Chairman David L. Mammina, A.I.A.

Vice Chairman Leslie Francis, Esq.

Members Daniel Donatelli, Esq. Jay Hernandez Patricia A. Goodsell, Esq

Town of North Hempstead



Board of Zoning Appeals

210 Plandome Road Manhasset, NY 11030 (516) 869-7667 Fax (516) 869-7812

CALENDAR FOR MARCH 5, 2025

<u>RESIDENTIAL CALENDAR – Starting at 10:00am</u>

APPEAL #21665 - David Pereira; 26 Memorial Place, Manhasset; Section 3, Block 82, Lot 114; Zoned: Residence-C

Variances from §§70-48.C, 70-50.A, 70-51.E, and 70-208.F to construct additions to a nonconforming dwelling that make the home too big, are too close to the side property line and the street and results in the expansion of a non-conforming building.

APPEAL #21666 - David & Maryann Canfield; 46 Sherry Hill Lane, Manhasset; Section 3, Block 161, Lot 164; Zoned: Residence-A

Variances from §§70-28 and 70-29.B to legalize a raised patio and a stairway to the garage roof that cover too much of the property and additions that make the house too big and cover too much of the property.

APPEAL #21668 - Sammy Schiff; 21 Beverly Road, Port Washington; Section 5, Block 28, Lot 5; Zoned: Residence-A

Variance from §70-30.C to construct a front porch with portico that is too close to the street.

APPEAL #21648 – Michael & Melissa Stolper; 59 Litchfield Rd., Port Washington; Section 5, Block 66, Lot 131; Zoned: Residence-A

Variance § 70-29.C(1) to construct additions that would make the house too big.

APPEAL #21669 – Ajay Vasudevan; 7 Colby Rd., Port Washington; Section 6, Block 42, Lot 119; Zoned: Residence-B

Variance § 70-40.C to construct additions to a home that would be too close to the street.

APPEAL #21670 – Vincent & Michele Tancredi; 32 Crestwood Rd., Port Washington; Section 6, Block 46, Lot 8; Zoned: Residence-B

Variances §§ 70-39.C & 70-208.F to construct additions to a non-conforming home that would make the home too large and results in the expansion of a non-conforming dwelling

APPEAL #21671 - Qin Cang; 131 MacGregor Avenue, Roslyn Heights; Section 7, Block 49, Lot 839; Zoned: Residence-C

Variance from §70-50.C to construct additions and a portico that are too close to the street.

APPEAL #21654 – Muhammad & Malika Begawala; 46 Dogwood Rd., Albertson; Section 7, Block 305, Lot 19; Zoned: Residence-A

Variance § 70-100.2.A. to legalize a fence that is too tall.

APPEAL #21672 - Rajendra Latcha; 757 Anna Avenue, Westbury; Section 10, Block 208, Lot 7; Zoned: Residence-C

Variances from \$70-100.2(A)(4) and 70-202.2(A) to legalize fencing that is too tall and a patio with not enough water retention on site.

APPEAL #21673 – Fabio Ghirardello; 23 Tenth St., Carle Place; Section 10, Block 265, Lot 13; Zoned: Residence-B

Variance § 70-42.7 to construct a new home with an eave which is too high (exceeds the maximum permitted height)

<u>COMMERCIAL CALENDAR – starting at 2:00pm</u>

APPEAL #21667 - PWYC Land Co., Inc.; 1 Yacht Club Dr., Port Washington, Section 5, Block C, Lots 191, 216, 236, 303, 304, 435, 443 & 460; Zoned Residence-A

Appeal for determination that floodplain Management regulations apply to storage sheds, a dumpster enclosure and a refrigeration unit on lots 303 and 304, or in the alternative, a variance pursuant to \$21-17 for a variance of \$21-12, and an appeal for determination or in the alternative, a variance from \$70-103(A)(1), and conditional use \$\$70-15.B, and variances from 70-103.B, 70-103.C, and 28-22(B)(7) to construct additions and alterations to a club house, a tennis house and a paddle house (a conditional use), with not enough parking on site, parking spaces that are too small, parking spaces located on grass and parking spaces not adequately marked or striped.

APPEAL #21674 - BGB Realty Corp.; 102 Harbor Road, Port Washington; Section 5, Block A, Lot 298; Zoned: Business-A/Residence-C

Variances from §§70-103.A(1), 70-103.F, and 70-132.A to legalize interior alterations for a gym/fitness club with not enough parking and loading on site, and parking in the front yard.

APPEAL #21573 - Commonwealth O'Leary Real Estate Corp, 1833 Gilford Avenue, New Hyde Park; Section 8, Block 190, Lot 15; Zoned: Industrial-B

Variances from §§70-103.A(1), 70-103.B, 70-103.M, 70-103.O, 70-212.B, and 70-231 to legalize an interior mezzanine that requires site plan review with not enough parking on site, parking spaces that are too small, drive aisles that are too narrow and construction of an outdoor storage area that is too large and too close to the front property line, with parking spaces that are too close to the street and do not have usable access to the street and an appeal for determination that site plan review under 70-219.A(1)(a) is not required.

APPEAL #21675 – GAP Factory Wall Sign; 1454 Union Tpke., New Hyde Park; Section 8, Block 235, Lot 56; Zoned: Business-AA

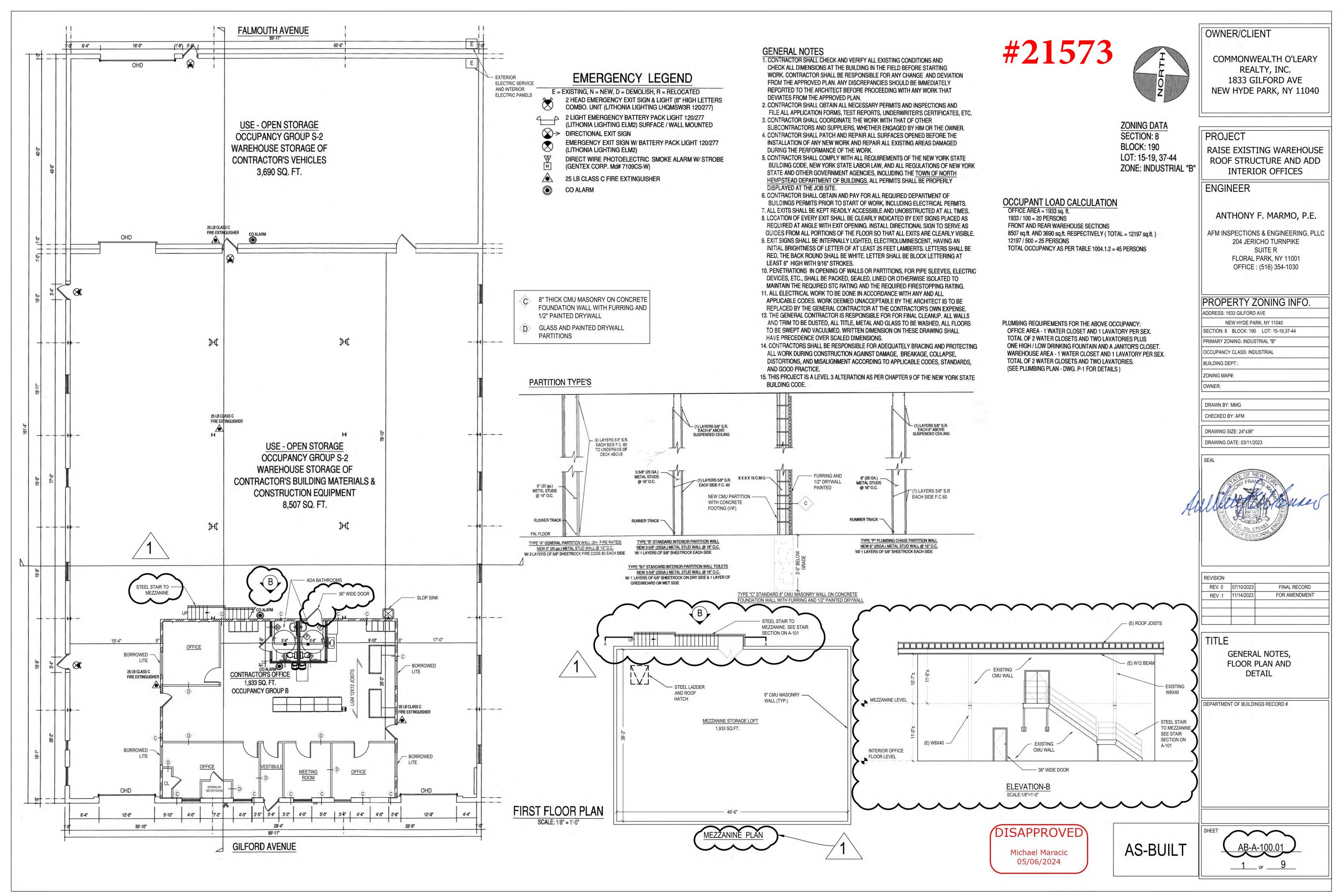
Variances §§ 70-196(J)(1)(b) & 70-196(J)(1)(f) to construct a sign that is too tall and too high above the ground.

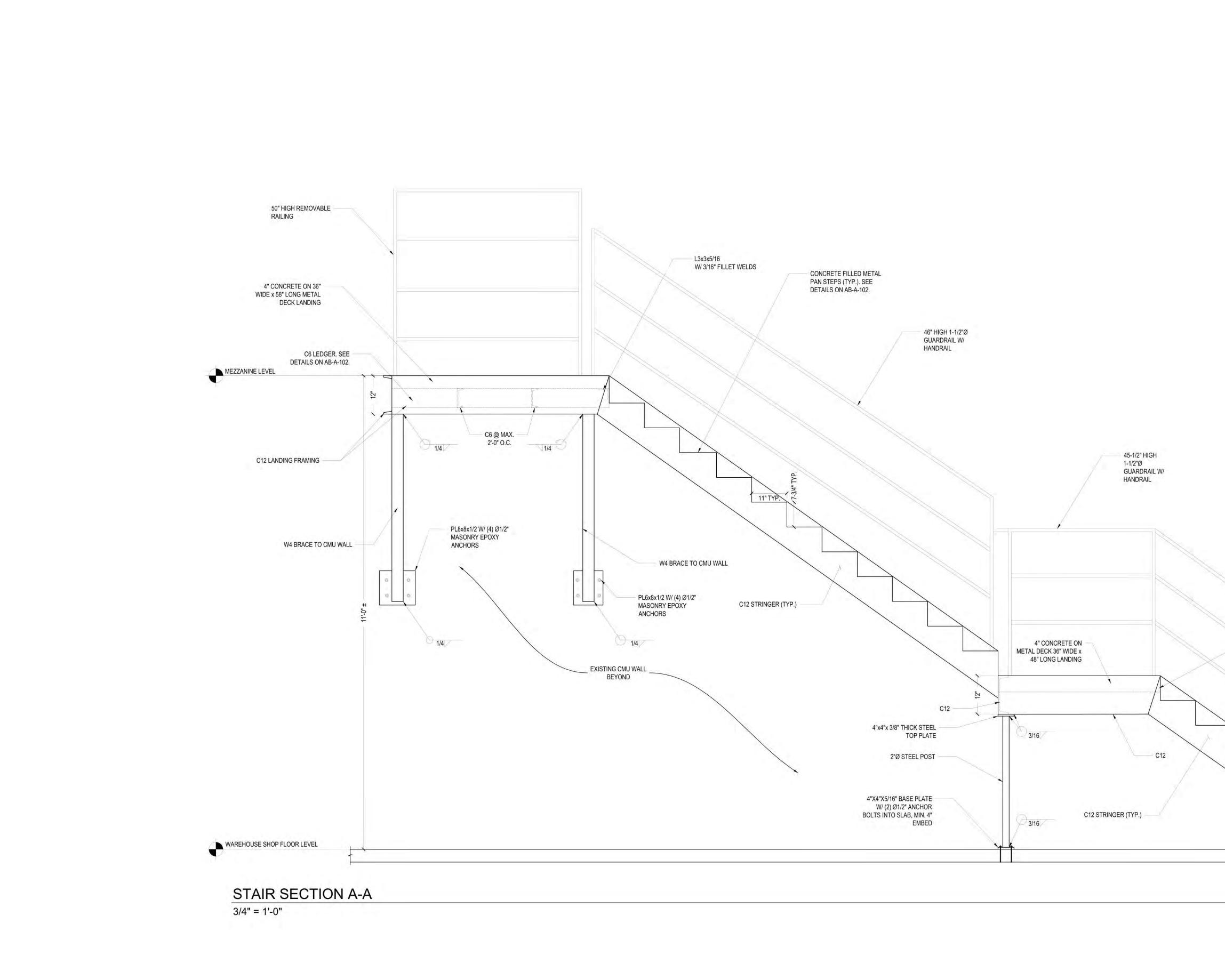
APPEAL #21664 - Stuart Pliskin; 938 Hillside Avenue, New Hyde Park; Section 8, Block 316, Lot 6; Zoned: Business-A

Conditional use §70-126.F to construct alterations to convert a drive thru retail use to a drive thru retail food use (a conditional use).

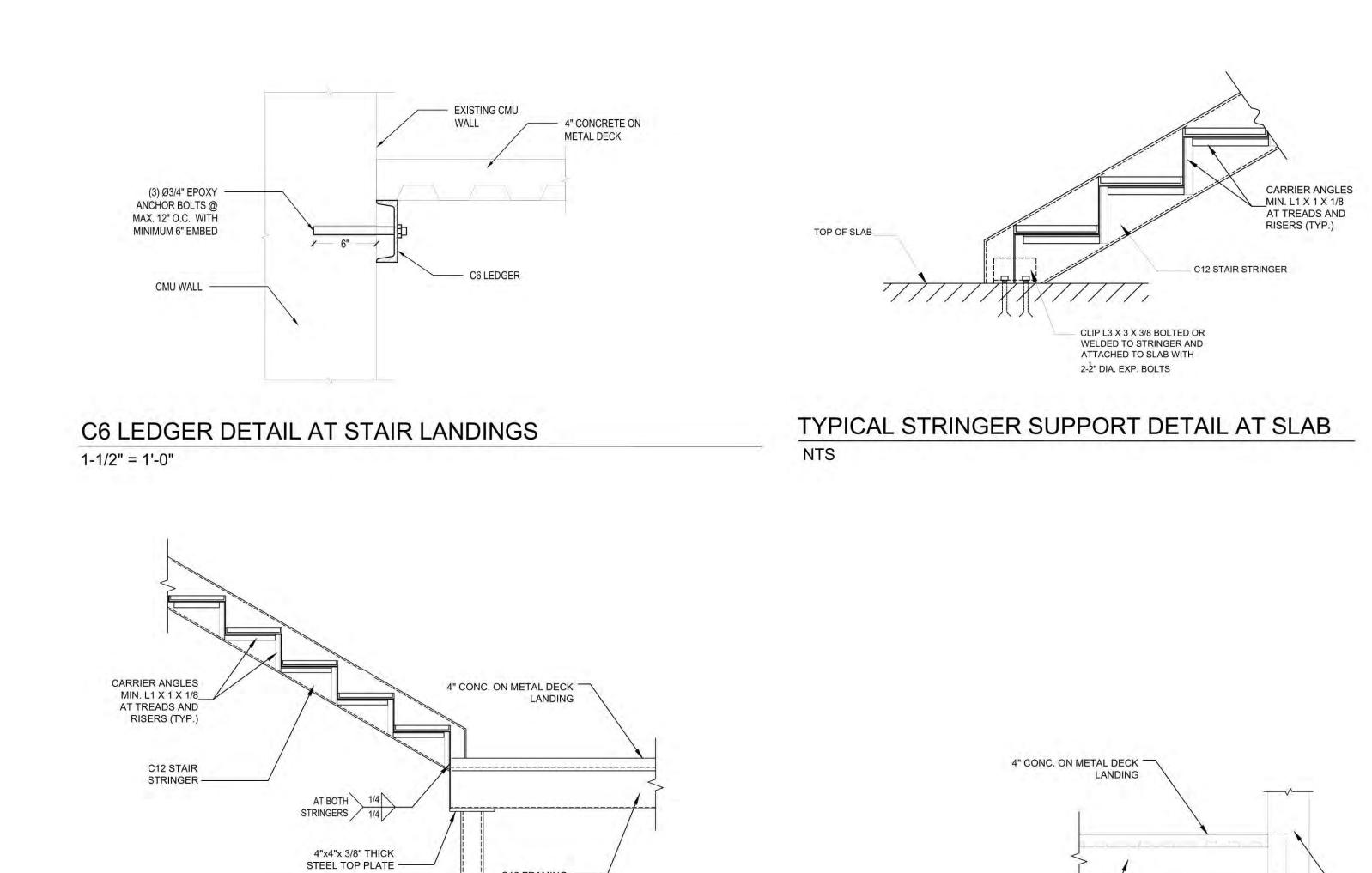
APPEAL #21676 - CVS Albany, LLC; 3366 Hillside Avenue, New Hyde Park; Section 9, Block 514, Lot 52; Zoned: Business-A

Conditional use §70-126.F, and variances from 70-196.J(1)(a), 70-196.J(2)(a), and 70-196.J(2)(d) to construct a new grocery store (a conditional use) with too many signs on a wall, too many detached ground signs, and signage with not enough clearance between the bottom of the sign and the ground.





		OWNER/CLIENT
		COMMONWEALTH O'LEARY REALTY, INC. 1833 GILFORD AVE NEW HYDE PARK, NY 11040
		PROJECT RAISE EXISTING WAREHOUSE ROOF STRUCTURE AND ADD INTERIOR OFFICES
		ENGINEER
		ANTHONY F. MARMO, P.E.
		AFM INSPECTIONS & ENGINEERING, PLLC 204 JERICHO TURNPIKE SUITE R FLORAL PARK, NY 11001 OFFICE : (516) 354-1030
		PROPERTY ZONING INFO. ADDRESS: 1833 GILFORD AVE
		NEW HYDE PARK, NY 11040 SECTION: 8 BLOCK: 190 LOT: 15-19,37-44 PRIMARY ZONING: INDUSTRIAL "B" OCCUPANCY CLASS: INDUSTRIAL
		BUILDING DEPT.:
		ZONING MAP#: OWNER:
		DRAWN BY: MMG CHECKED BY: AFM
45" HIGH 1-1/2"Ø GUARDRAIL W/		DRAWING SIZE: 24"x36"
HANDRAIL		DRAWING DATE: 03/11/2023
L3x3x5/16 W/ 3/16" FILLET WELDS	A	SEAL
		REVISION REV. 0 11/14/2023 FOR AMENDMENT
		TITLE
		STAIR SECTION
		DEPARTMENT OF BUILDINGS RECORD #
DISAPPROVED Michael Maracic 05/06/2024	AS-BUILT	SHEETAB-A-101.00

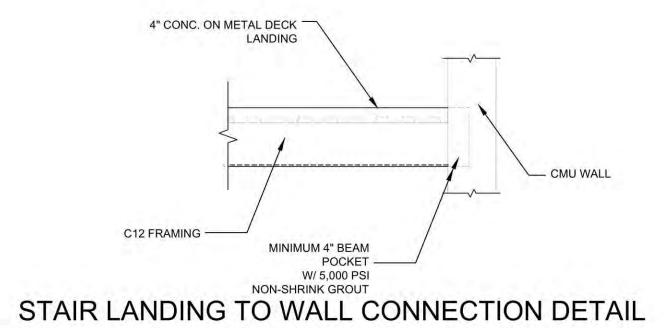


TYPICAL DETAIL FOR STAIR DOWN TO LANDING	
NTS	

2"Ø STEEL POST

C12 FRAMING -

NTS



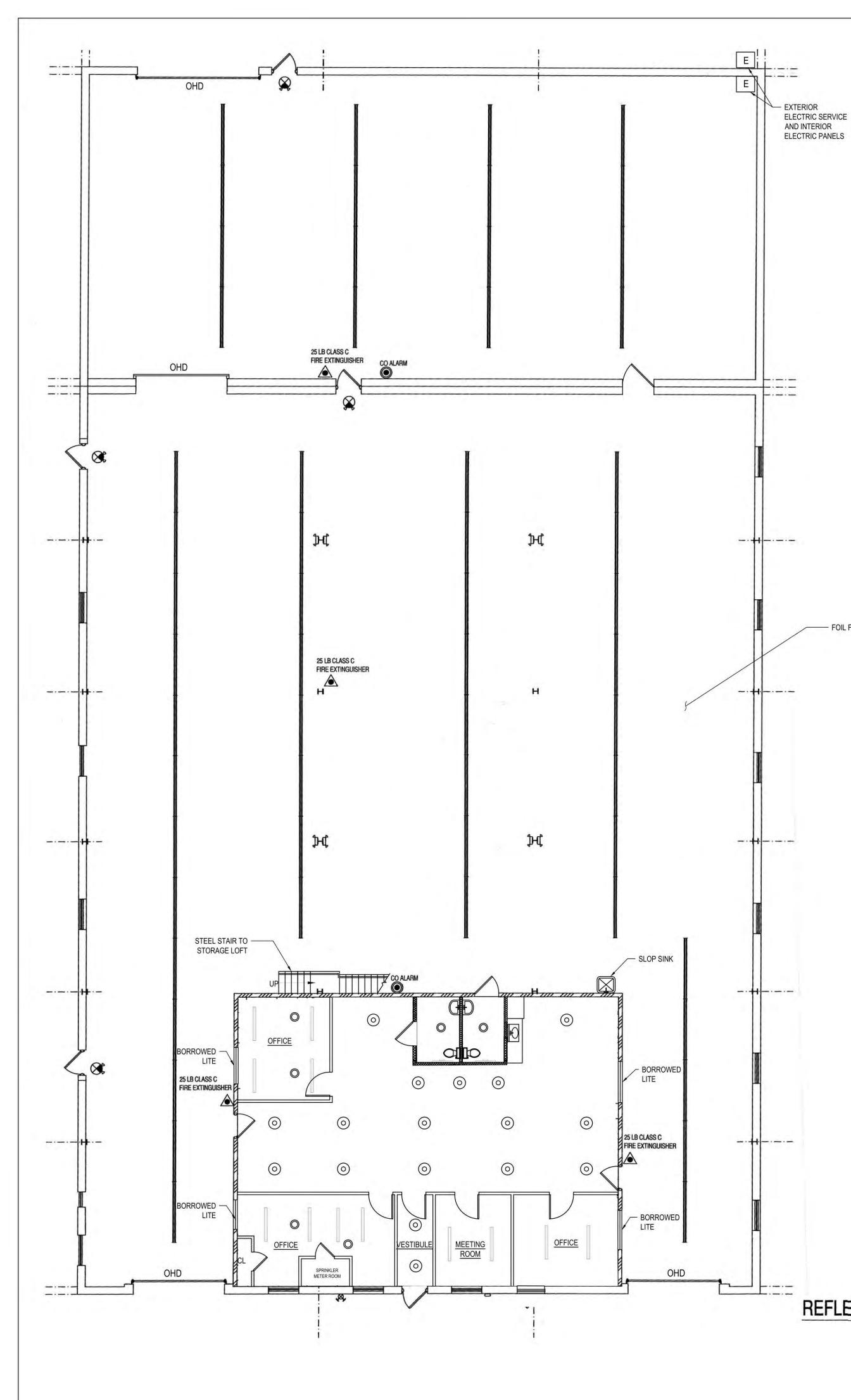
OWNER/CLIENT

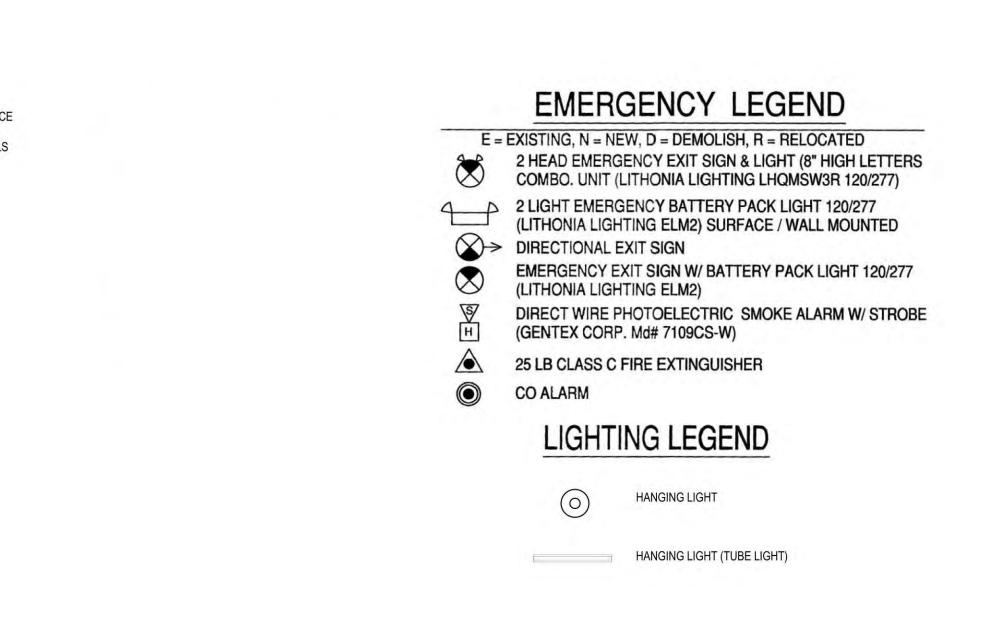
COMMONWEALTH O'LEARY REALTY, INC. 1833 GILFORD AVE NEW HYDE PARK, NY 11040

	PROJECT RAISE EXISTING WAREHOUSE
	ROOF STRUCTURE AND ADD INTERIOR OFFICES
	ENGINEER
	ANTHONY F. MARMO, P.E.
	AFM INSPECTIONS & ENGINEERING, PLLC 204 JERICHO TURNPIKE SUITE R FLORAL PARK, NY 11001 OFFICE : (516) 354-1030
	PROPERTY ZONING INFO.
	ADDRESS: 1833 GILFORD AVE
	NEW HYDE PARK, NY 11040
	SECTION: 8 BLOCK: 190 LOT: 15-19,37-44 PRIMARY ZONING: INDUSTRIAL "B"
	OCCUPANCY CLASS: INDUSTRIAL
	BUILDING DEPT .:
	ZONING MAP#:
	OWNER:
	DRAWN BY: MMG
	CHECKED BY: AFM
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	DRAWING DATE: 03/11/2023
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	REV. 0 11/14/2023 FOR AMENDMENT
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	STAIR DETAILS
	DEPARTMENT OF BUILDINGS RECORD #
	SHEET
	(AB-A-102.00)
AS-BUILT	
	<u>3</u> of <u>9</u>

DISAPPROVED

Michael Maracic 05/06/2024



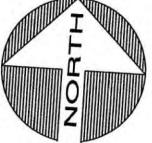


REFLECTED CEILING AND LIGHITNG PLAN SCALE; 1/8" = 1'-0"

------ FOIL FACED CEILING INSULATION

1

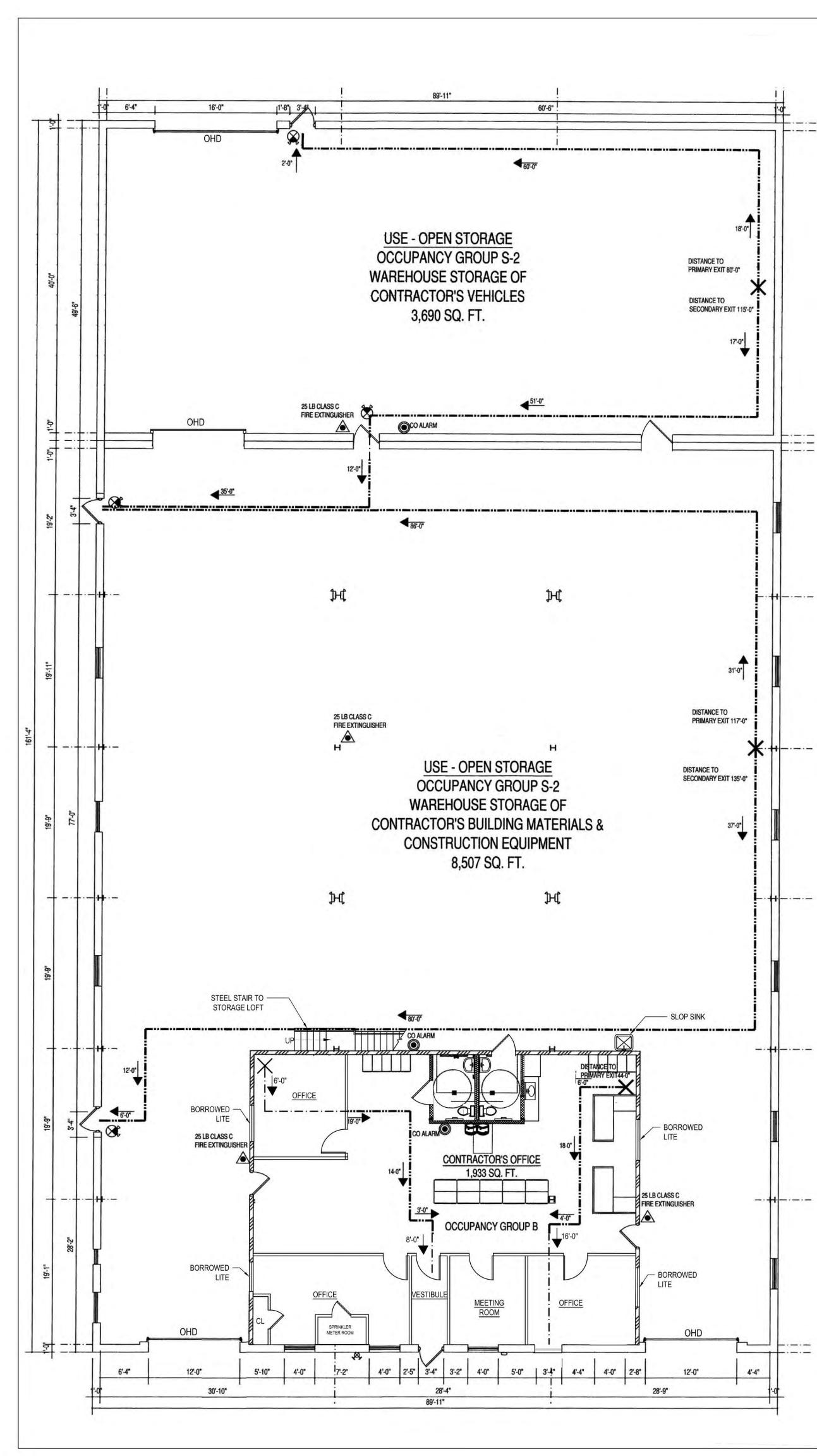
OWNER/CLIENT



NORTH	COMMONWEALTH O'LEARY REALTY, INC. 1833 GILFORD AVE NEW HYDE PARK, NY 11040
ZONING DATA SECTION: 8	
BLOCK: 190	PROJECT
LOT: 15-19, 37-44	RAISE EXISTING WAREHOUSE
ZONE: INDUSTRIAL "B"	ROOF STRUCTURE AND ADD
	INTERIOR OFFICES
	ENGINEER
	ANTHONY F. MARMO, P.E.
	AFM INSPECTIONS & ENGINEERING, PLLC 204 JERICHO TURNPIKE
	SUITE R
	FLORAL PARK, NY 11001
	OFFICE : (516) 354-1030
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	NEW HYDE PARK, NY 11040
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	OCCUPANCY CLASS: INDUSTRIAL
	BUILDING DEPT.:
	ZONING MAP#:
	OWNER:
	DRAWN BY: MMG
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A	Willie OF NEW OF ANY OF
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	REFLECTED CEILING PLAN
	DEPARTMENT OF BUILDINGS RECORD #
	SHEET
	AB-A-200.00

DISAPPROVED Michael Maracic 05/06/2024

<u>4</u> of <u>9</u>



EMERGENCY LEGEND

- E = EXISTING, N = NEW, D = DEMOLISH, R = RELOCATED 2 HEAD EMERGENCY EXIT SIGN & LIGHT (8" HIGH LETTERS COMBO. UNIT (LITHONIA LIGHTING LHQMSW3R 120/277) 2 LIGHT EMERGENCY BATTERY PACK LIGHT 120/277 (LITHONIA LIGHTING ELM2) SURFACE / WALL MOUNTED > DIRECTIONAL EXIT SIGN EMERGENCY EXIT SIGN W/ BATTERY PACK LIGHT 120/277 \otimes (LITHONIA LIGHTING ELM2) S H DIRECT WIRE PHOTOELECTRIC SMOKE ALARM W/ STROBE (GENTEX CORP. Md# 7109CS-W) \triangle 25 LB CLASS C FIRE EXTINGUISHER
- ۲ CO ALARM

OCCUPANT LOAD CALCULATION

OFFICE AREA = 1933 sq. ft. 1933 / 100 = 20 PERSONS FRONT AND REAR WAREHOUSE SECTIONS 8507 sq.ft. AND 3690 sq.ft. RESPECTIVELY (TOTAL = 12197 sq.ft.) 12197 / 500 = 25 PERSONS TOTAL OCCUPANCY AS PER TABLE 1004.1.2 = 45 PERSONS

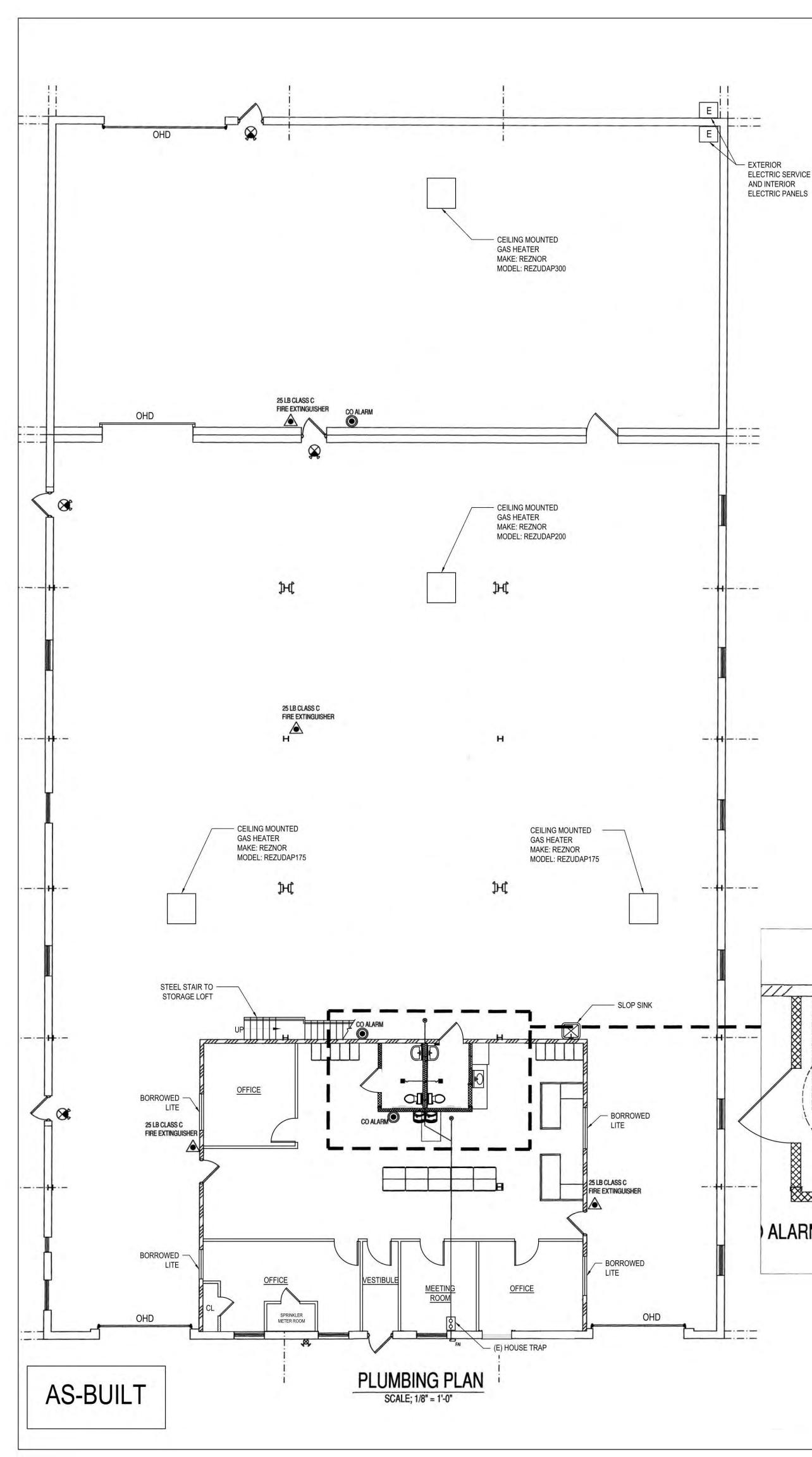
OWNER/CLIENT

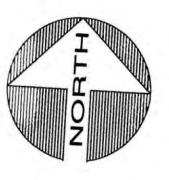
	COMMONWEALTH O'LEARY REALTY, INC.	
THE F	1833 GILFORD AVE NEW HYDE PARK, NY 11040	
H	NEW TIDE PARK, NT 11040	
Z		
	PROJECT	
ZONING DATA SECTION: 8	RAISE EXISTING WAREHOUSE	
BLOCK: 190	ROOF STRUCTURE AND ADD INTERIOR OFFICES	
LOT: 15-19, 37-44		
ZONE: INDUSTRIAL "B	ENGINEER	
	ANTHONY F. MARMO, P.E.	
	AFM INSPECTIONS & ENGINEERING, PLLC 204 JERICHO TURNPIKE	
	SUITE R FLORAL PARK, NY 11001	
	OFFICE : (516) 354-1030	
	PROPERTY ZONING INFO.	
	ADDRESS: 1833 GILFORD AVE NEW HYDE PARK, NY 11040	
	SECTION: 8 BLOCK: 190 LOT: 15-19,37-44	
	PRIMARY ZONING: INDUSTRIAL "B" OCCUPANCY CLASS: INDUSTRIAL	
	BUILDING DEPT.:	
	ZONING MAP#:	
	OWNER:	
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	DEPARTMENT OF BUILDINGS RECORD #	
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DISAPPROVED Michael Maracic 05/06/2024

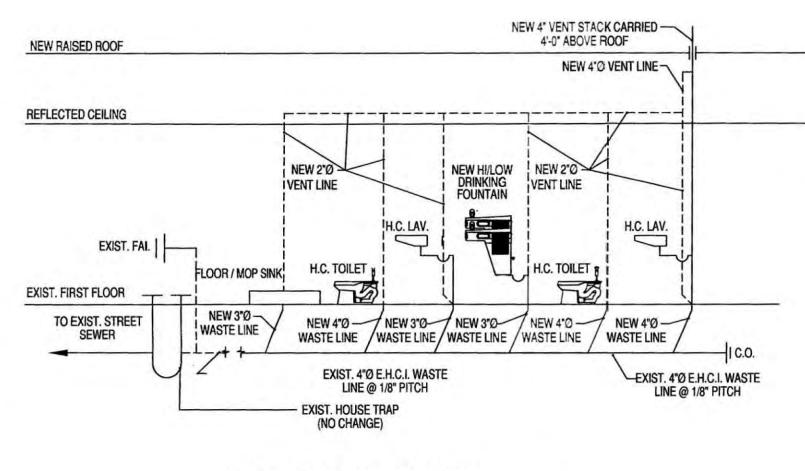
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AS-BUILT

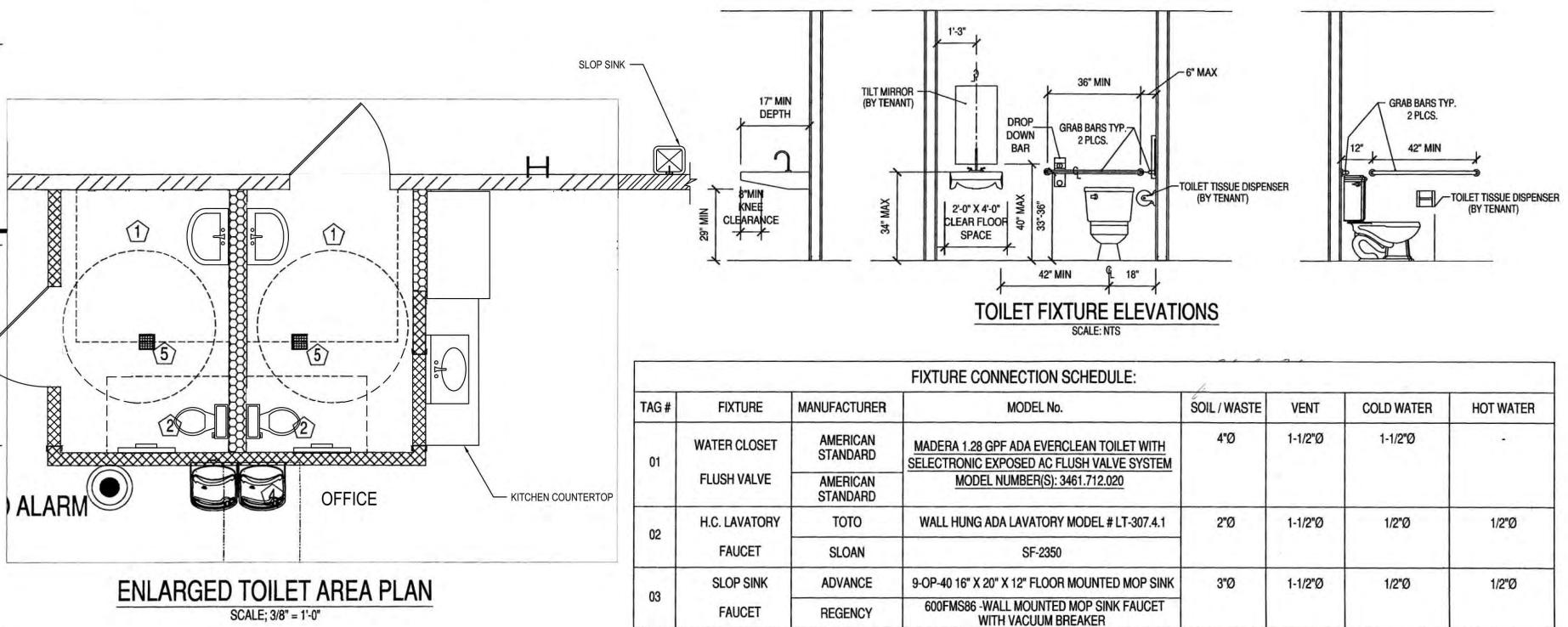




ZONING DATA SECTION: 8 BLOCK: 190 LOT: 15-19, 37-44 ZONE: INDUSTRIAL "B"



SANITARY RISER DIAGRM SCALE: NTS



ELKAY

JOSAM

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05

EWC

FLOOR DRAINS

PLUMBING NOTES:

- FROM THE DATE OF COMPLETION OF HIS WORK.

- UNLESS OTHERWISE NOTED.

- "NO HUB"JOINTS.
- FITTINGS FOR VENT LINES.

- NEW YORK STATE PLUMBING CODE.

- BEFORE INSTALLATION OF SAME.

- AND ALL OTHER AREAS.

- BEEN AIR TESTED BY THE MANUFACTURER.

1. ALL PLUMBING WORK UNDER THIS CONTRACT SHALL CONFORM TO THE NEW YORK STATE PLUMBING CODE, AND ALL ALL MUNICIPAL AUTHORITIES HAVING JURSIDICTION OVER THE PROJECT.

2. THE PLUMBING CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ALL LABOR AND MATERIAL INSTALLED UNDER THIS CONTRACT AND SHALL GUARANTEE THE WORK PERFORMED UNDER THIS CONTRACT FOR A PERIOD OF ONE (1) YEAR

3. THE PLUMBING CONTRACTOR SHALL PREPARE AND FILE ALL REQUIRED PLANS AND PERMITS WITH THE LOCAL AUTHORITIES AND SHALL PAY ALL FILING FEES AS REQUIRED BY THE LAWS. HE SHALL OBTAIN ALL WORK PERMITS AND SIGNOFFS AS REQUIORED TO EXECUTE THIS WORK IN A LEGAL MANNER.

4. THE PLUMBING CONTRACTOR SHALL PERFORM ALL TESTS REQUIRED BY CODE AND SHALL FURNISH ALL CERTIFICATES OF INSURANCE AS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION OVER SAME AND TO THE OWNER, AS WELL 5. THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL PLUMBING EQUIPMENT REGARDLESS OF WHETHER SHOWN HEREIN WITHOUT ANY ADDITIONAL COST TO THE OWNER.

6. PLUMBING CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS, INCLUDING SIZES OF CONNECTIONS, BEFORE SUBMITTING A QUOTATION FOR THE WORK.

7. PLUMBING CONTRACTOR SHALL PERFORM ALL CUTTING, EXCAVATION, BACKFILLING, ETC. AS REQUIRED FOR THE INSTALLATION OF THE WORK AND SHALL PERFORM ALL ROUGH AND FINAL PATCHING BACK TO ORIGINAL STATE,

8. PLUMBING CONTRACTOR SHALL PERFORM ALL TESTS REQUIRED BY THE LOCAL AUTHORITIES HAVING JURISDICTION AND ARRANGE FOR ALL INSPECTIONS AS REQUIRED AT NO ADDITION COST TO THE OWNER.

9. ALL NEW CONNECTIONS TO THE EQUIPMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE CODE AND THE EQUIPMENT MANUFACTURERS RECOMMENDATIONS.

10. ALL UNDERGROUND SANITARY AND STORM PIPING SHALL BE STANDARD CAST IRON, WITH BELL AND SPIGOT OR

11. ALL SANITARY AND STORM PIPING INSTALLED ABOVE-GROUND SHALL BE STANDARD CAST IRON WITH "NO-HUB" JOINTS OR GALVANIZED WITH DRAINAGE PATTERN FITTINGSFOR SANITARY AND STORM WASTE PIPING AND MALLABLE

12. ALL COLD AND HOT WATER, SHALL BE "TYPE-L" COPPER TUBING WITH CAST BRASS OR WROUGHT COPPER FITTINGS AND SOLDERED JOINTS, AS PER THE N.Y.S. PLUMBING CODE.

13. ALL COLD AND HOT WATER, AND STORM PIPING AND FITTINGS SHALL BE COVERED WITH A MINIMUM COVERING OF 1" MOLDED FIBERGLASS PIPE INSULATION WITH A MAXIMUM "K" FACTOR OF .24 AT TEMPERATURE OF 75°F. FITTINGS, VALVES AND APPURTANCES SHALL BE INSULATED WITH MOLDED FITTINGS WITH THE SAME THERMAL CHARACTERISTICS. 14. ALL PIPE HANGERS AND SUPPORTS SHALL BE FABRICATED OF MATERIALS AND INSTALLED IN ACCORDANCE WITH THE

15. ALL NEW PLUMBING FIXTURES SHALL BE INSTALLED WITH ANGLE STOP VALVES IN THE SUPPLY LINES BELOW THE FIXTURE 16. ALL NEW EXPOSED FIXTURE SUPPLY PIPING AND WASTE PIPING SHALL BE CHROME PLATED AND SHALL HAVE CHROME PLATED ESCUTCHEONS INSTALLED AT THE PENETRATIONS THROUGH THE WALLS.

17. ALL NEW VALVES SHALL BE "FAIRBANKS" OR EQUAL RATED AT 125 PSIG, WOG.

18. PLUMBING CONTRACTOR SHALL SUBMIT FIXTURE CUTS FOR APPROVAL OF ALL NEW PLUMBING FIXTURES AND EQUIPMENT

19. GAS PIPING SHALL BE BLACK IRON, ASTM A53 WITH MALLEABLE IRON FITTINGS AND SHALL BE INSTALLED IN ACCORDANCE WITH THE N.Y.S. PLUMBING CODE AND THE REQUIREMENTS OF THE UTILITY COMPANY.

20. HOSE BIBBS SHALL BE FROST-PROOF TYPE AND SUPPLIED WITH VACUUM BREAKERS.

21. GAS PIPING SHALL BE INSTALLED WITH DRIP LEGS AT ALL CHANGES IN DIRECTION FROM HORIZ. TO VERT. 22. PIPE SLEEVES SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH WALLS AND FLOORS.

23. WATER HAMMER ELIMINATORS SHALL BE INSTALLED ON ALL DROPS IN THE WATER LINES SERVING THE TOILET ROOMS

24. SHUT OFF VALVES AND GAS COCKS SHALL BE INSTALLED AT ALL PIECES OF EQUIPMENT TO FACILITATE SERVICING. 25. BALL VALVES FOR WATER SYSTEM SHALL BE BRONZE BODY WITH CHROME PLATED BRONZE BALL, STAINLESS STEEL HANDLE, DURAFILL SEATS AND SEALS RATED PSIG WOG.

26. PLUG COCKS FOR GAS PIPING SHALL BE IRON BODY WITH BRASS PLUG AND WASHERS, SCREWED ENDS AND SHALL HA

27. ALL PIPING SHALL BE TESTED AT A MINIMUM OF 1 1/2 TIMES THE OPERATING PRESSURE, UNLESS OTHERWISE NOTED ON THE DOCUMENTS OR IN THE CODES AND IN ACCORDANCE WITH THE UTLITY REQUIREMENTS FOR GAS SYSTEM

SUAL	E: N	12

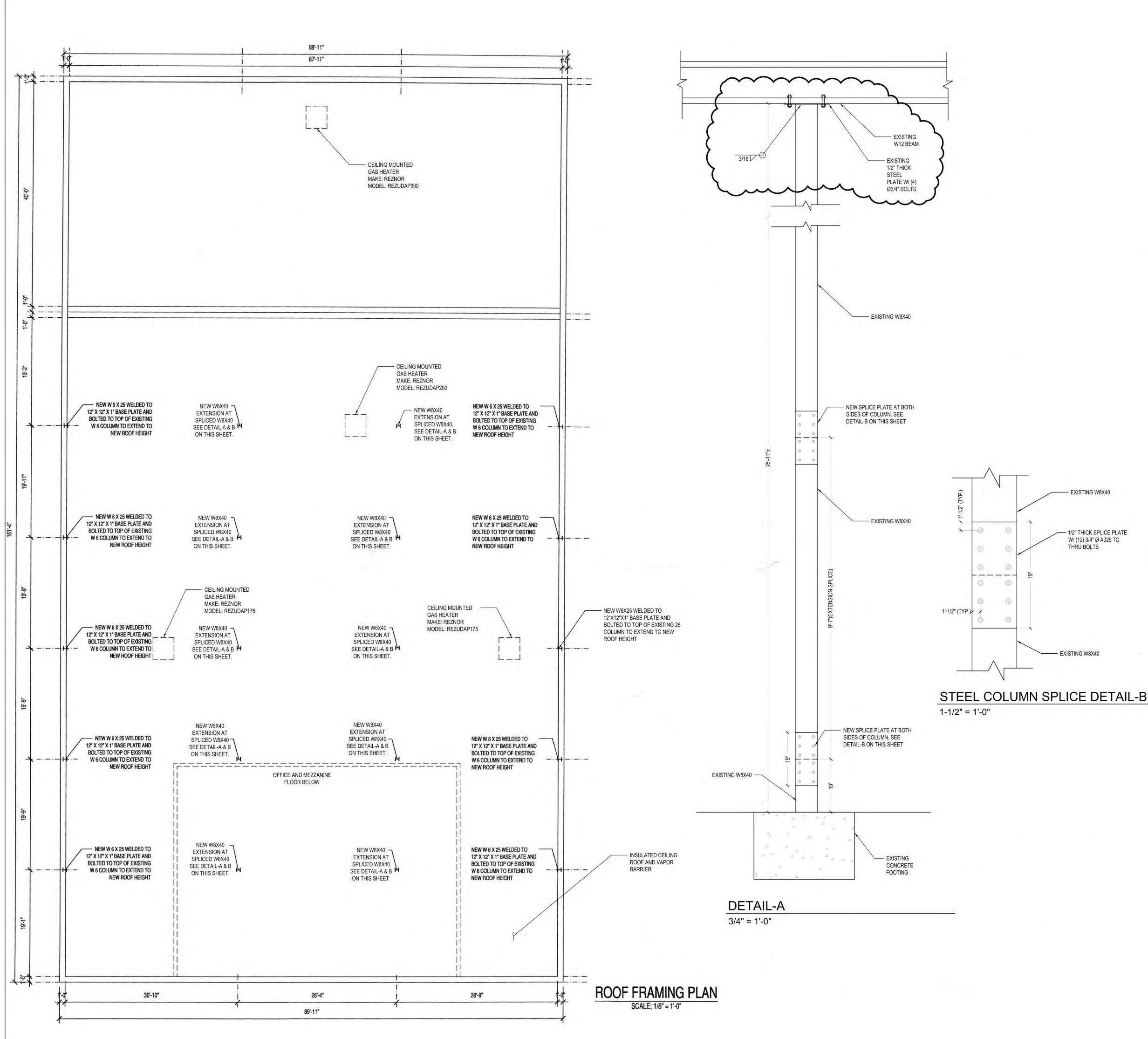
HIGH

MODEL No.	SOIL / WASTE	VENT	COLD WATER	HOT WATER
F ADA EVERCLEAN TOILET WITH POSED AC FLUSH VALVE SYSTEM IUMBER(S): 3461.712.020	4"Ø	1-1/2"Ø	1-1/2"Ø	-
A LAVATORY MODEL # LT-307.4.1	2"Ø	1-1/2"Ø	1/2"Ø	1/2"Ø
SF-2350				
X 12" FLOOR MOUNTED MOP SINK	3"Ø	1-1/2"Ø	1/2"Ø	1/2"Ø
L MOUNTED MOP SINK FAUCET VACUUM BREAKER				
H/LOW EZSTLDDLC	3"Ø	1-1/2"Ø	1/2"Ø	1/2"Ø
6" X 6" SQUARE	ISAPPR	OWE	2	
	Michael M 05/06/2			

OWNER/CLIENT

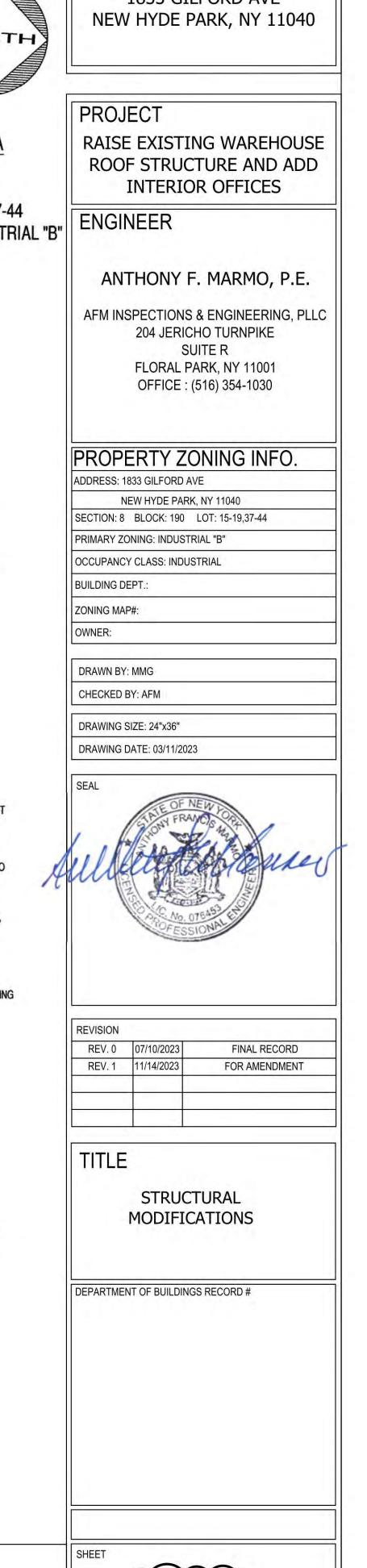
COMMONWEALTH O'LEARY REALTY, INC. 1833 GILFORD AVE NEW HYDE PARK, NY 11040

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AN	THONY	F. MARMO, P.E.
AFM INS	204 JER	NS & ENGINEERING, PLLC NCHO TURNPIKE SUITE R
		PARK, NY 11001 : (516) 354-1030
PROP	ERTY Z	ZONING INFO.
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OWNER/CLIENT

COMMONWEALTH O'LEARY REALTY, INC. 1833 GILFORD AVE



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ZONING DATA SECTION: 8 BLOCK: 190 LOT: 15-19, 37-44 ZONE: INDUSTRIAL "B"

GENERAL STEEL NOTES

- 1. ALL WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE NEW YORK CITY BUILDING CODE.
- 2. ALL CONSTRUCTION WILL BE UNDER NYC CONTROLLED INSPECTION REQUIREMENTS, WHERE APPLICABLE.
- 3. COORDINATE ALL WORK OF THESE DRAWINGS WITH WORK REQUIRED ON ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.
- STRUCTURAL STEEL NOTES
- 1. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE A.I.S.C. "SPECIFICATION FOR THE DESIGN FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
- 2. ALL STEEL SHALL BE ASTM-A36 HAVING A SPECIFIED MINIMUM YIELD POINT OF 24.000 P.S.I.
- 3. CONNECTION MATERIAL SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS, LATEST EDITION: HIGH STRENGTH BOLTS: A325 (FRICTION TYPE); WELDING ELECTRODES: AWS-A5.1, E70 SERIES.
- 4. ALL BOLTS SHALL BE 3/4" INCH DIAMETER, OPEN HOLES 13/16 INCH DIAMETER UNLESS OTHERWISE NOTED.
- 5. ALL SHOP CONNECTIONS SHALL HIGH STRENGTH BOLTED OR WELDED CONNECTIONS. 6. ALL FIELD CONNECTIONS SHALL BE BOLTED WITH HIGH STRENGTH BOLTS EXCEPT WHERE DETAILS SHOW WELDING. BOLTS CAN BE USED FOR ERECTION PURPOSES BUT MUST BE WELDED AFTER ERECTION IS COMPLETE.
- 7. ALL WELDING TO BE DONE BY LICENSED WELDERS. 8. ALL WELDING SHALL BE INSPECTED BY AN APPROVED WELDING AGENCY WHICH
- SHALL ISSUE AN AFFIDAVIT THAT ALL WELDING HAS BEEN INSPECTED AND FOUND TO BE IN CONFORMITY WITH DETAILS AND THE NEW YORK CITY BUILDING CODE. 9. ALL WELDING IN SUBJECT TO NONDESTRUCTIVE TESTING METHODS.
- 10. ALL FILLET WELDS SHALL BE A MINIMUM OF 1/4" INCH UNLESS NOTED OTHERWISE 11. PROVISIONS SHALL BE MADE FOR CONNECTIONS OF OTHER TRADES, INCLUDING CUTTING AND PUNCHING OF STRUCTURAL MEMBERS WHERE REQUIRED BY THE
- DRAWINGS, OR FOR WHICH INFORMATION IS FURNISHED PRIOR TO FABRICATION. 12. STIFFENERS SHALL BE GROUND SMOOTH AFTER WELDING IS COMPLETED. CARE MUST BE TAKEN NOT TO DAMAGE WELDS.
- 13. ALL INTERIOR STEEL WORK SHALL HAVE A SHOP COAT OF PRIMER, EXCEPT FOR MEMBERS TO RECEIVE SPRAYED ON FIREPROOFING.
- 14. THERE SHALL BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT AND / OR ENGINEER.
- 15. ALL BEAMS ADJACENT TO MASONRY WALLS SHALL HAVE ADJUSTABLE CHANNEL TYPE ANCHORS, AS MANUFACTURED BY HOHMANN & BARNARD OR APPROVED EQUAL. 16. SUBMIT STEEL SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. NO ERECTION TO
- COMMENCE UNTIL SHOP DRAWINGS ARE APPROVED.

WELDING SPECIFICATIONS

- 1. OPERATORS SHALL BE QUALIFIED AS PER AWS STANDARD QUALIFICATION PROCEDURE, AND SHALL BE N.Y.C. LICENSED WELDERS.
- 2. EQUIPMENT SHALL PROVIDE PROPER CURRENT TO PRODUCE SATISFACTORY WELDS. 3. ELECTRODES SHALL BE SUITABLE FOR POSITIONS AND OTHER CONDITIONS OF USE
- PER MANUFACTURER'S SPECIFICATIONS. 4. SURFACES TO BE WELDED SHALL BE FREE FROM LOOSE SCALE, RUST, GREASE, PAINT
- OR OTHER FOREIGN MATERIAL. MILL SCALE THAT WITHSTANDS VIGOROUS WIRE BRUSHING MAY REMAIN. A LIGHT FILM OF LINSEED OIL MAY BE DISREGARDED. JOINT SURFACES
- SHALL BE FREE OF FINS AND TEARS. 5. MINIMUM FILLET WELD SIZE - 3/16 INCH.
- 6. SEQUENCE OF WELDING SHALL MINIMIZE DISTORTION AND SHRINKAGE STRESSES. 7. ELECTRODES TO BE E70XX.

STEEL ROOF DECK

FURNISH DECK IN ACCORDANCE WITH STEEL DECK INSTITUTE STEEL ROOF DECK SPECIFICATIONS AND CODE OF RECOMMENDED STANDARD PRACTICE, ROOF DECK CONSTRUCTION, LATEST EDITION.

TYPE: 1-1/2 INCH, 22 GA. GALVANIZED STEEL, WIDE RIB DECK, CONTINUOUS OVER THREE SPANS MINIMUM.

ATTACHMENTS: WELD TO ALL SUPPORTS USING 5/8 INCH DIA. PUDDLE WELDS WITH WELDING WASHERS, FOUR PER SHEET WIDTH AT SUPPORTS AND AT 6 INCH SPACING ALONG EDGES PARALLEL TO DECK SPAN.

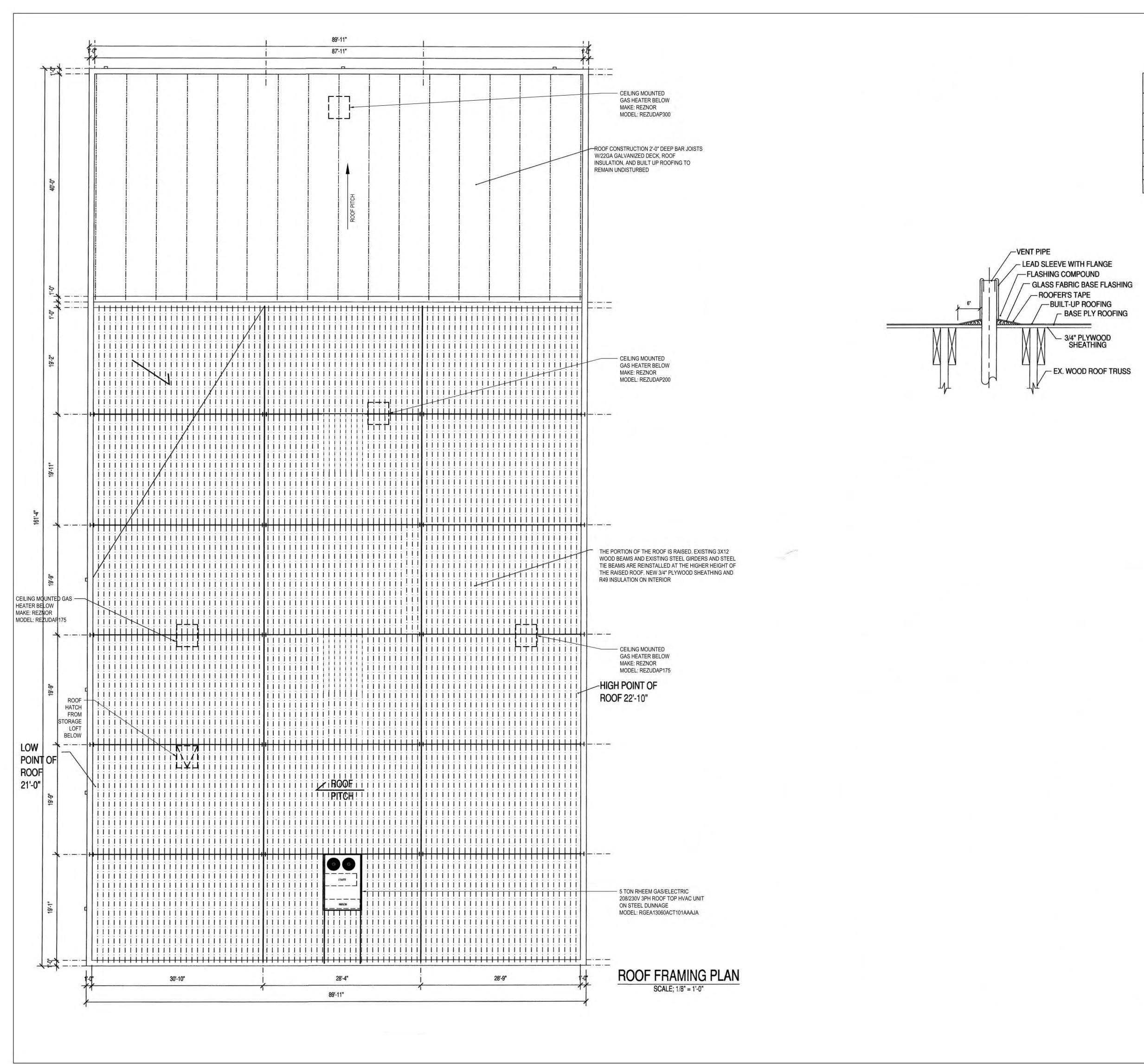
AS-BUILT

SIDELAP FASTENERS: #12 TEK SCREWS, 2 PER SPAN

PROVIDE "L" 2-1/2 X 2-1/2 X 1/4 AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS UNLESS NOTED OR DETAILED OTHERWISE. SEE DETAIL FRAMING AT ROOF MOUNTED EQUIPMENT.

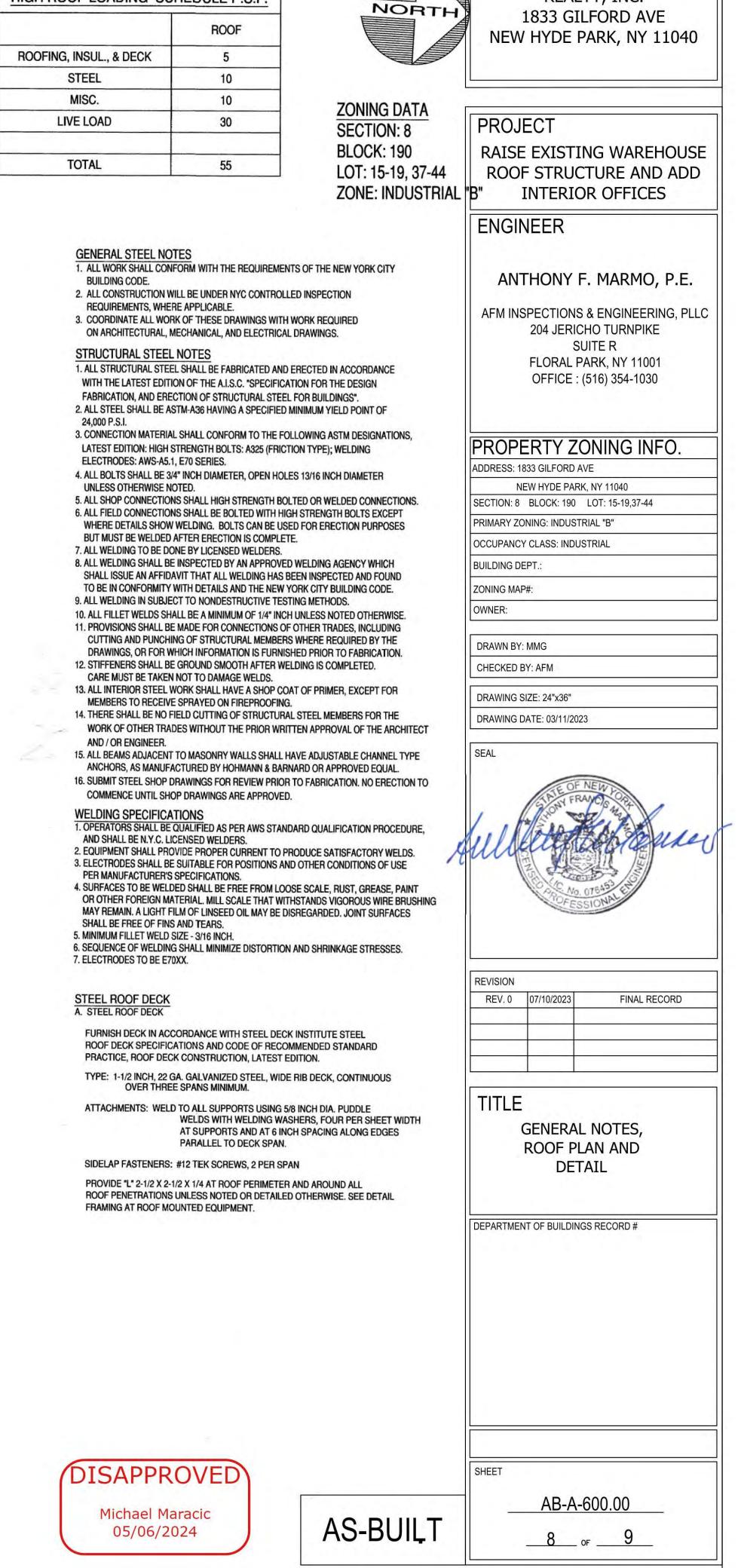


PLATE	
TC	

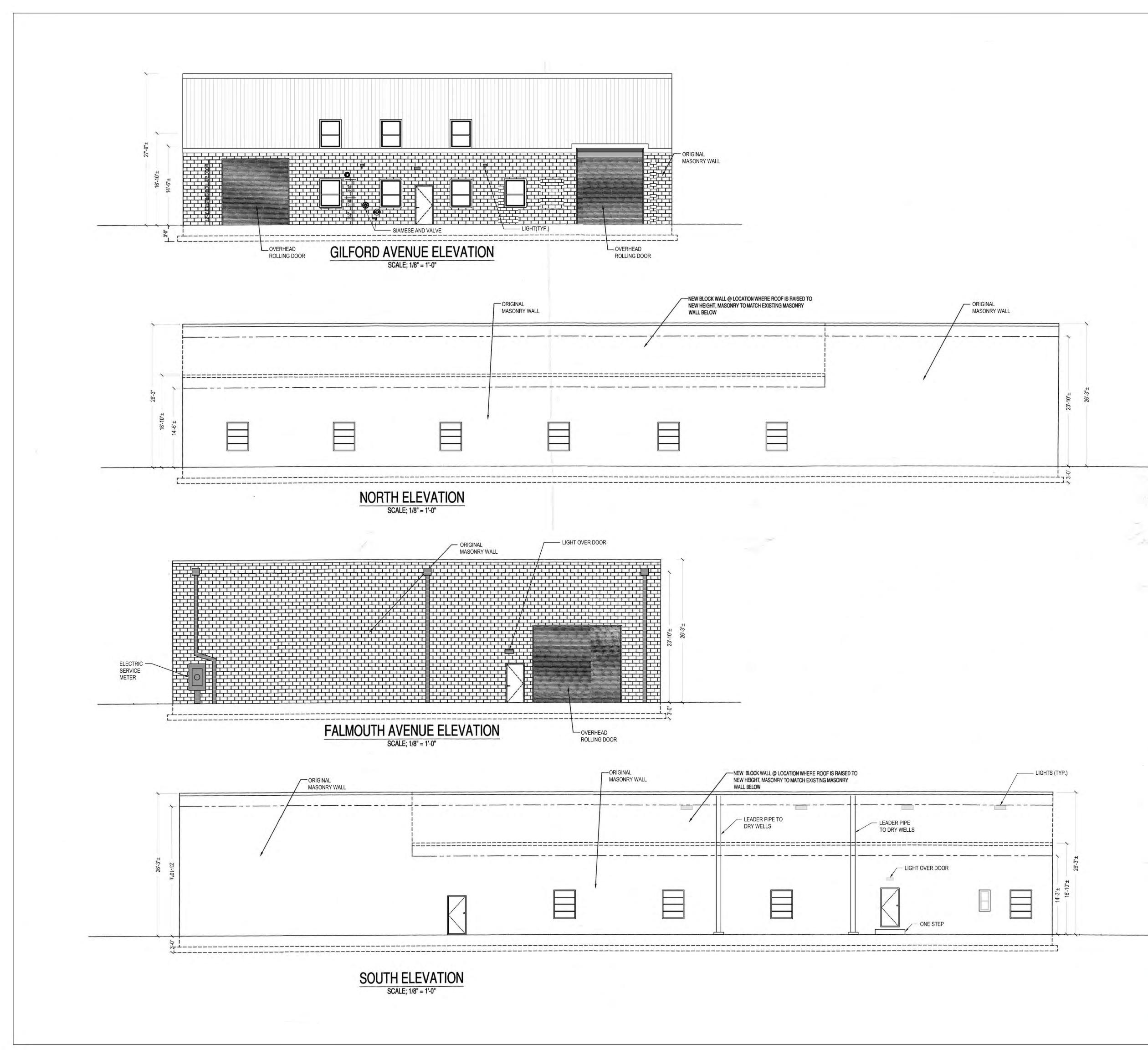


OWNER/CLIENT

COMMONWEALTH O'LEARY REALTY, INC. 1833 GILFORD AVE



HIGH ROOF LOADING SCHEDULE P.S.F.



OWNER/CLIENT

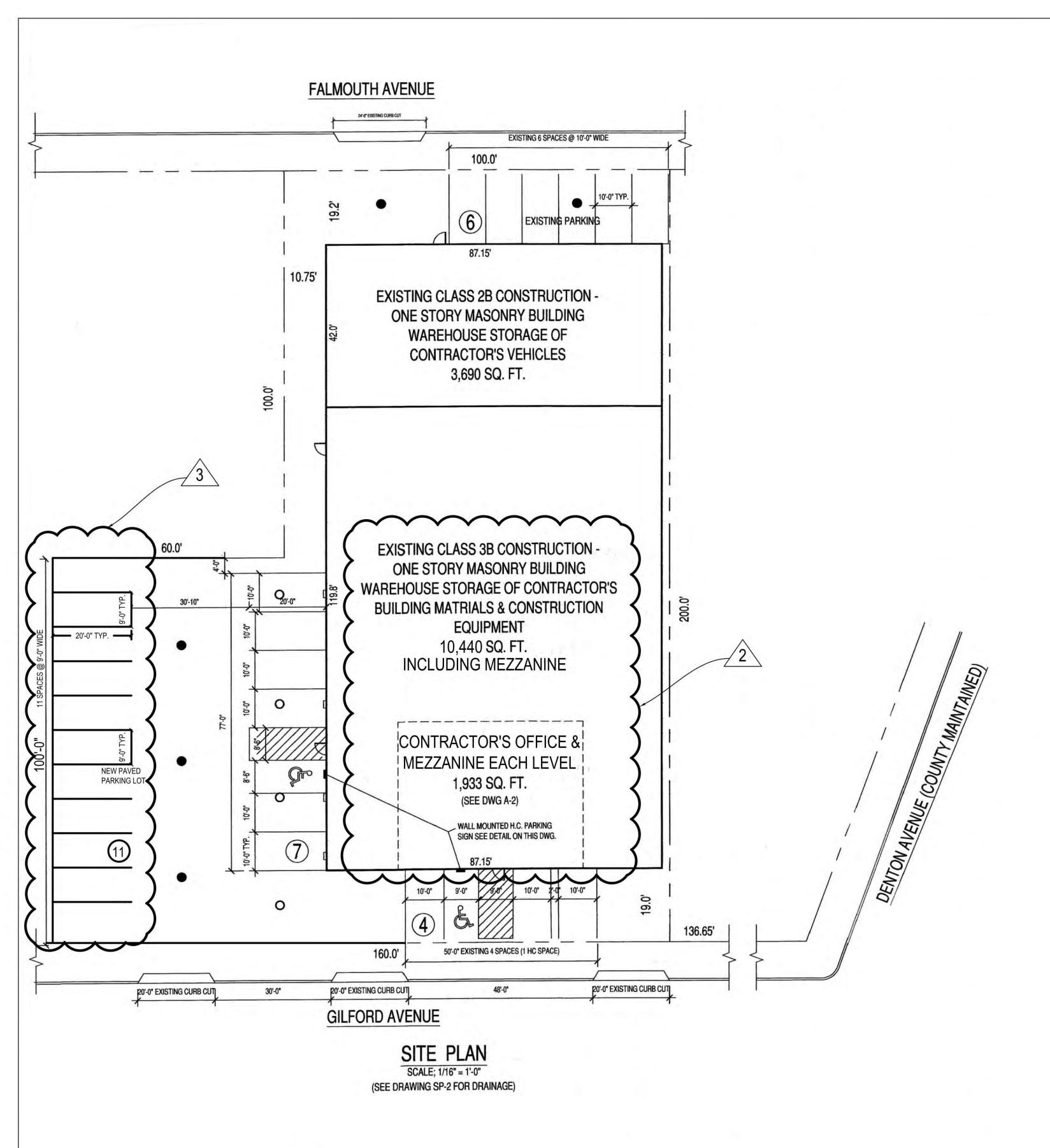
COMMONWEALTH O'LEARY REALTY, INC. 1833 GILFORD AVE NEW HYDE PARK, NY 11040

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	PROJECT	
	RAISE EXISTING WAREHOUSE ROOF STRUCTURE AND ADD INTERIOR OFFICES	
	ENGINEER	
	ANTHONY F. MARMO, P.E.	
	AFM INSPECTIONS & ENGINEERING, PLLC 204 JERICHO TURNPIKE SUITE R FLORAL PARK, NY 11001 OFFICE : (516) 354-1030	
	PROPERTY ZONING INFO. ADDRESS: 1833 GILFORD AVE	
	NEW HYDE PARK, NY 11040	
	SECTION: 8 BLOCK: 190 LOT: 15-19,37-44	
	PRIMARY ZONING: INDUSTRIAL "B"	
	OCCUPANCY CLASS: INDUSTRIAL	
	BUILDING DEPT.:	
	ZONING MAP#:	
	OWNER:	
	DRAWN BY: MMG	
	CHECKED BY: AFM	
	DRAWING SIZE: 24"x36"	
	DRAWING DATE: 03/11/2023	
	SEAL	
	UUUE OF NEW FRANCOS WAS	
	REVISION REV. 0 07/10/2023 FINAL RECORD	
	TITLE	
	EXTERIOR ELEVATIONS	
	DEPARTMENT OF BUILDINGS RECORD #	
	SHEET	
	AB-A-700.00	
AS-BUILT	<u>9</u> of <u>9</u>	

DISAPPROVED

Michael Maracic

05/06/2024



GENERAL NOTES

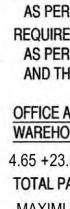
- 1. CONTRACTOR SHALL CHECK AND VERIFY ALL EXISTING CONDITIONS AND CHECK ALL DIMENSIONS AT THE BUILDING IN THE FIELD BEFORE STARTING WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CHANGE AND DEVIATION FROM THE APPROVED PLAN. ANY DISCREPANCIES SHOULD BE IMMEDIATELY REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH ANY WORK THAT DEVIATES FROM THE APPROVED PLAN.
- 2. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS AND FILE ALL APPLICATION FORMS, TEST REPORTS, UNDERWRITER'S CERTIFICATES, ETC. 3. CONTRACTOR SHALL COORDINATE THE WORK WITH THAT OF OTHER
- SUBCONTRACTORS AND SUPPLIERS, WHETHER ENGAGED BY HIM OR THE OWNER. 4. CONTRACTOR SHALL PATCH AND REPAIR ALL SURFACES OPENED BEFORE THE
- INSTALLATION OF ANY NEW WORK AND REPAIR ALL EXISTING AREAS DAMAGED DURING THE PERFORMANCE OF THE WORK. 5. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE NEW YORK STATE
- BUILDING CODE, NEW YORK STATE LABOR LAW, AND ALL REGULATIONS OF NEW YORK STATE AND OTHER GOVERNMENT AGENCIES, INCLUDING THE TOWN OF NORTH HEMPSTEAD DEPARTMENT OF BUILDINGS. ALL PERMITS SHALL BE PROPERLY DISPLAYED AT THE JOB SITE.
- 6. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED DEPARTMENT OF BUILDINGS PERMITS PRIOR TO START OF WORK, INCLUDING ELECTRICAL PERMITS. 7. ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.
- 8. LOCATION OF EVERY EXIT SHALL BE CLEARLY INDICATED BY EXIT SIGNS PLACED AS REQUIRED AT ANGLE WITH EXIT OPENING. INSTALL DIRECTIONAL SIGN TO SERVE AS GUIDES FROM ALL PORTIONS OF THE FLOOR SO THAT ALL EXITS ARE CLEARLY VISIBLE.
- 9. EXIT SIGNS SHALL BE INTERNALLY LIGHTED, ELECTROLUMINESCENT, HAVING AN INITIAL BRIGHTNESS OF LETTER OF AT LEAST 25 FEET LAMBERTS. LETTERS SHALL BE RED, THE BACK ROUND SHALL BE WHITE. LETTER SHALL BE BLOCK LETTERING AT LEAST 6" HIGH WITH 9/16" STROKES.
- 10. PENETRATIONS IN OPENING OF WALLS OR PARTITIONS, FOR PIPE SLEEVES, ELECTRIC DEVICES, ETC., SHALL BE PACKED, SEALED, LINED OR OTHERWISE ISOLATED TO MAINTAIN THE REQUIRED STC RATING AND THE REQUIRED FIRESTOPPING RATING.
- 11. ALL ELECTRICAL WORK TO BE DONE IN ACCORDANCE WITH ANY AND ALL APPLICABLE CODES. WORK DEEMED UNACCEPTABLE BY THE ARCHITECT IS TO BE REPLACED BY THE GENERAL CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE. 13. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR FOR FINAL CLEANUP. ALL WALLS AND TRIM TO BE DUSTED, ALL TITLE, METAL AND GLASS TO BE WASHED, ALL FLOORS TO BE SWEPT AND VACUUMED. WRITTEN DIMENSION ON THESE DRAWING SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS.
- 14. CONTRACTORS SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND MISALIGNMENT ACCORDING TO APPLICABLE CODES, STANDARDS, AND GOOD PRACTICE.

2" THK. AFTER COMPACTION -WEARING COURSE ON ASPH. CONC. TYPE 36D.

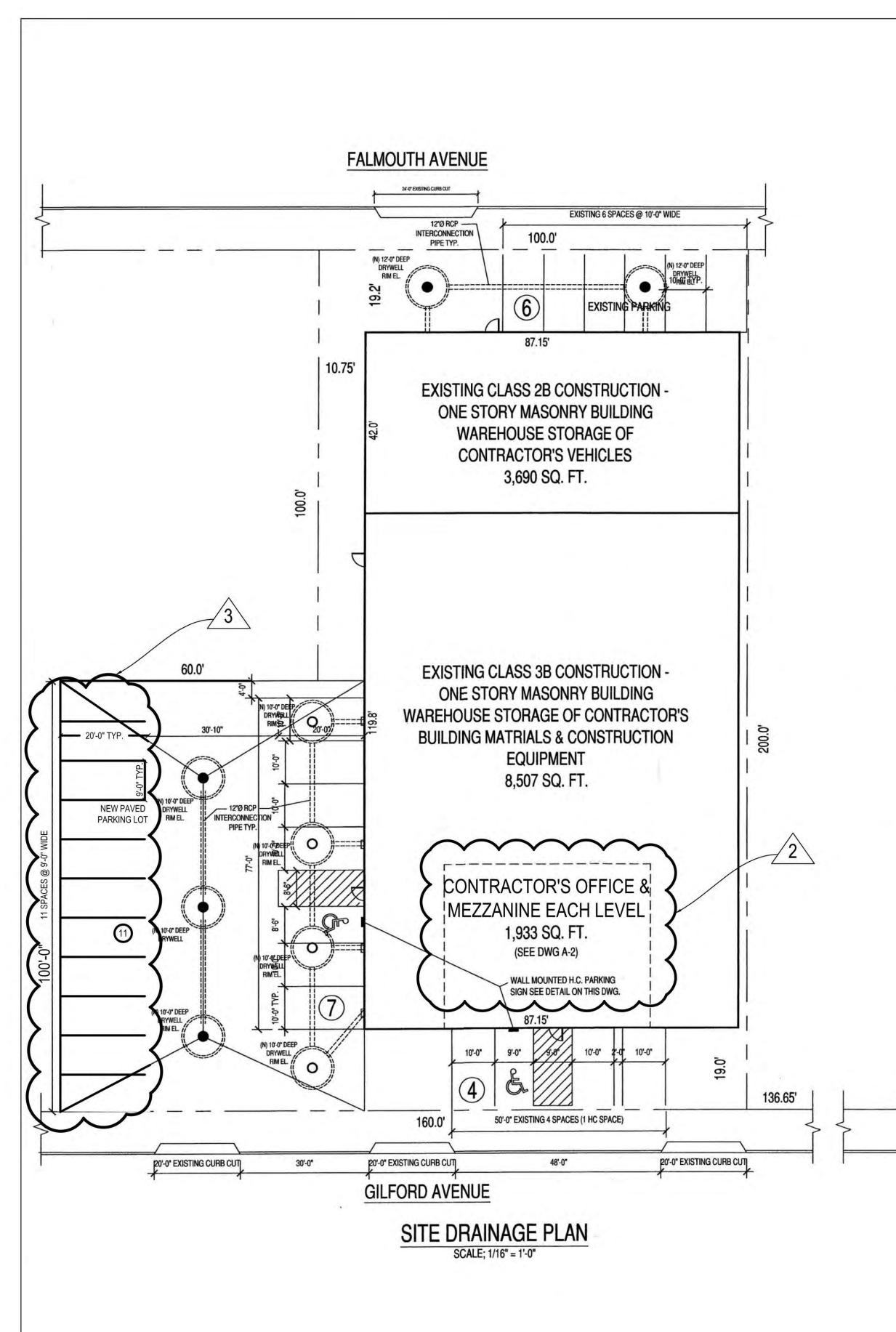
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5" BASE COURSE CRUSHED STONE OR AN APPROVED RECYCLED ASPHALT/CONCRETE (MIN. 95% COMPACTION)

> **ON-SITE PAVING DETAIL** SCALE; NTS



ZONNG AND PARKING CALCULATIONS WEININGTHEN F BIT REAL ADDRESS ALL AND PARE ALL PARES ALL CALCULATIONS WEINING ALL CALCULATIONS WEINING ALL CALCULATIONS AN EMBERSTANK REAL PROCESS ALL PARES ALL PARES AND PARES ALL PARES PARES ALL PARE				
Marine Difference and the state of the stat	ZONE : INDUS SITE AREA : 26 MAX ALLOWAE ACTUAL BUILD REQUIRED PA AS PER SEC REQUIRED PA AS PER SEC AND THEN 1	STRIAL "B" 26,000SQ.FT. BLE BUILDING AREA : 80% OF SITE AREA OR 20,800 SQ. FT. DING AREA : 14,130 SQ. FT OK ARKING FOR INDUSTRIAL / STORAGE BUILDING CTION ZR 70-103 - 1 SPACE / 600 SQ. FT. OF GROSS BUILDING AREA ARKING FOR OFFICE OCCUPANCY CTION ZR 70-103 - DEDUCT FIRST 1,000 SQ. FT. I SPACE / 200 SQ. FT. OF GROSS OFFICE AREA ZONIN	COMMONWEALTH O'L REALTY, INC. 1833 GILFORD AV NEW HYDE PARK, NY	Έ
AT MINSPECTIONS & ENGINEERING 2014 JERCHO TURNPRES 2014 JERCHO TURNPRES	WAREHOUSE 4.65 +23.55 = 2 TOTAL PARKIN MAXIMUM A NEEDED FO HC PARKING	AREA = 14/30 SQ. FT. / 600 = 23.55 SPACES REQUIRED BLOC 28.2 TOTAL SPACES REQUIRED NG = 29 PARKING SPACES PROVIDED - N.G. VARIANCE NEEDED LOT: 1 AVAILABLE PARKING IS 28 SPACES, VARIANCE OR 1 LESS THAN REQUIRED 29 SPACES G REQUIRED AS PER N.Y.S B.C. TABLE 1106.1	K: 190 5-19, 37-44 : INDUSTRIAL "B" ROOF STRUCTURE AN INTERIOR OFFICE	D ADD
H.C. SIGN ELEVATION SCALE; NTS NOTES • SECTION 505 OF THE 2020 NYS BC STATES OCCUPANCY LOAD OF A MEZZANINE IS 500 SF PER PERSON. 1933 SF /500SF = 3.87 OF A PERSONS. PER C5 05.2.3; EXCEPTION NO. 1, THE MEZZANINE DOES NOT NEED TO BE ENCLOSED IF THE OCCUPANCY IS LESS THAN 13.3% OF THE BUILDING, THIS IS LESS THAN 33.3% OF THE ENTIRE BUILDING'S SIZE. PER SECTION 505.2.1 A MEZZANINE IS LESS THAN 33.3% OF THE BUILDING, SO THE MEZZANINE IS LESS THAN 33.3% OF THE BUILDING, SO THE MEZZANINE AND SIZE ARE ACCEPTABLE. • SECTION 505.2.2, MEANS OF EGRESS, REFERS TO SECTION 1006.2; FOR A SINGLE MEANS OF EGRESS IS ACCEPTABLE PER TABLE 1006.2.1, AND TABLE 1006.3.2. REVISION NOTHE BUILDING, THIS IS LESS THAN 33.3% OF THE MEZZANINE AND SIZE ARE ACCEPTABLE • SECTION 505.2.2, MEANS OF EGRESS, REFERS TO SECTION 1006.2; FOR A SINGLE MEANS OF EGRESS. IS ACCEPTABLE PER TABLE 1006.2.1, AND TABLE 1006.3.2. • REVISION • MEVENDE • A SINGLE MEANS OF EGRESS. A SINGLE MEANS OF EGRESS. IS ACCEPTABLE PER TABLE 1006.2.1, AND TABLE 1006.3.2. • TITLE • MEVENDE • A SINGLE MEANS OF EGRESS. A SINGLE MEANS OF EGRESS. IS ACCEPTABLE PER TABLE 1006.2.1, AND TABLE 1006.3.2.			AFM INSPECTIONS & ENGINEER 204 JERICHO TURNPIK SUITE R FLORAL PARK, NY 1100	RING, PLLC E
NOTES • SECTION 505 OF THE 2020 NYS BC STATES OCCUPANCY LOAD OF A MEZZANINE IS 500 SF PER PERSON. 1933 SF/ 500SF = 3.87 OR 4 PERSONS. PER BC 505.2.3, EXCEPTION NO. 1, THE MEZZANINE DOES NOT NEED TO BE ENCLOSED IF THE OCCUPANCY IS LESS THAN 10. • THE AREA OF THE MEZZANINE IS 1933 SF/14,130 SF = 13.6% OF THE BUILDING. THIS IS LESS THAN 33.3% OF THE ENTIRE BUILDING'S SIZE. PER SECTION 505.2.1 A MEZZANINE IS LESS THAN 33.3% OF THE BUILDING, SO THE MEZZANINE AND SIZE ARE ACCEPTABLE. • SECTION 505.2.2, MEANS OF EGRESS. A SINGLE MEANS OF EGRESS IS ACCEPTABLE PER TABLE 1006.2.1, AND TABLE 1006.3.2. NEW STARE PER TABLE 1006.2.1, AND TABLE 1006.3.2. NEW STARE PER TABLE 1006.2.1, AND TABLE 1006.3.2. TITLE ITTLE SITE PLAN		H.C. SIGN ELEVATION	ADDRESS: 1833 GILFORD AVE NEW HYDE PARK, NY 11040 SECTION: 8 BLOCK: 190 LOT: 15-19,37-44 PRIMARY ZONING: INDUSTRIAL "B" OCCUPANCY CLASS: INDUSTRIAL	
SITE PLAN		SECTION 505 OF THE 2020 NYS BC STATES OCCUPANCY LOA A MEZZANINE IS 500 SF PER PERSON. 1933 SF/ 500SF = 3.8 4 PERSONS. PER BC 505.2.3, EXCEPTION NO. 1, THE MEZZAN DOES NOT NEED TO BE ENCLOSED IF THE OCCUPANCY IS LE THAN 10. THE AREA OF THE MEZZANINE IS 1933 SF/14,130 SF = 13.69 THE BUILDING. THIS IS LESS THAN 33.3% OF THE ENTIRE BUILDING'S SIZE. PER SECTION 505.2.1 A MEZZANINE IS LESS THAN 33.3% OF THE BUILDING, SO THE MEZZANINE AND SI ARE ACCEPTABLE. SECTION 505.2.2, MEANS OF EGRESS, REFERS TO SECTION 10 FOR A SINGLE MEANS OF EGRESS. A SINGLE MEANS OF EGR	OWNER: DRAWN BY: MMG CHECKED BY: AFM DRAWING SIZE: 24"x36" DRAWING DATE: 03/11/2023 SEAL SEAL SEAL OO6.2 RESS REVISION REVISION REV.0 07/10/2023 FOR TOWN BO/ REV.1 07/30/2023 FOR TOWN BO/ REV.2 12/28/2023 FOR TOWN BO/ REV.3 03/11/2023 CHANGE PARKING	NDMENT ARD APPROVAL
DISAPPROVED Michael Maracic			SITE PLAN	



SITE DRAINAGE CALCULATIONS

AREA #1

BUILDING AREA - HIGH ROOF AREA = 3,690 SQ. F SITE AREA # 1 = 19.17' X 100.0' + 10.75 X 61.2 = 1917 + 657.9 = 2,574.9

TOTAL AREA # 1 = 3,690 + 2,574.9 = 6,264.9 6,294.9 X 1 X .25 = 1,566.23 CU. F 1,566.23 / 68.42 = 22.89 / 2 = 11.44 FT. DEE

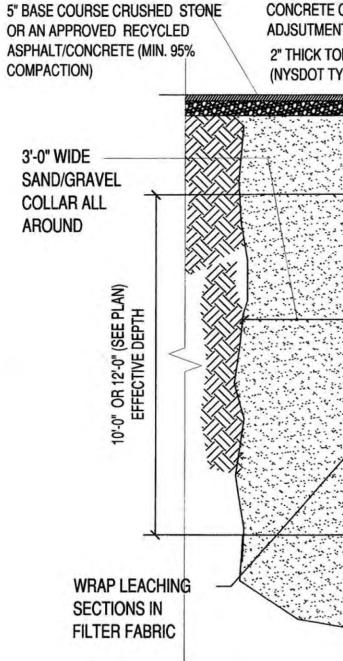
(2) 10'-WIDE X 12' DEEP DRYWELLS PROVIDED @ FALMOUTH AVENUE

AREA #2

BUILDING AREA - LOW ROOF AREA = 10,440 SQ. I 10,440 X 1 X .25 = 2,610.14 CU. F 2,610.14 / 68.42 = 38.15 / 4 = 9.53 FT. DEEF

(4) 10'-WIDE X 10' DEEP DRYWELLS FOR LOW ROOF DRAINAGE PROVIDED SITE AREA # 2 = 60.00' X 100.0' + 19 X 87.15 + 38.8 TOTAL SITE # 2 = 6000 + 1656 + 417.1 = 8,073.1 S

8,703.1 X 1 X .25 = 2,018.25 CU. F 2,018.25 / 68.42 = 29.50 / 3 = 9.83 FT. DEEP (3) 10'-WIDE X 10' DEEP DRYWELLS PROVIDED @ GILFORD AVENUE



6'-0" MIN. PENETRATION INTO – VIRGIN STRATA OF SAND/GRAVEL



NOTES:

1. CONTRACTOR MAY USE A DOM NESSESARY BY AN ENGINEERIN REQUIRED STORMWATER CAPAC

2. FOR ALL DRAINAGE STRUCTU OF MORTAR ALONE SHALL BE US CAST-IN-PLACE CONCRETE OR A

3. BRICK USED FOR ADJUSTMEN CHIMNEY ELEMENTS SHALL COM

DRYWELL DETAIL

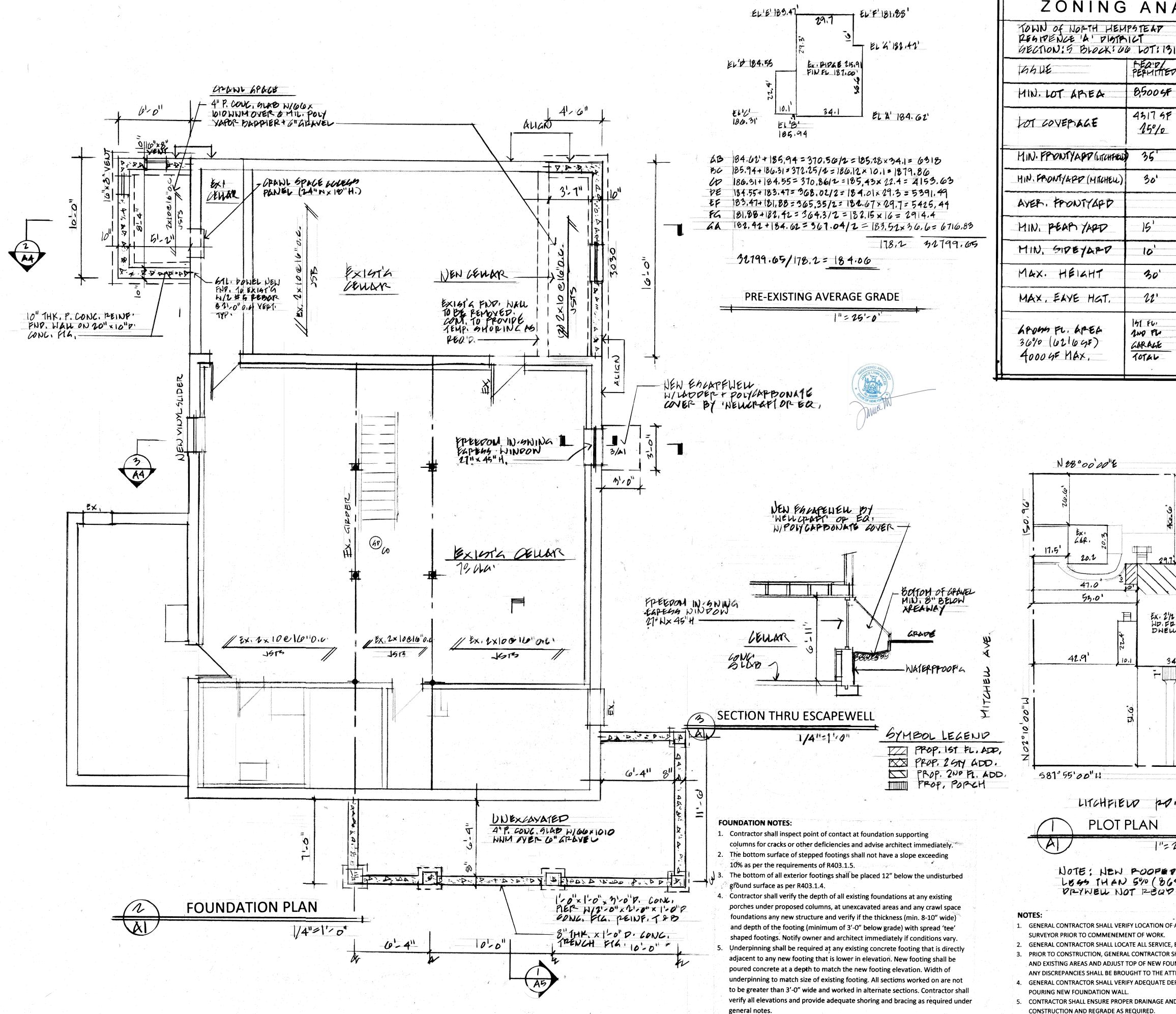
INTAINED

DENTON AVENUE (COUNTY MAIL

SCALE; 3/8" = 1'-0"

		OWNER/CLIENT
т.	NOATH HTRON	COMMONWEALTH O'LEARY REALTY, INC. 1833 GILFORD AVE NEW HYDE PARK, NY 11040
FT.		
FT. FT. T.	ZONING DATA SECTION: 8 BLOCK: 190 LOT: 15-19, 37-44 ZONE: INDUSTRIAL "B"	PROJECT RAISE EXISTING WAREHOUSE ROOF STRUCTURE AND ADD INTERIOR OFFICES ENGINEER
8 X 10.75 = SQ. FT. FT.		ANTHONY F. MARMO, P.E. AFM INSPECTIONS & ENGINEERING, PLLC 204 JERICHO TURNPIKE SUITE R FLORAL PARK, NY 11001 OFFICE : (516) 354-1030
		PROPERTY ZONING INFO. ADDRESS: 1833 GILFORD AVE NEW HYDE PARK, NY 11040 SECTION: 8 BLOCK: 190 LOT: 15-19,37-44 PRIMARY ZONING: INDUSTRIAL "B" OCCUPANCY CLASS: INDUSTRIAL BUILDING DEPT.: ZONING MAP#: OWNER:
		CHECKED BY: AFM
OP COURSE ASPHALT	ATE LL DRYWERAFFIC BEARING PRECAST CONCRETE TOP SLAB	DRAWING SIZE: 24"x36" DRAWING DATE: 03/11/2023
LEACHING PIPE (SECTION DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	FINISHED GRADE	SEAL
SCALE; 1/4" = 1'-0"		
ME COVER FOR RESIDENTIAL ROOF LEACHING POOLS ON NG INSPECTOR. THE VOLUME OF A DOME COVER SHALL N ACITY.		
URES, A MAXIMUM OF 6 INCHES OF BRICK AND MORTAR O JSED FOR FRAME AND GRATE ADJUSTMENT. FOR ADJUST		
A PRECAST CONCREPTE SHIMNEY ELEMENT SHALL BE OS NT SHALL CONFORM TO THE NYSDOT SECTION 704-13 ANI INFORM TO SECTION 706-04. Michael Maracic 05/06/2024	ED.	SHEET

Information indicated on these plans obtained from a field observation by the architect. The Architect does not assume any liability for concealed or hidden construction that does not Conform to code. The homeowner is responsible to reveal concealed/underground conditions at the inspector's request. Any work not conforming to these drawings is not the responsibility of the architect.



#21648

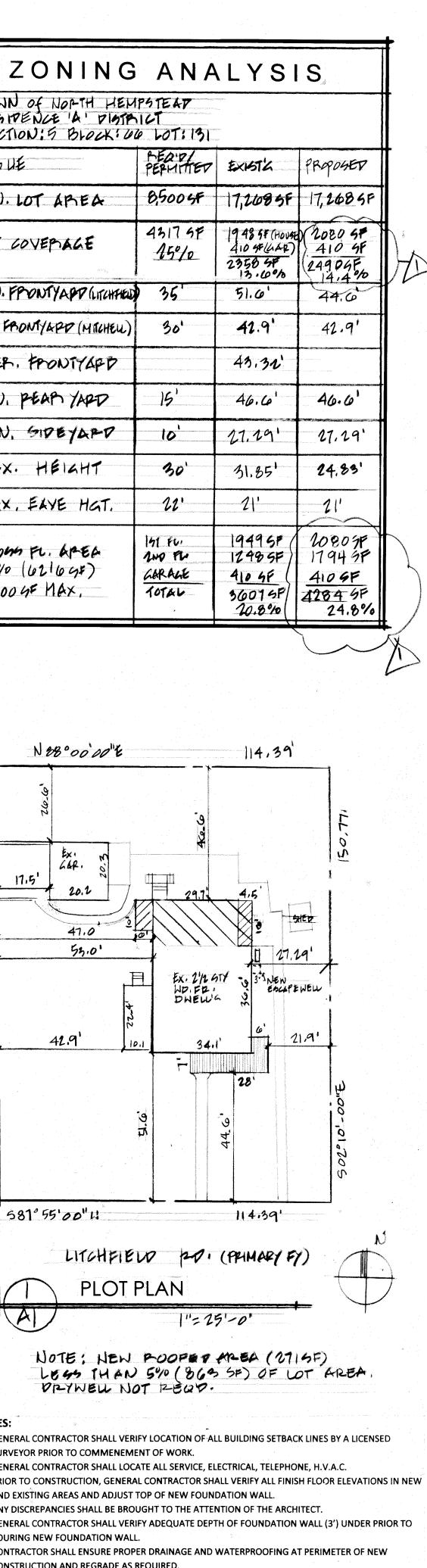
8,5005F MIN. LOT AREA 4317 SF LOT COVEMAGE 150/0 MIN. FRONTYAPP (LITCHFHED) HIN. FRONT/APP (MITCHELL) 30' AVER, FRONTYARD 15' MIN, PEAR YARD MIN, GIDEYAPP 10' MAX. HEIGHT 30' MAX, EAVE HGT. 22' 141 FU LADONS FL. LAPEA 2ND FL 36% (62 695) GARAGE 4000 45 MAX, TOTAL

> LLF. 20.2 47.0 53.0' EX. 21/2 GTY WD. FD. DHELUG 42.9 581° 55'00" 1

> > NOTE: NEW POOPER AREA (2715F) LEGS THAN 540 (863 SF) OF LOT AREA. DRYWELL NOT READ.

PLOT PLAN

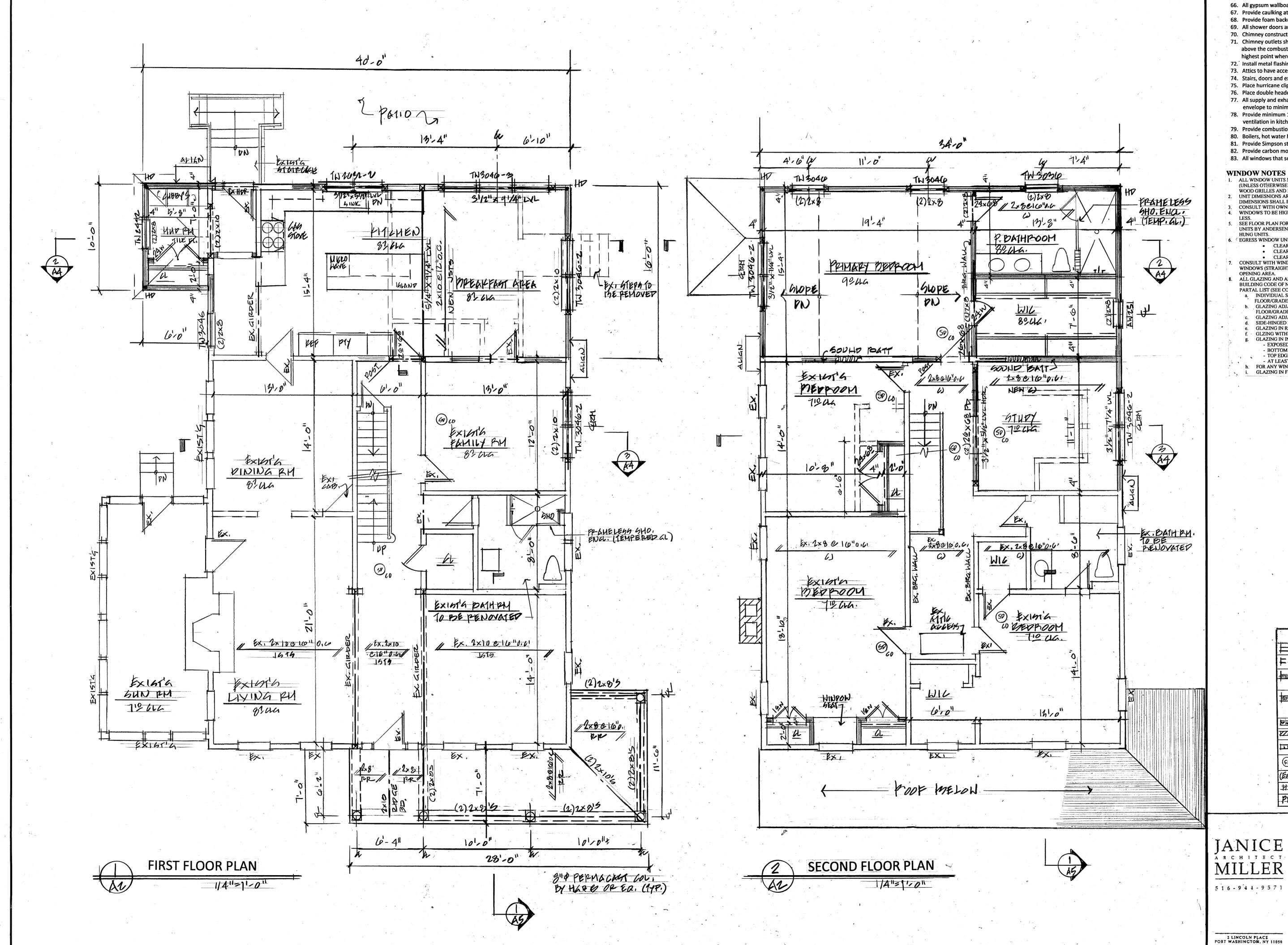
- 1. GENERAL CONTRACTOR SHALL VERIFY LOCATION OF ALL BUILDING SETBACK LINES BY A LICENSED SURVEYOR PRIOR TO COMMENEMENT OF WORK
- 2. GENERAL CONTRACTOR SHALL LOCATE ALL SERVICE, ELECTRICAL, TELEPHONE, H.V.A.C. 3. PRIOR TO CONSTRUCTION, GENERAL CONTRACTOR SHALL VERIFY ALL FINISH FLOOR ELEVATIONS IN NEW
- AND EXISTING AREAS AND ADJUST TOP OF NEW FOUNDATION WALL. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. 4. GENERAL CONTRACTOR SHALL VERIFY ADEQUATE DEPTH OF FOUNDATION WALL (3') UNDER PRIOR TO
- POURING NEW FOUNDATION WALL.
- 5. CONTRACTOR SHALL ENSURE PROPER DRAINAGE AND WATERPROOFING AT PERIMETER OF NEW
- CONSTRUCTION AND REGRADE AS REQUIRED.



GENERAL NOTES 1. These general notes are part of the plans and specs and are to be complied with in all respects. More restrictive notes mentioned elsewhere are to take precedence over these notes.

- All construction shall comply with the rules and regulations of the building code of N.Y. state and local towns and/or villages and other agencies having jurisdiction over the required work for this project. This shall not be construed to mean that any requirements setforth on the drawings may be modified because they are not specifically required by code.
- Contractor shall inspect premises and verify all dimensions and job conditions prior to submitting bid. Any discrepancies or ambiguities shall be brought to the attention of the architect. No construction or demolition work to commence before building department having jurisdiction
- issues a building permit. . All contractors shall be fully covered by workmen's compensation insurance and such insurance as maybe required by local laws.
- Contractor shall guarantee for a period of (1) year from the date of final completion and acceptance by the owner all work performed under their respective contracts.
- Owner to provide building permit, survey and final survey. 8. Contactor to expedite the work and establish with owner a completion date.
- 9. Do not scale drawings, written dimensions supercede scaled dimensions.
- 10. If during the course of construction, a condition exists which differs from that indicated on the plans, contractor to notify owner/architect of any discrepancies prior to continuation of the work. Should he fail to follow this procedure he assumes all responsibility and liability arising therefrom.
- 11. All work listed on the construction plans and shown or implied on all drawings shall be supplied by the contractor whose building trade status requires same. 12. Contractor shall provide all necessary support, bracing, shoring, etc. as maybe required for the
- construction of the project and restore any portion of building damaged during alteration. 13. Contractor shall provide and install temporary partitions, fencing, lighting, etc. to protect existing
- construction so the owner may continue to occupy the building in a safe and sanitary manner. 14. Construction and removal of debris shall be carried out progressively in order to keep adjacent spaces as clean as possible.
- 15. Contractor shall repair, or replace, to match existing condition, all surfaces, trim, doors, etc. damaged during the progress of the work or the removal of which necessitated by the work.
- 16. Architect shall not be responsible for the contractor's execution of the work not according to plans and specifications. 17. Contactors shall, upon completion of their respective work, remove from the premises all debris.
- tools, excess materials and appurtenances, and to leave the premises in "broom clean" condition. 18. These drawings are to be utilized only for this project. SITEWORK
- 19. Contractor shall strip topsoil from location of new construction and upon completion of construction topsoil to be replaced and raked clean, free of debris.
- 20. Grading around new construction shall slope away from house and blend into existing.
- 21. Excess fill to be removed from site, unless otherwise directed. 22. Final landscape by owner.
- 23. Contractor shall repair or replace existing walks, driveways, etc. damaged by construction. 24. Do not backfill against foundation walls unless they are properly braced by floor slabs, temporary shoring or balanced fill. Slabs to be placed on undisturbed soil or compacted fill free of all organic materials.
- 25. Provide 15# felt membrane over trowelled-on mastic for damproofing on all foundation walls. .26. Upon backfilling foundation, treat soil for termite protection in addition to providing termite shields and wolmanized sills.
- STRUCTURAL WORK
- 27. Dimensions shown on these plans are nominal.
- 28. Contractor shall field verify actual dimensions. 29. Dimensions for framing are for rough framing.
- 30. Contractor to provide any temporary shoring, underpinning, and/or temporary structural work required for the adequate execution to the job.
- **CONCRETE & FOUNDATIONS** 31. Soil bearing capacity assumed to be 3000 PSI, should poorer conditions be encountered, actual
- bearing capacity to be determined and footings to be redesigned. 32. All concrete work to conform to latest ACI code.
- 33. All concrete to be a minimum 3,500 PSI at 28 days, reinforcing steel shall conform to ASTM A-615 Grade 60. All foundations to be adequately braced prior to backfilling.
- 34. Contractor to provide and coordinate installation of all sleeves required to accommodate plumbing, mechanical and electrical trades.
- 35. Wall forms to be in place 3 days minimum.
- 36. Provide 2" x 4" keyway between footing and foundation wall.
- 37. All footings shall bear directly on undisturbed soil having a minimum safe bearing capacity of 2 tons/SF
- 38. All footings to have a 6" to 8" projection on each side of the wall above. Provide 3 #5 continuous rebars unless otherwise noted 39. All slabs on grade shall rest on 6" compacted base of clean sand or gravel. Install 6 mil polyethylene
- vapor barrier prior to casting slab. 40. All slabs on grade to have 6 x 6 W1.4 x W1.4 WWM reinforcing conforming to ASTM A185.
- 41. Bottom of footings shall be carried down at least 3 ft. below lowest level of adjoining ground or pavement surface.
- 42. Anchor bolts to be spaced 5/8" dia. x 12" long with 3" hook and 3" x #' washer spaced 36" o/c maximum. Provide 2 bolts at each corner spaced 1'-0" apart." STEEL
- 43. All structural steel to be A-36 22,000 PSI, latest edition.
- 44. All steel flitch plates to be through bolted with 5/8" steel bolts @ 16" O.C. staggered.
- 45. All steel to be shop painted prior to delivery.
- 46. All reinforcing bars to be continuous unless specific lengths are shown.
- 47. Typical cover for all reinforcing bars to be 3" for bars placed against earth and 2" for bars placed against forms unless otherwise noted.
- WOOD 48. All framing shall conform to the N.Y. state construction code. All beams construction grade, studs standard, rafters standard.
- 49. All wood in contact with concrete or masonry shall be pressure treated unless otherwise noted.
- 50. All joists, headers, beams and rafters to have 2" minimum bearing.
- 51. Provide collar ties at roof rafters as per state and local codes. 52. All framing lumber to be Douglas Fir #2 or better, grade marked.
- 53. All beams construction grade, studs standard, rafters standard construction mix. Structural lumber with higher grading will be indicated on plans.
- 54. Nominal sizes of lumber noted, actual sizes used for stress calculations.
- 55. Sheathing shall be $\frac{1}{2}$ cdx exterior grade fir plywood under roofing and finish siding.
- 56. Install bridging in all floor and flat roof joists, ceiling joists and beams where the nominal depth to thickness ratio of joist exceeds 6. Bridging shall be installed at 8'-0" o.c. max. and shall be 1" gauge metal cross bridging. 57. Wood joists supported by steel beams to be connected to 2" x 6" wood blocking bolted to steel beams
- with (2) ½" diameter bolts 4'-0" o.c. minimum wood joist lap is 4". 58. All dimensions are to stud faces or centerline of beams.
- 59. Double joists under all partitions parallel to same and around openings in floors and roofs.
- 60. All floor joists supporting bathroom fixtures shall be doubled or 12" o.c. whichever condition is deemed practical in the field.
- 61. All headers to be 2" x 8" unless otherwise noted.
- FINISH & MISCELLANEOUS WORK
- 62. Drywall shall be 5/8" gypsum wallboard at walls and ceilings with (3) coats tape and spackle finish, ready for paint
- 63. All drywall outside corners shall have metal bead. 64. Gypsum wall construction shall conform to the applicable requirements of standard specifications for the application and finishing of wallboard as approved by the ANSA.

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JANICE	STOLPER RESIDENCE 59 Litchfield Rd. Port Washington, N.Y.						
A R C H I T E C T MILLER 5 1 6 - 9 4 4 - 9 5 7 1	PLOT F PLAN	PLAN, Fa	PUNDATI	OH			
	REVISIONS		DATE 11/1/24				
2 LINCOLN PLACE PORT WASHINGTON, NY 11050	DRAWN	SCALE AS NOTED	FILE 2405	A1			



65.	Contractor shall repair, or replace all surfaces	, trim, doors	, etc. damaged	during the progress of the	e
	work.				

- 66. All gypsum wallboard to be screw applied.
- 67. Provide caulking at all wood/masonry and metal joints, exterior doors and windows.
- 68. Provide foam backer rod where required at deep joints. 69. All shower doors and other glass less than 24" A.F.F. to be tempered (min. 3/16" thickness.)
- 70. Chimney construction shall conform to chapter 10 IRC. 71. Chimney outlets shall not be lower than the top of any window within 20 feet, nor less than 2'
- above the combustible part of the roof or building within 10' but shall not be less than 3' above the highest point where the chimney passes through the roof IRC. 72. Install metal flashing around all roof penetrations.
- 73. Attics to have access and cross ventilation as per IRC.
- 74. Stairs, doors and exits shall comply with R311, R312 and R314 of IRC.
- 75. Place hurricane clips on all roof rafters.
- 76. Place double headers and trimmers around all stair and skylight openings. 77. All supply and exhaust intake and outlets to be equipped with tight shut damper at building
- envelope to minimize air leakage. 78. Provide minimum 100 cfm mechanical exhaust from bathrooms and 150 cfm mechanical
- ventilation in kitchen areas. 79. Provide combustion air for fuel burning equipment as per IRC.
- 80. Boilers, hot water heaters and fuel gas equipment as per IRC.
- 81. Provide Simpson strong tie joist hangers at all flush header conditions.
- 82. Provide carbon monoxide detector on each floor as per Nassau County Public Health ordinance 83. All windows that serve as emergency egress shall comply with R310 IRC.

WINDOW NOTES

- 1. ALL WINDOW UNITS SIZES AND MANUFACTURER CATALOG NUMBERS ARE ANDERSEN 400 SERIES (UNLESS OTHERWISE NOTED.) WITH PERMASHIELD FINISH, ARGON FILLED INSULATING GLASS, WOOD GRILLES AND INSECT SCREENS.
- UNIT DIMESNIONS ARE GIVEN FOR INFORMATIONAL PURPOSES ONLY. ROUGH OPENING DIMENSIONS SHALL BE VERIFIED AND DETERMINED IN THE FIELD.
- CONSULT WITH OWNER FOR ANY EXISTING WINDOW REPLACEMENTS. WINDOWS TO BE HIGN PERFORMANCE LOW-E TYPE< NFRC CERTIFIED WITH 'U' VALUE OF .35 OR
- SEE FLOOR PLAN FOR WINDOWS DESIGNATED FOR EGRESS. EGRESS WINDOWS TO BE CASEMENT UNITS BY ANDERSEN WITH MODIFIED COLONIAL DIVIDED LIGHT TO MATCH PROFILE OF DOUBLE
- HUNG UNITS. 6. *CEGRESS WINDOW UNITS SHALL MEET OR EXCEED THE FOLLOWING DIMENSIONS:*
 - CLEAR OPERABLE AREA OF 5.00 AT FIRST FLOOR CLEAR OPERABLE WIDTH OF 20 INCHES
 - CLEAR OPERABLE HEIGHT OF 24 INCHES
- CONSULT WITH WINDOW MANUFACTURER REGARDING APPROPRIATE HARDWARE FOR EGRESS WINDOWS (STRAIGHT ARM OR SPLIT ARM) WHEN SPECIFING CASEMENT WINDOWS FOR REQUIRED OPENING AREA. ALL GLAZING AND ASSEMBLIES SHALL COMPLY WITH SECTION R308 OF THE RESIDENTIAL
- BUILDING CODE OF NEWYORK STATE. PROVIDE SAFETY GLAZING IN THE FOLLOWING LOCATIONS -PARTAL LIST (SEE CODE FOR ADDITIONAL LOCATIONS:)
- a. INDIVIDUAL SIDELITES WITH 24" OF DOOR ARC & BOTTOM IS<60" ABOVE FLOOR/GRADE.
- b. GLAZING ADJACENT TO/WITHIN 36" OF STAIR, LANDINGS & RAMPS & BOTTOM IF <60" ABOVE FLOOR/GRADE. GLAZING ADJACENT TO STAIRS WITHIN 60" HORIZ. OF BOTTOM TREAD.
- SIDE-HINGED DOORS AND STORM DOORS

СНІТЕСТ

- GLAZING IN RAILINGS GLZING WITHIN TUBS AND SHOWERS
- GLAZING IN INDIVIDUAL PANELS MEETING ALL:
- EXPOSED AREA > 9 S.F. - BOTTOM EDGE < 18" ABOVE FLOOR
- TOP EDGE > 36" ABOVE FLOOR
- AT LEAST ONE WALKING SURFACE WITHIN 36" h. FOR ANY WINDOWS WITH THE BOTTOM EDGE LESS THAN 18" ABOVE THE FLOOR. i. GLAZING IN FIXED AND SLIDING OR HINGED PANELS OF GLASS DOORS. 25.1

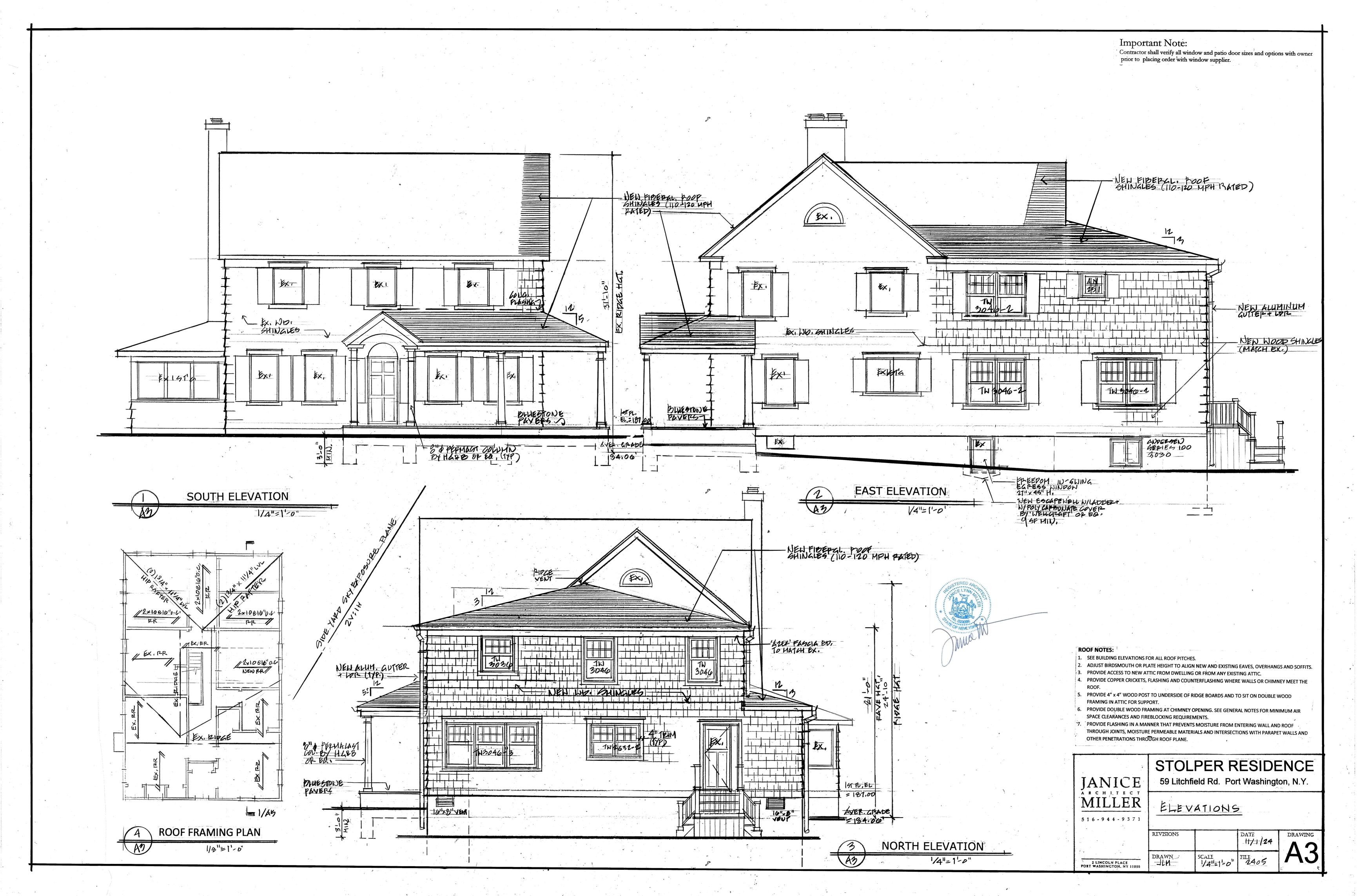


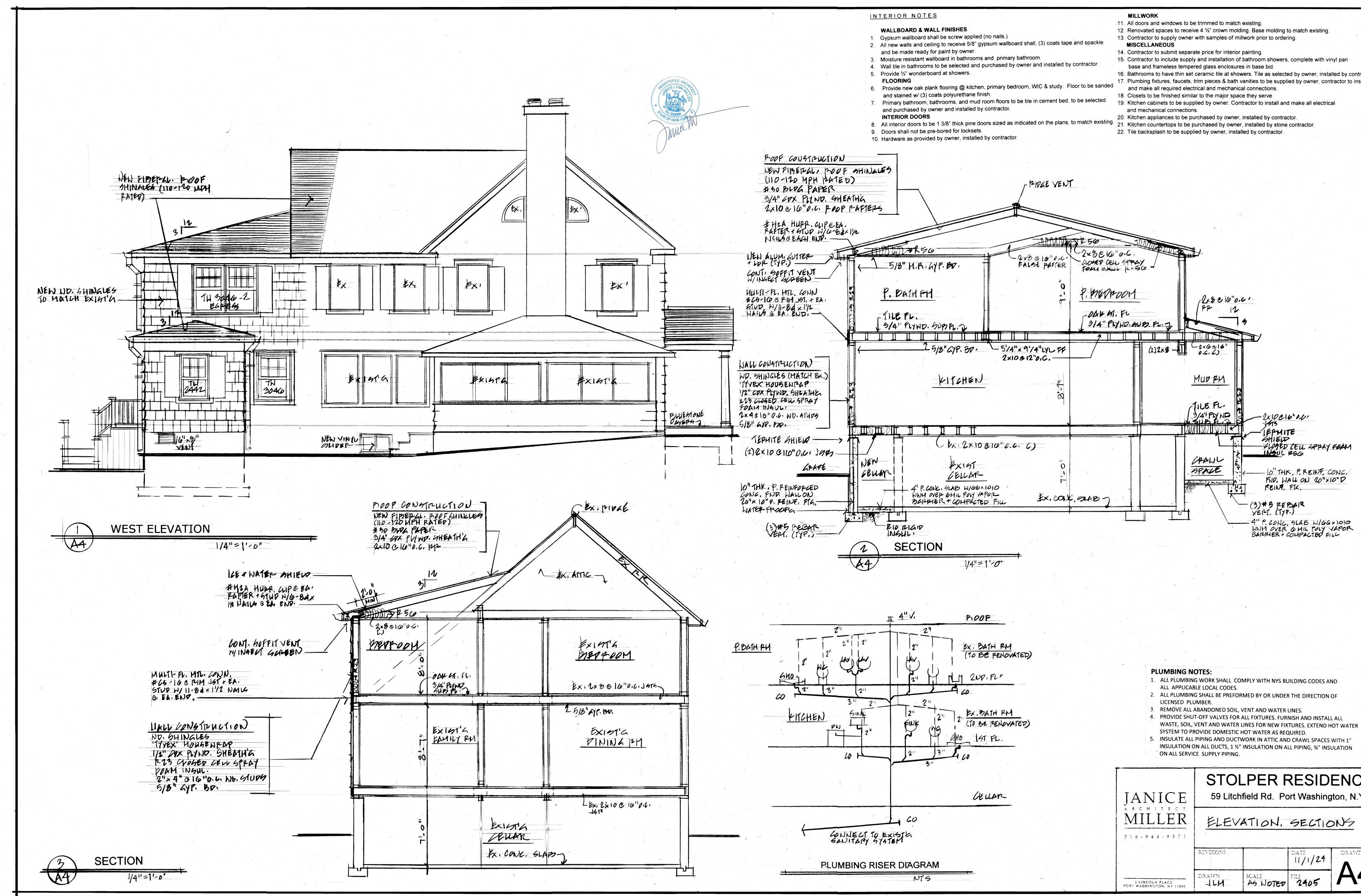
	SYMBOL LEGEND
	EXISTING CONSTRUCTION TO REMAIN
	EXISTING CONSTRUCTION TO BE REMOVED NEW WOOD FRAME WALLS: 2" x 4" WOOD STUDS @ 16" O.C. w/5/8" GYP BD. EACH SIDE.
	NEW EXTERIOR WALLS: 2" x 4" WOOD STUDS @ 16" O.C., INSULATION AS SPECIFIED, ½" CDX PLYWOOD SHEATHING, TYVEX HOUSEWRAP, SIDING AS SPECIFIED.
¥ZZ.	BRICK VENEER
tut	STONE VENEER
(SP)	NEW HARD WIRED SMOKE/CARBON MONOXIDE DECTECTOR
(Ett)	EGRESS WINDOW
封足	HOLD DOWN
PP	POCKET DOOR
T	

STOLPER RESIDENCE 59 Litchfield Rd. Port Washington, N.Y.

FIRGT & GELOND FL, PLANS

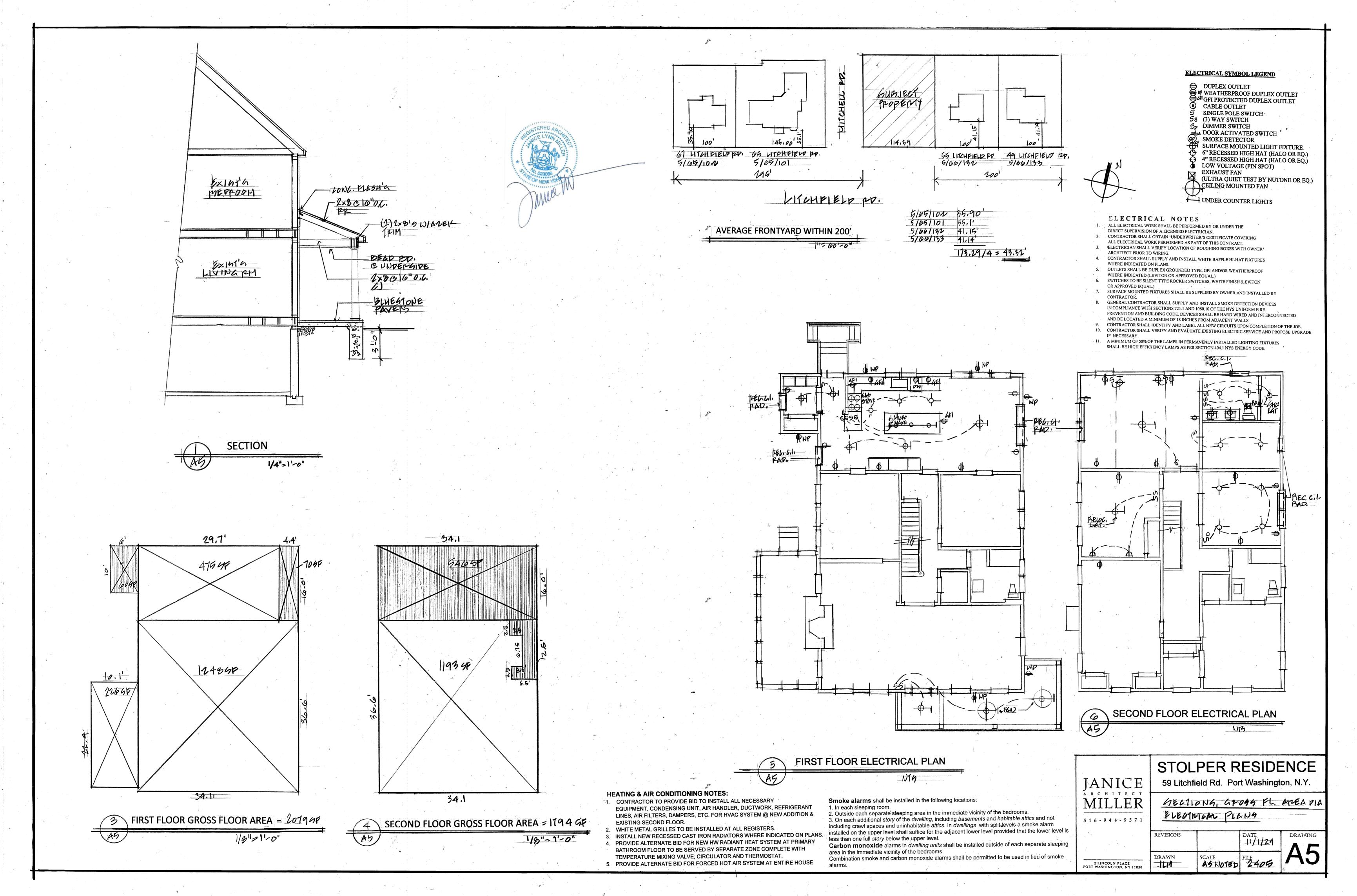
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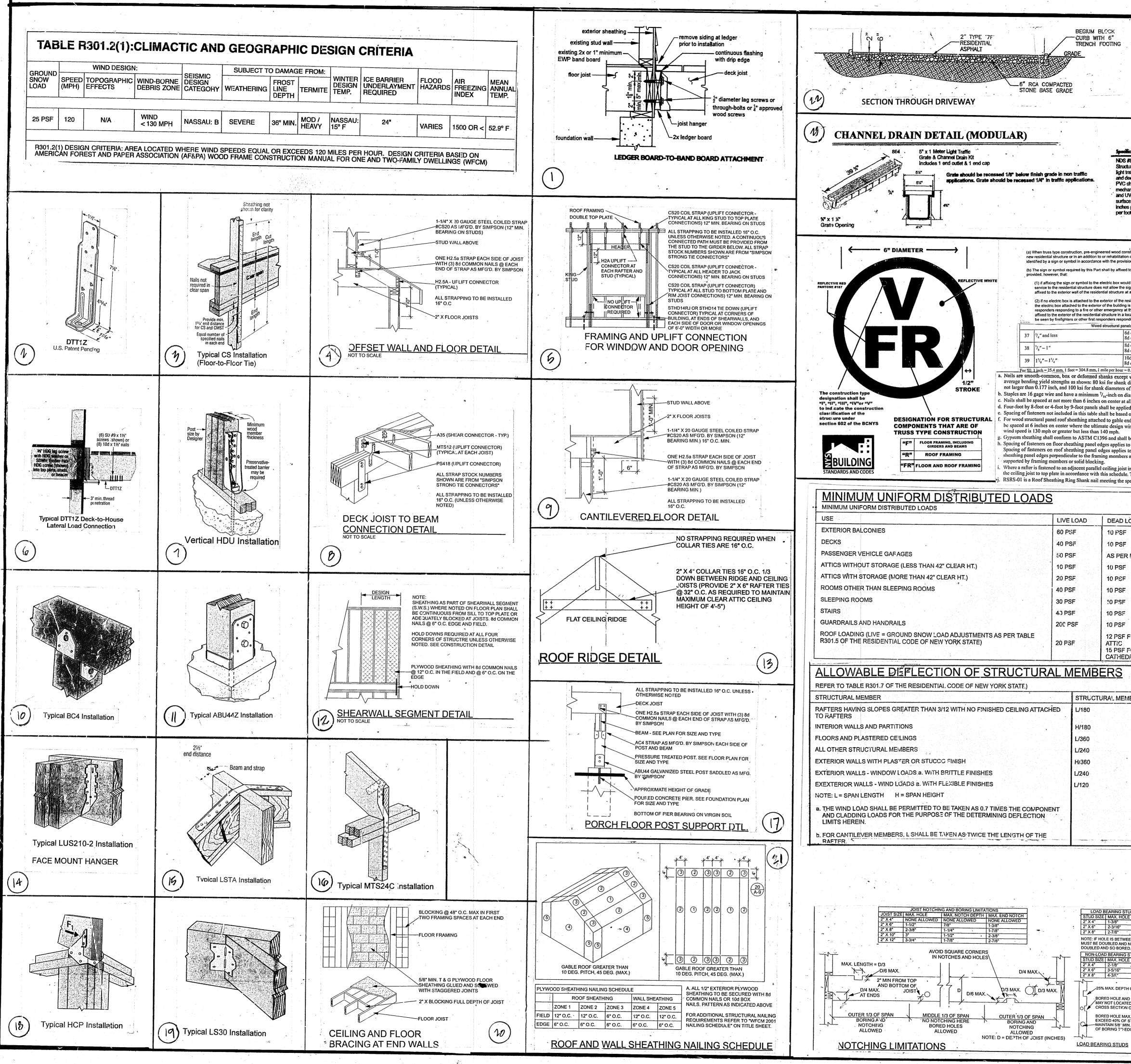




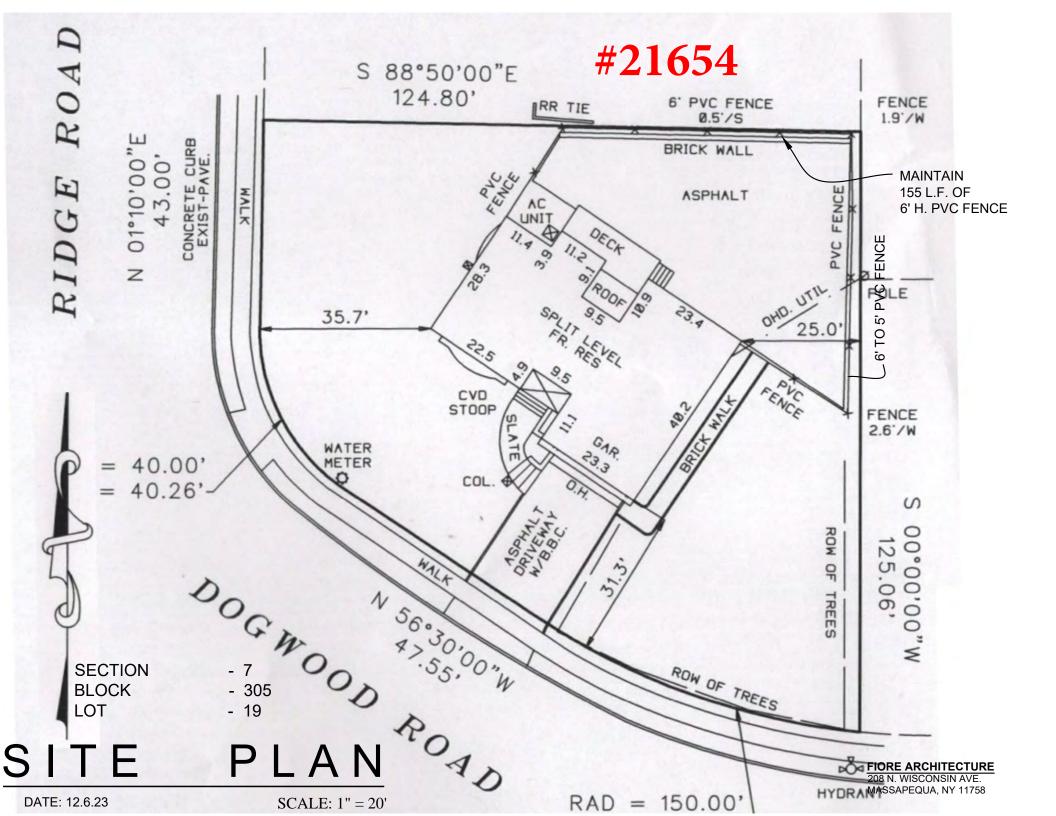
- 16. Bathrooms to have thin set ceramic tile at showers. Tile as selected by owner, installed by contractor. 17. Plumbing fixtures, faucets, trim pieces & bath vanities to be supplied by owner, contractor to install

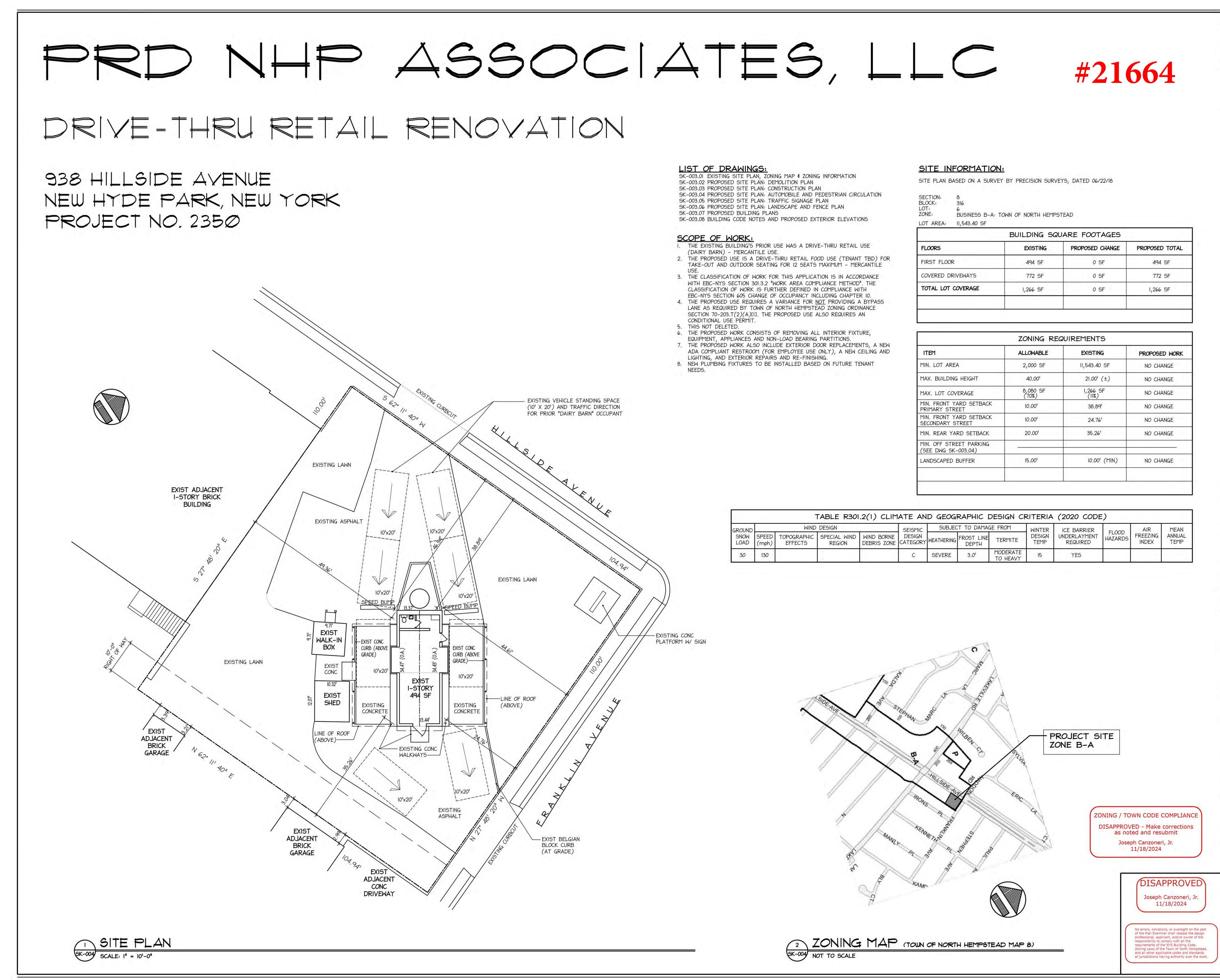
- STOLPER RESIDENCE 59 Litchfield Rd. Port Washington, N.Y. DRAWING **A4**

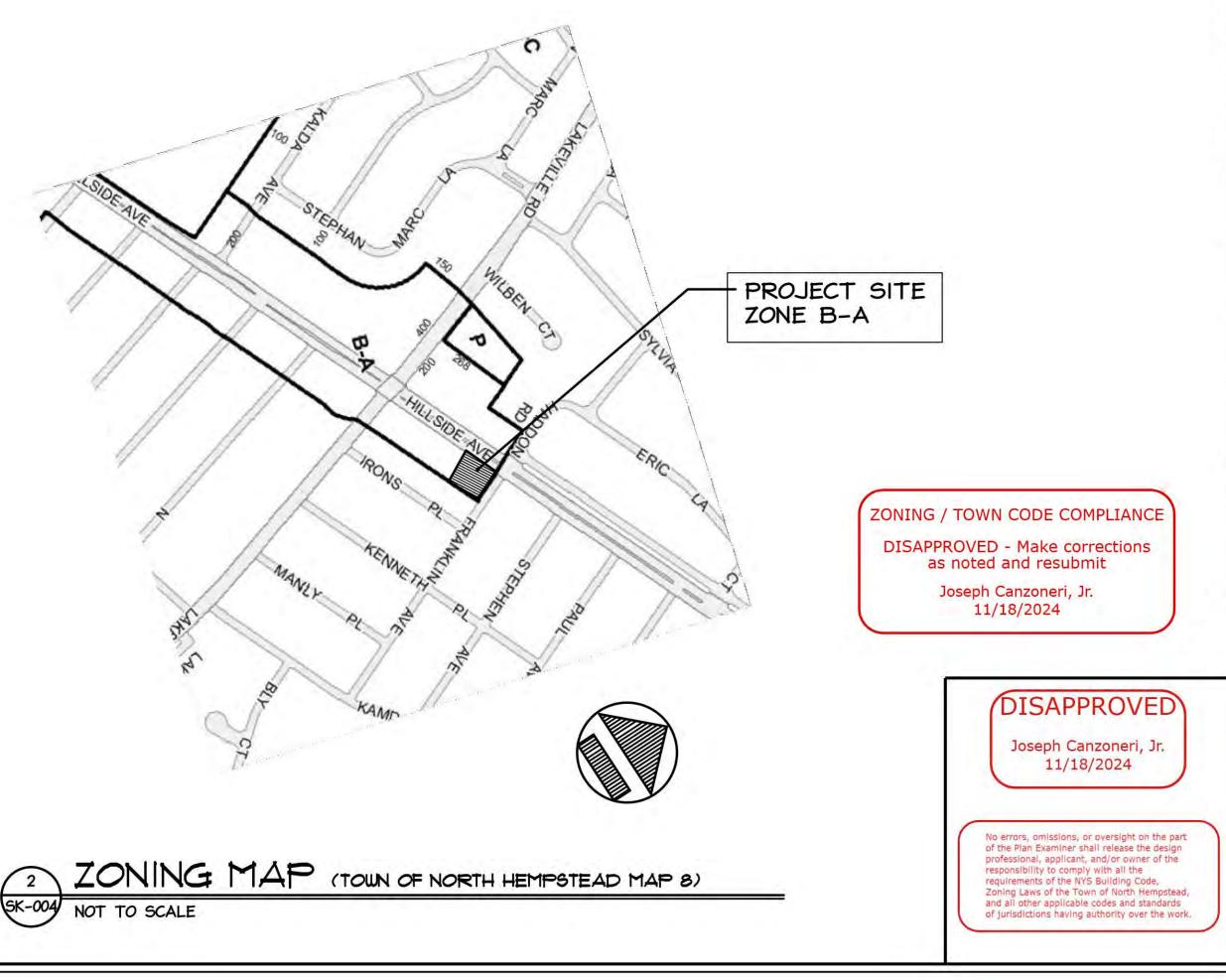




				IA	BLE R602.3(1) NING SCHEDULE	ć	
R502.9 Fastening. Floor framing shall be nailed in accor-	Π	ЕМ	DESCRIPTION OF BUILDING ELEMENT		NUMBER AND TYPE OF FASTENER***	SPACING AND I	OCATION
dance with Table R602.3(1). Where posts and beam or girder construction is used to support floor framing, positive con- nections shall be provided to ensure against uplift and lateral	Attended in the second second	1	Blocking between ceiling joists or rafters to top	p plate	Roof 4-8d box (2 ¹ / ₂ " × 0.113") or 3-8d common (2 ¹ / ₂ " × 0.131"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails	Тое па	il .
'displacement.	ter e e e e e e e e e e e e e e e e e e	2	Ceiling joists to top plate		4-8d box (2 ¹ / ₂ " × 0.113"); or 3-8d common (2 ¹ / ₂ " × 0.131"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails	Per joist, to	e nail
	3	5	Ceiling joist not attached to parallel rafter, laps partitions (see Section R802.5.2 and Table R	over (802.5.2)	4-10d box (3" × 0.128"); or 3-16d common (3 ¹ / ₂ " × 0.162"); or 4-3" × 0.131" nails	Face па	nil
	4	-	Ceiling joist attached to parallel rafter (heel joi (see Section R802.5.2 and Table R802.5.2)	- 	Table R802.5.2	Face па	iil
	. 5	; 0	Collar tie to rafter, face nail or 1 ¹ / ₄ " × 20 ga. ric rafter	lge strap to	3-10d common (3" × 0.148"); or 4-3" × 0.131" nails 3-16d box nails (3 ¹ / ₃ " × 0.135"); or	Face nail eac	h rafter
864, 5" Wide Iral Foam Polyclefin	- 6	I	lafter or roof truss to plate		3-10d common nails (3" × 0.148"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails	2 toe nails on one side on opposite side of ea truss	e and 1 toe nail ach rafter or
affic channel grate ep profile high impact hannel drain with nical interlocking joint V inhibitors. Open e area 25.12 square	7		Roof rafters to ridge, valley or hip rafters or roo to minimum 2" ridge beam		4-16d (3 ¹ / ₂ " × 0.135"); or 3-10d common (3" × 0.148"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails 3-16d box 3 ¹ / ₂ " × 0.135"); or 2-16d common (3 ¹ / ₂ " × 0.162"); or	Toe nai	
per foot. 32.91 GPN x.				-	3-10d box (3" × 0.128"); or 3-3" × 0.131" nails Wall 16d common (3 ¹ / ₃ " × 0.162")	End nai	
	8		tud to stud (not at braced wall panels) -		10d box (3" × 0.128"); or 3" × 0.131" nails	16" o.c. fac	
truction, and/or timber construction is utilized in the construction of a of an existing residential structure, such residential structure shall be ons of this Part.	9	5	tud to stud and abutting studs at intersecting w (at braced wall panels)	vall corners	16d box (3 ¹ / ₂ " × 0.135"); or 3" × 0.131" nails 16d common (3 ¹ / ₂ " × 0.162")	12" o.c. fac	e nail
o the electric box attached to the exterior of the residential structure;	10		Built-up header (2" to 2" header with $\frac{1}{2}$ " space	r)	16d common (3 ¹ / ₂ " × 0.162") 16d box (3 ¹ / ₂ " × 0.135") 5-8d box (2 ¹ / ₂ " × 0.113"); or	16" o.c. each edg 12" o.c. each edg	
I obscure any meter on the electric box, or if the utility providing electric on or symbol to be affixed to the electric box, the sign or symbol shall be a point immediately adjacent to the electric box; and sidential structure or if, in the opinion of the authority having jurisdiction,		1 0	Continuous header to stud		4-8d common (2 ¹ / ₂ " × 0.131"); or 4-10d box (3" × 0.128") 16d common (3 ¹ / ₂ " × 0.162")	Тое паї 16" о.с. face	
s not located in a place likely to be such by firefighters or other first the residential structure, the sign or symbol required by this Part shall be ation approved by the authority having jurisdiction as a location likely to	1	2 1	op plate to top plate	nan anana ang mang mang mang mang mang m	10d box (3" × 0.128"); or 3" × 0.131" nails 8-16d common (3 ¹ /," × 0.162"); or	12" o.c. fac	,
ling to a fire or other emergency at the residential structure. Is, combination subfloor underlayment to framing deformed (2" × 0.120") nail; or common (2 ¹ / ₂ " × 0.131") nail 6 12	1	3 1	Double top plate splice		$12-16d \text{ box } (3','' \times 0.135''); \text{ or}$	Face nail on each side (minimum 24" lap spl each side of end joint)	ice length
common $(2^{1}/_{2}" \times 0.131")$ nail; or 6 12		TEM	DESCRIPTION OF BUILDING ELEMENTS Bottom plate to joist, rim joist, band joist or	16d con	UMBER AND TYPE OF FASTENER*** mon (3 ¹ / ₂ " × 0.162")	SPACING AND 16" o.c. f	
d common $(3'' \times 0.148'')$ nail; or deformed $(2^1/_2'' \times 0.120'')$ nail 0.447 m/s; 1 ksi = 6.895 MPa.	distantion (14	blocking (not at braced wall panels)	3" × 0.1 3-16d b	(3 ¹ / ₂ " × 0.135"); or 31" nails ox (3 ¹ / ₂ " × 0.135"); or	12" o.c. f 3 each 16" o.	
where otherwise stated. Nails used for framing and sheathing connections shall have minimulameter of 0.192 inch (20d common nail), 90 ksi for shank diameters larger than 0.142 inch t f 0.142 inch or less. ameter crown width. Il supports where spans are 48 inches or greater.	1111 1111 1111	15	Bottom plate to joist, rim joist, band joist or blocking (at braced wall panel)	2-16d co 4-3" × 0 4-8d bo 3-16d bo	$(2^{1}/_{2})^{\prime} \times 0.162^{\prime\prime}); \text{ or}$.131" nails $(2^{1}/_{2}^{\prime\prime} \times 0.113^{\prime\prime}); \text{ or}$ $(3^{1}/_{2}^{\prime\prime} \times 0.135^{\prime\prime}); \text{ or}$ nmon $(2^{1}/_{2}^{\prime\prime\prime} \times 0.131^{\prime\prime}); \text{ or}$	2 each 16" o 4 each 16" o Toe	.c. face nail .c. face nail
d vertically. on Table R602.3(2). d roof framing and to intermediate supports within 48 inches of roof edges and ridges, multiple ind speed is less than 130 mph and shall be spaced 4 inches on center where the ultimate devi	all in	16	Top or bottom plate to stud	4-10d b 4-3" × 0 3-16d b 2-16d c	$(3'' \times 0.128''); \text{ or }$.131'' nails px $(3'/_2'' \times 0.135''); \text{ or }$ pmmon $(3'/_2'' \times 0.162''); \text{ or }$	End	
be installed in accordance with GA 253. Fiberboard sheathing shall conform to ASTM C208, panel edges supported by framing members and required blocking and at floor perimeters on	1.	17	Top plates, laps at corners and intersections	3-3" × 0 3-10d b	x (3" × 0.128"); or .131" nails x (3" × 0.128"); or ommon (3 ¹ /," × 0.162"); or	Face	nail
o panel edges supported by framing members and required blocking. Blocking of roof or flo need not be provided except as required by other provisions of this code. Floor perimeter shall	itar has			3-3" × 0 3-8d box	$\frac{1.131'' \text{ nails}}{(2^{1}/_{2}'' \times 0.113''); \text{ or}}$ nmon $(2^{1}/_{2}'' \times 0.131''); \text{ or}$		
n accordance with this schedule, provide two toe nails on one side of the rafter and toe nails for The toe nail on the opposite side of the rafter shall not be required. ecifications in ASTM F1667.	яп —	18	1 " brace to each stud and plate	2-10d bo 2 staples 3-8d bo	$(3'' \times 0.128'');$ or $1^{3}/_{4}'''$ $(2^{1}/_{7}'' \times 0.113'');$ or	Face	nail
		19	1 " \times 6" sheathing to each bearing	2-10d be 2 staples	nmon $(2^{1}/_{2}" \times 0.131")$; or $x (3" \times 0.128")$; or $x, 1"$ crown, 16 ga., $1^{3}/_{4}"$ long	Face	nail
OAD		20	$1" \times 8"$ and wider sheathing to each bearing	3-8d cor 3-10d bo 3 staples Wider th 4-8d bo 3-8d cor 3-10d bo	t $(2^{1}/_{2}" \times 0.113")$; or mmon $(2^{1}/_{2}" \times 0.131")$; or int (2^{1}/_{2}" \times 0.131"); or ix (3" × 0.128"); or int 1" × 8" t $(2^{1}/_{2}" \times 0.113")$; or mmon $(2^{1}/_{2}" \times 0.131")$; or ix (3" × 0.128"); or i, 1" crown, 16 ga., 1 ³ / ₄ " long	Face	nail
PLAN		21	Joist to sill, top plate or girder	4-8d box 3-8d cor 3-10d bo	Floor (2 ¹ / ₂ " × 0.113"); or amon (2 ¹ / ₂ " × 0.131"); or xx (3" × 0.128"); or .131" nails	Toe	nail
	-	22	Rim joist, band joist or blocking to sill or top plate (roof applications also)	8d comr 10d box	2 ¹ / ₂ " × 0.113") non (2 ¹ / ₂ " × 0.131"); or (3" × 0.128"); or 31" nails	4" o.c. t 6" o.c. t	
		23	$1'' \times 6''$ subfloor or less to each joist	2-8d cor 3-10d be	$(2^{1}/_{2}" \times 0.113"); \text{ or}$ nmon $(2^{1}/_{2}" \times 0.131"); \text{ or}$ $xx (3" \times 0.128"); \text{ or}$ $x, 1" \text{ crown, } 16 \text{ ga., } 1^{3}/_{4}" \text{ long}$	Face	nail
	T	ITEN	DESCRIPTION OF BUILDING ELEMENTS		JMBER AND TYPE OF FASTENER ^{4, 6} Floor	SPACING AND	LOCATION
OR RAL		24	2" subfloor to joist or girder	2-16d co	x $(3^{1}/_{2}^{"} \times 0.135^{"})$; or mmon $(3^{1}/_{2}^{"} \times 0.162^{"})$ x $(3^{1}/_{3}^{"} \times 0.135^{"})$; or	Blind and	n egel an effektive Nacional de la compositione
	A constraint of the second sec	25 26	2" planks (plank & beam—floor & roof) Band or rim joist to joist	2-16d co 3-16d co 4-10 box 4-3" × 0	mmon (3 ¹ / ₂ " × 0.162") mmon (3 ¹ / ₂ " × 0.162") (3" × 0.128"), or 131" nails; or	At each bearin	
BER	and the second se	27	Built-up girders and beams, 2-inch lumber	20d com	4 ga. staples, ⁷ / ₁₆ " crown mon (4" × 0.192"); or (3" × 0.128"); or 31" nails	Nail each layer as f at top and bottom a 24" o.c. face nail at staggered on oppos	and staggered. t top and bottom
			layers	3-10d bo 3-3 " × 0 4-16d bo	mmon (4" × 0.192"); or x (3" × 0.128"); or 131" nails x (3'/ ₂ " × 0.135"); or	Face nail at ends an	nd at each splice
		28 29	Ledger strip supporting joists or rafters Bridging or blocking to joist	4-10d bo 4-3" × 0 2-10	mmon (3 ¹ / ₂ " × 0.162"); or x (3" × 0.128"); or 131" nails d box (3" × 0.128"), or 2-8d common ," × 0.131"; or 2-3" × 0.131") nails	At each joist or r Each end,	-
STERED ARCHIN		ITEN	OF BUILDING ELEMENTS		میں NUMBER AND TYPE OF FASTENER او میں او	SPACING OF F Edges (inches) ^h	Intermediat e supports ^{c, *} (inches)
		30	Wood structural panels, sublicor, root a [see Table R602.3(3) fo	6d comm 8d comm	Ill sheathing to framing and particleboard tural panel exterior wall sheathing to wall f non $(2'' \times 0.113'')$ nail (subfloor, wall) ⁱ non $(2^{1}/_{2}'' \times 0.131'')$ nail (roof); or RSR $\times 0.113'')$ nail (roof) ⁱ	raming]	12 ^f
		31	¹⁹ / ₃₂ "-1"	$\frac{8d \text{ comm}}{(2^3/_8'' \times 0)}$	× 0.113") nail (roor) non nail (2 ¹ / ₂ " × 0.131"); or RSRS-01; 0.113") nail (roof) ⁱ mon (3" × 0.148") nail; or	6	12 [¢]
V CZ3086 OF V OZ3086 OF NEW OF NEW		32	1 ¹ / ₈ " - 1 ¹ / ₄ "	8d (2 ¹ / ₂ " Oth	× 0.131") deformed nail er wall sheathing ⁹	6	12
JMMUe W	**************************************	33	¹ / ₂ " structural cellulosic fiberboard sheathing	diameter 1" crowr			6
MWW		34 35	$\frac{15}{32}$ "structural cellulosic fiberboard sheathing $\frac{12}{2}$ " gypsum sheathing ⁴	or $1^{1/2}$ l	vanized roofing nail, $\frac{7}{16}$ " head diamete ong 16 ga. staple with $\frac{7}{16}$ or 1" crown vanized roofing nail; staple galvanized, g; $\frac{1}{4}$ " screws, Type W or S		6 7
D NOTCHING AND BORING LIMITATIONS	Nerse de la companya	36	⁵ / _s " gypsum sheathing ⁴	13/4" gal	vanized roofing nail; staple galvanized, g; $1^{5}/_{8}$ " screws, Type W or S	7	7
7/8" 1-3/8" 1-13/16" EN 40% AND 60% OF STUD DEPTH, THEN STUD NO MORE THAN TWO SUCCESSIVE STUDS ARE	N	T			R RESIC		
STUD NOTCHING AND BORING LIMITATIONS MAX. NOTCH DEPTH 1-3/8" 2-3/16"	. т. М : Н і Г.Т. :	ע ז ד		and an	unden geschlieden von anstallen of die felder werden werden die de stad beiden stad die de stad als werden komp	52.200.40 ⁰ 00/2000002.4000000000.000000000000000000	
OF STUD 40% MAX. DEPTH OF STUD	. 9 d	L 4	ER PLOT	PLA	N, FOUNDE	TION	
DIN SAME DIN SAME OF STUD CROSS SECTION OF STUD	- 7		REVISIONS	1			
STUD DEPTH. I. FROM EDGE DGE OF STUD. FROM EDGE OF STUD. FROM EDGE OF BORING TO					DATE 11/1/20	DRAW	ING
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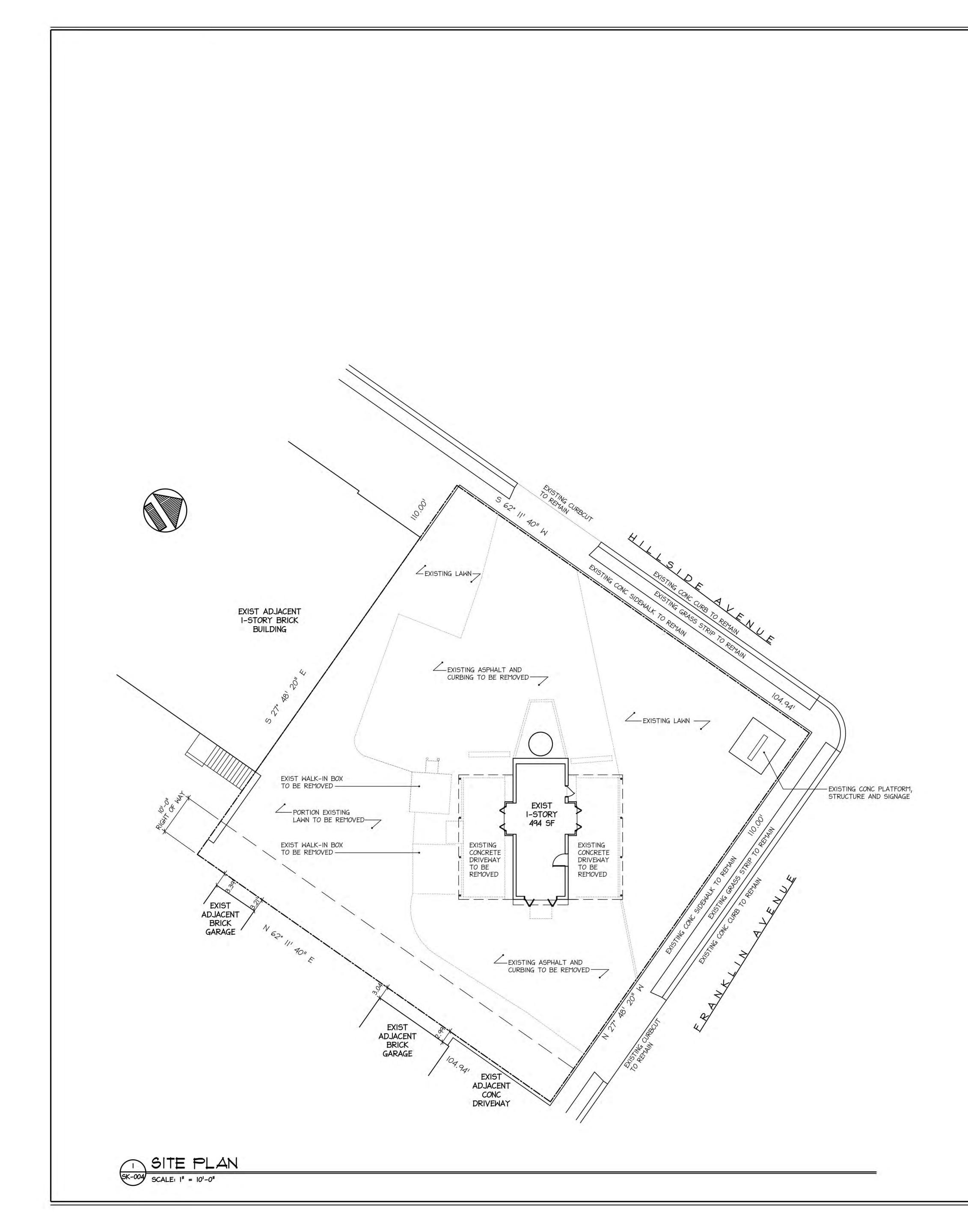
LOT AREA:	BUSINESS B-A: TOWN OF NORTH HEMPSTEAD
SECTION: BLOCK: LOT: ZONE:	316 6 BUSINESS B.A. TOWN OF NORTH HEMPSTEAD

FLOORS	EXISTING	PROPOSED CHANGE	PROPOSED TOTAL
FIRST FLOOR	494 SF	0 SF	494 SF
COVERED DRIVEWAYS	772 SF	0 SF	772 SF
TOTAL LOT COVERAGE	1,266 SF	0 SF	1,266 SF

ZONING REQUIREMENTS						
ITEM	ALLOWABLE	EXISTING	PROPOSED WORK			
MIN. LOT AREA	2,000 SF	11,543.40 SF	NO CHANGE			
MAX. BUILDING HEIGHT	40.00'	21.00' (±)	NO CHANGE			
MAX. LOT COVERAGE	8,080 SF (70%)	1,266 SF (11%)	NO CHANGE			
MIN. FRONT YARD SETBACK PRIMARY STREET	10.00'	38.89'	NO CHANGE			
MIN. FRONT YARD SETBACK SECONDARY STREET	10.00'	24.76'	NO CHANGE			
MIN. REAR YARD SETBACK	20.00'	35.26'	NO CHANGE			
MIN. OFF STREET PARKING (SEE DWG SK-003.04)						
LANDSCAPED BUFFER	15.00 ¹	10.00' (MIN)	NO CHANGE			

	ABLE ROU	.2(1) CLIM	ATE AN	D GEOGI	RAPHIC L	JESIGN CR	RITERIA	(2020 CODE)			
WIND DESIGN			SEISMIC	SUBJEC	T TO DAMAG	E FROM	WINTER	ICE BARRIER	FLOOD	AIR	MEAN	
APHIC TS	SPECIAL WIND REGION	WIND BORNE DEBRIS ZONE	DESIGN CATEGORY	WEATHERING	FROST LINE DEPTH	TERMITE	DESIGN TEMP	DESIGN UNDERLAYMENT	UNDERLAYMENT	HAZARDS	FREEZING INDEX	ANNUAL TEMP
			C	SEVERE	3.0'	MODERATE TO HEAVY	15	YES				

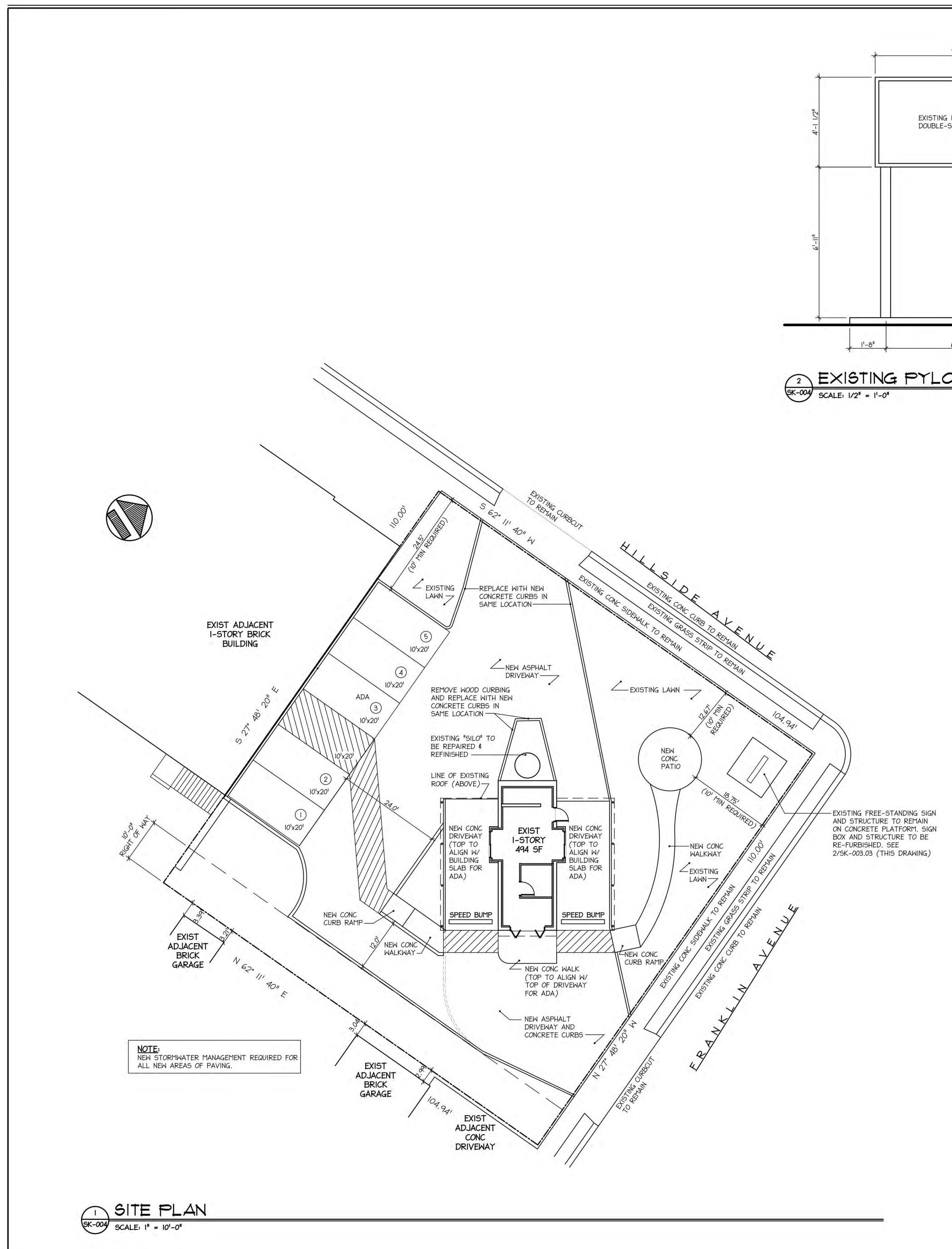
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(516)	352-9827	Franklin Square, New York 11010 www.drvarch.com ORD
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	05/10/24	DELETED SCOPE OF WORK #5
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		ASSOCIATES, LLC
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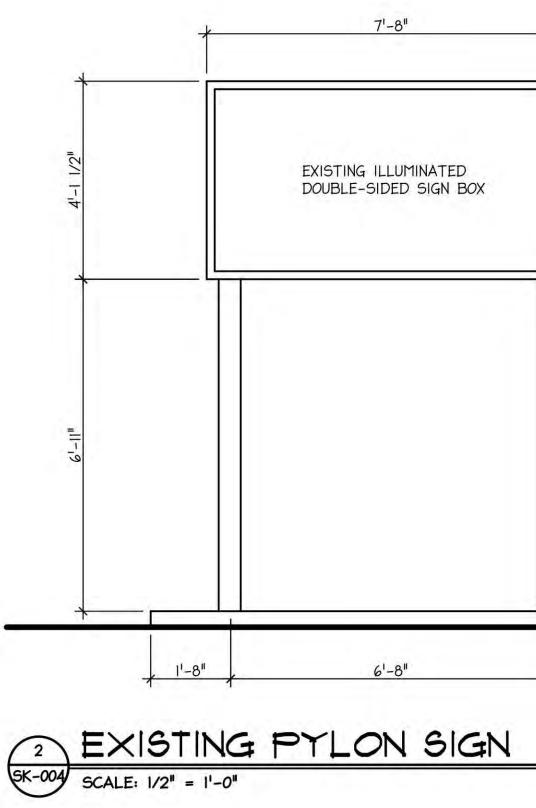


11/18/2024

of the Plan Examiner shall release the design professional, applicant, and/or owner of the responsibility to comply with all the requirements of the NYS Building Code, Zoning Laws of the Town of North Hempstead, and all other applicable codes and standards of jurisdictions having authority over the work.

