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Town of North Hempstead



Board of Zoning Appeals

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

CALENDAR FOR JUNE 5, 2024

RESIDENTIAL CALENDAR

APPEAL #21555 – Justin & Nataly Hakimian; 17 Winfield Terrace, Great Neck; Section 2, Block 373, Lot 1; Zoned: Residence-A

Variance from §70-100.1A to legalize a gas firepit and gas barbeque in a side yard.

APPEAL #21532 - Petros & Alexandra Konidaris; 66 Quaker Ridge Road, Manhasset; Section 3, Block 145, Lot 94; Zoned: Residence-A

Variance from §70-31.A to construct a garage addition that is too close to the side property line and with smaller than required total (aggregate) side yards.

APPEAL #21556 – Nicholas Nissorios; 85 Dover Rd., Manhasset; Section 3, Block 224, Lot 10; Zoned: Residence-A

Variance from §70-29.B to construct a one-story addition that would make the house too big.

APPEAL #21563 – Anastasios Zoitas; 147 Aldershot Ln., Manhasset; Section 3, Block 231, Lot 1; Zoned: Residence-A

Variances from §§ 70-30.C & 70-30.B to legalize a covered porch converted to habitable space that is too close to the street (both primary and secondary front yard).

APPEAL #21557 - Weijing & Anthony Huang & Gao; 103 Bayview Avenue, Port Washington; Section 5, Block 40, Lot 49; Zoned: Residence-C

Variance from §70-47.1(B) to construct a new 2 family dwelling on a lot that is too narrow.

APPEAL #21550 - Sean Conroy; 7 Lincoln Place, Port Washington; Section 5, Block 41, Lot 4; Zoned: Residence-C

Variances from §§70-46.A, 70-52.6, 70-52.3(C)(3) and 70-208.F to construct a bathroom addition in a pre-existing non-conforming attic that will make the home too tall, with eaves that are too high, and which pierces the sky exposure plane.

APPEAL #21558 – Anna Ballinas; 3 Huntington Rd., Port Washington; Section 5, Block 60, Lot 313; Zoned: Residence-A

Variance from §70-29.C to construct a one-story addition and to legalize a preexisting nonconforming detached garage and finished attic (that were supposed to be removed per a prior permit) that would make the house too big.

APPEAL #21559 – Biju Lukose; 522 Sperry Blvd., New Hyde Park; Section 8, Block 347, Lot 38; Zoned: Residence-C

Variances from § 70-50.C to construct additions that would be too close to the street.

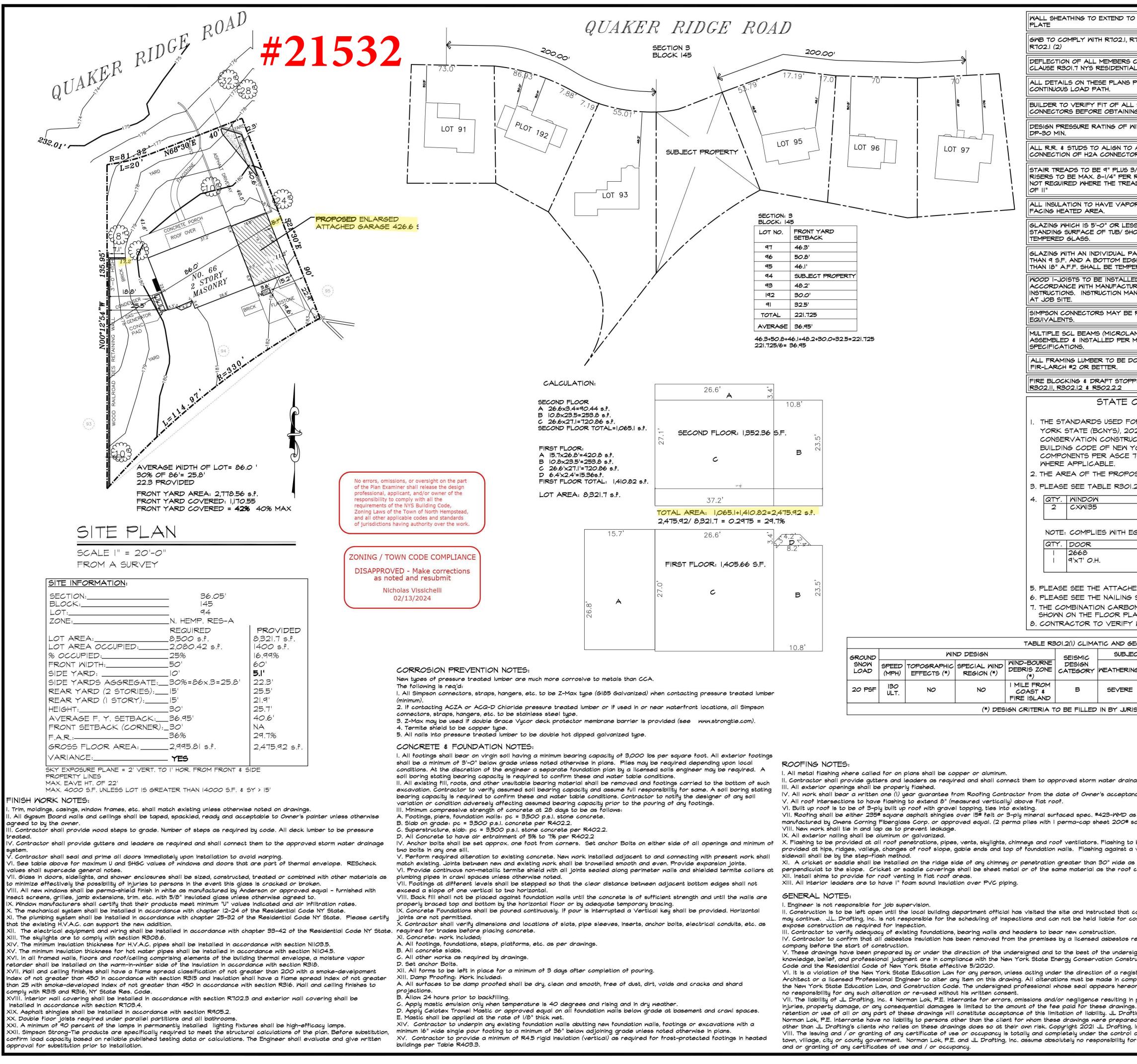
COMMERCIAL CALENDAR

APPEAL #21560 – Tully-Willets Realty Co., LLC; 57 Seaview Blvd., Port Washington; Section 6, Block 89, Lot 18; Zoned: Modified Planned Industrial Park-MPIP

Variances from §§ 70-184.17.B(2) and 70-184.17.B(3) to construct a sign that is too large and too close to a property line.

APPEAL #21546 - Blue Wave (Wei Yu); 344 Hillside Avenue, Williston Park; Section 9, Block 142, Lot 28; Zoned: Business-A

Variance from 70-103.O and conditional use §70-126.A to legalize existing work and to construct new interior alterations to convert a former retail space to an existing restaurant (a conditional use) and to legalize a drive aisle that is too narrow.



II. Contractor shall provide gutters and leaders as required and shall connect them to approved storm water drain

manufactured by Owens Corning Fiberglass Corp. or approved equal. (2 perma plies with I perma-cap sheet 200# so

provided at hips, ridges, valleys, changes of roof slope, gable ends and top of foundation walls. Flashing against a

XI. A cricket or saddle shall be installed on the ridge side of any chimney or penetration greater than 30" wide as perpendiculat to the slope. Cricket or saddle coverings shall be sheet metal or of the same material as the roof

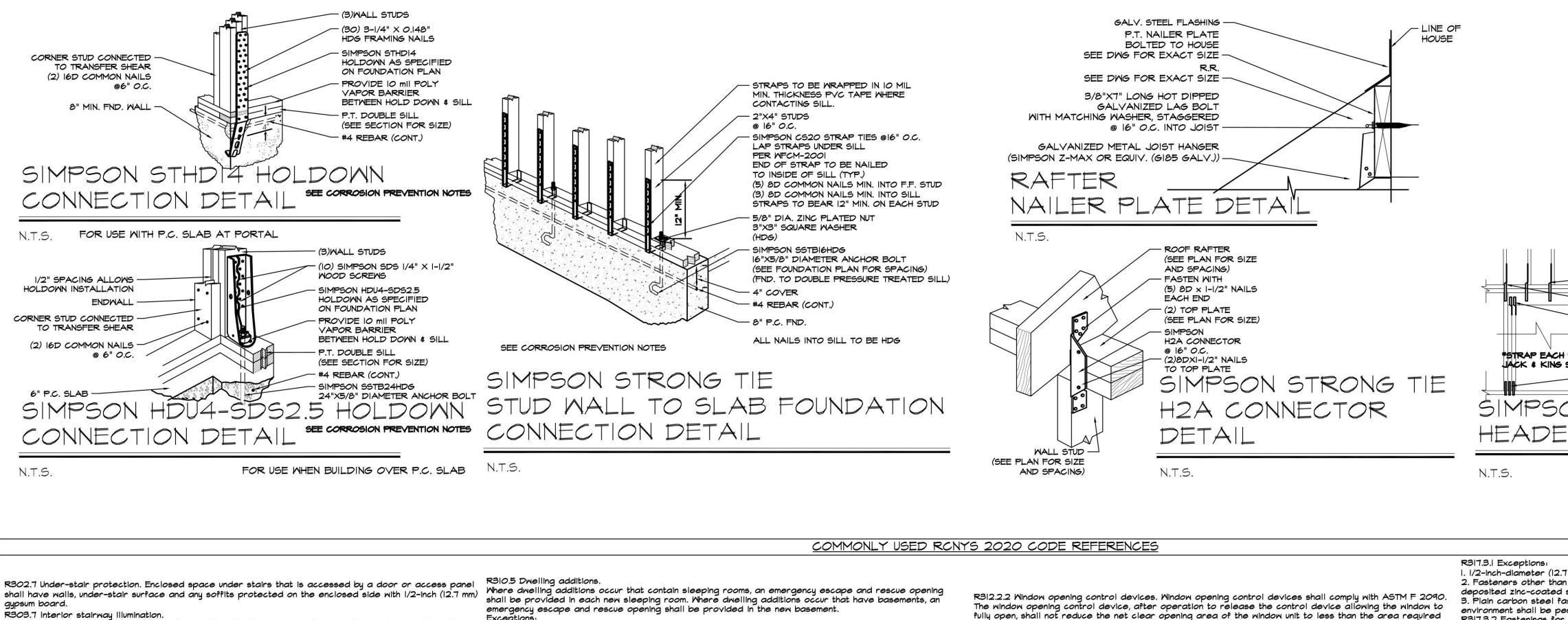
II. Construction is to be left open until the local building department official has visited the site and instructed that a may continue. J.L. Drafting, Inc. is not responsible for the scheduling of inspections and can not be held liable for cos

V. These drawings have been prepared by or under the direction of the undersigned and to the best of the undersi knowledge, belief, and professional judgment are in compliance with the New York State Energy Conservation Constr

VI. It is a violation of the New York State Education Law for any person, unless acting under the direction of a regist Architect or a licensed Professional Engineer to alter any item on this drawing. All alterations must be made in comp the New York State Education Law, and Construction Code. The undersigned professional whose seal appears hereor

VII. The liability of JL Drafting, Inc. & Norman Lok, P.E. interrante for errors, omissions and/or negligence resulting in injuries, property damage, or any consequential damages is limited to the amount of the fee paid for these drawings retention or use of all or any part of these drawings will constitute acceptance of this limitation of liability. JL Draf Norman Lok, P.E. Interrante have no liability to persons other than the client for whom these drawings were prepared other than JL Drafting's clients who relies on these drawings does so at their own risk. Copyright 2021 JL Drafting, VIII. The issuing and / or granting of any certificate of use or occupancy is totally and completely under the control town, village, city or county government. Norman Lok, P.E. and JL Drafting, Inc. assume absolutely no responsibility for

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Exceptions: Interior stairways shall be provided with an artificial light source to illuminate the landings and treads. The I. An emergency escape and rescue opening is not required in a new basement that contains a sleeping light source shall be capable of illuminating treads and landings to levels of not less than I foot-candle (It room with an emergency escape and rescue opening). lux) as measured at the center of treads and landings. There shall be a wall switch at each floor lever to in a new basement where there is an control the light source where the stairway has six or more risers. Exceptions:

. A switch is not required where remote, central or automatic control of lighting is provided. 2. Owner-occupied dwellings not supplied with electrical power in accordance with Section E3401.2.1. R303.8 Exterior stairway Ilumination.

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. xception: Owner-occupied dwellings not supplied with electrical power in accordance with Section E34012

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 escape and rescue opening shall be required in each sleeping room. Emergency escape and rescue openings shall headrash here hand that have 121 mm). open directly into a public way, or to a yard or court that opens to a public way. Exception: Storm shelters and basements used only to house mechanical equipment not exceeding a tota floor area of 200 square feet.

R310.1.1 Operational constraints and opening control devices. permitted for use on windows serving as a required emergency escape and rescue opening.

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 in 48 inches horizontal (2-percent slope). emergency escape and rescue opening from the inside. The net clear height opening shall be not less than R311.7.8 Handrails. 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 square or more risers.

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 R310.2.3.

R310.2.3 Window wells. The horizontal area of the window well shall be not less than 9 square feet (0.9 m), 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 greater than 44 inches (118 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 (38 mm) between the wall and the handrails. inside width of not less than 12 inches (305 mm), shall project not less than 3 inches (76 mm) from the wall R311.7.8.4 Continuity. Handrails shall be continuous for the full length of the flight, from a point directly and shall be spaced not more than 18 inches (457 mm) on center vertically for the full height of the window above the top riser of the flight to a point directly above the lowest riser of the flight. Handrail ends 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:

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 passage of a sphere 4 inches (102 mm) in diameter. 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 not allow passage of a sphere 6 inches (153 mm) in diameter. 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 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 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.

R310.3.2.2 Drainage. Area 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 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.

emergency escape and rescue opening shall be provided in the new basement. Exceptions:

Citize and a second and the second provide the second provide the second promised from the new basement R311 7, Midth, Stairways shall be not less than 36 inches (914 mm) in clear width at all points above the committee handral belont and below the required headroom height. The clear width of stairways at and balan the handrall height including treads and landings, shall be not less than 311/2 inches (787 mm) where and chandrails installed conducted and 27 inches (698 mm) where handrails are installed on both sides.

2. Wood framing members that rest on concrete or masonry exterior foundation walls and are less than 8 Excendulations Theinglighthoolfy sphrollestall ways shall be in accordance with Section R311.7.10.1. inches (203 mm) from the exposed ground. R311.7.2 Headroom 3. Sills and sleepers on a concrete or masonry slab that is in direct contact with the ground unless The headroom in stairways shall be not less than 6 feet 8 inches (2032 mm) measured vertically from the separated from such slab by an impervious moisture barrier. hoped line adjoining the tread nosing or from the floor surface of the landing or platform on that portion 4. The ends of wood girders entering exterior masonry or concrete walls having clearances of less than

TANILLE ALOWN CODE COMPLIANCE

I. Where the nosings of treads at the side of a flight extend under the edge of a floor opening through Which the star passes, the floor opening shall be allowed to project horizontally into the required 2. The headroom for spiral stairways shall be in accordance with Section R311.7.10.1. R311.7.6 Landings for stairways.

There shall be at the top and bottom of each stairway. The width perpendicular to the 7. Wood furring strips or other wood framing members attached directly to the interior of exterior direction of travel shall be not less than the width of the flight served. Landings of shapes other than masonry walls or concrete walls below grade except where an approved vapor retarder is applied Emergency escape and rescue openings shall be operational from the inside of the room without the use square or rectangular shall be permitted provided that the depth at the walk line and the total area is of keys, tools or special knowledge. Window opening control devices complying with ASTM F 2090 shall be not less than that of a quarter circle with a radius equal to the required landing width. Where the stairway between the wall and the furring strips or framing members. R317.1.1 Field treatment. has a straight run, the depth in the direction of travel shall be not less than 36 inches (914 mm). Field-cut ends, notches and drilled holes of preservative-treated wood shall be treated in the field in Exception: A floor or landing is not required at the top of an interior flight of stairs, including stairs in an accordance with AWPA M4. enclosed garage, provided that a door does not swing over the stairs.

R317.1.2 Ground contact. R311.7.7 Stairway walking surface. All wood in contact with the ground, embedded in concrete in direct contact with the ground or embedded The walking surface of treads and landings of stairways shall be sloped not steeper than one unit vertic in concrete exposed to the weather that supports permanent structures intended for human occupancy shall be approved pressure-preservative-treated wood suitable for ground contact use, except that untreated wood used entirely below groundwater level or continuously submerged in fresh water shall not

Handrails shall be provided on not less than one side of each continuous run of treads or flight with four be required to be pressure-preservative treated. R317.1.3 Geographical areas. In geographical areas where experience has demonstrated a specific need, approved naturally durable or pressure-preservative-treated wood shall be used for those portions of wood members that form the structural supports of buildings, balconies, porches or similar permanent building appurtenances when those

R311.7.8.1 Height Handrail height, measured vertically from the sloped plane adjoining the tread nosing, or finish surface of ramp slope, shall be not less than 34 inches (864 mm) and not more than 38 inches (965 mm). Exceptions:

members are exposed to the weather without adequate protection from a roof, eave, overhang or other . The use of a volute, turnout or starting easing shall be allowed over the lowest tread. covering that would prevent moisture or water accumulation on the surface or at joints between members. 2. Where handrail fittings or bendings are used to provide continuous transition between flights, transitions Depending on local experience, such members may include: at winder treads, the transition from handrail to guard, or used at the start of a flight, the handrail height . Horizontal members such as girders, joists and decking. at the fittings or bendings shall be permitted to exceed 38 inches (956 mm). 2. Vertical members such as posts, poles and columns. 3. Both horizontal and vertical members. R311.7.8.2 Handrail projection. Handrails shall not project more than 41/2 inches (114 mm) on either side of R317.1.4 Wood columns. the stairway.

Exception: Where nosings of landings, floors or passing flights project into the stairway reducing the clearance at passing handrails, handrails shall project not more than 61/2 inches (165 mm) into the stairway, provided that the stair width and handrail clearance are not reduced to less than that required. R311.7.6.3 Handrail clearance. Handrails adjacent to a wall shall have a space of not less than 11/2 inches

shall be returned or shall terminate in newel posts or safety terminals.

exposed earth and the earth is covered by an impervious moisture barrier. Exceptions: I. Handrail continuity shall be permitted to be interrupted by a newel post at a turn in a flight with winders, 3. Deck posts supported by concrete piers or metal pedestals projecting not less than 1 inch (25 mm) above a concrete floor or 6 inches (152 mm) above exposed earth. at a landing, or over the lowest tread. R317.1.5 Exposed alued-laminated timbers.

2. A volute, turnout or starting easing shall be allowed to terminate over the lowest tread. R312.1.1 Where required. Guards shall be provided for those portions of open-sided walking surfaces, including stairs, ramps and landings, that are located more than 30 inches (762 mm) measured vertically to the floor or 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 guard. R312.1.2 Height. Required quards at open-sided walking surfaces, including stairs, porches, balconies or landings, shall be not less than 36 inches (914 mm) in height as measured vertically above the adjacent walking surface or the line connecting the nosings. Exceptions:

. Guards on the open sides of stairs shall have a height of not less than 34 inches (864 mm) measured R317.2.1 Required information. vertically from a line connecting the nosings The replacement window is the manufacturer's largest standard size window that will fit within the existing 2. Where the top of the guard serves as a handrail on the open sides of stairs, the top of the guard shall The required quality mark on each piece of pressure-preservative-treated lumber or plywood shall contain the following information: be not less than 34 inches (864 mm) and not more than 38 inches (965 mm) as measured vertically from a Identification of the treating plant. ; 2. Type of preservative. 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

Exceptions: l. The triangular openings at the open side of stair, formed by the riser, tread and bottom rail of a guard 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 openin

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

3. Operable windows that are provided with window opening control devices that comply with R312.2.2.

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.

SÉCTION R317 PROTECTION OF WOOD AND WOOD-BASED PRODUCTS AGAINST DECAY R317.1 Location required.

Protection of wood and wood-based products from decay shall be provided in the following locations by the use of naturally durable wood or wood that is preservative-treated in accordance with AWPA UI. . Wood joists or the bottom of a wood structural floor when closer than 18 inches (457 mm) or wood airders when closer than 12 inches (305 mm) to the exposed ground in crawl spaces or unexcavated area ocated within the periphery of the building foundation.

1/2 inch (12.7 mm) on tops, sides and ends. 5. Wood siding, sheathing and wall framing on the exterior of a building having a clearance of less than 6 inches (152 mm) from the ground or less than 2 inches (51 mm) measured vertically from concrete steps, porch slabs, patio slabs and similar horizontal surfaces exposed to the weather

6. Wood structural members supporting moisture-permeable floors or roofs that are exposed to the weather, such as concrete or masonry slabs, unless separated from such floors or roofs by an impervious moisture barrier

Wood columns shall be approved wood of natural decay resistance or approved pressure-preservative-treated wood.

Exceptions:

1. Columns exposed to the weather or in basements where supported by concrete piers or metal pedestals projecting I inch (25 mm) above a concrete floor or 6 inches (152 mm) above exposed earth and the earth is covered by an approved impervious moisture barrier.

2. Columns in enclosed crawl spaces or unexcavated areas located within the periphery of the building when supported by a concrete pier or metal pedestal at a height more than 8 inches (203 mm) from

The portions of glued-laminated timbers that form the structural supports of a building or other structure and are exposed to weather and not properly protected by a roof, eave or similar covering shall be pressure treated with preservative, or be manufactured from naturally durable or preservative-treated

R317.2 Quality mark. 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.

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 1 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)

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 with the material requirements of ASTM F 1667.

R317.3.1 Fasteners for preservative-treated wood.

1. 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 zinc-coated steel with coating weights in accordance with ASTM B 695, Class 55 minimum. 3. Plain carbon steel fasteners in SBX/DOT and zinc borate preservative-treated wood in an interior, dry 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

locations

Fasteners, including nuts and washers, for fire-retardant-treated wood used in exterior applications or wet or damp locations shall be of hot-dipped, zinc-coated galvanized steel, stainless steel, silicon bronze or copper. Fasteners other than nails, staples and timber rivets shall be permitted to be of mechanically deposited zinc-coated steel with coating weights in accordance with ASTM B 695, Class 55 minimum. R317.3.4 Fasteners for fire-retardant-treated wood used in interior applications. Fasteners, including nuts and washers, for fire-retardant-treated wood used in interior locations shall be in accordance with the manufacturer's recommendations. In the absence of the manufacturer's recommendations, Section R317.3.3 shall apply.

R317.4 Plastic composites SECTION R318 PROTECTION AGAINST SUBTERRANEAN TERMITES R318.1 Subterranean termite control methods.

In areas subject to damage from termites as indicated by Table R301.2(1), methods of protection shall be one, or a combination, of the following methods: I. Chemical termiticide treatment in accordance with Section R318.2. 2. Termite baiting system installed and maintained in accordance with the label. 3. Pressure-preservative-treated wood in accordance with the provisions of Section R317.1. 4. Naturally durable termite-resistant wood. 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.

R318.1.1 Quality mark. R318.1.2 Field treatment. the field in accordance with AWPA M4. R318.2 Chemical termiticide treatment.

accordance with the termiticide label. R318.3 Barriers.

on top of an exterior foundation wall are permitted to be used only if in combination with another method of protection 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 grade. The clearance between foam plastics installed above grade and exposed earth shall be not less than 6 inches (152 mm).

Exceptions:

plastic and structure from subterranean termite damage is used. 3. On the interior side of basement walls. wood structural members shall be

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 this section.

with the test specimen remaining in place during the test. Exception: Plastic composites determined to be noncombustible. R902.4 Rooftop-mounted photovoltaic panel systems. 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 (914 mm) 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 shingles. 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 bitumensheet shall be used in place of normal underlayment and extend from the lowest edges of all roof surfaces to a point not less than 24 inches (610 mm) inside the exterior wall line of the building. On roofs with slope equal to or greater than eight units vertical in 12 units horizontal (67-percent slope), the ice barrier shall also be applied not less than 36 inches (914 mm) measured along the roof slope from the eave edge of the building. Exception: Detached accessory structures not containing conditioned floor area.

Fasteners, including nuts and washers, for preservative-treated wood shall be of hot-dipped, zinc-coated qalvanized 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 G185 zinc-coated galvanized steel, or equivalent, shall be used.

R.R. (SEE PLAN FOR SIZE & SPACING)
LTSIG @ EACH R.R. (R.R. TO HDR. & KING STUD) WHEN R.R. END OVER HDR. (6) IOD COMMON NAILS REQ'D
SIMPSON HURRICANE CLIP (SEE PLAN FOR DETAILS)
SIMPSON HTSIG TWIST STRAPS COMPLIES WITH, WECM-2001 (16) IOD COMMON NAILS REQ'D (6) I2" SIMPSON CS20 TIES LAP TIES UNDER SILL (8) 8D COMMON NAILS PER TIE REQ'D
ON STRONG TIE SEE CORROSION PREVENTION NOTES R TO JACK POST DETAIL

LEGEND	
	NEW FOUNDATION
7//////////////////////////////////////	NEW PARTITION
	EXIST. PARTITION
	DEMOLITION PARTITION / FOUND.
S⊅ ⊗	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
∨.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 STRUCTURAL OPENING
0.T.P.	OWNER TO PROVIDE

Plastic composite exterior deck boards, stair treads, guards and handrails containing wood, cellulosic or other biodegradable materials shall comply with the requirements of Section R507.3.