ARC		ARCHITECT, p.c.
180 F	Park Avenue	Franklin Square, New York 11010
	352-9827	www.drvarch.com ORD
1		
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	08/22/24 05/10/24	NO REVISIONS THIS DRAWING
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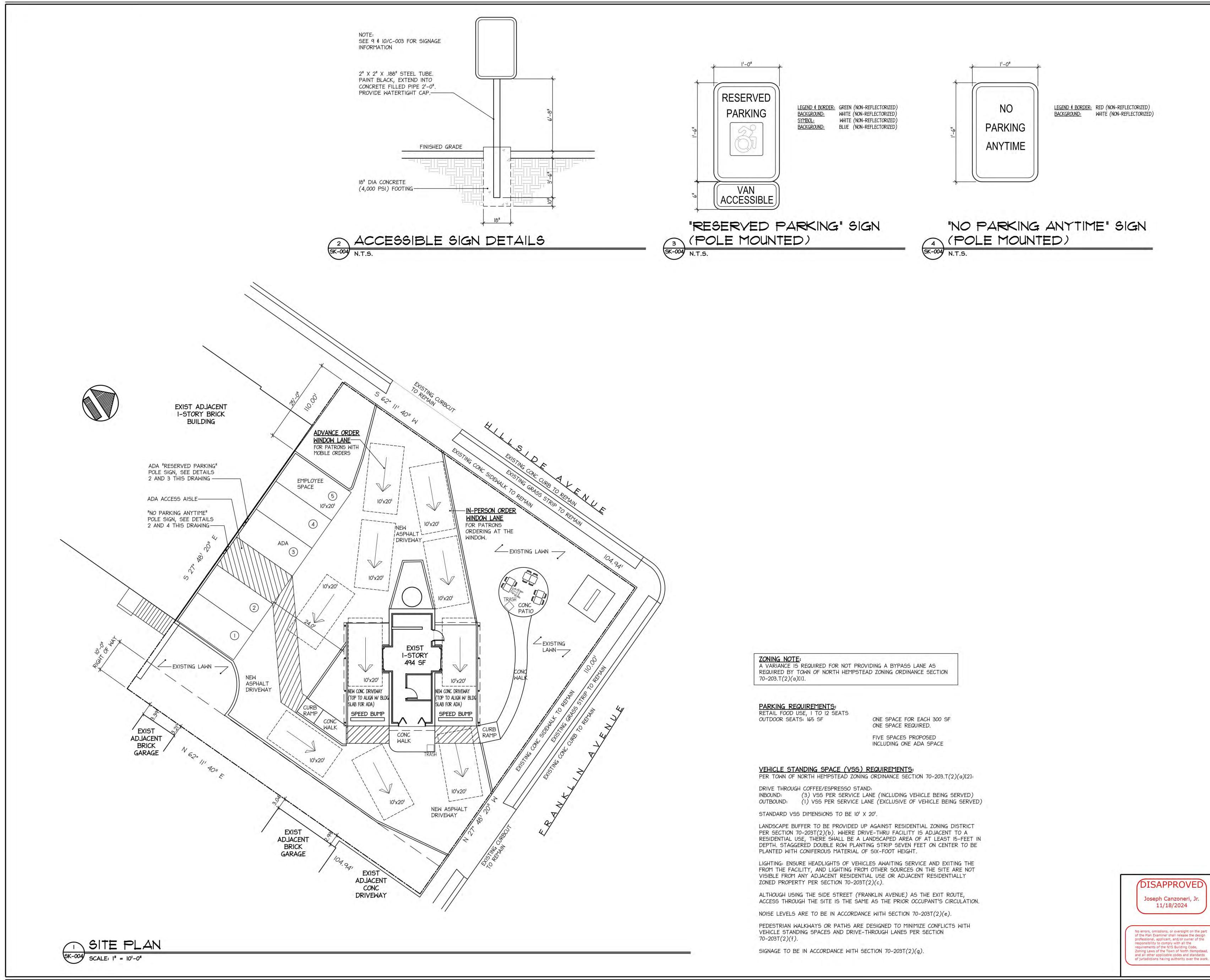




	NOTE: DIMENSIONS SHOWN ARE EXISTING TO REMAIN. NO CHANGE IN DIMENSIONS OR STRUCTURE PROPOSED.	
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	EXISTING 5" DIA STEEL POSTS TO BE SCRAPED AND PREPARED FOR PAINT (TYP 2 POSTS)	
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1 ¹ -8 ¹¹	NOTE: CONDITION OF EXISTING ELECTRICAL SERVICE TO BE VERIFIED BY LICENSED ELECTRICIAN.	

No errors, omissions, or oversight on the part of the Plan Examiner shall release the design professional, applicant, and/or owner of the responsibility to comply with all the requirements of the NYS Building Code, Zoning Laws of the Town of North Hempstead, and all other applicable codes and standards of jurisdictions having authority over the work.

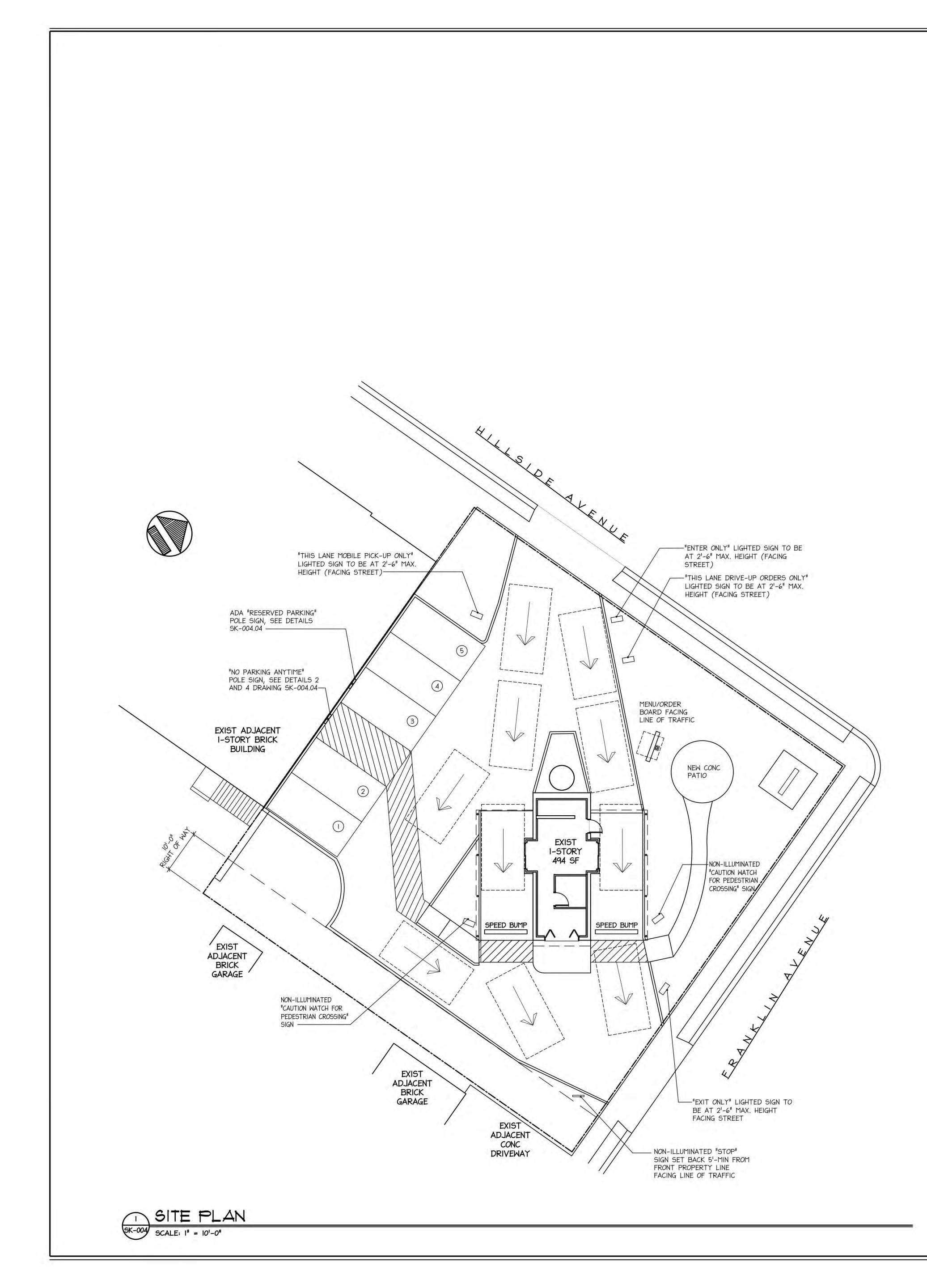
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DISAPPROVED Joseph Canzoneri, Jr. 11/18/2024

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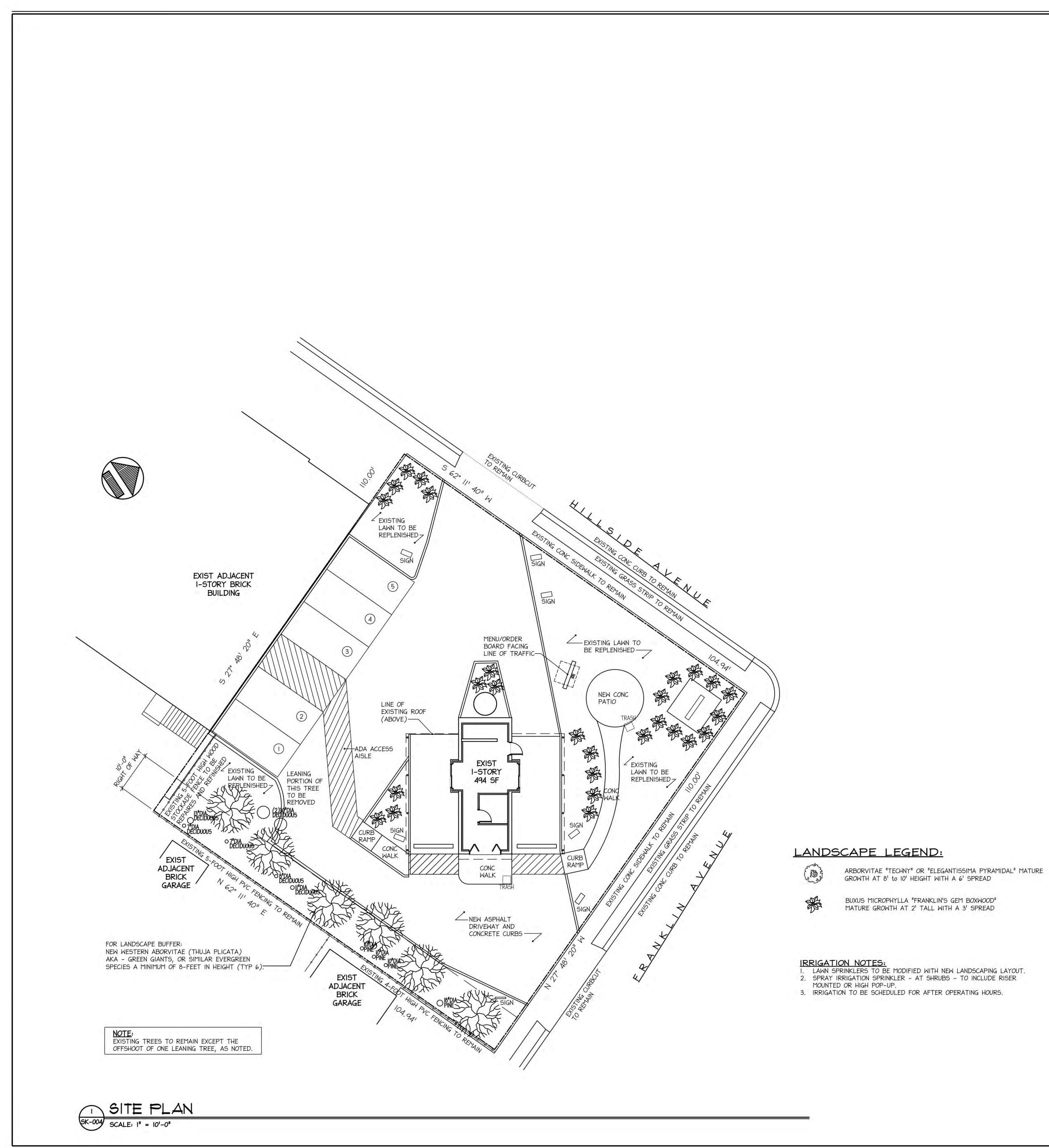


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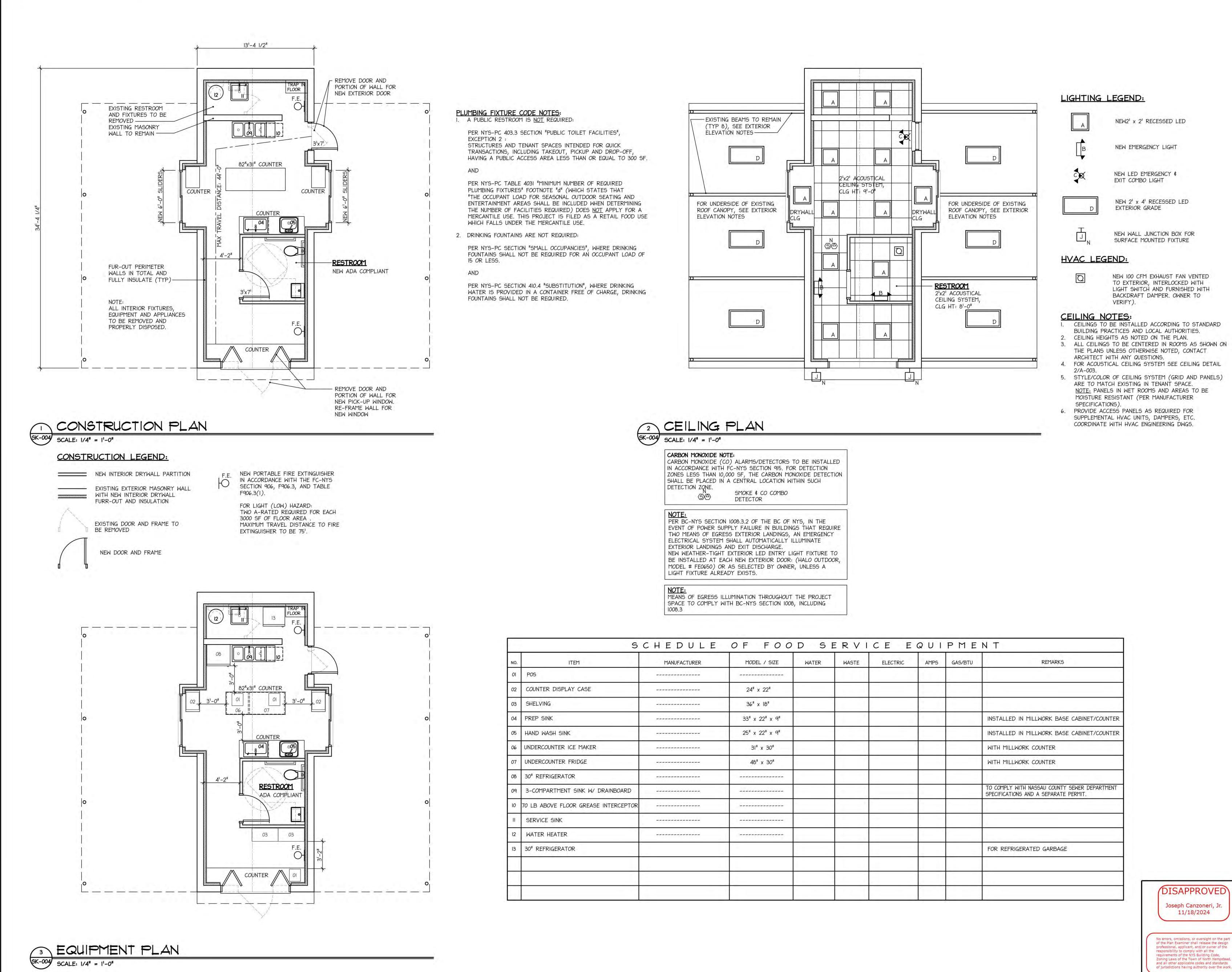


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Joseph Canzoneri, Jr. 11/18/2024

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01	POS								
02	COUNTER DISPLAY CASE		24" × 22"						
03	SHELVING		36" x 18"	6	1				
04	PREP SINK		33" x 22" x 9"						INSTALLED IN MILLWORK BASE CABINET/COUNTER
05	HAND WASH SINK		25" x 22" x 9"						INSTALLED IN MILLWORK BASE CABINET/COUNTER
06	UNDERCOUNTER ICE MAKER		31" x 30"		7			T	WITH MILLWORK COUNTER
07	UNDERCOUNTER FRIDGE		48" x 30"						WITH MILLWORK COUNTER
08	30" REFRIGERATOR								
09	3-COMPARTMENT SINK W/ DRAINBOARD							1	TO COMPLY WITH NASSAU COUNTY SEWER DEPARTMENT SPECIFICATIONS AND A SEPARATE PERMIT.
10	70 LB ABOVE FLOOR GREASE INTERCEPTOR				1			·	
11	SERVICE SINK								
12	WATER HEATER		·						
13	30" REFRIGERATOR								FOR REFRIGERATED GARBAGE

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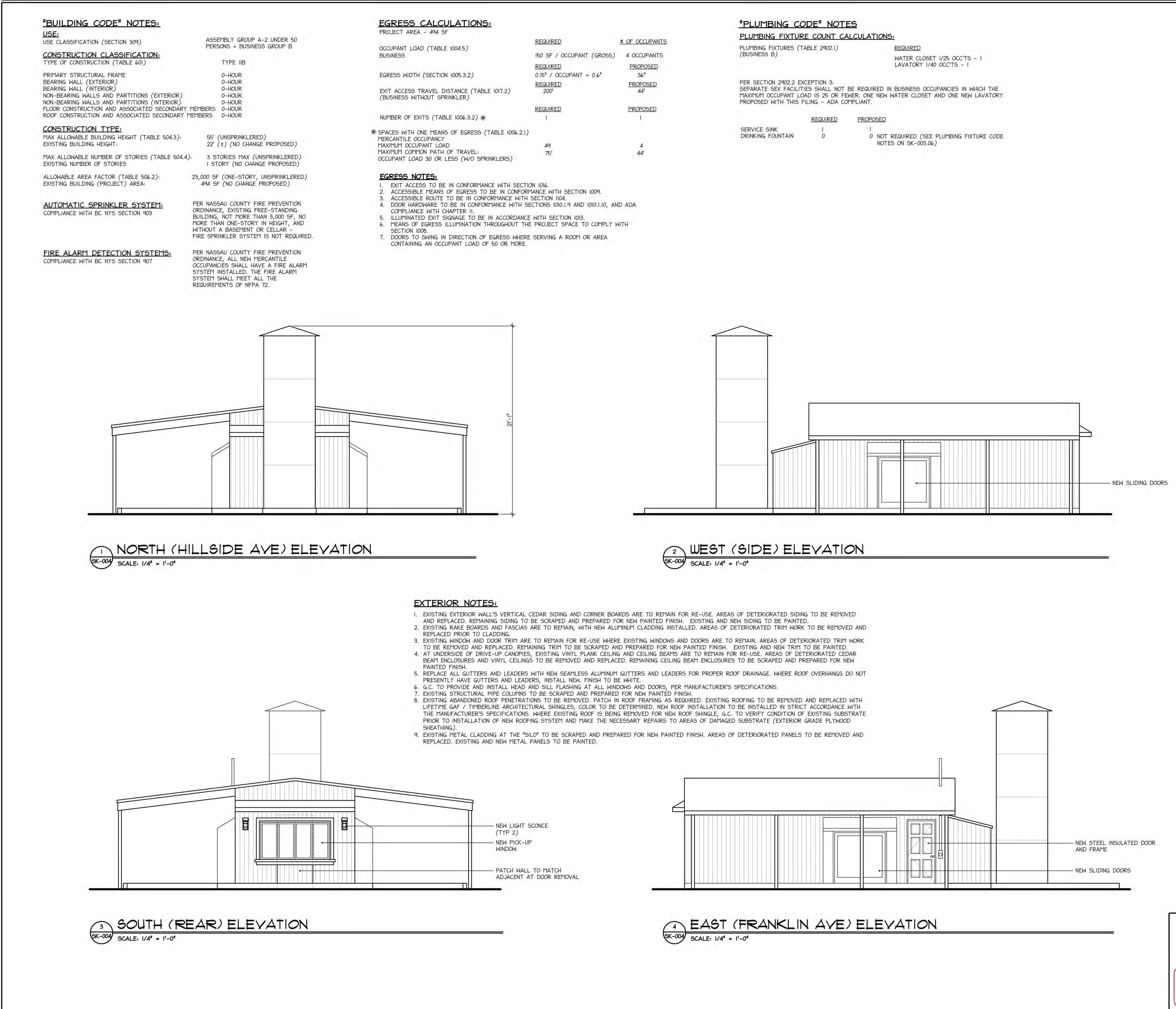
- 3. ALL CEILINGS TO BE CENTERED IN ROOMS AS SHOWN ON THE PLANS UNLESS OTHERWISE NOTED, CONTACT
- 4. FOR ACOUSTICAL CEILING SYSTEM SEE CEILING DETAIL
- STYLE/COLOR OF CEILING SYSTEM (GRID AND PANELS) NOTE: PANELS IN WET ROOMS AND AREAS TO BE

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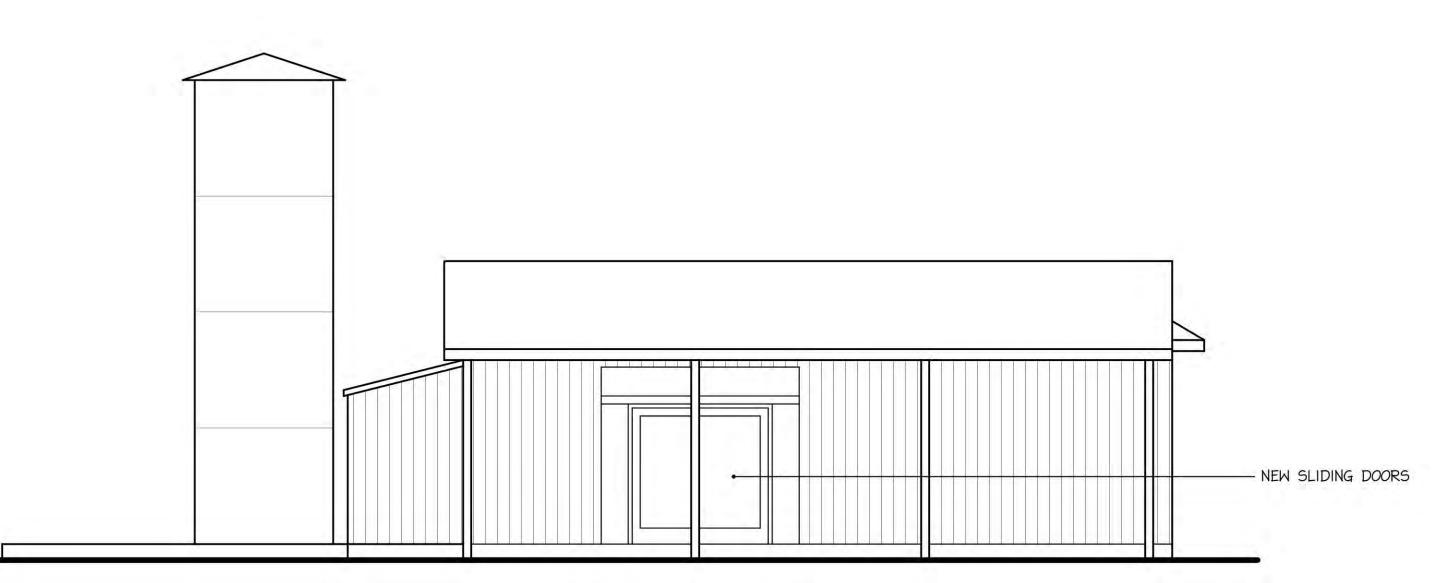
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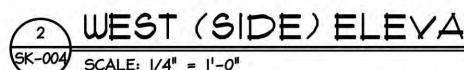
of the Plan Examiner shall release the design professional, applicant, and/or owner of the responsibility to comply with all the requirements of the NYS Building Code, Zoning Laws of the Town of North Hempstead, and all other applicable codes and standards of jurisdictions having authority over the work.

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GRESS CALCULATIONS:			"PLUMBING CO	DE" NC
ROJECT AREA - 494 SF			PLUMBING FIXTURE	COUNT
CCUPANT LOAD (TABLE 1004.5)	REQUIRED	# OF OCCUPANTS	PLUMBING FIXTURES (TA	- 1
USINESS	150 SF / OCCUPANT (GROSS)	4 OCCUPANTS	(BUSINESS B)	DLL 2-102.1)
	REQUIRED	PROPOSED		
GRESS WIDTH (SECTION 1005.3.2)	0.15" / OCCUPANT = 0.6"	36"		
XIT ACCESS TRAVEL DISTANCE (TABLE 1017.2) BUSINESS WITHOUT SPRINKLER)	REQUIRED 200'	PROPOSED 44'	PER SECTION 2902.2 EXC SEPARATE SEX FACILITIE MAXIMUM OCCUPANT LOA PROPOSED WITH THIS FI	S SHALL N D IS 25 OF
	REQUIRED	PROPOSED		
UMBER OF EXITS (TABLE 1006.3.2) *	L	11		REQUIRED
PACES WITH ONE MEANS OF EGRESS (TABLE 1006.2.1) ERCANTILE OCCUPANCY			SERVICE SINK DRINKING FOUNTAIN	 0
AXIMUM OCCUPANT LOAD	49	4		
AXIMUM COMMON PATH OF TRAVEL: CCUPANT LOAD 30 OR LESS (W/O SPRINKLERS)	75'	44'		





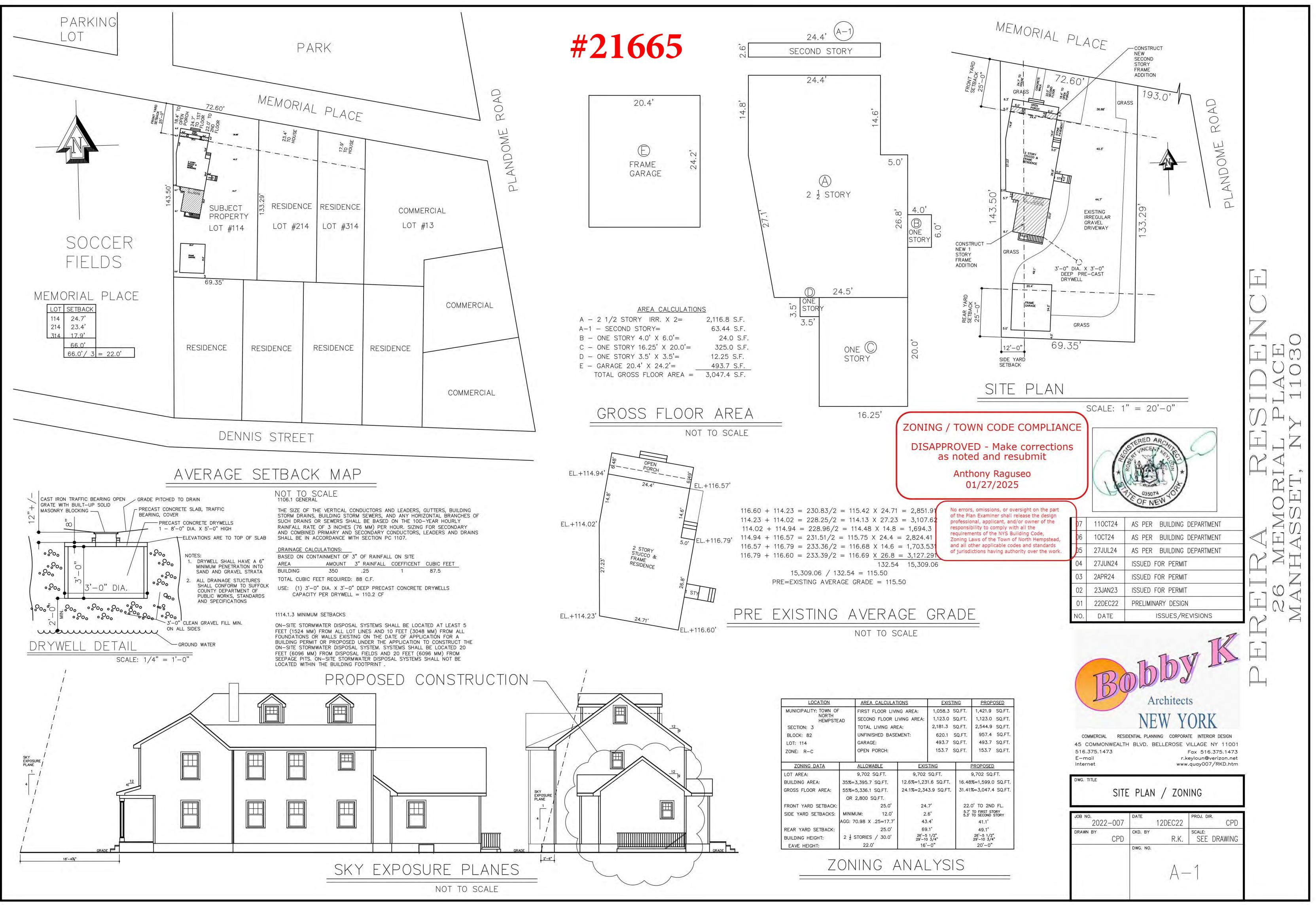
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	NEW STEEL INSULATED DOOR AND FRAME
	NEW SLIDING DOORS

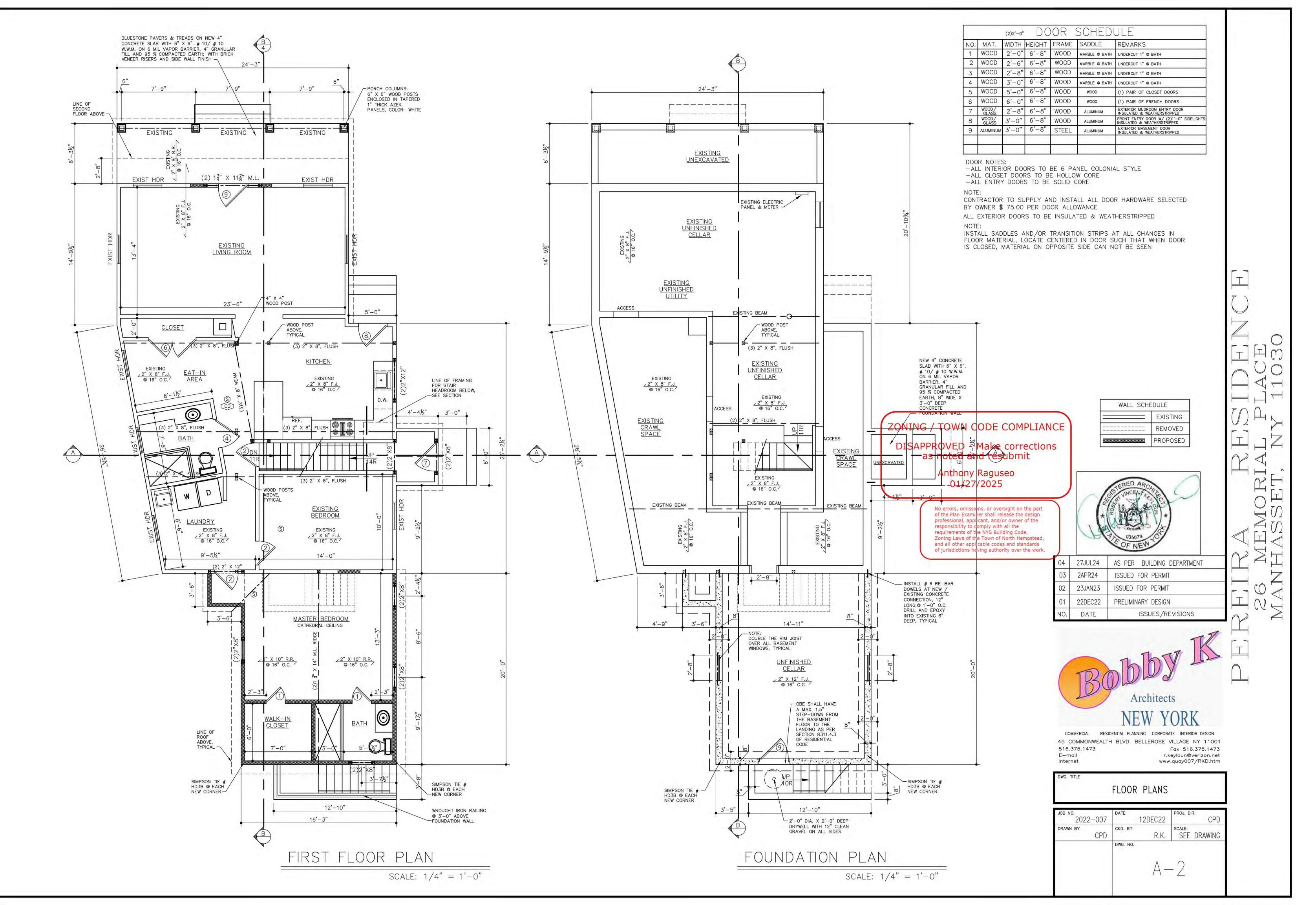
No errors, omissions, or oversight on the part of the Plan Examiner shall release the design professional, applicant, and/or owner of the responsibility to comply with all the requirements of the NYS Building Code, Zoning Laws of the Town of North Hempstead, and all other applicable codes and standards of jurisdictions having authority over the work.

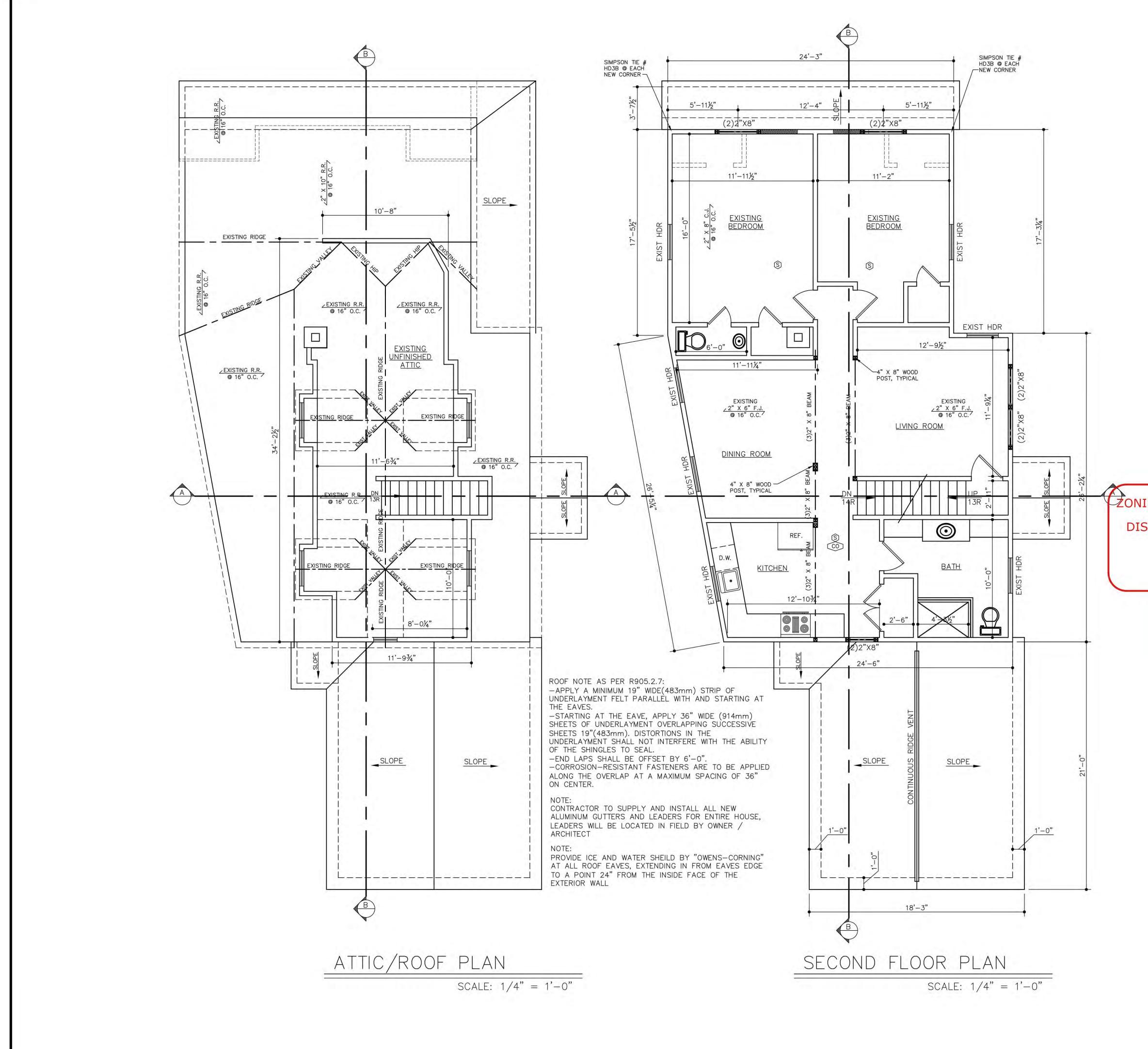
DISAPPROVED

Joseph Canzoneri, Jr. 11/18/2024

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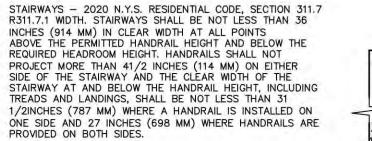






		1
(2)2'-0"DOORSCHEDNO.MAT.WIDTHHEIGHTFRAMESADDLE1WOOD2'-0"6'-8"WOODMARBLE @ BATH2WOOD2'-6"6'-8"WOODMARBLE @ BATH3WOOD2'-8"6'-8"WOODMARBLE @ BATH4WOOD3'-0"6'-8"WOODMARBLE @ BATH5WOOD5'-0"6'-8"WOODMARBLE @ BATH5WOOD5'-0"6'-8"WOODwood6WOOD6'-0"6'-8"WOODMOOD7GLASS2'-8"6'-8"WOODALUMINUM8WOOD/3'-0"6'-8"STEELALUMINUM9ALUMINUM3'-0"6'-8"STEELALUMINUM	REMARKS UNDERCUT 1" @ BATH UNDERCUT 1" @ BATH UNDERCUT 1" @ BATH	
DOOR NOTES: - ALL INTERIOR DOORS TO BE 6 PANEL COLONI - ALL CLOSET DOORS TO BE HOLLOW CORE - ALL ENTRY DOORS TO BE SOLID CORE NOTE: CONTRACTOR TO SUPPLY AND INSTALL ALL DOO BY OWNER \$ 75.00 PER DOOR ALLOWANCE ALL EXTERIOR DOORS TO BE INSULATED & WEA NOTE: INSTALL SADDLES AND/OR TRANSITION STRIPS FLOOR MATERIAL, LOCATE CENTERED IN DOOR S IS CLOSED, MATERIAL ON OPPOSITE SIDE CAN N	OR HARDWARE SELECTED THERSTRIPPED AT ALL CHANGES IN SUCH THAT WHEN DOOR	
SAPPROVED - Make corrections as noted and resubmit Anthony Raguseo 01/27/2025	PROPOSED	1
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STAIR NOTES



EXCEPTION: THE WIDTH OF SPIRAL STAIRWAYS SHALL BE IN ACCORDANCE WITH SECTION R311.7.10.1. R311.7.2 HEADROOM. THE HEADROOM IN STAIRWAYS SHALL BE NOT LESS THAN 6 FEET 8 INCHES (2032 MM) MEASURED VERTICALLY FROM THE SLOPED LINE ADJOINING THE TREAD NOSING OR FROM THE FLOOR SURFACE OF THELANDING OR

PLATFORM ON THAT PORTION OF THE STAIRWAY. EXCEPTIONS: 1. WHERE THE NOSINGS OF TREADS AT THE SIDE OF A FLIGHT EXTEND UNDER THE EDGE OF A FLOOR OPENING THROUGH WHICH THE STAIR PASSES, THE FLOOR

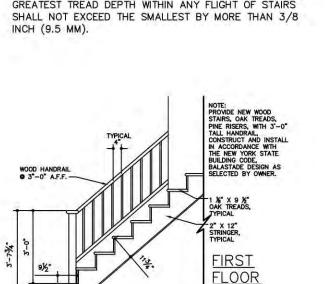
OPENING SHALL BE ALLOWED TO PROJECT HORIZONTALLY INTO THE REQUIRED HEADROOM NOT MORE THAN 43/4 INCHES (121 MM).

ACCORDANCE WITH SECTION R311.7.10.1. R311.7.3 VERTICAL RISE. A FLIGHT OF STAIRS SHALL NOT HAVE A VERTICAL RISE LARGER THAN 147 INCHES (3734MM) BETWEEN FLOOR LEVELS OR LANDINGS.

R311.7.5 STAIR TREADS AND RISERS. STAIR TREADS AND RISERS SHALL MEET THE REQUIREMENTS OF THIS SECTION. FOR THE PURPOSES OF THIS SECTION, DIMENSIONS AND DIMENSIONED SURFACES SHALL BE EXCLUSIVE OF CARPETS,

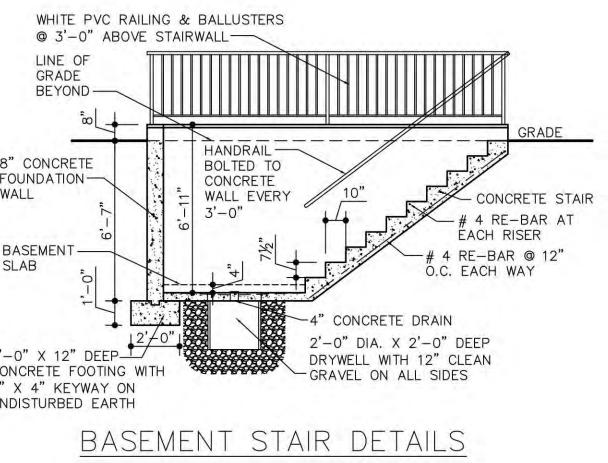
RUGS OR RUNNERS. R311.7.5.1 RISERS. THE RISER HEIGHT SHALL BE NOT MORE THAN 7 3/4 INCHES (196 MM). THE RISER SHALL BE MEASURED VERTICALLY BETWEEN LEADING EDGES OF THE ADJACENT TREADS. THE GREATEST RISER HEIGHT WITHINANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH (9.5 MM). RISERS SHALL BE VERTICAL OR SLOPED FROM THE UNDERSIDE OF THE NOSING OF THE TREAD ABOVE AT AN ANGLE NOT MORE THAN 30DEGREES (0.51 RAD) FROM THE VERTICAL. OPEN RISERS ARE PERMITTED PROVIDED THAT THE OPENINGS LOCATED MORE THAN 30 INCHES (762 MM), AS MEASURED VERTICALLY, TO THE FLOOR OR GRADE BELOW DO NOT PERMIT THEPASSAGE OF A 4-INCH-DIAMETER (102 MM) SPHERE.

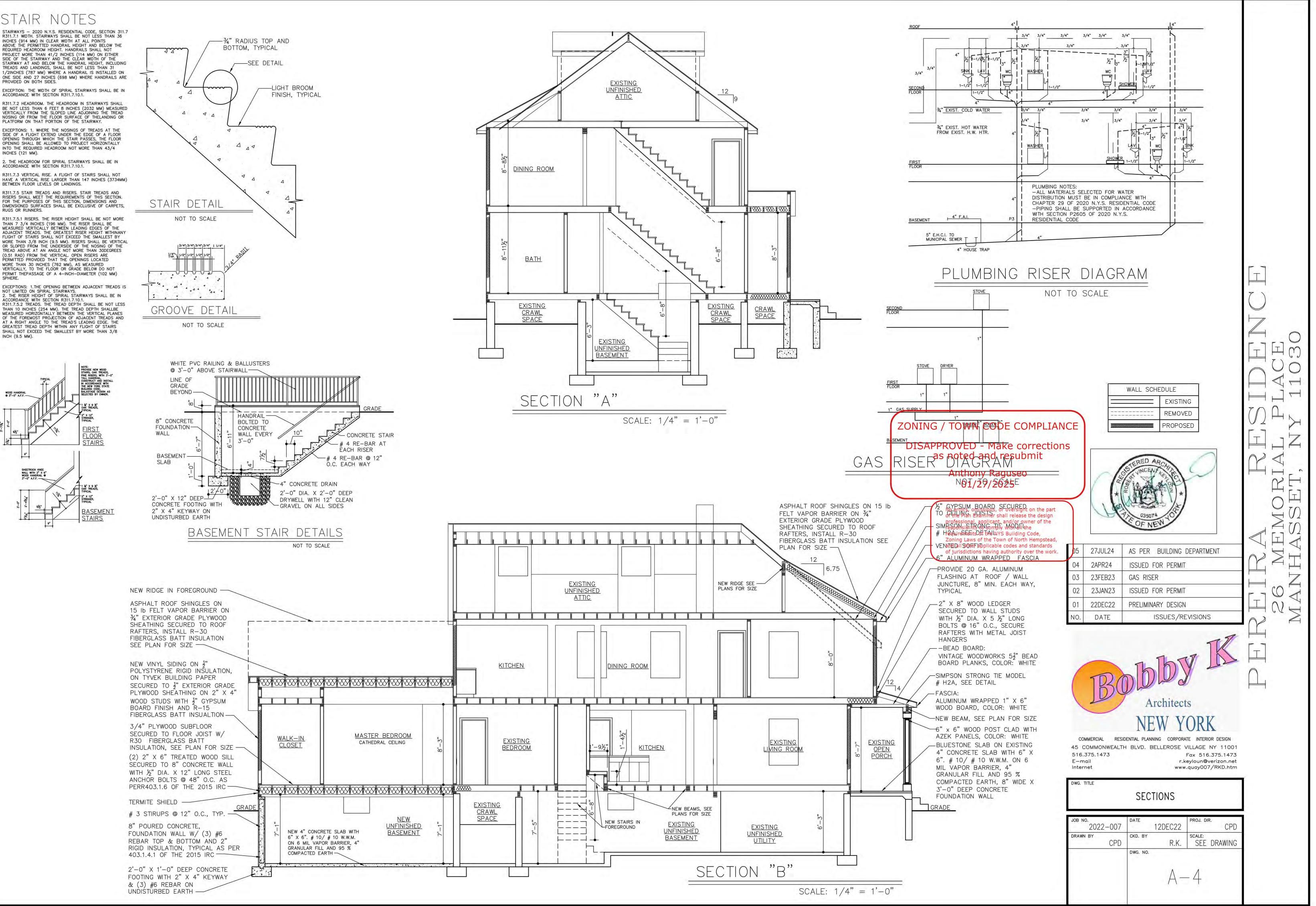
EXCEPTIONS: 1. THE OPENING BETWEEN ADJACENT TREADS IS NOT LIMITED ON SPIRAL STAIRWAYS. 2. THE RISER HEIGHT OF SPIRAL STAIRWAYS SHALL BE IN ACCORDANCE WITH SECTION R311.7.10.1. R311.7.5.2 TREADS. THE TREAD DEPTH SHALL BE NOT LESS THAN 10 INCHES (254 MM). THE TREAD DEPTH SHALLBE MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES THE FOREMOST PROJECTION OF ADJACENT TREADS AND AT A RIGHT ANGLE TO THE TREAD'S LEADING EDGE. THE GREATEST TREAD DEPTH WITHIN ANY FLIGHT OF STAIRS

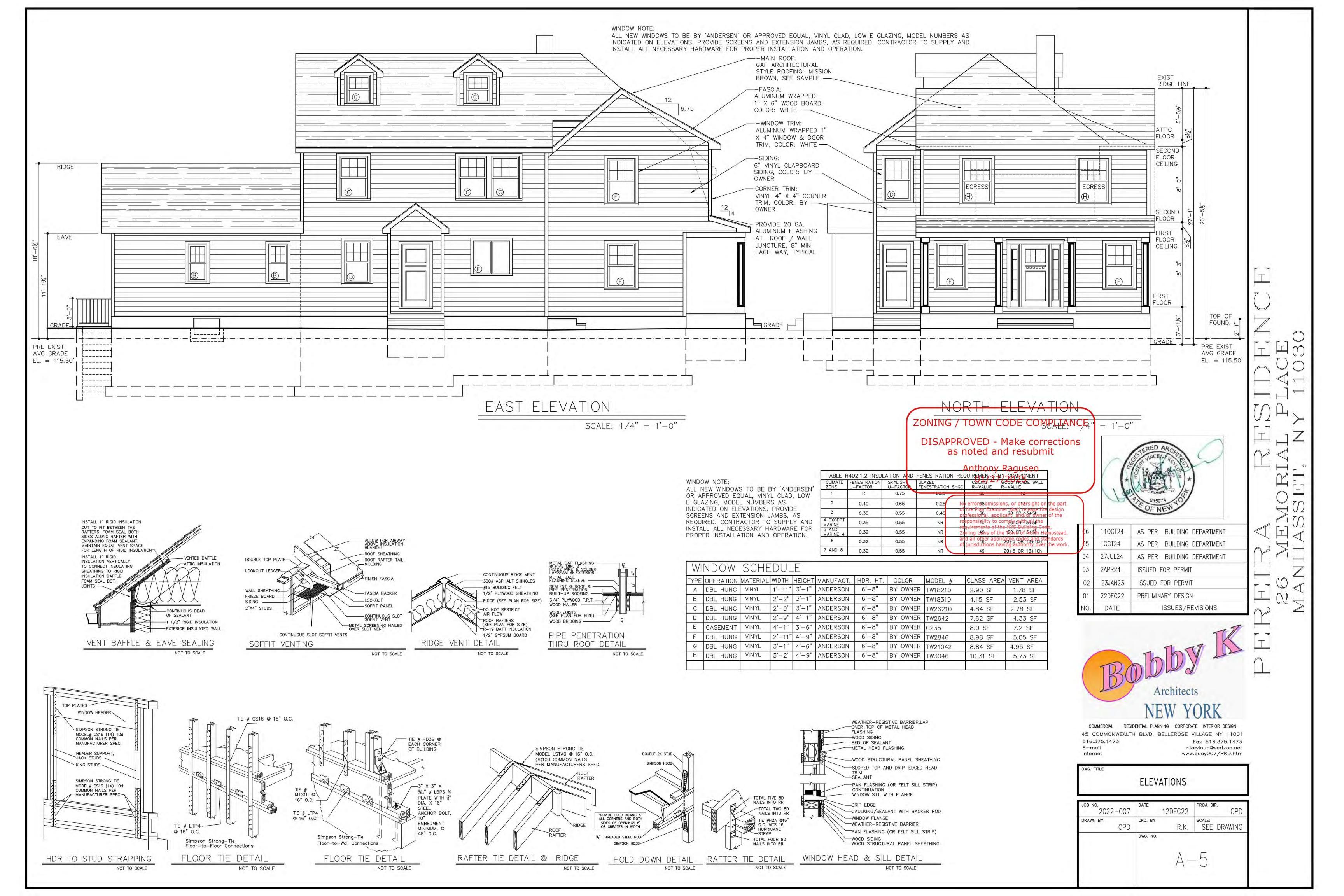


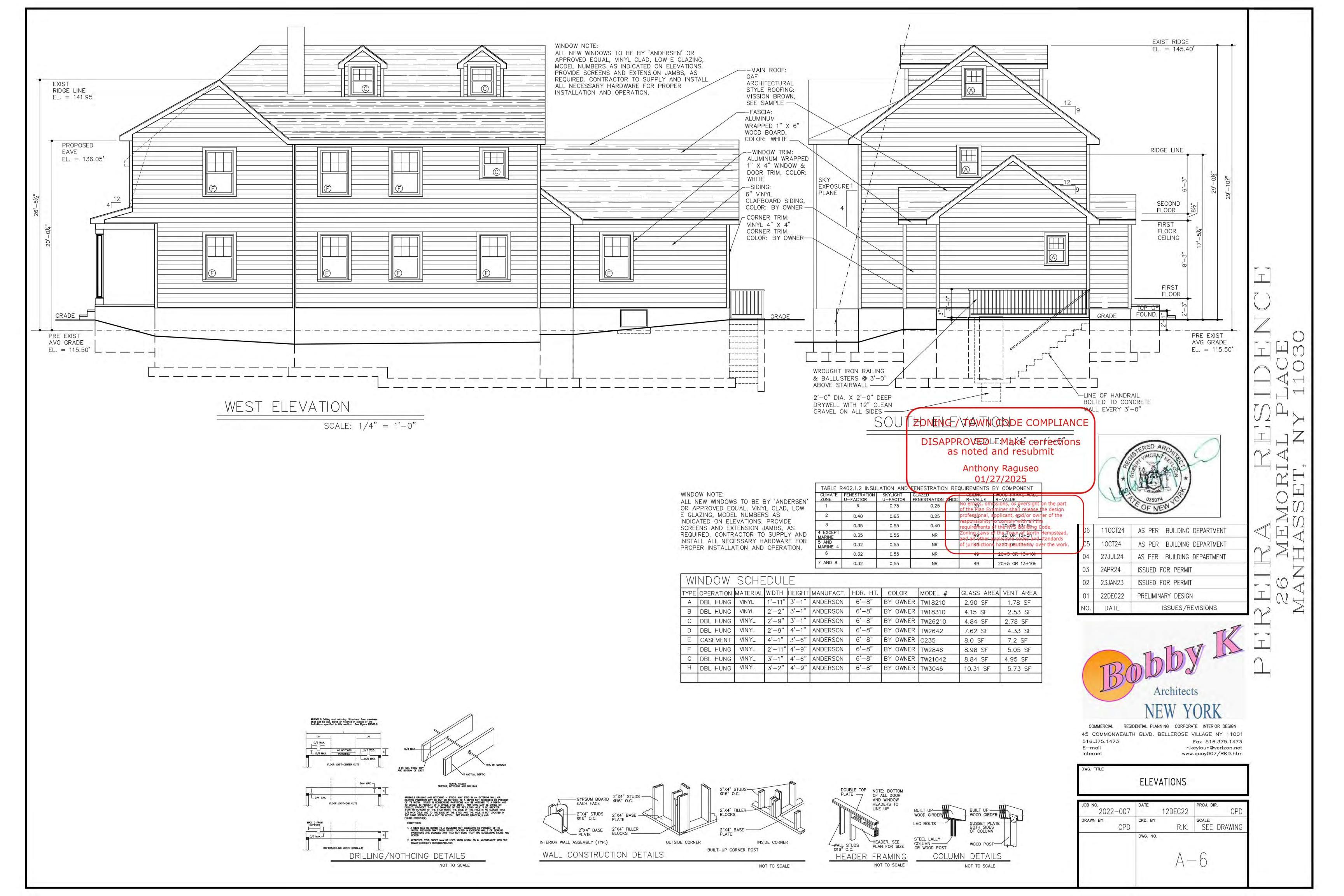
WALL WITH 2" X 6" WOOD HANDRAIL @ 3"-0" A.F.F.

V A -SEE DETAIL 1 -LIGHT BROOM 4 4 V A Δ 17 Δ STAIR DETAIL NOT TO SCALE 3/4 3/4 3/4 3/4 3/4 1 1/4 1/2 1/2 1/2 1/2 4 4 4









CONSTRUCTION NOTES

SCOPE OF WORK

-ONE STORY FRAME ADDITION

-NO CHANGES TO OCCUPANCY, USAGE OR EGRESS

-NO CHANGES TO PLOT, SITE OR TOPOGRAPHY

BUILDER QUALIFICATIONS & CONSTRUCTION STANDARDS THESE PLANS ARE INTENDED FOR USE ONLY BY PERSONS KNOWLEDGEABLE IN AND FAMILIAR WITH GENERALLY ACCEPTED METHODS, TECHNIQUES AND INDUSTRY STANDARDS FOR CONSTRUCTION, AND WHO ARE FAMILIAR WITH ALL APPLICABLE CODES AND OTHER REGULATIONS THAT GOVERN THE CONSTRUCTION OF THIS TYPE OF STRUCTURE. ALL CONSTRUCTION IS TO BE PREFORMED IN ACCORDANCE WITH THESE REGULATIONS AND

DIMENSIONS

STANDARDS

WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE DIMENSIONS. DO NOT SCALE DRAWINGS.

GENERAL NOTES

A. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE CONDITIONS PRIOR TO COMMENCING WORK. IF ANY DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY.

B. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL CURRENT BUILDING CODES OF ALL GOVERNING AUTHORITIES.

C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOSS OR DAMAGE TO PROPERTY OR PREMISES CAUSED BY ALL ACTS UNDER THIS CONTRACT PERSONNEL AND PROPERTY SHALL BE PROTECTED AT ALL TIMES. ANY DAMAGED CAUSED BY ACTS UNDER THIS CONTRACT SHALL BE REPAIRED OR REPLACED TO THE OWNERS SATISFACTION WITH NO ADDITIONAL COST TO THE OWNER. CONTRACTOR / OWNER SHALL OBTAIN A BUILDING PERMIT FROM THE TOWN OR VILLAGE.

D. CONTRACTOR AND/ OR/ OWNER SHALL OBTAIN ALL REQUIRED APPROVALS AND PERMITS,

E. CERTIFICATE OF OCCUPANCY, INSPECTION APPROVALS, TESTS, ETC. FOR WORK PRIOR TO STARTING ANY WORK. PERFORMED FROM AGENCIES HAVING JURISDICTION THERE OF.

F. ALL WORK PERFORMED BY THE GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS SHALL CONFORM TO THE REQUIREMENTS OF MUNICIPAL LOCAL AND STATE LAWS AND ALL OTHER GOVERNING AGENCIES HAVING JURISDICTION, WHETHER OR NOT SPECIFIED HEREIN. CONTRACTOR SHALL MAINTAIN COVERAGE FOR ALL INSURANCE, BONDS,

G. WORKMENS COMPENSATION, MATERIAL AND LABOR BOND ETC. AS REQUIRED BY LAW. IF IN THE COURSE OF CONSTRUCTION A CONDITION EXISTS WHICH

H. DISAGREES WITH THAT AS INDICATED ON THESE PLANS, THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE ARCHITECT. SHOULD E FAIL TO FOLLOW THIS PROCEDURE, AND CONTINUE WITH THE WORK, HE SHALL ASSUME ALL RESPONSIBILITY AND LIABILITY ARISING THEREFROM.

I. ALL MATERIALS TO BE USED ON THIS PROJECT SHALL BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURE'S RECOMMENDED SPECIFICATIONS FOR FOR INSTALLATION OF THEIR PRODUCT.

J. ALL STRUCTURAL STEEL BE A-36 STEEL AND SHALL BE INSTALLED AS PER A.I.S.C. ALL PLUMBING WORK SHALL BE IN STRICT CONFORMANCE WITH N.Y.S. BUILDING K. THE CONTRACTOR SHALL REMOVE RUBBISH, WASTE MATERIAL AND

CONSTRUCTION DEBRIS FORM THE JOB SITE FOR THE DURATION OF CONSTRUCTION. THE JOB SITE SHALL BE KEPT BROOM CLEAN.

1. THE DESIGNER HAS NOT BEEN RETAINED FOR ANY CONSTRUCTION REVIEW AND / OR INSPECTION. HIS RESPONSIBILITY IS LIMITED TO THE CONTENTS OF THESE PLANS ONLY.

. ALL WORK SHALL CONFORM TO THE RESIDENTIAL CODE OF NEW YORK STATE AND SHALL CONFORM TO ALL THE RECOMMENDATIONS AND REQUIREMENTS OF ANDY OTHER AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL OBTAIN AND ARRANGE FOR ALL REQUIREMENTS OF ANY OTHER AUTHORITIES HAVING JURISDICTION

3. THE CONTRACTOR IS REQUIRED TO PROVIDE THE HOMEOWNER WITH ALL REQUIRED LICENSES, INSURANCE CERTIFICATES AND INSURANCE COVERAGE. 4. THE CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS AND

ACTIONS TO SAFEGUARD THE RESIDENCE AND ITS CONTENTS DURING THE CONSTRUCTION.

THE CONTRACTOR IS TO FOLLOW ALL MANUFACTURERS SPECIFICATIONS FOR THE INSTALLATION OF EQUIPMENT, PRODUCTS AND SYSTEMS EQUIPMENT.

5. THE OWNER SHALL ARRANGE FOR THE SUPERVISION OF THE CONSTRUCTION WORK TO INSURE COMPLIANCE WITH THE CONTRACT DOCUMENTS IF SO DESIRED.

7. NO DRAWINGS SHALL BE SCALED ; WRITTEN DIMENSIONS SHALL GOVERN

8. ALL LUMBER FOR JOIST AND RAFTERS SHALL BE DOUGLAS-FIR #2 HAVE A MIN. REPRESENTATIVE FIBER STRESS OF 850 P.S.I, MARKED PRIOR TO DELIVERY TO JOBSITE, AND MIN BEARING OF 2"(UNLESS OTHERWISE NOTED)

9. AL COLORS AND FINISHES ETC. SHALL BE SELECTED BY THE OWNER. 10. ALL MASONRY WORK SHALL CONFORM TO R606, R607, R608, R611 AND R703 OF RCNYS.

11. ALL STEEL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE AISC SPECIFICATIONS FOR THE DESIGN , FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" STEEL SHALL CONFORM TO THE ASTM A-36 AND A-501. ALL CONNECTIONS SHALL USE A-325 HS BOLTS OR E70XX WELDS.

12. RAILINGS AND HANDRAILS, BOTH INTERIOR AND EXYETERIOR, SHALL BE DESIGNED TO RESIST LATERAL IMPACT AT TOP EQUIVALENT TO A MIN. LINEAR LOAD OF 50 LBS. PER FOOT AS PER R315 AND RCNYS. 13. STAIRS, DOORS, AND EXITS SHALL COMPLY WITH R311,R312, AND R314

OF RCNYS. 14. DOUBLE ALL BEAMS AND JOISTS UNDER PARALLEL PARTITIONS AND AROUND OPENINGS IN FLOORS AND ROOFS.

15. CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING AREAS LEFT EXPOSED AND/ OR DAMMAGED DO THIS WORK WITH SIMILAR MATERIAL OR AS DIRECTED BY THE OWNER.

16. PROVIDE HURRICANE CLIPS ON ALL ROOF RAFTERS.

17. PROVIDE SIMPSON STRONG TIE JOIST HANGERS AT ALL FLUSH HEADER

INTERNATIONAL BUILDING CODE DATA

PROJECT SHALL COMPLY WITH THE FOLLOWING:

-2020 NEW YORK STATE RESIDENTIAL CODE

-2020 SUPPLEMENT TO THE UNIFORM CODE

-2020 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) -2020 SUPPLEMENT TO THE ENERGY CODE

-2018 WOOD FRAME CONSTRUCTION MANUAL (WFCM 2020)

-NFPA 70 STANDARD "THE NATIONAL ELECTRIC CODE" -THE ZONING CODE OF THE TOWN OF NORTH HEMPSTEAD

TO THE BEST OF THE KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT OF THE UNDERSIGNED, THE PLANS AND SPECIFICATIONS ON THESE DRAWINGS ARE IN COMPLIANCE WITH THE APPLICABLE PROVISIONS OF THE 2020 NEW YORK STATE FIRE PREVENTION AND BUILDING CODE AND ALL SUPPLEMENTS

FRAMING NOTES

WHILE NOT COMPLETE, THE FOLLOWING IS A LIST OF PROCEDURES AND PRACTICES THAT NEED TO BE FOLLOWED DURING THE FRAMING OF THE STRUCTURE A. ALL FRAME WALLS SHALL HAVE STUD FRAMING PLACED AT 16" O.C.

EXCEPT WHERE NOTED OTHERWISE. B. TOP PLATES SHALL BE DOUBLED ON ALL WALLS EXCEPT WHERE NOTED OTHERWISE.

C. JACK STUDS UNDER ALL HEADERS SHALL BE CONTINUOUS TO SOLE PLATE. D. DOUBLE JOISTS UNDER ALL WALLS PARALLEL TO JOIST EXCEPT WHERE NOTED OTHERWISE, ALSO UNDER KITCHEN CABINETS AND BATH TUBS PARALLEL WITH JOISTS.

E. BLOCK ALL STUD WALLS AS REQUIRED FOR SHEATHING. F. SOLID BLOCKING BETWEEN ALL JOISTS AND RAFTERS AT SUPPORTING WALLS AND BEAMS EXCEPT AT RIM JOISTS. G. DOUBLE RIM JOISTS AT ALL WALLS PARALLEL TO JOISTS.

H. BEAMS, GIRDERS, AND JOISTS SUPPORTING BEARING WALLS OR CONCENTRATED LOADS SHALL BE NOTCHED OR DRILLED WITH HOLES LARGER THAN 1" IN DIAMETER.

I. ALL RAFTERS SHALL BE NOTCHED TO PROVIDE FULL BEARING AT SUPPORTS.

J. ALL JOISTS SHALL HAVE A MINIMUM OF 3 1/2" BEARING AT SUPPORTS. K. LAP ALL JOISTS 6" MINIMUM AT ALL INTERIOR BEARING SUPPORTS.

L. MUD SILLS AND LEDGER BOARDS AT CONCRETE WALLS SHALL HAVE ANCHOR BOLTS OF THE SIZE AND SPACING SHOWN ON THE DRAWINGS. EACH BOARD SHALL BE SECURED WITH AT LEAST TWO BOLTS AND EACH BOARD SHALL HAVE A BOLT WITHIN 12" OF EACH END.

M. PROVIDE DOUBLE FRAMING AT ALL ROOF DIAPHRAGM PENETRATIONS, UNLESS OTHERWISE NOTED ON PLANS. N. CONTRACTOR SHALL PROVIDE ADEQUATE BRACING OR OTHERWISE SUPPORT ALL PORTIONS OF THE STRUCTURE UNTIL ALL MEMBERS HAVE

BEEN PERMANENTLY JOINED TOGETHER. ALL ROOF TRUSSES SHALL BE DESIGNED BY A REGISTERED ENGINEER FOR THE TRUSS MANUFACTURER. SUBMIT SEALED TRUSS ENGINEERING DRAWINGS TO THE LOCAL BUILDING DEPARTMENT INDICATING BRACING, ETC. HAT MAY BE REQUIRED P. ALL WOOD IN PERMANENT CONTACT WITH CONCRETE OR SOIL SHALL BE

Q. ALL MECHANICAL HOLES THROUGH ANY STRUCTURAL MEMBER SHALL BE AT THE CENTER LINE OF THE MEMBER IN COMPLIANCE WITH THE LATEST EDITION OF THE WOOD STRUCTURAL DESIGN DATA SPECIFICATIONS.

PRESSURE TREATED WITH A WATER BOURNE PRESERVATIVE.

CONNECTORS & FASTENERS

A. ALL NAILING AND FASTENING SHALL COMPLY WITH THE APPLICABLE CODE'S NAIL FASTENING SCHEDULE. B. ALL FLUSH BEAMS, HEADERS, AND GIRDERS SHALL USE JOIST HANGERS TO SUPPORT ABUTTING JOISTS AND RAFTERS

WOOD FRAMING CONSTRUCTION ALL FRAMING TO BE DOUGLAS FIR SOUTH WITH 19% MAXIMUM MOISTURE CONTENT, GRADE #2 OR BETTER ALLOWARLE DESIGN STRESSES FRAMING

ALLOWABLE DESIGN STRESSES.	RAMING
EXTREME FIBER IN BENDING (Fb):	
	200 PSI
REPETITIVE MEMBER USE = 1,	350 PSI
MODULUS OF ELASTICITY (E): 1, 300,	000 PSI
HORIZONTAL SHEAR (Fv) :	90 PSI
COMPRESSION PERPENDICULAR TO GRAIN :	520 PSI
COMPRESSION PARALLEL TO GRAIN :	950 PSI

• AS PER SECTION R301.2.1.1 OF THE CODE, THE DESIGN CRITERIA SHALL BE IN ACCORDANCE WITH THE AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE & TWO FAMILY DWELLINGS (WFCM).

FLASHING INSTALL FLASHING ABOVE WINDOWS AND DOORS, AND

AT ALL HORIZONTAL JOINTS IN SHEET SIDING.

GUTTERS AND WATER SHED ALL LEADERS AND DOWN SPOUTS TO FLOW AWAY FROM EXISTING FOUNDATIONS AND ADJACENT STRUCTURES.

WIND DESIGN

R301.2.1 WIND DESIGN CRITERIA

BUILDINGS AND PORTIONS THEREOF SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WIND PROVISIONS OF THIS CODE USING THE ULTIMATE DESIGN WIND SPEED IN TABLE R301.2(1) AS DETERMINED FROM FIGURE R301,2(4)A. THE STRUCTURAL PROVISIONS OF THIS CODE FOR WIND LOADS ARE NOT PERMITTED WHERE WIND DESIGN IS REQUIRED AS SPECIFIED IN SECTION R301.2.1.1. WHERE DIFFERENT CONSTRUCTION METHODS AND STRUCTURAL MATERIALS ARE USED FOR VARIOUS PORTIONS OF A BUILDING. THE APPLICABLE REQUIREMENTS OF THIS SECTION FOR EACH PORTION SHALL APPLY. WHERE NOT OTHERWISE SPECIFIED, THE WIND LOADS LISTED IN TABLE R301.2(2) ADJUSTED FOR HEIGHT AND EXPOSURE USING TABLE R301.2(3) SHALL BE USED TO DETERMINE DESIGN LOAD PERFORMANCE REQUIRÉMENTS FOR WALL COVERINGS, CURTAIN WALLS, ROOF COVERINGS, EXTERIOR WINDOWS, SKYLIGHTS, GARAGE DOORS AND EXTERIOR DOORS. ASPHALT SHINGLES SHALL BE DESIGNED FOR WIND SPEEDS IN ACCORDANCE WITH SECTION R905.2.4. A CONTINUOUS LOAD PATH SHALL BE PROVIDED TO TRANSMIT THE APPLICABLE UPLIFT FORCES IN SECTION R802.11.1 FROM THE ROOF ASSEMBLY TO THE FOUNDATION.

R301.2.1.1 WIND LIMITATIONS AND WIND DESIGN REQUIRED

THE WIND PROVISIONS OF THIS CODE SHALL NOT APPLY TO THE DESIGN OF BUILDINGS WHERE WIND DESIGN IS REQUIRED IN ACCORDANCE WITH FIGURE R301.2(4)B. EXCEPTIONS:

1. FOR CONCRETE CONSTRUCTION, THE WIND PROVISIONS OF THIS CODE

AND R608. 2. FOR STRUCTURAL INSULATED PANELS, THE WIND PROVISIONS OF THIS CODE SHALL APPLY IN ACCORDANCE WITH THE LIMITATIONS OF SECTION

SHALL APPLY IN ACCORDANCE WITH THE LIMITATIONS OF SECTIONS R404

3. FOR COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION, THE WIND PROVISIONS OF THIS CODE SHALL APPLY IN ACCORDANCE WITH THE LIMITATIONS OF SECTIONS R505, R603 AND R804.

IN REGIONS WHERE WIND DESIGN IS REQUIRED IN ACCORDANCE WITH FIGURE R301.2(4)B, THE DESIGN OF BUILDINGS FOR WIND LOADS SHALL BE IN ACCORDANCE WITH ONE OR MORE OF THE FOLLOWING METHODS:

1. AF&PA; WOOD FRAME CONSTRUCTION MANUAL (WFCM). 2. ICC STANDARD FOR RESIDENTIAL CONSTRUCTION IN HIGH-WIND REGIONS

(ICC 600). 3. ASCE MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES (ASCE 7).

4. AISI STANDARD FOR COLD-FORMED STEEL FRAMING-PRESCRIPTIVE METHOD FOR ONE- AND TWO-FAMILY DWELLINGS (AISI S230).

5. INTERNATIONAL BUILDING CODE. THE ELEMENTS OF DESIGN NOT ADDRESSED BY THE METHODS IN ITEMS 1

THROUGH 5 SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THIS CODE. WHERE ASCE 7 OR THE INTERNATIONAL BUILDING CODE IS USED FOR THE

DESIGN OF THE BUILDING, THE WIND SPEED MAP AND EXPOSURE CATEGORY BE USREQUIREMENTS AS SPECIFIED IN ASCE 7 AND THE INTERNATIONAL BUILDING CODE SHALLED.

BRIDGING NOTE WALLS, TYPICAL FLOOR JOIST

INDICATED

ALL PLYWOOD SUBFLOORS SHALL BE SCREWED & GLUED TO JOISTS ALL WALLS & CEILINGS TO BE PRIMED READY FOR PAINT, WHERE

APPLICABLE M.L. = 1.9E MICROLAM BEAM ELECTRICAL NOTE SUPPLY AND INSTALL ALL NEW ELECTRICAL IN ACCORDANCE WITH THE

AIR SEAL NOTE

TO THE FOOTING. TO INSURE PROPER SUPPORT FOR THE FOOTINGS AND FOUNDATIONS WALLS, FOOTINGS MUST ALWAYS BE POURED WITH A FLAT BOTTOM SURFACE. FOOTINGS MAY BE STEPPED WHERE NECESSARY TO ALLOW FOOTING TO REMAIN BELLOW FROST LINE ON A SLOPING GRADE, BUT TH STRUCTURE MAY NOT BE BUILT ON THE SITE WHERE THE FINISHED GRADE LINE EXCEEDS A MEAN OF THIRTY DEGREE DOWN FROM LEVEL. SLOPING SITES REQUIRE SPECIAL ENGINEERING FOR EXTENDED FOUNDATION WALLS AND STEPPED FOOTINGS. 3. FOUNDATION DESIGN SHOWN ON THESE DRAWINGS ARE CONCEPTUAL ONLY. ACTUAL FOUNDATION DESIGN BY OTHERS. FOUNDATION DESIGN TO BE BASED UPON SITE SOIL CONDITIONS AND BUILDING CODE REQUIREMENTS. GEOTECHNICAL ENGINEERING IS NOT INCLUDED IN THIS CONTRACT. CONCRETE

FOUNDATIONS

1. PROVIDE TEST REPORTS FOR CONCRETE MATERIALS MIX DESIGNS AS SPECIFIED. 2. FORM MATERIALS TO BE PLYWOOD, LUMBER OR OTHER SUITABLE MATERIALS AS PER CURRENT TRADE PRACTICE. ALL FORM MATERIALS TO BE SMOOTH AND FREE OF DEFECTS. PROVIDE FORM RELEASE AGENTS AS REQUIRED. 3. REINFORCING BARS TO BE ANSI/ASTM A615, GRADE 60, DEFORMED, SIZE

AS INDICATED ON THE DRAWINGS DRAWINGS.

WATER: POTABLE

TON GRADE OR AS INDICATED ON THE DRAWINGS. ALL DEBRIS SHALL BE REMOVED FROM THE AREAS ONTO WHICH CONCRETE WILL BE PLACED, AND THE AREA SHOULD BE SMOOTHED AND LEVELED. 10. THE FORMS SHALL BE THOROUGHLY WETTED OR COATED WITH FORM

RELEASE AGENTS AS REQUIRED. 11. PLACING CONCRETE DEPOSIT CONCRETE AS NEAR AS POSSIBLE IN ITS FINAL POSITION TO AVOID SEGREGATION OF MATERIALS

12. ONCE PLACING IS STARTED, CARRY IT ON AS A CONTINUOUS OPERATION UNTIL PLACEMENT OF THE SECTION IS COMPLETE. 13. THOROUGHLY CONSOLIDATE ALL CONCRETE BY SUITABLE MEANS DURING PLACEMENT, WORKING IT AROUND ALL EMBEDDED FIXTURES AND IN TO CORNERS OF FORMS

14. LEVELING AND FINISHING ALL SLABS TO BE FLOATED AND TROWELD TO A SMOOTH FINISH. ALL FINISHED SLABS SHALL BE LEVEL TO WITHIN 1/8" PER 10' NON CONTIGUOUS. 15. ALL EXTERIOR SLABS AND WALKS TO RECEIVE A NON-SLIP BROOM FINISH.

MAX. 1:12.

18. CURE ALL CONCRETE AS PER ACL A30-1 CHAPTER 12.

• AS PER SECTION R301.2.1.1 OF THE CODE, THE DESIGN CRITERIA SHALL BE IN ACCORDANCE WITH THE AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE & TWO FAMILY DWELLINGS (WFCM).

CONCRETE NOTES

FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED SOIL A MINIMUM OF 36" BELLOW THE FINAL FINISHED GRADE LINE FOR ONE AND TWO STORY STRUCTURE. HOWEVER SHOULD THE FROST LINE BE LOCALLY DEEPER THEN THE DEPTHS SPECIFIED ABOVE, THEN THE BOTTOM OF THE FOOTINGS SHALL EXTEND BELOW THIS LOCAL FROST LINE. WHERE SLOPING GRADES ARE INVOLVED, FOOTING DEPTHS MUST ALWAYS BE MEASURED FROM THE POINT OF THE FINAL FINISHED GRADE LINE THAT IS CLOSEST

ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS AND RECOMMENDATIONS OF ACI-301-89 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (FC"= 3,000 P.S.I.); REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60. ALL FOUNDATIONS SHALL BE ADEQUATELY BRACED PRIOR TO BACKFILLING.

ALL CONCRETE WORK SHALL CONFORM TO ASTM C-90 FOR GRADE "N" UNITS WITH TYPE "M" MORTAR. ALL MASONRY WORK SHALL CONFORM TO ACI 531-79. PROVIDE GALVANIZED WALL TIES SPACED IN ACCORDANCE WITH SEC. R703.7.4.1 RCNYS FOR BRICK VENEER.

WELDED WIRE FABRIC TO BE ASTM A 185, SIZE AS INDICATED ON THE

CONCRETE MATERIALS PORTLAND CEMENT: ANSI/ASTM C 150, TYPE 1 STONE AGGREGATE: COURSE AND FINE AGGREGATE AS PER ASTM C 33

CONCRETE MIX MATERIALS SHALL BE PROPORTIONED IN ACCORDANCE WITH ALL BUILDING CODE REQUIREMENTS AND HAVE A TWENTY-EIGHT DAY COMPRESSIVE STRENGTH OF 3000 PSI.

PREPARATION PREPARATION BEFORE PLACING CONCRETE SHALL CONFORM TO ACI 301. CHAPTERS 8 AND 13 AND AS SPECIFIED AS FOLLOWS: THE EXCAVATION SHALL BE TAKEN DOWN AS REQUIRED FOR THE BOTTOM OF THE FOOTINGS TO BEAR ON SUITABLE SUB-GRADE WITH A MINIMUM 2

16. ALL REQUIRED PITCHES IN SLABS TO BE UTILIZED FOR ACCESS SHALL BE

17. CURING FRESH CONCRETE SHALL BE PROTECTED FROM HEAVY RAINS, FLOWING WATER, MECHANICAL INJURY AND FREEZING.

MISC. NOTES

MAXIMUM LIVE/DEAD LOAD DEFLECTION TO BE L/240

CONTRACTOR TO VERIFY ALL EXISTING BEAMS IN THE FIELD, V.I.F., REPLACE AS REQUIRED

ALL BEAMS SHALL HAVE SOLID BEARING ON NEW COLUMNS AND ALL COLUMNS SHALL TRANSFER LOADS DIRECTLY TO BEAMS OR CONCRETE FOUNDATION WALLS, AS INDICATED

ALL WOOD BEAMS TO BEAR ON 4" X 4" WOOD POST, UNLESS OTHERWISE

CONTRACTOR TO INSTALL SOLID WOOD BLOCKING AT ALL STEEL BEAMS WHERE FLOOR JOIST WILL HAVE A FLUSH CONNECTION, SECURE JOIST TO WOOD BLOCKING WITH METAL JOIST HANGERS OF APPROPRIATE WIDTH

SOLID BRIDGING TO BE INSTALLED SEE SECTIONS FOR LOCATIONS

INSTALL SOLID WOOD 'CATS' IN ALL BEARING WALLS AT MIDPOINT OF

DOUBLE FLOOR JOISTS BELOW ANY INTERIOR PARTITIONS PARALLEL TO

MIN. SPLICE DISTANCE @ TOP PLATES =4'-0"

ALL JOINTS, PENETRATIONS & OTHER SUCH OPENINGS IN THE BUILDING ENVELOPE THAT ARE SOURCES OF AIR LEAKAGE SHALL BE SEALED IN ACCORDANCE WITH THE NEW YORK STATE ENERGY CODE

TRIM NOTES:

SUPPLY AND INSTALL NEW WINDOW & DOOR TRIM #224 BY "DYKES" OR EQUAL AS SELECTED BY OWNER SUPPLY AND INSTALL NEW BASE MOULDING #292 BY "DYKES" OR EQUAL AS SELECTED BY OWNER WITH $\frac{1}{2}$ " RADIUS SHOE MOULDING, ALL PAINT

CLOSET NOTES:

PROVIDE VINYL COATED STEEL SHELF AND CLOSET ROD IN EACH NEW CLOSET AS INDICATED BY "CLOSETMAID" OR EQUAL PROVIDE (5) 12" DEEP WOOD SHELVES IN EACH NEW PANTRY CLOSET CONTRACTOR TO SUPPLY & INSTALL FIVE 20" DEEP SHELVES IN NEW LINEN CLOSET, VINYL COATED STEEL BY 'CLOSETMAID' OR EQ. @ 12" O.C. VERTICALLY, 16" A.F.F.

FIRE BLOCKING

R302.11 FIREBLOCKING

IN COMBUSTIBLE CONSTRUCTION, FIREBLOCKING SHALL BE PROVIDED TO CUT OFF BOTH VERTICAL AND HORIZONTAL CONCEALED DRAFT OPENINGS AND TO FORM AN EFFECTIVE FIRE BARRIER BETWEEN STORIES, AND BETWEEN A TOP STORY AND THE ROOF SPACE.

FIREBLOCKING SHALL BE PROVIDED IN WOOD-FRAMED CONSTRUCTION IN

THE FOLLOWING LOCATIONS: 1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AND PARALLEL ROWS OF STUDS OR STAGGERED STUDS, AS FOLLOWS:

1.1. VERTICALLY AT THE CEILING AND FLOOR LEVELS. 1.2. HORIZONTALLY AT INTERVALS NOT EXCEEDING 10 FEET (3048 MM).

2. AT INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS AND COVE CEILINGS.

3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN. ENCLOSED SPACES UNDER STAIRS SHALL COMPLY WITH SECTION R302.7

4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CABLES AND WIRES AT CEILING AND FLOOR LEVEL, WITH AN APPROVED MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION. THE MATERIAL FILLING THIS ANNULAR SPACE SHALL NOT BE REQUIRED TO MEET THE ASTM E 136 REQUIREMENTS.

5. FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES, SEE SECTION R1003.19. 6. FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING UNIT SEPARATION.

R302.11.1 FIREBLOCKING MATERIALS EXCEPT AS PROVIDED IN SECTION R302.11, ITEM 4, FIREBLOCKING SHALL

CONSIST OF THE FOLLOWING MATERIALS. 1. TWO-INCH (51 MM) NOMINAL LUMBER.

2. TWO THICKNESSES OF 1-INCH (25.4 MM) NOMINAL LUMBER WITH BROKEN LAP JOINTS.

3. ONE THICKNESS OF 23/32-INCH (18.3 MM) WOOD STRUCTURAL PANELS WITH JOINTS BACKED BY 23/32-INCH (18.3 MM) WOOD STRUCTURAL PANELS

4. ONE THICKNESS OF 3/4-INCH (19.1 MM) PARTICLEBOARD WITH JOINTS BACKED BY 3/4-INCH (19.1 MM) PARTICLEBOARD. 5. ONE-HALF-INCH (12.7 MM) GYPSUM BOARD.

6. ONE-QUARTER-INCH (6.4 MM) CEMENT-BASED MILLBOARD.

7. BATTS OR BLANKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS INSTALLED IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE. 8. CELLULOSE INSULATION INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E119 OR UL 263, FOR THE SPECIFIC APPLICATION

EGRESS NOTES

R310.1 EMERGENCY ESCAPE AND RESCUE REQUIRED. BASEMENTS WITH HABITABLE SPACE AND EVERY SLEEPING ROOM SHALL HAVE AT LEAST ONE OPERABLE EMERGENCY AND RESCUE OPENING. SUCH OPENING SHALL OPEN DIRECTLY INTO A PUBLIC STREET, PUBLIC ALLEY, YARD OR COURT, WHERE BASEMENTS CONTAIN ONE OR MORE SLEEPING ROOMS. EMERGENCY EGRESS AND RESCUE OPENINGS SHALL BE REQUIRED IN EACH SLEEPING ROOM, BUT SHALL NOT BE REQUIRED IN ADJOINING AREAS OF THE BASEMENT. WHERE EMERGENCY ESCAPE AND RESCUE OPENINGS ARE PROVIDED THEY SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES (1118 MM) ABOVE THE FLOOR. WHERE A DOOR OPENING HAVING A THRESHOLD BELOW THE ADJACENT GROUND ELEVATION SERVES AS AN EMERGENCY ESCAPE AND RESCUE OPENING AND IS PROVIDED WITH A BULKHEAD ENCLOSURE. THE BULKHEAD ENCLOSURE SHALL COMPLY WITH SECTION R310.3. THE NET CLEAR OPENING DIMENSIONS REQUIRED BY THIS SECTION SHALL BE OBTAINED BY THE NORMAL OPERATION OF THE EMERGENCY ESCAPE AND RESCUE OPENING FROM THE INSIDE. EMERGENCY ESCAPE AND RESCUE OPENINGS WITH A FINISHED SILL HEIGHT BELOW THE ADJACENT GROUND ELEVATION SHALL BE PROVIDED WITH A WINDOW WELL IN ACCORDANCE WITH SECTION R310.2. EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL OPEN DIRECTLY INTO A PUBLIC WAY, OR TO A YARD OR COURT THAT OPENS TO A PUBLIC WAY.

R310.1.1 MINIMUM OPENING AREA. ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET (0.530 M2).

EXCEPTION: GRADE FLOOR OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5 SQUARE FEET (0.465 M2).

R310.1.2 MINIMUM OPENING HEIGHT. THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES (610 MM).

R310.1.3 MINIMUM OPENING WIDTH. THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES (508 MM). R310.1.4 OPERATIONAL CONSTRAINTS. EMERGENCY ESCAPE AND

RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS, TOOLS OR SPECIAL KNOWLEDGE. R311.1 MEANS OF EGRESS

DWELLINGS SHALL BE PROVIDED WITH A MEANS OF EGRESS IN ACCORDANCE WITH THIS SECTION. THE MEANS OF EGRESS SHALL PROVIDE A CONTINUOUS AND UNOBSTRUCTED PATH OF VERTICAL AND HORIZONTAL FORESS TRAVEL FROM ALL PORTIONS OF THE DWELLING TO THE REQUIRED EGRESS DOOR WITHOUT REQUIRING TRAVEL THROUGH A GARAGE. THE REQUIRED EGRESS DOOR SHALL OPEN DIRECTLY INTO A PUBLIC WAY OR TO A YARD OR COURT THAT OPENS TO A PUBLIC WAY.

R311.2 EGRESS DOOR

NOT LESS THAN ONE EGRESS DOOR SHALL BE PROVIDED FOR EACH DWELLING UNIT. THE EGRESS DOOR SHALL BE SIDE-HINGED, AND SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 32 INCHES (813 MM) WHERE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES (1.57 RAD). THE CLEAR HEIGHT OF THE DOOR OPENING SHALL BE NOT LESS THAN 78 INCHES (1981 MM) IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF TH STOP. OTHER DOORS SHALL NOT BE REQUIRED TO COMPLY WITH THESE MINIMUM DIMENSIONS. EGRESS DOORS SHALL BE READILY OPENABLE FROM INSIDE THE DWELLING WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT

R312.2 WINDOW FALL PROTECTION

WINDOW FALL PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS R312.2.1 AND R312.2.2. R312.2.1 WINDOW SILLS

IN DWELLING UNITS, WHERE THE TOP OF THE SILL OF AN OPERABLE WINDOW OPENING IS LOCATED LESS THAN 24 INCHES (610 MM) ABOVE THE FINISHED FLOOR AND GREATER THAN 72 INCHES (1829 MM) ABOVE THE FINISHED GRADE OR OTHER SURFACE BELOW ON THE EXTERIOR OF THE BUILDING, THE OPERABLE WINDOW SHALL COMPLY WITH ONE OF THE FOLLOWING:

1. OPERABLE WINDOWS WITH OPENINGS THAT WILL NOT ALLOW A 4-INCH-DIAMETER (102 MM) SPHERE TO PASS THROUGH THE OPENING WHERE THE OPENING IS IN ITS LARGEST OPENED POSITION.

2. OPERABLE WINDOWS THAT ARE PROVIDED WITH WINDOW FALL PREVENTION DEVICES THAT COMPLY WITH ASTM F2090.

3. OPERABLE WINDOWS THAT ARE PROVIDED WITH WINDOW OPENING CONTROL DEVICES THAT COMPLY WITH SECTION R312.2.2.

BATH NOTES:

CONTRACTOR TO SUPPLY & INSTALL ALL PLUMBING FIXTURES, AS INDICATED, BY 'KOHLER' OR APPROVED EQUAL CONTRACTOR TO SUPPLY & INSTALL IN EACH NEW BATHROOM:

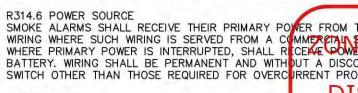
ONE 30" TOWEL ROD

ONE TOILET PAPER HOLDER ONE CUP & TOOTH BRUSH HOLDER

ONE SOAP DISH

NEW SHOWER DOORS TO BE CLASS II SAFETY GLASS AS PER N.Y.S. CODE R308.4

SMOKE ALARMS



SMOKE ALARMS	CARBON MONOXIDE ALARMS	
SECTION R314 SMOKE ALARMS R314.1 GENERAL	SECTION R315 CARBON MONOXIDE ALARMS R315.1 GENERAL	
SMOKE ALARMS SHALL COMPLY WITH NFPA 72 AND SECTION R314. R314.1.1 LISTINGS SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217.	CARBON MONOXIDE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 915 OF THE 2015 IFC, AS AMENDED BY THIS SUPPLEMENT. R315.1.1 LISTINGS	
COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217 AND UL 2034.	R315.2 WHERE REQUIRED	
R314.2 WHERE REQUIRED SMOKE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH THIS SECTION. R314.2.1 NEW CONSTRUCTION	CARBON MONOXIDE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS R315.2.1 AND R315.2.2. R315.2.1 NEW CONSTRUCTION	
SMOKE ALARMS SHALL BE PROVIDED IN DWELLING UNITS. R314.2.2 SMOKE ALARMS IN EXISTING DWELLINGS EXISTING DWELLINGS UNDERGOING REPAIR, ALTERATION, CHANGE OF	FOR NEW CONSTRUCTION, CARBON MONOXIDE ALARMS SHALL BE PROVIDED IN DWELLING UNITS WHERE EITHER OR BOTH OF THE FOLLOWING CONDITIONS EXIST.	
OCCUPANCY, ADDITION OR RELOCATION SHALL BE PROVIDED WITH SMOKE ALARMS AS REQUIRED BY APPENDIX J.	1. THE DWELLING UNIT CONTAINS A FUEL-FIRED APPLIANCE. 2. THE DWELLING UNIT HAS AN ATTACHED GARAGE WITH AN OPENING THAT	
R314.3 LOCATION SMOKE ALARMS SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS: 1. IN EACH SLEEPING ROOM.	COMMUNICATES WITH THE DWELLING UNIT. R315.2.2 ALTERATIONS, REPAIRS AND ADDITIONS WHERE ALTERATIONS, REPAIRS OR ADDITIONS REQUIRING A PERMIT OCCUR,	
2. OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS.	OR WHERE ONE OR MORE SLEEPING ROOMS ARE ADDED OR CREATED IN EXISTING DWELLINGS, THE INDIVIDUAL DWELLING UNIT SHALL BE EQUIPPED WITH CARBON MONOXIDE ALARMS LOCATED AS REQUIRED FOR NEW DWELLINGS.	
3. ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS AND HABITABLE ATTICS AND NOT INCLUDING CRAWL SPACES AND UNINHABITABLE ATTICS. IN DWELLINGS OR DWELLING UNITS WITH SPLIT LEVELS AND WITHOUT AN INTERVENING DOOR BETWEEN THE ADJACENT LEVELS, A SMOKE ALARM INSTALLED ON THE UPPER LEVEL SHALL SUFFICE FOR THE ADJACENT LOWER LEVEL PROVIDED THAT THE LOWER LEVEL IS LESS THAN ONE FULL STORY BELOW THE UPPER LEVEL.	EXCEPTIONS: 1. WORK INVOLVING THE EXTERIOR SURFACES OF DWELLINGS, SUCH AS THE REPLACEMENT OF ROOFING OR SIDING, OR THE ADDITION OR REPLACEMENT OF WINDOWS OR DOORS, OR THE ADDITION OF A PORCH OR DECK, IS EXEMPT FROM THE REQUIREMENTS OF THIS SECTION.	
4. SMOKE ALARMS SHALL BE INSTALLED NOT LESS THAN 3 FEET (914 MM) HORIZONTALLY FROM THE DOOR OR OPENING OF A BATHROOM THAT CONTAINS A BATHTUB OR SHOWER UNLESS THIS WOULD PREVENT	2. INSTALLATION, ALTERATION OR REPAIRS OF PLUMBING OR MECHANICAL SYSTEMS ARE EXEMPT FROM THE REQUIREMENTS OF THIS SECTION. R315.3 LOCATION	
PLACEMENT OF A SMOKE ALARM REQUIRED BY SECTION R314.3. R314.3.1 INSTALLATION NEAR COOKING APPLIANCES SMOKE ALARMS SHALL NOT BE INSTALLED IN THE FOLLOWING LOCATIONS	CARBON MONOXIDE ALARMS IN DWELLING UNITS SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS. WHERE A FUEL-BURNING APPLIANCE IS LOCATED WITHIN A BEDROOM OR ITS ATTACHED BATHROOM, A CARBON MONOXIDE	
UNLESS THIS WOULD PREVENT PLACEMENT OF A SMOKE ALARM IN A LOCATION REQUIRED BY SECTION R314.3. 1. IONIZATION SMOKE ALARMS SHALL NOT BE INSTALLED LESS THAN 20	ALARM SHALL BE INSTALLED WITHIN THE BEDROOM. R315.4 COMBINATION ALARMS COMBINATION CARBON MONOXIDE AND SMOKE ALARMS SHALL BE	
FEET (6096 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE. 2. IONIZATION SMOKE ALARMS WITH AN ALARM-SILENCING SWITCH SHALL	PERMITTED TO BE USED IN LIEU OF CARBON MONOXIDE ALARMS. R315.5 POWER SOURCE CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM	
NOT BE INSTALLED LESS THAN 10 FEET (3048 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE.	THE BUILDING WIRING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND, WHERE PRIMARY POWER IS INTERRUPTED, SHALL RECEIVE POWER FROM A BATTERY. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN THOSE REQUIRED FOR OVERCURRENT	
3. PHOTOELECTRIC SMOKE ALARMS SHALL NOT BE INSTALLED LESS THAN 6 FEET (1828 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE.	PROTECTION. EXCEPTIONS:	\bigcirc
R314.4 INTERCONNECTION WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT IN ACCORDANCE WITH SECTION R314.3, THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A	1. CARBON MONOXIDE ALARMS SHALL BE PERMITTED TO BE BATTERY OPERATED WHERE INSTALLED IN BUILDINGS WITHOUT COMMERCIAL POWER.	\vdash
MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL DWELLING UNIT. PHYSICAL INTERCONNECTION OF SMOKE ALARMS SHALL NOT BE REQUIRED WHERE LISTED WIRELESS ALARMS ARE INSTALLED AND ALL ALARMS SOUND UPON ACTIVATION OF ONE	2. CARBON MONOXIDE ALARMS INSTALLED IN ACCORDANCE WITH SECTION R315.2.2 SHALL BE PERMITTED TO BE BATTERY POWERED. R315.6 CARBON MONOXIDE DETECTION SYSTEMS	
ALARM. EXCEPTION: INTERCONNECTION OF SMOKE ALARMS IN EXISTING AREAS SHALL NOT BE REQUIRED WHERE ALTERATIONS OR REPAIRS DO NOT	CARBON MONOXIDE DETECTION SYSTEMS SHALL BE PERMITTED TO BE USED IN LIEU OF CARBON MONOXIDE ALARMS AND SHALL COMPLY WITH SECTIONS R315.6.1 THROUGH R315.6.4.	
RESULT IN REMOVAL OF INTERIOR WALL OR CEILING FINISHES EXPOSING THE STRUCTURE, UNLESS THERE IS AN ATTIC, CRAWL SPACE OR BASEMENT AVAILABLE THAT COULD PROVIDE ACCESS FOR INTERCONNECTION WITHOUT THE REMOVAL OF INTERIOR FINISHES.	R315.6.1 GENERAL HOUSEHOLD CARBON MONOXIDE DETECTION SYSTEMS SHALL COMPLY WITH NFPA 720. CARBON MONOXIDE DETECTORS SHALL BE LISTED IN ACCORDANCE WITH UL 2075.	
R314.5 COMBINATION ALARMS COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE PERMITTED TO BE USED IN LIEU OF SMOKE ALARMS.	R315.6.2 LOCATION CARBON MONOXIDE DETECTORS SHALL BE INSTALLED IN THE LOCATIONS SPECIFIED IN SECTION R315.3. THESE LOCATIONS SUPERSEDE THE	
R314.6 POWER SOURCE SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND, WHERE PRIMARY POWER IS INTERRUPTED, SHALL RECEASE POWER FROM A BATTERY. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING	LOCATIONS SPECIFIED IN NFPA 720. R315.6.3 PERMANENT FIXTURE WHERE A HOUSEHOLD CARBON MONOXIDE DETECTION SYSTEM IS INSTALLED, WINSHALL BECOME A PERMAMENT FIXTURE OF THE OCCUPANCY AND OWNED BY THE HOMEOWNER.	
SWITCH OTHER THAN THOSE REQUIRED FOR OVERCURRENT PROTECTION. EXCEPTIONS: 1. SMOKE ALARMS SHALL BE PERMITTED TO BE BATTERY OPERATED WHERE INSTALLED IN BUILDINGS WITHOUT COMMERCIAL POVER. BUILDINGS WITHOUT COMMERCIAL POVER.	B315.6.4 COMBINATION DETECTORS COMBINATIVE DETECTORS SHALL BE PERMITTED TO BE INSTALLED IN CARBON MONOXIDE DETECTION SYSTEMS IN	FZZ
2. SMOKE ALARMS INSTALLED IN ACCORDANCE WITH SECTION R314.2.2		
D714 7 FIDE ALADA OVOTEVO	thony Raguseo 01/27/2025	
R314.7.1 GENERAL FIRE ALARM SYSTEMS SHALL COMPLY WITH THE PROVISIONS OF THIS CODE No err AND THE HOUSEHOLD FIRE WARNING EQUIPMENT PROVISIONS OF NFPA 72. of the SMOKE DETECTORS SHALL BE LISTED IN ACCORDANCE WITH UL 268.	ors, omissions, or oversight on the part Plan Examiner shall release the design sional, applicant, and/or owner of the	
R314.7.2 LOCATION responsion SMOKE DETECTORS SHALL BE INSTALLED IN THE LOCATIONS SPECIFIED IN require	isibility to comply with all the ements of the NYS Building Code, I Laws of the Town of North Hempstead,	
R314.7.3 PERMANENT FIXTURE WHERE A HOUSEHOLD FIRE ALARM SYSTEM IS INSTALLED, IT SHALL BECOMED JURI A PERMANENT FIXTURE OF THE OCCUPANCY, OWNED BY THE HOMEOWNER.	other applicable codes and standards sdictions having authority over the work.	
R314.7.4 COMBINATION DETECTORS COMBINATION SMOKE AND CARBON MONOXIDE DETECTORS SHALL BE PERMITTED TO BE INSTALLED IN FIRE ALARM SYSTEMS IN LIEU OF SMOKE	04 27JUL24 AS PER BUILDING DEPARTMENT 03 2APR24 ISSUED FOR PERMIT	
DETECTORS, PROVIDED THAT THEY ARE LISTED IN ACCORDANCE WITH UL 268 AND UL 2075.	02 23JAN23 ISSUED FOR PERMIT	
	01 22DEC22 PRELIMINARY DESIGN	
	NO. DATE ISSUES/REVISIONS	
	THE	
	TRATEDY 112	
	DUL	
	Architects	
	NEW YORK	
	COMMERCIAL RESIDENTIAL PLANNING CORPORATE INTERIOR DESIGN 45 COMMONWEALTH BLVD. BELLEROSE VILLAGE NY 11001 516.375.1473 Fax 516.375.1473	
	E-mail r.keyloun@verizon.net Internet www.quay007/RKD.htm	
	DWG. TITLE	
	JOB NO. DATE PROJ. DIR.	
	2022-007 12DEC22 CPD drawn by ckd. by scale:	
	CPD R.K. SEE DRAWING DWG. NO.	
	$\Delta = 7$	

BUILDING CODE CRITERIA The following are excerpts of the 2015 IRC International Residential Code with commentary, 2015 WFCM for 1 and 2 family dwellings, and ASCE 2010.

TABLE R301.2(1) CLIMATE AND GEOGRAPHIC DÈSIGN CRITERIA

	WIND	DESIGN			SUB	ECT TO	DAMAGE	FROM		in the second	and l		
GROUND SNOW LOAD	SPEED (MPH)	TOPO- GRAPHICAL EFFECTS	WIND- BORNE DEBRIS ZONE	SEISMIC DESIGN CATEGORY		Frost line depth		Decay	Winter Design Temp.	lce shield underlayment required	Flood Hazard	Air freezing index	Mean Annual Tempurature
20	120	NO	NO	Nassau: B	Severe	3'-0"	Moderate to Heavy	Slight to Moderate	Nassau: 13	Yes	Zone X	496	52.9

R301.2.1.1 Design Criteria: Area located where wind speeds equal or exceeds 110 miles per hour. Design criteria based on THE 2015 American Forest and Paper Association Wood Frame Construction Manual for One and Two Family Dwelling (2015 A.F.P.A/W.F.C.M.). Note: the af & pa wood frame construction manual for one and two family dwellings (WFCM) is utilized in the design of the building for window loading.

TABLE R301.7 ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS

STRUCTURAL MEMBER Rafters having slopes greater than 3:12 with no finished ceiling attached to rafters

Exterior walls with plaster or stucco finish

Exterior walls - wind loads with brittle finishes

Exterior walls - winds loads with flexible finishes

TABLE R301.6 MINIMUM LIVE LOADS IN POUNDS-FORCE PER SQUARE FOOT OF HORIZONTAL PROJECTION

RISE 4 INCHES PER FOOT (1:3) TO LESS THAN 12 INCHES PER FOOT (1:1) 16 14

Interior walls and partitions

Floors and plastered ceilings

All other structural members

ROOF SLOPE

Veneer masonry walls

FLAT OR RISE LESS THAN 4 INCHES PER FOOT (1:3)

Wall supporting

Roof plus one story

Roof only

RISE 12 INCHES PER FOOT (1:1) AND GREATER

DEFLECTION

L/180

H/180

L/360

L/240

H/360

L/240

L/120

L/600

12

TRIBUTARY LOADED AREA IN SQUARE FEET FOR ANY STRUCTURAL MEMBER

0 TO 200 201 TO 600 OVER 60

12

25 psf

1.2

1.1

20 16

ROOF/CEILING DEAD LOAD DEAD LOAD

12

TABLE R301.2.2.2.1 WALL BRACING ADJUSTMENT FACTORS BY ROOF COVERING DEAD LOAD

15 psf or less

1.0

1.0

For SI: 1 pound per square foot = 0.049 kN/m

a. Linear interpolation shall be permitted.

TABLE R301.5 MINIMUM UNIFORMLY DISTRBUTED LIVE LOADS

(in pounds per square fo	ot)
USE.	LIVE LOAD
Attics with limited storage	20
Attics without storage	10
Decks	40
Exterior balconies	60
Sleeping rooms	30
Fire escapes	40
Guardrails and handrails	200
Guardrails in—fill components	50
Passenger vehicle garages	50
Rooms other than sleeping rooms	40
Sleeping rooms	30
Stairs	40

WIND-BORNE DEBRIS REGION This project is not located in a wind borne debris region. Contact architect for design loads.

TABLE 1: MINIMUM INSULATION THICKNESS FOR CIRCULATING HOT WATER PIPES (IEC R403 4)

FOR CIRCULATING HOT WATER	(PIPES (IEC R403.4)
Table 1: minimum ins circulating hot water	
FLUID TEMP. RANGE	MINIMUM REQD. INSUL.
Above 105 ° F	R-3
Below 55° F	R-3

TABLE 2: MINIMUM INSULATION THICKNESS FOR HVAC PIPES (IEC R403.5.3)

INSULATION FOR HOT WATER PIPE RESISTANCE OF R-3 SHALL BE A	
1. Piping $\frac{3}{4}$ " diam. and larger	4. Piping from the water heater to a distribution manifold
2. Piping serving more than 1 dwelling unit	5. Piping located under a floor slab

<u>1 dwelling unit</u> 3. Piping located outside the

conditioned space

MINIMUM SPECIFIED

6. Buried in piping TABLE R402.2

COMPRESSIVE	STRENGTH	OF	CONCRETE
TABLE INTO		-	CONODETE

	MINIMUM SPECI	FIED COMPRESSI	/E STRENGTH ^a (f'c)
	WEA	THERING POTENT	TAL ^b
TYPE OF LOCATION OF CONCRETE CONSTRUCTION	NEGLIGIBLE	MODERATE	SEVERE
Basement walls, foundation and other concrete not exposed to the weather	2,500	2,500	2,500 ^c
Basement slabs and interior slabs on grade, except garage floor slabs	2,500	2,500	2,500 ^c
Basement walls, foundation walls, exterior walls and other vertical concrete work exposed to the weather	2,500	3,000 ^d	3000 ^d
Porches, carport slabs and steps exposed to the weather, and garage floor slabs.	2,500	d,e,f 3,000	d,e,f 3,500

For SI: 1 pour a. Strength at

20'-0" 24'-0"

28'-0"

32'-0"

b. See table

c. Concrete in be air- entrai d. Concrete sl less than 5 p

/olume concrete is increased to not less than 4,000 psi.

UPLIFT STRAP CONNECTION REQUIREMENTS

		FASTEST MILE WINDSPEED (MPH)	and the second s		FASTEST MILE WINDSPEED (MPH)
FRAMING SPACING	ROOF SPAN (FT.)	130 MPH	SPACING	ROOF SPAN (FT.)	130 MPH
(IN.)		NAILS IN EA. END OF 1¼"×20 GAGE STRAP	(IN.)		NAILS IN EA. END OF 1¼"×20 GAGE STRAP
	12'-0"	(2) 8d		12'-0"	(2) 8d
10000	16'-0"	(2) 8d	12231	16'-0"	(3) 8d
1.7	20'-0"	(2) 8d		20'-0"	(3) 8d
12	24'-0"	(2) 8d	19.2	24'-0"	(4) 8d
	28'-0"	(3) 8d	100 M	28'-0"	(4) 8d
	32'-0"	(3) 8d		32'-0"	(4) 8d

rport slabs and steps exposed to r, and garage floor slabs.	2,500	d,e,f 3,000	d,e,f 3,500
und per square inch = 6.895 kPa. at 28 days psi R301.2(1) for weathering potential. in these locations that may be subject ained concrete in accordance with For shall be air— entrained. Total air cont percent or more than 7 percent. on R402.2 for maximum cementitious	otnote d. tent (percent t material conte	by volume of concr	rete) shall be no
e floors with a steel troweled finish, r	eduction of the	e total air content	(percent by vol

shall

e. See section f. For garage of concrete) to not less than 3 percent is permitted if specified compressive strength of the

(3) 8d

(3) 8d

(4) 8d

(4) 8d

		FASTEST MILE WINDSPEED (MPH)	and a second state of		FASTEST MILE WINDSPEED (MPH)
PACING	ROOF SPAN (FT.)	130 MPH	SPACING	ROOF SPAN (FT.)	130 MPH
(IN.)		NAILS IN EA. END OF 1¼"×20 GAGE STRAP	(IN.)		NAILS IN EA. END OF 1¼"x20 GAGE STRAP
_	12'-0"	(2) 8d		12'-0"	(2) 8d
	16'-0"	(2) 8d	12231	16'-0"	(3) 8d
	20'-0"	(2) 8d	100	20'-0"	(3) 8d
12	24'-0"	(2) 8d	19.2	24'-0"	(4) 8d
	28'-0"	(3) 8d		28'-0"	(4) 8d
	32'-0"	(3) 8d		32'-0"	(4) 8d
	36'-0"	(3) 8d		36'-0"	(5) 8d
	12'-0"	(2) 8d		12'-0"	(3) 8d
	16'-0"	(2) 8d		16'-0"	(3) 8d
	20'-0"	(3) 8d		20'-0"	(4) 8d
10					

24

1. Nailing requirements are based on wall sheathing nailed 6 inches on-center at the panel edge. if wall sheathing is nailed 3" on-center at the panel edge to obtain higher shear capacities, nailing requirements for structural members shall be doubled, or alternate connectors, such as shear plates, shall be used to maintain the load path.

24'-0" 28'-0"

32'-0"

(4) 8d

(5) 8d

(5) 8d

(6) 8d

2. When wall sheathing is continuous over connected members, the tabulated number of nails shall be permitted to be reduced to (1) 16d nail per foot.

RAFTER TO TOP PLATE / CEILING JOIST TO TOP PLATE JOINT NOTES (TABLE 3.4A ANSI/AF&PA WFCM-2015): -10d box nails shall be permitted to be substituted for 8d common nails

-When ceiling joist are installed parallel to rafters, the sum of the toenails in the rafter and and ceiling joist shall equal or exceed the tabulated number of nails required

-To avoid splitting, no more than two toenails shall be installed in each side of the rafter or ceiling joist when fastened to a 2x4 top plate or 3 toenails in each side when fastened to a 2x6 top plate COLLAR TIE TO RAFTER NOTES (TABLE 3.6 ANSI/AF&PA WFCM-2015):

-Tabulated connection requirements are based on total uplift minus 2/3 of the roof assembly dead load $(2/3 \times 10 \text{psf})$

-When the tabulated number of nails required in each end of the strap is equal to 1 and the framing is attached in accordance with table 3.1, the ridge strap and additional nailing is not required

-When a color tie is used in lieu of a ridge strap, the number of 10d common nails required in each end of the collar tie need not exceed the tabulated number of 8d nails in a steel strap

-Tabulated connection requirements are based on 12" ridge strap spacing, for different ridge strap spacing multiply the tabulated values by the appropriate multiplier below: if the number of nails in each end of the ridge strap exceeds 8, special connection hardware is required

-Tabulated length requirements assume a mean roof height of 33 feet. for mean roof heights of 15 feet or less, the tabulated values shall be permitted to be multiplied by 0.80

CEILING JOIST TO PARALLEL RAFTER / CEILING JOIST LAPS OVER PARTITIONS JOINT NOTES (TABLE 3.9A ANSI/AF&PA WFCM-2015):

- -Nailing requirements shall be permitted to be reduced 25% if nails are clinched -Heel joint connections are not required when the ridge is supported by a loadbearing wall, header or ridge beam
- -When intermediate support of the rafter is provided by vertical struts or purlins to a load bearing wall, the tabulated heel joint connection requirements shall be permitted to be reduced proportionally to the reduction in span
- -Equivalent nailing patterns are required for ceiling joist to ceiling joist lap splices -Tabulated heel joint connection requirements assume ceiling joists or rafter ties are located at the
- ,the tabulated heel joint connection requirements shall be increased by the following factors:

SHEATHING LOCATION	RAFTER/TRUSS SPACING	NAIL	STRUCTURAL SHEA NAIL SPACING FO NAILS (INCH		OMMON	
	(INCHES, O.C.)	110 MPH ZONE		120 MPH ZONE		
		E	F	E	F	
A' DEDINETED EDOE JONE	12" O.C.	6	12 ²	6	6	
4' PERIMETER EDGE ZONE	16" O.C.	6	6	6 ³	63	
INTERIOR LOCATION	12" O.C.	6	12	6	12	
INTERIOR LOCATION	16" O.C.	6	12 ²	6		
GABLE ENDWALL RAKE AND	RAKE TRUSS	4	4	4*	4*	
SHEATHING SIZE	RAFTER/TRUSS SPACING (INCHES, O.C.)		m number Nails Per			
1x6 OR 1x8 SHEATHING	12-19.2	1.1	2	6	2	
1x10 OR LARGER SHEATHING	12-19.2		3	4	3	

E = nail spacing at panel edges (inches)F = nail spacing at intermediate supports in the panel field (inches)

- 1 for roof sheathing within 4 feet of the perimeter edge of the roof, including 4 feet on each side of the roof peak, the 4 foot perimeter edge zone attachment requirements shall be used
- 2 tabulated 12 inch. o.c. nail spacing assumes sheathing attachedto rafter/truss framing members with g > 0.49. for framing members with g < 0.49 g < 0.49, the nail spacing shall be reduced
- by 6 inch. o.c.

inch. o.c.

- tabulated 6 inch. o.c. nail spacing assumes sheathing attachedto rafter/truss framing members with 4 g > 0.49. for framing members with g < 0.49 g < 0.49, the nail spacing shall be reduced by 4 inch. o.c.
- tabulated 4 inch. o.c. nail spacing assumes sheathing attachedto rafter/truss framing members with

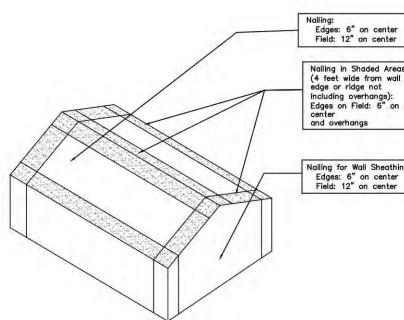
SHEATHING LOCATION	STUD SPACING MAXIMUM NAIL SPACIN	STRUCTURAL SHEATHIN MAXIMUM NAIL SPACIN NAILS (INCH		ING FOR 80	8d COMMON C.)	
INCHES, O.C.)		110 MF	110 MPH ZONE		130 MPH ZONE	
		E	F	E	F	
AL FROM JONE	12" O.C.	6	12	6	12	
4' EDGE ZONE	16" O.C.	6	12	6	12 ²	
INTERIOR ZONE	12" O.C.	6	12	6	12	
INTERIOR ZONE	16" O.C.	6	12	6	12	
SHEATHING SIZE	STUD SPACING (INCHES, O.C.)	MININ	IUM NUMBER	R OF 8d CO SUPPORT	MMON	
1x6 OR 1x8 SHEATHING	12-19.2		2	_	2	
1×10 OR LARGER SHEATHING	12-19.2		3		3	

E = nail spacing at panel edges (inches) F = nail spacing at intermediate supports in the panel field (inches)

1. for wall sheathing within 4 feet of the corners, the 4 foot edge zone attachments shall be used

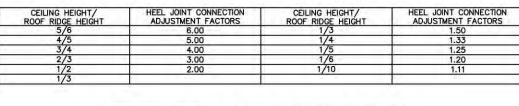
2. tabulated 12 inch o.c. nail spacing assumes sheathing attached to studframe members with $q \ge 0.49$.

for framing members with $0.42 \le g < 0.49$, the nail spacings shall be reduced to 6 inches o.c. 3. for exterior panel siding, galvanized box nails shall be permitted to be subsituted for common nails



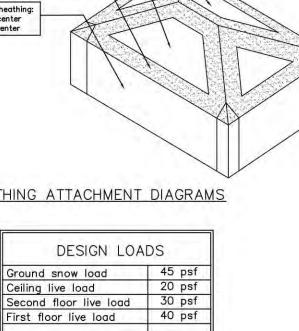
ROOF SHEATHING AND WALL SHEATHING ATTACHMENT DIAGRAMS

IGURE		CE 7-10 SEC	CT. 7.4 AND
SLOPE	CS	GSL	LIVE LOAD
3:12	(0.85) >	(45 PSF)	40 PSF
4:12		((45 PSF)	36 PSF
5:12	(0.74) >	(45 PSF)	34 PSF
6:12	(0.67) >	(45 PSF)	30 PSF
7:12	(0.6) >	(45 PSF)	27 PSF
8:12	(0.56) >	(45 PSF)	25 PSF
9:12	(0.51) >	((45 PSF)	23 PSF
0:12	(0.48) >	(45 PSF)	22 PSF
11:12	(0.44) >	(45 PSF)	20 PSF
12:12	(0.38) >	((45 PSF)	18 PSF



 RIDGE
 CONNECTION
 SPACING
 (IN.)
 12
 16
 19.2
 24
 48
 72

 MULTIPLIER
 1.00
 1.33
 1.60
 2.00
 4.00
 6.00



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		X		\square	-7
	L'		\sum	\bigvee	>
			A	Y	
		/			
			Z		

g > 0.49. for framing members with g < 0.49 g < 0.49, the nail spacing shall be reduced by 3

bottom of the attic space. when ceiling joist or rafter ties are located higher in the attic space

TEM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER 9,9,0	SPACING AND LOCATION
1	BLOCKING BETWEEN CEILING JOISTS OR RAFTERS TO TOP PLATE	ROOF 4-8d BOX (2 ¹ / ₂ "X0.113") OR 3-8d COMMON (2 ¹ / ₂ "X0.131"); OR 3-10d BOX (3" X 0.128"); OR 3-3" X 0.131" NAILS	TOE NAIL
2	CEILING JOISTS TO TOP PLATE	4-8d BOX (2½"X0.113") OR 3-8d COMMON (2½"X0.131"); OR 3-10d BOX (3" X 0.128"); OR 3-3" X 0.131" NAILS	PER JOIST, TOENAIL
3	CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER (SEE SECTIONS R802.3.1, R802.3.2 & TABLE R802.5.1(9))	4-8d BOX (2 ¹ / ₂ "X0.113") OR 3-8d COMMON (2 ¹ / ₂ "X0.131");OR	FACE NAIL
4	CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER (SEE SECTIONS R802.3.1, R802.3.2 & TABLE R802.5.1(9))	TABLE R802.5.1(9)	FACE NAIL
5	COLLAR TIE TO RAFTER, FACE NAIL OR 1 ‡" X 20GA. RIDGE STRAP TO RAFTER	4-10d BOX (3"X0.128") OR 3-10d COMMON (3"X0.148");OR 4-3" X 0.131" NAILS	FACE NAIL EACH RAFTER
6	RAFTER OR ROOF TRUSS TO PLATE	3-16d BOX (3 ¹ /20.135") OR 3-10d COMMON (3"X0.148"); OR 4-10d BOX (3" X 0.128"); OR 4-3" X 0.131" NAILS	2 TOE NAILS ON ON SIDE AND 1 TOE NAI ON OPPOSITE SIDE OF EACH RAFTER OF TRUSS
7	ROOF RAFTERS TO RIDGE, VALLEY OR HIP RAFTERS OR ROOF RAFTER TO MINIMUM 2" RIDGE BEAM	4–16d (3½"X0.135"); OR 3–10d COMMON (3"X0.148");OR 4–10d BOX (3" X 0.128"); OR 4–3" X 0.131" NAILS	TOF NAIL
		3-16d BOX (3½"X0.135") OR 3-10d COMMON (3"X0.148"); OR 4-10d BOX (3" X 0.128"); OR 4-3" X 0.131" NAILS	END NAIL
0	CTUD TO CTUD (NOT 17	WALL	and all stars and
	STUD TO STUD (NOT AT BRACED WALL PANELS)	16d COMMON (3½"X0.162") 10d BOX (3½"X0.135") OR 3" X 0.131" NAILS	24" O.C. FACE NAIL 16" O.C. FACE NAIL
9	STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL	16d COMMON (32"X0.162") OR 3" X 0.131" NAILS 16d COMMON (32"X0.162")	12" O.C. FACE NAIL 16" O.C. FACE NAIL
	PANELS) BUILT-UP HEADER (2" TO 2"	16d COMMON (32"X0.162")	16" O.C. EACH EDGE
	HEADER WITH ½" SPACER)	16d BOX (3 ¹ / ₂ "X0.135")	FACE NAIL 12" O.C. EACH EDGE FACE NAIL
11	CONTINUOUS HEADER TO STUD	4-8d COMMON (22"X0.131"); OR 4-10d BOX (3"X0.128")	16" O.C. EACH EDGE
12	TOP PLATE TO TOP PLATE	16d BOX (3 ¹ / ₂ "X0.162")	16" O.C. FACE NAIL
13	DOUBLE TOP PLATE SPLICE FOR SDCs A-D2 WITH SEISMIC BRACED WALL LINE SPACING<25'	16d BOX (3½"X0.162") 8-16d BOX (3½"X0.162");OR 12-16dBOX (3½"X0.135"); OR 12-10d BOX (3"X0.128"); OR 12-3" X 0.131" NAILS	12" O.C. FACE NAIL FACE NAIL ON EACH SIDE OF END JOINT (MINIMUM 24" LAP SPLICE LENGTH EACI SIDE OF END JOINT
	DOUBLE TOP PLATE SPLICE FOR SDCs D0,D1 OR D2; AND BRACED WALL LINE SPACING >	12-16d (3 ¹ / ₂ "X0.135")	
14	25' BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (NOT AT BRACED WALL PANELS)	16d COMMON (32"X0.162")	16" FACE NAIL
ŝ		16d BOX (3 ¹ / ₂ "X0.162"); OR 3" X 0.131"	12" FACE NAIL
	BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (AT BRACED WALL PANEL)	8–16d BOX (3½"X0.135"); OR 2–16dBOX (3½"X0.162"); OR 4–3" X 0.131" NAILS	3 EACH 16" O.C FACE NAIL 2 EACH 16" O.C. FACE NAIL 4 EACH 16" O.C. FACE NAIL
16	TOP OR BOTTOM PLATE TO STUD	4-8d BOX (3½"X0.113");OR 3-16d BOX (3½"X0.135"); OR 4-8d COMMON (2½"X0.131");OR 4-10d BOX (3"X0.128"); OR 4-3" X 0.131" NAILS	TOE NAIL
		3-16d BOX (3½"X0.135"); OR 2-16d COMMON(3½"X0.162");OR 3-10d BOX (3"X0.128"); OR 3-3" X 0.131" NAILS	END NAIL
17	TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	3-10d BOX (3½"X0.128");OR 2-16d COMMON(3½"X0.162");OR 3-3" X 0.131" NAILS	FACE NAIL
	1" BRACE TO EACH STUD PLATE	3-8d BOX (2½"X0.113");OR 2-8d COMMON(2½"X0.131");OR 2-10dBOX(3"X0.128"); OR 2 STAPLES, 1" CROWN, 16"GA., 2 STAPLES 1⅔"	FACE NAIL
	1" X 8" SHEATHING TO EACH BEARING	2 STAPLES 1 3-8d BOX (2½"X0.113"); OR 2-8d COMMON(2½"X0.131"); OR 2-10dBOX(3"X0.128"); OR 2 STAPLES, 1" CROWN, 16"GA., 1 ¾" LONG	FACE NAIL
20	1" X 8" AND WIDE SHEATHING TO EACH BEARING	3-8d BOX (2 ¹ / ₂ X0.113");OR 2-8d COMMON(2 ¹ / ₂ X0.131");OR 2-10dBOX(3"X0.128"); OR 2 STAPLES, 1" CROWN, 16"GA., 1 ¹ / ₄ " LONG WIDER THAN 8"	FACE NAIL
		4-8d BOX (2½"X0.113");OR 3-8d COMMON(2½"X0.131");OR 3-10dBOX(3"X0.128"); OR 4 STAPLES, 1" CROWN, 16"GA., 1 ≩" LONG	

TABLE R602.3(1) FASTENING SCHEDULE

	setting and story when he had a fer				
	JOIST TO SILL, TOP PLATE OR GIRDER	WIDER THAN 8" 4-8d BOX (22"X0.113"); OR	TOE NAIL		CEILINGS
		3-8d COMMON(22"X0.131"); OR 3-10dBOX(3"X0.128"); OR			Gypsum board (1/2-in.)
	a sea serve a serve and	3-3" X 0.131" NAILS	1. A.		Gypsum board (5/8—in.)
22	RIM JOIST, BAND JOIST OR	8d BOX (22"X0.113"); OR	4" O.C. TOE NAIL		Suspended steel channel system
	BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS	8d COMMON(22"X0.131"); OR	6" O.C. TOE	NAIL	COVERINGS, ROOF, AND W
	ALSO)	10d BOX(3"X0.128"); OR 3-3" X 0.131" NAILS			Asphalt shingles
	1" X 6" SUBFLOOR OR LESS	3-8d BOX (21"X0.113");OR	FACE NAIL		Gypsum sheathing, 1/2—in.
11	TO EACH JOIST	2-8d COMMON(2 ¹ / ₂ "X0.131");OR 3-10dBOX(3"X0.128"); OR	1.1.1		Plywood (per 1/2-in.)
		2 STAPLES, 1" CROWN, 16"GA.,			Rigid insulation, 1/2-in.
		1 ≩" LONG			Single-ply sheet waterproofing membrane
	2" SUBFLOOR TO JOIST OR GIRDER	3-16d BOX (32"X0.135"); OR 2-16d COMMON(22"X0.162")	BLIND AND I	FACE	Bituminous, smooth surface
	2" PLANKS (PLANK &	3-16d BOX (3 ¹ / ₂ "X0.135"); OR	AT EACH BE	EARING,	waterproofing membrane
	BEAM-FLOOR & ROOF)	2-16d COMMON(22"X0.162")	FACE NAIL		FLOORS AND FLOOR FINIS
26	BAND OR RIM JOIST TO JOIST	3-16d COMMON(3 ¹ / ₂ "x0.162"); OR 4-10d BOX(3"x0.128"); OR	TOE NAIL		Ceramic or quarry tile (3/4—in.)
		4-3"X0.131"NAILS; OR			on 1/2-in. mortar bed
		4-3"X14 GA.STAPLES, 7"CROWN			Hardwood flooring, 7/7—in.
	BUILT-UP GIRDERS AND	20D COMMON (4"X0.192"): OR	NAIL EACH I FOLLOWS: 3		Linoleum or asphalt tile, 1/4—in.
	BEAMS, 2 INCH LUMBER LAYERS	10D BOX (3"X0.128"); OR 3" X 0.131" NAILS AND	THE TOP AN	ND I	Subflooring, 3/4-in.
		2-20D COMMON (4"X0.192")OR	BOTTOM STA	AGGERED	floors, wood joist (no plaster)
		3-10d BOX (3"X0.128"); OR 3-3" X 0.131" NAILS	24" O.C. FA AT TOP AND	D BOTTOM	joist sizes (in.)
		AND:	STAGGERED OPPOSITE SI	ON	2x6
		2-20D COMMON (4"X0.192")OR			2x8
		3-10d BOX (3"X0.128"); OR	AND AT EAC		2x10
00		3-3" X 0.131" NAILS	AT FACE IN		2x12
	LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	4-16D COMMON (32"X0.135")OR 3-16d BOX (33"X0.162"):OR	RAFTER, FAC	CE NAIL	FRAME PARTITIONS
	and a start of the second s	3-16d BOX (3 ¹ / ₂ "X0.162");OR 4-10d BOX (3 [#] X 0.128");OR			Wood or steel studs, 1/2-in. gyp. both sides
		4-3" X 0.131" NAILS	FACIL FUE	705 114	FRAME WALLS
	BRIDGING TO JOIST	2-10D (3" X 0.128")	EACH END,		Exterior stud walls:
EM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER a,b,c	SPACING FASTEN		
				NTERMEDIATE SUPPORTSC, e	2x4 @ 16-in., 5/8-in. gypsum,
_	the second second	· · · · · · · · · · · · · · · · · · ·	(INCHES)h (I	INCHES)	insulated, 3/8-in. siding
		BFLOOR, ROOF, AND INTERIOR WA	(INCHES)n (I	INCHES)	2x6 @ 16-in., 5/8-in. gypsum,
F	RAMING AND PARTICLEBOARD W	ALL SHEATHING TO FRAMIMG 6D COMMON (2"X0.113")NAIL	(INCHES)n (I	INCHES)	2x6 © 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding
F		VALL SHEATHING TO FRAMIMG	LL SHEATHIN	INCHES) NG TO	2x6 @ 16-in., 5/8-in. gypsum,
F 30	RAMING AND PARTICLEBOARD V 8" - 2"	VALL SHEATHING TO FRAMING 6D COMMON (2"X0.113")NAIL (SUBFLOOR,WALL)i 8D COMMON (2 ¹ / ₂ "X0.131") NAIL	LL SHEATHIN	INCHES) NG TO	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaste plaster, add 5 ib/ft ² for each face plastered. va given represent averages. in some cases there is
F 30 31	RAMING AND PARTICLEBOARD V $ \frac{3}{9}^{n} - \frac{1}{2}^{n} $ 1 $ \frac{39}{22}^{n} - 1^{n}$	VALL SHEATHING TO FRAMING 6D COMMON (2"X0.113")NAIL (SUBFLOOR,WALL)i 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL 10D COMMON (3"X0.148") NAIL OR 8d(2½"X0.131") DEFORMED	6	INCHES) NG TO 12f	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaster plaster, add 5 ib/ft ² for each face plastered. va
F 50	RAMING AND PARTICLEBOARD V $\vec{3}'' - \vec{2}''$ $1 \vec{32}'' - 1''$ $1 \vec{32}'' - 1 \vec{4}''$	VALL SHEATHING TO FRAMING 6D COMMON (2"X0.113")NAIL (SUBFLOOR,WALL)i 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL 10D COMMON (3"X0.148") NAIL OR 8d(2½"X0.131") DEFORMED NAIL	6	INCHES) NG TO 12f 12f	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaste plaster, add 5 ib/ft ² for each face plastered. va given represent averages. in some cases there is
F 10 11 22	RAMING AND PARTICLEBOARD V 3" - 2" <u>1 32" - 1"</u> 1 3" - 1 4" OTH OTH	VALL SHEATHING TO FRAMING 6D COMMON (2"X0.113")NAIL (SUBFLOOR,WALL)i 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL 10D COMMON (3"X0.148") NAIL 0R 8d(2½"X0.131") DEFORMED NAIL HER WALL SHEATHINGg	6	INCHES) NG TO 12f 12f	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaste plaster, add 5 ib/ft ² for each face plastered. va given represent averages. in some cases there is
F 30 31 32	RAMING AND PARTICLEBOARD V $\vec{3}'' - \vec{2}''$ $1 \vec{32}'' - 1''$ $1 \vec{32}'' - 1 \vec{4}''$	VALL SHEATHING TO FRAMING 6D COMMON (2"X0.113")NAIL (SUBFLOOR, WALL): 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 0R 8d(2½"X0.131") DEFORMED NAIL HER WALL SHEATHINGg 1½" GALVANIZED ROOFING NAIL, 1½" GALVANIZED ROOFING NAIL, 1½" CROWN STAPLE 16 GA., 1½"	6 6 6	INCHES) NG TO 12f 12f 12f 12f	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaste plaster, add 5 ib/ft ² for each face plastered. va given represent averages. in some cases there is
F 30 51 32 33	RAMING AND PARTICLEBOARD V $ \frac{1}{8}^{\circ} - \frac{1}{2}^{\circ} $ $ \frac{1}{32}^{\circ} - 1^{\circ} $ $ \frac{1}{8}^{\circ} - 1 \frac{1}{4}^{\circ} $ OTH $ \frac{1}{8}^{\circ} STRUCTURAL CELLULOSIC $ FIBERBOARD SHEATHING	VALL SHEATHING TO FRAMIMG 6D COMMON (2"X0.113")NAIL (SUBFLOOR, WALL): 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 10D COMMON (3"X0.148") NAIL OR 8d(2½"X0.131") DEFORMED NAIL HER WALL SHEATHINGg 1½" GALVANIZED ROOFING NAIL, 1½" GALVANIZED ROOFING NAIL, 1½" CROWN STAPLE 16 GA., 1‡" LONG	6 6 6 3	INCHES) NG TO 12f 12f 12f 6	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaste plaster, add 5 ib/ft ² for each face plastered. va given represent averages. in some cases there is
F 30 31 32 33	RAMING AND PARTICLEBOARD V $ \frac{1}{3}^{m} - \frac{1}{2}^{m} $ $ \frac{1}{3}^{m} - 1^{m} $ $ \frac{1}{3}^{m} - 1 \frac{1}{4}^{m} $ OTH $ \frac{1}{3}^{m} \text{ STRUCTURAL CELLULOSIC} $	VALL SHEATHING TO FRAMING 6D COMMON (2"X0.113")NAIL (SUBFLOOR,WALL); 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 10D COMMON (3"X0.148") NAIL 0R 8d(2½"X0.131") DEFORMED NAIL HER WALL SHEATHINGg 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1½" LONG 1¾" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1¼" CROWN STAPLE 16 GA., 1¼"	6 6 6	INCHES) NG TO 12f 12f 12f 12f	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaster plaster, add 5 ib/ft ² for each face plastered. vo given represent averages. in some cases there is
F 30 31 32 33 33 34	RAMING AND PARTICLEBOARD V 3" - 2" <u>1 32" - 1"</u> <u>1 32" - 1 4"</u> OTH 2" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING 35" STRUCTURAL CELLULOSIC	VALL SHEATHING TO FRAMING 6D COMMON (2"X0.113")NAIL (SUBFLOOR, WALL): 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 0R 8d(2½"X0.131") DEFORMED NAIL HER WALL SHEATHINGG 1½" CALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1‡" LONG 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1‡" LONG 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1‡" LONG 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1‡" LONG 1½" GALVANIZED ROOFING NAIL, STAPLE GALVANIZED, 1½" LONG;	ALL SHEATHIN 6 6 6 6 3 3 7	INCHES) NG TO 12f 12f 12f 6	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaste plaster, add 5 ib/ft ² for each face plastered. va given represent averages. in some cases there is
F 30 31 32 33 33 34 35	RAMING AND PARTICLEBOARD V 3" - 2" <u>1 32" - 1"</u> <u>1 32" - 1 4"</u> <u>0Th</u> <u>3"</u> STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING <u>35</u> " STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING <u>1</u> " GYPSUM SHEATHINGd	VALL SHEATHING TO FRAMING 6D COMMON (2"X0.113")NAIL (SUBFLOOR,WALL); 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 10D COMMON (3"X0.148") NAIL 0R 8d(2½"X0.131") DEFORMED NAIL +ER WALL SHEATHINGg 1½" GALVANIZED ROOFING NAIL, 1½" CALVANIZED ROOFING NAIL, 1½" CALVANIZED ROOFING NAIL, STAPLE GALVANIZED, 1½" LONG; 1¼" SCREWS, TYPE W OR S	ALL SHEATHIN 6 6 6 6 3 3 7	INCHES) NG TO 12f 12f 12f 6 6 6	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaste plaster, add 5 ib/ft ² for each face plastered. va given represent averages. in some cases there is
F 30 31 32 33 34 35	RAMING AND PARTICLEBOARD V 3" - 2" <u>1 32" - 1"</u> <u>1 32" - 1"</u> <u>1 3" - 1 4"</u> OTH <u>3" STRUCTURAL CELLULOSIC</u> FIBERBOARD SHEATHING <u>35</u> " STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING <u>3</u> " GYPSUM SHEATHINGd <u>3</u> " GYPSUM SHEATHINGd	VALL SHEATHING TO FRAMIMG 6D COMMON (2"X0.113")NAIL (SUBFLOOR,WALL); 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 10D COMMON (3"X0.148") NAIL 0R 8d(2½"X0.131") DEFORMED NAIL +ER WALL SHEATHINGg 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1‡" LONG 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1‡" LONG 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1‡" LONG 1½" GALVANIZED ROOFING NAIL, STAPLE GALVANIZED, 1½" LONG; 1½" CALVANIZED ROOFING NAIL, STAPLE GALVANIZED ROOFING NAIL, STAPLE GALVANIZED, 1½" LONG; 1½" CALVANIZED ROOFING NAIL, STAPLE GALVANIZED, 1%" LONG; 1½" SCREWS, TYPE W OR S	(IICHES) (IICHES) 6 6 6 6 6 3 3 3 7 7 7 7	INCHES) NG TO 12f 12f 12f 6 6	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaste plaster, add 5 ib/ft ² for each face plastered. va given represent averages. in some cases there is
F 30 31 32 33 33 34 35 36	RAMING AND PARTICLEBOARD V 3" - 2" 1 32" - 1" 1 3" - 1 4" OTH 3" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING 35" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING 2" GYPSUM SHEATHING 3" GYPSUM SHEATHING WO	VALL SHEATHING TO FRAMING 6D COMMON (2"X0.113")NAIL (SUBFLOOR,WALL); 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 10D COMMON (3"X0.148") NAIL 0R 8d(2½"X0.131") DEFORMED NAIL +ER WALL SHEATHINGg 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1‡" LONG 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1‡" LONG 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1‡" LONG 1½" GALVANIZED ROOFING NAIL, STAPLE GALVANIZED, 1½" LONG; 1½" CALVANIZED ROOFING NAIL, STAPLE GALVANIZED, 1½" LONG; 1½" GALVANIZED ROOFING NAIL, STAPLE GALVANIZED, 1½" LONG; 1½" SCREWS, TYPE W OR S 1½" SCREW	(IICHES) (IICHES) 6 6 6 6 3 3 7 7 7 7	INCHES) NG TO 12f 12f 12f 6 6 6 7 7 7	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaste plaster, add 5 ib/ft ² for each face plastered. va given represent averages. in some cases there is
F 30 31 32 33 33 34 35 36	RAMING AND PARTICLEBOARD V 3" - 2" <u>1 32" - 1"</u> <u>1 32" - 1"</u> <u>1 3" - 1 4"</u> OTH <u>3" STRUCTURAL CELLULOSIC</u> FIBERBOARD SHEATHING <u>35</u> " STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING <u>3</u> " GYPSUM SHEATHINGd <u>3</u> " GYPSUM SHEATHINGd	VALL SHEATHING TO FRAMING 6D COMMON (2"X0.113")NAIL (SUBFLOOR, WALL)i 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 10D COMMON (3"X0.148") NAIL 10D COMMON (3"X0.148") NAIL 0R 8d(2½"X0.131") DEFORMED NAIL HER WALL SHEATHINGg 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1½" LONG 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1½" LONG 1½" CALVANIZED ROOFING NAIL, 76" ALVANIZED ROOFING NAIL, 76" SCREWS, TYPE W OR S 1½" SCREWS, TYPE W OR S 1½" SCREWS, TYPE W OR S 1½" SCREWS, TYPE W OR S 0D STRUCTURAL PANELS 6d DEFORMED (2"X0.130")NAIL; OR SD COMMON(2½"X0.131")NAIL	(IICHE3) (IICHE3) 6 6 6 6 6 6 7 7 7 6	INCHES) NG TO 12f 12f 12f 6 6 6	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaste plaster, add 5 ib/ft ² for each face plastered. va given represent averages. in some cases there is
F 30 31 32 33 33 34 35 36 37	RAMING AND PARTICLEBOARD V 3" - 2" 1 32" - 1" 1 3" - 1 4" OTH 3" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING 35" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING 2" GYPSUM SHEATHING 3" GYPSUM SHEATHING WO	VALL SHEATHING TO FRAMIMG 6D COMMON (2"X0.113")NAIL (SUBFLOOR, WALL)i 8D COMMON (2½"X0.131") NAIL (ROOF) 8D COMMON (2½"X0.131") NAIL 10D COMMON (2½"X0.131") NAIL 10D COMMON (3"X0.148") NAIL 0R 8d(2½"X0.131") DEFORMED NAIL HER WALL SHEATHINGg 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1½" LONG 1½" GALVANIZED ROOFING NAIL, 76" HEAD DIAMETER, OR 1" CROWN STAPLE 16 GA., 1½" LONG 1½" GALVANIZED ROOFING NAIL, 76" ALVANIZED ROOFING NAIL, 76" ALVANIZED ROOFING NAIL, 76" ALVANIZED ROOFING NAIL, 76" ALVANIZED ROOFING NAIL, 712" GALVANIZED ROOFING NAIL, STAPLE GALVANIZED ROOFING NAIL, STAPLE GALVANIZED ROOFING NAIL, STAPLE GALVANIZED ROOFING NAIL, STAPLE GALVANIZED ROOFING NAIL, 1½" SCREWS, TYPE W OR S 0D STRUCTURAL PANELS 6d DEFORMED (2"X0.120")NAIL;	(IICHE3) (IICHE3) 6 6 6 6 6 6 7 7 7 6	INCHES) NG TO 12f 12f 12f 6 6 6 7 7 7	2x6 @ 16-in., 5/8-in. gypsum, insulated, 3/8-in. siding Exterior stud walls with brick veneer * Weights of masonary include motar but not plaste plaster, add 5 ib/ft ² for each face plastered. va given represent averages. in some cases there is

FLOOR

WIDTH. C. NAILS SHALL BE SPACED AT NOT MORE THAN 6 INCLES ON CENTER AT ALL SUPPORTS OTED and resubmit WHERE SPANS ARE 48 INCHES OR GREATER WHERE SPANS ARE 48 INCHES OR GREATER. D. FOUR-FOOT BY 8-FOOT OR 4-FOOT BY 9-FOOT PAILELS SHALL BE APPLIED VERTICALLY. E. SPACING OF FASTENERS NOT INCLUDED IN THIS TABLE SHALL BE BASED ON TABLE Anthony Raguseo E. SPACING OF FASTENERS NOT INCLUDED IN THIS TABLE SHALL BE BASED ON TABLE ANDIHONY RAGUSEO R602.3(2). F. WHERE THE ULTIMATE DESIGN WIND SPEED IS 130 MPH OR LESS, NAILS FOR ATTACHING WOOD STRUCTURAL PANEL ROOF SHEATHING TO GABLE IND WALL FRAMING SHALL BE SPACED 6 INCHES ON CENTER, WHERE THE ULTIMATE DELIGN WIND SPEED IS GREATER THAN 130 MPH, NAILS FOR ATTACHING PANEL ROOF SHEATHING TO INTERNEDIATE SUPPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE TROM PUPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE TROM PUPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE TROM PUPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE TROM PUPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE TROM PUPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE TROM PUPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE TROM PUPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE TROM PUPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE TROM PUPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE TROM PUPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE TROM PUPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE TROM PUPORTS SHALL BE SUPORTED BY FRAMING MEMBERS ON SHEATHING SHALL CONFORM TO ASTM C 20ENO ETTORS, OMISSIONS, OT OVERSIGHT ON THE PART H. SPACING OF FASTENERS ON FLOOR SHEATHING PANEL EDGES APPLIES TO PANELFORESSIONAL, APPLICAT, and/or OWNER OF THE SUPPORTED BY FRAMING MEMBERS AND REQUIRED BLOCKING. BLOCKING OF ROOF GROMSIDILITY to comply with all the PROVIDED EXCEPT AS REQUIRED BY OTHER PROVISIONS OF THIS CODE. FLOOR PERIMETERQUIREMENTS of the NYS BUILDING CODE, SHAATHING PANEL COES PERPENDICULAR TO THE FRAMING MEMBERS VER DOOF THE RATTER QUIREMENTS OF THE NATURE AND TOE NAILS FROM THE CEILING JOIST TO TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE, PROVIDE TWO TOE NAILS ON ONE SIDE OF THE RATTE

JOINT DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	NAIL SPACING	REMARKS
	ROOF	FRAMING		
Rafter to top plate (Toe-nailed)	3-8d	3–10d	per rafter	
Ceiling Joist to top plate (Toe-nailed)	3-8d	3–10d	per rafter	
Ceiling Joist to Parallel Rafter (Face-nailed)	5–16d	5-40d	each lap	
Ceiling Joist Laps Over Partition	5–16d	5-40d	each lap	n
(Face-nailed) Collar Tie to Rafter (Face-nailed)	3-8d	3–10d	per tie	P
Blocking to Rafter (Toe-nailed)	2-8d	2-10d	each end	1
Rim Board to Rafter (End—nailed)	2-16d	3–16d	each end	
	WALL	FRAMING		
Top Plate to Top Place (Face-nailed)	2-16d	2-16d	per foot	
Top Plates at Intersections (Face-nailed)	4–16d	5–16d	joints — each side	
Stud to Stud (Face-nailed)	2-16d	2-16d	24"o.c.	1
Header to Header (Face-nailed)	16d	16d	16"o.c. along edges	
Top or Bottom Plate to Stud (End—nailed)	1–16d	1-40d	per stud	20
Bottom Plate to Floor joist, Bandjoist, Endjoist			· · · · · · · · · · · · · · · · · · ·	
Blocking (Face-nailed)	2-16d	2-16d	per foot	5
	FLOOR	FRAMING		4
Joist to Sill, Top Plate or Girder (Toe—nailed)	4-8d	4-10d	per joist	
Bridging to Joist (Toe—nailed)	28d	2-10d	each end	
Blocking to Joist (Toe-nailed)	28d	2–10d	each end	
Blocking to Sill or Top Plate (Toe-nailed)	3–16d	4–16d	each block	
edger Strip to Beam (Face-nailed)	3–16d	4–16d	each joist	
loist on Ledger to Beam (Toe—nailed)	3-8d	3–10d	per joist	
Band Joist to Joist (End-nailed)	3–16d	4–16d	per joist	
Band Joist to Sill or Plate (Toe-nailed)	2-16d	3–16d	per foot	
	ROOF	SHEATHING_		1
Structural Panels	8d	10d	see diagram	1
	CEILIN	G SHEATHING		1
Sypsum Wallboard	3" drywall screws	1" drywall screws	7" edge/ 10" field	
		SHEATHING	Provide and the second	1
Structural Panels	8d	10d	see diagram	
Sypsum Wallboard	2" drywall screws	2" drywall screws	7" edge/ 10" field	
		SHEATHING		1
Structural Panels 1" or less	8d	10d	6" edge/ 12" field	
Structural Panels greater than 1"	10d	16d	6" edge/ 6" field	
And any of the Shiring A started. (2020) (1	ASPHALT F	ROOF SHINGLES		L.
Asphalt Roof Shingles	6-12 ga. roofing nails		per shingle	galv. steel, stainles aluminum or coppe

		MINIMUM DESIGN DEAD LOADS* AS PER		
	1	TABLE C3-1 ASCE 7-10		DAD
TOE NAIL			(p	osf)
-		CEILINGS		
		Gypsum board (1/2—in.) Gypsum board (5/8—in.)		.0 .0
4" O.C.	TOF NAIL	Suspended steel channel system		2.0
6" O.C.		COVERINGS, ROOF, AN		.0
1111 C. 121		Asphalt shingles		.0
FACE NA	IL.	Gypsum sheathing, 1/2-in.		.0
1.1.1		Plywood (per 1/2-in.)		.6
		Rigid insulation, 1/2-in.	0	75
		Single-ply sheet waterproofing membrane	c	.7
BLIND AN	BEARING,	Bituminous, smooth surface waterproofing membrane	1	.5
FACE NA	L	FLOORS AND FLOOR F	INISHES	3
TOE NAIL		Ceramic or quarry tile (3/4—in.) on 1/2—in. mortar bed		5.0
		Hardwood flooring, 7/7-in.		.0
	H LAYER AS	Linoleum or asphalt tile, 1/4-in.		.0
THE TOP	32"O.C. AT	Subflooring, 3/4-in.		5.0
80TTOM	STAGGERED FACE NAIL	floors, wood joist (no plaster) joist sizes (in.)	12-in. 0.C.	1
STAGGER	AND BOTTOM	2x6	6	5
OPPOSITE	IL AT ENDS	2x8	6	6
AND AT	EACH SPLICE	2x0	7	6
IT FLOU		2x12	8	7
RAFTER,	JOIST OR FACE NAIL	FRAME PARTITIC		
		Wood or steel studs, 1/2-in. gyp. both sides		1.0
FACH EN	D, TOE NAIL	FRAME WALLS		
-	D, TOE NAIL	Exterior stud walls:		
FAST	ENERS	2x4 @ 16-in., 5/8-in. gypsum,		
EDGES (INCHES)	INTERMEDIATE SUPPORTSc,e (INCHES)	insulated, 3/8-in. siding	1	1.0
ALL SHEAT		2x6 @ 16-in., 5/8-in. gypsum,	4	
		insulated, 3/8-in. siding	1:	2.0
6	12f	Exterior stud walls with brick veneer		8.0
		* Weights of masonary include motar but not	plaster, for	
6	12f	plaster, add 5 ib/ft ² for each face plastere given represent averages. in some cases t	there is a	
6	12f	considerable range of weight for the same	construction.	
2.				
3	6			
3	6			
2.1				
L.S.				
7	7			
	1.000			
7	7			
6	1 12			
	1.			
	12			
6				
6 7 6	12			

INCH (20D COMMON NAIL), 90 KSI FOR SHANK DIAMETERS LARGER THAN 0.142 INCH BUT NOT LARGER THAN 0.177 INCH, AND 100 KSI FOR SHANK DIAMETERS ON A PPEROVED - Make corrections LESS. B. STAPLES ARE 16 GAGE WIRE AND HAVE A MINIMUM 7/16-INCH ON DIAMETER CROWN

1 04 27JUL24 AS PER BUILDING DEPARTMENT

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03	2APR24	ISSUED FOR PERMIT
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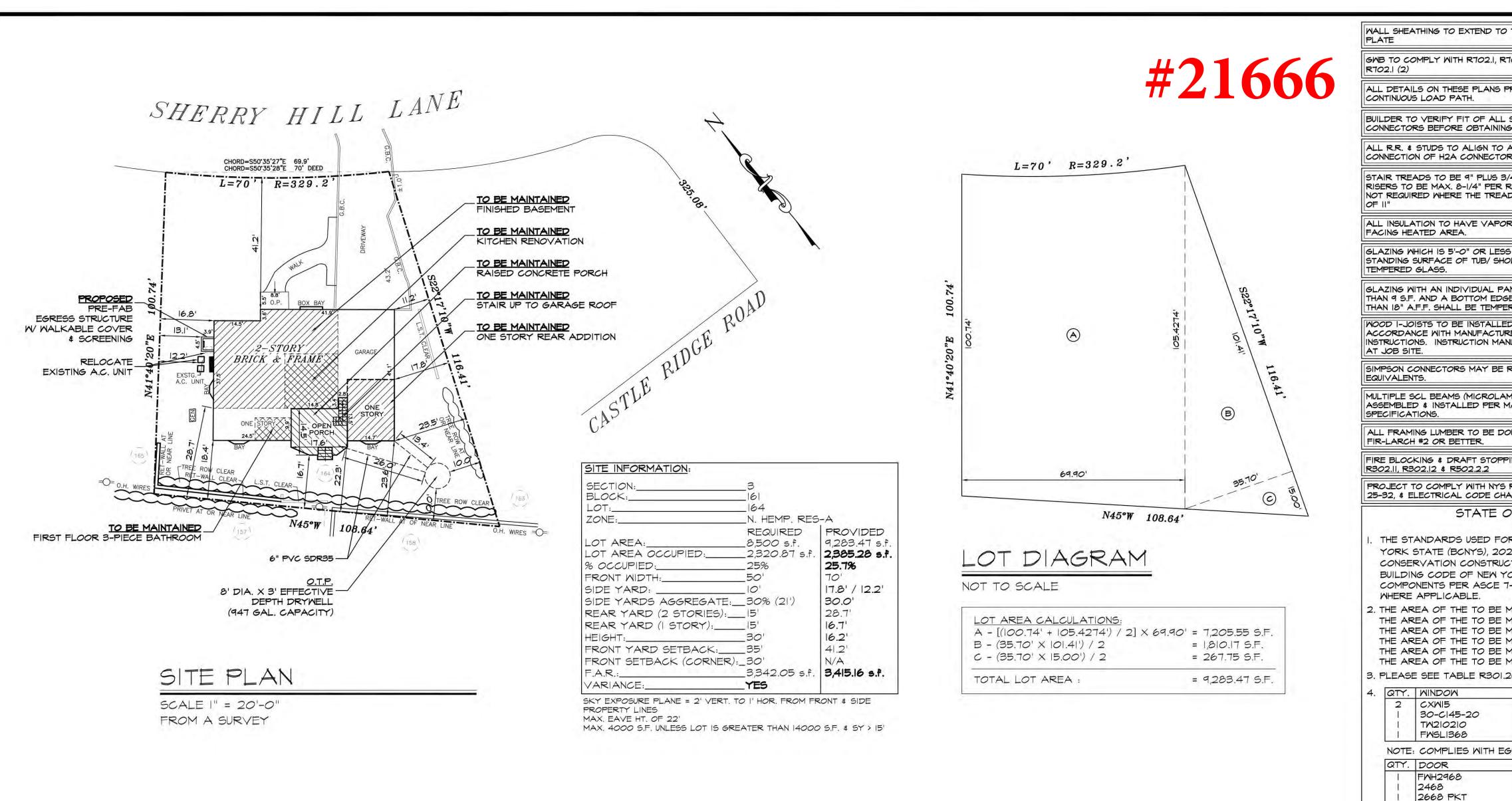
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COMMERCIAL RESIDENTIAL PLANNING CORPORATE INTERIOR DESIGN 45 COMMONWEALTH BLVD. BELLEROSE VILLAGE NY 11001 516.375.1473 Fax 516.375.1473 r.keyloun@verizon.net E-mail Internet www.quay007/RKD.htm

DWG. TITLE TABLES				
јов no. 2022—007	DATE	12DEC22	proj. dir. CPD	
drawn by CPD	CKD. BY	R.K.	scale: SEE DRAWING	
	DWG. NO.	A-	- 8	



CONCRETE & FOUNDATION NOTES:

. All footings shall bear on virgin soil having a minimum bearing capacity of 3,000 lbs per square foot. All exterior footings shall be a minimum of 3'-0" below grade unless noted otherwise in plans. Piles may be required depending upon local conditions. At the discretion of the engineer a separate foundation plan by a licensed soils engineer may be required. A soil boring stating bearing capacity is required to confirm these and water table conditions.

II. All existing fill, roots, and other unsuitable bearing material shall be removed and footings carried to the bottom of such excavation. Contractor to verify assumed soil bearing capacity and assume full responsibility for same. V. Contractor shall seal and prime all doors immediately upon A soil boring stating bearing capacity is required to confirm these and water table conditions. Contractor to notify the designer of any soil variation or condition adversely affecting assumed bearing capacity prior to the pouring of doors that are part of thermal envelope. REScheck values shall any footings.

Minimum compressive strength of concrete at 28 days to be as follows: A. Footings, piers, foundation walls: pc = 3,500 p.s.i. stone concrete.

3. Slab on grade: pc = 3,500 p.s.l. concrete per R402.2. . Superstructure, slab: pc = 3,500 p.s.i. stone concrete per R402.2.

D. All Concrete to have air entrainment of 5% to 7% per R402.2

V. Anchor bolts shall be set approx. one foot from corners. Set anchor Bolts on either side of all openings and minimum of two bolts in any one sill. V. Perform required alteration to existing concrete. New work installed adjacent to and connecting with present work shall match existing. Joints

between new and existing work shall be trowelled smooth and even. Provide expansion joints. VI. Provide continuous non-metallic termite shield with all joints sealed along

perimeter walls and shielded termite collars at plumbing pipes in crawl spaces unless otherwise noted. VII. Footings at different levels shall be stepped so that the clear distance

between adjacent bottom edges shall not exceed a slope of one vertical to two horizontal. VIII. Back fill shall not be placed against foundation walls until the concrete is

of sufficient strength and until the walls are properly braced top and bottom by the horizontal floor or by adequate temporary bracing. Concrete Foundations shall be poured continuously. If pour is interrupted a

Vertical key shall be provided. Horizontal joints are not permitted. X. Contractor shall verify dimensions and locations of slots, pipe sleeves, inserts, anchor bolts, electrical conduits, etc. as required for trades before placing concrete.

XI. Concrete: work included;

A. All footings, foundations, steps, platforms, etc. as per drawings. B. All concrete slabs.

C. All other works as required by drawings.

D. Set anchor Bolts

XII. All forms to be left in place for a minimum of 3 days after completion of XIII. Damp Proofing: Work included:

A. All surfaces to be damp proofed shall be dry, clean and smooth, free of dust, dirt, voids and cracks and shard projections. B. Allow 24 hours prior to backfilling.

C. Apply mastic emulsion only when temperature is 40 degrees and rising and in dru weather.

D. Apply Celotex Trowel Mastic or approved equal on all foundation walls below grade at basement and crawl spaces.

E. Mastic shall be applied at the rate of 1/8" thick wet. XIV. Contractor to underpin any existing foundation walls abutting new oundation walls, footings or excavations with a minimum 16" wide single pour

footing to a minimum of 36" below adjoining grade unless noted otherwise in

XV. Contractor to provide a minimum of R4.5 rigid insulation (vertical) as required for frost-protected footings in heated buildings per Table R403.3. FINISH WORK NOTES:

I. Trim, moldings, casings, window frames, etc. shall match existing unless I. All metal flashing where called for on plans shall be copper otherwise noted on drawings. II. All Gypsum Board walls and ceilings shall be taped, spackled, ready II. Contractor shall provide gutters and leaders as required and acceptable to Owner's painter unless otherwise agreed to by the

owner. III. Contractor shall provide wood steps to grade. Number of steps as required by code. All deck lumber to be pressure treated. IV. Contractor shall provide gutters and leaders as required and shall connect them to the approved storm water drainage system.

installation to avoid warping. VI. See table above for maximum U and SHGC values of windows and

supercede general notes. VII. Glass in doors, sidelights, and shower enclosures shall be sized, constructed, treated or combined with other materials as to minimize effectively the possibility of injuries to persons in the event this glass is cracked or broken.

VIII. All new windows shall be perma-shield finish in white as manufactured by Anderson or approved equal - furnished with insect screens, grilles, jamb extensions, trim. etc. with 5/8" insulated glass unless otherwise agreed to.

IX. Window manufacturers shall certify that their products meet minimum "U" values indicated and air infiltration rates K. The mechanical system shall be installed in accordance with chapter

12-24 of the Residential Code NY State. Contractor shall certify that the existing H.V.A.C. can support the new addition. XI. The plumbing system shall be installed in accordance with chapter 25-32 of the Residential Code NY State.

XII. The electrical equipment and wiring shall be installed in accordance with chapter 33-42 of the Residential Code NY State. XIII. The skylights are to comply with section R308.6.

XIV. The minimum insulation thickness for H.V.A.C. pipes shall be installed in accordance with section N1103.5. XV. The minimum insulation thickness for hot water pipes shall be

installed in accordance with section NII04.5. XVI. In all framed walls, floors and roof/ceiling comprising elements of the building thermal envelope, a moisture vapor retarder shall be

installed on the warm-in-winter side of the insulation in accordance with section R318. XVII. Wall and ceiling finishes shall have a flame spread classification of not greater than 200 with a smoke-development index of not

greater than 450 in accordance with section R315 and insulation shall have a flame spread index of not greater than 25 with smoke-developed index of not greater than 450 in accordance with section R316. Wall and ceiling finishes to comply with R315 and R316, NY

State Res. Code. XVIII. Interior wall covering shall be installed in accordance with section R702.3 and exterior wall covering shall be installed in accordance with section R703.4.

XIX. Asphalt shingles shall be installed in accordance with section R905.2.

XX. Double floor joists required under parallel partitions and all bathrooms.

XXI. A minimum of 90 percent of the lamps in permanently installed lighting fixtures shall be high-efficacy lamps.

XXII. Simpson Strong-Tie products are specifically required to meet the structural calculations of the plan. Before substitution, confirm load capacity based on reliable published testing data or calculations. The 6. Written dimensions shall have precedence over scaled Engineer shall evaluate and give written approval for substitution prior dimensions. to installation.

ROOFING NOTES:

or aluminum and shall connect them to approved storm water drainage

III. All exterior openings shall be properly flashed. IV. All work shall bear a written one (1) year guarantee from Roofing Contractor from the date of Owner's acceptance. V. All roof intersections to have flashing to extend 8" (measured vertically) above flat roof. VI. Built up roof is to be of 3-ply built up roof with gravel topping, ties into existing. VII. Roofing shall be either 235# square asphalt shingles over 15# felt or 3-ply mineral surfaced spec. #423-WMD as manufactured by Owens Corning Fiberglass Corp. or approved equal. (2 perma plies with 1 perma-cap sheet 200# square.)

VIII. New work shall tie in and lap as to prevent leakage. IX. All exterior nailing shall be aluminum or galvanized. X. Flashing to be provided at all roof penetrations, pipes, vents, skylights, chimneys and roof ventilators. Flashing to be provided at hips, ridges, valleys, changes of roof slope, gable ends and top of foundation walls. Flashing against a vertical sidewall shall be by the step-flash method. XI. A cricket or saddle shall be installed on the ridge side of

any chimney or penetration greater than 30" wide as measured perpendiculat to the slope. Cricket or saddle coverings shall be sheet metal or of the same material as the roof covering. XII. Install shims to provide for roof venting in flat roof areas. XIII. All interior leaders are to have I" foam sound insulation over PVC piping.

PATIO NOTES:

2. All concrete work shall conform to the requirements and recommendations of aci-301-84 "Specifications for Structural Concrete for Builders" (fc=3500 PSI); reinforcing steel shall conform to ASTM A-615 Grade 60.

3. All foundations shall rest on undisturbed soil of 1.5 tons/sq.ft. bearing capacity. Contractor shall verify the level of acceptable bearing strata in the field. 4. The contractor shall verify all existing conditions and dimensions before starting construction and shall notify the Engineer of any ambiguities or discrepancies before proceeding with the work. If any questions arise before or during construction as the intent or details of the drawings, the contractor shall notify the Engineer for clarifications and/or instructions. If the contractor fails to follow the above procedure, he shall assume responsibility for the consequences of his actions and/or decisions. 5. The owner shall arrange for supervision of the construction work to insure compliance with the contract documents.

I. All work shall conform to the requirements of The Residential Code of New York State and shall conform to the recommendations of the New York State Building Code Manual. All work shall also conform to the requirements of any other

authorities having jurisdiction. The contractor shall obtain and arrange for all required permits, inspections, certificates and

PLUMBING NOTES:

I. All plumbing work shall be in strict conformance with all state and local 11. Hot water heater shall have a maximum temperature setting of 120 degrees

III. Provide water supply lines to a new refrigerator as required by

manufacturers specifications. IV. Provide insulation on all new piping as required by code.

V. Water, soil or waste pipes installed in exterior walls, attics or crawl spaces shall be protected from freezing temperatures by pipe insulation with a minimum R-value of 5. VI. Remove and relocate all existing piping as required to assure the proper

execution of the work. VII. Below ground waste lines shall be E.H.C.I. piping.

VIII. Potable lines shall be type "L" copper. IX. All gas or oil piping required shall be performed by the plumbing contractor X. Sanitary disposal system shall be County Department of Health Service

approved for design and installation. XI. Contractor shall provide hot water baseboard heat throughout at perimeter wall unless otherwise noted. XII. Water main must be 7'-0" away from the sanitary disposal system and 4'-0"

XIII. See Notching and Drilling detail prior to cutting or notching any framing.

CORROSION PREVENTION NOTES I. All Simpson connectors, straps, hangers, etc. to be Z-Max type (G185 Galvanized) when contacting pressure treated lumber.

2. If contacting ACZA or ACQ-D Chloride pressure treated lumber or if used in or near waterfront locations, all Simpson connectors, straps, hangers, etc. to be stainless steel type. 3. Z-Max may be used if double Grace Vycor deck protector membrane

barrier is provided (see www.strongtie.com). 4. Termite shield to be copper type.

5. All nails into pressure treated lumber to be double hot dipped galvanized type.

GENERAL NOTES:

I. Engineer is not responsible for job supervision. II. Construction is to be left open until the local building department of has visited the site and instructed that construction may continue. J.L.

Drafting, Inc. is not responsible for the scheduling of inspections and a be held liable for costs to expose construction as required for inspe III. Contractor to verify adequacy of existing foundations, bearing wall headers to bear new construction. IV. Contractor to confirm that all asbestos insulation has been remove

the premises by a licensed asbestos removal company before the sta construction. V. These drawings have been prepared by or under the direction of

undersigned and to the best of the undersigned's knowledge, belief, professional judgment are in compliance with the New York State Ener Conservation Construction Code and the Residential Code of New Yor effective 5/2020.

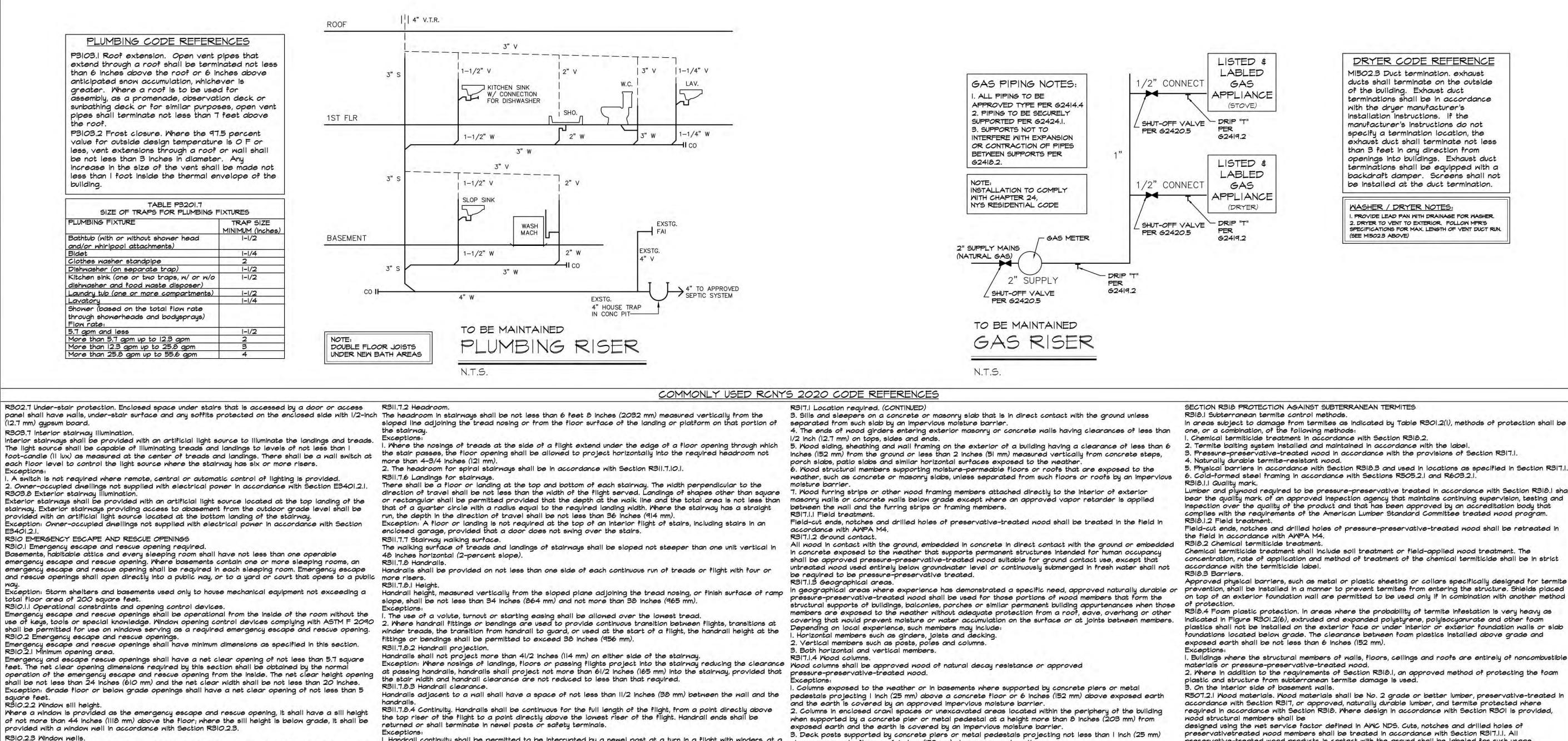
VI. It is a violation of the New York State Education Law for any pers unless acting under the direction of a registered Architect or a licen Professional Engineer to alter any item on this drawing. All alteration made in compliance with the New York State Education Law, and Const Code. The undersigned professional whose seal appears hereon assur responsibility for any such alteration or re-used without his written cor VII. The liability of JL Drafting, Inc. \$ Norman Lok, P.E. Interrante for omissions and/or negligence resulting in personal injuries, property da any consequential damages is limited to the amount of the fee paid for drawings. The retention or use of all or any part of these drawings n constitute acceptance of this limitation of liability. JL Drafting, Inc. \$ Lok, P.E. Interrante have no liability to persons other than the client these drawings were prepared. Anyone other than JL Drafting's clien relies on these drawings does so at their own risk. Copyright 2021 JL Drafting, Inc.

VIII. The issuing and / or granting of any certificate of use or occupar totally and completely under the control of the town, village, city or c government. Norman Lok, P.E. and JL Drafting, Inc. assume absolutely responsibility for the issuing and or granting of any certificates of use or occupancy

				TABLE RE	301.2(1) CLIMA	ATIC AND GEO	OGR
GROUND	WIND D	ESIGN (WIND ZO	NE I) (EXPOSURE	E CATEGORY B)	SEISMIC	SUBJEC.	т та
SNOW		TOPOGRAPHIC EFFECTS (*)	SPECIAL WIND REGION (*)	WIND-BOURNE DEBRIS ZONE (*)	DEGICI	WEATHERING	FRO
20 PSF	I30 ULT.	NO	NO	I MILE FROM COAST & FIRE ISLAND	в	SEVERE	

(*) DESIGN CRITERIA TO BE FILLED IN BY JURISD

			LEGEND	
WALL SHEATHING TO EXTEND TO TOP OF TOP PLATE	LOCATION	DESIGN LIVE LOAD, PSF (PER R301.5)	NEW FOUNDATION	
GWB TO COMPLY WITH R702.1, R702.3, TABLE R702.1 (2)	NON-SLEEPING ROOMS SLEEPING ROOMS	40 30	NEW PARTITION	Sec. 2
ALL DETAILS ON THESE PLANS PROVIDE A CONTINUOUS LOAD PATH.	ATTIC WITH FIXED STAIR ATTIC WITH STORAGE	20 30 20	DEMOLITION PARTI SD NEW SMOKE DETECT	TOR
BUILDER TO VERIFY FIT OF ALL SIMPSON CONNECTORS BEFORE OBTAINING THEM.	ATTIC WITHOUT STORAGE DECKS BALCONIES	10 40 40	HARDWIRED WITH B BACKUP NEW COMBINATION	
ALL R.R. & STUDS TO ALIGN TO ALLOW PROPER CONNECTION OF H2A CONNECTORS	GUARDS & HANDRAILS DEAD LOAD FOR ALL = 10 PSF PE	200 R R301.4 + PER R301.6	CO/SD SMOKE / CARBON N Ø DETECTOR(S) HARD	MONOXIDE
STAIR TREADS TO BE 9" PLUS 3/4" NOSING MIN. RISERS TO BE MAX. 8-1/4" PER R311, NOSING IS NOT REQUIRED WHERE THE TREAD DEPTH IS A M OF 11"	N. CASEMENT MAX U=0.30; MAX U=0.29;		H NEW HEAT DETECTO WITH BATTERY BACKUP	CKUP LL
ALL INSULATION TO HAVE VAPOR BARRIER FACING HEATED AREA.	AMNING MAX U=0.28; AMNING MAX U=0.29; HINGED FR. DOOR MAX U=0.30;	MAX SHGC=0.30 MAX SHGC=0.28 MAX SHGC=0.21	T.B.M. TO BE MAINTAINED POST TO BELOW POST FROM ABOVE	
GLAZING WHICH IS 5'-O" OR LESS ABOVE STANDING SURFACE OF TUB/ SHOWER SHALL BE	SLIDING FR. DOOR MAX U=0.30; PER NFRC CERTIFIED VALUES FOR A DESIGN PRESSURE RATING OF WIND	NDERSEN PRODUCTS.	P.T. PRESSURE TREATED HDG DOUBLE HOT DIPPE	>
TEMPERED GLASS. GLAZING WITH AN INDIVIDUAL PANE GREATER	DEFLECTION OF ALL MEMBERS CON R301.7 NYS RESIDENTIAL CODE	IPLIES WITH CLAUSE	GALVANIZED V.I.F. VERIFY IN FIELD, IF	
THAN 9 S.F. AND A BOTTOM EDGE WHICH IS LESS THAN 18" A.F.F. SHALL BE TEMPERED GLASS.	TABLE R301.7 ALLOWABLE DEFLECTION OF STR		P.C. POURED CONCRETE	
WOOD I-JOISTS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. INSTRUCTION MANUAL TO BE KEP AT JOB SITE.	Ratters having slopes greater than	DEFLECTION 3/12 L/180	JOIST HANGER W/ R XXX CAPACITY IN LBS.	req'd
SIMPSON CONNECTORS MAY BE REPLACED BY EQUIVALENTS.	Floors and plastered ceilings All other structural members	L/360 L/240	REPLACEMENT OF I	1) EXISTING
MULTIPLE SCL BEAMS (MICROLAM ETC.) TO BE ASSEMBLED & INSTALLED PER MANUFACTURERS	Exterior walls with plaster or stucco finish Exterior walls wind loads ^a with	L/240	DIRECT CONSTRUCTION, WIT REPLACEMENT AND QUALITY, WITH STRUCTURAL OPENI	IN SAME
ALL FRAMING LUMBER TO BE DOUGLAS	brittle finishes Exterior walls wind loads ^a with flexible finishes	L/120	O.T.P. OWNER TO PROVIDE	
FIRE BLOCKING & DRAFT STOPPING REQ'D PER	NOTE: L= span length, H= span heig a. The wind load shall be permitted the Component and Cladding loads f	o be taken as 0.7 times		
R302.11, R302.12 & R502.2.2 PROJECT TO COMPLY WITH NYS RESIDENTIAL ME	determining deflection limits herein.			
25-32, & ELECTRICAL CODE CHAPTERS 33-42.	RK PLAN REQUIREMENTS:			
	e analysis	S. Charles		
I. THE STANDARDS USED FOR THE DESIGN YORK STATE (BCNYS), 2020 RESIDENTIA CONSERVATION CONSTRUCTION CODE OF BUILDING CODE OF NEW YORK STATE (EF COMPONENTS PER ASCE 7-16 AND FLOO WHERE APPLICABLE.	L CODE OF NEW YORK STATE (RCN) NEW YORK STATE (ECCCNYS) AND BCNYS). ENGINEERED DESIGNED STR D DESIGN LOADS IN COMPLIANCE WI	(S), 2020 ENERGY 2020 EXISTING WCTURAL TH ASCE 24-14	8/15/24 3 TOWN COMMENT 6/26/24 2 TOWN COMMENT 8/18/23 I FOR FILING DATE: ISSUE NO. DESCRIPTION	NTS
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THE AREA OF THE TO BE MAINTAINED ST 3. PLEASE SEE TABLE R301.2(1) BELOW.			RESPONSIBLE FOR FIELD FIT	2 BA
4. QTY. WINDOW TYPE			NO ALLOWANCES SHALL BE MADE IN BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLECT ON	* * *
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I FWSLI368 SIDELIG	Contraction of the second state of the second state of the	NO	LUMBER TO ENSURE THAT THE CROWN FACES UP BEFORE INSTALLATION.	8/15/24
ATY. DOOR FWH2968	TYPE FRENCHWOOD HINGED PATIO DOG	90	JL DRAFTI	NG. INC.
1 2468 1 2668 PKT	STANDARD INTERIOR DOOR POCKET DOOR		All Types Of Pla	
1 2668 1 2068 1 4058 BI INSUL. 1 3068 SCFD	STANDARD INTERIOR DOOR STANDARD INTERIOR DOOR BIFOLDING CLOSET DOOR (INSULAT SELF CLOSING W/ 60 MIN. FIRE RA		Providing The Fines Drafting & Expe	~~~
5. PLEASE SEE THE ATTACHED REScheck P	RINTOUT FOR ENERGY CODE COMPLI		www.jldrafting.cor 707 Suite A Route 110 • Farmingd	
 6. PLEASE SEE THE NAILING SCHEDULE PG 7. THE COMBINATION CARBON MONOXIDE/ S SHOWN ON THE FLOOR PLAN. 		CTORS ARE	(631) 843–1949 • (718) 224–0001 • Fax	
8. CONTRACTOR TO VERIFY WINDOW & DOG	OR SIZE AND QUANTITY MATCHES PL	AN.	NORMAN C. LOK	, P.E.
ENERGY COMPLIANCE NOTE: TO THE BEST JUDGMENT, ALL WORK UNDER THIS APPLICA PERFORMANCE ALTERNATIVE OF THE 2020	TION IS IN COMPLIANCE WITH NILOS (R405) SIMULATED	NYS LICENSE NUMBER C	89525
NEW YORK STATE (ECCCNYS).			707 ROUTE 110 Suite FARMINGDALE, NY 11	
BLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIG ORY B) SEISMIC SUBJECT TO DAMAGE FI	ROM WINTER ICE BARRIER FLO		TEL: (631)755-7920	2
OURNE DESIGN ZONE CATEGORY WEATHERING FROST LINE DEPTH	RMITE DESIGN UNDERLAYMENT HAZA TEMP REQUIRED (*	INDEX TEMP	PROJECT TITLE:	
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until the local building department official d that construction may continue. J.L. or the scheduling of inspections and can not se construction as required for inspection.	NING / TOWN COL		MANHAGGET NY 110	
of existing foundations, bearing walls and	DISAPPROVED - Ma	ke correction	DRAINING TITLE:	
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and the Residential Code of New York State ork State Education Law for any person,	08/30/20		FINISHED BASEMENT, RAISED CONCRETE PORCH,	
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Iting in personal injuries, property damage, or ited to the amount of the fee paid for these	f the Plan Examiner shall re			IG NUMBER:
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Anyone other than JL Drafting's clients who	esponsibility to comply with equirements of the NYS Buil		N.C.L. 7	A =
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(12.7 mm) gypsum board.

Interior stairways shall be provided with an artificial light source to illuminate the landings and treads. The light source shall be capable of illuminating treads and landings to levels of not less than 1 foot-candle (II lux) as measured at the center of treads and landings. There shall be a wall switch at each floor level to control the light source where the stairway has six or more risers.

A switch is not required where remote, central or automatic control of lighting is provided. . Owner-occupied dwellings not supplied with electrical power in accordance with Section E3401.2.1.

Exterior stairways shall be provided with an artificial light source located at the top landing of the stairway. Exterior stairways providing access to abasement from the outdoor grade level shall be provided with an artificial light source located at the bottom landing of the stairway. Exception: Owner-occupied dwellings not supplied with electrical power in accordance with Section

R310 EMERGENCY ESCAPE AND RESCUE OPENINGS

Basements, habitable attics and every sleeping room shall have not less than one operable emergency escape and rescue opening. Where basements contain one or more sleeping rooms, an

Exception: Storm shelters and basements used only to house mechanical equipment not exceeding a otal floor area of 200 savare feet.

R310.2 Emergency escape and rescue openings. Emergency escape and rescue openings shall have minimum dimensions as specified in this section. R310.2.1 Minimum opening area.

Emergency and escape rescue openings shall have a net clear opening of not less than 5.7 square feet. The net clear opening dimensions required by this section shall be obtained by the normal operation of the emergency escape and rescue opening from the inside. The net clear height opening shall be not less than 24 inches (610 mm) and the net clear width shall be not less than 20 inches. Exception: Grade floor or below grade openings shall have a net clear opening of not less than 5

of not more than 44 inches (118 mm) above the floor; where the sill height is below grade, it shall be provided with a window well in accordance with Section R310.2.3.

The horizontal area of the window well shall be not less than 9 square feet (0.9 m), with a horizontal projection and width of not less than 36 inches (914 mm). The area of the window well shall allow the emergency escape and rescue opening to be fully opened. Exception: The ladder or steps required by Section R310.2.3.1 shall be permitted to encroach not

more than 6 inches (152 mm) into the required dimensions of the window well. R310.2.3.1 Ladder and steps.

Window wells with a vertical depth areater than 44 inches (1118 mm) shall be equipped with a permanently affixed ladder or steps usable with the window in the fully open position. Ladders or steps required by this section shall not be required to comply with Sections R311.7 and R311.8. Ladders or rungs shall have an inside width of not less than 12 inches (305 mm), shall project not less than 3 Inches (76 mm) from the wall and shall be spaced not more than 18 inches (457 mm) on center vertically for the full height of the window well.

R310.2.3.2 Drainage. Window wells shall be designed for proper drainage by connecting to the building's foundation drainage system required by Section R405.1 or by an approved alternative method.

Exception: A drainage system for window wells is not required where the foundation is on well-drained soil or sand-gravel mixture soils in accordance with the United Soil Classification System, Group I Soils, as detailed in Table R405.1. R310.2.4 Emergency escape and rescue openings under decks and porches.

Emergency escape and rescue openings shall be permitted to be installed under decks and porches provided that the location of the deck allows the emergency escape and rescue openings to be fully opened and provides a path not less than 36 inches (914 mm) in height to a yard or court. R310.2.5 Replacement windows.

Replacement windows installed in buildings meeting the scope of this code shall be exempt from the maximum sill height requirements of Sections R310.1 and Sections R310.2.1 and R310.2.2, provided the replacement window meets the following conditions:

. The replacement window is the manufacturer's largest standard size window that will fit within the existing frame or existing rough opening. The replacement window is of the same operating style as the existing window or a style that provides for an equal or greater window opening area than the existing window. 2. The replacement window is not part of a change of occupancy.

R310.3 Emergency escape and rescue doors.

Where a door is provided as the required emergency escape and rescue opening, it shall be permitted to be a side-hinged door or a slider. Where the opening is below the adjacent ground elevation, it shall be provided with a bulkhead enclosure.

R310.3.2 Area wells. Area wells shall have a width of not less than 36 inches (914 mm). The area well shall be sized to allow the emergency escape and rescue door to be fully opened. R310.3.2.1 Ladder and steps. Area wells with a vertical depth greater than 44 inches (1118 mm) shall be Where dwelling additions occur that contain sleeping rooms, an emergency escape and rescue opening shall be equipped with a permanently affixed ladder or steps usable with the door in the fully open position. Ladders or steps required by this section shall not be required to comply with Section R311.7. Ladders 'escape and rescue opening shall be provided in the new basement. or rungs shall have an inside width of not less than 12 inches (305 mm), shall project not less than 3 inches (76 mm) from the wall and shall be spaced not more than 18 inches (457 mm) on center vertically for the full height of the exterior stairwell.

foundation drainage system required by Section R405.1 or by an approved alternative method. Exception: A drainage system for area wells is not required where the foundation is on well-drained soil or sand-gravel mixture soils in accordance with the United Soil Classification System, Group I Soils, as detailed in Table R405.1.

R311.7.1 Width. Stairways shall be not less than 36 inches (914 mm) in clear width at all points above the use of naturally durable wood or wood that is preservative-treated in accordance with AWPA UI. permitted handrail helight and below the required headroom height. The clear width of stairways at and below the handrail height, including treads and landings, shall be not less than 311/2 inches (787 mm) where a handrail is installed on one side and 27 inches (698 mm) where handrails are installed on within the periphery of the building foundation. both sides.

Exception: The width of spiral stairways shall be in accordance with Section R311.7.10.1

I. Handrail continuity shall be permitted to be interrupted by a newel post at a turn in a flight with winders, at a landing, or over the lowest tread.

R317.1.5 Exposed glued-laminated timbers. 2. A volute, turnout or starting easing shall be allowed to terminate over the lowest tread. The portions of glued-laminated timbers that form the structural supports of a building or other structure R312.1.1 Where required. Guards shall be provided for those portions of open-sided walking surfaces, including and are exposed to weather and not properly protected by a roof, eave or similar covering shall be stairs, ramps and landings, that are located more than 30 inches (762 mm) measured vertically to the floor or pressure treated with preservative, or be manufactured from naturally durable or preservative-treated grade below at any point within 36 inches (914 mm) horizontally to the edge of the open side. Insect screening shall not be considered as a quard. R317.2 Quality mark

R312.1.2 Height. Required guards at open-sided walking surfaces, including stairs, porches, balconies or Lumber and plywood required to be pressure-preservative treated in accordance with Section R318.1 shall packaging, shall bear a label that indicates compliance landings, shall be not less than 36 inches (914 mm) in height as measured vertically above the adjacent walking bear the quality mark of an approved inspection agency that maintains continuing supervision, testing and surface or the line connecting the nosings. inspection over the quality of the product and that has been approved by an accreditation body that Exceptions: complies with the requirements of the American Lumber Standard Committee treated wood program.

I. Guards on the open sides of stairs shall have a height of not less than 34 inches (864 mm) measured vertically from a line connecting the nosings

2. Where the top of the quard serves as a handrail on the open sides of stairs, the top of the quard shall be not less than 34 inches (864 mm) and not more than 38 inches (965 mm) as measured vertically from a line connecting the nosings. R312.1.3 Opening limitations.

Required guards shall not have openings from the walking surface to the required guard height that allow passage of a sphere 4 inches (102 mm) in diameter. Exceptions:

I. The triangular openings at the open side of stair, formed by the riser, tread and bottom rail of a guard, si not allow passage of a sphere 6 inches (153 mm) in diameter. 2. Guards on the open side of stairs shall not have openings that allow passage of a sphere 4-3/8 inches (III mm) in diameter.

R312.2 Window fall protection Window fall protection shall be provided in accordance with Sections R312.2.1 and R312.2.2. R312.2.1 Window sills. In dwelling units, where the top of the sill of an operable window opening is less than 24 inches above the finished floor and greater than 72 inches above the finished grade or other surface below on the exterior of the building, the operable window shall comply with one of the following I. Operable windows with openings that will not allow a 4 inch diameter sphere to pass through the opening

where the opening is in its largest opened position. 2. Operable windows that are provided with window fall prevention devices that comply with ASTM F 2090. 3. Operable windows that are provided with window opening control devices that comply with R312.2.2. R312.2.2 Window opening control devices.

Window opening control devices shall comply with ASTM F 2090. The window opening control device, after operation to release the control device allowing the window to fully open, shall not reduce the net clear opening area of the window unit to less than the area required by Section R310.2.1. R310.5 Dwelling additions.

provided in each new sleeping room. Where dwelling additions occur that have basements, an emergency

Exceptions:

I. An emergency escape and rescue opening is not required in a new basement that contains a sleeping room locations. with an emergency escape and rescue openina. Fasteners, including nuts and washers, for fire-retardant-treated wood used in exterior applications or R310.3.2.2 Drainage. Area wells shall be designed for proper drainage by connecting to the building's 2. An emergency escape and rescue opening is not required in a new basement where there is an emergency wet or damp locations shall be of hot-dipped, zinc-coated galvanized steel, stainless steel, silicon bronze escape and rescue opening in an existing basement that is accessed from the new basement. or copper. Fasteners other than nails, staples and timber rivets shall be permitted to be of mechanically SECTION R317 PROTECTION OF WOOD AND WOOD-BASED PRODUCTS AGAINST DECAY deposited zinc-coated steel with coating weights in accordance with ASTM B 695, Class 55 minimum. R317.1 Location required. R317.3.4 Fasteners for fire-retardant-treated wood used in interior applications.

Protection of wood and wood-based products from decay shall be provided in the following locations by the Fasteners, including nuts and washers, for fire-retardant-treated wood used in interior locations shall be i accordance with the manufacturer's recommendations. In the absence of the manufacturer's 1. Wood joists or the bottom of a wood structural floor when closer than 18 inches (457 mm) or wood girders recommendations, Section R317.3.3 shall apply. when closer than 12 inches (305 mm) to the exposed ground in crawl spaces or unexcavated area located

R317.4 Plastic composites. Plastic composite exterior deck boards, stair treads, guards and handrails containing wood, cellulosic or 2. Wood framing members that rest on concrete or masonry exterior foundation walls and are less than 8 other biodegradable materials shall comply with the requirements of Section R507.3. inches (203 mm) from the exposed ground.

above a concrete floor or 6 inches (152 mm) above exposed earth.

R317.2.1 Required information. The required quality mark on each piece of pressure-preservative-treated lumber or plywood shall contain the following information:

. Identification of the treating plant. ; 2. Type of preservative.

3. The minimum preservative retention. ; 4. End use for which the product was treated. 5. Standard to which the product was treated. ; 6. Identity of the approved inspection agency. ; 7. The

designation Dry, if applicable. Exception: Quality marks on lumber less than 1 inch (25 mm) nominal thickness, or lumber less than nominal inch by 5 inches (25 mm by 127 mm) or 2 inches by 4 inches (51 mm by 102 mm) or lumber 36 inches (914 mm) hall or less in length shall be applied by stamping the faces of exterior pieces or by end labeling not less than 25 percent of the pieces of a bundled unit.

R317.3 Fasteners and connectors in contact with preservative-treated and fire-retardant-treated wood. Fasteners, including nuts and washers, and connectors in contact with preservative-treated wood and fire-retardant-treated wood shall be in accordance with this section. The coating weights for zinc-coated fasteners shall be in accordance with ASTM A 153. Stainless steel driven fasteners shall be in accordance horizontal (67-percent slope), the ice barrier shall also be applied not less than 36 inches (914 mm) with the material requirements of ASTM F 1667.

R317.3.1 Fasteners for preservative-treated wood. Fasteners, including nuts and washers, for preservative-treated wood shall be of hot-dipped, zinc-coated

galvanized steel, stainless steel, silicon bronze or copper. Staples shall be of stainless steel. Coating types and weights for connectors in contact with preservative-treated wood shall be in accordance with the connector manufacturer's recommendations. In the absence of manufacturer's recommendations, a minimum of ASTM A 653 type GI85 zinc-coated galvanized steel, or equivalent, shall be used. R317.3.1 Exceptions:

I. 1/2-inch-diameter (12.7 mm) or greater steel bolts.

2. Fasteners other than nails, staples and timber rivets shall be permitted to be of mechanically deposited ANSI Z21.1 or UL 858. zinc-coated steel with coating weights in accordance with ASTM B 695, Class 55 minimum. the cooking surface shall be listed and labeled in accordance 3. Plain carbon steel fasteners in SBX/DOT and zinc borate preservative-treated wood in an interior, dry with UL 923. environment shall be permitted. R317.3.2 Fastenings for wood foundations.

Fastenings, including nuts and washers, for wood foundations shall be as required in AFPA PWF. R317.3.3 Fasteners for fire-retardant-treated wood used in exterior applications or wet or damp

1	

DRYER CODE REFERENCE MI502.3 Duct termination. exhaust ducts shall terminate on the outside of the building. Exhaust duct terminations shall be in accordance with the druer manufacturer's installation instructions. If the manufacturer's instructions do not specify a termination location, the exhaust duct shall terminate not less than 3 feet in any direction from openings into buildings. Exhaust duct terminations shall be equipped with a backdraft damper. Screens shall not be installed at the duct termination.

WASHER / DRYER NOTES: , PROVIDE LEAD PAN WITH DRAINAGE FOR WASHER, 2. DRYER TO VENT TO EXTERIOR. FOLLOW MER'S SPECIFICATIONS FOR MAX. LENGTH OF VENT DUCT RUN. (SEE MISO2.3 ABOVE)

SECTION R318 PROTECTION AGAINST SUBTERRANEAN TERMITES

In areas subject to damage from termites as indicated by Table R301.2(1), methods of protection shall be

. Chemical termiticide treatment in accordance with Section R318.2.

3. Pressure-preservative-treated wood in accordance with the provisions of Section R317.1.

5. Physical barriers in accordance with Section R318.3 and used in locations as specified in Section R317.1 6. Cold-formed steel framing in accordance with Sections R505.2.1 and R603.2.1.

Lumber and plywood required to be pressure-preservative treated in accordance with Section R318.1 shall bear the quality mark of an approved inspection agency that maintains continuing supervision, testing and inspection over the quality of the product and that has been approved by an accreditation body that complies with the requirements of the American Lumber Standard Committee treated wood program.

Field-cut ends, notches and drilled holes of pressure-preservative-treated wood shall be retreated in

Chemical termiticide treatment shall include soil treatment or field-applied wood treatment. The concentration, rate of application and method of treatment of the chemical termiticide shall be in strict

Approved physical barriers, such as metal or plastic sheeting or collars specifically designed for termite

R318.4 Foam plastic protection. In areas where the probability of termite infestation is very heavy as indicated in Figure R301.2(6), extruded and expanded polystyrene, polyisocyanurate and other foam plastics shall not be installed on the exterior face or under interior or exterior foundation walls or slab foundations located below arade. The clearance between foam plastics installed above arade and exposed earth shall be not less than 6 inches (152 mm).

I. Buildings where the structural members of walls, floors, ceilings and roofs are entirely of noncombustible materials or pressure-preservative-treated wood 2. Where in addition to the requirements of Section R318.1, an approved method of protecting the foam plastic and structure from subterranean termite damage is used.

R507.2.1 Wood materials. Wood materials shall be No. 2 grade or better lumber, preservative-treated in accordance with Section R317, or approved, naturally durable lumber, and termite protected where required in accordance with Section R318. Where design in accordance with Section R301 is provided,

designed using the wet service factor defined in AWC NDS. Cuts, notches and drilled holes of preservativetreated wood members shall be treated in accordance with Section R317.1.1. All

preservative-treated wood products in contact with the ground shall be labeled for such usage. R507.2.2 Plastic composite deck boards, stair treads, guards, or handrails. Plastic composite exterior deck boards, stair treads, guards and handrails shall comply with the requirements of ASTM D7032 and

R507.2.2.1 Labeling. Plastic composite deck boards and stair treads, or their packaging, shall bear a labe that indicates compliance with ASTM D7032 and includes the allowable load and maximum allowable span determined in accordance with ASTM D7032. Plastic or composite handrails and guards, or their

with ASTM D7032 and includes the maximum allowable span determined in accordance with ASTM D7032. R507.2.2.2 Flame spread index. Plastic composite deck boards, stair treads, guards, and handrails shall exhibit a flame spread index not exceeding 200 when tested in accordance with ASTM E84 or UL 723 with the test specimen remaining in place during the test.

Exception: Plastic composites determined to be noncombustible. R902.4 Rooftop-mounted photovoltaic panel systems.

this section.

the outdoors.

Rooftop-mounted photovoltaic panel systems installed on or above the roof covering shall be tested, listed and identified with a fire classification in accordance with UL 1703 and UL 2703. Class A, B or C photovoltaic panel systems and modules shall be installed in jurisdictions designated by law as requiring their use or where the edge of the roof is less than 3 feet from a lot line.

R905.1.2 Ice barriers. In areas where there has been a history of ice forming along the eaves causing a backup of water as designated in Table R301.2(1), an ice barrier shall be installed for asphalt shinales. metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles and wood shakes. The ice barrier shall consist of not fewer than two layers of underlayment cemented together, or a self-adhering polymer-modified bitumenshaet shall be used in place of normal underlayment and extend from the lowest edges of all roof subtaces to a point not less than 24 likenes 1610 mm inside the extended wall line of the building. On roats with slope equal to or greater than eight units vertical in 12 units measured along the roof slope from the save edge of the building. Exception: Detached accessory structures not containing conditioned floor area Ke correction

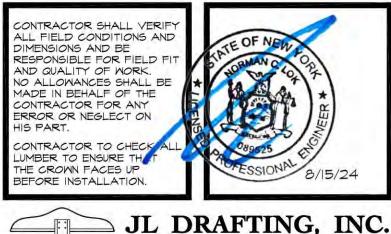
MI503.2 Domestic cooking exhaust. Where domestic cooking exhaust equipment is provided it shall comply with one of the following: . The fan for overhead range hoods and downdraft exhaust equipment not integral with the cooking appliance shall be listed and labeled in accordance with UL 507. 2. Overhead range hoods and downdraft exhaust equipment with integral for shall comply with UL 507. 3. Domestic cooking appliances with integral downdraft exhaust HOPPy Ragusee

equipment shall be listed and abeled in accordance with 3/30/2024 4. Microwave ovens with integral exhaust for installation over

MI503.3 Exhaust discharge. Tomestic cooking exhaust equipment shall discharge to the outgoes through a duct The oversight on the par duct shall have a smooth interior surface, shall be airtight, 55 shall be equipped with a backdraft dampin and shall be camin er shall release the design domestic cooking exhaust equipment professione, rapplicant, and/or owner of the attic or crawl space or areas inside the building, Exception: Where installed n accord area promotion bility to comply with all the manufacturer's instructions, and where mechanical or natural the NYS Building Code, ventilation is otherwise provided, lister and idealants of the NYS Building Code, ductless range hoods shall not be required to discharge of the Town of North Hempstead and all other applicable codes and standards of jurisdictions having authority over the wor

LEGEND	
	NEW FOUNDATION
11111111111	NEW PARTITION
	EXIST. PARTITION
	DEMOLITION PARTITION / FOUND.
SD Ø	NEW SMOKE DETECTOR HARDWIRED WITH BATTERY BACKUP
co/sd ⊗	NEW COMBINATION OR SEPARATE SMOKE / CARBON MONOXIDE DETECTOR(S) HARDWIRED WITH BATTERY BACKUP
\oplus	NEW HEAT DETECTOR HARDWIRED WITH BATTERY BACKUP
L.B. WALL	LOAD BEARING WALL
T.B.M.	TO BE MAINTAINED
	POST TO BELOW
	POST FROM ABOVE
P.T.	PRESSURE TREATED
HDG	DOUBLE HOT DIPPED GALVANIZED
V.I.F.	VERIFY IN FIELD, IF DIFFERENT FROM PLAN CONTACT DESIGN PROFESSIONAL
P.C.	POURED CONCRETE
∏ ×××	JOIST HANGER W/ REQ'D CAPACITY IN LBS.
TECO	JOIST HANGER W/ 600 LB. CAPACITY (MINIMUM)
DIRECT REPLACEMENT	REPLACEMENT OF EXISTING CONSTRUCTION, WITH LIKE KIND AND QUALITY, WITHIN SAME
0.T.P.	STRUCTURAL OPENING OWNER TO PROVIDE

8/15/24	3	TOWN COMMENTS
6/26/24	2	TOWN COMMENTS
8/18/23	Ĩ	FOR FILING
DATE:	ISSUE NO.	DESCRIPTION



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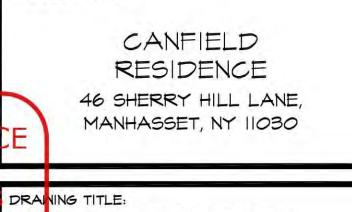
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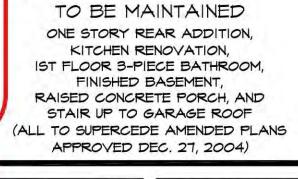
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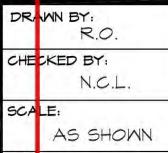
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PROJECT TITLE







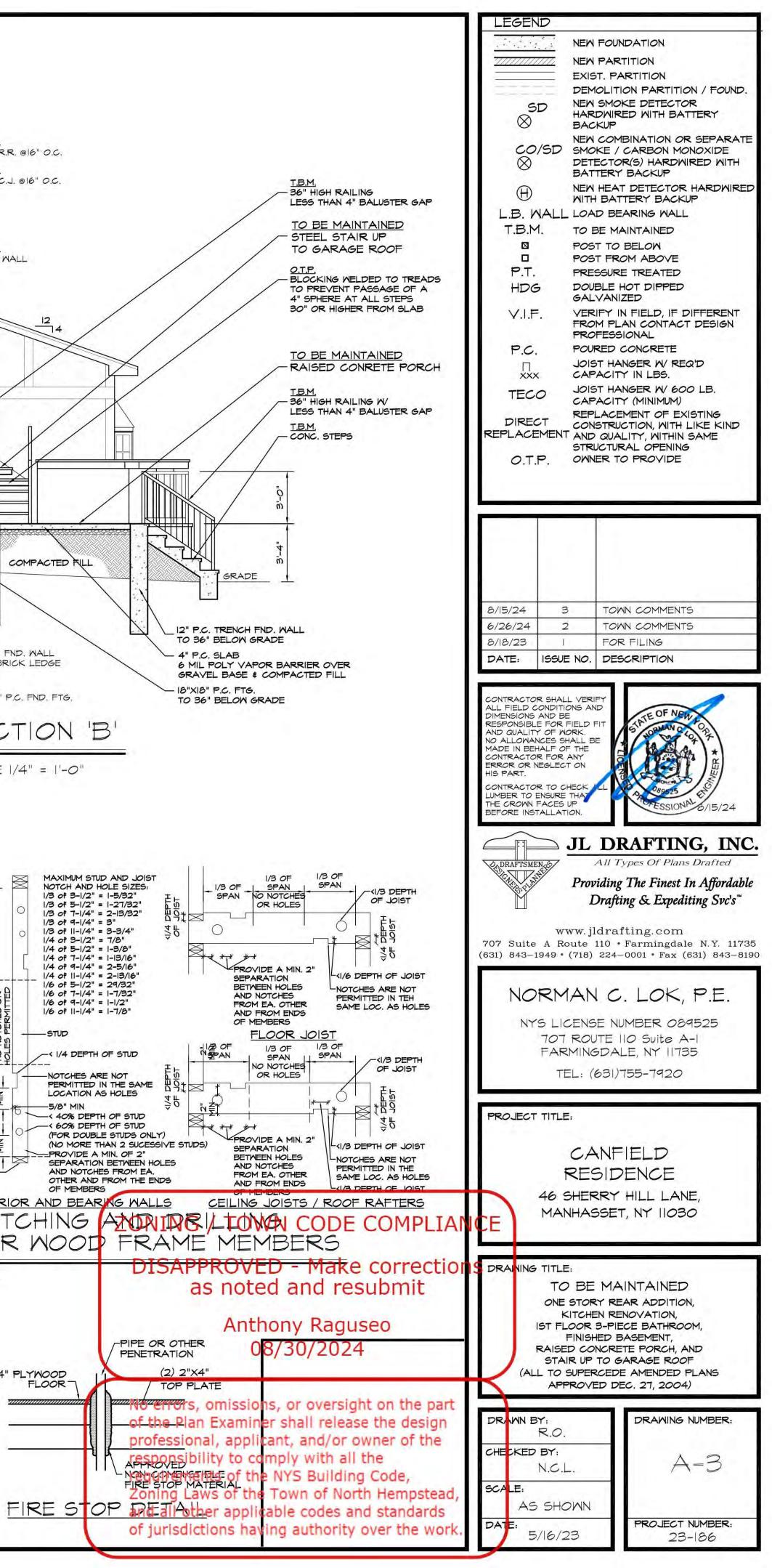
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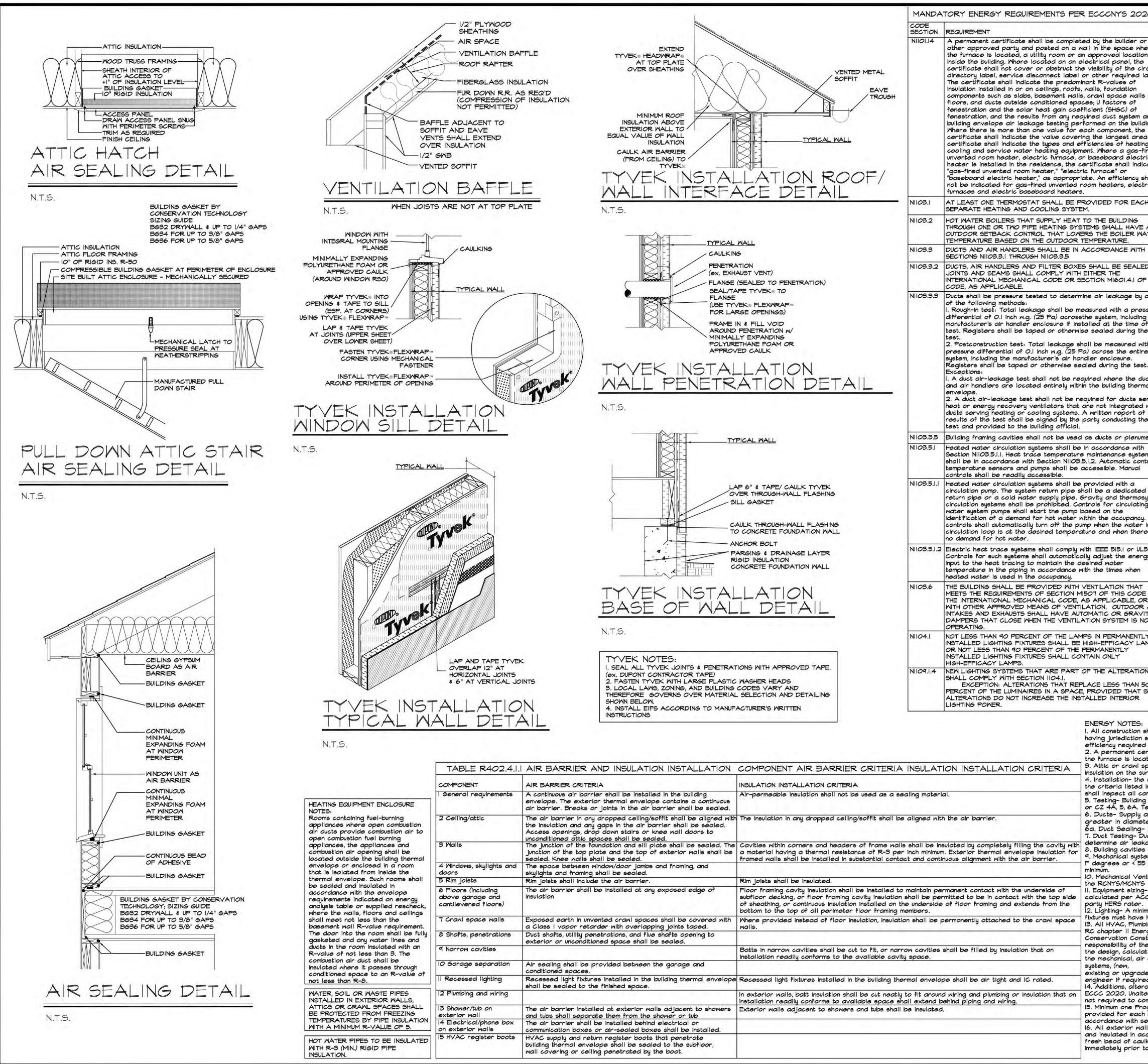
DRAWING NUMBER: A=2

PROJECT NUMBER: 23-186

		ENING SCHEDULE PER TABLE R602.3			FASTENING	SCHEDULE PER TABLE R602.3(1) CON			
TEM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER abc ROOF	SPACING AND LOCATION	ITEM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER abc	SPACING OF	FASTENERS	Ĩ.
1	BLOCKING BETWEEN CEILING JOISTS OR	4-8d BOX (2.5" X 0.113") or 3-8d COMMON (2.5" X 0.131") or	TOE NAIL				(INCHES)h	SUPPORTS C,0 (INCHES)	
	RAFTERS TO TOP PLATE	3-10d BOX (3" X 0.128") or 3-3" X 0.131" NAILS 4-8d BOX (2.5" X 0.113") or		- P/	ARTICLEBOARD WALL SHEATHIN	UBFLOOR, ROOF AND INTERIOR WALL SI IG TO FRAMING [SEE TABLE R602.3(3) F RIOR WALL SHEATHING TO WALL FRAMIN	OR WOOD STRU	Construction of the second	
2	CEILING JOISTS TO TOP PLATE	3-8d COMMON (2.5" X 0.131") or 3-10d BOX (3" X 0.128") or 3-3" X 0.131" NAILS	PER JOIST, TOE NAIL	30	3/8" - 1/2"	6d COMMON (2" X 0.113") (SUBFLOOR, WALL) 1 8d COMMON (2.5" X 0.131") (ROOF), or RSRS-01 BOX (2.375" X 0.113") (ROOF) 1	6	12 F	
з	CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER ARTITIONS (SEE SECTION R802.5.2 AND	4-10d BOX (3" X 0.128") or 3-16d COMMON (3.5" X 0.162") or 4-3" X 0.131" NAILS	FACE NAIL	31	19/32" - 1"	8d COMMON (2.5" X 0.131") or RSRS-01 BOX (2.375" X 0.113") (ROOF) j	6	12 F	
4	TABLE R802.5.2) EILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT) (SEE SECTION	TABLE R802.5.2	FACE NAIL	32	I-I/8" - I-I/4"	IOD COMMON (3" X 0.148") or 8d (2.5" X 0.131") DEFORMED NAIL OTHER WALL SHEATHING Q	6	12	
	R802.5.2 AND TABLE R802.5.2) COLLAR TIE TO RAFTER, FACE NAIL OR I.25" X 20 GA. RIDGE STRAP TO	4-10d BOX (3" X 0.128") or 3-10d COMMON (3" X 0.148") or	FACE NAIL EACH	33	1/2" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING	1.5" GALVANIZED ROOFING NAIL, 7/16" HEAD DIAMETER, or 1.25" LONG 16 GA. STAPLE WITH 7/16" or 1" CROWN	з	6	
	RAFTER	4-3" X O.I3I" NAILS 3-16d BOX (3.5" X O.135") or	RAFTER 2 TOE NAILS ON ONE	34	25/32" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING	1.75" GALVANIZED ROOFING NAIL, 7/16" HEAD DIAMETER, or 1.5" LONG 16 GA. STAPLE WITH 7/16" or 1" CROWN	з	6	
6	RAFTER OR ROOF TRUSS TO PLATE	3-10d COMMON (3" X 0.148") or 4-10d BOX (3" X 0.128") or 4-3" X 0.131" NAILS	SIDE AND I TOE NAIL ON OPPOSITE SIDE OF EACH RAFTER or TRUSS, I	35	1/2" GYPSUM SHEATHING d	I.5" GALVANIZED ROOFING NAIL; STAPLE GALVANIZED, I.5" LONG;	7	7	EXSTG. \$ BEDROOM F
		4-16d BOX (3.5" X 0.135") or 3-10d COMMON (3" X 0.148") or 4-10d BOX (3" X 0.128") or	TOE NAIL	36	5/8" GYPSUM SHEATHING d	I.25" SCREWS, TYPE W or S I.75" GALVANIZED ROOFING NAIL; STAPLE GALVANIZED, I.625" LONG;	7	7	EXSTG.
7	ROOF RAFTERS TO RIDGE, VALLEY OR HIP RAFTERS OR ROOF RAFTER TO MINIMUM 2" RIDGE BEAM	4-3" X 0.131" NAILS 3-16d BOX (3.5" X 0.135") or 2-16d COMMON (3.5" X 0.162") or		1	WOOD STRUCTURAL PAN	1.625" SCREWS, TYPE W or S NELS, COMBINATION SUBFLOOR UNDERLA	YMENT TO FRA	MING	2"×8" F.J. @I6" O.C.
		3-10d BOX (3" X 0.128") or 3-3" X 0.131" NAILS	END NAIL	37	3/4" AND LESS 7/8" - 1"	6d DEFORMED (2" X 0.120") NAIL or 8d COMMON (2.5" X 0.131") NAIL 8d COMMON (2.5" X 0.131") NAIL or	6	12	
8	STUD TO STUD (NOT AT BRACED WALL	WALL 16d COMMON (3.5" X 0.162") 10d BOX (3" X 0.128") or	24" O.C. FACE NAIL	39	1-1/8" - 1-1/4"	8d DEFORMED (2.5" X 0.120") NAIL 10d COMMON (3" X 0.148") NAIL or 8d DEFORMED (2.5" X 0.120") NAIL	6	12	
<u>81</u> 51	PANELS) STUD TO STUD AND ABUTTING STUDS AT	3" X O.I3I" NAILS 16d BOX (3.5" X O.I35") or	I6" O.C. FACE NAIL	shall h	nave minimum average bending yield stre	d shanks except where otherwise stated. Nails use engths as shown: 80 ksi for shank diameter of 0.19	2 inch (20d common	nail), 90 ksi for	EXSTG. O
1	INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	3" X 0.131" NAILS 16d COMMON (3.5" X 0.162")	I6" O.C. FACE NAIL I6" O.C. EACH EDGE	b. Sta c. Nai	iples are 16 gage wire and have a minim Is shall be spaced at not more than 6 in	iches on center at all supports where spans are 4			<u>KITCHEN</u> ão
0	BUILT-UP HEADER (2" TO 2" HEADER WITH 0.5" SPACER)	16d COMMON (3.5" × 0.162") 16d BOX (3.5" × 0.135")	FACE NAIL 12" O.C. EACH EDGE FACE NAIL	d. Fou e. Spo f. For	r-foot by 8-foot or 4-foot by 9-foot po acing of fasteners not included in this ta wood structural panel roof sheathing at	anels shall be applied vertically. Ible shall be based on Table R602.3(2). Itached to gable end roof framing and to intermed	diate supports within	48 inches of roof	EXSTG. 2"X8" F.J. @I6" O.C.
n.	CONTINUOUS HEADER TO STUD	5-8d BOX (2.5" X 0.113") or 4-8d COMMON (2.5" X 0.131") or 4-10d BOX (3" X 0.138")	TOE NAIL	edges space a. Gup	s and ridges, nails shall be spaced at 6 ad 4 inches on center where the ultimate osum sheathing shall conform to ASTM CI	inches on center where the ultimate design wind s design wind speed is 130 mph or greater but less 396 and shall be installed in accordance with GA	oeed is less than 13 5 than 140 mph.	0 mph and shall be	
12	TOP PLATE TO TOP PLATE	4-10d BOX (3" X 0.128") 16d COMMON (3.5" X 0.162") 10d BOX (3" X 0.128") or	16" O.C. FACE NAIL	 to AS h. Spo and a 	TM C208. acing of fasteners on floor sheathing par t floor perimeters only. Spacing of faste	nel edges applies to panel edges supported by fi eners on roof sheathing panel edges applies to p	aming members and anel edges supporte	required blocking ad by framing	1/2" G.W.B/ CEILING 25 GAUGE STL/
12	DOUBLE TOP PLATE SPLICE	3" X 0.131" NAILS 12-16d BOX (3.5" X 0.135") or 8-16d COMMON (3.5" X 0.162") or	FACE NAIL ON EACH SIDE OF END JOINT (MINIMUM	_ membe provid i. When	ers and required blocking. Blocking of re ded except as required by other provisi re a rafter is fastened to an adjacent p	oof or floor sheathing panel edges perpendicular ions of this code. Floor perimeter shall be suppor parallel ceiling joist in accordance with this sched	to the framing memb ted by framing memb ple, provide two toe	pers need not be pers or solid blocking. nails on one side of	T.B.M.
5	BOTTOM PLATE TO JOIST, RIM JOIST,	12-10d BOX (3" X 0.128") or 12-3" X 0.131" NAILS 16d COMMON (3.5" X 0.162")	24" LAP SPLICE LENGTH EACH SIDE OF END JOINT) 16" O.C. FACE NAIL	the ro	after and toe nails from the ceiling joist' shall not be required.	to top plate in accordance with this schedule. The ill meeting the specifications in ASTM FI667.	toe nall on the opp	posite side of the	FINISHED BASEMENT
14	BAND JOIST OR BLOCKING (NOT AT BRACED WALL PANELS)	16d BOX (3.5" X 0.135") or 3" X 0.131" NAILS	12" O.C. FACE NAIL						TILES
5	BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (AT BRACED WALL PANEL)	3-16d BOX (3.5" X 0.135") or 2-16d COMMON (3.5" X 0.162") or 4-3" X 0.131" NAILS	3 EACH 16" O.C. FACE NAIL 2 EACH 16" O.C. FACE NAIL 4 EACH 16" O.C. FACE NAIL						EXSTG
		4-8d BOX (2.5" X 0.113") or 3-16d BOX (3.5" X 0.135") or 4-8d COMMON (2.5" X 0.131") or	TOE NAIL			EXTERIOR WALLS TO E WITH 7/16" CDX PLYWO	OD		4" 25 GAUGE STL/ DRYWALL STUDS @16" O.C. R-15 INS. /
6	TOP OR BOTTOM PLATE TO STUD	4-10d BOX (3" X 0.128") or 4-3" X 0.131" NAILS 3-16d BOX (3.5" X 0.135") or				MOOD STRUCTURAL PA WOOD STRUCTURAL PA RATING OF 24/0) ON T ATTACHED WITH 6D CC	NEL SPAN HE EXTERIOR		1/2" G.W.B. 25 GAUGE STL DRYWALL TRACK
		2-16d COMMON (3.5" X 0.162") or 3-10d BOX (3" X 0.128") or 3-3" X 0.131" NAILS	END NAIL		MALL BRACING REQUIRED AT 1/3 POINTS AT CORNERS (MINIMUM 2 BAYS)	(2.0" X 0.113") AT 6" 0. EDGES AND 12" 0.C. IN AND 4' X 8' X 1/2" GYF	THE FIELD, SUM		
7	TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	2-16d COMMON (3.5" X 0.162") or 3-10d BOX (3" X 0.128") or	FACE NAIL			WALLBOARD ON THE IN INSTALLED VERTICALL WITH 1.5" GALVANIZED	Y ATTACHED ROOFING		
8	I" BRACE TO EACH STUD AND PLATE	3-3" X 0.131" NAILS 3-8d BOX (2.5" X 0.113") or 2-8d COMMON (2.5" X 0.131") or	FACE NAIL		PANEL SPLICE EDGES SHALL MEET OVER AND BE FASTENED TO	I I NAIL, I.5" LONG GALVA I I STAPLES OR I.25" TYP SCREWG, 7" O.C. AT PA I I I I	e w or s Nel edges		
		2-10d BOX (3" X 0.128") or 2 STAPLES 1.75" 3-8d BOX (2.5" X 0.113") or		-	COMMON BLOCKING.	Image:	CONTINUOUS ATE TO THE H ALL PANEL		
19	I" X6" SHEATHING TO EACH BEARING	2-8d COMMON (2.5" X 0.131") or 2-10d BOX (3" X 0.128") or 2 STAPLES, 1" CROWN, 16 GA., 1.75" LONG	FACE NAIL		HOLDOWN AT ENDS			/	2"XIO" R.R. @I6" O.C. I/2" CDX SHEATHING
		3-8d BOX (2.5" X 0.113") or 3-8d COMMON (2.5" X 0.131") or 3-10d BOX (3" X 0.128") or			of shearmalls				#15 BLDG. PAPER ASPHALT SHINGLES - 2"X6" WINDSTORM BRACING
20	I"X8" AND WIDER SHEATHING TO EACH BEARING	3 STAPLES, I" CROWN, 16 GA., 1.75" LONG WIDER THAN 1"X8"	FACE NAIL			RIOR WALL MING DETAIL		//	@48" O.C. FIRST (2) R.R. BAYS
		4-8d BOX (2.5" X 0.113") or 3-8d COMMON (2.5" X 0.131") or 3-10d BOX (3" X 0.128") or						///	UNDER ASPHALT SHINGLES. SHIELD TO CONSIST OF SELF- ADHERING POLYMER MODIFIED
		4 STAPLES, I" CROWN, 16 GA., 1.75" LONG FLOOR			N.T.S. CS -	-WSP BRACED WALL FRAMING	/		BITUMEN SHEET. SHEET IS TO COMPLY WITH ASTM D 1970.
21	JOIST TO SILL, TOP PLATE OR GIRDER	4-8d BOX (2.5" X 0.113") or 3-8d COMMON (2.5" X 0.131") or 3-10d BOX (3" X 0.128") or	TOE NAIL					/ / /	VENTILATION BAFFLES @16" O.C. (SEE DETAIL PG A-4) SIMPSON H2A HURRICANE CLIP
		3-3" X O.131" NAILS 8d BOX (2.5" X O.113") 8d COMMON (2.5" X O.131") or	4" O.C. TOE NAIL	_		O STRAP TIES @16" O.C.	/ /	1//	CONNECTOR EA. R.R. TO STUD @16" O.C.
22	JOIST TO SILL, TOP PLATE OR GIRDER	IOd BOX (3" X 0.128") or 3" X 0.131" NAILS 3-8d BOX (2.5" X 0.113") or	6" O.C. TOE NAIL		(2/I-3/4"XII-7/8" №	1.L. STRUCTURAL RIDGE, TECO ALL R.R.		RIDGE	- I"X6" RIM BOARD - GUTTER & LEADERS
з	I"X6" SUBFLOOR OR LESS TO EACH JOIST	2-8d COMMON (2.5" X 0.115) or 2-8d COMMON (2.5" X 0.131") or 3-10d BOX (3" X 0.128") or 2 STAPLES, 1" CROWN, 16 GA., 1.75" LONG	FACE NAIL		EXSTG.		24		(2)2"X4" TOP PLATE 2"X4" STUDS @16" O.C.
24	2" SUBFLOOR TO JOIST OR GIRDER	3-16d BOX (3.5" X 0.135") or 2-16d COMMON (3.5" X 0.162")	BLIND AND FACE NAIL		ROOF OF GARAGE	2008 2000 2000 2000 2000 2000 2000 2000	2 22202 2226		2"X4" SHOE 1/2" G.W.B. 1/2" CDX PLYWOOD SHEATHING
25	2" PLANKS (PLANK & BEAM FLOOR & ROOF)	3-16d BOX (3.5" X 0.135") or 2-16d COMMON (3.5" X 0.162") 3-16d COMMON (3.5" X 0.162") or	AT EACH BEARING FACE NAIL	_	M M M M	-0" 2"X6" C.J 1/2" G.W	в2'-0"	I'-4" O.H.	TYVEK, I" FOAM BACKER (R-5) STUCCO FINISH, R-15 INS.
6	BAND OR RIM JOIST TO JOIST	5-160 COMMON (3.5" X 0.162") or 4-10d BOX (3" X 0.128") or 4-3" X 0.131" NAILS or 4-3" X 14 GA. STAPLES, 7/16" CROWN	END NAIL			— - @16" O.C.		- CONT. VENTED SOFF	T 2"X6" P.T. NAILER BOLTED TO HOUSE TECO ALL R.R.
		20d COMMON (4" X 0.192") or	NAIL EACH LAYER AS FOLLOWS: 32" O.C. AT TOP AND BOTTOM STAGGERED			-1/2" TYPE X G.W.B.	AINED		
27	BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS	lod Box (3" x 0.128") or 3" x 0.131" NAILS AND:	24" O.C. FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES	1	EXSTG.	1/2" RIGID INS. (R-3.3) O FAMILY RC	DOM		#15 BLDG. PAPER ASPHALT SHINGLES R-21 INSULATION
		2-20d COMMON (4" × 0.192") or 3-10d BOX (3" × 0.128") or 3-3" × 0.131" NAILS	FACE NAIL AT ENDS AND AT EACH SPLICE						(2)2"X8" HDR
28	LEDGER STRIP SUPPORTING JOISTS OR	4-16d BOX (3.5" X 0.135") or 3-16d COMMON (3.5" X 0.162") or	AT EACH JOIST OR RAFTER,		EXSTG. 4" P.C. SLAB		XIO" F.J. 6" O.C.	F.F.L.	<u>T.B.M.</u> — 30-c145-20 BAY WINDOW NOTE:
29	RAFTERS BRIDGING OR BLOCKING TO JOIST	4-10d BOX (3" X 0.128") or 4-3" X 0.131" NAILS 2-10d BOX (3" X 0.128") or 2-8d COMMON	FACE NAIL EACH END, TOE NAIL	_		MORT MARTI NORN NORN NORN T.B.M.	NSOCH NSOCH	4 4	INSTALL WINDOW AS PER MANUFACTURER'S MANUAL
4 7	Universitie un dlucking 10 JOIST	(2.5" X 0.131") OR 2-3" X 0.131" NAILS	LAUT LINU, I'UE NAIL	1	EXSTG 8" P.C. FND. WALL	CRAWL SPACE		ADE	SIMPSON CS20 STRAP TIES @16" ((SILL TO STUDS)
		NTELS SUPPORTING MASONRY VENEER	R (a,c,d)		EXSTG.	- 2" CONC. RAT SLAB 6 MIL POLY VAPOR E	BARRIER		(2)2"X6" P.T. SILL NON-METALLIC TERMITE SHIELD SILL SEALER
SIZ	(INCHES)	ORY ABOVE ONE STORY ABOVE TWO S	STORIES ABOVE 3'-0"		EX516/ 16"X8" P.C. FND. FTG.		11/	└─ #4 RE-BAR (CONT.) └─ 8" P.C. FND. WALL	SIMPSON SSTBIGHDG ANCHOR BO @39" O.C. & I'-O" FROM CORNERS 3" SQUARE WASHER HDG
		3'-0" 6'-0"	4'-6"			SECTION 'A'	//	- 16"X8" P.C. FND. FTG.	HDU4-SDS2.5 HOLDOWN AT ALL C

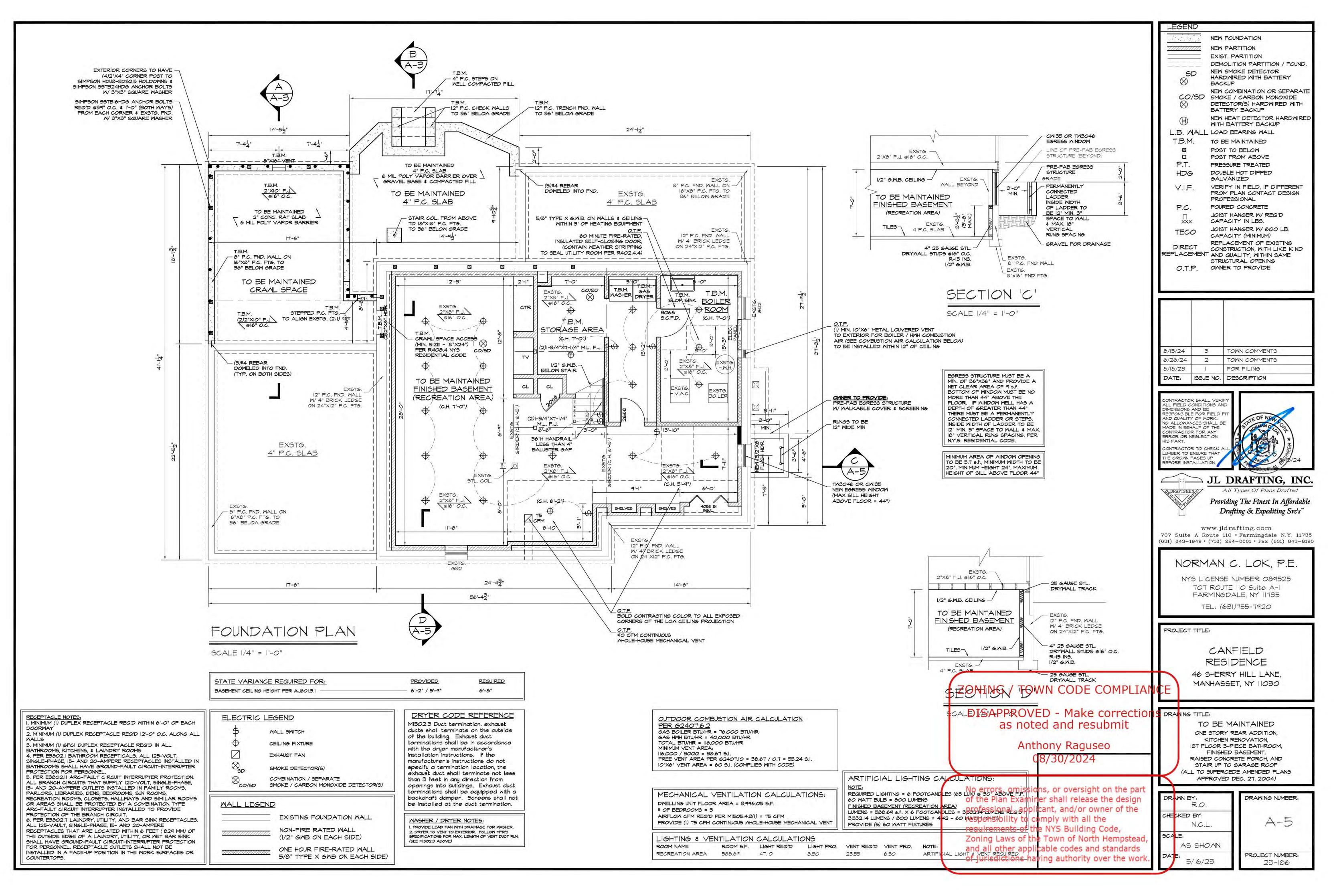
d. Steel angle shall span opening.

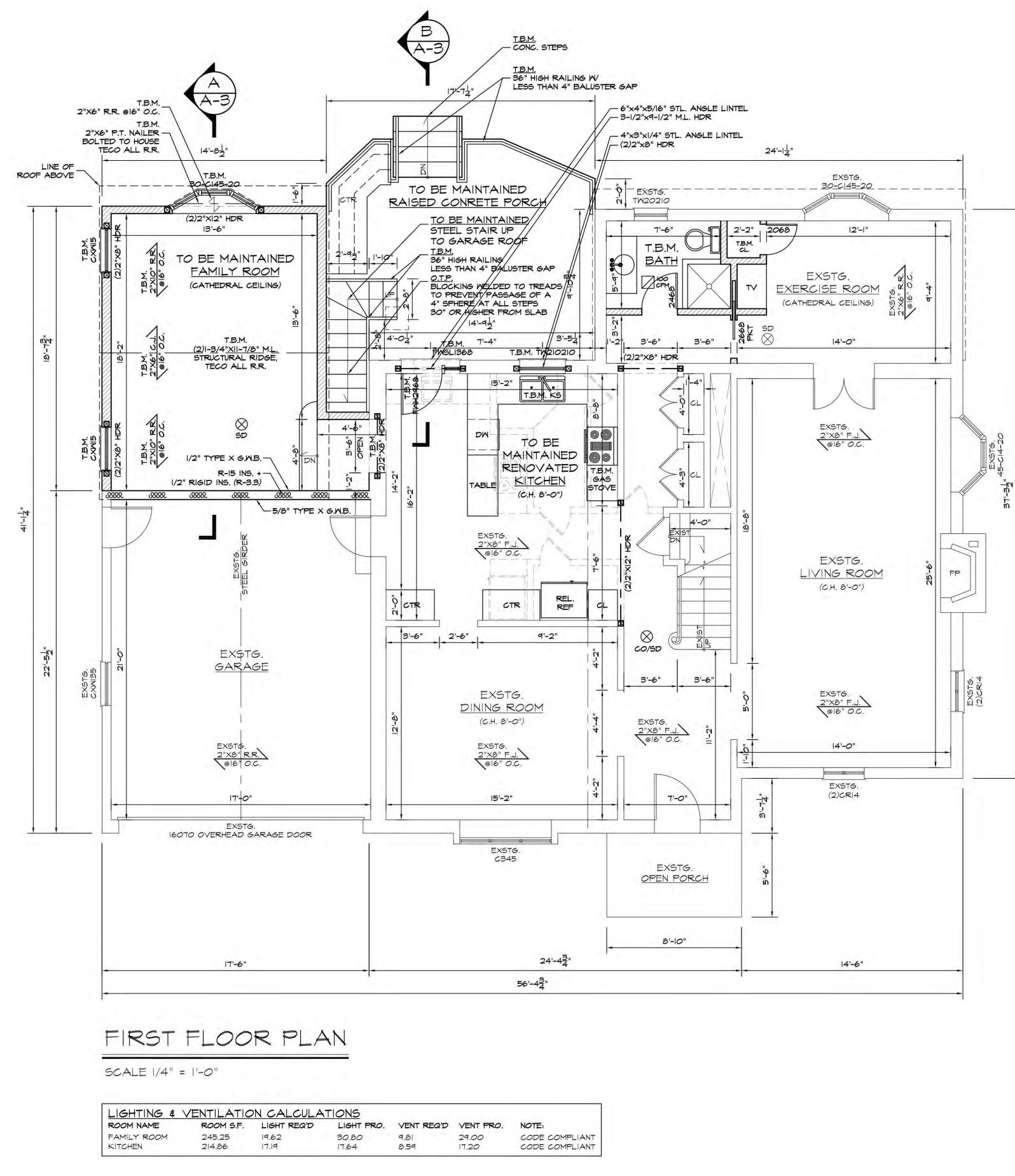


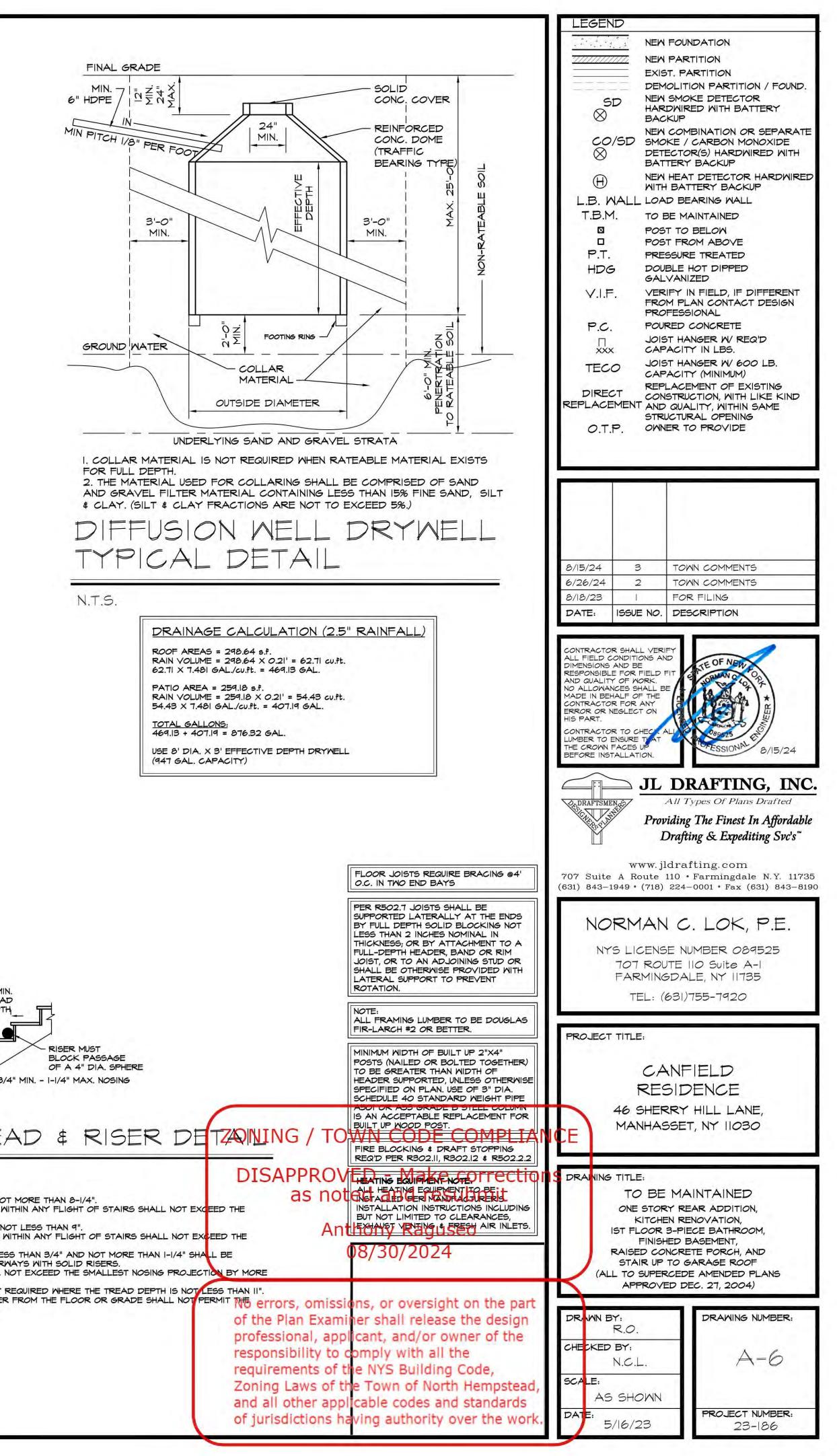


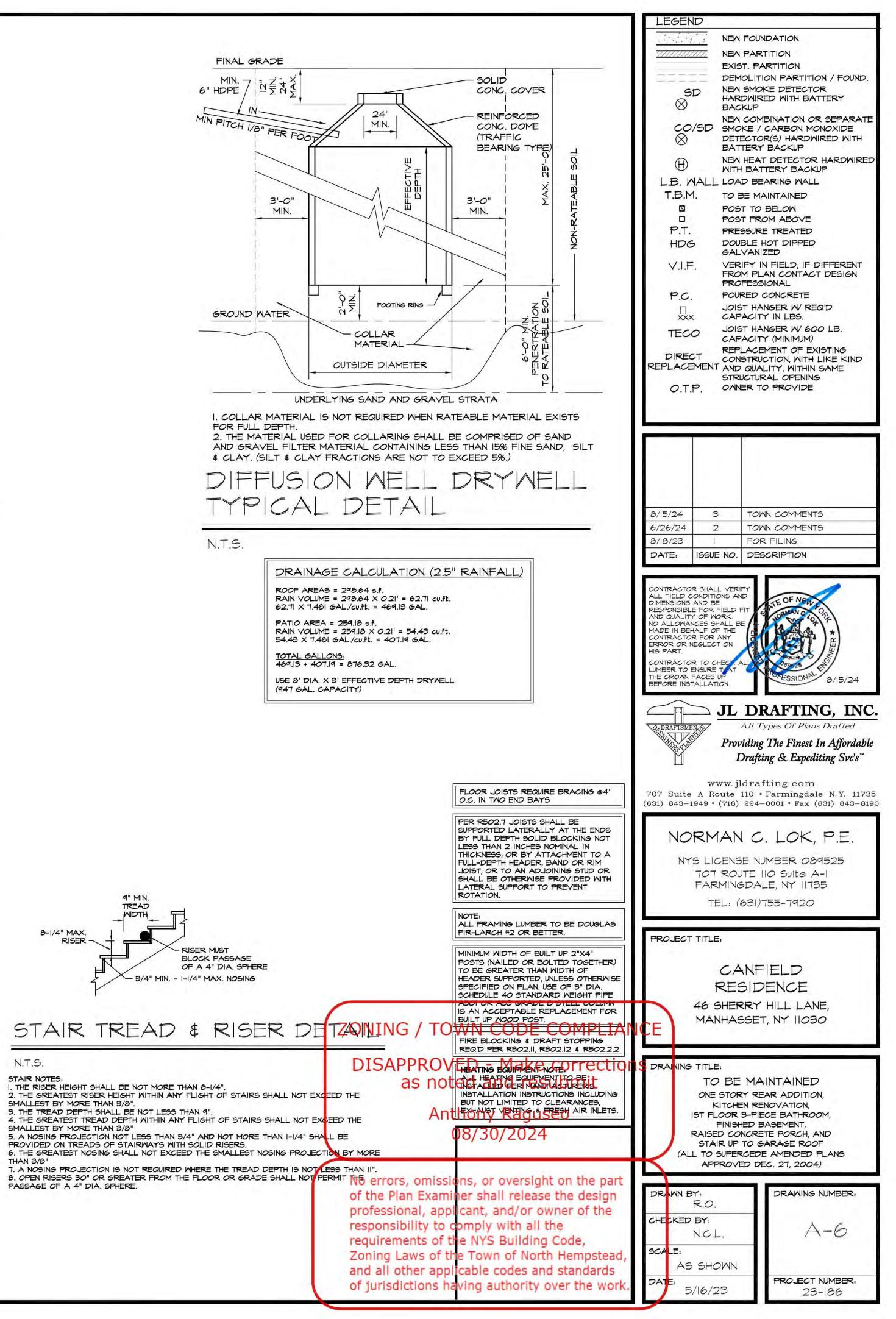
	Construction of the second	installation readily conforms to available space shall extend be
	The air barrier installed at exterior walls adjacent to showers and tubs shall separate them from the shower or tub	Exterior walls adjacent to showers and tubs shall be insulated.
xoo	The air barrier shall be installed behind electrical or communication boxes or air-sealed boxes shall be installed.	
ots	HVAC supply and return register boots that penetrate building thermal envelope shall be sealed to the subfloor, wall covering or ceiling penetrated by the boot.	

20	MA	NDATORY ENERGY REQUIREMENTS (CONTINUED)	LEGEND
	CODE	REQUIREMENT	NEW FOUNDATION
		THE BUILDING OR DWELLING UNIT SHALL BE TESTED AND	NEW PARTITION EXIST. PARTITION
on		VERIFIED AS HAVING AN AIR LEAKAGE RATE OF NOT EXCEEDING FIVE AIR CHANGES PER HOUR IN CLIMATE ZONES I AND 2, AND THREE AIR CHANGES PER HOUR IN CLIMATE ZONES 3 THROUGH 8.	DEMOLITION PARTITION / FOUND.
ircuit Iabels.	1 8	TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH ASTM E 779 OR ASTM E 1827 AND REPORTED AT A PRESSURE OD 0.2	SD NEW SMOKE DETECTOR HARDWIRED WITH BATTERY BACKUP
s and		INCHES W.G. WHERE REQUIRED BY THE CODE OFFICIAL, TESTING SHALL BE CONDUCTED BY AN APPROVED THIRD PARTY. A WRITTEN REPORT OF THE RESULTS OF THE TEST SHALL BE	NEW COMBINATION OR SEPARATE
		SIGNED BY THE PARTY CONDUCTING THE TEST AND PROVIDED TO THE CODE OFFICIAL. TESTING SHALL BE PERFORMED AT ANY	CO/SD SMOKE / CARBON MONOXIDE DETECTOR(S) HARDWIRED WITH BATTERY BACKUP
and ding. e	1	TIME AFTER CREATION OF ALL PENETRATIONS OF THE BUILDING THERMAL ENVELOPE. DURING TESTING:	NEW HEAT DETECTOR HARDWIRED
a. The ng,		I. EXTERIOR WINDOWS AND DOORS, FIREPLACE AND STOVE DOORS SHALL BE CLOSED BUT NOT SEALED, BEYOND THE	L.B. WALL LOAD BEARING WALL
riced		INTENDED WEATHER-STRIPPING OR OTHER INFILTRATION CONTROL MEASURES.	T.B.M. TO BE MAINTAINED
cate shall		2. DAMPERS INCLUDING EXHAUST, INTAKE, MAKEUP AIR, BACKDRAFT AND FLUE DAMPERS SHALL BE CLOSED, BUT NOT SEALED BEYOND INTENDED INFILTRATION CONTROL MEASURES.	POST TO BELOWPOST FROM ABOVE
tric	1	3. INTERIOR DOORS, IF INSTALLED AT THE TIME OF THE TEST SHALL BE OPEN.	P.T. PRESSURE TREATED HDG DOUBLE HOT DIPPED
н		4. EXTERIOR DOORS FOR CONTINUOUS VENTILATION SYSTEMS AND HEAT RECOVERY VENTILATORS SHALL BE CLOSED AND SEALED.	GALVANIZED
2.4		5. HEATING AND COOLING SYSTEMS, IF INSTALLED AT THE TIME OF THE TEST, SHALL BE TURNED OFF.	V.I.F. VERIFY IN FIELD, IF DIFFERENT FROM PLAN CONTACT DESIGN
AN		6. SUPPLY AND RETURN REGISTERS, IF INSTALLED AT THE TIME OF THE TEST, SHALL BE FULLY OPEN.	PROFESSIONAL P.C. POURED CONCRETE
+	NIIO3.6	N1103.6 The building shall be provided with ventilation that complies with the requirements of Section M1505 or with other	☐ JOIST HANGER W/ REQ'D XXX CAPACITY IN LBS.
D.	1.1	approved means of ventilation. Outdoor air intakes and exhausts shall have automatic or gravity dampers that close when the	TECO JOIST HANGER W/ 600 LB. CAPACITY (MINIMUM)
F THIS	NII03.6.1	ventilation system is not operating. Fans used to provide whole-house mechanical ventilation shall	DIRECT REPLACEMENT OF EXISTING CONSTRUCTION, WITH LIKE KIND
one		meet the efficacy requirements of Table NIIO3.6.1. Exception: Where an air handler that is integral to tested and	REPLACEMENT AND QUALITY, WITHIN SAME STRUCTURAL OPENING
sure the		listed HVAC equipment is used to provide wholehouse mechanical ventilation, the air handler shall be powered by an electronically commutated motor.	O.T.P. OWNER TO PROVIDE
f the e	NIIO3.7	Heating and cooling equipment shall be sized in accordance with	
th a		ACCA Manual S based on building loads calculated in accordance with ACCA Manual J or other approved heating and cooling calculation methodologies. New or replacement heating and cooling	
9 :.	. 0	equipment shall have an efficiency rating equal to or greater than the minimum required by federal law for the geographic location	
 cts	NIIO3.8	where the equipment is installed. Systems serving multiple dwelling units shall comply with Sections	
al		C403 and C404 of the Energy Conservation Code of New York-Commercial Provisions instead of Section NI103.	
with the	NIIO3.9	Snow- and ice-melting systems, supplied through energy service to the building, shall include automatic controls capable of shutting of	
3	. 6.	the system when the pavement temperature is greater than 50% F (10%C) and precipitation is not falling, and an automatic or manual	8/15/24 3 TOWN COMMENTS 6/26/24 2 TOWN COMMENTS
s.	1.1	control that will allow shutoff when the outdoor temperature is greater than 401/3F (4.81/3C).	8/18/23 I FOR FILING
ms	NIIO3.IO	The energy consumption of pools and permanent spas shall be in	DATE: ISSUE NO. DESCRIPTION
rols,	NIIOZIOI	accordance with Sections NIIO3.IO.I through NIIO3.IO.3.	
2	NII03.IO.I	The electric power to heaters shall be controlled by a readily accessible on-off switch that is an integral part of the heater mounted on the exterior of the heater, or external to and within 3	CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS AND BE
phon hot		feet (914 mm) of the heater. Operation of such switch shall not change the setting of the heater thermostat. Such switches shall	RESPONSIBLE FOR FIELD FIT AND QUALITY OF WORK.
The		be in addition to a circuit breaker for the power to the heater. Gas-fired heaters shall not be equipped with continuously burning	NO ALLOWANCES SHALL BE MADE IN BEHALF OF THE CONTRACTOR FOR ANY
in the is	102102	ignition pilots.	ERROR OR NEGLECT ON HIS PART.
515.	NII03.IO.2	Time switches or other control methods that can automatically turn off and on according to a preset schedule shall be installed for heaters and pump motors. Heaters and pump motors that have	LUMBER TO ENSURE THAT
19	1	built-in time switches shall be in compliance with this section. Exceptions:	THE CROWN FACES UP BEFORE INSTALLATION
		 Where public health standards require 24-hour pump operation. Pumps that operate solar- and waste-heat-recovery pool 	JL DRAFTING, INC.
OR	NII03.10.3	heating systems. Outdoor heated pools and outdoor heated permanent spas shall	All Types Of Plans Drafted
		be equipped with a vapor-retardant pool cover or other approved vaporretardant means. Outdoor heated pools and	Providing The Finest In Affordable
DT	- 1	outdoor heated permanent spas heated to more than 90%F (32%C) shall have a pool cover with a minimum insulation value of	M Drafting & Expediting Svc's [™]
Y MPS		R-12. Exception: Where more than 60 percent of the energy for heating is from site-recovered energy or solar energy source, covers or	www.jldrafting.com 707 Suite A Route 110 • Farmingdale N.Y. 11735
2		other vapor-retardant means shall not be required NIIO3.11 (R403.11) Portable spas (Mandatory). The energy	(631) 843–1949 • (718) 224–0001 • Fax (631) 843–8190
4		consumption of electric-powered portable spas shall be controlled by the requirements of APSP 14.	
р ИСН	NII04.1.1	Fuel gas lighting systems shall not have continuously burning pilot lights.	NORMAN C. LOK, P.E.
	- 4		NYS LICENSE NUMBER 089525
	100		707 ROUTE 110 Suite A-1 FARMINGDALE, NY 11735
		ne 2020 Energy Conservation Construction Code. The authority I to determine an energy efficiency program to exceed the energy	TEL: (631)755-7920
by this tificat	e shall be	completed by the builder and posted on a wall in the space where	
ted. C	ertificate : ccess shal	shall comply with RCNYS NIIOI.14 I be weather-stripped and insulated to a level equivalent to the	PROJECT TITLE:
compo	ng surfaces nents of th able 4021	s e building thermal envelope shall be installed in accordance with .I Where required by the code official, an approved third party	
npone	nts and ver	n Mere required by the code official, an approved third party hill compliance. Thall be tested and verified having less than or equal to 3 ACH50	CANFIELD
nd ref	shall be co orn ducts	nducted by an approved third party. in attics shall be insulated to a minimum of R-8 @ 3" or	RESIDENCE
er, and Ducts,	air handle	ucts less than 3" in diameter. ers, and filter boxes shall be sealed.	46 SHERRY HILL LANE, MANHASSET, NY 11030
ige by	an approv	abilithing party. TO WN CODE COMPLIAN abilithing party. TO ENERGY COMPLIANCE NOTE: TO THE	CE
m pipir	g insulation	h carrying fluids > 105 BEST OF MY KNOWLEDGE, BELIEF & be insulated with R-3 _ PROFESSIONAL JUDGMENT, ALL	
		ISAPPROVENORK-UNDER THE APPLICATEON	
	CCA manua	al S, based on Ibadas ALTERNATIVE OF THE 2020 ENERGY	TO BE MAINTAINED ONE STORY REAR ADDITION,
Per A	1.000	conservation construction	KITCHEN RENOVATION, IST FLOOR 3-PIECE BATHROOM,
CA mar			FINISHED BASEMENT,
CA mar num of high-ef ing \$ E	10% of pe licacy lamp ectrical s	stems shall meet the NQ/20/2024	
CA man hum of high-ef ing & E gy Effic truction	10% of per licacy lamp lectrical su liency, Mec code. It s	ystems shall meet the <mark>08/30/2024</mark> hanical Code, Energy <mark>08/30/2024</mark> shall be the	RAISED CONCRETE PORCH, AND STAIR UP TO GARAGE ROOF
CA mar hum of high-ef ing \$ E gy Effic truction s gene :ions, g	10% of pe licacy lamp lectrical su liency, Mec licode. It s rail contrac awings, wr	ystems shall meet the 08/30/2024 hanical Code, Energy 08/30/2024 shall be the stor to submit in detail itten statements of	RAISED CONCRETE PORCH, AND
CA mar num of high-ef ing \$ E gy Effi truction e gene tions, d congit	10% of per licacy lamp lectrical se lency, Mec locode. It se rai ontrac awings, wr oning, vent	stems shall meet the 08/30/2024 shall be the stor to submit in detail litten statements of lation, heating errors, omissions, or oversight on the part	RAISED CONCRETE PORCH, AND STAIR UP TO GARAGE ROOF (ALL TO SUPERCEDE AMENDED PLANS APPROVED DEC. 27, 2004)
CA mar hum of high-ef ing & E gy Effi truction a gene congit congit a but th	10% of per licacy lamp lectrical su lency, Mec code. It s rai contract awings, wr coning, vent mped by a e Owner o	stems shall meet the 08/30/2024 shall be the stor to submit in detail itten statements of ilation, heating errors, omissions, or oversight on the part professional Building Dept xaminer shall release the design	RAISED CONCRETE PORCH, AND STAIR UP TO GARAGE ROOF (ALL TO SUPERCEDE AMENDED PLANS
CA mar hum of high-ef ing \$ E gy Effic tructions gene conditions d by th ations of area po	10% of per licacy lamp ectrical su liency, Mec code. It s rail ontrac- awings, wr oning, vent oning, vent mped by a se Owner of or renovations of t	ustems shall meet the 08/30/2024 shall be the stor to submit in detail itten statements of ilation, heating errors, omissions, or oversight on the part professional Exclusion	RAISED CONCRETE PORCH, AND STAIR UP TO GARAGE ROOF (ALL TO SUPERCEDE AMENDED PLANS APPROVED DEC. 27, 2004) DRAWING NUMBER: R.O. CHECKED BY:
CA mar hum of high-effing & E gy Effin tructions, d conditions, d conditions, d ations, d a	10% of pericacy lamp ectrical su lency, Mec code. It s rai contract awings, wr oning, vent oning, vent oning, vent awings, wr oning, vent awings, wr oning, vent oning, vent oning, vent awings, wr oning, wr oning, vent awings, wr oning, vent awings, wr oning, vent awings, wr oning, vent awings, wr oning, wr	stems shall meet the 08/30/2024 shall be the stor to submit in detail itten statements of ilation, heating errors, omissions, or oversight on the part professional EBUIding Dept xaminer shall release the design ions: shall comply with licant, and/or owner of the stat shall be consibility to comply with all the stat shall be	RAISED CONCRETE PORCH, AND STAIR UP TO GARAGE ROOF (ALL TO SUPERCEDE AMENDED PLANS APPROVED DEC. 27, 2004) DRAWING NUMBER: R.O. CHECKED BY: N.C.L. A = 4
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CA mar mum of high-ef- poing \$ E rgy Effin structions, d conditions, d con	10% of pericacy lamp ectrical si lency, Mec code. It s rai contract awings, wr oning, vent mped by a e Owner of pr renovations of t th this seat able therma able therma able therma ce with Tak e too and	shall meet the 08/30/2024 shall be the stor to submit in detail itten statements of ilation, heating errors, omissions, or oversight on the part professional HBRICING Dept.xaminer shall release the design ions: shall comply with licant, and/or owner of the stat shall be consibility to comply with all the cotat shall be considered by the NYS Building Code, of Sustems.	RAISED CONCRETE PORCH, AND STAIR UP TO GARAGE ROOF (ALL TO SUPERCEDE AMENDED PLANS APPROVED DEC. 27, 2004) DRAWING NUMBER: R.O. CHECKED BY: N.C.L. A = 4









N.T.S.

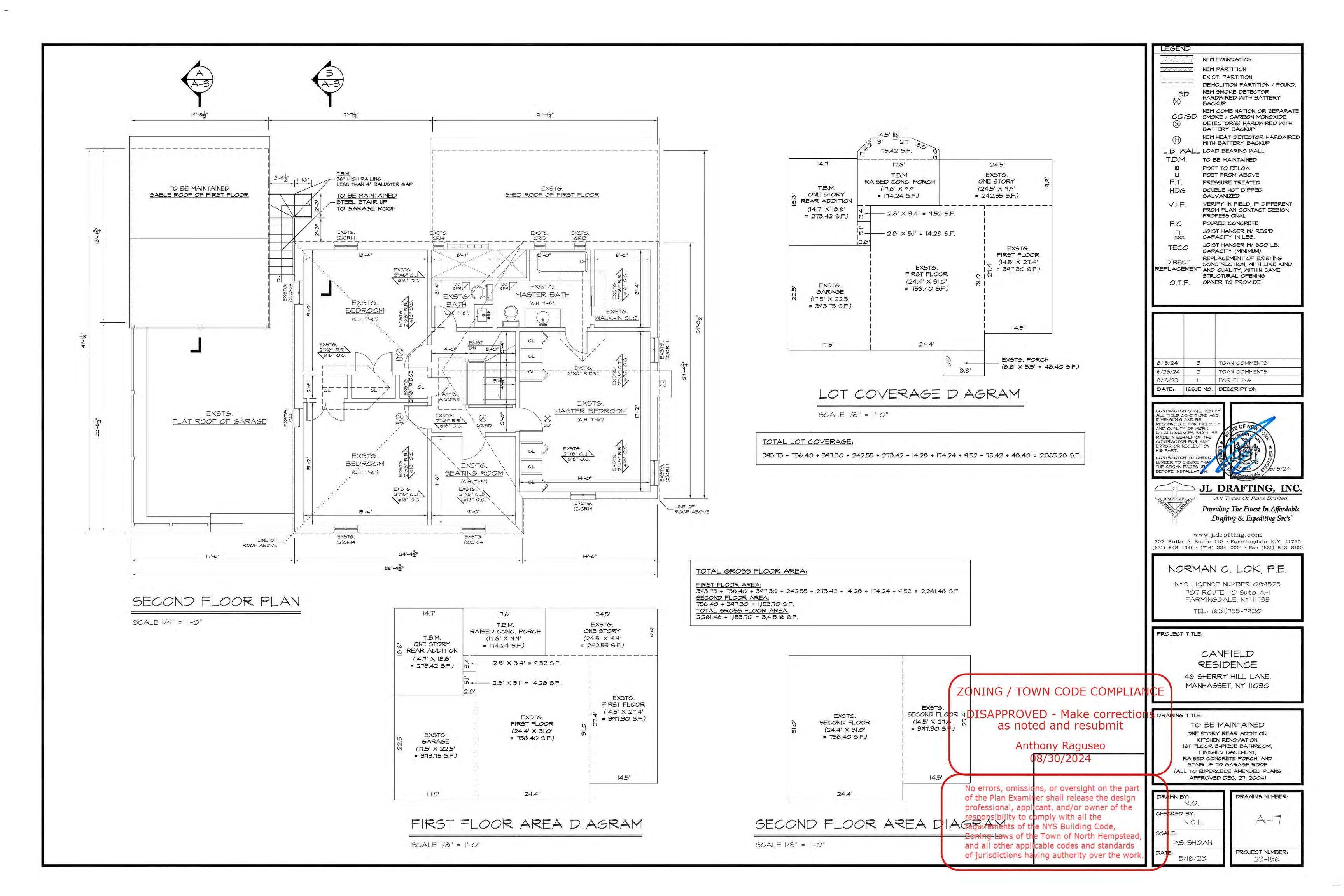
STAIR NOTES:

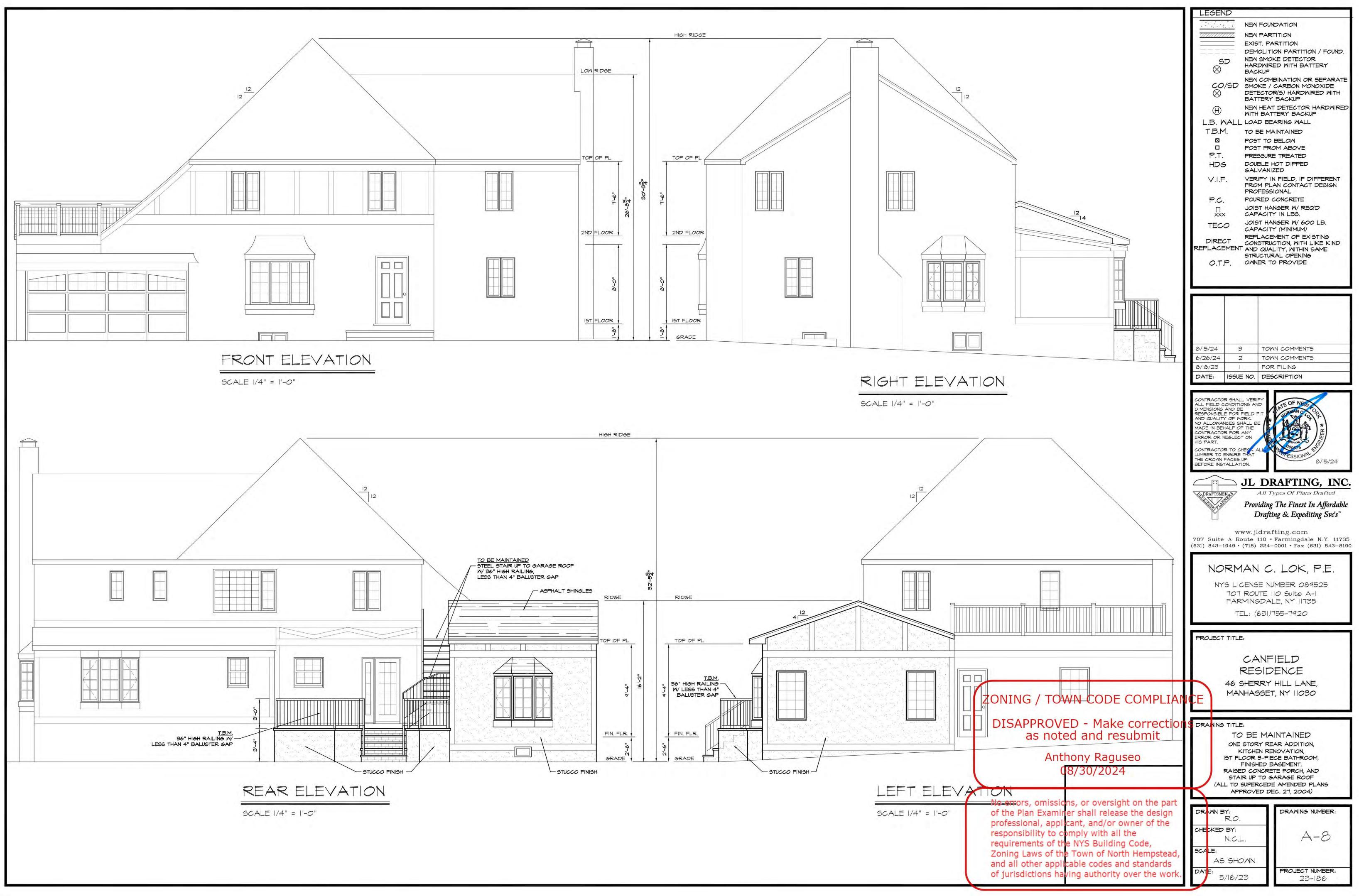
SMALLEST BY MORE THAN 3/8".

SMALLEST BY MORE THAN 3/8"

PROVIDED ON TREADS OF STAIRWAYS WITH SOLID RISERS. THAN 3/8"

PASSAGE OF A 4" DIA. SPHERE.



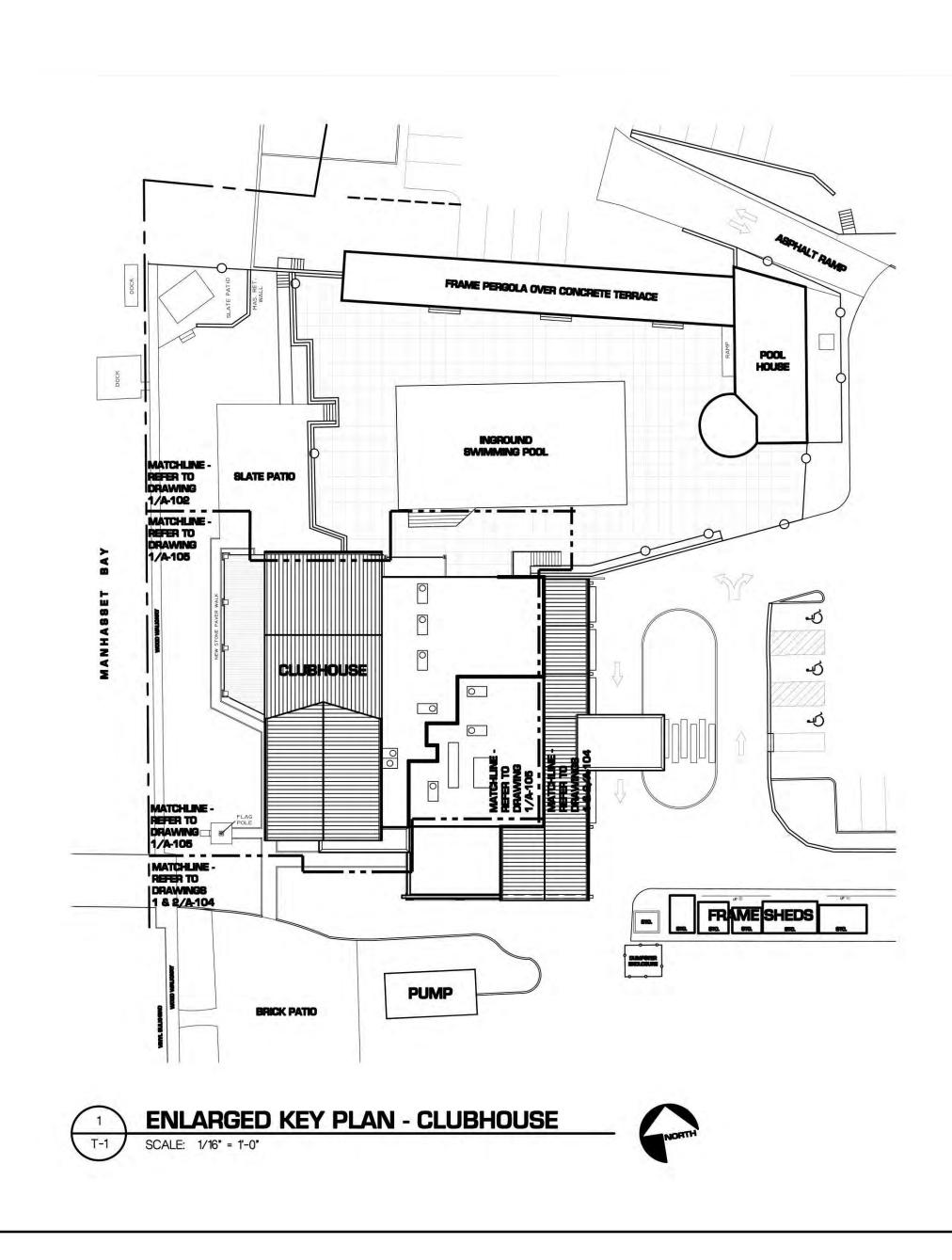


YACHT CLUB DRIVE

ZONING SET FOR

ARCHITECTURAL DRAWING LIST:

SHEET	TITLE
тѕ	
T-1	TITLE SHEET
T-2	EXISTING SITE SURVEY
T-3	PROPOSED SITE PLAN
T-4	PROPOSED SITE PLAN - AREA OF WORK KEY
JRAL	
à	
D-101	CLUBHOUSE - FIRST FLOOR EXISTING/DEMOLITION PLAN
D-102	CLUBHOUSE - PARTIAL FIRST FLOOR EXISTING/DEMOLITION PLANS
D-103	CLUBHOUSE - SECOND FL./ROOF EXISTING/DEMOLITION PLAN
D-104	CLUBHOUSE - PARTIAL SECOND FL./ROOF EXISTING/DEMOLITION PLANS
D-105	CLUBHOUSE - ROOF EXISTING/DEMOLITION PLAN
A-101	CLUBHOUSE - FIRST FLOOR CONSTRUCTION PLAN
	CLUBHOUSE - PARTIAL FIRST FLOOR CONSTRUCTION PLANS
	CLUBHOUSE - SECOND FLOOR CONSTRUCTION PLAN
A-104	CLUBHOUSE - PARTIAL SECOND FL./ROOF CONSTRUCTION PLANS
A-105	CLUBHOUSE - ROOF CONSTRUCTION PLAN
A-110	CLUBHOUSE - BUILDING ELEVATIONS
	CLUBHOUSE - BUILDING ELEVATIONS
ING	
D-201	TENNIS HOUSE - EXISTING/DEMOLITION PLANS
A-201	TENNIS HOUSE - CONSTRUCTION PLANS
A-210	TENNIS HOUSE - BUILDING ELEVATIONS
DING	
D-301	PADDLE HOUSE - EXISTING/DEMOLITION PLANS
A-301	PADDLE HOUSE - CONSTRUCTION PLANS
A-310	PADDLE HOUSE - BUILDING ELEVATIONS
	T S T-1 T-2 T-3 T-4 J R A L A A L A D-101 D-102 D-103 D-104 D-103 D-104 D-105 A-101 A-101 A-102 A-103 A-104 A-103 A-104 A-105 A-104 A-105 A-104 A-105 A-101 A-105 A-101 A-102 A-103 A-104 A-105 D-201 A-210 DING D-301 A-301



PORT WASHINGTON YACHT CLUB

BUILDING DATA / SCOPE OF WORK

INTERIOR / EXTERIOR ALTERATIONS (LEVEL 2 ALTERATION) TO FOLLOWING BUILDINGS: (AS PER SECTION 302 OF THE 2020 B.C. OF N.Y.S.)

CLUBHOUSE BUILDING	
EXISTING OCCUPANCY GROUP: PROPOSED OCCUPANCY GROUP:	
	A-4 - ASSI A-4 - ASSI
PADDLE HOUSE BUILDING EXISTING OCCUPANCY GROUP: PROPOSED OCCUPANCY GROUP:	
TYPE OF CONSTRUCTION: (AS PER SECTION 602 OF THE 202	0 B.C. OF N.
CLUBHOUSE BUILDING: TENNIS HOUSE BUILDING: PADDLE HOUSE BUILDING:	TYPE IIB TYPE VB TYPE VB
NO CHANGE IN USE OR OCCUPANC	Y UNDER TH
CLUBHOUSE BUILDING: TENNIS HOUSE BUILDING: PADDLE HOUSE BUILDING:	SPRINKLERE NON-SPRINE NON-SPRINE
OCCUPANT LOAD: (AS PER CHAPTER 6 OF 2020 B.C.	OF N.Y.S.)

CLUBHOUSE BUILDING:

BUILDING CODES / REFERENCED STANDARDS

NYS	2020	INTERNATI	IONAL	EXISTING	BUILDING (CC
NYS	2020	INTERNATI	IONAL	ENERGY	CONSERVA	ATI
NYS	2020	INTERNATI	IONAL	FIRE COL	DE	
NYS	2020	INTERNATI	IONAL	FUEL GA	S CODE	
NYS	2020	INTERNATI	IONAL	MECHAN	ICAL CODE	
NYS	2020	INTERNATI	IONAL	PLUMBIN	G CODE	
NYS	2020	INTERNATI	IONAL	PROPER	TY MAINTEI	NA
NFPA	4 70 /	/ NEC 2017	7			
ANSI	A117.	1 -2009				

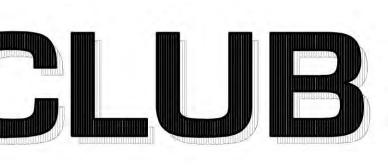
LOCATION MAP:

PROJECT LOCATION ONE YACHT CLUB DRIVE PORT WASHINGTON, N.Y. 11050

NASSAU COUNTY TAX MAP: SECTION 5 BLOCK C

LOTS: 191, 216, 236, 303, 304, 435, 443 AND 460





#21667

PORT WASHINGTON, N.Y., 11050

SEMBLY SEMBLY (NO CHANGE)

SEMBLY SEMBLY (NO CHANGE)

SEMBLY SEMBLY (NO CHANGE)

N.Y.S.)

THIS APPLICATION

RED; AUTOMATIC FIRE ALARM INKLERED; MANUAL FIRE ALARM NKLERED; MANUAL FIRE ALARM 62

251.6 OCCUPANTS (EXISTING)

ODE (LEVEL 2 ALTERATION) TION & CONSTRUCTION CODE

IANCE CODE

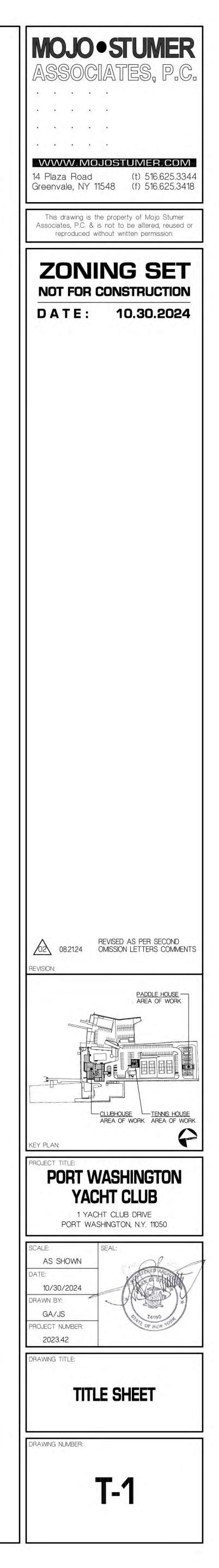
OWNER:

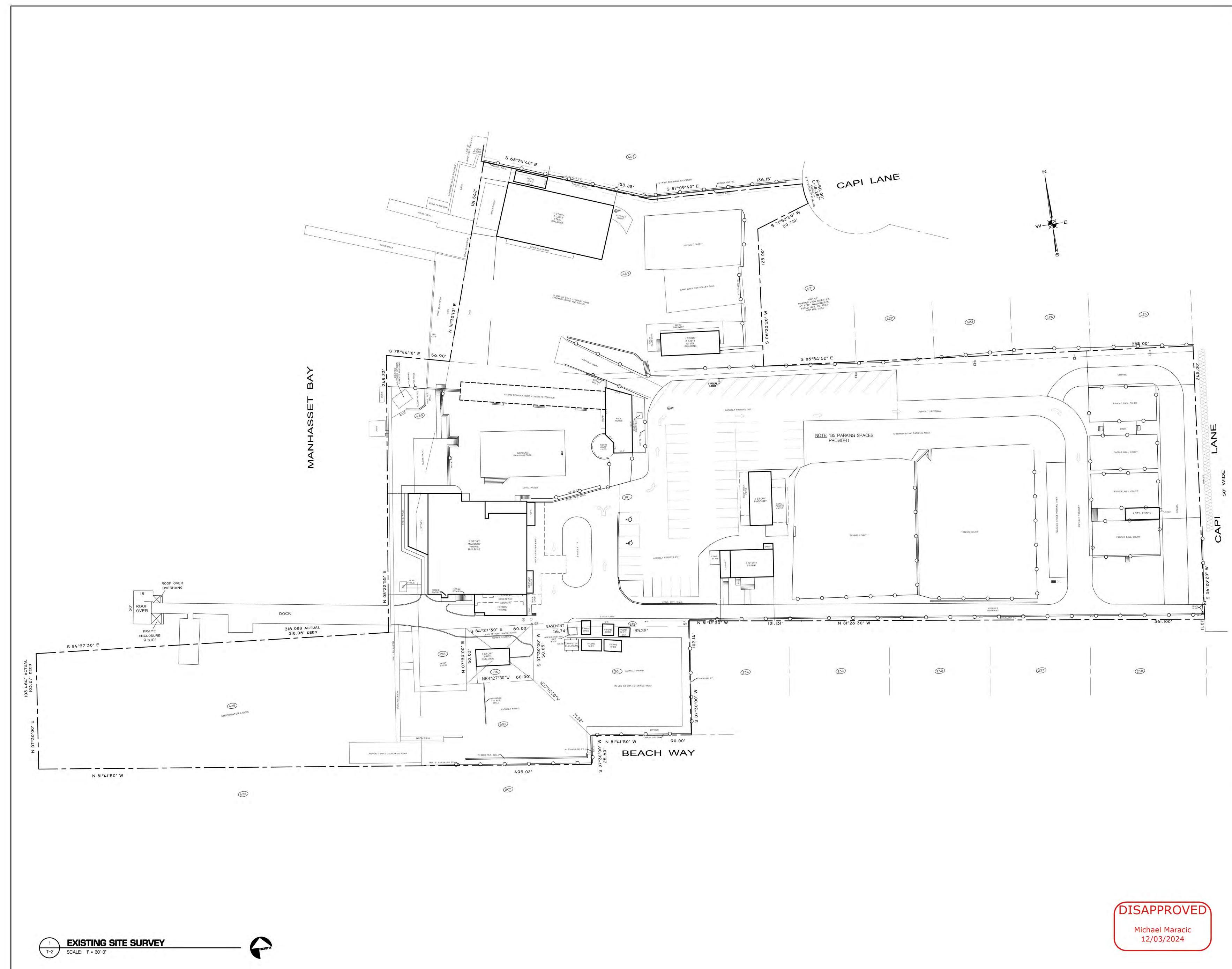
PORT WASHINGTON YACHT CLUB ONE YACHT CLUB DRIVE PORT WASHINGTON, N.Y. 11050 (516) 819-8150

ARCHITECT:

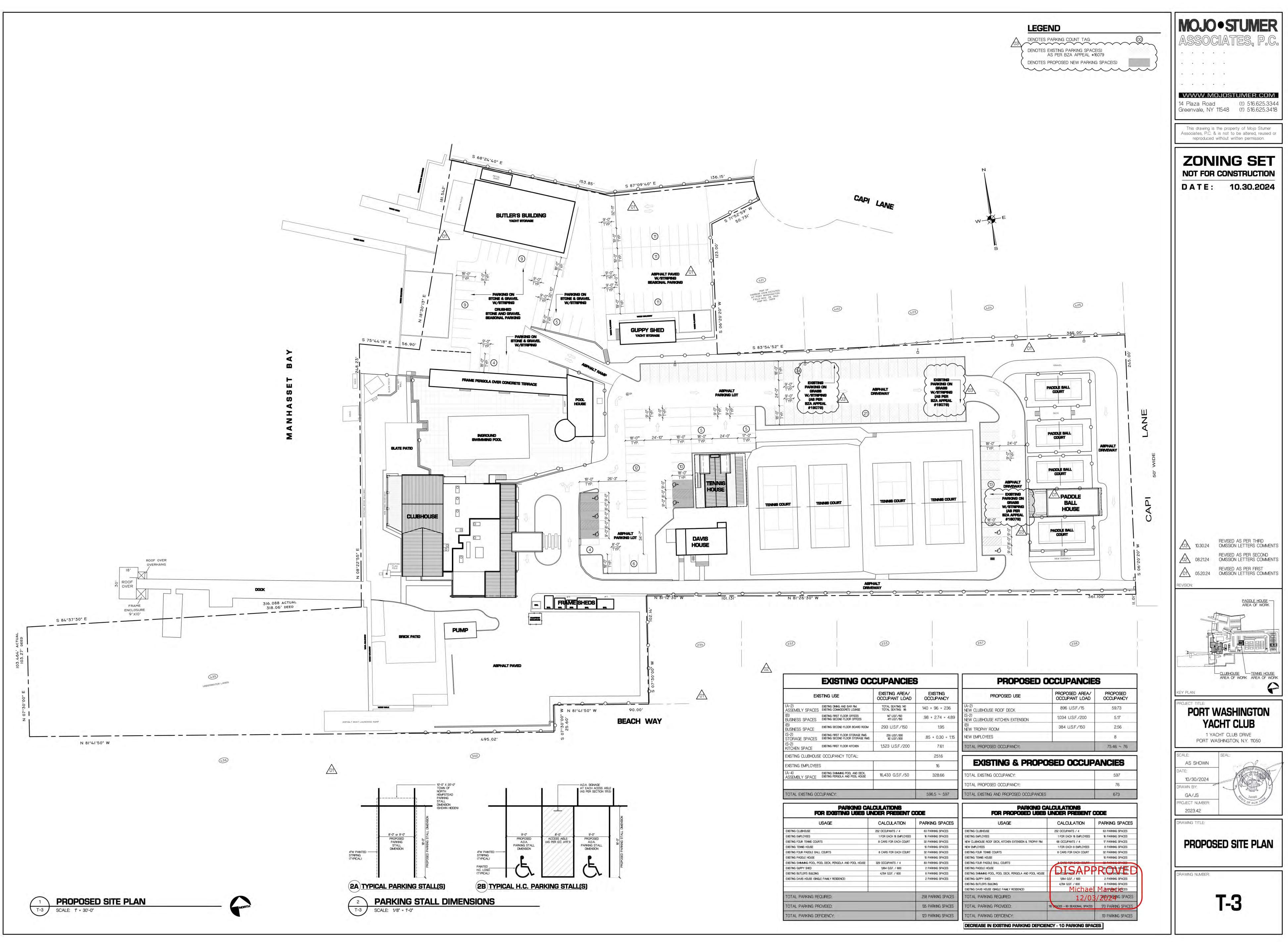
MOJO STUMER ASSOCIATES, P.C. 14 PLAZA ROAD GREENVALE, NEW YORK 11548 (516) 625-3344



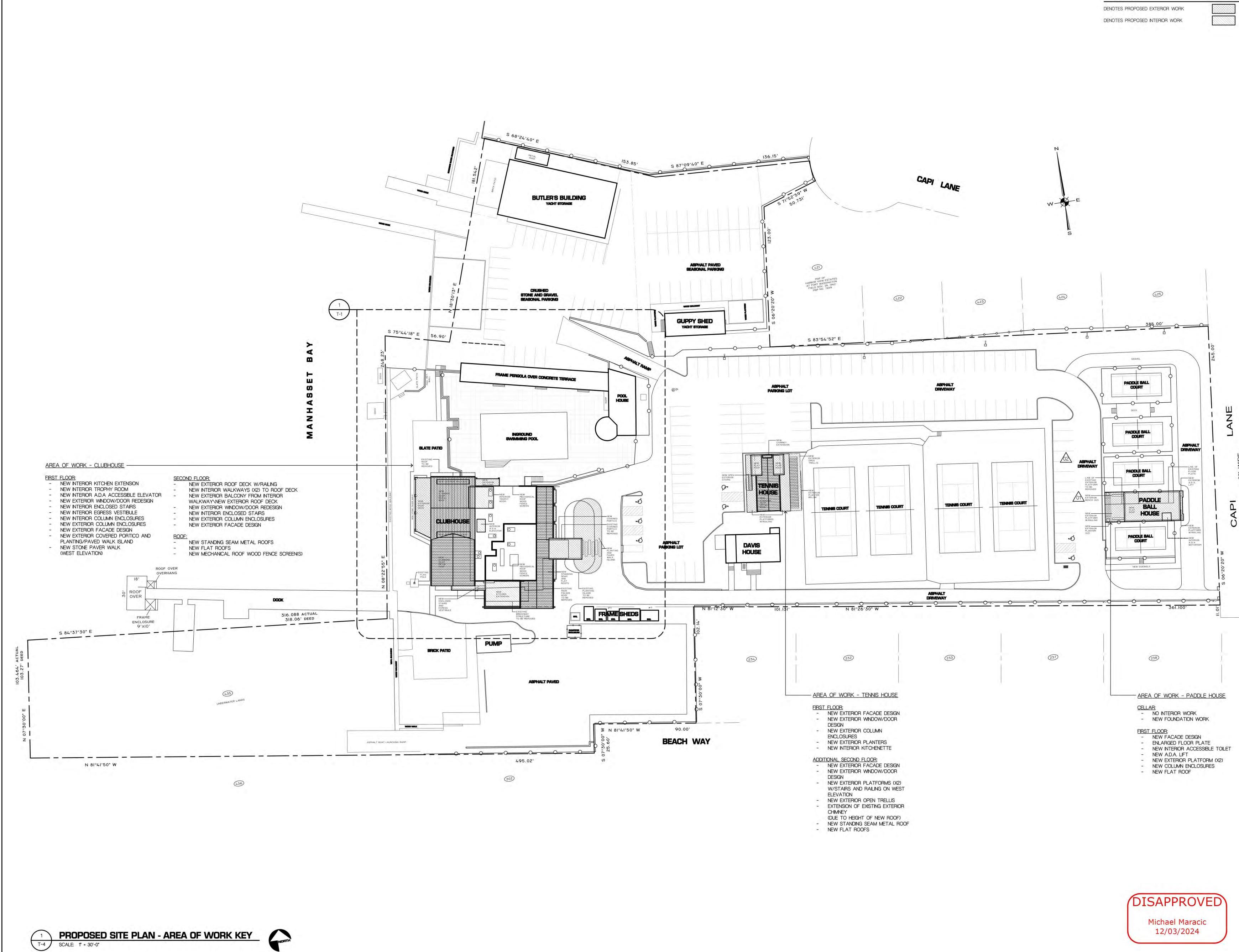




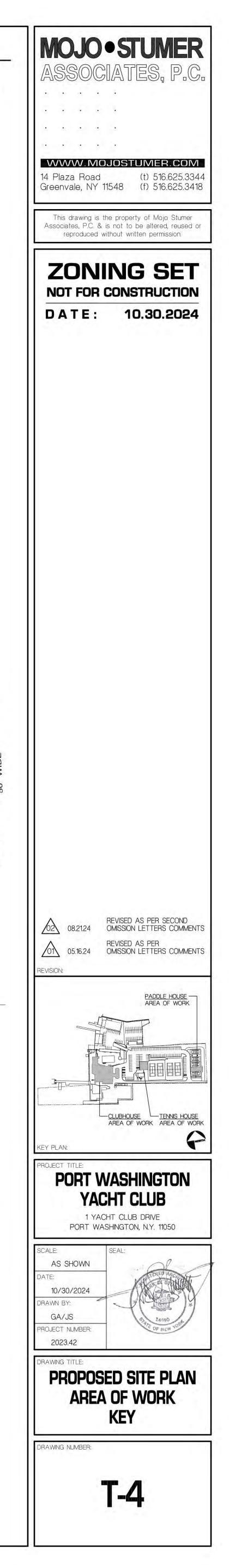
MOJO•STUMER ASSOCIAIES, P.C. WWW.MOJOSTUMER.COM 14 Plaza Road(t) 516.625.3344Greenvale, NY 11548(f) 516.625.3418 This drawing is the property of Mojo Stumer Associates, P.C. & is not to be altered, reused or reproduced without written permission. **ZONING SET** NOT FOR CONSTRUCTION DATE: 10.30.2024 PADDLE HOUSE 6 PORT WASHINGTON YACHT CLUB 1 YACHT CLUB DRIVE PORT WASHINGTON, N.Y. 11050 SCALE: AS SHOWN ATE: 10/30/2024 DRAWN BY: GA/JS PROJECT NUMBER: STATE OF NEW YORK 2023.42 DRAWING TITLE: EXISTING SITE SURVEY DRAWING NUMBER: **T-2**

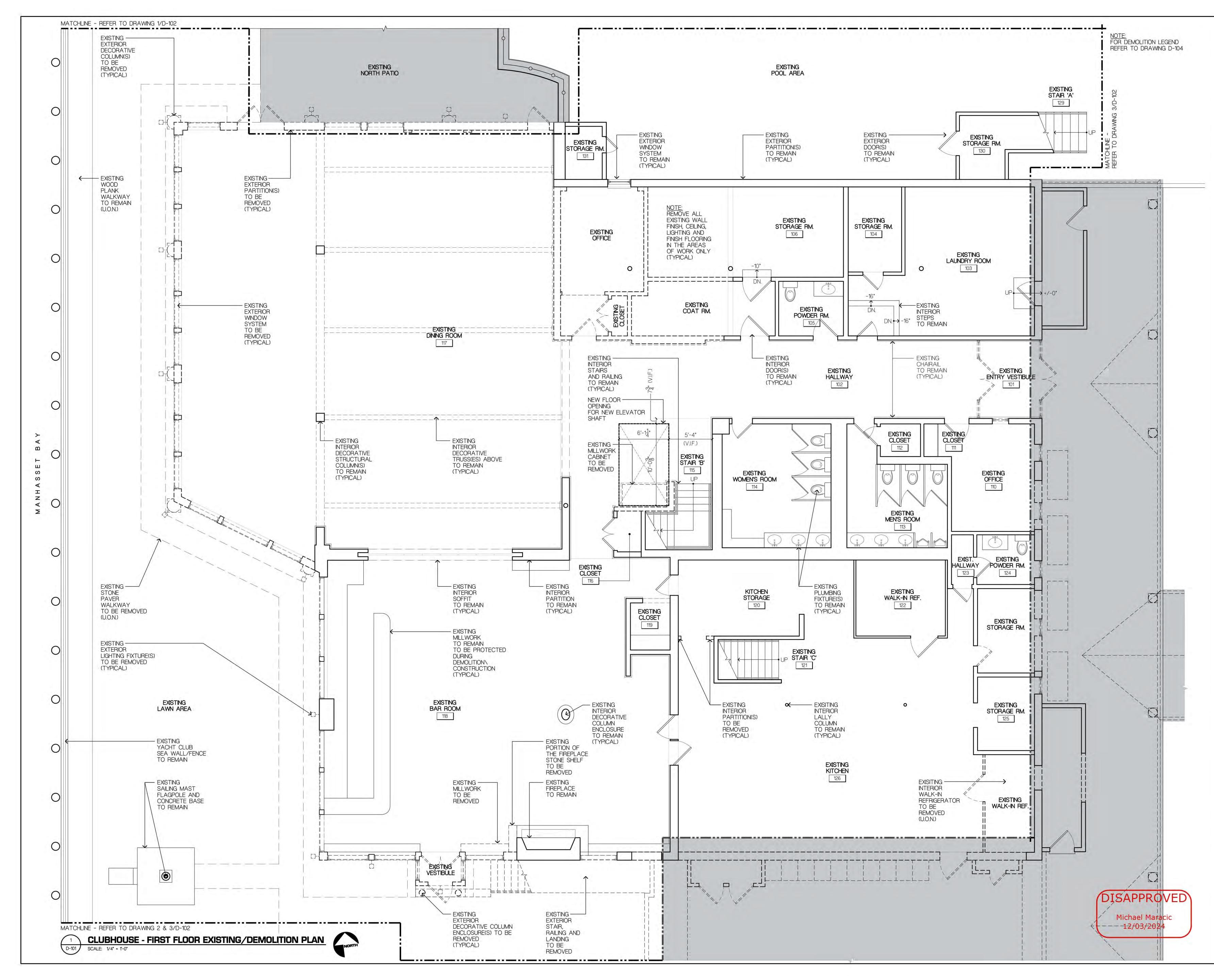


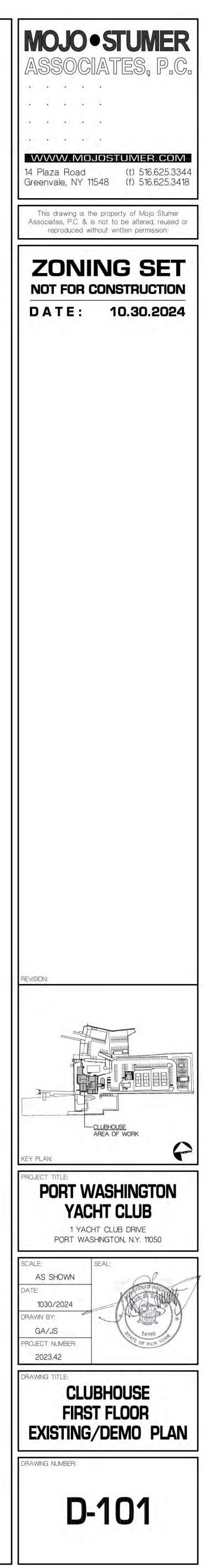


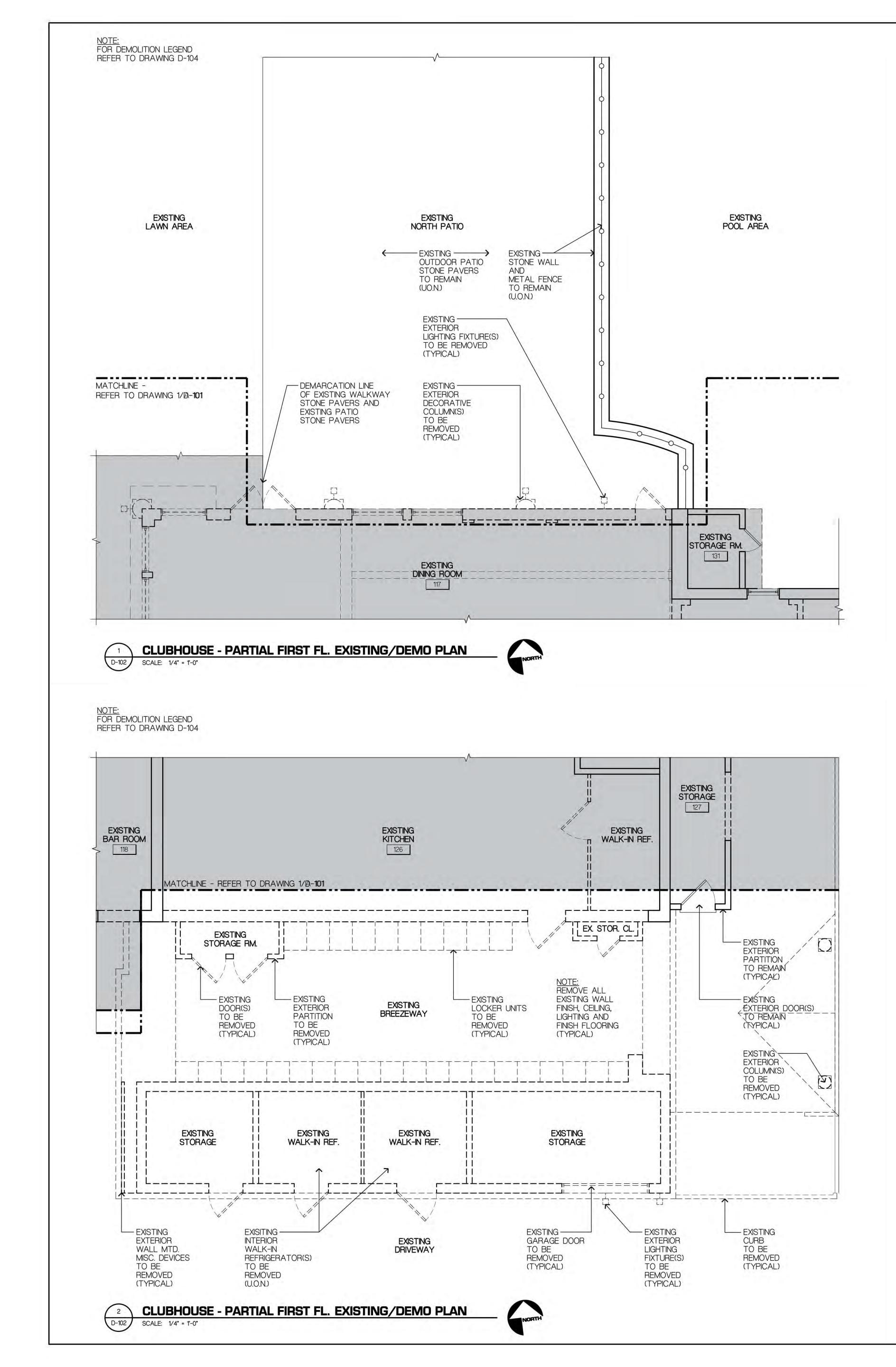


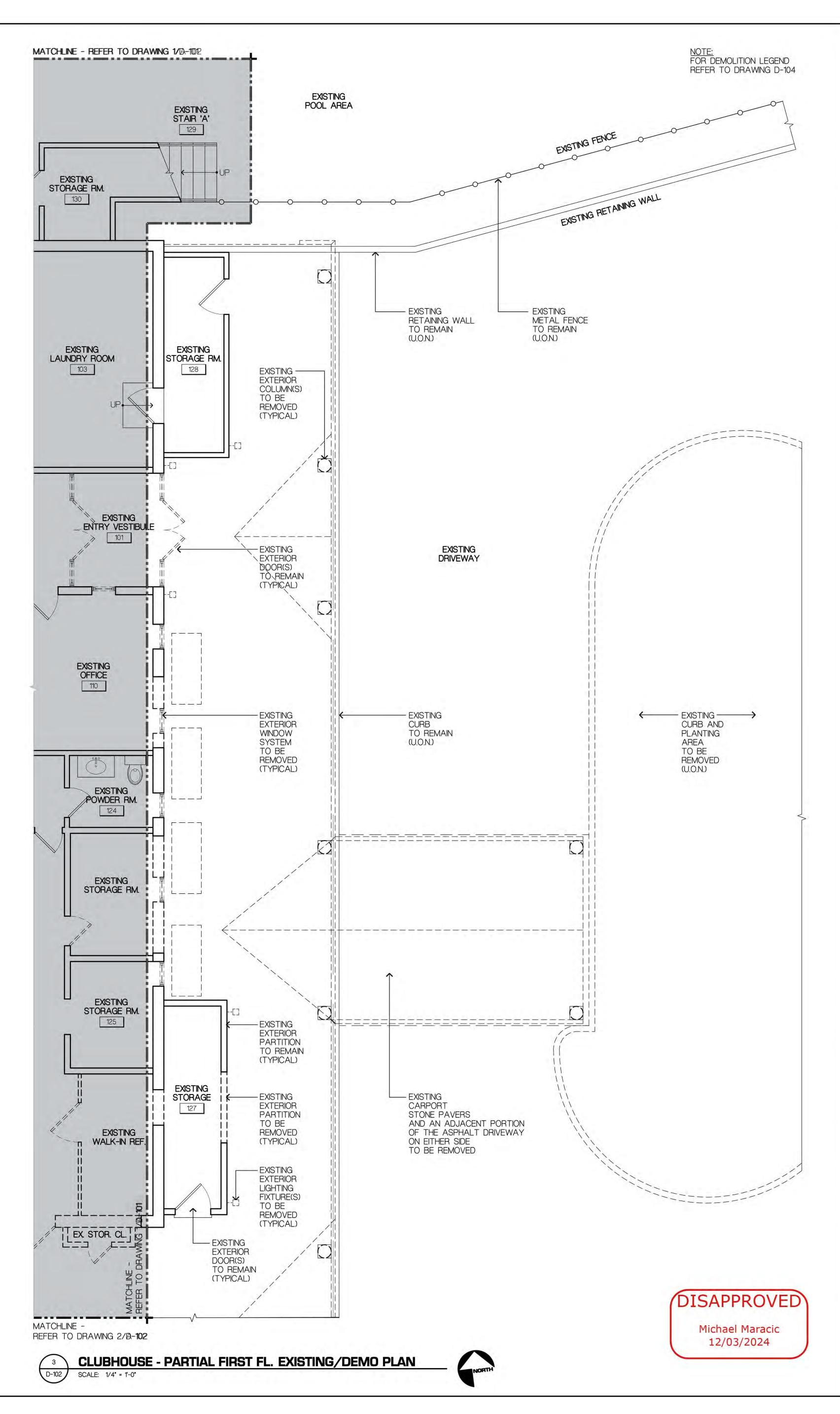
LEGEND

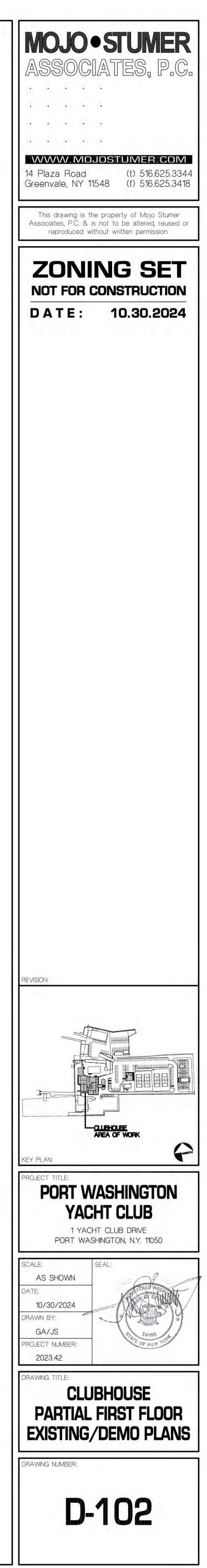


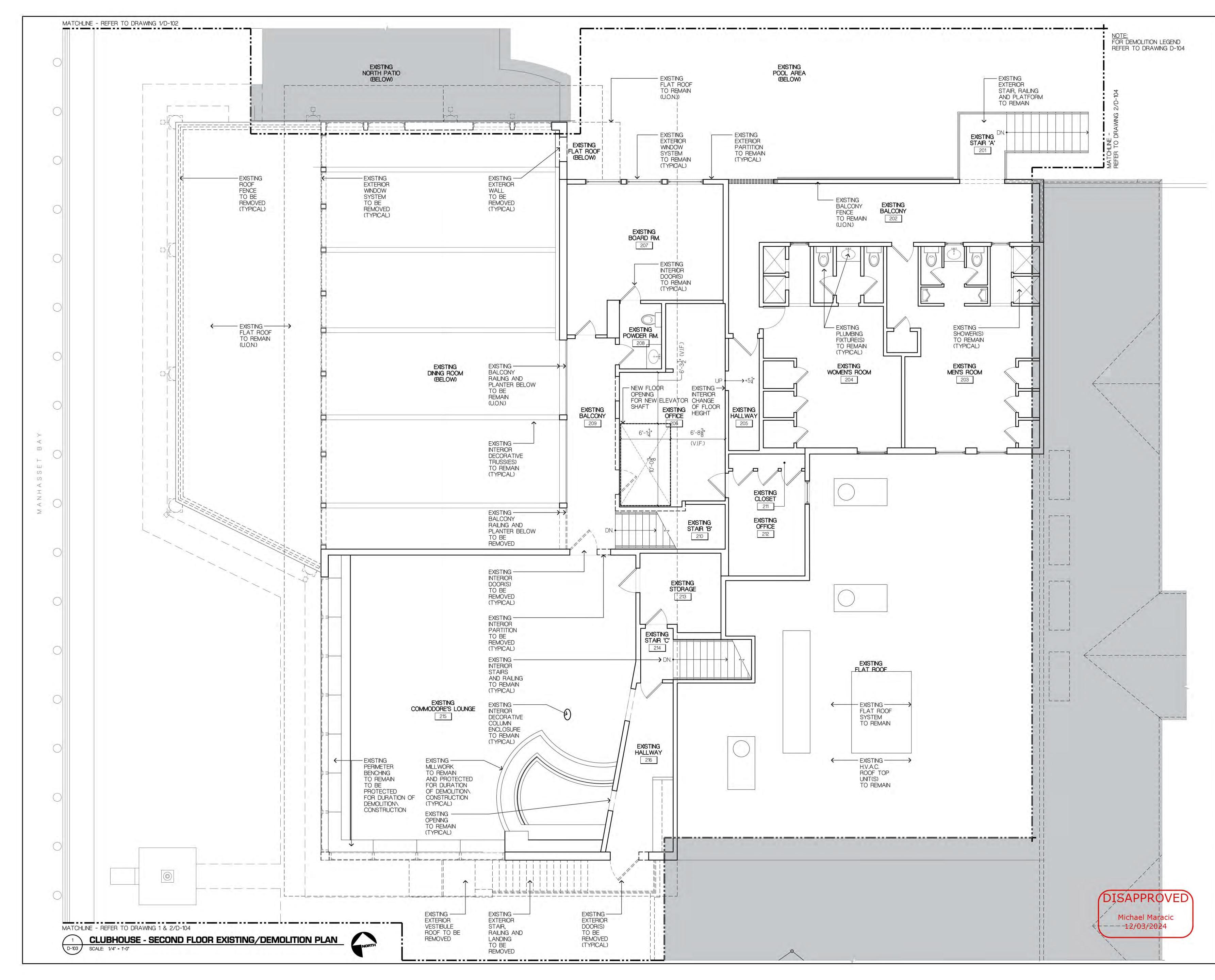


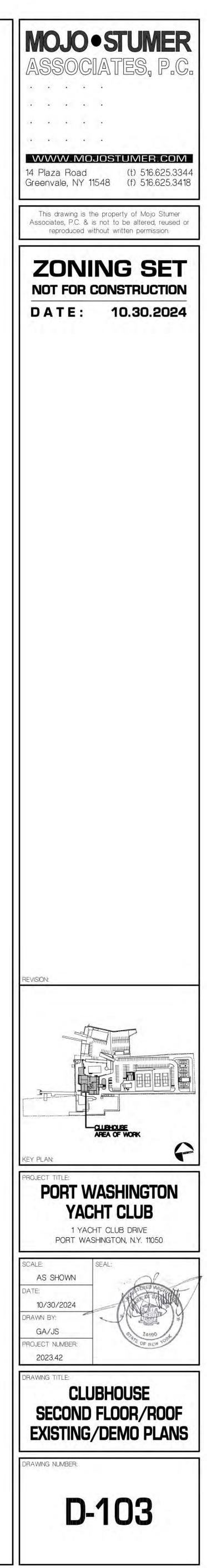












DEMOLITION PLAN LEGEND:

EXISTING WALL TO BE REMOVED

EXISTING WALL TO REMAIN

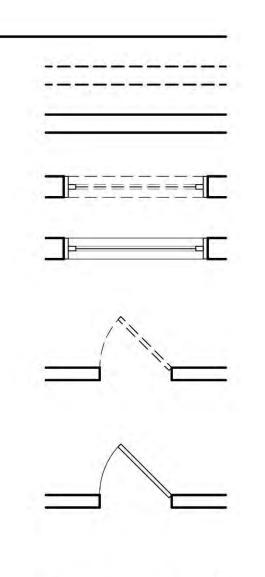
DENOTES EXISTING EXTERIOR WINDOW UNIT TO BE REMOVED

DENOTES EXISTING EXTERIOR WINDOW UNIT TO REMAIN

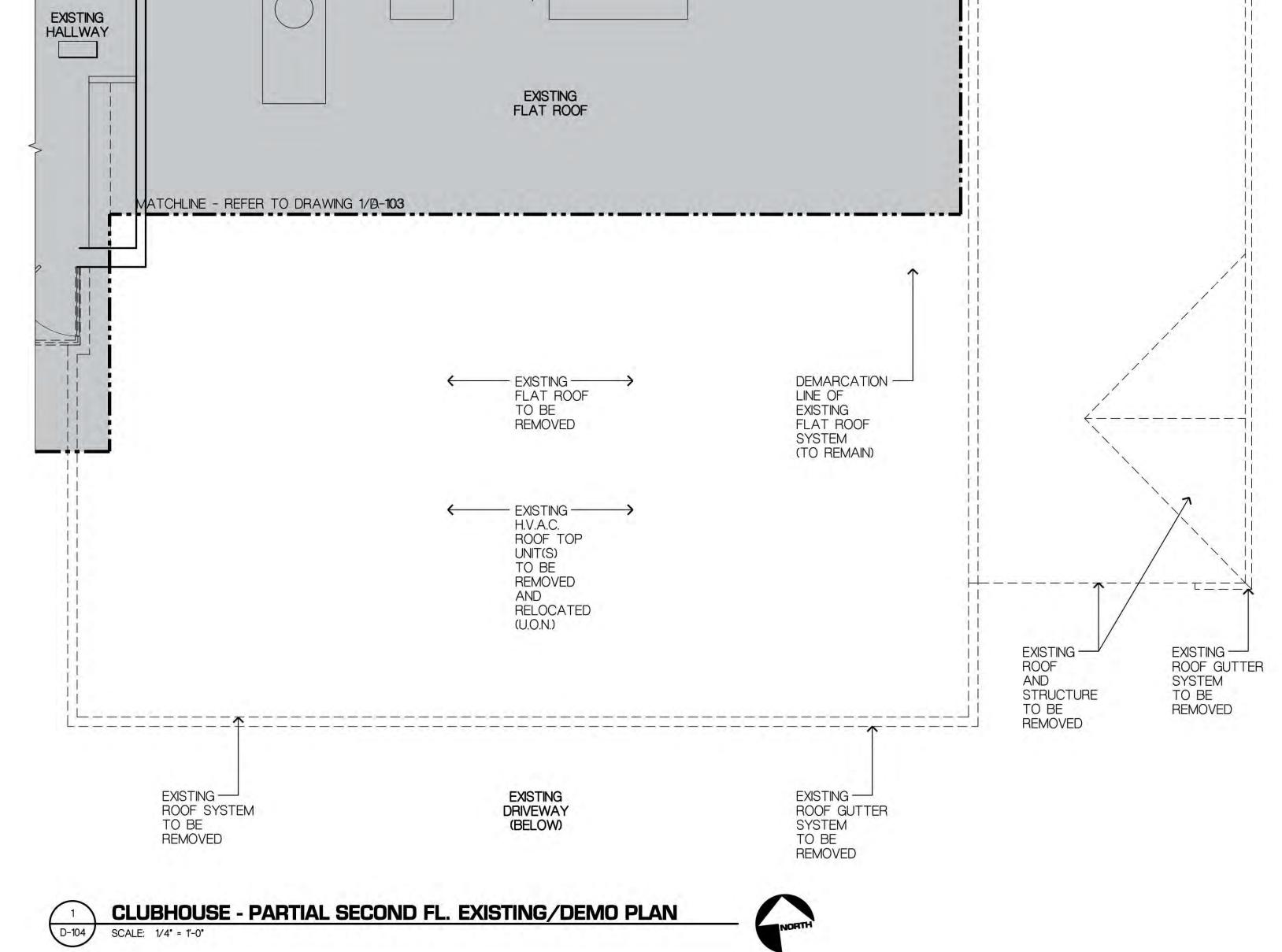
DENOTES EXISTING DOOR, FRAME AND HARDWARE TO BE REMOVED

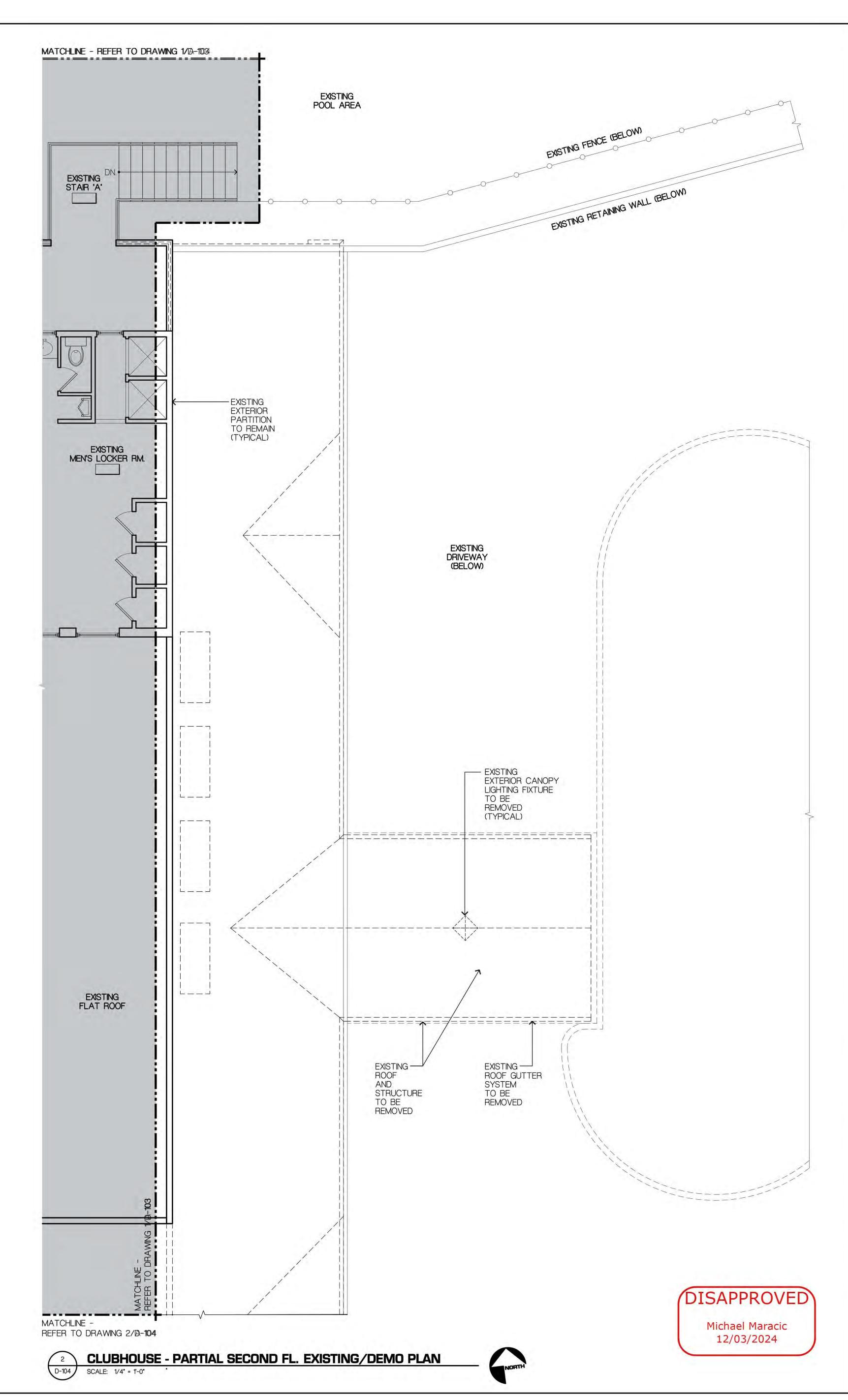
DENOTES EXISTING DOOR, FRAME AND HARDWARE TO REMAIN (U.O.N.)

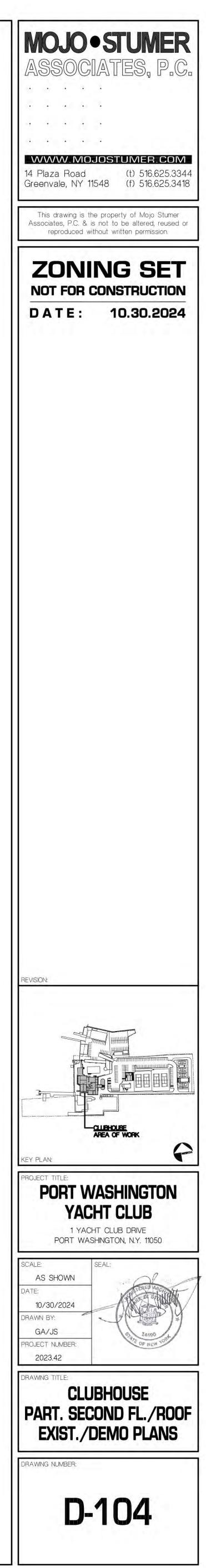
DENOTES EXISTING METAL FENCE TO REMAIN (U.O.N.)