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 prevention, shall be installed in a manner to prevent termites from entering the structure. Shields placed

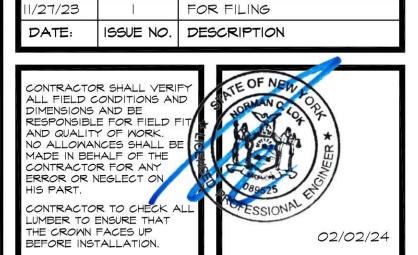
I. Buildings where the structural members of walls, floors, ceilings and roofs are entirely of noncombustible naterials or pressure-preservative-treated wood 2. Where in addition to the requirements of Section R318.1, an approved method of protecting the foam

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,

R507.2.2.1 Labeling. Plastic composite deck boards and stair treads, or their packaging, shall bear a label 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 packaging, shall bear a label that indicates compliance 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



02/02/24 2 B.D. COMMENTS

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PROJECT TITLE:

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DRAWING TITLE:

PROPOSED GARAGE EXPANSION

DRAWN BY: CHECKED BY: N.C.L. CALE:

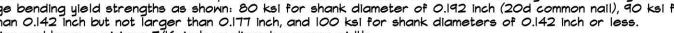
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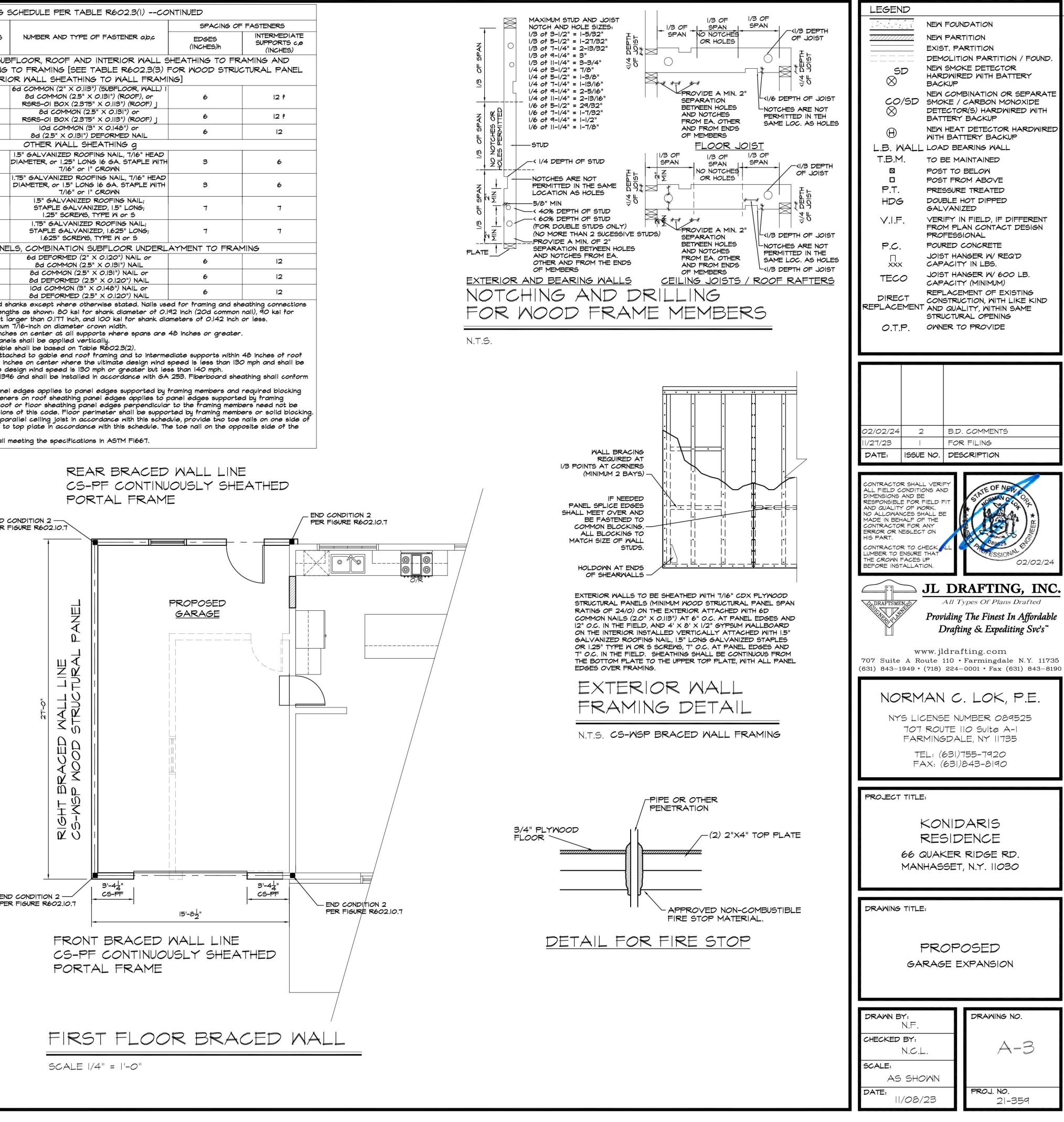
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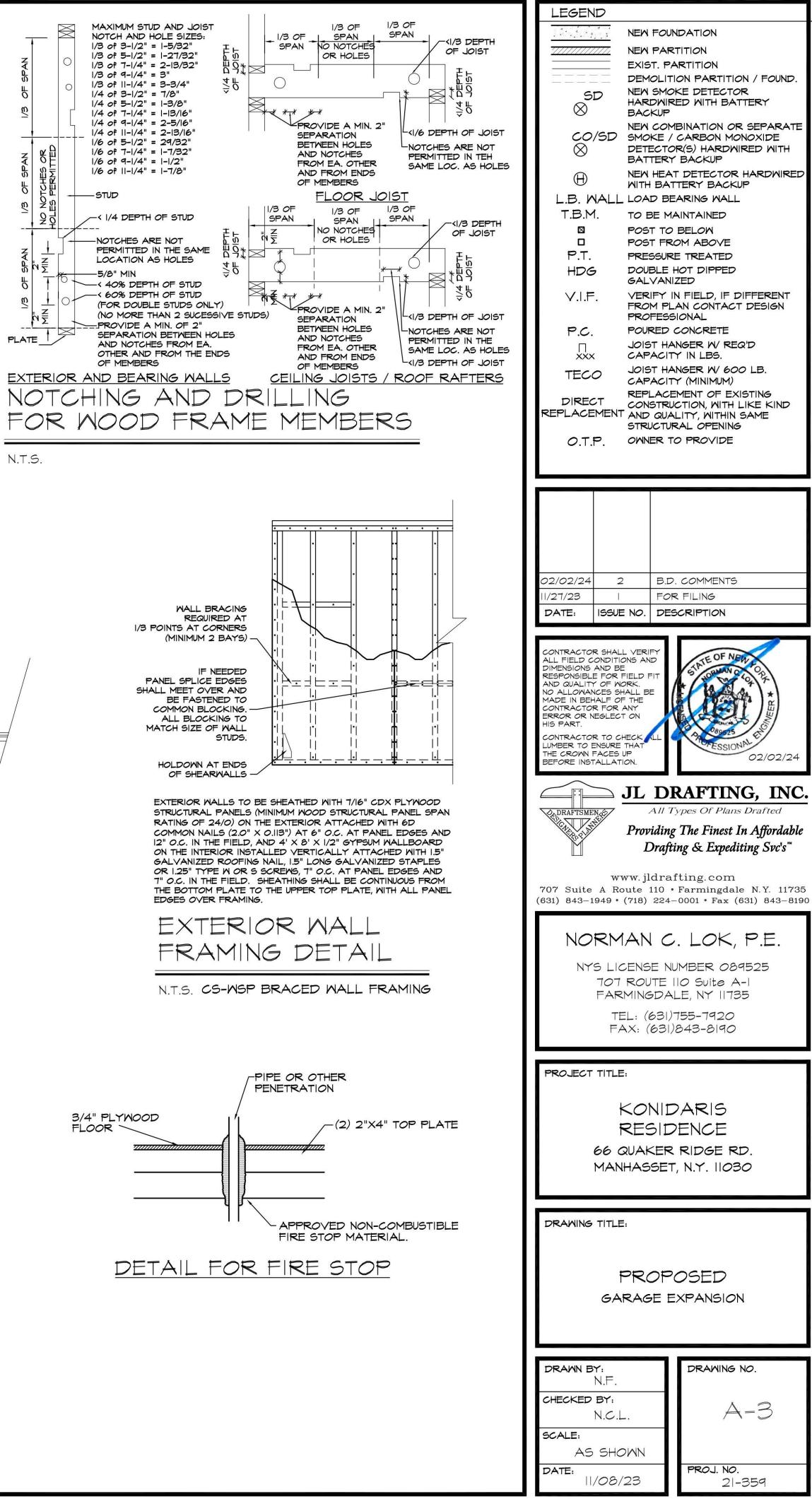
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PROJ. NO. 21-359

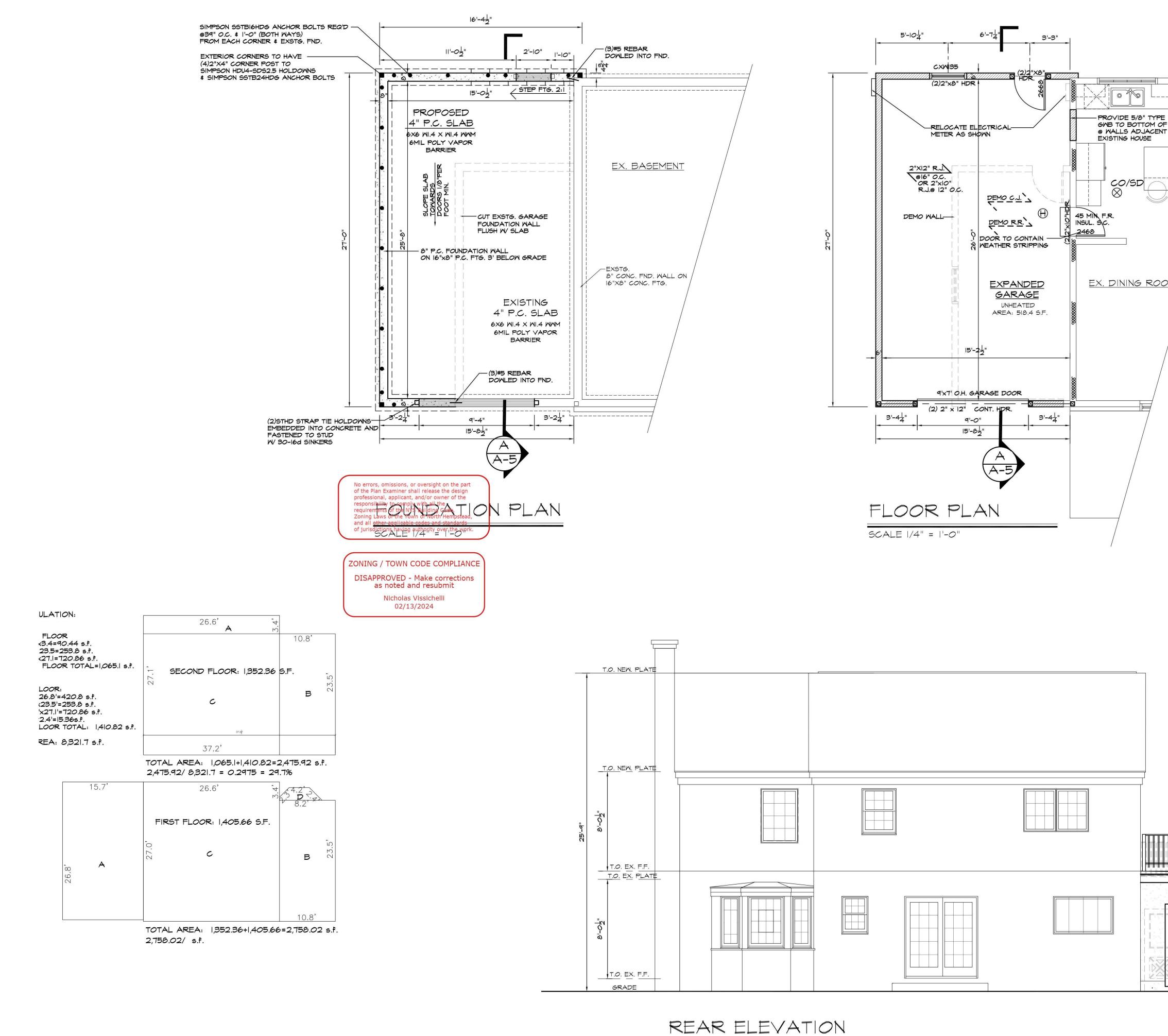
	FASTE	NING SCHEDULE PER TABLE R602.3(1)		FASTENING S	SCHEDULE PER TAE	3LE R602.3(1)CO	NTINUED	
ITEM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER a,b,c	SPACING AND LOCATION					SPACING OF	FASTENERS
	BLOCKING BETWEEN CEILING JOISTS OR	ROOF 4-8d BOX (2.5" X 0.113") or 3-8d COMMON (2.5" X 0.131") or	TOE NAIL	ITEM			OF FASTENER abc	EDGES (INCHES)h	INTERMEDIATE 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	ICE NAIL	_ P,	WOOD STRUCTURAL PANELS, SUB ARTICLEBOARD WALL SHEATHING EXTERIO	TO FRAMING [SEE		FOR WOOD STRUC	AN ALVE WARDED ADDRESS IN AUGUST DECEMENT
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 8d COMMON (2.5") RSRS-01 BOX (2.37)		6	12 f
з,	CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS (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"	RSRS-OI BOX (2.37	2.5" X O.131") or 5" X O.113") (ROOF) j '3" X O.148") or	6	12 f
4	TABLE R802.5.2) CEILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT) (SEE SECTION	TABLE R802.5.2	FACE NAIL	32	- /8" - - /4"	OTHER WALL SH	DEFORMED NAIL	6	12
5	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 ROC DIAMETER, or 1.25" LOI 7/16" or		з	6
	RAFTER	4-3" × 0.131" NAILS 3-16d BOX (3.5" × 0.135") or 3-10d COMMON (3" × 0.148") or	2 TOE NAILS ON ONE SIDE AND I TOE NAIL ON	34	25/32" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING	1.75" GALVANIZED ROC DIAMETER, or 1.5" LON	OFING NAIL, 7/16" HEAD IG 16 GA. STAPLE WITH I" CROWN	з	6
6	RAFTER OR ROOF TRUSS TO PLATE	4-10d BOX (3" X 0.128") or 4-3" X 0.131" NAILS	OPPOSITE SIDE OF EACH RAFTER or TRUSS, I	35	1/2" GYPSUM SHEATHING d	1.5" GALVANIZED STAPLE GALVA	D ROOFING NAIL;	т	7
	ROOF RAFTERS TO RIDGE, VALLEY OR	4-16d BOX (3.5" X 0.135") or 3-10d COMMON (3" X 0.148") or 4-10d BOX (3" X 0.148") or	TOE NAIL	36	5/8" GYPSUM SHEATHING d	1.75" GALVANIZE	D ROOFING NAIL; IZED, 1.625" LONG;	٦	т
Т	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			WOOD STRUCTURAL PANE	LS, COMBINATION	SUBFLOOR UNDERL	AYMENT TO FRAM	ING
		3-10d BOX (3" X 0.128") or 3-3" X 0.131" NAILS	END NAIL	37	3/4" AND LESS	6d DEFORMED (2" 8d COMMON (2.5" 8d COMMON (2.5"	5" X O.I3I") NAIL	6	12
				38	7/8" - 1"	8d DEFORMED (2		6	12
8	STUD TO STUD (NOT AT BRACED WALL	16d COMMON (3.5" × 0.162") 10d BOX (3" × 0.128") or	24" O.C. FACE NAIL	39	I-I/8" - I-I/4"	IOd COMMON (3" 8d DEFORMED (2	Magen, and Market Market and a straight and	6	12
		3" X O.I31" NAILS	16" O.C. FACE NAIL		ils are smooth-common, box or deformed st	hanks except where oth	nerwise stated. Nails use		
q	STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT	16d BOX (3.5" X 0.135") or 3" X 0.131" NAILS	12" O.C. FACE NAIL		have minimum average bending yield streng diameters larger than 0.142 inch but not lo				
Ľ.	BRACED WALL PANELS)	16d COMMON (3.5" × 0.162")	16" O.C. FACE NAIL	b. Sto	aples are 16 gage wire and have a minimum	7716-inch on diameter a	crown width.		
	BUILT-UP HEADER (2" TO 2" HEADER	16d COMMON (3.5" X 0.162")	16" O.C. EACH EDGE FACE NAIL		lis shall be spaced at not more than 6 inch ur-foot by 8-foot or 4-foot by 9-foot pane			48 inches or greater	,
10	BUILT-UP HEADER (2" 10 2" HEADER WITH 0.5" SPACER)	16d BOX (3.5" X 0.135")	12" O.C. EACH EDGE	e. Spa	acing of fasteners not included in this table	e shall be based on Tak	ole R602.3(2).		48 inches at another
		5-8d BOX (2.5" X 0.113") or	FACE NAIL	edges	r wood structural panel roof sheathing atta s and ridges, nails shall be spaced at 6 inc	ches on center where th	he ultimate design wind s	speed is less than 130	↔o incries of roof O mph and shall be
н	CONTINUOUS HEADER TO STUD	4-8d COMMON (2.5" X 0.131") or	TOE NAIL	g. Gyr	ed 4 inches on center where the ultimate do psum sheathing shall conform to ASTM C139	lesian wind speed is 130) mph or areater but les	ss than 140 mph.	to any to consider the second
+		4-10d BOX (3" X 0.128") 16d COMMON (3.5" X 0.162")	16" O.C. FACE NAIL	to AS	TM C208. acing of fasteners on floor sheathing panel				-
12	TOP PLATE TO TOP PLATE	10d BOX (3" X 0.128") or	12" O.C. FACE NAIL	and a	at floor perimeters only. Spacing of fastene	ers on roof sheathing p	anel édges applies to p	panel édges supporte	ed by framing
		3" × 0.131" NAILS 12-16d BOX (3.5" × 0.135") or	FACE NAIL ON EACH SIDE	memb	ers and required blocking. Blocking of roo ded except as required by other provision	of or floor sheathing par	nel edaes perpendicular	r to the framina memb	pers need not be
IB	DOUBLE TOP PLATE SPLICE	8-16d COMMON (3.5" X 0.162") or 12-10d BOX (3" X 0.128") or	OF END JOINT (MINIMUM 24" LAP SPLICE LENGTH	i. When	ere a rafter is fastened to an adjacent par after and toe nails from the ceiling joist to	rallel ceiling joist in acc	cordance with this sched	dule, provide two toe	nails on one side of
	BOTTOM PLATE TO JOIST, RIM JOIST,	12-3" X 0.131" NAILS 16d COMMON (3.5" X 0.162")	EACH SIDE OF END JOINT) 16" O.C. FACE NAIL	i. RSF	r shall not be required. RS-Ol is a Roof Sheathing Ring Shank nail r	meeting the specification	ons in ASTM FI667	· · ·	
14	BAND JOIST OR BLOCKING (NOT AT	16d BOX (3.5" X 0.135") or	16" O.C. FACE NAIL 12" O.C. FACE NAIL						
+	BRACED WALL PANELS) BOTTOM PLATE TO JOIST, RIM JOIST,	3" X O.131" NAILS 3-16d BOX (3.5" X O.135") or	3 EACH IG" O.C. FACE NAIL	-					_
15 1	BAND JOIST OR BLOCKING (AT BRACED WALL PANEL)	2-16d COMMON (3.5" X 0.162") or 4-3" X 0.131" NAILS 4-8d BOX (2.5" X 0.113") or	2 EACH 16" O.C. FACE NAIL 4 EACH 16" O.C. FACE NAIL	_			AR BRACED -PF CONTINU		
		3-16d BOX (3.5" X 0.135") or 4-8d COMMON (2.5" X 0.131") or	No errotoEnNailuns, or oversight on the				RTAL FRAM		
16	TOP OR BOTTOM PLATE TO STUD	4-10d BOX (3" X 0.128") or 4-3" X 0.131" NAILS	of the Plan Examiner shall release the des professional, applicant, and/or owner of t			CONDITION 2 -			
		3-16d BOX (3.5" X 0.135") or	responsibility to comply with all the requirements of the NYS Building Code,	1		FIGURE R602.10.7			
		2-16d COMMON (3.5" X 0.162") or 3-10d BOX (3" X 0.128") or	Zoning Laws of the Town of North Hemps and all other applicable codes and standa	ards		+			
	TOP PLATES, LAPS AT CORNERS AND	3-3" X 0.131" NAILS 2-16d COMMON (3.5" X 0.162") or	of jurisdictions having authority over the	work.					
	INTERSECTIONS	3-10d BOX (3" X 0.128") or 3-3" X 0.131" NAILS 3-8d BOX (2.5" X 0.113") or						\setminus	
18	I" BRACE TO EACH STUD AND PLATE	2-8d COMMON (2.5" X 0.115) or 2-10d BOX (3" X 0.128") or	ZONING / TOWN CODE COMPLI FACE NAIL DISAPPROVED - Make correct						
		2 STAPLES 1.75" 3-8d BOX (2.5" X 0.113") or	as noted and resubmit					PROPOSED GARAGE	
19	I" X6" SHEATHING TO EACH BEARING	2-8d COMMON (2.5" × 0.131") or 2-10d BOX (3" × 0.128") or	FACE Nicholas Vissichelli 02/13/2024					UARAGE	
		2 STAPLES, 1" CROWN, 16 GA., 1.75" LONG 3-8d BOX (2.5" X O.113") or				D D		[
		3-8d COMMON (2.5" X 0.131") or 3-10d BOX (3" X 0.128") or 3 STAPLES, 1" CROWN, 16 GA., 1.75" LONG							
20	I"X8" AND WIDER SHEATHING TO EACH BEARING	MIDER THAN 1"X8" 4-8d BOX (2.5" X 0.113") or	FACE NAIL			URA URA			
		3-8d COMMON (2.5" × 0.131") or 3-10d BOX (3" × 0.128") or							
		4 STAPLES, I" CROWN, 16 GA., 1.75" LONG		-		ALL RUC			└┤═══
				-					
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						
		3-3" × 0.131" NAILS 8d BOX (2.5" × 0.113")	4" O.C. TOE NAIL	-		ΠÜΘ			
22	JOIST TO SILL, TOP PLATE OR GIRDER	8d COMMON (2.5" X O.131") or 10d BOX (3" X O.128") or	6" O.C. TOE NAIL			Q Q Q A			
		3" X O.131" NAILS 3-8d BOX (2.5" X O.113") or		1		$ \stackrel{(1)}{\Omega} \stackrel{(2)}{\sim} \leq$	T		
23	I"X6" SUBFLOOR OR LESS TO EACH JOIST	2-8d COMMON (2.5" X O.131") or 3-10d BOX (3" X O.128") or	FACE NAIL			01 .			
+		2 STAPLES, I" CROWN, 16 GA., 1.75" LONG 3-16d BOX (3.5" X 0.135") or		-		ΙŢ			
24 25	2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM FLOOR &	2-16d COMMON (3.5" X 0.162") 3-16d BOX (3.5" X 0.135") or	AT EACH BEARING FACE	-		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
	ROOF)	2-16d COMMON (3.5" X 0.162") 3-16d COMMON (3.5" X 0.162") or 4-10d BOX (3" X 0.128") or	NAIL						
26	BAND OR RIM JOIST TO JOIST	4-3" X 0.131" NAILS or 4-3" X 14 GA. STAPLES, 7/16" CROWN	END NAIL						
		20d COMMON (4" X 0.192") or	NAIL EACH LAYER AS FOLLOWS: 32" O.C. AT TOP AND BOTTOM STAGGERED			a <u>t</u>	3'-4 ¹ / ₄ "		3'-44"
- L			24" O.C. FACE NAIL AT TOP AND BOTTOM	ī	EN	D CONDITION 2	CS-PF		CS-PF
	BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS	3" X O.I31" NAILS AND:	STAGGERED ON OPPOSITE SIDES	-		R FIGURE R602.10.7		and an and an	
27		2-20d COMMON (4" X 0.192") or 3-10d BOX (3" X 0.128") or	FACE NAIL AT ENDS AND AT EACH SPLICE					15'-8 ¹ 2"	
27				1					
21		3-3" × 0.131" NAILS 4-16d BOX (3.5" × 0.135") or		-		FRON	TBRACED		
21	LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	3-3" X 0.131" NAILS 4-16d BOX (3.5" X 0.135") or 3-16d COMMON (3.5" X 0.162") or 4-10d BOX (3" X 0.128") or	AT EACH JOIST OR RAFTER, FACE NAIL				IT BRACED		
21		3-3" X 0.131" NAILS 4-16d BOX (3.5" X 0.135") or 3-16d COMMON (3.5" X 0.162") or		-		CS-P	IT BRACED I F CONTINUOU AL FRAME		





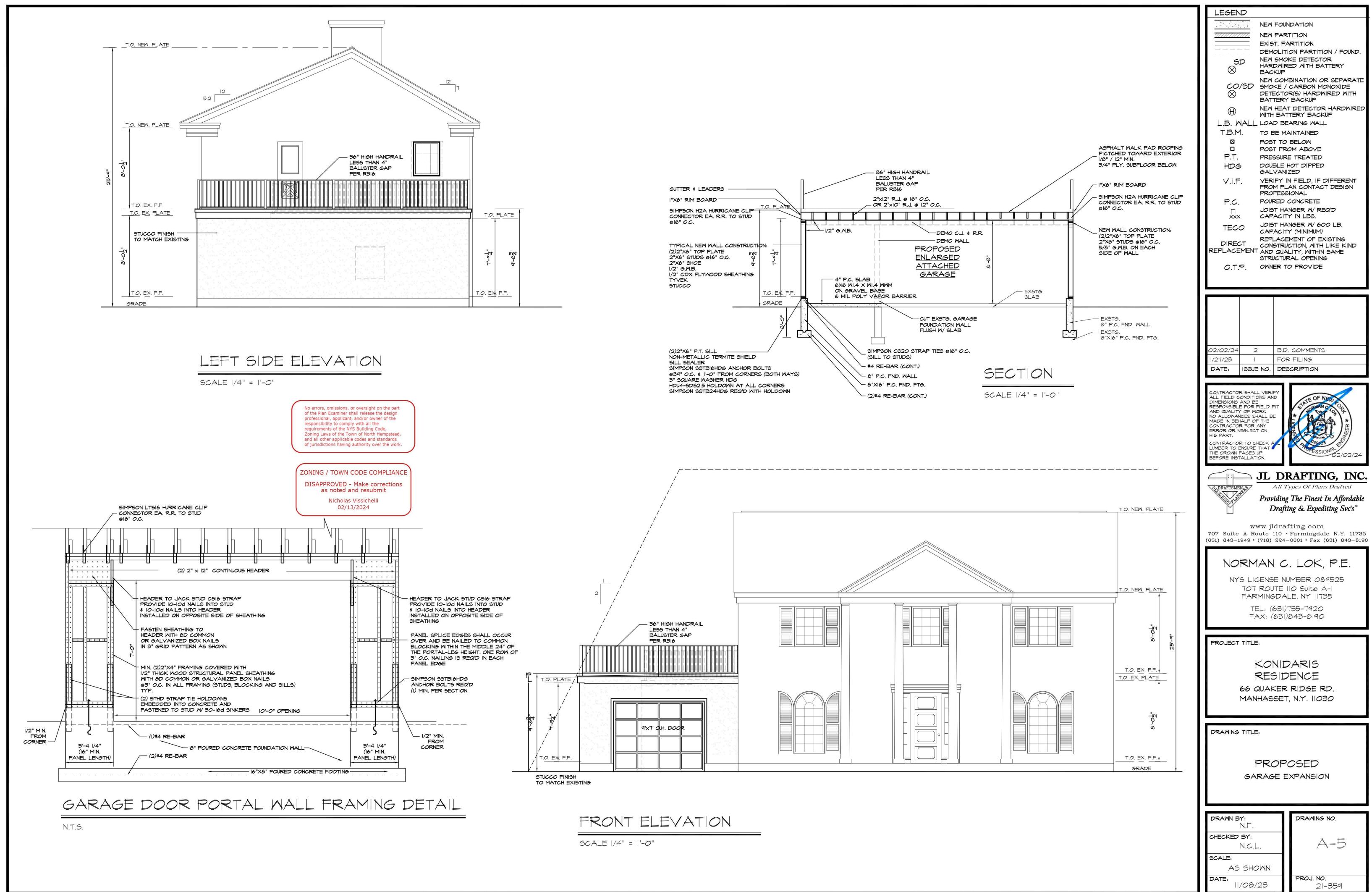


LEGEND	
4	NEW FOUNDATION
1111111111	NEW PARTITION
	EXIST. PARTITION
	DEMOLITION PARTITION / FOUND.
S⊅ ⊗	NEW SMOKE DETECTOR HARDWIRED WITH BATTERY BACKUP
co/s⊅ ⊗	NEW COMBINATION OR SEPARATE SMOKE / CARBON MONOXIDE DETECTOR(S) HARDWIRED WITH BATTERY BACKUP
\oplus	NEW HEAT DETECTOR HARDWIRED WITH BATTERY BACKUP
L.B. WALL	LOAD BEARING WALL
T.B.M.	TO BE MAINTAINED
\boxtimes	POST TO BELOW
	POST FROM ABOVE
P.T.	PRESSURE TREATED
HDG	DOUBLE HOT DIPPED GALVANIZED
∨.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 STRUCTURAL OPENING
0.T.P.	OWNER TO PROVIDE



SCALE |/4" = |'-0"

	LEGEND NEW FOUNDATION NEW PARTITION EXIST. PARTITION EXIST. PARTITION DEMOLITION PARTITION / FOUND. SD NEW SMOKE DETECTOR HARDWIRED WITH BATTERY BACKUP NEW COMBINATION OR SEPARATE CO/SD SMOKE / CAREON MONOXIDE DETECTOR(S) HARDWIRED WITH BATTERY BACKUP MEW 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 XXX CAPACITY IN LBS. TECO JOIST HANGER W/ 600 LB. CAPACITY (MINIMM) REPLACEMENT OF EXISTING CONSTRUCTION, WITH LIKE KIND REPLACEMENT OF EXISTING O.T.P. OWNER TO PROVIDE			
NOTE: ALL FRAMING LUMBER TO BE DOUGLAS FIR-LARCH #2 OR BETTER. FIRE BLOCKING & DRAFT STOPPING REQT PER R302.11, R302.12 & R502.2.2 MINIMUM WIDTH OF BUILT UP 2"X4" POSTS (NAILED OR BOLTED TOGETHER) TO BE GREATER THAN WIDTH OF HEADER SUPPORTED, UNLESS OT S" DIA. SCHEDULE 40 STANDARD WEIGHT PIPE ASOI OR ASS GRAPE B STEEL COLLINN IS AN ACCEPTINED ERFL ACETERD TON BUILT UP WOOD POST. MOOD FRAMING EXTERIOR WALL 2000 FRAMING EXTERIOR WALL	02/02/24 2 B.D. COMMENTS II/27/23 I FOR FILING DATE: ISSUE NO. DESCRIPTION CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS AND BE RESPONSIBLE FOR FIELD FIT AND QUALITY OF WORK. DESCRIPTION CONTRACTOR FOR FIELD FIT AND QUALITY OF WORK. DESCRIPTION CONTRACTOR TO CHECK FILL UMBER TO ENSURE THAT THE CROWN FACES UP BEFORE INSTALLATION. DESCRIPTION DIATE: DESCRIPTION DIATE: DIATE: DIATE: DIATE: DIATE: DESCRIPTION DIATE: DIATE: DIATE: DIATE: DIATE: DESCRIPTION: DIATE: DIATE: DESCRIPTION: DIATE: DIATE: DESCRIPTION: DIATE: DIATE: DIATE: DIATE: DIATE: DIATE: DIATE: <			
EXSTG. 8" P.C. WALL ON 8"x 16" P.C. FTG. EXSTG. WOOD FRAMING WALL	(631) 843-1949 • (718) 224-0001 • Fax (631) 843-8190 NORMAN C. LOK, P.E. NYS LICENSE NUMBER 089525 707 ROUTE IIO Suite A-I FARMINGDALE, NY II735 TEL: (631)755-7920 FAX: (631)843-8190			
36" HIGH RAILING LESS THAN 4" BALUSTER GAP	PROJECT TITLE: KONIDARIS RESIDENCE 66 QUAKER RIDGE RD. MANHASSET, N.Y. 11030			
	DRAWING TITLE: PROPOSED GARAGE EXPANSION			
T.O. EX F.F.	DRAWN BY: N.F. CHECKED BY: A=4 N.C.L. A=4 SCALE: AS SHOWN DATE: II/08/23			



SITE SAFETY NOTES

ALL CONSTRUCTION SHALL MEET NEW YORK STATE BUILDING CODE, FIRE DEPARTMENT RULES AND REGULATION.

THIS PLAN HAS BEEN DRAWN AS A GUIDE TO COMPLY WITH GENERAL BUILDING DEPARTMENT CODES TO ENSURE THE SAFETY OF THE PUBLIC AND THE WORKERS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL SAFETY MEASURES REQUIRED BY LOCAL, STATE AND GOVERNMENT AGENCIES TO ASSURE A SAFE WORK PLACE.