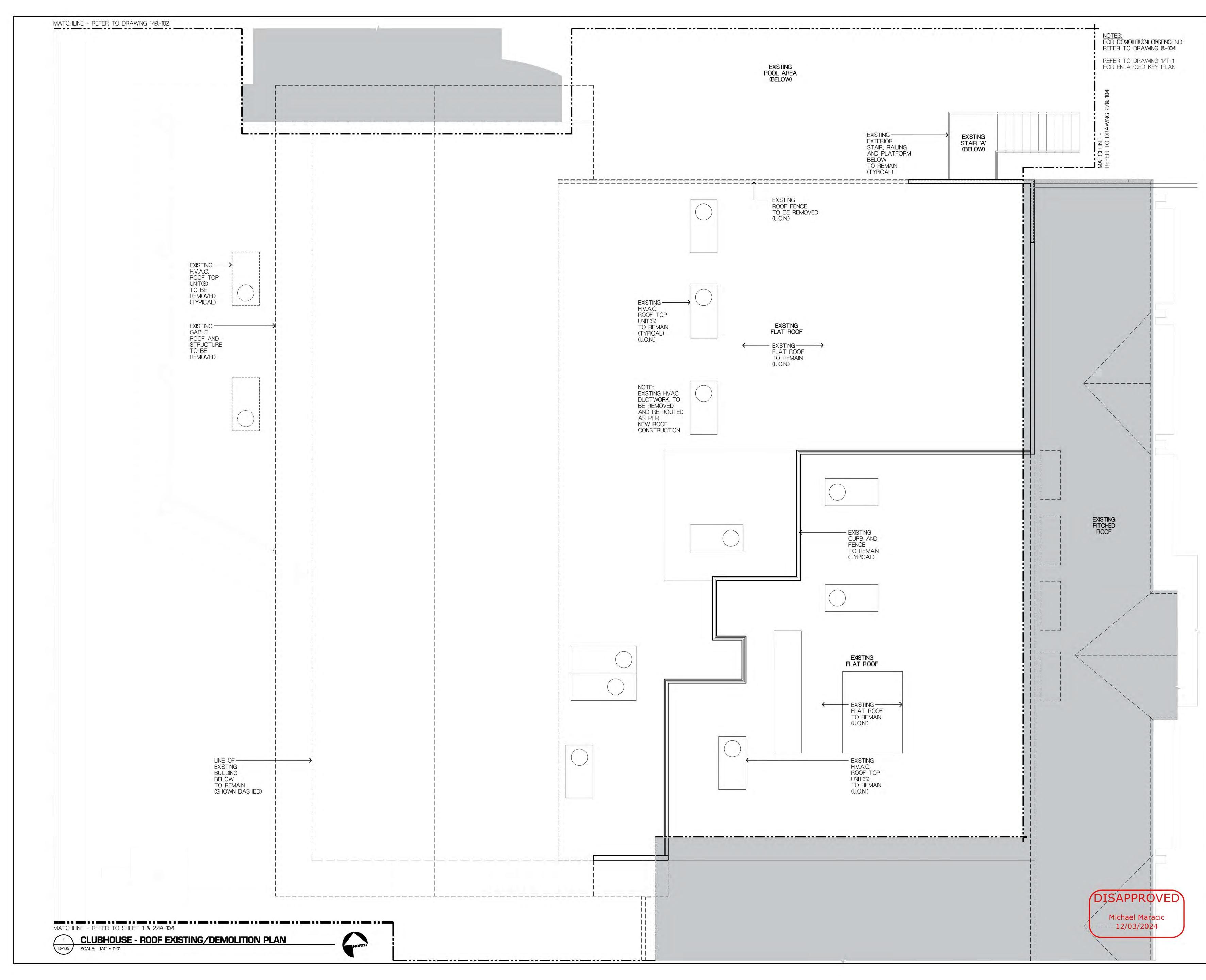


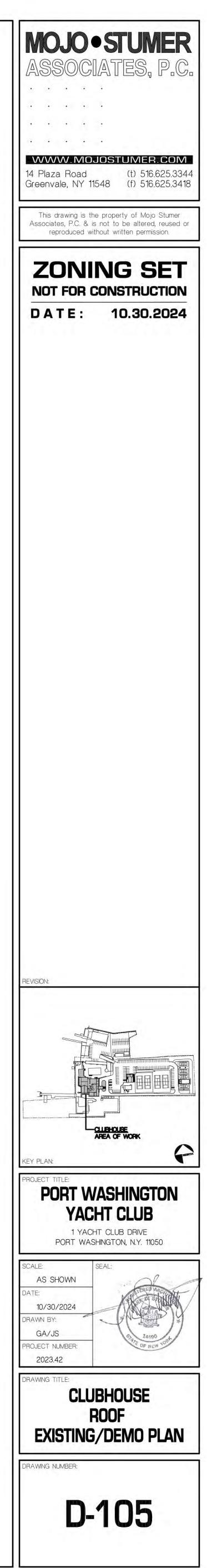
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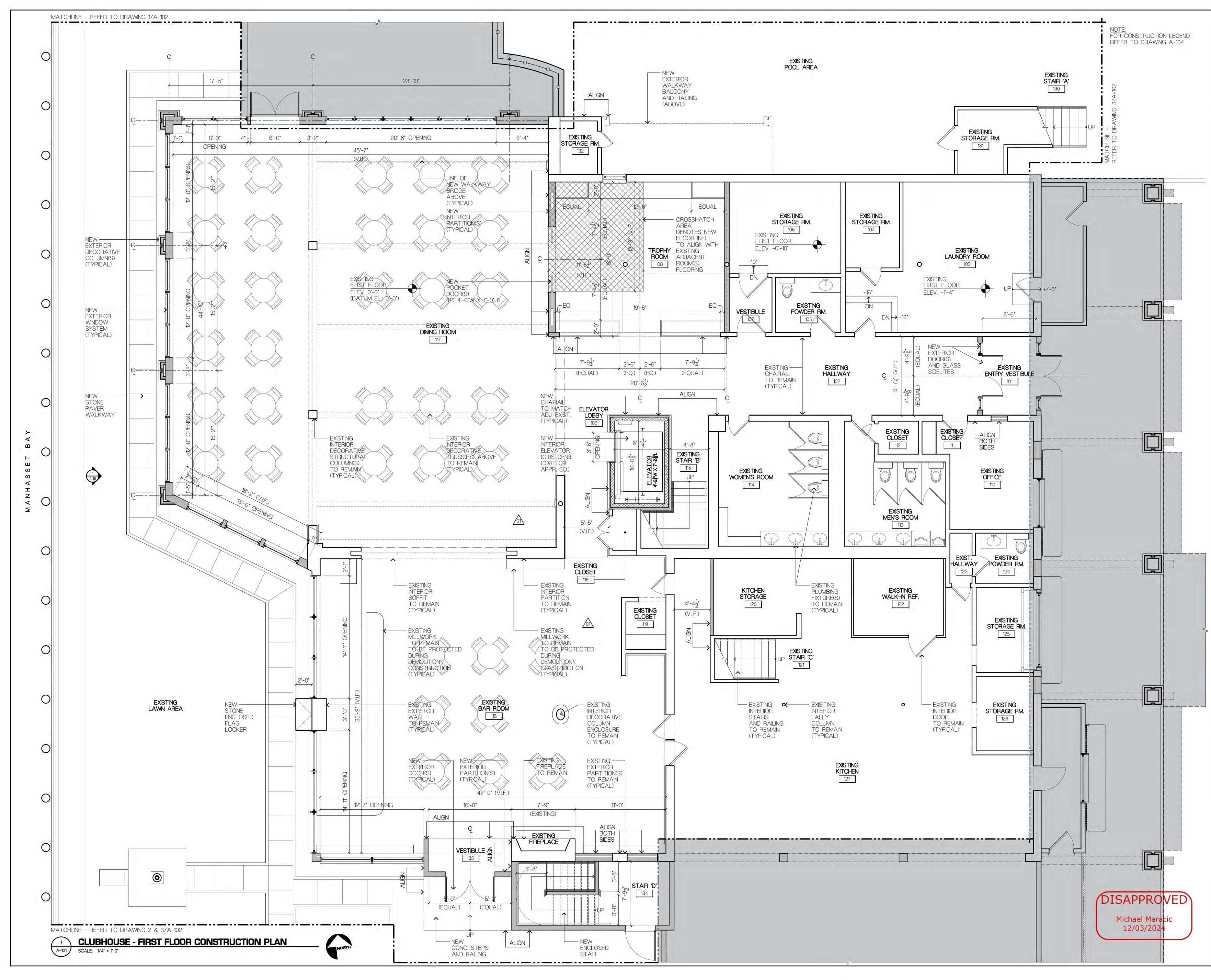


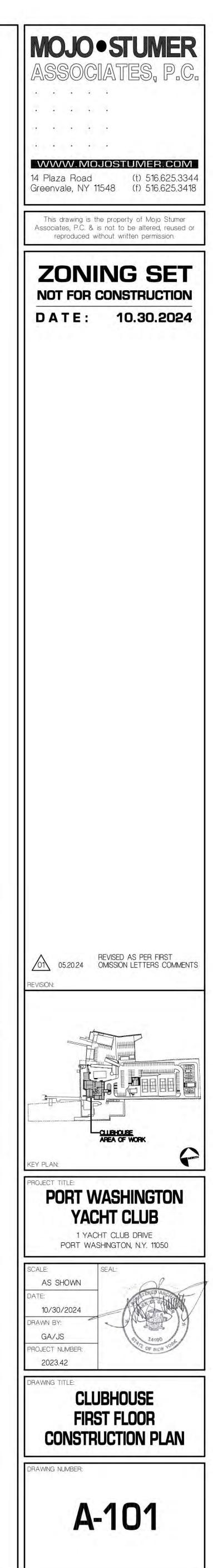


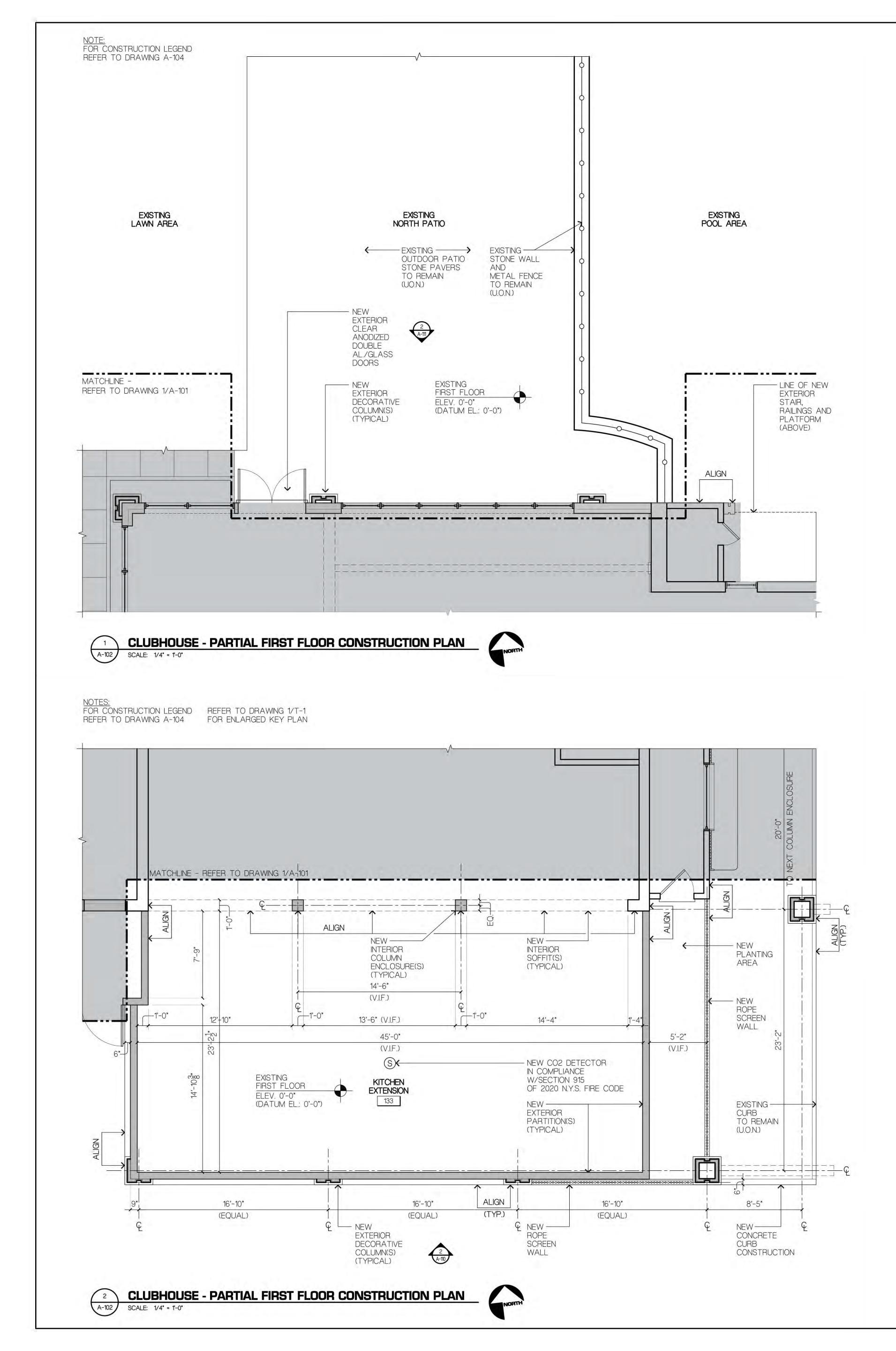


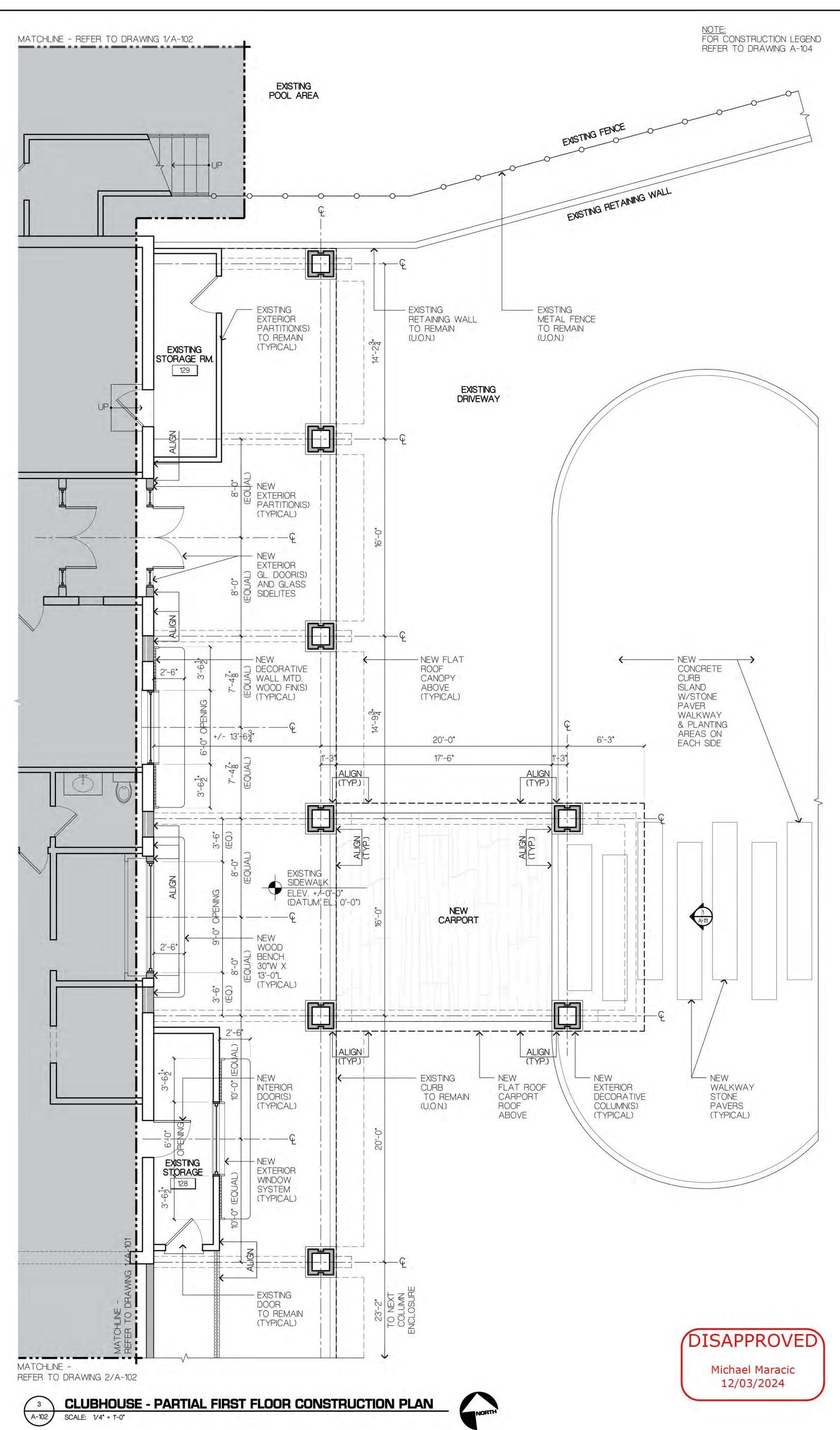


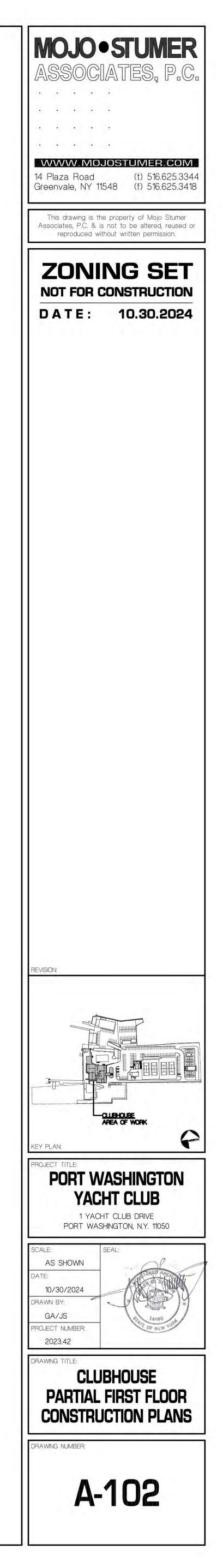


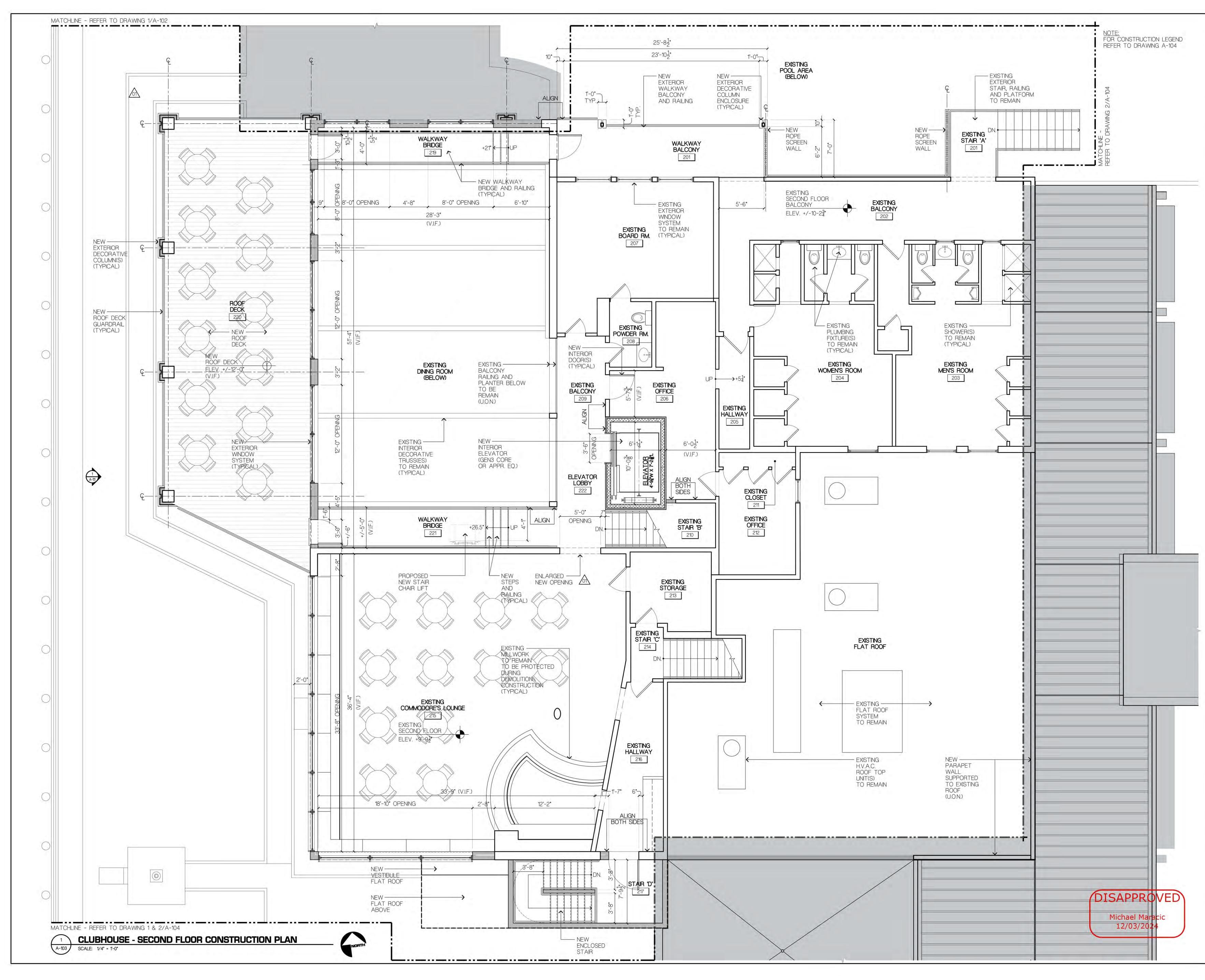


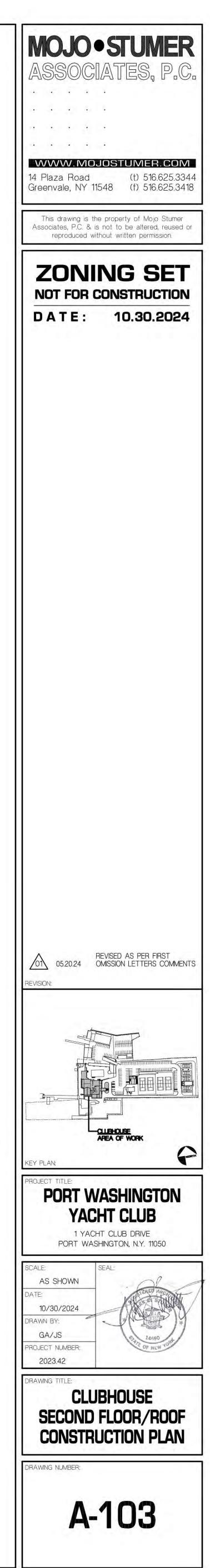


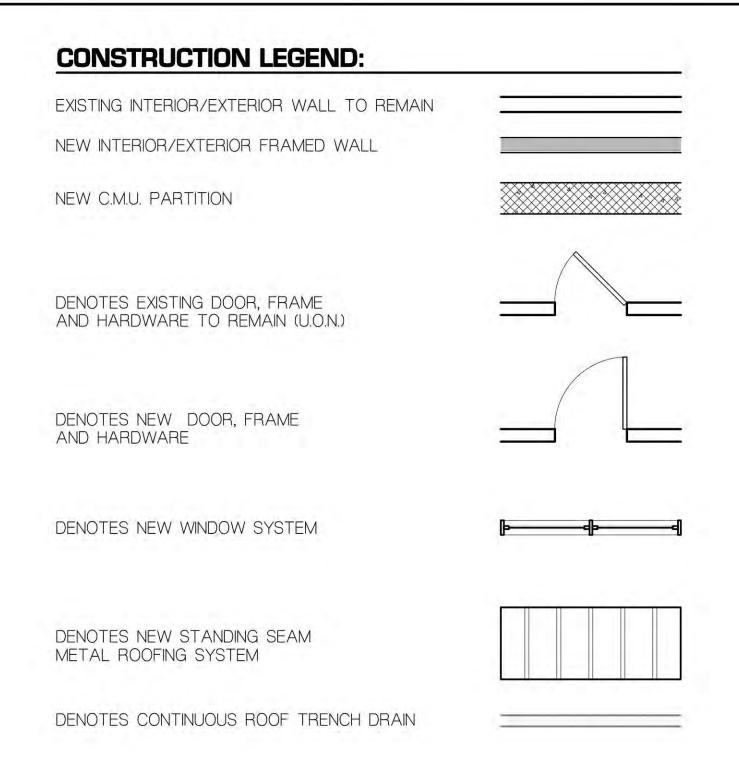


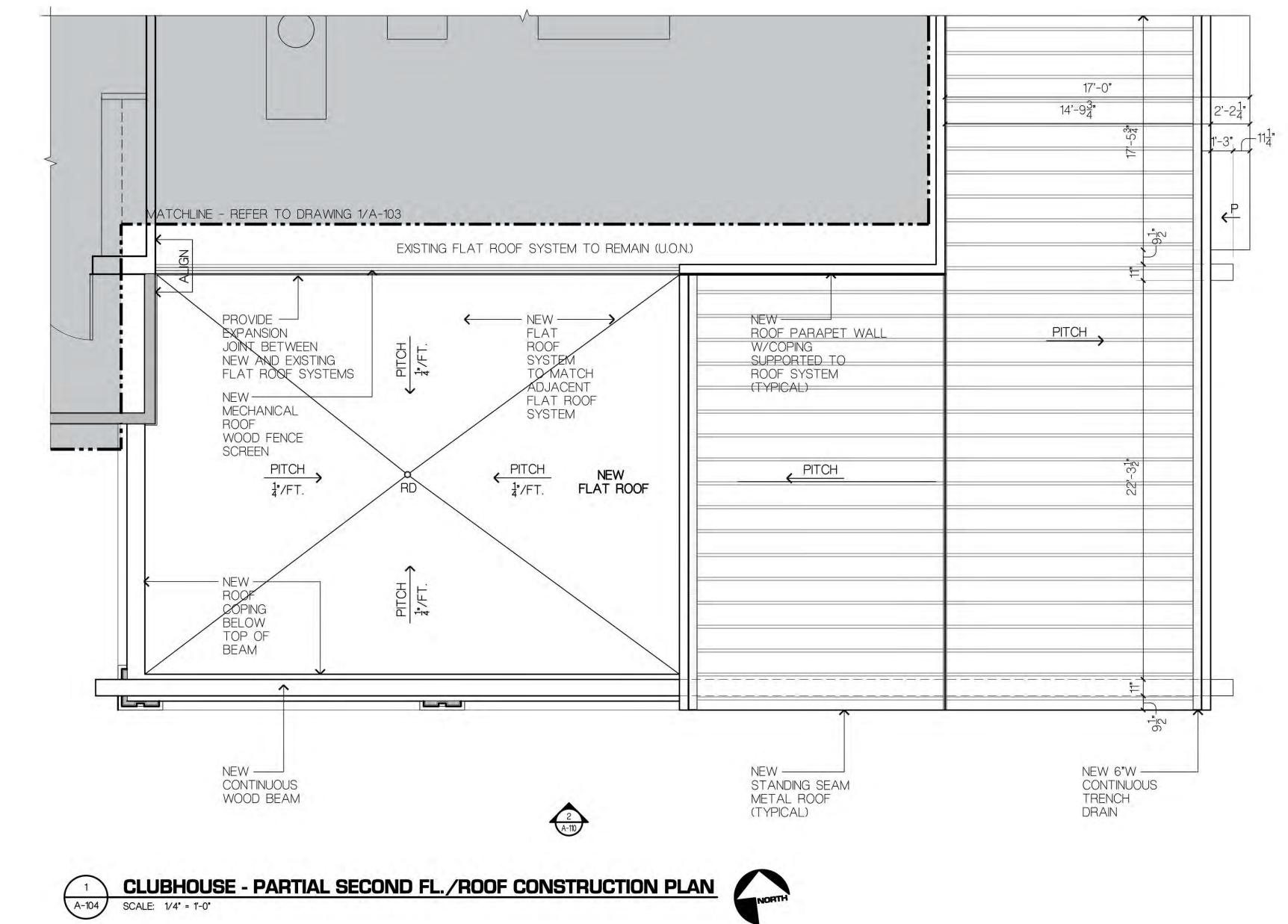


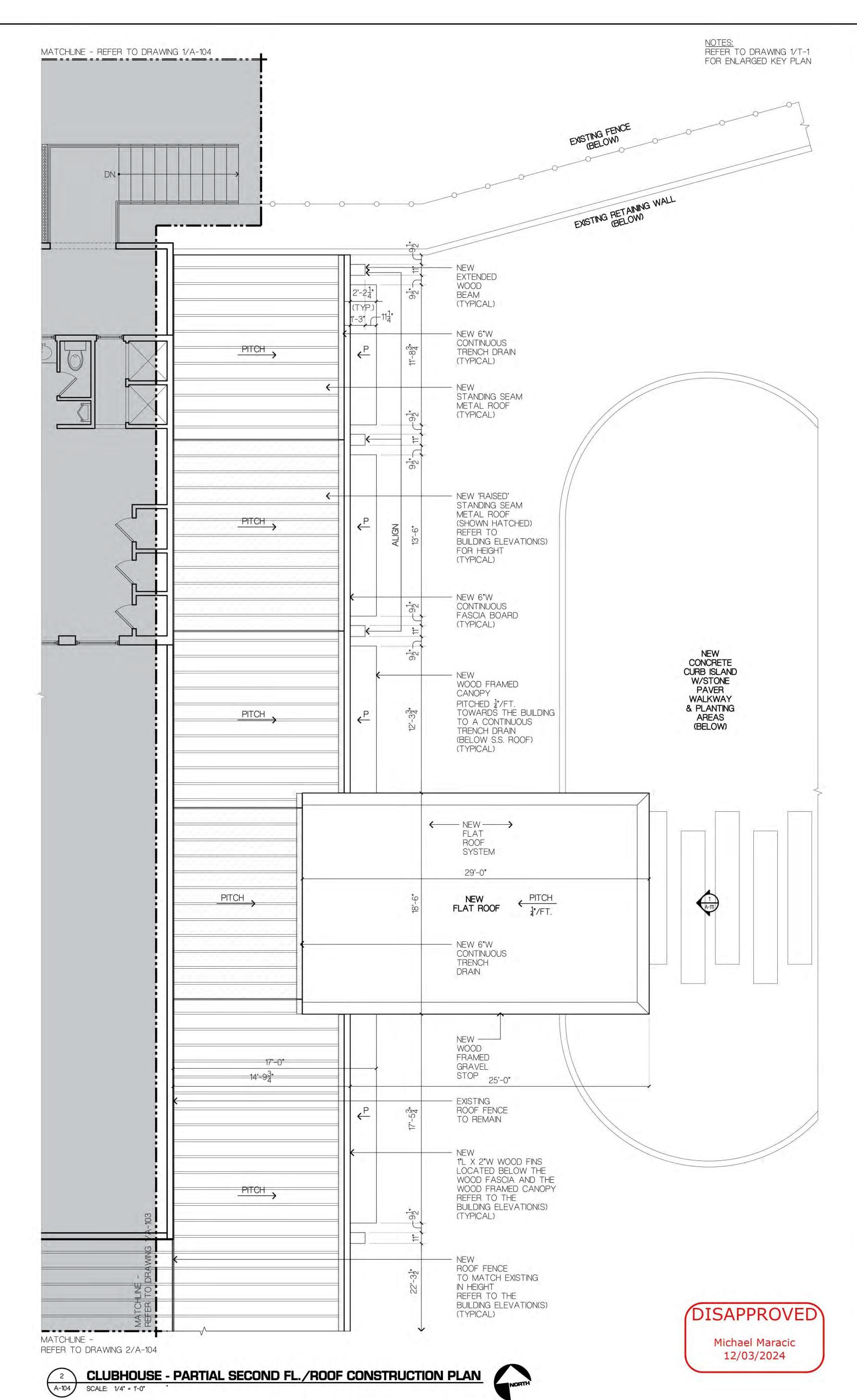


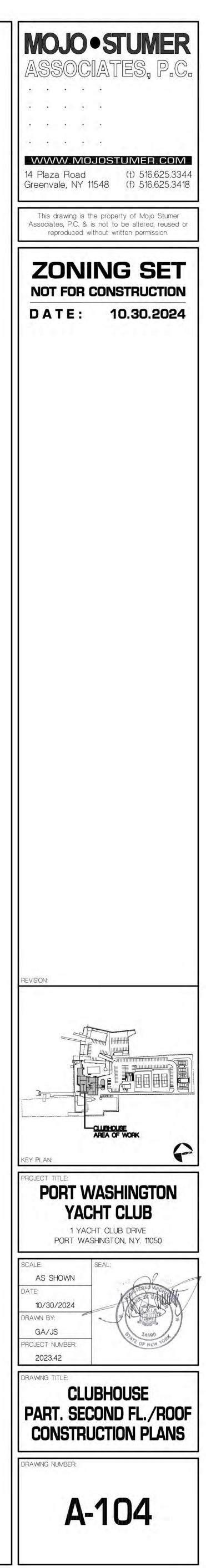


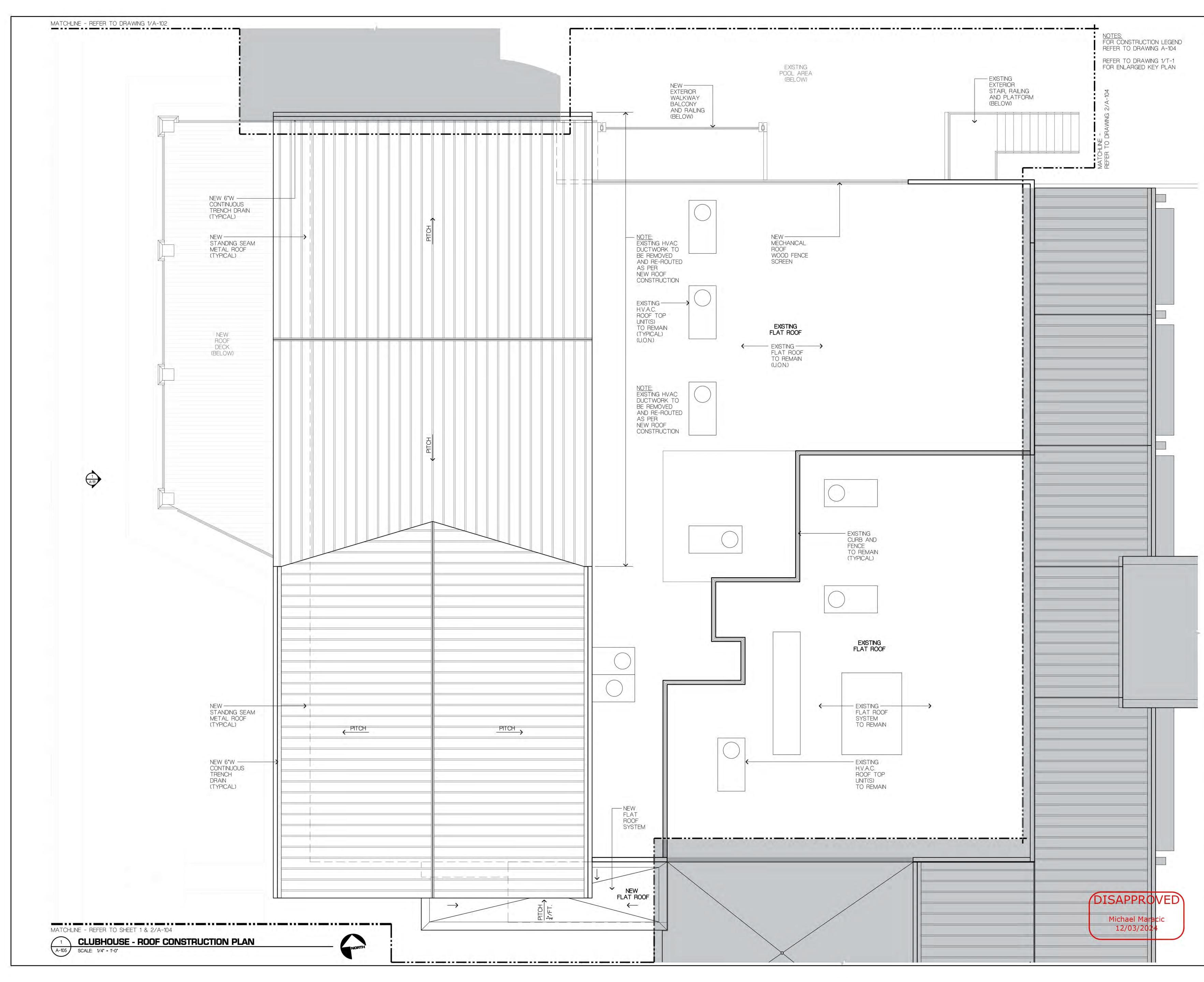


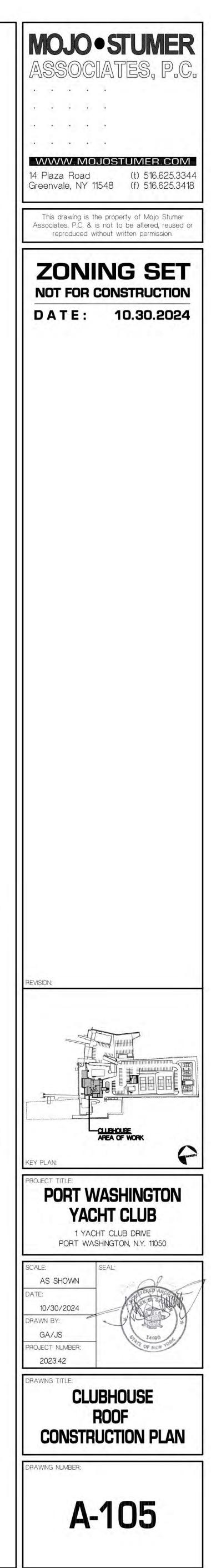


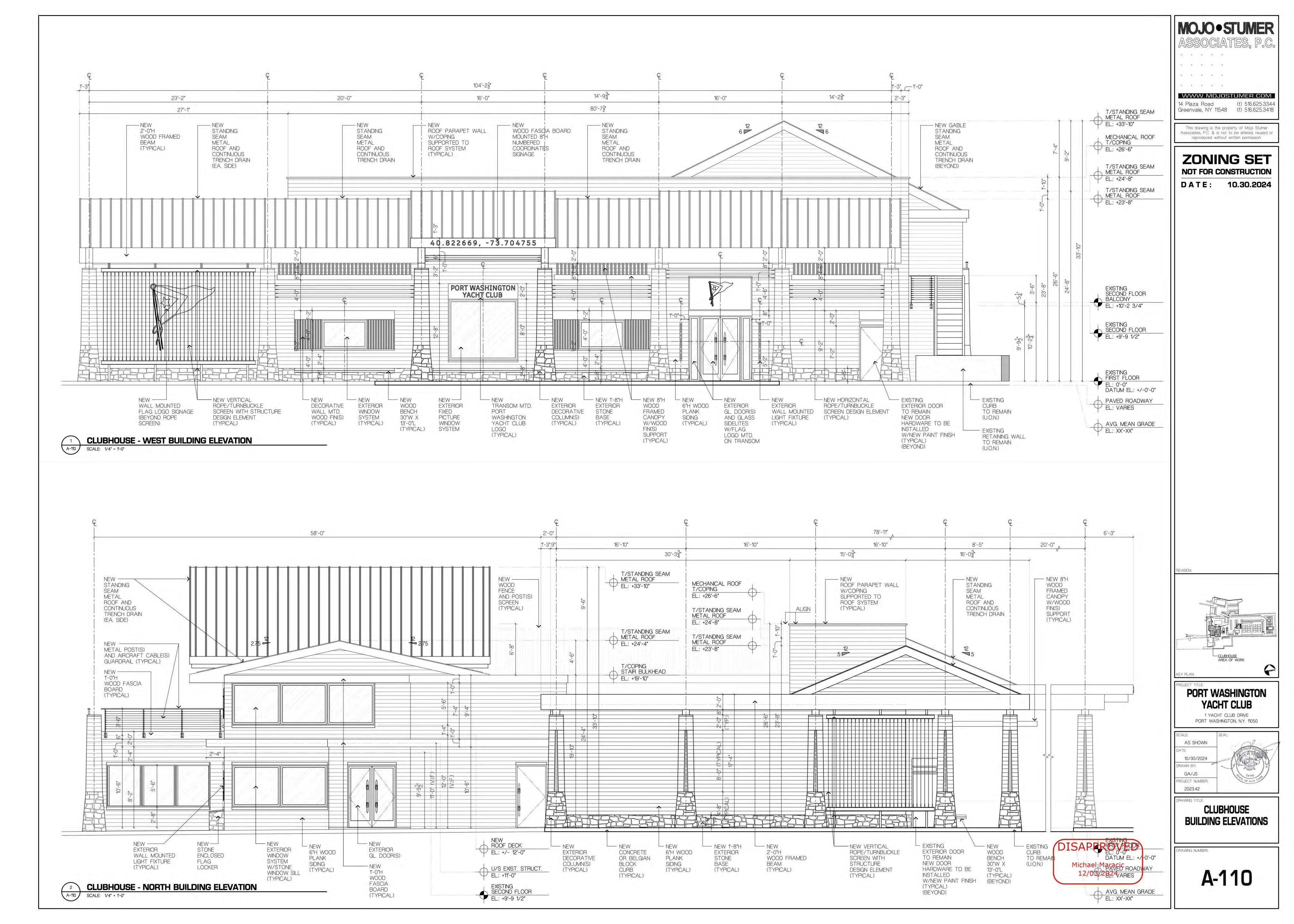


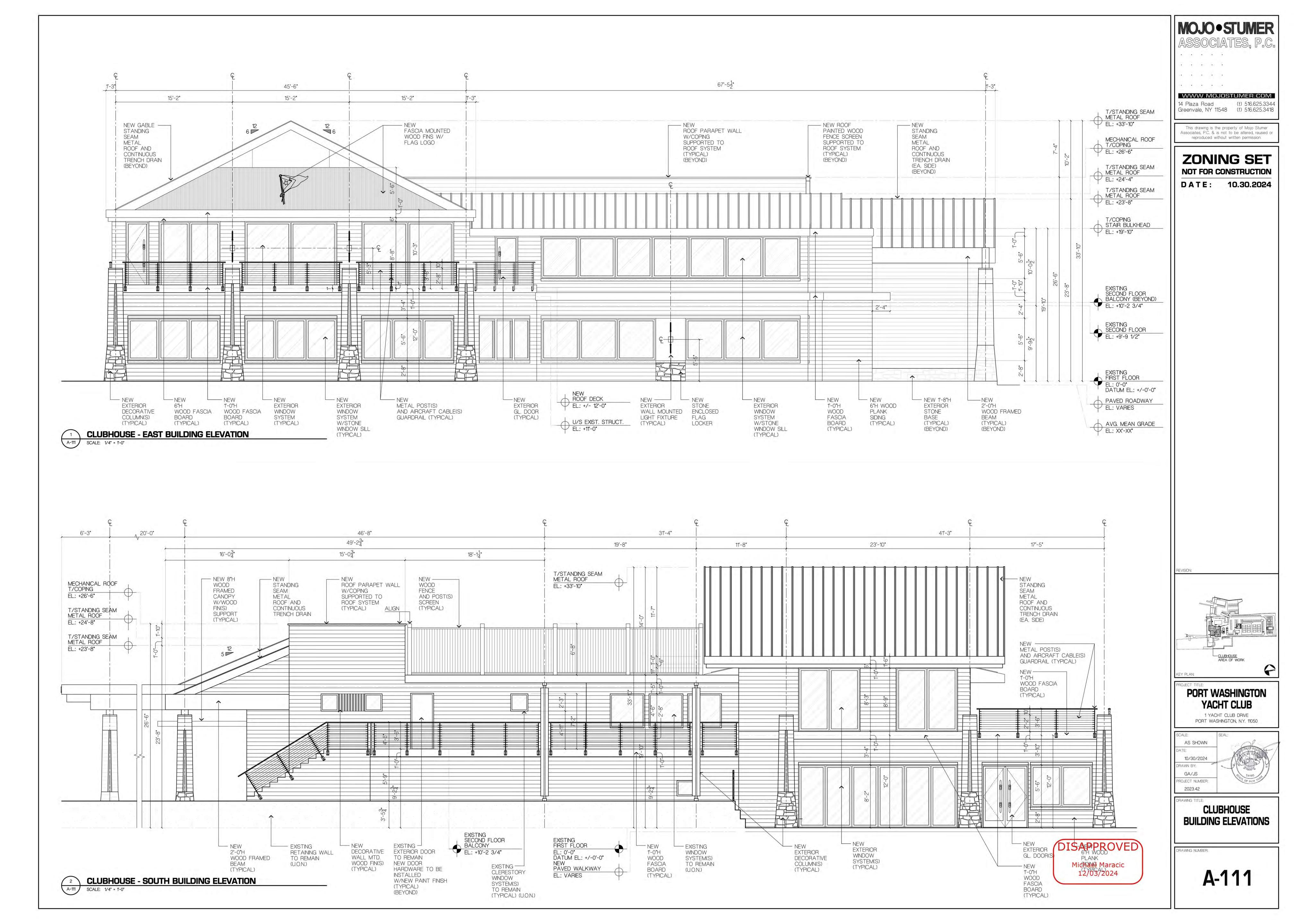


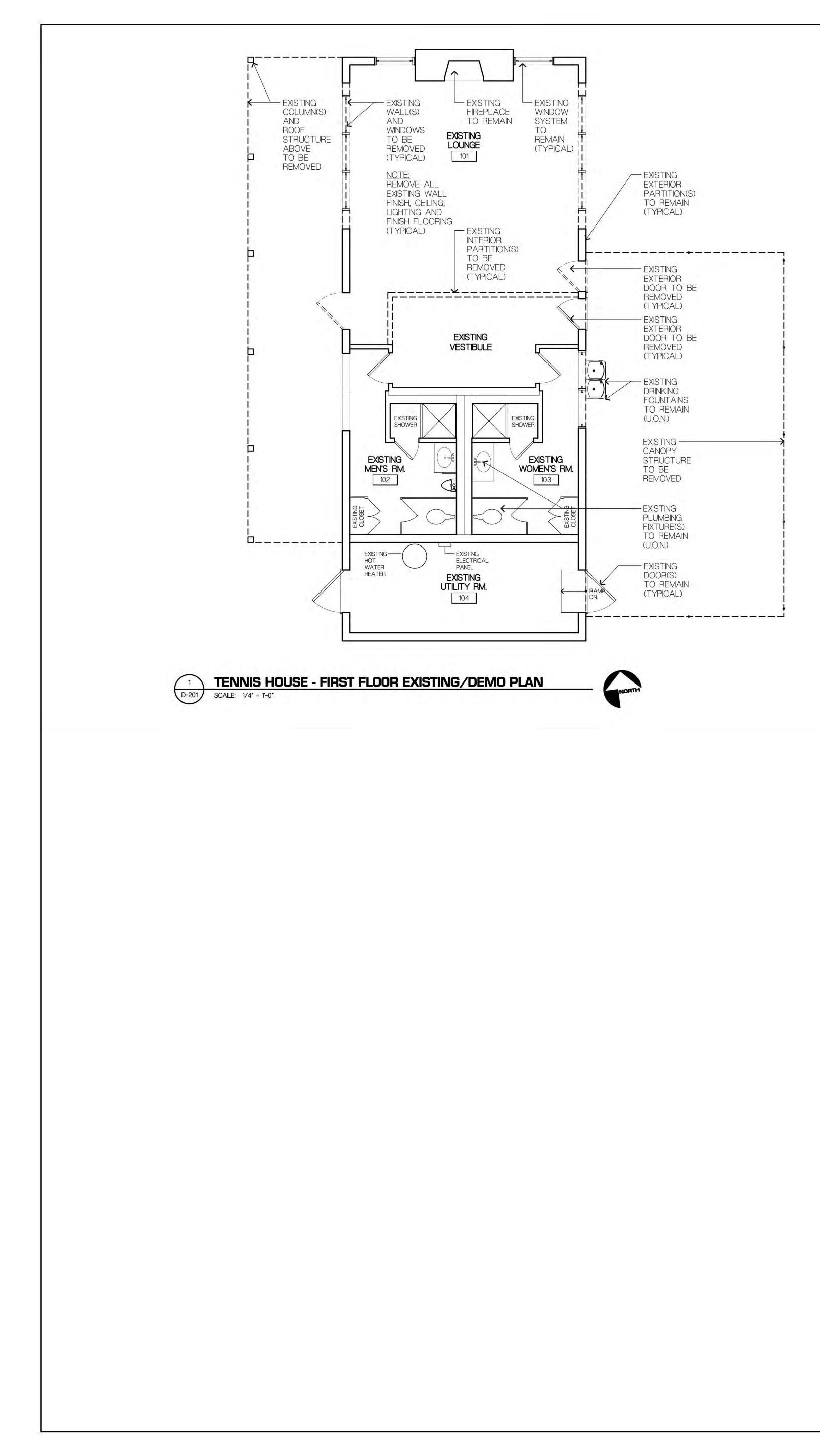




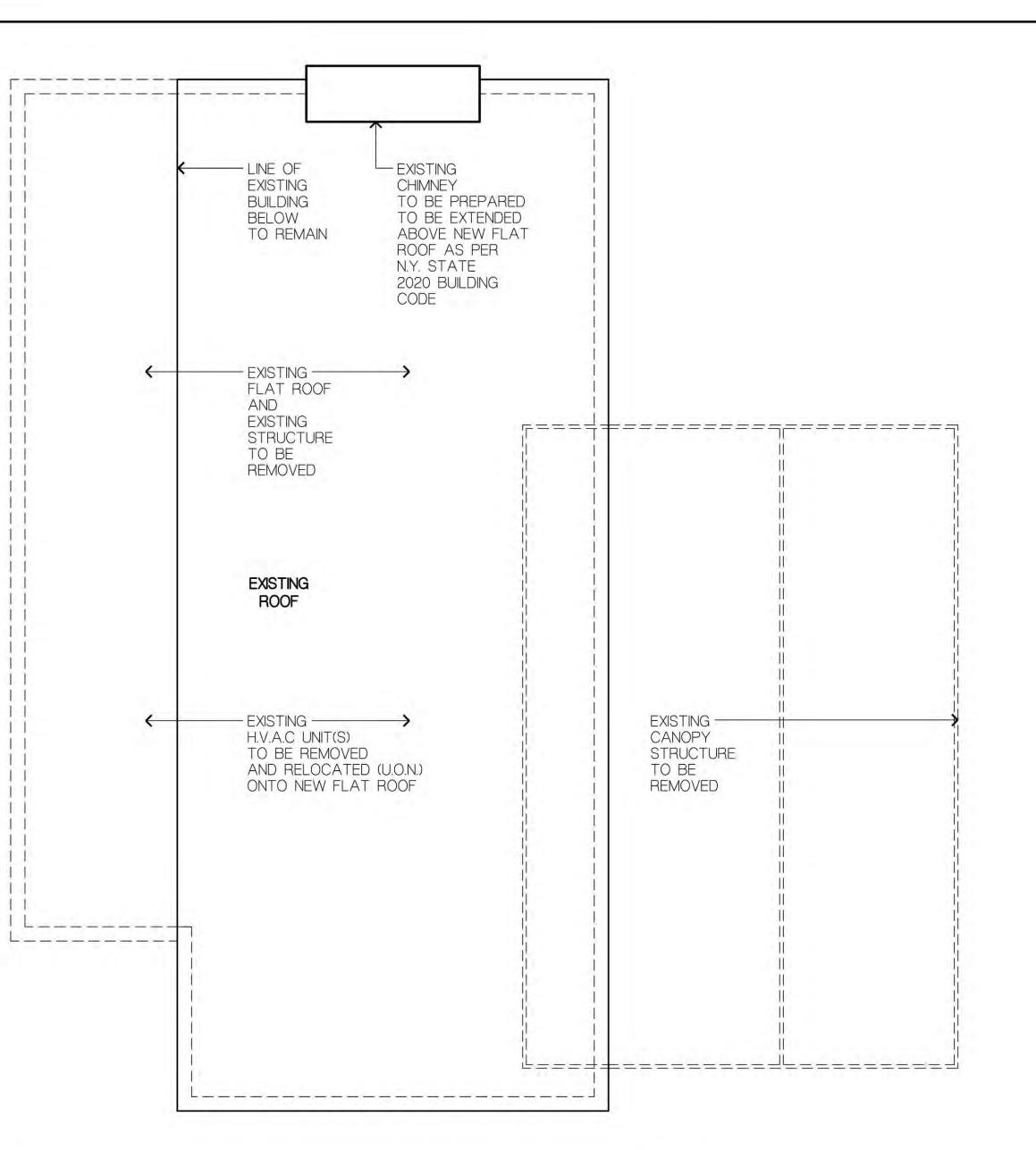












TENNIS HOUSE - ROOF EXISTING/DEMO DEMOLITION PLAN



DEMOLITION PLAN LEGEND:

EXISTING WALL TO BE REMOVED

EXISTING WALL TO REMAIN

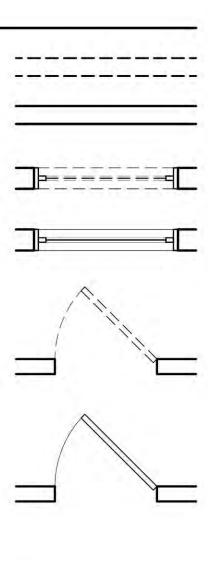
DENOTES EXISTING EXTERIOR WINDOW UNIT TO BE REMOVED

DENOTES EXISTING EXTERIOR WINDOW UNIT

DENOTES EXISTING DOOR, FRAME AND HARDWARE TO BE REMOVED

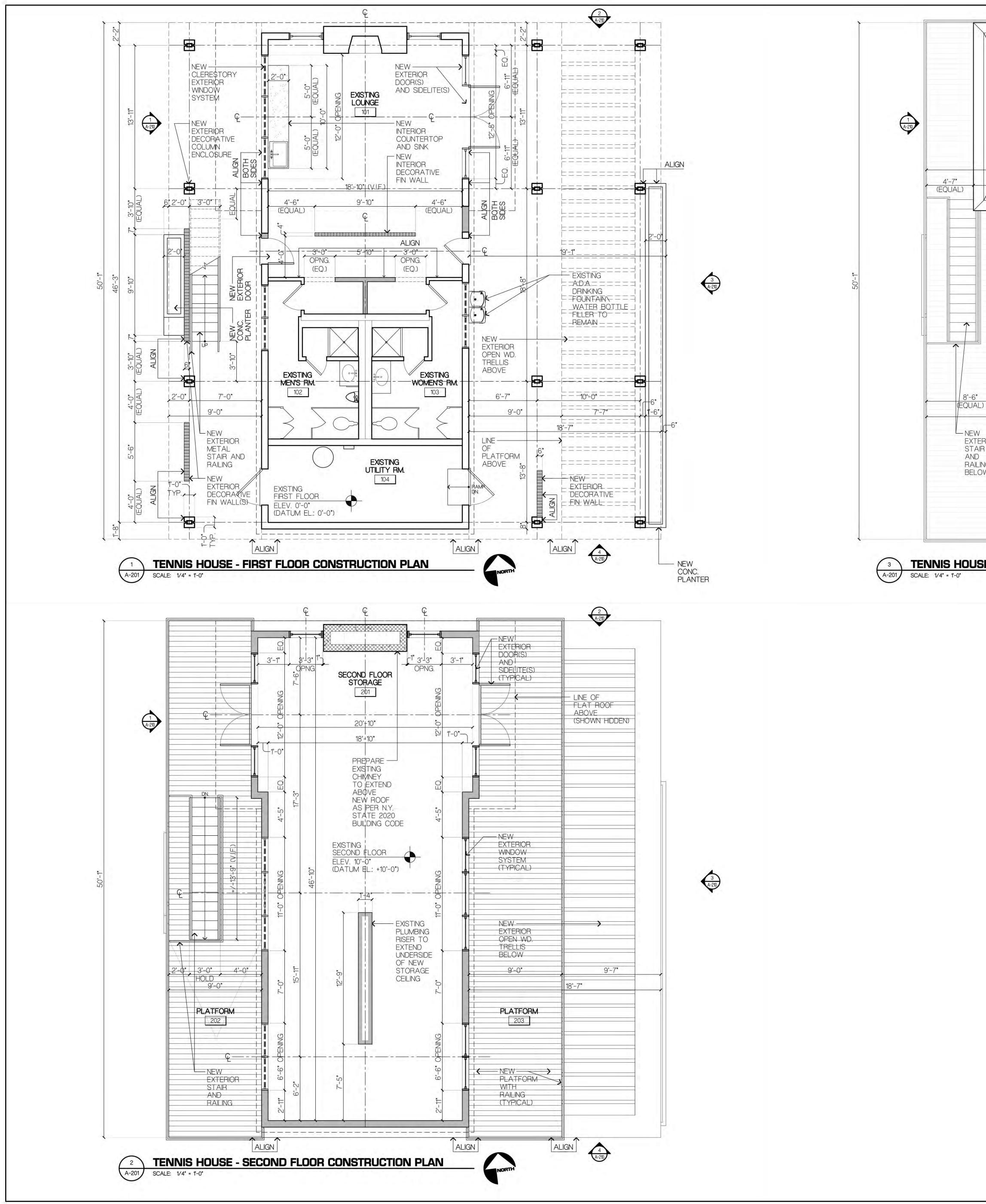
DENOTES EXISTING DOOR, FRAME AND HARDWARE TO REMAIN (U.O.N.)

DENOTES EXISTING METAL CANOPY SUPPORT STRUCTURE TO BE REMOVED





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	G *4	× 1	2 A-210	
	8° 1° 8° 1° 10' -7" 10' -7" 47' -9" 29' -0"	EXTENDED CHIMNEY/CAP ABOVE NEW ROOF RD RD RD HEW FLAT ROOF	$= \frac{\text{LINE} \text{OF}}{\text{BUILDING}}$ $= \frac{\text{BUILDING}}{\text{BELOW}}$ $= \frac{\text{SHOWN HIDDEN}}{(\text{SHOWN HIDDEN})}$ $= \frac{9'-7''}{9'-7''}$	
NEW WOOD FRAMED GRAVEL STOP AT FLAT ROO SYSTEM (TYPICAL)		K K K K K K K K K K K K K K		3 A-210
	1PITCH 21'-1" 47'-9"	NEW - EXTERIOR OPEN WD. TRELLIS BELOW 8'-6" (EQUAL)	9'-7"	
RIOR 3 VG W		LINE OF PLATFORM AND RAILING BELOW (TYPICAL)		
ALIGN BE - ROOF CONSTRU	ICTION PLAN	ALIGN	ALIGN 4 A-210	

CONSTRUCTION LEGEND:

EXISTING INTERIOR/EXTERIOR WALL TO REMAIN NEW INTERIOR/EXTERIOR FRAMED WALL

NEW C.M.U. PARTITION

DENOTES EXISTING DOOR, FRAME AND HARDWARE TO REMAIN (U.O.N.)

DENOTES NEW DOOR, FRAME AND HARDWARE

DENOTES NEW WINDOW SYSTEM

DENOTES NEW CLERESTORY WINDOW SYSTEM

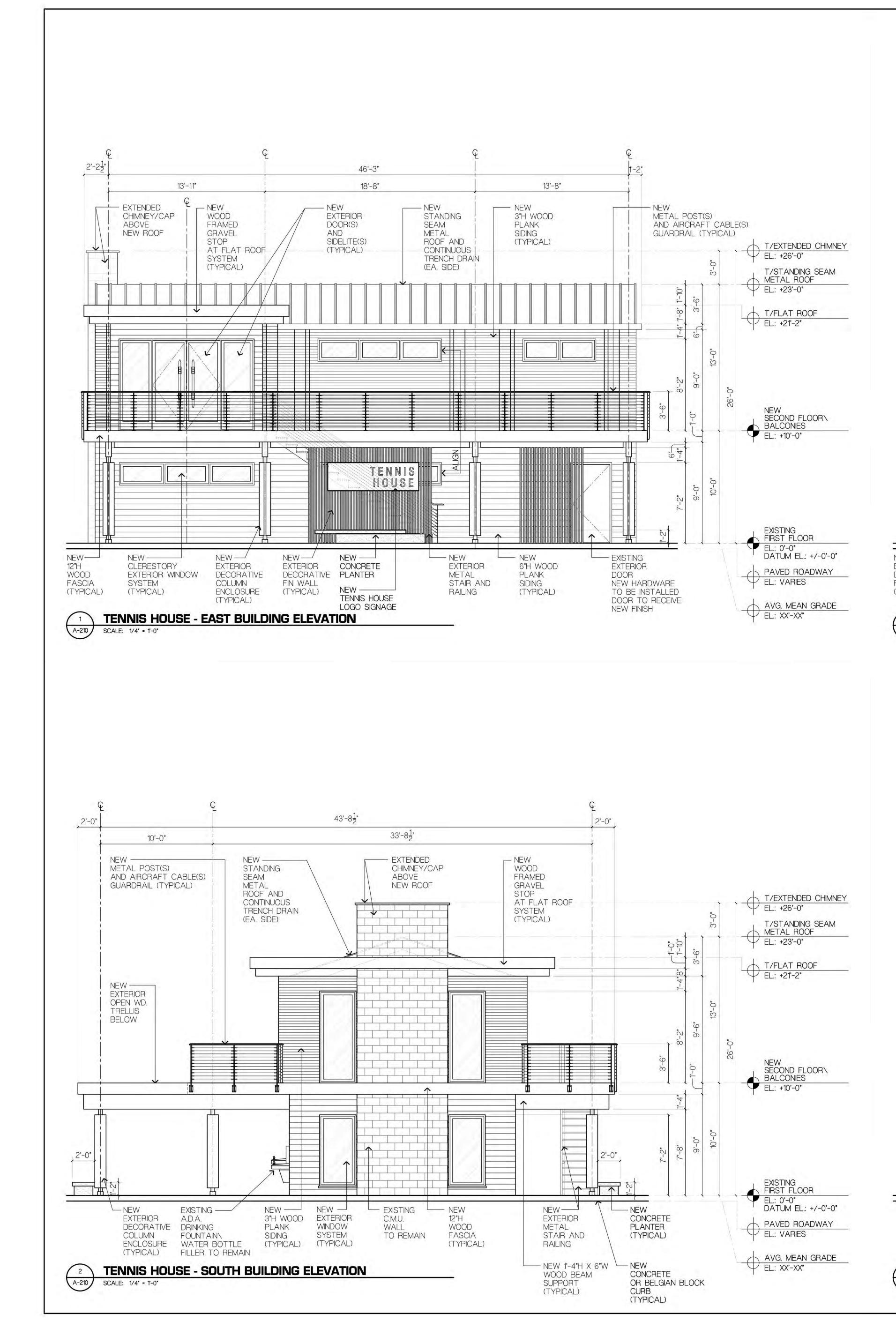
DENOTES NEW STANDING SEAM METAL ROOFING SYSTEM

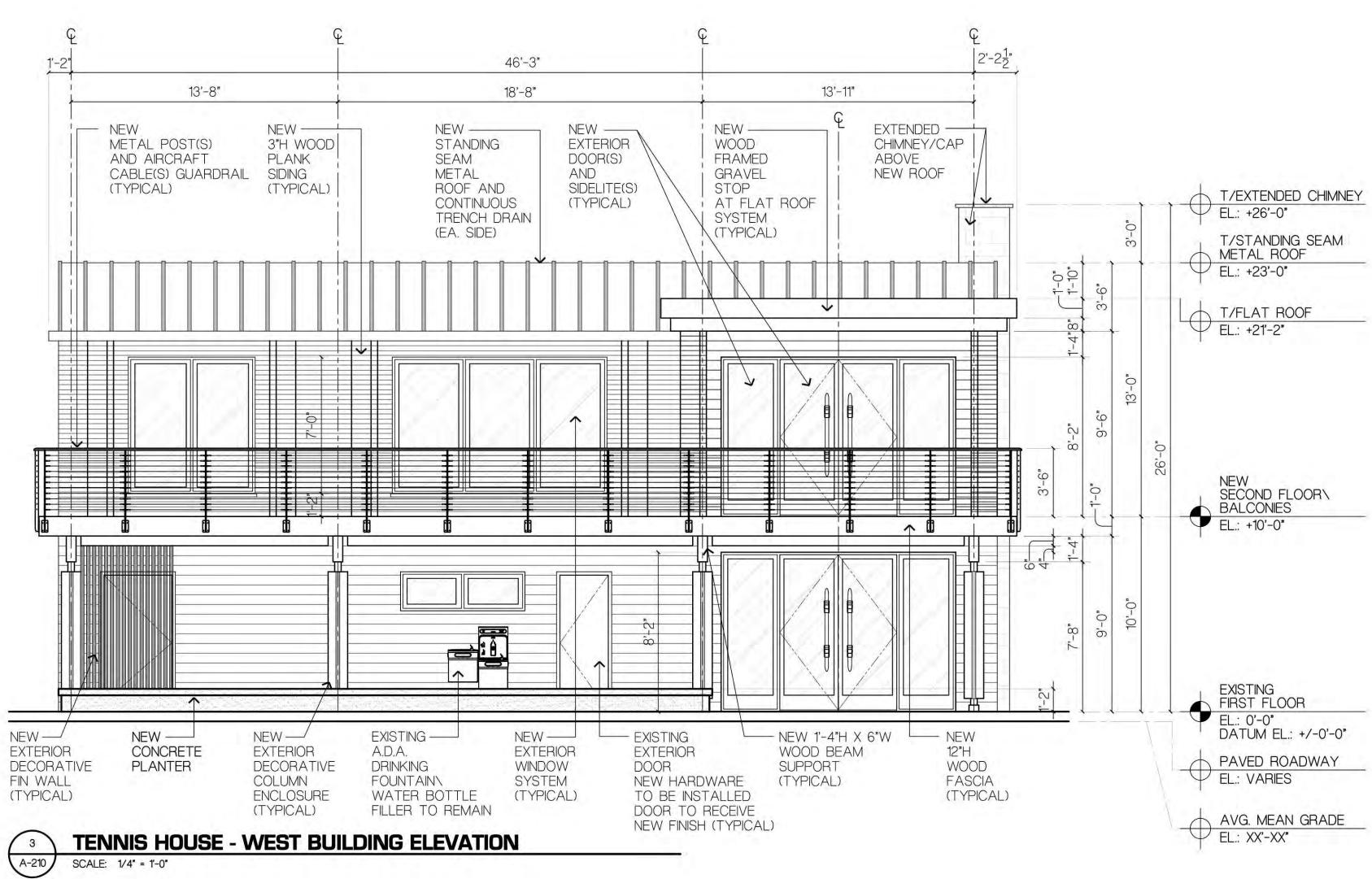
DENOTES CONTINUOUS ROOF TRENCH DRAIN

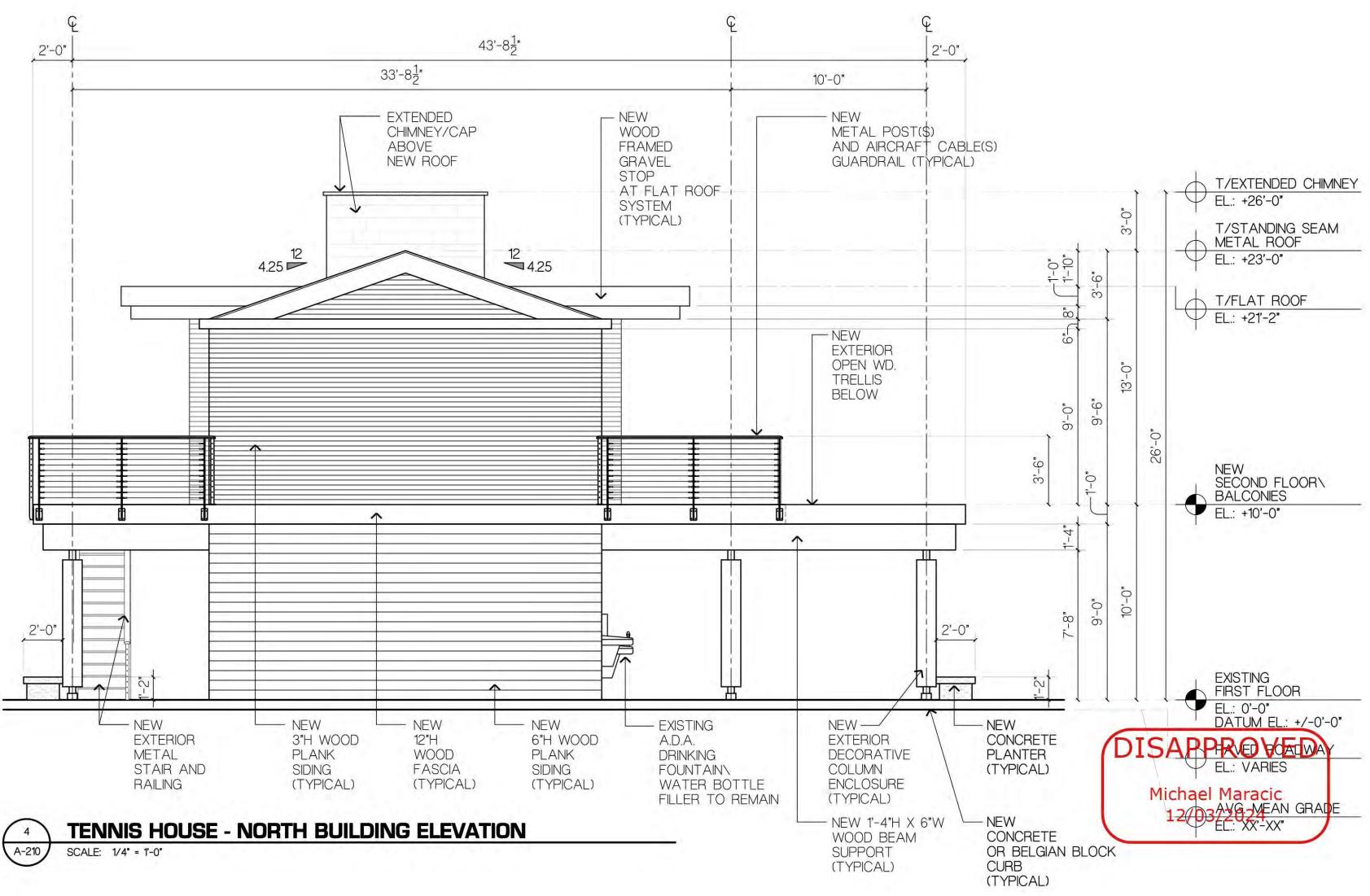
DENOTES NEW WOOD FRAMED TRELLIS

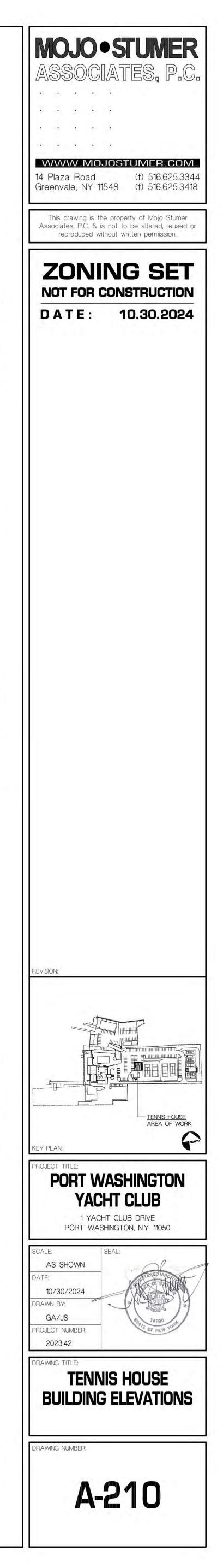


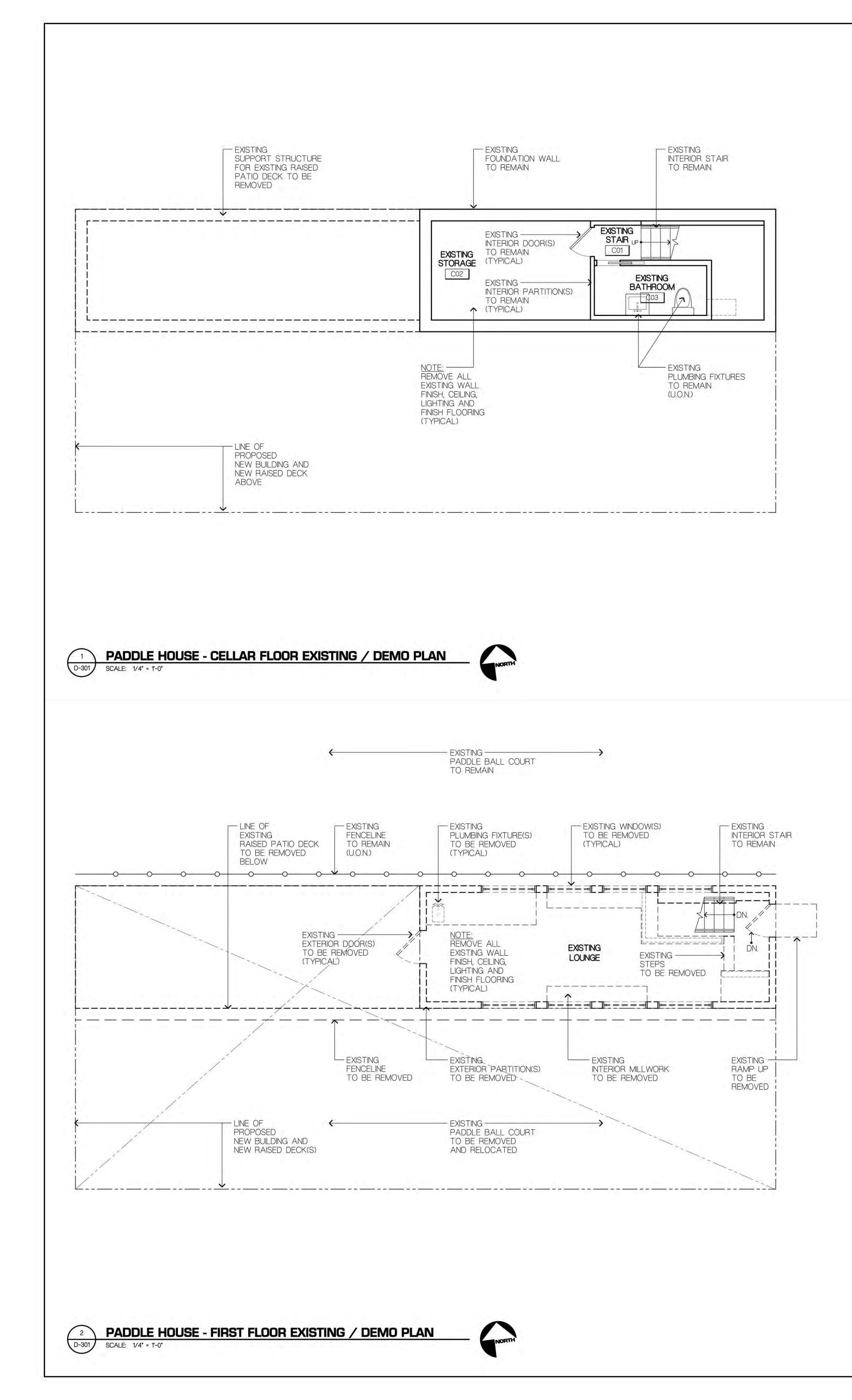
MOJO•STUMER ASSOCIAIES, P.C. WWW.MOJOSTUMER.COM 14 Plaza Road (t) 516.625.3344 Greenvale, NY 11548 (f) 516.625.3418 This drawing is the property of Mojo Stumer Associates, P.C. & is not to be altered, reused or reproduced without written permission. **ZONING SET** NOT FOR CONSTRUCTION DATE: 10.30.2024 TIT -<u>TENNIS HOUSE</u> AREA OF WORK P PORT WASHINGTON **YACHT CLUB** 1 YACHT CLUB DRIVE PORT WASHINGTON, N.Y. 11050 AS SHOWN 10/30/2024 DRAWN BY: GA/JS PROJECT NUMBER: BATE OF NEW YORK 2023.42 **TENNIS HOUSE CONSTRUCTION PLANS** DRAWING NUMBER: A-201

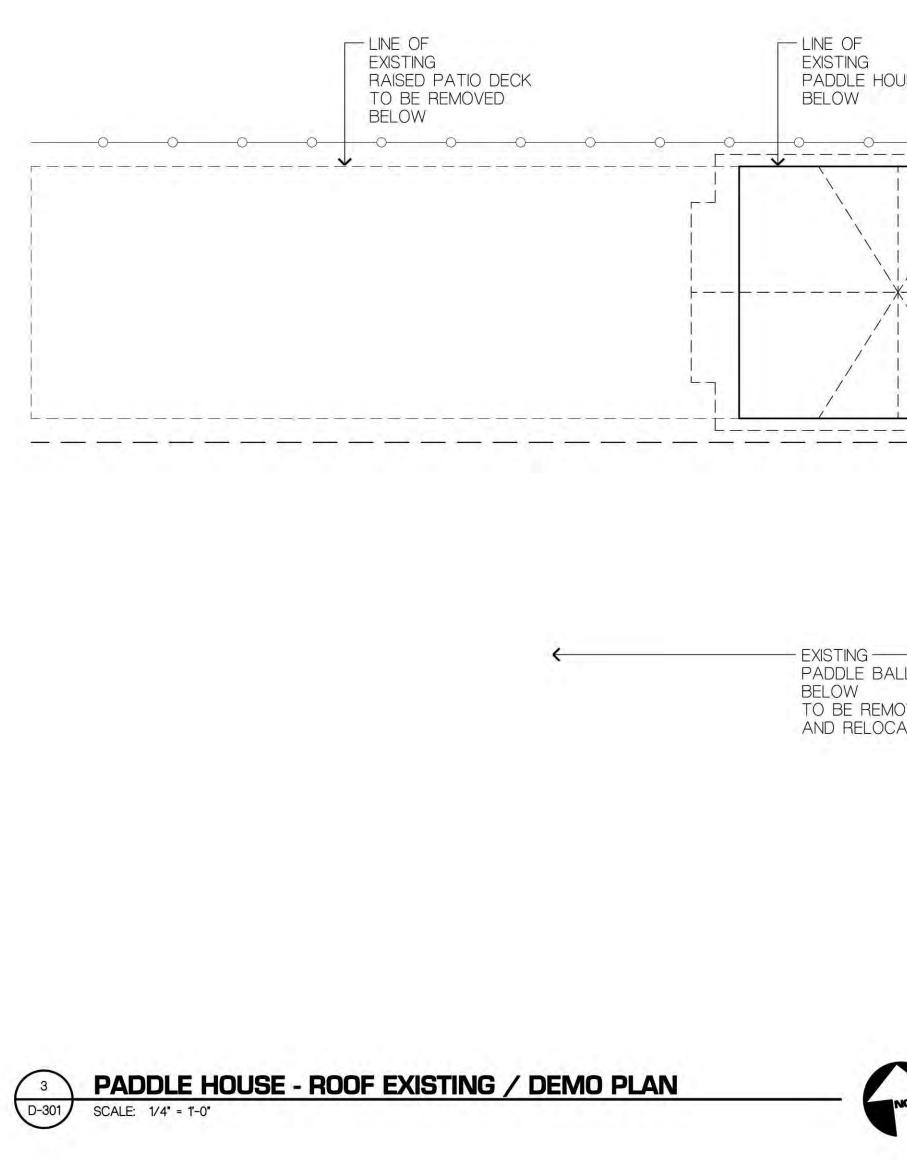


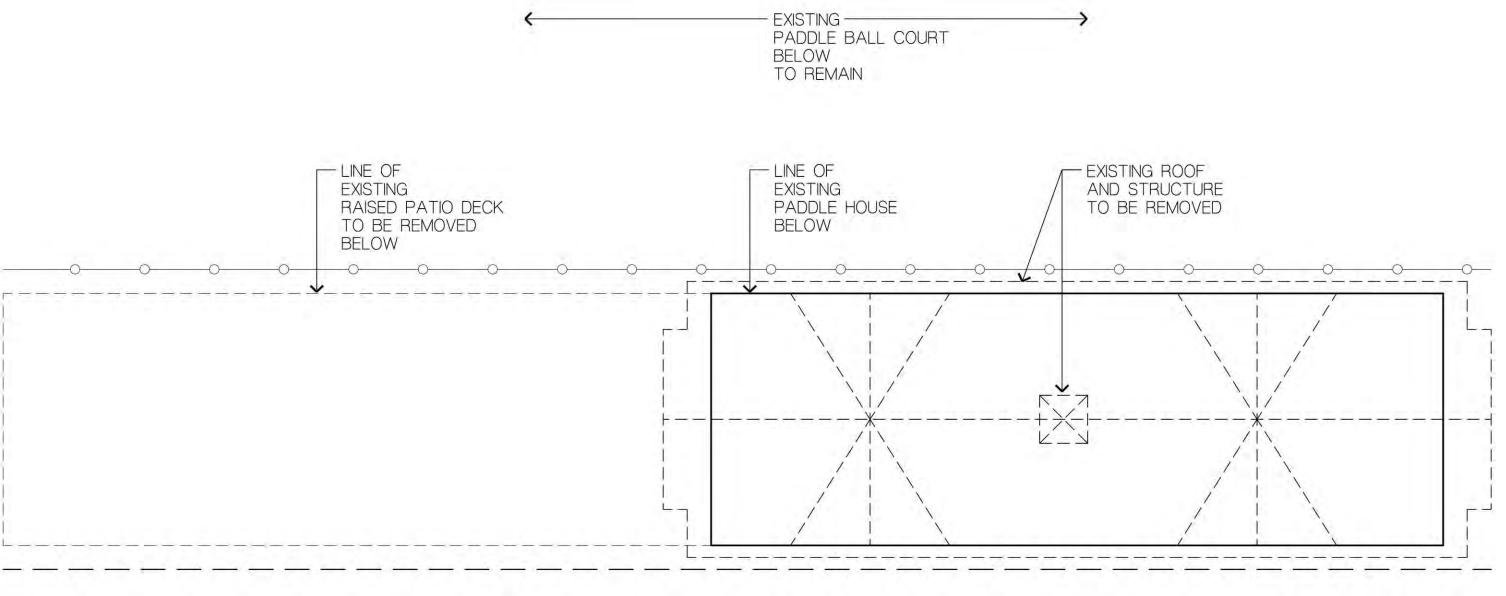












PADDLE BALL COURT BELOW TO BE REMOVED AND RELOCATED

DEMOLITION PLAN LEGEND:

EXISTING WALL TO BE REMOVED EXISTING WALL TO REMAIN

DENOTES EXISTING EXTERIOR WINDOW UNIT TO BE REMOVED DENOTES EXISTING EXTERIOR WINDOW UNIT

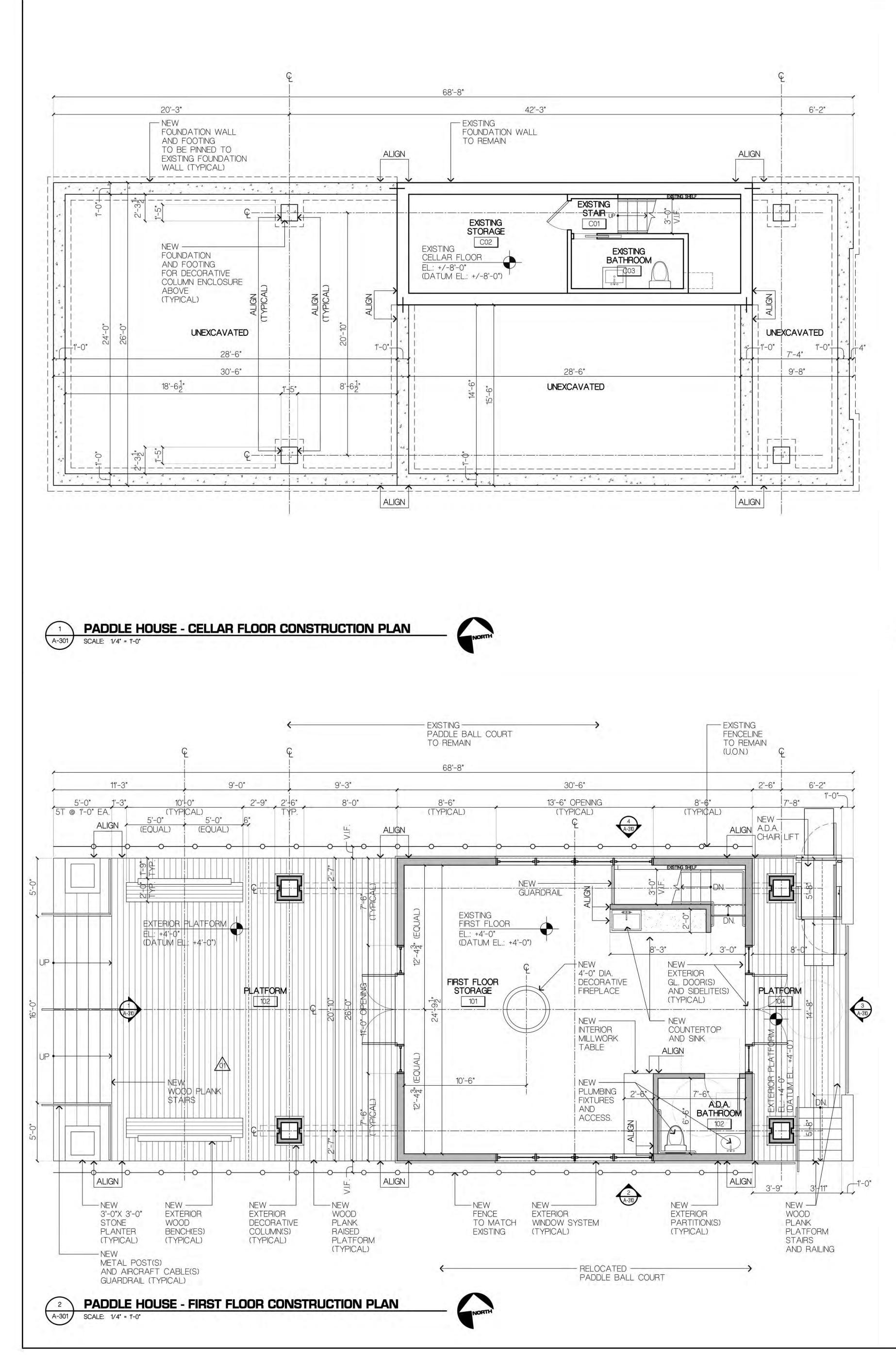
TO REMAIN

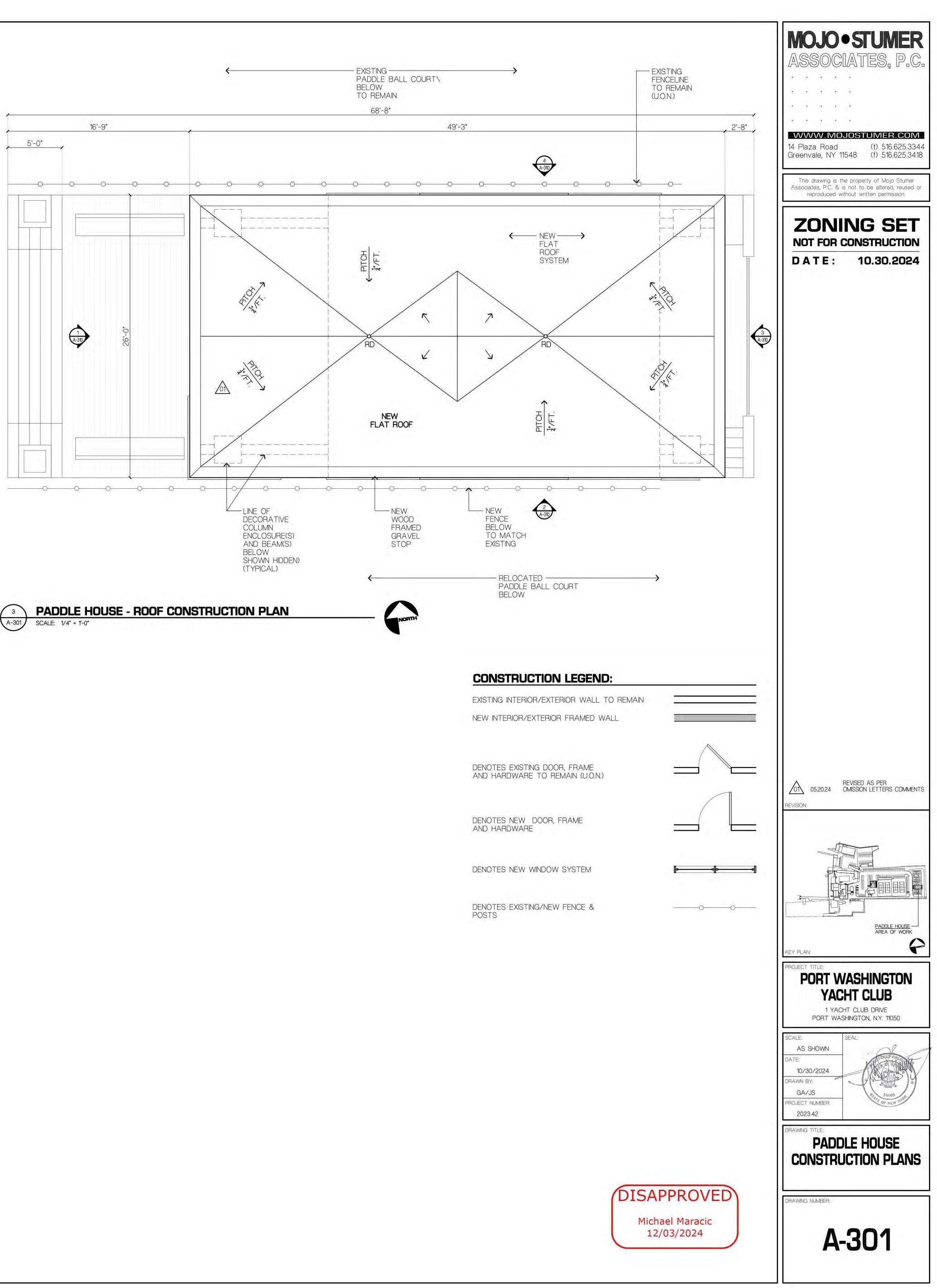
DENOTES EXISTING DOOR, FRAME AND HARDWARE TO BE REMOVED

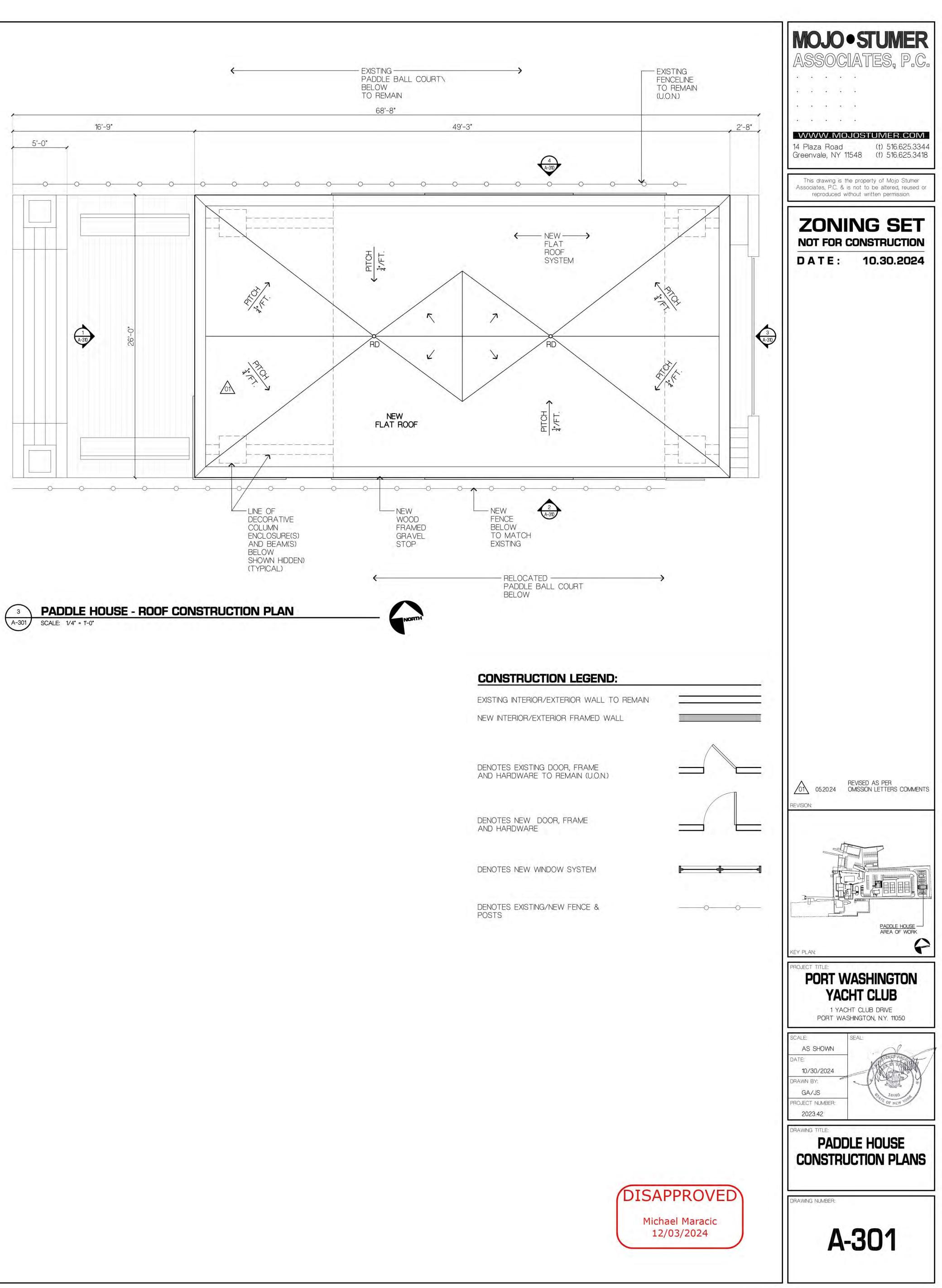
DENOTES EXISTING DOOR, FRAME AND HARDWARE TO REMAIN (U.O.N.)



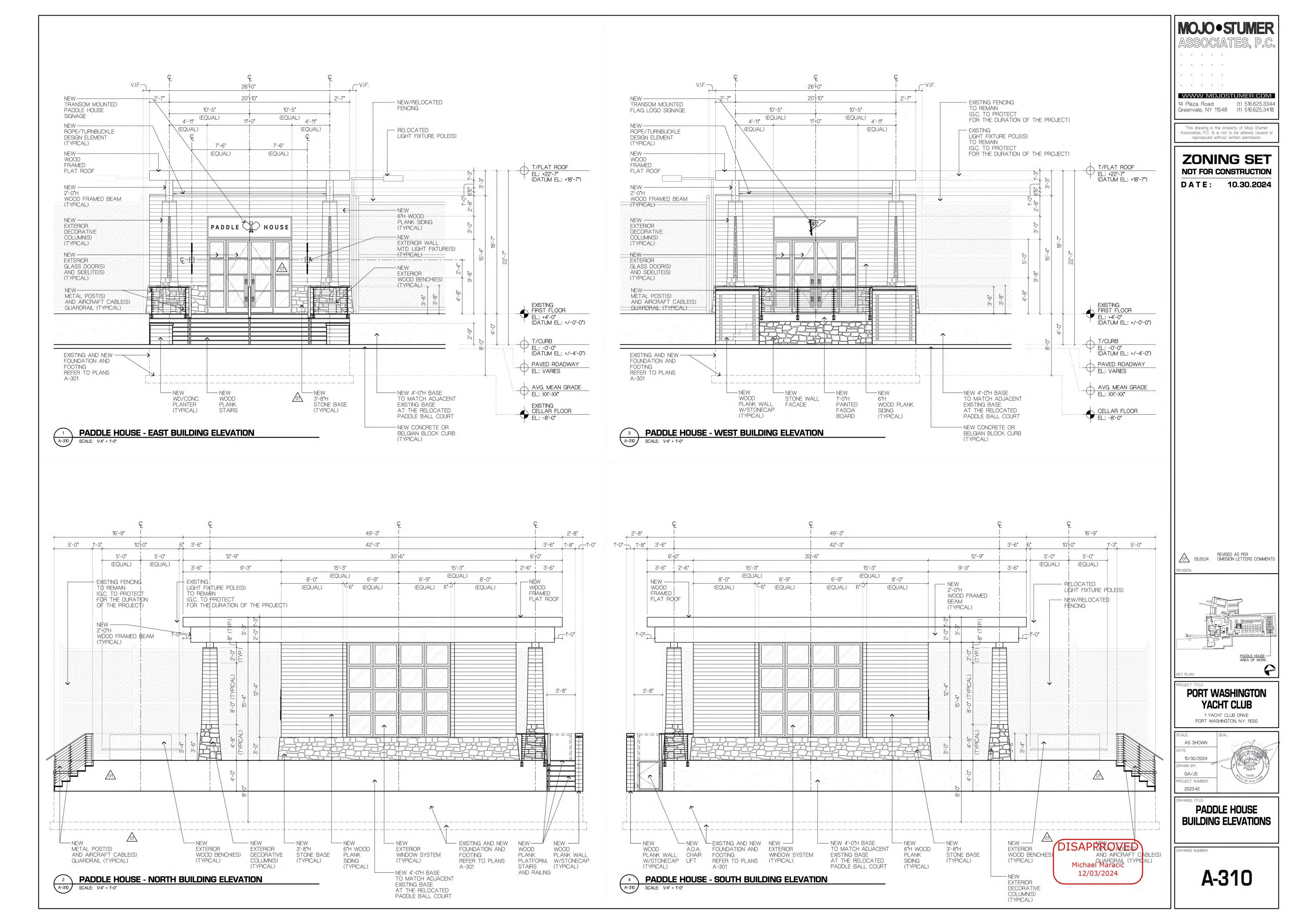
. WWW.MOJOSTUMER.COM 14 Plaza Road (t) 516.625.3344 Greenvale, NY 11548 (f) 516.625.3418 This drawing is the property of Mojo Stumer Associates, P.C. & is not to be altered, reused or reproduced without written permission. **ZONING SET** NOT FOR CONSTRUCTION DATE: 10.30.2024 1 PORT WASHINGTON YACHT CLUB 1 YACHT CLUB DRIVE PORT WASHINGTON, N.Y. 11050 SCALE: AS SHOWN 10/30/2024 DRAWN BY: GA/JS PROJECT NUMBER: 2023.42 AWING TITLE: PADDLE HOUSE EXISTING / DEMOLITION PLANS DRAWING NUMBER: **D-301**











NEW FRONT PORTICO, RETAINING WALLS, & FIRST FLOOR INTERIOR ALTERATIONS

DRAWING INDEX

ARCHITECTURAL

- T-1 TITLE SHEET, PLOT PLAN, ABBREVIATIONS, LEGEND AND NOTES
- N-1 GENERAL NOTES
- N-2 SPECIFICATIONS
- N-3 BUILDING CODE SCHEDULES
- A-1 FOUNDATION PLAN, FIRST FLOOR CONSTRUCTION PLAN, SCHEDULES, NOTES, LEGEND AND DETAILS
- A-2 SECOND FLOOR PLAN, FRONT ELEVATION, BUILDING SECTION, SCHEDULES, NOTES, LEGEND AND DETAILS

ABBREVIATIONS:								
%	PERCENT	FHC	FIRE HOSE CABINET	PR	POWDER ROOM			
₽ @	AND AT	FIN. FIXT	FINISH FIXTURE	PR. PREFAB	PAIR PREFABRICATED			
#	POUND OR NUMBER		FLOOR	PSF PSI	POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH			
A.C.T. ADD'L	ACOUSTICAL CEILING TILE ADDITIONAL	FLUOR FLO.	FLUORESCENT FINISHED OPENING	PT	PAINT			
LDA	ADJACENT OR ADJUSTABLE	FOB FOIC	FACE OF BRICK FURNISHED BY OWNER,	P.T. PTD	PRESSURE TREATED PAINTED			
AFF ALT	ABOVE FINISHED FLOOR ALTERATION OR ALTERNATE	1010	INSTALLED BY					
ALUM	ALUMINUM	FB <i>O</i>	CONTRACTOR FURNISHED BY OTHERS		POLYVINYL CHLORIDE QUARRY TILE			
ANOD. APPROX.	ANODIZE APPROXIMATE	FF	FINISH FLOOR	QTY R	QUALITY RISER			
ARCH ASTM	ARCHITECTURAL AMERICAN SOCIETY FOR	FP FR	FIREPROOFING FIRE RATED OR FIRE RATING	RAD	RADIUS			
	TESTING AND MATERIALS	FT ' F.J.	FOOT OR FEET FLOOR JOISTS	RB R .C.P.	RESILIENT BASE REFLECTED CEILING PLAN			
A-V AVG.	AUDIO-VISUAL AVERAGE	FTG	FOOTING	RD	ROOF DRAIN REFER TO			
BD BET.	BOARD BETWEEN	FURR FUT.	FURRING FUTURE	RE: REBAR	REFER TO REINFORCING BAR			
BLDG	BUILDING	F.Y.	FRONT YARD GAUGE	REC'MD REF.	RECOMMENDED REFERENCE OR			
BLK BLK'G.	BLOCK BLOCKING	GA OR ga. GALV	GAUGE GALVINIZED		REFRIGERATOR			
BLKD	BULKHEAD	GB /GYP. BD G.C.	GYPSUM BOARD GENERAL CONTRACTOR	REINF REP	REINFORCING REPRESENTATIVE			
ВМ В. <i>О</i> .	BEAM BOTTOM OF	GFI	GROUND FAULT INTERRUPTER	REQ'D	REQUIRED			
B/S BSMT	BOTH SIDES BASEMENT	GL GP	GLASS GEORGIA-PACIFIC	REV RM	REVISION ROOM			
E E	CENTERLINE	GYP H.B.	GYPSUM HOSE BIB	R.O. R.R.	ROUGH OPENING ROOF RAFTERS			
CAB.	CABINET	H.C.	HOLLOW CORE	R.Y.	REAR YARD			
CAP. CJ	CAPACITY CONTROL JOINT CEILING JOISTS	HC HDWD	HANDICAPPED HARDWOOD	5 50	SOUTH SOLID CORE			
Ċ.J. CL	CLOSET	HDWR HM	HARDWARE HOLLOW METAL	SCHED.	SCHEDULE OR SCHEDULED			
CLG CLK'G	CEILING CAULKING		(DOORS AND FRAMES)	SCWD S.D.	SOLID CORE WOOD DOOR SMOKE DETECTOR			
CLRG	CLEAR	HORZ. HR	HORIZONTAL HOUR	S.D./C.M.	SMOKE DETECTOR CARBON MONOXIDE COMBO			
CMU COL	CONCRETE MASONRY UNIT COLUMN	HSS	HIGH STRENGTH STEEL	SECT.	SECTION			
CONC	CONCRETE	HGT HVAC	HEIGHT HEATING, VENTILATION AND	SF OR S.F. SHT.	. SQUARE FOOT/FEET SHEET			
CONST. CONT	CONSTRUCTION CONTINUOUS	НМН	AIR CONDITIONING HOT WATER HEATER	SIM	SIMILAR			
CP	CONTROL PANEL	IN OR "	INCH	SPEC SPR	SPECIFICATION SPRINKLER			
CPT CT	CARPET CERAMIC TILE	INCL INSUL	INCLUDED OR INCLUDING INSULATED OR INSULATION	5Q. OR ¢	SQUARE			
CTR CF	CENTER CUBIC FEET	INT	INTERIOR	S.S. ST	STAINLESS STEEL ST <i>O</i> NE			
CY	CUBIC YARDS	JANT. JT	JANITOR JOINT	STD STL	STANDARD STEEL			
D DGG	CLOTHES DRYER DENSGLASS GOLD FIREGUARD		LINEN LABORATORY	STOR.	STORAGE			
DEG.	DEGREE	LAM	LAMINATE	STRUCT SUSP.	STRUCTURAL SUSPENDED			
DEMO D.F.	DEMOLITION DRINKING FOUNTAIN	LAV LB(S)	LAVATORY POUND(S)	SV	SHEET VINYL			
DIAG.	DIAGONAL DIAMETER	LIN	LINEAR OR LINEAL	S.Y. T	SIDE YARD TREAD			
DIFF	DIFFERENCE OR DIFFERENTIAL	LT MAS	LIGHT MASONRY	TBD	TO BE DETERMINED			
DIM	DIMENSION OF DIMMER (LIGHTING)	MAX	MAXIMUM	TEL Temp	TELEPHONE TEMPERATURE OR TEMPORARY			
DN DR	DOWN DOOR	MECH MED.	MECHANICAL MEDIUM	TER T & G	TERRAZZO TONGUE & GROOVE			
DTL DW	DETAIL DISHWASHER	MEZZ		THK	THICK			
DWG(S)	DRAWING(S)	MDF MFD	MEDIUM DENSITY FIBERBOARD MANUFACTURED	Т. <i>О.</i> Т <i>ОС</i>	TOP OF TOP OF CONCRETE			
E EA	EAST EACH	MFG	MANUFACTURING	TOS	TOP OF STEEL			
EIFS	EXTERIOR INSULATION & FINISH SYSTEM	MFR MH	MANUFACTURER MANHOLE	TYP UL	TYPICAL UNDERWRITER'S			
EJ EL	EXPANSION JOINT ELEVATION	MILL MIN	MILLWORK MINIMUM	U.O.N.	LABORATORIES INC. UNLESS OTHERWISE NOTED			
ELEC	ELECTRIC OR ELECTRICAL	MISC	MISCELLANEOUS	USG	UNITED STATES GYPSUM CORP.			
EMER. ENCL	EMERGENCY ENCLOSURE	MM M. <i>O</i> .	MILLIMETER MASONRY OPENING	VB VCT	VAPOR BARRIER VINYL COMPOSTION TILE			
EP	ELECTRIC PANEL	MTL	METAL	VERT	VERTICAL			
ELEV ENG.	ELEVATOR ENGINEER	N NAT	NORTH NATURAL		VESTIBULE VERIFY IN FIELD			
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	NDL	NO DOLLAR LIMIT	VOL	VOLUME VINYL WALL COVERING			
	(SYNTHETIC RUBBER)	NIC NO. OR No.	NOT IN CONTRACT NUMBER	М	CLOTHES WASHER OR WEST			
EPT EQ	EPOXY PAINT EQUAL	NOM	NOMINAL	W/ WC	WITH WATER CLOSET OR			
EQUIP.	EQUIPMENT	NTS 0.C. OR 0.C.	NOT TO SCALE ON CENTER	М	WALLCOVERING			
EST E.W.C.	ESTIMATED ELECTRIC WATER COOLER	ОСС О.D.	OCCUPANT OUTSIDE DIAMETER	WD W/D	WOOD STACKED WASHER/DRYER			
EXIST EXP	EXISTING EXPOSED	0/H OR OVHD OPN'G(S)	OVERHEAD OPENING(S)	WDW WIC	WINDOW WALK-IN CLOSET			
EXP. JT.	EXPANSION JOINT	OPP	OPPOSITE	W/O	WITHOUT			
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F.A.R. FD	FLOOR AREA RATIO FLOOR DRAIN	PERF.	PERFORATED	WR WT.	WATER RESISTANT WEIGHT			
FDN	FOUNDATION	PL PLAM	PLASTER PLASTIC LAMINATE	WWF	WELDED WIRE FABRIC			
FE F.E.C.	FIRE EXIT FIRE EXTINGUISHER CABINET	PLYWD P <i>O</i> L	PLYWOOD POLISHED	WWM YR	WOVEN WIRE MESH YEAR			
FFD	FUNNEL FLOOR DRAIN	POLY	POLYETHYLENE OR					
FH	FIRE HYDRANT		POLYURETHANE					

APPLICAE	
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<u>SYMBOLS</u>)
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SCHIFF RESIDENCE

21 BEVERLY ROAD, PORT WASHINGTON, NY 11050



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CONSERVATION MPLIANCE:

ATTACHED SEPARATE \mathcal{B}_2^{\perp} XII" RES PORT FOR COMPLIANCE WITH THIS

LEGEND:

DENOTES ALIGNMENT OF INDICATED SURFACES

-DETAIL REFERENCE NUMBER -DRAWING REFERENCE NUMBER

BREAK MARK

INDICATES NEW WINDOW (U.O.N.)

INDICATES NEW DOOR (U.O.N.)

REVISION TAG

SMOKE DETECTOR

SMOKE DETECTOR/ CARBON MONOXIDE COMBO

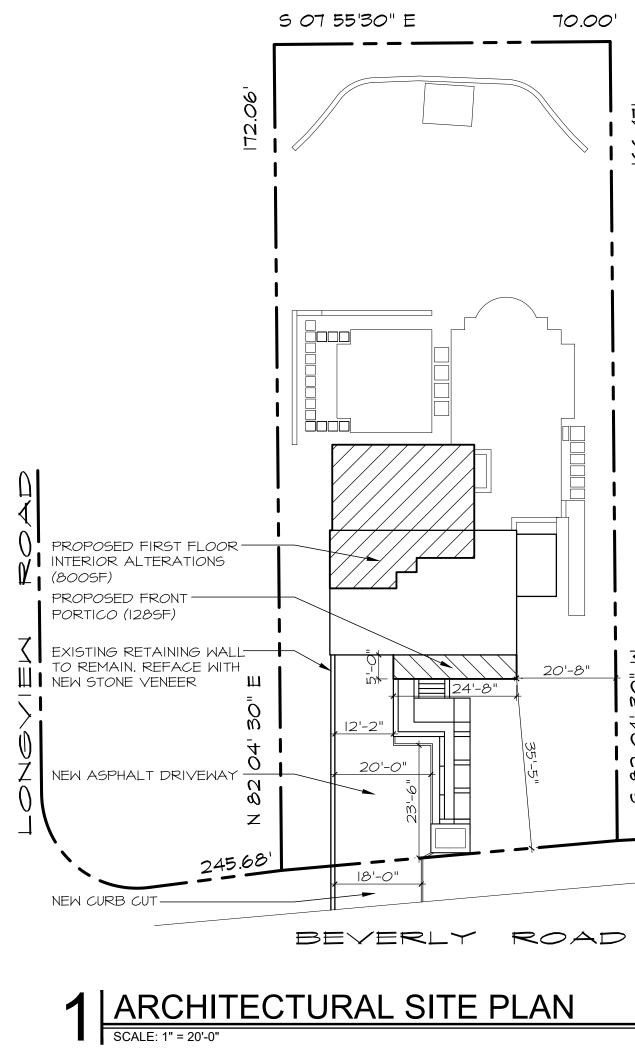


	TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA												
GROUND		WIND DESIGN				SUBJECT	TO DAMAGE F	ROM	WINTER	ICE BARRIER		AIR	MEAN
	SPEED (MPH)	TOPOGRAPHIC EFFECTS	SPECIAL WIND REGION	WIND BORNE DEBRIS m ZONE	SEISMIC DESIGN CATEGORŶ	WEATHERING	FROST LINE DEPTH	TERMITÉ	DESIGN TEMP	UNDERLAYMENT REQUIRED	T FLOOD HAZARDS	FREEZING INDEX	ANNUAL TEMP
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ARCHITECTUR	E & DESIGN
75 ALBERTSO ALBERTSON, PHONE: 631- E-MAIL: Peter@PAC- WEBSITE: PAC-Ar	N.Y. 11507 921-8105 Architecture.com
REVISIONS:	
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IT IS A VIOLATION OF T PERSON, UNLESS AC DIRECTION OF A LICENS ALTER AN ITEM IN ANY WA THE SEAL OF AN ARCHIT ALTERING ARCHITECT SH, THE SEAL AND THE NOT, FOLLOWED BY HIS SIGNA OF SUCH ALTERATION DESCRIPTION OF TH	TING UNDER THE SED ARCHITECT, TO Y. IF AN ITEM BEARING ECT IS ALTERED, THE ALL AFFIX TO HIS ITEM ATION "ALTERED BY" TURE AND THE DATE N, AND A SPECIFIC
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GENERAL NOTES:

I. CONTRACTUAL OBLIGATION:

THE GC SHALL ABIDE BY AND BE RESPONSIBLE FOR ALL REQUIREMENTS STATED IN THE AIA DOCUMENT A201 - GENERAL CONDITIONS (CURRENT ISSUE), UNLESS NOTED OTHERWISE.

THE GC SHALL PROVIDE ALL LABOR, MATERIAL, EQUIPMENT, TOOLS, UTILITIES, INSURANCE, TRANSPORTATION, AND PAY FOR ALL REQUIRED TAXES, PERMITS, AND SERVICES REQUIRED TO COMPLETE THE ENTIRE SCOPE OF WORK, WHETHER TEMPORARY OR PERMANENT, ALL MATERIALS EXCEPT TEMPORARY FORMS ARE TO BE NEW, UNUSED AND OF THE SPECIFIED QUALITY. THE GC SHALL MAINTAIN THE PROJECT SITE IN A CLEAN AND ORDERLY FASHION. TOOLS AND EQUIPMENT SHALL BE SECURED, AND ALL DEBRIS SHALL BE REMOVED DAILY. THE GC SHALL MAINTAIN A VISITORS LOG. ALL VISITORS SHALL BE REQUIRED TO SIGN SUCH LOG. DATES AND TIMES OF ENTERING AND EXITING THE SITE FOR ALL VISITORS SHALL BE NOTED. GC TO SECURE PROJECT SITE FROM UNAUTHORIZED ENTRY AT ALL TIMES. COORDINATE LOCATION OF BARRICADES OR TEMPORARY FENCING WITH THE DOCUMENTS AND OWNER. THESE DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY, SAFETY, CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION, AND COMPLIANCE WITH STATE AND FEDERAL REGULATIONS. SAFETY IS, AND SHALL BE, THE CONTRACTORS RESPONSIBILITY. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THE PREMISES FROM DIRT OR DAMAGE, DURING AND UNTIL COMPLETION AND FINAL ACCEPTANCE OF THE PROJECT. ALL ITEMS REMOVED FROM THE PROJECT SITE DURING THE CONSTRUCTION SHALL REMAIN THE PROPERTY OF THE OWNER EXCEPT THE DEBRIS THAT SHALL BE REMOVED FROM THE PROJECT SITE AND LEGALLY DISPOSED OF ON A DAILY BASIS. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL WORK INCLUDING SITE / CIVIL, UTILITIES, MECHANICAL, ELECTRICAL AND PLUMBING TRADES. THE GC SHALL PHOTOGRAPH THE PROJECT SITE AND EXISTING CONDITIONS PRIOR TO THE BEGINNING OF THE WORK. PHOTOGRAPHS SHALL BE TAKEN OF THE PROGRESS OF THE WORK AT INTERVALS NO GREATER THAN 7 CALENDAR DAYS. PHOTOGRAPHS SHALL BE IN COLOR AND IDENTIFIED BY DATE AND TIME OF DAY. MAINTAIN DIGITAL PHOTOGRAPH FILE ON DELIVER COMPLETED FILE TO THE ARCHITECT UPON RECEIPT OF USE AND OCCUPANCY PERMIT. THE GC SHALL MAINTAIN AN ON SITE STAGING AREA AND SHALL KEEP THE AGENCY APPROVED CONSTRUCTION DOCUMENTS, ALL LICENSING INFORMATION. VISITORS LOG, PHOTOGRAPH FILE, AND AT LEAST ONE SET OF REPRODUCIBLE CONSTRUCTION DOCUMENTS, TO BE MARKED CONCURRENTLY WITH THE CONSTRUCTION, TO RECORD ACTUAL CONDITIONS OF THE CONSTRUCTION AND DEVICE INSTALLATIONS. DELIVER COMPLETED REPRODUCIBLE RECORD SET TO THE ARCHITECT UPON COMPLETION OF THE PROJECT. GC TO REMOVE AND DISPOSE OF ALL WASTE AND DEBRIS FROM PROJECT SITE IN A LEGAL MANNER. UPON

COMPLETION OF THE WORK, PROVIDE PROFESSIONAL CLEANING SERVICE TO CLEAN THE PROJECT SITE, INTERIOR AND EXTERIOR, FOR FINAL OCCUPANCY.

3. GRAPHICS:

EXISTING CONSTRUCTION (PARTITIONS, DOORS, PLUMBING FIXTURES, CASEWORK, EQUIPMENT, ETC.) IS INDICATED ON THE FLOOR PLANS, WITH LINES IN A LIGHTER SHADE (SCREENED). NEW CONSTRUCTION IS INDICATED BY FULL INTENSITY (POCHED) ITEMS TO BE DEMOLISHED ARE INDICATED IN LIGHT FINELY DASHED LINES.

4. INTERPRETATION:

THE ARCHITECT IS SOLELY RESPONSIBLE FOR THE DESIGN INTERPRETATION OF THE CONSTRUCTION DOCUMENTS.

5. DOCUMENT DISCREPANCIES:

IF THERE IS A DISCREPANCY ON THE CONTRACT DOCUMENTS. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY SO THAT THE DISCREPANCIES CAN BE RESOLVED. WHENEVER THERE ARE DISCREPANCIES IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL BASE HIS BID UPON THE BETTER QUALITY OR GREATER QUANTITY OF THE MATERIAL OR WORK DESCRIBED.

6. DRAWING SCALE:

THE CONTRACTOR SHALL NOT SCALE DRAWINGS. WRITTEN DIMENSIONS CONFIRMED BY FIELD CONDITIONS TAKE PRECEDENCE. IF A DISCREPANCY ARISES BASED ON FIELD CONDITIONS, CONSULT WITH ARCHITECT BEFORE PROCEEDING WITH WORK OR ORDERING MATERIALS.

7. FIELD CONDITIONS:

THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS, CONDITIONS, AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ACTIVITIES. ERRORS, INCONSISTENCIES, OR OMISSIONS DISCOVERED SHALL BE REPORTED TO THE ARCHITECT AT ONCE. NO ALLOWANCE WILL BE MADE ON BEHALF OF THE CONTRACTOR OR SUBCONTRACTORS FOR FAILURE TO VISIT THE SITE.

8. CONSTRUCTION MEANS ... PROCEDURES:

THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF WORK UNDER THE CONTRACT, UNLESS CONTRACT DOCUMENTS GIVE OTHER SPECIFIC INSTRUCTIONS CONCERNING THESE MATTERS. ANY WORK THAT MUST BE REMOVED OR RELOCATED DUE TO LACK OF COORDINATION OF THE TRADES IS SOLELY THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL MAINTAIN A SECURE SITE THROUGHOUT THE CONSTRUCTION PROCESS.

9. BUILDING SYSTEMS:

THE GC SHALL COORDINATE THE LOCATION AND INSTALLATION OF ALL BUILDING SYSTEMS AND EQUIPMENT. THE GC SHALL COORDINATE ALL BUILDING TRADES TO ASSURE ALL REQUIRED CLEARANCES FOR OPERATION AND MAINTENANCE OF ALL EQUIPMENT AND SYSTEMS AS REQUIRED BY CODE, THESE DOCUMENTS, OR MANUFACTURER'S RECOMMENDATIONS ARE MET OR EXCEEDED. LACK OF SPECIFIC DETAILS SHALL NOT BE AN EXCUSE FOR IMPROPER INSTALLATION OF ANY MATERIAL, DEVICE, OR SYSTEM. WHERE DETAILS ARE NOT PROVIDED, THE GC SHALL REFER TO THE PRINTED MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION GUIDLINES. ALL INSTALLED SYSTEMS AND DEVICES ARE TO OPERATE QUIETLY AND WITHOUT EXCESSIVE VIBRATION. THIS INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING SYSTEMS; MECHANICAL, ELECTRICAL, LIGHTING, PLUMBING, AND TELEPHONE EQUIPMENT.

IO. CLEARANCES:

THE CONTRACTOR SHALL COORDINATE WITH ALL BUILDING TRADES INVOLVED IN THE PROJECT FOR PREPARATION OF COMPOSITE SHOP DRAWINGS FOR EACH FLOOR TO INSURE PROPER CLEARANCES FOR FIXTURES, DUCTS, CEILINGS, ETC, WHILE MAINTAINING THE SPECIFIED CEILING HEIGHTS NOTED ON THE DRAWINGS. CLARIFY ANY CONFLICTS WITH ARCHITECT.

II. LOCATIONS:

ELECTRICAL PANELS, TELEPHONE EQUIPMENT, FIRE EXTINGUISHERS, FIRE PULLS, LIGHTS/HORNS, SMOKE DETECTORS, THERMOSTATS, ETC, SHALL BE LOCATED IN ACCORDANCE WITH REQUIREMENTS OF GOVERNING AGENCIES. ANY LOCATION NOT SPECIFICALLY SHOWN SHALL BE VERIFIED WITH ARCHITECT PRIOR TO ROUGH-OUT AND INSTALLATION. UNLESS OTHERWISE NOTED, THE ABOVE PANELS AND/OR EQUIPMENT SHALL BE FULLY RECESSED & SHALL MAINTAIN THE INTEGRITY OF WALL FIRE RATING REQUIREMENTS.

12. GOVERNING AGENCIES:

THE GC AND ALL OF HIS FORCES SHALL COMPLY WITH ALL REGULATIONS BY ANY GOVERNING AGENCY WITH JURISDICTION OVER THE PROJECT OR PROJECT SITE. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE 2020 NYS BUILDING CODE, FIRE CODE, PLUMBING CODE, MECHANICAL CODE, ENERGY CONSERVATION CODE AND ALL LOCAL CODES AND ORDINANCES (INCLUDING NYS SUPPLEMENTS) AND WITH THE RULES AND REGULATIONS OF ALL LOCAL AGENCIES, DEPARTMENTS OR LAWS HAVING JURISDICTION OVER ANY PORTION OR SPECIFIC PHASE OF THE WORK. THE CONTRACTOR SHALL COORDINATE THE WORK WITH PUBLIC UTILITY COMPANIES HAVING JURISDICTION.

13. PERMITS/INSPECTIONS:

UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SECURE AND PAY FOR

THE BUILDING PERMIT AND OTHER PERMITS AND GOVERNMENTAL FEES, LICENSES AND INSPECTIONS NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE PROJECT. CONTRACTOR SHALL COMPLY WITH AND GIVE NOTICES REQUIRED BY LAWS,

ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON PERFORMANCE OF THE WORK. APPROVED BUILDING

DEPARTMENT DRAWINGS SHALL BE MAINTAINED AT THE SITE, THE CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DRAWINGS AT THE PROJECT SITE DURING ALL PHASES OF CONSTRUCTION FOR USE BY ALL RELATED TRADES. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL OBTAIN A USE AND OCCUPANCY PERMIT AS REQUIRED FROM THE GOVERNING CODES. SUBMIT ONE COPY OF THE PERMIT TO THE OWNER WITH FINAL APPLICATION OF PAYMENT.

14. LIFESAFETY TESTING:

THE GC SHALL PROVIDE THE OWNER AND THE LOCAL FIRE DEPARTMENT WRITTEN NOTICE 96 HOURS IN ADVANCE OF ANY LIFE SAFETY SYSTEM SHUT DOWN OR TESTING. THE GC SHALL TELEPHONE THE FIRE DEPARTMENT IMMEDIATELY PRIOR TO SUCH TESTING OR SHUT DOWN TO INFORM THEM OF THE EXACT TIME OF THE ANTICIPATED ALARM CONDITION. THE GC SHALL NOTIFY THE FIRE DEPARTMENT IMMEDIATELY UPON COMPLETION OF THE TEST OR SHUT DOWN TO RE-ESTABLISH EMERGENCY RESPONSE TO ALARM CONDITIONS.

15. DOORS:

UNDERCUTTING OF DOORS SHALL BE DONE IN ACCORDANCE WITH NFPA 80 (CURRENT ISSUE) TABLE I-II.4.

16. BLOCKING:

PROVIDE BLOCKING IN PARTITIONS BEHIND ALL WALL HUNG OR WALL MOUNTED EQUIPMENT, MILLWORK, SHELVING, OR OTHER DEVICES.

17. TOXIC MATERIAL:

IN THE EVENT THE CONTRACTOR ENCOUNTERS ON THE SITE MATERIAL REASONABLY BELIEVED TO BE ASBESTOS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC MATERIAL, WHICH HAS NOT BEEN RENDERED HARMLESS, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED, SEAL OFF THE PERIMETER, AND REPORT THE CONDITION TO THE OWNER AND ARCHITECT IN WRITING. NO NEW BUILDING MATERIAL SHALL CONTAIN ASBESTOS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC MATERIAL AS DEFINED BY STATE AND FEDERAL REGULATORY AGENCIES.

18. PARTITIONS: PARTITIONS EXTENDING TO THE STRUCTURE ABOVE SHALL BE TIGHTLY SEALED. THE INTEGRITY OF RATED ASSEMBLIES AND SMOKE BARRIERS SHALL BE MAINTAINED AT CORNERS AND INTERSECTIONS OF LOWER PRIORITY PARTITIONS. ALL HORIZONTAL AND VERTICAL FIRE AND/OR SMOKE BARRIERS, INCLUDING ALL FLOOR STRUCTURES, SHALL BE CONTINUOUS FROM OUTSIDE WALL TO OUTSIDE WALL, FROM ONE BARRIER TO ANOTHER, OR COMBINATION THEREOF. BARRIERS MUST BE CONTINUOUS THROUGH CONCEALED SPACES AND INTERSTITIAL SPACES. SEAL COMPLETELY ALL OPENINGS WITH UL (OR OTHER TESTING AGENCY) APPROVED ASSEMBLIES WHERE FIRE BARRIERS ARE PENETRATED OR ABUT OTHER FIRE BARRIERS, EXTERIOR WALLS, AND FLOORS ABOVE AND BELOW BARRIER. ALL FIRE BARRIERS ARE TO BE CONSTRUCTED ACCORDING TO THE TESTING LABORATORY SPECIFICATIONS. ALL SMOKE BARRIERS SHALL BE A MINIMUM OF I-HOUR FIRE RESISTANT CONSTRUCTION. CORRIDOR PARTITIONS, SMOKE STOP PARTITIONS, HORIZONTAL EXIT PARTITIONS, EXIT ENCLOSURES, AND ALL FIRE RATED WALLS SHALL BE PERMANENTLY IDENTIFIED WITH STENCILING. SUCH IDENTIFICATION SHALL BE ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES. STENCILING TO BE IN RED LETTERS, NO LESS THAN 4" TALL WITH A RED BAND EXTENDING THE LENGTH OF THE PARTITION. STENCILED IDENTIFICATION TO READ "(X) HOUR RATED FIRE AND/OR SMOKE BARRIER, PROTECT ALL OPENINGS". STENCILED IDENTIFICATION TO BE POSITIONED TO BE READILY VISIBLE FROM BOTH SIDES OF THE BARRIER AND SUCH THAT FROM ANY ACCESS POINT AT LEAST ONE IDENTIFICATION MARKER MAY BE READ.

19. PENETRATIONS:

PENETRATIONS OF PIPES, TUBES, CONDUIT, WIRES, CABLES, DUCTS, VENTS, CABINETS, LIGHTING, AND OTHER FIXTURES THROUGH FIRE RATED ASSEMBLIES SHALL BE INSTALLED AND PROTECTED TO MAINTAIN FIRE RATING. PROTECTION OF FLOOR SURFACES: CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION FOR ALL FINISHED FLOOR SURFACES, EXISTING OR NEW INCLUDING BUT NOT LIMITED TO, CERAMIC TILE, VINYL TILE, CONCRETE, ETC., THROUGHOUT THE CONSTRUCTION PERIOD.

20. COMMUNICATION EQUIPMENT:

THE GC SHALL COORDINATE THE WORK HE IS RESPONSIBLE FOR WITH THE OWNER'S COMMUNICATION SERVICE PROVIDERS. COORDINATE THE LOCATION OF ALL SYSTEM CONTOLS WITH THE ELECTRICAL SYSTEM INSTALLER, THE OWNER, AND THE ARCHITECT PRIOR TO INSTALLATION. OWNER'S COMMUNICATION PROVIDER TO ASSURE THAT JUXTAPOSING OF ELECTRICAL AND DATA LINES WILL NOT RESULT IN INTERFERENCE, STATIC, OR IN ANY OTHER WAY DISRUPT THE NORMAL FUNCTION OF THE DATA/COMMUNICATION SYSTEM(S).

21. SUBSTRATE PREPARATIONS:

ALL SUBSURFACES SHALL BE PROPERLY PREPARED BEFORE APPLICATION OF FINISHES. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR SUBSTRATE CONDITIONS WHERE FINISHES ARE APPLIED.

23. RAILINGS/GUARDS: RAILING AND HANDRAILS BOTH INTERIOR AND EXTERIOR SHALL BE DESIGNED TO RESIST A LATERAL IMPACT AT THE TOP, EQUIVALENT TO A MINIMUM LINEAR LOAD OF 50 POUNDS PER FOOT AND A CONCENTRATED LOAD OF 200 POUNDS. RAISED FLOOR SURFACES MORE THAT 30 INCHES ABOVE THE FLOOR OR FINISH GRADE SHALL HAVE GUARDS NOT LESS THAN 42 INCHES IN HEIGHT. REQUIRED GUARDS SHALL HAVE INTERMEDIATE RAILS OR ORNAMENTAL CLOSURES THAT DO NOT ALLOW PASSAGE OF A SPHERE 4 INCHES OR MORE IN DIAMETER.

DIMENSIONS ARE NOT ADJUSTABLE UNLESS NOTED WITH A SYMBOL. ONLY

INDICATED WITHOUT ENCROACHMENTS. ALL VERTICAL HEIGHTS INDICATED

INDICATED, UNLESS NOTED OTHERWISE. WHERE WALLS, JAMBS, OR OTHER

ITEMS ARE NOTED TO "ALIGN", THE FACE OF ITEMS INDICATED SHALL BE

IN LINE WITH EACH OTHER TO FORM A STRAIGHT LINE, FREE OF OFFSETS

DEVIATIONS FROM DIMENSIONS INDICATED. DO NOT SCALE DRAWINGS.

ALL DIMENSIONS NOTED AS "CLEAR" SHALL MAINTAIN THE FULL SPACE

ARE FROM THE FINISH FLOOR ELEVATION AT THE BASE OF THE ITEM

NORMAL INDUSTRY STANDARD TOLERANCES ARE ACCEPTABLE

OR DEVIATIONS. FIELD VERIFY ALL DIMENSIONS. UNLESS NOTED

COLUMNS - FROM CENTER LINE TO CENTERLINE

OTHERWISE, DIMENSIONS ARE ACTUAL, NOT NOMINAL, AS FOLLOWS:

INTERIOR PARTITIONS- FROM STUD FACE TO STUD FACE

CONCRETE/ MASONRY - FROM FINISH FACE TO FINISH FACE

EXTERIOR WALLS - FROM EXTERIOR FACE TO INTERIOR FINISH

24. FOUNDATION WALLS:

FACE OF WALL

22. DIMENSION STANDARDS:

CONCRETE FOUNDATION WALLS WILL EXTEND A MINIMUM OF 8-INCHES ABOVE THE ADJACENT GRADE, UNLESS OTHERWISE NOTED. ALL FOOTINGS SHALL BEAR ON FIRM UNDISTURBED VIRGIN SOIL, INCLUDING INTERIOR FOOTINGS WITH A SAFE BEARING CAPACITY OF 2 TONS/S.F. OR GREATER. IF THE REQUIRED BEARING MATERIAL IS NOT FOUND AT THE ANTICIPATED ELEVATION, THEN THE FOOTINGS SHALL BE LOWERED TO THE DEPTH AT WHICH THE REQUIRED BEARING CAPACITY IS FOUND.

RENOVATION GENERAL NOTES:

. PROTECTION OF EXISTING TO REMAIN:

THE CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING FOR CARPET, FURNISHINGS, AND FINISHES IN EXISTING AREAS NOT DESIGNATED FOR DEMOLITION OR NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED BY HIS WORK OR ANY SUBCONTRACTOR. IN PARTICULAR, THE CONTRACTOR SHALL MAINTAIN A DUST-FREE ENVIRONMENT BY ISOLATING AREAS AS PRACTICABLE.

2. SCHEDULING:

THE CONTRACTOR SHALL MEET WITH THE OWNER'S AUTHORIZED REPRESENTATIVE WELL IN ADVANCE OF CONSTRUCTION COMMENCEMENT TO: SCHEDULE, SEQUENCE AND COORDINATE ALL WORK MAINTAIN EXITS AND EGRESS WIDTHS REQUIRED BY CODES DURING ALL PHASES OF CONSTRUCTION

3. CLEARANCES:

THE CONTRACTOR SHALL VERIFY THAT NEW CEILINGS CAN BE INSTALLED IN EXISTING SPACES TO CLEAR DUCTWORK AND OTHER CONSTRUCTED ITEMS AND MAINTAIN FLOOR TO CEILING HEIGHTS INDICATED ON DRAWINGS. IF DISCREPANCIES OCCUR DUE TO EXISTING CONDITIONS, CONSULT WITH THE ARCHITECT BEFORE PROCEEDING.

4. MATERIAL ALIGNMENT:

THE FINISH FACE OF MATERIAL OF NEW PARTITIONS SHALL ALIGN ON BOTH SIDES OF THE PARTITION WITH THE FACE OF THE MATERIALS ON EXISTING COLUMNS, WALLS, OR PARTITIONS, UNLESS NOTED OTHERWISE.

5. AS BUILT VERIFICATION:

THE CONTRACTOR SHALL VERIFY DIMENSIONS OF AS-BUILT CONDITIONS, AND NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES. ALL INFORMATION SHOWN ON THE CONSTRUCTION DOCUMENTS IS BASED ON FIELD OBSERVATIONS AND/OR THE ORIGINAL CONSTRUCTION DOCUMENTS OF THE FACILITY.

6. REMOVAL SURVEY:

THE CONTRACTOR SHALL SURVEY AND DETERMINE THE REMOVAL OF EXISTING CONSTRUCTION, EITHER WHOLE OR IN PART, AS REQUIRED FOR THE INSTALLATION OF THE NEW MECHANICAL, PLUMBING AND ELECTRICAL WORK.

7. CONSTRUCTION DEFECTS:

THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY CONSTRUCTION DEFECTS FOUND IN UNCOVERING WORK IN THE EXISTING CONSTRUCTION.

8. CORRECTING DEFECTIVE WORK:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING DEFECTIVE WORK IN EXISTING CONSTRUCTION WITHIN THE LIMITS OF THE CONSTRUCTION AREA. THIS INCLUDES, BUT IS NOT LIMITED TO, UNEVEN SURFACES AND FINISHES AT PLASTER OR GYPSUM BOARD. THE CONTRACTOR SHALL PATCH AND REPAIR SURFACES TO MATCH NEW ADJACENT SURFACES.

9. PIPING:

ALL PIPING ABOVE GRADE AND INSIDE THE BUILDING REQUIRED BY THE CONSTRUCTION DOCUMENTS SHALL BE INSTALLED IN AREAS WHERE IT WILL BE CONCEALED. THE CONTRACTOR SHALL CONSULT WITH THE ARCHITECT AND COORDINATE WITH OTHER TRADES TO PROVIDE FURRING FOR PIPING INSTALLED IN FINISH AREAS.

IO. FIXTURE REMOVAL:

REMOVE MECHANICAL AND ELECTRICAL FIXTURES AND CAP OR REMOVE EXISTING BRANCH LINES AS INDICATED IN THE MECHANICAL AND ELECTRICAL DOCUMENTS.

II. COORDINATION:

COORDINATE PLANS FOR NEW CONSTRUCTION W/ DEMOLITION PLANS FOR EXTENT OF REMOVAL. REMOVE ONLY THOSE PORTIONS OF WALLS, FLOORS, CEILINGS, ETC. NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.

DEFINITIONS & TERMINOLOGY

I. "TYPICAL": UNLESS NOTED OTHERWISE, MEANS IDENTICAL FOR ALL CONDITIONS, WHICH MATCH ORIGINAL CONDITION INDICATED.

2. "SIMILAR":

MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS VERIFY DIMENSIONS AND ORIENTATION OF CONDITIONS, WHICH VARY FROM TYPICAL OR SIMILAR CONDITION INDICATED.

3. "OPPOSITE HAND":

MEANS CONDITION IS MIRROR IMAGE OF DETAILED REFERENCED.

4. "ALIGN":

MEANS ALIGNMENT OF SIMILAR COMPONENTS OF CONSTRUCTION (WALLS, JAMBS, ETC), WHICH ARE ADJACENT OR THE COMPONENTS SHALL BE IN LINE WITH EACH OTHER ACROSS VOIDS. DIMENSIONS ARE NOT ADJUSTABLE UNLESS NOTED WITH PLUS/MINUS TOLERANCE.

5. "O.F.O.I.": MEANS "OWNER FURNISHED, OWNER INSTALLED"

6. "U.N.O.": MEANS "UNLESS NOTED OTHERWISE"

7. "O.F.C.I.": MEANS "OWNER FURNISHED, CONTRACTOR INSTALLED"

8. REFERENCES:

ALL REFERENCES TO CONTRACTOR SHALL REFER TO GENERAL CONTRACTOR AND/OR SUB CONTRACTOR. ALL REFERENCES TO THE OWNER SHALL MEAN THE OWNER OR THE OWNER'S AGENT.

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REVISIONS:
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IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT IS ALTERED, THE ALTERING ARCHITECT SHALL AFFIX TO HIS ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.
THIS DRAWING, PREPARED FOR THE SPECIFIC PROJECT INDICATED, IS AN INSTRUMENT OF SERVICE, AND THE PROPERTY OF PETER CINQUEMANI, ARCHITECT. INFRINGEMENT OR ANY USE OF THIS PROJECT IS PROHIBITED. ANY ALTERATION, OR REPRODUCTION OF THIS DOCUMENT IS ALSO PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.
SITE LOCATION:
SCHIFF RESIDENCE
21 Beverly Road Port Washington, Ny 11050
DATE: 9-23-2022
DRAWN BY: PAC
CHECKED BY: PAC
DRAWING TITLE:
GENERAL NOTES



SHEET NO. :

DIVISION I - GENERAL REQUIREMENTS

I. Work performed shall comply with the following: a. These general notes unless otherwise noted on plans or specifications.

b. Building Code as specified on the architectural drawings.

c. All applicable local and state codes, ordinances and regulations. d. In areas where the drawings do not address methodically, the contractor shall be bound to perform in strict compliance with manufacturer's specifications and/or recommendations. 2. On-site verification of all dimensions and conditions shall be the responsibility of the general

contractor and his subcontractors 3. Noted dimensions take precedence over scale. Never scale directly from drawings.

Contractor should consult Architect in case of question.

4. The general notes and typical details apply throughout the job unless otherwise noted or shown. 5. Discrepancies: The contractor shall compare and coordinate all drawings, when in the opinion of the contractor, a discrepancy exists he shall promptly notify the Architect, in writing, before proceeding with the work or he shall be responsible for the same and any indirect results of his action.

6. Omissions: Architectural drawings and specifications shall be considered as part of the conditions for the work. In the event that certain features of the construction are not fully shown on the drawings, current national, state and local codes, ordinances, regulations or agreements as well as current acceptable building practices shall govern, and their construction shall be of the same character as for similar conditions that are shown or noted.

7. The Architect will not be responsible for and will not have control over construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the work, and will not be responsible for the failure of the Client or his contractors, subcontractors, or anyone performing any of the work, to carry out the work in accordance with the approved contract documents.

8. Any and all drawings and specifications for sitework, plumbing supply or waste, electrical circuitry, and heating, ventilating, fabricated trusses, and air conditioning systems are not a part of the professional services provided to the Client by the Architect unless included under their agreement. Any discrepancies with these documents by any of the above listed services as shown in documents prepared by others should be indicated in writing to the Architect immediatelu.

9. Prior to application for building permits, the Contractor will furnish the Architect with two sets of shop drawings of all prefabricated components, one set to be retained by Architect, the other set to be returned to contractor after review. Items requiring shop drawings include but are not limited to roof trusses, floor trusses, stairs, cabinets, vanities, etc. Should the design or configurations of any prefabricated component be modified during construction from previously approved shop drawings, the Architect shall be furnished, prior to fabrication, with revised shop drawings incorporating the revision. If the Architect is not provided with the above information, the client shall defend, indemnify, and hold harmless the Architect from any claim or suite whatsoever, including but not limited to, all payments, expenses or costs included, arising or alleged to have arisen from prefabricated items.

10. The conditions and assumptions stated in these specifications shall be verified by the contractor for conformance to local codes and conditions. In the event of a discrepancy between these specifications and local codes or conditions, the contractor shall notify the Architect in writing of the discrepancy and special Architecting requirements shall be applied to insure the building's structural integrity.

II. These requirements may be superseded by more stringent information contained within the drawings. The more stringent shall be followed.

12. Soil conditions shall conform to or exceed the following conditions: Bearing Capacity: Min. 2000 psf. field verified under all footings and reinforced slabs. Water Table: Min. 2'-O" below bottom of all concrete slabs and footings. Footings, foundations, walls, and slabs shall not be placed on or in Marine Clay, Peat and other organic materials.

13. Live Loads: Roof: 30psf. Floor: 40psf (except sleeping rooms: 30psf). Exterior Balconies: 60psf. Stair Landings: 40psf. Wind Load: 15psf. Garage: 50psf. Maximum foundation lateral pressure: 40psf. Dead Loads: 10psf. Decks: 40psf. Attics without storage 10psf. Attics with storage 20psf. Guardrails & Handrails 200psf. 14. Bottom of footings shall extend below frost line of the locality and minimum 3'-O" below existing

grade to % dry density having a load carrying capacity as specified in Note 12, undisturbed soil or soil compacted to 95 as verified by a soils Architect licensed in the locality where project is being built. 15. All foundation wall backfill under slabs where distance from edge of wall to edge of

undisturbed soil exceeds 16", but less than 4'-0", shall consist of clean, porous, soil compacted in 6" layers to 95 % dry density or provide #4 rebar at 2'-0" o.c., I'-0" beyond edge of undisturbed soil and l'-O" into foundation wall.

16. Free draining granular backfill (SM or better) shall be used against foundation walls consistent with the architectural plans and related details. Equivalent fluid pressure of backfill not to exceed 40pcf (pounds per cubic foot). If backfill pressures exceed 40pcf, then walls must be designed for actual pressures by a registered Professional Architect licensed in the locality where project is being built

17. Unbalanced fill not to exceed 7'-O" unless otherwise noted and substantiated by Architecting calculations. Backfill shall not be placed against walls until slabs-on-grade and framed floors are in place and have reached their design strength. Proper precautions shall be taken to brace foundation walls when backfilling. Where backfill is required on both sides, backfill both sides simultaneously.

DIVISION 3 - CONCRETE

<u>A. General:</u>

I. The concrete properties shall be as follows: Min. Comp. Strength Min. Aggregate Slump <u>@ 28 Days (PSI) size</u> <u>ltem</u> 3,500 I/2"-I" 4"±|" Footings f"±I/2"

Slab-on-Grade	2,500	1/2"-1"	4"±1/2"
Walls	3,500	1/2"-1"	4"±I/2"
Garaqe Slabs &	3,500	/2"- "	4"±l" ⋈/ 5%
exterior slabs			air entrainment

2. Concrete work shall conform to all requirements of ACI-318 specifications for structural concrete for buildings.

3. All reinforcement, anchor bolts, pipe sleeves and other inserts shall be positively secured in place and located according to the appropriate architectural drawings and details

B. Reinforcing Steel . Reinforcing steel shall be intermediate grade new billet deformed bars grade 60 conforming to ASTM & 615. Welded wire fabric shall conform to ASTM A-185. See architectural drawings for sizes and locations

2. Detailing, fabricating and placing of reinforcement shall be in accordance with ACI-315 Manual of Standard Practice for Detailing Reinforced Concrete Structures

3. All reinforcing bars which intercept perpendicular elements shall terminate in hooks, placed two (2) inches clear from outer face of element.

4. The contractor shall notify the building official at least forty-eight (48) hours prior to each concrete pour. No concreté shall be poured into footings containing standing water or mud. Footings shall be dewatered prior to placement of concrete. No concrete shall be placed until all reinforcing has been installed by the contractor and inspected by the building official or county approved licensed inspector.

5. Minimum protective cover for reinforcing steel shall be as follows: a. Footings: 3"

b. Beams and columns: 2"

c. Slab: 3/4" (Wire mesh to be placed at mid-depth of slab)

d. Walls - 1 1/4" at interior face: 3" at exterior face. C. Foundation:

1. Footing depths are shown on the architectural drawings. Footings shall bear a minimum of I"-O" into original undisturbed soil and a minimum of 3'-0" below finished grade. Where required, step footings to ratio of 2 horizontal to I vertical.

2. Where conditions develop requiring changes in excavations, such changes shall be made as directed by the Architect. 3. All footing excavations shall be inspected by the building official or county approved inspector

prior to the placing of any concrete. Same shall be given forty-eight (48) hours notice for this observation.

4. Soil investigation and report: All earth work, compaction and supervisions shall be done according to the recommendations of the soil investigation report prepared by a licensed geotechnical Architect. Concrete slab and footing calculations are based on a 2,000 psf value. If on-site test boring indicate lesser values, notify Architect, in writing, so that necessary structural modifications can be made.Slab-on-grade shall be 4" thick reinforced with 6 × 6 WI.4 × WI.4 WWF and shall be placed on 6 mil. vapor barrier on 4" crushed stone. 6. Slab-on-grade at porches shall be 4" thick unless otherwise noted. 7. Install anchor straps as per mfq.

recommendations: 12" from corners and intervals of not more that 4'-O". Minimum embedment for anchors shall be as specified by manufacturer. 8. Beam pockets shall be formed into concrete walls to provide a continuous level flat solid bearing surface for all beams. Slab-on-grade shall be 4" thick reinforced with 6 x 6 WI.4 x WI.4 WWF and shall be placed on 6 mil. vapor barrier on 4" crushed stone.

5. Slab-on-grade at porches shall be 4" thick unless otherwise noted. 6. Install anchor straps as per mfg. recommendations: 12" from corners and intervals of not more that 4'-0". Minimum embedment for anchors shall be as specified by manufacturer. 7. Beam pockets shall be formed into concrete walls to provide a continuous level flat solid bearing surface for all beams.

DIVISION 6 - WOOD

A. Lumber Grade: I. All lumber shall be, unless otherwise noted, No. 2 grade. Hem Fir with the following minimum structural values. American Softwood Lumber Standard Grading shall comply with PS 20-70 " and applicable Western Wood Products Association standards

a. Extreme fiber bending stress: <u>Size Repetitive Member</u>

- 2 x I2 1005 PSI 2 x 10 11*0*5 PSI
- 2 x 8 1210 PS1 2 x 6 1310 PS1
- b. Horizontal Shear: Fv = 75 PSI c. Compression perpendicular to grain: FcL = 405 PSI d. Compression parallel to grain: Fc = 875 PSI e. Modulus of elasticity: E = 1,600,000 PSI
- f. Moisture content: 19% maximum. 2. Other species may be used provided substituted species shall meet or exceed
- requirements noted above. 3. Moisture content: All lumber 4" and deeper shall have moisture content not greater than 19%, air dried lumber is desired but not necessary. Lumber may be kiln dried, however
- drying process must be slow and regulated to cause a minimum amount of checking, comparable with air dried stock.
- preservative treated in accordance with AF\$PA standards and stamped "Ground Contact 0.40 lbs/cubic foot".
- 5. Grade stamps shall appear on all lumber. 6. Store all lumber above grade and protect from exposure to weather. B. Flitch Beams:
- I. Flitch beams shall have a minimum fb = 15000, E=11.4 with 1/2" bolts located not closer than 2" from the top and bottom edge unless otherwise noted. There shall be a bolt top and bottom 2" from each end (see typical flitch plate bolt pattern detail).
- C. Joist Hangers: I. All purlins, joists and beams not framed over supporting members shall be supported 2. Joist hangers shall be prime quality steel which conforms to ASTM-A525, min. 22 gauge. Products acceptable shall be Simpson, Kant-Saq, or equivalent.
- D. Bolts in Wood Framing: I. All bolts in wood framing shall be standard machine bolts with standard malleable iron
- washers or steel plate washers. 2. Steel plate washer sizes shall be as follows: a. 1/2" and 5/8" Diam. bolts - 2-1/4" sq. x 5/16"
- b. 3/4" Dia. bolts-2-5/8" sq. x 5/16".
- 3. Each bolt hole in wood shall be drilled 1/16" larger than diameter of bolt. 4. For sill anchors, see typical details on architectural drawings. E. Lag Bolts:
- I. Shall be of structural grade steel 2. Washers shall be placed under the head of lag bolts bearing on wood. Length of lag bolts shall be minimum 2/3 depth of members being bolted together.
- F. Altering Structural Members: I. No structural member shall be omitted, notched, cut, blocked out or relocated without prior
- Architect. G. Built-up Beams: I. Built-up beams or joists formed by a multiple of 2 x members shall be interconnected as follows: a. Members 9-1/4" and less in depth: qlue and internail w/2 rows 16D nails at 12"
- bolt with 1/2" diameter machine bolts at 24" o.c. staggered. H. Cutting of Beams, Joist and Rafters:
- deeper than 1/6 the depth of the member and shall not be located in the middle of 1/3 of the span. Notch depth of the ends at the member shall not exceed 1/4 the depth of the member. Holes bored or out into joist shall not be closer than 2 inches to the tip or bottom of the joists and the diameter of the hole shall not exceed 1/3 the depth of the joist. The tension side of beams, joists and rafters of 4 inches or greater nominal thickness shall not
- be notched, except at ends of members. I. Pipes in Stud bearing Nails or Shear Nails:
- I. Notches or bored holes to stude of bearing walls or partitions shall not be more than 1/3 the depth of the stud.
- J. Bridging and Blocking: I. There shall be not less than one line of bridging in every eight feet of span in floor, attic and roof framing. The bridging shall consist of not less than one by three inch lumber double nailed at each end or of equivalent metal bracing of equal rigidity. Midspan bridging is not required for attic or roof framing where joist depth does not exceed twelve inches nominal. Block solid at all bearing supports where adequate lateral support is not otherwise provided. Block all stud walls at maximum intervals of eight feet with minimum of 2 x solid material with tight joints. Provide 2 x firestops at mid-point vertically of stud wall. Bridging as required by floor truss manufacturer's printed instructions.
- K. Lintel Schedule: I. Unless otherwise shown, provide I lintel with 6" minimum bearing for each 4" of wall thickness. 2. Lintel Schedule:
- Span: Size of Member Up to 4'-0" 3 1/2 x 3 1/2 x 1/2 or 2-2x6 4'-1" to 5'-0" 4 x 3 1/2 x 5/16 or 2-2x8
- 5'-1" to 6'-0" 5 x 3 1/2 x 5/16 or 2-2x10 6'-1" to 8'-0" 6 x 3 1/2 x 3/8 or 2-2x12 L. <u>Plywood:</u>
- I. All plywood shall be Doug fir or equal. It shall be manufactured and graded in accordance with U.S. Product Standard PS 1-83 for Construction and Industrial Plywood 2. Each plywood sheet shall bear the "APA" trademark. 3. All end joints shall be staggered and shall butt along the center lines of framing members
- 4. The face grain of the plywood shall be laid at right angles to the joists and trusses and parallel to the studs.
- 5. Nails shall be placed 3/8" minimum from the edge of the sheets. The minimum nail penetration into framing members shall be 1 1/2" for 8d nails and 1 3/8" for 10d nails. 6. All floors shall be nailed as per nailing schedule. M. Corner Bracing:
- I. Unless otherwise noted, brace exterior corners of building with 1 x 4 diagonals, let into studs, or with 4 x 8 plywood sheet of thickness to match that of sheathing, or with metal strap devices installed in accordance with manufacturer's instructions (16 Ga. compression tension), or w/structural grade thermo-ply. 2. Lap plates at all corners.
- N. <u>Nailing:</u>
- I. All nailing shall comply with nailing schedules in WFCM, IBC, BOCA and CABO (as applicable), latest edition and all state and local building codes, or maufacturer's recommendations.
- 0. Fire Stopping:
- I. Fire stopping shall be provided to cut off all concealed draft openings (both vertical and horizontal) with 2" nominal lumber or 2 thicknesses of I" nominal lumber with broken lap joints or other approved material.
- P. <u>Alignment:</u> I. All rafters and joists framing from opposite sides shall lap at least six (3) inches and be nailed together with min. (3) IOd face nails. 2. When framing end to end joists shall be secured together by metal straps.
- Q. <u>Partitions:</u>I. I. General: a. Provide solid blocking at 4'-O" o.c. between the joist and first interior parallel joist.
- b. Splices of the top and bottom portion of double top plates must be staggered a minimum of 4'-0". c. Splices shall occur only directly over studs.
- d. Structural variations are allowed if substantiated by Architecting calculations. Stamped by professional Architect licensed to practice in the jurisdiction where construction is taking place. One set of calculations to be provided to Architect for approval prior to construction.
- e. Lap top plates at corners and intersections. 2. Bearing Walls supporting one floor or more:
- specified. b. If a double top plate of less than 2-2 x 6's or 3-2 x 4's is used, floor joists

shall be centered directly over and below bearing wall studs with a tolerance of no more than I" unless substantiated by Architecting calculations. c. Bearing stud walls must be sheathed with a minimum 1/2" gypsum board fastened according to drywali manufacturer recommendation.

4. All exterior lumber and lumber in contact with masonry or concrete shall be pressure

approval by the Architect. Do not alter sizes of members noted without approval of

o.c. staggered. b. Members greater than 9-1/4" in depth or multiple 3 x members through

I. Cutting of wood beams, joists and rafters shall be limited to cuts and bored holes not

a. Partitions must be constructed of minimum 2 x 4 studs spaced 16" o.c. of type lumber

DIVISION 7 - THERMAL AND MOISTURE PROTECTION A. <u>Roofing</u>:

I. Fiberglass Shingles: THIRTY (30) year self sealing shingles over I layer of 30# asphalt saturated felt underlayment unless otherwise noted. Install according to manufacturer's instructions.

2. Cedar Shakes: #2 grade red-label cedar shakes (18" | x .45"T) over one layer 30# a.s.f. underlayment. Install with 4 1/2" weather exposure. Apply an 18" wide strip of 30# a.s.f. over each course of shakes, 9" from bottom edge of shake extending over top of shake and onto sheathing.

3. Eave Flashing: See note B-4, below. B. <u>Flashing:</u>

I. All flashing, counter flashing, and coping when of metal shall be of not less than no. 26 U.S. gauge corrosion-resistant metal 2. Flash all exterior openings and all building corners with approved material to extend at least 4" behind wall covering. Cover all exposed plywood at building corners with

waterproof building paper 3. Step flash at all roof to wall conditions. Flash and caulk wood beams and other projections through exterior walls or roof surfaces.

4. Eave flashing shall consist of two layers of 15# a.s.f. cemented together in addition to required nailing from the edge of the eave up the roof to overlay a point 24 inches inside the interior wall line of the building. C. Attic Ventilation:

I. Enclosed attic truss spaces and enclosed roof rafters shall have cross ventilation for separate space with screened ventilating openings protected against the entrance of moisture and rain in accordance with the WFCM, BCNYS BOCA and CABO code, latest (as applicable) edition and all state and local codes and ordinances. See details on architectural plans for locations and details.

DIVISION 8 - DOORS AND WINDOWS

A. General

1. Windows in buildings located in wind-borne debris regions (120 mph wind zone or with-in one mile of the ocean, bay and sound) shall have glazed openings protected from wind-borne debris or the building shall be designed as a partially enclosed building in accordance with the Building Code of New York State. Glazed opening protection for wind-borne debris shall meet the requirements of the Large Missile Test of ASTM E 1996 and of ASTM E 1886 Exception:

Wood structural panels with a minimum thickness of 7/16 inch (11.1 mm) and a maximum span of 8 feet (2438 mm) shall be permitted for opening protection in one- and two-story buildings. Panels shall be precut to cover the glazed openings with attachment hardware provided. Attachments shall be provided in accordance with Table R302.2.1.2 or shall be designed to resist the components and cladding loads determined in accordance with the provisions of the Building Code of New York State

2. All windows shall have insulating glass, or single glass with storm windows or equal. Sizes indicated on plans are nominal only. Builder to consult with window manufacturer to determine exact sizes, rough opening, etc. At least one window from each bedroom area shall have a net clear opening area of 5.7 Sq. Ft. (grade floor 5.0 Sq. Ft.) with a net clear height of 24", a net clear opening width of 20", and a sill height of 44" or less above the floor for egress purposes. Glazing in doors and fixed glazed panels immediately adjacent to doors or within 18" of the floor, which may be subject to frequent and recurrent accidental human impact shall be tempered as per IBC, BOCA and CABO and state and local codes and ordinances.

DIVISION 9 - FINISHES

A. General 1. All gypsum wallboard shall be installed in accordance with the provisions of the BOCA, CABO and state and local codes and ordinances (as applicable)

2. Gypsum wallboard shall not be installed until weather protection for the installation is provided. Storage should be in accordance with manufacturer's instructions. 3. All edges and ends of gypsum wallboard shall occur on the framing members except those edges which are perpendicular to the framing members. All edges of gypsum wallboard shall be in moderate contact except in concealed spaces where fire resistive construction is not required.

4. The sizes and spacing of fasteners shall comply with BOCA, CABO and state and local codes and ordinances (as applicable).

5. Provide moisture resistant drywall cement board at tubs and showers as shown on details in architectural drawings. 6. Fire-resistive construction: Garage ceilings and walls when adjacent to a dwelling unit

shall be of rated construction according to the UL Design specified on the drawings when units are designed under BOCA standards as indicated on the drawings.

DIVISION 15 - MECHANICAL

A. Heating Ventilation and Air Conditioning: I. All work shall be in full accordance with all current codes and regulations of the governing agencies.

2. Mechanical subcontractor to submit shop drawings indicating duct layouts, condenser location, duct sizes, etc. to Architect prior to installation. Mechanical subcontractor to review structural sop drawings and notify the Architect of any mechanical and structural and design intent conflicts prior to construction. 3. All work shall be done in a neat and workmanlike manner and so as to not needlessly

hamper that portion of the work performed by others. B. <u>Plumbing</u>:

I. All work shall be in full accordance with all current codes and regulations of governing agencies. 2. All work shall be done in a neat and workmanlike manner and so as to not needlessly

hamper that portion of the work performed by others. 3. Plumbing subcontractor to review structural and mechanical drawings and notify the Architect of any plumbing, HVAC, structural and design intent conflicts prior to construction.

DIVISION 16 - ELECTRICAL

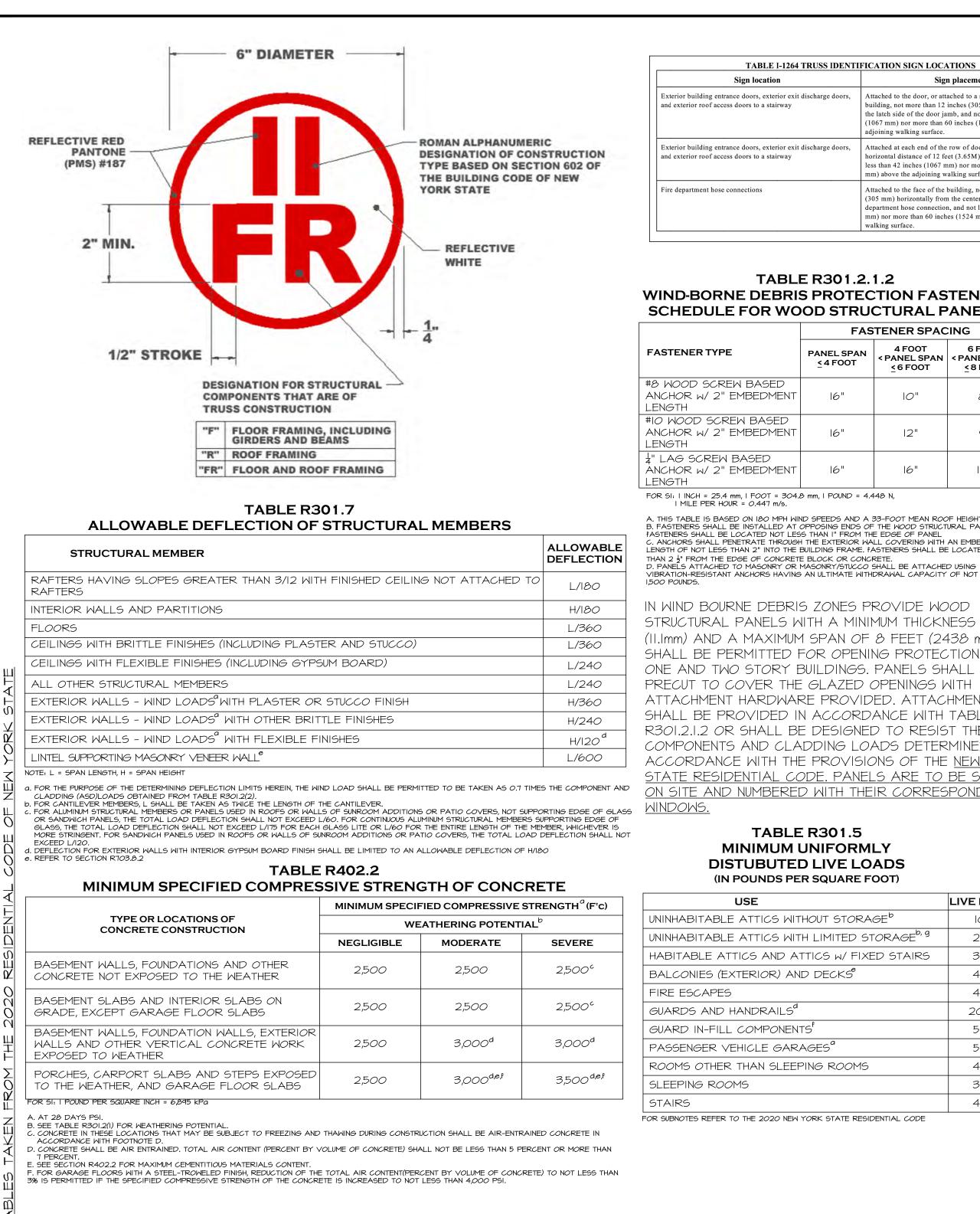
I. All work shall be in full accordance with all current codes and shall comply with the requirements of the serving power and telephone companies. 2. All work shall be done in a neat and workmanlike manner and so as to not needlessly hamper that portion of the work performed by others. 3. Installation:

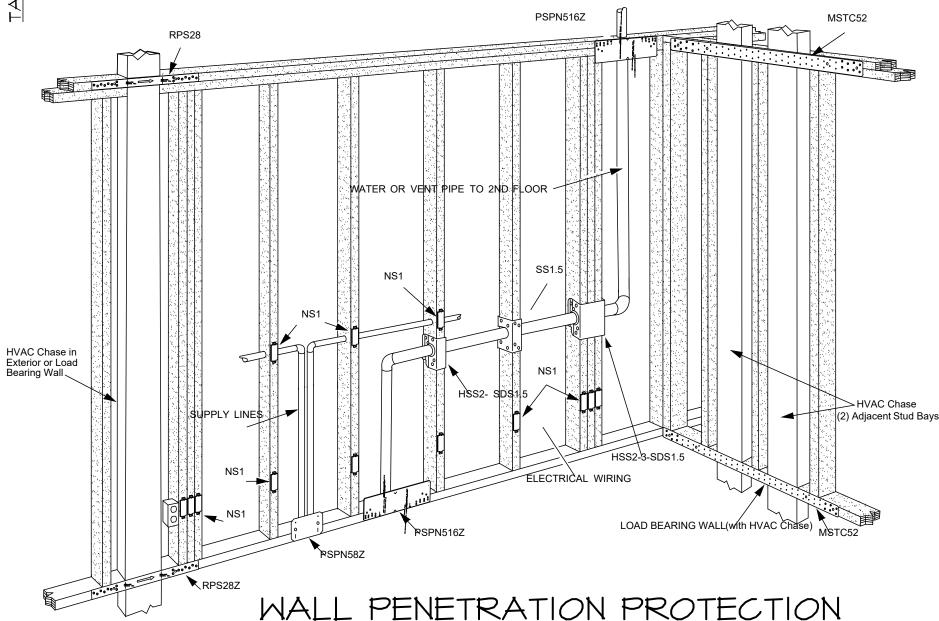
a. All equipment installed outdoor and exposed to weather shall be weatherproof. b. Bottom of receptacles and switches shall be located 5" above counter top unless otherwise noted on drawings

c. Receptacles shall be installed vertically at 12" above finish floor and 12'-0" o.c. horizontally. All receptacles within 6'-0" horizontally of a sink lavatory or tub shall be wired to a ground fault interrupted circuit.

d. Wall switches to be 48" above floor. e. All smoke detectors to be wired in a manner such that the activation of one by means of metal hangers.will activate all.

ARCHITE	CTURE & DESIGN
ALBEF PHO E-MAIL: Pete	BERTSON AVENUE RTSON, N.Y. 11507 NE: 631-921-8105 er@PAC-Architecture.com : PAC-Architecture.com
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Energy Conservation code, the National Electric Code, and the National Plumbing WARNING

NOTE:

AND REVIEWED.

(2) Adjacent Stud Bays THE CONTRACTOR SHALL PROVIDE A WATERPROOF CONSTRUCTION TO ELIMINATE WATER INTRUSION AND SHALL PROVIDE A WARRANTEE CERTIFYING THAT THEY WILL REPAIR, AT THE CONTRACTOR'S EXPENSE, ANY PORTION OF THE WORK WHICH CAUSES WATER INTRUSION THROUGH THE BUILDING COMPONENTS AND MATERIALS THEY OR THEIR SUBCONTRACTORS SUPPLIED OR INSTALLED. THE CONTRACTOR, BY ACCEPTING THE WORK PERFORMED BY THE CONTRACTOR, THEIR EMPLOYEES, OR SUBCONTRACTORS, SHALL HOLD THE ARCHITECT HARMLESS FROM ANY AND ALL ACTIONS CAUSED BY OR OCCURING AS A REGULT OF WATER DAMAGE, WATER-RELATED DAMAGE SUCH AS MOLD, SETTLING, FLOOD, UNCURRED MATERIALS, EXPANSION OR CONTRACTION OF BUILDING COMPONENTS, OR BREACHING OF WATERPROOFED MATERIALS BY THE CONTRACTOR, THEIR EMPLOYEES, OR SUBCONTRACTORS.

TABLE I-1264 TRUSS IDENTIFICATION SIGN LOCATIONS

Sign location

Sign placemer Attached to the door, or attached to a sidelight or the face of the building, not more than 12 inches (305 mm) horizontally from the latch side of the door jamb, and not less than 42 inches (1067 mm) nor more than 60 inches (1524 mm) above the ljoining walking surfac

Attached at each end of the row of doors and at a maximum horizontal distance of 12 feet (3.65M) between signs, and no less than 42 inches (1067 mm) nor more than 60 inches (1524 mm) above the adjoining walking surfac

Attached to the face of the building, not more than 12 inches (305 mm) horizontally from the center line of the fire department hose connection, and not less than 42 inches (1067 mm) nor more than 60 inches (1524 mm) above the adjoining walking surface.

TABLE R301.2.1.2 WIND-BORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS

FASTENER SPACING					
PANEL SPAN <u>4</u> FOOT	6 FOOT < PANEL SPAN <8 FOOT				
16"	10"	8"			
<i>\6</i> "	12"	d.			
16"	16"	16"			

B. FASTENERS SHALL BE INSTALLED AT OPPOSING ENDS OF THE WOOD STRUCTURAL PANEL. FASTENERS SHALL BE LOCATED NOT LESS THAN I" FROM THE EDGE OF PANEL ANCHORS SHALL PENETRATE THROUGH THE EXTERIOR WALL COVERING WITH AN EMBEDMENT LENGTH OF NOT LESS THAN 2" INTO THE BUILDING FRAME. FASTENERS SHALL BE LOCATED NOT LESS D. PANELS ATTACHED TO MASONRY OR MASONRY/STUCCO SHALL BE ATTACHED USING VIBRATION-RESISTANT ANCHORS HAVING AN ULTIMATE WITHDRAWAL CAPACITY OF NOT LESS THAN

IN WIND BOURNE DEBRIS ZONES PROVIDE WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 7/16" (II.Imm) AND A MAXIMUM SPAN OF 8 FEET (2438 mm). SHALL BE PERMITTED FOR OPENING PROTECTION IN ONE AND TWO STORY BUILDINGS. PANELS SHALL BE PRECUT TO COVER THE GLAZED OPENINGS WITH ATTACHMENT HARDWARE PROVIDED. ATTACHMENTS SHALL BE PROVIDED IN ACCORDANCE WITH TABLE R301.2.1.2 OR SHALL BE DESIGNED TO RESIST THE COMPONENTS AND CLADDING LOADS DETERMINED IN ACCORDANCE WITH THE PROVISIONS OF THE NEW YORK STATE RESIDENTIAL CODE. PANELS ARE TO BE STORED ON SITE AND NUMBERED WITH THEIR CORRESPONDING

MINIMUM UNIFORMLY DISTUBUTED LIVE LOADS (IN POUNDS PER SQUARE FOOT)

TABLE R301.5

USE

	LIVE LOAD
AGE ^b	10
STORAGE ^{b, g}	20
XED STAIRS	30
	40
	40
	200 ^h
	50 ^h
	50 [°]
5	40
	30
	40 ^c

All Electrical and Plumbing work shall conform to the rules and regulations of the New York State Building code,

FAILURE TO COMPLY WITH THESE BUILDING PLANS, NOTES, CODE, OR INDUSTRY STANDARDS WILL VOID SIGN-OFF OF THE WORK BY THE ARCHITECT/ BUILDING OFFICIALS UNLESS CORRECTED

THESE PLANS ARE PART OF OF AN INTEGRATED DESIGNED SYSTEM. ANY MODIFICATION, ALTERATION, CHANGE, DELETION, ADDITION, OR SUBSTITUTION, OF OR TO ANY SPECIFIED PART OF THIS DESIGN COULD RESULT IN PROPERTY DAMAGE, INJURY, OR EVEN DEATH, AND REQUIRES A FULL REVIEW OF THE ENTIRE SYSTEM BY A LICENSED PROFESSIONAL ARCHITECT OR ENGINEER. ANY UNAUTHORIZED MODIFICATION OF THIS DOCUMENT OR THE PROJECT FOR WHICH IT REPRESENTS MAY CONSTITUTE UNLICENSED PRACTICE AS A LICENSED PROFESSIONAL AND MAY CONSTITUTE A CLASS E FELONY (NY EDUCATION LAW 6512.1)

UPLIFT CONNECTIONS

WOOD FRAME CONSTRUCTION MANUAL FOR ONE & TWO FAMILY DWELLINGS (2018 EDITION)

-SECTION 3.2.1.7 SILL PLATE TO FOUNDATION

<u>-TABLE 3.2, 3.3, 3.2A-C, 3.3A</u> -SECTION 3.2.2.2 WALL ASSEMBLY TO WALL ASSEMBLY -TABLE 3.4, A-3.4, 3.4B

SECTION 3.2.2.3 WALL ASSEMBLY TO FOUNDATION -TABLE A-3.4 (FIGURES 3.2a-e)

-SECTION 3.2.4.1 HOLD-DOWNS

-TABLE 3.6, A-3.6

-TABLE 3.17D -SECTION 3.2.6.4 HEADER AND/OR GIRDER TO STUD -TABLE 3.7, 3.8

-SECTION 3.2.2.1 ROOF ASSEMBLY TO WALL ASSEMBLY -TABLE A-3.4, 3.4, 3.4B (FIGURES 3.2j-k) -SECTION 3.2.6.1 RIDGE CONNECTION REQUIREMENTS

TABLE 3.4B UPLIFT STRAP CONNECTION REQUIREMENTS (ROOF-TO-WALL, WALL-TO-WALL, AND WALL-TO-FOUNDATION) (PRESCRIPTIVE ALTERNATE TO TABLE 3.4) EXPOSURE B

	DAD ASSUM				CEU		SSEN		DI -	15 00	
700-YR WI	ND SPEED COND GUST		1. KU	120	130	140	150	160	170	180	190
FRAMING SPACING (IN.)	ROOF SPAN (FT.)	_	MBER LS IN			-			-	-	1,2,3,4
12	12 16 20 24 28 32 36			 2 2	2 2 2 2 2 2	- 2 2 2 2 3	2 2 2 2 3 3 3	2233334	2333444	2334455	8844556
16	2 6 20 24 28 32 36	 2	 2 2 2	 2 2 2 2 2 2	2 2 2 2 2 3 2 3	2 2 2 3 3 3 3 3 3	2 2 3 3 3 4 4	2 3 3 4 4 5	334 4556	3445567	4 4 5 6 7 7 8
19.2	2 6 20 24 28 32 36	 2 2 2	 2 2 2 2 2 2	- 2 2 2 2 2 2 2 2	2 2 2 2 N M M M	2 2 3 3 3 4 4	233445	3344556	3 4 4 5 6 6 7	4 4 5 6 6 7 8	4 567 89 -
24	2 6 20 24 28 32 36	 2 2 2 2	 2 2 2 2 2 2 2 2	2 2 2 2 2 3 3 3	2 2 3 3 3 3 4	2 3 3 4 4 5	3344556	3455667	4 5 5 6 7 7 8	4 5 6 7 8 9 -	5 6 7 8 - -

) PRESCRIPTIVE LIMITS ARE BASED ON ASSUMPTIONS IN TABLE 3.4. 2.) TABULATED UPLIFT CONNECTION REQUIREMENTS ASSUME A ROOF AND CEILING ASSEMBLY DEAD LOAD OF 9 PSF $(0.60 \times 15 \text{ psf} = 9 \text{ psf})$. IF A CEILING ASSEMBLY IS NOT PRESENT OR IF THE CEILING ASSEMBLY IS NOT CONNECTED TO THE ROOF ASSEMBLY, THE

TABULATED NUMBER OF NAILS SHALL BE INCREASED BY I NAIL AT EACH END OF THE STRAP.

3.) MINIMUM ASTM A653 GRADE 33 STEEL STRAP.

4.) FOR JACK RAFTER UPLIFT CONNECTIONS, USE A ROOF SPAN EQUAL TO TWICE THE JACK RAFTER LENGTH. THE JACK RAFTER LENGTH INCLUDES THE OVERHANG LENGTH AND THE JACK SPAN.

GENERAL NOTES

- I.) THE MECHANICAL SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTERS 12-23 OF THE RESIDENTIAL CODE.
- 2.) THE PLUMBING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTERS 25-33 OF THE RESIDENTIAL CODE.
- 3.) ELECTRICAL EQUIPMENT AND WIRING SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTERS 34-43 OF THE RESIDENTIAL CODE.
- 4.) EXTERIOR WINDOWS AND DOORS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R609. ALL GLAZING IS TO COMPLY WITH SECTION R308.
- 5.) IN ACCORDANCE WITH SECTIONS R303.7 & R303.8, ALL INTERIOR AND EXTERIOR STAIRWAYS SHALL BE PROVIDED WITH A MEANS TO ILLUMINATE THE STAIRS, INCLUDING LANDINGS AND TREADS.
- 6.) IN ACCORDANCE WITH SECTION R807.1, AN ATTIC ACCESS OPENING SHALL BE PROVIDED TO ATTIC AREAS THAT EXCEED 30 S.F. AND HAVE A VERTICAL HEIGHT OF 30" OR GREATER. THE ROUGH-FRAMED OPENING SHALL NOT BE LESS THAN 22"x30" AND SHALL BE LOCATED IN A HALLWAY OR OTHER READILY ACCESSIBLE LOCATION.
- 7.) IN ALL FRAMED WALLS, FLOORS AND ROOF/CEILINGS COMPRISING ELEMENTS OF THE BUILDING THERMAL ENVELOPE, A MOISTURE VAPOR RETARDER SHALL BE INSTALLED ON THE WARM-IN-WINTER SIDE OF THE INSULATION IN ACCORDANCE WITH SECTION R317.

JOINT DESCRIPTION

RAFTER TO TOP PLATE (TOE NAILED) CEILING JOIST TO TOP PLATE (TOE-NAILE CEILING JOIST TO PARALLEL RAFTER (F. CEILING JOIST LAPS OVER PARTITIONS (COLLAR TIE TO RAFTER (FACE-NAILED) BLOCKING TO RAFTER (TOE-NAILED) RIM BOARD TO RAFTER (END-NAILED)

TOP PLATE TO TOP PLATE (FACE-NAILED TOP PLATES AT INTERSECTIONS (FACE-N, STUD TO STUD (FACE-NAILED) HEADER TO HEADER (FACE-NAILED) TOP OR BOTTOM PLATE TO STUD (END-N) BOTTOM PLATE TO FLOOR JOIST, BANDJ OR BLOCKING (FACE-NAILED)

JOIST TO SILL, TOP PLATE OR GIRDER (T BRIDGING TO JOIST (TOE-NAILED) BLOCKING TO JOIST (TOE-NAILED) BLOCKING TO SILL OR TOP PLATE (TOE-LEDGER STRIP TO BEAM (FACE-NAILED) JOIST ON LEDGER TO BEAM (TOE-NAILED BAND JOIST TO JOIST (END-NAILED) BAND JOIST TO SILL OR TOP PLATE(TOE

WOOD STRUCTURAL PANELS DIAGONAL BOARD SHEATHING |"x6" or |"x8" I"xIO" or WIDER

GYPSUM WALLBOARD

WOOD STRUCTURAL PANELS STRUCTURAL FIBERBOARD PANELS 1/2"

25/32"

GYPSUM WALLBOARD

HARDBOARD

PARTICLEBOARD PANELS

DIAGONAL BOARD SHEATHING

|"x6" or |"x8" I"xIO" or WIDER

WOOD STRUCTURAL PANELS

I" OR LESS

GREATER THAN I DIAGONAL BOARD SHEATHING |"x6" or |"x8"

I"xIO" or WIDER

- NAILING REQUIREMENTS ARE BASED O ALTERNATIVE NAILING SCHEDULES SHA WALL SHEATHING IS NAILED 3 INCHES REQUIREMENTS FOR STRUCTURAL MEMI MAINTAIN THE LOAD PATH
- 2. WHEN WALL SHEATHING IS CONTINUOUS PERMITTED TO BE REDUCED TO I-16d N
- 8.) WALL AND CEILING FINISHES SHALL H 200 AND A SMOKE-DEVELOPED INDI ACCORDANCE WITH SECTION R302.9
- 9.) INSULATION SHALL HAVE A FLAME-SF INDEX OF NOT GREATER THAN 450 IN
- IO.) INTERIOR WALL COVERING SHALL BE EXTERIOR WALL COVERING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R703.
- THE STREET OR ROAD FRONTING THE PROPERTY.
- PROVIDED IN ACCORDANCE WITH SECTION R311.7.8

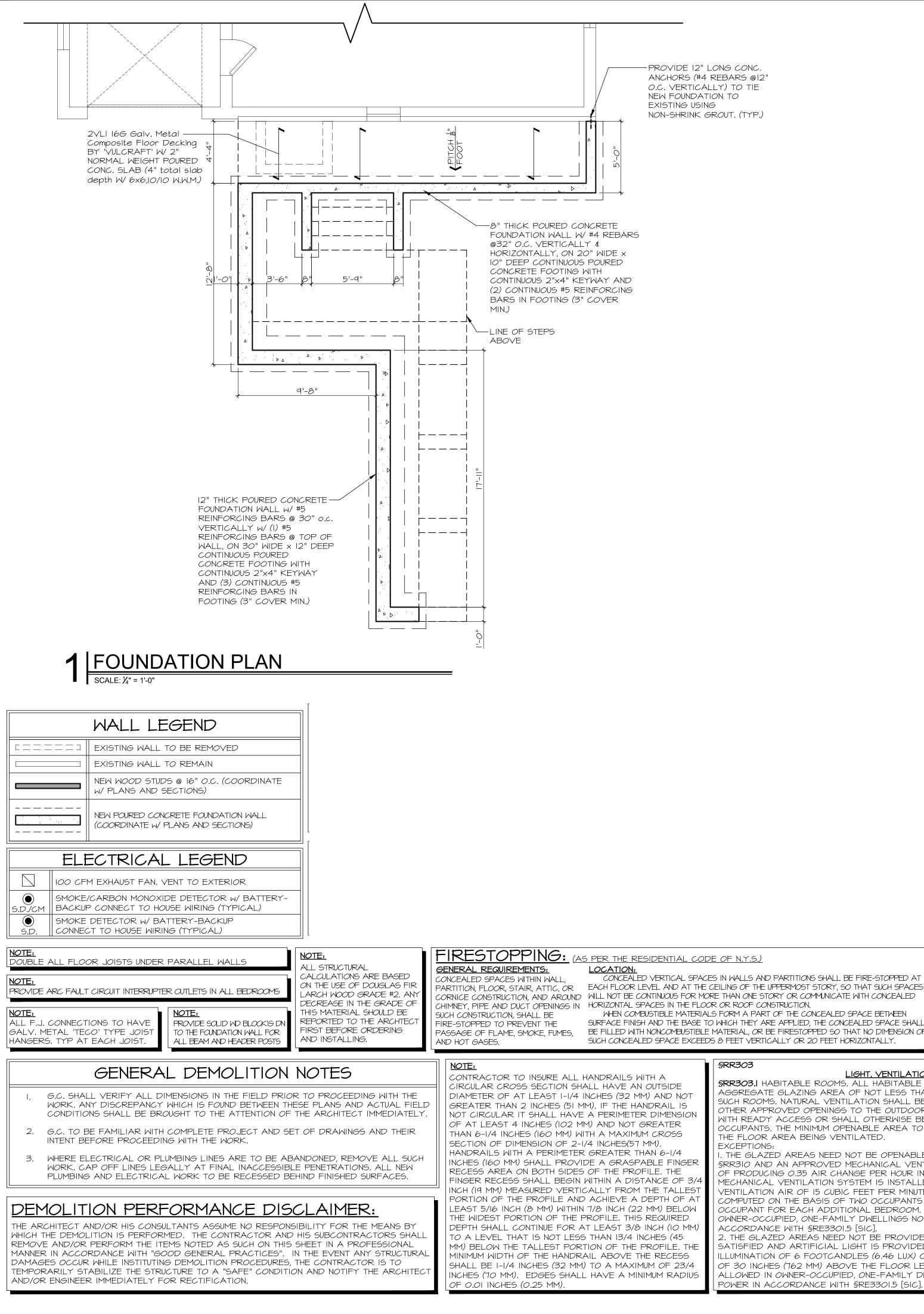
NUMBER OF COMMON NAILS		NUMBER OF BOX NAILS	NAIL SPACING		
ROOF FR	AMING		1		
	(SEE TABLE 3.4A)	(SEE TABLE 3.4A)	PER RAFTER		
>)	(SEE TABLE 3.4A)	(SEE TABLE 3.4A)	PER JOIST		
CE-NAILED)	(SEE TABLE 3.9A) (SEE TABLE 3.9A)	(SEE TABLE 3.9A)	EACH LAP EACH LAP		
ACE-NAILED)	(SEE TABLE 3.6)	(SEE TABLE 3.6)	PER TIE		
	2-8d	2-10d	EACH END		
	2-16d	3-16d	EACH END		
WALL FR	AMING				
	2-16d ¹	2-160 ¹	PER FOOT		
LED)	4-16d	5-16d	JOINTS - EACH SIDE		
	2-16d 16d	2-16d 16d	24" O.C.		
LED)	(SEE TABLE 3.5A)	(SEE TABLE 3.5A)	PER STUD		
ST, ENDJOIST	2-16d ^{1,2}	2-16d ^{1,2}	PER FOOT		
·		2 1001			
FLOOR FR	AMING				
E-NAILED)	4-8d	4-10d	PER JOIST		
	2-8d	2-10d	EACH END		
	2-8d	2-10d	EACH END		
AILED)	3-16d 3-16d	4-16d 4-16d	EACH BLOCK EACH JOIST		
	3-8d	3-10d	PER JOIST		
	3-16d	4-16d	PER JOIST		
IAILED)	2-16d ¹	3-16d	PER FOOT		
ROOF SHE	ATHING				
	Bd	lOd	(SEE TABLE 3.10)		
	2-8d	2-10d	PER SUPPORT		
	3-8d	3-10d	PER SUPPORT		
WALL SHE	Bd	lOd	(SEE TABLE 3.11)		
	II ga. galv. roofing nail(0.120"×1-½" long × %" head	_	3" EDGE / 6" FIELD		
	II ga. galv. roofing nail(0.120"x1- $\frac{3}{4}$ " long x $\frac{3}{6}$ " head	_	3" EDGE / 6" FIELD		
	5d COOLERS	5d COOLERS	7" EDGE / 10" FIELD		
	8d	Bd	(SEE TABLE 3.11)		
	8d	8d	(SEE MANUFACTURER)		
	2-8d	2-10d	PER SUPPORT		
	3-8d	3-10d	PER SUPPORT		
FLOOR SHE	ATHING				
	84	104	6" EDGE / 12" EIELT		
	lOd		6" EDGE / 6" FIELD		
	2-8d	2-10d	PER SUPPORT		
	3-8d	3-10d	PER SUPPORT		
L BE USED WHEN N-CENTER AT TH ERS SHALL BE D	2-8d	2-IOd 3-IOd I-CENTER AT THE PA AILING IS REDUCED. I TAIN HIGHER SHEAR TE CONNECTORS SHA	PER SUPPORT PER SUPPORT NEL EDGE. FOR EXAMPLE, IF CAPACITIES, NAIL ALL BE USED TO		

II.) ASPHALT SHINGLES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R905.2.

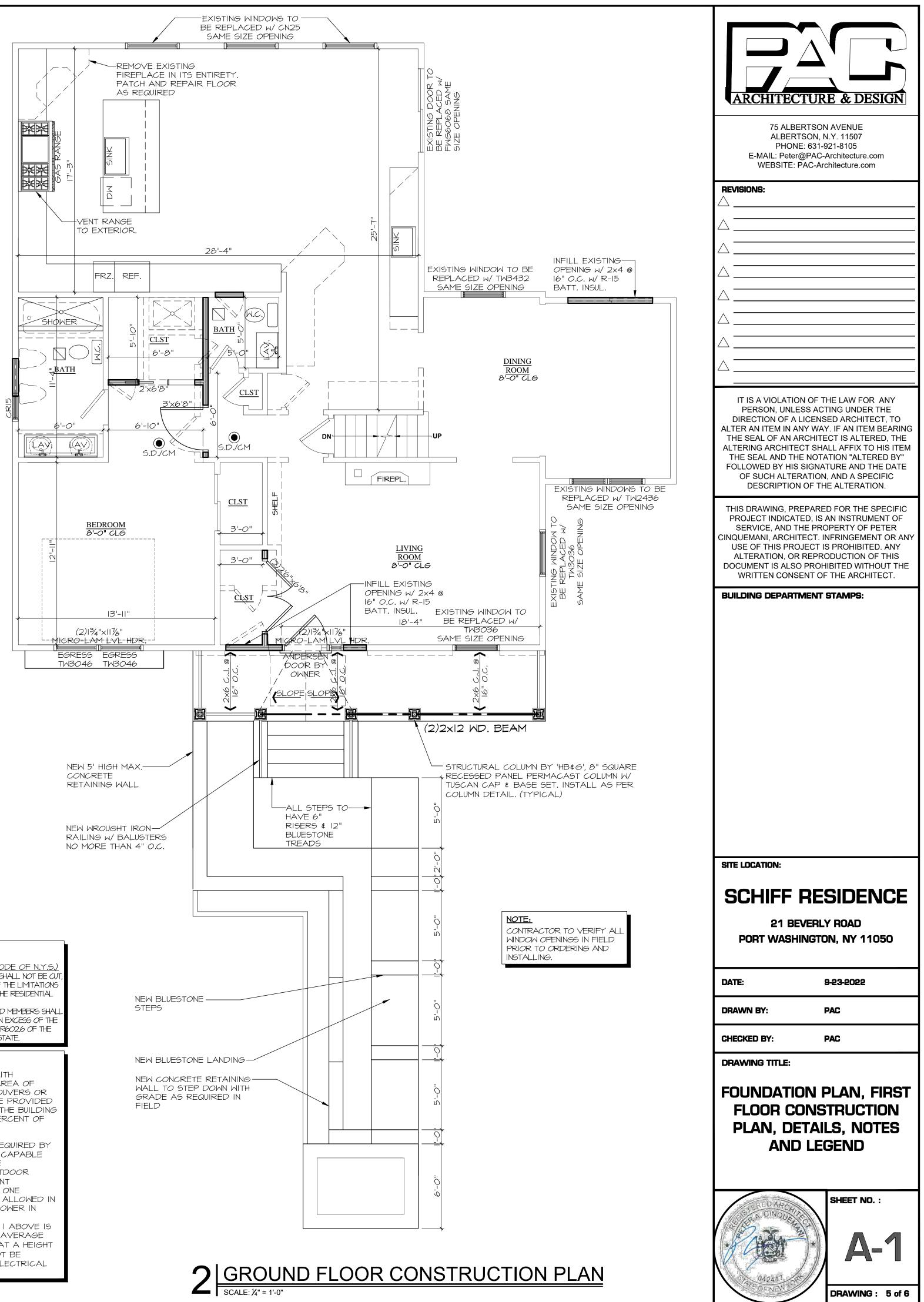
12.) IN ACCORDANCE WITH SECTION R319, APPROVED NUMBERS OR ADDRESSES SHALL BE PROVIDED FOR ALL NEW BUILDINGS IN SUCH A POSTION AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM

13.) STAIRWAYS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R311.7 AND HANDRAILS SHALL BE

ARCHITEC	TURE & DESIGN
ALBERTS PHONE E-MAIL: Peter@	RTSON AVENUE SON, N.Y. 11507 :: 631-921-8105 @PAC-Architecture.com AC-Architecture.com
REVISIONS:	
\triangle	
PERSON, UNLES DIRECTION OF A L ALTER AN ITEM IN AN THE SEAL OF AN AR ALTERING ARCHITEC THE SEAL AND THE FOLLOWED BY HIS S OF SUCH ALTER	N OF THE LAW FOR ANY SS ACTING UNDER THE ICENSED ARCHITECT, TO IY WAY. IF AN ITEM BEARING ACHITECT IS ALTERED, THE CT SHALL AFFIX TO HIS ITEM E NOTATION "ALTERED BY" SIGNATURE AND THE DATE ATION, AND A SPECIFIC OF THE ALTERATION.
PROJECT INDICATE SERVICE, AND TH CINQUEMANI, ARCHIT USE OF THIS PROJ ALTERATION, OR	EPARED FOR THE SPECIFIC ED, IS AN INSTRUMENT OF IE PROPERTY OF PETER ECT. INFRINGEMENT OR ANY JECT IS PROHIBITED. ANY REPRODUCTION OF THIS PROHIBITED WITHOUT THE
	RESIDENCE
21 BE\	Verly Road Ngton, Ny 11050
DATE:	9-23-2022
DRAWN BY:	PAC
CHECKED BY:	PAC
DRAWING TITLE:	
	ING CODE EDULES
ST CINOUS	SHEET NO. :



PROVIDE 12" LONG CONC. ANCHORS (#4 REBARS @12" O.C. VERTICALLY) TO TIE NEW FOUNDATION TO NON-SHRINK GROUT. (TYP.)



CONCEALED VERTICAL SPACES IN WALLS AND PARTITIONS SHALL BE FIRE-STOPPED AT

WHEN COMBUSTIBLE MATERIALS FORM A PART OF THE CONCEALED SPACE BETWEEN SURFACE FINISH AND THE BASE TO WHICH THEY ARE APPLIED, THE CONCEALED SPACE SHALL BE FILLED WITH NONCOMBUSTIBLE MATERIAL, OR BE FIRESTOPPED SO THAT NO DIMENSION OF SUCH CONCEALED SPACE EXCEEDS & FEET VERTICALLY OR 20 FEET HORIZONTALLY.

NOTCHING: (AS PER THE RESIDENTIAL CODE OF N.Y.S

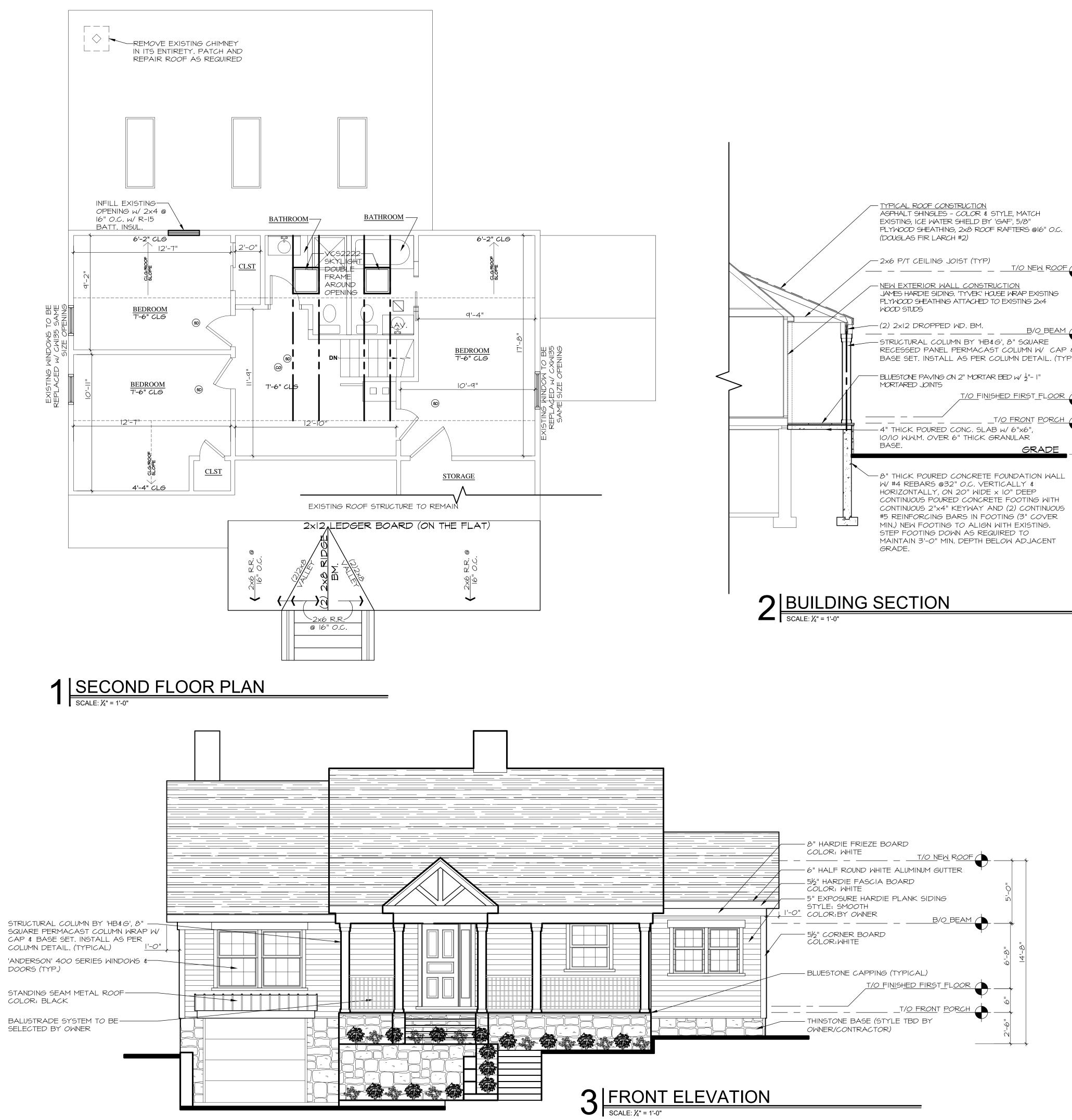
STRUCTURAL FLOOR MEMBERS SHALL NOT BE CL BORED, OR NOTCHED IN EXCESS OF THE LIMITATIONS SPECIFIED IN SECTION R502.8 OF THE RESIDENTIAL CODE OF N.Y.S. ANY STRUCTURAL WALL OR STUD MEMBERS SHAL

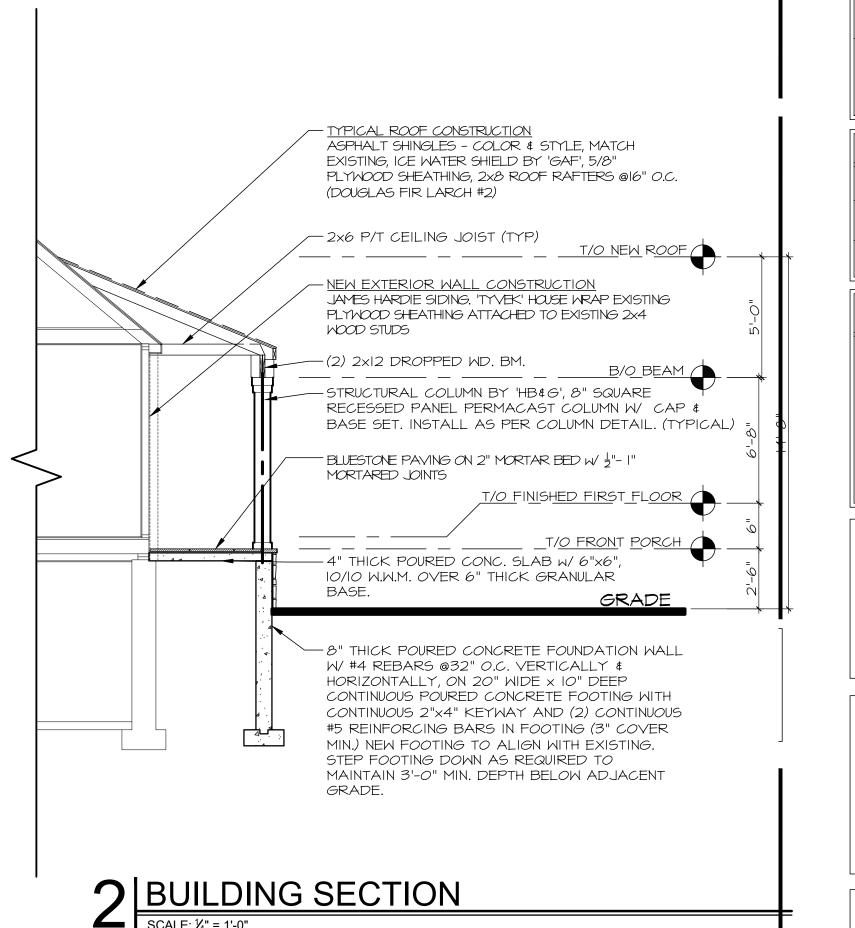
NOT BE CUT, BORED, OR NOTCHED IN EXCESS OF THE LIMITATIONS SPECIFIED IN SECTION R602.6 OF THE RESIDENTIAL CODE OF NEW YORK STATE.

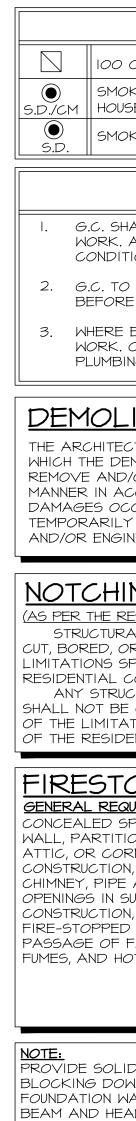
	§RR303
	LIGHT, VENTILATION AND HEATING
	SRR303.1 HABITABLE ROOMS. ALL HABITABLE ROOMS SHALL BE PROVIDED WITH
	AGGREGATE GLAZING AREA OF NOT LESS THAN 8 PERCENT OF THE FLOOR ARE
	SUCH ROOMS. NATURAL VENTILATION SHALL BE THROUGH WINDOWS, DOORS, LOUV
	OTHER APPROVED OPENINGS TO THE OUTDOOR AIR. SUCH OPENINGS SHALL BE PR
N	WITH READY ACCESS OR SHALL OTHERWISE BE READILY CONTROLLABLE BY THE
	OCCUPANTS. THE MINIMUM OPENABLE AREA TO THE OUTDOORS SHALL BE 4 PERCE
	THE FLOOR AREA BEING VENTILATED.
	EXCEPTIONS:
	I. THE GLAZED AREAS NEED NOT BE OPENABLE WHERE THE OPENING IS NOT REQU
2	SRR310 AND AN APPROVED MECHANICAL VENTILATION SYSTEM IS PROVIDED CAI
	OF PRODUCING 0.35 AIR CHANGE PER HOUR IN THE ROOM OR A WHOLE-HOUSE
/4	MECHANICAL VENTILATION SYSTEM IS INSTALLED CAPABLE OF SUPPLYING OUTDO
БТ	VENTILATION AIR OF 15 CUBIC FEET PER MINUTE (CFM) (7.08 L/S) PER OCCUPANT
τ	COMPUTED ON THE BASIS OF TWO OCCUPANTS FOR THE FIRST BEDROOM AND ON
1	OCCUPANT FOR EACH ADDITIONAL BEDROOM. THIS EXCEPTION SHALL NOT BE AL

OWNER-OCCUPIED, ONE-FAMILY DWELLINGS NOT SUPPLIED WITH ELECTRICAL POWER IN ACCORDANCE WITH SRE3301.5 [SIC]. 2. THE GLAZED AREAS NEED NOT BE PROVIDED IN ROOMS WHERE EXCEPTION I ABOVE IS

SATISFIED AND ARTIFICIAL LIGHT IS PROVIDED CAPABLE OF PRODUCING AN AVERAGE ILLUMINATION OF 6 FOOTCANDLES (6.46 LUX) OVER THE AREA OF THE ROOM AT A HEIGHT OF 30 INCHES (762 MM) ABOVE THE FLOOR LEVEL. THIS EXCEPTION SHALL NOT BE ALLOWED IN OWNER-OCCUPIED, ONE-FAMILY DWELLINGS NOT SUPPLIED WITH ELECTRICAL POWER IN ACCORDANCE WITH SRE3301.5 [SIC].







CONTRACTOR OUTSIDE DIAM THE HANDRAIL (102 MM) AND DIMENSION OF MM) SHALL PR FINGER RECES THE TALLEST 7/8 INCH (22 M CONTINUE FOR BELOW THE TA RECESS SHALL HAVE A MINIML

\$RR303

SRR303.1 HAE GLAZING ARE VENTILATION S TO THE OUTDO OTHERWISE BE AREA TO THE EXCEPTIONS: I. THE GLAZED SRR310 AND PRODUCING O VENTILATION : CUBIC FEET P OCCUPANTS F THIS EXCEPTION SUPPLIED WITH 2. THE GLAZE SATISFIED AN ILLUMINATION INCHES (762 M OWNER-OCCUF ACCORDANCE

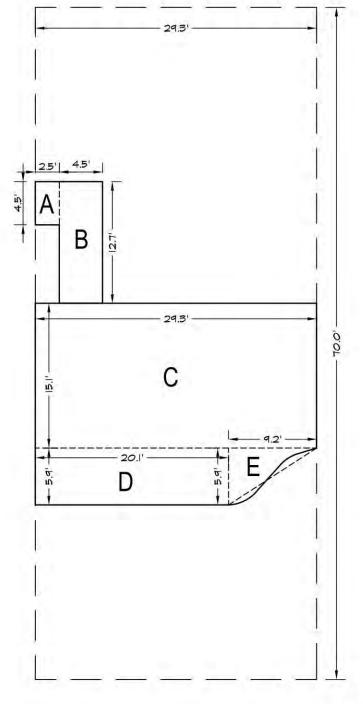
		ARCHITECTURE & DESIGN
	WALL LEGEND	75 ALBERTSON AVENUE
c====	EXISTING WALL TO BE REMOVED	ALBERTSON, N.Y. 11507 PHONE: 631-921-8105
	EXISTING WALL TO REMAIN	E-MAIL: Peter@PAC-Architecture.com WEBSITE: PAC-Architecture.com
	NEW WOOD STUDS @ 16" O.C. (COORDINATE W/ PLANS AND SECTIONS)	REVISIONS:
	NEW POURED CONCRETE FOUNDATION WALL (COORDINATE W/ PLANS AND SECTIONS)	
	ELECTRICAL LEGEND	
100 CFN	1 EXHAUST FAN. VENT TO EXTERIOR	
	CARBON MONOXIDE DETECTOR W/ BATTERY-BACKUP. CONNECT TO NIRING (TYPICAL)	\bigtriangleup
	DETECTOR W/ BATTERY-BACKUP. CONNECT TO HOUSE WIRING (TYPICAL)	
5.0.		\triangle
	GENERAL DEMOLITION NOTES	\bigtriangleup
WORK. ANT	VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO PROCEEDING WITH THE DISCREPANCY WHICH IS FOUND BETWEEN THESE PLANS AND ACTUAL FIELD	
	S SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.	IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE
	ROCEEDING WITH THE WORK.	DIRECTION OF A LICENSED ARCHITECT, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING
WORK. CAI	CTRICAL OR PLUMBING LINES ARE TO BE ABANDONED, REMOVE ALL SUCH P OFF LINES LEGALLY AT FINAL INACCESSIBLE PENETRATIONS. ALL NEW	THE SEAL OF AN ARCHITECT IS ALTERED, THE ALTERING ARCHITECT SHALL AFFIX TO HIS ITEM
MLUMBING	AND ELECTRICAL WORK TO BE RECESSED BEHIND FINISHED SURFACES.	THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC
DEMOLIT	ION PERFORMANCE DISCLAIMER:	DESCRIPTION OF THE ALTERATION.
	AND/OR HIS CONSULTANTS ASSUME NO RESPONSIBILITY FOR THE MEANS BY LITION IS PERFORMED. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL	THIS DRAWING, PREPARED FOR THE SPECIFIC PROJECT INDICATED, IS AN INSTRUMENT OF
REMOVE AND/OR MANNER IN ACCC	PERFORM THE ITEMS NOTED AS SUCH ON THIS SHEET IN A PROFESSIONAL PROFESSIONAL PRACTICES". IN THE EVENT ANY STRUCTURAL	SERVICE, AND THE PROPERTY OF PETER CINQUEMANI, ARCHITECT. INFRINGEMENT OR ANY
TEMPORARILY ST	R WHILE INSTITUTING DEMOLITION PROCEDURES, THE CONTRACTOR IS TO TABILIZE THE STRUCTURE TO A "SAFE" CONDITION AND NOTIFY THE ARCHITECT	USE OF THIS PROJECT IS PROHIBITED. ANY ALTERATION, OR REPRODUCTION OF THIS
AND/OR ENGINEE	R IMMEDIATELY FOR RECTIFICATION.	DOCUMENT IS ALSO PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.
NOTCHING	ALL STRUCTURAL CALCULATIONS ARE	BUILDING DEPARTMENT STAMPS:
STRUCTURAL	DENTIAL CODE OF N.Y.S.) BASED ON THE USE OF DOUGLAS FIR FLOOR MEMBERS SHALL NOT BE LARCH WOOD GRADE #2. ANY DECREASE	
	IN THE GRADE OF THIS MATERIAL SHOULD BE REPORTED TO THE ARCHITECT FIRST DE OF N.Y.S. BEFORE ORDERING AND INSTALLING.	
ANY STRUCTU SHALL NOT BE CU	RAL WALL OR STUD MEMBERS T, BORED, OR NOTCHED IN EXCESS	
	NS SPECIFIED IN SECTION R602.6 IAL CODE OF NEW YORK STATE.	
FIRESTO	PING: (AS PER THE RESIDENTIAL CODE OF N.Y.S.)	
GENERAL REQUIR	EMENTS: LOCATION: CES WITHIN CONCEALED VERTICAL SPACES IN WALLS AND	
WALL, PARTITION, ATTIC, OR CORNIC	LEVEL AND AT THE CEILING OF THE UPPERMOST STORY, SO	
CONSTRUCTION, AI CHIMNEY, PIPE AN OPENINGS IN SUCH	D DUCT THAN ONE STORY OR COMMUNICATE WITH CONCEALED	
CONSTRUCTION, SH FIRE-STOPPED TC	ALL BE CONSTRUCTION. PREVENT THE WHEN COMBUSTIBLE MATERIALS FORM A PART OF THE	
PASSAGE OF FLA FUMES, AND HOT (
	OR BE FIRESTOPPED SO THAT NO DIMENSION OF SUCH CONCEALED SPACE EXCEEDS 8 FEET VERTICALLY OR 20	
	FEET HORIZONTALLY.	SITE LOCATION:
PROVIDE SOLID M BLOCKING DOWN FOUNDATION WALL	TO THE HAVE GALV. METAL 'TECO' INTERRUPTER OUTLETS IN ALL	
BEAM AND HEADE		SCHIFF RESIDENCE
	NSURE ALL HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN R OF AT LEAST I-1/4 INCHES (32 MM) AND NOT GREATER THAN 2 INCHES (51 MM). IF	21 Beverly Road Port Washington, Ny 11050
(102 MM) AND NOT DIMENSION OF 2-1/	NOT CIRCULAR IT SHALL HAVE A PERIMETER DIMENSION OF AT LEAST 4 INCHES GREATER THAN 6-1/4 INCHES (160 MM) WITH A MAXIMUM CROSS SECTION OF (4 INCHES(57 MM). HANDRAILS WITH A PERIMETER GREATER THAN 6-1/4 INCHES (160 DE A GRASPABLE FINGER RECESS AREA ON BOTH SIDES OF THE PROFILE. THE	DATE: 9-23-2022
FINGER RECESS SH THE TALLEST POR 7/8 INCH (22 MM) E	HALL BEGIN WITHIN A DISTANCE OF 3/4 INCH (19 MM) MEASURED VERTICALLY FROM TION OF THE PROFILE AND ACHIEVE A DEPTH OF AT LEAST 5/16 INCH (8 MM) WITHIN BELOW THE WIDEST PORTION OF THE PROFILE. THIS REQUIRED DEPTH SHALL	DRAWN BY: PAC
BELOW THE TALLE RECESS SHALL BE	LEAST 3/8 INCH (IO MM) TO A LEVEL THAT IS NOT LESS THAN 13/4 INCHES (45 MM) ST PORTION OF THE PROFILE. THE MINIMUM WIDTH OF THE HANDRAIL ABOVE THE I-1/4 INCHES (32 MM) TO A MAXIMUM OF 23/4 INCHES (70 MM). EDGES SHALL	CHECKED BY: PAC
HAVE A MINIMUM R	ADIUS OF O.OI INCHES (0.25 MM).	DRAWING TITLE:
§RR303	LIGHT, VENTILATION AND HEATING	
GLAZING AREA O	BLE ROOMS. ALL HABITABLE ROOMS SHALL BE PROVIDED WITH AGGREGATE F NOT LESS THAN & PERCENT OF THE FLOOR AREA OF SUCH ROOMS. NATURAL	ROOF FRAMING PLAN, FRONT ELEVATION,
TO THE OUTDOOR	LL BE THROUGH WINDOWS, DOORS, LOUVERS OR OTHER APPROVED OPENINGS AIR. SUCH OPENINGS SHALL BE PROVIDED WITH READY ACCESS OR SHALL EADILY CONTROLLABLE BY THE BUILDING OCCUPANTS. THE MINIMUM OPENABLE	BUILDING SECTION,
EXCEPTIONS:	DOORS SHALL BE 4 PERCENT OF THE FLOOR AREA BEING VENTILATED.	DETAILS, NOTES AND
SRR310 AND AN A	REAS NEED NOT BE OPENABLE WHERE THE OPENING IS NOT REQUIRED BY APPROVED MECHANICAL VENTILATION SYSTEM IS PROVIDED CAPABLE OF AIR CHANGE PER HOUR IN THE ROOM OR A WHOLE-HOUSE MECHANICAL	LEGEND
VENTILATION SYS CUBIC FEET PER N	TEM IS INSTALLED CAPABLE OF SUPPLYING OUTDOOR VENTILATION AIR OF 15 1INUTE (CFM) (7.08 L/S) PER OCCUPANT COMPUTED ON THE BASIS OF TWO	
THIS EXCEPTION S	THE FIRST BEDROOM AND ONE OCCUPANT FOR EACH ADDITIONAL BEDROOM. HALL NOT BE ALLOWED IN OWNER-OCCUPIED, ONE-FAMILY DWELLINGS NOT ECTRICAL POWER IN ACCORDANCE WITH \$RE3301.5 [SIC].	SHEET NO. :
2. THE GLAZED A	ECTRICAL POWER IN ACCORDANCE WITH SRE3301.5 [SIC]. REAS NEED NOT BE PROVIDED IN ROOMS WHERE EXCEPTION I ABOVE IS RTIFICIAL LIGHT IS PROVIDED CAPABLE OF PRODUCING AN AVERAGE	
ILLUMINATION OF (INCHES (762 MM) ,	6 FOOTCANDLES (6.46 LUX) OVER THE AREA OF THE ROOM AT A HEIGHT OF 30 ABOVE THE FLOOR LEVEL. THIS EXCEPTION SHALL NOT BE ALLOWED IN	
	, ONE-FAMILY DWELLINGS NOT SUPPLIED WITH ELECTRICAL POWER IN TH §RE3301.5 [SIC].	947 042451 SE
		DRAWING: 6 of 6

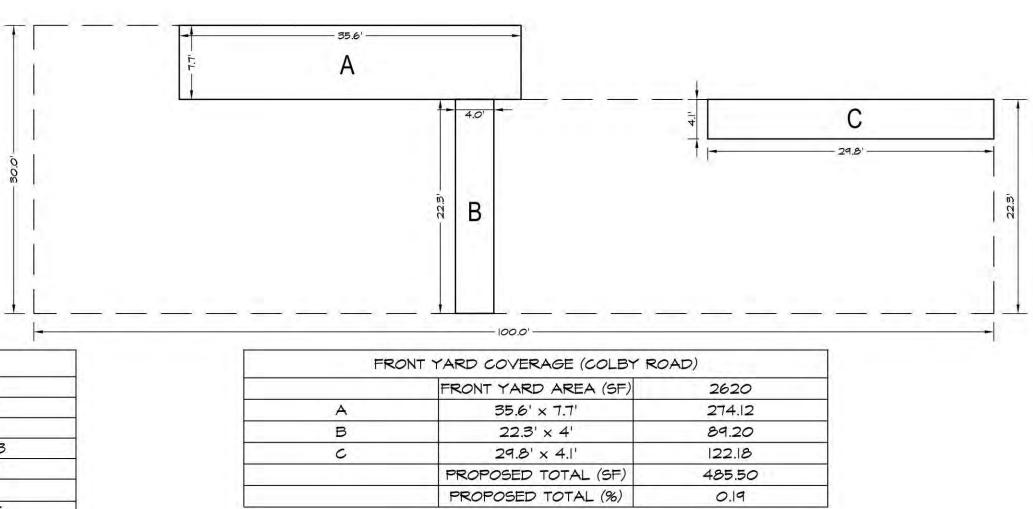
ZONING INFORMATION				
TOWN O	F NORTH H	EMPSTEA	D	
SECTIC	DN: 6 BLOCK: 42	2 LOT(S): 119		
ZONE: RES. B	REQUIRED	EXISTING	PROPOSED	
LOT AREA	6,000 SQ.FT.	7,000 SQ.FT.	7,000 SQ.FT.	
LOT WIDTH	50 FT.	70 FT.	NO CHANGE	
FRONT YARD (COLONIAL)	30 FT.	29.3 FT.	NO CHANGE	
FRONT YARD (COLBY)	25 FT.	22.3 FT.	NO CHANGE	
REAR YARD	15 FT.	24.15 FT.	15.15 FT.	
SIDE YARD	7 FT.	12.5 FT.	NO CHANGE	
BUILDING HEIGHT	30 FT./2.5 STRY	± 25 FT.	28.8 FT.	
LOT COVERAGE	30 %	16.2 %	27.9 %	
GROSS FLOOR AREA	45 %	27.1 %	41.1 %	
GROSS FLOOR AREA	3,150 SQ.FT.	1,901.07 SQ.FT.	2,879.93 SQ.FT.	
SKY EXPOSURE	3√:IH	N/A	N/A	
FRONT YARD PAVING (COLONIAL)	45 %	24.8 %	32 %	
FRONT YARD PAVING (COLBY)	45 %	5 %	18.5 %	
EAVE HEIGHT	22 FT.	18 FT.	18 FT.	

THIS IS AN ARCHITECTS PLOT PLAN \$ IS SUBJECT TO VERIFICATION BY A LICENSED SURVEYOR. INFORMATION OBTAIN FROM SURVEY PREPARED BY: A.AGUJO SURVEYING INC. SURVEY DATE:

ZONE: RES. B	SQ. FOOTAGE
LOT AREA	7,000 SQ.FT.
EXISTING FIRST FLOOR (INC. GARAGE)	1,128.17
EXISTING SECOND FLOOR	767.2
PROPOSED FIRST FLOOR (INC. GARAGE)	1,466.93
PROPOSED SECOND FLOOR	1,413
EXISTING TOTAL	1,895.37 SQ.FT.
	27.1 %
PROPOSED TOTAL	2,879.93 SQ.FT
	41.1 %

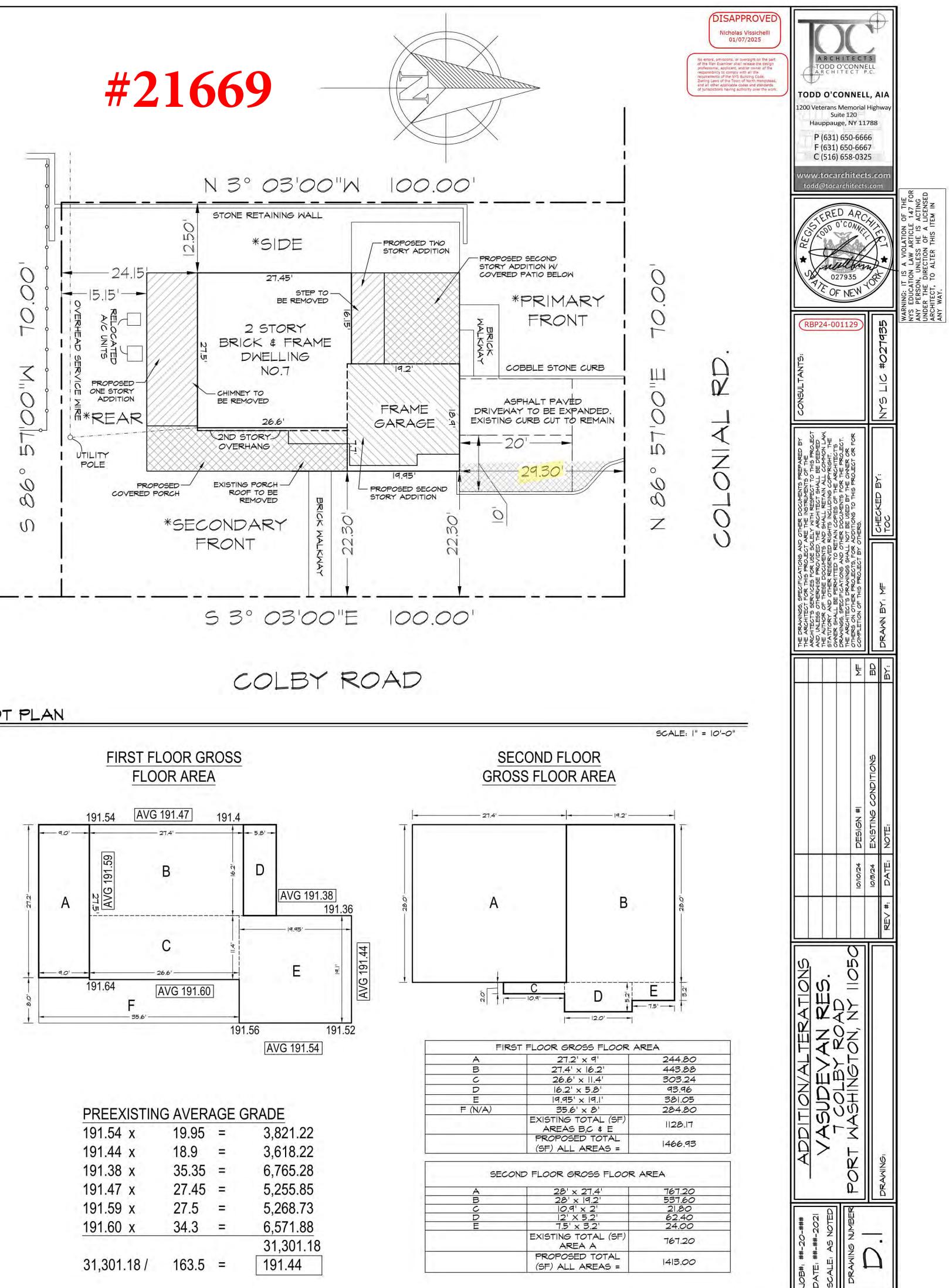
	LOT COVER
ZONE: RES	В
LOT AREA	
EXISTING D	WELLING
PROPOSED	FRONT PORCH
PROPOSED	ONE STORY ADDITION
PROPOSED	TWO STORY ADDITION
	SECOND STORY ADDITIO RED PATIO BELOW
	EXISTING TOT
	PROPOSED TOT



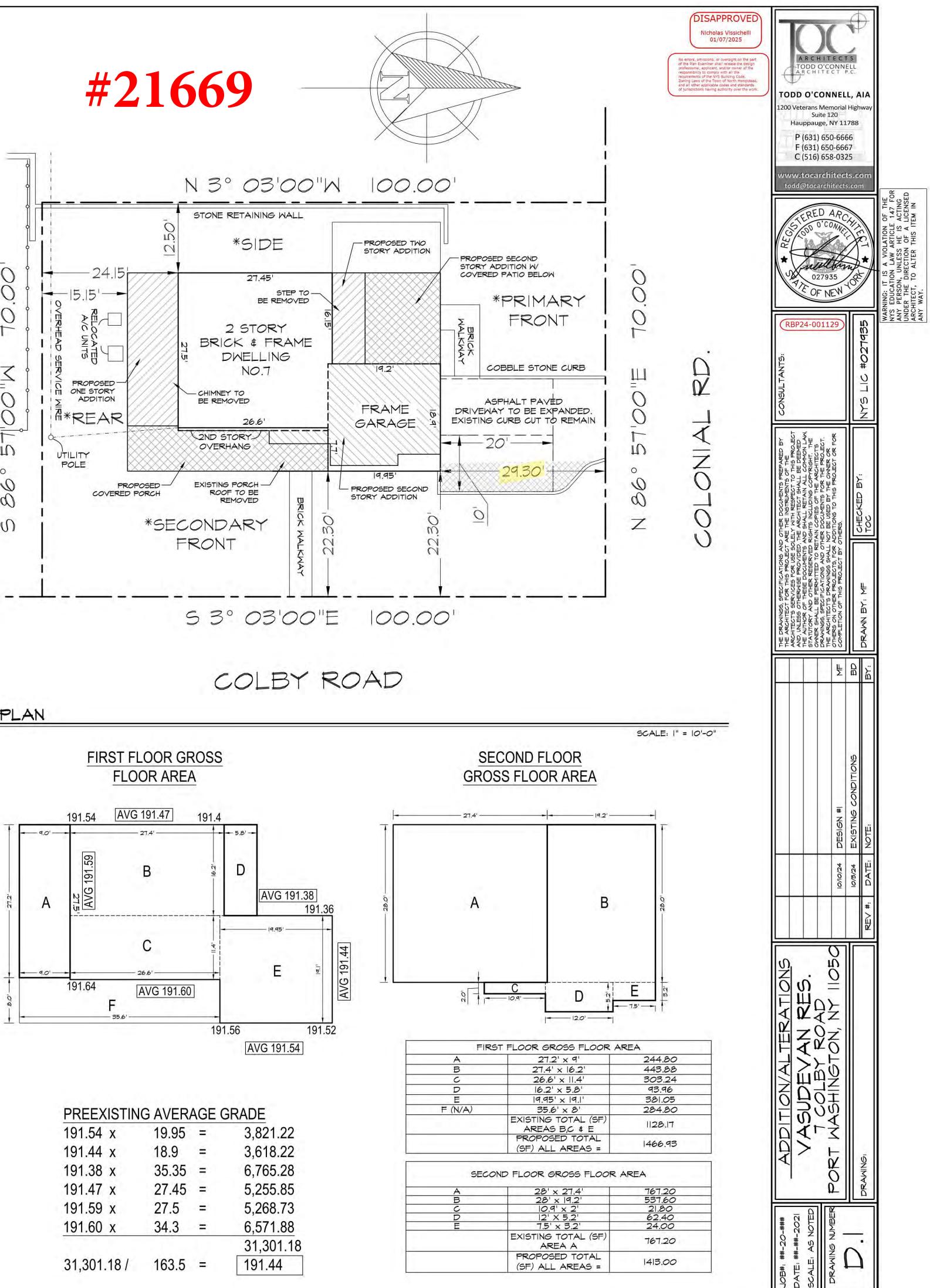


	FRONT YARD AREA (S
A	35.6' × 7.7'
В	22.3' × 4'
C	29.8' × 4.1'
	PROPOSED TOTAL (S
	PROPOSED TOTAL (9

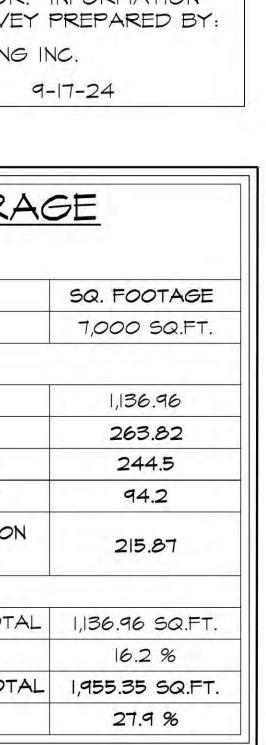
FRC	ONT YARD COVERAGE (COLONIAL F	road)
	FRONT YARD AREA (SF)	2051
A	4.5' × 2.5'	11.25
в	12.7' × 4.5'	57.15
C	29.3' × 15.1'	442.45
D	20.1' x 5.9'	118.59
E	½(5.9' × 9.2')	27.14
	PROPOSED TOTAL (SF)	656.56
	PROPOSED TOTAL (%)	0.32

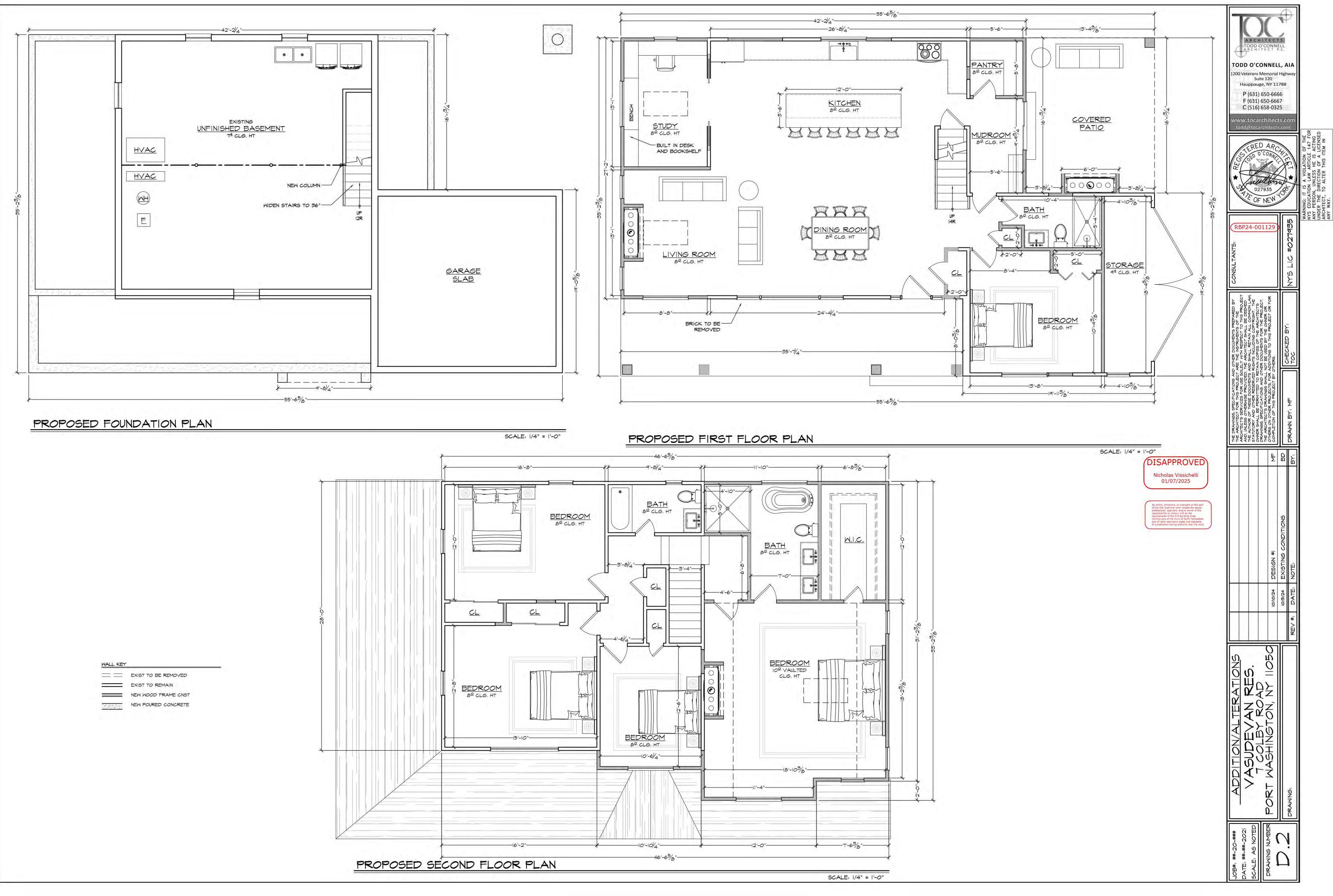


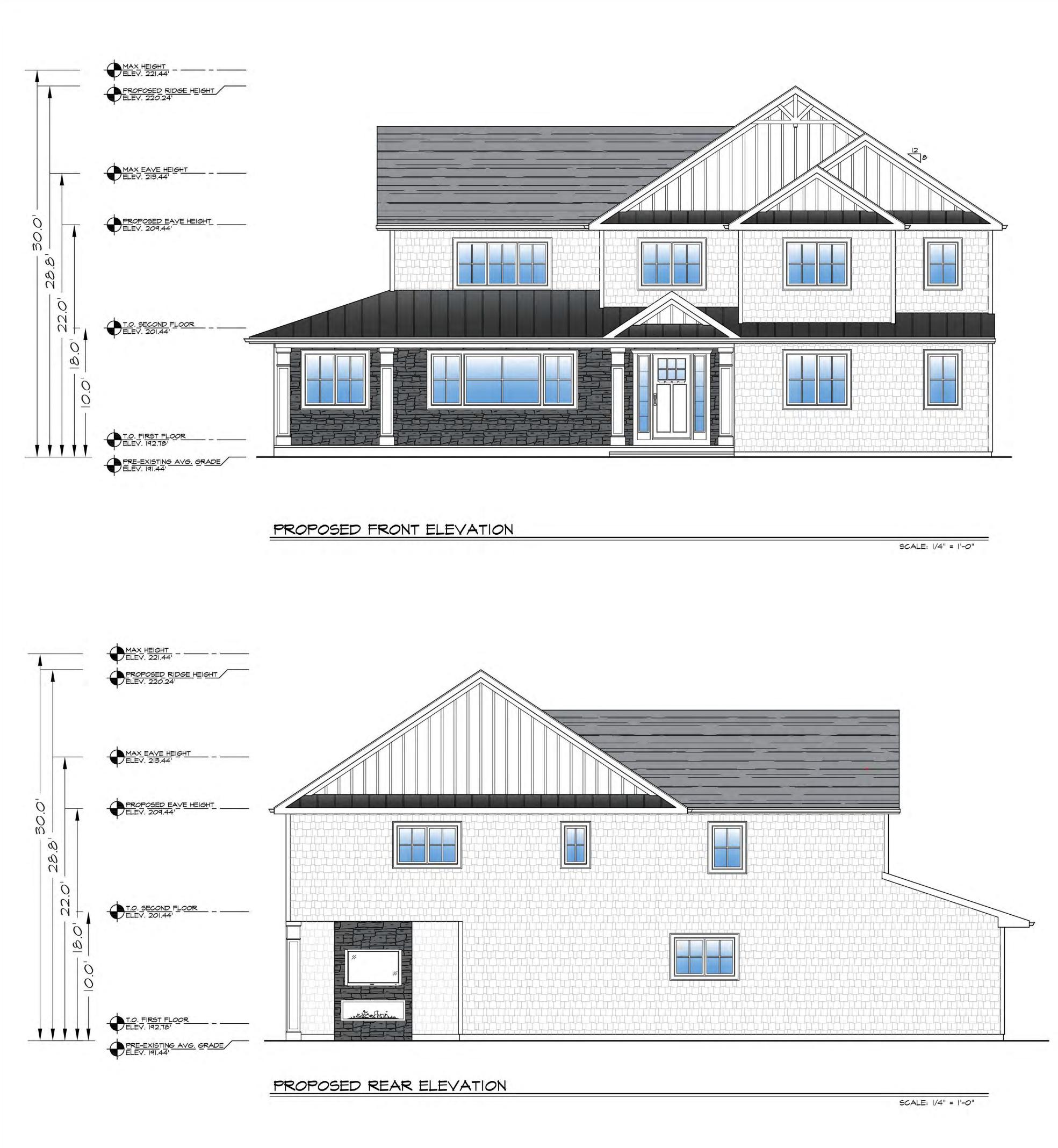
PLOT PLAN

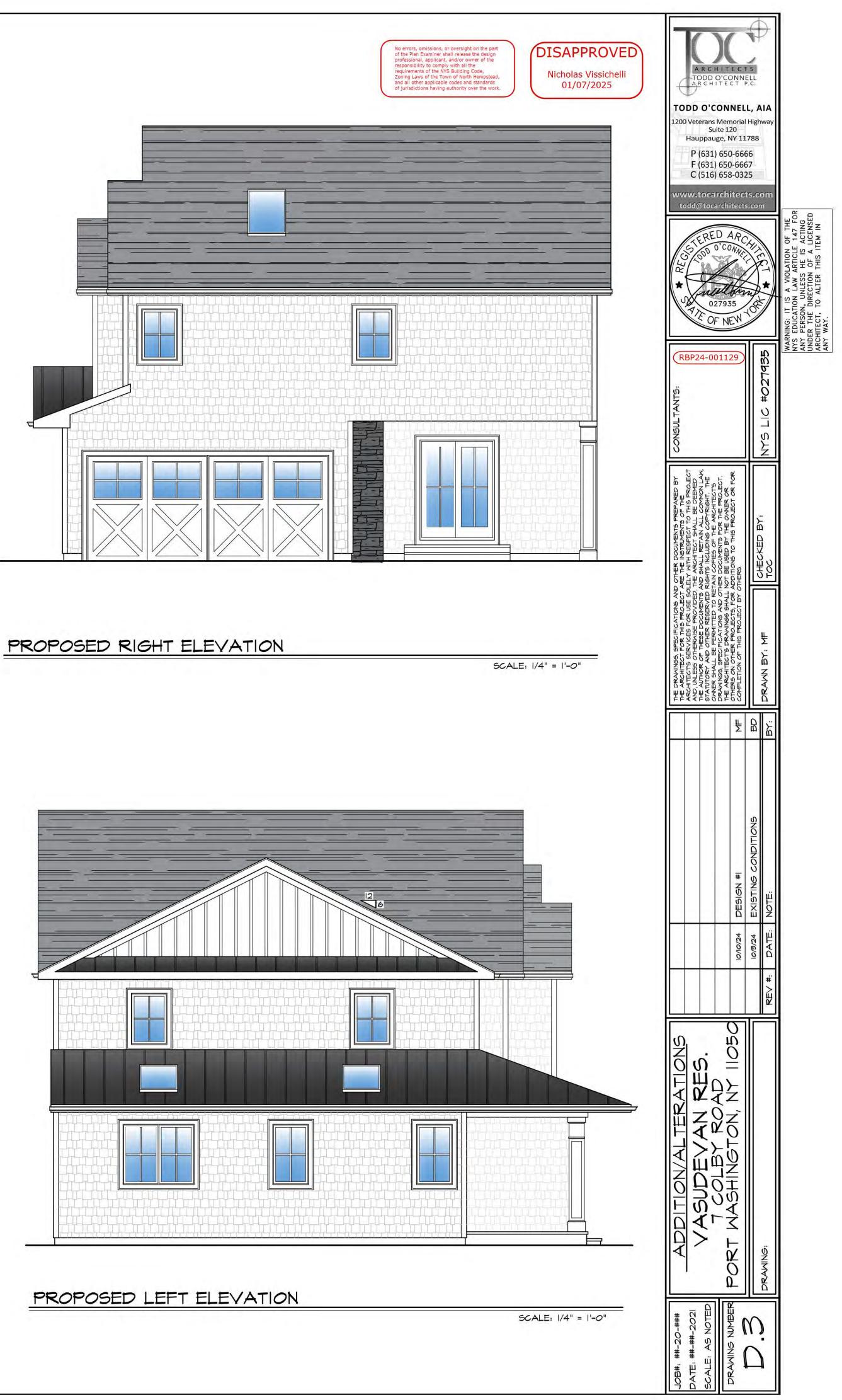


191.54 x	19.95	Ξ	3,821.22
191.44 x	18.9	=	3,618.22
191.38 x	35.35	=	6,765.28
191.47 x	27.45	=	5,255.85
191.59 x	27.5	=	5,268.73
191.60 x	34.3	Ξ	6,571.88
	- 0 -	69	31,301.18
31,301.18 /	163.5	÷.	191.44







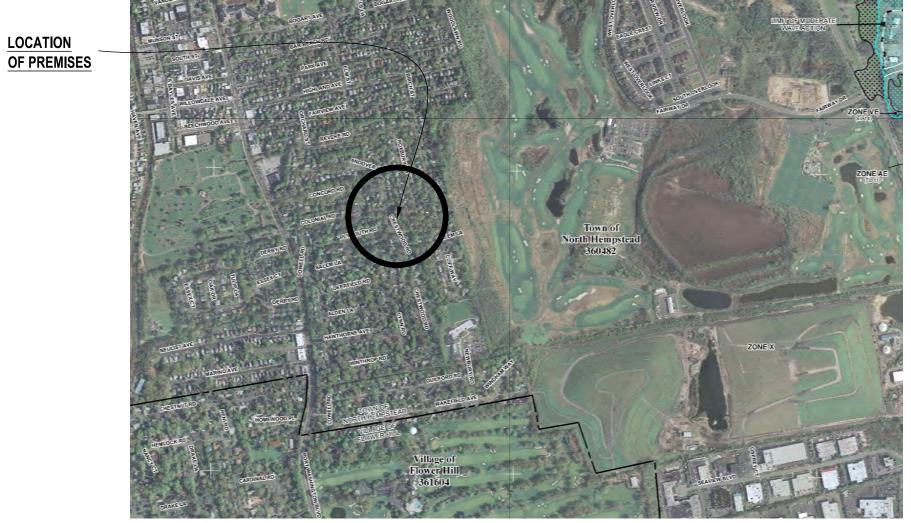




ENERAL NOTES	ZONING A	NALYSI	S	
NO CONSTRUCTION OR DEMOLITION WORK TO COMMENCE BEFORE BUILDING DEPARTMENT HAVING JURISDICTION ISSUES A	ADDRESS: 32 CR	ESTWOOD ROA	ND, PORT WASHINGTO	
BUILDING PERMIT. THE DESIGNER <u>HAS NOT</u> BEEN RETAINED FOR ANY CONSTRUCTION REVIEW AND/OR INSPECTION. HIS RESPONSIBILITY IS	BLOCK ZONING DISTRICT	46 R-B	-	T 8,9,10,11 & 40 P N/A
LIMITED TO THE CONTENTS OF THESE PLANS ONLY. ALL WORK SHALL CONFORM TO THE RESIDENTIAL CODE OF NEW YORK STATE AND SHALL CONFORM TO ALL THE	LOT AREA		JLAR (AS PER SURVEY	
RECOMMENDATIONS AND REQUIREMENTS OF ANY OTHER AUTHORITIES HAVING JURISDICTION. THE CONTRACTOR SHALL OBTAIN AND ARRANGE FOR ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES, TESTS AND SURVEYS.	SCOPE OF WORK	onlargement to a	xisting two story one fan	nily. New exterior
THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE STARTING CONSTRUCTION AND SHALL NOTIFY THE DESIGNER OF ANY AMBIGUITIES OR DISCREPANCIES BEFORE PROCEEDING WITH THE WORK. IF ANY			New vinyl siding around	
QUESTIONS ARISE BEFORE OR DURING CONSTRUCTION AS TO THE INTENT OR DETAILS OF THE DRAWINGS, THE CONTRACTOR SHALL CALL THE DESIGNER FOR CLARIFICATION AND/OR INSTRUCTIONS. IF THE CONTRACTOR FAILS TO	MIN LOT AREA OR	WIDTH FOR RES	SIDENCES [R-B ZONE]	
FOLLOW THE FOLLOWING PROCEDURE, HE SHALL ASSUME THE RESPONSIBILITY FOR THE CONSEQUENCES OF HIS ACTIONS AND/OR DECISIONS.	LOT AREA (Zoning §70-3	27)	REQUIRED	
CONTRACTOR IS REQUIRED TO PROVIDE HOMEOWNER WITH ALL REQUIRED LICENSES, INSURANCE CERTIFICATES AND INSURANCE COVERAGE'S.	WIDTH (Zoning §70-	,	6000 SF 50.00'	
CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS AND ACTIONS TO SAFEGUARD THE RESIDENCE AND ITS		KDOWN (Zonin	q §70-39/§70-231) (SEE	
CONTENTS FROM THE ELEMENTS DURING CONSTRUCTION. CONTRACTOR TO FOLLOW ALL MANUFACTURERS SPECS FOR THE INSTALLATION OF EQUIPMENT, PRODUCTS AND SYSTEM			<u>y y 0-33, y 10-237) (022</u>	
EQUIPMENT. THE OWNER SHALL ARRANGE FOR THE SUPERVISION OF THE CONSTRUCTION WORK TO INSURE COMPLIANCE WITH THE	RES. FLOOR		PROP. S.F NOTES	
CONTRACT DOCUMENTS. NO DRAWINGS SHALL BE SCALED: WRITTEN DIMENSIONS SHALL BE USED ONLY.	CELLAR 1ST FL		ne gross floor area." (§70-231 - 0.00	
ALL LUMBER FOR JOISTS AND RAFTERS SHALL BE HEM-FIR #2 HAVING A MIN. REPETITIVE FIBER STRESS OF 850 P.S.I.,	2ND FL.	1,083.59	597.87	
MARKED PRIOR TO DELIVERY TO JOB SITE, AND A MIN. BEARING OF 4" (UNLESS OTHERWISE NOTED) ALL ELECTRIC WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE RESIDENTIAL CODE OF NEW YORK STATE;	ATTIC		non-habitable and non-occup ne gross floor area." (§70-231 -	
CHAPTERS 33, 34, 35, 36, 37, 38, 39, 40, AND 42 AND ALL APPLICABLE LOCAL CODES. UNDERWRITER'S CERTIFICATE SHALL BE OBTAINED AND PRESENTED TO THE OWNER UPON COMPLETION OF ALL			GROSS RESIDI	ENTIAL FLOOR A
ELECTRICAL WORK. ALL PLUMBING WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH THE RESIDENTIAL CODE OF NEW YORK STATE;	FLOOR AREA FOR	RESIDENCES A	SPER (Zoning §70-39)	C & §70-39 C(1))
CHAPTERS 25, 26, 27, 28, 29, 30, 31, AND 32 AND ALL APPLICABLE LOCAL CODES AND HEALTH DEPARTMENT REQUIREMENTS.	LOT AREA = 12,148.05		MAX. AS PER CODE	REQ. F
ALL AREAS WITHIN BATHROOM TO BE 5/8" WATER RESISTANT GYPSUM BOARD. INSULATE ALL PIPING AND DUCTWORK IN ATTIC AND CRAWL SPACES WITH 1" INSULATION ON ALL DUCTS; 1 1/2" INSULATION			all be erected unless it	
ON ALL PIPING; 3/4" INSULATION ON ALL WATER SERVICE SUPPLY PIPING. CAULK AND FINISH ALL WINDOWS AND DOORS AS REQUIRED.	Article IV, R-B. §70-39 A		e floor area of at least 1,000 square feet.	<u>></u> 1,000 SF
INSTALL METAL FLASHING AROUND ALL ROOF PENETRATIONS.	Article IV, R-B.	GROSS FLC		
PROVIDE AND INSTALL ALL MOLDINGS, SILLS, STOOLS AND TRIM AROUND ALL WINDOWS AND DOORS AS REQUIRED. ALL COLORS AND FINISHES ETC. SHALL BE SELECTED BY OWNER.	§70-39 B		LOT AREA	≤ 5,466.62 SF
ALL WINDOWS, AS SELECTED BY OWNER, SHALL HAVE HIGH PERFORMANCE INSULATED GLASS. ALL WINDOWS THAT SERVE AS EMERGENCY EGRESS MUST COMPLY WITH R310 OF RCNYS.		The gross floor	area (residential) on a	<u>≤</u> 3,400 SF
ALL INSULATION, WHICH IS CAPABLE OF ABSORBING WATER, SHALL BE PROTECTED BY A VAPOR BARRIER LOCATED ON THE WINTER WARM SIDE OF THE INSULATION. INSULATION SHALL BE INSTALLED IN SUCH A MANOR THAT PROVIDES CONTINUITY	Article IV, R-B.	lot shall not e	xceed 3,400 square	
OF INSULATION AT PLATE LINES, SILL LINES AND CORNERS AS PER R320 OF RCNYS.	§70-39 C	· ·	8-5-2021 by L.L. No.	3,400 SF <u><</u> 3,
ALL FOUNDATIONS SHALL REST ON UNDISTURBED SOIL OF 2 TONS PER SQUARE FOOT BEARING THE CAPACITY; CONTRACTOR SHALL HAVE THE LEVEL OF BEARING STRATA VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION.				
ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS AND RECOMMENDATIONS OF ACI-301-89 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (fc=3,000p.s.i.); REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE	LOT COVERAGE (%) AS PER (Zonii	ng §70-38) [R-B - ZONE]: (REFER TO LO
60. ALL FOUNDATIONS SHALL BE ADEQUATELY BRACED PRIOR TO BACKFILLING. ALL CONCRETE BLOCK SHALL CONFORM TO ASTM C-90 FOR GRADE "N" UNITS WITH TYPE "M" MORTAR. ALL MASONRY WORK	LOT AREA 12,148.05 SF X	LOT. (COVERAGE FOR R-B 30%	ALLOWED LO
SHALL CONFORM TO ACI 531-79. PROVIDE DUROWALL TRUSS TYPE REINFORCING EVERY OTHER COURSE (16" O.C.). PROVIDE		93 SF (16.30%)		LOWED; THERE
MASONRY ANCHORS AT 16" O.C. AT ALL COLUMN, SPANDREL BEAMS, AND LINES OF BRIDGING. ALL MASONRY WORK SHALL CONFORM TO R606, R607, R608, R611 AND R703 OF RCNYS.	YARD REGULATION	NS		
ALL STEEL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS." STEEL SHALL CONFORM TO ASTM A-36 AND A-501. ALL	YARD		REQUIRE	D
CONNECTIONS SHALL USE A-325 HS BOLTS OR E70XX WELDS. STEEL JOISTS MANUFACTURERS DESIGN AND ERECTION SHALL CONFORM TO SJI SPECIFICATIONS.	FRONT Zoning §70-	40		NOTES: E
PROVIDE SINGLE-STATION SMOKE-DETECTING ALARM DEVICES ON EACH FLOOR AND ONE PER BEDROOM AS PER R317 OF	FRONT Zoning S70-	-40	30.00' MIN	(VARIANC
RCNYS. RAILINGS AND HANDRAILS, BOTH INTERIOR AND EXTERIOR, SHALL BE DESIGNED TO RESIST LATERAL IMPACT AT TOP		(2) with	a total not less 30% of lo	
EQUIVALENT TO A MIN. LINEAR LOAD OF 50 lbs. PER FOOT AS PER R315 AND R316 OF RCNYS. STAIRS, DOORS AND EXITS SHALL COMPLY WITH R311, R312, AND R314 OF RCNYS. ALL STAIRS, DOORS AND EXITS ARE	SIDE Zoning §70-41		width / 7' min. widt	NOTES: E
EXISTING TO REMAIN. REFER TO PLAN FOR ADDITIONAL INFORMATION. GLAZING IN DOORS, SHOWER STALLS, FIXED PANELS AND BATHTUB ENCLOSURES SHALL COMPLY WITH R308 OF RCNYS. ALL		80.49';	x30%= 24.15' YARD MII	V. (VARIANCE
GLAZING TO BE TEMPERED GLASS TO COMPLY WITH R308.4.5.	REAR Zoning §70-4	2	15.00)'
FOAM PLASTIC INSULATION SHALL COMPLY WITH R318 OF RCNYS. THIS PROJECT DOES NOT INCLUDE ANY FOAM PLASTIC. N/A.				
DOUBLE ALL BEAMS AND JOISTS UNDER PARALLEL PARTITIONS AND AROUND OPENINGS IN FLOORS AND ROOFS. PLYWOOD SUBFLOORING SHALL BE INSTALLED AS PER R503 OF RCNYS.			NOOD ROAD REQ. AS	
CHIMNEY CONSTRUCTION SHALL CONFORM TO CHAPTER 10 AND 18 OF RCNYS. CHIMNEY OUTLETS SHALL NOT BE LOWER THAN TOP OF ANY WINDOW WITHIN 20 FEET, NOR LESS THAN 2 FEET ABOVE THE	2,289.93 SF		US MATERIAL OR PAV 45%	
COMBUSTIBLE PART OF THE ROOF OR BUILDING WITHIN 10 FEET, BUT SHALL NOT BE LESS THAN 3'-0" ABOVE THE HIGHEST POINT WHERE THE CHIMNEY PASSES THROUGH THE ROOF AS PER R1001.6 OF RCNYS.	PROPOSED 572.39) < 1,030.47 MAX	(IMUM; THEREFORE O	K
ATTICS TO HAVE ACCESS AND CROSS VENTILATION AS PER R806 AND R807 OF RCNYS.	BUILDING HEIGHT	(REFER TO BUIL	DING ENVELOPE DIA	<u>GRAM)</u>
CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING AREAS LEFT EXPOSED AND/OR DAMAGED DO TO THIS ADDITION WITH SIMILAR MATERIALS OR AS DIRECTED BY OWNER.	MAXIMUM EAVE HI	EIGHT §70-42.7		
PLACE HURRICANE CLIPS ON ALL ROOF RAFTERS. PUT DOUBLE HEADERS AND TRIMMERS AROUND ALL STAIR AND SKYLIGHT OPENINGS.	MAXIMUM BUILDIN	•	36	2 1/2 S
ALL SUPPLY EXHAUST INTAKE AND OUTLETS TO BE EQUIPPED WITH TIGHT SHUT DAMPER AT BUILDING ENVELOPE TO MINIMIZE AIR LEAKAGE.	PARKING REQUIRE	MENT FOR RES	SIDENTIAL AS PER §Zo	nina 70-103
PROVIDE MINIMUM 100cfm MECHANICAL EXHAUST FROM BATHROOMS AND MINIMUM 150cfm MECHANICAL VENTILATION IN	PROPOSED DWEL		ONE PARKING SPAC	
KITCHEN AREAS. PROVIDE COMBUSTION AIR FOR FUEL BURNING EQUIPMENT AS PER CHAPTER 17 OF RCNYS.	1 PROPOSED 1 ≥ 0.5			UNIT or 50%
BOILERS AND HOT WATER HEATERS AS PER CHAPTER 20 AND 28 OF RCNYS. FUEL GAS EQUIPMENT AS PER CHAPTER 24 OF RCNYS.	FROFOSED T 2 0.3			
PROVIDE SIMPSON STRONG TIE JOIST HANGERS AT ALL FLUSH HEADER CONDITIONS.				
PROVIDE CARBON MONOXIDE DETECTOR ON EACH FLOOR AS PER NASSAU COUNTY PUBLIC HEALTH ORDINANCE SECTION 14(a).				
WALL AND CEILING FINISHES SHALL HAVE A FLAME-SPREAD CLASSIFICATION OF NOT GREATER THAN 200 TO COMPLY WITH SECTION R319 OF RCNYS.				
INSULATION MATERIALS, INCLUDING FACINGS, SUCH AS VAPOR BARRIERS OR BREATHER PAPERS INSTALLED WITHIN FLOOR-CEILING ASSEMBLIES, ROOF-CEILING ASSEMBLIES, WALL ASSEMBLIES, CRAWL SPACES AND ATTICS SHALL HAVE A				
FLAME-SPREAD INDEX NOT TO EXCEED 25 WITH AN ACCOMPANYING SMOKE-DEVELOPED INDEX NOT TO EXCEED 450 WHEN				
TESTED WITH ASTM E 84 TO COMPLY WITH SECTION R320 OF RCNYS. PROPOSED CONSTRUCTION DESIGNED IN ACCORDANCE WITH "AMERICAN FOREST AND PAPER ASSOCIATION" (AF&PA)				
WOOD FRAME CONSTRUCTION MANUAL FOR ONE- AND TWO-FAMILY DWELLINGS (WFCM)				

FIRM 36059C0108G

LOCATION



FIRM

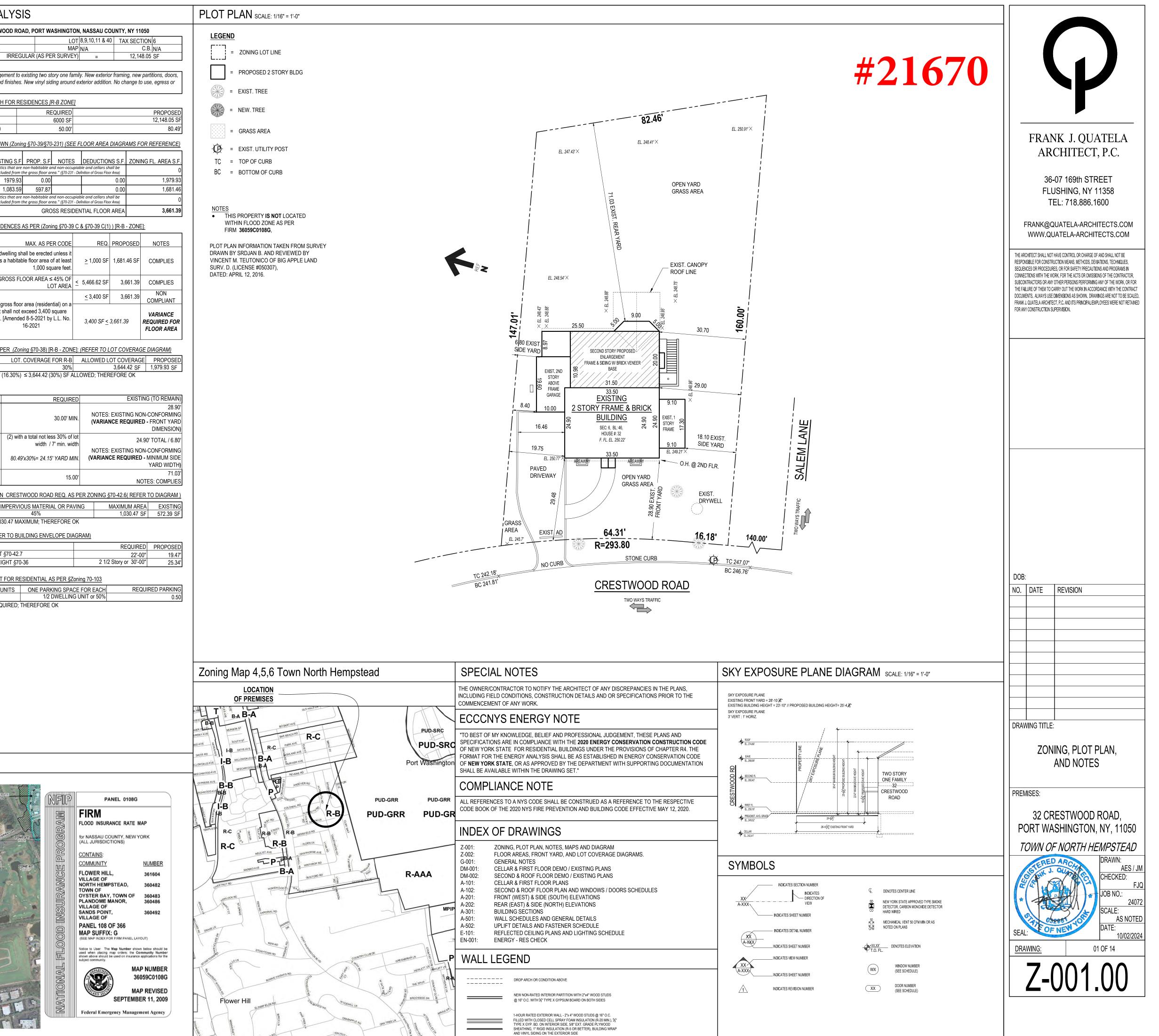
(ALL JURISDICTIONS) CONTAINS: COMMUNITY FLOWER HILL.

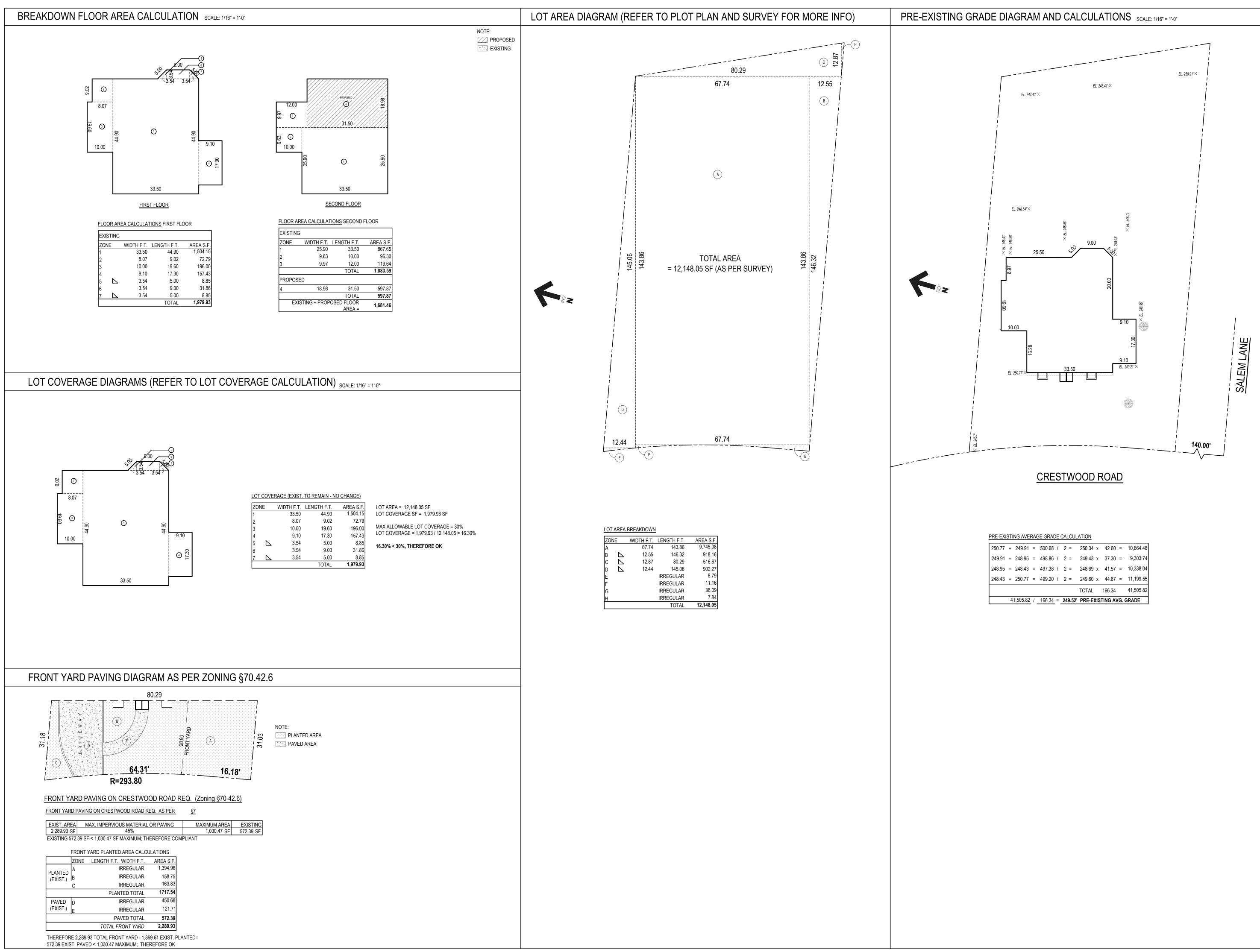
VILLAGE OF NORTH HEMPSTEAD, TOWN OF OYSTER BAY, TOWN OF PLANDOME MANOR, VILLAGE OF

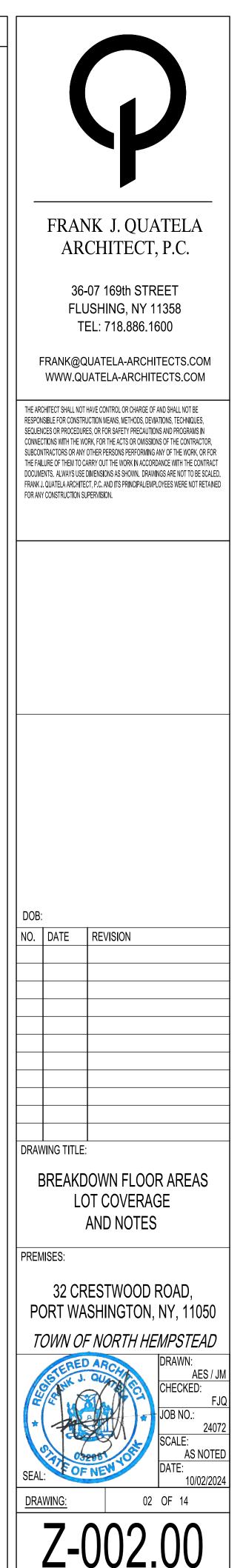
SANDS POINT, VILLAGE OF **PANEL 108 OF 366** MAP SUFFIX: G



AS PER MAP No.36059C0108G PROVIDED BY NFIP SHOWN ABOVE THE PREMISE IS NOT LOCATED WITHIN THE FLOOD ZONE.







GENERAL

- IT IS THE INTENTION OF THIS CONTRACT TO CONSTRUCT THE BUILDING(S), FINISHED AND READY FOR OCCUPANCY, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ALL REQUIREMENTS OF THE LAW. ALTHOUGH ALL NECESSARY WORK MAY NOT BE ITEMIZED IN THE DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR WILL FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AND INCLUDE ALL WORK SPECIFIED OR IMPLIED FOR THE COMPLETE REPAIR OF THE BUII DING(S)
- CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO START OF WORK. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE NEW YORK
- STATE BUILDING CODE AND ALL RULES AND REGULATIONS OF THE COUNTY AND STATE.
- THE ENTIRE BUILDING(S) SHALL COMPLY WITH ARTICLE SEVEN (7) OF THE MULTIPLE DWELLING LAW, THE HOUSING MAINTENANCE CODE AND THE ZONING
- RESOLUTION. CONTRACTOR SHALL OBTAIN BUILDING PERMIT. NO WORK SHALL PROCEED UNLESS BUILDING PERMIT IS DISPLAYED AT FRONT OF BUILDING(S).
- CONTRACTOR SHALL OBTAIN A SEPARATE PERMIT FROM THE DEPARTMENT OF
- HIGHWAYS FOR ALL WORK BEYOND THE BUILDING LINE. CONTRACTOR SHALL OBTAIN A SEPARATE PERMIT FROM THE DEPARTMENT OF AIR RESOURCES FOR ANY NEW BOILER.
- CONTRACTOR SHALL OBTAIN NEW CERTIFICATE OF OCCUPANCY. HE SHALL OBTAIN ALL PERMITS AND FINAL APPROVALS OF ALL DEPARTMENTS HAVING JURISDICTION.
- CONTRACTOR SHALL CARRY WORKMAN'S COMPENSATION INSURANCE AND DISABILITY BENEFITS.
- CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, INSPECTION FEES AND ALL OTHER CHARGES. WHERE EXISTING WORK IS TO BE CUT AND/OR UNDERPINNED, CONTRACTOR SHALL PROVIDE ALL NEEDLING, SHORING, BRACING, WEDGING AND
- DRY-PACKING AND SHALL BE RESPONSIBLE FOR THE SAFETY OF THE STRUCTURE DURING THIS OPERATION. THE CONTRACTOR SHALL BE REQUIRED TO PATCH, REPAIR, AND REPLACE ANY
- AREAS THAT ARE ALTERED OR DAMAGED DURING PROCESS OF ALTERATION. THE CONTRACTOR IS CAUTIONED TO MAKE CONTINUOUS OBSERVATIONS OF THE EXISTING STRUCTURE DURING THE PERFORMANCE OF HIS WORK. SHOULD HE
- BECOME AWARE OF ANY SITUATIONS THAT REQUIRE FURTHER INVESTIGATION OR STUDY, HE SHALL NOTIFY THE ARCHITECT IMMEDIATELY. THE STRUCTURAL DESIGN IS BASED UPON EXISTING DRAWINGS (IF AVAILABLE),
- FIELD OBSERVATIONS AND/ OR ASSUMPTIONS REGARDING THE EXISTING CONDITIONS AT THE SITE. VARIATIONS BETWEEN THE FIELD CONDITIONS AND THESE DRAWINGS MAY EXIST. WHERE SUCH VARIATIONS ARE ENCOUNTERED THEY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY. THE CONTRACTOR MUST PROTECT ALL BUILDING AND
- STRUCTURAL ELEMENTS INCLUDING ALL CONCRETE OR MASONRY FIREPROOF ARCHES AGAINST DAMAGE RESULTING FROM FALLING OBJECTS AND STORAGE OF CONSTRUCTION MATERIALS AND OTHER HEAVY LOADS DURING ENTIRE COURSE OF DEMOLITION AND CONSTRUCTION.

SPECIAL

- THE OWNER/CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IN THE PLANS, INCLUDING FIELD CONDITIONS, CONSTRUCTION DETAILS AND OR SPECIFICATIONS PRIOR TO THE COMMENCEMENT OF ANY WORK.
- THE BUILDING SHALL BE SUFFICIENTLY BRACED AT ALL TIMES DURING THE COURSE OF CONSTRUCTION TO SATISFY RAIN, SNOW OR WIND LOADS. CONTRACTOR TO PERFORM TEST PITS TO VERIFY THE DEPTH OF FOOTINGS
- OF THE ADJACENT BUILDINGS. CONTRACTOR TO SUBMIT THE DEPTH (ELEVATION) OF THE FOOTINGS TO THE ARCHITECT. CONTRACTOR TO MONITOR ALL EXCAVATION USING MECHANICAL
- EQUIPMENT. NO USE OF MECHANICAL EQUIPMENT WITHIN 3'-0" OF ADJACENT FOUNDATION. WITHIN 3'-0" OF ADJACENT FOUNDATION TO BE EXCAVATED BY HAND AND
- REPAIR ADJACENT FOUNDATION AS REQUIRED TO INSURE STRUCTURAL STABILITY OF ADJACENT BUILDING.

VENTILATION

- KITCHENETTE DUCTS SHALL BE A MINIMUM 18 GUAGE GALVANIZED SHEET METAL. INTERIOR BATHROOM DUCTS SHALL BE A
- MINIMUM 24 GUAGE GALVANIZED SHEET METAL ALL DUCTS SHALL BE FITTED WITH B.S.A.
- APPROVED REGISTERS AND FUSIBLE LINK FIRE DAMPERS.
- ALL MECHANICAL VENTILATION DUCTS SHALL BE ENCLOSED WITH TWO (2) LAYERS OF ONE (1) INCH GYPSUM COREBOARD TO ACHIEVE A TWO (2) HOUR FIRE RATING.
- WHERE MECHANICAL VENTILATION DUCTS PASS THROUGH WALLS OR FLOORS. THE OPENINGS SHALL BE FIRE STOPPED WITH VERMICLITE PLASTER AND WIRE MESH OR F.C. 60 GYPSUM BOARD.
- ALL VENTILATION DUCTS MUST END AT ROOF IN APPROVED TYPE ROOF EXHAUST FANS. SUCH FANS SHALL HAVE CAPACITIES AS INDICATED ON THE DRAWINGS, AND SHALL OPERATE CONTINUOUSLY, UPON COMPLETION OF MECHANICAL VENTILATION SYSTEM, SUCH SYSTEMS SHALL BE TESTED BY OR UNDER THE SUPERVISION OF: 6.a. LICENSED PROFESSIONAL ENGINEER, QUALIFIED TO CONDUCT SUCH A
- TEST: OR PERSON HAVING MINIMUM FIVE (5) YEARS EXPERIENCE SUPERVISING 6.b. INSTALLATION OF SUCH SYSTEMS AND QUALIFIED TO CONDUCT SUCH A
- * THE TEST SHALL SHOW COMPLIANCE WITH THE CODE
- REQUIREMENTS FOR VENTILATION AND FUNCTIONING FOR ALL OPERATING DEVICES. SUCH QUALIFIED TESTER SHALL FILE A
- CERTIFICATE INDICATING WHETHER TEST SHOWS THAT THE RATE OF AIR SUPPLY MEETS REQUIREMENTS OF THE CODE.*
- OWNER SHALL FILE CERTIFICATE INDICATING THAT THE VENTILATION SYSTEM WILL BE OPERATED AND MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CODE.
- PROVIDE A MINIMUM 144 SQ. IN. LOUVER IN DOORS TO ALL ROOMS WITH LESS THAN 18 SQ. FT. OF WINDOW AREA. PROVIDE METAL VENTILATORS, GRAVITY TYPE FOR 10. COCKLOFT ROOF AREAS BEHIND EXTERIOR FACE BRICK WALLS. FREE AREA OF VENTILATORS SHALL BE A MINIMUM OF 1/300 OF ROOF AREA.

MECHANICAL

- NEW STEAM HEATING AND HOT WATER SUPPLY, DISTIBUTION, BOILER, AND ALL SAFETY DEVICES SHALL COMLPY WITH SECTION 75 AND 79 M.D.L. AND ARTICLE 17 H.M.C.; PREMISES TO COMPLY WITH D26.3.10 M.D.L
- ALL GAS, ELECTRIC, WATER, SOIL, AND DRAINAGE LINES TO BE CONNECTED TO CITY FACILITIES. THE INSTALLATION OF ALL PLUMBING, ELECTRICAL, AND
- H.V.A.C. WORK SHALL COMPLY WITH ALL STATE REGULATIONS CONSTRUCTION OF BUILDING EXTERIOR ENVELOPE, AND
- INSTALLATION OF H.V.A.C., SERVICE WATER HEATING, ELECTRICAL DISTRIBUTION AND ILLUMINATION SYSTEMS AND EQUIPMENT TO COMPLY WITH THE ENERGY CONSERVATION CODE OF NEW YORK STATE
- ALL BATHROOMS AND KITCHENETTES WITHOUT WINDOWS TO BE VENTED AS PER SECTION C26-260.265 B.C. MECHANICAL EXHAUST VENTS FOR BATHROOMS AND KITCHENETTES TO BE IN TWO (2) HOUR FIRE-RATED ENCLOSURES AS PER C26-638 B.C. AND FIREDAMPED BEYOND EACH REGISTER. PROVIDE MINIMUM FIVE (5) AIR CHANGES PER HOUR AT BATHROOMS AND SIX (6) AIR CHANGES PER HOUR AT KITCHENETTES.

CONSTRUCTION

- ALL CONCRETE WORK SHALL CONFORM TO A.C.I. 318-89 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
- CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN THE SERVICES OF A LICENSED PROFESSIONAL ENGINEER FOR ALL CONTROLLED CONCRETE WORK. THIS PROFESSIONAL ENGINEER SHALL FILE ALL THE DOCUMENTS AND BE RESPONSIBLE FOR ALL CONTROLLED INSPECTIONS AND FINAL APPROVALS AS REQUIRED BY THE BUILDING CODE OF THE LOCAL AGENCIES. COPIES OF ALL DOCUMENTS SHALL BE FORWARDED TO H.P.D. ARCHITECT.
- ALL FOOTINGS, FOUNDATION WALLS, RETAINING WALLS, FRAMED SLABS AND BEAMS SHALL BE CONTROLLED CONCRETE HAVING A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 3500 P.S.I. IN 28 DAYS. ALL CONCRETE EXPOSED TO WEATHER OR GRADE SHALL BE AIR ENTRAINED. ALL OTHER CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH IN 28 DAYS UNLESS OTHERWISE SPECIFIED AS FOLLOWS:
- AIR ENTRAINED STONE 3500 P.S.I. SLABS ON GRADE AIR ENTRAINED STONE 3500 P.S.I. SIDEWALKS CONCRETE FILL LIGHT WEIGHT 3500 P.S.L 5000 P.S.I.
- LOW ABSORPTION SILLS & COPING EQUIPMENT PADS STONE
- CONCRETE SHALL NOT BE PLACED IN TEMPERATURE LESS THAN 40 DEGREES F. OR WHEN TEMPERATURE IS ANTICIPATED TO BE BELOW 40 DEGREES F. WITHIN 48 HOURS AFTER POURING.

3500 P.S.I.

- THE CONTRACTOR SHALL COORDINATE WITH ALL TRADES AS REQUIRED FOR INSTALLATION OF BUILT- IN WORK, SLEEVES, OPENINGS, INSERTS, ETC. AS REQUIRED. LOCATION OF SLEEVES AND OPENINGS NOT SHOWN ON PLANS SHALL
- BE SUBJECT TO THE APPROVAL OF H.P.D. ENGINEER. ALL REINFORCING MATERIAL SHALL BE NEW BILLET STEEL CONFORMING TO A.S.T.M. 615 GRADE 60. SLAB ON GRADE REINFORCEMENT SHALL BE 6"x 6"- 10/10
- GAUGE WELDED WIRE MESH. MINIMUM CONCRETE COVER FOR NON-PRESTRESSED CAST-IN-PLACE CONCRETE SHALL BE BASED ON A.C.I. 318-89, PART 3, CHAPTER 7.7.1. EXCEPT AS NOTED OTHERWISE. MINIMUM COVER SHALL BE AS FOLLOWS:

3/4 IN

- 7.1. SLABS (#11 BAR AND SMALLER)
- 7.2. BEAMS, COLUMNS 7.2.A. (PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS) 1 1/2 IN 7.2.A. FOOTINGS 3 IN
- 7.3. WALLS:
- 7.3.A. CONCRETE EXPOSED TO EARTH OR WEATHER: 7.3.A.• (#5 BAR, W31 OR D31 IN. WIRE AND SMALLER) 1 1/2 IN
- 7.3.A.● (#6 THRU # 18 BARS) 7.3.B. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: 7.3.B.• (#11 BAR AND SMALLER) 3/4 IN.
- 7.3.B.• (#14 AND #18 BARS) 1-1/2 IN PROVIDE NEW CONCRETE FOOTINGS ON SOUND UNDISTURBED SOIL FOR ALL
- NEW MASONRY AND CONCRETE BEARING WALLS. DEPTH OF ALL NEW FOOTINGS TO BE 4'-0" MIN. BELOW GRADE OR TO UNDISTURBED SOIL, WHICHEVER IS GRFATER. PROVIDE NEW 4" REINFORCED CONCRETE SLAB WITH 6 MIL VAPOR BARRIER
- OVER CLEAN WELL COMPACTED SOIL IN ALL AREAS OF CELLAR, BASEMENT OR FIRST FLOOR UNLESS NOTED OTHERWISE ON DRAWINGS.
- 0. PROVIDE NEW 4" REINFORCED CONCRETE SLAB ON 6" GRAVEL BASE IN ALL COURT, YARD AND FIRE PASSAGES UNLESS NOTED OTHERWISE PROVIDE MINIMUM 1/4" PER FT. ON DRAWINGS. SLOPE TO DRAIN. PROVIDE NEW 4" REINFORCED CONCRETE
- . SIDEWALKS ON 6" GRAVEL BASE FOR ENTIRE SITE AND ELSEWHERE AS NOTED ON DRAWINGS. PROVIDE NEW METAL FACED CURBS FOR ENTIRE SITE. NEW SIDEWALKS AND CURBS TO BE AS PER THE BUILDING CODE OF THE STATE OF NFW YORK.
- 2. OPENINGS IN EXISTING CONCRETE SLABS ARE TO SEALED WITH 4" LIGHT WEIGHT CONCRETE FILL. CONTRACTOR IS TO PREPARE EXISTING SURFACES TO ENSURE PROPER BOND. CONTRACTOR SHALL PROPERLY SHORE AND MAKE SAFE ALL FLOORS FOR THE EXECUTION OF THIS WORK. MASONRY
- ALL NEW FACE BRICK TO MATCH EXISTING BRICK IN BOTH COLOR AND TEXTURE. ALL NEW BONDING PATTERNS AND BRICK COLOR DISTRIBUTION OF EXTERIOR FACE BRICK WALLS TO MATCH EXISTING. FACE BRICK SAMPLES SHALL BE SUBMITTED TO H.P.D. ARCHITECT FOR APPROVAL. MORTAR FOR ALL NEW FACE BRICK WALLS TO MATCH EXISTING. ALL MASONRY TO BE PROPERLY BONDED AND
- BOND ALL NEW MASONRY TO EXISTING MASONRY BY
- TOOTHING OR GROUTED DOWELS EVERY 6TH COURSE. VERTICALLY AND BY GROUTED DOWELS EVERY 16" O.C. HORIZONTALLY UNLESS OTHERWISE NOTED ON DRAWINGS. PROVIDE STANDARD GALVANIZED STEEL TRUSS MASONRY
- REINFORCING EVERY 2ND COURSE. ALL MULTIPLE WYTHE MASONRY WALLS
- SHALL BE BONDED BY ONE OF THE FOLLOWING METHODS:
- 5.A. MASONRY HEADERS, AT LEAST 14% OF WALL SURFACE EXTENDING MIN. 3 INCHES INTO BACKING. MAX. DISTANCE BETWEEN HEADERS VERTICALLY OR HORIZONTALLY SHALL BE 24 INCHES.
- 5.B. METAL TIES, CORROSION RESISTANT, 3/16 IN. DIAMETER MINIMUM OR EQUIVALENT. 5.C. PREFABRICATED JOINT REINFORCEMENT MINIMUM ONE CROSS WIRE EVERY
- 2 SQ. FT. MAXIMUM VERTICAL SPACING NOT TO EXCEED 16 IN. INTERSECTING WALLS AND PARTITIONS SHALL BE BONDED BY EITHER A TRUE MASONRY BOND BY LAYING AT LEAST 50% OF THE UNITS 3 IN. ON THE UNIT BELOW OR BY 1/4 IN. BY 1 1/2 IN. METAL ANCHORS, ENDS BENT UP 2 IN. OR CROSS
- PIN ANCHORS 2 FT. LONG, MAXIMUM VERTICAL SPACING 4 FT. OR OTHER EQUIVALENT. WALLS AT JOINING OR INTERSECTING STRUCTURAL FRAMING SHALL BE ANCHORED WITH FLEXIBLE METAL ANCHORS TO STRUCTURAL MEMBERS.PROVIDE LOOSE LINTELS OVER ALL NEW MASONRY
- OPENINGS (UNLESS NOTED OTHERWISE ON PLANS) AND REPLACE EXISTING LINTELS AS DIRECTED BY H.P.D. SITE PERSONNEL. SPANS FOR NEW LINTELS
- SHALL BE AS FOLLOWS: MASONRY OPENING LINTEL SIZE 4" x 3 1/2" x 5/16" LESS THAN 48" (3 1/2" LEG HORIZONTAL) 48" OR GREATER

SEE DRAWINGS PROVIDE ONE ANGLE FOR EACH 4" OF WALL THICKNESS. PROVIDE 5" x 3 1/2" x 5/16" ANGLES FOR 6" THICK WALLS. ALL LINTELS SHALL HAVE A MINIMUM 6" BEARING AT EACH END. NEW MASONRY BEAM POCKETS ARE TO BE CREATED OR EXISTING POCKETS ARE TO BE MODIFIED FOR ALL NEW WOOD AND STEEL

- REAMS ALL UNUSED BEAM POCKETS ARE TO BE FILLED SOLID WITH MASONRY.). ALL EXISTING POCKETS FOR COLD STORAGE BOXES SHALL BE FILLED SOLID WITH MASONRY
- PROVIDE NEW MASONRY OPENINGS IN BUILDING FACADES (EXCEPT FACE BRICK FACADES) FOR THE INSTALLATION OF NEW ROOF VENTS. LOCATION OF NEW ROOF VENTS TO BE AS PER DRAWINGS. ELEVATION OF NEW ROOF VENTS SHALL BE AS FOLLOWS:
- 11.A. AT SLOPED ROOF JOISTS HIGHEST POINT BETWEEN THE JOISTS WHEN PERPENDICULAR TO WALL AND THE HIGHEST POINT BELOW THE JOIST WHEN PARALLEL WITH WALL.
- 11.B. AT PATTEN ROOF - HIGHEST POINT OF THE COCKLOFT JUST BELOW THE ROOF SHEATHING. IN BOTH ROOF STRUCTURES, VENTS TO BE LOCATED ABOVE BATT ROOF INSULATION. ROOF VENTS FOR EXTERIOR FACE BRICK WALLS SHALL BE METAL VENTILATORS MOUNTED ON ROOF AT HIGHEST POINT
- 12. PROVIDE TWO (2) COATS OF CEMENT STUCCO AT ALL EXTERIOR MASONRY SURFACES INCLUDING PARAPETS AND BULKHEADS (ENTRY COURT AND STREET FACADE FACE BRICK SURFACES SHALL NOT BE INCLUDED). GALVANIZED WIRE LATH SHALL BE APPLIED OVER ALL EXISTING BITUMINOUS MASTIC SURFACES BEFORE APPLYING STUCCO. STUCCO COLOR SHALL BE SUBMITTED TO H.P.D. ARCHITECT FOR APPROVAL.
- PROVIDE A COAT OF BITUMINOUS MASTIC AT ALL INTERIOR SURFACES OF EXTERIOR FACE BRICK WALLS. 14. PROVIDE 100% REPOINTING OF ENTIRE EXTERIOR FACE BRICK WALLS UNLESS NOTED OTHERWISE. MORTAR COLOR TO MATCH COLOR OF EXISTING MORTAR.
- 15 DEGREES FIRE CUT.
- USED

STEEL C-JOIST NOTES FOR REPLACEMENT OF EXISTING WOOD JOIST, WHERE CLEAR SPAN IS MORE THAN WOOD JOIST LIMITS, USE LIGHTWEIGHT STEEL C JOIST AS SPECIFIED BELOW, MANUFACTURED BY MARINO/WARE OF SOUTH PLAINFIELD N.J. OR APPROVED

• 12JE12 @ 12" O.C. FOR CLEAR SPAN 30'-0" OR LESS • 12JE12 @ 16" O.C. FOR CLEAR SPAN 27'-0" OR LESS • 12JE14 @ 12" O.C. FOR CLEAR SPAN 27'-0" OR LESS • 12J14 @ 16" O.C. FOR CLEAR SPAN 24'-0" OR LESS • 14J12 @ 16" O.C. FOR CLEAR SPAN 30'-0" OR LESS • 14J14 @ 12" O.C. FOR CLEAR SPAN 30'-0" OR LESS • 14J14 @ 16" O.C. FOR CLEAR SPAN 27'-0" OR LESS

EQUAL.

STANDARD

ARE NOTED.

FOR BEARING, BRIDGING, STIFFENER, CONNECTION AND INSTALLATION, CONTRACTOR SHALL FOLLOW MANUFACTURER'S SPECIFICATION AND CATALOGUE DETAILS COMPLETELY.

CONTRACTOR SHALL SUBMIT SHOP DRAWING TO H.P.D. ENGINEER FOR REVIEW AND APPROVAL, PRIOR TO ASSEMBLY AND INSTALLATION. THE SHOP DRAWINGS MUST SHOW ANY AND ALL BEARING. BRIDGING. STIFFENER

AND CONNECTION DETAILS, CONFORMING TO MANUFACTURER'S SPECIFICATION AND INSTALLATION PROCEDURE.

ANY OTHER CONDITION, WHICH IS NOT MENTIONED ABOVE, SHALL BE REFERRED TO H.P.D. ENGINEER.

ALL DIMENSIONS ARE TO FINISH SURFACES. ALL EXPOSED SURFACES ARE TO BE PROPERLY FLASHED AND ALL EXPOSED JOINTS TO BE PROPERLY CAULKED.

PROVIDE NEW GYPSUM BOARD SUSPENDED CEILING IN ALL APARTMENTS. CEILING HEIGHT TO BE A MINIMUM 4 IN. ABOVE WINDOW HEAD AND A MINIMUM HEIGHT OF 8

PROVIDE NEW PLASTER AT WALLS AND CEILINGS IN ALL PUBLIC HALLS, LOBBIES, VESTIBULES, STAIR HALLS AND BULKHEADS, AND ELSWHERE AS NOTED ON THE FINISH SCHEDULE. WHERE STRUCTURAL OR MECHANICAL SYSTEMS (ELEC., PLUMB., HVAC) PROHIBIT THE APPLICATION OF A PLASTER CEILING, A NEW GYPSUM BOARD SUSPENDED CEILING SHALL BE PROVIDED.

ALL KITCHEN AND KITCHENETTE DROPPED ARCHES SHALL BE A MINIMUM OF 1'-0" BELOW CEILING. PROVIDE NEW TILE FLOORS AND NEW TILE WAINSCOTING IN ALL PUBLIC HALLS,

LOBBIES, STAIRS AND STAIR LANDINGS AND AS NOTED ON DRAWINGS AND ON THE FINISH SCHEDULE.

PROVIDE ALL NEW PUBLIC HALL STAIRS INCLUDING STRINGERS, CONC. FILLED METAL PAN STAIRS AND ASSEMBLIES, INTERMEDIATE LANDINGS AND ASSEMBLIES. NEWEL POSTS, BALLISTERS, AND HANDRAILS. FLOOR FINISH ON THREADS AND LANDINGS TO BE TILE AS NOTED ON DRAWINGS AND ON THE FINISH SCHEDULE. SCRAPE, REPAIR AND PAINT EXISTING FIRE ESCAPES

UNLESS OTHERWISE NOTED ON PLANS. COLOR TO BE APPROVED BY H.P.D. ARCHITECT. ALL BUILDING WINDOWS WITH SILL HEIGHTS LESS THAN 6'-0" ABOVE SIDEWALKS, COURTYARDS, AND ADJACENT ROOF AREAS SHALL HAVE FIXED METAL WINDOW GUARDS SECURELY FASTENED TO THE ADJACENT MASONRY. ONE GUARD IN EACH APARTMENT TO BE OPERABLE.

PROVIDE NEW INTERIOR OPERABLE SECURITY GATES AT ALL WINDOWS OPENING TO FIRE ESCAPES. . PROVIDE ALL NEW CHILD WINDOW GUARDS AT ALL APARTMENT AND PUBLIC HALL

WINDOWS EXCEPT WHERE SECURITY GATES AND FIXED METAL WINDOW GUARDS 12. PROVIDE NEW SINGLE PLY MEMBRANE ROOFING TO ENTIRE ROOF SURFACE. PROVIDE PROPER FLASHING AND PITCH TO ROOF DRAINS.

. PROVIDE NEW INSULATION AT ALL ROOF AREAS, EXTERIOR PERIMETER WALLS (INCLUDING LOT LINE), AND ALL FLOORS ABOVE UNHEATED SPACES AS PER NEW YORK STATE ENERGY CONSERVATION CODE. I. FIRE STOPPING SHALL BE PROVIDED AS PER NEW YORK STATE BUILDING CODE IN

THE FOLLOWING AREAS: ALL VERTICAL CHASES AND FLOOR PENETRATIONS. ALL FIRE-RATED ASSEMBLIES.

 ALL FIRE DIVISIONS AND SEPARATIONS. ALL PERIMETER FURRING AT MASONRY WALLS. ALL LOAD BEARING PARTITIONS EXISTING AND NEW.

STRUCTURAL STEEL ALL STRUCTURAL STEEL SHALL CONFORM WITH A.I.S.C. SPECIFICATIONS FOR STRUCTURAL STEEL FOR BUILDINGS, LATEST EDITION. ALL STEEL SHALL BE A.S.T.M.-A36 HAVING A SPECIFIED MINIMUM YIELD POINT OF

36,000 P.S.I. UNLESS OTHERWISE NOTED ON DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN THE SERVICES OF A LICENSED PROFESSIONAL ENGINEER FOR ALL CONTROLLED

INSPECTIONS AND REPORTS FOR STRUCTURAL STEEL. THIS PROFESSIONAL ENGINEER SHALL FILE ALL THE DOCUMENTS AND BE RESPONSIBLE FOR ALL AFFIDAVITS, CONTROLLED INSPECTIONS, AND FINAL APPROVALS REQUIRED BY THE BUILDING CODE OF THE STATE OF NEW YORK, COPIES OF ALL DOCUMENTS SHALL BE FORWARDED TO H.P.D. ARCHITECT.

ALL STEEL WORK SHALL BE EXECUTED FROM APPROVED SHOP DRAWINGS. SHOP CONNECTIONS AND FIELD CONNECTIONS SHALL BE WELDED OR BOLTED. CONNECTION MATERIAL SHALL CONFORM TO A.S.T.M. DESIGNATIONS, LATEST EDITION. ALL WELDING TO BE DONE BY LICENSED WELDERS AND SHALL BE INSPECTED BY AN APPROVED WELDING AGENCY WHICH SHALL ISSUE AN AFFIDAVIT THAT ALL WELDING HAS BEEN INSPECTED AND FOUND TO BE IN CONFORMITY WITH DETAILS.

THE EXISTING STEEL BEAMS AND COLUMNS SHOWN ON THESE DRAWINGS HAVE BEEN OBSERVED IN THE FIELD OR HAVE BEEN ASSUMED. VARIATIONS MAY EXIST BETWEEN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS. ANY DEVIATIONS FROM THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

ALL STRUCTURAL STEEL COLUMNS AND BEAMS ARE 'EXISTING TO REMAIN' UNLESS INDICATED NEW.

ALL EXISTING STRUCTURAL STEEL SHALL BE CLEANED, REINFORCED, REPLACED, AND PAINTED AS FOLLOWS: 8.A. ALL RUSTED STRUCTURE SHALL BE PROPERLY SHORED, AS REQUIRED.

8.B. RUST SHALL BE CLEANED DOWN TO THE BASE METAL WITH MECHANICAL TOOLS, WIRE BRUSHES, SAND BLASTING OR MANUALLY.

8.C. IF THE ORIGINAL BASE METAL IS STILL IN PLACE UNDAMAGED, NO FURTHER REINFORCEMENT IS REQUIRED. PROCEED WITH 'E' BELOW. 8.D. IF ORIGINAL BASE METAL IS DAMAGED, CONTRACTOR SHALL REPORT THIS TO H.P.D. ENGINEER AND AWAIT INSTRUCTIONS FROM SAME. UPON

COMPLETION OF RUST CLEANING, 8.E. CONTINUE WITH PAINTING ALL EXISTING STEEL AS PER SPECIFICATIONS. 8.F. ALL REINFORCEMENT AND OR REPLACEMENT OF RUSTED STEEL SHALL BE

EXECUTED FROM APPROVED SHOP DRAWINGS. FIREPROOFING SHALL BE APPLIED TO ALL FIRST TIER STRUCTURAL STEEL (INCLUDING METAL DECKS), ALL STRUCTURAL STEEL PART OF A FIRE-RATED ASSEMBLY, AND ALL OTHER STEEL AS REQUIRED BY CODE. BEAMS AND DECKS TO RECEIVE 1 1/2" THICK SPRAYED FIREPROOFING UNLESS NOTED OTHERWISE. COLUMNS TO RECEIVE 1 1/2" CEMENT PLASTER OVER GALVANIZED METAL LATH UNLESS OTHERWISE NOTED.

WOOD CONSTRUCTION SHALL CONFORM TO THE NEW YORK STATE BUILDING CODE, LATEST EDITION. ALL NEW FRAMING LUMBER SHALL BE GRADE MARKED AT MILL PRIOR TO

DELIVERY TO THE JOB SITE. ALL NEW WOOD JOISTS SHALL BE DOUGLAS FIR NO. 2 OR BETTER. ALLOWABLE

STRESSES: Fb=1000 P.S.I. (MIN.), E=1600 K.S.I. NEW WOOD JOIST SIZES ARE BASED ON 40 P.S.F. LIVE LOAD AND 65 P.S.F. TOTAL LOAD FOR APARTMENTS AND CORRIDORS UNLESS OTHERWISE INSTRUCTED.

DEFLECTION LIMITED TO L/360 SPAN. MAXIMUM SPANS FOR NEW WOOD JOISTS SHALL BE AS FOLLOWS: 3" X 8" @12" O.C. 16'-3" CLEAR SPAN OR LESS 3" X 8" @16" O.C. 14'-0" CLEAR SPAN OR LESS 3" X 10" @12" O.C. 20'-0" CLEAR SPAN OR LESS 3" X 10" @16" O.C. 17'-3" CLEAR SPAN OR LESS 3" X 12" @12" O.C. 23'-0" CLEAR SPAN OR LESS 3" X 12" @16" O.C. 20'-0" CLEAR SPAN OR LESS

CONTRACTOR SHALL FIELD VERIFY ALL JOIST SPANS AND BE RESPONSIBLE FOR CONFORMING TO THE ABOVE. ALL JOISTS FRAMING INTO MASONRY SHALL HAVE

PROVIDE 1 1/2" X 1/4" X 4'-0" LONG WALL ANCHORS 6'-0" O.C. WHERE MASONRY WALLS RUN PARALLEL TO JOISTS. PROVIDE 1 1/2" X 1/4" X 16" LONG T-ANCHORS EVERY FOURTH JOIST WHERE JOISTS FRAME INTO MASONRY WALLS. ALL JOISTS SHALL BE CUT OR NOTCHED AS DETAILED ON DRAWINGS. WHERE NOTCHING OF JOISTS EXCEEDS MAX. ALLOWABLE, STEEL BRIDLE IRONS SHALL BE

PROVIDE BRIDGING FOR FLOOR JOISTS AT 8'-0" O.C. MAXIMUM.

10. FRAMING FOR ALL NEW OPENINGS IN FLOORS, DOUBLE HEADERS AND TRIMMERS SHALL BE HUNG IN APPROVED TYPE BRIDLE IRONS. 11. PROVIDE NEW 2"x 6" MIN. WOOD SLEEPERS 16" O.C. MAX. IN ALL AREAS WHERE

EXISTING WOOD SLEEPERS ARE FOUND AND ALSO WHERE INDICATED ON DRAWINGS. NEW SLEEPERS SHALL SPAN OVER EXISTING CONCRETE ARCHES AND BEAR ON STEEL AND OR ADJACENT CONCRETE OR MASONRY BEARING WALL.

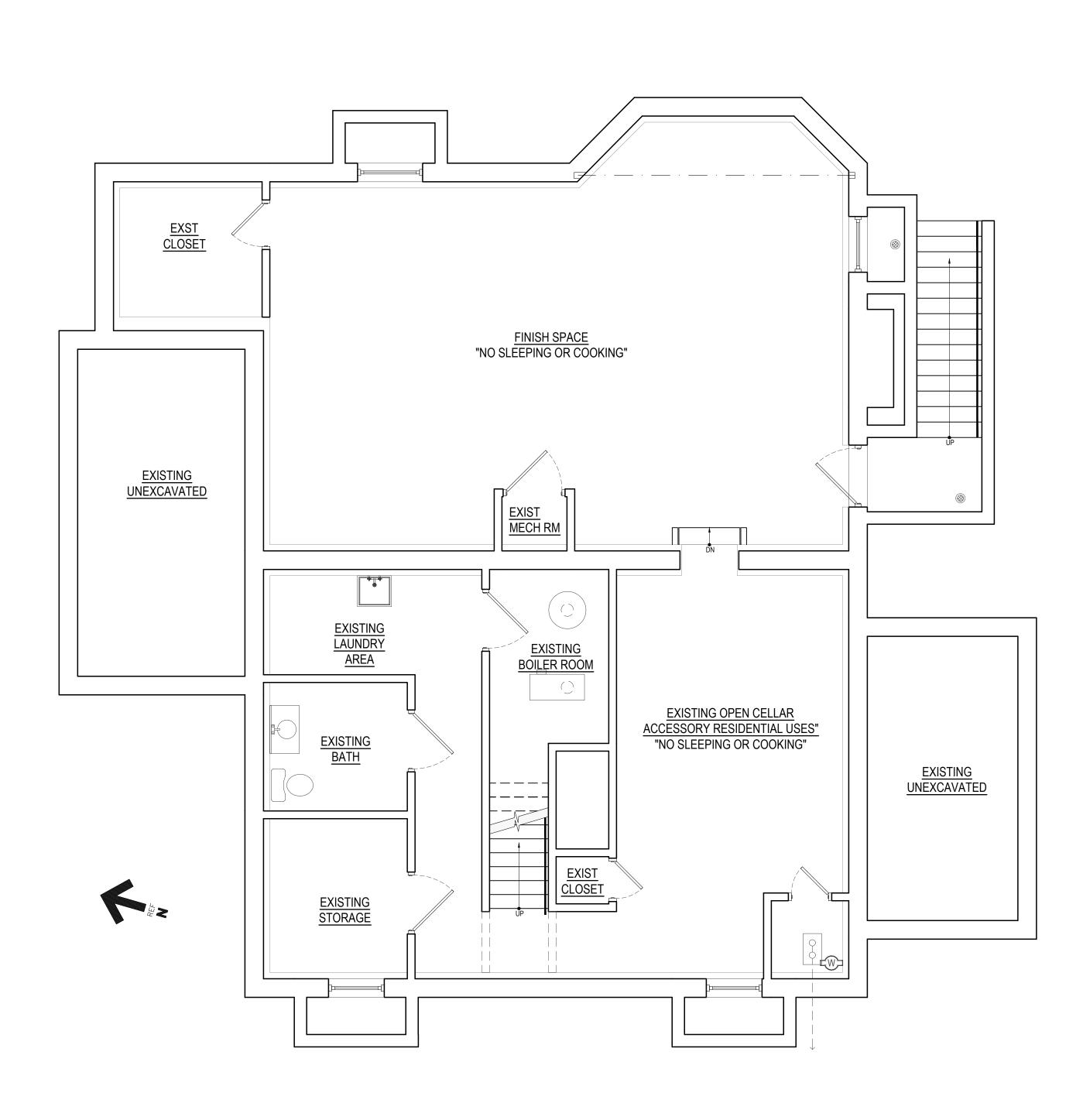
12. ALL STRUCTURAL LUMBER EXPOSED TO WEATHER SHALL BE PRESSURE TREATED. 13. USE GALVANIZED CONNECTORS (INCLUDING NAILS) AT ALL EXTERIOR SURFACES.

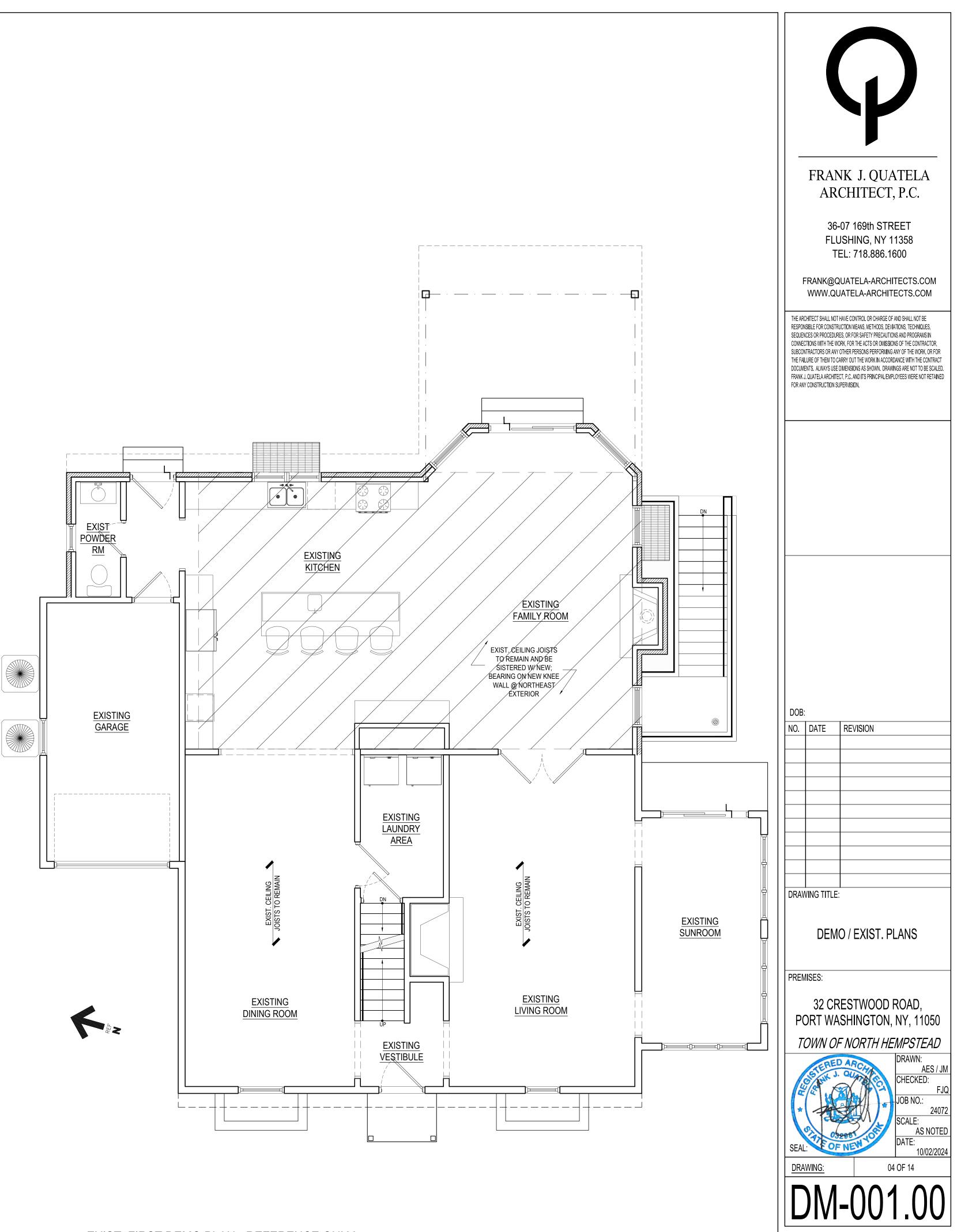
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DOB:
NO. DATE REVISION
DRAWING TITLE:
GENERAL NOTES
32 CRESTWOOD ROAD,
PORT WASHINGTON, NY, 11050
Image: Comparison of the comparison
G-001.00

SPECIAL NOTE: EXISTING PORTIONS OF HOUSE WALLS, WINDOWS, DOORS, ROOF, FLOORING AND FINISHES TO BE REMOVED USING HAND-HELD TOOLS ONLY.

DEMOLITION NOTES:

- THE CONTRACTOR SHALL FURNISH ALL LABOR AND MATERIALS AS REQUIRED TO COMPLETE DEMOLITION AND REMOVAL OF ALL ITEMS AS INDICATED ON THE DRAWINGS.
- 2. ALL WORK DEMOLISHED SHALL BE REMOVED FROM THE PREMISES EXCEPT ITEMS TO BE REUSED OR AS OTHERWISE DIRECTED.
- 3. THE CONTRACTOR SHALL REMOVE ALL WALL CONDUITS LEFT AFTER WALL DEMOLITION, INCLUDING SWITCH BOXES, PLATE BRIDGES OR ANY OTHER TELEPHONE, ELECTRICAL WIRING AND EQUIPMENT.
- IN ALL AREAS WHERE DEMOLITION OF WALLS CAUSES AN UNEVENNESS IN FLOORS, THE CONTRACTOR SHALL PATCH THE FLOOR.
- 5. ALL EXPOSED LIGHT FIXTURES, WIRING ELECTRIC PANELS AND METAL MOLDING NOT TO BE REUSED SHALL BE CARTED AWAY BY THE CONTRACTOR.
- 6. THE CONTRACTOR SHALL ERECT ALL NECESSARY PLASTIC DROP CLOTH PARTITIONS TO PROTECT ADJACENT BUILDING PROPERTY WHILE DEMOLITION AND CONSTRUCTION ARE IN PROGRESS.
- THE CONTRACTOR SHALL FURNISH A SYSTEM OF TEMPORARY LIGHTS THROUGHOUT THE SPACE UNDER CONSTRUCTION, AS REQUIRED.
- UPON COMPLETION OF THE DEMOLITIONS WORK, THE CONTRACTOR SHALL PROVIDE THAT ALL AREAS ARE TO BE LEFT BROOM CLEAN,
- 9. THE CONTRACTOR IS TO PROPERLY CAP ALL PLUMBING LINES WHERE THE FIXTURES ARE TO BE REMOVED.



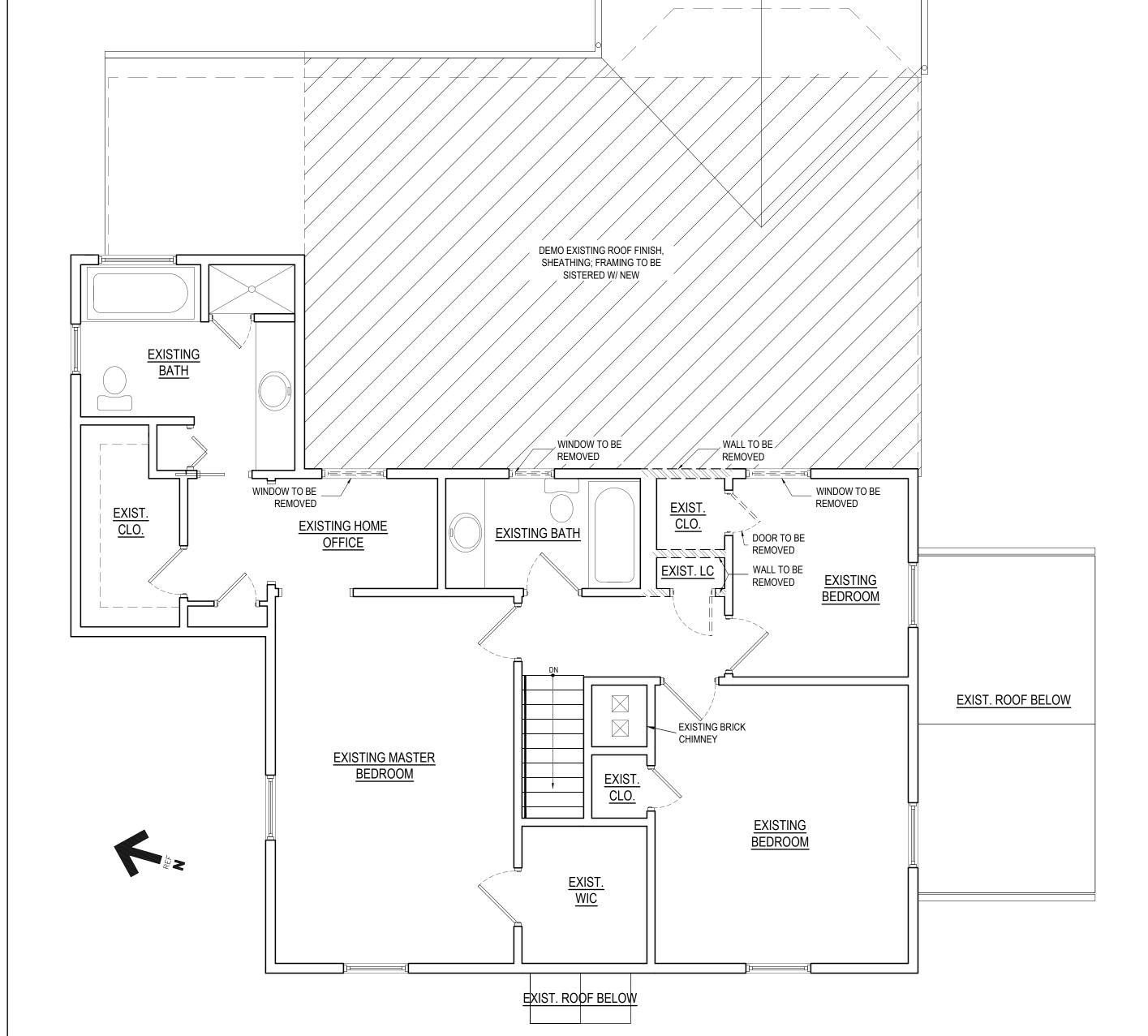


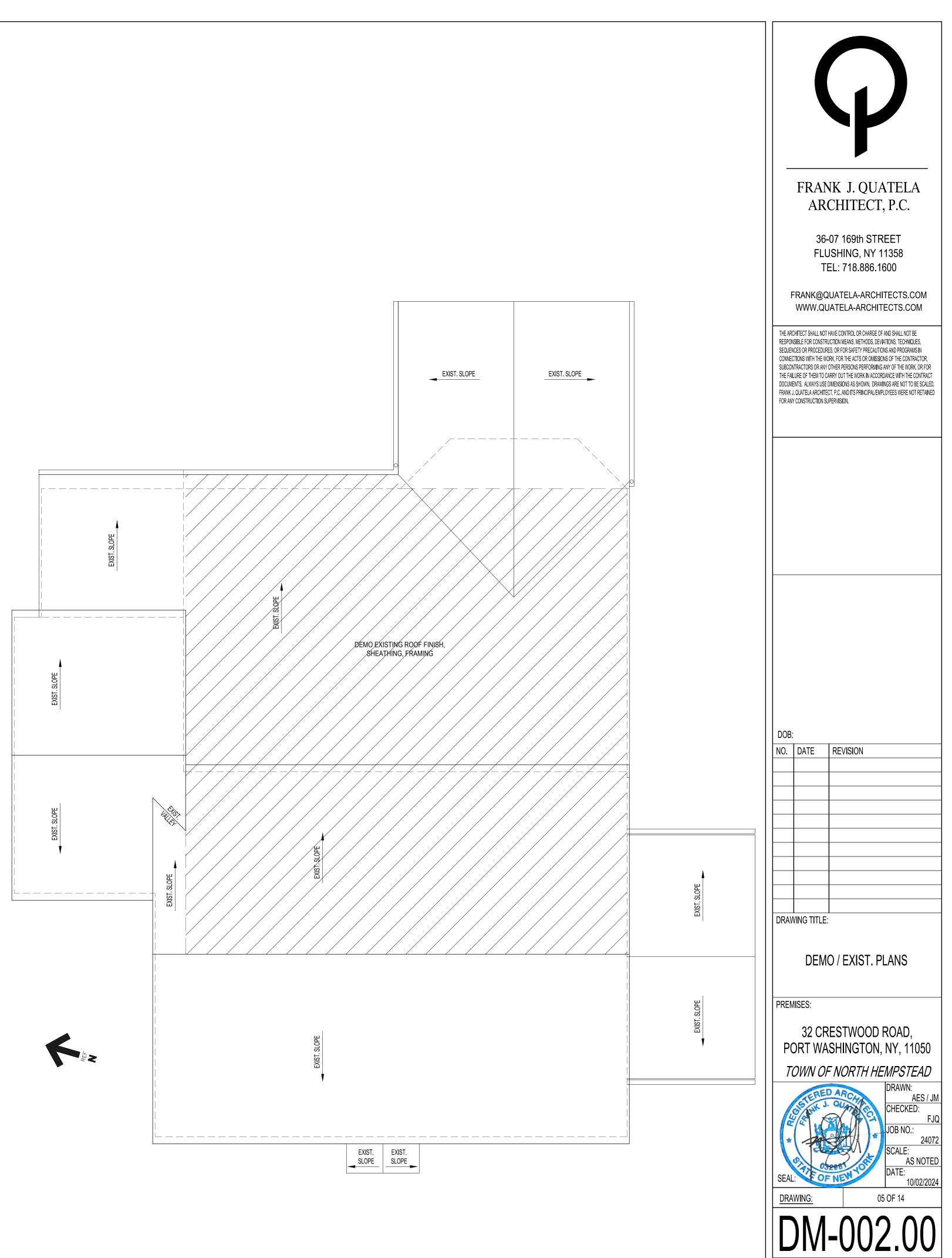
EXIST. FIRST DEMO PLAN - REFERENCE ONLY SCALE: 1/4" = 1'-0"

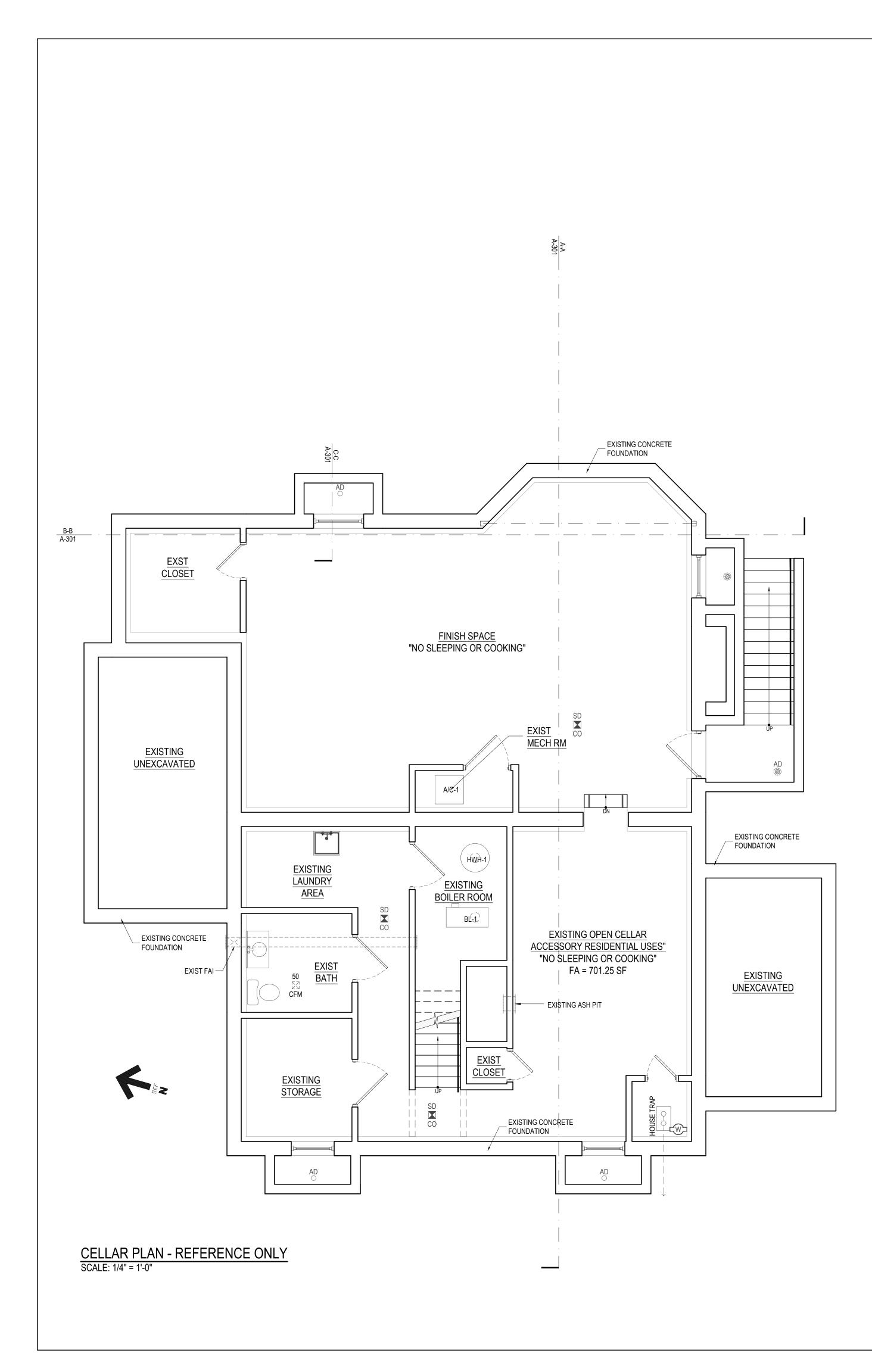
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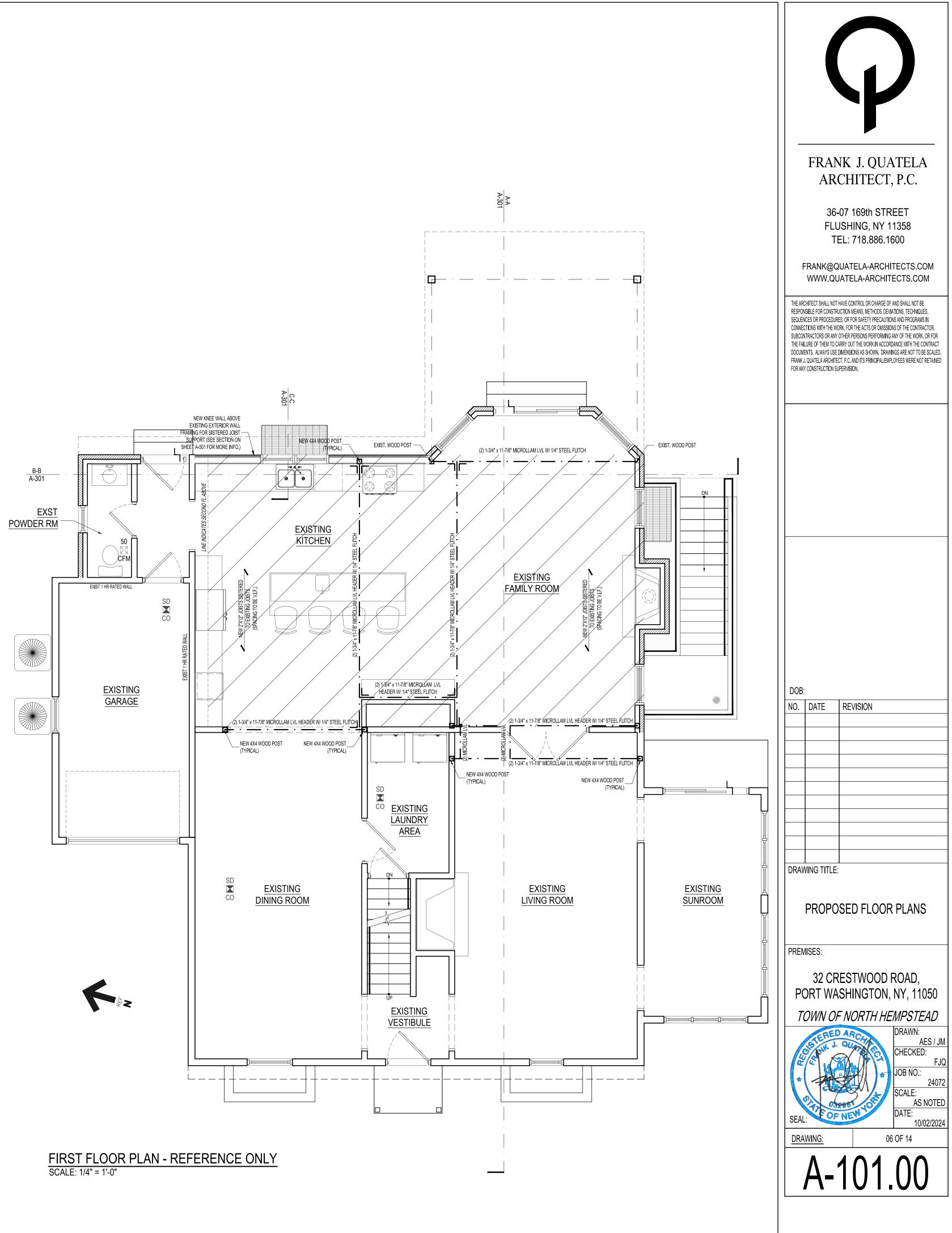
DEMOLITION NOTES:

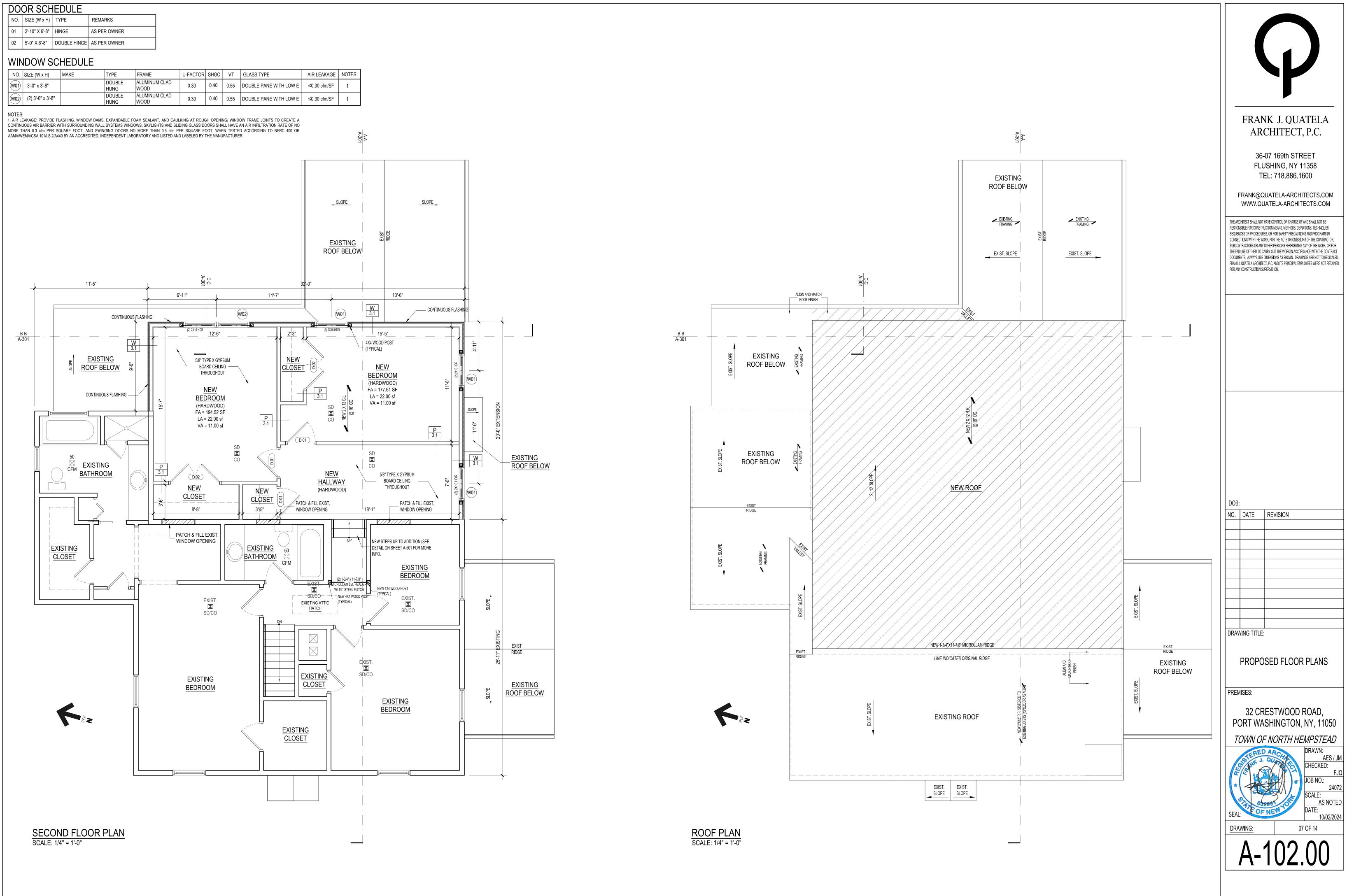
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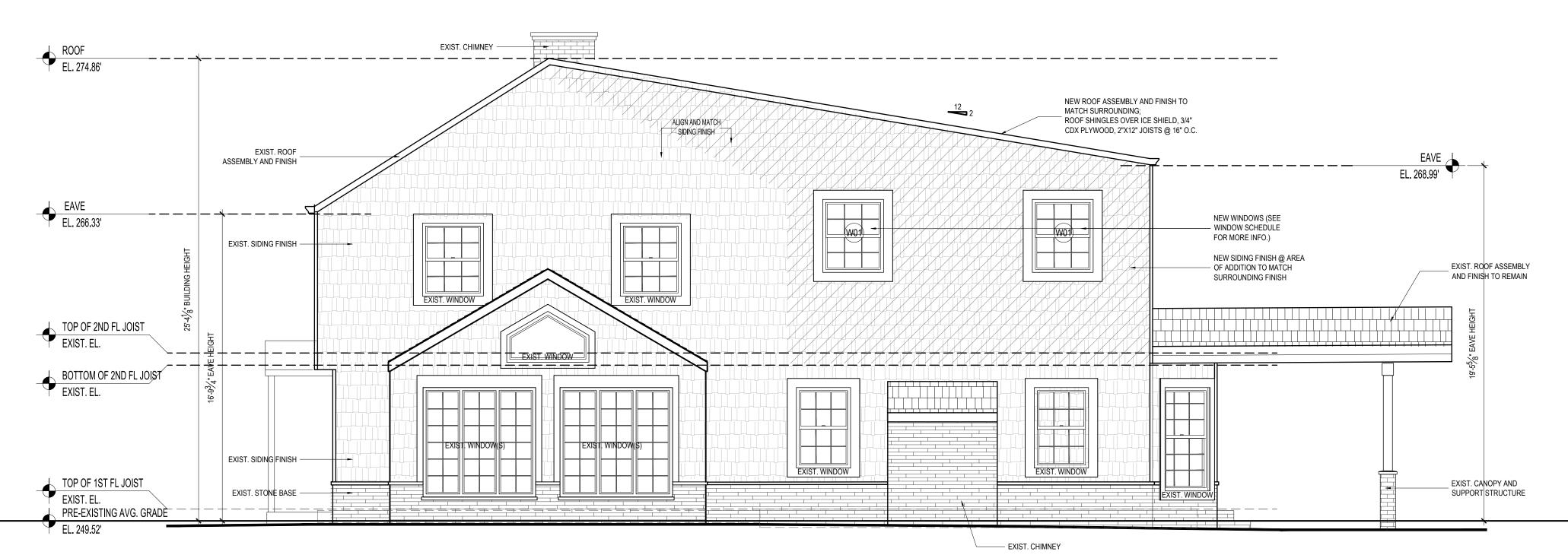








PROPOSED FRONT ELEVATION (WEST FACADE) SCALE: 1/4" = 1'-0"

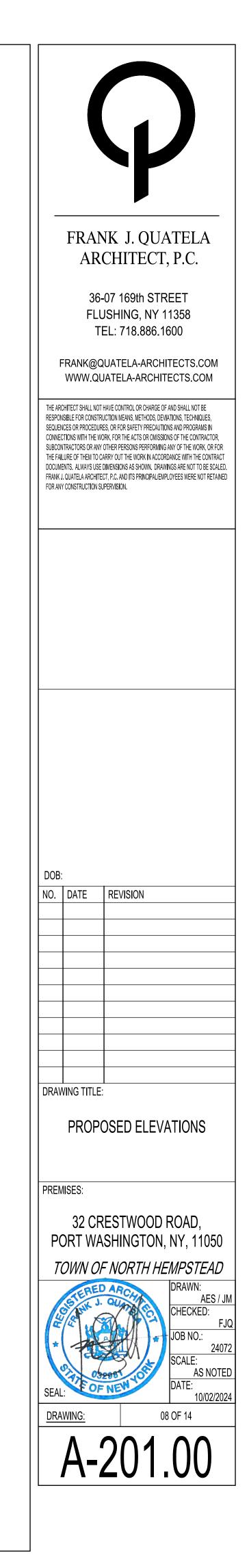


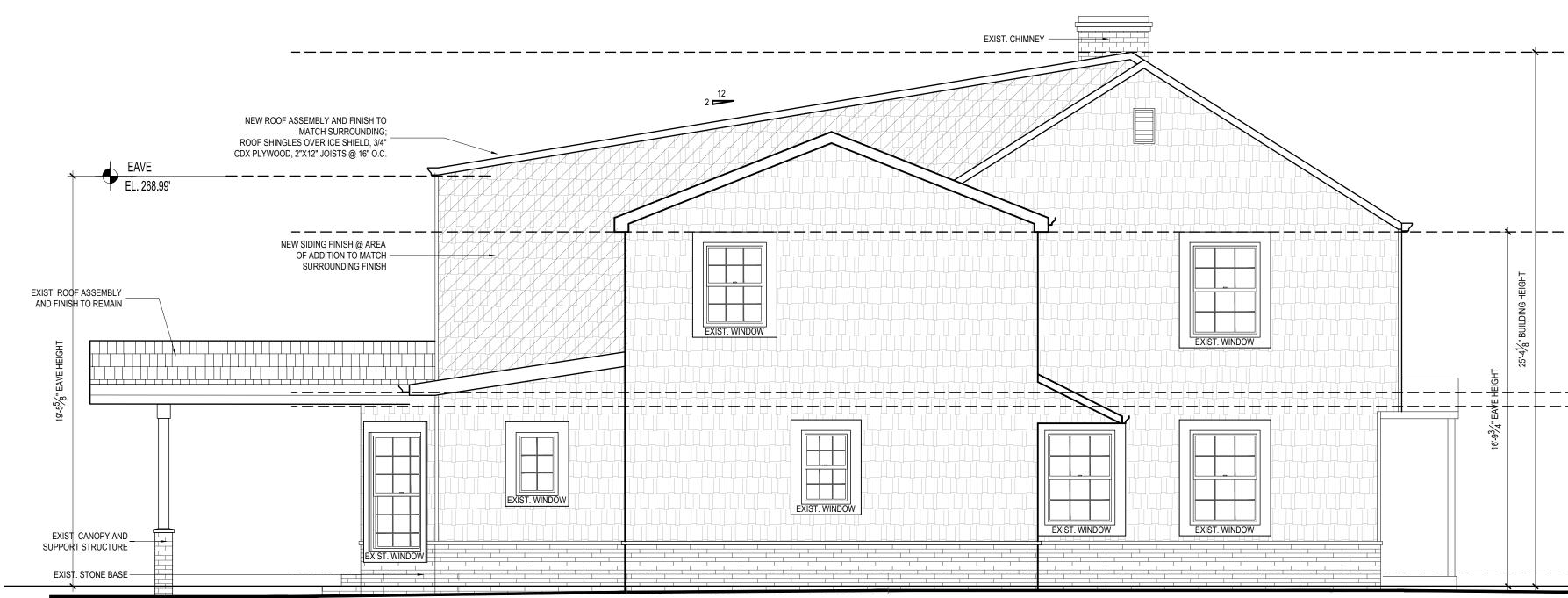
PROPOSED SIDE ELEVAT
SCALE: 1/4" = 1'-0"
HATCH INDICATES AREA OF ADDITION / PROPOSE

HATCH INDICATES AREA OF ADDITION / PROPOSED AS NEW

TION (SOUTH FACADE)

ED AS NEW





PROPOSED SIDE ELEVATION (NORTH FACADE) SCALE: 1/4" = 1'-0"

HATCH INDICATES AREA OF ADDITION / PROPOSED AS NEW

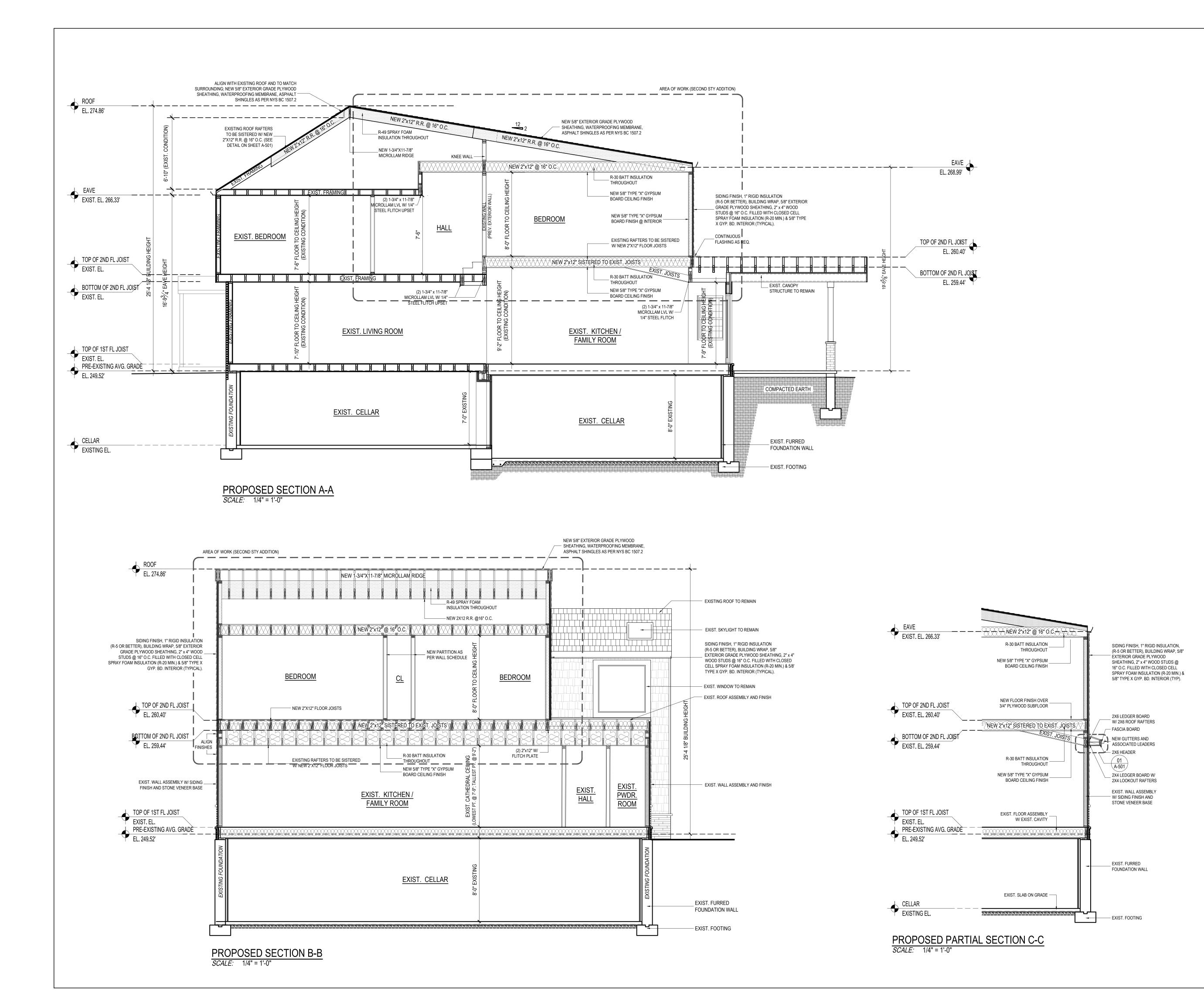


PROPOSED REAR ELEVATION (EAST FACADE) *SCALE:* 1/4" = 1'-0" HATCH INDICATES AREA OF ADDITION / PROPOSED AS NEW

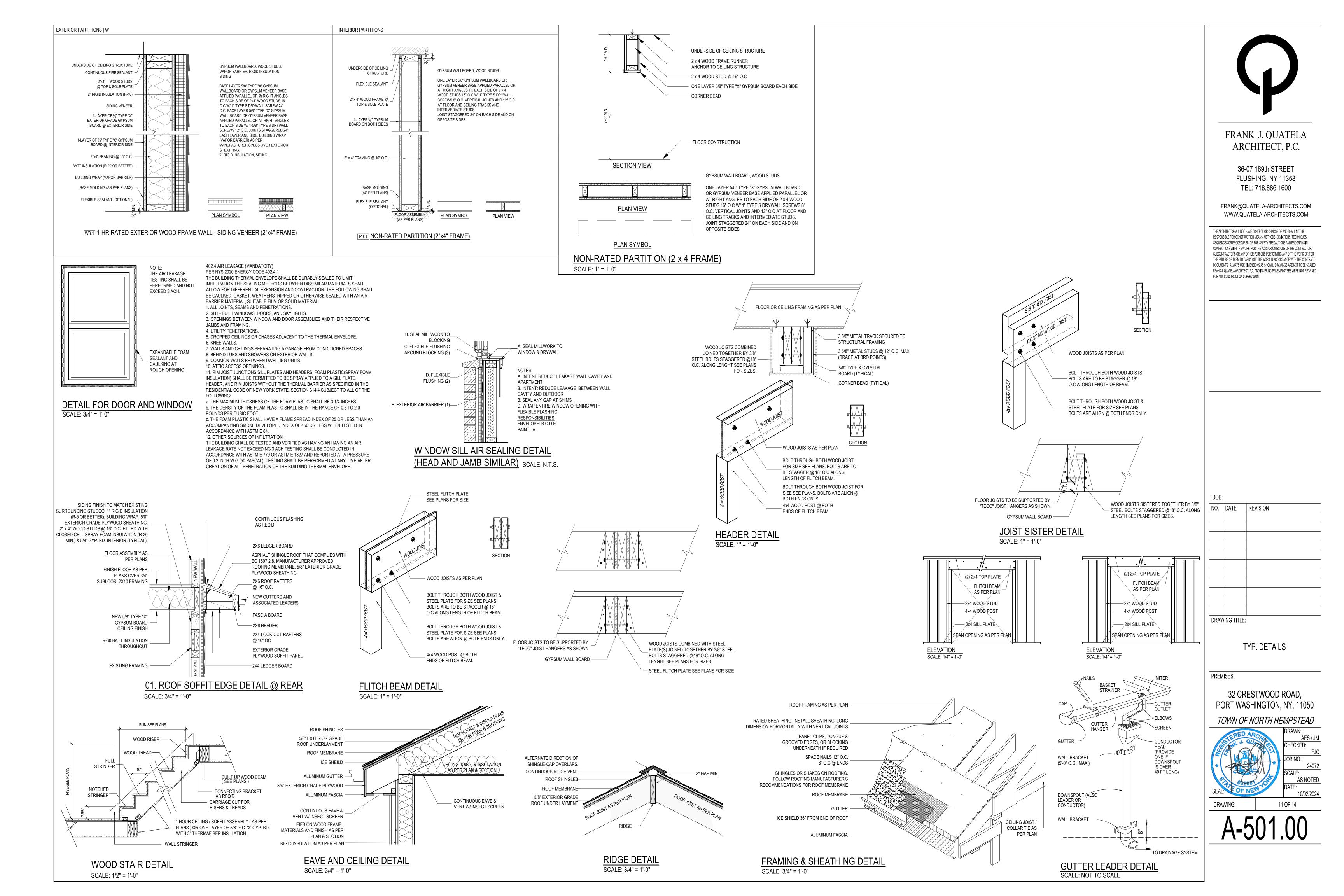


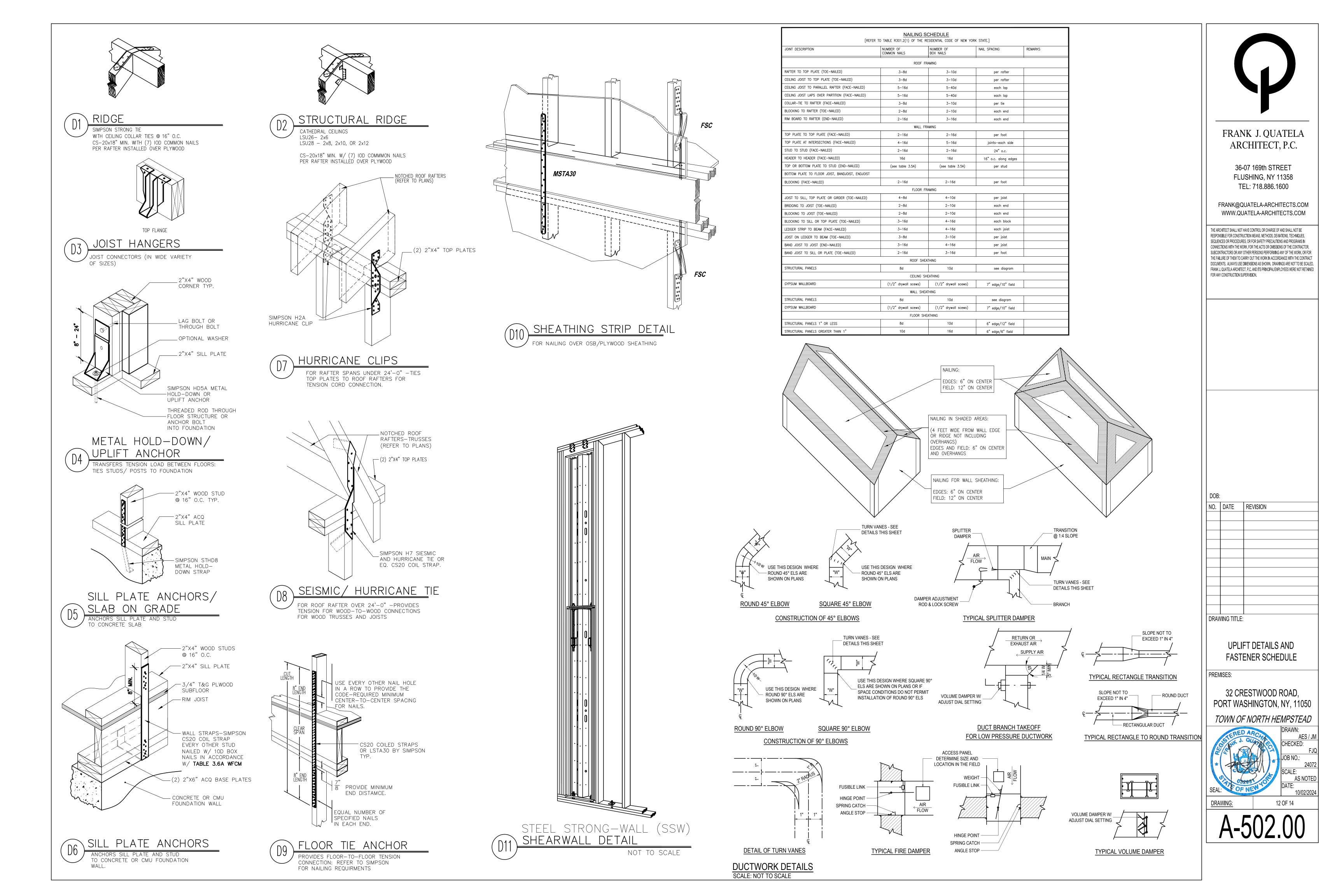
NEW ROOF EDGE SOFFIT (SEE DETAIL 01 ON SHEET A-501 FOR MORE INFO.) — PROVIDE CONTINUOUS FLASHING AS REQ.