- MATERIAL HANDLING & STORAGE
- a. ALL HALLWAYS AND CORRIDORS SHALL REMAIN CLEAR. MATERIAL THAT IS STACKED SHALL NOT OVERLOAD FLOOR. COMBUSTIBLE MATERIAL SHALL BE STORED AWAY FROM SPARK PRODUCING OPERATIONS.
- b. STACKING OF MATERIAL SHALL BE DONE ONLY ON LEVEL SURFACES. WHEN MATERIAL IS LIFTED, PROPER METHODS SHALL BE USED. MATERIAL STACKED AND STORED SHALL BE PROTECTED FORM OVERTURNING TO PREVENT INJURIES. MATERIAL SHALL BE LIFTED USING ONLY APPROVED TYPE METHODS.
- c. ALL MATERIAL STORED ON SITE WILL BE PROTECTED FROM RAIN, SNOW AND WIND CONDITIONS.
- LADDERS:
 LADDERS SHALL BE INSPECTED DAILY PRIOR TO USE AND REMOVED IF FOUND
 DEFECTIVE. ALL LADDERS ON THE JOBSITE SHALL BE HEAVY DUTY RATING # 1300
 POUND CAPACITY. ALUMINUM LADDERS SHALL NOT BE USED NEAR LOCATIONS WHERE
 ELECTRICAL HAZARDS EXIST.
- b. A FRAME LADDERS SHALL BE OPENED FULLY WHEN USED.
- c. LADDERS SHALL NOT BE CONVERTED TO USE AS A SCAFFOLD.d. LADDERS SHALL BE SET UP ON LEVEL AND FIRM SURFACES ONLY.
- HOUSEKEEPING:
- a. ALL DEBRIS ON THE SITE SHALL BE REMOVED IN A TIMELY MANNER TO PREVENT
- INJURIES AND FIRES.b. NAILS SHALL BE REMOVED FROM WOOD DEBRIS TO PREVENT CUTS. SUFFICIENT DEBRIS CONTAINERS WILL BE PROVIDED ON THE JOBSITE.
- c. FLOORS SHALL BE BROOM SWEPT EACH DAY USING SWEEPING COMPOUND TO LAY THE DUST.
- d. WORKERS EXPOSED TO DUST DURING CLEANING OPERATIONS WILL WEAR PROPER DUST MASKS.
- e. DEBRIS WILL NOT BE BURNED ON THE JOBSITE UNDER ANY CIRCUMSTANCES.
 TOOLS:
- a. POWER TOOLS WILL BE OPERATED BY WORKERS TRAINED TO USE THEM.
 b. AT NO TIME MAY A POWER TOOL BE ALTERED IN ANY WAY TO CHANGE ITS INTENDED
- USE OR HANDLING.c. DEFECTIVE TOOLS AND EQUIPMENT SHALL IMMEDIATELY BE REMOVED FROM THE SITE.d. EYE PROTECTION WILL BE USED WHEN OPERATING POWER TOOLS.
- e. POWER TOOLS WILL BE SECURED WHEN NOT BEING USED AND POWER CORDS DISCONNECTED.
- f. HAND TOOLS SHALL BE INSPECTED DAILY FOR DEFECTS AND REPAIRED OR REPLACED IMMEDIATELY IF DEFECTIVE.
- PERSONAL PROTECTIVE EQUIPMENT:
 a. THIS JOBSITE REQUIRES ALL WORKERS TO WEAR THE MINIMUM PPE WHILE WORKING. HARD HATS MUST BE WORN AT ALL TIMES TO PREVENT HEAD INJURIES.
 b. SAFETY GLASSES SHALL BE WORN WHEN CUTTING, GRINDING OR WELDING WHERE A
- RISK OF AN EYE INJURY CAN OCCUR. c. Steel tipped safety shoes shall be worn at all times when on the site.
- d. WORKERS ARE TO WEAR GLOVES INTENDED FOR THE WORK THEY ARE DOING.
 e. PROPER RESPIRATORY PROTECTION WILL BE WORN WHEN WORKERS ARE EXPOSED TO AIR BOURNE CONTAINMENTS.
- f. WHEN NOISE LEVELS EXCEED PERMISSIBLE LIMITS WORKERS WILL WEAR HEARING PROTECTION.
 g. SHORT PANTS ARE NOT ALLOWED ON THIS SITE AND SHIRTS MUST HAVE SLEEVES.
- SHORT PANTS ARE NOT ALLOWED ON THIS SITE AND SHIRTS MOST HAVE SLEEVES.
 WORKERS USING WELDING EQUIPMENT MUST WEAR FIRE RETARDANT CLOTHING.
 EVACUATION PLAN
- a. THE CONTRACTOR SHALL ESTABLISH AT LEAST TWO MEANS OF EGRESS FROM ALL WORK AREAS.
- b. LIGHTING SHALL BE MAINTAINED IN ALL EVACUATION ROUTES.
- c. EXIT SIGNAGE AND DIRECTIONAL SIGNAGE MUST BE POSTED AROUND THE SITE TO DIRECT WORKERS TO SAFE EXITS.
 d. A WARNING SYSTEM SHALL BE IMPLEMENTED TO NOTIFY WORKERS OF EMERGENCY
- EVACUATION.
 THE CONTRACTOR SHALL ARRANGE FOR THE WORKERS TO MEET AT A COMMON AREA TO BE COUNTED AND TO NOTIFY EMERGENCY WORKERS OF MISSING WORKERS.
 EMERGENCY TELEPHONE NUMBERS SHALL BE POSTED FOR FIRE POLICE AND
- AMBULANCE.
- FIRE PREVENTION:
 ONE FIRE EXTINGUISHER SHALL BE PROVIDED AT EVERY EXIT DOOR. AT CONSTRUCTION
 TRAILER AND DUMPSTER. COMBUSTIBLE DEBRIS WILL NOT BE PERMITTED TO COLLECT
 ON FLOORS.
- b. ONE FIRE GUARD SHALL BE PROVIDED DURING OPERATIONS FOR AT LEAST 30 MINUTES AFTER BURNING OPERATION ARE COMPLETED.
 c. ALL EXITS MUST BE KEPT CLEAR AND PASSABLE.
- ALL EXITS MOST BE REFT CLEAR AND PASSABLE.
 FLAMMABLE LIQUIDS ARE TO BE STORED OUTSIDE THE WORK AREAS AND CONTAINED IN METAL CANISTERS APPROVED BY NYC FIRE DEPT.
- e. ALL TARPS USED ON THE JOBSITE ARE TO BE FIRE RATED TO PREVENT FIRE.
 f. PLYWOOD SHANTIES LOCATED INSIDE THE BUILDING SHALL BE MADE OF FIRE RATED
- PLYWOOD.g. PAINTS AND PAINT THINNER SHALL BE STORED IN PROPERLY VENTED UTILITY CABINETS.h. PORTABLE HEATING DEVICES SHALL BE KEPT AWAY FROM COMBUSTIBLES.
- ELECTRICAL HAZARDS:
 ALL POWER TOOLS SHALL BE PROVIDED WITH PROPER GROUNDING AND GFCI
- PROTECTION.b. ALL EXTENSION CORDS WILL BE PROPERLY MAINTAINED AND DAMAGED CORDS DISCARDED.
- c. EXTENSION CORDS SHALL BE RUN FROM POWER SOURCE TO THE WORK AREA WITHOUT SUBJECTING THE POWER CORDS TO HAZARD CONDITIONS.
- ONLY LICENSED ELECTRICAL WORKERS SHALL CONDUCT ELECTRICAL WIRING AND INSTALLATION OF FIXTURES.
 ALL ELECTRICAL WORK SHALL BE INSPECTED BY CITY ELECTRICAL INSPECTORS AND
- APPROVED BEFORE USING. f. ALL EXPOSED WIRING SHALL BE DISCONNECTED OR PROVIDED WITH PROPER COVER
- PLATES. g. TEMPORARY LIGHTING SHALL BE HUNG BY PORCELAIN INSULATORS AND SECURED
- ABOVE 8 FEET.
- WORKING HOURS
 A
 THE CONTRACTOR SHALL NOT BEGIN WORK ON THE SITE UNTIL 7:00 AM AND COMPLETE
 DAILY OPERATIONS BY 6:00 PM. THESE HOURS REMAIN IN EFFECT MONDAY THROUGH
 FRIDAY OR AS OTHERWISE MANDATED BY THE LOCAL MUNICIPALITY.
- FIRST AID KITS
 a. EACH SUB CONTRACTOR SHALL PROVIDE THEIR WORKERS WITH A FULLY STOCKED FIRST AID KIT WHICH SHALL BE AVAILABLE WHEN NEEDED.
- b. THE FIRST AID KIT SHALL INCLUDE INDIVIDUALLY WRAPPED PACKETS OF ASPIRIN, BACITRACIN, GAUZE WRAP, ANTISEPTIC WIPES, STERILE GLOVES, EYE WASH SOLUTION ETC.
- c. THE FIRST AID KIT SHALL BE CHECKED PERIODICALLY AND REPLENISHED AS NEEDED, IN ADDITION TO THE FIRST AID KIT THERE SHOULD BE A SEPARATE EYE WASH STATION NEARBY THAT WORKERS CAN OPERATE TO FLUSH OUT FOREIGN MATTER FROM THEIR EYES WHEN NEEDED.
 DUST CONTROL:
- a. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO PROVIDE WATER ON THE SITE TO PREVENT EXCESSIVE DUST FROM BEING KICKED UP WHEN CONSTRUCTION VEHICLES DRIVE ON SITE.
- ALL HVAC DUCTWORK SHALL BE ENCLOSED TO PREVENT DUST INFILTRATION INTO DUCT WORK.
- c. WHEN WORKERS NEED TO WORK IN DUST CONDITIONS, THE WORKERS SHALL WEAR APPROVED TYPE RESPIRATORS.

GENERAL NOTES

- 1. THE GENERAL CONTRACTOR SHALL HAVE A COMPETENT SUPERINTENDENT ON THE PREMISES AT ALL TIMES WHEN THE WORK IS IN PROGRESS.
- 2. GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH BUILDING'S FACILITIES DEPARTMENT, TELEPHONE COMPANY, AND VARIOUS VENDORS DURING CONSTRUCTION AND PHASING PROCESS.
- 3. ALL WORK SHALL BE IN CONFORMANCE WITH THE NYC BUILDING CODES AND ALL APPLICABLE RULES AND REGULATIONS OF AUTHORITIES UNDER EACH JURISDICTION.
- 4. ALL PLUMBING AND ELECTRICAL WORK TO BE DONE BY TRADESMEN LICENSED IN THE
- JURISDICTION WHO WILL OBTAIN REQUIRED INSPECTIONS AND SIGN-OFFS.
 5. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING WORK AND SHALL REPORT ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS TO THE ARCHITECT. WORK DONE AFTER THE DISCOVERY OF DISCREPANCIES AND PRIOR TO THE RECEIPT OF WRITTEN APPROVAL FOR CORRECTION BY THE ARCHITECT SHALL BE AT CONTRACTOR'S RISK. NO ADDTIONAL COST WILL BE ADDED TO THE PRIOJECT DUE TO THE CONTRACTOR'S OVERSIGHT IN VERIFICATION OF EXISTING CONDITIONS.
- 6. THE ENGINEER/ARCHITECT OF RECORD SHALL BE NOTIFIED FOR ANY INSPECTIONS.
- THE GENERAL CONTRACTOR SHALL MAINTAIN INSURANCE COVERAGE IN ACCORDANCE WITH THE BUILDING OWNER'S REQUIREMENTS.
 ASBESTOS: SHOULD ANY ASBESTOS OR ASBESTOS CONTAINING MATERIAL (A.C.M.) BE
- UNCOVERED, IT SHOULD BE REPORTED IMMEDIATELY TO THE OWNER AND ARCHITECT. THESE CONTRACT DOCUMENTS DO NOT INCLUDE THE REMOVAL OF ANY ASBESTOS OR A.C.M.
- BEFORE COMMENCING WORK, CONTRACTOR SHALL FILE ALL NECESSARY CERTIFICATES OF INSURANCE AND FAMILIARIZE HIMSELF WITH THE BUILDING RULES AND REGULATIONS.
- a. ANY BASE-BUILDING SLAB WORK MUST BE PRE-APPROVED BY LANDLORD.
 b. CONTRACTOR IS RESPONSIBLE TO LOCATE ALL EXISTING UNDERGROUND UTILITIES AND CLEARLY MARK THEM PRIOR TO EXCAVATION AS REQUIRED BY GOVERNING AGENCIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THESE UTILITIES FROM DAMAGES OR DESTRUCTION.
- c. APPLICANT OF RECORD SHALL VERIFY AND CONFIRM THE SCOPE.
 11. CONTRACTOR RESPONSIBLE TO PROTECT ALL ADJOINING PROPERTIES BOTH PUBLIC AND PRIVATE AND TAKE ALL SAFETY PRECAUTIONS TO PROTECT THE HEALTH, SAFETY AND WELFARE OF THE IMMEDIATE AREA.
- 12. ALL DOORS TO BE INCOMBUSTIBLE.
- 13. DUCTS, PIPES AND CONDUITS PASSING THROUGH RATED CONSTRUCTION SHALL COMPLY WITH SECTION 714 & 715 OF 2020 BCNYS.
- 14. ALL WOOD TO BE FIRE-PROOF AS PER TABLE 601 OF 2020 BCNYS
- ALL MATERIALS, ASSEMBLIES, FORM AND METHODS OF CONSTRUCTION AND SERVICE EQUIPMENT SHALL COMPLY WITH THE REQUIREMENT OF SECTION 703 & 704 OF 2020 BCNYS.
 NO MATERIAL OF ANY MANUFACTURE OR PRODUCER SHALL BE ACCEPTABLE FOR USE INTENDED UNLESS AND UNTIL THE MATERIAL HAS BEEN TESTED FOR COMPLIANCE WITH LOCAL CODE REQUIREMENTS.

GENERAL CONSTRUCTION NOTES

- 1. KEEP STREET AND SIDEWALKS AROUND THE EXTERIOR OF THE CONSTRUCTION AREA FREE FROM RUBBISH DURING THE COURSE OF CONSTRUCION.
- 2. CONTRACTOR SHALL REMOVE ALL RUBBISH FROM THE SITE AND DISPOSE OF GENERAL CONSTRUCTION WASTE INCLUDING PACKING MATERIAL ETC. GENERATED BY ALL TRADES ACCORDING TO LOCAL AGENCIES HAVING JURISDICTION.
- 3. CONTRACTOR SHALL MAINTAIN AND KEEP CURRENT A COMPLETE SET OF CONTRACT DOCUMENTS ON THE PREMISES DURING THE COURSE OF CONSTRUCTION.
- 4. CONTRACTOR SHALL NOT PERFORM ANY WORK THAT REQUIRES SHOP DRAWING APPROVAL BEFORE RECEIPT OF SUCH APPROVAL FROM THE ARCHITECT. NOR SHALL ANY MATERIAL REQUIRING SUBMITTAL APPROVAL BE PURCHASED BEFORE SUCH APPROVAL.
- MATERIALS:
- A. ALL WOOD FRAMING, BLOCKING, SHEATHING, ETC. TO BE CERTIFIED PRESSURE TREATED FIRE RETARDANT IF REQUIRED BY LOCAL AUTHORITY.
- 3. ALL MATERIALS MANUFACTURED ARTICLES AND EQUIPMENT SPECIFIED ON THE PLANS SHALL BE INSTALLED OR APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURE'S SPECIFICATIONS AND RECOMMENDATIONS UNLESS MORE RESTRICTIVE CONDITIONS BY LOCAL LAWS PREVAIL.
- C. ALL INTERIOR FINISHES TO HAVE FLAME SPREAD RATING AS REQUIRED BY PREVAILING CODE REQUIREMENTS.
- D. CEILING MATERIALS SHALL BE NON COMBUSTIBLE WITH RATED HARDWARE FOR THE SUSPENSION SYSTEM.
- E. ALL DRYWALL MATERIALS SHALL BE 5/8" TYPE-X MATERIAL TAPED AND SPACKLED WITH MINIMUM 3 COATS WHEN INTENDED FOR PAINT FINISH.

ADA NOTES

THE GENERAL CONTRACTOR SHALL ACQUAINT HIMSELF WITH THE HANDICAPPED REQUIREMENTS FOR THE APPLICABLE STATES AND THE AMERICAN DISABILITIES ACT (ADA) AND SHALL INSURE THAT THIS FACILITY WILL BE ACCESSIBLE. ACCORDING TO THE STRICTER REQUIREMENTS OF THE APPLICABLE STANDARDS. THE FOLLOWING IS A PARTIAL LIST OF REQUIREMENTS.

- DOOR HARDWARE SHALL BE MOUNTED BETWEEN 36" AND 42" ABOVE FLOOR AND BE LEVER TYPE.
- 2. TOILETS
- A. LAVATORY TO HAVE LEVER HANDLES, SPRING FAUCETS OR SELF METERING FAUCETS.
 B. A COAT HOOK 48" ABOVE THE FLOOR SHALL BE MOUNTED ON THE BACK SIDE OF THE HANDICAPPED STALL DOOR. LOCATE THE WATER CLOSET 18" FROM THE CENTER LINE OF THE FIXTURE TO THE WALL THE SEAT.
- C. WILL BE 17" TO 19" ABOVE THE FLOOR TO THE TOP OF SEAT.
- D. PROVIDE ONE 42" AND ONE 36" LONG x 1 1/2" OUTSIDE DIAMETER PEENED GRAB BARS, 1 1/2" FROM THE WALL WITH ONE BEHIND AT 6" FROM THE WALL AND ONE ADJACENT TO AT 12" FROM THE WALL 33"-36" PARALLEL TO AND ABOVE THE FLOOR. LAVATORY TO BE MOUNTED 32" ABOVE THE FINISHED FLOOR TO RIM WITH KNEE SPACE OF 30" IN.
- E. WIDTH AND 27" IN CLEAR HEIGHT. (29" CLEAR UNDER FRONT EDGE>) INSTALL MIRROR 36"
- ABOVE THE FINISHED FLOOR (TO BOTTOM) AND 72" TO TOP. F. DISPENSERS TO BE MOUNTED A MAXIMUM OF 42" ABOVE THE FLOOR TO ALL OPERATING OR.
- G. DISPENSING SLOTS.
- H. TOILET PAPER DISPENSERS MOUNTED 19" MIN. TO CENTER LINE ABOVE THE FLOOR.

CODE TABLE

ALL WORK UNDER THIS APPLICATION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE FOLLOWING CODES AND STANDARDS:

- 2020 BUILDING CODE OF NYS
- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NYS (ECCCNYS)
- 2020 PLUMBING CODE OF NYS
- 2020 MECHANICAL CODE OF NYS
 2010 ADA STANDARDS
- _____

DISCLAIMER NOTES

THIS PLAN IS APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTER SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

DRAWING	INDEX	
T-100.00	GENERAL NOTES, PROGRESS INSPECTION & DRAWING INDEX	01 OF 21
Z-100.00	ZONING - ANALYSIS & PLOT PLAN	02 OF 21
G-100.00	ADA NOTES	03 OF 21
G-101.00	ADA CIRCULATION PLAN	04 OF 21
G-200.00	OCCUPANCY PLAN	05 OF 21
G-300.00	EGRESS PLAN & CIRCULATION	06 OF 21
DM-100.00	DEMOLITION PLAN & NOTES	07 OF 21
A-100.00	EXISTING CELLAR PLAN	08 OF 21
A-101.00	PROPOSED PLAN & NOTES	09 OF 21
A-200.00	FIXTURE PLAN & SCHEDULE	10 OF 21
A-201.00	FINISH PLAN & NOTES & SCHEDULE	11 OF 21
A-202.00	REFLECT CEILING PLAN & SCHEDULE	12 OF 21
A-300.00	CONSTRUCTION DETAILS	13 OF 21
S-100.00	STRUCTURAL PLAN AND DETAILS	14 OF 21
E-100.00	PROPOSED LIGHTING PLAN & NOTES	15 OF 21
E-101.00	PROPOSED OUTLET PLAN & NOTES	16 OF 21
E-200.00	ELECTRIC DETAILS	17 OF 21
PL-100.00	WATER SUPPLY PLAN	18 OF 21
PL-101.00	SANITARY PLAN	19 OF 21
PL-200.00	PLUMBING RISER DIAGRAM	20 OF 21
PL-300.00	PLUMBING DETAILS	21 OF 21

CLIMATE ZONE TABLE

3	COUNTY	CLIMATE ZONE					
1	NASSAU	4					
	BUILDING CODE DATA						
	TYPE OF CONSTRUCTION (CHAPTER 6) - TYPE II - ORDINARY CONSTRUCTION (602.3)						

USE & OCCUPANCY CLASSIFICATION (CHAPTER 3) - ASSEMBLY GROUP "A-2"

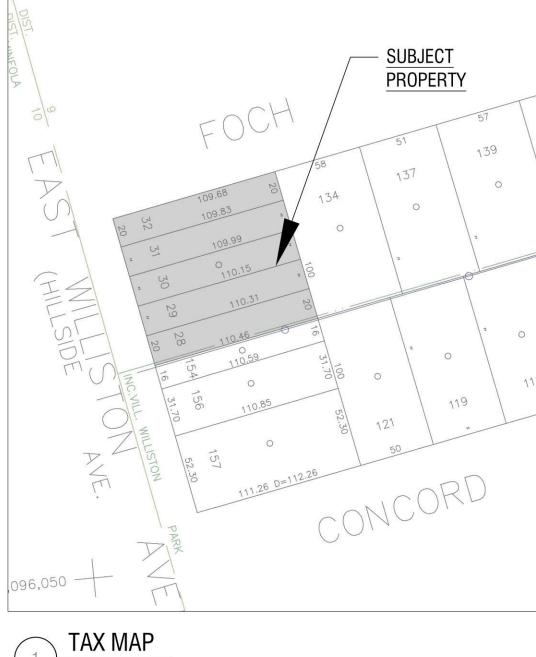
CONSTRUCTION CLASSIFICATION										
	TABLE 601 - FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENT (HOURS)									
BUILDING EL		т	TYPE I TYPE II TYPE III		PE III	TYPE IV	TYF	PE V		
BUILDING EL	EMENTS	A	В	A	В	A	В	A & B	A	В
STRUCTURE FRAME: COLUMNS, GIRDERS,		3	2	1	0	1	0	НТ	1	0
BEARING WALL: EXTE	RIOR RIOR	3 3	2 2	1 1	0	2 1	2 0	2 1/HT	1	0
NONBEARING WALLS EXTERIOR	& PARTITION -		- 22 - 2			SEE TABLE 602				54. 54
NONBEARING WALLS	& PARTITION -	0	0	0	0	0	0	602.4.6	0	0
FLOOR CONSTRUCTION SUPPORTING BEAMS		2	2	1	0	1	0	НТ	1	0
ROOF CONSTRUCTION SUPPORTING BEAMS		1.5	1	1	0	1	0	нт	1	0
	TABLE 602 ·	- FIRE-RI	ESISTANCE	RATING	REQUIREM	IENTS FOR	EXTERIO	R WALLS	fa	50. -
FIRE SEPARATION DISTANCE (FT)	TYPE OF CONSTRUCTIO	N	GROUP H		GROUP F-	1, M, S-1	8	GROUP A, B E, F-2	2, I, R, S-2	, U
< 5	ALL		3		2			1		
>/= 5 < 10	A COMPANY OF A COM		3 2		2 1	2		1 1		
>/= 10 < 30			2 1 1		1 0 1			1 0 1		
>/= 30	ALL		0		0			0		

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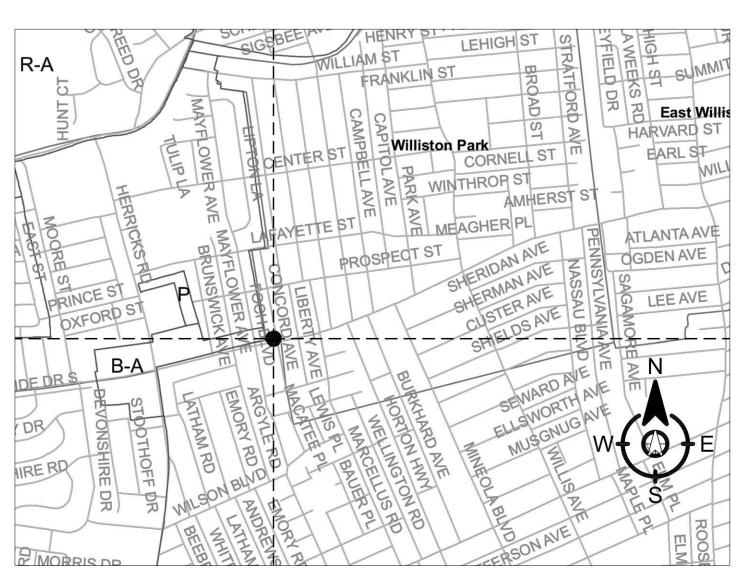
SCOPE OF WORK

- FILE APPLICATION TO MAINTAIN THE EXIST'G TAKE-OUT RESTAURANT WITH WORK @001
- REMEDY STOP WORKING ORDER.
- WORK INVOLVING IN INTERIOR PARTITION & PLUMBING
- WORK AS PER PLAN FILED HEREWITH.

PROPERTY INFO						
344 HILLSIDE AVE.						
WILLISTON PARK	K, NY 11596					
SECTION	9					
BLOCK	142					
LOT	28					
LOT AREA	11107.58 SQ FT					
ZONING DISTRICT	BUSINESS-A					
NUMBER OF STROIES	1.0					



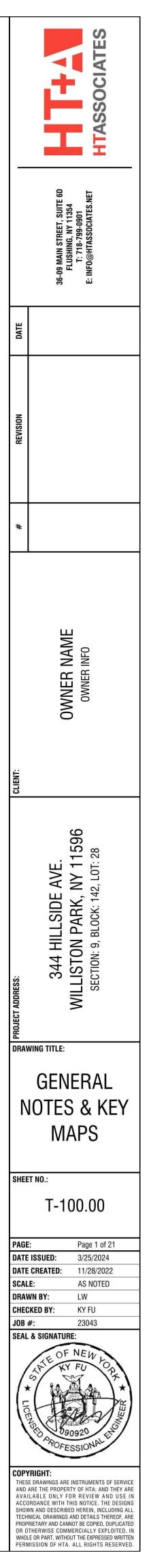
1 TAX MAF SCALE: N.T.S.



2 ZONING MAP







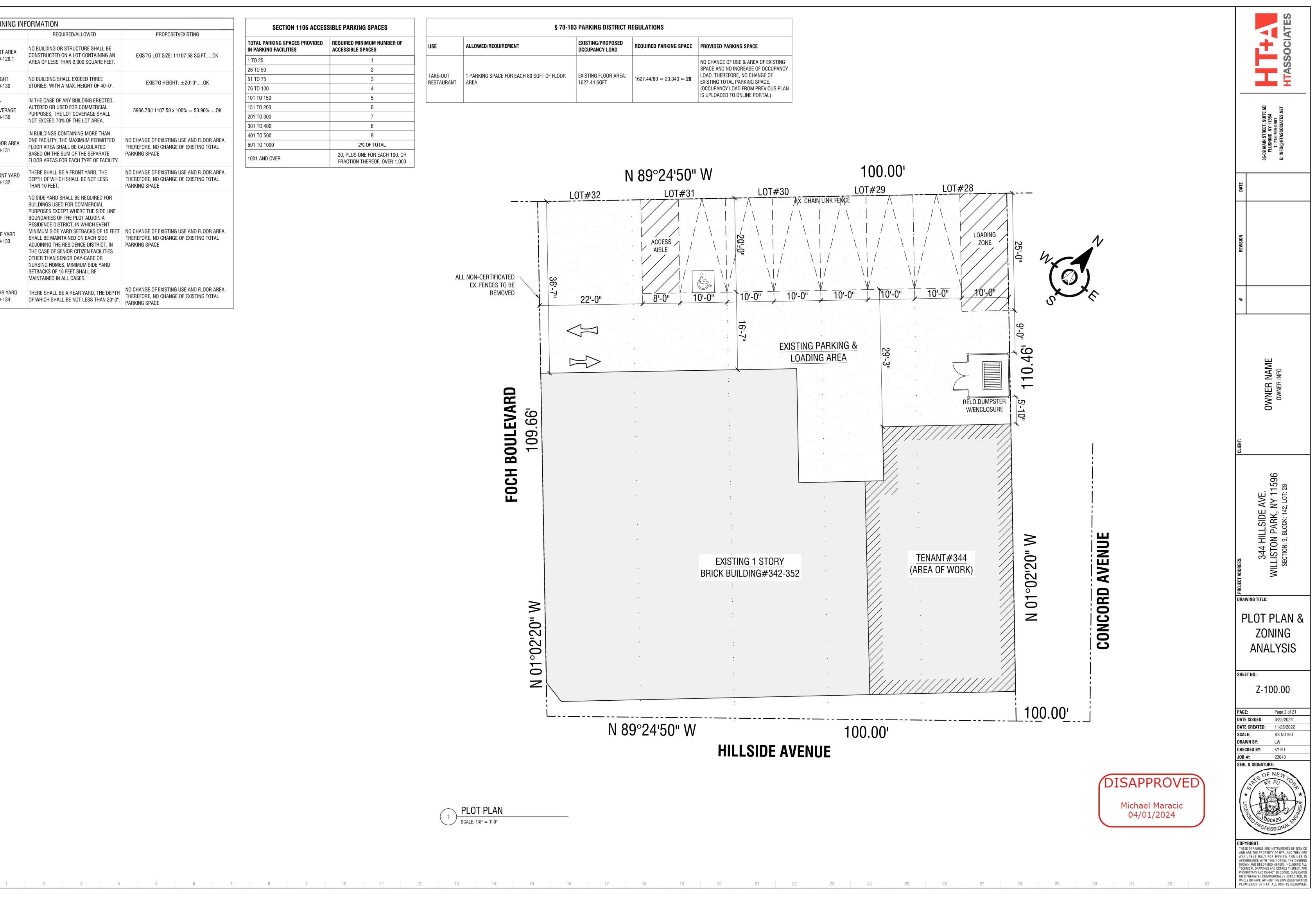


ZONING IN	FORMATION	
	REQUIRED/ALLOWED	PROPOSED/EXISTING
PLOT AREA §70-128.1	NO BUILDING OR STRUCTURE SHALL BE CONSTRUCTED ON A LOT CONTAINING AN AREA OF LESS THAN 2,000 SQUARE FEET.	EXIST'G LOT SIZE: 11107.58 SQ FTOK
HEIGHT §70-130	NO BUILDING SHALL EXCEED THREE STORIES, WITH A MAX. HEIGHT OF 40'-0".	EXIST'G HEIGHT: ±20'-0"OK
LOT COVERAGE §70-130	IN THE CASE OF ANY BUILDING ERECTED, ALTERED OR USED FOR COMMERCIAL PURPOSES, THE LOT COVERAGE SHALL NOT EXCEED 70% OF THE LOT AREA.	5986.78/11107.58 x 100% = 53.90%OK
FLOOR AREA §70-131	IN BUILDINGS CONTAINING MORE THAN ONE FACILITY, THE MAXIMUM PERMITTED FLOOR AREA SHALL BE CALCULATED BASED ON THE SUM OF THE SEPARATE FLOOR AREAS FOR EACH TYPE OF FACILITY.	NO CHANGE OF EXISTING USE AND FLOOR AREA THEREFORE, NO CHANGE OF EXISTING TOTAL PARKING SPACE
FRONT YARD §70-132	THERE SHALL BE A FRONT YARD, THE DEPTH OF WHICH SHALL BE NOT LESS THAN 10 FEET.	NO CHANGE OF EXISTING USE AND FLOOR AREA THEREFORE, NO CHANGE OF EXISTING TOTAL PARKING SPACE
SIDE YARD §70-133	NO SIDE YARD SHALL BE REQUIRED FOR BUILDINGS USED FOR COMMERCIAL PURPOSES EXCEPT WHERE THE SIDE LINE BOUNDARIES OF THE PLOT ADJOIN A RESIDENCE DISTRICT, IN WHICH EVENT MINIMUM SIDE YARD SETBACKS OF 15 FEET SHALL BE MAINTAINED ON EACH SIDE ADJOINING THE RESIDENCE DISTRICT. IN THE CASE OF SENIOR CITIZEN FACILITIES OTHER THAN SENIOR DAY-CARE OR NURSING HOMES, MINIMUM SIDE YARD SETBACKS OF 15 FEET SHALL BE MAINTAINED IN ALL CASES.	NO CHANGE OF EXISTING USE AND FLOOR AREA THEREFORE, NO CHANGE OF EXISTING TOTAL PARKING SPACE
REAR YARD §70-134	THERE SHALL BE A REAR YARD, THE DEPTH OF WHICH SHALL BE NOT LESS THAN 20'-0".	NO CHANGE OF EXISTING USE AND FLOOR AREA THEREFORE, NO CHANGE OF EXISTING TOTAL PARKING SPACE

SECTION 1106 ACCESSIBLE PARKING SPACES

TOTAL PARKING SPACES PROVIDED In Parking Facilities	REQUIRED MINIMUM NUMBER OF Accessible spaces
1 TO 25	1
26 TO 50	2
51 TO 75	3
76 TO 100	4
101 TO 150	5
151 TO 200	6
201 TO 300	7
301 TO 400	8
401 TO 500	9
501 TO 1000	2% OF TOTAL
1001 AND OVER	20, PLUS ONE FOR EACH 100, OR FRACTION THEREOF, OVER 1,000

§ 70-103 PARKING DISTRICT REGULATIONS					
USE		ALLOWED/REQUIREMENT	EXISTING/PROPOSED OCCUPANCY LOAD	REQUIRED PARKING SPACE	PROVIDED PARKING SPACE
TAKE-OU RESTAUF		1 PARKING SPACE FOR EACH 80 SQFT OF FLOOR AREA	EXISTING FLOOR AREA: 1627.44 SQFT	1627.44/80 = 20.343 ≈ 20	NO CHANGE OF USE & AREA OF EXISTING SPACE AND NO INCREASE OF OCCUPANCY LOAD. THEREFORE, NO CHANGE OF EXISTING TOTAL PARKING SPACE. (OCCUPANCY LOAD FROM PREVIOUS PLAN IS UPLOADED TO ONLINE PORTAL)



ADA ANSI AND NYC LOCAL LAW PROVISIONS

SANITARY FACILITIES

- 1. WHERE SEPARATE FACILITIES ARE PROVIDE DFOR NON-DISABLED PERSONS OF EACH SEX, SEPARATE FACILITIES SHALL BE PROVIDED OR DISABLED PERSONS OF EACH SEX ALSO. WHERE UNISEX FACILITIES ARE PROVIDED FOR NON-DISABLED PERSONS, SUCH UNISEX FACILITIES SHALL BE PROVIDED FOR THE DISABLED.
- 2. WHERE SANITARY FACILITIES ARE LOCATED ON ACCESSIBLE FLOORS OF A BUILDING, THEY SHALL BE MADE ACCESSIBLE TO THE PHYSICALLY DISABLED.
- PASSAGEWAYS LEADING TO SANITARY FACILITIES SHALL HAVE A CLEAR ACCESS WIDTH AS SPECIFIED IN CHAPTER 10 OF ADA GUIDELINES. ALL DOORWAYS LEADING TO SUCH SANITARY FACILITIES SHALL HAVE: A) A CLEAR UNOBSTRUCTED OPENING WIDTH OF 32 INCHES.
- B) A LEVEL AND CLEAR AREA FOR A MINIMUM DEPTH OF 60 INCHES IN THE DIRECTION OF THE DOOR SWING AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION, AND 48 INCHES WHERE THE DOOR SWINGS AWAY FROM THE LEVEL AND CLEAR AREA.
- 4. SINGLE ACCOMMODATION TOILET FACILITIES SHALL HAVE THE FOLLOWING: THERE SHALL BE SUFFICIENT SPACE IN THE TOILET ROOM FOR A WHEELCHAIR MEASURING 30 INCHES WIDE BY 48 INCHES LONG TO ENTER THE ROOM AND PERMIT THE DOOR TO CLOSE. THE WATER CLOSET SHALL BE LOCATED WITH A MINIMUM CLEAR SPACE OF 28 INCHES FROM A FIXTURE OR 32 INCHES FROM A WALL AT ONE SIDE OF THE WATER CLOSET AND A MINIMUM OF 48 INCHES IN FRONT OF THE WATER CLOSET.
- 5. GRAB BARS LOCATED ON EACH SIDE, OR ONE SIDE AND THE BACK OF THE PHYSICALLY DISABLED TOILET STALL OR COMPARTMENT, SHALL BE SECURELY ATTACHED 33 INCHES (36 INCHES FOR TANK-TYPE TOILETS) ABOVE AND PARALLEL TO THE FLOOR. GRAB BARS AT THE SIDE SHALL BE LOCATED 15 TO 16-1/2 INCHES FROM THE CENTER LINE OF THE WATER CLOSET STOOL AND SHALL BE AT LEAST 42 INCHES LONG WITH THE FRONT END POSITIONED 24 INCHES IN THE FRONT OF THE WATER CLOSET STOOL. GRAB BARS AT THE BACK SHALL BE NOT LESS THAN 36 INCHES LONG. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1-1/4 TO 1-1/2 INCHES OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEN THE WALL AND THE GRAB BARS SHALL BE 1-1/2 INCHES.
- 6. A CLEAR FLOOR SPACE 30 INCHES BY 48 INCHES SHALL BE PROVIDE DIN FRONT OF A LAVATORY TO ALLOW A FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND INTO KNEE AND TOE SPACE UNDERNEATH THE LAVATORY.
- 7. A CLEAR FLOOR SPACE 30 BY 48 INCHES SHALL BE PROVIDED IN FRONT OF AN URINAL TO ALLOW A FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE.

TELEPHONES

GENERAL: IF PUBLIC TELEPHONES ARE PROVIDED. THEY SHALL COMPLY WITH

- THE FOLLOWING: 1. A CLEAR FLOOR OR GROUND SPACE AT LEAST 30 INCHES BY 48 INCHES THAT ALLOWS EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT TELEPHONES.
- 2. THE MINIMUM CLEAR FLOOR GROUND SPACE REQUIRED TO ACCOMMODATE A SINGLE STATIONARY WHEELCHAIR AND OCCUPANT IS 30 INCHES BY 48 INCHES. THE MINIMUM CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE POSITIONED FOR FORWARD OR PARALLEL APPROACH TO AN OBJECT. CLEAR FLOOR OR GROUND SPACE FOR WHEELCHAIRS MAY BE PART OF THE KNEE SPACE REQUIRED UNDER SOME OBJECTS.
- 3. ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE FOR A WHEELCHAIR SHALL ADJOIN ANOTHER WHEELCHAIR CLEAR FLOOR SPACE. IF A CLEAR FLOOR SPACE IS LOCATED IN AN ALCOVE OR OTHERWISE CONFINED ON ALL OR PART OF THREE SIDES, ADDITIONAL MANEUVERING CLEARANCES SHALL BE PROVIDED.
- 4. FLOOR SURFACES OF WHEELCHAIR SPACES SHALL BE SLIP-RESISTANT. BASES, ENCLOSURES, AND FIXED SEATS SHALL NOT IMPEDE APPROACHES TO TELEPHONES BY PEOPLE WHO USE WHEELCHAIRS. 5. THE HIGHEST OPERABLE PART OF THE TELEPHONE SHALL BE WITHIN REACH RANGE. TELEPHONES
- MOUNTED DIAGONALLY IN A CORNER THAT REQUIRE WHEELCHAIR USERS TO HAVE REACH DIAGONALLY SHALL HAVE THE HIGHEST OPERABLE PART NO HIGHER THAN 54 INCHES ABOVE THE FLOOR.

DOORS AND HARDWARE:

- 1. ALL PREIMARY ENTRANCES TO BUILDINGS ARE EXISTING, AND SHALL REMAIN.
- EXIT DOORS SHALL BE OPERABLE FROM INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE. HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30 INCHES AND 44 INCHES ABOVE TEH FLOOR. LATCHING AND LOCKING DOORS THAT ARE HAND-ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL, SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER-TYPE HARDWARE, BY PANIC BARS, PUSH-PILL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION.
- 3. EVERY REQUIRED EXIT DOORWAY SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3 FEET IN WIDTH AND NOT LESS THAN 4 FEET 8 INCHES IN HEIGHT. WHEN INSTALLED IN EXIT DOORWAYS, EXIT DOORS SHALL BE CAPABLE OF OPENING AT EAST 90 DEGREES AND SHALL BE SO MOUNTED THAT THE CLEAR WIDTH OF THE EXIT WAY IS NOT LESS THAN 32 INCHES.
- 4. FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREE FROM ITS CLOSED POSITION. AT LEAST ONE OF A PAIR OF DOORS SHALL MEET THIS OPENING WIDTH REQUIREMENT.
- THRESHOLDS SHALL NOT EXCEED ¹/₄ INCH IN HEIGHT.
- 6. THE FLOOR OR LANDING ON EACH SIDE OF AN EXIT DOOR SHALL BE LEVEL. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60 INCHES AND A LENGTH OPPOSITE THE DIRECTION OF THE DOOR SWING OF 44 INCHES AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION DIMENSION PLAN.
- 7. THE WDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24 INCHES PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18 INCHES PAST THE STRIKE EDGE FOR INTERIOR DOORS
- 8. THE SPACE BETWEEN TWO CONSECUTIVE DOOR OPENINGS IN A VESTIBULE SERVING OTHER THAN A REQUIRED EXIT STAIRWAY, SHALL PROVIDE A MINIMUM OF 48 INCHES OF CLEAR SPACE FROM ANY DOOR OPENING INTO SUCH VESTIBULE WHEN THE DOOR IS POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. DOORS IN A SERIES SHALL SWING EITHER IN THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN THE DOORS.
- 9. MAXIMUM EFFORT TO OPERATE DOOR SHALL NOT EXCEED 8.5 LBS FOR EXTERIOR DOORS AND 5 LBS FOR INTERIOR DOORS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS AY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO NOT EXCEED 15 LBS.

WATER CLOSETS:

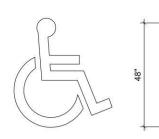
1. THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17 INCHES AND A MAXIMUM OF 19 INCHES MEASURED TO THE TOP OF THE TOILET SEAT. CONTROLS SHALL BE OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS, NO MORE THAN 44 INCHE ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS FORCE.

URINALS

- 1. URINALS SHALL BE STALL-TYPE OR WALL-HUNG WITH AN ELONGATED RIM AT A MAXIMUM OF 17 INCHES ABOVE THE FLOOR.
- 2. FLUSH CONTROL SHALL BE HAND OPERATED OR AUTOMATIC, AND SHALL BE MOUNTED NO MORE THAN 44 INCHES ABOVE THE FLOOR.

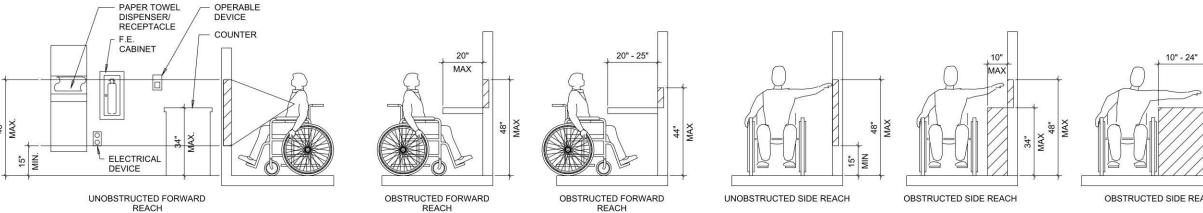
LAVATORIES

- 1. LAVATORIES ADJACENT TO A WALL SHALL BE MOUNTED WITH A MINIMUM DISTANCE OF 18 INCHES TO THE CENTER LINE OF THE FIXTURE. ALL ACCESSIBLE LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34 INCHES ABOVE THE FINISHED FLOOR AND WITH A CLEARANCE OF AT LEAST 29 INCHES FROM THE FLOOR TO THE BOTTOM OF THE APRON WITH KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30 INCHES IN WIDTH WITH 8 INCHES MINIMUM DEPTH AT THE TOP. TOE CLEARANCE SHALL BE THE SAME WIDTH AND SHALL BE A MINIMUM OF 17 INCHES DEEP FROM THE FRONT OF THE LAVATORY AND A MINIMUM 9 INCHES HIGH FROM THE FLOOR.
- HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
- FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRISTS. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. LEVER-OPERATED, PUSH-TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
- 4. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM OF THE REELECTING SURFACE NO HIGHER THAN 40 INCHES ABOVE THE FLOOR.



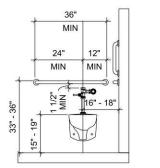


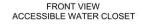








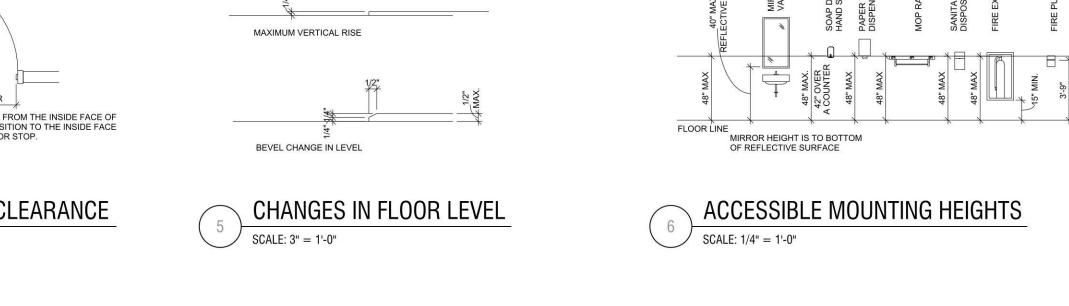




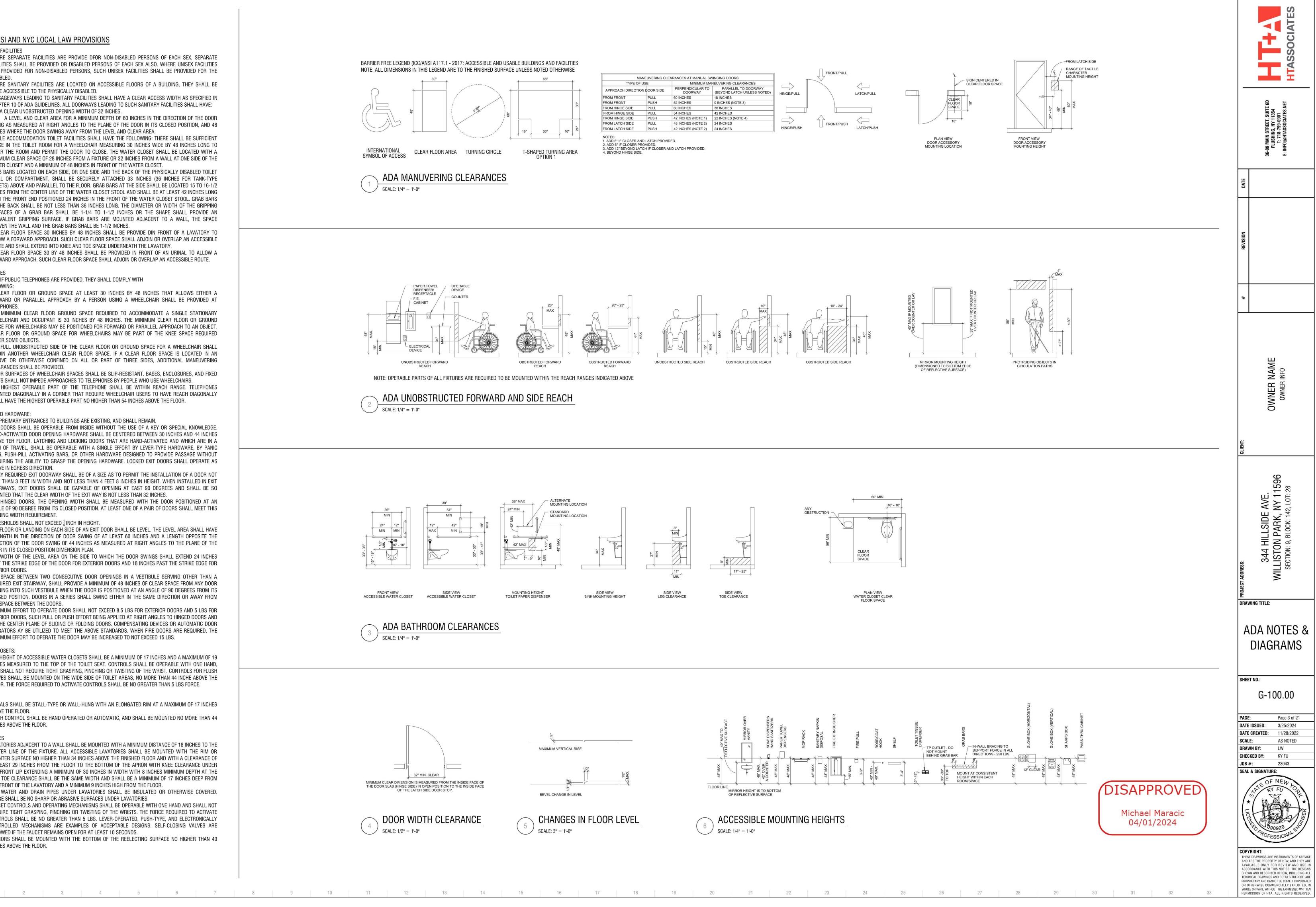






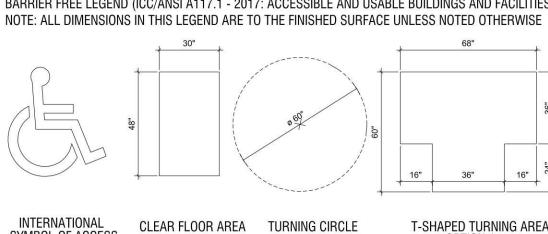


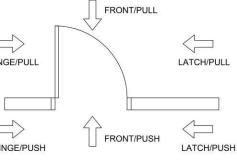
ADA BATHROOM CLEARANCES



ADA UNOBSTRUCTED FORWARD AND SIDE REACH

ADA MANUVERING CLEARANCES





ADA NOTES

THE GENERAL CONTRACTOR SHALL ACQUAINT HIMSELF WITH THE HANDICAPPED REQUIREMENTS FOR THE APPLICABLE STATES AND THE AMERICAN DISABILITIES ACT (ADA) AND SHALL INSURE THAT THIS FACILITY WILL BE ACCESSIBLE. ACCORDING TO THE STRICTER REQUIREMENTS OF THE APPLICABLE STANDARDS. THE FOLLOWING IS A PARTIAL LIST OF REQUIREMENTS.

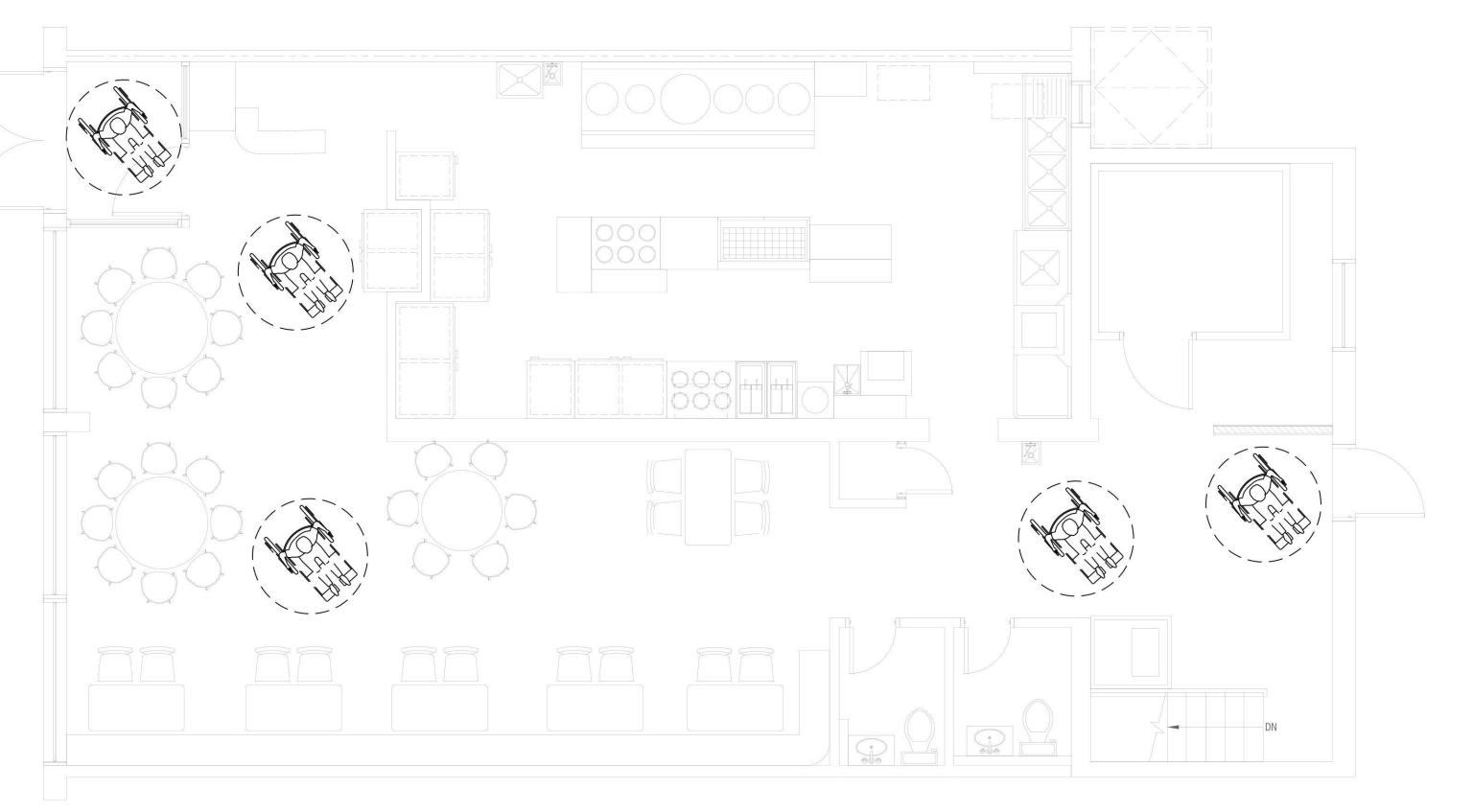
- DOOR HARDWARE SHALL BE MOUNTED BETWEEN 36" AND 42" ABOVE FLOOR AND BE LEVER TYPE.
- TOILETS
 A. LAVATORY TO HAVE LEVER HANDLES, SPRING FAUCETS OR SELF METERING FAUCETS.
 B. A COAT HOOK 48" ABOVE THE FLOOR SHALL BE MOUNTED ON THE BACK SIDE OF THE

D. TOILET PAPER DISPENSERS MOUNTED 19" MIN. TO CENTER LINE ABOVE THE FLOOR.

HANDICAPPED STALL DOOR. LOCATE THE WATER CLOSET 18" FROM THE CENTER LINE OF THE FIXTURE TO THE WALL THE SEAT WILL BE 17" TO 19" ABOVE THE FLOOR TO THE TOP OF SEAT.
C. PROVIDE ONE 42" AND ONE 36" LONG x 1 1/2" OUTSIDE DIAMETER PEENED GRAB BARS, 1 1/2" FROM THE WALL WITH ONE BEHIND AT 6" FROM THE WALL AND ONE ADJACENT TO AT 12" FROM THE WALL 33"-36" PARALLEL TO AND ABOVE THE FLOOR. LAVATORY TO BE MOUNTED 32" ABOVE THE FINISHED FLOOR TO RIM WITH KNEE SPACE OF 30" IN WIDTH AND 27" IN CLEAR HEIGHT. INSTALL MIRROR 36" ABOVE THE FINISHED FLOOR (TO BOTTOM) AND 72" TO TOP.

SHEET NOTES

 GC SHALL BE RESPONSIBLE FOR ACQUIRING AND INSTALLING NEW TACTILE EXIT SIGNS.
 A TACTILE SIGN STATING EXIT AND COMPLYING WITH CHAPTER 11 OF THE BCNYS SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN AREA OF REFUGE, AN EXTERIOR AREA FOR ASSISTED RESCUE, AN EXIT STAIRWAY, AN EXIT RAMP, AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE.