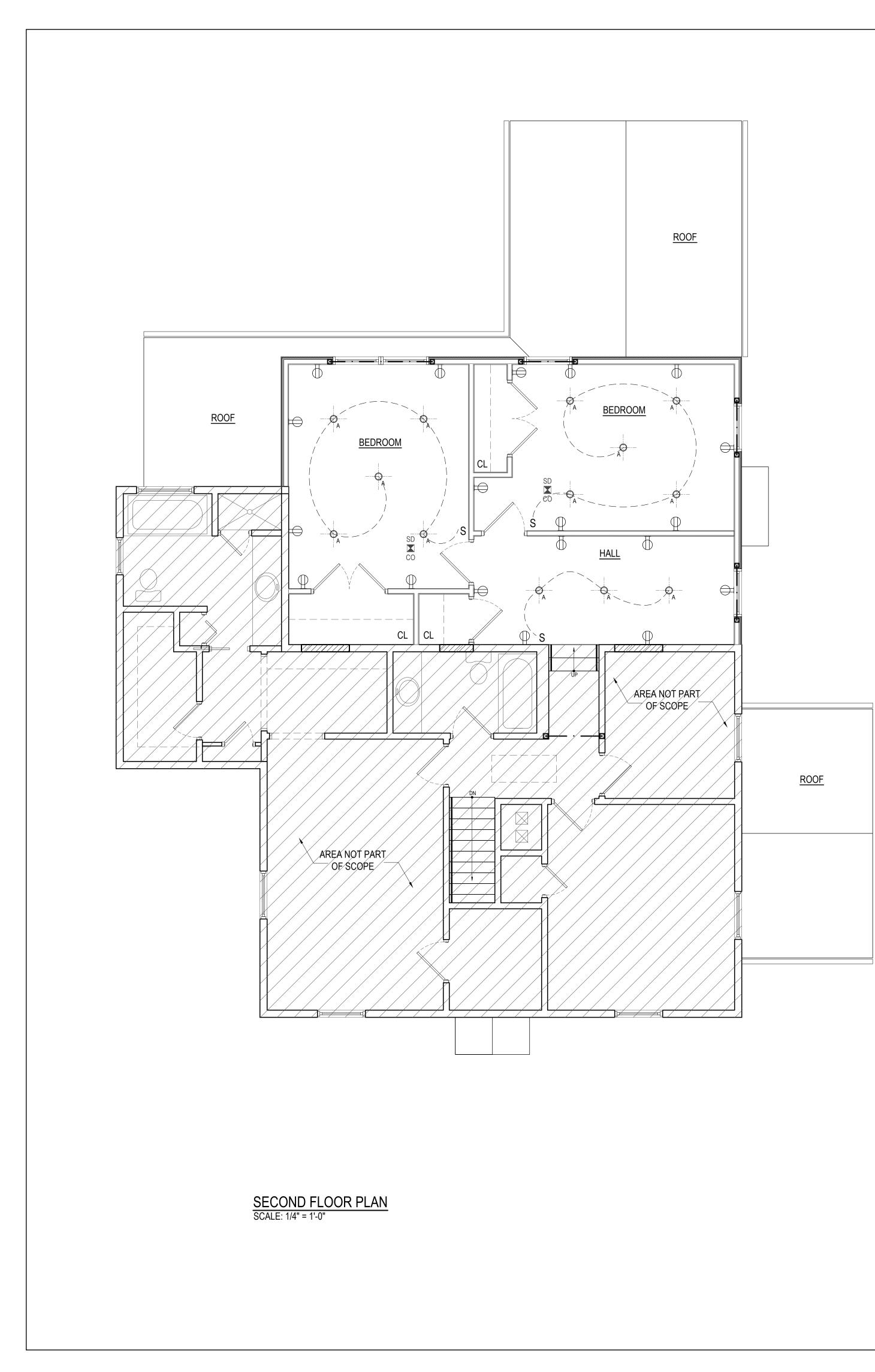
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TOP OF 2ND FL JOIST EXIST. EL.	
BQTTOM OF 2ND FL JOIST EXIST. EL.	
TOP OF 1ST FL JOIST EXIST. EL. PRE-EXISTING AVG. GRADE EL. 249.52'	
)F ₩	DOB: NO. DATE REVISION
VE 13'	
ST	DRAWING TITLE: PROPOSED ELEVATIONS
	PREMISES: 32 CRESTWOOD ROAD,
	PORT WASHINGTON, NY, 11050 TOWN OF NORTH HEMPSTEAD DRAWN: <u>AES / JM</u> <u>AES / JM</u> <u>HECKED:</u> <u>FJQ</u> JOB NO.: <u>24072</u> SCALE: <u>AS NOTED</u> DATE: <u>10/02/2024</u> DRAWING: 09 OF 14



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DOB: NO. DATE REVISION
DRAWING TITLE:
BUILDING SECTIONS
PREMISES:
32 CRESTWOOD ROAD, PORT WASHINGTON, NY, 11050
TOWN OF NORTH HEMPSTEAD DRAWN: AES / JM CHECKED: FJC
JOB NO.: 24072 SCALE: AS NOTED DATE:
DRAWING: 10 OF 14
A-301.00





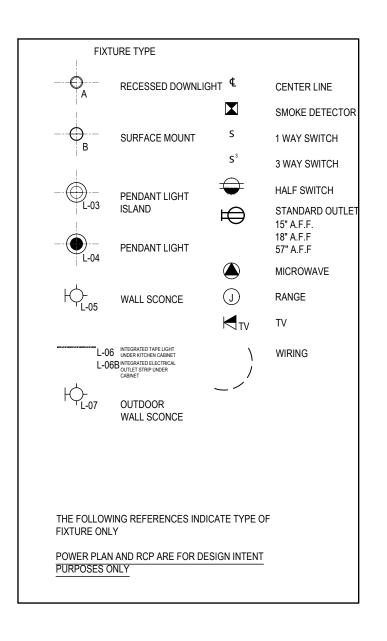


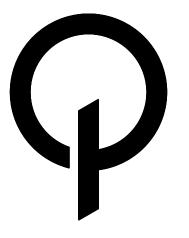
INTE	RIOR LIGHTING POWEF	R CALCULATIONS										
NO.	FIXTURE CATERGOTY	MANUFACTURER	MODEL	SERIES	TYPE	LUMEN /WATT	CRI	ССТ	VOLTAGE	WATTAGE	QUANTITIES	TOTAL WATTAGE
Α	RECESSED	HALO	H750ICAT-ML56	ML5609930	LED	101	94	3000K	120 V	9.4 W	100	940.0 W
TOTA	L LAMPS 13 ; 100 PERC	ENT OF LAMPS WIT	TH EFFICACY OF A	AT LEAST 65 LUMI	ENS PER WA	.TT						

SECOND FLOOR TOTAL

= 13HIGH EFFICACY LAMPS= 13TOTAL HIGH EFFICACY LAMPS NOTE: ALL LAMPS TO BE HIGH EFFICACY LAMPS 100% THEREFORE O.K.

NOTES: *RECESSED LUMINAIRES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED AND UNCONDITIONED SPACES. *RECESSED LUMINAIRES SHALL BE SEALED WITH A GASKET OR CAULKED BETWEEN THE HOUSING AND THE INTERIOR WALL OR CEILING COVERING.





FRANK J. QUATELA ARCHITECT, P.C.

36-07 169th STREET FLUSHING, NY 11358 TEL: 718.886.1600

FRANK@QUATELA-ARCHITECTS.COM WWW.QUATELA-ARCHITECTS.COM

THE ARCHITECT SHALL NOT HAVE CONTROL OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, DEVIATIONS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTIONS WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. ALWAYS USE DIMENSIONS AS SHOWN. DRAWINGS ARE NOT TO BE SCALED. FRANK J. QUATELA ARCHITECT, P.C. AND ITS PRINCIPAL/EMPLOYEES WERE NOT RETAINED FOR ANY CONSTRUCTION SUPERVISION.

DOB: NO. DATE REVISION 1 02-06-24 AS PER OWNER REQUEST

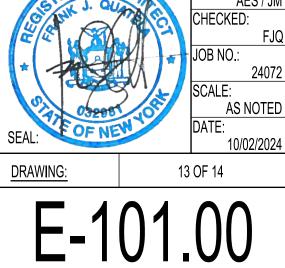
DRAWING TITLE:

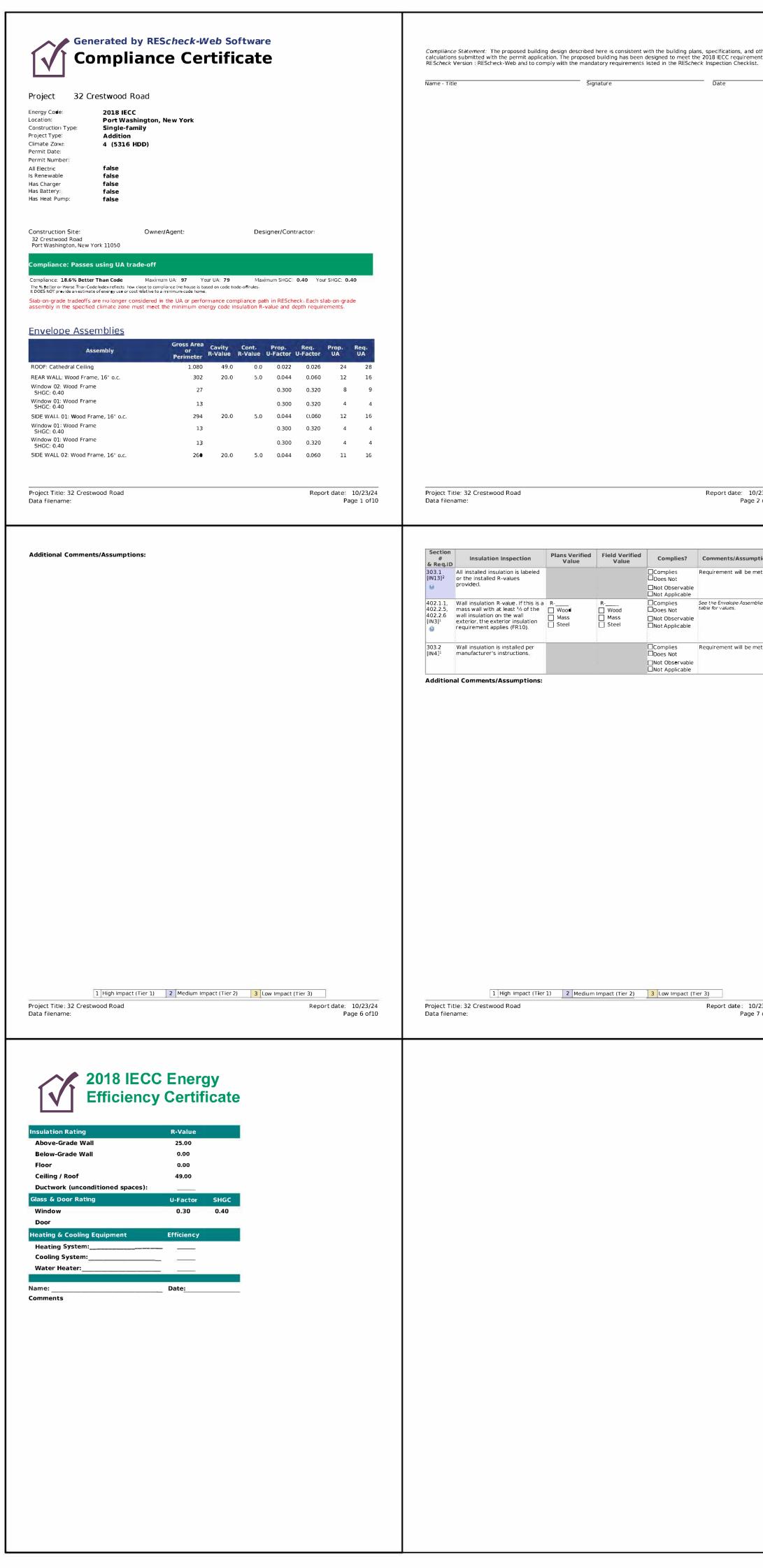
REFLECTED CEILING / POWER PLAN & SCHEDULE

PREMISES:

32 CRESTWOOD ROAD, PORT WASHINGTON, NY, 11050







				check-Web		& Req.ID	Foundation Inspection	Complies?		Comments/As	samptions
	Inspectio		CKIIST			303.2.1 [FO11] ²	A protective covering is installed to protect exposed exterior insulation and extends a minimum of 6 in. be grade.	Iow Not Observabl	le	equirement is not a	applicable.
•	ments: 100.0% were address he "Comments/Assumptions" co				rements screen. For each	403.9	Snow- and ice-melting system cont	Not Applicable	2	equirement is riot a	applicable.
requirem	nent, the user certifies that a co claimed. Where compliance is it	de requirement w	ill be met and ho	ow that is documer	nted, or that an exception	[FO12] ²	installed.	Does Not Not Observabl Not Applicable			
Section # & Req.ID	Pre-Inspection/Plan Review	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions	Addition	al Comments/Assumptions:				
103.1, 103.2 [PR1] ¹	Construction drawings and documentation demonstrate energy code compliance for the building envelope. Thermal envelope represented on			Complies Does Not Not Observable Not Applicable	Requirement will be met.						
103.1, 103.2, 403.7 [PR3] ¹	construction documents. Construction drawings and documentation demonstrate energy code compliance for lighting and mechanical systems. Systems serving multiple dwelling units must demonstrate compliance with the IECC			□Complies □Does Not □Not Observable □Not Applicable	Requirement will be met.	:					
302.1. 403.7 [PR2] ²	Commercial Provisions. Heating and cooling equipment is sized per ACCA Manual S based on loads calculated per ACCA Manual J or other methods approved by the code official.	Heating: Btu/hr Cooling: Btu/hr	Heating: Btu/hr Cooling: Btu/hr	Complies Does Not Not Observable Not Applicable	Requirement will be met.						
	nal Comments/Assumptions:										
	1 High Impact (Tier	1) 2 Medium	Impact (Tier 2)	3 Low Impact (T	er 3)		1 High Impact (Tier	1) 2 Medium Im	pact (Tier 2)	3 Low Impact (1	Fier 3)
			impact (Tier 2)		Report date: 10/23/24		itle: 32 Crestwood Road	I) Z Medium im	pact (Tiel 2)		Report
Project Ti Data filen	itle: 32 Crestwood Road name:				Page 3 of10	Data filer	name:				
Data filen	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?		Data filer Section #	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comme
Data filen	Final Inspection Provisions			Complies?	Page 3 of 10	Data filer Section # 403 6.1 [F125] ²	All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits per Table R403.6.1.		Value	Complies Does Not Not Observable Not Applicable	Exceptio not applic
Section # 402.1.1 402.2.1. 402.2.2.6 [F11] ¹	Final Inspection Provisions	Value R U Wood	Value R Wood	Complies Does Not Not Observable	Page 3 of10 Comments/Assumptions See the Envelope Assemblies	Data filer Section & Req.ID 403.6.1	Final Inspection Provisions All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits per Table		Value	Complies Does Not Not Observable	Exceptio not applic Exceptio not applic
Data filen Section # & Req.ID 402.1.1. 402.2.1. 402.2.6. [Fi1] ¹ 303.1.1.1. 303.2	Final Inspection Provisions Ceiling insulation R-value. Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every	Value R U Wood	Value R Wood	Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Complies Does Not Complies Does Not Not Observable Does Not	Page 3 of10 Comments/Assumptions See the Envelope Assemblies table for values.	Data filer Section # 4 03.6.1 [F125] ² 4 03.2 [F126] ²	Final Inspection Provisions All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits per Table R403.6.1. Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback control to lower boiler water temperature based •n outdoor temperature. Heated water circulation systems have a circulation pump. The system return pipe is a dedicated return pipe or a cold water supply pipe. Gravity and thermos-		Value	Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable	Exceptio not applic Exceptio not applic Exceptio not applic
Data filen # & Req.ID 402.1.1, 402.2.2, 402.2.6 [F11] ¹ 303.1.1.1, 303.2 [F12] ² 402.2.3 [F12] ² 402.2.4 [F13] ¹	 Final Inspection Provisions Ceiling insulation R-value. Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft². Vented attics with air permeable insulation include baffle adjacent to soffit and eave vents that extendes over insulation. Attic access hatch and door insulation ≥R-value of the adjacent assembly. 	Value R Wood Steel	Value R Vood Steel R	Complies Does Not Not Observable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Observable Not Observable Not Observable	Page 3 of10 Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Exception: Requirement is not applicable. Requirement will be met.	Data filer * & Req.ID 403.6.1 [FI25] ² 403.2 [FI26] ² 403.5.1.1	Final Inspection Provisions All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits per Table R403.6.1. Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback control to lower boiler water temperature based •n outdoor temperature. Heated water circulation systems have a circulation pump. The system return pipe is a dedicated return pipe or a cold water supply pipe. Gravity and thermos- syphon circulation systems are not present. Controls for circulating hot water system pumps start the pump with signal for hot water demand within the occupancy. Controls		Value	Complies Does Not Not Applicable Complies Complies Not Observable Not Applicable Complies Complies Not Applicable Not Applicable Not Applicable Not Observable Not Observable Not Observable	Exceptio not applic Exceptio not applic Exceptio not applic
Data filen # & Req.ID 402.1.1, 402.2.2, 402.2.6 [F11] ¹ 303.1.1.1, 303.2 [F12] ¹ 402.2.3 [F12] ² 402.2.4 [F12] ¹ 402.2.4 [F13] ¹ 402.4.1.2 [F117] ¹ 403.3.3	 Final Inspection Provisions Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft². Vented attics with air permeable insulation include baffle adjacent to soffit and eave vents that extendes over insulation. Attic access hatch and door insulation ≥R-value of the adjacent assembly. Blower door test @ 50 Pa. <=5 ach in Climate Zones 1-2, and <=3 ach in Climate Zones 3-8, Ducts are pressure tested to 	Value R Wood Steel R ACH 50 =	Value R Wood Steel R ACH 50 = cfm/100	Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Observable Not Observable Complies Does Not Complies Does Not Complies Does Not Complies	Page 3 of10 Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Exception: Requirement is not applicable. Requirement will be met.	Data filer	Final Inspection Provisions All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits per Table R403.6.1. Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback control to lower boiler water temperature based •n outdoor temperature. Heated water circulation systems have a circulation pump. The system return pipe is a dedicated return pipe or a cold water supply pipe. Gravity and thermos- syphon circulation systems are not present. Controls for circulating hot water system pumps start the pump with signal for hot water demand within the occupancy. Controls automatically turn off the pump when water is in circulation loop is at set-point temperature and no demand for hot water exists. Electric heat trace systems		Value	Complies Does Not Not Applicable Complies Complies Complies Complies Complies Not Applicable Not Applicable Not Applicable Not Applicable Complies Complies	Exceptio not applic Exceptio not applic Exceptio not applic
Data filen # & Req.ID 402.1.1, 402.2.2, 402.2.6 [F1] ¹ 303.1.1.1, 303.2 [F12] ¹ 402.2.3 [F12] ² 402.2.4 [F13] ¹ 402.2.4 [F13] ¹	Final Inspection Provisions Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft². Vented attics with air permeable insulation include baffle adjacent to soffit and eave vents that extends over insulation. Attic access hatch and door insulation ≥R-value of the adjacent assembly. Blower door test @ 50 Pa. <<=5 ach in Climate Zones 1-2, and <=3 ach in Climate Zones 1-2, and <=3 ach in Climate Zones 1-2, and <=3 ach in Climate Zones 1-0 and include ge measured with a pressure differential of 0.1 inch w.g. across the system including the manufacturer's air handler	Value R Wood Steel	Value R Wood Steel	Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable	Page 3 of10 Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Exception: Requirement is not applicable. Requirement will be met. Requirement will be met. Requirement will be met.	Data filer	Final Inspection Provisions All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits per Table R403.6.1. Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback control to lower boiler water temperature based •n outdoor temperature based •n outdoor temperature. Heated water circulation systems have a circulation pump. The system return pipe is a dedicated return. Graver and thermos- syphon circulation systems are not present. Controls for circulating hot water system pumps start the pump with signal for hot water is in circulation loop is at set-point temperature and no demand for hot water exists. Electric heat trace systems comply with IEEE 515.1 or UL 515. Controls automatically adjust the energy input to the heat tracing to maintain the desired water temperature in the piping.		Value	Complies Unot Applicable Complies Complies Complies Complies Complies Not Applicable Complies Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable	Exceptio not applic Exceptio not applic Exceptio not applic
Data filen # & Req.ID 402.1.1, 402.2.2, 402.2.6 [F11] ¹ 303.1.1.1, 303.2 [F12] ¹ 402.2.3 [F12] ² 402.2.4 [F12] ¹ 402.2.4 [F13] ¹ 402.4.1.2 [F117] ¹ 403.3.3	Final Inspection Provisions Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft². Vented attics with air permeable insulation include baffle adjacent to soff and eave vents that extends over insulation. Attic access hatch and door insulation ≥R-value of the adjacent adjacent assembly. Blower door test @ 50 Pa. <<=5 ach in Climate Zones 1-2, and <=3 ach in Climate Zones 3-8.	Value R Wood Steel R ACH 50 =	Value R Wood Steel R ACH 50 = cfm/100	Complies Does Not Not Observable Not Observable Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Observable Not Observable Not Observable Not Observable Not Observable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Does Not Not Observable	Page 3 of10 Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Exception: Requirement is not applicable. Requirement will be met.	Data filer	Final Inspection Provisions All mechanical ventilation system fans not part of tested and listed HVAC equipment mext efficacy and air flow limits per Table R403.6.1. Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback control to lower boiler water temperature based •n outdoor temperature. Heated water circulation systems have a circulation pump. The system return pipe is a dedicated return pipe or a cild water supply pipe. Gravity and water system pumps start the pump with signal for hot water is in circulation loop is at set-point temperature and no demand for hot water exists. Electric heat trace systems comply with IEE 515.1 or UL 515. Controls automatically adjust the energy input to the heat tracing to maintain the desired water temperature in the piping. Demand recirculation water systems have controls that manage operation of the pump and limit the temperature of the water energing the cold water piping to <= 1049F.		Value	Complies Does Not Not Observable Complies Does Not Not Applicable Complies Does Not Not Applicable Complies Does Not Not Observable Not Applicable Complies Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Not Applicable	Exception not application Exception not application Exception not application
Data filen Section # 6. Req.ID 402.1.1, 402.2.4, [FI]1 303.1.1.1, 303.2, [FI2]2 402.2.3 [FI2]1 402.2.4 [FI2]1 402.2.4 [FI2]1 402.3.3 [FI27]1 403.3.3 [FI27]1 403.3.4 [FI4]1	 Final Inspection Provisions Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft². Vented attics with air permeable insulation include baffle adjacent to soff and eave vents that extends over insulation. Attic access hatch and door insulation ≥R-value of the adjacent assembly. Blower door test @ 50 Pa. <=5 ach in Climate Zones 1-2, and <=3 ach in Climate Zones 3-8. Ducts are pressure tested to determine air leakage with a pressure differential of 0.1 inch w.g. across the system including the manufacturer's air handler enclosure. Duct tightness test result of <=4 cfm/100 ft2 without air handler @ 25 Pa. For rough-in tests. vorification may need to occur during Framing Inspection. 	Value R Wood Steel R ACH 50 = ACH 50 = ft ² cfm/100 ft ² cfm/100	Value R Wood Steel R ACH 50 = cfm/100	Complies Does Not Not Observable Does Not Not Observable Not Observable Not Observable Not Observable Not Observable Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable	Page 3 of10 Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Exception: Requirement is not applicable. Requirement will be met. Exception: Requirement is not applicable.	Data filer	Final Inspection Provisions All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits per Table R403.61. Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback control to lower boiler water temperature based • n outdoor temperature. Heated water circulation systems have a circulation pump. The system return pipe is a dedicated return pipe or a cold water supply pipe. Gravity and thermos- system the pump with signal for hot water demand within the occupancy. Controls automatically turn off the pump when water is in circulation loop is at set-point temperature and no demand for hot water exists. Electric heat trace systems comply with IEEE 515.1 or UL 515. Controls automatically adjust the energy input to the heat tracing to maintain the desired water temperature in the piping. Demand recirculation water systems have controls that manage operation of the pump and limit the temperature of the water entering the cold water piping to <= 1044F. Drain water heat recovery units tested in accordance with CSA B55.1. Potable water-side pressure loss of drain water heat recovery units <3 psi for individual units connected to one or two showers. Potable water-		Value	Complies Does Not Not Applicable Complies Complies Complies Complies Complies Complies Complies Not Applicable Complies Not Applicable Complies Does Not Not Observable Not Applicable Complies Does Not Not Applicable Not Applicable Complies Not Applicable Complies Does Not Not Observable Complies Does Not Not Observable Complies Does Not Not Observable Complies	Exception not application Exception not application Exception not application Exception not application Exception not application Exception not application
Data filen Section # 402.1.1, 402.2.1, 402.2.1, 402.2.1, 402.2.1, 402.2.6, [F11] ¹ 303.1.1.1, 303.2, [F12] ¹ 402.2.4, [F12] ¹ 402.2.4, [F17] ¹ 403.3.3, [F127] ² 403.3.4, [F14] ¹ 403.3.2.1	Final Inspection Provisions Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft². Vented attics with air permeable insulation include baffle adjacent to soff and eave vents that extends over insulation. Attic access hatch and door insulation ≥R-value of the adjacent assembly. Blower door test @ 50 Pa. <<=5 ach in Climate Zones 1-2, and <=3 ach in Climate Zones 3-8.	Value R Wood Steel R ACH 50 = ACH 50 = ft ² cfm/100 ft ² cfm/100	Value R	Complies Com	Page 3 of10 Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Exception: Requirement is Requirement will be met. Requirement will be met. Exception: Requirement is not applicable. Exception: Requirement is not applicable.	Data filer	Final Inspection Provisions All mechanical ventilation system fans not part of tested and listed HVAC equipment mext efficacy and air flow limits per Table R403.6.1. Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback control to lower boiler water temperature based •n outdoor temperature. Heated water circulation systems have a circulation pump. The system return pipe is a dedicated return pipe or a cdl water supply pipe. Gravity and thermos- syphon circulation systems are not present. Controls for circulating hot water system pumps start the pump with signal for hot water demand within the occupancy. Controls automatically turn off the pump when water is in circulation loop is at set-point temperature and no demand for hot water exists. Electric heat trace systems comply with IEEE 515.1 or UL 515. Controls automatically adjust the energy input to the heat tracing to maintain the desired water temperature in the piping. Demand recirculation water systems have controls that manage operation of the pump and limit the temperature of the water entering the cold water piping to <= 1049F.		Value	Complies Does Not Complies Complies Complies Complies Complies Complies Complies Complies Complies Not Applicable Complies Not Applicable Complies	Exception not application Exception not application Exception not application Exception not application Exception not application Exception not application
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Data filen Section # 402.11 , 402.2.4 402.2.5 (FI2) ¹ 402.2.3 (FI2) ¹ 402.2.3 (FI2) ¹ 402.2.4 (FI2) ¹ 402.2.4 (FI3) ¹ 402.2.4 (FI3) ¹ 402.2.4 (FI3) ¹ 402.2.4 (FI3) ¹ 403.3.3 (FI27) ¹ 403.3.4 (FI4) ¹ 403.3.2.1 (FI24) ¹ 403.3.1	Final Inspection Provisions Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft². Vented attics with air permeable insulation include baffle adjacent to soff and eave vents that extends over insulation. Attic access hatch and door insulation ≥R-value of the adjacent assembly. Blower door test @ 50 Pa. <<=5 ach in Climate Zones 1-2, and <=3 ach in Climate Zones 3-8.	Value R Steel R ACH 50 = ACH 50 = ft² cfm/100 ft²	Value R	Complies Does Not Not Observable Not Observable Does Not Does Not Not Observable Does Not Not Observable Does Not Not Observable Does Not Not Observable Complies Does Not Not Observable Complies Does Not Not Observable Complies Does Not Not Observable Not Applicable Complies Does Not Not Applicable <t< td=""><td>Page 3 of10 Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Exception: Requirement is not applicable. Requirement will be met. Requirement will be met. Exception: Requirement is not applicable. Exception: Requirement is not applicable.</td><td>Data filer</td><td>Final Inspection Provisions All mechanical ventilation system fans not part of tested and listed HVAC equipment mext efficacy and air flow limits per Table R403.61. Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback temperature based •n outdoor temperature based •n outdoor temperature. Heated water circulation systems have a circulation systems have a circulation systems have a circulation systems present. Controls for circulating hot water system pumps start the pump with signal for hot water demand within the occuparcy. Controls automatically turn off the pump when water is in circulation loop is at set-point temperature and no demand for hot water exists. Electric heat trace systems comply with IEEE 515.1 or UL S15. Controls automatically adjust the energy input to the heat tracing to maintain the desired water temperature of the water entering the cold water piping t</td><td></td><td>Value</td><td>Complies Not Applicable Complies Not Applicable Complies Not Applicable Complies Does Not Complies Does Not Complies Does Not Complies Does Not Complies Compli</td><td>Exception not application Exception not application Exception not application Exception not application Exception not application Requirement Exception</td></t<>	Page 3 of10 Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Exception: Requirement is not applicable. Requirement will be met. Requirement will be met. Exception: Requirement is not applicable.	Data filer	Final Inspection Provisions All mechanical ventilation system fans not part of tested and listed HVAC equipment mext efficacy and air flow limits per Table R403.61. Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback temperature based •n outdoor temperature based •n outdoor temperature. Heated water circulation systems have a circulation systems have a circulation systems have a circulation systems present. Controls for circulating hot water system pumps start the pump with signal for hot water demand within the occuparcy. Controls automatically turn off the pump when water is in circulation loop is at set-point temperature and no demand for hot water exists. Electric heat trace systems comply with IEEE 515.1 or UL S15. Controls automatically adjust the energy input to the heat tracing to maintain the desired water temperature of the water entering the cold water piping t		Value	Complies Not Applicable Complies Not Applicable Complies Not Applicable Complies Does Not Complies Does Not Complies Does Not Complies Does Not Complies Compli	Exception not application Exception not application Exception not application Exception not application Exception not application Requirement Exception
Section & Req.ID 402.1.1, 402.2.1, 402.2.1, 402.2.1, 402.2.1, 402.2.1, 402.2.1, 402.2.1, 402.2.1, 402.2.1, 402.2.1, 402.2.1, 402.2.2, 402.2.3 [F12]1 402.2.4 [F13]1 402.2.4 [F17]1 403.3.3, [F12]1 403.3.3, [F12]1 403.3.4, [F14]1 403.3.2.1 [F124]2 403.1.1 [F10]2 403.1.2 [F110]2	Final Inspection Provisions Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft². Vented attics with air permeable insulation include baffle adjacent to soffit and eave vents that extends over insulation. Attic access hatch and door insulation ≥R-value of the adjacent assembly. Blower door test @ 50 Pa. <<=5 ach in Climate Zones 1-2, and <=3 ach in Climate Zones 3-8.	Value R Steel R ACH 50 = ACH 50 = ft² cfm/100 ft²	Value R	Complies Does Not Not Observable Complies Does Not Not Observable Complies Does Not Not Observable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Applicable <td>Page 3 of10 Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Exception: Requirement is Requirement will be met. Requirement will be met. Requirement will be met. Exception: Requirement is not applicable. Exception: Requirement is Exception: Requirement is</td> <td>Data filer</td> <td>Final Inspection Provisions All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits per Table R403.61. Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback control to lower boiler water temperature. Heated water circulation systems have a circulation pump. The system return pipe or a cold water supply pipe. Gravity and thermos- system return pipe or a cold water supply pipe. Gravity and thermos- system return pipe or a cold water system pumps start the pump with signal for hot water demand within the occupancy. Controls automatically turn off the pump when water is in circulation loop is at set-point temperature and no demand for hot water exists. Electric heat trace systems comply with IEEE 515.1 or UL S15. Controls automatically adjust the energy input to the heat racing to maintain the desired water temperature of the water entering the cold</td> <td></td> <td>Value</td> <td>Complies Does Not Not Applicable Complies Does Not Not Observable Complies Does Not Not Observable Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Observable Not Observable Not Observable Not Observable Not Applicable</td> <td>Exception not application Exception not application Requirement Exception not application Requirement Requirement Requirement Requirement</td>	Page 3 of10 Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Exception: Requirement is Requirement will be met. Requirement will be met. Requirement will be met. Exception: Requirement is not applicable. Exception: Requirement is Exception: Requirement is	Data filer	Final Inspection Provisions All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits per Table R403.61. Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback control to lower boiler water temperature. Heated water circulation systems have a circulation pump. The system return pipe or a cold water supply pipe. Gravity and thermos- system return pipe or a cold water supply pipe. Gravity and thermos- system return pipe or a cold water system pumps start the pump with signal for hot water demand within the occupancy. Controls automatically turn off the pump when water is in circulation loop is at set-point temperature and no demand for hot water exists. Electric heat trace systems comply with IEEE 515.1 or UL S15. Controls automatically adjust the energy input to the heat racing to maintain the desired water temperature of the water entering the cold		Value	Complies Does Not Not Applicable Complies Does Not Not Observable Complies Does Not Not Observable Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Observable Not Observable Not Observable Not Observable Not Applicable	Exception not application Requirement Exception not application Requirement Requirement Requirement Requirement

& Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.1, 402.3.1, 402.3.3, 402.5 [FR.2] ¹	Glazing U-factor (area-weighted average).	U	U	Complies Does Not Not Observable Not Applicable	See the Envelope Assemblies table før values.
303 1.3 [FR4] ¹	U-factors of fenestration products are determined in accordance with the NFRC test procedure or taken from the default table.			Complies Does Not Not Observable Not Applicable	Requirement will be met.
402.4.1.1 [FR.23] ¹ ④	Air barrier and thermal barrier installed per manufacturer's instructions.			Complies Does Not Not Observable Not Applicable	Requirement will be met.
402.4.3 [FR20] ¹	Fenestration that is not site built is listed and labeled as meeting AAMA/WDMA/CSA 101/I.52/A440 or has infiltration rates per NFRC 400 that do not exceed code limits.			Complies Does Not Not Observable Not Applicable	Requirement will be met.
402.4.5 [FR16] ²	IC-rated recessed lighting fixtures sealed at housing/interior finish and labeled to indicate \leq 2.0 cfm leakage at 75 Pa.			Complies Does Not Not Observable Not Applicable	Exception: Requirement is not applicable.
403.3.1 [FR12] ¹	Supply and return ducts in attics insulated $>=$ R-8 where duct is >= 3 inches in diameter and $>=R-6 where < 3 inches. Supply andreturn ducts in other portions ofthe building insulated >= R-6 fordiameter >= 3 inches and R-4.2for < 3 inches in diameter.$			Complies Does Not Not Observable Not Applicable	Exception: Ducts located completely inside the building envelope.
403.3.2 [FR13] ¹ ②	Ducts, air handlers and filter boxes are sealed with joints/seams compliant with International Mechanical Code or International Residential Code, as applicable.			Complies Does Not Not Observable Not Applicable	Exception: Requirement is not applicable.
403.3.5 [FR15] ³	Building cavities are not used as ducts or plenums.			Complies Does Not Not Observable	Requirement will be met.
403.4 [FR17] ²	HVAC piping conveying fluids above 105 $^{\circ}$ F or chilled fluids below 55 $^{\circ}$ F are insulated to \geq R-3.	R	R	Complies Does Not Not Observable Not Applicable	Exception: Requirement is not applicable.
403.4.1 [FR24] ¹	Protection of insulation on HVAC piping.			Complies Does Not Not Observable Not Applicable	Exception: Requirement is not applicable.
403.5.3 [FR:18] ²	Hot water pipes are insulated to ≥R-3.	R	R	Complies Does Not Not Observable Not Applicable	Exception: Requirement is not applicable.
403.6 [FR19]²	Automatic or gravity dampers are installed on all outdoor air intakes and exhausts.			Complies Does Not Not Observable Not Applicable	Requirement will be met.
	1 High Impact (Tier	1) 2 Medium	Impact (Tier 2)	3 Low Impact (T	ier 3)
Project Tit Data filen	ile: 32 Crestwood Road ame:				Report date: 10/23/24 Page 5 of1(
	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
Section # & Req.ID					Requirement will be met.

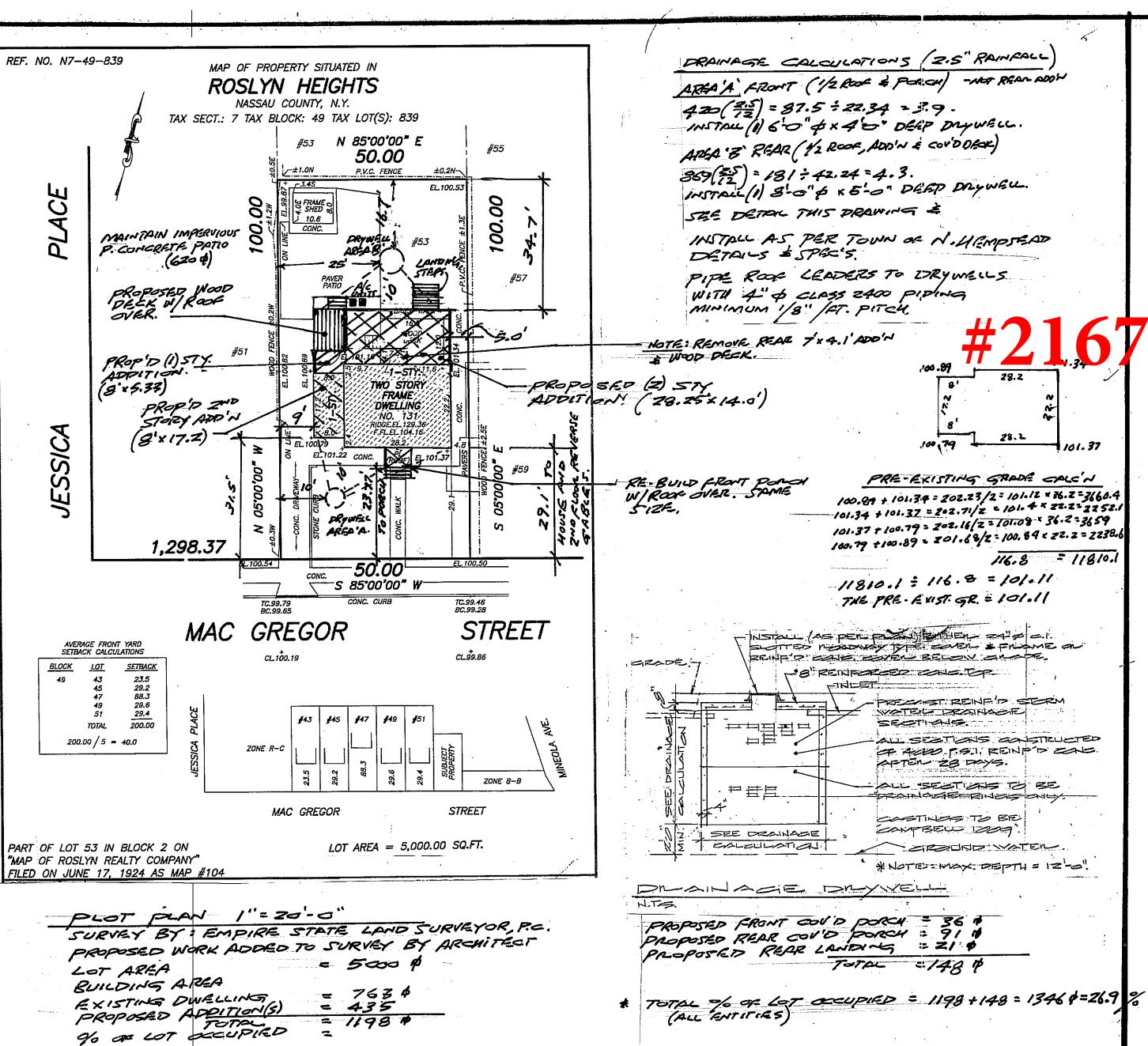
 1 High Impact (Tier 1)
 2 Medium Impact (Tier 2)
 3 Low Impact (Tier 3)

Report date: 10/23/24 Page 10 of10

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A		
·	Table 3.1 Nailing Schedule	
	P11 Joint Description Cammon Nalls Box I: alls Nall Spacing	Table 3.5A Top and Bottom Plate to Stud Lateral Connections Exposure B
	Raiter to Top Plate (Toe-mailed) (see Table 3.4A) (see Table 3.4A) per raiter . Celling Joist to Top Plate (Toe-mailed) (see Table 3.4A) (see Table 3.4A) per raiter .	for Wind Loads (Prescriptive Alternative to Table 3,5)
	Celling Joist to Paraitel Rafter (Face-nolled) (see Table 3.9A) (see Table 3.6A) (see Table	700-yr. Wind Speed 3-sectured gust (mph) 110 125 12C; 13D 140 150 160 170 180 195
:	Diocking to Raiter (Toe-nailed) 2-Bd 2-1Ld each and Rim Board to Naiter (End-nailed) 2-36d 3-31Ed each and Rim Board to Naiter (End-nailed) 2-36d 3-31Ed each and Rim Board to Naiter (End-nailed) Rim	Studi Spacing Wall Height (It) Required Number of 16d Common Nails or 40d Box Nails per Stud to Plate Connection ^{1,2}
	Top Flate to Top Flate (Face-nalled) 2-16d 2-1fil ⁴ per fool Top Flates at intersections (Face-nalled) 4-16d 5-16d Joints - each side Stud to Stud (Face-nalled) 2-16d 2-16d 2-16d	(in:) 16 B 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	Header to Needer (Face-nalled) 16d 16 ⁻ 0.c. along edges Top or Bottom Plate to Stud (End-nalled) (see Table 3.5A) (see Table 3.5A) per stud	
	Bottom Plate to Floor Joist, Bandjoist, Endjoist Z-16d ^{1,2} Z-16d ^{1,2} per loot ar Blocking (Face-nailed) 近日月光台社(法)在法国研究(法法法法法法法法法法法法法法法法法法法法法法法法法法法法法法法法法法法	(Prescriptive Alternative to Table 3.6)
·	Joist to Sill, Top Plate or Girder (Toe-mailed) 4-8d 4-10-3 per Joist Bridging to Joist (Toe-mailed) 2-8d, 2-10-3 each and Blocking to Joist (Toe-mailed) 2-8d 2-2013 each and	Dead Load Assumptions: Roof/Celling Assembly DL = 15 psr
	Blacking to Sill or Top Plate (Toe-polled) 3-166 4-16-1 each block Ledger Strip to Bears (Face-nalled) 3-166 4-16-1 each joist Joist on Ledger to Bears (Toe-nalled) 3-86 3-166 per Joist	B-second gust (mph) 110 115 120 (130) 140 150 160 170 180 193' Rood Pitch Rood Span Number of 8d Common Nalls or 10d Box Nalls in each end of 1-1/4" Strap ^{1,21,4,3,4,7} Number of 8d Common Nalls or 10d Box Nalls in each end of 1-1/4" Strap ^{1,21,4,3,4,7}
	Band Joist to Joist (End-nailed) 3-16d 4-10-1 per joist Band Joist to Sill or Top Plate (Toe-nailed) 2-16d 3-101 per foot X1245(XEX/W/W/W/W/W/W/W/W/W/W/W/W/W/W/W/W/W/W/	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
	Wood Structural Panels Bd 10d [see Toble 3.10] Number of the structural Panels Bd 10d [see Toble 3.10] Number of the structural Panels Bd 10d [see Toble 3.10] Number of the structural Panels Bd 10d [see Toble 3.10] Number of the structural Panels Bd 10d [see Toble 3.10] Structural Panels Bd 10d [see Toble 3.10] Structural Panels Bd 10d [see Toble 3.10] Structural Panels Sd 10d [see Toble 3.10]	
	Gypsum Wallboard 5d coolars 5d coolars 7" edge / 10" field applification of the state of t	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	Structural Fiberboard Panels 1/2" 11 ga. galv. roofing nall - 3" edge / 6" Neld (0.120"x1-1/2"long x 7/16" head)	
	25/32" 11 ga, galv. roo [ing nal] 3" edgo / 6" ileld (0.120"x1-3/4"[inag x 3/8" licent) 5d coolers 7" edge / 10" lield	
	Gypsum Wallboard 5d coolers 5d coolers 7" edge / 10" field President Control (Control (Contro) (Control (Control (Control (Contro) (Control (Cont	36 2 2 3 3 4 5 5 6 7 8 12 1 1 1 1 2 2 2 2 3 3 4 5 5 6 7 8 312 1 1 1 1 2 2 2 2 3 3 4 5 5 6 7 8 3 4 5 5 6 7 8 3 4 5 5 6 7 8 3 4 5 5 6 7 8 3 4 5 5 6 7 8 3 4 5 5 6 7 8 3 3 4 5 5 6 7 8 3 3 4 5 5 6 7 8 3 3 4 5 5 6 7 8 3
	1° or less Bd 10d 6" adge / 12" field greater than 1" 10d 16i 6" edge / 12" field Nalling requirements are based on wall sheathing nailed 6 inches on-center at the panel edge. Alternative nations shall	
	Nailing requirements are based on vall sheat/signalize 5 increation are in participated on a sheat counter at the panel edge to be used where wall sheathing notifies and the state of the	
	When will sheathing is continuous over connected members, the tabulated number of nails shall be permitted to be reduced to 1-16d nail per foot.	Table 3.9A Rafter/Celling Joist Heel Joint Connection Requirements (Prescriptive Alternative to Table 3.9)
	Boltom Plate to Foundation Connections (Anchor Bolts) Resisting Lateral and Shear Loads from Wind (Prescriptive Alternative to Table 3.2) Exposures Band C	Roof Live Load Ground Snow Load
	For Exposures B & C and all Wind Speeds	Roof 5pan (II) 12 24 36 12 24
	Anchor Bolt Diameter (in.) Maximum Anchor Bolt Spacing (in.) ^{1,2,8,4}	Rafter Slope Required Number of 16d Common or 40d Box Nails per Heel Joint Connection ^{1,2,1,4,5} 12 3 5 8 3 5 9 3 5 9 3 5 9 3 5 10
	1/2"	<u>10</u> 4 7 10 4 8 12 6 12 17 8 15 23
	 Prescriptive limits are based on assumptions in Table 3.2. When anchor bolts are used to resist upilit, lateral, and shear loads, the maximum anchor bolt spacing shall not exceed When anchor bolts are used to resist upilit, lateral, and shear loads, the maximum anchor bolt spacing shall not exceed 	<u>4:12</u> <u>1(1)</u> <u>3</u> <u>5</u> <u>8</u> <u>3</u> <u>5</u> <u>9</u> <u>5</u> <u>9</u> <u>13</u> <u>5</u> <u>12</u> <u>17</u>
	the lesser of the tabulated values for uplift loads (Table 3.2C) or lateral and shear loads (Table 3.2B). For other anchor bolt limitations see Section 3.2.1,7 and 3.2.2.3.	<u></u>
:	Table 3.2C Sill or Bottom Plate to Foundation Connections Exposure B (Anchor Bolts) Resisting Uplift Loads from Wind Exposure B	16 3 3 5 3 4 5 3 5 8 4 7 10.
	(Prescriptive Alternative to Table 3.2) 700-yr. Wind Speed 3-second gust (mpls) [110] 115 - 120 (130] 140 150 160 170 180 195 -	12 3 3 3 3 3 3 3 3 3 3 3 4 6 1. <u>9:17</u> 12 3 3 3 3 3 3 3 4 3 4 6 3 5 8 1. <u>12</u> 3 3 3 3 3 3 4 3 4 5 8 1. <u>12</u> 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	Sill or Bottom Plate to Foundation Anchor Plate Foundation Supporting Maximum Anchor Bolt Spacing (in.) ^{1,2}	12/12 16 3 3 3 3 3 3 3 5 3 4 5
	B' End Zones ' 1-3 storler 72 71 57 43 35 30 27 24 22 20 2x4 inter/or Zones inter/or Zones inter/or Zones inter/or Zones	Table 3.10 Roof Sheathing Attachment Requirements for Wind Exposure B Loads
·	Unlift Lesuis	700-yr. Wind Speed 3-second gust (mph) .110 115 120 (130) 140 150 160 170 180 195
	2x6 1-3 storles 72 72 68 51 42 36 32 29 26 73 1,3 storles 72 72 68 51 42 36 32 29 26 73 1,3 storles 72 72 60 49 42 37 34 31 27 100	
	Table A-3.4 Uplift Strap Connection Regulation in the second state of the second state	Raiter/Truss Sheathing Location ¹ Framing Rafter/Truss Sheathing Location ¹ Specific Specific
	(Prescriptive Alternative to Table 3.4) Dead Load Assumptions: Roof/Ceiling Assembly DL = 15 psf	Gravitý, G 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6
	700-yr. Wind Speed 110 115 120' (130) 140 150 170 180 195	0.49 12 6 12 6 12 6 12 6 12 6 12 6 12 6 12 6
	3 - second gust (mph) Framing Spacing (in.) (it.) (it	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
		12 12
		Gobin Endwall Rake or 0.49 5 6 6 6 6 4 4 Roke Truis with up to 1'
		Anke Overheing 0.42 6 6 6 6 6 4 4 3 3
	Table 3.4A Rafter and/or Celling Joist to Top Plate Lateral and Exposure B Shear Connection Reguirements	Table 3.11 Wall Sheathing and Cladding Attachment Exposure B Requirements for Wind Loads Image: Comparison of Cladding Attachment Image: Comparison of Cladding Attachment
	(Prescriptive Alternative to Table 3.4)	700-yr. Wind Speed 3-second gust (mpli) 1110 115 120 13D 140 150 160 170 180 195
	700-yr. Wind Speed 110 115 (120; 130 140 150 160 170 180 195 3-second gust (mph) 110 115 (120; 130 140 150 160 170 180 195	Stud Spacing Image: Stud Spacing
	Wall Number of 8d Common Nails or 10d Bnx Nails (Toenalled) Rafter/Celling Joist Height Spacing (in.)	Sheathing Location (inches, o.c.) Maximum Wa spiring to a common times a 20 statement of the common titex 20 statement of the common times a 20 statement of the common t
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Interfor Zone 16 6 12<
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
ſ	Table 3.4B Shear Walls Resisting Uplift and Shear ¹ Exposure B (Prescriptive Alternative to Table 3.4) (Prescriptive Alternative to Table 3.4) (Prescriptive Alternative to Table 3.4)	Table 3.17D Shear Wall Assembly Allowable Unit Shear Capacities, Maximum Shear Wall Segment Aspect Ratios, and Sheathing Type Adjustments
	700-yr. Wind Speed 3-second gust (mpl)	ASD Unit Shear Maximum Shear Sheathing Type
	Wood Structural Panel Shear Wall Panel Nailing	Exterior Wall Sheathing Requirements Wind Seismic Wind Se
	Requirements Requirements Maximum Roof Span (it) 2, 3 Sheathing Shear Wall Rows of Sail Sail	1/2" Gypsum Wallboard (Unblocked) ¹ , 5d cooler nalls - maximum stud spacing 16" on center 100 100 ¹ 1.5:1 1.5:1 4.36 7.77
	Thickness Nalling Nalls (in)	1/21 Structurg! Flipping 15 for center
ŀ	15/32" plywood with species of	3/8"; 7/16" and 15/32" Wood Strilctural Panels i (Blocked), maximum stud späcing 15" on center (3" Edge späcing :
	plles having cuge sprangene 2 4 36 38 36 30 34 geles having 12" field specing 3 36 36 36 36 36 36 36 36 G≥0.49: 12" field specing 3 36 36 36 36 36 36 36 36	
ļ		TABLE MOULZ MINIMUM BECIFIED COMPRESSIVE STRENGTH OF CONCRETE MINIMUM BECIFIED COMPRESSIVE STRENGTH OF CONCRETE
-	SCHEDULE FOR WOOD STRUCTURAL PANELS	TYPE ON LOOATION OF CONCRETE CONSTRUCTION Vesiliering Polenijal'
	FASTEMEN TYPE Panel 4 lest < 6 lest < Uninhabitable attics with limited storages 1 20 panel apen 5 panel apen 5 feet 5 feet 5 feet 30 feet 3	Basement walls, foundations and other concrete not exposed to the weather 2,500 2,50
	No. 8 wood screw based anchor with 2-inch embedment 16 10 8 Balconies (exterior) and deck!" 40 length 16 IO 8 10 File Escapes	Basement while, foundation while, exterior walls and other vertical concrete 2,500 3,000 ⁴ 3,000 ⁴
	No. 10 wood screw based anchor with 2-lack embedment 16 12 9 Guards and handralls ⁴ 200 ⁴ length	
	1/4-inch log screw based anellor 16 16 Passenger vehicle garages* 50° with 2-inch embednient length 16 16 Rooms other ihms sleeping rooms 10. For St: 1nch = 25.4 mm, 1 fant = 304.8 mm, 1 pound = 4.448 N. 30 30	TABLE R401.4.1 PRESUMPTIVE LOAD-BEARING VALUES OF FOUNDATION MATERIALS
	i mile per hour = 0.417 m/s. a. Tills tuble is bused on 180 uiph utilinanté design wind speeds, V _{ur} , and a 33- fion tener seel befat.	CLASE OF MATERIAL PRESSURE PRESSURE (pounds per squais fact)
	b. Fastement shall be installed all apposing ends of the wood structural panel. Fastement shall be localed not less than 1 Inch from the edge of the panel, e. Anchors shall penetrate through the exterior wall covering with an	Crystulline bedrock 12,000 Sedimentary and foliated rock 4,000
	Finited shows a present of not less than 2 inches into the building frame. Fusteners shall be located not less than 2 ¹ / ₂ inches from the edge of contrate block or concrete. It Panels situathed to massoury or mosonry/stucco shall be stacked using	Sandy gravel and/or gravel (OW and OP) 3,000 Sand, silty sand, clayey sand, silty gravel 4 grand clayey gravel (SW, SP, SM, SC, OM 4,000 1
•	b. Caness esteched to masonry of moson frances and on estective fand vibration-resistant anchors having an utimate withdrawal canecity of and less than 1,500 pounds.	and OC)
;	TABLE R301.7 ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS**	nundy iliteluy (CL, ML, hifi and CH)
	STRUCTURAL MEMOER DEFLECTION Refiers having slopes greater than 3:12 with U180 Inished celling not attached to rafters	TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA
	Interior wells and partitions ///180 . GHOUND SNOW Speed® Topographic Special wind Windborn Floors U360 LOAD® (mph) affects region' debris zon	re DESIGN g ^m CATEGORY' Weathering* Frost line depth* Termite* TEMP* REGUIRED? HAZARDS* INDEX' TEMP'
	Ceilings with brittle finishes (including plaster L/360 ZO 300 Ceilings with flexible finishes (including gypsum L/240 1300 1300 1300 1300 1300 1300 1300 13	SEV. 36" May 15° YES 476 45 MANUAL J DESIGN CRITERIA"
	board) All ather structural members L/240 Elevation Latitude heat	
2	stucco finish Exterior walls-wind loads' with other brittle 11/240 Universe	
	Exterior walls—wind loads' with flexible finistics 11/120 temperature difference velocity heating cho Lineis supporting masoury veneer walls' 1/600	ling wet bulb range humidity humidity
. •		
	and the second	



SECTION R301 DESIGN CRITERIA

R301.1 Application. Buildings and structures, and parts thereof, shall be constructed to safely support all loads, including dead loads, live loads, roof loads, flood loads, show loads, wind loads and seismic loads as prescribed by this code. The construction of buildings and structures in accordance with the provisions of this code shall result in a system that provides a complete load path that meets the requirements for the transfer. of loads from their point of origin through the load-resisting elements to the foundation. Buildings and structures constructed as prescribed by this code are deemed to comply with the requirements of this section. R301.1.1 Alternative provisions. As an alternative to the requirements in Section R301.1, the following standards are permitted subject to the limitations of this code and the limitations therein. Where engineered design is used in conjunction with these standards, the design shall conply with the Building Code of New York State.

1. AWC Wood Frame Construction Manual (WFCM). 2. AISI Standard for Cold-Formed Steel Framing-Prescriptive Method for One- and Two-Family Dwellings (AISI S230).

3. ICC Standard on the Design and Construction of Log Structures (ICC 400).

R301.2.2.2.1 Weights of materials. Average dead loads shall not exceed 15 pounds per square foot (720 Pn) for the combined roof and ceiling assemblies (on a horizontal projection) or 10 pounds per quare foot (480 Pa) for floor assemblies, except as urther limited by Section R301.2.2. Dead loads for walls above grade shall not exceed:

- 1. Fifteen pounds per square foot (720 Pa) for exterior light-frame wood walls. 2. Fourteen pounds per square foot (670 Pa) for
- exterior light-frame cold-formed steel walls. 3. Ten pounds per square foot (480 Pa) for inte-
- for light-frame wood walls 4. Five pounds per square foot (240 Pa) for inte-
- rior light-frame cold-formed steel walls, 5. Eighty pounds per square foot (3830 Pa) for 8-
- inch-thick (203 nm) masonry walls. 6. Eighty-five pounds per square foot (4070 Pa)
- for 6-inch-thick (152 mm) concrete walls. 7. Ten pounds per square foot (480 Pa) for SIP

R302.11 Fireblocking. In combustible construction, fire blocking shall be provided to cut off both vertical and horizontal concealed draft openings and to form an effective fire barrier between stories, and between a top story and the roof

Fireblocking shall be provided in wood-framed construct tion in the following locations:

1. In concealed spaces of stud walls and partitions, including furred spaces and parallel rows of studs or staggered studs, as follows:

I.I. Vertically at the ceiling and floor levels. 1.2. Horizontally at intervals not exceeding 10 feet

- 2. At interconnections between concealed vertical and horizontal spaces such as occur at soffits, drop ceilings and cove ceilings.
- . In concealed spaces between stair stringers at the top and bottom of the run. Enclosed spaces under stairs shall comply with Section R302.7.
- 4. At openings around vents, pipes, ducts, cables and wires at ceiling and floor level, with an approved material to resist the free passage of flame and products of combustion. The material filling this annular space shall not be required to meet the ASTM E 136 require-
- . For the fireblocking of chimneys and fireplaces, see Section R1003.19.

6. Fireblocking of comices of a two-family dwelling is required at the line of dwelling unit separation. R302.11.1 Fireblocking materials. Except as provided in

- Section R302.11, Item 4, fireblocking shall consist of the following materials. 1. Two-Inch (51 mm) nominal lumber.
- 2. Two thicknesses of 1-inch (25.4 mm) nominal lum-. ber with broken lap joints.
- 3. One thickness of ²³/₁₂ inch (18.3 inci) wood struc-tural panels with joints backed by ²³/₁₂ inch (18.3 _num) wood structural panels.
- 4. One thickness of 3/,-irch (19.1 mm) particleboard with joints backed by 3/2-inch (19.1 mm) particle-
- 5. One-half-inch (12.7 mm) gypsum bonrd. . 6. One-quarter-inch (6.4 mm) cement-based millboard.
- 7. Betts or blankets of mineral wool or glass fiber or other approved materials installed in such a manner as to be securely retained in place.
- Cellulose insulation installed as tested in accordance with ASTM E 119 or UL 263, for the specific appli-
- R302.11.1.1 Batis or blankets of mineral or glass fiber: Batts or blankets of mineral or glass fiber or other approved nonrigid materials shall be permitted for compliance with the 10-foot (3048 mm) horizonial fireblocking in walls constructed using parallel rows of studs or staggered studs.
- R302.11.1.2 Unfaced fiberglass. Unfaced fiberglass batt insulation used as fireblocking shall fill the entire cross section of the wall cavity to a height of not less than 16 inches (406 mm) measured vertically. Where piping, conduit or similar obstructions are encountered,
- insulation shall be packed tightly around the. obstruction. R302.11.1.3 Loose-fill insulation material. Loose-fill insulation material shall not be used as a fireblock unless specifically tested in the form and manner intended for use to demonstrate its ability to remain in

place and to retard the spread of fire and hol gases. R302.11.2 Fireblocking integrity. The integrity of fireblocks shall be maintained.

SECTION R303 LIGHT, VENTILATION AND HEATING

R303.1 Habitable rooms. Habitable rooms shall have an R311.7 Stairways. aggregate glazing area of not less than 8 percent of the floor area of such rooms. Natural ventilation shall be through windows, skylights, doors, louvers or other approved openings to the outdoor air. Such openings shall be provided with ready access or shall otherwise be readily controllable by the building occupants. The openable area to the outdoors shall be not ess than 4 percent of the floor area being ventilated.

R303.3 Bathrooms, Bathrooms, water closet compartments and other similar rooms shall be provided with aggregate glazing area in windows of not less than 3 square feet (0.3 m²), one-half of which nivst be openable.

Exception: The glazed areas shall not be required where artificial light and a local exhaust system are provided. The minimum local exhaust rates shall be determined in accordance with Section M1507. Exhaust air from the

space shall be exhausted directly to the outdoors. R303.4 Mechanical ventilation. Where the air infiltration rate of a dwalling unit is 5 air changes per hour or less where tested with a blower door at a pressure of 0.2 incl. w.c (50 Pa) in accordance with Section N1102.4.1.2, the, dwelling unit shall be provided with whole-house mechanical ventilation in accordance with Section M1507.3:

SECTION R310

EMERGENCY ESCAPE AND RESCUE OPENINGS R310.1 Emergency escape and rescue opening required. . Basements; habitable, attics and every sleeping room shall have not less than one operable emergency escape and rescue opening. Where basements contain one or more sleeping rooms, an emergency escripe and rescue opening shall be required in each sleeping room. Emergency escape and rescue openings shall open directly into a public way, or to a yard or court that opens to a public way. R310.2 Emergency escape and rescue openings. Emergency

escope and rescue openings shall have minimum dimensions as specified in this section. R310.2.1 Minimum opening area. Emergency and

escape rescue openings shall have a net clear opening of not less than 5.7 square feet (0.530 m²). The net clear opening dimensions required by this section shall be obtained by the normal operation of the emergency escape and rescue opening from the inside. The net clear height opening shall be not less than 24 inches (610 mm) and the net clear width shall be not less than 20 inches (508 mm). Exception: Grade floor or below grade openings shall

have a net clear opening of not less than 5 square feet (0.465 m²).

R310,2.2 Window sill height. Where a window is provided as the emergency escape and rescue opening, it shall have a sill height of not more than 44 inches (1118 mm). above the floor; where the sill height is below grade, it shall be provided with a window well in accordance with Section 8310.2.3.

R310.2.3 Window wells. The horizontal area of the window well shall be not less than 9 square feet (0.9 m^3) , with a horizontal projection and width of not less than 36 inches (914 min). The area of the window well shall allow the emergency escape and rescue opening to be fully opened.

R311.7.1 Width, Stairways shall be not less than 3 inches (914 mm) in clear width at all points above the permitted handrail height and below the required headroom height. Handrails shall not project more than 41/2 inches

(114 mm) on either side of the stairway and the clear width of the stairway at and below the handrail height, R314.2 Where required. Smoke alarms shall be provided in including treads and landings, shall be not less than 311/2 accordance with this section. inches (787 mm) where a handrail is installed on one side R314.2.1 New construction. Smoke alarms shall be proand 27 inches (698 mm) where handrails are provided on both sides. Exception: The width of spiral stairways shall be in

accordance with Section R311.7.10.1. R311.7.2 Headroom. The headroom in stairways shall be not less than 6 feet 8 inches (2032 mm) measured vertically from the sloped line adjoining the tread nosing or from the floor surface of the landing or platform on that portion of the stairway.

R311.7.5 Stair treads and risers. Stair treads and risers shall meet the requirements of this section. For the purpuses of this section, dimensions and dimensioned surfaces shall be exclusive of carpets, rugs or runners. R311.7.5.1 Risers. The riser height shall be not more -

than 71, inches (196 mm). The riser shall be measured vertically between leading edges of the adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 1, inch (9.5 mm). R311.7.5.2 Treads. The used depth shall be not less than 10 inches (254 mm). The tread depth shall be nicasured horizontally between the vertical planes of the.

foremost projection of adjacent treads and at a right angle to the trend's leading edge. The greatest tread lepth within any flight of stairs shall not exceed the smallest by more than 3/, inch (9.5 mm). R311.7.8 Handreils. Hundrails shall be provided on not ess than one side of each continuous run of treads or flight.

with four or more risers. R311.7.8.1 Height. Handrall height, measured vertically from the sloped plane adjoining the tread nosing; or finish surface of ramp slope, shall be not less than 34inches (864 mm) and not more than 38 inches (965 mm) .-R311.7.8.2 Continuity. Hundrails for stairways shall be continuous for the full length of the flight, from a point directly above the top riser of the flight to a point directly above the lowest riser of the flight. Handrail ends shall be returned or shall terminate in newel post or safety terminals. Handrails adjacent to a wall shall have a space of not less than $1^{1}/_{1}$ inches (38 mm) between the wall and the handrails.

3.4.4.2.2 Periorated Shear Wall Adjustments When perforated shear walls are used, the slicar wall

length requilicments in Tables 3.17A and 3.17C shall be multiplied by the appropriate full-height sheathing length adjustment factors in Table 3, 17E. Combinations of Identically sheathed segmented and perforated walls shall be nemnitted.

and Section R314. and UL 2034.

-dwellings.

Section R314.3.

28.Z

28.2 101.37 PRE-EXISTING GRADE CALC'N 100.27 + 101.34 = 202.23/2= 101.12 = 36.2=3660.4 -101.34 + 101.37 = 202.71/2 = 101, 4 × 22.22 22 52.1

116.8 = 11810.1

- PREZENT REINE'P SERM WATER DRAINAGE ALL SECTIONS GALFTRUCTED OF ALLO FS.I. REINF'D EALS

ALL SECTIONS TO BE CANADO REPAINANCE AND

CAMPBELL 1209 CIROUND WATER

SECTION H314 SMOKE ALARMS R314.1 General. Smoke alarms shall comply with NFPA 72

R314.1.1 Listings. Smoke alarms shall be listed in accordance with UL 217. Combination smoke and carbon monoxide diarms shall be listed in accordance with UL 217

vided in dwalling units.

R314.2.2 Atterntions, repairs and additions. Where alterations, repairs or additions requiring a permit occur, or where one or more sleeping rooms are added or created in existing d vellings, the individual dwelling unit shall be equipped with smoke alarms located as required for new

R314.3 Location. Smoke alarms shall be installed in the following locations: 1. In each sleeping room.

2. Outsile each separate sleeping area in the immediate vicinity of the bedrooms. 3. On each additional story of the dwelling, including basen ents and habitable attics and not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm

installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than i one Full story below the upper level. Smole alarms shall be installed not less than 3 teet -(914 nm) horizontally from the door or opening of a bathroom that contains a bathtub or shower unless this would prevent placement of a smoke alarm required by

_____ SECTION B315 CARBON MONOXIDE ALARMS [NY] R3 5.1 General. Carbon monoxide alarms shall be

provided in accordance with Section 915 of the Fire Code of New York State.

3.4.1.2.3 Hold-downs Hold-downs with a capacity ld accordance with Table 3.17F, divided by the appropriate length a flustment factor in Table 3.17D, are required at the end of each shear wall segment or at each end of a perforated thear wall. Where full height shear wall segments meet at a corner, a single hold-down shall be permitted to be used in resist the overturning forces in both directions. when the corner framing in the adjoining walls is fastened

GENERAL NOTES:

1. THESE DRAWINGS HAVE BEEN PREPARED BY THE UNDERSIGNED & TO THE BEST OF THE UNDERSIGNED'S KNOWLEDGE, BELIEF & PROFESSIONAL JUDGMENT ARE IN COMPLIANCE WITH THE 2020 RESIDENTIAL CODE OF NEW YORK STATE. R301.1.1 DESIGN CRITERIA IN ACCORDANCE WITH THE AMERICAN WOOD COUNCIL WOOD FRAME CONSTRUCTION MANUAL FOR. ONE & TWO FAMILY DWELLINGS (WFCM) 2018 EDITION

2. ARCHITECT HAS NOT BEEN RETAINED FOR SUPERVISION OF PROJECT; OR DESIGN OF ELECTRICAL, HEATING, VENTILATION, AIR CONDITIONING OR PLUMBING WORK. LICENSED CONTRACTORS TO INSTALL WORK IN ACCORDANCE WITH 2020 NYS BUILDING. PLUMBING MECHANICAL AND FUEL GAS CODES

CONCRETE WORK SHALL CONFORM TO THE 2020 RESIDENTIAL CODE OF NYS CHAPTER 4 SECTION R402, R403 AND TABLE R402.2. BEAR FOUNDATION SYSTEM ON UNDISTURBED SOIL, MIN. SOIL BEARING CAPACITY OF 2,000 PSF.. STEP CONCRETE FOOTINGS & FOUNDATION WALLS AS REQUIRED. CONCRETE PROTECTION FOR REINFORCING TO BE AT LEAST 3".

FINISHED GRADE SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING & NOT ONTO NEIGHBORING PROPERTIES. 5. JOISTS, STUDS, BLOCKING & BRACING SHALL BE HEM-FIR #2 OR BETTER, FV=70 PSI, FB=850 PSI, E=1,100,000 PSI.. ALL SAWN BEAMS, HEADERS, POSTS & GIRDERS, 4" NOMINAL, SHALL BE DOUGLAS FIR-LARCH #2, FV=85 PSI, FB=825 PSI, E= 1,400,000 PSI.. PARALLAN DESIGN CRITERIA: FB=2800 PSI, FV=290 PSI, E=2,000,000. MICROLLAMS & PARALLAMS SHALL BE 'TRUS-JOIST MACMILLAN OR EQUAL. **UT TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS & DETAILS.**

6. ALL ROUGH FRAMING MEMBERS SHALL BE FRAMED, ANCHORED & BRACED SO AS TO DEVELOP THE STRENGTH, RIGIDITY & INTEGRITY FOR THE PURPOSE IN WHICH THEY ARE USED. NAILING CONNECTIONS SHALL BE IN ACCORDANCE WITH NAILING SCHEDULE, TABLE 3.1 OF THE WFCM 2018 EDITION.

7. ALL STRUCTURAL STEEL CONNECTIONS SHALL BE 'SIMPSON' AND/OR EQUAL.

8. WOOD IN CONTACT WITH CONCRETE TO BE ACQ TREATED LUMBER. INSTALL TERMITE SHIELD WITH A POLY BARRIER. HOT-DIP GALVANIZED OR STAINLESS STEEL FASTENERS ONLY. 9. INSTALL FIRE BLOCKING AT ALL AREAS REQUIRED AS PER SECTION R302.11 WITH FIREBLOCKING MATERIALS AS SPECIFIED IN SEC

R302.11.1. 10. PROVIDE CRAWLSPACE VENTILATION AS PER CODE R-108.1 & MIN. CRAWLSPACE ACCESS OF 18"X24" AS PER CODE R-408.4. PROVIDE MIN. 18" CLEARANCE UNDER WOOD JOISTS & 12" UNDER WOOD GIRDERS.

11. PROVIDE ATTIC VENTILATION AS PER CODE R806.1 & MIN, ATTIC ACCESS OF 22"X30" AS FER CODE R807.1. CONSTRUCT A LARGER OPENING IF ANY APPLIANCES ARE TO BE INSTALLED IN ATTIC TO ALLOW FOR REMOVAL AS PER MI305.1.2. WEATHERSTRIP AND INSULATE ACCESS DOORS/HATCHES AS PER R402.2.4. MATTICLE EAVE BARLES - N 110 E.E. 3

12. INSTALL SKYLIGHTS AS PER R308.6. 13. VENT ALL FANS DIRECTLY TO THE EXTERIOR.

14. FIREPLACE SHALL HAVE TIGHT FITTING GLASS DOORS & OUTSIDE COMBUSTION AIR AS PER ECCC OF N.Y.S.. ALL DIMENSIONS FOR FIREPLACE FOUNDATION & CHIMNEY ARE APPROXIMATE & SHALL BE COORDINATED WITH THE CONTRACTOR. INSTALL ZERO-CI FARANCI FIREPLACES MEETING ALL MANUFACTURERS SPECIFICATIONS. FACTORY, BUILT FIREPLACES SHALL TESTED IN ACCORDANCE WITH UL127 & SECTIONS R1004, R1005 & R1006.

15. WINDOWS TO BE MANUFACTURED BY 'ANDERSEN' - 400 SERIES; TYPE & SIZE AS NOTED ON FLOOR PLANS. 16 INSTALL BRIDGING BETWEEN JOISTS, MAX. 7'-0" O.C.

17. WALL SURROUNDING ALL TUBS & SHOWERS SHALL BE COVERED WITH 14" WATER RESISTANT GYPSUM WALL BOARD. 18. ALL GLAZING SUBJECT TO HUMAN IMPACT SHALL BE SAFETY GLAZING. THIS INCLUDES BUT IS NOT LIMITED TO GLAZING IN

DOORS, GLAZING WITHIN 24" OF DOORS & GLAZING WITHIN 18" OF FINISHED FLOORS. SEE SECTION B308.

9. INSTALL SINGLE STATION SMOKE DETECTING ALARM SYSTEM & CARBON MONOXIDE DETECTORS IN ACCORDANCE WITH ALI STATE & LOCAL CODES. SEE SECTION R314 & R315. SMOKE DETECTORS SHALL BE INSTALLED OUTSIDE EACH SLEEPING AREA, IN EACH BEDROOM & AT EACH FLOOR LEVEL INCLUDING BASEMENT. HARDWIRE ENTIRE SYSTEM WITH BATTERY BACK-UP, SMOKE ALARMS AND HEAT DETECTION SHALL COMPLY WITH NFPA 72. CARBON MONOXIDE ALARMS SHALL MEET SEC. 915 OF THE 2020 FIRE

20. RAILING HEIGHT (AS PER R312) AT BALCONIES, DECKS, PORCHES AND/OR LANDINGS TO BE A MINIMUM OF 36". OPENING LIMITATIONS (R312.1.3) SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A C DIAMETER SPHERE. 21. DOUBLE ALL JOISTS BELOW PARALLEL PARTITIONS.

22. INSTALL A 3/4 HOUR FIRE RESISTANCE RATING SEPARATION BETWEEN RESIDENCE & GARAGE (GARAGE SIDE) AS PER SECTION R302.6. INSTALL 5/8" TYPE X GYPSUM WALLBOARD TO CEILINGS & WALLS. DOOR BETWEEN GARAGE & RESIDENCE SHALL BE SELF CLOSING, TIGHT FITTING & WITH A FIRE PROTECTION RATING OF % HOUR RATING.

23. STAIR SHALL BE MIN. 36" WIDE WITH MAX. 8" RISER & MIN. 9" TREAD. HANDRAIL TO BE 34"-38" ABOVE NOSING. ENCLOSED USABLE SPACE UNDER STAIR TO BE ONE-HOUR CONSTRUCTION (5/8" TYPE X GYP. BD. OVER FRAMING). MIN. HEADROOM AT ALL STAIR AREAS SHALL BE 6'-8". SECTION R311.7.. MAXIMUM RISER 8 1/4".

24. PATCH & REPAIR ALL EXISTING WORK TO REMAIN & AS REQUIRED BY NEW CONSTRUCTION MATCHING ALL MATERIALS & CONDITIONS.

25. SLEEPING ROOMS & OTHER HABITABLE SPACES SHALL BE PROVIDED WITH EGRESS WINDOWS & DOORS AS PER SECTION R310. 26. WHERE CEILING JOISTS ARE PERPENDICULAR TO RAFTERS PROVIDE METAL STRAP TIES @ 48" O.C. ACROSS 3 JOIST SPACES & SOLID

BLOCKING. 27. ALL DECK LUMBER SHALL BE ACQ TREATED LUMBER & SECURING NAILS, SCREWS, BOLTS & OTHER HARDWARE TO HOT-DIPPED GALVANIZED OR STAINLESS STEEL.

28. INSTALL ALL NECESSARY FLASHING AS REQUIRED FOR WEATHER PROTECTION & AS SPECIFIED IN ALL PERTAINING SECTIONS OF THE CODE.

29: INSTALL 5/8" TYPE X GYPSUM BOARD TO CEILING AT BOILER AREA.

30. INSTALL WATERPROOFING TO FOUNDATION SYSTEM AS PER SECTIONR406.

31. ALL WORK DURING CONSTRUCTION WHETHER EXISTING &/OR PROPOSED, SHALL BE BRACED & SECURED BY CONTRACTOR TO PREVENT DAMAGE OR COLLAPSE TO SAID STRUCTURE.

CONTRACTOR SHALL CHECK & VERIFY ALL DIMENSIONS & CONDITIONS AT THE JOB SITE. THE OWNER &/OR BUILDER ARE RESPONSIBLE FOR VERIFYING ALL SITE & SOIL CONDITIONS ABOVE & BELOW PRIOR TO ALL CONSTRUCTION. ARCHITECT RECOMMENDS THAT BUILDING, STRUCTURE DECKS, PORCHES, ADDITIONS & POOL LOCATIONS BE VERIFIED BY A

LICENSED SURVEYOR FOR PROPER SETBACK REQUIREMENTS BEFORE PROCEEDING WITH CONSTRUCTION. ARCHITECT RECOMMENDS THAT ALL HVAC & PLUMBING RUNS BE VERIFIED BY SUPPLIER & INSTALLER BEFORE BEGINNING CONSTRUCTION TO INSURE THAT THE STRUCTURAL INTEGRITY OF ALL FRAMING MEMBERS ARE NOT COMPROMISED.

VERIFY ALL DIMENSIONS - ALL WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DRAWINGS.

NO PART OF THESE ARCHITECTURAL DRAWINGS SHALL BE REPRODUCED OR ALTERED WITHOUT WRITTEN PERMISSION BY RAY DONER, ARCHITECT. THESE DRAWINGS & DOCUMENTS WITH THE UNDERLYING OWNERS NAME & ADDRESS ACT AS A LEGAL & BINDING CONTRACT BETWEEN THE OWNER & ARCHITECT. UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THESE DRAWINGS & DOCUMENTS IS A VIOLATION OF THE NYS EDUCATION LAW. COPIES OF THESE DOCUMENTS NOT BEARING THE ARCHITECTS ORIGINAL SEAL AND SIGNATURE SHALL NOT BE USED IN ANY WAY.

ALL BUILDINGS WITHIN ONE MILE FROM THE OCEAN, BAY OR SOUND ARE IN THE WIND-BORNE DEBRIS REGION REQUIRING THE GLAZED OPENINGS ON THE STRUCTURE TO BE PROTECTED WITH GLASS MEETING THE LARGE MISSILE TEST CERTIFICATION OR STRUCTURAL SHUTTERS WITH ATTACHED HARDWARE AS PER CODE, OR CONSTRUCT 1/2" PLYWOOD PANELS TO PROTECT WINDOWS AGAINST WIND FORCES AS PER CODE R301.2.1.2. SECURE PANELS TO RESIDENCE WITH FASTENERS AS PER SCHEDULE TABLE R301.2.1.2. OWNER TO MAINTAIN PANELS ON-SITE.

THESE DRAWINGS ARE IN **COMPLIANCE WITH:** 2020 NYS BUILDING CODE

- 2020 NYS RESIDENTIAL CODE
- 2020 NYS EXISTING BUILDING CODE
- 2020 NYS ENERGY CONSERVATION CODE • 2020 NYS FIRE CODE
- 2020 NYS PLUMBING CODE
- 2020 NYS MECHANICAL CODE
- 2020 NYS FUEL GAS CODE

- 2020 NYS PROPERTY MAINTENANCE CODE 2018 WFCM & COMMENTARY
- 2017 NFPA 70 : NATIONAL ELECTRIC CODE (NEC)

* MAINITAIN FINISUED CELLAR W/(3) PIECE BATHROM. & REAR IMPERVIOUS CONC. PATIO. ADDITION & ALTERATION TO RESIDENCE SE

> **RAY DONER, ARCHITECT** ARCHITECTURAL DESIGN INTERIOR DESIGN PLANNING & DEVELOPMENT RESIDENTIAL - COMMERCIAL - INDUSTRIAL 95 RICHMOND AVENUE S. AMITYVILLE, NEW YORK 11701

DATE: 10/21/24 REVISIONS: 11/12/24 (631)691-1718 FAX (631)691-1718 EMAIL: RDARCHITECT@YAHOO.COM

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BUILDING

131 MAC GREGOR STREET ROSLYN HEIGHT

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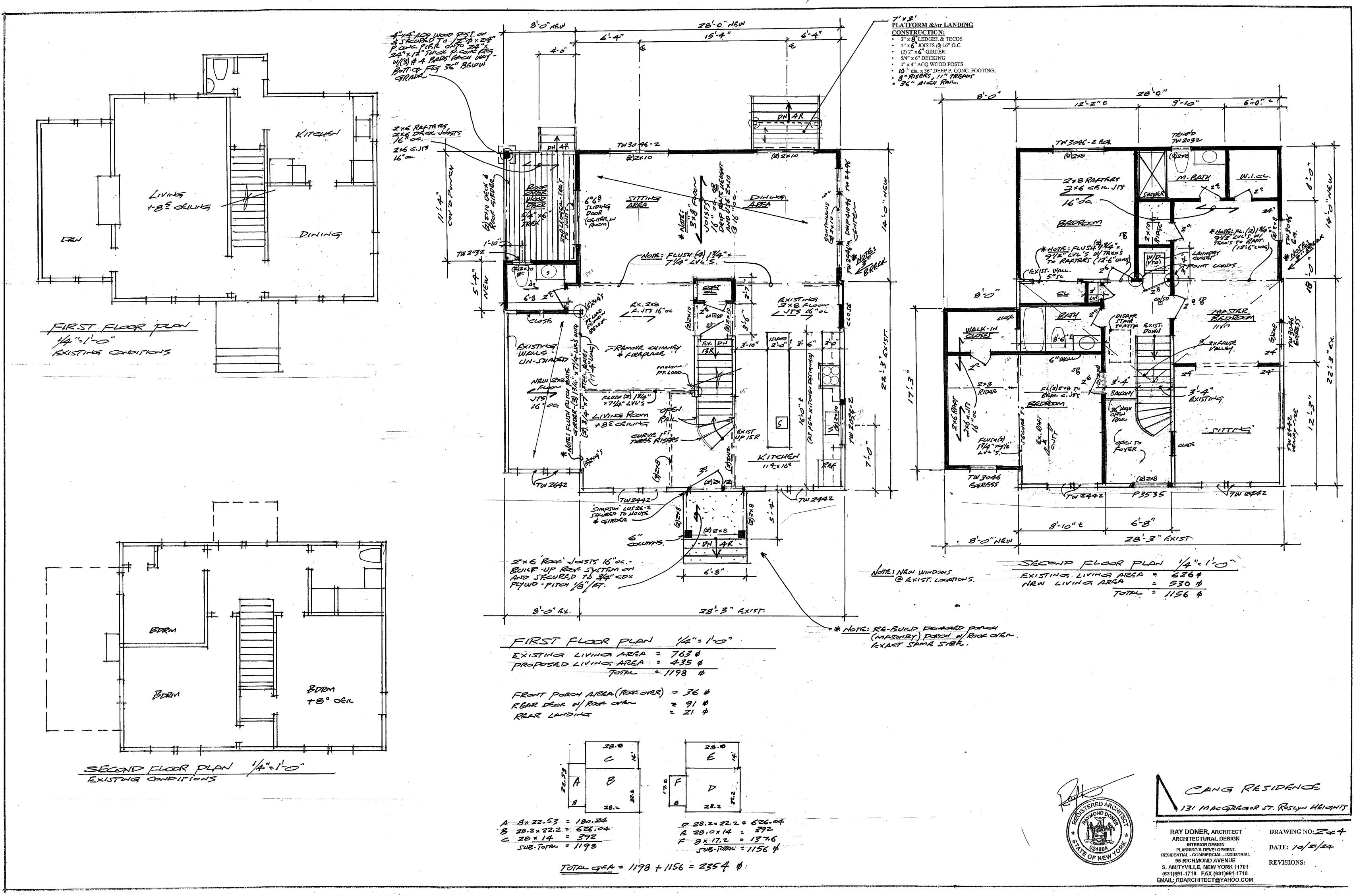
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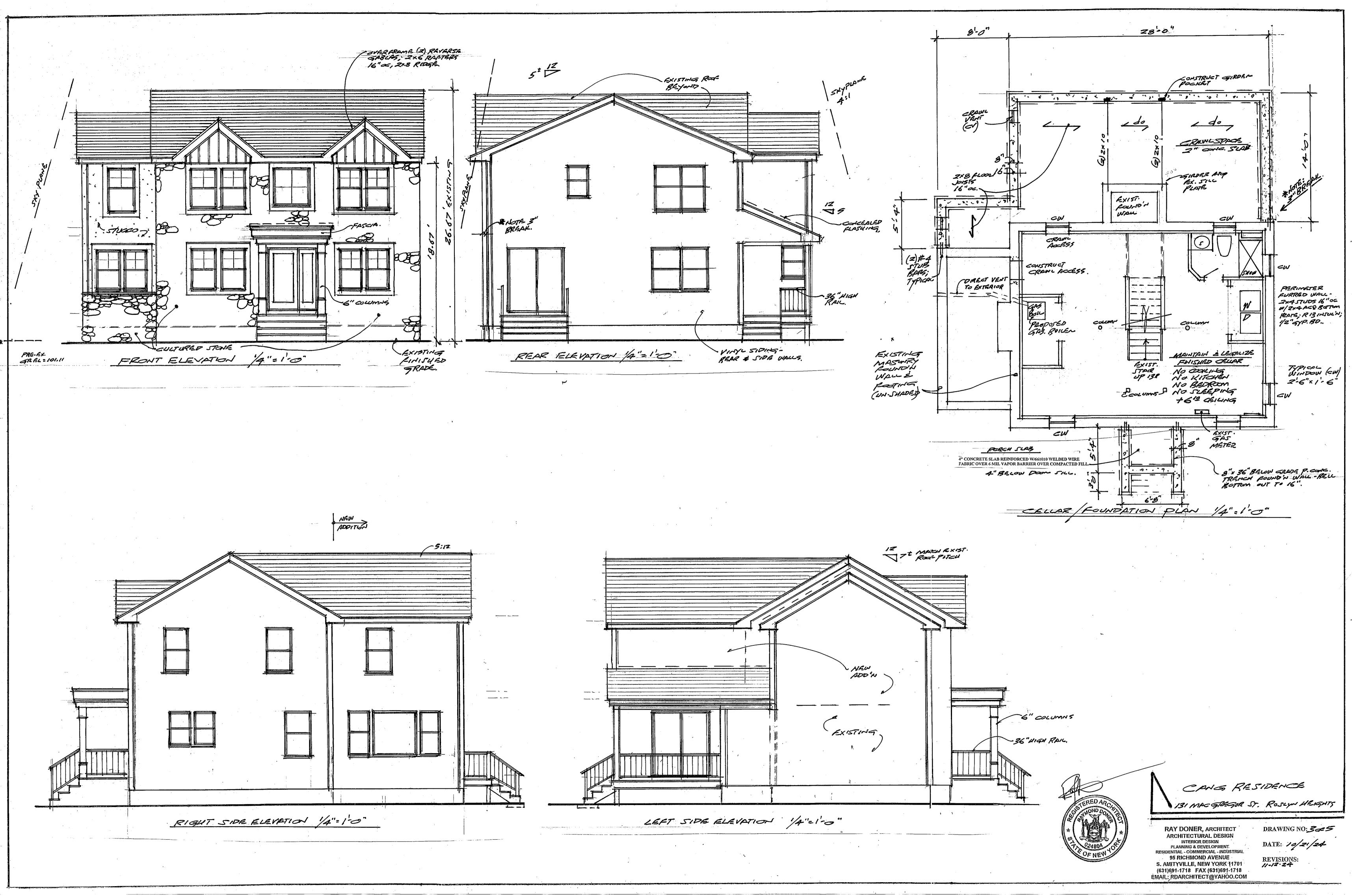
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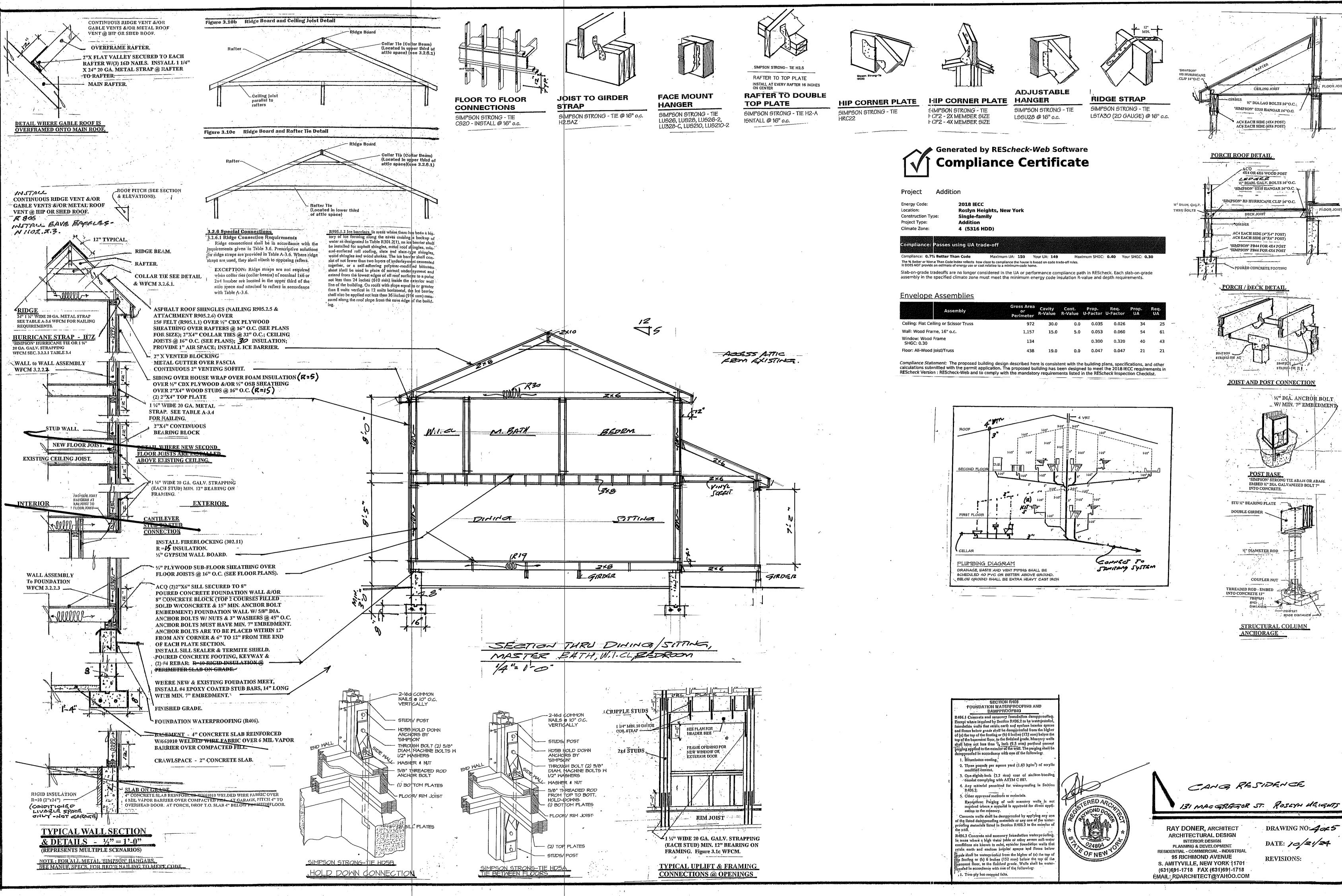
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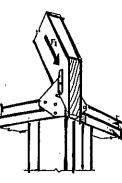
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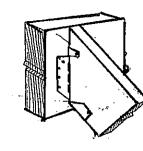
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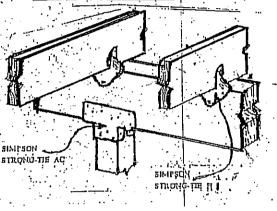


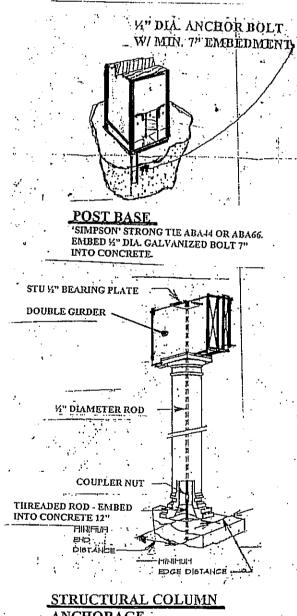






Assembly	Gross Area or Perimeter	Cavity R-Value			Req. U-Factor	Prop. UA	Req. UA	
or Scissor Truss	972	30.0	0.0	0.035	0.026	34	25	,
16" o.c.	1,157	15.0	5.0	0.053	0.060	54	61	
ne	134			0.300	0.320	40	43	
t/Truss	438	19.0	0.0	0.047	0.047	21	21	





R402.2.3 Enve indie: For hir-perincable insulations in vented attics, a baffle shall be installed adjacent to soffit and cave vente. Ballies shall maintain an opening equal or greater than the size of the vent. The ballie shall extend over the top of the attic insulation. The baffle shall be permitted to be any solid material.

R402.2.4 Access intches and doors. Access doors from conditioned spaces to unconditioned spaces such as attics and crowl spaces shall be weatherstripped and insulated to a level equivalent to the insulation on the surrounding surfaces. Access that prevents damaging or compressing the insulation shall be provided to all equipment. When loose-fill insulation is installed, a wood-framed or equivalent baffle or retainer shall be installed to prevent the loose-fill insulation from spilling into the living space when the attic access is opened. The baffle or retainer shall rovide a permanent means of maintaining the installed R-

value of the loose-fill insulation. R402.4 Air lenkage (Mundatory). The building thermal melope shall be constructed to limit air leakage in accordance with the requirements of Sections R402.4.1 through R402.4.1 Building thermal envelope. The building ther-

inal envelope shall comply with Sections R402.4.1.1 and , R402.4.1.2. The scaling methods between dissimilar materials shall allow for differential expansion and contraction. R402.4.1.1 Installation. The components of the building thermal envelope as indicated in Table R402.4.1.1 shall be installed in accordance with the manufacturer's uctions and the criteria indicated in Table R402.4.1:1; as applicable to the method of construcon. Where required by the building official, and approved third party shall inspect all components and cilly compliance: INYI R402.4.1.2 Testing: The building or dwelling mit shall be lested and verified as having an air leakage rate not exceeding three air changes per hour. Testing shall be conducted in accordance with RESNET/ICC 380, ASTM B779 of ASTM EIB27 and reponed ara

pressure of 0.2 inch w.g. (50 Pascals). Testing shall be performed at any time after creation of all penetrations it the building thermal envelope. During testing: 1. Exterior windows and doors, fireplace and stove foors shall be closed, but not scaled, beyond the

Intended weatherstripping or other infiltration control measures 2. Dampers including exhaust, intake, makeup alr backdraft and flue dampers shall be closed, but not scaled beyond intended infiltration control neasures. 3. Interior doors, where installed at the time of the

test, shall be open. 4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and senied、海豚県、碧檀大山市高市市。 . Heating bud cooling systems, where installed at the time of the test, shall be furned off. 6. Supply and return registers, where installed at the time of the lest, shall be fully open.

3402.4.2 Fireplaces. New wood-burning fireplaces simil have tight-fitting flue dampers or doors, and outdoor comhustion nir. Where using tight-fitting doors on factory-built fireplaces listed and labeled in accordance with UL 27, the doors shall be tested and listed for the fireplace. R402.4.3 Fenesiration air leakage. Windows, skylights and sliding glass doors shall have an hir infiltration rate of not greater than 0.3 cfin per square foot (1.5 L/s/m²), and for swinging doors; not greater than 0.5 cfm per square foot (2.6 L/s/m³); when tested in necordance with NFRC 400 or AAMA/WDMA/CSA 101/J.S.2/A440 by an accredited, independent laboratory and listed and labeled

ho the manufacturer. R402.4.4 Rooms containing fuel-burning appliances. In Stimate Zones 3 through 8, where open combustion air ilucis provide combustion air to open combustion fuel --- burning appliances, the appliances jud combustion air opening shall be located outside the building thermal envelope or enclosed in a room that is isolated from inside the thermal envelope. Such rooms shall be scaled and insulated in accordance with the envelope requirements of Table R402.1.2, where the walls, floors and ceilings shall meet not less than the basement wall R-value requirement. The door into the room shall be fully gasketed and any water lines and ducts in the room insulated in accordance, with Section R403. The combustion air duct shall be insulated where it passes through conditioned space to an Rvalue of not less than R-B.

> Exceptions: 1. Direct vent appliances with both intake and exhaust pipes installed continuous to the outside. 2. Fireplaces and stoves complying with Section R402.4.2 and Section R1006 of the Residential

Code of New York State. R402.4.5 Recessed lighting. Recessed luminnires installed In the building thermal envelope shall be sealed to limit air leakage between conditioned and unconditioned spaces. intree shall be IC-rated and labeled as have an sir leakage rate of not greater than 2.0 cfm (0.944 L/s) when tested in accordance with ASTM E2B3 at a pressure differential of 1.57 psf (75 Pa). Recessed luminaires shall be sealed with a gasket or caulked between the housing and

the interior wall or celling covering. R402.5 Maximum fenestration U-Inctor and SHGC (Man-R102.5 Maximum renestration G-incor and effort (main datory). The area-weighted average infiximum fenestration U-factor permitted using tradeoffs from Section R102.1.5 or R405 shall be 0.48 in Climate Zones 4 and 5 and 0.40 in Clinate Zones 6 through 8 for vertical fenestration, and 0.75 in . mate zones o unrough a for vertical jenestration, and 0.75 m. Climate Zones 4 through 8 for skylights. The area-weighted average maximum fenestration SHGC pérmitted using tradeoffs from Section R405 in Climate Zones 1 through 3 shall be 0.50

··· ــــ منصبه از نو SECTION R403 SYSTEMS

R403.1 Controls (Mandatory). Not less than one thermostat shall be provided for each separate heating and cooling sys-

R403.1.1 Programmable thermostat. The thermostat controlling the primary heating or cooling system of the divelling unit shall be capable of controlling the heating and cooling system on a daily schedule to maintain different temperature setpoints at different times of the day. This thermostat shall include the capability to set back or temporarily operate the system to mnintain zone tempera-tures of not less than 55°F (13°C) to not greater than 85°F (29°C). The thermostal shall be programmed initially by the manufacturer with a heating temperature setpoint of not greater than 70°F (21°C) and a cooling temperature etpoint of not less than 78°F (26°C).

R403.3 Ducts. Ducts and air landlers sliall be installed in accordance with Sections R403.3.1 through R403.3.7. R403.3.1 Insulation (Prescriptive). Supply and return ducts in attics shall be insulated to an R-value of not less then R-B for ducts 3 inches (76 mm) in diameter and larger and not less than R-6 for ducts smaller than 3 inches (76 mm) in diameter. Supply and return ducts in other portions of the *building* shall be insulated to not less than R-6 for ducts 3 inches (76 mm) in diameter and not less than R-4.2 for ducts smaller than 3 inches (76 nun) in diameter.

Exception: Ducts or portions thereof located completely inside the building thermal envelope. INY] R403.3.2 Sealing (Mandatory). Ducts, sir handlers and filter boxes shall be scaled. Joints and scams shall comply with either the Mechanical Code of New York State or Residential Code of New York State, or the New York City Construction Code, as applicable.

Exceptions: 1. Air-impermeable spray foam products shall be permitted to be applied without additional joint

2. For ducts having a static pressure classification of less than 2 inches of water column (500 Pa), additional closure systems shall not be required for continuously welded joints and seams, and locking-type joints and seams of other than the nan-lock and button-lock types,

R403.3.2.1 Senled oir hundler. Air hundlers shall have a manufacturer's designation for an air leakage of not greater than 2 percent of the design airflow rate when ested in accordance with ASHRAE 193. R403.3.3 Duct insting (Mandalory). Ducis shall be pressure tested to determine air leakage by one of the follow-

ing methods: 1. Rough-in test: Total leakage shall be measured with n pressure differential of 0.1 inch w.g. (25 Pa) across the system, including the manufacturer's air handler enclosure if installed at the time of the test, Registers shall be taped or otherwise sealed during the test.

2. Postconstruction test: Total leakage shall be measured with a pressure differential of 0.1 inch w.g. (25 Pa) across the entire system, including the manufacturer's nir handler enclosure. Registers shall be taped or otherwise scaled during the test.

R403.4 Mechanical system piping insulation (Manda tory). Mechanical system piping capable of carrying fluids greater than 105°F (41°C) or less than 55°F (13°C) shall be nsulated to an *R*-value of not less than R-3, R403.4.1 Protection of piping insulation. Piping insula

tion exposed to weather shall be protected from damage including that caused by spatight, moisture, equipment maintenance and wind. The protection shall provide shielding from solar radiation that can cause degradation of the material. Adhesive tape shall be prohibited. R403.5 Service hot water systems, Energy conservation measures for service hot water systems shall be in accordance with Pacifors P 103.5.1 through R403.5.4.

SEALÁNT CATINUOUS BEAL OF SEALNIT CONTRATIONS MINING EXPANDING FORMA - YANDOW UNAT AS AIR BARRIER CONTRACTOR XPNIDING FONIA WINDOW PERMIETER - CONTINUOUS DEAD OF SEALANT CONTINUOUS BEA — CONTINUOUS DE/ OF SEALNHT CONTINUOUS BEAD OF SEALAN CONTINUOUS BÉAN AIR SEALING AT ATTIC PULL DOWN ATTIC S ADITESIVE NUMBER OF A CONTRACTORS BEAM OF SEALANT OF SEALNIT ' CONTRIBUTIOUS SKI SPALER : FULL WIDTH OF MUDSI ROOF SKYLIGHT-FOURIDATION WALLAS AIR BÁRRIER - COLICRETE SLADAS CONTRACTOR BEAU NR BARRIER OF SEALNIT ONCEPTUALAIR SEALING STRATEOY/IL UPPER WALL SECTION TONCEPTUAL ART SEALING ST OWER WALL SECTION CONTRACTORS BEAU OF SEALAH - PREFABILITEELLACE UNIT $\Delta \Delta \Delta \Delta \Delta$ VISIN AND EXTERIOR 510D YALL - RISTALL REFERENCE SHEARING TRIOR TO DESIALLATION PREFARE FREELACE UNI **WARFACIUMED HIP** HISEÅLL SCHUDDLOCKARD PROFILEATTIC FXTWIDNIG FOW (SEALAN VENILAHONDATE ANOUND FERRETER OF DLOCKING · EACH DAY **FULL WIDTIN** CIMITY INSULATION ----- rolinatolis BIAD OF SEALANT CAMEY INSULATEX I TEGED MISUL/ HON SOTTI CLOSUCE UNIN-PROFILE AT TIC EAVE BAFFLE AND VENT AIR SEALING AT CANTILEVERED MANUFACTURED ATTIC TRUSS 7 FURNINGPIPE IOP.PLATE .---EXPANDINGFORM SENIAIT -YALL SILD LEXPANDING FOAM SEALANT AT PERIMETER - CONTINUOUS DEAD OF SEALANT

 $\rightarrow \prime \prime \downarrow$

- COMMINUOUS BEAD

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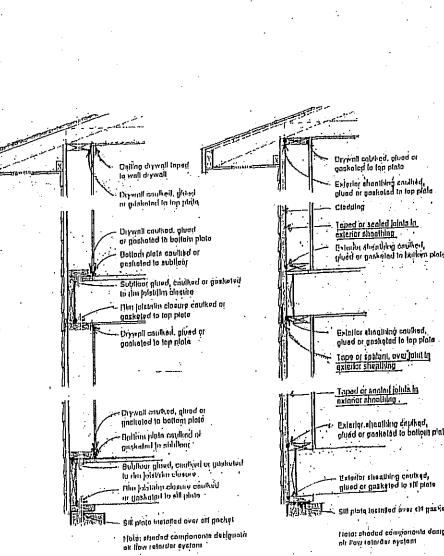
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AIR SEALING AT RECESSED LIGHTING IN ATTIC GreenBuildingAdvisor.com

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Envelope Air Sealing Source Building Science Corporatio

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AIR SEALING - DUCTWORK JOIN Duct Masile UL 181 Poll Tape Of Centilevered Floor

- ATTIC INSULATION

- RIGID INSULATION, "R-VALUE/DEPTH PER CLIMATE":

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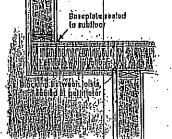
AIR SEAL AT TOP PLATE PIPE PENETRATION

AIR SEALING AT SKYLIGHT SHAFT

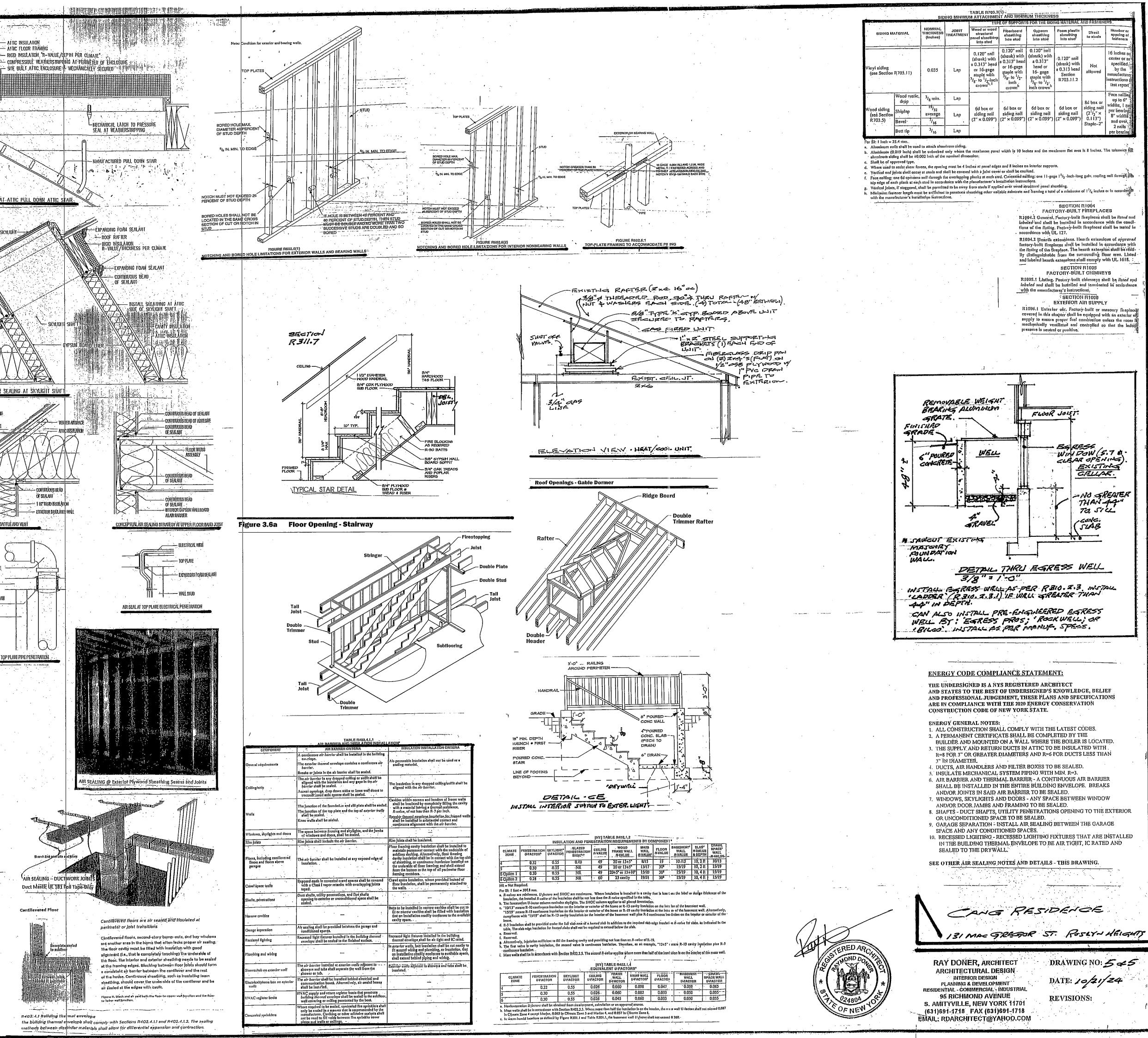
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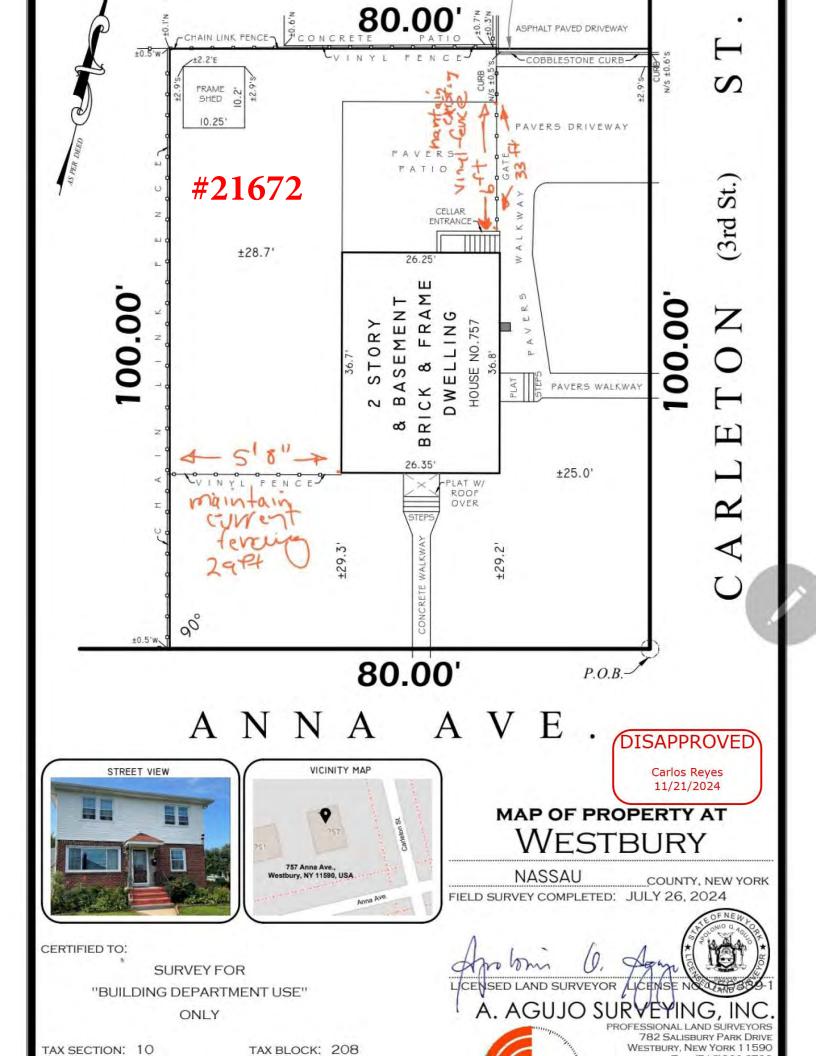
----- ATTIC FLOOR FRAMING

XXX



R402.4.1 Building the mal envelope





			WIND DESIGN	4	SEISMIC	SUBJECT T	O DAMAGE FRC	M	WINTER	ICE BARRIER		AIR	MEAN
GROUND SNOW LOADo	Speedd (mph)	Topographic effectsk	Special wind regionl	Windborne debris zonem	DESIGN CATEGORYf	Weatheringa	Frost line depthb Ter	nitec	DESIGN TEMPe	UNDERLAYMENT REQUIREDh	FLOOD HAZARDSg	FREEZING	ANNUAL TEMPj
20	130	NO	NO	1 mile from the coast	В	SEVERE	36"	HEAVY	15°	YES	Insert flood zone or N/A	452	52.7°
	-		(MANUAL J D	DESIGN CRITERIA		×					1
Elevat	ion	Lat	itude	Winter heating	Summer	cooling	Altitu correction		Indoor design temp.	Design temperature o	cooling	Heati temperat differer	ture
98	ft.		40°	15°		85°		1	70	75°		55	;°
Cooling difference		temperature	Wind velocity	y heating	Wind velocity cooling	Coincident we	t bulb	Daily	range	Winter humid	ity	Sumn Humid	
	15°		15 N	MPH	7.5 MPH	72	o	Med	lium	45-55%	(32 GR@50	%RH

For SI: 1 pound per square foot = 0.0479 kPa, 1 mile per hour = 0.447 m/s.

a. Where weathering requires a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code, the frost line depth strength required for weathering shall govern. The weathering column shall be filled in with the weathering index, "negligible," "moderate" or "severe" for concrete as determined from Figure R301.2(4). The grade of masonry units shall be determined from

ASTM C34, C55, C62, C73, C90, C129, C145, C216 or C652. b. Where the frost line depth requires deeper footings than indicated in Figure R403.1(1), the frost line depth strength required for weathering shall govern. The jurisdiction shall fill in the frost line depth column

with the minimum depth of footing below finish grade. c. The jurisdiction shall fill in this part of the table to indicate the need for protection depending on whether there has been a history of local subterranean termite damage.

d. The jurisdiction shall fill in this part of the table with the wind speed from the basic wind speed map [Figure R301.2(5)A]. Wind exposure category shall be determined on a site-specific basis in accordance with Section R301.2.1.4.

e. The outdoor design dry-bulb temperature shall be selected from the columns of 971/2-percent values for winter from Appendix D of the Plumbing Code of New York State. Deviations from the Appendix D temperatures shall be permitted to reflect local climates or local weather experience as determined by the building official. [Also see Figure R301.2(1).]

f. The jurisdiction shall fill in this part of the table with the seismic design category determined from Section R301.2.2.1.

g. [NY] To establish flood hazard areas, each community regulated under Title 19, Part 1203 of the Official Compilation of Codes, Rules and Regulations of the State of New York (NYCRR) shall adopt a flood hazard map and supporting data. The flood hazard map shall include, at a minimum, special flood hazard areas as identified by the Federal Emergency Management Agency in the Flood Insurance Study for the community, as amended or revised with:

i. The accompanying Flood Insurance Rate Map (FIRM),

ii. Flood Boundary and Floodway Map (FBFM), and iii. Related supporting data along with any revisions thereto.

The adopted flood hazard map and supporting data are hereby adopted by reference and declared to be part of this section. In accordance with Sections R905.1.2, R905.4.3.1, R905.5.3.1, R905.6.3.1, R905.7.3.1 and R905.8.3.1, where there has been a history of local damage from the effects of ice damming, the jurisdiction shall

. The jurisdiction shall fill in this part of the table with the 100-year return period air freezing index (BF-days) from Figure R403.3(2) or from the 100-year (99 percent) value on the National Climatic Data Center

The jurisdiction shall fill in this part of the table with the mean annual temperature from the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°F)." In accordance with Section R301.2.1.5, where there is local historical data documenting structural damage to buildings due to topographic wind speed-up effects, the jurisdiction shall fill in this part of the

I. In accordance with Figure R301.2(5)A, where there is local historical data documenting unusual wind conditions, the jurisdiction shall fill in this part of the table with "YES" and identify any specific requirements. m. In accordance with Section R301.2.1.2 the jurisdiction shall indicate the wind-borne debris wind zone(s). Otherwise, the jurisdiction shall indicate "NO" in this part of the table.

n. The jurisdiction shall fill in these sections of the table to establish the design criteria using Table 1a or 1b from ACCA Manual J or established criteria determined by the jurisdiction. o, [NY] The ground snow loads to be used in determining the design snow loads for roofs are given in Figure R301.2(6) for sites at elevations up to 1,000 feet. Sites at elevations above 1,000 feet shall have their

R301.7 Deflection

R301.5 Live Load The minimum uniformly distributed live load shall be as provided in Table R301.5. **TABLE R301.5** MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS (in pounds per square foot) USE LIVE LOAD UNINHABITABLE ATTICS 10 psf WITHOUT STORAGE UNINHABITABLE ATTICS WITH 20 psf LIMITED STORAGE HABITABLE ATTICS AND ATTICS 30 psf SERVED WITH FIXED STAIRS 40 psf EXT. BALCONIES AND DECKS 40 psf FIRE ESCAPES GUARDRAILS AND 200 psf HANDRAILS **GUARDRAILS INFILL** 50 psf COMPONENTS PASSENGER VEHICLE 50 psf GARAGES ROOMS OTHER THAN 40 psf SLEEPING ROOMS SLEEPING ROOMS 30 psf 40 psf STAIRS ROOF LOADING (LIVE = 20 psf GROUND SNOW LOAD)

TRUCTURAL MEMBER	ALLOWABLE DEFLECTION
AFTERS HAVING SLOPES GREATER	
AN 3/12 WITH NO FINISHED CEILING	L/180
FACHED TO RAFTERS	
ERIOR WALLS AND PARTITIONS	H/180
DORS	L/360
LINGS WITH BRITTLE FINISHES CLUDING PLASTER AND STUCCO)	L/360
INGS WITH FLEXIBLE FINISHES LUDING GYPSUM BOARD)	L/240
OTHER STRUCTURAL MEMBERS	L/240
RIOR WALLS - WIND LOADS WITH TER OR STUCCO FINISH	H/360
ERIOR WALLS - WIND LOADS WITH HER BRITTLE FINISHES	H/240
ERIOR WALLS - WIND LOADS WITH XIBLE FINISHES	H/120
ELS SUPPORTING MASONRY VENEER	L/600

NOTE: L = SPAN LENGTH H = SPAN HEIGHT

a. For the purpose of the determining deflection limits herein, the wind load shall be permitted to be taken as 0.7 times the component and cladding (ASD) loads obtained from Table R301.2(2).

b. For cantilever members, L shall be taken as twice the length of the cantilever.
c. For aluminum structural members or panels used in roofs or walls of sunroom additions or patio covers, not supporting edge of glass or sandwich panels, the total load deflection shall not exceed L/60. For continuous aluminum structural members supporting edge of glass, the total load deflection shall not exceed L/175 for each glass lite or L/60 for the entire length of the member, whichever is more stringent. For sandwich panels used in roofs or walls of sunroom additions or patio covers, the total load

deflection shall not exceed L/120.
d. Deflection for exterior walls with interior gypsum board finish shall be limited to an allowable deflection of H/180.
e. Refer to Section R703.8.2.

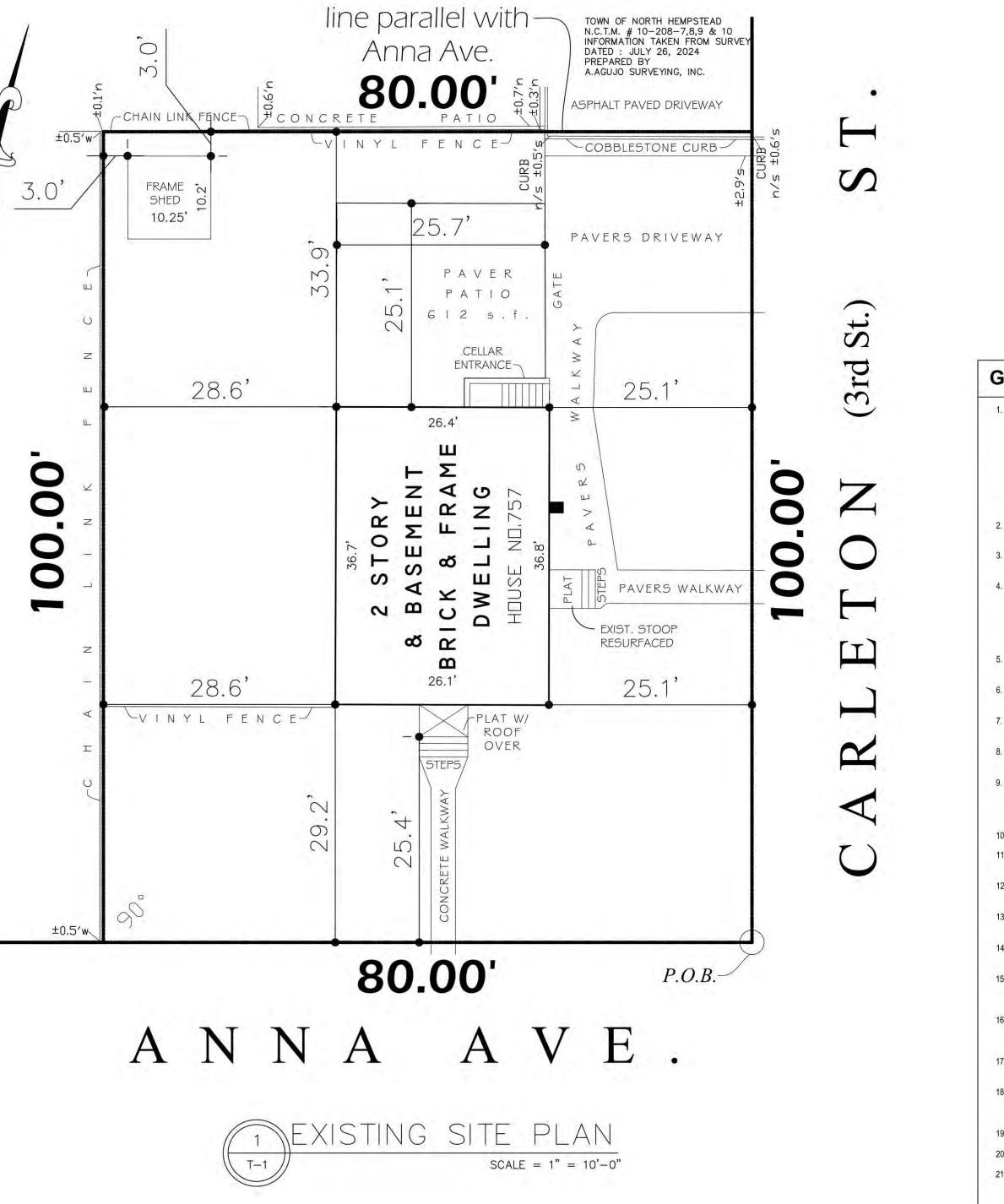
EXISTING LOT AREA:

1ST FLOOR	 = 0	966 S.F.
FR. R.O.	=	24 S.F.
SHED		105 S.F
TOTAL	=	1, 095 S.F.

EXISTING GROSS AREA:

1ST FLOOR 2ND FLOOR FR. R.O. SHED		966 S.F. 937 S.F. 24 S.F. 105 S.F
TOTAL	=	2, 032 S.F.





GENERAL CONDITIONS

ALL DESIGN, FABRICATION AND CONSTRUCTION WORK SHALL BE CONDUCTED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL, CODES AND ORDINANCES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

-2020 RESIDENTIAL CODE OF NEW YORK STATE -2020 ENERGY CONSERVATION CODE OF NEW YORK STATE -2020 MECHANICAL CODE OF NEW YORK STATE -2020 FUEL AND GAS CODE OF NEW YORK STATE

-2020 PLUMBING CODE OF NEW YORK STATE WHERE CONFLICTS ARISE, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF WORK WITH ALL TRADES SO THAT NO CONFLICT OR DEFICIENCY RESULTS IN THE COMPLETED WOR

THE ARCHITECT HAS NOT BEEN RETAINED FOR CONSTRUCTION OBSERVATION

AND ASSUMES NO RESPONSIBILITY FOR CONSTRUCTION ACTIVITIES.

THE CONTRACTOR SHALL OBTAIN, PRESENT EVIDENCE OF, AND PAY FOR ALL PERMITS NECESSARY TO CONDUCT THE WORK AND COMPLETE THIS CONTRACT. THE CONTRACTOR SHALL OBTAIN THE BUILDING PERMIT AND CERTIFICATE OF OCCUPANCY AND ALL REQUIRED APPROVALS. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE REGULATIONS AND REQUIREMENTS OF THE VARIOUS CIVIL AGENCIES HAVING JURISDICTION THEREOF. UPON COMPLETION OF THE WORK PROVIDED FOR IN THE CONTRACT, AND BEFORE FINAL PAYMENT SHALL BE MADE, THE CONTRACTOR SHALL FURNISH THE OWNER WITH ANY NECESSARY CERTIFICATES OF OCCUPANCY OR CERTIFICATES OF COMPLIANCE ISSUED B THESE VARIOUS AGENCIES.

ALL DIMENSIONS INDICATED ON THE DRAWINGS ARE APPROXIMATE AND ARE SUBJECT TO REVISION AS PER ACTUAL FIELD CONDITIONS, THE DISCRETION OF THE OWNER, AND AS DIRECTED AND/OR APPROVED BY THE ARCHITECT.

THE CONTRACTOR SHALL SECURE CONSTRUCTION SITE IN ACCORDANCE WITH ALL APPLICABLE SAFETY STANDARDS. THE CONTRACTOR SHALL CONDUCT ALL WORK TO PRECLUDE THE EFFECTS OF WEATHER ON COMPLETED WORK, OR WORK IN PROGRESS. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY AND EXPENSE OF TEMPORARY ENCLOSURES

WHERE NECESSARY OR WHERE CALLED FOR IN THE DRAWINGS.

ITEMS SUSTAINING DAMAGE DURING THE CONSTRUCTION PERIOD SHALL BE REPAIRED AND/OR REPLACED TO THE SATISFACTION OF THE OWNER AND TO THE APPROVAL OF THE ARCHITECT, AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL CONDUCT ALL WORK IN SUCH A MANNER SO AS TO NOT IMPAIR THE STRUCTURAL INTEGRITY OR STABILITY OF ADJACENT STRUCTURES, EQUIPMENT, OR UTILITIES. SHOULD DAMAGE OCCUR AS A RESULT OF THE WORK, THE CONTRACTOR SHALL REPAIR OR REPLACE SAID DAMAGED ITEMS. THE CONTRACTOR SHALL BEAR ANY AND ALL COSTS ASSOCIATED WITH WORK DISCONTINUATION, MATERIALS TESTING, REPAIR AND ALL MISCELLANEOUS ITEMS.

THE TERM "OWNER" SHALL REFER TO THE LEGAL OWNER OF THE PROPERTY AND PREMISES AND ITS AGENTS OR REPRESENTATIVES.
 THE CONTRACTOR'S AGREEMENT TO ENTER INTO THE WORK SHALL SUFFICE AS THE CONTRACTOR'S ACCEPTANCE OF THE TERMS SPECIFIED HEREIN, AND SHALL BE INCORPORATED INTO ANY AND ALL AGREEMENTS BETWEEN OWNER AND CONTRACTOR

 THE CONTRACTOR SHALL DETERMINE AND/OR VERIFY THE ACTUAL LOCATION OF ANY AND ALL UTILITIES, ALL SUPPLY, WASTE AND HEATING PIPING AND RELATED ITEMS PRIOR TO COMMENCEMENT OF WORK. ALL COSTS INCURRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 THE CONTRACTOR SHALL, AT ALL TIMES, PROVIDE CONVENIENT ACCESS AND

SAFE AND PROPER FACILITIES FOR THE INSPECTION OF ALL PARTS OF THE WORK.

14. ANY MATERIALS OR WORKMANSHIP FOUND AT ANY TIME TO BE DEFECTIVE OR SUBSTANDARD SHALL BE REMEDIED AT ONCE, REGARDLESS OF PREVIOUS INSPECTIONS.

 ALL MATERIAL AND ITEMS INDICATED ON THE CONTRACT DRAWINGS, DIRECTED BY THE ARCHITECT AND AS PER SITE CONDITIONS DEMAND, AND AS PER SITE CONDITIONS DEMAND, SHALL BE DISPOSED OF PROPERLY IN APPROVED CONTAINER OUT OF THE PATH OF CONSTRUCTION AND AWAY FROM PUBLIC AND VEHICLE TRAFFIC, AND TO BE CARTED TO APPROVED LAND FILL SITE BY LICENSED CARTERS.
 ALL NEW WINDOWS AND SKYLIGHTS TO BE MANUFACTURED BY ANDERSEN CORP., BAYPORT, MN. OR EQUAL. ALL WINDOW TYPES

ALL NEW WINDOWS AND SKILIGHTS TO BE MANOFACTORED BY ANDERSEN CORF., BAYFORT, MN. OR EQUAL. ALL WINDOW TIPES AND SIZES SHALL BE AS INDICATED ON THE CONTRACT DRAWINGS. WINDOW GLAZING SHALL BE HIGH PERFORMANCE OR "E" TYPE GLAZING. FURNISH FIBERGLASS INSECT SCREENS WITH ALL NEW WINDOWS.

17. THE CONTRACTOR SHALL CHECK AND VERIFY ALL CONDITIONS OF THE SITE PRIOR TO STARTING OF WORK AND HE SHALL FAMILIARIZE HIMSELF WITH THE INTENT OF THESE PLANS AND MAKE WORK AGREE WITH SAME.

18. IF IN THE COURSE OF CONSTRUCTION, A CONDITION EXISTS WHICH DISAGREES WITH THAT AS INDICATED ON THESE PLANS, THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE ARCHITECT. SHOULD HE FAIL TO FOLLOW THIS PROCEDURE AND CONTINUE TO WORK, HE SHALL ASSUME ALL RESPONSIBILITY AND LIABILITY ARISING THEREFROM.

19. GRADING AROUND NEW CONSTRUCTION SHALL SLOPE AWAY FROM HOUSE AND BLEND INTO EXISTING.

20. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SUPERSEDE SCALED DIMENSIONS.

21. IT IS THE INTENT OF THESE DRAWINGS TO EXPLAIN THE REQUIREMENTS OF THE PROPOSED CONTSRUCTION. HOWEVER, FIELD CONDITIONS MAY ARISE DURING CONSTRUCTION THAT MAY NOT HAVE BEEN EXHAUSTIVELY DETAILED

BUILT WITHOUT BASEMENT

757 ANNA AVE. WESTBURY, N.Y. 11590

Tax Map #:

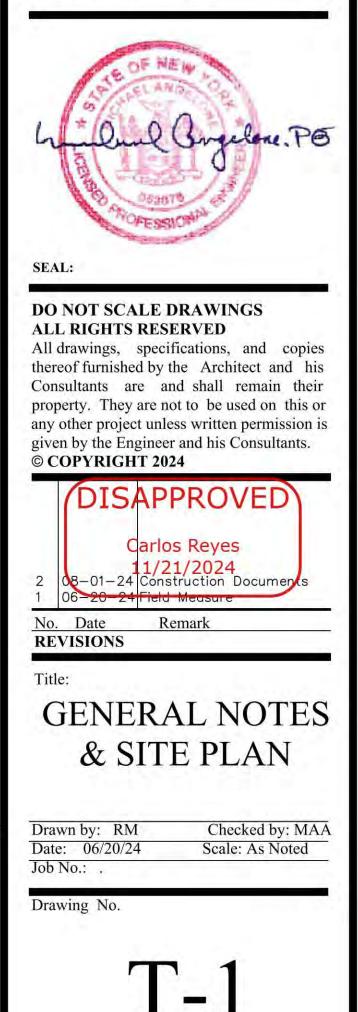
Section: 10Block: 208Lot: 7

ENGINEER: MICHAEL ANGELONE PE LLC MICHAEL ANGELONE 4 POND PLACE OYSTER BAY, N.Y. 11771 TEL.:516.922.2024 FAX: 516.453.6002

CONSULTANT:



Contractor must verify all measurements and conditions prior to beginning any work. Report all discrepancies to the Engineer in writing. Plans subject to approval by all governmental agencies having jurisdiction. The Engineer has not been retained for any field supervision or inspection. His responsibility is limited to the accuracy of the plan. The Engineer is further not responsible for any damage arising out of the contractor's failure to execute the work exactly as shown on the approved drawing(s).



FASTENING SCHEDULE BASED ON TABLE 602.3.(1) 2020 NYS RESIDENTIAL CODE

		SCHEDULE			
	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER ^{a, b, c}	SPACING A	AND L	OCATION
-		FRAMING	-		
1	Blocking Between ceiling joists or rafter to top plate	4-8d BOX (2 ½") or 3-8d common	Toe nail		
2 3	Ceiling Joist to top plate Ceiling joist not attached to parallel rafter, laps over partition (see Sections R802.5.2 & Table R802.5.2	4-8d BOX (2 ½") or 3-8d common 4-10d BOX (3") or 3-16d common	Per joist, toe Face nail	i nan	
4	Ceiling joist attached to parallel rafter (heel joint) (see Sections R802.5.2 & Table R802.5.2	Table R802.5.2	Face nail	1	
5	Collar tie to rafter, face nail or $1\frac{1}{4}$ " x 20 ga. ridge strap to rafter	4-10d BOX (3") or 3-10d common	Face nail ead	h raft	er
			1 / 4 / 4 / 4 / 4 (A / 4 (A / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 /		side and 1 toe nail on
6	Rafter or roof truss to plate	3-16d BOX (3 1/2") or 3-10d common	opposite sid		ach rafter of truss
7	Roof rafters to ridge, valley or hip rafters or roof rafter to minimum 2" ridge beam	4-16d (3 ½") or 3-10d common 3-16d BOX (3 ½") or 2-16d common	Toe nail End nail		
	WALL	FRAMING			
8	Stud to stud (not at braced wall panels)	16d common (3 ½" x 0.162") 10d BOX (3" x 0.128"), or 3" x 0.131" nails	24"o.c. face 16"o.c. face	5.00455C	
٩	Stud to stud and abutting studs at intersecting wall	16d BOX (3 1/2" x 0.135"), or 3" x 0.131" nails	12"o.c. face	nail	
3	corners (at braced wall panels)	16d common (3 1/2" x 0.162")	16"o.c. face	nail	
10	Built un bescher (01145 011 bescher with 1/11 servers)	16d common (3 1/2" x 0.162")	16"o.c. each	edge	face nail
0	Built-up header (2" to 2" header with $\frac{1}{2}$ " spacer)	16d BOX (3 1/2" x 0.135")	12"o.c. each	edge	face nail
11	Continuous header to stud	5-8d BOX (2 1/2" x 0.113"), or 4-8d common	Toe nail		
		16d common (3 1/2" x 0.162")	16"o.c. face	nail	
12	Top plate to top plate	10d BOX (3" x 0.128"), or 3" x 0.131" nails	12"o.c. face	nail	
	Double top plate splice for SDCs A-D2 with seismic			2122	de of end joint (min. 24"
13	braced wall line spacing < 25' Double top plate splice for SDCs D0, D1 or D2 and	8-16d common, or 12-16d BOX	lap splice leng	gth ead	ch side of end joint) de of end joint (min. 24"
	braced wall line spacing > 25'	12-16d (3 1/2" x 0.135") 16d common (3 1/2" x 0.162")		gth ead	ch side of end joint)
14	Bottom plate to joist, rim joist, band joist or blocking (not at braced wall panels)	16d BOX (3 1/2" x 0.135"), or 3" x 0.131" nails	201.000.000.000.00	123408	
11 70					o noil
15	Bottom plate to joist, rim joist, band joist or blocking (at braced wall panels)	3-16d BOX (3 1/2" x 0.135"), or 2-16d common (3 1/2" x 0.162")	3 each 16"o. 2 each 16"o.	and the second second	
16	Top or bottom plate to stud	4-8d BOX (2 1/2" x 0.113"), or 3-16d BOX, or 3-16d BOX, or 4-8d common	Toe nail		
		3-16d BOX (3 1/2" x 0.135"), or 2-16d common (3 1/2" x 0.162")	End nail		
17	Top plates, laps at corners and intersections	3-10d BOX (3" x 0.128"), or 2-16d common	Face nail		
18	1" brace to each stud and plate	3-8d BOX (2 1/2" x 0.113"), or 2-8d common	Face nail	12	
19	1"x 6" sheathing to each bearing	3-8d BOX (2 1/2" x 0.113"), or 2-8d common	Face nail		
	FLOOI	RFRAMING			
21	Joist to sill, top plate or girder	8d BOX (2 1/2" x 0.113"), or 3-8d common	Toe nail		
22	Rim joist, band joist or blocking to sill or top plate	4-8d BOX (2 1/2" x 0.113")	4"o.c. toe na	ul	
22	(roof applications also)	8d common (2 1/2" x 0.131"), or 10d BOX	6"o.c. toe na	ul 👘	
23	1"x 6" subfloor to each joist	3-8d BOX (2 1/2" x 0.113"), or 2-8d common	Face nail		
24	2" subfloor to joist or girder	3-16d BOX (3 1/2" x 0.135"), or 2-16d common	Blind and fac	ce nai	
25	2" planks (plank & beam floor & roof)	3-16d BOX (3 1/2" x 0.135"), or 2-16d common	At each bear	ring, fa	ace nail
26	Band or rim joist to joist	3-16d common (3 1/2" x 0.162") or 4-10d box	End nail		
27	Built-up girders and beams, 2-inch lumber layers	20d common (4" x 0.192"), or 10d box (3" x 0.128"), or 3" x 0.131" nails	24"o.c. face	nail at	'o.c. at top & bottom, staggered t top & bottom staggered
			on opposite		
28 29	Ledger strip supporting joist or rafter Bridging to joist on blocking to joist	4-16d BOX (3 1/2" x 0.135"), or 3-16d common 2-10d (3" x 0.128") box, or 2-8d common	At each joist Each end, to		fter, face nail
		ahr	SPAC	CING	OF FASTENERS
	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER ^{a, b, c}	Edges (inche	es)h	Intermediate supports (inches) C, G
	WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF AND INTERI	OR WALL SHEATHING TO FRAMING AND PAR	TICLE BOARI	D WAL	
		6d common (2" x 0.113") nail (subfloor, wall) i		6"	12" ^f
30 31	³ / ₈ " - ¹ / ₂ " ¹⁹ / ₃₂ " - 1"	8d common (2 1/2" x 0.131") nail (roof) ^j 8d common nail (2 1/2" x 0.131") or RSRS-01 i	nail (roof) j	6"	12" ^f
		10d common (3" x 0.145") nail, or		107	
32	1 1/8" - 1 1/4"	8d common (2 1/2" x 0.131") deformed nail OTHER WALL SHEATHING 9		6"	12"
33	$rac{1}{2}$ " structural cellulosic fiberboard sheathing	1 $\frac{1}{2}$ " galvanized roofing nail, $\frac{7}{16}$ " head diameter long 16 ga. staple with $\frac{7}{16}$ " or 1" crown		3"	6"
34	²⁵ / ₃₂ " structural cellulosic fiberboard sheathing	1 $\frac{3}{4}$ " galvanized roofing nail, $\frac{7}{16}$ " head diamet long 16 ga. staple with $\frac{7}{16}$ " or 1" crown	er, or 1 ½"	3"	6"
35	½" gypsum sheathing ^d	1 $\frac{1}{2}$ " galvanized roofing nail; staple galvanized 1 $\frac{1}{2}$ " long; 1 $\frac{1}{4}$ " screws, Type W or S	J,	7"	7"
36	⁵∕₃" gypsum sheathing ^d	1 ³ / ₄ " galvanized roofing nail; staple galvanized 1 ⁵ / ₈ " long; 1 ⁵ / ₈ " screws, Type W or S	d,	7"	7"
-	WOOD STR	UCTURAL PANELS, COMBINATION SUBFLOOP	UNDERLAY	1	
37	³ ⁄ ₄ " and less	6d deformed (2" × 0.120") nail; or 8d common (2½" × 0.131") nail		6"	12"
38	∛8" - 1"	8d common (2 $\frac{1}{2}$ " × 0.131") nail; or 8d deformed (2 $\frac{1}{2}$ " × 0.120") nail		6"	12"
39	1 1/8" - 1 1/4"	10d common (3" × 0.148") nail; or 8d deformed (2 $\frac{1}{2}$ " × 0.120") nail		6"	12"

a. Nails are smooth-common, box or deformed shanks except where otherwise stated. Nails used for framing and sheathing connections shall have minimum average bending yield strengths as shown: 80 ksi for shank diameter of 0.192 inch (20d common nail), 90 ksi for shank diameters larger than 0.142 inch but not larger than 0.177 inch, and 100 ksi for shank diameters of 0.142 inch or less.

b. Staples are 16 gage wire and have a minimum $\frac{1}{16}$ inch on diameter crown width.

Nails shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or greater.

d. Four-foot by 8-foot or 4-foot by 9-foot panels shall be applied vertically.

Spacing of fasteners not included in this table shall be based on Table R602.3(2).

For wood structural panel roof sheathing attached to gable end roof framing and to intermediate supports within 48 inches of roof edges and ridges, nails shall be spaced at 6 inches on center where the ultimate design wind speed is less than 130 mph and shall be spaced 4 inches on center where the ultimate design wind speed is 130 mph or greater but less than 140 mph. Gypsum sheathing shall conform to ASTM C1396 and shall be installed in accordance with GA 253. Fiberboard sheathing shall conform to ASTM C208.

Spacing of fasteners on floor sheathing panel edges applies to panel edges supported by framing members and required blocking and at floor perimeters only. Spacing of fasteners on roof sheathing panel edges applies to panel edges supported by framing members and required blocking. Blocking of roof or floor sheathing panel edges perpendicular to the framing members need not to be provided except as required by other provisions of this code. Floor perimeter shall be supported by framing members or solid blocking.

Where a rafter is fastened to an adjacent parallel ceiling joist in accordance with this schedule, provide two toe nails on one side of the rafter and toe nails from the ceiling joist to top plate in accordance with this schedule. The toe nail on the opposite side of the rafter shall not be required. RSRS-01 is a Roof Sheathing Ring Shank nail meeting the specifications in ASTM F1667.