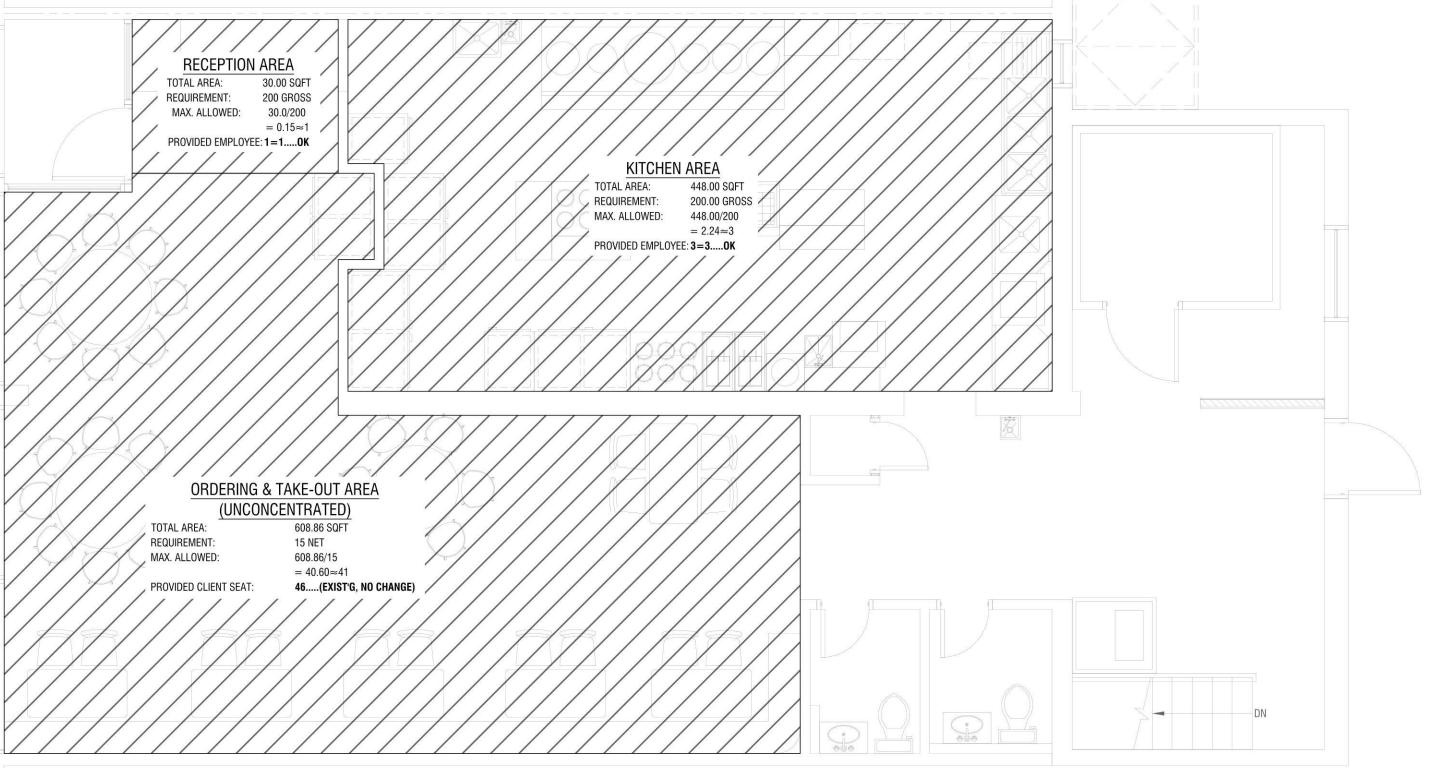
HANDICAP ACCESSBILITY PLAN

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HTASSOCIATES				
	36-09 MAIN STREET, SUITE 6D Flushing, NY 11354 T: 718-799-0901 E: Info@HTASSOCIATES.NET			
DATE				
REVISION				
#				
CLIENT:	OWNER NAME OWNER INFO			
PROJECT ADDRESS:	344 HILLSIDE AVE. WILLISTON PARK, NY 11596 SECTION: 9, BLOCK: 142, LOT: 28			
HANDICAP ACCESSIBILITY PLAN				
sheet no.: G-200.00				
1.201.000.00	Page 4 of 21 ISSUED: 3/25/2024 CREATED: 11/28/2022			
SCALE:AS NOTEDDRAWN BY:LWCHECKED BY:KY FU				
JOB #: 23043 SEAL & SIGNATURE:				
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OCCUPANCY LOAD CALCULATIONS - 2022 BUILDING CODE OF NEW YORK CITY - TABLE 1004.5 (OCCUPANT LOAD CALCULATIONS ARE ROUNDED UP)						
ROOM/SPACE	AREA (NET OR GROSS)	FUNCTION OF SPACE	OCCUPANT LOAD	ALLOWABLE	PROPOSED/EXISTING	
DINING AREA	237.76 (NET)	UNCONCENTRATED SEATING AREA (TABLES AND CHAIRS)	1 OCCUPANT PER 15 SQ FT (NET)	41	46(EXISTING)	
					46 TOTAL SEATS	
RECEPTION AREA	143.20 (GROSS)	RECEPTION	1 OCCUPANT PER 200 SQ FT (GROSS)	1	1	
KITCHEN	323.55 SQ FT (GROSS)	KITCHEN (COMMERCIAL)	1 OCCUPANT PER 200 SQ FT (GROSS)	3	3	
		45 ALLOWED	49 TOTAL OCCUPANTS			



OCCUPANCY PLAN SCALE: 1/4" = 1'-0"

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HTASSOCIATES					
	36-09 MAIN STREET, SUITE 6D Flushing, ny 11354 T: 718-799-0901 E: Info@HTASSOCIATES.NET				
DATE					
REVISION					
#					
CLIENT:	OWNER NAME OWNER INFO				
PROJECT ADDRESS: ROJECT ADDRESS: 344 HILLSIDE AVE. 344 HILLSIDE AVE. 344 HILLSIDE AVE. MILLISTON PARK, NY 11596 SECTION: 9, BLOCK: 142, LOT: 28 SECTION: 9, BLOCK: 142, LOT: 28 345 SECTION: 9, BLOCK: 145, LOT: 28 345 SECTION:					
SHEET NO.: G-201.00 PAGE: Page 5 of 21 DATE ISSUED: 3/25/2024					
DATE CREATED: 11/28/2022 SCALE: AS NOTED DRAWN BY: LW					
CHECKED BY: KY FU JOB #: 23043 SEAL & SIGNATURE: OF NEW OF SET OF					
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LEGEND

 BALL
 3 HEADS EMERGENCY LIGHTING

____ _ _ _ _ _ _ _ _ _ _ <u>TENANT LINE</u>

— - — - — - <u>EGRESS ROUTE</u>

MEAN OF EGRESS NOTE:

- BUILDINGS OR PORTIONS THEREOF SHALL BE PROVIDED WITH A MEANS OF EGRESS SYSTEM AS REQUIRED BY CHAPTER 10 OF 2022 NYCBC. IT SHALL BE UNLAWFUL TO ALTER A BUILDING OR STRUCTURE IN A MANNER THAT WILL REDUCE THE NUMBER OF EXITS OR THE MINIMUM WIDTH OR REQUIRED CAPACITY OF THE MEANS OF EGRESS TO LESS THAN REQUIRED BY THIS CODE.
 MEANS OF EGRESS SHALL BE MAINTAINED IN ACCORDANCE WITH THE FIRE CODE OF NEW YORK STATE. FIRE SAFETY AND EVACUATION PLANS SHALL BE PROVIDED FOR ALL OCCUPANCIES AND BUILDINGS WHERE REQUIRED BY THE FIRE CODE OF NEW YORK STATE. SUCH FIRE SAFETY AND EVACUATION PLANS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF SECTIONS 401.2 AND 404 OF THE FIRE CODE OF NEW YORK CITY.
 THE PATH OF EGRESS TRAVEL ALONG A MEANS OF EGRESS SHALL NOT BE INTERRUPTED BY A
- THE FAIL OF LEASS THAVE ALONG A MEANS OF EGRESS STALE NOT DE INTERNOT TED DT A BUILDING ELEMENT OTHER THAN A MEANS OF EGRESS COMPONENT AS SPECIFIED IN CHAPTER 10 OF 2022 NYCBC.
 OBSTRUCTIONS SHALL NOT BE PLACED IN THE MINIMUM WIDTH OR REQUIRED CAPACITY OF A MEANS OF EGRESS COMPONENT EXCEPT PROJECTIONS PERMITTED BY CHAPTER 10 OF 2022 NYCBC.
- 5. THE MINIMUM WIDTH OR REQUIRED CAPACITY OF A MEANS OF EGRESS SYSTEM SHALL NOT BE DIMINISHED ALONG THE PATH OF EGRESS TRAVEL.

EXIT SIGN NOTES

- EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL.
 THE PATH OF EGRESS TRAVEL TO EXITS AND WITHIN EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL IN CASES WHERE THE EXIT OR
- THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS. INTERVENING MEANS OF EGRESS DOORS WITHIN EXITS SHALL BE MARKED BY EXIT SIGNS. EXIT SIGN PLACEMENT SHALL BE SUCH THAT ANY POINT IN AN EXIT ACCESS CORRIDOR OR EXIT
- PASSAGEWAY IS WITHIN 100 FEET OR THE LISTED VIEWING DISTANCE OF THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.

EXIT ACCESS TRAVEL DISTANCE

- 1. TRAVEL DISTANCE WITHIN THE EXIT ACCESS PORTION OF THE MEANS OF EGRESS SYSTEM SHALL BE IN ACCORDANCE WITH TABLE 1017.2 OF 2022 BCNYS.
- EXIT ACCESS TRAVEL DISTANCE SHALL BE MEASURED FROM THE MOST REMOTE POINT OF EACH ROOM, AREA OR SPACE ALONG THE NATURAL AND UNOBSTRUCTED PATH OF HORIZONTAL AND VERTICAL EGRESS TRAVEL TO THE ENTRANCE TO AN EXIT.
 EXCEPTION: IN OPEN PARKING GARAGES, EXIT ACCESS TRAVEL DISTANCE IS PERMITTED TO BE
- MEASURED TO THE CLOSEST RISER OF AN EXIT ACCESS STAIRWAY OR THE CLOSEST SLOPE OF AN EXIT ACCESS RAMP.

-	TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE				
1	OCCUPANCY	WITHOUT SPRINKLER SYSTEM (FEET)	WITH SPRINKLER SYSTEM (FEET)		
	А	029.7			
-	E, F-1, M, R, S-1	150.0	200.0		
	В	200.0	300.0		
	F-2, S-2, U	200.0	250.0		
	H-1	NOT PERMITTED	75.0		
-	H-2	NOT PERMITTED	100.0		
	H-3	NOT PERMITTED	150.0		
	H-4	NOT PERMITTED	175.0		
	H-5	NOT PERMITTED	200.0		
-	I-1, I-2, I-3, I-4	NOT PERMITTED	200.0		

TRAVEL DISTANCE

MAX. TRAVEL DISTANCE FOR OCCUPANCY GROUP B : 300'-0" (WITH SPK. SYSTEM)

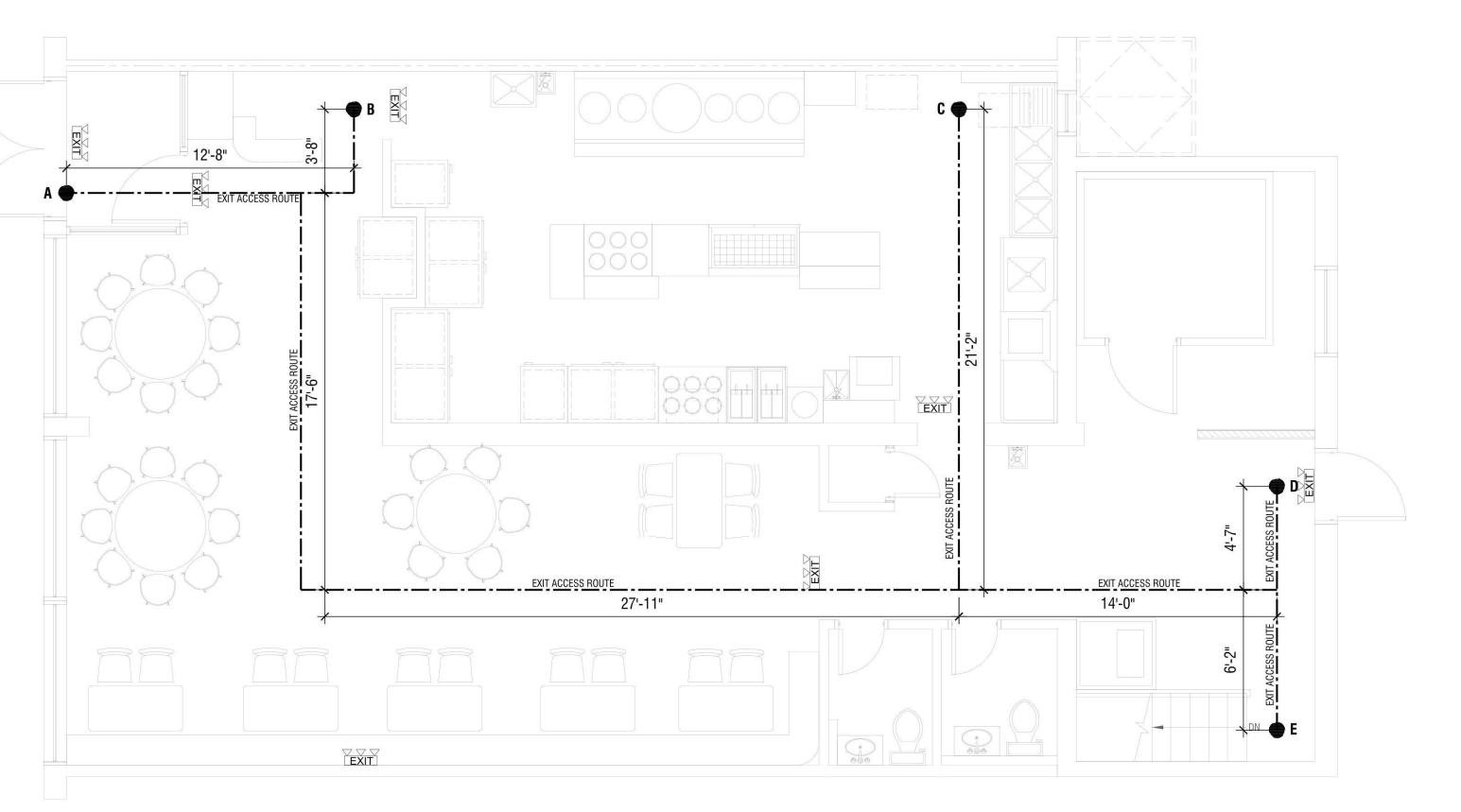
	JUU-U (VVIIII JEK. STOTEIVI)
	200'-0" (WITHOUT SPK. SYSTEM)
EXIT ACCESS ROUTE A-D:	75'-5"OK
EXIT ACCESS ROUTE A-E:	77'-0"OK
EXIT ACCESS ROUTE C-A:	78'-0"OK
EXIT ACCESS ROUTE C-D:	39'-9"OK
EXIT ACCESS ROUTE B-D:	71'-1"OK

EXIT

WHERE TWO EXITS OR EXIT ACCESS DOORWAYS ARE REQUIRED FROM ANY PORTION OF THE EXIT ACCESS, THE EXIT DOORS OR EXIT ACCESS DOORWAYS SHALL BE PLACED A DISTANCE APART EQUAL TO NOT LESS THAN ONE-HALF OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE BUILDING OR AREA TO BE SERVED MEASURED IN A STRAIGHT LINE BETWEEN EXIT DOORS OR EXIT ACCESS DOORWAYS.

MAX. DIAGONAL DIM: MIN. DISTANCE BETWEEN EGRESS: TOTAL EXITS: DISTANCE EXIST'G BETWEEN EXITS:

47.50' 47.50'/2=23.75' 2(EXIST'G) 23.83">23.75' THEREFORE, TOTAL EFFICACIOUS EGRESS EXIT:**2**



EXIT TRAVEL PLAN

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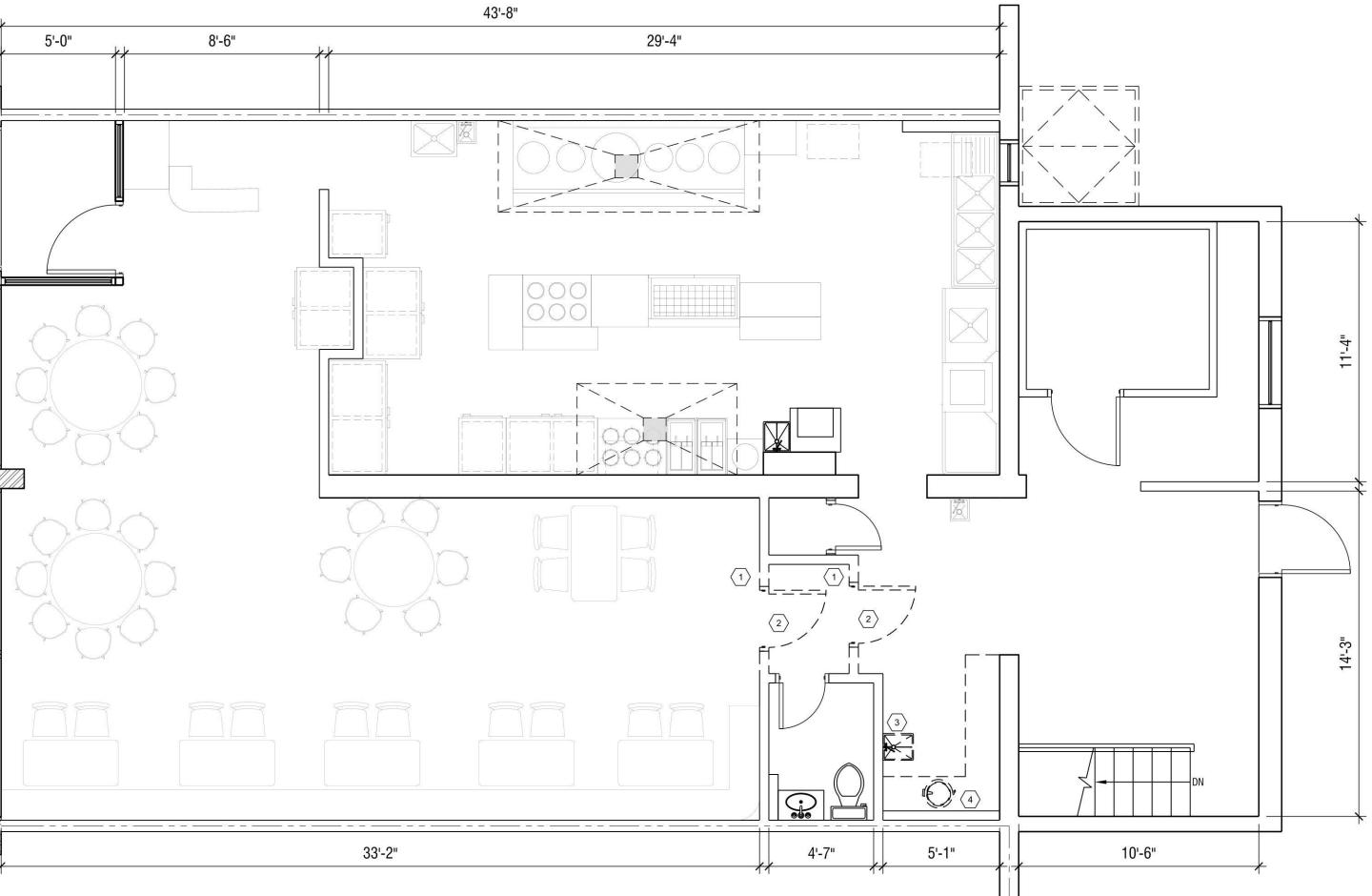
	HTASSOCIATES				
	36-09 MAIN STREET, SUITE 6D FLUSHING, NY 11354 T: 718-799-0901 E: INFO@HTASSOCIATES.NET				
DATE					
REVISION					
#					
CLIENT:	OWNER NAME OWNER INFO				
PROJECT ADDRESS:	344 HILLSIDE AVE. WILLISTON PARK, NY 11596 SECTION: 9, BLOCK: 142, LOT: 28				
E	EMERGENCY ESCAPE PLAN				
SHEET NO.: G-202.00					
DATE SCAL DRAV CHEC JOB	ISSUED: 3/25/2024 CREATED: 11/28/2022 E: AS NOTED NN BY: LW CKED BY: KY FU #: 23043				
SEAL & SIGNATURE:					
COPYRIGHT: THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF HTA; AND THEY ARE AVAILABLE ONLY FOR REVIEW AND USE IN ACCORDANCE WITH THIS NOTICE. THE DESIGNS SHOWN AND DESCRIBED HEREIN, INCLUDING ALL TECHNICAL DRAWINGS AND DETAILS THEREOF, ARE PROPRIETARY AND CANNOT BE COPIED, DUPLICATED OR OTHERWISE COMMERCIALLY EXPLOITED, IN WHOLE OR PART, WITHOUT THE EXPRESSED WRITTEN PERMISSION OF HTA. ALL RIGHTS RESERVED.					



DE	EMOLITION LEGEND
С	EXIST'G WALL/PARTITION TO REMAIN
	EXIST'G WALL/PARTITION TO BE REMOVED
	EXIST'G WOOD BEAM TO REMAIN
DE	EMOLITION SYMBOL
8	1 INTERIOR PARTITIONS TO BE REMOVED
3	2 DOOR TO BE REMOVED
3	3 PLUMBING FIXTURES TO BE
	CAPPED & REMOVED ELEC. FIXTURE BE REMOVED
25-101	
DE	EMOLITION NOTES
1.	CONTRACTOR SHALL DEMOLISH AND DISPOSE OF DEBRIS AS REQUIRED FOR THE NEW CONSTRUCTION INDICATED ON THE CONSTRUCTION DRAWINGS INCLUDING EXISTING PARTITIONS, DOOR AND BUCK ASSEMBLIES, CEILINGS, TIES, BLACK IRON, SOFFITS, LIGHT BOXES, LIGHT FIXTURES, AIR CONDITIONING CONTROLS AND DUCT WORK (SPECIFICALLY CALLED FOR AS BEING REMOVED), PLUMBING ROUGHING,
	WALL AND FLOOR ELECTRICAL, TELEPHONE AND SIGNAL OUTLETS AND ASSOCIATED CONDUIT; CONDUITS LEFT AFTER CEILING AND WALL DEMOLITION INCLUDING SWITCH BOXES, PLATES, BRIDGES AND ANY OTHER TELEPHONE AND ELECTRICAL WIRING, RESILIENT FLOORING AND BASE, CARPET AND UNDER LAYMENT, AND ANY WORK SHOWN OR IMPLIED IN PROJECT DOCUMENTS. THOSE NOT BEING
	REUSED IN NEW CONSTRUCTION, AND ARE SALVAGEABLE, SHALL BE TURNED OVER TO OWNER UPON REQUEST. ALL ITEMS NOT BEING REUSED OR RETURNED TO OWNER AND ALL REBURBISH AND DEBRIS
2.	SHALL BE CARTED AWAY. EXISTING WORK TO BE RETAINED SHALL BE ALTERED OR REWORKED AS SHOWN OR IMPLIED IN PROJECT DOCUMENTS.
3.	DURING THE ENTIRE PERIOD OF DEMOLITION AND CONSTRUCTION ALL EXISTING EXITS, EXIT LIGHTING TO REMAIN, FIRE PROTECTION DEVICES AND FIRE ALARMS SHALL MAINTAINED. DO NOT CLOSE OR
	OBSTRUCT WALKWAYS, PASSAGEWAYS OR STAIRWAYS. DO NOT STORE OR PLACE MATERIALS IN PASSAGEWAYS, STAIRS OR WITHIN OTHER MEANS OF EGRESS. CONDUCT OPERATIONS WITH MINIMUM TRAFFIC INTERFERENCE.
4.	CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL FACILITIES FOR TEMPORARY LIGHT AND POWER WITHIN THE CONSTRUCTION AREA DURING THE ENTIRE BUILDING PERIOD; NECESSARY MATERIALS AND LABOR TO MAKE POWER CONNECTIONS FOR MACHINE, PORTABLE TOOLS, ETC. USED BY OTHER
	TRADES REGARDLESS OF SIZE; AND ALL LABOR NEEDED TO KEEP THIS TEMPORARY SYSTEM ENERGIZED DURING THE ENTIRE STANDARD WORKING TIME OF ALL TRADE. POWER SHALL BE OBTAINE
	FROM THE BUILDING DISTRIBUTION SYSTEM. ALL MATERIALS AND EQUIPMENT OF THE TEMPORARY SYSTEM SHALL BE REMOVED PROGRESSIVELY AS NO LONGER NEEDED. NO OUTAGES OF EXISTING LIGHTING OR POWER CIRCUITS SHALL BE PERMITTED WITHOUT OWNER'S PRIOR CONSENT.
5.	ALL DEMOLITION AND CUTTING WORK SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE BUILDING, AND ANY WORK REQUIRED DURING OTHER THAN NORMAL WORKING HOURS SHALL BE INCLUDED IN THE PROPOSAL.
6. 7.	INSTALL DUSTPROOF PARTITIONS AS PER GENERAL NOTES CONTRACTOR SHALL INCLUDE IN HIS WORK THE REMOVAL AND REINSTALLATION OF ANY LIGHT
	FIXTURES, CEILING TILES, GYPSUM BOARD AND/OR PLASTER CEILING, ETC. IN THE CEILING OF FLOOR BELOW AS REQUIRED FOR REMOVAL OF EXISTING AND INSTALLATION OF ANY PLUMBING, ELECTRICAL /TELEPHONE / SIGNAL WORK, ETC., AND ANY ASSOCIATED WORK INDICATED ON PROJECT DOCUMENTS
	IF NEW WORK CAN NOT BE INSTALLED DUE TO INTERFERENCE OF EXISTING WORK, EXISTING WORK SHALL BE RELOCATED. THIS WORK SHALL BE DONE DURING OTHER THAN NORMAL OFFICE HOURS IN OCCUPIED AREAS OR AS DIRECTED BY OWNER / LANDLORD, ANY CEILING TILE DAMAGED DURING THIS
	WORK SHALL BE REPLACED WITH NEW MATCHING CEILING TILE AND THE CEILING TILE PAINTED TO MATCH CONTIGUOUS AREA WITH NON-BRIDGING PAINT. GYPSUM BOARD AND / OR PLASTER CEILING
8.	SHALL BE PATCHED AS REQUIRED TO MATCH ADJACENT SURFACE AND PAINTED TO MATCH CONTIGUOUS AREA. CONTRACTOR SHALL REMOVE ALL ELECTRICAL AND TELEPHONE OUTLET SWITCHES, CONDUITS, ETC.
9.	PARTITIONS INDICATED FOR DEMOLITION. BEFORE STARTING ANY WORK RELATING TO EXISTING UTILITIES (ELECTRICAL, WASTE, WATER, HEAT, ETC.) THAT WILL TEMPORARY DISCONTINUE OR DISRUPT SERVICE TO THE EXISTING BUILDING, NOTIFY
	THE LANDLORD 72 HOURS IN ADVANCE AND OBTAIN THE APPROVAL IN WRITING BEFORE PROCEEDING WITH THIS PHASE OF THE WORK.
10.	CONTRACTOR SHALL ARRANGE AND PAY FOR THE DISCONNECTING, REMOVING AND CAPPING UTILITY SERVICES WITHIN AREA OF DEMOLITION. DISCONNECT AND CAP AT RISER. NOTIFY THE LANDLORD IN ADVANCE AND OBTAIN APPROVAL BEFORE STARTING THIS WORK.
11.	PLACE MARKERS IN INDICATED LOCATION OF DISCONNECTED SERVICES. IDENTIFY SERVICE LINES AND CAPPING LOCATIONS ON PROJECT RECORD DOCUMENTS.
12.	PROVIDE AND MAINTAIN TEMPORARY PROTECTION OF THE EXISTING STRUCTURE DESIGNATED TO REMAIN WHERE DEMOLITION, REMOVAL AND NEW WORK IS BEING DONE, CONNECTION MADE, MATERIALS HANDLED OR EQUIPMENT REMOVED.
13.	IF REMOVAL OR REROUTING OF ANY ITEMS PENETRATING EXISTING FIRE RATED PARTITIONS (PIPES, DUCTWORK, ETC.) IS REQUIRED, THE CONTRACTOR SHALL PATCH EXISTING PARTITION AS REQUIRED TO MAINTAIN EXISTING FIRE RATING.
	BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STRUCTURE OR CONTENT DUE TO INSUFFICIENCY OF PROTECTION PROVIDED.
15. 16.	PROVIDE ADEQUATE FIRE PROTECTION IN ACCORDANCE WITH LOCAL FIRE DEPARTMENT REQUIREMENTS. CONTRACTOR SHALL PROVIDE FLOOR CUT-OUT (CHOPPING OR CORE DRILLING) AND PATCHING
17.	REQUIRED FOR THE INSTALLATION OF ALL WORK. CONTRACTOR SHALL SURVEY ALL EXISTING FINISHED SURFACES INCLUDING CORNER BEADS, STOPS,
	ETC. FOR CHIPS, CRACKS, HOLES OR OTHER DEFECTS CAUSING AN APPEARANCE OTHER THAN A FIRST-CLASS FINISHED INSTALLATION. DEFECTIVE SURFACES SHALL BE REPAIRED, OR IF BEYOND REPAIR, THE CONTRACTOR SHALL REMOVE AND INSTALL NEW SURFACES.
18. 19.	ANY OTHER DAMAGED SURFACES SHALL BE REPAIRED TO THE SATISFACTION OF ARCHITECT / OWNER. CONTRACTOR SHALL INSPECT ALL EXISTING WALL, FLOOR SURFACE, ETC. AND WHERE SURFACES TO REMAIN DO NOT ALIGN AS A RESULT OF DEMOLITION, SHALL PATCH OR INSTALL FURRING TO PROVIDE
20.	FOR PERFECTLY SMOOTH, FLUSH, ALIGNED SURFACES. CONTRACTOR SHALL FLASH PATCH ALL FLOOR SURFACES TO RECEIVE FINISHED MATERIALS INDICATE
21.	IN PROJECT DOCUMENTS INCLUDING FLOOR MATERIALS BEING SUPPLIED AND INSTALLED BY OWNER'S CONTRACTORS. DEMOLISH IN AN ORDERLY AND CAREFUL MANNER AS REQUIRED TO ACCOMMODATED NEW WORK.
	AND PROTECT EXISTING SUPPORTING STRUCTURAL MEMBERS. UNLESS OTHERWISE INDICATED, THE INTENT IS THAT EXISTING TELEPHONE / SIGNAL AND ELECTRICAL
	OUTLETS SHALL BE RETAINED IN ALL "EXISTING PARTITIONS TO REMAIN". IF DEMOLITION RESULTS IN DEACTIVATION OF EXISTING CONTIGUOUS ELECTRICAL OUTLETS INSIDE OR OUTSIDE THE PROJECT AREA, THE CONTRACTOR SHALL RECIRCUIT THESE FOR REACTIVATION. UNLESS OTHERWISE NOTED,
23.	
24.	REMOVED, REWORKED AND/OR RELOCATED (TO ARCHITECT'S SATISFACTION) TO CONFORM. WITHIN THE PROJECT AREA ALL EXPOSED WIRING, METAL MOLDING, PIPING, PLUMBING FIXTURES, ROUGHING AND OTHER APPUTENANCES NOT SHOWN ON PROJECT DOCUMENTS TO REMAIN SHALL BE
25.	REMOVED AND CARTED AWAY BY THE GENERAL CONTRACTOR OR STORED AS DIRECTED. ALL EXISTING WALL COVERING, BASE PANELING, MOLDINGS, ETC. (EXCEPT WORK SPECIFICALLY CALLED FOR AS BEING RETAINED) AND LOOSE PAINT OR PLASTER SHALL BE REMOVED AND SPACKLED
26.	OR PLASTER PATCHED TO RECEIVE NEW WALL TREATMENT.
27.	PATCHED OR SPACKLED TO INSURE A PERFECTLY SMOOTH SURFACE. ARCHITECT / OWNER SHALL APPROVE SURFACE PRIOR TO THE APPLICATION OF FINISH WALL TREATMENT. THE CONTRACTOR SHALL DO ALL CUTTING, FITTING AND PATCHING OF HIS WORK THAT MAY BE
21.	REQUIRED TO MAKE SEVERAL PARTS FIT TOGETHER PROPERLY AND SHALL NOT ENDANGER ANY WORK BY CUTTING, EXCAVATING OR OTHERWISE ALTERING THE WORK.
28.	THE CONTRACTOR SHALL COORDINATE ALL CUTTING AND PATCHING FOR SERVICE AS CALLED FOR ON MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND SHALL PROVIDE AND INSTALL ALL WALL AND / OR CEILING ACCESS DOORS AS REQUIRED.
29. 30.	REPAIR ALL DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED AT NO COST TO THE OWNER. DO NOT INTERFERE WITH THE USE OF ADJACENT AREAS. MAINTAIN FREE AND SAFE PASSAGE TO AND
31.	FROM. CEASE OPERATIONS AND NOTIFY THE ARCHITECT / ENGINEER AND LANDLORD IMMEDIATELY, IF SAFETY OF STRUCTURE APPEARES TO BE ENDANGERED. TAKE PRECAUTIONS TO PROPERLY SUPPORT
32.	STRUCTURE. DO NOT RESUME OPERATION UNTIL SAFETY IS RESTORED. REMOVE DEMOLISHED MATERIALS, TOOLS AND EQUIOMENTS, ETC. FROM THE SITE UPON COMPLETION
	OF WORK. REMOVE HAZARDOUS MATERIALS AND DIPOSE OF BY SAFE MEANS SO AS NOT TO ENDANGE HEALTH OF WORKERS OR PUBLIC. COMPLY WITH ALL RULES AND REGULATIONS OF GOVERNMENT AUTHORITIES HAVING JURISDICTION OVER HAZARDOUS AND NON-HAZARDOUS DEMOLISHED
1 Marcan	MATERIALS. ELEVATOR SERVICE COSTS TO BE INCLUDED IN THE CONTRACT PRICE. LEAVE SITE IN A CONDITION ACCEPTED TO THE ARCHITECT / OWNER. AREA TO BE BROOM CLEAN.
33. 34.	MASONRY PARTITIONS.
J4.	CONSTRUCTION WORK SHOWN ON DRAWINGS SHALL BE PATCHED AS REQUIRED TO MATCH IMMEDIAT ADJACENT AREAS IN CONSTRUCTION, MATERIALS, FIRE RATING, FINISH AND COLOR, UNLESS
35.	OTHERWISE NOTED.

TELEPHONE OUTLET AND OTHER PROJECTING ITEMS BEING ABANDONED BEHIND FINISH SURFACES, PATCHING SURFACES TO MATCH ADJACENT AREAS.
36. AFTER DEMOLITION AND PRIOR TO ANY FABRICATION OR INSTALLATION, CONTRACTOR SHALL PROVIDE LEVEL (BENCH) MARKS ON ALL COLUMNS (OR ABOUT 25' APART), THESE MARKS SHALL BE ESTABLISHED OFF THE HIGHEST POINT OF FLOOR FINISH SURFACE AND SHALL BE USED BY ALL TRADES EOR THEIR INSTALLATION

FOR THEIR INSTALLATION. DURING DEMOLITION AND CONSTRUCTION, EXISTING FIRE AND SMOKE DETECTION SYSTEMS WITHIN PROJECT AREAS ARE TO BE REMAIN OPERATION. ō



DEMO. 1ST FL. PLAN SCALE: 1/4" = 1'-0"

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DEMOLITION PLAN & NOTES				
	DM-100.00			
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	LEGEND				
W		EX. EXTERIOR WALL			
		EX. FOUNDATION WALL			
V		EX. TENANT WALL			
U		EX.WALK-IN COOLER PANEL	(TO BE PROVIDE	BY MANUFACTORY)	
		EX. INTERIOR WALL - NON FI	RE RATED		
-	EX. INTERIOR WALL - 2HR FIRE RATED				
Т		EX. LOAD BEARING WALL			
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	<u>SYMBOL</u>				
R	\boxtimes	EXHAUST FAN	EXIT	EMERGENCY EXIT LIGHT	
	🖾 F.D.	FLOOR DRAIN		ELEC. PANEL	
Q	🔯 F.S.	FLOOR SINK	i⊠ H.D.	HUB DRAIN	

WATERPROOFING NOTES

- ALL TRADES WITH PENETRATIONS: SLEEVE ALL PENETRATIONS FOR PIPES, WIRES, CONDUITS, DUCTS THAT PASS THROUGH SLABS IN WALLS OR STAND ALONE, INCLUDING ELECTRIC ROOM TYPE RISERS, DUCT PENETRATIONS IN CHASES OR SHAFTS. PREVENT POTENTIAL LEAK DAMAGES HITTING OTHER SPACES, ADAPT FOR VERTICAL TURN-UP.
 PLUMBER: 4-BAND NO-HUB CLAMPS FOR ALL ABOVE AND BELOW SLAB WET PIPES, STORM LINES,
- WASTE PIPES.
 WET FLOORING SUBS (TILE AND/OR WATERPROOFING): MINIMUM OF PERIMETER WASTERPROOFING MEMBRANE, FLOOR TO WALL, 12" UP AND 12" ON FLOOR. USE FULL 100% MEMBRANE SYSTEM WHEN THERE IS A FLOOR DRAIN(S) PRESENT. TILE SUBS CANBE UTILIZED HERE FOR THIS SPECIFIC LEVEL OF WATERPROOFING. MEMBRANE GOES UP THE WALL TO TOP OF BASE ONLY (4" OR 6", ETC.). ALSO
- NOTE THAT TAPERED EDGE FLASHING SHOULD BE NO MORE THAN 1/2" TO ZERO @18" OUT FROM WALLS.
 ALL FULL WATERPROOFING MEMBRANE SYSTEMS REQUIRE A 100% FLOOD TEST, 4 HOUR MINIMUM. THIS SHOULD BE PHOTOGRAPHED AND WITNESSED BY THE LANDLORD, AND CLIENT WHENEVER POSSIBLE. CURING TIMES SHOULD BE SCHEDULED, COORDINATEWITH SPECIFIC LIQUID OR SHEET SYSTEM(S). MEMBRANE SKIN SHOULD BE VEHEMENTLY PROTECTED AS THE FLOORING IS BEING INSTALLED.
- 5. INCLUDE ALL IN-WALL & STAND ALONE SLEEVES WATERPROOFED (USUALLY LIQUID TYPE). REQUIRES A QUICK EARLY SITE MOBILIZATION TO HIT IN-WALL SLEEVES BEFORE CLOSE-IN.

FIRESTOPPING NOTES

 CONCEALED SPACES, (EXCEPT SHAFTS AND SPRINKLERED SPACES) WITHIN PARTITIONS, WALLS, FLOORS, ROOFS, STARIS, FURRING, PIPE SPACES ETC. THAT WOULD PERMIT THE PASSAGE OF FLAME, SMOKE, FUMES, OR HOT GASES FROM ONE FLOOR TO ANOTHER OR ROOF SPACE, OR FROM ONE CONCEALED AREA TO ANOTHER SHALL BE FIRESTOPPED TO FORM AN EFFECTIVE DRAFT BARRIER OR SHALL BE FILLED WITH NON-COMBUSTIBLE MATERIAL.
 EXTERIOR CORNERS AND EAVES SHALL BE FIRESTOPPED AT THE ENDS OF PARTY WALLS.

ADA NOTES

THE GENERAL CONTRACTOR SHALL ACQUAINT HIMSELF WITH THE HANDICAPPED REQUIREMENTS FOR THE APPLICABLE STATES AND THE AMERICAN DISABILITIES ACT (ADA) AND SHALL INSURE THAT THIS FACILITY WILL BE ACCESSIBLE. ACCORDING TO THE STRICTER REQUIREMENTS OF THE APPLICABLE STANDARDS.

- THE FOLLOWING IS A PARTIAL LIST OF REQUIREMENTS.
 DOOR HARDWARE SHALL BE MOUNTED BETWEEN 36" AND 42" ABOVE FLOOR AND BE LEVER TYPE.
 TOILETS
- A. LAVATORY TO HAVE LEVER HANDLES, SPRING FAUCETS OR SELF METERING FAUCETS.
 B. A COAT HOOK 48" ABOVE THE FLOOR SHALL BE MOUNTED ON THE BACK SIDE OF THE HANDICAPPED STALL DOOR. LOCATE THE WATER CLOSET 18" FROM THE CENTER LINE OF THE FIXTURE TO THE WALL THE SEAT WILL BE 17" TO 19" ABOVE THE FLOOR TO THE TOP OF SEAT.
- C. PROVIDE ONE 42" AND ONE 36" LONG x 1 1/2" OUTSIDE DIAMETER PEENED GRAB BARS, 1 1/2"
 FROM THE WALL WITH ONE BEHIND AT 6" FROM THE WALL AND ONE ADJACENT TO AT 12" FROM THE WALL 33"-36" PARALLEL TO AND ABOVE THE FLOOR. LAVATORY TO BE MOUNTED 32"
 ABOVE THE FINISHED FLOOR TO RIM WITH KNEE SPACE OF 30" IN WIDTH AND 27" IN CLEAR HEIGHT. INSTALL MIRROR 36" ABOVE THE FINISHED FLOOR (TO BOTTOM) AND 72" TO TOP.

PROPOSED PLAN ADDITIONAL NOTES

1. MOP SINK IS PROVIDED AS PER CODE. ALL MAINTENANCE EQUIPMENT WILL BE PROVIDE AND STORED IN PROPOSED OFFICE & EXIST'G CELLAR STORAGE AREA.

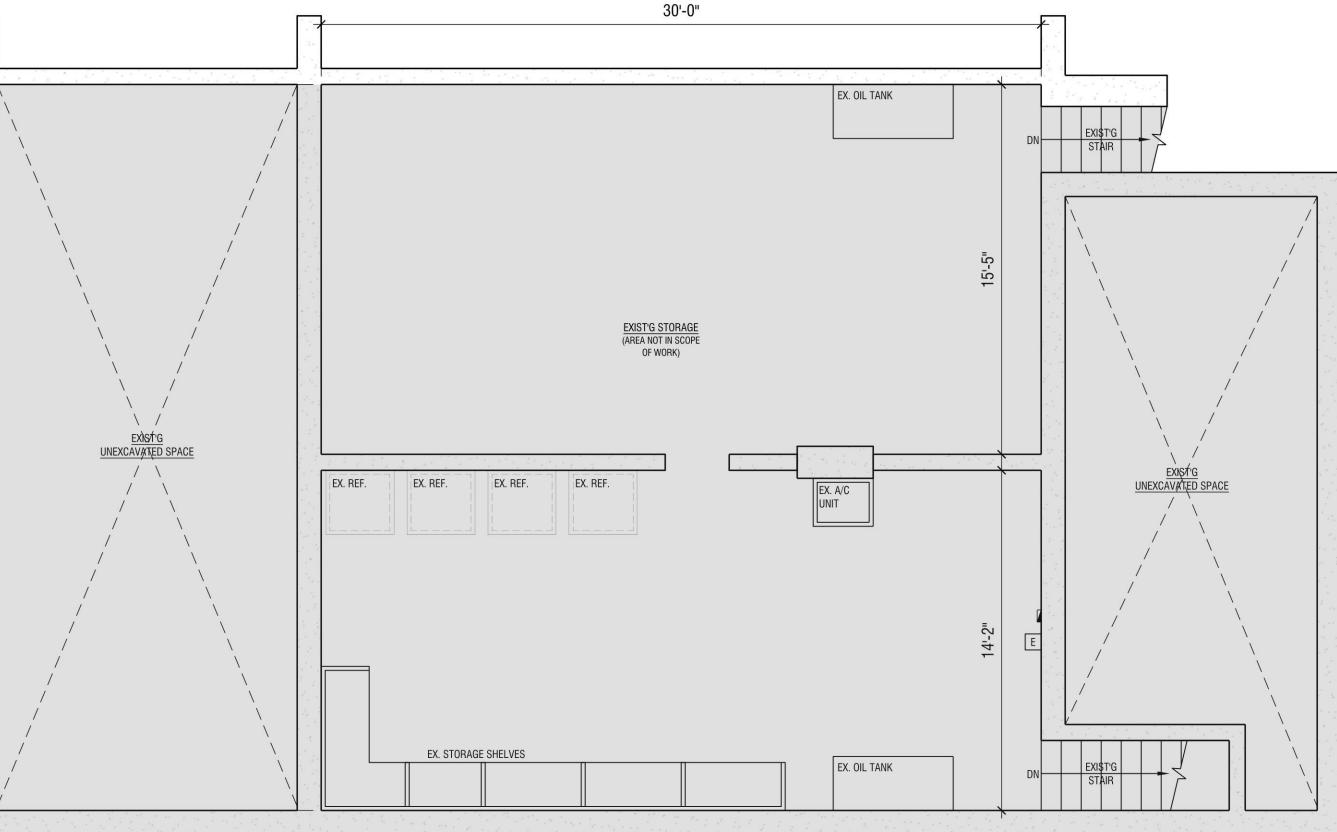
D. TOILET PAPER DISPENSERS MOUNTED 19" MIN. TO CENTER LINE ABOVE THE FLOOR.

- 2. RESTAURANT UTENSILS/SAN WILL BE PROVIDED FOR PREPARE/SERVE FOOD TO ELIMINATED BARE HAND CONTACT AND PREVENT CONTAMINATION.
- 3. BAYONET-STYLE FOOD PRODUCT THERMOMETER WILL PROVIDED TO MONITOR FOOD TEMPERATURES.
- ALL POTENTIALLY HAZARDOUS FOODS WILL BE PRESERVED IN REFRIGERATION UNITS THAT CONTAINED ACCURATE THERMOMETERS AND CAPABLE OF MAINTAINING PRODUCT TEMPERATURE AT OR BELOW 41°F.
- ALL OPENINGS IN CONSTRUCTION, BETWEEN EQUIPMENT AND BETWEEN EQUIPMENT FLOOR/WALL JUNCTURES ARE TO BE SEALED TO WITHIN 1/32 OF AN INCH. THE USE OF SEALANTS MUST BE LISTED AS APPROVED BY THE NATIONAL SANITATION FOUNDATION (NSF) UNDER STANDARD 51.
 AUTOMATIC CLOSING DEVICES WILL BE PROVIDED ON FOOD-PREP AREA DOORS AND RESTROOM DOORS.
- ALL LIGHTING FIXTURES SHOULD HAVE MIN.20'-0" ILLUMINATION RANGE INSIDE WALK-IN FREEZER/COOLER.
 EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING
- EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS. 9. COVE MOLDINGS WILL BE INSTALLED AT ALL FLOOR/WALL JUNCTURES. THE COVE MOLDING
- SHOULD PROVIDE AT LEAST ¼" INCH RADIUS AND BE AT LEAST 4" IN HEIGHT.
 10. LIGHT COVERS WILL BE PROVIDED IN ALL FOOD STORAGE, PREPARATION, SERVICE OR DISPLAY FACILITIES, AND FACILITIES WHERE UTENSILS AND EQUIPMENT ARE CLEANED AND STORED, ARE TO BE PROTECTED TO PREVENT BROKEN GLASS FROM FALLING INTO FOOD OR ONTO FOOD-CONTACT SURFACES.

SHEET NOTES

FIXTURES/FACETS TO BE ADA COMPLIANT

- 1. NEW HVAC ROOFTOP UNITS WILL BE PROPOSED. MODIFY DUCT WORK AS REQUIRED.
- EXISTING PLUMBING SHALL BE MODIFIED AS REQUIRED BY A LICENSED N.Y.S. PLUMBER.
 EXISTING ELECTRIC SHALL BE REMOVED AND REPLACED AS REQUIRED BY A LICENSED N.Y.S.
- ELECTRICIAN. 4. ALL PLUMBING, ELECTRICAL, & HVAC MODIFICATIONS TO BE FILED UNDER SEPARATE APPLICATION. 5. ALL DOOR HARDWARE AND THRESHOLDS TO BE ADA COMPLIANT. ALL RESTROOM PLUMBING
 - ED UNDER SEPARATE APPLICATION. NT. ALL RESTROOM PLUMBING



EXIST'G CELLAR PLAN

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Ŧ	EX. INTERIOR WALL - 2HR FIRE RATED					
Т		EX. LOAD BEARING WALL				
S	1 INTERIOR WALL (NON FIRE RATED) 3-5/8" (20 GA) METAL STUDS @ 16" 0.C. W/ (1) 5%" GYP. BD. ON BOTH SIDES					
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	🞯 F.D.	FLOOR DRAIN		ELEC. PANEL		
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- WASTE PIPES.
 WET FLOORING SUBS (TILE AND/OR WATERPROOFING): MINIMUM OF PERIMETER WASTERPROOFING MEMBRANE, FLOOR TO WALL, 12" UP AND 12" ON FLOOR. USE FULL 100% MEMBRANE SYSTEM WHEN THERE IS A FLOOR DRAIN(S) PRESENT. TILE SUBS CANBE UTILIZED HERE FOR THIS SPECIFIC LEVEL OF WATERPROOFING. MEMBRANE GOES UP THE WALL TO TOP OF BASE ONLY (4" OR 6", ETC.). ALSO NOTE THAT TAPERED EDGE FLASHING SHOULD BE NO MORE THAN 1/2" TO ZERO @18" OUT FROM
- WALLS.
 ALL FULL WATERPROOFING MEMBRANE SYSTEMS REQUIRE A 100% FLOOD TEST, 4 HOUR MINIMUM. THIS SHOULD BE PHOTOGRAPHED AND WITNESSED BY THE LANDLORD, AND CLIENT WHENEVER POSSIBLE. CURING TIMES SHOULD BE SCHEDULED, COORDINATEWITH SPECIFIC LIQUID OR SHEET SYSTEM(S). MEMBRANE SKIN SHOULD BE VEHEMENTLY PROTECTED AS THE FLOORING IS BEING INSTALLED.
- 5. INCLUDE ALL IN-WALL & STAND ALONE SLEEVES WATERPROOFED (USUALLY LIQUID TYPE). REQUIRES A QUICK EARLY SITE MOBILIZATION TO HIT IN-WALL SLEEVES BEFORE CLOSE-IN.

FIRESTOPPING NOTES

 CONCEALED SPACES, (EXCEPT SHAFTS AND SPRINKLERED SPACES) WITHIN PARTITIONS, WALLS, FLOORS, ROOFS, STARIS, FURRING, PIPE SPACES ETC. THAT WOULD PERMIT THE PASSAGE OF FLAME, SMOKE, FUMES, OR HOT GASES FROM ONE FLOOR TO ANOTHER OR ROOF SPACE, OR FROM ONE CONCEALED AREA TO ANOTHER SHALL BE FIRESTOPPED TO FORM AN EFFECTIVE DRAFT BARRIER OR SHALL BE FILLED WITH NON-COMBUSTIBLE MATERIAL.
 EXTERIOR CORNERS AND EAVES SHALL BE FIRESTOPPED AT THE ENDS OF PARTY WALLS.

ADA NOTES

- THE GENERAL CONTRACTOR SHALL ACQUAINT HIMSELF WITH THE HANDICAPPED REQUIREMENTS FOR THE APPLICABLE STATES AND THE AMERICAN DISABILITIES ACT (ADA) AND SHALL INSURE THAT THIS FACILITY WILL BE ACCESSIBLE. ACCORDING TO THE STRICTER REQUIREMENTS OF THE APPLICABLE STANDARDS.
- THE FOLLOWING IS A PARTIAL LIST OF REQUIREMENTS.
 DOOR HARDWARE SHALL BE MOUNTED BETWEEN 36" AND 42" ABOVE FLOOR AND BE LEVER TYPE.
- TOILETS

 LAVATORY TO HAVE LEVER HANDLES, SPRING FAUCETS OR SELF METERING FAUCETS.
 A COAT HOOK 48" ABOVE THE FLOOR SHALL BE MOUNTED ON THE BACK SIDE OF THE HANDICAPPED STALL DOOR. LOCATE THE WATER CLOSET 18" FROM THE CENTER LINE OF THE
- FIXTURE TO THE WALL THE SEAT WILL BE 17" TO 19" ABOVE THE FLOOR TO THE TOP OF SEAT.
 PROVIDE ONE 42" AND ONE 36" LONG x 1 1/2" OUTSIDE DIAMETER PEENED GRAB BARS, 1 1/2"
 FROM THE WALL WITH ONE BEHIND AT 6" FROM THE WALL AND ONE ADJACENT TO AT 12" FROM THE WALL 33"-36" PARALLEL TO AND ABOVE THE FLOOR. LAVATORY TO BE MOUNTED 32"
 ABOVE THE FINISHED FLOOR TO RIM WITH KNEE SPACE OF 30" IN WIDTH AND 27" IN CLEAR HEIGHT. INSTALL MIRROR 36" ABOVE THE FINISHED FLOOR (TO BOTTOM) AND 72" TO TOP.

PROPOSED PLAN ADDITIONAL NOTES

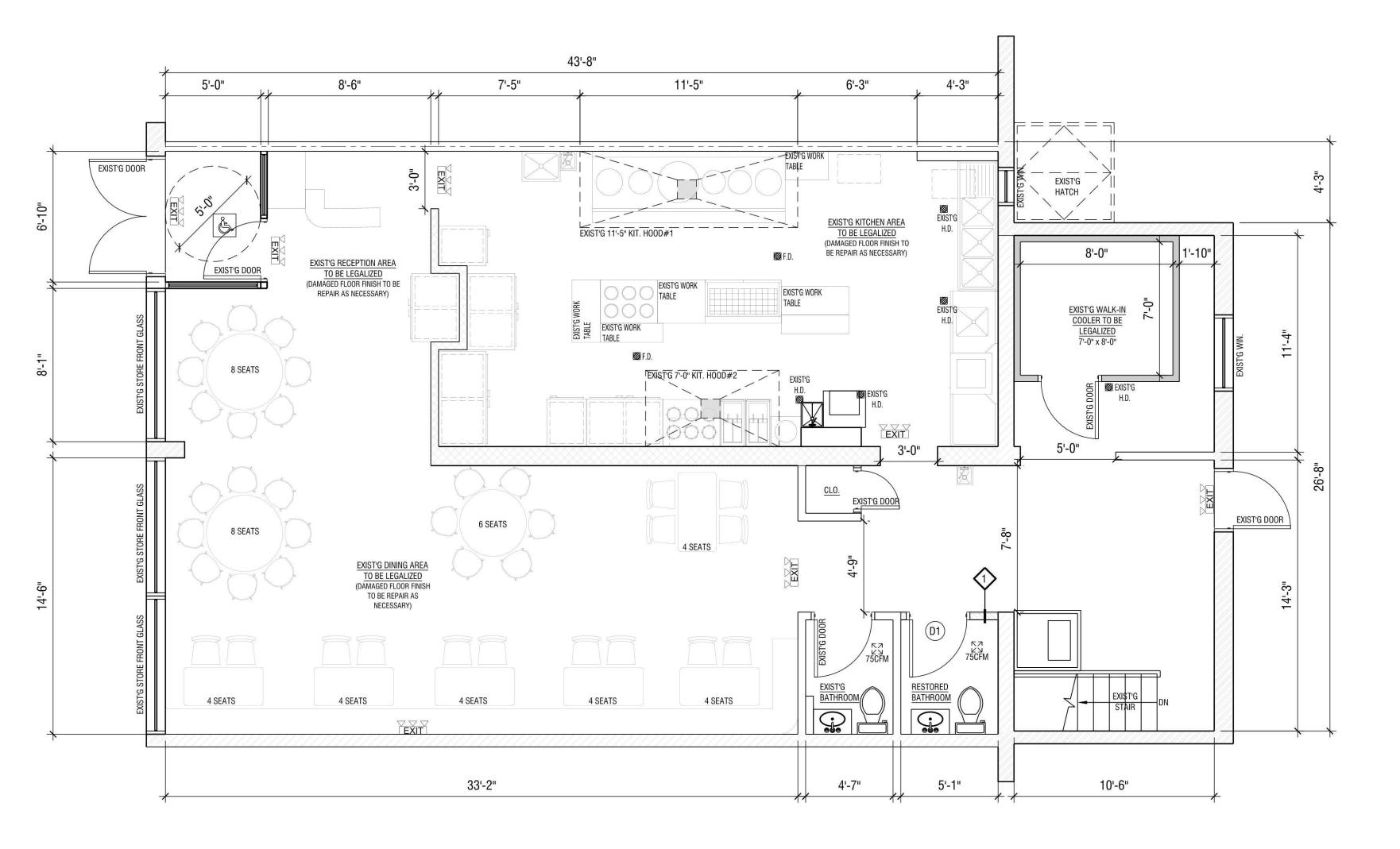
1. MOP SINK IS PROVIDED AS PER CODE. ALL MAINTENANCE EQUIPMENT WILL BE PROVIDE AND STORED IN PROPOSED OFFICE & EXIST'G CELLAR STORAGE AREA.

D. TOILET PAPER DISPENSERS MOUNTED 19" MIN. TO CENTER LINE ABOVE THE FLOOR.

- 2. RESTAURANT UTENSILS/SAN WILL BE PROVIDED FOR PREPARE/SERVE FOOD TO ELIMINATED BARE HAND CONTACT AND PREVENT CONTAMINATION.
- 3. BAYONET-STYLE FOOD PRODUCT THERMOMETER WILL PROVIDED TO MONITOR FOOD TEMPERATURES.
- ALL POTENTIALLY HAZARDOUS FOODS WILL BE PRESERVED IN REFRIGERATION UNITS THAT CONTAINED ACCURATE THERMOMETERS AND CAPABLE OF MAINTAINING PRODUCT TEMPERATURE AT OR BELOW 41°F.
- ALL OPENINGS IN CONSTRUCTION, BETWEEN EQUIPMENT AND BETWEEN EQUIPMENT FLOOR/WALL JUNCTURES ARE TO BE SEALED TO WITHIN 1/32 OF AN INCH. THE USE OF SEALANTS MUST BE LISTED AS APPROVED BY THE NATIONAL SANITATION FOUNDATION (NSF) UNDER STANDARD 51.
 AUTOMATIC CLOSING DEVICES WILL BE PROVIDED ON FOOD-PREP AREA DOORS AND RESTROOM DOORS.
- ALL LIGHTING FIXTURES SHOULD HAVE MIN.20'-0" ILLUMINATION RANGE INSIDE WALK-IN FREEZER/COOLER.
 EQUIPMENT UNITS SHALL CONTAIN NO EXPOSED THREADS, EMBELLISHMENTS OR OVERHANGING
- EDGES THAT SERVE AS PLACES FOR ACCUMULATION OF DUST, DIRT AND DEBRIS. 9. COVE MOLDINGS WILL BE INSTALLED AT ALL FLOOR/WALL JUNCTURES. THE COVE MOLDING
- SHOULD PROVIDE AT LEAST ¼" INCH RADIUS AND BE AT LEAST 4" IN HEIGHT.
 10. LIGHT COVERS WILL BE PROVIDED IN ALL FOOD STORAGE, PREPARATION, SERVICE OR DISPLAY FACILITIES, AND FACILITIES WHERE UTENSILS AND EQUIPMENT ARE CLEANED AND STORED, ARE TO
- BE PROTECTED TO PREVENT BROKEN GLASS FROM FALLING INTO FOOD OR ONTO FOOD-CONTACT SURFACES.

SHEET NOTES

- NEW HVAC ROOFTOP UNITS WILL BE PROPOSED. MODIFY DUCT WORK AS REQUIRED.
 EXISTING PLUMBING SHALL BE MODIFIED AS REQUIRED BY A LICENSED N.Y.S. PLUMBER.
- 2. EXISTING ELECTRIC SHALL BE REMOVED AND REPLACED AS REQUIRED BY A LICENSED N.Y.S. ELECTRICIAN.
- ALL PLUMBING, ELECTRICAL, & HVAC MODIFICATIONS TO BE FILED UNDER SEPARATE APPLICATION.
 ALL DOOR HARDWARE AND THRESHOLDS TO BE ADA COMPLIANT. ALL RESTROOM PLUMBING FIXTURES/FACETS TO BE ADA COMPLIANT



PROPOSED 1ST FL. PLAN

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	HTASSOCIATES
	36-09 MAIN STREET, SUITE 6D FLUSHING, NY 11354 T: 718-799-0901 E: INFO@HTASSOCIATES.NET
DATE	
REVISION	
#	
CLIENT:	OWNER NAME OWNER INFO
PROJECT ADDRESS:	A44 HILLSIDE AVE. 344 HILLSIDE AVE. WILLISTON PARK, NY 11596 SECTION: 9, BLOCK: 142, LOT: 28
PAGE	ISSUED: 3/25/2024
SCAL DRAV	CREATED: 11/28/2022 E: AS NOTED WN BY: LW EKED BY: KY FU
JOB SEAL	#: 23043
AND AVA ACCO SHOV TECH PROP OR O WHOI	E DRAWINGS ARE INSTRUMENTS OF SERVICE ARE THE PROPERTY OF HTA; AND THEY ARE LABLE ONLY FOR REVIEW AND USE IN DRDANCE WITH THIS NOTICE. THE DESIGNS VI AND DESCRIBED HEREIN, INCLUDING ALL NICAL DRAWINGS AND DETAILS THEREOF, ARE RIETARY AND CANNOT BE COPIED, DUPLICATED THERWISE COMMERCIALLY EXPLOITED, IN LE OR PART, WITHOUT THE EXPRESSED WRITTEN MISSION OF HTA. ALL RIGHTS RESERVED.