BLE 1: MINIMUM INSULATION THICKNESS CORCULATING HOT WATER PIPES (ICE RAD3.4) BASEMENT VALLS, FOUNDATION AND OTHER CONCRETE NOT 2,500 2,500 2,20 BLE 1: MINIMUM INSULATION THICKNESS CORCULATING HOT WATER PIPES (ICE RAD3.4) BASEMENT SLASS AND INTERIOR SLASS ON GRADE, EXCEPT 2,500 2,500 2,00 3,000 d 30 PORCHES, CARPORT SLASS AND INTERIOR SLASS ON GRADE, EXCEPT 2,500 3,000 d 30 PORCHES, CARPORT SLASS AND SUBJECT WATER PIPES (ICE RAD3.4) DTHER VERTICAL CONCRETE WORK EXPOSED TO THE WEATHER 2,500 3,000 d, e, f 3,000 PORCHES, CARPORT SLASS AND SUBJECT WATER PIPES (ICE RAD3.4) EVENT SLASS AND SUBJECT VIEW EXPOSED TO THE WEATHER 2,500 3,000 d, e, f 3,000 SOVE 105 ° F R.3 For St: gound present mine 5480 s&a. 2,500 3,000 d, e, f 3,000 LOW 55° F R.3 Controls in the angement fuence 2,500 3,000 d, e, f 3,000 SULATION FOR HOT WATER PIPE WITH A MINIMUM THERMAL. Controls in the angement fuence Controls in the angement fuence </th <th>S) ^{a,b}</th>	S) ^{a,b}
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	2 X 6 2 X 6
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For SI: 1 inch = 25.4 mm, 1 plf= 14.6 N/m, 1 pound per square foot = 47.9 N/m ² a. Interpolation allowed. Extrapolation is not allowed. DWABLE DEFLECTION OF STRUCTURAL MEMBERS b, c and floor framing. For every 2 feet of adjustment to the width of the house, add or subtract 2 inche	
STRUCTURAL MEMBER ALLOWABLE DEFLECTION	
TERS HAVING SLOPES GREATER THAN 3:12 WITH	20
ERIOR WALLS AND PARTITIONS H/180	10 LOAD (ps
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D STUCCO) L/360 LINGS WITH FLEXIBLE FINISHES (INCLUDING GYPSUM GYPSUM GYPSUM BOARD (1/2-in.)	7.0 9.0
ARD) L/240 SUSPENDED STEEL CHANNEL SYSTEM COVERINGS, ROOF, AND WALL COVERINGS, ROOF, AND WALL	2.0
ERIOR WALLS-WIND LOADS WITH PLASTER OR	2.0
JCCO FINISH H/360 GYPSUM SHEATHING, 1/2-in. PLYWOOD (per 1/2-in.)	12-12-1
	2.0
ISHES H/240 RIGID INSULATION 1/2-in	2.0 1.6 0.75
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INSTES H/240 TERIOR WALLS—WIND LOADS [®] WITH FLEXIBLE FINISHES H/120D TELS SUPPORTING MASONRY VENEER WALLS [®] L/600 = span height. SINGLE-PLY SHEET WATERPROOFING MEMBRANE BITUMINOUS, SMOOTH SURFACE WATERPROOFING MEMBRANE Bituminis therein, the wind load shall be permitted to be taken as 0.7 times the component and clading (ASD) takes obtained from Table R301 (2). FL O O R S A N D F L O O R F I N I S H E S For cambinum structural members a praint load defection shall out careed UVB. For comitiuous aluminum structural members are prainted to an allowable defection of the and exace UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted to an allowable defection of the and exace UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted in ote sceed UVB. For comitiuous aluminum structural members are prainted in ote s	1.6 0.75 0.7 1.5 16.0 4.0 1.0 3.0 2-in. 16-i .C. 0.0 6 5 6 6
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ISHES H/240 ERIOR WALLSWIND LOADS ¹ WITH FLEXIBLE FINISHES H/120D ISINGLE-PLY SHEET WATERPROOFING MEMBRANE ISINGLE-PLY SHEET WATERPROOFING MEMBRANE BITUMINOUS, SMOOTH SURFACCE WATERPROOFING MEMBRANE BITUMINOUS, SMOOTH SURFACCE WATERPROOFING MEMBRANE BITUMINOUS, SMOOTH SURFACE FLO O RS A N D FLO O R FINISHES Bitumine and the set of th	1.6 0.75 0.7 1.5 16.0 4.0 1.0 3.0 2-in. 16-i .C. O.C 6 5 6 6 7 6 8 7 8.0
ISNES H1/240 ERIOR WALLS—WIND LOADS [®] WITH FLEXIBLE FINISHES H1/20D TELS SUPPORTING MASONRY VENEER WALLS [®] L/600 Single_PLY Syntem Single_PLY Syntem Targe langth, H - span hanght. Single_PLY Syntem Targe langth, H - span hanght. Single_PLY Syntem Targe langth, H - span hanght. FL O O R S A N D F L O O R F I N I S H E S Tor gas langth, H - span hanght. FL O O R S A N D F L O O R F I N I S H E S Tor gas langth, H - span hanght. FL O O R S A N D F L O O R F I N I S H E S Tor gas langth, H - span hanght. FL O O R S A N D F L O O R F I N I S H E S Tor gas langth, H - span hanght. FL O O R S A N D F L O O R F I N I S H E S Tor gas langth, H - span hanght. FL O O R S A N D F L O O R S A N D F L O O R F I N I S H E S CERAMIC OR QUARRY TILE (3/4-in.) ON 1/2-in. MORTAR BED HARDWOOD FLOORNING, 7/7-in. ILINOLELUM OR ASPHALT TILE, 1/4-in. SUBFLOORNING, 3/8-in. SUBFLOORNING, 3/8-in. CLASS OF MATERIAL POUNDATION MATERIALS ^a Tor gas langth, H - span hanght. SUBFLOORNING, 3/8-in. SUBFLOORNING, S GR, MOOD JOIST (no plaster) J2 JOIST SND CANKE FOOT J2 OLASS OF MATERIAL POUNDATION MATERIALS ^a SUBFLOORNING, J J J J J J J J J J J J J J J J J J J	1.6 0.75 0.7 1.5 16.0 4.0 1.0 3.0 2-in. 16-i .C. O.C 6 5 6 6 7 6 8 7
SNHES H/240 ERROR WALLS—WIND LOADS WITH FLEXIBLE FINISHES H/120D SINELS SUPPORTING MASONRY VENEER WALLS ⁶ L/600 ************************************	1.6 0.75 0.7 1.5 16.0 4.0 1.0 3.0 2-in. 16-i .C. O.C 6 5 6 6 7 6 8 7 8.0
SNEES H/240 ERIOR WALLS—WIND LOADS WITH FLEXIBLE FINISHES H/120D TELS SUPPORTING MASONRY VENEER WALLS ⁶ L/600 a quering M, H ² supriming. BINGLE-PLY SHEET WATERPROOFING MEMBRANE BINGLE-PLY SHEET WATERPROOFING MEMBRANE To be adding ABJ bio status to the inter is the in	1.6 0.75 0.7 1.5 16.0 4.0 1.0 3.0 2-in. 16-i .C. O.C 6 5 6 6 7 6 8 7 8.0 11.0 12.0 12.0
SHES HI24U ERIOR WALLS—WIND LOADS ³ WITH FLEXIBLE FINISHES H/120D TELS SUPPORTING MASONRY VENEER WALLS ⁴ L/60 ************************************	1.6 0.75 0.7 1.5 16.0 4.0 1.0 3.0 2-in. 16-i .C. O.C 6 5 6 6 7 6 8 7 8.0 11.0 12.0 48.0
SNESS IN THE PLAY AND LOADS WITH FLEXIBLE FINISHES FRICIOR MALLS—WIND LOADS WITH FLEXIBLE FINISHES FEILOR MALLS—WIND LOADS WITH FLEXIBLE FINISHES FILO ON SALONRY VENEER WALLS ⁶ LIGOO Northwest and with a factor for the mathematical difference in the second and	1.6 0.75 0.7 1.5 16.0 4.0 1.0 3.0 2-in. 16-i .C. 0.0 6 5 6 6 7 6 8 7 8.0 11.0 12.0 48.0 FOR
SNESS H/24/U FRIGR WALLS—WIND LOADS [®] WITH FLEXIBLE FINISHES H/200 SINELS_WITH G MASONRY VENEER WALLS [®] L/600 SINELS SUPPORTING MASONRY VENEER WALLS [®] L/600 Single Full Supporting Mason Barden for the sense to the sens	1.6 0.75 0.7 1.5 16.0 4.0 1.0 3.0 2-in. 16-i .C. 0.0 6 5 6 6 7 6 8 7 8.0 11.0 12.0 48.0 FOR
Shifts 1/1/24 ENGROR MULLIS-WIND LOADS ¹ WITH FLEXIBLE FINISHES 1/1/20 TELS SUPPORTING MASONRY VENEER WALLS ⁴ U600 Tels SUPPORTING MASONRY VENEER WALLS ⁴ U600 Tels SUPPORTING MASONRY VENEER WALLS ⁴ U600 Tels source for devision definition that have have and and an partite to be base at 1 free to ensemble Bind Minora Mathematication and the control of the control. The source of the control of the control. The control of the control of the control. FLO OR S A ND FLO OR F I NI S HE S Clear Source of the control. The control of the control. FLO OR S A ND FLO OR F I NI S HE S Clear Source of the control. The control of the control. FLO OR S A ND FLO OR F I NI S HE S Clear Source of the control. The control of the control. FLO OR S A ND FLO OR F I NI S HE S Clear Source of the control. The control of the control. FLO OR S A ND FLO OR F I NI S HE S Clear Source of the control. The control of the control. FLO OR S A ND FLO OR F I NI S HE S Clear Source of the control. The control of the control. The control of the control. State Source of the control. The control of the control. The control of the control. State Source of the contr	1.6 0.75 0.7 1.5 16.0 4.0 1.0 3.0 2-in. 16-i .C. 0.0 6 5 6 6 7 6 8 7 8.0 11.0 12.0 48.0 FOR
SHES H240 FEROR WALLS-WIND LOADS ⁵ WITH FLEXIBLE FINALS ⁴ H1200 TELS SUPPORTING MASONRY VENEER WALLS ⁶ L600 Tage in the fragment disc. Integration of the sector of	1.6 0.75 0.7 1.5 16.0 4.0 1.0 3.0 2-in. 16-i .C. 0.0 6 5 6 6 7 6 8 7 8.0 11.0 12.0 48.0 FOR
SHES 1//24 FROM WALLS-WIND LOADS ¹ WTH FLEXIBLE FINISHES H1/20 TELS SUPPORTING MASONRY VENEER WALLS ² L/60 Transmission L/600 Line Constant L/600 Transmission L/600 State First L/600 Transmission L/600 Line Constant L/600 Line Constant L/600 Line Constant L/600 State First L/600 Line Constant	1.6 0.75 0.7 1.5 16.0 4.0 1.0 3.0 2-in. 16-i .C. 0.0 6 5 6 6 7 6 8 7 8.0 11.0 12.0 48.0 FOR

WIND-BORNE DEBRIS REGION

GARAGE FLOOR SLABS
BASEMENT WALLS, FOUNDATION WAL
PORCHES, CARPORT SLABS AND STEPS E

SNOW LOAD	STORY AND	LOAD-BEARING VALUE OF SOIL (PSF)										
OR ROOF LIVE LOAD	TYPE OF STRUCTURE	1,500	2,000	2,500	3,000	3,500	4,000					
	LIGHT- FRAME CONSTRUCTION											
	1 story -slab-on-grade	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	1 story -with crawl space	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	1 story -plus basement	18 X 6	14 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	2 story -slab-on-grade	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	2 story -with crawl space	16 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	2 story -plus basement	22 X 6	16 X 6	13 X 6	12 X 6	12 X 6	12 X 6					
	3 story -slab-on-grade	14 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	3 story -with crawl space	19 X 6	14 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	3 story -with basement	25 X 8	19 X 6	15 X 6	13 X 6	12 X 6	12 X 6					
	LIGHT- FRAME CONSTRUCTION WITH BRICK VENEER a,b											
	1 story -slab-on-grade	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
psf	1 story -with crawl space	15 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	1 story -plus basement	21 X 6	15 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
20	2 story -slab-on-grade	15 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	2 story -with crawl space	20 X 6	15 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	2 story -plus basement	26 X 8	20 X 6	16 X 6	13 X 6	12 X 6	12 X 6					
	3 story -slab-on-grade	20 X 6	15 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	3 story -with crawl space	26 X 8	19 X 6	15 X 6	13 X 6	12 X 6	12 X 6					
	3 story -with basement	32 X 11	24 X 7	19 X 6	16 X 6	14 X 6	12 X 6					
	CAST-IN-PLACE	CONCRET	E OR FULL	Y GROUTED	MASONRY	WALL						
	1 story -slab-on-grade	14 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	1 story -with crawl space	19 X 6	14 X 6	12 X 6	12 X 6	12 X 6	12 X 6					
	1 story -plus basement	25 X 8	19 X 6	15 X 6	13 X 6	12 X 6	12 X 6					
	2 story -slab-on-grade	23 X 7	18 X 6	14 X 6	12 X 6	12 X 6	12 X 6					
	2 story -with crawl space	29 X 9	22 X 6	17 X 6	14 X 6	12 X 6	12 X 6					
	2 story -plus basement	35 X 12	26 X 8	21 X 6	17 X 6	15 X 6	13 X 6					
	3 story -slab-on-grade	32 X 11	24 X 7	19 X 6	16 X 6	14 X 6	12 X 6					
	3 story -with crawl space	38 X 14	28 X 9	23 X 6	19 X 6	16 X 6	14 X 6					
	3 story -with basement	43 X 17	33 X 11	26 X 8	22 X 6	19 X 6	16 X 6					

MINIMUM SPECIFIED COMPRESSIVE STRENGTH (f^rc)^a

OR ROOF LIVE				the second second	1		
OR ROOF LIVE	TYPE OF STRUCTURE	1,500	2,000	2,500	3,000	3,500	4,000
1 2 1		IGHT- FRA	ME CONST	RUCTION			
	1 story -slab-on-grade	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X
	1 story -with crawl space	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X
	1 story -plus basement	18 X 6	14 X 6	12 X 6	12 X 6	12 X 6	12 X
	2 story -slab-on-grade	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X
	2 story -with crawl space	16 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X
	2 story -plus basement	22 X 6	16 X 6	13 X 6	12 X 6	12 X 6	12 X
	3 story -slab-on-grade	14 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X
	3 story -with crawl space	19 X 6	14 X 6	12 X 6	12 X 6	12 X 6	12 X
	3 story -with basement	25 X 8	19 X 6	15 X 6	13 X 6	12 X 6	12 X
	LIGHT- FI	RAME CON	STRUCTIO	N WITH BRI	CK VENEER	a,b	1000
	1 story -slab-on-grade	12 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X
psf	1 story -with crawl space	15 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X
	1 story -plus basement	21 X 6	15 X 6	12 X 6	12 X 6	12 X 6	12 X
20	2 story -slab-on-grade	15 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X
	2 story -with crawl space	20 X 6	15 X 6	12 X 6	12 X 6	12 X 6	12 X
	2 story -plus basement	26 X 8	20 X 6	16 X 6	13 X 6	12 X 6	12 X
	3 story -slab-on-grade	20 X 6	15 X 6	12 X 6	12 X 6	12 X 6	12 X
	3 story -with crawl space	26 X 8	19 X 6	15 X 6	13 X 6	12 X 6	12 X
	3 story -with basement	32 X 11	24 X 7	19 X 6	16 X 6	14 X 6	12 X
	CAST-IN-PLACE	CONCRET	E OR FULL	Y GROUTE	MASONRY	WALL	
	1 story -slab-on-grade	14 X 6	12 X 6	12 X 6	12 X 6	12 X 6	12 X
	1 story -with crawl space	19 X 6	14 X 6	12 X 6	12 X 6	12 X 6	12 X
	1 story -plus basement	25 X 8	19 X 6	15 X 6	13 X 6	12 X 6	12 X
	2 story -slab-on-grade	23 X 7	18 X 6	14 X 6	12 X 6	12 X 6	12 X
	2 story -with crawl space	29 X 9	22 X 6	17 X 6	14 X 6	12 X 6	12 X
	2 story -plus basement	35 X 12	26 X 8	21 X 6	17 X 6	15 X 6	13 X
	3 story -slab-on-grade	32 ¥ 11	24 8 7	10 X 6	16 X 6	14 7 6	12 X

COMPONENT	LOA	D (psf)
CEILINGS		22
GYPSUM BOARD (1/2-in.)	7.	0
GYPSUM BOARD (5/8-in.)	9.	0
SUSPENDED STEEL CHANNEL SYSTEM	2.	0
COVERINGS, ROOF, AND W	ALL	
ASPHALT SHINGLES	2.	0
GYPSUM SHEATHING, 1/2-in.	2.	0
PLYWOOD (per 1/2-in.)	1.	6
RIGID INSULATION, 1/2-in.	0.	75
SINGLE-PLY SHEET WATERPROOFING MEMBRANE	0.	7
BITUMINOUS, SMOOTH SURFACE WATERPROOFING MEMBRANE	1.	5
FLOORS AND FLOOR FINISHE	S	
CERAMIC OR QUARRY TILE (3/4-in.) ON 1/2-in. MORTAR BED	16	5.0
HARDWOOD FLOORING, 7/7-in.	4.	0
LINOLEUM OR ASPHALT TILE, 1/4-in.	1.	0
SUBFLOORING, 3/4-in.	3.	0
FLOORS, WOOD JOIST (no plaster) JOIST SIZES (in.)	12-in. O.C.	16-in O.C.
2x6	6	5
2x8	6	6
2x10	7	6
2x12	8	7
FRAME PARTITIONS	2.2.677	
WOOD OR STEEL STUDS, 1/2-in. GYP. BOTH SIDES	8.	.0
FRAME WALLS		
EXTERIOR STUD WALLS:		
2x4 @ 16-in., 5/8-in. GYPSUM, INSULATED, 3/8-in. SIDING	11	.0
2x6 @ 16-in., 5/8-in. GYPSUM, INSULATED, 3/8-in. SIDING	12	.0
EXTERIOR STUD WALLS WITH BRICK VENEER	48	.0

TABLE R402.2 MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE

GENERAL SPECIFICATIONS

CONCRETE WORK (R402-R407)

- ALL CONCRETE WORK SHALL COMPLY WITH THE SPECIFICATIONS AND THE FOLLOWING STANDARDS EXCEPT WHERE MORE STRINGENT REQUIREMENTS SHOWN OR SPECIFIED SHALL GOVERN: ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", LATEST VERSION ACI 302 "GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION", LATEST VERSION ACI 311 "RECOMMENDED PRACTICE FOR CONCRETE INSPECTION", LATEST VERSION ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", LATEST VERSION ACI 347 "RECOMMENDED PRACTICE FOR CONCRETE FORMWORK", LATEST VERSION CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE", LATEST VERSION ACI 305, 306 "MIXING AND PLACING OF CONCRETE DURING HOT AND COLD WEATHER", LATEST VERSION
- BASEMENT, FOUNDATION, EXTERIOR WALLS & OTHER VERTICAL CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS. PORCHES, CARPORTS & GARAGE CONCRETE SLABS SHALL HAVE A COMPRESSIVE STRENGTH OF 3500 PSI @ 28 DAYS. CONCRETE SHALL BE AIR ENTRAINED. TOTAL AIR CONTENT (% BY VOL. OF CONC.) SHALL NOT BE LESS THAN 5% OR MORE THAN 7% MATERIALS USED TO PROVIDE CONCRETE AND TESTING THEREOF SHALL COMPLY WITH THE APPLICABLE STANDARDS LISTED IN ACI 318 OF ASTM C 1157. (R402.2)
- 3. ALL WELDED WIRE FABRIC REINFORCEMENT SHALL CONFORM TO ASTM A185, LATEST REVISION. ALL FOOTINGS AND GRADE BEAMS SHALL BEAR ON UNDISTURBED SOIL HAVING A MINIMUM BEARING
- CAPACITY OF 2000 POUNDS PER SQUARE FOOT IN ANY WAY TO ANY PROPOSED STRUCTURE. IF DETERMINED BY THE ARCHITECT, THE ACTUAL SOIL BEARING SETTLEMENT CHARACTERISTICS SHALL BE ASSESSED BY A QUALIFIED SOILS TEST LABORATORY AND GEOTECHNICAL ENGINEER. THE OWNER SHALL BEAR THE EXPENSE OF TESTING.

MASONRY WORK (R404)

- 1. ALL MASONRY WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 530 / ASCES / TMS 402
- 2. ALL CONCRETE MASONRY UNITS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C90-99, LATEST REVISION, FOR FULL LOAD BEARING MASONRY UNITS WITH MAXIMUM COMPRESSIVE STRENGTH.
- MORTAR TYPE SHALL BE SUITED FOR THE PARTICULAR ENVIRONMENT IN WHICH MASONRY IS LOCATED GIVING DUE REGARD FOR STRESS, THERMAL AND MOISTURE CONDITIONS AND COMPLY WITH ASTM 270 (R607.1)
- PREMOULDED AND KEYED VERTICAL EXPANSION JOINTS SHALL BE LOCATED AT 20 FOOT INTERVALS. SPECIAL SHAPED MASONRY UNITS CAPABLE OF TRANSMITTING SHEAR SHALL BE UTILIZED UNITS CAPABLE OF TRANSMITTING SHEAR SHALL BE UTILIZED AT JOINT LOCATIONS.
- RUNNING BOND MASONRY COURSES ARE REQUIRED AT ALL LOCATIONS.
- 6. ALL INTERIOR AND EXTERIOR MASONRY JOINTS SHALL BE TOOLED OR RODDED, NOT RAKED.
- 7. TRUSSED GALVANIZED STEEL HORIZONTAL REINFORCING IS REQUIRED AT 16" MAXIMUM INTERVALS INCLUDING CORNERS, INTERSECTIONS AND PILASTERS, HORIZONTAL JOINT REINFORCING SHALL BE DUR-O-WALL OR EQUAL.
- 8. IN ADDITION TO REINFORCING INDICATED, GRADE 60 #4 REINFORCING DOWELS ARE REQUIRED AT 48" O.C. INTERVALS EXTENDING UPWARD ONE FOURTH THE WALL HEIGHT OR 30" WHICHEVER IS IS GREATER, AND ENCASED IN GROUT FILLED CELLS. FULL HEIGHT #4 BARS ARE REQUIRED AT 96" INTERVALS WITH FULLY GROUTED CELLS. BARS SHALL BE EMBEDDED IN CONCRETE FOUNDATION SUFFICIENTLY TO DEVELOP ADEQUATE ANCHORAGE.

STRUCTURAL STEEL (BC2203-BC2205)

1. ALL STRUCTURAL STEEL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS HEREIN INDICATED AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE FOLLOWING STANDARDS. WHERE CONFLICTS OCCUR. THE MORE STRINGENT STANDARD SHALL APPLY:

RESIDENTIAL CODE OF NEW YORK STATE BUILDING CODE OF NEW YORK STATE

THE DESIGN. FABRICATION AND ERECTION OF STRUCTURAL STEEL BUILDINGS AND STRUCTURES SHALL BE IN ACCORDANCE WITH EITHER THE AISC LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC-LRFD), AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN (AISC-ASD) OR AISC SPECIFICATIONS FOR THE DESIGN OF STEEL HOLLOW STRUCTURAL SECTIONS (AISC-HSS). WHERE REQUIRED, THE SEISMIC DESIGN OF STEEL STRUCTURES SHALL BE IN ACCORDANCE WITH THE ADDITIONAL PROVISIONS OF BC 2212.

- ANSI/AWS D1.1 "STRUCTURAL WELDING CODE-STEEL", LATEST REVISION.
- ALL FRAMING MEMBERS SHALL BE SHOP FABRICATED FOR BOLTED FIELD ASSEMBLY. FIELD CUTTING OR DRILLING, WHEN REQUIRED, SHALL BE CLEARLY NOTED ON THE DRAWINGS. ALL FRAMING MEMBERS SHALL CARRY AN EASILY VISIBLE IDENTIFYING MARK, EITHER STAMPED, STENCILED OR PAINTED.
- 3. ALL FIELD CONNECTIONS SHALL BE BOLTED. BOLTS SHALL BE MACHINE BOLTS CONFORMING TO ASTM SPECIFICATIONS A325 OR A490 AS SHOWN ON THE DRAWINGS. THE FAYING SURFACES OF ALL BOLTED CONNECTIONS SHALL BE SMOOTH AND FREE FROM BURRS OR DISTORTIONS. ALL BOLTS SHALL BE ELECTRO-ZINC PLATED.
- 4. ALL STRUCTURAL STEEL SHALL BE ASTM A-36 (FY = 36 KSI)
- 5. ALL SHOP CONNECTIONS SHALL BE WELDED OR BOLTED. BOLTS TO BE 3/4" AND ASTM A-325 AND MEET AISC SPECIFICATIONS, SECTION 1.16, WELDS TO BE ETOXX AND MEET AISC SPECIFICATIONS, SECTION 1.17. ALL SPECIFICATIONS TO BE LATEST REVISION.
- 6. ALL WELDING SHALL BE DONE BY LICENSED WELDERS.
- 7. ALL STEEL DETAILS SHALL BE DESIGNED TO CONFORM TO ARCHITECTURAL REQUIREMENTS.
- 8. ALL STEEL FLITCH PLATES TO BE THROUGH BOLTED WITH 5/8" DIAMETER STEEL BOLTS AT 16" O.C., STAGGERED.

STRUCTURAL LUMBER (R502, R602, R802)

- 1. ALL FLOORS, WALLS, CEILINGS & ROOFS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE SPAN TABLES FOUND IN THE RESIDENTIAL CODE OF NEW YORK STATE OR IN ACCORDANCE WITH AF&PA / NDS AND ASCE-7.
- 2. ALL LUMBER SHALL BE DOUGLAS FIR CONSTRUCTION GRADE #2 OR BETTER WITH THE FOLLOWING MINIMUM STRESS GRADES:

BENDING STRESS	Fb = Base: 875 Adj: 1107 PSI
SHEAR STRESS	Fv = 95 PSI
MODULUS OF ELASTICITY	E= 1.6 x 10 ⁶ PSI

- 3. ALL FRAMING BRACKETS AND ANCHORS SHALL BE 16 GAUGE GALVANIZED STEEL BY simpson OR EQUAL.
- 4. ALL WALL PLATES BEARING ON CONCRETE SHALL BE PRESSURE TREATED PRESERVATIVE (PTP) TIMBER. 5. ALL LOAD BEARING DIMENSION LUMBER SHALL BE IDENTIFIED BY A GRADE MARK OR A
- LUMBER GRADING OR INSPECTION AGENCY THAT HAS BEEN APPROVED BY AN ACCREDITATION BODY THAT COMPLIES WITH DOC PS 20.

PLUMBING AND HEATING WORK (P2502, & R303.10)

- 1. PLUMBING SANITARY, COLD AND HOT WATER, AND ALL OTHER PIPING SHALL CONFORM TO ALL LOCAL, COUNTY & TOWN REQUIREMENTS AND THE REQUIREMENTS OF THE RESIDENTIAL CODE OF THE STATE NEW YORK.
- 2. THE USE OF LEAD SOLDER IN PIPING JOINTS IS STRICTLY PROHIBITED UNDER LAW.
- 3. ALL HYDRONIC HEATING SUPPLY AND HOT WATER PIPES SHALL BE INSULATED.
- 4. HEATING SYSTEM SHALL BE EXISTING TO REMAIN. CONTRACTOR TO MODIFY AS REQUIRED TO BE SUITABLE FOR COMFORT HEATING IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
- 5. THE PLUMBING CONTRACTOR SHALL OBTAIN ALL PERMITS & PAY ALL FEES REQUIRED FOR HIS WORK.

ELECTRICAL WORK (E3401)

- ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE RESIDENTIAL CODE OF NEW YORK STATE, THE NATIONAL ELECTRIC CODE, THE LOCAL POWER CO. AND ALL APPLICABLE LOCAL REGULATIONS. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY ALL FEES REQUIRED FOR HIS WORK. THE CONTRACTOR SHALL HAVE THE INSTALLATION INSPECTED AND APPROVED BY AN INSPECTION AGENCY OF THE FIRE UNDERWRITERS ASSOCIATION AND SUBMIT A CERTIFICATE OF FINAL APPROVAL BY THE INSPECTION AGENCY UPON COMPLETION.
- SMOKE DETECTORS SHALL BE FURNISHED AND INSTALLED AS INDICATED ON DRAWINGS AND IN ACCORDANCE WITH APPLICABLE FIRE SAFETY AND ELECTRICAL CODES.
- 3. ALL ELECTRICAL FIXTURES, SWITCHES AND ACCESSORIES SHALL BE SELECTED BY THE OWNER.

BUILT WITHOUT BASEMENT

757 ANNA AVE. **WESTBURY, N.Y. 11590**

Tax Map #:

Section: 10Block: 208Lot: 7

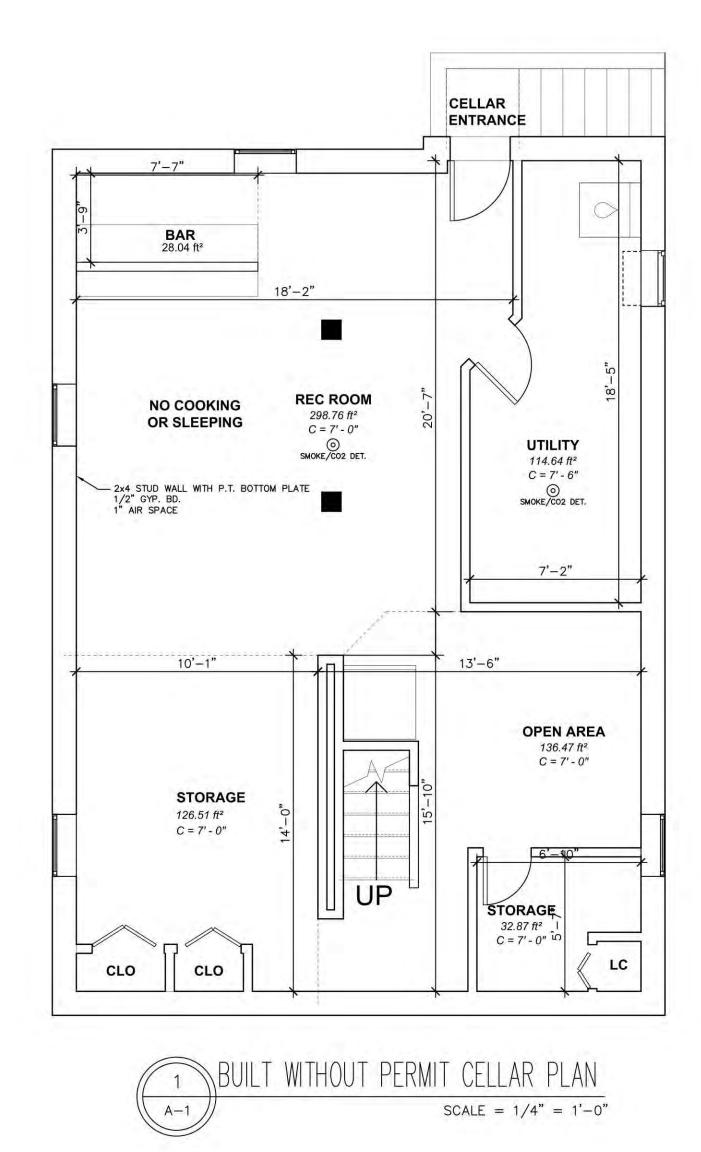
ENGINEER: MICHAEL ANGELONE PE LLC MICHAEL ANGELONE **4 POND PLACE** OYSTER BAY, N.Y. 11771 TEL::516.922.2024 FAX: 516.453.6002

CONSULTANT:



Contractor must verify all measurements and conditions prior to beginning any work. Report all discrepancies to the Engineer in writing. Plans subject to approval by all governmental agencies having jurisdiction. The Engineer has not been retained for any field supervision or inspection. His responsibility is limited to the accuracy of the plan. The Engineer is further not responsible for any damage arising out of the contractor's failure to execute the work exactly as shown on the approved drawing(s).

hullen Bryclone. PO
SEAL:
DO NOT SCALE DRAWINGS ALL RIGHTS RESERVED All drawings, specifications, and copies thereof furnished by the Architect and his Consultants are and shall remain their property. They are not to be used on this or any other project unless written permission is given by the Engineer and his Consultants. © COPYRIGHT 2024
2 06-20-24 Field Measure No. Date Remark
No. Date Remark REVISIONS
Title: SCHEDULES AND CODE
Drawn by:RMChecked by:MAADate:06/20/24Scale:As NotedJob No.:Drawing No.
T-2



DEMOLITION NOTES

- CONTRACTOR TO REMOVE ALL WALLS, CEILINGS AND FLOORS OR PORTIONS OF, AS SHOWN ON PLANS. CONTRACTOR TO PROVIDE TEMPORARY BRACING AND/OR SHORING AS REQUIRED TO SUPPORT REMAINING EXISTING STRUCTURE AND PROTECT SAME DURING PERIOD OF CONSTRUCTION. TEMPORARY BRACING AND/OR SHORING SHALL REMAIN IN PLACE UNTIL ALL OF THE NEW
- STRUCTURE HAS BEEN COMPLETED. ALL INTERIOR WALLS AND CEILINGS TO BE PATCHED AND REPAIRED BY NEW ALTERATION, OR TO REMEDY EXISTING DEFECTS IN SAME. ALL INTERIOR WALLS AND CEILING TO BE PRIMED AND PAINTED SO AS TO ACHIEVE A UNIFORM FINISH IN KEEPING WITH THE QUALITY OF THE OVERALL RENOVATION.
- ALL EXISTING WOOD FLOORING TO BE REPLACED AS PER OWNER.
- CONTRACTOR TO MODIFY EXISTING HEATING SYSTEM, AS REQUIRED. CONTRACTOR TO CAP ALL EXISTING PLUMBING LINES AS REQUIRED FOR DEMOLITION. CONTRACTOR SHALL THEN ASSESS THE RE-USABLE VALUE AND SUITABILITY OF REMAINING LINES AND REMOVE OR RE-USE AS REQUIRED BY HEATING AND PLUMBING SYSTEM.
- CONTRACTOR TO MODIFY AND UPGRADE ELECTRICAL PANEL, AS REQUIRED. ALL ELECTRICAL LINES TO BE CAPPED IN WALLS TO BE REMOVED. CONTRACTOR TO PROVIDE NEW OUTLETS, SWITCHES AND FIXTURES AS PER ELECTRICAL PLANS. AND REPLACE EXISTING FIXTURES AS PER OWNER.
- CONTRACTOR TO CAP ALL EXISTING MECHANICAL LINES AS REQUIRED FOR DEMOLITION. CONTRACTOR SHALL THEN ASSESS THE RE-USABLE VALUE AND SUITABILITY OF REMAINING LINES AND REMOVE OR RE-USE AS REQUIRED BY NEW HVAC SYSTEM.

DOOR NOTES

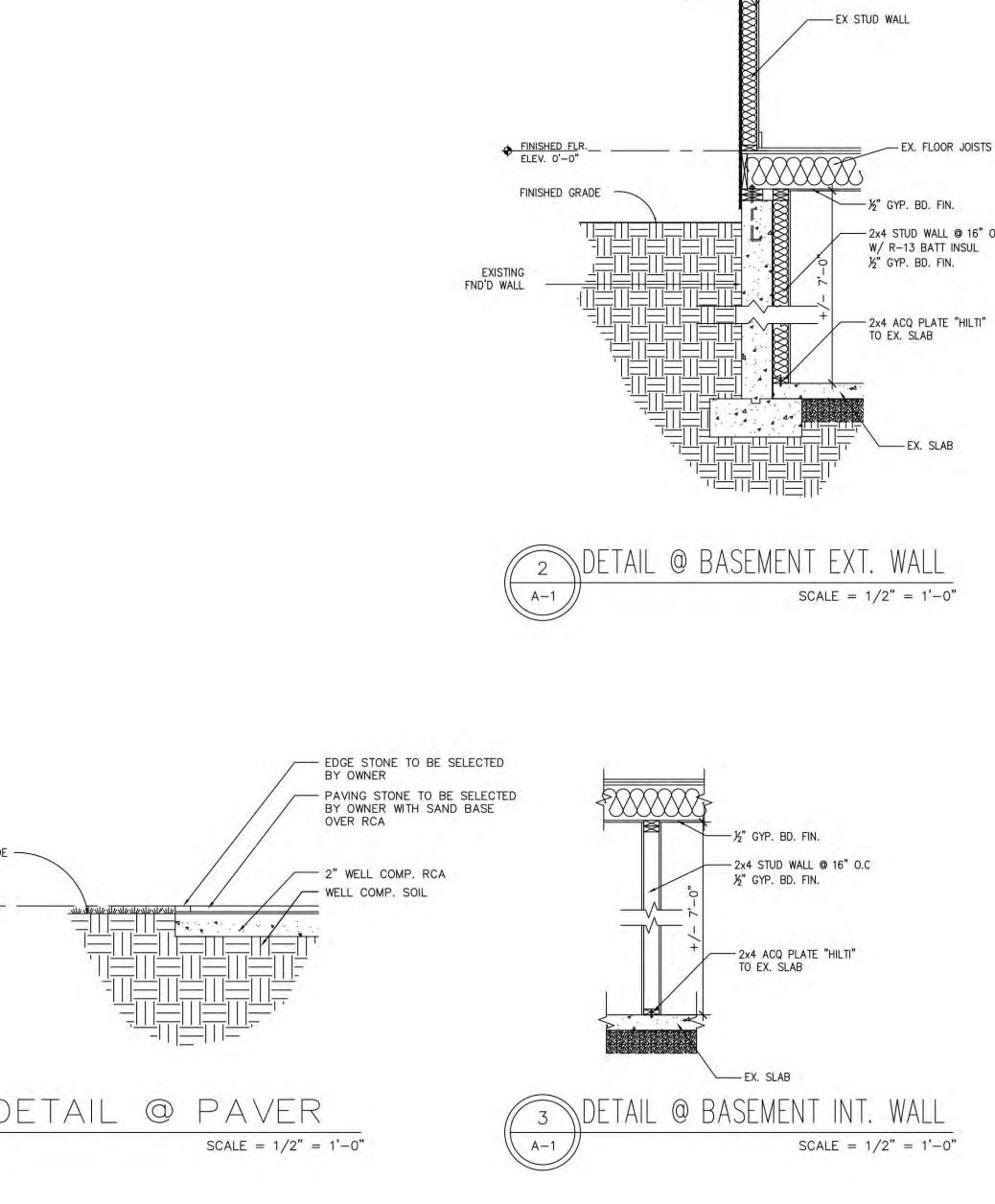
- . ALL INTERIOR DOOR STYLE AND FINISH AS PER OWNER, SEE PLANS FOR SIZE.
- 2. ALL INTERIOR DOORS & FRAMED OPENINGS TO BE MIN. 4" OFF ALL CORNERS.
- 3. ALL EXTERIOR DOORS MANUFACTURE TO BE SELECTED BY OWNER. SEE
- PLANS FOR SIZE. 4. ALL EXTERIOR DOORS TO HAVE ADVANCED E-LOW INSULATED GLASS

CONTRACTOR.

5. SHOP DRAWINGS TO BE PREPARED FOR APPROVAL PRIOR TO ORDERING. 6. ALL DOOR SIZES TO BE FIELD VERIFIED WITH GENERAL

WINDOW NOTES

- ALL WINDOWS TO BE BY ANDERSEN 400 SERIES, SEE WINDOW SCHEDULE FOR TYPE, SIZE, & MODEL NO.
- 2. ALL GLASS TO BE ADVANCED LOW E INSULATED, WITH SDL GRILLS AS PER ELEVATIONS.
- 3. SHOP DRAWINGS TO BE PREPARED FOR APPROVAL PRIOR TO ORDERING.
- ALL WINDOW SIZES TO BE FIELD VERIFIED WITH G.C. 4. ALL BEDROOM WINDOWS MEET EGRESS REQUIREMENTS AND 5. CONFORM TO NYS RES CODE. SUCH OPENING SHALL NOT IMPEDE EGRESS IN AN EMERGENCY, SHALL HAVE A MIN. AREA OF 5.7 SQ.FT, WITH A MIN. DIMENSION OF 20" WIDTH / 24" HEIGHT WITH BOTTOM OF OPENING NO HIGHER THAN 3'-6" ABOVE FINISHED FLOOR.



NEW PARTITION NOTES:

1. INTERIOR WALLS ARE TO BE 2"X4" D.F. (U.O.N.)

W/ 5/8" GYPSUM BOARD ON EACH SIDE OF

WALL BOARD ON ALL WALLS & CEILINGS AT

STUD FILL W/ ROXUL COMFORT BATTS

2. PROVIDE 1/2" MOISTURE RESISTANT GYPSUM

FINISHED GRADE -

♦ FINISHED FLR. ELEV. +0'-0"

4

A-1

- 3. PROVIDE 1/2" MOISTURE RESISTANT GYPSUM WALL BOARD ON WALLS & CEILINGS AT ALL BATHROOMS.
 - 4. PROVIDE 1/2" CEMENT BOARD ON WALLS & CEILINGS AT ALL SHOWERS AND BATH TUBS.

THE BASEMENT LEVEL.

- 5. PROVIDE 2"X6" STUDS AT ALL PLUMBING WALLS AND WALLS CONTAINING POCKET DOORS.
- 6. SHEER WALLS TO BE 2"X6" WITH 1/2" PLYWOOD ONE SIDE 8D NAILS 6" O/C EDGE AND 12" O/C FIELD

NOTES: (FOR NEW CONSTRUCTION)

- 1. PROVIDE (2) JACK STUDS AT ALL OPENING HEADERS UNLESS
- OTHERWISE NOTED. 2. ALL GLASS AT SHOWER AND BATHTUB ENCLOSURES AND WINDOWS TO
- BE TEMPERED AS PER R.308.4 OF THE NYS RES CODE. 3. ALL HABITABLE SPACES MEET OF EXCEED 8% LIGHT AND 4% CLEAR
- VENTILATION AREA.
- 4. ASSUMED 1.5 TSF SOIL BEARING CAPACITY V.I.F. 5. USE HEAVY DUTY HANGERS FOR ENGINEERED LUMBER
- 6. PROVIDE SOLID BLOCKING BETWEEN JOISTS UNDER ALL WALLS ABOVE 7. PSL'S MAY BE SUBSTITUTED FOR LVL'S OF SAME DEPTH TO ACHIEVE
- REQUIRED WIDTH 8. ALL DOUBLED OR GREATER LVL'S TO BE BOLTED TOGETHER W/ 1/2 DIA.
- BOLTS @12" O.C. STAGGERED 9. SEE ELECTRICAL PLANS FOR SMOKE AND CARBON DETECTOR LOCATIONS 10.SEE DETAILS SHEETS FOR WOOD FRAMING, STRAPPING, CONCRETE, AND
- STEEL DETAILS
- 11.DOUBLE FLOOR JOIST UNDER WALLS PARALLEL ABOVE

HEADER SCHEDULE NOTE: FOR NEW DOOR & WINDOW HEADERS NOT INDICATED ON PLAN								
SIZE OF OPENING	REQUIRED MEMBER							
UP TO 3'-6"	(2) 2" × 8"							
UP TO 6'-0"	(2) 2" × 10"							
UP TO 8'-0"	(2) 2" X 12"							
USE (2) 2"X4" F	R POST NOT SPECIFIED: POST FOR OPENINGS < 6'- POST FOR OPENINGS > 6'-							

EX. FLOOR JOISTS

- 2x4 STUD WALL @ 16" O.C.

		LEGEND
		DENOTES POST ABOVE
2.1		NEW (3) 2"X4" POST U.O.N.
	۵	NEW SIMPSON HD-5 OR EQ. HOLD DOW
		DENOTES NEW STRUCTURAL MEMBERS
		EXISTING WALL TO REMAIN
	[]	EXISTING WALL/FIXTURE TO BE REMOVED
		NEW WALL
'-0" '-0"	$\sum_{i=1}^{N_{i}} \frac{1}{i} \sum_{i=1}^{N_{i}} \frac{1}{i} \sum_{i$	NEW CONCRETE FOUNDATION WALL ON CONCRETE FOOTING

BUILT WITHOUT BASEMENT

757 ANNA AVE. WESTBURY, N.Y. 11590

Tax Map #:

Section: 10Block: 208Lot: 7

ENGINEER: MICHAEL ANGELONE PE LLC MICHAEL ANGELONE **4 POND PLACE** OYSTER BAY, N.Y. 11771 TEL.:516.922.2024 FAX: 516.453.6002

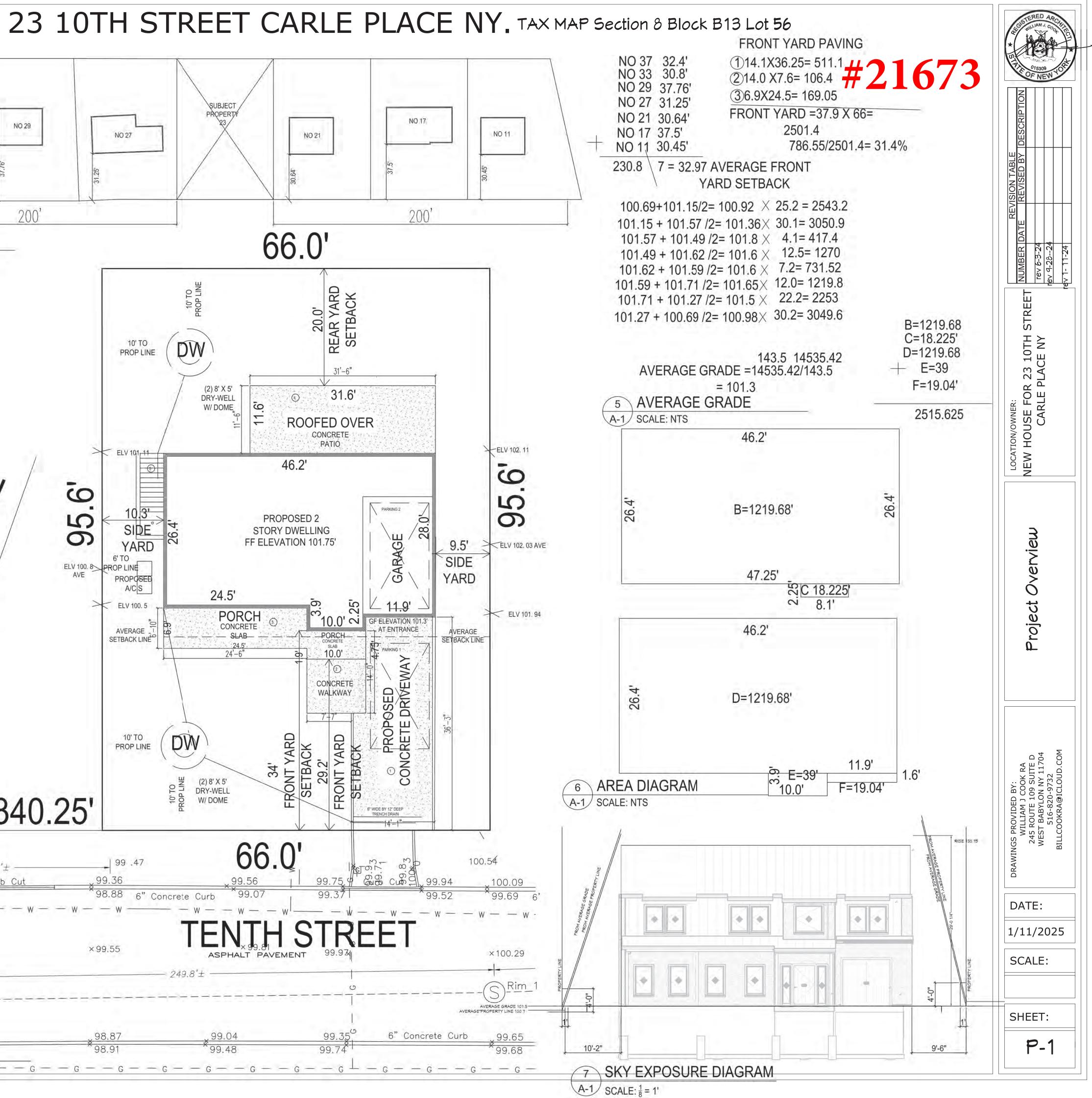
CONSULTANT:

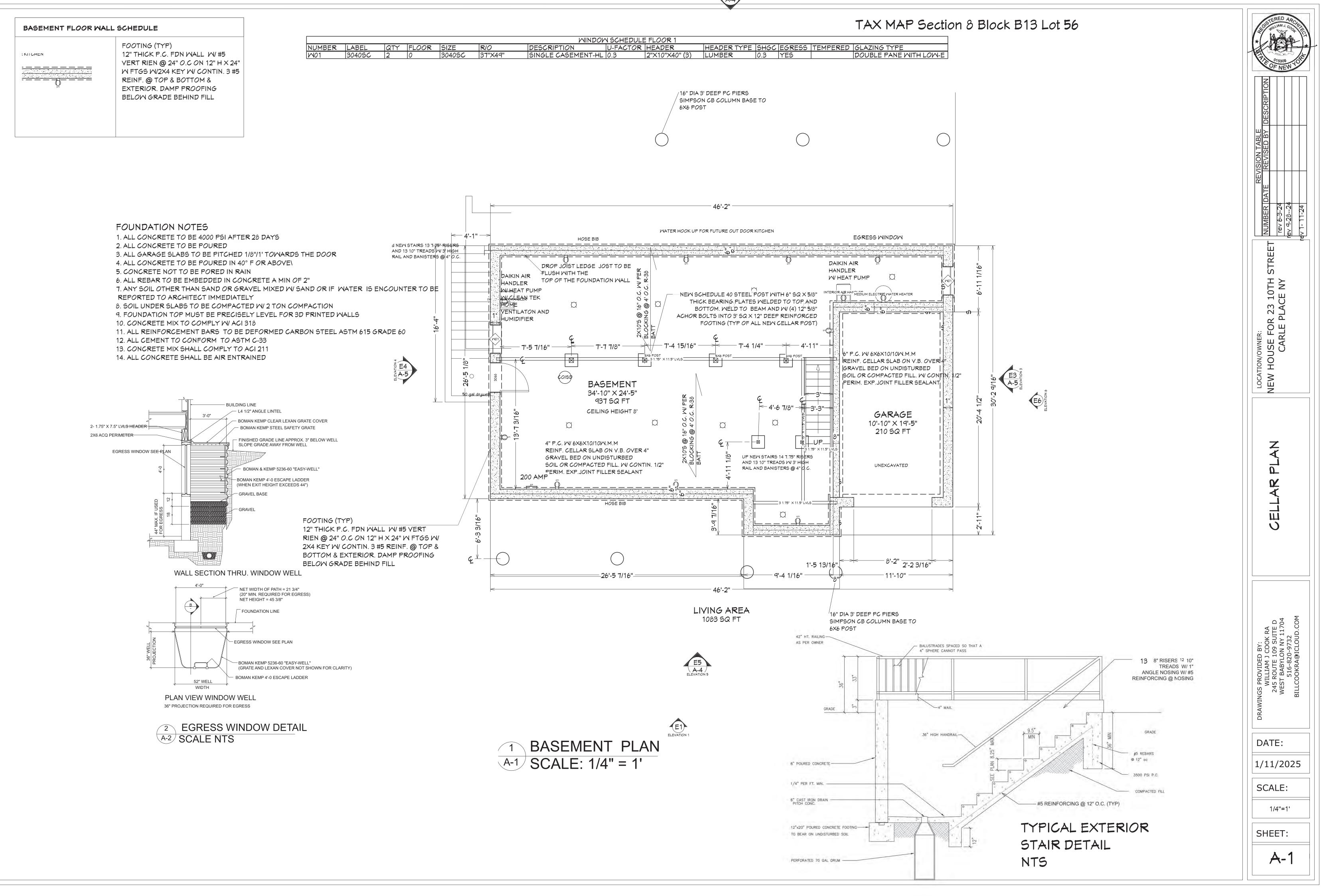


Contractor must verify all measurements and conditions prior to beginning any work. Report all discrepancies to the Engineer in writing. Plans subject to approval by all governmental agencies having jurisdiction. The Engineer has not been retained for any field supervision or inspection. His responsibility is limited to the accuracy of the plan. The Engineer is further not responsible for any damage arising out of the contractor's failure to execute the work exactly as shown on the approved drawing(s).

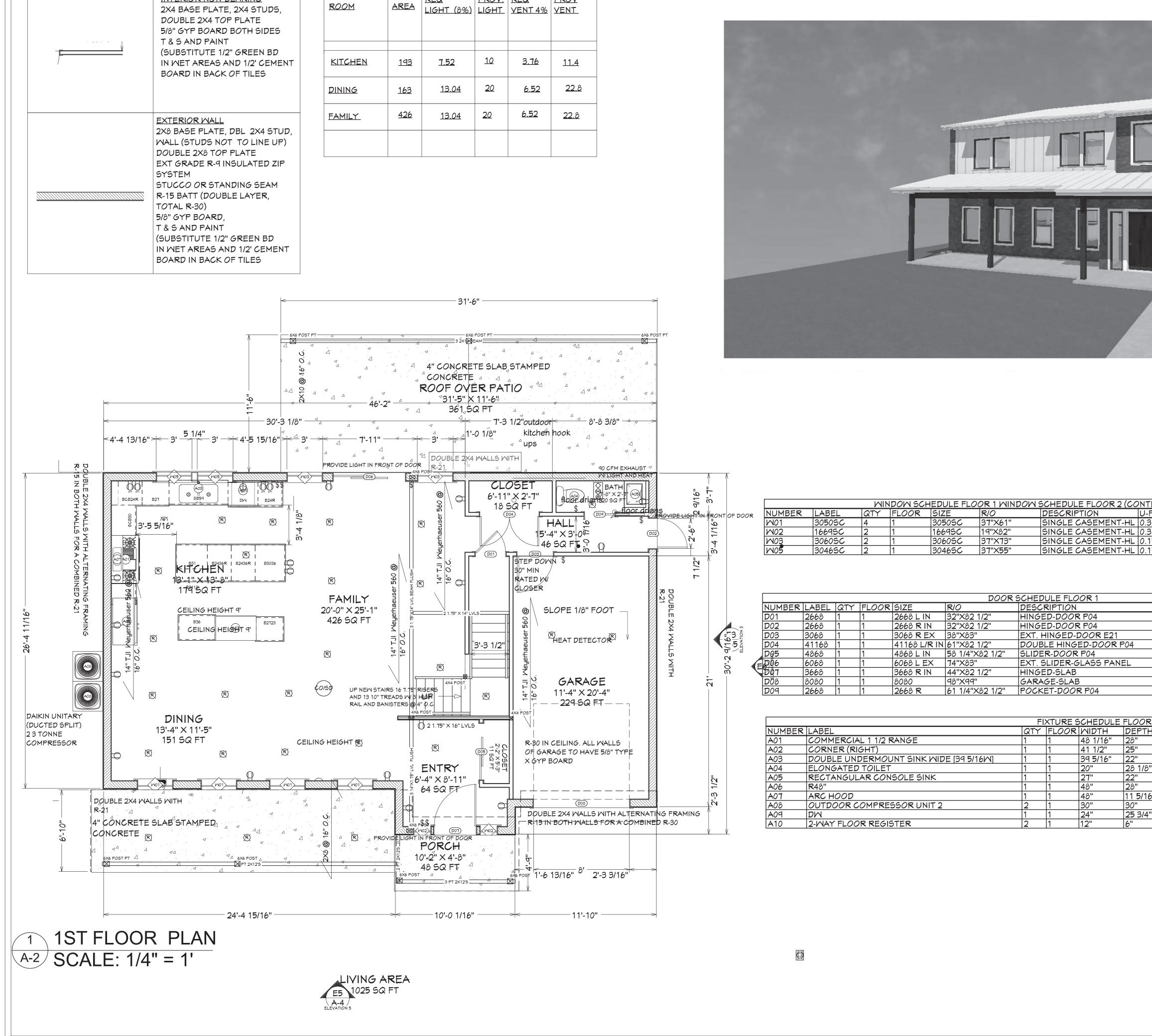
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SEAL:
DO NOT SCALE DRAWINGS ALL RIGHTS RESERVED All drawings, specifications, and copies thereof furnished by the Architect and his Consultants are and shall remain their property. They are not to be used on this or any other project unless written permission is given by the Engineer and his Consultants. © COPYRIGHT 2024
2 DISAPPROVED Carlos Reyes 1/21/2024 2 08-01-24 Construction Documents 1 06-20-24 Field Measure
No. Date Remark REVISIONS
Title: BUILT WITHOUT
BASEMENT PLAN
& DETAILS
Drawn by:RMChecked by: MAADate:06/20/24Scale: As NotedJob No.:.
Drawing No.
A-1

	FIRST FLOOR (PROPOSED)	L INC DOCT			
		1,120 SUF1			
	ECOND FLOOR: (PROPOSED)	1.126 SQFT			
	OTAL EXISTING				
Important in the second sec	TOTAL (PROPOSED)				
The Net and the Net of t	FAR	2515.625 / 6;309 SQFT = 39.9%	2,839		-
	LOT COVERAGE (PROPOSED)	1,833.7/ 6,309 SOFT = 29.1%	30% or 1892.88		
Interview Image:	FRONT YARD SETBACK	34 TO HOUSE 28-9' TO PORCH	32.97 TO HOUSE	NO 37 NO 33	
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RETE ALL	ROOF+PAVERS 24. <u>3" OF RAINFALL =</u> TOTAL OF (4) 8' DI. CONCRETE DOME COVER	30.03 3.1 3.1 3.1 3.1 3.1 3.1 21 A. X 5' RINGS REQUIRED	NOTE: A X R^2 X $4' = CU. FT.$ A X 3.67^2 X $5' = 211 CU. FT.$ 1 CU. FT. X $4 = 844$ NOTE: ALL CONCRETE 4000 PSI MIN - USE PORTLAND CEMENT - PURE RAIN WATER ONLY HEAVY DUTY FAME & GRATE OR SOLID COVER. NISH GRADE BACKFILL C OR D BRICK OR PRECAST COLLAR, PARGE. WATERTIGHT COMPACTED POROUS FILL BACKFILL - 36" MIN. FILTER FABRIC LINING FULL DEPTH, AROUND ENTIRE. DRAIN STRUCTURE. PRECAST CONC. DRAINAGE RINGS REINFORCED W/ 6X8 WWF COMPACTED SUBGRADE REMOVE ALL CLAY ENCOUNTERED DUBING EXCAVATION. PROVIDE GMIN. PENETRATION	W $6X6X10/10W.M.M$ 4" MEDIUM RCA RCA COMPACTED IN 2" LIFTS 2 TONNE COMPACTED EARTH 4 PAVEMENT DETAIL A-1 SCALE: NTS 114.1X36.25=511.1 214.0 X7.6=106.4 36.9X24.5=169.05 4 11.6 X31.6=366.56 B=1219.68' E=39' F=19.04'	
	ROOF+PAVERS 24. 3" OF RAINFALL = TOTAL OF (4) 8' DIA CONCRETE DOME COVER 1/8" PER FOOT. 6' TION INTO STRATA OF D GRAVEL. (SUBLI) HUGG AUG (SUBLI) HU	30.03 30.03 3.1 3.7 607.5 CU. FT. 21 A. X 5' RINGS REQUIRED FIN FIN FIN FIN FIN FIN FIN FIN	A X R ² X 4' = CU, FT. 4 X 3.67 ² X 5' = 211 CU. FT. 1 CU. FT. X 4 = 844 NOTE: -ALL CONCRETE 4000 PSI MIN -USE PORTLAND CEMENT - PURE RAIN WATER ONLY HEAVY DUTY FAME & GRATE OR SOLID COVER. USH GRADE BACKFILL C OR D BRICK OR PRECAST COLLAR, PARGE. WATERTIGHT COMPACTED POROUS FILL BACKFILL - 36" MIN. FILTER FABRIC LINING FULL DEPTH, AROUND ENTIRE. DRAIN STRUCTURE. PRECAST CONC. DRAINAGE RINGS REINFORCED W/ SX8 WWF COMPACTED SUBGRADE REMOVE ALL CLAY ENCOUNTERED DURING EXCAVATION. PROVIDE GMIN. PENETRATION OF RATEABLE SOIL. WATER DETAILS GROUT WITH MANUFACTURER'S VINYL SEALANT IN ACCORDANCE WITH MANUFACTURER'S VINYL SEALANT IN ACCORDANCE WITH MANUFACTURER'S VINYL SEALANT IN ACCORDANCE WITH MANUFACTURER'S VINYL	W & KEX 10/10/WAM TCA COMPACTED W 2' LIFTS 2 TONNE COMPACTED EARTH	99.3 99.3
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M WASTE PIPE. EXTEND TO DRYWELL	ROOF+PAVERS 24	30.03 30.03 3.1 3.7 607.5 CU. FT. 21 A. X 5' RINGS REQUIRED FIN FIN FIN FIN FIN FIN FIN FIN	A X R ² X 4' = CU. FT. 4 X 3.67 ² X 5' = 211 CU. FT. 1 CU. FT. X 4 = 844 NOTE: -ALL CONCRETE 4000 PSI MIN -USE PORTLAND CEMENT - PURE RAIN WATER ONLY HEAVY DUTY FAME & GRATE OR SOLID COVER. ISH GRADE BACKFILL C OR D BRICK OR PRECAST COLLAR, PARGE. WATERTIGHT COMPACTED POROUS FILL BACKFILL -36' MIN. FILTER FASRIC LINING FULL DEPTH, AROUND ENTIRE. DRAIN STRUCTURE. PRECAST CONC. DRAINAGE RINGS REINFORCED W/ 6X8 WWF COMPACTED SUBGRADE REMOVE ALL CLAY ENCOUNTERED DURING EXCAVATION. PROVIDE SMIN. PENETRATION OF RATEABLE SOIL. WATER DETAILS GROUT WITH MANUFACTURER'S VINYL SEALANT IN ACCORDANCE WITTEN INSTRUCTIONS	W EXECTOROWALM TCA COMPACTED ELATIN A* 2 LETS 2 TONNE COMPACTED ELATIN (1) 14.1 X36.25= 511.1 (2) 14.0 X7.6= 106.4 (3) 6.9 X24.5= 169.05 (4) 11.6 X31.6=366.56 (B=1219.68' (E=39' (F=19.04' 2430.03 ON 4" V W	99.1 98.7
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LIGHT & VENT CALCULATIONS

REQ

PROV. REQ PROV

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2ND FLOOR WALL LEGEND

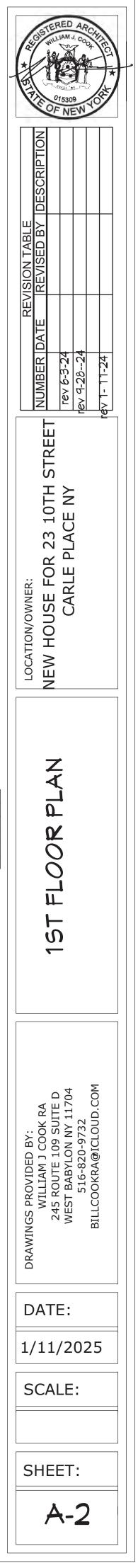
INTERIOR NON-BEARING

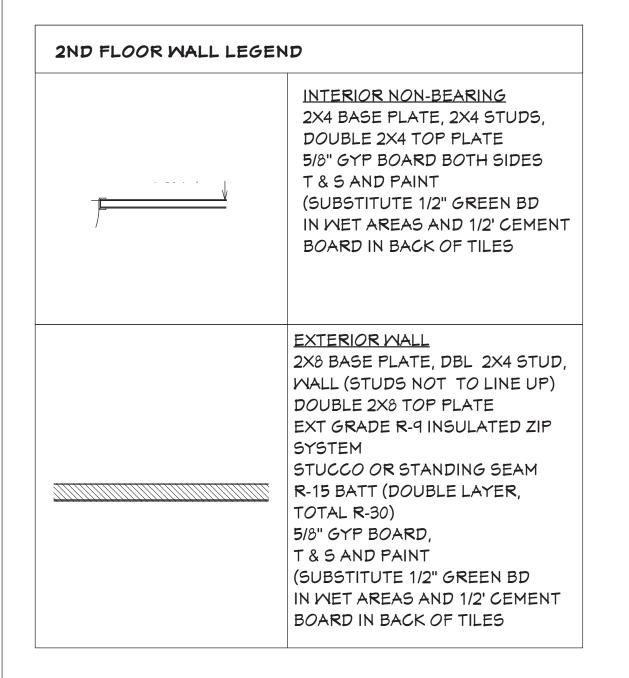
					DOOR	SCHEDULE FLOOR 1		
NUMBER	LABEL	QTY	FLOOR	SIZE	R/0	DESCRIPTION	HEADER	HEADER TYPE
D01	2668	1	1	2668 L IN	32"X82 1/2"	HINGED-DOOR P04	2"×6"×35" (2)	LUMBER
D02	2668	1	1	2668 R IN	32"X82 1/2"	HINGED-DOOR P04	2"×10"×35" (4)	LUMBER
D03	3068	1	1	3068 R EX	38"X83"	EXT. HINGED-DOOR E21	2"×6"×41" (2)	LUMBER
D04	41168	1	1	41168 L/R IN	61"X82 1/2"	DOUBLE HINGED-DOOR P04	2"×6"×64" (2)	LUMBER
D@5	4868	1	1	4868 L IN	58 1/4"X82 1/2"	SLIDER-DOOR P04	2"X8"X61 1/4" (2)	LUMBER
Dê6	6068	1	1	6068 L EX	74"X83"	EXT. SLIDER-GLASS PANEL	2"×10"×77" (4)	LUMBER
D06 D07 D08	3668	1	1	3668 R IN	44"X82 1/2"	HINGED-SLAB	2"×6"×47" (2)	LUMBER
DÖB	8080	1	1	8080	98"X99"	GARAGE-SLAB	1 1/2"×14"×104" (4)	LVL
D09	2668	1	1	2668 R	61 1/4"X82 1/2"	POCKET-DOOR P04	2"×6"×64 1/4" (2)	LUMBER

	FIXTURE SCHEDULE FLOOR 1								
NUMBE	RLABEL	QTY	FLOOR	MIDTH	DEPTH	HEIGHT	DESCRIPTION		
A01	COMMERCIAL 1 1/2 RANGE	1	1	48 1/16"	28"	41 1/2"	COMMERCIAL 1 1/2 RANGE		
A02	CORNER (RIGHT)	1	1	41 1/2"	25"	41"	CORNER (RIGHT)		
A03	DOUBLE UNDERMOUNT SINK WIDE [39 5/16W]	1	1	39 5/16"	22"	21 1/16"	DOUBLE UNDERMOUNT SINK WIDE [39 5/16W]		
A04	ELONGATED TOILET	1	1	20"	28 1/8"	29 7/8"	ELONGATED TOILET		
A05	RECTANGULAR CONSOLE SINK	1	1	27"	22"	36"	RECTANGULAR CONSOLE SINK		
A06	R48"	1	1	48"	28"	80"	DOUBLE DOOR REFRIGERATOR 2		
A07	ARC HOOD	1	1	48"	11 5/16"	38 1/8"	ARC HOOD		
A08	OUTDOOR COMPRESSOR UNIT 2	2	1	30"	30"	34 11/16"	OUTDOOR COMPRESSOR UNIT 2		
A09	DW	1	1	24"	25 3/4"	34"	DISHWASHER 1		
A10	2-WAY FLOOR REGISTER	2	1	12"	6"	9/16"	2-WAY FLOOR REGISTER		



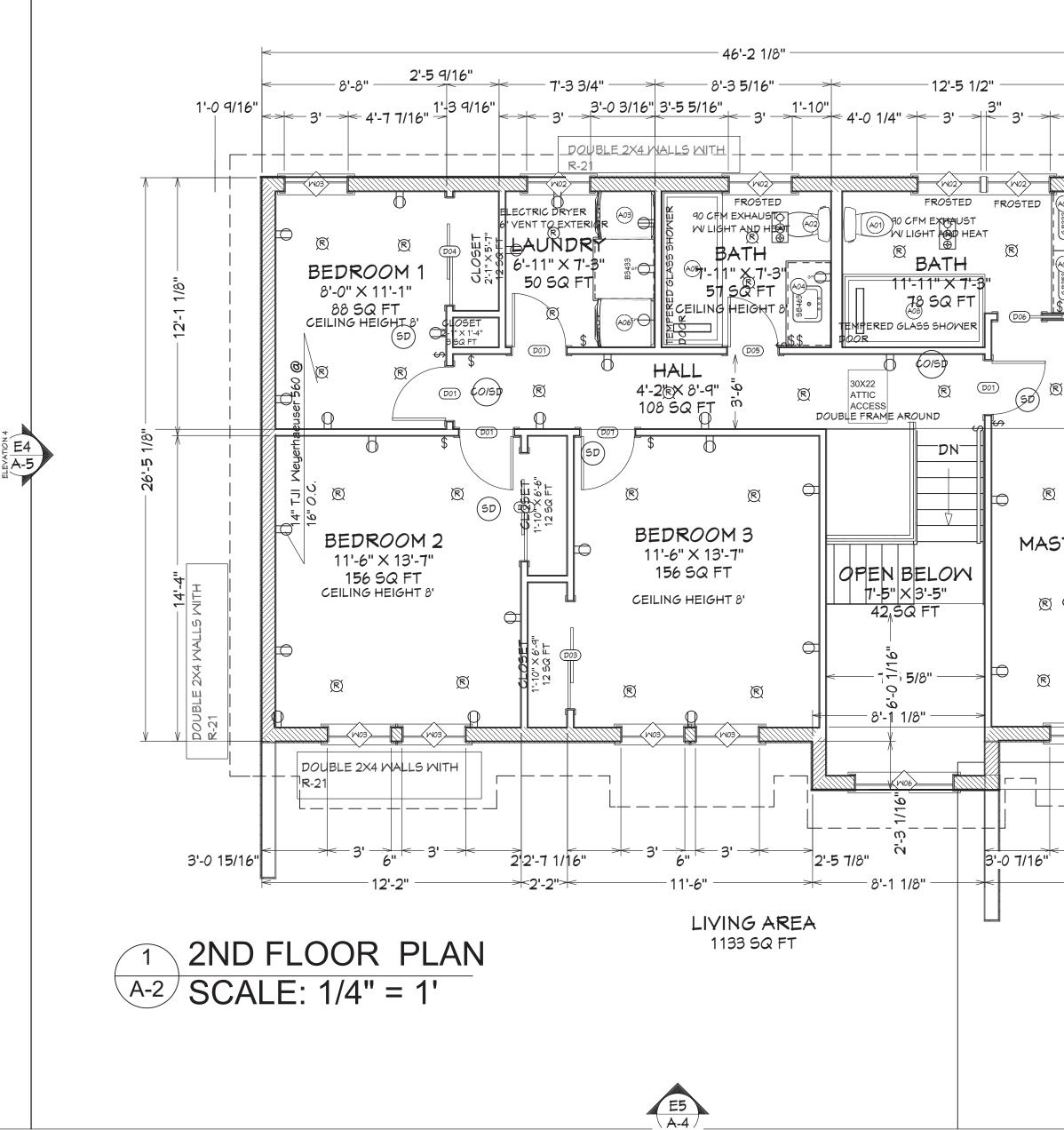
TEMPORA	RY COLLECTION C	CASEMENT) ZOE	-E-SHE	ILD GLASS	5 (TRIPLE PAI	N)
FACTOR	HEADER	HEADER TYPE	SHGC	EGRESS	TEMPERED	GLAZING TYPE
3	2"×10"×40" (4)	LUMBER	0.3			TRIPLE PANE WITH LOW-E
3	2"×6"×22" (2)	LUMBER	0.3			DOUBLE PANE WITH LOW-E
15	2"×10"×40" (4)	LUMBER	0.3		YES	TRIPLE PANE WITH LOW-E
15	2"×10"×40" (4)	LUMBER	0.3			TRIPLE PANE WITH LOW-E





LIGHT & VENT CALCULATIONS

ROOM	AREA	<u>REQ</u> LIGHT (8%)	<u>PROV.</u> LIGHT	REQ VENT 4%	PROV
BEDROOM 1	94	7.52	10	<u>3.76</u>	<u>11.</u>
BEDROOM 2	<u>163</u>	<u>13.04</u>	20	<u>6.52</u>	22
BEDROOM 3	<u>163</u>	<u>13.04</u>	20	<u>6.52</u>	22.
MASTER BEDROOM	<u>180</u>	14	20	I	22.



PROV VENT

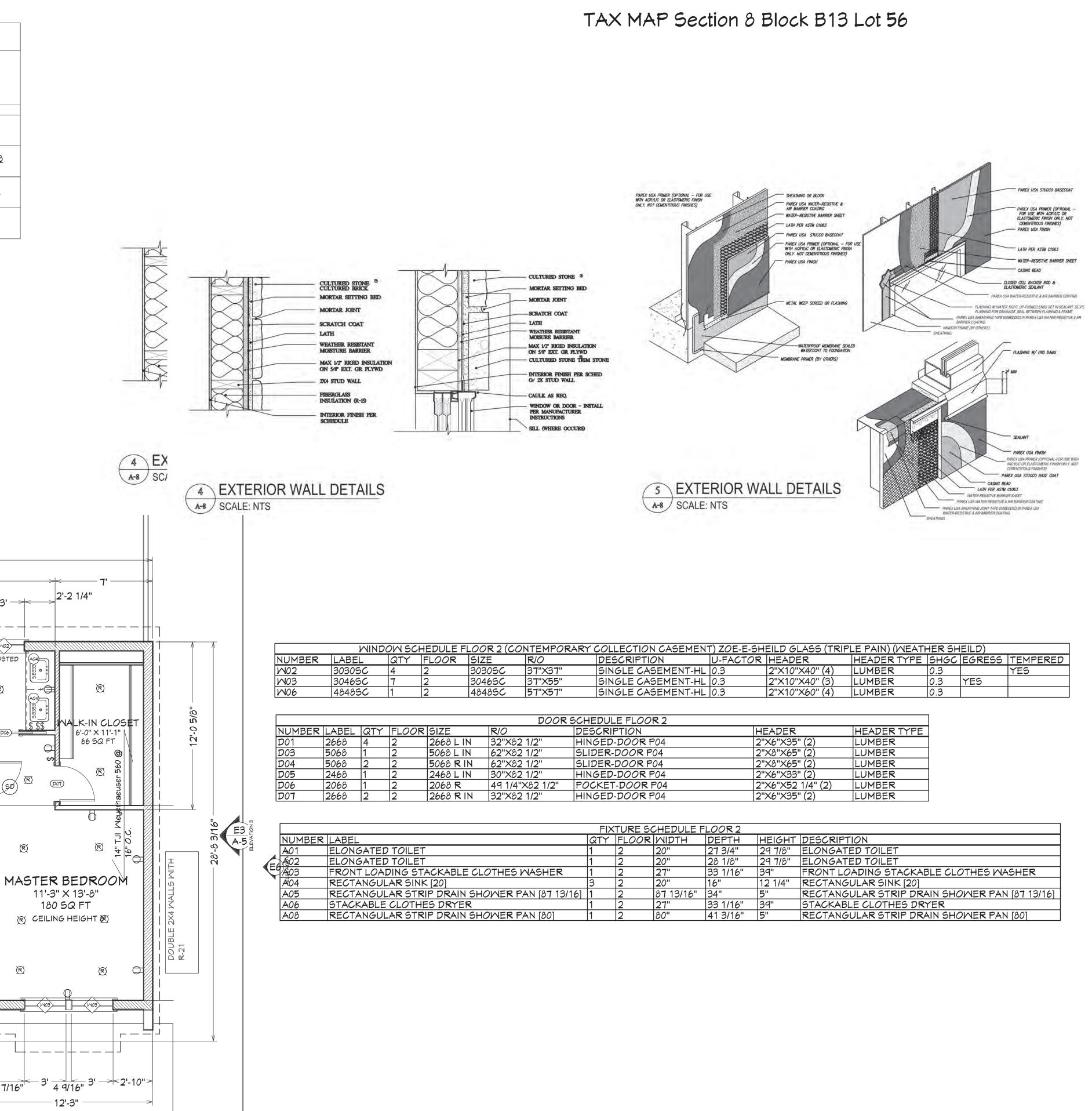
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- <u>22.8</u>
- <u>22.8</u> <u>22.8</u>

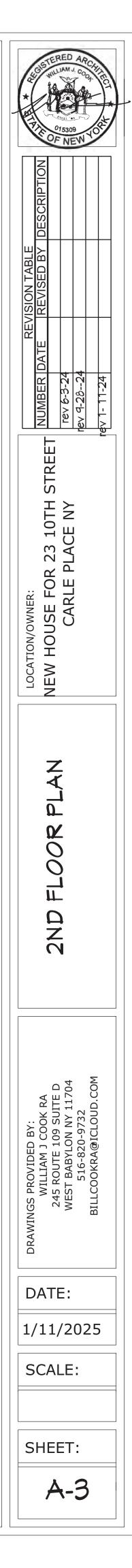
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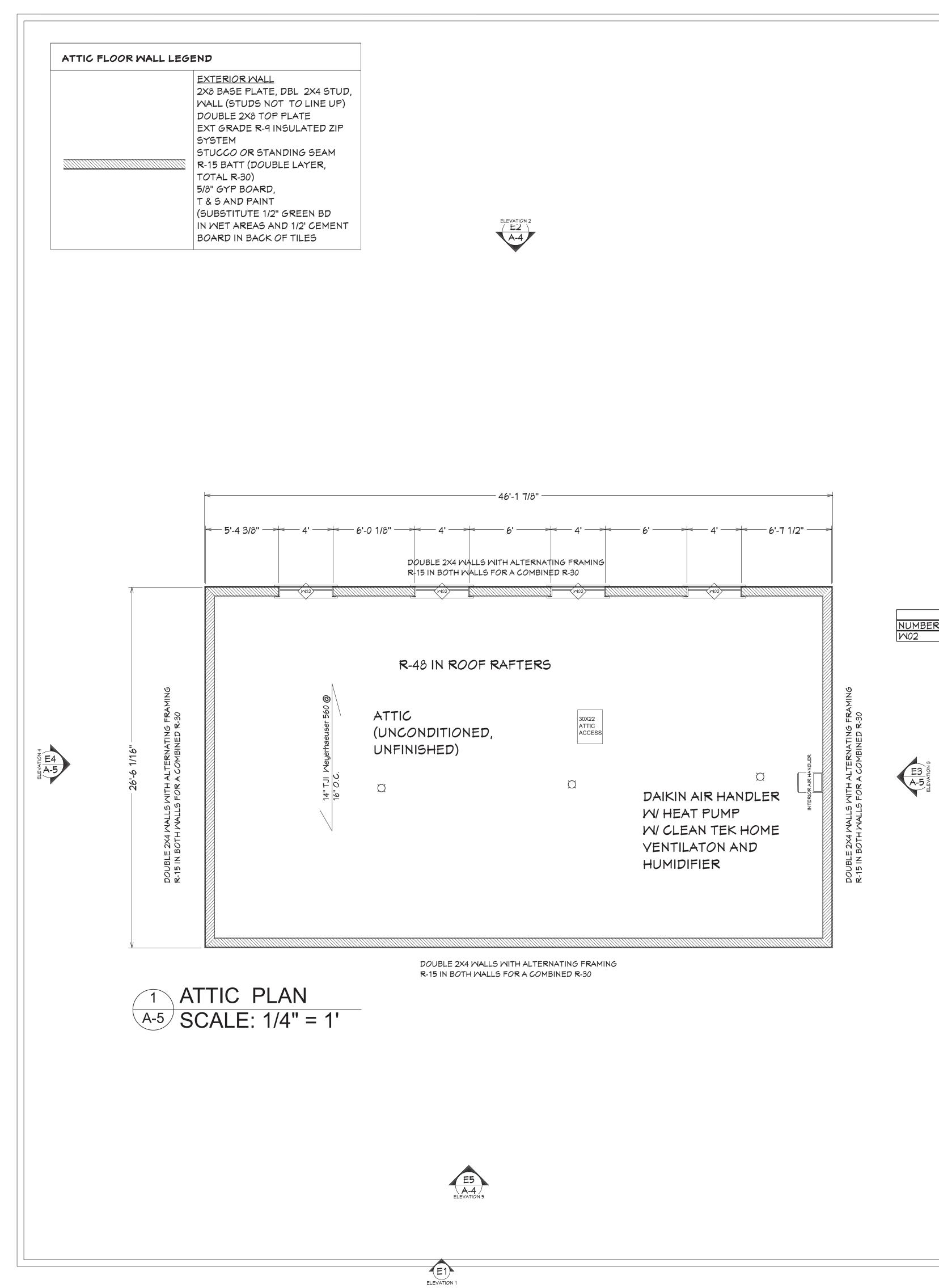
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HEDULE FLOOR 2							
NIDTH	DEPTH	HEIGHT	DESCRIPTION				
0"	27 3/4"	29 7/8"	ELONGATED TOILET				
0"	28 1/8"	29 7/8"	ELONGATED TOILET				
7"	33 1/16"	39"	FRONT LOADING STACKABLE CLOTHES WASHER				
0"	16"	12 1/4"	RECTANGULAR SINK [20]				
7 13/16"	34"	5"	RECTANGULAR STRIP DRAIN SHOWER PAN [87 13/16]				
7"	33 1/16"	39"	STACKABLE CLOTHES DRYER				
0"	41 3/16"	5"	RECTANGULAR STRIP DRAIN SHOWER PAN [80]				





				MINE	OW SCHEDULE	E FLOOR ATTIC (MEATHE	ER SHEILD T	RIPLE GLAZING)			
NUMBER	LABEL	QTY	FLOOR	SIZE	R/0	DESCRIPTION	U-FACTOR	HEADER	HEADER TYPE	SHGC EGRESS	TEMPERED
W02	4020FX	4	3	4020FX	49"X25"	FIXED GLASS	0.3	2"X8"X52" (4)	LUMBER	0.3	
	•			•	•		•	• • • •		• •	•

E6 BE6 PUDLEA

Section	8	Block	B13	Lot 56
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AND ARCHARCE
PTEOFNEW YOR
REVISION TABLE NUMBER DATE REVISED BY DESCRIPTION rev 6-3-24 ev 4-2824 ev 4-2824 ev 4-2824 ev 4-2824 ev 4-2824
LOCATION/OWNER: NEW HOUSE FOR 23 10TH STREET CARLE PLACE NY
DRAWINGS PROVIDED BY: WILLIAM J COOK RA 245 ROUTE 109 SUITE D WEST BABYLON NY 11704 516-820-9732 BILLCOOKRA@ICLOUD.COM
DATE:
1/11/2025
SCALE:
SHEET:
A-3A



FRONT ELEVATION A-1 SCALE: 1/4" = 1'





A-4 SCALE: 1/4" = 1'



-22 GAUGE STANDING SEAM METAL ROOFING

-22 GAUGE STANDING SEAM METAL SIDING

WETHER SHIELD TRIPLE GLAZED WINDOWS

-6X6 COMPOSITE POST

INSULATED COMPOSITE GARAGE DOOR

-CULTERED STONE

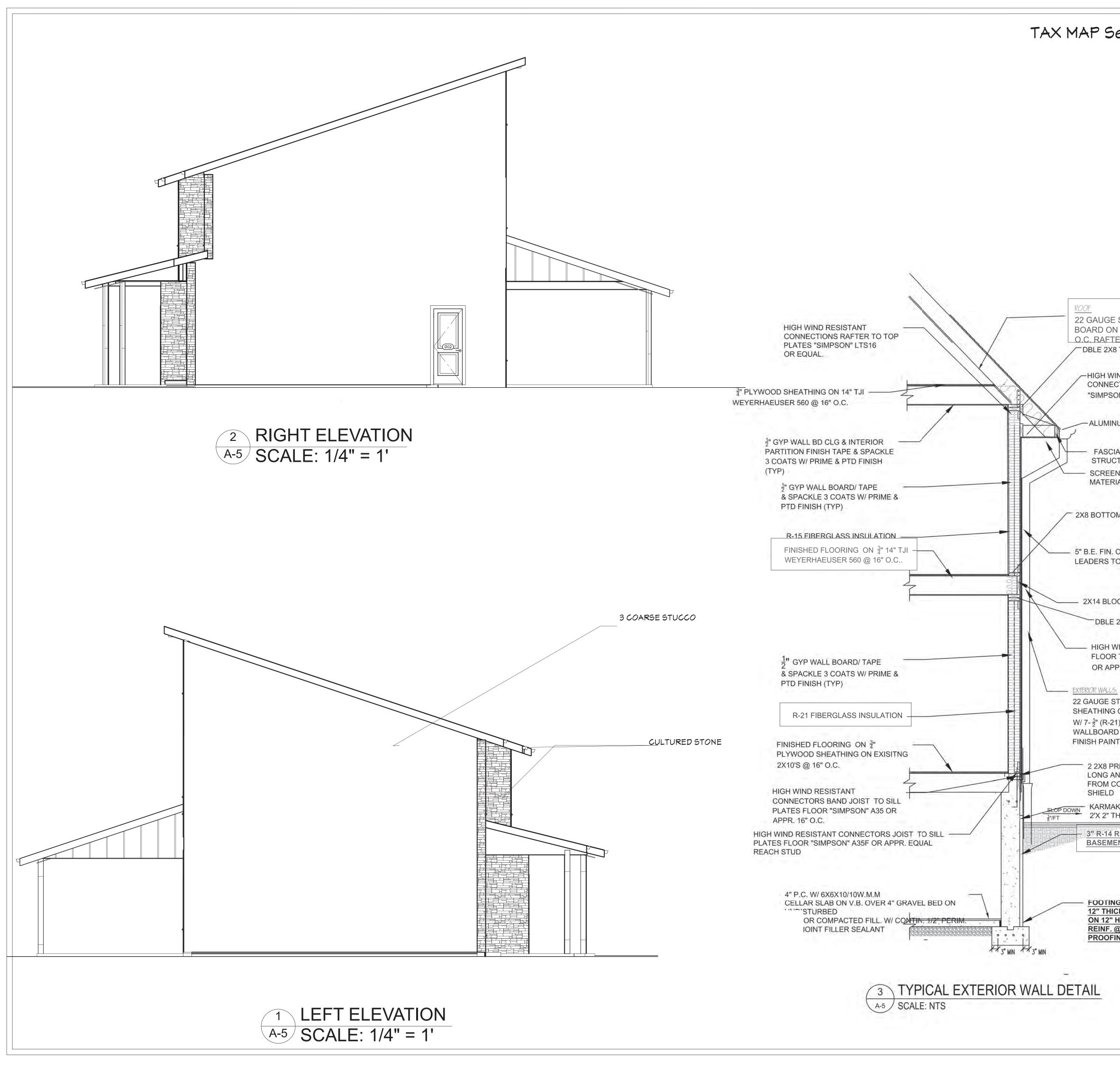
-22 GAUGE STANDING SEAM METAL ROOFING

-22 GAUGE STANDING SEAM METAL SIDING

WETHER SHIELD TRIPLE GLAZED WINDOWS

-6X6 COMPOSITE POST

ALL STERED ARCHINE
REVISION TABLE NUMBER DATE REVISION TABLE rev 6-3-24 REVISED BY DESCRIPTION rev 4-2824 Intervention Intervention
LOCATION/OWNER: NEW HOUSE FOR 23 10TH STREET CARLE PLACE NY
ELEVATION 1
DRAWINGS PROVIDED BY: WILLIAM J COOK RA 245 ROUTE 109 SUITE D WEST BABYLON NY 11704 516-820-9732 BILLCOOKRA@ICLOUD.COM
DATE: 1/11/2025 SCALE: 1/4"=1'
SHEET: A-4



22 GAUGE STANDING SEAM ROOF ON ⁵/₈" ZIP BOARD ON 14" TJI WEYERHAEUSER 560 @ 16" O.C. RAFTERS W/ RAFTERS W/ R-38 BATT DBLE 2X8 TOP PLATE

HIGH WIND RESISTANT CONNECTORS FLOOR TO FLOOR "SIMPSON" MTS16 OR APPR. EQUAL

-ALUMINUM DRIP EDGE

FASCIA TRIM OVER 2X6'S STRUCTURAL SUB FASCIA SCREENED VENTED BEADED VINYL SOFFIT MATERIAL W/ REQ. TRIM ON 2X6 FRAMING

2X8 BOTTOM PLATE

5" B.E. FIN. ON ALUM. GUTTERS & LEADERS TO SPLASH BLOCKS

- 2X14 BLOCKING

DBLE 2X8 TOP PLATE

HIGH WIND RESISTANT CONNECTORS FLOOR TO FLOOR "SIMPSON" MTS16 OR APPR. EQUAL

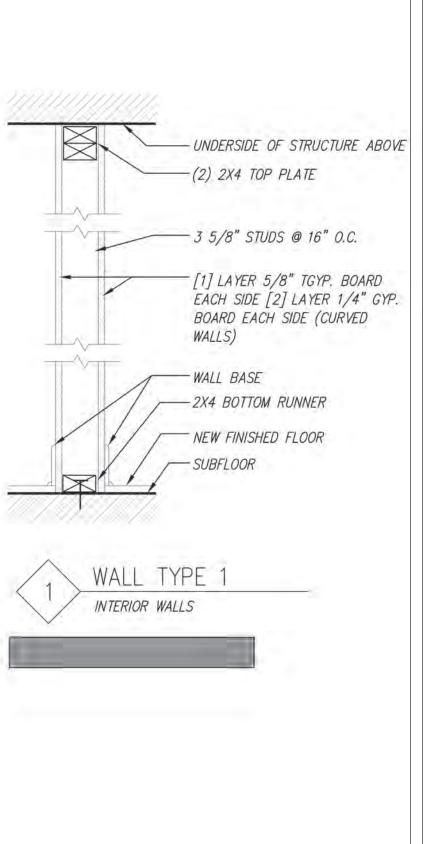
22 GAUGE STANDING SEAM ROOF ON §" ZIP BOARD ON SHEATHING ON DBL 2X4 STUDS @ 16 O.C. STUD WALL W/ 7-¹/₂" (R-21) FIBERGLASS INSULATION 5/8" GYPSUM WALLBOARD TAPE AND SPACKLE 3 COATS PRIME AND FINISH PAINTED

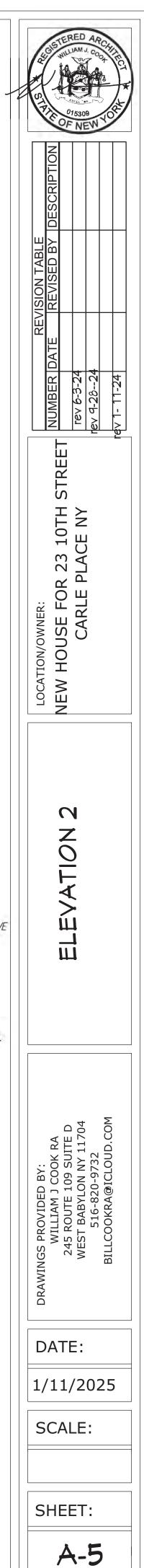
2 2X8 PRESSURE TRTD WD SILL PLATES W/8""Ø X 16" LONG ANCHOR BOLTS 2'-0" MAX. O.C. AND 2' AWAY FROM CORNERS W/ CONTINUOUS COPPER TERMITE SHIELD

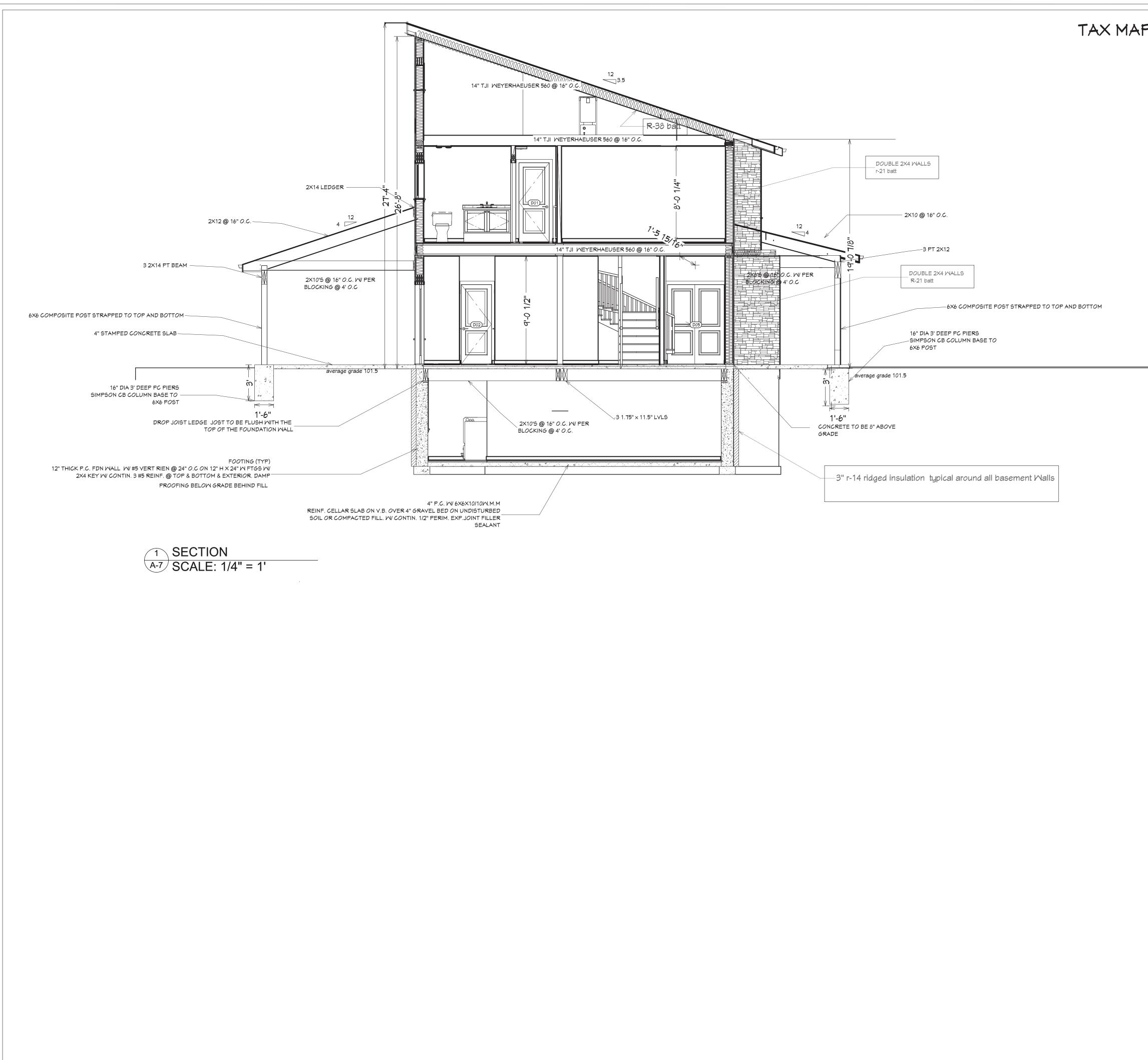
SLOP DOWN VIET XX 2" THICK DIGIT 2'X 2" THICK RIGID PERIMETER INSULATION

> 3" R-14 RIDGED INSULATION TYPICAL AROUND ALL BASEMENT WALLS

FOOTING (TYP) 12" THICK P.C. FDN WALL W/ #5 VERT RIEN @ 24" O.C ON 12" H X 24" W FTGS W/2X4 KEY W/ CONTIN. 3 #5 REINF. @ TOP & BOTTOM & EXTERIOR. DAMP PROOFING BELOW GRADE BEHIND FILL

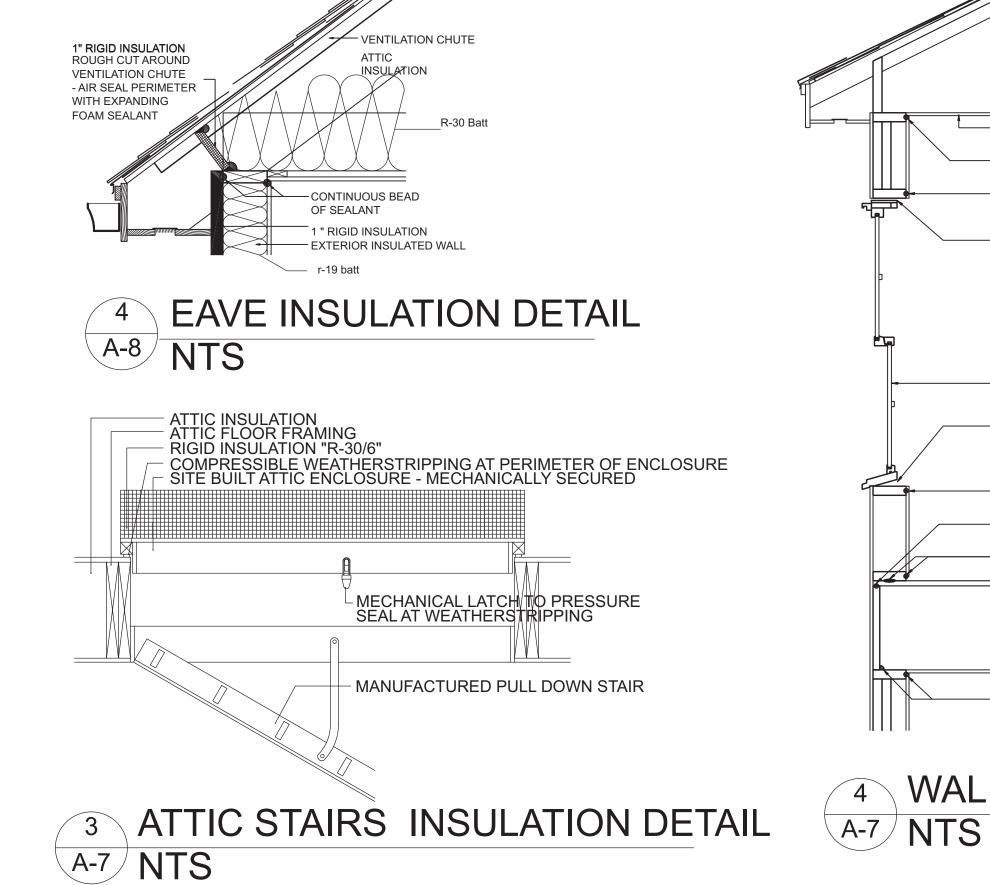


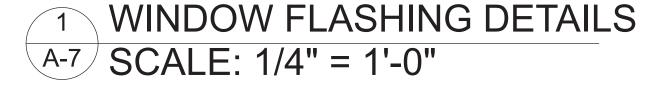


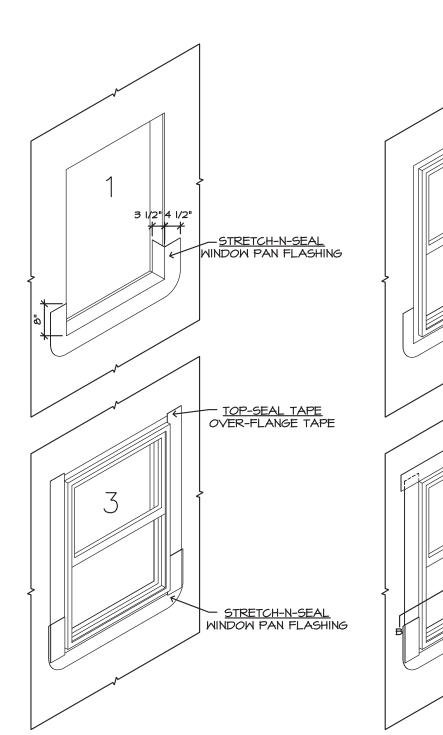


BILLIAM J. COOT
REVISION TABLE NUMBER DATE REVISED BY DESCRIPTION rev 6-3-24 Eev 6-3-24 Eev 6-3-24 rev 1- 11-24 Eev 1- 11-24 Eev 1- 11-24
LOCATION/OWNER: NEW HOUSE FOR 23 10TH STREET CARLE PLACE NY
SECTIONS AND ROOF PLAN
DRAWINGS PROVIDED BY: WILLIAM J COOK RA 245 ROUTE 109 SUITE D WEST BABYLON NY 11704 516-820-9732 BILLCOOKRA@ICLOUD.COM
DATE: 1/11/2025 SCALE: 1/4"=1' SHEET:
A-6

TAX MAP Section 8 Block B13 Lot 56







4 WALL SEALING DETAIL

- CONTINUOUS BEAD OF SEALANT

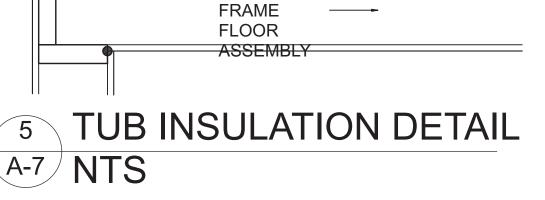
CONTINUOUS BEAD OF SEALANT - CONTINUOUS BEAD OF ADHESIVE - CONTINUOUS BEAD OF SEALANT

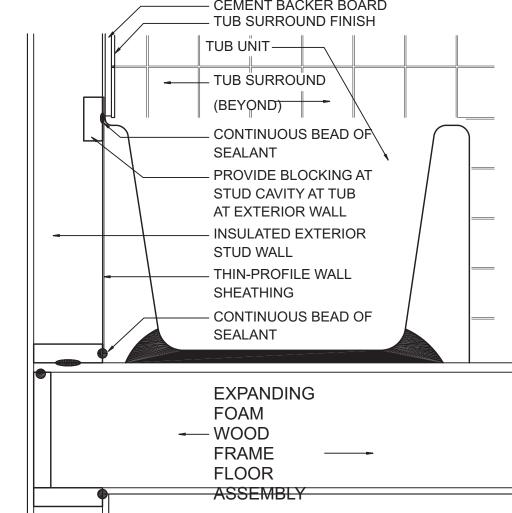
- WINDOW UNIT AS AIR BARRIER CONTINUOUS MINIMAL EXPANDING FOAM AT WINDOW PERIMETER

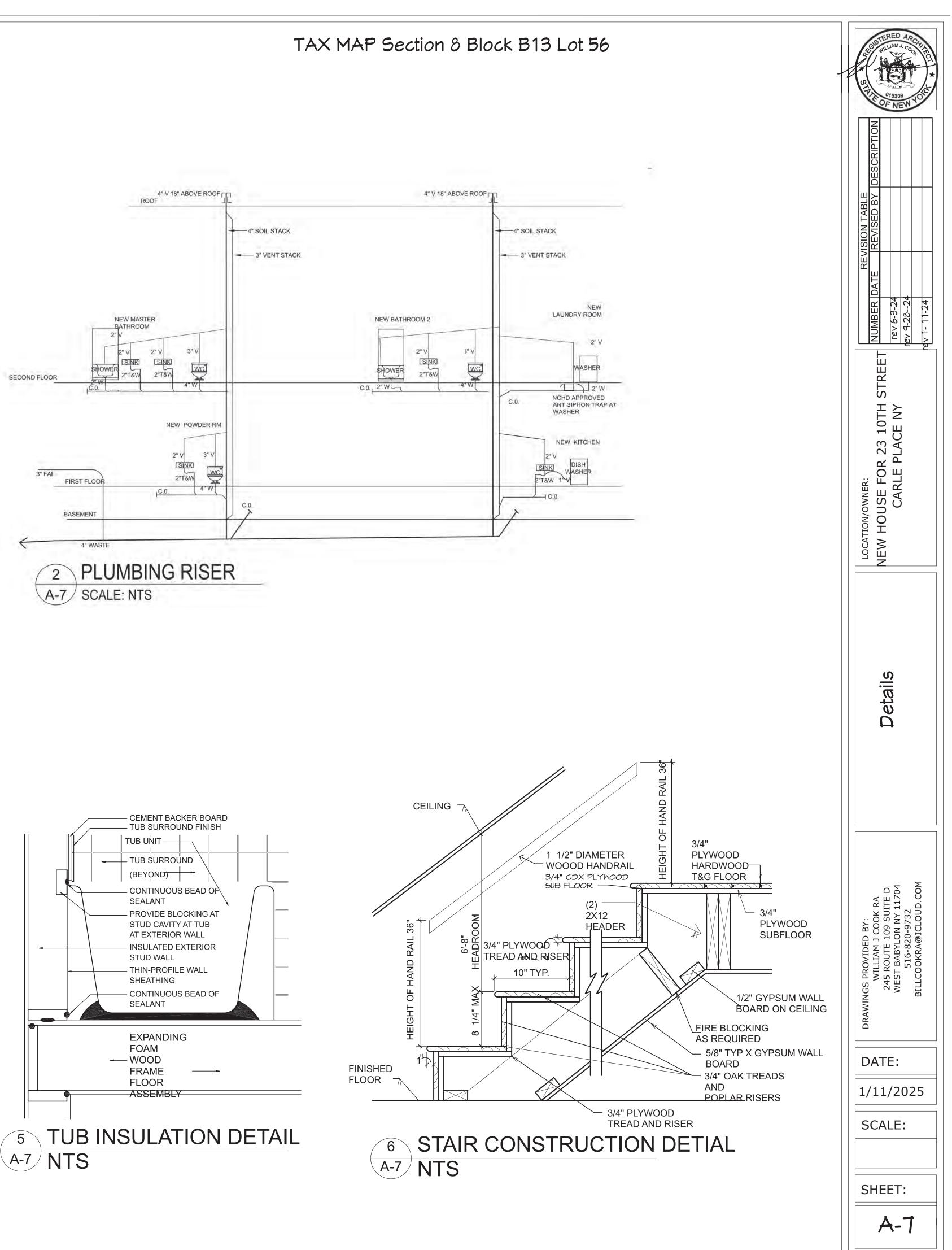
- CONTINUOUS MINIMAL EXPANDING FOAM AT WINDOW PERIMETER

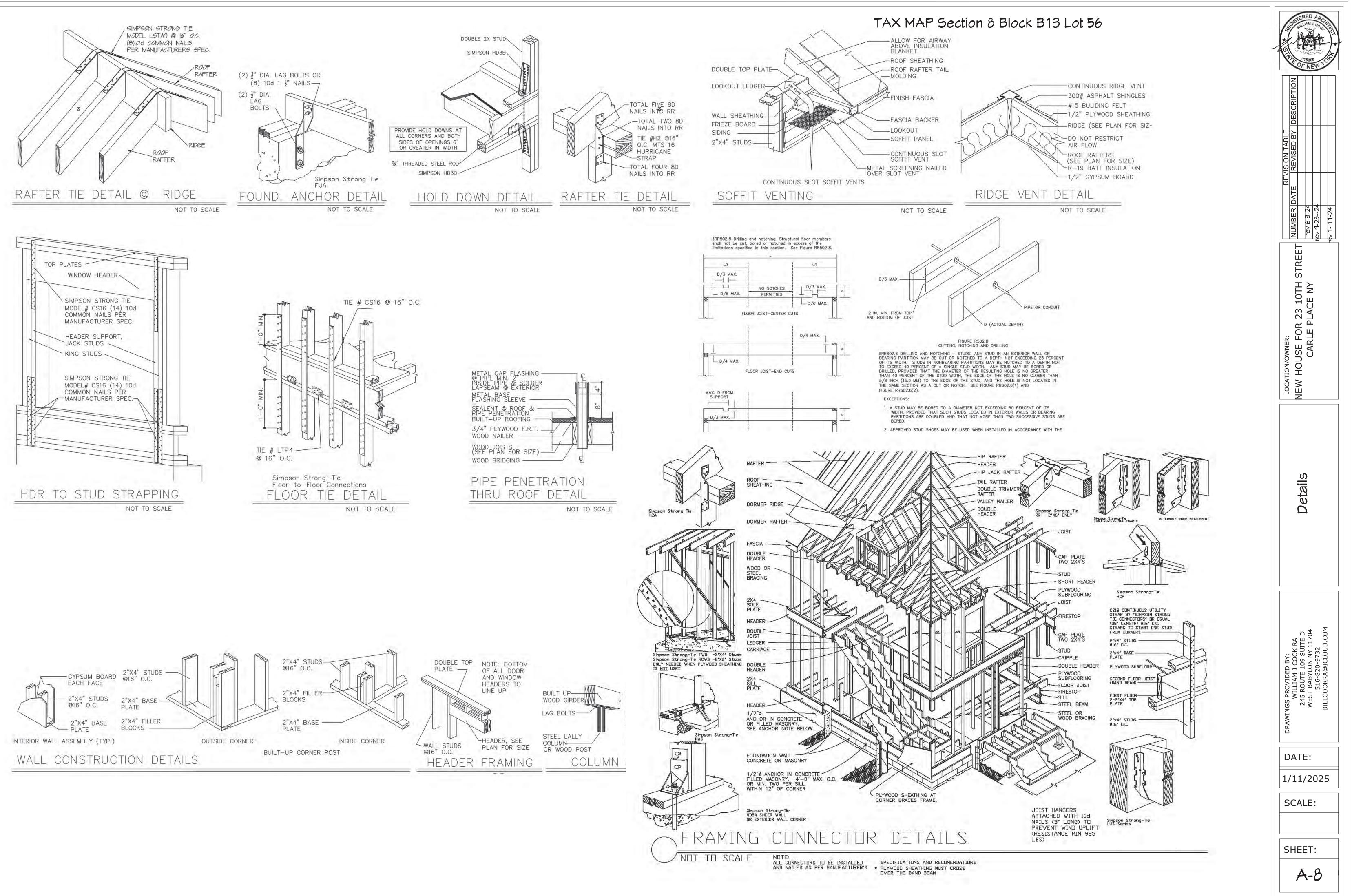
— CEILING GYPSUM BOARD AS AIR BARRIER — CONTINUOUS BEAD OF SEALANT - CONTINUOUS BEAD OF SEALANT

<u>STRETCH-N-SEAL</u> WINDOW PAN FLASHING <u>TOP-SEAL TAPE</u> OVER-FLANGE TAPE









APPLICABLE CODES 2020 RESIDENTIAL CODE OF NYS 2020 PLUMBING CODE OF NYS 2020 FUEL AND GAS CODE OF NYS 2020 FIRE CODE OF NYS 2020 ENERGY CONSERVATION CODE OF NYS

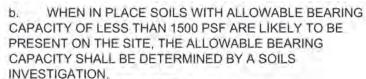
GENERAL NOTES: DIVISION 1 GENERAL REQUIREMENTS

- 1.CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD DO NOT SCALE DRAWINGS. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- 2.GENERAL NOTES AND TYPICAL DETAILS APPLY. THROUGHOUT THE JOB. **3.CONTRACTOR IS RESPONSIBLE FOR**
- CONSTRUCTION MEANS AND METHODS. NO LACK OF DETAIL OR SPECIFICATION EXCUSES CONTRACTOR FROM COMPLYING WITH ALL APPLICABLE CODES AND REGULATIONS. 4.NO WORK IS TO COMMENCE BEFORE ALL
- PROPER BUILDING PERMITS AND OTHER APPLICABLE PERMITS ARE OBTAINED. 5.ALL PLUMBING WORK IS TO BE PERFORMED BY
- A LICENSED PLUMBER UNDER THE JURISDICTION HE/SHE IS WORKING. PLUMBER MUST FILE FOR PLUMBING PERMIT AND OBTAIN ALL INSPECTIONS AND APPROVALS FOR THE PLUMBING WORK.
- 6.ALL ELECTRICAL WORK IS TO BE PREFORMED BY A LICENSED ELECTRICIAN IN THE JURISDICTION OF THE WORK, AT THE COMPLETION OF THE WORK ELECTRICIAN IS TO OBTAIN UNDERWRITERS CERTIFICATE OR ANY OTHER APPROVED CERTIFICATION BY THE
- LOCAL JURISDICTION. 7.ALL MECHANICAL PLUMBING AND ELECTRICAL WORK MUST BE COORDINATED BY THE GENERAL CONTRACTOR.
- 8.ALL FOOTINGS TO BEAR ON VIRGIN COMPACTED SOIL WITH THE BEARING CAPACITY OF 1 TON PER SQUARE FOOT. DEPTH OF FOOTING IS DETERMINED BY LOCAL JURISDICTION (SEE TABLE BELOW)
- 9.ALL CONCRETE IS TO OBTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI. AFTER 28 DAYS 5 TO 7% AIR ENTRAPMENT PER R.402.2 . 10 DO NOT BACKFILL FOUNDATION UNTIL THE FIRST
- FLOOR FRAMING HAS BEEN INSTALLED OR THE WALLS ARE ADEQUATELY BRACED. 11.ALL STRUCTURAL STEEL TO BE MIN A-36
- CONFORM TO STANDARDS OF THE LATEST AISC MANUAL. PAINT ALL NEW STEEL WITH RUST INHIBITIVE PRIMER AND PAINT.
- 12. ALL CONSTRUCTION LUMBER IS TO BE NO 2 OR BETTER DOUGLAS FIR WITH A MIN. BENDING STRENGTH OF 850PSI.
- 13. ALL WINDOW AND DOOR OPENING HEADERS TO BE 2- 2X8'S WITH 3" PLYWOOD BETWEEN EACH UNLESS OTHERWISE NOTED.
- 14. ALL POST TO BE A MIN 3- 2X4'S SPIKED TOGETHER WITH 16D NAILS.
- 15. DOUBLE JOIST UNDER ALL WALLS, PROVIDE BRIDGING AT 7'-0" O.C. 16. ALL TRUSSES AND LAMINATED BEAMS TO BE
- INSTALLED PER MANUFACTURERS, DETAILS & RECOMMENDATIONS. 17. CONTRACTOR TO VERIFY CONDITION OF ALL
- EXISTING BEARING WALLS AND REPLACE IF DAMAGED. 18. PROVIDE FLASHING AT ALL EXTERIOR OPENINGS AND AT SURFACE SURFACE
- BETWEEN ROOF AND WALLS, PROVIDE ICE & WATER SHIELD AS MEASURED FROM EAVE'S EDGE
- TO A POINT AT LEAST 24-INCHES FROM THE INSIDE FACE OF INTERIOR WALL. ICE SHIELD SHALL ALSO BE PLACED WITHIN ALL VALLEYS AT 36-INCHES MINIMUM
- 19. PROVIDE SILICONIZED ACRYLIC CAULKING BETWEEN ANY DISSIMILAR MATERIALS. 20. CONTRACTOR TO VERIFY ALL ROUGH
- OPENINGS FOR WINDOWS, DOORS, AND OPENINGS IN WALLS, FLOORS AND ROOF. DOUBLE FRAME AT ALL OPENINGS. UNLESS OTHERWISE NOTED ALL WINDOWS, GLASS DOORS AND SKYLIGHTS TO BE "ANDERSON" WITH LOW "E" INSULATED GLASS.
- 21. EXTEND ALL CHIMNEYS 2'-0" MIN ABOVE ANY COMBUSTIBLE MATERIAL WITH IN 10'-0". VERIFY HEIGHT WITH LOCAL JURISDICTION. ALL BATHROOM WINDOWS, STAIRWAY WINDOWS OR WINDOWS 18" BELOW FLOOR MUST BE TEMPERED GLASS.
- 22. ALL FINISHES TO BE SELECTED BY OWNER 23. CONTRACTOR IS TO REMOVE AND LEGALLY DISPOSE OF ALL DEBRIS FROM SITE.
- 24. RICO2.4 FACTORY BUILT FIREPLACES AND CHIMNEYS FOR THE USE WITH THE SAME SHALL COMPLY WITH THE REQUIREMENTS OF UL 127, NFPA 211, R1002.1 & R1003.1.
- 25. ALL LUMBER IN CONTACT WITH MASONRY OR CONCRETE MUST BE TREATED LUMBER.
- 26. HANDRAILS/ RAILINGS AND GUARDRAILS ARE TO CONFORM WITH NFPA 101 & NYS BUILDING CODE. 27. GAS PIPING AND APPLIANCES TO COMPLY WITH
- NFPA 54. TABLE R 401.4.1

PRESUMPTIVE LOAD BEARING VALUES OF FOUNDATION MATERIALS

LOAD BEARING PRESSURE CLASS OF MATERIAL 12000 PSF CRYSTALLINE BEDROCK SEDIMENTARY AND FOLIATED ROCK 4000 PSF 3000 PSF SANDY GRAVEL AND/ OR GRAVEL (GW & GP) SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL AND CLAYEY GRAVEL 2000 PSF (SW, SP, SM, SC, GM, & GC) CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT AND SANDY SILT 1500 PSF (CL, ML, MH AND CH)

a. WHEN SOIL TEST ARE REQUIRED BY R401.4 THE ALLOWABLE BEARING CAPACITIES OF THE SOIL SHALL BE PART OF THE RECOMMENDATIONS.





Climate zone is 4a INTERIOR SPACES INTENDED FOR HUMAN OCCUPANCY SHALL BE PROVIDED WITH INDOOR TEMPERATURE OF NOT LESS THAN 68 DEGREES FARENHEIT AT A POINT 3 FEET ABOVE THE FLOOR ON THE DESIGN HEATING DAY

(2020 IMC 309.1) SYTEM DESIGN SHALL BE BASED ON MAX 72 DEGREES HEATING, MINIMUM 75 DEGREES COOLING DEGREE DAYS (NY LAGUARDIA) 4811, WINTER DESIGN TEMP 15, DRY BULB 89, WET BULB 75 (

R302.1.1 DESIGN CRITERIA: AREA LOCATED WHERE WIND SPEEDS ARE Exterior walls-wind loads a with flexible EQUAL OR EXCEEDS 130MPH. DESIGN CRITERIA BASED ON AMERICAN Lintels supporting masonry veneer wa FOREST AND PAPER ASSOCIATION (AF & PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS. (WFCM) 2001

FOR S1: 1 POUND PER SQUARE FOOT= .0479 KN/MxM (MILES PER HOUR= 1KM/HR

A. WEATHERING MAY REQUIRE A HIGHER STRENGTH OF CONCRETE OR GRADE OF MASONRY NECESSARY TO SATISFY THE STRUCTURAL REQUIREMENTS OF THE CODE.

- THE WEATHERING COLUMN SHALL BE FILLED IN WITH THE WEATHERING INDEX. (NEGLIGIBLE, MODERATE OR SEVERE)
- FOR CONCRETE AS DETERMINED FROM THE WEATHERING PROBABILITY MAP. (FIGURE R301.2.3). THE GRADE MASONRY UNITS
- SHALL BE DETERMINED FROM THE ASTM C34, C55.

2020 IPC APPDX D)

C62, C73, C90, C 129, C216, OR C652

B. THE FROST LINE DEPTH MAY REQUIRE DEEPER FOOTINGS THAN INDICATED IN FIGURER403.1(1). THE JURISDICTION SHALL FILL IN FROST LINE DEPTH COLUMN WITH THE MINIMUM DEPTH OF FOOTING BELOW THE FINISHED GRADE

C. THE JURISDICTION SHALL FILL IN UNDER "TERMITES" WITH VERY HEAVY, MODERATE TO HEAVY, SLIGHT TO MODERATE, OR PA) FOR FLOOR ASSEMBLIES, EXCEPT AS FURTHER LIMITED BY NONE TO SLIGHT IN ACCORDANCE WITH FIGURE R301.2(6) DEPENDING SECTION R301.2.2. DEAD LOADS FOR WALLS ABOVE GRADE ON WEATHER THERE IS A HISTORY OD LOCAL DAMAGE.

D. THE JURISDICTION SHALL FILL IN UNDER "DECAY" , MODERATE TO SEVERE, SLIGHT TO MODERATE, OR NONE TO SLIGHT IN ACCORDANCE WITH FIGURE R301.2(7) DEPENDING ON WEATHER

THERE IS A HISTORY OF LOCAL DAMAGE. E. THE JURISDICTION SHALL FILL IN THE WIND SPEED FROM THE BASIC WIND SPEED MAP FIGURE R301.2(4). WIND EXPOSURE

CATEGORY SHALL BE DETERMINED ON A SITE SPECIFIC BASIS IN ACCORDANCE WITH SECTION R 301.2.14 F. REFER TO TABLE RN1101.2 WINTER DESIGN DRY BULB

TEMPERATURE COLUMN. G. THE JURISDICTION SHALL FILL IN SEISMIC DESIGN CATEGORY

DETERMINED FROM SECTION R301.2.2.1

H. THE JURISDICTION SHALL FILL IN FLOOD HAZARD A. THE DATE THE JURISDICTION ENTERED INTO THE NATIONAL FLOOD (SEE LOCATIONS ON PLANS)

INSURANCE PROGRAM (DATE OF

ADOPTION OF THE FIRST CODE OR ORDINANCE FOR MANAGEMENT OF FLOOD HAZARD AREAS). B. THE DATES ARE CURRENTLY EFFECTIVE FIRM FBFM OR OTHER

FLOOD HAZARD MAP ADOPTED BY THE COMMUNITY AS MAY BE AMENDED. NOTE: SITE IS NOT IN A FLOOD ZONE.

I. SEE FIGURE R301.2(5) FOR GROUND SNOW LOADS

TABLE R301.5 MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS (in pounds per square foot)

USE	LIVE LOAD
Uninhabitable attics without storage b	10
Uninhabitable attics with limited storageb, g	20
Habitable attics and attics served with fixed stairs	30
Balconies (exterior) and decks (e)	40
Fire escapes	40
Guards and handrails (d)	200 h
Guard in-fill components (f)	50 h
Passenger vehicle garages (a)	50 a
Rooms other than sleeping rooms	40
Sleeping rooms	30
Stairs	40 c

For SI: 1 pound per square foot = 0.0479 kPa, 1 square inch = 645 mm2 1 pound = 4.45 N. a. Elevated garage floors shall be capable of supporting a 2,000-pound load

- applied over a 20-square-inch area. b. Uninhabitable attics without storage are those where the clear height
- between joists and rafters is not more than 42 inches, or where there are not two or more adjacent trusses with web configurations capable of accommodating an assumed rectangle 42 inches in height by 24 inches in width, or greater, within the plane of the trusses. This live load need not be assumed to act concurrently with any other live load requirements.
- c. Individual stair treads shall be designed for the uniformly distributed live load or a 300-pound concentrated load acting over an area of 4 square inches, whichever produces the greater stresses.
- d. A single concentrated load applied in any direction at any point along the top.
- e. See Section R507.1 for decks attached to exterior walls. f. Guard in-fill components (all those except the handrail), balusters and panel fillers shall be designed to withstand a horizontally applied normal load of 50 pounds on an area equal to 1 square foot. This load need not be
- assumed to act concurrently with any other live load requirement. q. Uninhabitable attics with limited storage are those where the clear height between joists and rafters is 42 inches or greater, or where there are two or more adjacent trusses with web configurations capable of accommodating an assumed rectangle 42 inches in height by 24 inches in width, or greater
- within the plane of the trusses. The live load need only be applied to those portions of the joists or truss bottom chords where all of the following conditions are met: 1. The attic area is accessed from an opening not less than 20 inches in
- width by 30 inches in length that is located where the clear height in the attic is not less than 30 inches. 2. The slopes of the joists or truss bottom chords are not greater than 2
- inches vertical to 12 units horizontal. 3. Required insulation depth is less than the joist or truss bottom chord member depth.
- The remaining portions of the joists or truss bottom chords shall be designed for a uniformly distributed concurrent live load of not less than 10 pounds per square foot.
- h. Glazing used in handrail assemblies and guards shall be designed with a safety factor of 4. The safety factor shall be applied to each of the concentrated loads applied to the top of the rail, and to the load on the infill components. These loads shall be determined independent of one another, and loads are assumed not to occur with any other live load.

TABLE R301.2.1.3 WIND SPEED CONVERSIONSa 110 115 120 130 140 150 160 170 180 190 200 85 89 93 101 108 116 124 132 139 147 155

For SI: 1 mile per hour = 0.447 m/s. a. Linear interpolation is permitted.

TABLE R3017 ALLOWABLE DEFLECTION OF STRUC STRUCTURAL MEMBER

Rafters having slopes greater than 3: finished ceiling not attached to rafte Interior walls and partitions AN IFIOORS

Ceilings with brittle finishes (including

and stucco) Ceilings with flexible finishes (including gy

board) All other structural members

Exterior walls-wind loadsa with plast stucco finish

Exterior walls—wind loads a with othe finishes

Note: L = span length, H = span height.

a. For the purpose of the determining defle shall be permitted to be taken as 0.7 time (ASD) loads obtained from Table R301.2(2). b For cantilever members, L shall be taken as twice the length of the

- cantilever. c. For aluminum structural members or panels used in roofs or walls of sunroom additions or patio covers, not supporting edge of glass or sandwich panels, the total load deflection shall not exceed L/60. For continuous aluminum structural members supporting edge of glass, the total load deflection shall not exceed L/175 for each glass lite or L/60 for
- sandwich panels used in roofs or walls of sunroom additions or patio covers, the total load deflection shall not exceed L/120. d. Deflection for exterior walls with interior gypsum board finish shall be limited to an allowable deflection of H/180. e. Refer to Section R703.8.2.

R301.2.2.2 WEIGHTS OF MATERIALS. AVERAGE DEAD LOADS SHALL NOT EXCEED 15 POUNDS PER SQUARE FOOT (720 PA) FOR THE COMBINED ROOF AND CEILING ASSEMBLIES (ON A HORIZONTAL PROJECTION) OR 10 POUNDS PER SQUARE FOOT (480

SHALL NOT EXCEED: FIFTEEN POUNDS PER SQUARE FOOT (720 PA) FOR EXTERIOR LIGHT-FRAME WOOD WALLS.

FOURTEEN POUNDS PER SQUARE FOOT (670 PA) FOR EXTERIOR LIGHT-FRAME COLD-FORMED STEEL WALLS. 4. TEN POUNDS PER SQUARE FOOT (480 PA) FOR INTERIOR LIGHT-FRAME WOOD WALLS 5. FIVE POUNDS PER SQUARE FOOT (240 PA) FOR INTERIOR

LIGHT-FRAME COLD-FORMED STEEL WALLS. EIGHTY POUNDS PER SQUARE FOOT (3830 PA) FOR 8-INCH-THICK (203 MM) MASONRY WALLS. EIGHTY-EIVE POUNDS PER SQUARE FOOT (4070 PA) FOR 6-INCH-THICK (152 MM) CONCRETE WALLS. 3. TEN POUNDS PER SQUARE FOOT (480 PA) FOR SIP

WALLS. EMERGENCY EGRESS NOTES

R310.1 EMERGENCY ESCAPE AND RESCUE OPENING REOUIRED, BASEMENTS, HABITABLE ATTICS AND EVERY SLEEPING ROOM SHALL HAVE NOT LESS THAN ONE OPERABLE EMERGENCY ESCAPE AND RESCUE OPENING. CONTAIN ONE OR MORE SLEEPING VHERF BASEMENTS

ROOMS, AN EMERGENCY ESCAPE AND RESCUE OPENING SHALL BE REOUIRED IN EACH SLEEPING ROOM, EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL OPEN DIRECTLY INTO A PUBLIC WAY, OR TO A YARD OR COURT THAT OPENS TO A PUBLIC WAY.

R310.2.1 MINIMUM OPENING AREA. EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A NET CLEAR OPENING OF NOT LESS THAN 5.7 SQUARE FEET (0.530 M2). THE NET CLEAR OPENING DIMENSIONS REQUIRED BY THIS SECTION SHALL BE OBTAINED BY THE NORMAL OPERATION OF THE EMERGENCY ESCAPE AND RESCUE OPENING FROM THE INSIDE. THE NET CLEAR HEIGHT OF THE OPENING SHALL BE NOT LESS THAN 24 INCHES (610 MM) AND THE NET CLEAR WIDTH SHALL BE NOT LESS THAN 20 INCHES (508 MM). EXCEPTION: GRADE FLOOR OPENINGS OR BELOW-GRADE

R310.2.2 WINDOW SILL HEIGHT. WHERE A WINDOW IS PROVIDED AS THE EMERGENCY ESCAPE AND RESCUE OPENING, IT SHALL HAVE A SILL HEIGHT OF NOT MORE THAN 44 INCHES (1118 MM) ABOVE THE FLOOR: WHERE THE SILL HEIGHT IS BELOW GRADE, IT SHALL BE PROVIDED WITH A WINDOW WELL IN ACCORDANCE WITH

LESS THAN 5 SQUARE FEET (0.465 M2).

SECTION R310.2.3 R310.2.3 WINDOW WELLS. THE HORIZONTAL AREA OF THE

M2), WITH A HORIZONTAL PROJECTION AND WIDTH OF NOT LESS THAN 36 INCHES (914 MM). THE AREA OF THE WINDOW WELL SHALL ALLOW THE EMERGENCY ESCAPE AND RESCUE OPENING TO BE FULLY OPENED. EXCEPTION: THE LADDER OR STEPS REQUIRED BY SECTION

R310.2.3.1 SHALL BE PERMITTED TO ENCROACH NOT MORE THAN 6 INCHES (152 MM) INTO THE REQUIRED DIMENSIONS

THE WINDOW WELL

R310.2.3.1 LADDER AND STEPS. WINDOW WELLS WITH A VERTICAL DEPTH GREATER THAN 44 INCHES (1118 MM) SHALL BE EQUIPPED WITH A PERMANENTLY AFFIXED LADDER OR STEPS USABLE WITH THE WINDOW IN THE FULLY OPEN POSITION. LADDERS OR STEPS REQUIRED BY THIS SECTION SHALL NOT BE REQUIRED TO COMPLY WITH SECTION R311.7 LADDERS OR RUNGS SHALL HAVE AN INSIDE WIDTH OF NOT LESS THAN 12 INCHES (305 MM), SHALL PROJECT NOT LESS THAN 3 INCHES (76 MM) FROM THE WALL AND SHALL BE

SPACED NOT MORE THAN 18 INCHES (457 MM) ON CENTER VERTICALLY FOR THE FULL HEIGHT OF THE WINDOW WELL. THE FOLLOWING IS REQUIRED WITH IN ONE MILE FROM THE

SEASHORE. R301.2.1.2 INTERNAL PRESSURE: WINDOWS IN BUILDINGS LOCATED IN WIND BORNE DEBRIS REGIONS, SHALL HAVE

GLAZED OPENING PROTECTED FROM BORNE DEBRIS OF THE BUILDING SHALL BE DESIGNED AS A PARTIALLY ENCLOSED BUILDING IN ACCORDANCE WITH THE BUILDING CODE OF THE STATE OF NEW YORK. GLAZED OPENING PROTECTION FROM WIND BORNE DEBRIS SHALL MEET THE REQUIREMENTS

THE LARGE MISSILE TEST OF ASTME 1196 AND OF ASTME 1888 REFERENCED THEREIN.

NEW YORK.

	ALLOWABLE DEFLECTION
12 with ers	L/180
	H/180
	L/360
plaster	L/360
/psum	L/240
	L/240
ter or	H/360
er brittle	H/240
finishes	H/120d
allse	L/600

the entire length of the member, whichever is more stringent. For

OPENINGS SHALL HAVE A NET CLEAR OPENING AREA OF NOT

WINDOW WELL SHALL BE NOT LESS THAN 9 SOUARE FEET (0.9

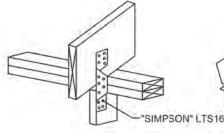
EXCEPTIONS: WOOD STRUCTURAL PANELS WITH A MINIMUM THICKNESS OF 16" (11.1MM) AND A MAXIMUM SPAN OF EIGHT FEET SHALL BE PRECUT TO COVER THE GLAZED OPENING WITH ATTACHMENT HARDWARE PROVIDED IN ACCORDANCE WITH TABLE R301.2.1.2. OR SHALL BE DESIGNED TO RESIST THE COMPONENTS AND CLADDING LOADS DETERMINED IN ACCORDANCE WITH THE BUILDING CODE OF THE STATE OF

EM	TABLE R602.3(1)			14	Bottom plate to joist, rim joist, band joist or	16d common (3 ¹ /2 × 0.162") 16d box (3 ¹ /2 × 0.135"); or	16' 0.0, 1	0000	
	STENING SCHEDULE				blocking (not at braced wall panels)	3" × 0.131" nails	12" o.c. f		
- 1	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENERB, b, c	SPACING AND LOCATION	15	Bottom plate to joist, rim joist, band joist or blocking (at braced wall panel)	3-16d box (3 ¹ /2 * 0.135"); or 2-16d common (3 ¹ /2 * 0.162"); or	2 each 1	3" o.c. face nail 3" o.c. face nail	
		Roof	1	-	ere of all a series a mail barrary	4-3" × 0.131" nails 4-8d box (21/2 × 0.113"); or	4 each 1	5" o.c. face nail	
ļ	the second second base of the second s	4-8d box (2 ¹ / ² × 0.113") or 3-8d common (2 ¹ / ² × 0.131"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails	Toe nail	- 16 To	16 Top or bottom plate to stud	3-16d box (3 ¹ /2 × 0.135°); or 4-8d common (2 ¹ /2 × 0.131°); or 4-10d box(3° × 0.128°); or 4-3° × 0.131° nails	τ	be nall	
	Celling joists to top plate	4-8d box (2 ¹ / ² / × 0.113"); or 3-8d common (2 ¹ / ² / × 0.131"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails	Per joist, toe nall			3-16d box $(3^{1}/2 = 0.135^{\circ})$; or 2-16d common $(3^{1}/2 = 0.162^{\circ})$; or 3-10d box $(3^{\circ} \times 0.128^{\circ})$; or 3-3° $\times 0.131^{\circ}$ nails	0 é	nd nail	
ł	Ceiling joist not attached to parallel rafter, laps over	4-10d box (3" × 0.128"); or 3-16d common (3"/ 2 × 0.162"); or	Face nail	17	Top plates, laps at corners and intersections	3-10d box (3" × 0.128"); or 2-16d common (3 ¹ / ² × 0.162"); or	F	ace nail	
	partitions [see Sections R802.3.1, R802.3.2 and Table R802.5.1(9)] Ceiling joist attached to parallel rafter (heel	4-3" × 0.131" nails		18	1" brace to each stud and plate	3-3" × 0.131" nalls 3-8d box (2 ¹ / ½ × 0.113"); or 2-8d common (2 ¹ / ½ × 0.131"); or 2-10d box (3" × 0.128"); or	F	ice nall	
1	joint) [see Sections R802.3.1 and R802.3.2 and Table R802.5.1(9)]	Table R802.5.1(9)	Face nail	-		2 staples 1∛ # 3-8d box (2 ¹ /2 × 0.113"); or 2-8d common (2 ¹ /2 × 0.131"); or			
ł	In the second	4-10d box (3" × 0.128"); or 3-10d common (3" × 0.148"); or	Face nail each rafter	19	1* * 6" sheathing to each bearing	2-10d box (3" × 0.128"); or 2 staples, 1" crown, 16 ga., 1 ³ / <i>i</i> long 3-8d box (2 ¹ / ₂ × 0.113"); or	F	toa nall	
+	rafter Rafter or roof truss to plate	4-3" × 0.131" nails 3-16d box nails (31/2" × 0.135"); or 3-10d common nails (3" × 0.148"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails	2 toe nails on one side and 1 toe mail on opposite side of each rafter or truss ¹	20	$1^{\ast} \times 8^{\ast}$ and wider sheathing to each bearing	3-8d common (2 ¹ / ₂ × 0.131 [*]); or 3-8d common (2 ¹ / ₂ × 0.131 [*]); or 3-10d box (3 [*] × 0.128 [*]); or 3 staples, 1 [*] crown, 16 ga., 1 ⁵ /long Wilder than 1 [*] × 8 [*]	Face dail		
	Roof raiters to ridge, valley or hip rafters or roof	4-16d (3 ¹ / ₂ × 0.135"); or 3-10d common (3 ¹ / ₂ × 0.148"); or 4-10d box (3" × 0.128"); or 4-3" × 0.131" nails	Toe nail			4-8d box (2 ¹ / ₂ × 0.113"); or 3-8d common (2 ¹ / ₂ × 0.131"); or 3-10d box (3" × 0.128"); or 4 staples, 1 [*] crown, 16 ga., 1 ³ / ₄ long			
	rafter to minimum 2" ridge beam	3-16d box 3 ^{1/} 2 × 0.135"); or 2-16d common (3 ¹ /2 × 0.162"); or 3-10d box (3" × 0.128"); or 3-3" × 0.131" nails	End nail	21	Joist to sill, top plate or girder	Floor 4-8d box (2 ¹ /4 × 0.113°); or 3-8d common (2 ¹ /2 × 0.131°); or 3-10d box (3 [*] × 0.128°); or	т	pe nail	
ŕ		Wall 16d common (31/2 × 0.162*)	245 0 0 1000	-		3-3" × 0.131" nails 8d box (2 ¹ / 2" × 0.113")	4″ o.	c. toe nail	
ĺ	Stud to stud (not at braced wall panels)	10d box (3" × 0.128"); or	24" o.c. face nail 16" o.c. face nail	22	Rim joist, band joist or blocking to sill or top plate (roof applications also)	8d common (2 ¹ /2 × 0.131"); or 10d box (3" × 0.128"); or		s, toe nail	
	U	3" = 0.131" nails 16d box (3 ^{1/} 2 = 0.135"); or	12" o.c. face nail			3" = 0,131" nsits 3-8d box (2 ¹ /4 × 0.113"); or	Face nail		
	wall corners (at braced wall panels)	3" × 0.131" nails 16d common (31/2 × 0.162")	16" o.c. face nail	23	1" × 6" subfloor or less to each joist	2-8d common (2 ¹ /2 × 0.113); or 3-10d box (3"× 0.128"); or			
I	Built-up header (2" to 2" header with 1/2 spacer)	16d common (3½ × 0.162*)	16" o.c. each edge face nail 12" o.c. each edge face nail			2 staples, 1" crown, 16 ga., 13/2 long			
		16d box (3½ × 0.135°) 5-8d box (2½ × 0.113°); or		-	an later to tale to state	Floor 3-16d box (3 ¹ /2" × 0.135"); or	1	and the second	
l	Continuous header to stud	4-8d common (2 ¹ /2 × 0,131"); or 4-10d box (3" × 0.128")	Toe nail	24	2" subfloor to joist or girder	2-16d common (3 ¹ /2 × 0.162") 3-16d box (3 ¹ /s" × 0.135"); or		and face nail	
	Top plate to top plate	16d common (31/ 2 × 0.162") 10d box (3" × 0.128"); or	16° o.c. face nail	25	2" planks (plank & beam-floor & roof)	2-16d common (31/2 × 0.162")	ATE	ich bearing, face	
	Double top plate splice for SDCs A-D with	3" × 0,131" nails 8-16d common (3 ¹ /2 × 0,162"); or 12-16d box (3 ¹ /2 × 0,135"); or	12" o.c. face nail	26	Band or rim joist to joist	3-16d common (3 ¹ /2 × 0.162") 4-10 box (3" × 0.128"), or 4-3" × 0.131" nails; or	End nail Nail each layer as follows: 32° o.		
ŀ	seismic braced wall line spacing < 25'	12-10d box (3" × 0.128"); or 12-3" × 0.131" nails		-		4-3" × 14 ga. staples, 7 "jgrown			
I	ouble top plate splice SDCs D, D, or D pand	1253 × 0.131 Haits	Face hall on each side of end joint (minimum 24* lap solice length each side of end joint)		1000 C 100	20d common (4" = 0.192"); or 10d box (3" × 0.128"); or	00.156.01.10.11	om and staggered	
ł	braced wall	12-16d (3 ¹ /2 × 0,135")	and an and Jourth	27	Built-up girders and beams, 2-inch lumber layers	3" № 0.131" nails	24" o.c. face nail at top and staggered on opposite sides		
	line spacing ≥ 25' IAILING AND STRAPPING REQUIRED FOR ALL NEW C	CONSTRUCTION AND N	Lew 、			And: 2-20d common (4" × 0.192"); or 3-10d box (3"× 0.128"); or 3-3" × 0.131" nails	Face nail at en	Face nail at ends and at each s	
	ADDITIONS)	10.117		28	Ledger strip supporting joists or rafters	4-16d box $(3^{1}/2 \approx 0.135^{*})$; or 3-16d common $(3^{1}/2 \approx 0.162^{*})$; or 4-10d box $(3^{*} \times 0.128^{*})$; or 4-3 [*] $\times 0.131^{*}$ nails	At each joist o	rafter, face nail	
	ALL STRAPPING TO BE 1 ¹ / ₄ " X		SIMPSON	29 Bridging to joist		2-10d (3" × 0.128")	and a second	end, toe nail	
1	EQUIVALENT - CS2O (COILE ALL STRAPPING SHALL BE SPECIFICATIONS)		ANUF.	ITEN	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER a, b, c	Edata	Intermed supports (inches)	
				19	Wood structural panels, subfloor, roof and in [see Table R602.3(3) for woo	terior wall sheathing to framing and p od structural panel exterior wall sheat			
				30		6d.common (2* × 0.113*) nail (subfloor 8d.common (21/2* × 0.131*) nail (roof)		12'	
C	T RAFTER TO RIDGE CON	NECTION		31	19/32* - 1*	8d common nail (2 ¹ /2 × 0.131*)	6"	12'	
	OR RIDGE STRAP- (4) 8D C			32) 1/8° - 71/A*	10d common $(3^* \times 0.148^*)$ nail; or 8d $(2^1/2^* \times 0.131^*)$ deformed nail Other wall sheathing ⁹	8"	12	
	END OF			33	¹ /2 [*] structural cellulosic fiberboard sheathing	1 1/2" galvanized roofing nail?//6 head diameter, or 1" crown staple 16 ga., 11	3	6	
	OR ALT (3) 10D COLLAR TIES AT EAC	COMMON NAILS	and a second	34	²⁵ /32structural cellulosic fiberboard sheathing	134" galvanized roofing nail.746 head diameter. or 1" crown staple 16 ga., 11/4 long	3	ß	
		ROOF	RIDGE	35	1 /2" gypsum sheathing ^d	11/2" galvanized roofing nail; staple galvanized, 11/2" long; 11/4" screws, Type W or S	7	Ť	
		RAFTER	\sim	36	5/8" gypsum sheathing	1 ³ 4° galvanized roofing nail; staple galvanized, 1 ⁹ 8° long; 1 ⁵ /8° screws, Type W or S	7	7.	
		COLLAR TIE	1	-		els, combination subfloor underlayme	1	The second secon	
		/		37	3/4" and less	6d deformed (2" × 0.120") nail; or 8d common (21/2 × 0.131") nail	6	12	
	Į				7/8" - 1"	8d common (21/2 * 0.131") nail; or	6	12	
		NECTION		38		8d deformed (21/2 × 0,120") nall	,u		
A	AT RAFTER TO RIDGE CON	NECTION			11/8* - 31/4*	8d deformed (21/2 × 0.120°) hall 10d common (3" × 0.148") hall; or 8d deformed (21/2 × 0.120") hall	6.	12	
AA		OMMON AT EACH	a. Nails are sn sheathing co 0.192 loch (2 100 ksi for sh b. Staples are c. Nails shall t d. Four-foot b a. Spacing of	39 4 mm. 1 nooth-connection 0d com iank dia 16 gag be space y 8-foot fastenel	11/8" - 31/4" 11/8" - 31/4" 1 foot = 304,8 mm, 1 mile per hour = 0.447 m/s; 1 ksi = 6 ommon, box or deformed shanks except where otherwis hs shall have minimum average bending yield strengths motion and), 90 ksi for enank diameters larger than 0.142 i meters of 0.142 inch or less. e wire and have a minimum / Žigch on diameter crown wi ad at not more than 6 inches on center at all supports withor or 4-foot by 9-foot panels shall be based on Table R60; design wind speed is 130 mph or less, nails for attaching	10d common (3" × 0.148") nail; or 8d deformed (21/2 × 0.120") nail 895 MPa. e stated. Nails used for framing and as shown: 80 ksi for shank diameter of nch but not larger han 6.177 Inch. and dth. lere spana are 48 nches or greater. 2.3(2).		S FOR WOOD ST	
AA	OR RIDGE STRAP- (4) 8D C	OMMON AT EACH	a. Nails are sn sheathing co 0.192 loch (2 100 ksi for sh b. Staples are c. Nails shell t d. Four-foot bj e. Spacing 0/ f. Where the u to gable and 130 mph, nai minimum 48-	39 4 mm. 1 mooth-co- nnection 0d com lank dia 16 gag- be space y 8-foot fastener fastener fastener wall fra is for alt inch dis	I foot = 304.8 mm, 1 mile per hour = 0.447 m/s; 1 ksi = 6. common, box or deformed shanks except where otherwis resishall have minimum average bending yield strengths. mon nail), 90 ksi for shank diameters larger than 0.142 il meters of 0.142 inch or less. e wire and have a minimum <i>I</i> light bit diameter crown wi ad at not more than 6 inches on center at all supports wi or 4-foot by 9-foot panels shall be applied vertically. rs not included in this table shall be based on Table R602	10d common (3" × 0.148") nail; or 8d deformed (21/2 × 0.120") nail 895 MPa. e stated. Nails used for framing and as shown: 80 ksi for shank diameter of nch but not larger han 8.177 finch, and ath. tere spans are 48 nches or greater. 8.3(2) g wood structural panel roof sheathing nate design wind speed is greater than all be spaced is indres on center for hers on center to gable end wall framing.	6 REQUIREMENT	S FOR WOOD S MINIMU WOOD STRUCTU PANEL SI	

=AT RAFTER TO TOP PLATE TO STUD CONNECTION

FOR STRAP (3) 8D COMMON NAILS AT EACH END OF STRAP

FORESTING (7) 10D COMMON NAILS AT BY "SIMPSON" EACH END OF STRAP -



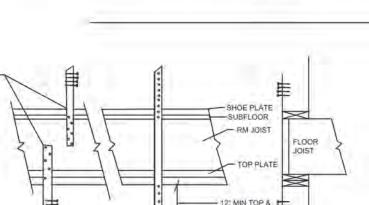
AT STUD TO FLOOR ASSEMBLY TO STUD CONNECTION

MTS 10 (ONLY APPLICABLE TO TWO STORY CONFIGURATIONS)

FOR STRAP (3) 10d COMMON NAILS SAT EACH END OF THE STRAP. FOR ALTERNATE (14) 10d COMMON NAILS

STRAP CONFIG. FOR EACH STRAP (TWO STRAPS TOTAL

SHEATHING TO OVERLAY FOR SECOND FLOOR ADDITIONS FIRST AND SECOND FLOOR & STUDS BY MIN 12"



cendicular to the framing members need not be provided except as required by other provisions of this code

. Where a rafter is fastened to an adjacent parallel ceiling joist in accordance with this schedule, provide two toe

SAT EACH END OF

MIN 12"

STRAP OR SCREWS

FLOOR & STUDS BY

edges supported by framing members and required blocking. Blocking of roof or floor sheathing panel edges

or perimeter shall be supported by framing members or solid blocking.

(ONLY APPLICABLE FOR TWO STORY

FOR STRAP- (9) 10D COMMON NAIL

PER MANI

FOR SECOND SHEATHING TO OVERLAY

FLOOR ADDITIONS FIRST AND SECOND

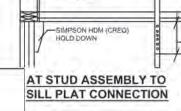
nall on the opposite side of the rafter shall not be required.

HOLD DOWN DETAIL

LOOR TO FLOOR

CONFIGURATIONS)

For SI: 1 inch = $25.4 \text{ mm}, 1$	mile per hour = 0.447 m/s.
than 16 inches on cent b. Table is based on wir R301.2. Lateral bracing c. Wood structural pane 24/0 span rating. Plywo	arallel or perpendicular to supports. Thre ter shall be applied with panel strength ax nd pressures acting toward and away froo or requirements shall be in accordance wit als with span ratings of Wall-16 or Wall-24 bod siding rated 16 o.c. or 24 o.c. shall be id Plywood siding 16 o.c. shall be used w
HOLD DOWN	SHOE PLATE
a tupeaden none	



(9) 10D COMMON NAIL FOR STRAP-AT EACH END OF STRAP

FOR ALTERNATE (12) 8d- COMMON NAILS STRAP CONFIG LTP4

AT STUD TO SLAB ASSEMBLY

R303.6 UON ALL HABITABLE SPACE ARE TO BE HEATED BY PERIMETER BASE BOARD HOT WATER AND WILL COMPLY WITH THE REQUIREMENTS OF THE NYS BUILDING CODE.

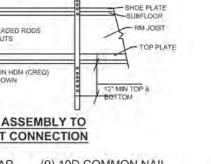




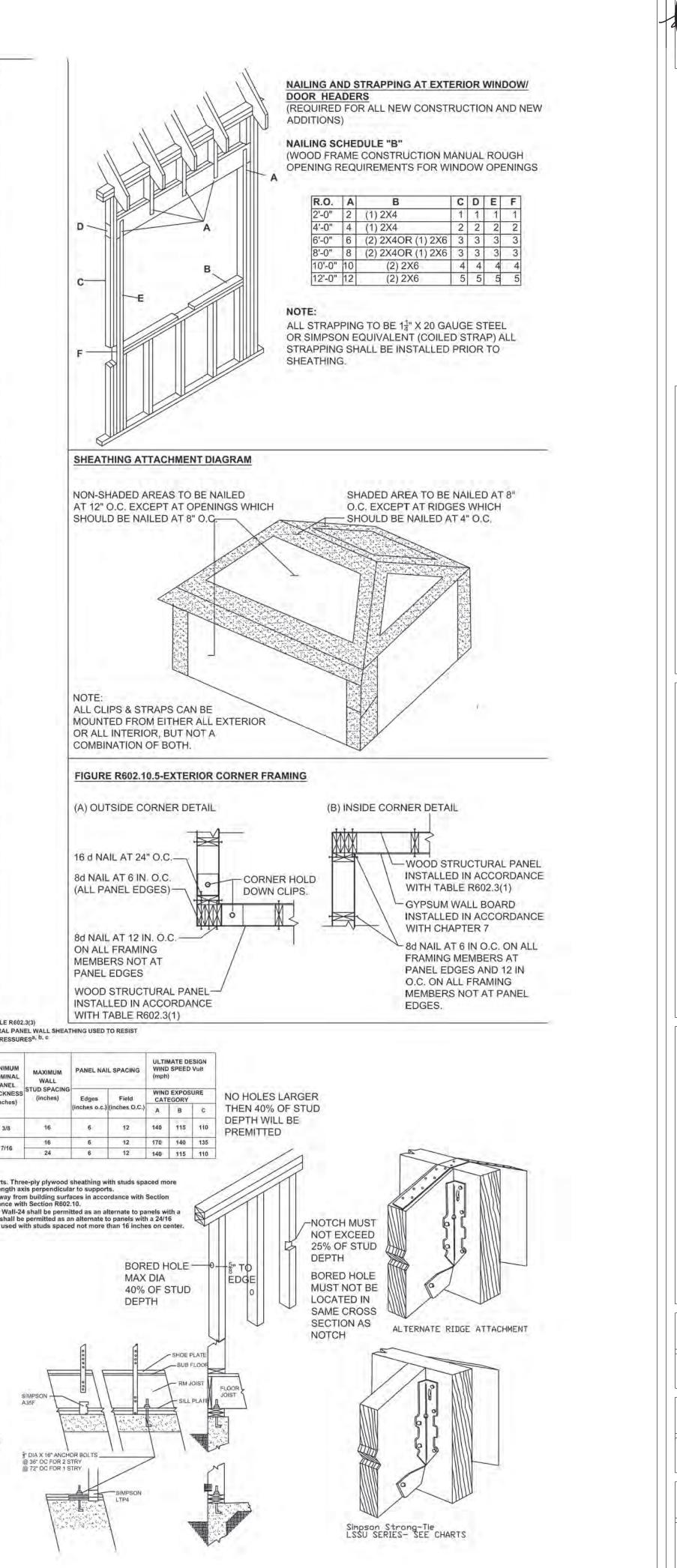
IMUM NAIL		MINIMUM WOOD	MINIMUM NOMINAL PANEL	M
	Penetration (inches)	STRUCTURAL PANEL SPAN RATING	THICKNESS (inches)	STUI (
non	1.3		1.15	

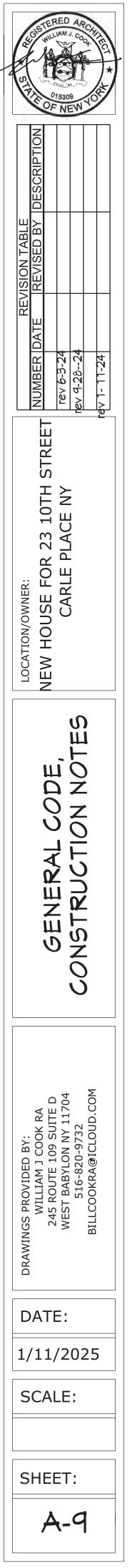
24/0 3/8 (2.0" × 0.113") 8d Common 1.75 24/16 7/16 (2.5" × 0.131")

alls on one side of the rafter and toe nalls from the ceiling joist to top plate in accordance with this schedule. The foe For SI: 1 inch = 25.4 mm, 1 mile per hour = 0.447 m/s



TAX MAP Section 8 Block B13 Lot 56





SECTION R314

SMOKE ALARMS AND HEAT DETECTION [NY] R314.1 GENERAL. SMOKE ALARMS AND HEAT DETECTION SHALL COMPLY WITH NFPA 72 AND SECTION R314.

R314.1.1 LISTINGS. SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217. HEAT DETECTION SHALL BE LISTED IN ACCORDANCE WITH UL 521 OR UL 539, AS APPROPRIATE FOR THE INTENDED APPLICATION. COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217 AND UL 2034.

R314.2 WHERE REQUIRED. SMOKE ALARMS AND HEAT DETECTION SHALL BE PROVIDED IN ACCORDANCE WITH THIS SECTION.

R314.2.1 NEW CONSTRUCTION. SMOKE ALARMS SHALL BE PROVIDED IN DWELLING UNITS. HEAT DETECTION SHALL BE PROVIDED IN NEW ATTACHED GARAGES.

R314.2.2 SMOKE ALARMS IN EXISTING BUILDINGS. EXISTING DWELLINGS UNDERGOING REPAIR, ALTERATION, CHANGE OF OCCUPANCY, ADDITION OR RELOCATION SHALL BE PROVIDED WITH SMOKE ALARMS AS REQUIRED BY APPENDIX J.

314.2.3 ATTACHED GARAGES. HEAT DETECTION RATED FOR THE AMBIENT OUTDOOR TEMPERATURES SHALL BE INSTALLED IN NEW GARAGES THAT ARE ATTACHED TO OR LOCATED WITHIN NEW AND EXISTING DWELLINGS. HEAT DETECTION SHALL BE INSTALLED IN A CENTRAL LOCATION AND IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

EXCEPTION: HEAT DETECTION SHALL NOT BE REQUIRED IN DWELLINGS WITHOUT COMMERCIAL POWER.

R314.3 LOCATION. SMOKE ALARMS SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS: IN EACH SLEEPING ROOM.

2. OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS.

3. ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS AND HABITABLE ATTICS AND NOT INCLUDING CRAWL SPACES AND UNINHABITABLE ATTICS. IN DWELLINGS OR DWELLING UNITS WITH SPLIT LEVELS AND WITHOUT AN INTERVENING DOOR BETWEEN THE ADJACENT LEVELS, A SMOKE ALARM INSTALLED ON THE UPPER LEVEL SHALL SUFFICE FOR THE ADJACENT LOWER LEVEL PROVIDED THAT THE LOWER LEVEL IS LESS THAN ONE FULL STORY BELOW THE UPPER LEVEL.

4. SMOKE ALARMS SHALL BE INSTALLED NOT LESS THAN 3 FEET (914 MM) HORIZONTALLY FROM THE DOOR OR OPENING OF A BATHROOM THAT CONTAINS A BATHTUB OR SHOWER UNLESS THIS WOULD PREVENT PLACEMENT OF A SMOKE ALARM REQUIRED BY

THIS SECTION. R314.3.1 INSTALLATION NEAR COOKING APPLIANCES. SMOKE

ALARMS SHALL NOT BE INSTALLED IN THE FOLLOWING LOCATIONS

TABLE R 301.2.2.2

WIND BORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL

FASTENER TYPE		FASTER SPACING		
	PANEL SPAN <4 FT	> 4 FT SPAN < 6 FT	>6 FT SPAN <= 8FT	
2- ¹ / ₂ " #6 WOOD SCREWS	16" OC	12" OC	9" OC	
2- ¹ / ₂ " #6 WOOD SCREWS	16" OC	16" OC	12" OC	

a. THE TABLE IS BASED ON 110 MPH WIND SPEEDS ON A 33 FOOT MEAN ROOF HEIGHT.

b. FASTENERS SHALL BE INSTALLED AT OPPOSING ENDS OF WOOD STRUCTURAL PANEL.

c. NAILS SHALL BE 10d COMMON OR 12d BOX NAILS d. WHERE SCREWS ARE ATTACHED TO MASONRY OR MASONRY/ STUCCO THEY SHOULD BE ATTACHED UTILIZING VIBRATION RESISTANT ANCHORS HAVING A MINIMUM ULTIMATE WITHDRAWAL CAPACITY OF 490 POUNDS.

R301.1.2.13 WIND SPEED CONVERSION WHEN REFERENCED DOCUMENTS ARE BASED ON FASTEST MILE WIND SPEEDS. THE THREE SECOND GUST WIND VELOCITIES OF FIGURE R301.2(4) SHALL BE CONVERTED TO FASTEST MILE WIND VELOCITIES USING TABLE R301.2.1.3.

TABLE R 201.2.1.3

EQUIVALENT BASIC WIND SPEEDS

3 SEC GUST 85 90 100 105 110 120 125 130 140 145 150 160 170 FASTEST 70 75 80 85 90 100 105 110 120 125 120 140 150 MILE

LINEAR INTERPOLATION IS PERMITTED.

TABLE R301.2.1.2 WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELSa, b, c, d

FASTEN	FASTENER SPACING (inches)a,			
Panel σπαν ≤ 4 feet	4 feet < panel span 6 feet	6 feet < panel spa 8 feet		
ment 16	10	8		
ment 16	12	9		
ment 16	16	16		
	Panel σπαν ≤ 4 feet ment 16 ment 16	Panel $\sigma \pi \alpha v \leq$ 4 feet4 feet < panel span 0 6 feetment 1610ment 1612		

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound = 4.448 N, 1 mile per hour = 0.447 m/s.

a. This table is based on 180 mph ultimate design wind speeds, Vult, and a 45foot mean roof height.

- b. Fasteners shall be installed at opposing ends of the wood structural panel. Fasteners shall be located not less than 1 inch from the edge of the panel. c. Anchors shall penetrate through the exterior wall covering with an embedment length of not less than 2 inches into the building frame. Fasteners shall be located not less than 21 inches from the edge of concrete block or concrete.
- d. Panels attached to masonry or masonry/stucco shall be attached using vibration-resistant anchors having an ultimate withdrawal capacity of not less than 1,500 pounds.

R301.2.1.3 Wind speed conversion. Where referenced documents are based on nominal design wind speeds and do not provide the means for conversion between ultimate design wind speeds and nominal design wind speeds, the ultimate design wind speeds, of furtigure R301.2(5)A shall be converted to nominal design wind speeds, Vasd , using Table R301.2.1.3.

R301.2.1.4 Exposure category. For each wind direction considered, an exposure category that adequately reflects the characteristics of ground surface irregularities shall be determined for the site at which the building or structure is to be constructed. For a site located in the transition zone between categories, the category resulting in the largest wind forces shall apply. Account shall be taken of variations in ground surface roughness that arise from natural topography and vegetation as well as from constructed features. For a site where multiple detached one- and two-family dwellings, townhouses or other structures are to be constructed as part of a subdivision or master-planned community, or are otherwise designated as a developed area by the authority having jurisdiction, the exposure category for an individual structure shall be based on the site conditions that will exist at the time when all adjacent structures on the site have been constructed, provided that their construction is expected to begin within 1 year of the start of construction for the structure for which the exposure category is determined. For any given wind direction, the exposure in which a specific building or other structure is sited shall be assessed as being one of the following categories:

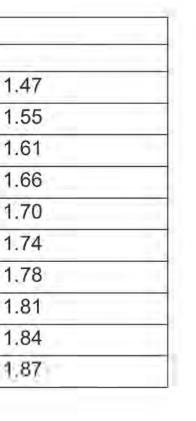
- 1. Exposure B. Urban and suburban areas, wooded areas or other terrain with numerous closely spaced obstructions having the size of singlefamily dwellings or larger. Exposure B shall be assumed unless the site meets the definition of another type exposure.
- 2. Exposure C. Open terrain with scattered obstructions, including surface undulations or other irregularities, having heights generally less than 30 feet (9144 mm) extending more than 1,500 feet (457 m) from the building site in any guadrant. This exposure shall apply to any building located within Exposure B type terrain where the building is directly adjacent to open areas of Exposure C type terrain in any quadrant for a distance of more than 600 feet (183 m). This category includes flat, open country and grasslands.
- 3. Exposure D. Flat, unobstructed areas exposed to wind flowing over open water, smooth mud flats, salt flats and unbroken ice for a distance of not less than 5,000 feet (1524 m). This exposure shall apply only to those buildings and other structures exposed to the wind coming from over the unobstructed area. Exposure D extends downwind from the edge of the unobstructed area a distance of 600 feet (183 m) or 20 times the height of the building or structure, whichever is greater.