			KITCHEN E	QUIPMENT SCHE	DULE			
W	NO.	ITEM DESCRIPTION	MANUFACTURER	MODEL NO.	QTY.	SIZE	BTU/H	LOCATION
	EQ1	EXIST'G WOK STATION	-		1	-	-	KITCHEN AREA
	EQ2	EXIST'G GAS RICE COOKER	-	-	1	-	-	KITCHEN AREA
	EQ3	EXIST'G GAS FRYER			2	-	-	KITCHEN AREA
V	EQ4	EXIST'G 6-EYE GAS BURNER		-	1	-	-	KITCHEN AREA
	EQ5	EXIST'G LOW-BOY	2	8	1	-	-	KITCHEN AREA
	EQ6	EXIST'G FREEZER	Ē	-	1	-	-	KITCHEN AREA
	EQ7	EXIST'G COOLER(LARGE)	-	-	2	-		RECEPTION AREA
U	EQ8	EXIST'G COOLER(SMALL)	-	-	1	-	-	RECEPTION AREA
	EQ9	REFRIGERATED WASTE CONTAINER	VIRTUS	BWRU11301/F	1	42"x38"x45"		1ST FL. REAR STORAGE AREA

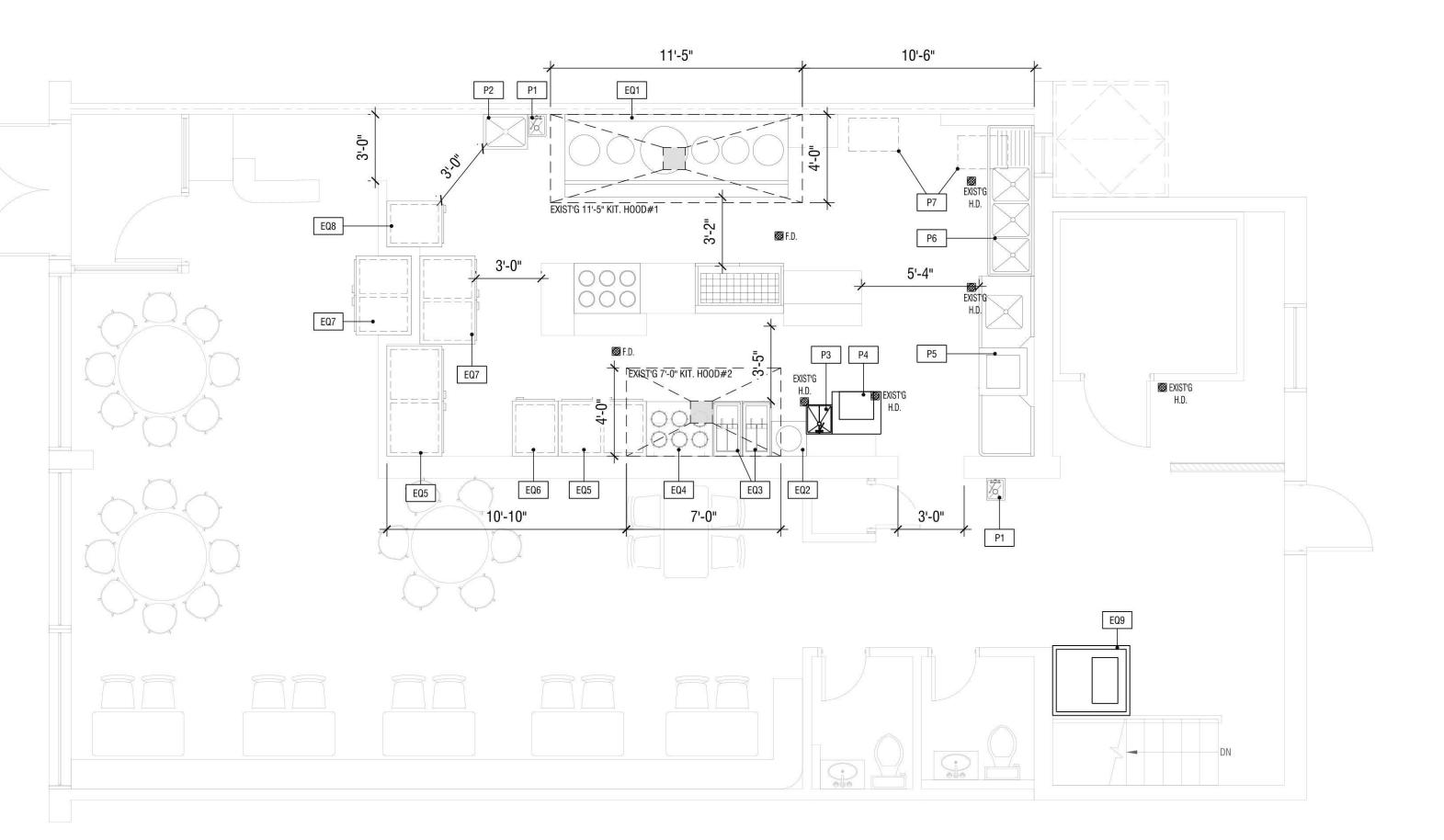
			PLUMBING E	QUIPMENT SCHEDULE			
Т	NO.	ITEM DESCRIPTION	MANUFACTURER	MODEL NO.	QTY.	SIZE	LOCATION
	P1	EXIST'G HAND SINK	-		2	-	KITCHEN AREA
	P2	NEW MOP SINK	REGENCY	25" 16-GA MOP SINK	1	25"x21"x10"	KITCHEN AREA
	P3	EXIST'G FOOD SINK	-	-	1	-	KITCHEN AREA
S	P4	EXIST'G ICE MAKER	-	-	1	-	KITCHEN AREA
	P5	EXIST'G DISHWASHER W/SINK	27 10		1		KITCHEN AREA
	P6	EXIST'G 3-COMP. SINK	-		1	-	KITCHEN AREA
	P7	EXIST'G GREASE TRAP#1	-	-	1	-	CELLAR
R	P8	EXIST'G GREASE TRAP#2	-	-	1	.	CELLAR

SHEET NOTES

1. ALL EQUIPMENTS AND FINISH WILL BE CONFIRM AND FINALIZED BY OWNER/TENANT 2. ALL PROPOSED FIXTURES MUST BE COMMERCIAL GRADE AND NSF APPROVED.

> OCCUPANCY PLAN SCALE: 1/4" = 1'-0"

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	HTASSOCIATES
	36-09 MAIN STREET, SUITE 6D Flushing, ny 11354 T: 718-799-0901 E: Info@Htassociates.net
DATE	
REVISION	
#	
CLIENT:	OWNER NAME OWNER INFO
	344 HILLSIDE AVE. 344 HILLSIDE AVE. WILLISTON PARK, NY 11596 SECTION: 9, BLOCK: 142, LOT: 28
SHEE	SCHEDULE
	A-200.00
	Page 10 of 21 ISSUED: 3/25/2024 CREATED: 11/28/2022
2010/07/07/2017	
, LICE	& SIGNATURE:
THES AND AVAI ACCO SHOV TECH PROP OR O WHOL	(RIGHT: E DRAWINGS ARE INSTRUMENTS OF SERVICE ARE THE PROPERTY OF HTA; AND THEY ARE ILABLE ONLY FOR REVIEW AND USE IN PRDANCE WITH THIS NOTICE. THE DESIGNS VN AND DESCRIBED HEREIN, INCLUDING ALL NICAL DRAWINGS AND DETAILS THEREOF, ARE RIETARY AND CANNOT BE COPIED, DUPLICATED THERWISE COMMERCIALLY EXPLOITED, IN LE OR PART, WITHOUT THE EXPRESSED WRITTEN MISSION OF HTA. ALL RIGHTS RESERVED.



8	LEGEND								
W		I	TEM NO.	ITEN	I DESCRIPTION	MANUFACTURE	R	COLLEC	
			TL-1	GLAZED	PORCELAIN TILE (FLOOR)	-			
	TL-1 - GLAZED PORCELAIN TILE (FLOOR)		TL-2		QUARRY TILE			-	
V				÷ 					
		ľ	TEM NO.	ITEN	I DESCRIPTION	MANUFACTURE	R	COLLEC	
	TL-2- QUARRY TILE		BA-1	18	GAUGE METAL BASE	-		-	
U			BA-2 (COVE) QUARRY COVER BASE		-1		-0		
Т	GENERAL NOTES		TEM NO.	ITE	M DESCRIPTION	MANUFACTURI	ER	COLL	
	 THIS DRAWING SET IS PART OF A COORDINATED SET OF DOCUMENTS. DO NOT SEPARATE BOUND SETS. DRAWINGS AND DIMENSIONS OF THE EXISTING STRUCTURE HAVE BEEN OBTAINED FROM FIELD 		WC-1		SHEETROCK PANEL	-			
	MEASUREMENTS. BE ALERT TO DIMENSIONAL DISCREPANCIES STRUCTURAL SUPPORTS AND OTHER ELEMENTS CONCEALED IN WALLS, NOT SHOWN. REPORT DISCREPANCIES PRIOR TO PROCEEDING. 3. DO NOT SCALE DRAWINGS FOR CONSTRUCTION DIMENSIONS OR TOLERANCES. WRITTEN DIMENSIONS		WC-2		STAINLESS STEEL	-			
S	 DO NOT SCALE DRAWINGS FOR CONSTRUCTION DIMENSIONS OR TOLERANCES. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER DRAWINGS. REQUEST CLARIFICATIONS IN WRITING PRIOR TO PROCEEDING. INSTALL STAINLESS STEEL CORNER GUARDS ON OUTSIDE CORNERS IN BACK OF HOUSE AREAS 	1					FINISH SCF	IEDULE - FIB	
	RECEIVING FRP FINISH. 5. MILLWORK PROVIDED BY OWNER/OWNER VENDOR. G.C. TO OBTAIN SHOP DRAWINGS FROM SUPPLIER	ITEM NO.	ITEM DES	CRIPTION	MANUFACTURER	COLLECTION	NUMBER	COLOR	
	FOR EQUIPMENT/GENERAL CONSTRUCTION COORDINATION. 6. FLOOR FINISH MATERIALS TRANSITION SHALL BE CENTERED ON WHERE DOOR OCCURS.		FIBERGLASS REI	VFORCED PANEL	-	-	-	-	
R	 REFER TO OWNER VENDOR INTERIOR DESIGN PACKAGE FOR ALL FINISH MATERIAL LOCATIONS/LIMITS/TRANSITIONS. DEFER TO A 104 AND A105 FOR ENVIOL SOLIED IN F. 	701546201 88							
	 REFER TO A-104 AND A105 FOR FINISH SCHEDULE. ALL FLOOR TILE SHALL INCLUDE MOVEMENT JOINTS PLACED AT MORE THAN 25 FEET INTERVALS IN SCHUDE DESCRIPTION AND SCHULE DE MOTENCIAL DE MOTENCIA DE MORE THAN 25 FEET INTERVALS IN SCHUDE DESCRIPTION AND SCHULE DE MOTENCIA DE MOTENCIA DE MORE THAN 25 FEET INTERVALS IN SCHUDE DESCRIPTION AND SCHULE DE MOTENCIA DE								
	EACH DIRECTION. MOVEMENT JOINTS SHALL BE INSTALLED AT FLOOR TILE PERIMETERS AND FLOOR TILE TRANSITIONS. MOVEMENT JOINTS SHALL BE LOCATED AND INSTALLED PER TCNA EJ171.								
	 FOR AREAS WITH COVE BASE, CONTRACTOR HALL INSTALL MANUFACTURER'S COVE BASE CORNERS FOR BOTH INSIDE AND OUTSIDE CONDITIONS. 								

FINISH NOTES

OCCUPANCY.

12. ALL FLOORING TRANSITIONS SHALL BE FLUSH.

- 1. FINISH OF WALLS AND CEILING OF FOOD PREPARATION AREAS, RESTROOMS, JANITORIAL AREAS AND UTENSIL WASHING AREA SHALL BE SMOOTH AND WASHABLE.
- 2. THE WALK-IN COOLER AND FREEZER'S METAL FLOORS ARE SMOOTH. DIAMOND PLATE FLOOR IS NOT APPROVED IN THE COOLER AND FREEZER.

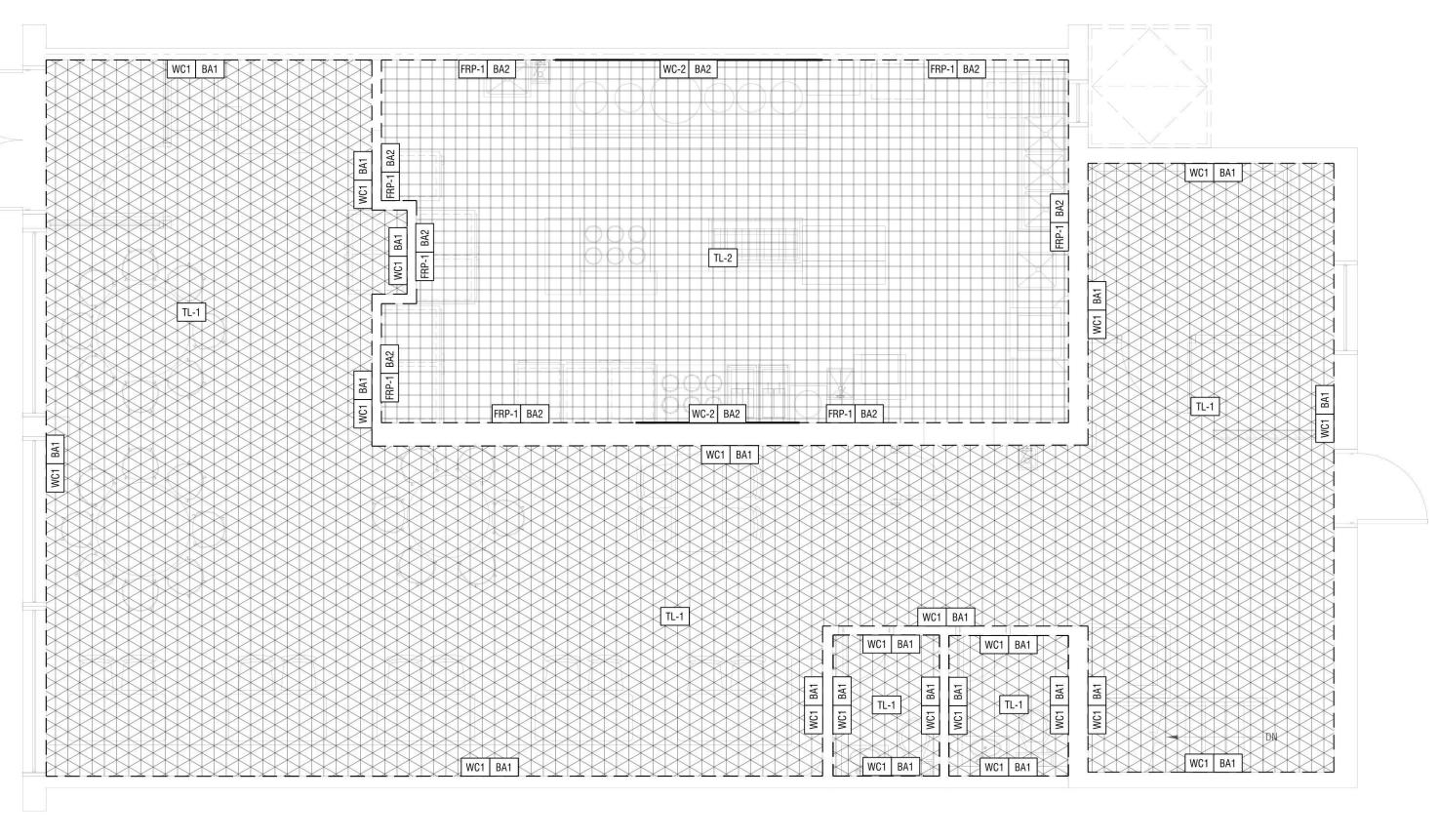
ANY GROUT REQUIRING SEALERS PER THE MANUFACTURERS SHALL BE SEALED PRIOR TO OWNER

- WASHABLE SEM-GLOSS PAINT SMOOTH FINISH OVER MOISTURE RESISTANT GYP. BD.
 CEILING TILE: WASHABLE, SMOOTH, WHITE COLOR AND NON-FISSURED.
- 5. COVED BASE WITH ³/₈ RADIUS
- COVED BAS EMINIMUM 4" HIGH AND ³/₈" RADIUS
 APPLY CLEAR CONCRETE SEALER OVER (3) CONCRETE FLOOR. (THE EUCLID CHEMICAL CO./SUPER AQUA CURE VOX SEALER)

ADDITIONAL NOTES

- CHECK ALL LEAD TIMES ON ALL FINISHES. SOME MAY HAVE 6-8 WEEK LEAD TIME.
 TILE INSTALLER TO VERIFY ALIGNMENT OF GROUT JOINTS OF WALL AND FLOOR TILE PRIOR TO
- INSTALLATION.
 THE GENERAL CONTRACTOR IS TO PROVIDE CONTROL SAMPLES FOR ALL FINISHES AND MILLWORK TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- ALL PAINT TO BE LATEX BASED U.N.O. ALL EXTERIOR PAINT TO BE EXTERIOR GRADE. ALL METAL PAINT, INTERIOR OR EXTERIOR, TO BE ALKYD BASED.
 ALL INTERIOR WALLS IN THE FRONT OF HOUSE TO BE EGGSHELL/SATIN FINISH U.N.O. ALL CEILING
- FINISHES TO BE FLAT/MATTE FINISH. ALL PAINT IN RESTROOMS TO BE SEMI-GLOSS. EACH FACE AND JAMB OF DOORS TO MATCH DOOR FRAME. ALL EXTERIOR METAL TO BE SEMI-GLOSS FINISH.

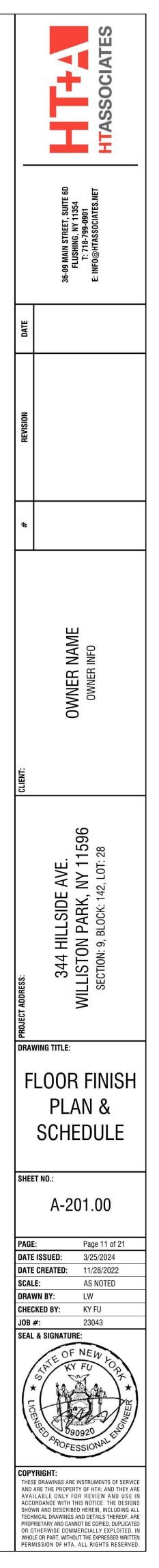
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-		4	-	-	-		-	-			VERIFY PER DRAWINGS	TILE INSTALLER TO VERIFY ALIGNMENT OF GROUT JOINTS OF WALL TILE PRIOR TO INSTALL	EXIST'G DAMAGED FINISH TO BE REPAIR AS NECESSARY		
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FINISH SCHEDULE - WALL BASE															
ECTI	NC	CO	COLOR NUMBER FINISH SIZE		THICKNESS		LOCATION	PROFILE	NOTES						
-			÷	-	×			-			FRONT OF HOUSE, INTERIOR BASE	COLD ROLLED BLACKENED STEEL	EXIST'G DAMAGED FINISH TO BE REPAIR AS NECESSARY		
-			⊼	-	-		-	-			BACK OF HOUSE, VERIFY PER DRAWINGS	ROUND TOP COVE BASE	EXIST'G DAMAGED FINISH TO BE REPAIR AS NECESSARY		
		FINISH S	CHEDULE -	WALLCOVERING											
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IBER	GLASS REI	NFORCED	PANEL												
	FINISH	FIRE RATING	PRICE	LEAD TIME	LOCATION	NO	DTES								
	-	2-1	-	-	вон		FINISH TO BE REPAIR CESSARY								



FLOOR FINISH PLAN

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SCALE: 1/4" = 1'-0"





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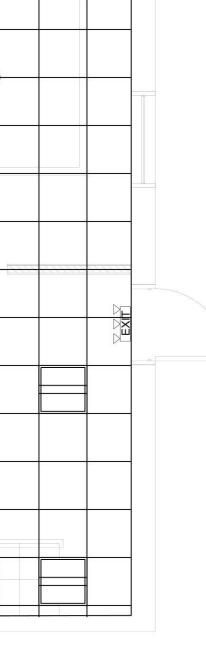
-	LEGEND				
٨/		ITEM NO.	ITEM DESCRIPTION	MANUFACTURER	COLLEC
V	CGL-1 - EXIST'G CEILING PANEL	CLG-2	CEILING PANEL	-	
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J					
Г	VAPOR PROOF LIGHT				
	LIGHTING NOTES:				
8	 NOT ALL FIXTURES SHOWN ABOVE ARE NECESSARILY IN USE. LIGHT SWITCHES/CONTROLS TO BE MOUNTED AT 48" A.F.F. TO CENTER OF CONTROL GC/EC SHALL SUPPLY AND INSTALL ALL STANDARD SWITCHES. ALL COMMUNICATIONS/DATA/TELEPHONE WIRING SHALL BE DONE BY GC/EC WITH TERMINATIONS BY TENANT/VENDOR. WORK NOT LIMITED TO CONDUIT, WIRES, COVER PLATES AND ALL RELATED EQUIPMENT NECESSARY TO COMPLETE SYSTEM. 				
{	EXIT SIGNS:				
	GC/EC SHALL COORIDNATE IN FIELD WITH INSPECTOR TO ENSURE TWO MEANS OF EGRESS ARE VISIBLE.				
	2. INSTALL ADDITIONAL EXIT SIGNS AS REQUIRED.				
Ĵ	REFLECTED CEILING PLAN NOTES				
0	1. MEASURE EACH CEILING AREA PRIOR TO INSTALLATION AND ESTABLISH THE LAYOUT OF THE ACOUSTICAL PANEL SYSTEM SO THAT THE PANELS AT THE PERIMETER ARE CUT TO EQUAL SIZES TO THE OPPOSITE WALL AND PROVIDE MINIMUM DIMENSION OF 6" FOR CUT PIECES, UNLESS NOTED OTHERWISE BY SPECIFIC DIMENSIONS OR LAYOUT REQUIREMENTS.				
	2. REFER TO ELECTRICAL DRAWINGS FOR TYPES OF FIXTURES. UTILIZE REFLECTED CEILING PLANS FOR LOCATIONS AND COORDINATION OF FIXTURES. ANY DISCREPANCY BETWEEN ELECTRICAL AND ARCHITECTURAL DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.				
C	3. REFER TO ELECTRICAL DRAWINGS FOR EMERGENCY LIGHTS, NIGHT LIGHTS, AND EXIT SIGN LOCATIONS.				
	4. REFER TO MECHANICAL DRAWINGS FOR HVAC GRILLES AND DIFFUSERS. UTILIZE REFLECTED CEILING PLAN FOR LOCATION AND COORDINATION OF ITEMS. ANY DISCREPANCY BETWEEN ELECTRICAL AND MECHANICAL DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.				-
N	5. ALL CEILING HEIGHT TO BE 10'-0" ABOVE FINISH FLOOR FOR EACH ROOM UNLESS NOTED OTHERWISE.				
	2020 NYCECC COMPLIANCE STATEMENT				
Л	 TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NYCECC, USING C5. ALL OF THE LAMPS ARE LED AND HIGH EFFICIENCY. 				
	ADDITIONAL NOTES				
	 CHECK ALL LEAD TIMES ON ALL FINISHES. SOME MAY HAVE 6-8 WEEK LEAD TIME. TILE INSTALLER TO VERIFY ALIGNMENT OF GROUT JOINTS OF WALL AND FLOOR TILE PRIOR TO INSTALLATION. 				
	 THE GENERAL CONTRACTOR IS TO PROVIDE CONTROL SAMPLES FOR ALL FINISHES AND MILLWORK TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. ALL PAINT TO BE LATEX BASED U.N.O. ALL EXTERIOR PAINT TO BE EXTERIOR GRADE. ALL METAL PAINT, INTERIOR OR EXTERIOR, TO BE ALKYD BASED. 				-
<	• ALL INTERIOR WALLS IN THE FRONT OF HOUSE TO BE EGGSHELL/SATIN FINISH U.N.O. ALL CEILING FINISHES TO BE FLAT/MATTE FINISH. ALL PAINT IN RESTROOMS TO BE SEMI-GLOSS. EACH FACE AND JAMB OF DOORS TO MATCH DOOR FRAME. ALL EXTERIOR METAL TO BE SEMI-GLOSS FINISH.				

		FINISH SCHEDULE - CEI	LING				
ECTION	NUMBER	PROFILE	COLOR	SIZE	THICKNESS	LOCATION	NOTES
-	-	-	-	-	-	ALL AREA OF WORK	EXIST'G DAMAGED CEILING TO BE REPAIR AS NECESSARY

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										 EXIST'G 1	1'-5" KIT. HO	0D#1			 		<u> </u>				<u> </u>	
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1 CEILING REFLECTING PLAN SCALE: 1/4" = 1'-0"

	GEND						FINISH SCHEDULE - C	CEILING					
		ITEM NO.	ITEM DESCRIPTION	MANUFACTURER	COLLECTION	NUMBER	PROFILE	COLOR SIZ	THICKNESS	LOCATION			
	CGL-1 - EXIST'G CEILING PANEL	CLG-2	CEILING PANEL	-	-	-	-		-	ALL AREA OF WORK	EXIST'G DAMAGED CEILING TO BE F NECESSARY	IEPAIR AS	
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	LED LIGHT												
	VAPOR PROOF LIGHT												
	HTING NOTES:												
	NOT ALL FIXTURES SHOWN ABOVE ARE NECESSARILY IN USE. LIGHT SWITCHES/CONTROLS TO BE MOUNTED AT 48" A.F.F. TO CENTER OF CONTROL GC/EC SHALL SUPPLY AND INSTALL ALL STANDARD SWITCHES. ALL COMMUNICATIONS/DATA/TELEPHONE WIRING SHALL BE DONE BY GC/EC WITH TERMINATIONS BY TENANT/VENDOR. WORK NOT LIMITED TO CONDUIT, WIRES, COVER PLATES AND ALL RELATED												
	T SIGNS:												
	VISIBLE.												
	FLECTED CEILING PLAN NOTES												
	ACOUSTICAL PANEL SYSTEM SO THAT THE PANELS AT THE PERIMETER ARE CUT TO EQUAL SIZES TO THE OPPOSITE WALL AND PROVIDE MINIMUM DIMENSION OF 6" FOR CUT PIECES, UNLESS NOTED												
	REFER TO ELECTRICAL DRAWINGS FOR TYPES OF FIXTURES. UTILIZE REFLECTED CEILING PLANS FOR LOCATIONS AND COORDINATION OF FIXTURES. ANY DISCREPANCY BETWEEN ELECTRICAL AND ARCHITECTURAL DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT							EXIST'G 11-5" KIT. I	0D#1				
	LOCATIONS.												
	PLAN FOR LOCATION AND COORDINATION OF ITEMS. ANY DISCREPANCY BETWEEN ELECTRICAL AND MECHANICAL DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.												
	SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NYCECC, USING C5. ALL OF THE LAMPS ARE LED AND HIGH EFFICIENCY.									EXIT			
	CHECK ALL LEAD TIMES ON ALL FINISHES. SOME MAY HAVE 6-8 WEEK LEAD TIME.					0n							
	INSTALLATION. THE GENERAL CONTRACTOR IS TO PROVIDE CONTROL SAMPLES FOR ALL FINISHES AND MILLWORK TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. ALL PAINT TO BE LATEX BASED U.N.O. ALL EXTERIOR PAINT TO BE EXTERIOR GRADE. ALL METAL PAINT, INTERIOR OR EXTERIOR, TO BE ALKYD BASED. ALL INTERIOR WALLS IN THE FRONT OF HOUSE TO BE EGGSHELL/SATIN FINISH U.N.O. ALL CEILING												
	JAMB OF DOORS TO MATCH DOOR FRAME. ALL EXTERIOR METAL TO BE SEMI-GLOSS FINISH.												
DISAPPROVED Michael Maracic							EXIT						
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													04/01/2024





DOOR SCHEDULE DOOR FRAME SADDLE FENESTRATION RATING DOOR NO. ROOM NAME SIZE FIRE AIR MATERIAL FINISH GLAZING RATING MATERIAL FINISH MATERIAL U-FACTOR SHGC LEAKAGE WIDTH | HEIGHT | THICKNESS 24" 1-3/4" PAINT D1 BATHROOM/CLOSET 80" WD PAINT WD -----★ 3'-0" → DOOR TYPE "D1" LINTEL SCHEDULE HEADER SCHEDULE STEEL ANGLES OPENING WIDE FLANGE BEAM REMARKS OPENING REQUIRED MEMBER 4'-0" OR LESS L4" x 3-1/2" x 5/16" W10 x 15 MIN. DOUBLE LINTELS FOR UP TO 8'-0" (2) 1-3/4" X 9-1/2" LVL U.O.N. MASONRY WALLS WITH 4'-1" TO 7'-0" L5" x 3-1/2" x 5/16" W10 x 17 MIN. FACE BRICK AND BACK-UP CONCRETE (2) 1-3/4" X 11-7/8" LVL U.O.N. UP TO 10'-0" OVER 7'-0" L5" x 3-1/2" x 1/2" W10 x 19 MIN. **BLOCK WALLS** NOTE: NOTE: FOR ALL HEADER POST NOT SPECIFIED: A. 3-1/2" LEGS ARE HORIZONTAL B. PROVIDE ONE ANGLE FOR EACH 4" OF WALL THICKNESS USE (2) 2X6 POST FOR OPENINGS < 6'-0''

USE 3-1/2" X 5-1/4" PSL COL. FOR OPENINGS > 6'-0"

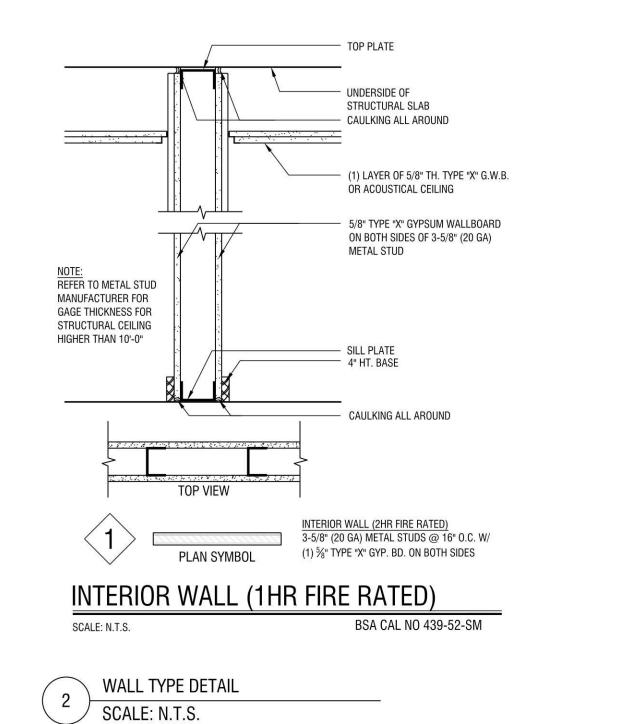
1 GENERAL CONSTRUCTION SCHEDULE SCALE: N.T.S.

F. ALL VOIDS BETWEEN LINTELS AND MASONRY UNITS TO BE FIRE PROOF GOUT FILLED

C. PROVIDE L5" x 5" x 5/16" ANGLES FOR 6" THICK WALLS AND PARTITIONS

D. PROVIDE MIN. 6" BEARING AT EACH END FOR ALL LINTELS

E. LINTELS OVER 4'-0" SHALL BE FIREPROOFED



DROP CEILING DETAILS(TYP.)

WALL ANGLE -

CROSS TEE @ 2'-0" 0.C.