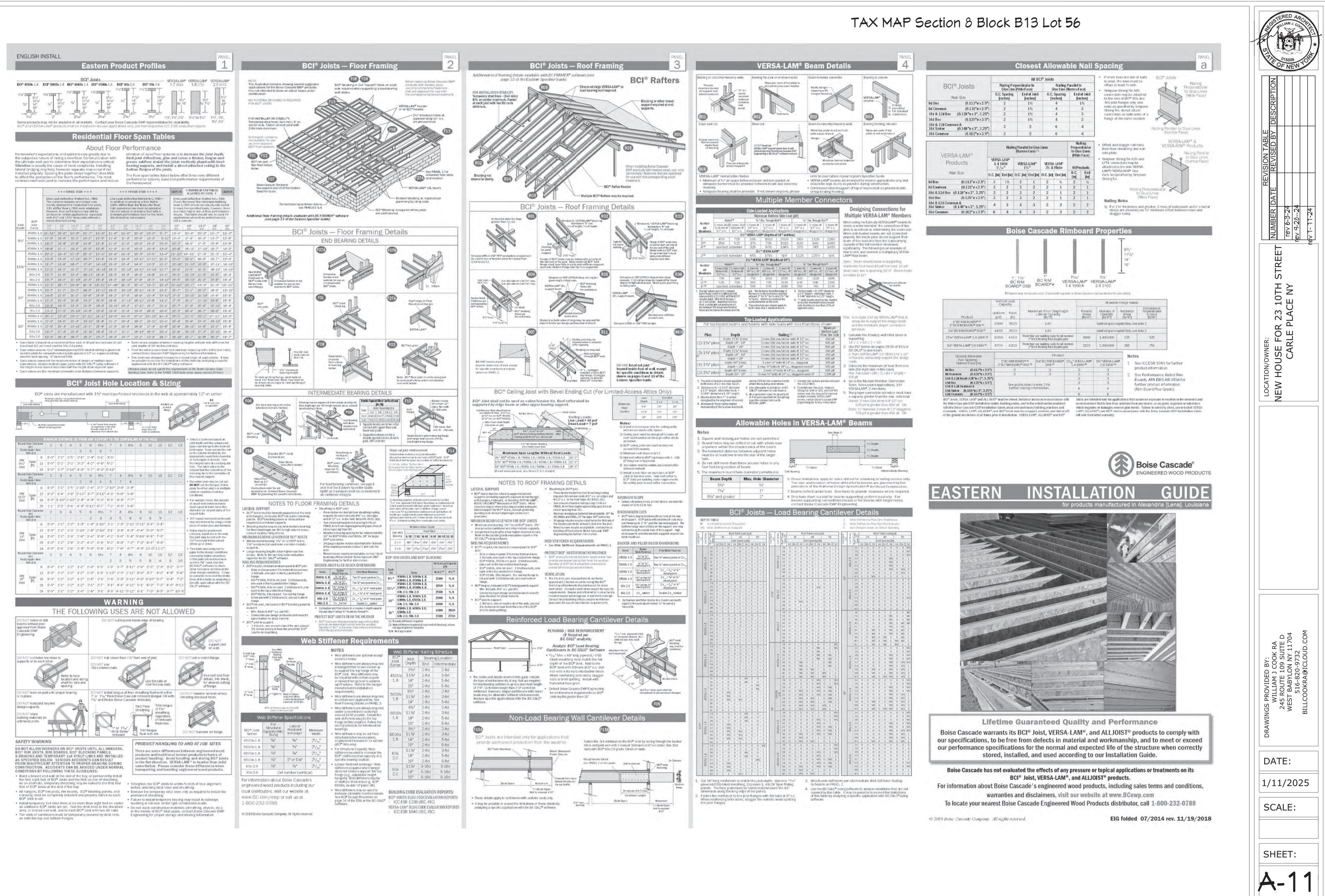


TABLE R301.2(3) HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENTS FOR TABLE R301.2(2)

MEAN BOOF HEIGHT		EXPOSURE	
MEAN ROOF HEIGHT	BCD		
15	1.00	1.21	1.47
20	1.00	1.29	1.55
25	1.00	1.35	1.61
30	1.00	1.40	1.66
35	1.05	1.45	1.70
40	1.09	1.49	1.74
45	1.12	1.53	1.78
50	1.16	1.56	1.81
55	1.19	1.59	1.84
60	1.22	1,62	1.87

BIT PICTURE DI ARCONTONIO
- REVISION TABLE NUMBER DATE REVISED BY DESCRIPTION rev 6-3-24 rev 1-11-24 rev 1-11-24
LOCATION/OWNER: NEW HOUSE FOR 23 10TH STREET CARLE PLACE NY
GENERAL FRAMING NOTES
DRAWINGS PROVIDED BY: WILLIAM J COOK RA 245 ROUTE 109 SUITE D WEST BABYLON NY 11704 516-820-9732 BILLCOOKRA@ICLOUD.COM
DATE: 1/11/2025 SCALE:
SHEET: A-10





- PROPOSED OCCUPANT NUMBER: 191

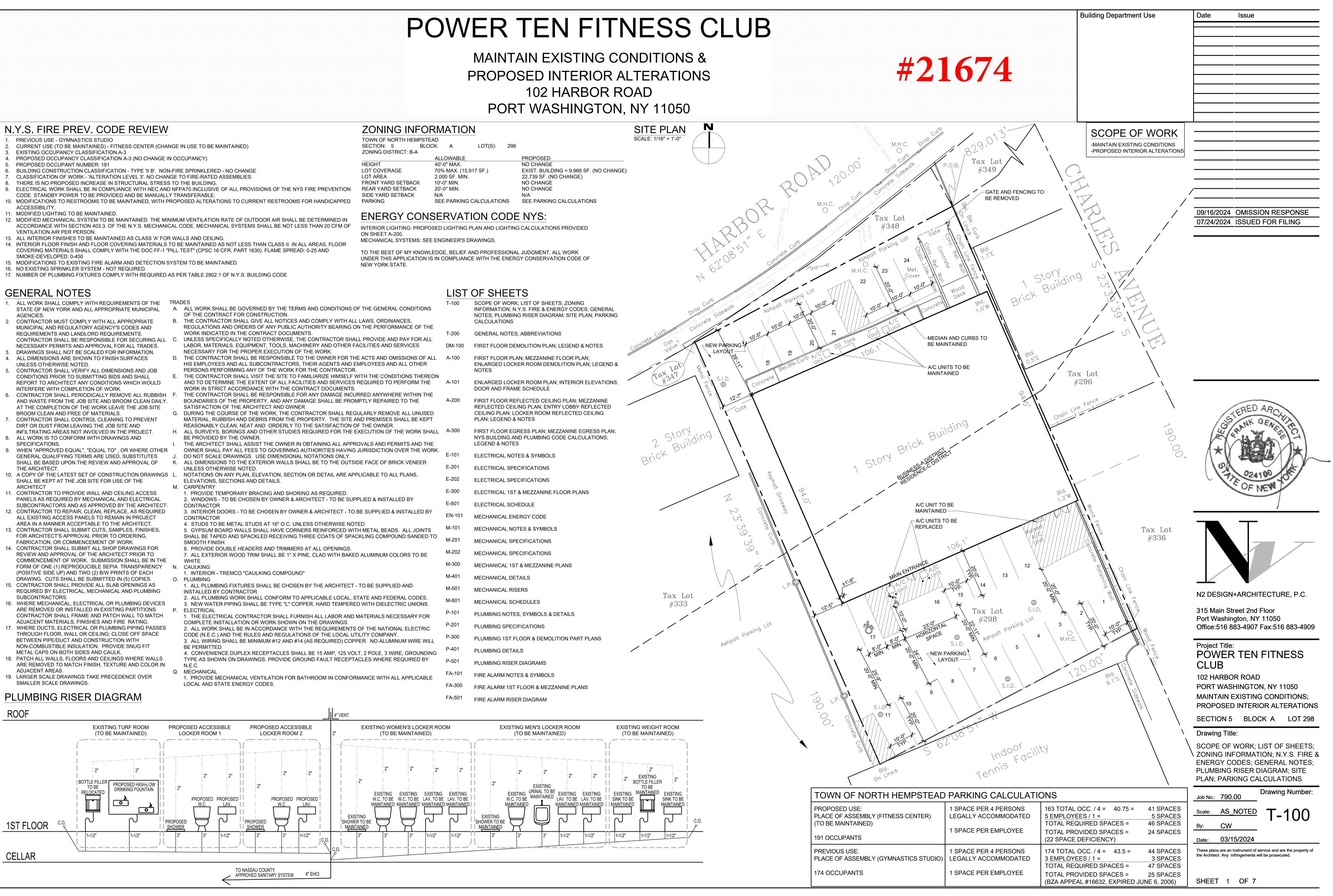
- CODE. STANDBY POWER TO BE PROVIDED AND BE MANUALLY TRANSFERABLE.
- ACCESSIBILITY.
- ACCORDANCE WITH SECTION 403.3. OF THE N.Y.S. MECHANICAL CODE. MECHANICAL SYSTEMS SHALL BE NOT LESS THAN 20 CFM OF VENTILATION AIR PER PERSON.
- COVERING MATERIALS SHALL COMPLY WITH THE DOC FF-1 "PILL TEST" (CPSC 16 CFR, PART 1630). FLAME SPREAD: 0-25 AND SMOKE-DEVELOPED: 0-450
- 17. NUMBER OF PLUMBING FIXTURES COMPLY WITH REQUIRED AS PER TABLE 2902.1 OF N.Y.S. BUILDING CODE

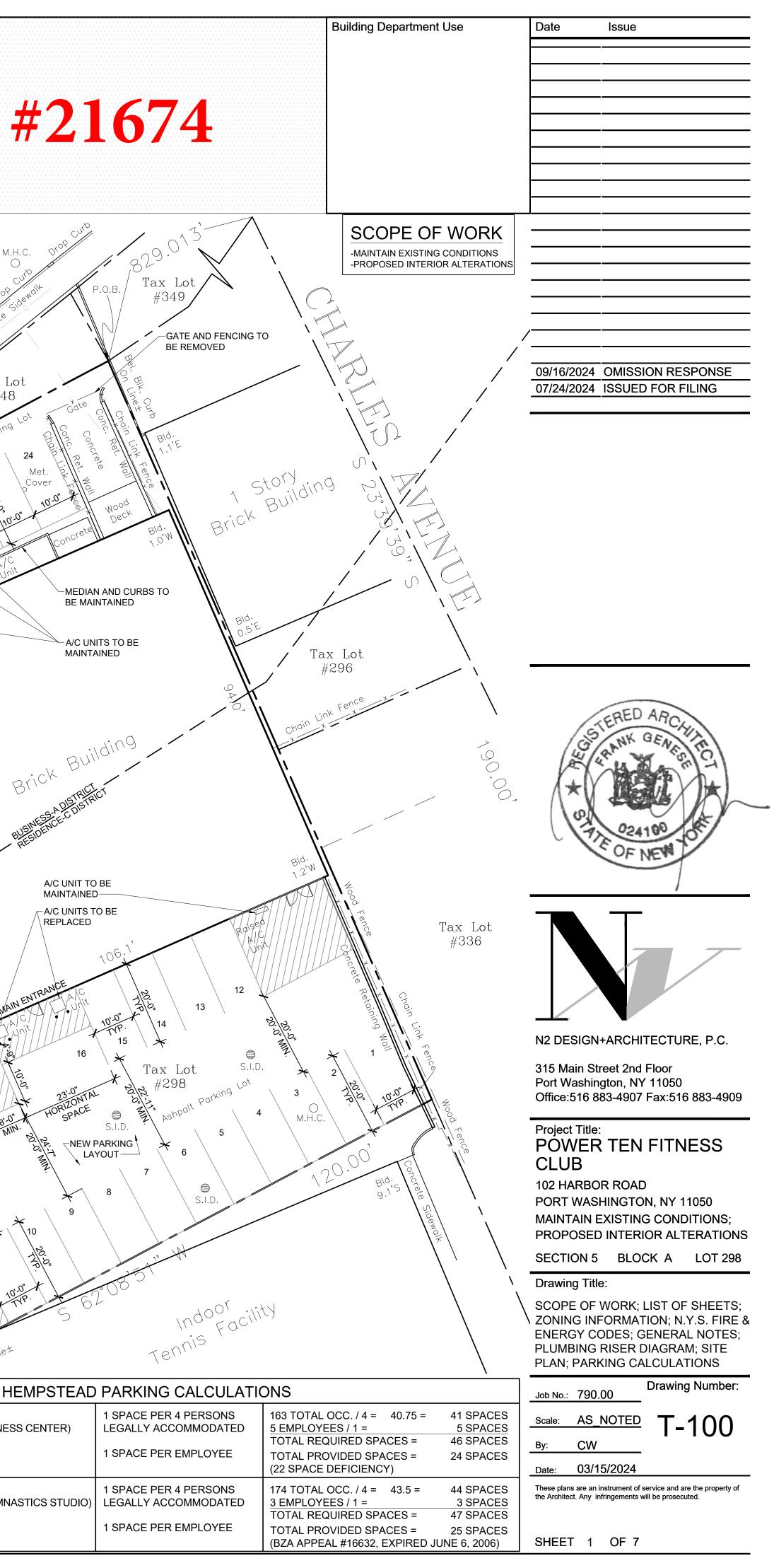
- STATE OF NEW YORK AND ALL APPROPRIATE MUNICIPAL AGENCIES.
- MUNICIPAL AND REGULATORY AGENCY'S CODES AND REQUIREMENTS AND LANDLORD REQUIREMENTS.
- DRAWINGS SHALL NOT BE SCALED FOR INFORMATION. UNLESS OTHERWISE NOTED
- CONDITIONS PRIOR TO SUBMITTING BIDS AND SHALL REPORT TO ARCHITECT ANY CONDITIONS WHICH WOULD
- AND WASTE FROM THE JOB SITE AND BROOM CLEAN DAILY. AT THE COMPLETION OF THE WORK LEAVE THE JOB SITE
- DIRT OR DUST FROM LEAVING THE JOB SITE AND
- SPECIFICATIONS
- THE ARCHITECT
- SHALL BE KEPT AT THE JOB SITE FOR USE OF THE ARCHITECT
- PANELS AS REQUIRED BY MECHANICAL AND ELECTRICAL
- ALL EXISTING ACCESS PANELS TO REMAIN IN PROJECT
- FOR ARCHITECT'S APPROVAL PRIOR TO ORDERING,
- REVIEW AND APPROVAL OF THE ARCHITECT PRIOR TO (POSITIVE SIDE UP) AND TWO (2) B/W PRINTS OF EACH
- REQUIRED BY ELECTRICAL, MECHANICAL AND PLUMBING SUBCONTRACTORS
- ARE REMOVED OR INSTALLED IN EXISTING PARTITIONS CONTRACTOR SHALL FRAME AND PATCH WALL TO MATCH
- THROUGH FLOOR, WALL OR CEILING; CLOSE OFF SPACE BETWEEN PIPE/DUCT AND CONSTRUCTION WITH NON-COMBUSTIBLE INSULATION. PROVIDE SNUG FIT
- SMALLER SCALE DRAWINGS.

- OF THE CONTRACT FOR CONSTRUCTION.
- THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES,
- LABOR, MATERIALS, EQUIPMENT, TOOLS, MACHINERY AND OTHER FACILITIES AND SERVICES
- HIS EMPLOYEES AND ALL SUBCONTRACTORS, THEIR AGENTS AND EMPLOYEES AND ALL OTHER
- WORK IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- BOUNDARIES OF THE PROPERTY, AND ANY DAMAGE SHALL BE PROMPTLY REPAIRED TO THE SATISFACTION OF THE ARCHITECT AND OWNER
- MATERIAL, RUBBISH AND DEBRIS FROM THE PROPERTY. THE SITE AND PREMISES SHALL BE KEPT REASONABLY CLEAN, NEAT AND ORDERLY TO THE SATISFACTION OF THE OWNER.
- UNLESS OTHERWISE NOTED.
- ELEVATIONS, SECTIONS AND DETAILS.

- 5. GYPSUM BOARD WALLS SHALL HAVE CORNERS REINFORCED WITH METAL BEADS. ALL JOINTS SMOOTH FINISH
- 7. ALL EXTERIOR WOOD TRIM SHALL BE 1" X PINE, CLAD WITH BAKED ALUMINUM COLORS TO BE WHITE

- 2. ALL PLUMBING WORK SHALL CONFORM TO APPLICABLE LOCAL, STATE AND FEDERAL CODES.
- COMPLETE INSTALLATION OR WORK SHOWN ON THE DRAWINGS. 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE (N.E.C.) AND THE RULES AND REGULATIONS OF THE LOCAL UTILITY COMPANY. BE PERMITTED.
- TYPE AS SHOWN ON DRAWINGS. PROVIDE GROUND FAULT RECEPTACLES WHERE REQUIRED BY
- LOCAL AND STATE ENERGY CODES.





GENERAL NOTES :

- GENERAL NOTES
- APPLICABLE CODES, ORDINANCES, AND REGULATIONS a. All work shall comply with the rules, local laws, and

regulations of the city, state and federal government agencies having jurisdiction.

b. All work shall comply with all ADA accessibility requirements as directed by federal laws and New York State Building Codes.

2. FILING

a. All Architectural and Engineering plans shall be Filed with the ToNH Building Department by the Owner or the OWNERs Expediter. The General Contractor shall obtain all applicable Alteration Type I, II, or III Permits from the ToNH Building Dept. The General Contractor shall also obtain all inspections and sign-offs as required by the ToNH Building Dept. to include, but not limited to:

- 1) Inspections and sign-offs required for all work, including structural, mechanical, equipment use permits,
- 2) Electrical and Mechanical Certificates issued as req'd by local and state agencies a. Department of Environmental Protection b. Any other agencies having jurisdiction.

b. Copies of all Certificates of Approval and all Permits must be submitted to the Building Management Office prior to the commencement of work.

c. General Contractor shall be responsible for all inspection costs and fees, including any controlled inspections required for project.

CONTRACTOR'S INSURANCE 3

> a. General Contractor and/or sub-contractors shall furnish to the owner Certificate of Workmen's Compensation Insurance, Certificate of Compliance with N.Y.S. Disability Benefits Law, and Certificate of Comprehensive Liability and Property Damage Insurance on an occurrence basis, issued by an insurance carrier approved by owner; covering all labor employed in the execution of the alteration, including those employed by all sub-contractors, in the following minimum limits:

- 4. SCHEDULING OF WORK
 - a. Not used.

b. The General Contractor shall indicate to the landlord the proposed dates and hours during which the alteration shall be performed.

 General Contractor shall comply with rules of the building and the permitted methods of handling materials, equipment and debris.

d. The General Contractor shall provide on-site field supervision as required to coordinate all trades, insure the professional completion of all work, and to maintain the construction schedule. General Contractor shall keep complete, current field sets of all N2 Design+Architecture and Mechanical Engineer's drawings on site for reference. General Contractor shall schedule site meetings with all trades on a weekly basis, or as required to maintain project coordination and progress.

PROTECTION

a. The General Contractor shall provide protection for all access areas to reduce possibility of damage. Contractor shall be responsible for public corridors, elevators, lobbies, etc. that are used by him, and shall repair any damage which occurs as a result of his work.

b. The General Contractor shall protect all existing A/C vents and convectors to prevent dust and debris from entering building mechanical system.

CLEANING UP

The General Contractor shall keep the premises free from the accumulation of waste materials and rubbish and shall regularly remove debris. Premises are to be left broom clean at the end of each day. General Contractor shall remove any debris resulting from carpet or flooring installation by others.

7. EXISTING CONDITIONS

a. The Contractor shall inform himself of the conditions under which the work is to be performed, the obstacles which may be encountered, and all other related matters concerning the contracted work. Where existing conditions conflict with the drawings or specifications, Contractor shall advise N2 Design+Architecture and review condition before starting construction.

b. N2 Design+Architecture and the Mechanical Engineer reserve the right to adjust plans and specifications to meet structural, mechanical and architectural field conditions that may emerge during partition layout and construction phases.

MECHANICAL CAPACITIES

Verification of existing capacities in relationship to the OWNER needs is the responsibility of the Mechanical Engineer. In the absence of engineering drawings, this responsibility shall become General Contractor's. The submission of the General Contractor's proposal shall be deemed to indicate positive confirmation of the adequacy and availability of the building mechanical and electrical services required for the project.

- 9. SUPPLY & INSTALLATION OF EQUIPMENT
- Except where specifically noted 'By Others' or 'Not in Contract', the General Contractor shall be responsible for the supply and installation of all equipment, fixtures, and devices as indicated
- 10. OWNER'S VERIFICATION OF AS-BUILT CONDITIONS

All dimensions and room sizes for furniture, equipment, carpet fitting and layout must be verified against final as-built conditions and not scaled from plans or taken from plan dimensions

11. CLIENT CONTACT

Company: POWER TEN FITNESS CLUB

102 HARBOR ROAD Address: PORT WASHINGTON, NY 11050

Attention: STEVEN PANZIK MSPT, CSCS

Tel. No: (516) 767-6773

12. CONTRACTOR'S PROPOSAL OF COST

a. The General Contractor's proposal shall indicate a total project cost and a cost breakdown for all applicable trades as follows

) Supervision, Cleaning	& Protection	13) Mill & Cabinetwork
2) Demolition		14) Paint & Wallcovering
3) Drywall		15) Ceramic & Marble Tile
) Hardware		16) VCT & Base
5) Hollow Metal		17) Carpet
6) Glass		18) New Stairs
) Rough Carpentry		19) Structural Work
3) Electric		20) Asbestos Abatement
) HVAC		21) Equipment & Fixtures
0) Plumbing		22) Filing & Permits
1)Plaster Work		23) Other
2)Lath & Acoustic Ceilir	ıg	24) Overhead & Profit

b. General Contractor shall advise N2 Design+Architecture of any requested exclusions prior to submission of project costs, and shall clearly indicate any such exclusions in final proposal. Contractor shall also clearly indicate any proposed substitutions to the project, describe the change and itemize any additional cost or credit.

c. General Contractor's proposal must be reviewed by N2 Design+Architecture and approved by OWNER prior to commencement of work.

13. CHANGE ORDERS

General Contractor shall promptly submit separate Change Orders for any addition to or reduction of contracted work. All Change Orders must be reviewed by N2 Design+Architecture and approved by OWNER before Contractor proceeds with work.

- DRAWINGS & PROCEDURES
- 1. OWNERSHIP OF DRAWINGS

All drawings and specifications are the property of N2 Design +Architecture and the use of thereof is authorized only for the project specified. No plan, design or idea indicated on these drawings may be issued for any other purpose without the written consent of N2 Design & Architecture.

2. DRAWINGS & INSTRUCTIONS

All work is to be performed by the General Contractor unless otherwise noted. Should the General Contractor find any discrepancies, omissions, ambiguities or conflicts in any of the construction drawings, or be in any doubt as to their meaning, he must bring such questions to the attention of N2 Design+Architecture before the start of construction.

3. DIMENSIONS & LAYOUT

a. All dimensions are to the finished face of partitions and door openings, unless otherwise noted. Written dimensions take precedence over scaled dimensions.

b. Contractor shall advise N2 Design+Architecture when floor channels for drywall partitions have been set, and layout shall be approved for conformance to design before Contractor shall proceed with partiton construction.

4. SHOP DRAWINGS

a. The Contractor shall field check all conditions and submit (3) copies of all shop drawings and schedules required for work of various trades. All shop drawings shall be reviewed and approved by General Contractor prior to their issue, and all such reviews shall be performed with reasonable promptness. All shop drawing and schedule reviews by N2 Design+Architecture are for conformance to the contract documents only.

b. The Contractor shall make any corrections indicated by N2 Design+Architecture; resubmit (3) corrected copies of each drawing, and distribute approved field copies as required. N2 Design +Architecture's approval of such drawings or schedules shall not relieve the Contractor from responsibility for deviation from drawings or specifications unless written approval for such deviation has been made by N2 Design+Architecture. Contractor shall have final responsibility for any errors or omissions in shop drawings, schedules, and actual construction.

5. MECHANICAL FABRICATION DRAWINGS

All fabrication drawings prepared by Mechanical Contractor are to be submitted to Mechanical Éngineer and N2 Design +Architecture for approval before proceeding with work. N2 Design +Architecture approval is for conformance to design layout only. All HVAC work shall be in accordance with the N.Y.S. Building Code and the National Association of Fire Underwriters requirements

C. GENERAL SPECIFICATIONS

1. DEMOLITION

The General Contractor shall obtain and adhere to all Building Owner's requirements for demolition and construction methods and materials.

a. All demolition shall be done with reasonable care so as to prevent damage to adjacent areas and any construction to remain. Contractor shall provide all protective materials required by his work.

b. All items designated on plans to remain or to be removed and saved for reuse, but lost or damaged during any phase of the project, shall be replaced by items of equal quality and appearance by the General Contractor at no cost to the Owner or N2 Design+Architecture. Any such replacement work must be approved by N2 Design+Architecture prior to fabrication and installation.

c. Scope of work to include the removal of existing interior partitions, ceilings, lighting fixtures, flooring materials, etc., and all related and obsolete telephone and electrical work, wiring conduits, pipes, ducts, etc. unless otherwise indicated on drawings.

d. Contractor shall remove all existing carpet, padding, and tack strips. Contractor shall remove all existing resilient flooring where loose, damaged, or otherwise required to obtain satisfactory sub-surface for new flooring.

2. EXISTING CONSTRUCTION

a. The General Contractor shall patch and repair all existing plaster and drywall surfaces as required. Plaster patching is to be plumb with existing and new partitions and construction. Surface patching and repair shall include existing partitions, columns, and building core and perimeter walls as required.

b. Where existing partition outside corners are damaged, G.C. shall apply new corner beads; tape, spackle and polish smooth.

c. All existing partitions, perimeter walls, columns or other existing surfaces not repairable to a smooth finish shall be reconstructed and/or laminated with gypsum board as required.

DRYWALL PARTITIONS 3

a. General Contractor shall tape and spackle all drywall partitions with a minimum of (2) coats of spackling compound and polish smooth. Taping work shall be a minimum of three steps

- Filler coat to be embed tape or corner bead. 2) Second coat to cover tape, level out to final elevation
- and feather to surface of drywall.
- 3) Polish coat to fill all small holes and ridges and to bring surface of taped joint to a hard, smooth finish.

b. General Contractor shall be responsible for supplying and installing all access doors in walls and ceiling as required throughout the space. Access doors shall be steel, flush type with spackle flange, painted to match wall or ceiling finish. Access doors shall be fire-rated type where required.

c. Walls shown to 'Align' shall be finished flush with existing and/or new construction. Where existing construction does not permit smooth alignment with new partition, Contractor shall laminate existing surfaces as required to achieve alignment.

4. PERIPHERAL CONDITIONS & SOUND BAFFLES

Where partitions overlap peripheral A/C enclosures and abut window mullions or exterior construction, the General Contractor shall install sound insulation baffles in the A/C enclosures. Partitions over convectors to window mullions must not prevent window and convector operations or access.

5. DOORS & HARDWARE

a. Contractor shall submit (3) sets of door shop drawings and hardware schedules to N2 Design+Architecture, showing each type of door, buck and hardware for approval before fabrication.

b. All hollow metal doors shall be 1-3/4" thick and shall be constructed of 18 gauge cold rolled steel with baked shop prime finish. Hollow metal bucks shall be constructed of 16 gauge cold rolled steel with baked shop prime finish, and punched for silencers. Rated bucks shall be welded type; rated doors and bucks shall be labeled accordingly.

c. All new wood doors and trim to be finished to match existing wood veneer doors with OWNER'S APPROVED finishes. Contractor shall supply two (2) samples of each

d. Doors to be located typically 6" from nearest corner of room to daylight of buck, unless otherwise noted.

e. All doors to receive steel ball-bearing butt hinges. Paint grade doors to receive paint grade hinges; hinges for finish grade doors to match specified hardware. Full height doors to receive (2) pair hinges; 7'-0" doors to receive (1-1/2) pair. Unless otherwise noted, all doors to have floor mounted dome stops and frame mounted silencers. Floor mounted stops shall be appropriate height for slab conditions and flooring materials.

f. All door hardware to be keyed to OWNER's key schedule and building master requirements.

g. Existing wood doors and trim that are being reused shall be refinished, as required, for acceptable finish.

h. All new glass doors and some existing doors hardware to be "Polish chrome pulls, pivots, hinges, levers, etc.

6. PLUMBING

a. Unless otherwise noted, Contractor shall supply and install all plumbing items, including roughing and hook-up.

b. Contractor shall submit (3) sets of piping fabrication drawings to N2 Design+Architecture and Mechanical Engineer for approval.

c. All existing plumbing fixtures are to be cleaned and put in good working order. Contractor shall replace or repair all defective plumbing fixtures and piping as required.

- d. New FIXTURES to be picked by owner. Hardware to T.B.D. if applicable
- 7. CEILINGS

a. Unless otherwise noted, Contractor shall provide and install new suspended type acoustical ceilings where indicated on Reflected Ceiling Plan. Contractor shall be responsible for repairs to all existing ceilings that must be accessed during construction.

b. Contractor shall preserve and protect all existing ceilings where noted to remain. Contractor shall replace or repair any ceiling which is damaged or altered during construction and shall paint all existing ceilings as specified on the Finish

c. Locations of any ceiling field breaks not indicated on Reflected Ceiling Plan must be approved by N2 Design+Architecture.

8. ELECTRIC & TELEPHONE

a. Unless otherwise specified, all outlet plates to be Leviton Decora white. All convenience receptacles shall be white; separate circuit receptacles shall be gray. All convenience plates shall br Lutron Claro white, separate circuit plates shall be Lutron Claro gray.

b. All outlets to be 15" above finished floor to center line or as noted. Outlets to be oriented vertically unless otherwise noted. Cutouts in drywall shall be clean; any overcuts shall be filled and smooth. Outlets above 24" AFF shall be mounted horizontally unless otherwise noted.

c. Contractor shall check all existing and reused electrical outlets and put in good working order.

d. General Contractor shall install fire-rated plywood plywood backboards as required for OWNER's telephone equipment installation. Coordinate with owner.

9. LIGHTING

a. Unless otherwise specified, all switch plates to be Lutron Claro white; all switches to be Lutron Diva white.

b. All switches to be 48" above finished floor to center line or as noted, and typically 6" from adjacent door buck. All switches shall be quiet type and vertically oriented.

c. Grouped switches must be ganged in single junction box behind single switch plate.

d. All switches and plates must be set flush and exactly plumb. Cutouts in drywall must be clean; any overcuts shall be filled and smooth.

e. Contractor is responsible for providing electrical power to all light fixtures specified. Contractor shall provide adequate temporary power and lighting as required throughout construction.

f. Unless otherwise specified, all dimmers to be Lutron Diva white; all dimmer plates to be Lutron Diva white.

10. EXIT & EMERGENCY DEVICES

a. The General Contractor shall supply and install all exit and emergency lights and devices as required by all New York State Building Codes.

b. The General Contractor shall supply and install all fire detection and emergency devices as required by construction layout, owner's specifications, and NEW YORK STATE Building Code. Contractor shall preserve all existing fire alarm devices and reinstall any devices as required.

General Contractor shall include and contract for the final connections and programming of all emergency devices. Final connections shall be made by building approved installer or under their supervision.

11. HVAC

a. The General Contractor shall install the HVAC system in accordance with Mechanical Engineer's drawings and specifications. This system as designed shall be capable of maintaining, within tolerances normal in first class office building density factors, interior space conditions of 78 degrees F. dry bulb and 50% relative humidity with outside conditions of 95 degrees F. dry bulb and 75% wet bulb. Heating to be provided during normal heating period, maintaining an inside temperature of 70 degrees F. All rooms shall be ventilated per applicable code requirements. Contractor shall install all fire dampers as required.

b. In the absence of Mechanical Engineering drawings, Contractor shall re-engineer the existing HVAC system to conform to the partition and functional layout as indicated on N2 Design+Architecture construction plans. System shall provide adequate heating, ventilation, and cooling for all rooms and areas, and perform within tolerances specified above. Contractor shall provide all ductwork, diffusers, returns, controls, electrical service, fire dampers, piping, equipment, etc. as required by the alteration.

c. The General Contractor shall coordinate the HVAC work and the installation of the ductwork system with N2 Design +Architecture Reflected Ceiling Plan. As directed by the Mechanical Engineer, the General Contractor shall make all adjustments to the existing and new ductwork as required to conform with Reflected Ceiling Plan. Demolition plan to be approved prior to commencement of work.

d. All diffusers and return air grilles to be white baked enamel, and installed centered on the acoustical ceiling tiles.

e. HVAC engineering and ductwork shop drawings shall be submitted to N2 Design+Architecture and Mechanical Engineer for review and approval. N2 Design+Architecture review is for conformance to architectural layout only.

f. Upon completion of the HVAC installation, General Contractor shall balance the entire mechanical system, including both new and existing work. General Contractor shall provide an independent Balancing Contractor to inspect and balance system, and all additional labor and materials required. Contractor shall submit Balancing Report on standard forms no more than (10) days after completion of HVAC installation.

- 12. SPRINKLERS (NOT APPLICABLE)
- 13. FIRE-RETARDANT WOOD

All wood shall be approved fire-retardant types as permitted and/of required by NEW YORK STATE Building Code and installed only in non-rated and non-structural construction.

14. WOODWORK Millwork shop drawings are to be provided in triplicate to the architect for approval prior to fabrication

15. FLOORIN

16. PAINTIN

17. WALLCO

18. FINISHIN Additiona flooring,

19. WINDOW

20. SUBSTIT

EXIST

EXP

EXT

FIN

FEC

FD

FTG

FND

FL

GA

GALV

GC

GL

GPDW

HDCP

HWD

HDWR

HVAC

HGT

HORZ

HM

HP

ID

INS

INT

INV

KIT

LL

FE

EQ

			Building Department Use	Date	Issue
LOORING	3				
receive e moval of o nd wet mo	ork to include the preparation of either carpeting or hard flooring. existing flooring, flash-patching a opping for final clean up before n Contractor to install resilient floor d.	This includes and leveling, ew flooring is			
AINTING					
ainting of a cluding clo nall receive ealer and t ainted with	otherwise noted, scope of work f all OWNER areas within the den osets, convectors and service ar e a minimum of three coats: U.C two coats finish paint. All existin n a minimum of two coats, with a r proper coverage.	nised premises, reas. All new pa).N one coat prin og construction s	er /		
Architectu ork, Contr o the prep olor sampl ewed and	g to be colors and finishes select re and as shown on Finish Plan. ractor shall provide paint sample pared partitions within the project le shall be a minimum of (9) sq. 1 approved after the permanent li are installed.	Before starting s of all colors sp space. Each ft., and must be	nish cified		
	tor shall provide OWNER with twee to shall provide OWNER with twee to specified for their their specified for their their specified for their specified for their specified for their specified for the specified				OMISSION RESPONSE ISSUED FOR FILING
ALLCOVI	ERING (NOT APPLI	CABLE)		017247202	
		tions for noise			
	inishing schedules and specifica se, etc. are detailed on a separa				
INDOW T	TREATMENTS				
tore, clean elated harc contractor s	erwise noted, General Contracto n and reinstall all existing window dware. Existing drapery pockets shall repair pockets as req'd. Ge se any damaged or defective unit	 treatments and shall remain; neral Contractor 			
UBSTITU	TIONS & CHANGES				
or any requestion of any requestion of a contractor of a contr	ontractor shall submit (3) sets of s uested alternate items to N2 Des approval before proceeding with shall make any substitutions or o prior approval of N2 Design+Arc	sign+Architecture change. No changes to proje			
ABBR	REVIATIONS :				
ACT AC ADJ AFF AHU ALT AL APPROX B.O.C. BSMT	ACOUSTICAL CEILING TILE AIR CONDITIONING ADJACENT ABOVE FINISHED FLOOR AIR HANDLING UNIT ALTERNATE ALUMINUM APPROXIMATE BOTTOM OF CURB BASEMENT	MAS MO MO MAX M MECH M MTL M MT MIN MIN MIR MIR	NIFACTURER(ED) SONRY SONRY OPENING XIMUM CHANIC(AL) TAL TAL THRESHOLD NIMUM RROR SCELLANEOUS	*	RED ARCHIER
BSMT BLDG BW BOT	BASEMENT BUILDING BOTH WAYS BOTTOM	NIC N	MINAL DT IN CONTRACT DT TO SCALE	02	024100
B.O.F. BUR CPT	BOTTOM OF FOOTING BUILT UP ROOFING CARPET(ED)	OPG (I CENTER(S) PENING POSITE	N. V.E	OFNEN
CF CB CO CT CONC	CARFET(ED) CATCH BASIN CLEAN OUT CERAMIC TILE CONCRETE	OD (OA (ITER DIAMETER /ERALL /ERHEAD		
CMU CONST CONT CONTR CRS	CONCRETE MASONRY UNIT CONSTRUCTION CONTINUOUS/CONTINUE CONTRACTOR COURSE(S)	PLAS F P.LAM F PL F PLY F	INT(ED) ASTER ASTIC LAMINATE ATE YWOOD PUNDS PER SQUARE FOOT		
DEMO DTL DIM	DEMOLISH/DEMOLITION DETAIL DIMENSION	PSI F PCC F	UNDS PER SQUARE INCH E-CAST CONCRETE		
DWG ELEC	DRAWING ELECTRIC(AL)		JARRY TILE JANTITY	N2 DESIG	– N+ARCHITECTURE, P.C.
E EWC EL ELEV	ELECTRICAL LINE ELECTRIC WATER COOLER ELEVATION(HEIGHT) ELEVATOR	REV F ROW F	DIUS VISION(S)/REVISED GHT OF WAY SER	Port Wash	Street 2nd Floor ington, NY 11050 883-4907 Fax:516 883-4909

ELEVATOR EQUAL EXISTING EXPOSED EXTERIOR

FLOOR(ING)

FINISH(ED) FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FLOOR DRAIN FOOTING FOUNDATION

GAGE/GAUGE GALVANIZED GENERAL CONTRACTOR GLASS/GLAZING

GYPSUM DRYWALL

HANDICAP(ED) HARDWOOD HARDWARE (DOOR) HEATING, VENTILATING, AIR CONDITIONING HEIGHT HOLLOW METAL HORIZONTAL HIGHPOINT INSIDE DIAMETER INSULATE(ED) (ION) INTERIOR INVERT JOINT

KITCHEN

LIVE LOAD

RISER **ROUGH OPENING** RO ROOF DRAIN RD SIM SIMILAR SPEC SPECIFICATION(S) SQ SQUARE STAINLESS STEEL SS STD STANDARD STL STEEL STOR STORAGE STRUC STRUCTURAL SUSP SUSPENDED TEL TELEPHONE THICK(NESS) THK TPD TOILET PAPER DISPENSER TREAD TYP TYPICAL T.O.B. TOP OF BEARING T.O.CONC. TOP OF CONCRETE T.O.F. TOP OF FOOTING Т.О. TOP OF T.O.P. TOP OF PIER T.O.S. TOP OF STEEL T.O.STUD TOP OF STUD UNLESS OTHERWISE NOTED U.O.N. VBR VAPOR BARRIER VERT VERTICAL VAT VINYL ASBESTOS TILE VB VINYL BASE VCT VINYL COMPOSITE TILE WC WATER CLOSET WP WATERPROOFING WWF WELDED WIRE FABRIC W/ WITH W/O WITHOUT WD WOOD WP WORK POINT

Office:516 883-4907 Fax:516 883-4909 Project Title: **POWER TEN FITNESS** CLUB

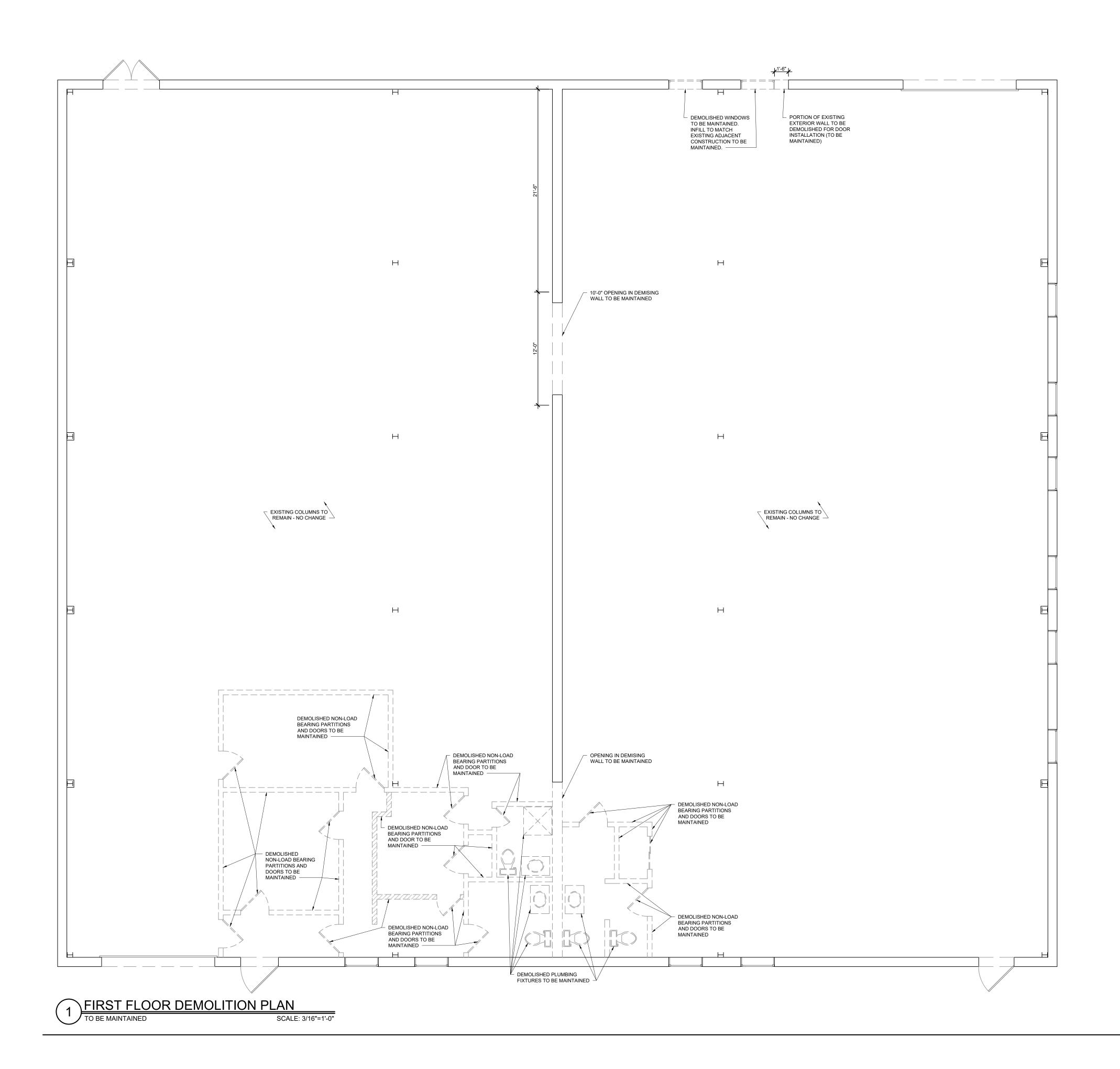
102 HARBOR ROAD PORT WASHINGTON, NY 11050 MAINTAIN EXISTING CONDITIONS: **PROPOSED INTERIOR ALTERATIONS**

SECTION 5 BLOCK A LOT 298 Drawing Title:

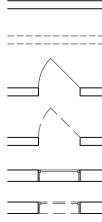
GENERAL NOTES: ABBREVIATIONS

Job No.:	790.00	Drawing Number:		
Scale:	AS_NOTED	T-200		
By:	CW	1-200		
Date:	03/15/2024			
These plans are an instrument of service and are the property of the Architect. Any infringements will be prosecuted.				

SHEET 2 OF 7



DEMOLITION LEGEND



EXIST. INTERIOR WALL TO REMAIN

_____ DEMOLISHED WALL TO BE MAINTAINED

EXISTING DOOR TO REMAIN

DEMOLISHED DOOR TO BE MAINTAINED

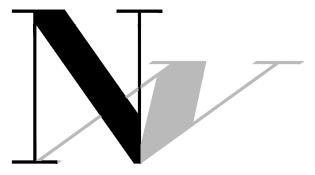
EXISTING WINDOW TO REMAIN

NOTES:
ALL EXISTING WINDOWS ARE TO REMAIN UNLESS OTHERWISE NOTED
EXISTING ROOF TO REMAIN -PATCH AND REPAIR AS NEEDED

Building Department Use	Date	lssue
		······
		·
	09/16/202	24 OMISSION RESPONSE



07/24/2024 ISSUED FOR FILING



N2 DESIGN+ARCHITECTURE, P.C.

315 Main Street 2nd Floor Port Washington, NY 11050 Office:516 883-4907 Fax:516 883-4909

Project Title: POWER TEN FITNESS CLUB

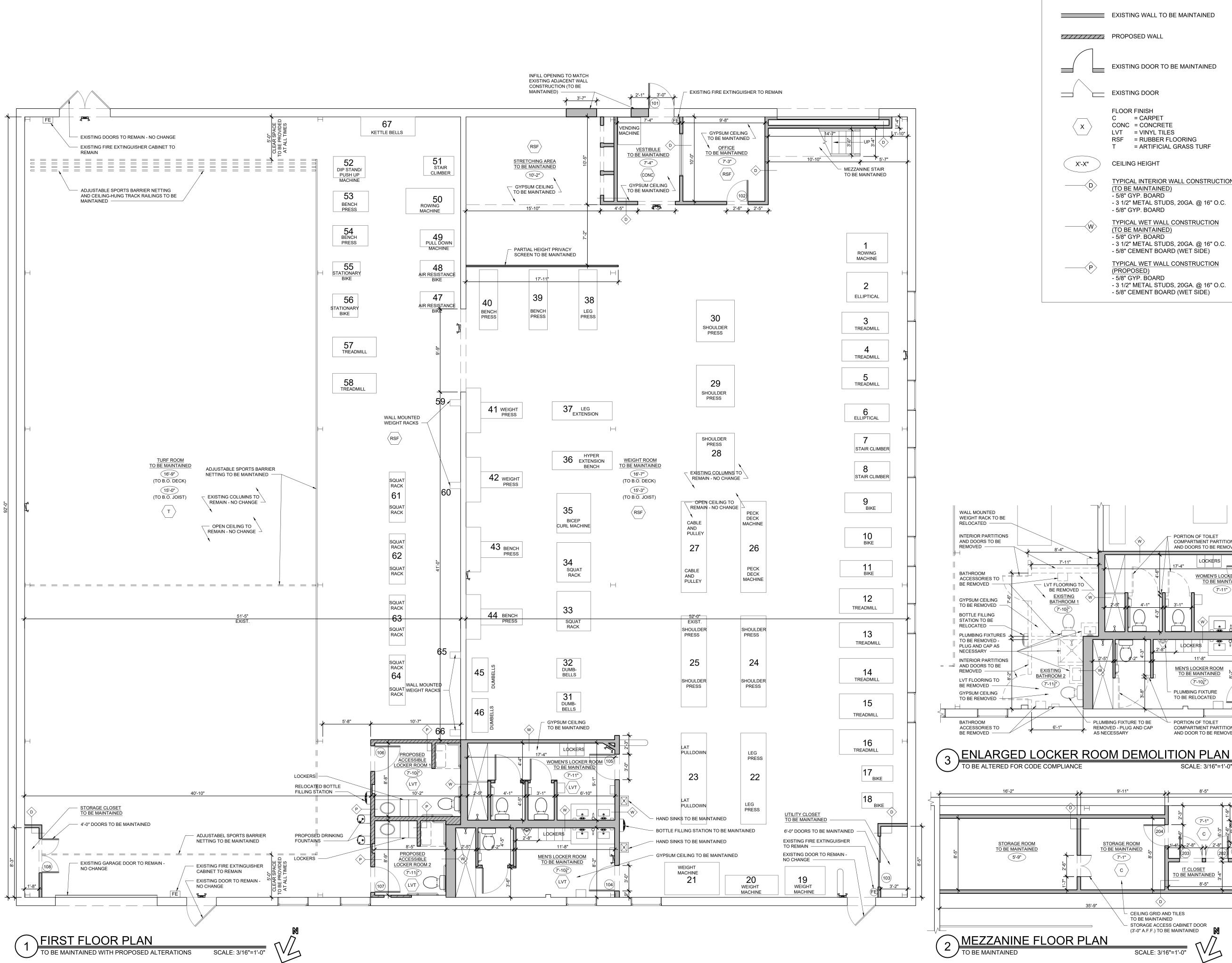
102 HARBOR ROAD PORT WASHINGTON, NY 11050 MAINTAIN EXISTING CONDITIONS; PROPOSED INTERIOR ALTERATIONS

SECTION 5 BLOCK A LOT 298
Drawing Title:

FIRST FLOOR DEMOLITION PLAN; LEGEND & NOTES

Job No.:	790.00	Drawing Number:
Scale:	AS_NOTED	DM-100
By:	CW	
Date:	03/15/2024	

SHEET 3 OF 7



		Building Department Use	Date	lssue
CONSTRU	CTION LEGEND			
	EXISTING WALL			
	EXISTING WALL TO BE MAINTAINED			
	PROPOSED WALL			
	EXISTING DOOR TO BE MAINTAINED			
	EXISTING DOOR			
×	FLOOR FINISH C = CARPET CONC = CONCRETE LVT = VINYL TILES RSF = RUBBER FLOORING T = ARTIFICIAL GRASS TURF			
X'-X"	CEILING HEIGHT			
	TYPICAL INTERIOR WALL CONSTRUCTION (TO BE MAINTAINED) - 5/8" GYP. BOARD - 3 1/2" METAL STUDS, 20GA. @ 16" O.C. - 5/8" GYP. BOARD	· · · · · · · · · · · · · · · · · · ·		OMISSION RESPONSE ISSUED FOR FILING
w	TYPICAL WET WALL CONSTRUCTION (TO BE MAINTAINED) - 5/8" GYP. BOARD - 3 1/2" METAL STUDS, 20GA. @ 16" O.C. - 5/8" CEMENT BOARD (WET SIDE)			
P	TYPICAL WET WALL CONSTRUCTION (PROPOSED)			

(PROPOSED) - 5/8" GYP. BOARD - 3 1/2" METAL STUDS, 20GA. @ 16" O.C. - 5/8" CEMENT BOARD (WET SIDE)

PORTION OF TOILET

7'-1"

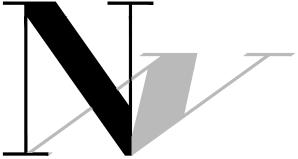
 $\langle c \rangle$

35'-9"

COMPARTMENT PARTITION

AND DOORS TO BE REMOVED





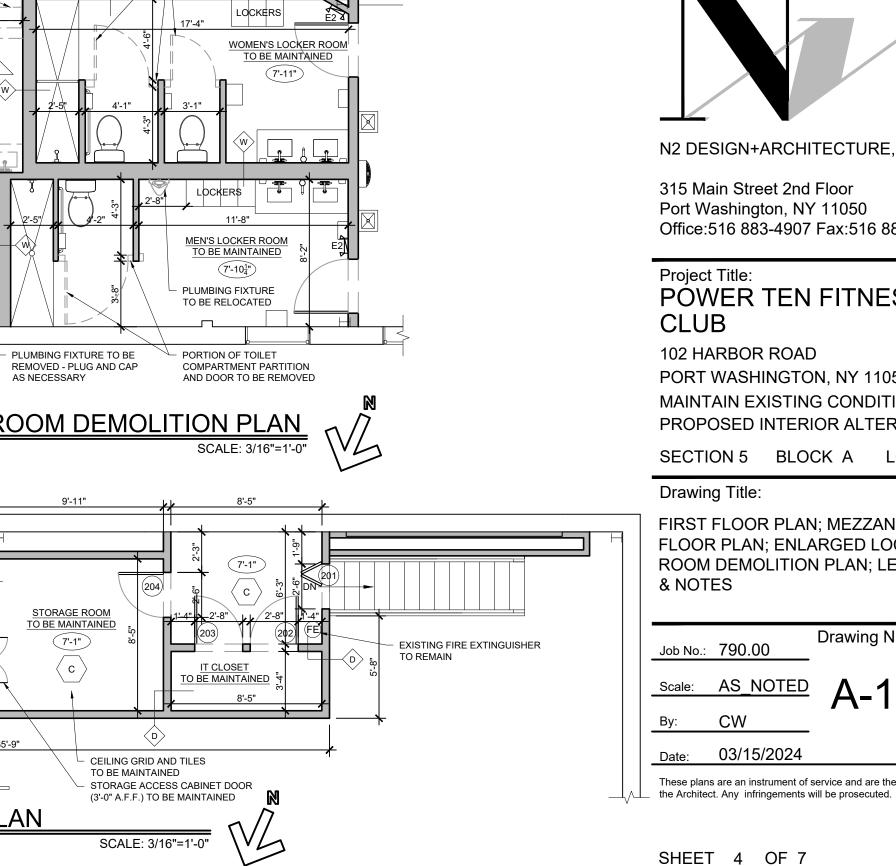
N2 DESIGN+ARCHITECTURE, P.C.

315 Main Street 2nd Floor Port Washington, NY 11050 Office:516 883-4907 Fax:516 883-4909

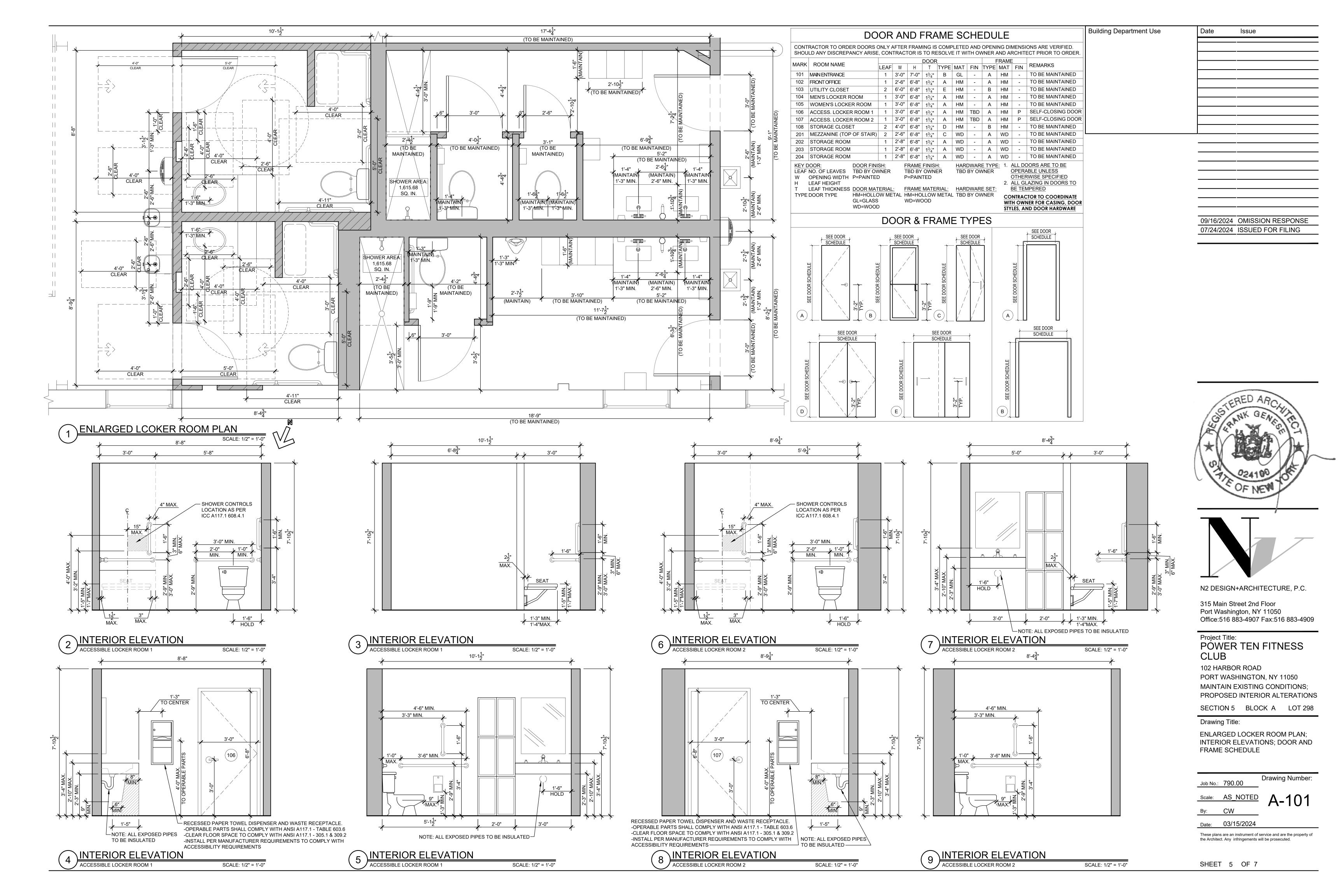
Project Title: PÓWER TEN FITNESS CLUB

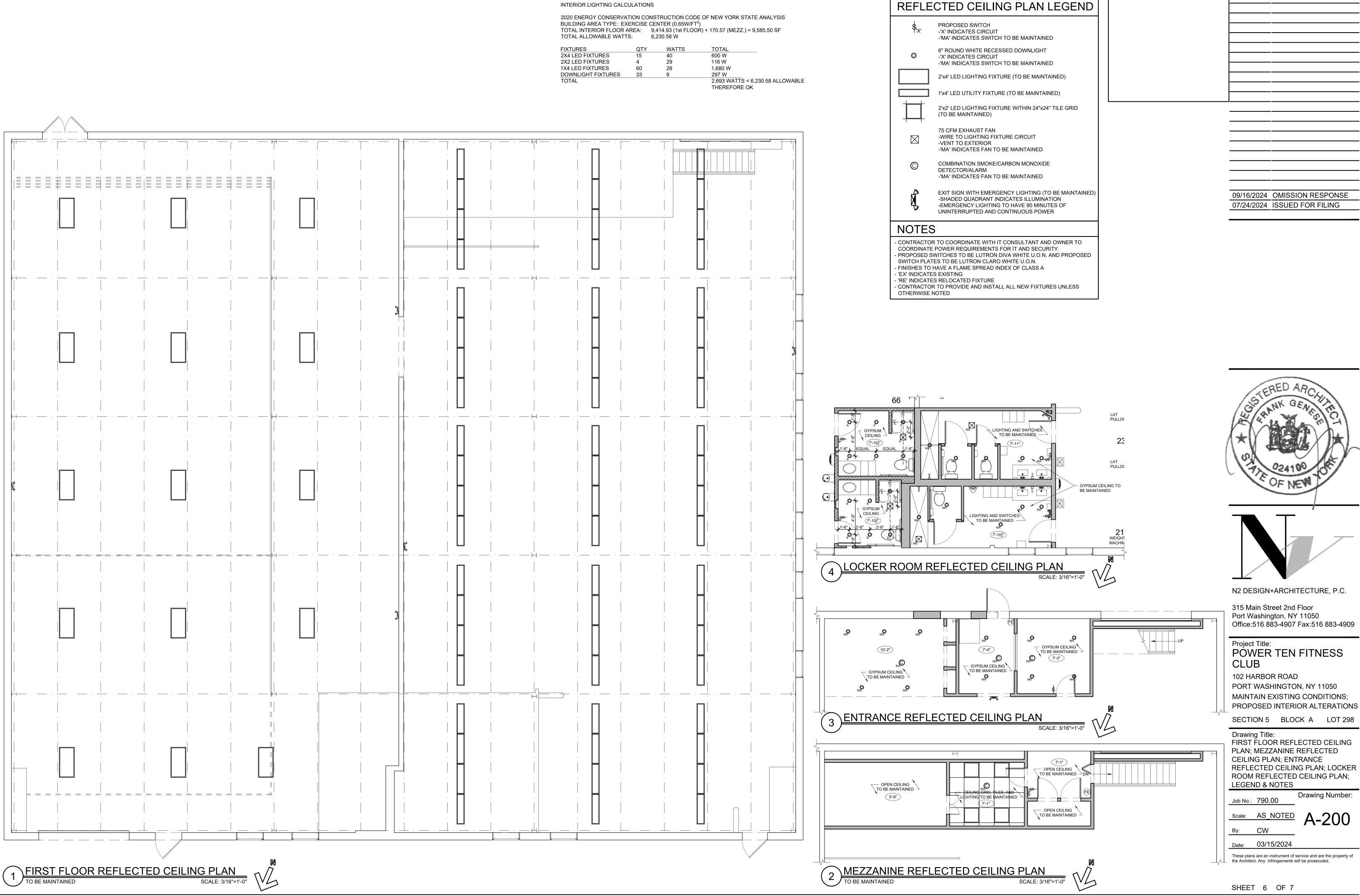
102 HARBOR ROAD PORT WASHINGTON, NY 11050 MAINTAIN EXISTING CONDITIONS; PROPOSED INTERIOR ALTERATIONS

SECH	ON 5	BLOCK	Α	LOT 298		
Drawir	ng Title:					
FIRST FLOOR PLAN; MEZZANINE FLOOR PLAN; ENLARGED LOCKER ROOM DEMOLITION PLAN; LEGEND & NOTES						
Job No.:	790.00) D	rawing	g Number:		
Scale:	AS_N	OTED	Δ_	100		
Scale: By:	AS_NO	OTED	A-	100		
			A-	100		



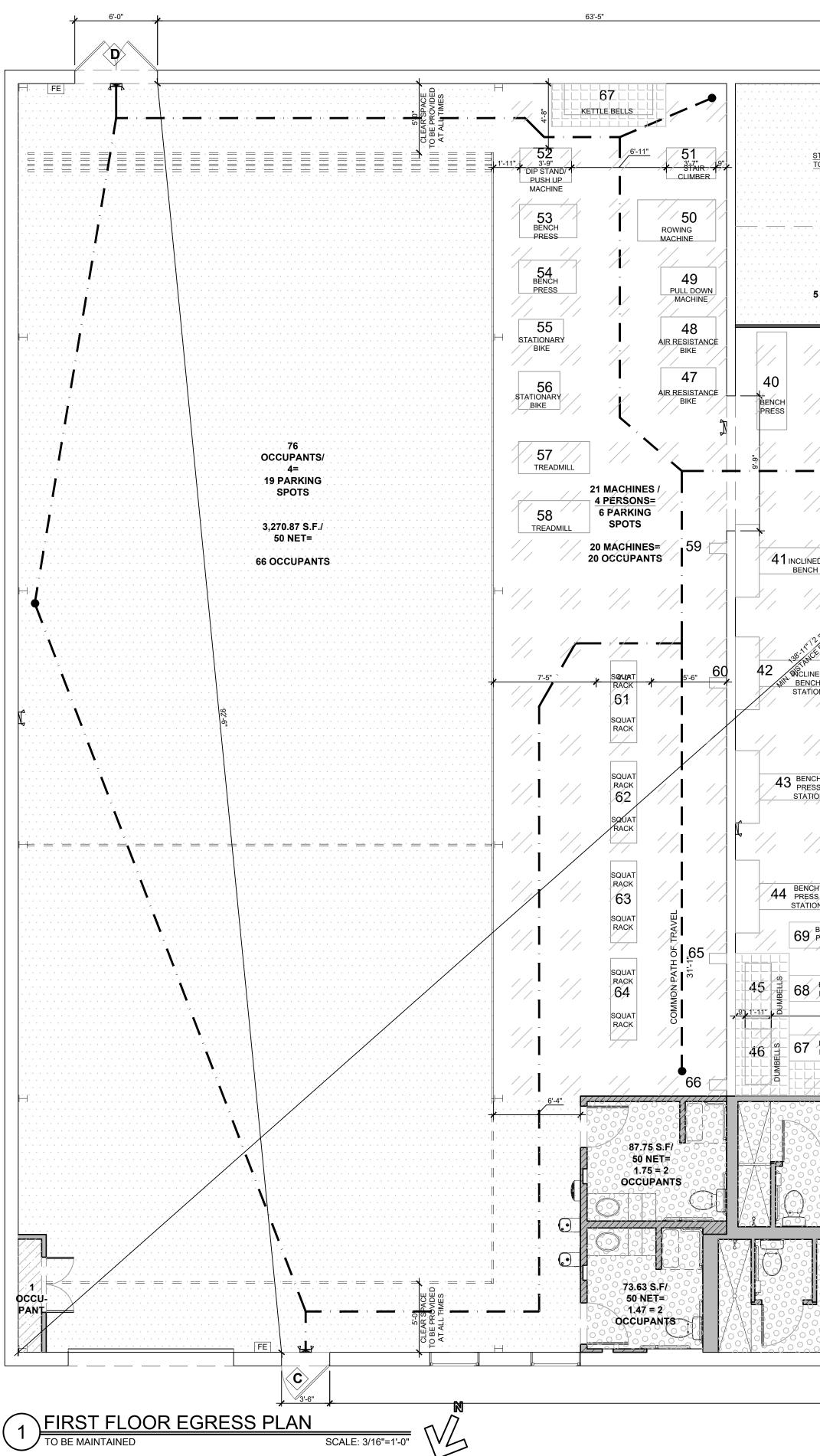






2	
2)	TO BE MAINTAINED

	Building Department Use	Date	lssue
CTED CEILING PLAN LEGEND			
PROPOSED SWITCH -'X' INDICATES CIRCUIT -'MA' INDICATES SWITCH TO BE MAINTAINED			·
6" ROUND WHITE RECESSED DOWNLIGHT -'X' INDICATES CIRCUIT -'MA' INDICATES SWITCH TO BE MAINTAINED			
2'x4' LED LIGHTING FIXTURE (TO BE MAINTAINED)			
1'x4' LED UTILITY FIXTURE (TO BE MAINTAINED)			
2'x2' LED LIGHTING FIXTURE WITHIN 24"x24" TILE GRID (TO BE MAINTAINED)			· ·
75 CFM EXHAUST FAN -WIRE TO LIGHTING FIXTURE CIRCUIT -VENT TO EXTERIOR -'MA' INDICATES FAN TO BE MAINTAINED			
COMBINATION SMOKE/CARBON MONOXIDE DETECTOR/ALARM -'MA' INDICATES FAN TO BE MAINTAINED			
EXIT SIGN WITH EMERGENCY LIGHTING (TO BE MAINTAINED) -SHADED QUADRANT INDICATES ILLUMINATION -EMERGENCY LIGHTING TO HAVE 90 MINUTES OF UNINTERRUPTED AND CONTINUOUS POWER			OMISSION RESPONSE ISSUED FOR FILING
TO COORDINATE WITH IT CONSULTANT AND OWNER TO POWER REQUIREMENTS FOR IT AND SECURITY. ITCHES TO BE LUTRON DIVA WHITE U.O.N. AND PROPOSED			



EGRESS LEGEND

	EXERCISE AREA (50 OCCUPANT/SF)	OFFICE AREA (150 OCCUPA
$\mathbf{P}_{\mathbf{c}}$	LOCKER ROOMS (50 OCCUPANTS/SF)	STORAGE/ME (300 OCCUPA
	COMMON PATH OF EGF 75'-0" MAX. (WITHOUT S	
	EXIT ACCESS TRAVEL	
		\square

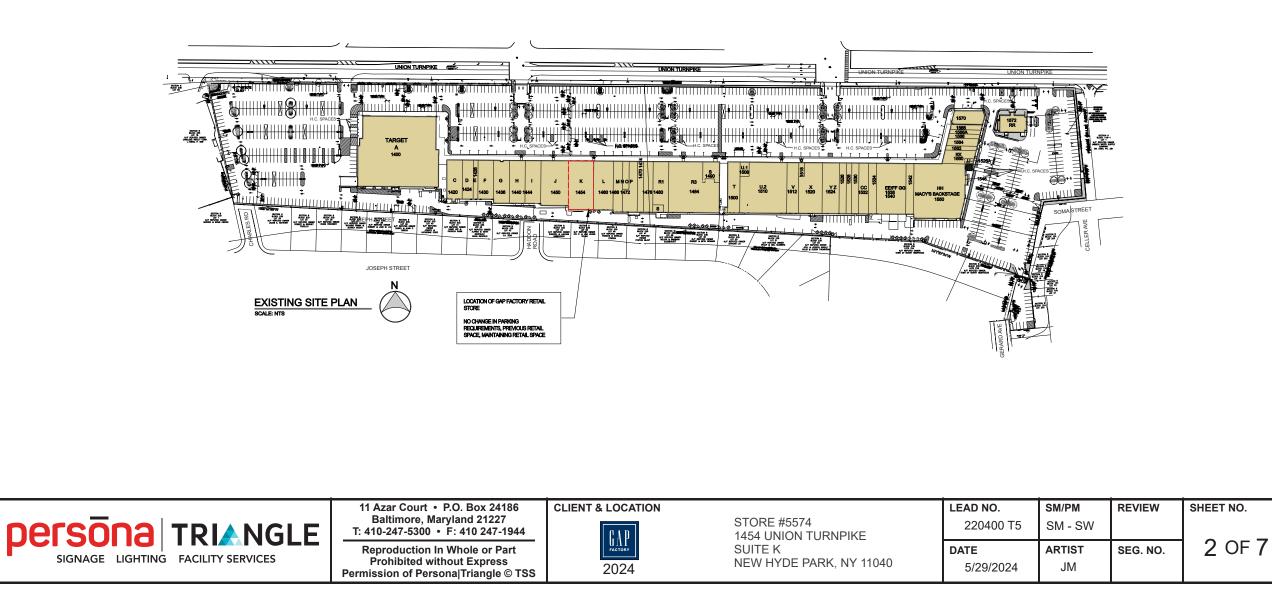
					01.01											
					3'-0"										2020 NYS BUILD	DING
								~~~~~					┓┲		MAXIMUM FLOOR ARE	
• • • •		· · · · · · · · · ·		VENDING MACHINE							<u> </u>				FIRST FLOOR	
STRE	TCHING ARE/	Δ		VEST TO BE MA	IBULE		<u>OFFICE</u> TO BE MAINTA	NNED	OCCUP						EXERCISE	50 \$
	<u>E MAINTAINEI</u>						2 IPANTS		-//		TRA	VEL			EXERCISE MACHINES	1 PI
	/7.08 s.f./ 50 NET=	· · · · · · · · · · · · · · · · · · ·		<u> </u>			<u>××××</u> ××××××××××××××××××××××××××××××××			COMMON	ATH OF 48:0	//			LOCKER ROOM	150
	4.54= CCUPANTS	<b>3</b>		1/,						-  //	F		//		BUSINESS SPACE	300
			<u></u> н	3	-							IACHÍNE			STORAGE/MECH.	300
//	39	3	8					//	///		EL	2			MACHINE ROOM (STANDING SPACE)	5 S
	BENCH PRESS		G ESS	i II.			30 HOULDER PRESS	///	//	-	TF	3 READMILL			MEZZANINE STORAGE/MECH.	
///			$\neq$		41 MACHIN 4 PERSON	NS=					TF	4 READMILL			MINIMUM EGRESS WID	
//	1/1	1/1			11 PARKI SPOTS			///	///		$\sum$	5			MAIN ENTRANCE	36"
	//[				42 MACHIN 8 OCCUPA	ANTS SH	29 IOULDER PRESS	///	1/,		ат				(PARKING LOT) MACHINE ROOM EXIT	40"
		37 LEC	SION	1/,					1/,	-		6 LIPTICAL			TURF ROOM EXIT (PARKING LOT)	42"
(2 ¹ 69)	ST HENEXIS	36 / H	(PER ENSION		Í	SF	ioulder press 28				s		R		TURF ROOM EXIT (DOUBLE DOORS)	60"
CLINED ENCH	//	101			-			X	.//		ST	8 TAIR CLIMBE	R		MEZZANINE STAIR	32"
TATION		35					*	94-3 PECK				9 віке			TRAVEL DISTANCE GROUP A-3	75'- (WI
//	//	BÍCEP CURL MACHINI				CABLE AND PULLEY		DECK				10			2020 NYS PLUM	IBIN
ENCH PRESS TATION	1/,			///		27	1/,	26		-//,		BIKE				REC
///	///	34 SQUAT RACK	] //,H	1/1		CABLE AND PULLEY	///	PECK DECK MACHINE				11 віке			MINIMUM PLUMBING FACILITIES 403.1 ASSEMBLY A-3	163
ENCH RESS ATION	1/1	33 SQUAT	1/1	///	-//		///		X			12 EADMILL			WATER CLOSETS	MA FE
9 PRE	CH SS	RACK		///	-///	SHOULDER PRESS	//	SHOULDER PRESS		-//	Т	13 READMILL			LAVATORIES	MA FE
8 BEN PRE	існ /	32 FIXED CURL BAR RACK	//	//	- - -	25	//	24	//		//	14			BATHTUBS/SHOWERS	
99 PRE 8'-1	/ /	BAR RACK		11'-10"	-	SHOULDER PRESS	10'-0"	SHOULDER PRESS		_ 8'-8"		READMILL 6'-4"	<u>1'-8"</u>		OTHER	1 P
		FIXED CURL BAR RACK			<u>-</u> ///		///					15 EADMILL			1. THE PLUMBING FIX CONTRIBUTE TOWA SPACE, AND SHALL	ARDS
				<b> </b>	-///	LAT PULLDOWN	///	LEG			TR	16 EEADMILL			(NYS PC 403.1.1). 2. IN EACH BATHROOM THE REQUIRED WA	MOR
		157.05	Do C =T	///		23	///	PRESS 22	//		///	17 віке			OCCUPANCIES (NY 3. WHERE DRINKING F PROVIDED. ONE DR	FOUN [.] RINKIN
				$\mathbf{X}$		LAT PULLDOWN	///	LEG	///		///	18 Bikst		1	WHEELCHAIR AND PERSONS (NYS PC	
					-/ /		///	PRESS	///	- //	///	1,10				
0000	0153.32	SFL CO				4'-6"				L						
	50 NE 3.06 - 0CCUP		2000			21		20/		9//			1 DCCU- PANT			
0000								WEIGHT MACHINE								
	74'-5"										B	3'-4"				
															BE MAINTAINED	<u>.SS</u>

	]	Building Department Use	Date Issue
REA MACHINE			
UPANTS/SF) (1 OCCUF E/MECHANICAL STANDIN	PANT PER MACHINE) G		
· · · · · · · · · · · · · · · · · · ·	PANTS/SF)		
LED EXIT SIGN WITH EMERGENCY LI -SHADED QUADRANT INDICATES ILL -EMERGENCY LIGHTING TO HAVE 90	UMINATION		· · · · · · · · · · · · · · · · · · ·
OF UNINTERRUPTED CONTINUOUS I	POWER		
PROPOSED WALL MOUNTED EMERGE LIGHTING FIXTURE -90 MINUTES MINIMUM	GENCY		
	[		
NG CODE OCCUPANCY (	<b></b>		
REQUIREMENT ALLOWANCES PER OCCUPANT (SE	PROPOSED CTION 1004.5)		
50 SQ. FT GROSS	TURF ROOM= STRETCHING AREA=	3,270.72 / 50 = 65.41 = 66 277.08 / 50= 5.54= 6	
1 PERSON PER MACHINE	TURF ROOM/MACHINI 52 SINGLE USER MAC	E ROOM: HINES= 52	09/16/2024 OMISSION RESPONSE
	10 DOUBLE USER MAG		07/24/2024 ISSUED FOR FILING
150 SQ. FT. GROSS			
200 00 FT 0D000	OFFICE & VESTIBULE	: 169.29 / 150 = 1.13 = 2	
300 SQ. FT. GROSS	STORAGE & UTILITY:	76.40 / 300 = 0.25 = 1	
300 SQ. FT. GROSS	TOTAL FIRST FLOOR		
5 SQ. FT. NET	DUMBBELL RACKS= 7 KETTLE BELL RACK= 2		
	STORAGE: TOTAL MEZZANINE =	170.57 / 300 = 0.36 = 1 1 OCCUPANT	
	TOTAL OCCUPANCY	= 163 OCCUPANTS	
H AND NUMBER (SECTIONS 1005 &	, 		
36" DOOR / 0.2 = 180 OCC. LOAD		S (FIRST FLOOR + MEZZANINE) AD 48 < 180 THEREFORE OK	
40" DOOR / 0.2 = 200 OCC. LOAD		S (FIRST FLOOR + MEZZANINE) AD 48 < 200 THEREFORE OK	STERED ARCH
42" STAIR / 0.2 = 210 OCC. LOAD		S (FIRST FLOOR + MEZZANINE) AD 48 < 210 THEREFORE OK	E ERANNIE E E
60" STAIR / 0.2 = 300 OCC. LOAD		S (FIRST FLOOR + MEZZANINE) D 48 < 300 THEREFORE OK)	$(\star)$
32" STAIR / 0.3 = 106 OCC. LOAD	2 OCCUPANTS (	,	024100
75'-0" MAX. TRAVEL DISTANCE (WITHOUT SPRINKLER SYSTEM)	48'-0" < 75' THER	EFORE OK	OFNEN
ING CODE PLUMBING FI		ATIONS	/
REQUIREMENT		PROPOSED	
REQUIREMENT		PROPOSED	
163 TOTAL OCCUPANTS 81 MALE/82 FEMALE			
MALE: 1 PER 125 OCCUPANTS FEMALE: 1 PER 65 OCCUPANTS	0.65 REQUIRED (1) 1.26 REQUIRED (2)	3 ¹ PROVIDED (1 URINAL) ² 3 ¹ PROVIDED	N2 DESIGN+ARCHITECTURE, P.C.
MALE: 1 PER 200 OCCUPANTS FEMALE: 1 PER 200 OCCUPANTS	0.40 REQUIRED (1) 0.41 REQUIRED (1)	3 ¹ PROVIDED 3 ¹ PROVIDED	315 Main Street 2nd Floor
NOT REQUIRED	0 REQUIRED	4 ¹ PROVIDED	Port Washington, NY 11050
1 PER 500 OCCUPANTS	2 REQUIRED ³	2 PROVIDED ³	Office:516 883-4907 Fax:516 883-4909
1 SERVICE SINK	1 PROVIDED	1 PROVIDED	Project Title: POWER TEN FITNESS
IRES LOCATED IN SINGLE-USER TO DS THE TOTAL NUMBER OF REQUI E DEDUCTED PROPORTIONATELY,	RED PLUMBING FIXTUR	ES FOR A BUILDING OR TENANT	CLUB 102 HARBOR ROAD
OR TOILET ROOM, URINALS SHALL			PORT WASHINGTON, NY 11050
ER CLOSETS FOR MALES ACCORDIN PC 424.2).			MAINTAIN EXISTING CONDITIONS; PROPOSED INTERIOR ALTERATIONS
UNTAINS ARE REQUIRED, NOT FEV IKING FOUNTAIN SHALL COMPLY W	ITH THE REQUIREMENT	S FOR PEOPLE WHO USE A	SECTION 5 BLOCK A LOT 298
NE DRINKING FOUNTAIN SHALL CON 0.3).	MPLY WITH THE REQUIF	REMENTS FOR STANDING	Drawing Title:
			FIRST FLOOR EGRESS PLAN; MEZZANINE EGRESS PLAN; NYS
			BUILDING AND PLUMBING CODE CALCULATIONS; LEGEND & NOTES
		E>	·
			Job No.: 790.00 Drawing Number:
			Scale: AS_NOTED A-300
			By: CW
			Date: 03/15/2024
	5.0		These plans are an instrument of service and are the property of the Architect. Any infringements will be prosecuted.
S PLAN	N ∧ /		-
SCALE: 3/16"=1'-0"	V		SHEET 7 OF 7

SIGN #	SIGN TYPE/ DESCRIPTION	QTY.	- CAD
В	7'-0" PATCH W/ 14" LTRS HORIZONTAL	ONE (1)	- UAI FACTORY
			2024
			STORE #5574 1454 UNION TURNPIKE SUITE K NEW HYDE PARK, NY 110
			VICINITY MAP
			At Lake Success Crante Buildings Crante Buildings Crante Buildings Union Tpte Union Tpte K. Pacho Union Chyo Energy SEPHORA
			Nassau-Queens Endodontics:PC
			Ave paton Bive et americe St Esancam control de Lamerice St Esancam control de Lamerice St Colette Coyne Melanoma

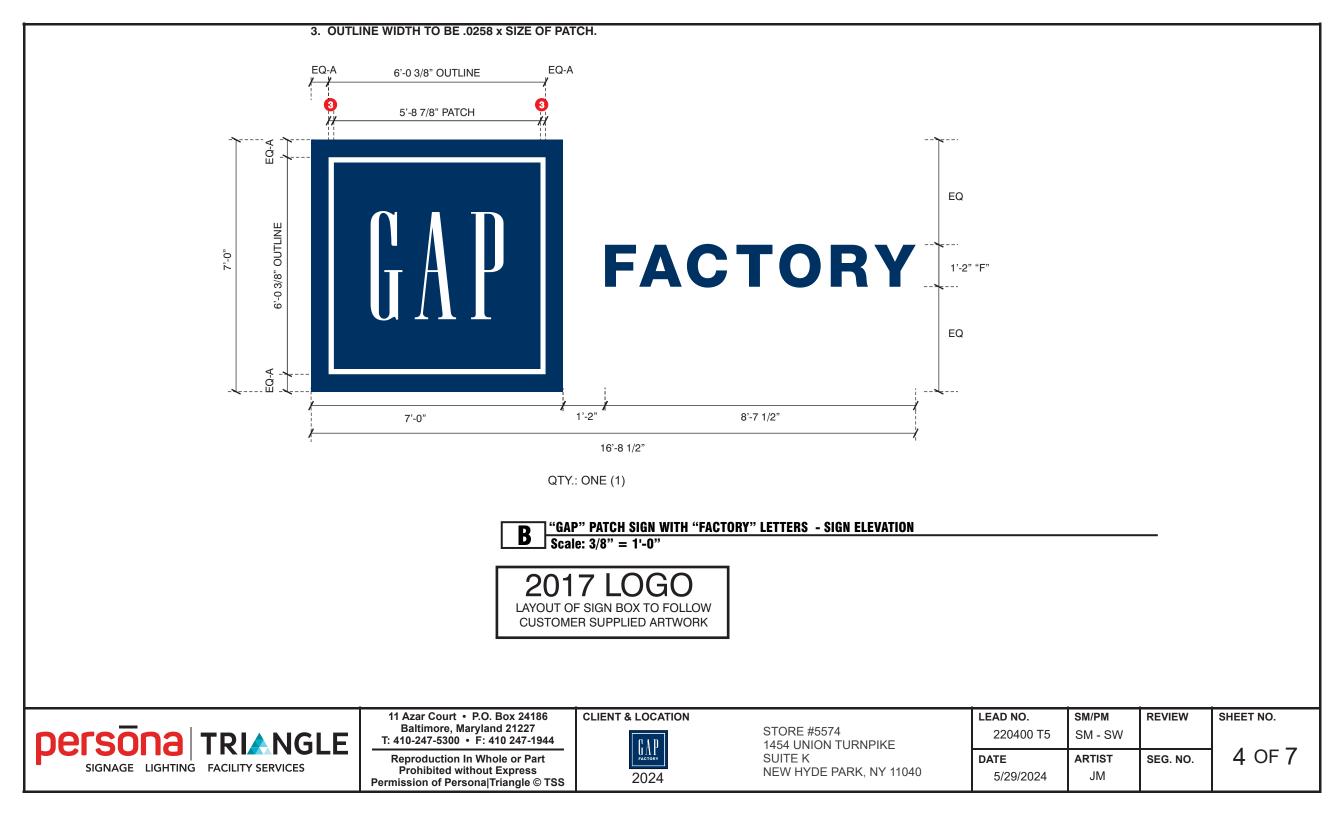


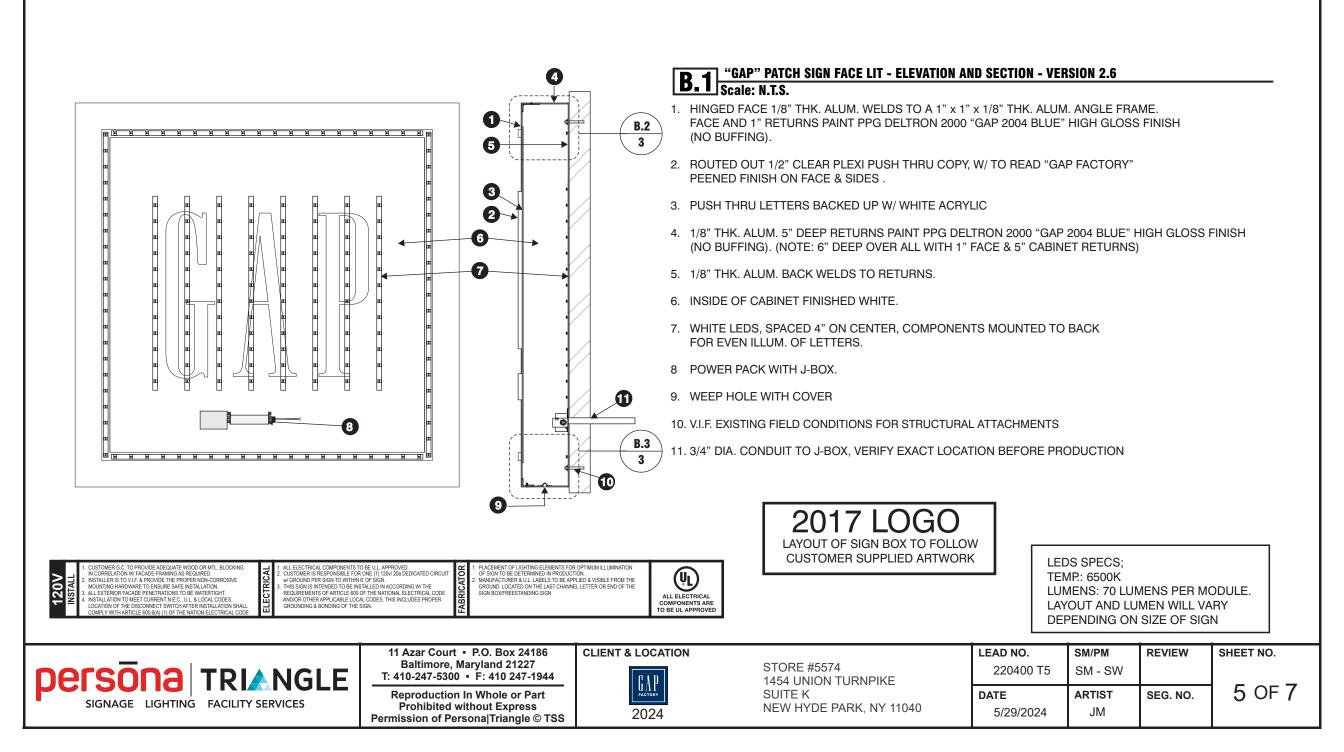




### STORE FRONT ELEVATION SCALE: 1/8" = 1'-0" NOTE: ANY SIGNS ABOVE 19' FROM B **FINISH FLOOR REQUIRES A VARIANCE** "GAP" PATCH SIGN WITH "FACTORY" LETTERS (1) EQ EQ LEASE LINE 16'-8 1/2" 17 +1 - LEASE LINE <u>25'-3" A.F.F.</u> <u>23'-6" A.F.F.</u> ∳ B.O. PARAPET ∲ EQ 19'-0" **FACTORY** 1'-2" "F" 7'-0" A.F.F. uAI EQ 13'-11" A.F.F. T.O. ARCH 10'-4" A.F.F. T.O. STOREFRONT $\mathbb{N}$ $\mathbb{N}$ #Ŵ <u>7'-0" A.F.F.</u> T.O. DOOR -0 $\mathbb{N}$ $\mathbb{N}$ Ŵ Ŵ Ŵ $\mathscr{M}$ $\mathbb{N}$ Ŵ Ŵ $\mathscr{M}$ S/ Ø $\langle \diamond \rangle$ 0'-0" FINISH FLOOR 63'-7" LEASE LINE 11 Azar Court • P.O. Box 24186 **CLIENT & LOCATION** LEAD NO. SM/PM SHEET NO. REVIEW Baltimore, Maryland 21227 **persona** TRIANGLE STORE #5574 220400 T5 SM - SW T: 410-247-5300 • F: 410 247-1944 GAP 1454 UNION TURNPIKE 3 OF 7 **Reproduction In Whole or Part** SUITE K ARTIST SEG. NO. DATE SIGNAGE LIGHTING FACILITY SERVICES Prohibited without Express NEW HYDE PARK, NY 11040 2024 5/29/2024 JM

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### SECTION DETAIL NOTES

- 1. HINGED FACE 1/8" THK. ALUM. WELDS TO A 2" x 2" x 1/4" THK. ALUM. ANGLE FRAME. FACE AND 2" RETURNS. PAINT PPG DELTRON 2000 "GAP 2004 BLUE" HIGH GLOSS FINISH (NO BUFFING).
- 2. 2" x 2" x 1/4" THK. ALUM. ANGLE FRAME.
- 3. 1" ALUM. PIANO HINGE AT TOP WELDS TO 2" ANGLE FRAME AND POP-RIVETS TO THE RETURN.
- 4. 3/16" POP-RIVET W/ A WASHER
- 5. 1/8" THK. ALUM. 4" DEEP RETURNS. PAINT PPG DELTRON 2000 "GAP 2004 BLUE" HIGH GLOSS FINISH (NO BUFFING). (NOTE: 6" DEEP OVER ALL WITH 2" FACE & 4" CABINET RETURNS)
- 6. CONTINUOUS BEAD OF SEALANT
- 7. 1/8" THK, ALUM, BACK, WELDS TO RETURNS.
- 8. V.I.F. EXISTING FIELD CONDITIONS FOR STRUCTURAL ATTACHMENTS
- 9. 6/32 FLAT HEAD FLUSH MOUNTING SCREW AT BOTH ENDS PAINT PPG DELTRON 2000 "GAP 2004 BLUE" HIGH GLOSS FINISH (NO BUFFING).
- 10. 1/8" THK. CONT. ALUM. FLAT BAR WELDS TO RETURNS
- 11. 1/4" WEEP HOLE W/ COVER
- 12. TWO (2) PIECES OF 1'-0" LONG x 2" x 2" ALUM. ANGLE WELDS @ TOP OF SIGN, CENTERED ON RETURN. EXACT PLACEMENT DETERMINED IN PRODUCTION.
- 13. 1/2" NUT WELDS TO 1'-0" LONG x 2" x 2" ALUM. ANGLE. ONE (1) BOLT PER ANGLE. NUT TO ALLOW TEMPORARY MOUNTING OF 1/2" EYE-BOLT FOR SIGN INSTALLATION.
- 14. SUPPLY TWO (2) 1/2" BOLTS, BOLTS MOUNTS IN HOLES AFTER INSTALLATION. BOLTS FINISH TO MATCH RETURNS.
- 15. ROUTED OUT 1/2" CLEAR PLEXI PUSH THRU LOGO COPY OUTLINE, PEENED FINISH ON FACE & SIDES
- 16. PUSH THRU LETTERS BACKED UP W/ WHITE ACRYLIC



ALL ELECTRICAL COMPONENTS TO BE U.L. APPROVED. CUSTOMER IS RESPONSIBLE FOR ONE (1) 120v/ 20a DEDICATED CIRCUIT TRICAL COMPONENTS / GROLIND PER SIGN TO WITHIN 6' OF SIGN HIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDING W/ THE REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING & BONDING OF THE SIGN.

11 Azar Court • P.O. Box 24186

Baltimore, Maryland 21227

T: 410-247-5300 • F: 410 247-1944

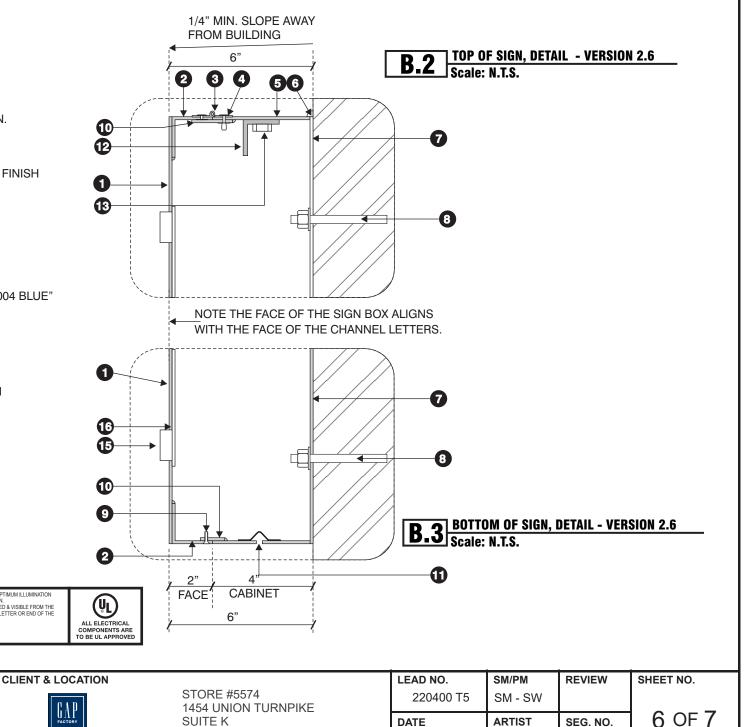
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OF SIGN TO BE DETERMINED IN PRODUCTION MANUFACTURER & U.L. LABELS TO BE APPLIED & VISIBI F FROM THE GROUND. LOCATED ON THE LAST CHANNEL LETTER OR END OF THE SIGN BOX/ERFESTANDING SIGN

2024

PLACEMENT OF LIGHTING ELEMENTS FOR OPTIMUM ILLUMINATION



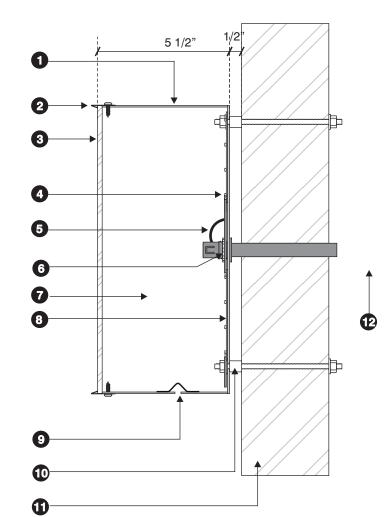
5/29/2024

JM

NEW HYDE PARK. NY 11040

SIGNAGE LIGHTING FACILITY SERVICES Permission of PersonalTriangle © TSS

### NOTE: OPTIONAL DAY/NITE FACES FOR LIGHT FASCIA COLOR **REQUIRES STORE DESIGN APPROVAL** TO USE THIS SIGN.



### | "FACTORY" LETTERS FACE LIT - TYPICAL SECTION - VERSION 2.6 B.4 Scale: N.T.S.

- 1. .040 ALUM. 5 1/2" DEEP RETURNS SPACED OFF FASCIA 1/2" -PAINT PPG DELTRON 2000 "GAP 2004 BLUE" HIGH GLOSS FINISH (NO BUFFING).
- 2. TRIM CAPS PAINT PPG DELTRON 2000 "GAP 2004 BLUE" HIGH GLOSS FINISH (NO BUFFING).
- 3. 1/8" THK. WHITE PLEXIGLAS FACE W/ 3M PERFORATED VINYL PAINT PPG DELTRON 2000 "GAP 2004 BLUE" HIGH GLOSS FINISH (NO BUFFING).
- 4. WHITE LEDS, NOTE: PLACEMENT OF LED'S FOR OPTIMUM ILLUMINATION OF LETTERS TO BE DETERMINED IN PRODUCTION
- 5. U/L APPROVED LOW VOLTAGE WIRE 18GA
- 6. WALL BUSTER UL PASSTHRU. WRAP W/ VINYL FINISHED TO MATCH FASCIA
- 7. PRIME AND FOG INTERIOR WHITE (EXCEPT PLEXI)
- 8. .063 ALUM. BACK
- 9. 1/4" DIA. WEEP HOLE W/ COVER
- 10. 1/4/20 ALLTHREAD W/ NUTS AND WASHERS AND A 5/16" I.D. 1/2" LONG COVER SLEEVE FINISHED TO MATCH FASCIA, ALL THREAD THROUGH TO PLYWOOD BACKING OR DIRECTLY TO METAL STUDS.
- 11. EXISTING FASCIA.
- 12. REMOTE 120V LED POWER SUPPLY.

CUSTOMER G.C. TO PROVIDE ADEQUATE WOOD OR MTL. BLOCKING IN CORRELATION W/ FACADE FRAMING AS REQUIRED. INSTALLER IS TO V.I.F. & PROVIDE THE PROPER NON-CORROSIVE 20 MOUNTING HARDWARE TO ENSURE SAFE INSTALLATION. ALL EXTERIOR FACADE PENETRATIONS TO BE WATERTIGHT INSTALLATION TO MEET CURRENT N.E.C., U.L. & LOCAL CODES. LOCATION OF THE DISCONNECT SWITCH AFTER INSTALLATION SHALI MPLY WITH ARTICLE 600.6(A) (1) OF THE NATION FLECTRICAL C

ALL ELECTRICAL COMPONENTS TO BE U.L. APPROVED. CUSTOMER IS RESPONSIBLE FOR ONE (1) 120v/ 20a DEDICATED CIRCUIT w/ GROUND PER SIGN TO WITHIN 6' OF SIGN. THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDING W/ THE REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING & BONDING OF THE SIGN.





LEDS SPECS: TEMP:: 6500K LUMENS: 70 LUMENS PER MODULE. LAYOUT AND LUMEN WILL VARY DEPENDING ON SIZE OF SIGN



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STORE #5574 1454 UNION TURNPIKE SUITE K NEW HYDE PARK, NY 11040

<b>LEAD NO.</b> 220400 T5	SM/PM SM - SW	REVIEW	SHEET NO.
<b>DATE</b> 5/29/2024	ARTIST JM	SEG. NO.	7 OF 7



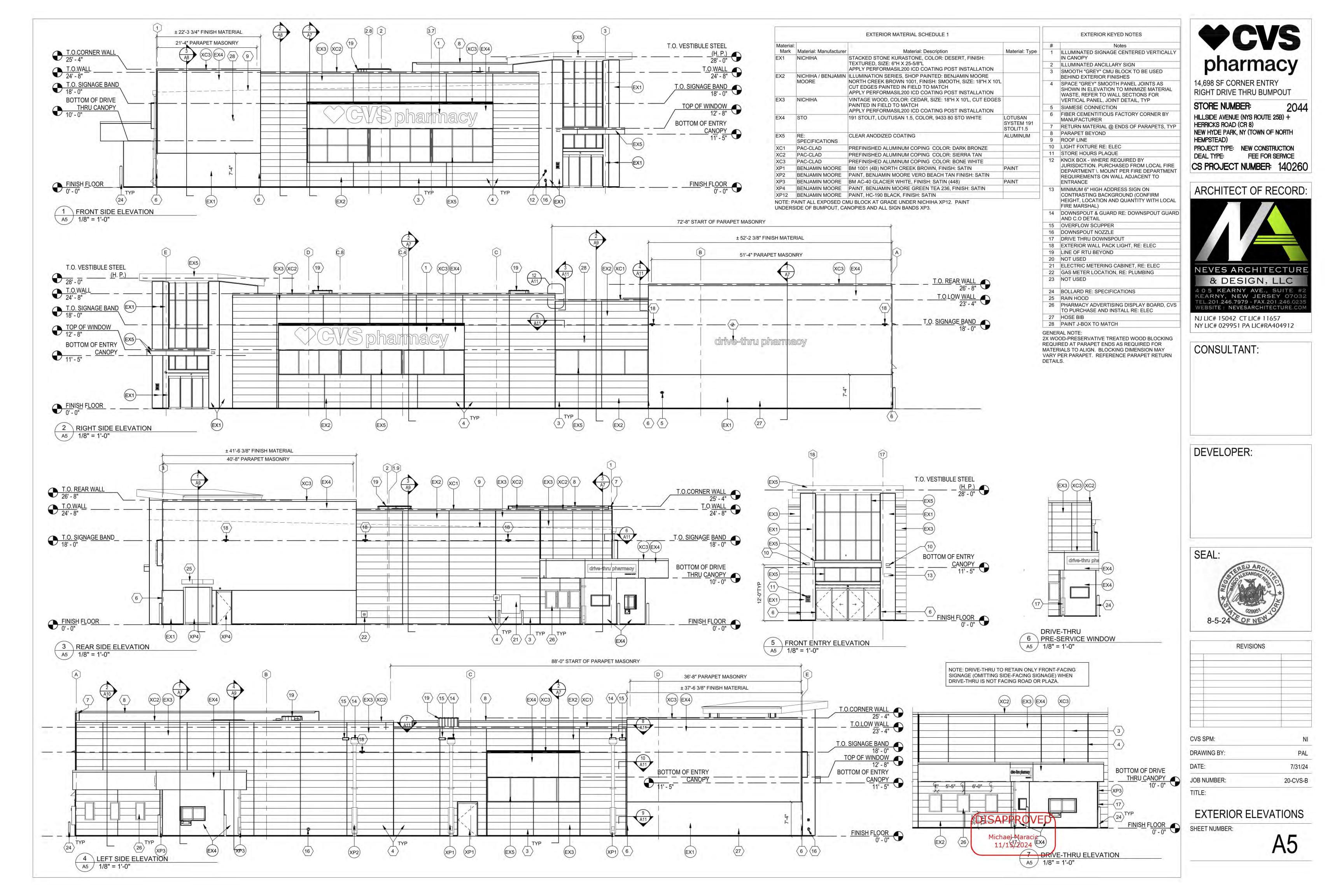






**EXTERIOR PERSPECTIVE - RECEIVING** 







Store 2044 33

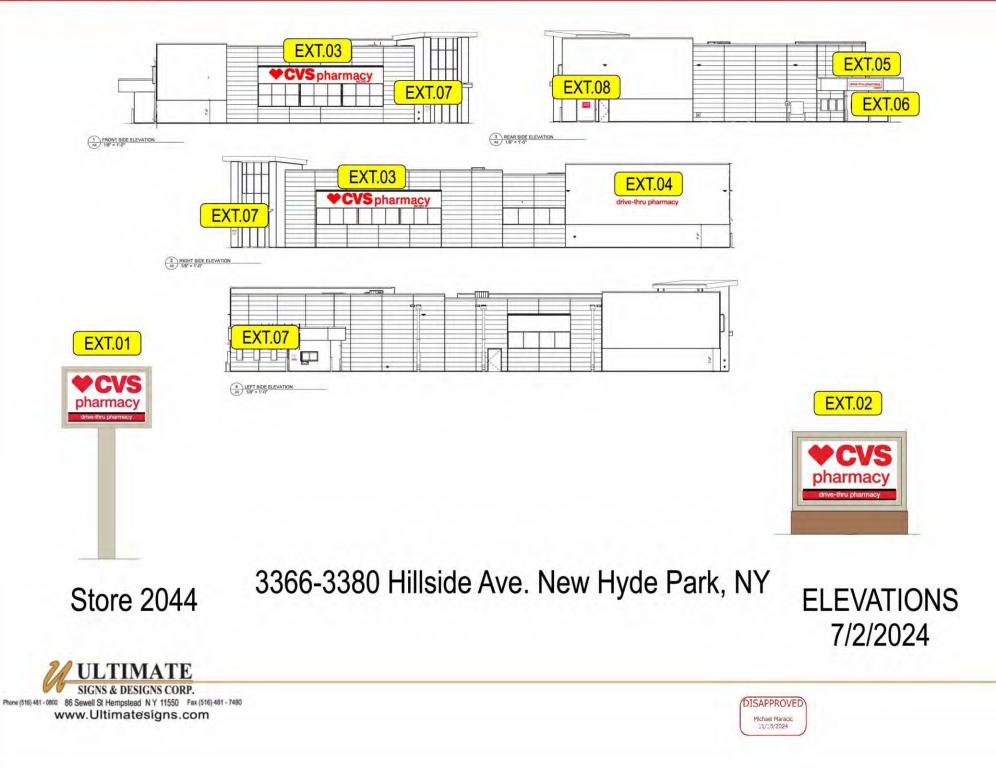
3366 - 3380 Hillside Ave. New Hyde Park, NY



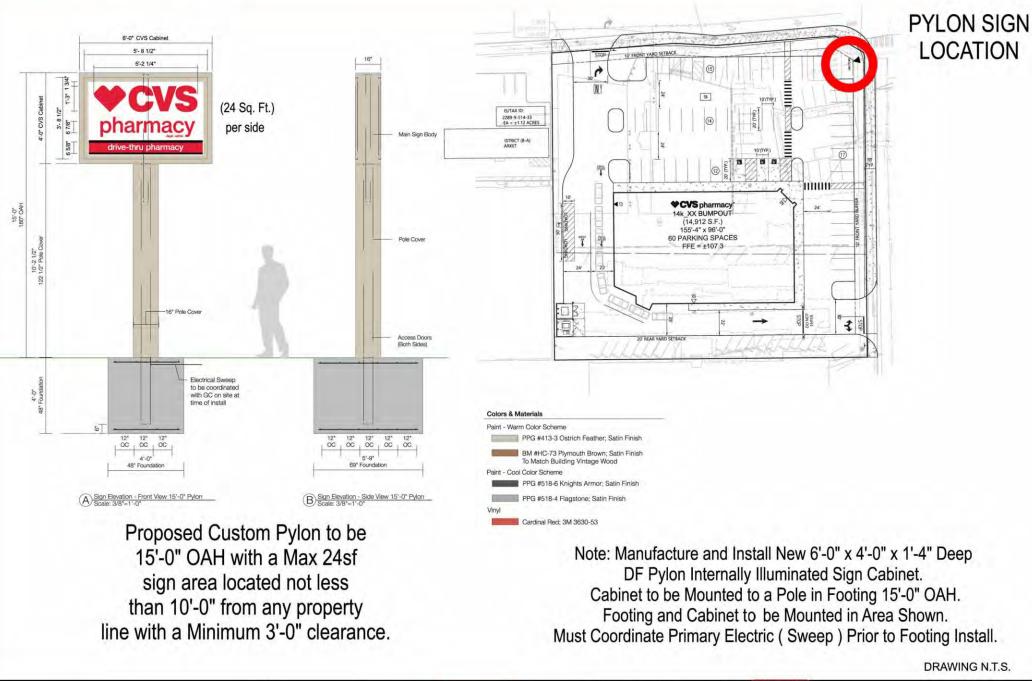
Phone (516) 481 - 0800 86 Sewell St Hempstead N Y 11550 Fax (516) 481 - 7480 www.Ultimatesigns.com



## **CVS**pharmacy

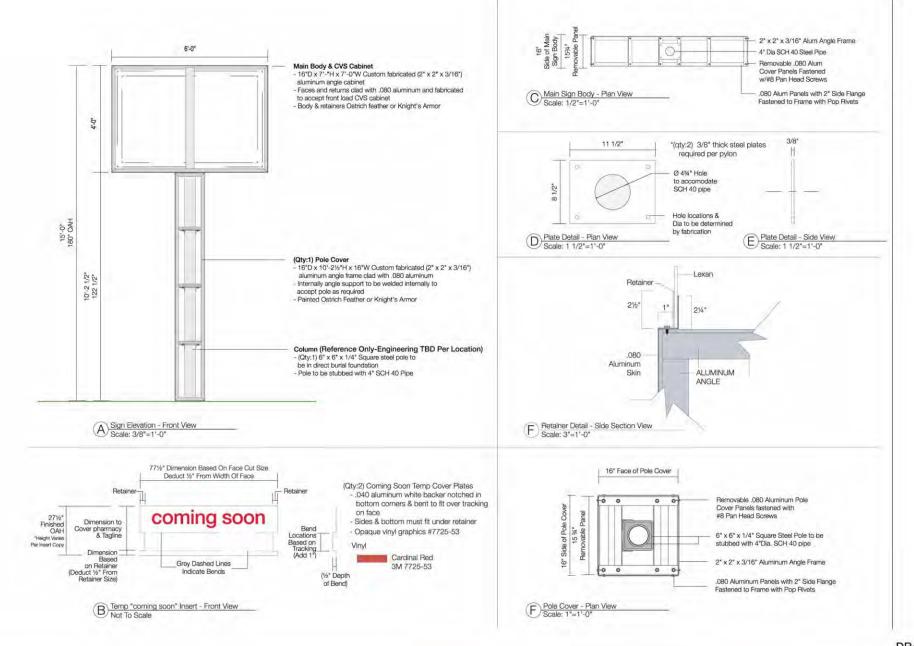


## CVS pharmacy EXT.01



	-	Job		Store # 2044	Revision / Date / Notes:	Approval Approved	
<b>ULTIMATE</b> SIGNS & DESIGNS CORP.	created by Ultimate Segme and Designs Corp. It is submitted for your personal use in origination with a project being planned for you by Ultimate Scare and Designs Corp. The drawing	Number: Date: 10/09/2024	*cvs	Store # 2044		Client Approval:	Date:
Phone (516) 481 - 0800 86 Sewell St Hempstead N Y 11550 Fax (516) 481 - 7480 www.Ultimatesigns.com	shall not be reproduced, used by an disclosed in any firm or corporation for any purpose whybuow without written permission.	Drawing Page #3		3366-3380 Hillside Ave. New Hyde Park, NY		Landlord Approval:	Date:

## **CVS**pharmacy EXT.01 DETAIL

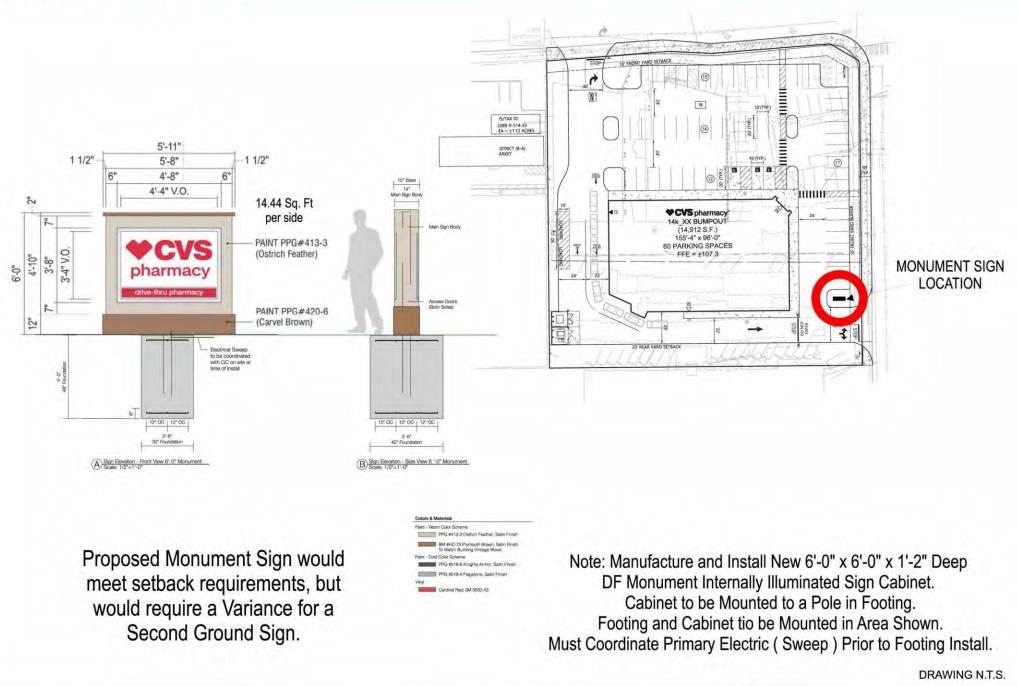


DRAWING	N.T.S.

	Data of paint statistical factors	Job		Store # 2044	Revision / Date / Notes:	Approval	
ULTIMATE	zweitet he Ulimate Signe per Designe Carp. E is mitmitlief for your personal care in motiverflate with a project being stanmet for you for	Number: Date: 10/09/2024	*CVS	31018 # 2044		Client Approval	Date:
VIGNS & DESIGNS CORP. Phone (516) 481-0800 86 Sewell St Hempstead N Y 11550 Fax (516) 481-7480	Utimate Stars and Designa Cerp. The drawing, titled not be regenitized, used by ar disclosed to any first or corporation for any porpose whistower without writter permission.	Drawn By: A Meli Drawing Page #4	pharmacy	3366-3380 Hillside Ave.		Landlord Approval:	Date:
www.Ultimatesigns.com		Number:		New Hyde Park, NY	-		

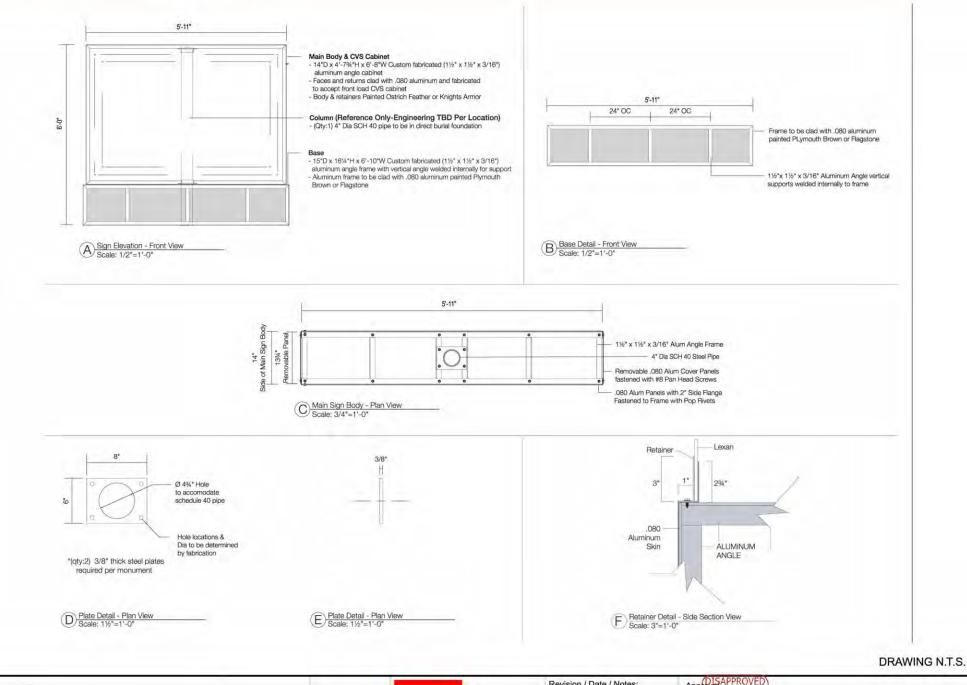
### CVS pharmacy EXT.02

Phone



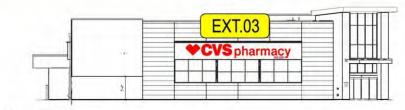
	This is an original unpublicited drawing	Job		Store # 2044	Revision / Date / Notes:	Approval	
<b>ULTIMATE</b> SIGNS & DESIGNS CORP.	president by Ultimate Signa and Designa Corp. It is submitted for your personal use in conjunction with a project being planning for you by Ultimate Signa and Designa Corp. This drawing	Date: 10/09/2024 Drawn By: A Meli	<b>CVS</b>	31018 # 2044		Client Approval	Date:
(516) 481 - 0800 86 Sewell St Hempstead NY 11550 Fax (516) 481 - 7480 www.Ultimate'signs.com	shall no be reproduced, used by ar declosed to any firm or corporation for any purpose wholeover without entitien permission.	Drawing Page #5	pharmacy	3366-3380 Hillside Ave. New Hyde Park, NY		Landlord Approval:	Date:

## **CVS**pharmacy EXT.02 DETAIL



9.4 LIL TELA A TELE	Data or spins spatial from	Job		Store # 2044	Revision / Date / Notes:	Арр	DISAPPROVED	
ULTIMATE	zvestiet by Litrate Says per Designs Carp. It is autoritied for your personal care in entransities with a project being planned for you for	Number: Date: 10/09/2024	*CVS	31018 # 2044		Clier	Michael Maracic Approval:	Date:
SIGNS & DESIGNS CORP. Phone (516) 481 - 0800 86 Sewell St Hempstead N Y 11550 Fax (516) 481 - 7480	Ultrain Supra and Despis Cety. The drawing, Wall not be monitored, used by at disclosed to any line or coposition for any purpose whiteover without writter permission.	Drawn By: A Meli Drawing Page #6	pharmacy	3366-3380 Hillside Ave. New Hyde Park, NY		Land	dlord Approval:	Date:
www.Ultimatesigns.com		Numbori	1.1.1	New Hyde'r an, Mr		-		

## CVS pharmacy EXT.03

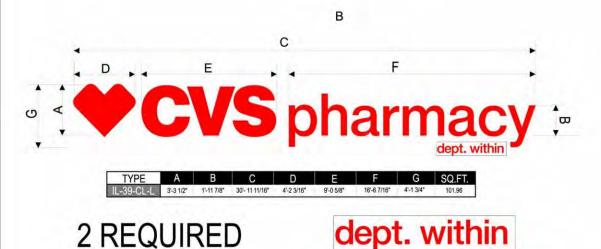


EXT.03	
<b>CVS</b> pharmacy	drive-thru pharmacy
	]
	- 2

1 FRONT SIDE ELEVATION

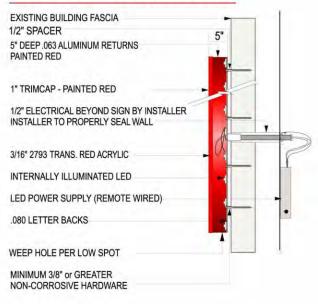
2 RIGHT SIDE





dept. within Plaque: Clear Plexi with glued blocks for threaded pin Installation. Red Vinyl Applied First Surface STANDARD WALL SIGN NOTES: 1. Sufficient Primary Circuit In Vicinity Of Sign By Others. 2. Final Primary Hook-up By Sign Installer, Electrical Load @ 120 Volts Est. Wt. MATERIAL FINISH COLORS Where Allowed By Local Codes. 3. Sign Shall Be U.L. Listed. Electrical Reg'mts 27931D Red 4. Mounting Hardware By Sign Installer. MP# 82074LVG (1) 20 Amp/120 Volt Circuits Total Modified Acru@c (FULL GLOSS) 150 (Altuglas or Equiv.) Note: This sign is intended to be installed in accordance with the requirements of Technical Survey Reg'd Returns Faces Trimcap/Retainer Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the sign for Exact Wall Conditions

### SIDE DETAIL VIEW - CHANNEL LETTER



Note: Manufacture and Install 2 Sets 39" CVS pharmacy Red Channel Letters 5" Deep. Letters will be Installed Centered in Areas Shown. Must Coordinate Primary Electric with GC.



### CVS pharmacy EXT.04

STANDARD WALL SIGN NOTES:

3. Sign Shall Be U.L. Listed.

By Others.

1. Sufficient Primary Circuit In Vicinity Of Sign

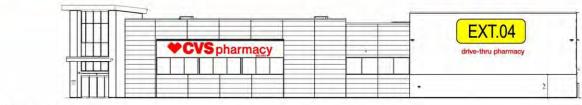
Note: This sign is intended to be installed in accordance with the requirements of

Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the sign

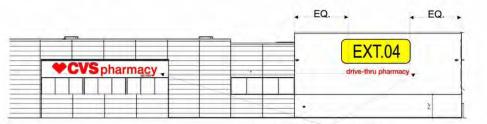
2. Final Primary Hook-up By Sign Installer,

Where Allowed By Local Codes.

4. Mounting Hardware By Sign Installer.



2 RIGHT SIDE ELEVATION



Note: Bottom of Lower case Letters to Align with Lower case CVS pharmacy Lettering

MATERIAL FINISH COLORS

Faces

MP# 82074LVG

(FULL GLOSS)

Returns

2793 LD Red

Modified Acrylic

(Altuglas or Equiv.)

# drive-thru pharmacy

TYPE	А	В	С	D	SQ.FT.
IL-18-DTP-L	23 13/16"	18 3/4"	13 9/16"	238 15/16"	31,12

Electrical Load

Electrical Reg'mts

(1) 20 Amp/120 Volt Circuits

@ 120 Volts

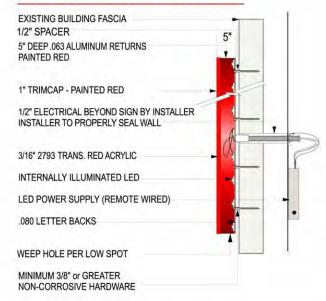
Technical Survey Reg'd

for Exact Wall Conditions

Est. Wt.

Total

### SIDE DETAIL VIEW - CHANNEL LETTER



Note: Manufacture and Install 1 set 18" drive thru pharmacy Red Channel Letters 5" Deep. Letters will be Installed Centered Left to Right and Bottom of Lower case Lettering to Align with CVS pharmacy Lettering As Shown. Must Coordinate Primary Electric with GC.

DRAWING N.T.S.



Trimcap/Retainer

150



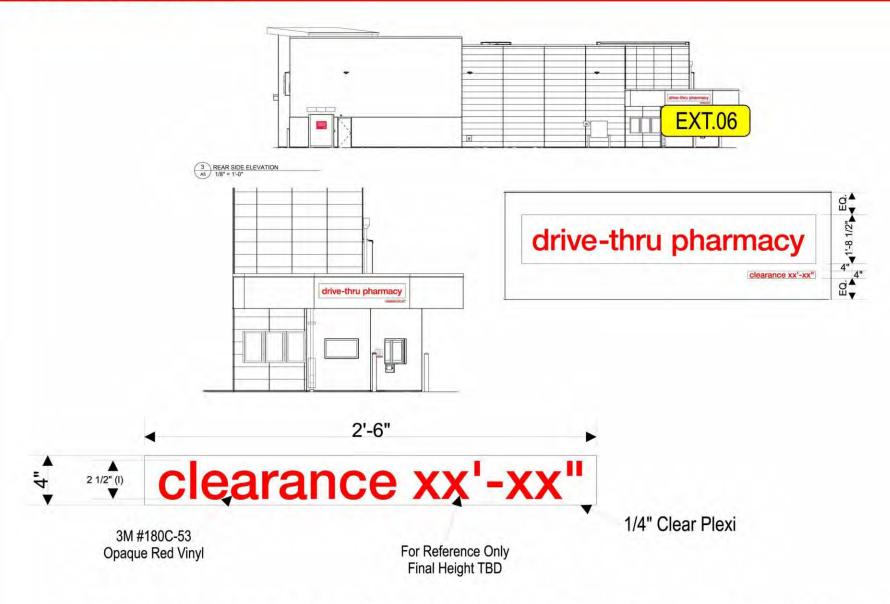


Note: Manufacture and Install 1 - 1'-8 1/2" x 10'-4" x 4" Deep

White Illuminated Sign Cabinet with 1/2" Red Push Thru Lettering. Sign is to be Installed on Front Side of Drive Thru. Must Coordinate Primary Electric with GC.

	The state section and lighted disease	Job	-	Store # 2044	Revision / Date / Notes:	Approval	
ULTIMATE	znatial by Ultimate Signs and Designs Corp. It is submitted for your personal cas in sortjunction with a project being planned for you by	Number: Date: 10/09/2024	*CVS	51016 # 2044	-	Client Approval	Date:
Phone (516) 481 - 0800 86 Sewell St Hempstead N Y 11550 Fax (516) 481 - 7480	Ultrace Signs and Designs Corp. This dowing, shall not be regrestered, used by an decised to any time or corporation for any purpose whatsoers without written pervisation.	Drawn By: A Meli Drawing Page #9	and the second second second second	3366-3380 Hillside Ave.	-	Landlord Approval:	Date:
www.Ultimatesigns.com		Numbor		New Hyde Park, NY		_	

## **CVS**pharmacy EXT.06



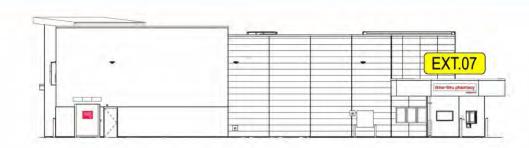
Note: Manufacture and Install 1 - 4" x 2'-6" x 1/4" Clear Plexi clearance Plaque. Plaque will have 3M#180C-53 Opaque Red Vinyl Applied First Surface. Plaque will be Installed to Right Edge of drive thru pharmacy Sign and 4" Down to the Top of Plaque.

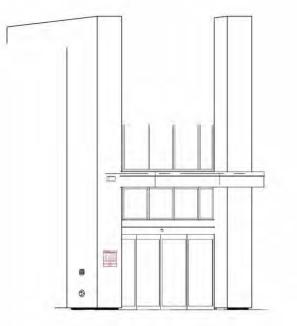
	This is an anginel unsublidhed drawing	Job		Store # 2044	Revision / Date / Notes:	Арр	DISAPPROVED	
SIGNS & DESIGNS CORP.	created by Utimate Store and Designs Corp.	Number: Date: 10/09/2024	*CVS	51016 # 2044		Clier	Michael Maracic nt Approval:	Date:
Phone (516) 481 - 0800 86 Sewell St Hempstead N Y 11550 Fax (516) 481 - 7480 www.Ultimate'signs.com	shall not be reproduced, used by an disclosed to any firm or corporation for any purpose whatboover without writter pertripoles		3366-3380 Hillside Ave. New Hyde Park, NY		Land	dlord Approval:	Date:	

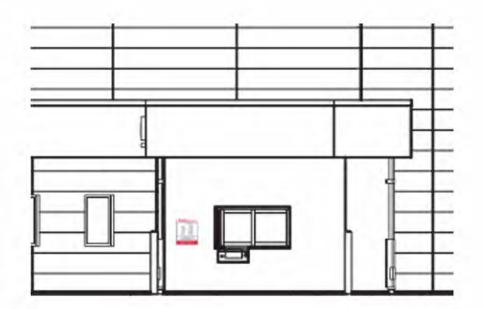
## CVS pharmacy EXT.07



1 FRONT SIDE ELEVATION







# 2 Required:

at Store Entrance
 at Drive thru pharmacy window

Note: Manufacture and Install 2- 14 1/2" x 18 1/2" Hours Plaques. Plaques will be Installed at Entrances Shown.

### Inserts to be provided by Store Ops

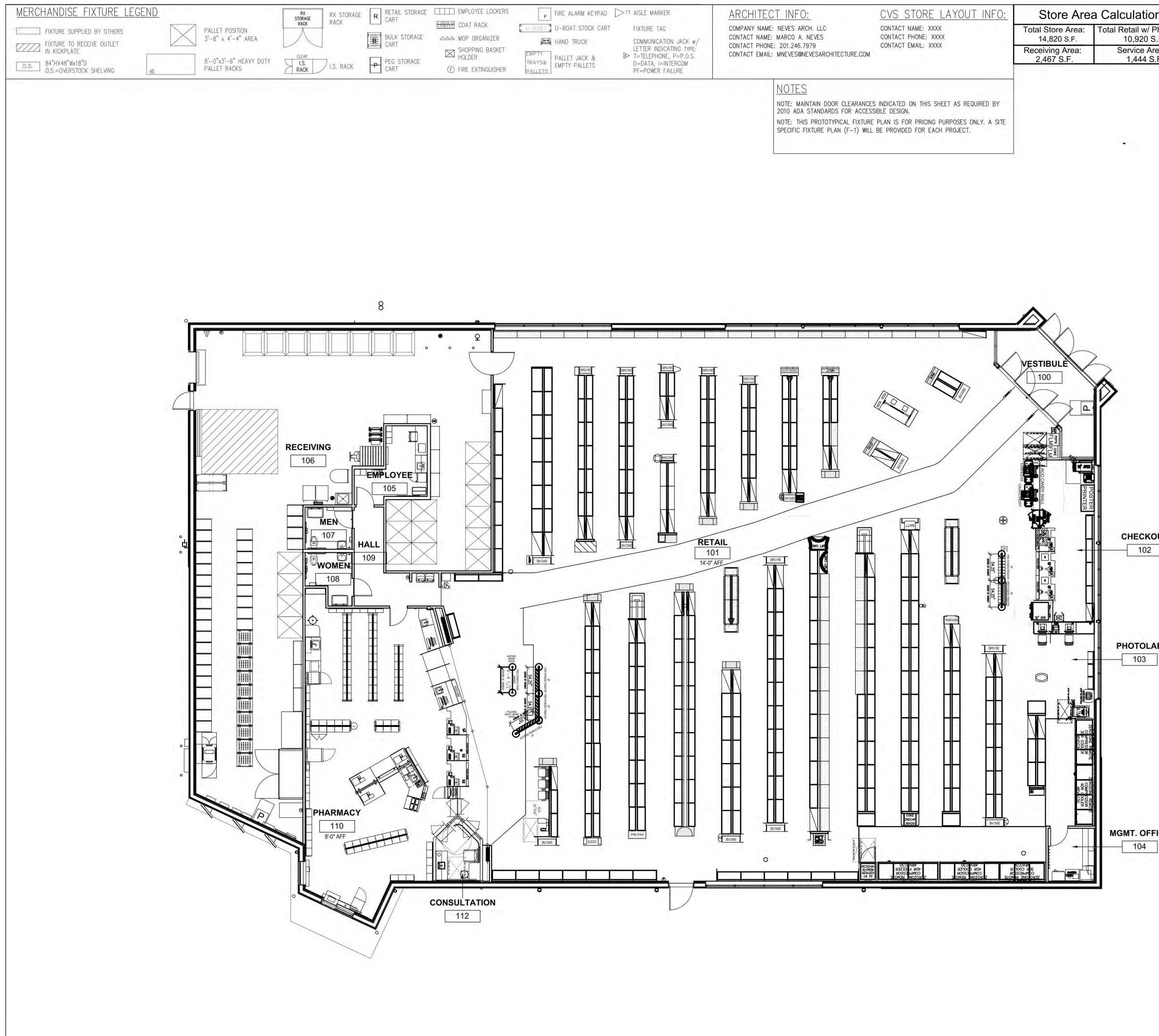




Note: Manufacture and Install 1- 1'-6" x 2'-0" Receiving Entrance Plaque. Plaque will be Painted Red with White Vinyl Lettering Applied First Surface.

7	ULTIMATE
00	SIGNS & DESIGNS CORP.
Phone (516) 481 - 0800	86 Sewell St Hempstead N Y 11550 Fax (516) 481 - 7480
W	www.Ultimatesigns.com

TD	The second sector second	Job		Store # 2044	Revision / Date / Notes:	Approval	
TE	created by Ultratia Signs and Designs Corp. It is submitted for your personal care in conjunction with a project being planned for you by	Number: Date: 10/09/2024	<b>CVS</b>	Store # 2044		Client Approval.	Date:
CORP. 550 Fax (516) 481 - 7480	what not be reproduced, used by an disclosed to any time or corporation for any purpose whitever without written permission.	Drawn By: A Meli Drawing Page #12	pharmacy	3366-3380 Hillside Ave. New Hyde Park, NY		Landlord Approval:	Date:
is.com	and the second second			between the many of the			



FIRE ALARM KEYPAD >11 AISLE MARKER		ARCHITECT INFO: CVS		CVS STORE LAYOUT INFO:	Store Area Calcula		
U-BOAT STOCK CART FIXTURE TAG		COMPANY NAME: NEVES ARCH. LLCCONTACT NAME: XXXXCONTACT NAME: MARCO A. NEVESCONTACT PHONE: XXXX			Total Store Area: 14,820 S.F.	Total Retail 10,92	
PALLET JACK & EMPTY PALLETS	LETTER INDICATING TYPE: I⇒ T=TELEPHONE, P=P.O.S. D=DATA, I=INTERCOM PF=POWER FAILURE	CONTACT PHONE: 201.246.7979 CONTACT EMAIL: MNEVES@NEVESARCHITECTURE.COM		CONTACT EMAIL: XXXX	Receiving Area: 2,467 S.F.	Service 1,44	
			2010 ADA STANDARDS FOR ACCES	S INDICATED ON THIS SHEET AS REQUIRED BY SIBLE DESIGN. E PLAN IS FOR PRICING PURPOSES ONLY. A SITE			
				BE PROVIDED FOR EACH PROJECT.			

ations
l w/ Pharmacy 920 S.F.
ce Area: 44 S.F.

102	
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PHOTOLAB 103

MGMT. OFFICE

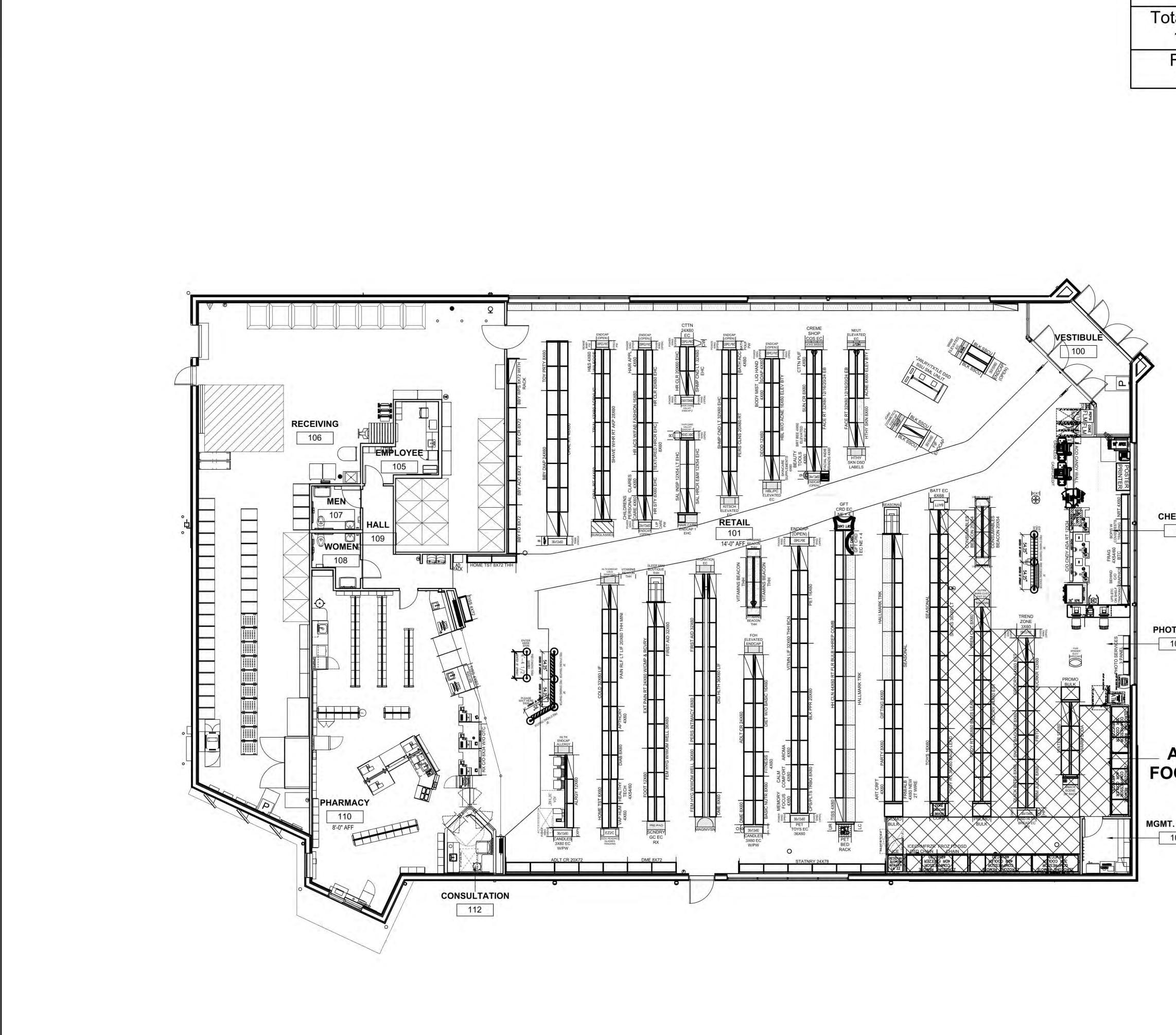
# BUILDING CODE + STANDARDS

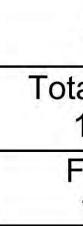
THE BUILDING SHALL BE IN COMPLIANCE WITH THE FOLLOWING: 2020 Building Code of NYS 2020 New York State Uniform Code 2020 Existing Building Code of NYS 2020 Fire Code of NYS DISO20 Plumbing Code of NYS DISO20 Pleckop of NYS 2020 Energy Code of NYS 2020 Energy Code of NYS 2010 (15) (15) (15) (10) (1) 2019/ASHRAE490.1 2009 New York State Accessibility Code 2010 ADA Standards

ARCHITECT OF RECORD: ARCHITECT OF RECORD: NEVES ARCHITECTURE & DESIGN, LLC & 0.5 KEARNY AVE., SUITE #2 KEARNY. NEW JERSEY 07032 TL246.7979 - FAX.201.246.0235 WEBSITE: NEVESARCHITECTURE.COM NJ LIC# 15042 PA LIC#RA404912 NJ LIC# 15042 PA LIC	EXAMPLE AVENUE (NYS ROUTE HERRICKS ROAD (CR 8) NEW HYDE PARK, NY (TOWN CO HEMPSTEAD) PROJECT TYPE: NEW CONST DEAL TYPE: FEE FOF CS PROJECT NUMBER	ACY RY MPOUT 2044 25B) + F NORTH RUCTION R SERVICE
SEAL: B-5-24 REVISIONS	NEVES ARCHIT & DESIGN, 4 0 5 KEARNY AVE., KEARNY, NEW JERS TEL.201.246.7979 - FAX.2 WEBSITE : NEVESARCHIT NJ LIC# 15042 PA LIC#RA NY LIC# 029951 CT LIC#	ECTURE ECTURE LLC SUITE #2 SEY 07032 01.246.0235 ECTURE.COM
REVISIONS	DEVELOPER:	
	STERED ARCHING	ECT * YA
CVS SPM: NI	REVISIONS	
CVS SPM: N		
CVS SPM: N		
CVS SPM: N		
CVS SPM: N	E E	
DRAWING BY: PAL		NI PAL
		7/31/24

OUTLINE PLAN SHEET NUMBER:

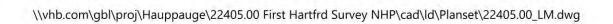
**OL-1** 

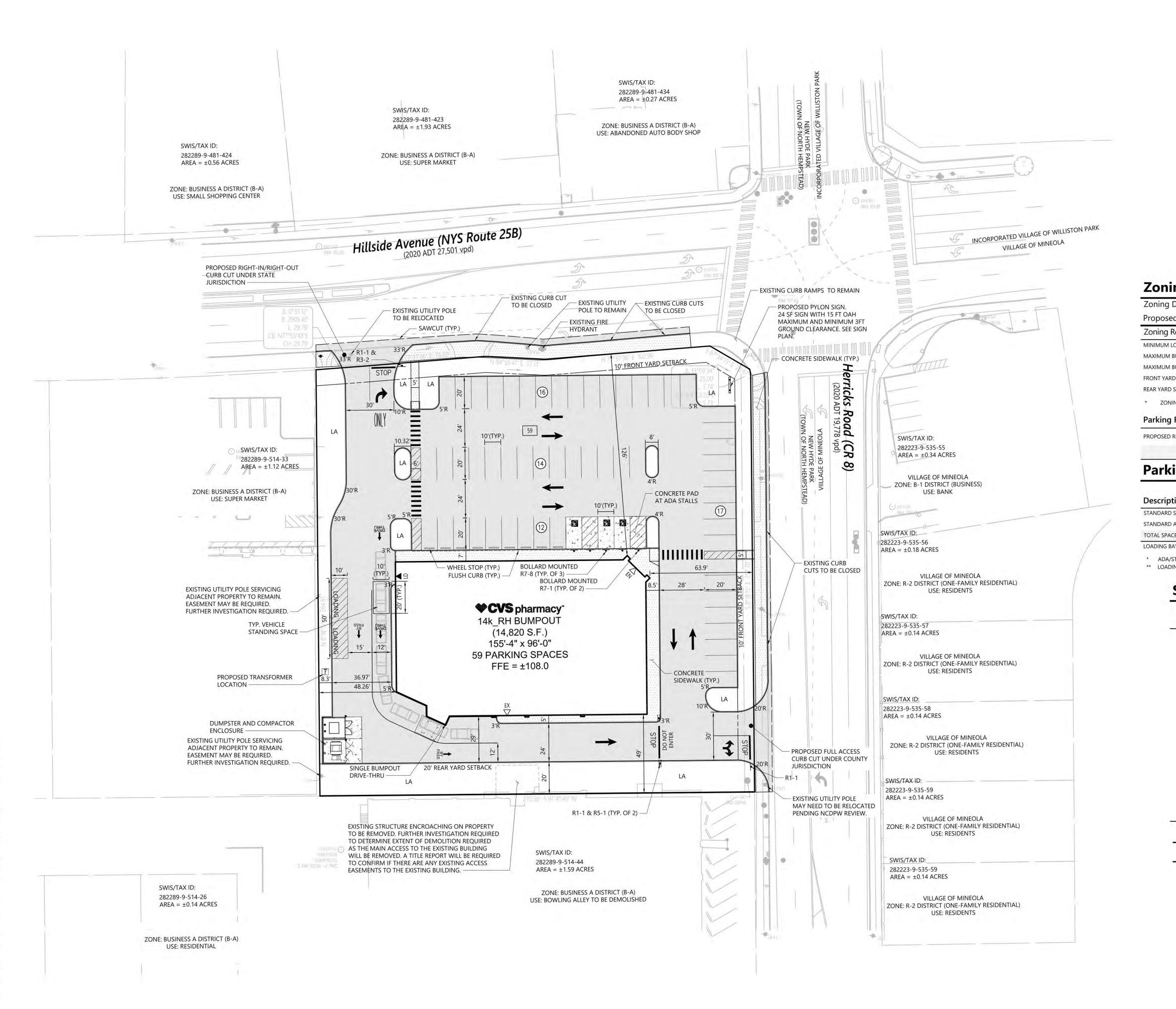




Store Area	a Calculations	
otal Store Area: 14,820 S.F.		pł
Food Area: 1,354 S.F.	Food Area Percentage 9.1%	- 14,698 SI RIGHT D <b>STORE</b> I
1,0010.11		HILLSIDE A HERRICKS I NEW HYDE
		HEMPSTEA PROJECT 1 DEAL TYPE
		CS PRO.
		NEVE.
		4 0 5 K KEARN TEL.201.
		TEL.201. WEBSITE NJ LIC# NY LIC#
		CONS
HECKOUT		
102		DEVEL
<b>103</b>		SEAL:
		A REC
AREA OF OOD SALES		8-5-2
<b>MT. OFFICE</b> 104		
		CVS SPM: DRAWING B
		DATE:
		TITLE:
DISAPPRO Michael Ma		FOC SHEET NUM
11/15/20		]

	<b>PC</b>	V	S
n	harr	nac	CV
14,698 RIGHT STOR HILLSID HERRICH NEW HY HEMPST PROJEC	SF CORNER DRIVE THRU E NUMBER: E AVENUE (NYS (S ROAD (CR 8) DE PARK, NY (TO EAD) CT TYPE: NEW	ENTRY J BUMPO ROUTE 25B DWN OF NC	UT <b>2044</b> ) + PRTH TION
	YPE: FE OJECT NUM		
ARC	HITECT C	OF REC	CORD:
4 0 5 KEAR TEL.20 WEBSI	ES ARCH ES ARCH DESIG KEARNY A NY, NEW D1.246,7979 - TE : NEVESAR C# 15042 P C# 029951	A LIC#R	LC ITE #2 07032 46.0235 JRE.COM
	SULTAN		
DEV	ELOPER:		
SEA	S-24 OF N	CATINES 2 HOOT	
	REVISI	ONS	
CVS SPM			NI
	BY:		PAL
DATE: JOB NUM	BFR		7/31/24 20-CVS-B
TITLE:			20-0VO-D
FC SHEET N	DOD ARE	4	







Engineering, Surveying, Landscape Architecture and Geology, PC 100 Motor Parkway Suite 350 Hauppauge, NY 11788 631.787.3400

# **Zoning Summary Chart**

District(S):	<b>Business B-A</b>		
ed Use:	Retail		
Regulation Requirements	Required*	Zoning Code §	Provided
LOT AREA	2,000 SF	§ 70-129	± 73,482 SF (1.69 ACRES
BUILDING HEIGHT	40 Feet	§ 70-130	28 Feet
BUILDING COVERAGE	70.0 %	§ 70-131	20.2 %
RD SETBACK	10 Feet	§ 70-132	10 Feet
) SETBACK	20 Feet	§ 70-134	20 Feet

Parking Requirements:

		_					
D RETAIL	14,820 - 1,000 = 13,820	x	1 SPACE	1	300 SF	=	47 SPACES
			TOTAL	PARKIN	G REQUIRED	=	47 SPACES

# **Parking Summary Chart**

	Size		Spaces	
tion	Required	Provided	Required	Provided
SPACES (10 X 20)	10 x 20	10 x 20	44	56
ACCESSIBLE SPACES *	10 x 20	10 x 20	3	3
CES			47	59
BAYS**			2	2

* ADA/STATE/LOCAL REQUIREMENTS: FOR 51 TO 75 STANDARD SPACES, 3 ACCESSIBLE SPACES REQUIRED
 ** LOADING BAYS: ONE BAY PER 10,000 SF; IN NO CASE SHALL MORE THAN THREE SUCH SPACES BE REQUIRED

# Sign Summary

M.U.T.C.D.	Specification		Dece
Number	Width	Height	Desc.
R1-1	30"	30"	STO
R7-1	12"	18"	
R7-8	12"	18"	RESERVED PARKING
R5-1	30"	30"	DO NOT ENTER
R3-2	30"	30"	

## Legend

(##)	PARKING SPACE COUNT
(##)	PARKING SPACE COUNT

## OVERALL PARKING SPACE COUNT







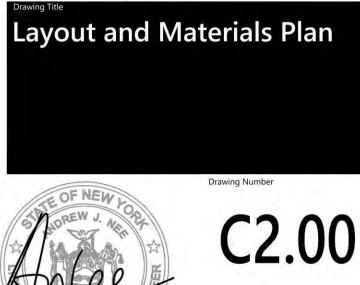
# **CVS Pharmacy**

3366-3380 Hillside Avenue New Hyde Park, New York

No.	Revision	Date	Appvd
1	Town Comments	8/2/2024	AJN
2	Bypass Lane	11/6/2024	AJN
3	Building Footprint SF	1/21/2025	AJN

Designed by JC	Checked by KPW
Issued for	Date
Town Submission	May 9 ,2024

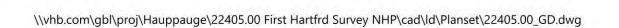
NOT ISSUED FOR CONSTRUCTION

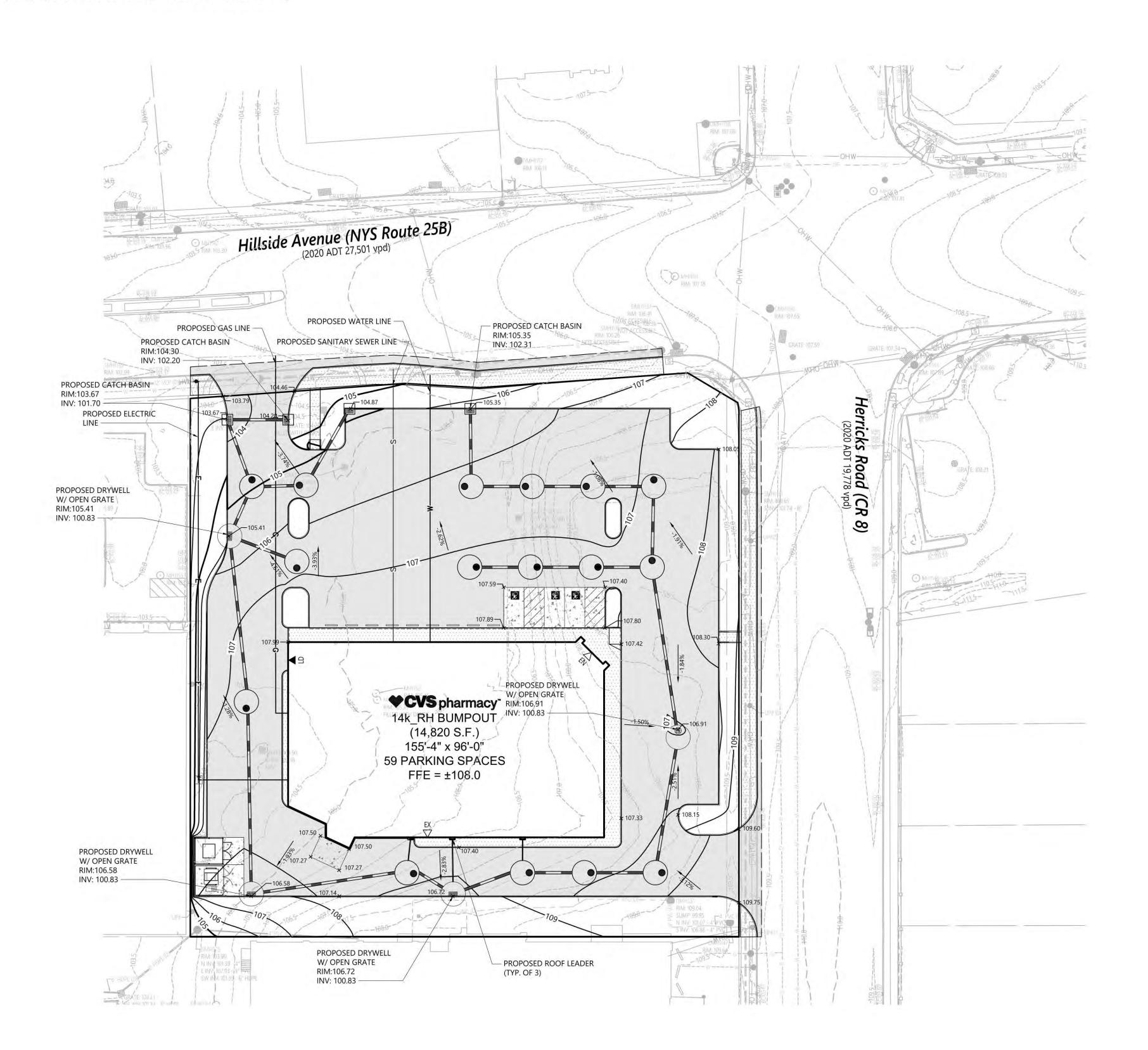


Sheet of **1 3** 

IT IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER ANY DOCUMENT THAT BEARS THE SEAL OF A PROFESSIONAL ENGINEER, UNLESS THE PERSON IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER

Project Number **22405.00** 





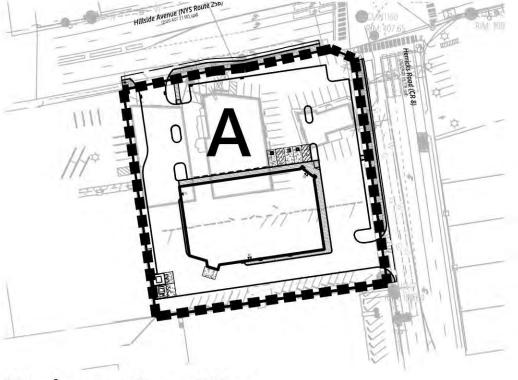
Drainage Area	Contributing Area (SF)		Runoff C		Rainfall (FT)		Volume (CF)
REQUIRED STORAGE VOLUME CALCULATION							
PAVEMENT AND SIDEWALK AREA	43,330	х	1.0	х	8/12	=	28,887
ROOF AREA	14,912	х	1.0	х	8/12	=	9,941
LANDSCAPE AREA	15,241	х	0.15	Х	8/12	×.	1,524
		_	REQUIR	ED STC	RAGE VOLUME	=	40,352 CF
PROVIDED STORAGE VOLUME DESIGN							
STORAGE PROVIDED IN (20) 12-FT DRYWEL	LS @ 20 FT EFFECTIVE D	EPTH (	100.88 CF PER LF)	(C			
					TOTAL STORAGE	PROVID	DED = 40,352 CF

# Grading & Drainage Notes

- 1. EXISTING DRAINAGE INFORMATION IS BASED ON A SURVEY PREPARED BY VHB, DATED MARCH 30, 2024.
- 2. ALL UTILITIES TO BE INSTALLED UNDERGROUND.
- 3. ELEVATIONS ARE BASED ON NAVD 1988.
- THE CONTRACTOR SHALL MEET ALL LINES AND GRADES DEPICTED ON THIS PLAN OR AS DIRECTED BY THE ENGINEER.
- 5. GRADES IN ALONG ADA WALKWAYS SHALL NOT EXCEED 5% IN THE DIRECTION OF TRAVEL AND 2% CROSS SLOPE.
- 6. ALL ADA ACCESS AISLES AND PARKING SPACES SHALL BE AT THE SAME LEVEL, WITH MAXIMUM SLOPES NOT GREATER THAN 2% IN ANY DIRECTION.
- 7. CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION BETWEEN THE ADA ACCESS AISLES/PARKING SPACES AND THE EXISTING PAVEMENT AT THE WORK LIMITS. 8. GRADES IN LANDSCAPED AREAS SHALL NOT EXCEED A SLOPE OF 3H:1V UNLESS OTHERWISE NOTED ON THE PLANS.
- 9. IN AREAS OF FILL OR BACKFILL, THE CONTRACTOR SHALL PLACE SUITABLE FILL MATERIAL AS DETERMINED BY THE ENGINEER IN 6-INCH LIFTS. EACH LIFT SHALL BE COMPACTED TO 95 PERCENT OF THE STANDARD PROCTOR DENSITY. NATIVE SOIL MAY BE USED AS BACKFILL IF IT IS DEEMED SUITABLE BY THE ENGINEER.
- 10. GRADES TO PITCH AWAY FROM BUILDING FOUNDATIONS.
- 11. CONTRACTOR RESPONSIBLE TO PROVIDE POSITIVE DRAINAGE FLOW OVER THE SITE. BIRD BATHS AND PONDING AREAS ARE NOT PERMITTED.
- 12. IN ANY AREA OF EXCAVATION, CONTRACTOR IS TO EMPLOY THE APPROPRIATE MEANS TO LOCATE EXISTING UTILITIES AND PROTECT AND MAINTAIN ALL EXISTING UTILITIES IN THE WORK AREA.
- 13. CONTRACTOR TO NOTIFY ENGINEER IF ADDITIONAL EXISTING DRAINAGE STRUCTURES ARE REVEALED DURING CONSTRUCTION.
- 14. GOUNDWATER ASSUMED TO BE AT ELEVATION 50' B.G.S. BASED ON USGS LONG ISLAND DEPTH TO GROUNDWATER VIEWER.



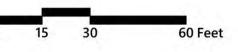
Engineering, Surveying, Landscape Architecture and Geology, PC 100 Motor Parkway Suite 350 Hauppauge, NY 11788 631.787.3400



# Drainage Area Map

Not To Scale





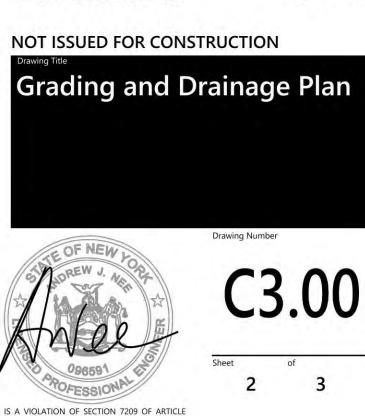
# **CVS Pharmacy**

3366-3380 Hillside Avenue New Hyde Park, New York

No.	Revision	Date	Appvd
1	Town Comments	8/2/2024	AJN
2	Bypass Lane	11/6/2024	AJN
3	Building Footprint SF	1/21/2025	AJN

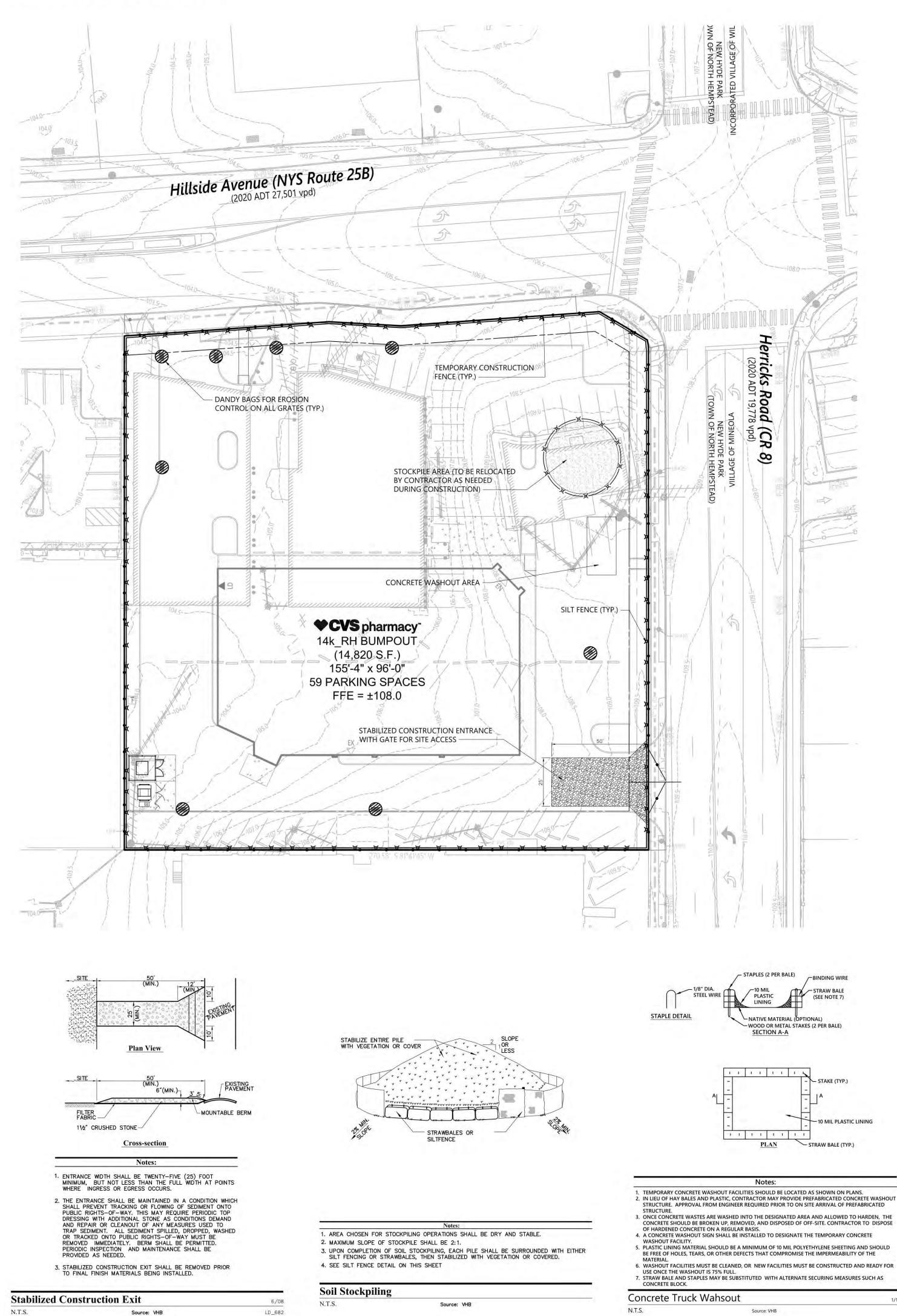
Designed by	Checked by		
Issued for	Date		
Town Submission	May 9 ,2024		

NOT ISSUED FOR CONSTRUCTION



IT IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER ANY DOCUMENT THAT BEARS THE SEAL OF A PROFESSIONAL ENGINEER, UNLESS THE PERSON IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER





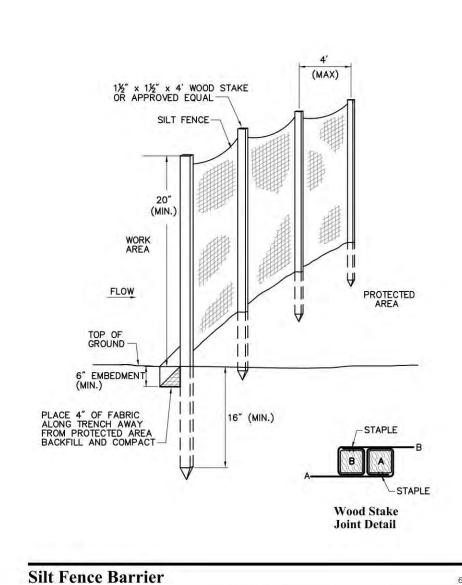
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	Legend
$\bigcirc$	DANDY BAGS
	SILT FENCE
	CONSTRUCTION ENTRANCE
	CONSTRUCTION FENCE

# **Dandy Bag Notes**

- 1. INSTALLATION: 1.1.
- EMPTY DANDY BAG SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END. 1.2. IF USING OPTIONAL OIL ABSORBENTS, PLACE ABSORBENT PILLOW IN POUCH ON
- BOTTOM OF THE UNIT. ATTACH ABSORBENT TO TETHER LOOP. HOLDING THE LIFTING DEVICE (DO NOT RELY ON LIFTING DEVICE TO SUPPORT ENTIRE WEIGHT OF GRATE) PLACE THE GRATE INTO IT'S FRAME.
- 2. MAINTENANCE: 2.1. REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM THE SURFACE AND
- VICINITY OF THE UNIT AFTER EACH STORM EVENT. 2.2. REMOVE THE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT
- AREA OF THE DANDY BAG AS NEEDED. IF USING OPTIONAL OIL ABSORBENTS, REMOVE AND REPLACE ABSORBENT 2.3. PILLOW NEAR SATURATION
- NOTE: CONTRACTOR IS NOT PERMITTED TO USE FILTER FABRIC MATERIAL AS INLET PROTECTION
- TO SURFACE WATERS .

- 3. ONCE CONCRETE WASTES ARE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN. THE CONCRETE SHOULD BE BROKEN UP, REMOVED, AND DISPOSED OF OFF-SITE. CONTRACTOR TO DISPOSE



Source: VHB

N.T.S.

2' MINIMUM

2" x 4" WEIR-

FILTER CLOTH

2' STONE

SAND BAG DE

6/08 N.T.S. LD_650

## **Erosion Control Notes**

1. PRIOR TO STARTING WORK ON THE SITE, CONTRACTOR SHALL NOTIFY THE APPROPRIATE AGENCIES AND INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS REQUIRED BY STATE & LOCAL AGENCIES. ACTUAL EROSION CONTROL MEASURES WILL BE DICTATED BY FIELD CONDITIONS AS CONSTRUCTION PROGRESSES. BUT THE FOLLOWING GENERAL CONDITIONS SHALL BE OBSERVED:

A. EXISTING VEGETATION TO REMAIN SHALL BE PROTECTED AND REMAIN UNDISTURBED B. CLEARING AND GRADING SHALL BE SCHEDULED SO AS TO AS TO MINIMIZE THE SIZE OF EXPOSED AREAS AND THE LENGTH OF TIME THAT AREAS ARE EXPOSED. C. THE LENGTH AND STEEPNESS OF CLEARED SLOPES SHALL BE MINIMIZED TO REDUCE

RUNOFF VELOCITIES. D. RUNOFF SHALL BE DIVERTED AWAY FROM CLEARED SLOPES.

E. SEDIMENT SHALL BE TRAPPED ON THE SITE.

SPECIFIC METHODS AND MATERIALS EMPLOYED IN THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES SHALL CONFORM TO "THE NEW YORK GUIDELINES FOR EROSION AND SEDIMENT CONTROL".

2. SEDIMENT BARRIERS (SILT FENCE, STRAW BALES OR APPROVED EQUAL) SHALL BE INSTALLED AS REQUIRED ALONG THE LIMITS OF DISTURBANCE FOR THE DURATION OF THE WORK. NO SEDIMENT FROM THE SITE SHALL BE PERMITTED TO WASH ONTO ADJACENT PROPERTIES, WETLANDS OR ROADS.

3. GRADED AND STRIPPED AREAS AND STOCKPILES SHALL BE KEPT STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AS REQUIRED. SEED MIXTURES SHALL BE IN ACCORDANCE WITH SOIL CONSERVATION SERVICE RECOMMENDATIONS.

4. STOCKPILES THAT ARE NOT STABILIZED SHALL BE SURROUNDED BY SILT FENCE , AND INSPECTED AFTER STORMS AND AT THE END OF EACH WORK DAY.

5. DRAINAGE INLETS INSTALLED AS PART OF THE PROJECT SHALL BE PROTECTED FROM SEDIMENT BUILDUP THROUGH THE USE OF SEDIMENT BARRIERS, SEDIMENT TRAPS, DANDY BAGS, ETC., AS REQUIRED.

6. PROPER MAINTENANCE OF EROSION CONTROL MEASURES IS TO BE PERFORMED AS INDICATED BY PERIODIC INSPECTION AND AFTER HEAVY OR PROLONGED STORMS. MAINTENANCE MEASURES INCLUDE, BUT ARE NOT LIMITED TO, CLEANING OF SEDIMENT BASINS AND TRAPS, CLEANING OR REPAIR OF SEDIMENT BARRIERS, CLEANING AND REPAIR OF BERMS AND DIVERSIONS, AND CLEANING AND REPAIR OF INLET PROTECTION.

7. APPROPRIATE MEANS SHALL BE USED TO CONTROL DUST DURING CONSTRUCTION.

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED TO PREVENT SOIL AND LOOSE DEBRIS FROM BEING TRACKED ONTO LOCAL ROADS. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED UNTIL THE SITE IS PERMANENTLY STABILIZED.

SEDIMENT BARRIERS AND OTHER CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL UPLAND DISTURBED AREAS ARE PERMANENTLY STABILIZED, AFTER PERMANENT STABILIZATION, PAVED AREAS SHALL BE CLEANED AND DRAINAGE SYSTEMS CLEANED AND FLUSHED AS NECESSARY.

BASED ON THE SURROUNDING TOPOGRAPHY, LEVEL OF SURROUNDING DEVELOPMENT (WITH DRAINAGE FACILITIES) AND PROXIMITY TO SURFACE WATERS, THE SITE DOES NOT HAVE THE POTENTIAL TO DISCHARGE TO WATERS OF THE STATE, AND THEREFORE DOES NOT REQUIRE COVERAGE UNDER THE SPDES GENERAL PERMIT. IN ACCORDANCE WITH TOWN AND NYSDEC GUIDANCE, WRITTEN JUSTIFICATION FOR THIS POSITION, ADDRESSING CONSTRUCTION PHASING, TOPOGRAPHIC AND SOIL CONDITIONS, WILL BE PROVIDED AND RETAINED ON-SITE DURING CONSTRUCTION.

CONTRACTOR IS REQUIRED TO PREVENT SEDIMENT FROM LEAVING THE SITE THROUGHOUT CONSTRUCTION BY ANY MEANS NECESSARY, AS SUCH, ADDITIONAL MEASURES NOT SHOWN ON THESE PLANS MAY BE REQUIRED IN ACCORDANCE WITH THE NYS DEC GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL.

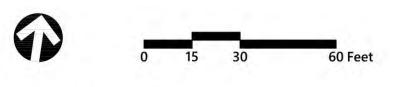
12. ALL STORM WATER RUNOFF IS CAPTURED ON SITE AND NO SURFACE RUNOFF IS DIRECTED

A LETTER OF CERTIFICATION FROM A NEW YORK STATE LICESED PROFESSIONAL ENGINEER, SIGNED AND SEALED, STATING THAT THE SITE CONSTRUCTION METHODS CONFORMED WITH THE DEC PHASE II STORM WATER REGULATIONS IS REQUIRED AS PART OF THE CO SURVEY APPROVAL PROCESS.

14. HAY BALES OR OTHER APPROVED MEANS REQUIRED TO ISOLATE DISTURBED AREAS WHERE INDIVIDUAL LANDSCAPE ISLANDS ARE BEING INSTALLED.



Engineering, Surveying, Landscape Architecture and Geology, PC 100 Motor Parkway Suite 350 Hauppauge, NY 11788 631.787.3400



# **CVS** Pharmacy

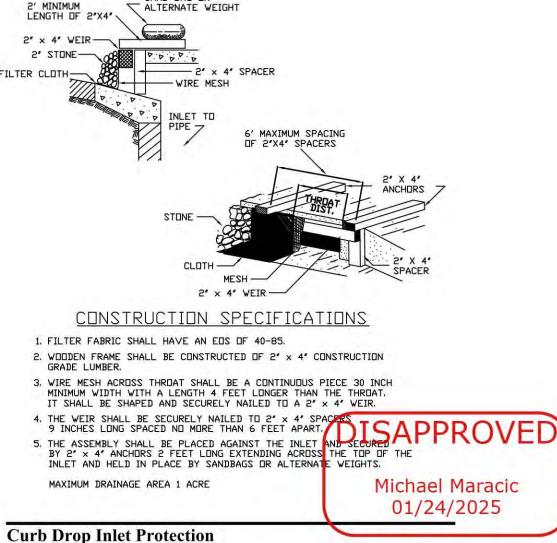
3366-3380 Hillside Avenue New Hyde Park, New York

No.	Revision	Date	Appvd
1	Town Comments	8/2/2024	AJN
2	Bypass Lane	11/6/2024	AJN
3	Building Footprint SF	1/21/2025	AJN

Designed by	Checked by	
Issued for	Date	
Town Submission	May 9 ,2024	

NOT ISSUED FOR CONSTRUCTION

**Erosion and Control Plan** 







IT IS A VIOLATION OF SECTION 7209 OF ARTICLE 145 OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON TO ALTER ANY DOCUMENT THAT BEARS THE SEAL OF A PROFESSIONAL ENGINEER, UNLESS THE PERSON IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL

Project Number 22405.00

Drawing Number