3 SCALE: N.T.S.

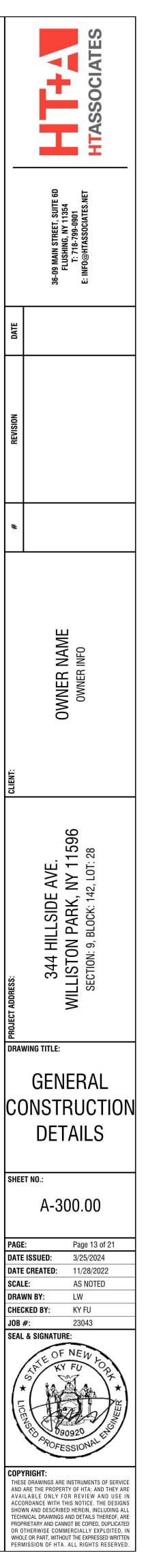


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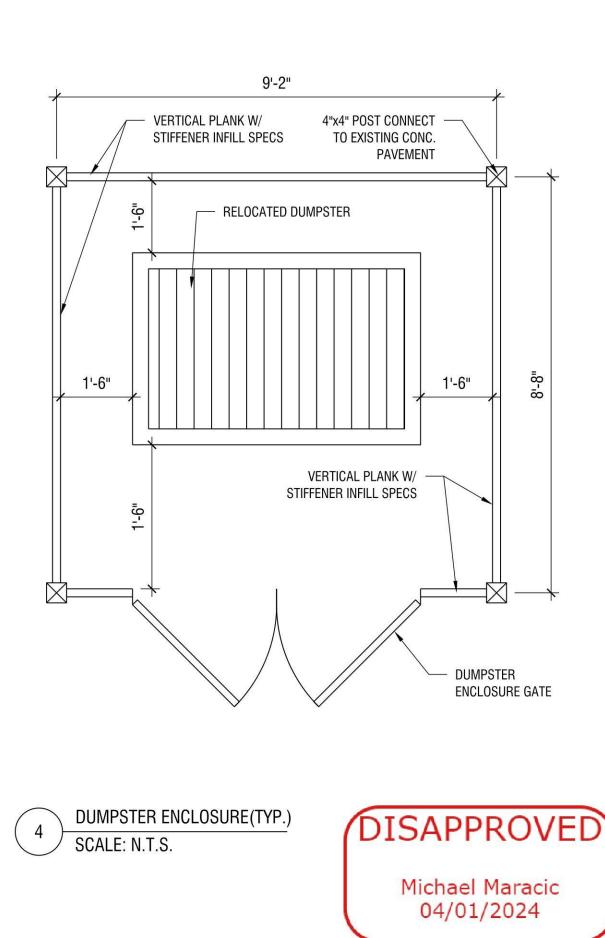
1/4"Ø RODS @ 2'-0" O.C. EXIST'G STEEL JOIST EACH WAY & AT ALL CORNERS OF LIGHT FIXTURE HANGER WIRE @ 30" O.C. USG DRYWALL SUSPENSION MAIN TEE DGLW26 - DGWM24 MOLDING ANGLE, SECURE TO WALL WITH APPROPRIATE FASTENER, TYPICAL - USG DRYWALL SUSPENSION CROSS TEE DGLW424 - USG ENSEMBLE HIGH-NRC BACKER PANEL - USG ENSEMBLE HIGH-NRC BACKER PANEL 2X2 OR 2X4 WHITE ANGLED TEGULAR **CEILING TILE OR EQUIV** - (2) TYPE "X" GYP. BOARD - APPLY AT JOINT, USG SHEETROCK BRAND EASY MAIN RUNNERS @ SAND JOINT COMPOUND AT PANEL EDGE USG ENSEMBLE 2'-0" OR 4'-0" O.C. (A) CEILING PANEL - FASTEN ENSEMBLE BOARD TO ANGLE MOLDING SPRAY-APPLIED FINISH J-BEAD - APPLY USG SHEETROCK ACOUSTICAL SEALANT AT PERIMETER JOINTS TYPICAL.

B SHEETROCK PANEL

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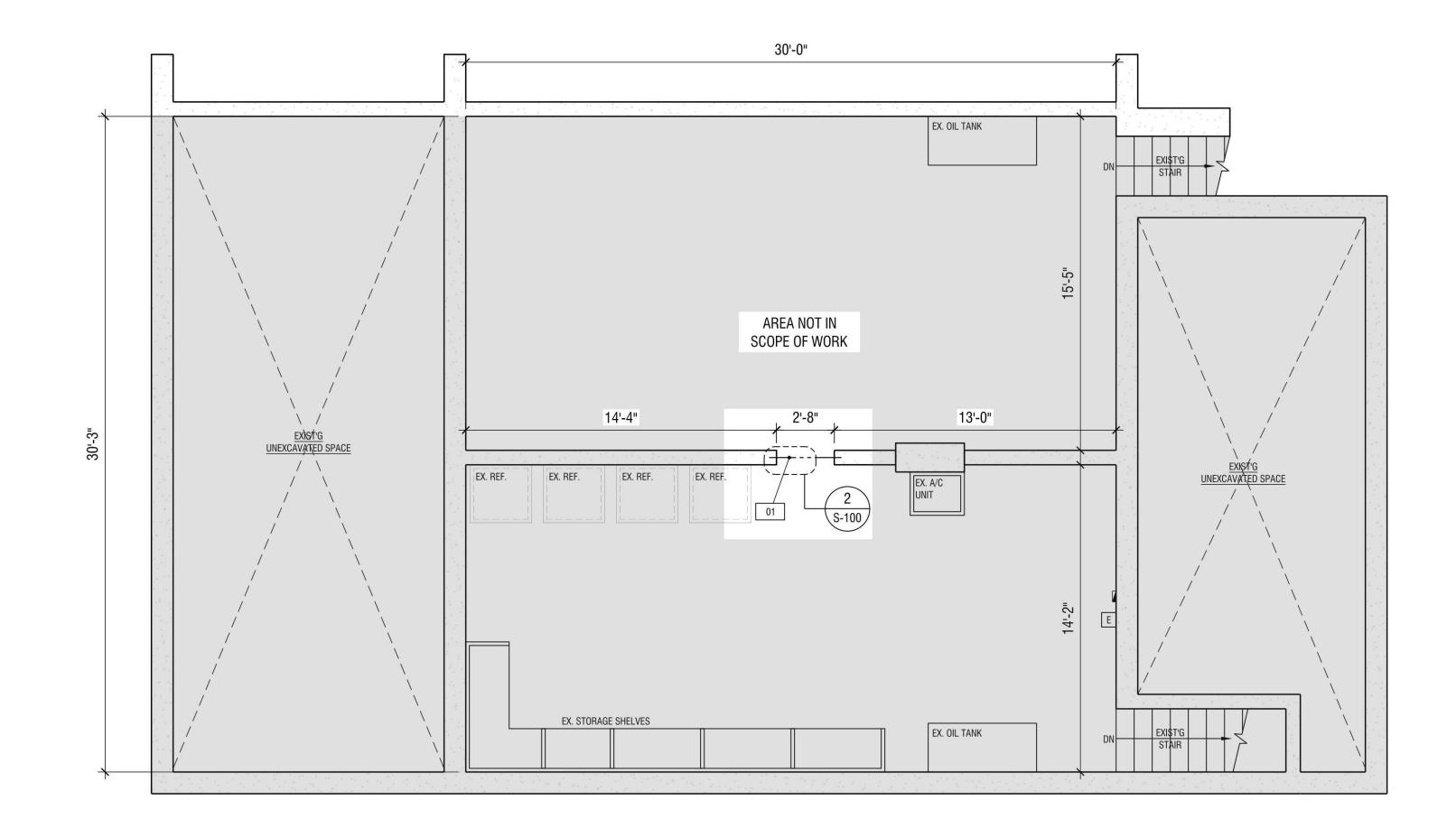


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SEISMIC LOADS PER ASCE 7-05 STRUCTURE LEGEND 1. SEISMIC IMPORTANCE FACTOR I-1.0 OCCUPANCY CATEGORY II SIZE (INCH) LBs/LF SYMBOL STRUCTURAL COMPONENT 2. MAPPED SPECTRAL RESPONSE ACCELERATIONS, Ss=0.35g, S1=0.07g 3. SITE CLASS C. 01 L-SHAPE STRUCTURAL STEEL L5" x 3-1/2" x 5/16" 8.70 4. SPECTRAL RESPONSE COEFFICIENTS Sds=0.36g 5. SEISMIC DESIGN CATEGORY: B 6. BASIC SEISMIC-FORCE-RESISTING SYSTEMS: ORDINARY STEEL MOMENT

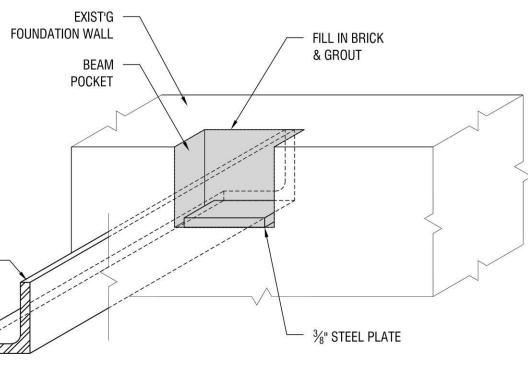
- FRAMES. 7. DESIGN BASE SHEAR V=70.99K
- 8. SEISMIC RESPONSE COEFFICIENTS Cs=0.0263
- 9. RESPONSE MODIFICATION FACTOR, R=3
- 10. ANALYSIS PROCEDURE USED: EQUIVALENT 11. DESIGN BASE SHEAR: 110 KIPS
- 12. LATERAL SYSTEM DESCRIPTION: ORDINARY MOMENT FRAMES/BRACING.



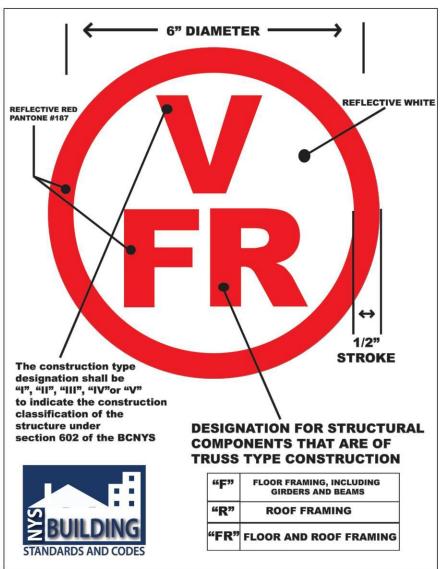
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L5" x 3-1/2" – x 5/16" 11111



LINTEL POCKET DETAIL SCALE: 1/4" = 1'-0"



TRUSS TYPE IDENTIFICATION ID SIGN / SCALE: 1/4" = 1'-0"



	HTASSOCIATES
	36-09 MAIN STREET, SUITE 6D Flushing, NY 11354 T: 718-799-0901 E: Info@htassociates.net
DATE	
BEVISION	
#	*
	OWNER NAME OWNER INFO
CLIENT:	
PROJECT ADDRESS:	344 HILLSIDE AVE. WILLISTON PARK, NY 11596 SECTION: 9, BLOCK: 142, LOT: 28
F	STRUCTURAL PLAN & DETAIL
РА	S-100.00 GE: Page 14 of 21
DA SC DF CH J0	ITE ISSUED: 3/25/2024 ITE CREATED: 11/28/2022 IALE: AS NOTED RAWN BY: LW IECKED BY: KY FU IB #: 23043 IAL & SIGNATURE:
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TH AI AI SI TE PF OI W	PYRIGHT: HESE DRAWINGS ARE INSTRUMENTS OF SERVICE ND ARE THE PROPERTY OF HTA; AND THEY ARE VAILABLE ONLY FOR REVIEW AND USE IN CCORDANCE WITH THIS NOTICE. THE DESIGNS HOWN AND DESCRIBED HEREIN, INCLUDING ALL ECHNICAL DRAWINGS AND DETAILS THEREOF, ARE ROPRIETARY AND CANNOT BE COPIED, DUPLICATED R OTHERWISE COMMERCIALLY EXPLOITED, IN HOLE OR PART, WITHOUT THE EXPRESSED WRITTEN ERMISSION OF HTA. ALL RIGHTS RESERVED.

ELECTRICAL SYMBOLS

W ELECTRICAL & LIGHTING EQUIPMENT										
		POWER PANELBOARD OR DISTRIBUTION PANEL								
	EXIT	3 HEADS EMERGENCY LIGHTING								
V	LIGHTING EQUIPMENT									
	\$ ₁	SINGLE POLE SWITCH								
	\$ ₂	TWO-WAY POLE SWITHCH								
U		WIRING CONCEALED IN WALL/CEILING								
		2X4 LED PANEL LIGHT								
	\oplus	VAPOR PROOF LIGHT								

ELECTRICAL NOTES

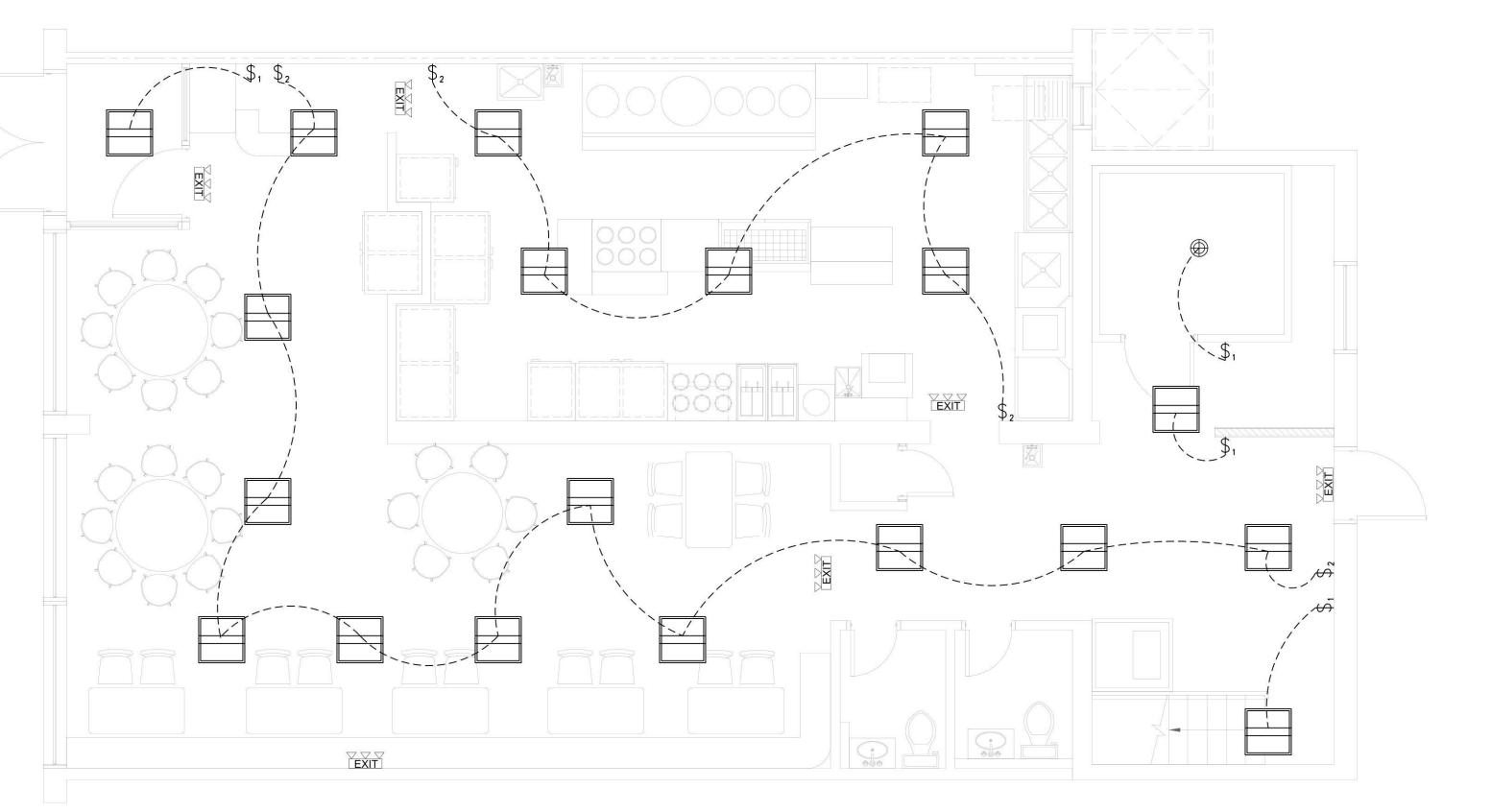
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- 5. PROVIDE PIPE SLEEVES WHERE CONDUITS ARE ROUTED THROUGH FOUNDATION WALLS, SLABS AND FIRE RATED PARTITIONS. PIPE SLEEVES SHALL BE GROUTED. SEALANT SHALL BE APPLIED AROUND THE CONDUIT IN THE SLEEVE IN ORDER TO PREVENT INGRESS OF MOISTURE. WALL AND SLAB PENETRATIONS SHALL BE COMPLETELY WATERPROOFED AND/OR FIRE PROOFED.
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 19. PROVIDE GROUND FAULT CIRCUIT INTERRUPTER FOR EACH RECEPTACLE LOCATED WITHIN 6'-0" OF WATER OR UOUIDS AND FOR OUTDOORS RECEPTACLES WHETHER INDICATED ON DRAWINGS OR NOT.
 20. THE MINIMUM RATING OF DISCONNECT SWITCHES SHALL BE EQUAL TO OR GREATER THAN THE RATING OF THE PROTECTIVE DEVICES ON THE SUPPLY SIDE OF THE DISCONNECT SWITCH. MINIMUM DISCONNECT SWITCH SIZE IS 30 AMPERES.

EXIT SIGN NOTES

- EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL.
 THE PATH OF EGRESS TRAVEL TO EXITS AND WITHIN EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL IN CASES WHERE THE EXIT OR
- THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS.
 3. INTERVENING MEANS OF EGRESS DOORS WITHIN EXITS SHALL BE MARKED BY EXIT SIGNS.
 4. EXIT SIGN PLACEMENT SHALL BE SUCH THAT ANY POINT IN AN EXIT ACCESS COORDIDOR OF EXIT.
- 4. EXIT SIGN PLACEMENT SHALL BE SUCH THAT ANY POINT IN AN EXIT ACCESS CORRIDOR OR EXIT PASSAGEWAY IS WITHIN 100 FEET OR THE LISTED VIEWING DISTANCE OF THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.

			LIGHT	ing fixturi	e scheduli	E			
TYPE	MOUNT	LAMP	INPUT WATTAGE	QUANTITY	TOTAL WATTAGE	EFFICACY	VOLTAGE	LOCATION	REI
	2X4 LED PANEL LIGHT	LED	40.0W	19	760.0	85.0%	120	RECEPTION AREA	ī
\bigoplus	VAPOR PROOF LIGHT	INCANDESCETNT	100.0W	1	100.0	85.0%	120	WALK-IN COOLER/FREEZER	MIN. PER

Remark N/A IIN. 40 LM. Per watt



LIGHTING PLAN

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	HTASSOCIATES
	36-09 MAIN STREET, SUITE 6D Flushing, ny 11354 T: 718-799-0901 E: Info@Htassociates.net
DATE	
REVISION	
#	
CLIENT:	OWNER NAME OWNER INFO
PROJECT ADDRESS:	WILLISTON PARK, NY 11596 SECTION: 9, BLOCK: 142, LOT: 28
LI	GHTING PLAN & NOTES
	E-100.00
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2000/2012/2017	E: AS NOTED NN BY: LW KED BY: KY FU
JOB SEAL	#: 23043 & SIGNATURE: VIEW FU VIEW FU 090920 POFESSIONAL ////////////////////////////////////
AND AVAI ACCO SHOV TECH PROP OR O WHOI	E DRAWINGS ARE INSTRUMENTS OF SERVICE ARE THE PROPERTY OF HTA; AND THEY ARE LABLE ONLY FOR REVIEW AND USE IN NDANCE WITH THIS NOTICE. THE DESIGNS VN AND DESCRIBED HEREIN, INCLUDING ALL NICAL DRAWINGS AND DETAILS THEREOF, ARE RIETARY AND CANNOT BE COPIED, DUPLICATED THERWISE COMMERCIALLY EXPLOITED, IN LE OR PART, WITHOUT THE EXPRESSED WRITTEN MISSION OF HTA. ALL RIGHTS RESERVED.



ELECTRICAL SYMBOLS OUTLET SCHEDULE ELECTRICAL & LIGHTING EQUIPMENT TYPE MANUFACTURE LOCATION AMPS TYPE QTY. REMARKS POWER PANELBOARD OR DISTRIBUTION PANEL \bigcirc 1ST FLOOR 20 DUPLEX LEVITON EXIT **3 HEADS EMERGENCY LIGHTING GROUND-FAULT** LEVITON 1ST FLOOR 20 DUPLEX 20 LIGHTING EQUIPMENT **CIRCUIT INTERRUPTER (GFCI)** SINGLE POLE SWITCH TWO-WAY POLE SWITHCH

ELECTRICAL NOTES

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— — — — — — WIRING CONCEALED IN WALL/CEILING

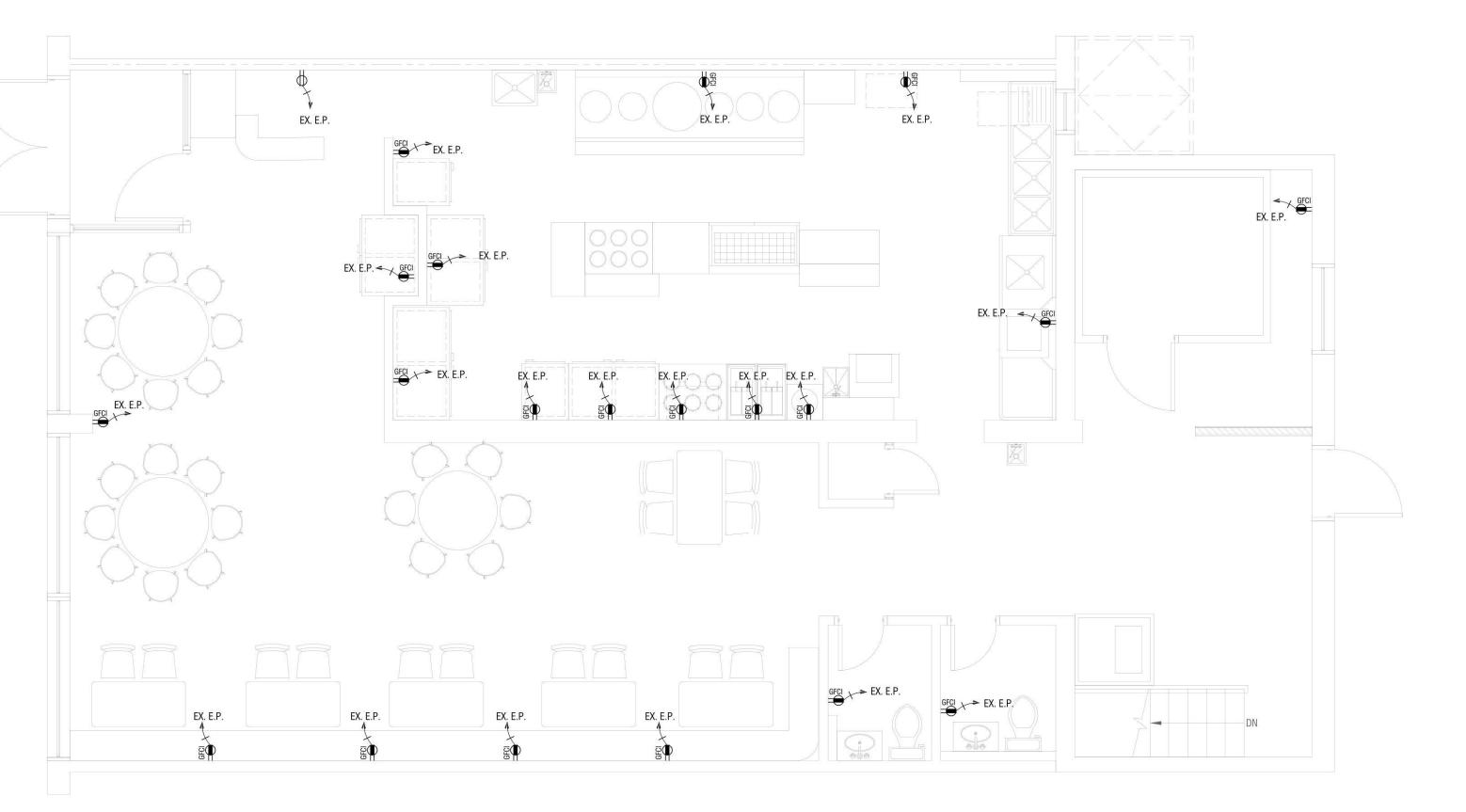
2X4 LED PANEL LIGHT

VAPOR PROOF LIGHT

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 THE MINIMUM RATING OF DISCONNECT SWITCHES SHALL BE EQUAL TO OR GREATER THAN THE RATING OF THE PROTECTIVE DEVICES ON THE SUPPLY SIDE OF THE DISCONNECT SWITCH. MINIMUM DISCONNECT SWITCH SIZE IS 30 AMPERES.

EXIT SIGN NOTES

- EXITS AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL.
 THE PATH OF EGRESS TRAVEL TO EXITS AND WITHIN EXITS SHALL BE MARKED BY READILY VISIBLE EXIT SIGNS TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL IN CASES WHERE THE EXIT OR
- THE PATH OF EGRESS TRAVEL IS NOT IMMEDIATELY VISIBLE TO THE OCCUPANTS.
 INTERVENING MEANS OF EGRESS DOORS WITHIN EXITS SHALL BE MARKED BY EXIT SIGNS.
 EXIT SIGN PLACEMENT SHALL BE SUCH THAT ANY POINT IN AN EXIT ACCESS CORRIDOR OR EXIT
- PASSAGEWAY IS WITHIN 100 FEET OR THE LISTED VIEWING DISTANCE OF THE SIGN, WHICHEVER IS LESS, FROM THE NEAREST VISIBLE EXIT SIGN.

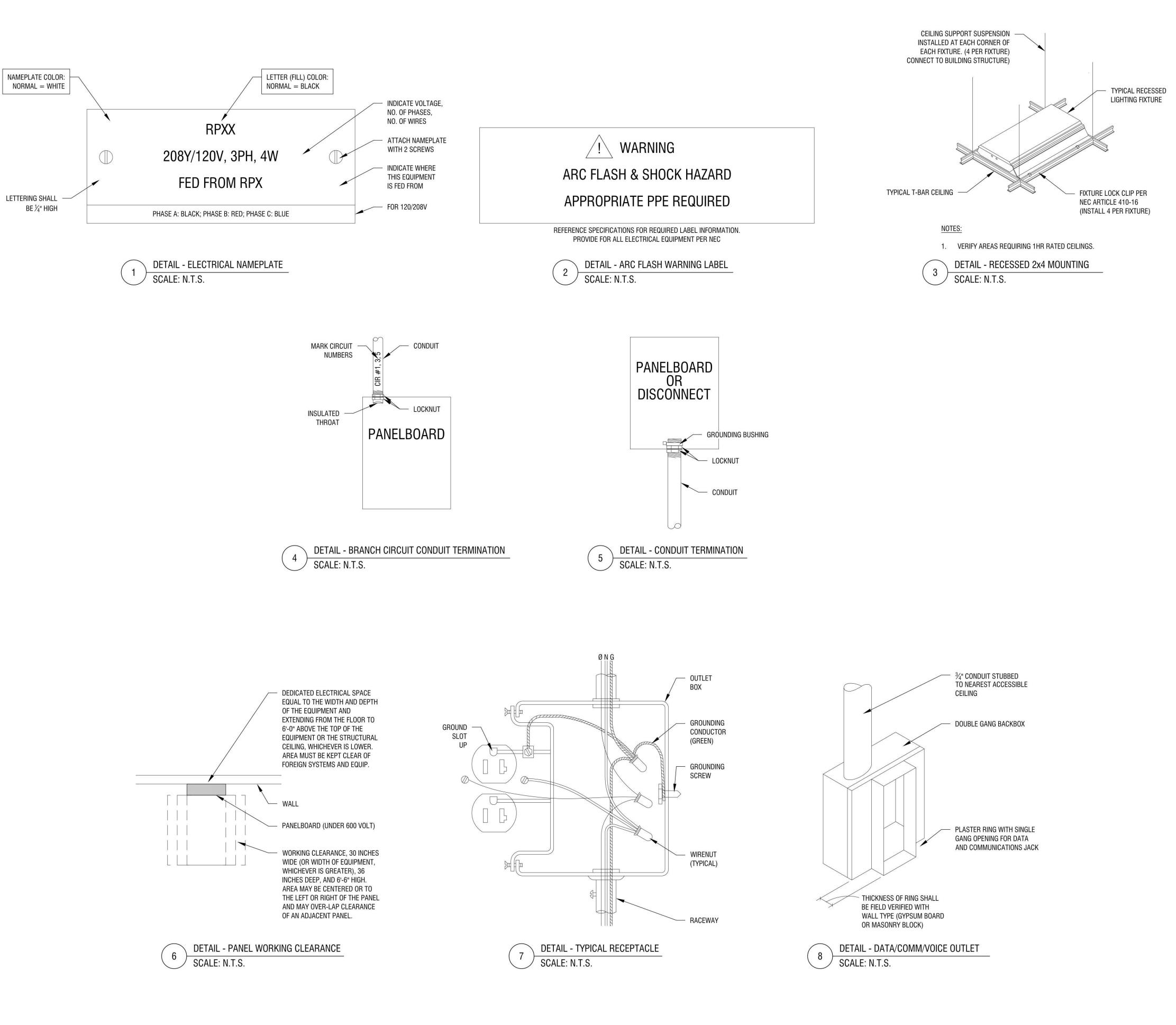


OUTLET PLAN

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	HTASSOCIATES
	36-09 MAIN STREET, SUITE 6D Flushing, ny 11354 T: 718-799-0901 E: Info@Htassociates.net
DATE	
REVISION	
#	
CLIENT:	OWNER NAME OWNER INFO
	SECTION: 9, BLOCK: 142, LOT: 28
SHEE	NOTES
DATE SCAL DRAV CHEC JOB SEAL	ISSUED: 3/25/2024 CREATED: 11/28/2022 E: AS NOTED WN BY: LW CKED BY: KY FU
COPY THES AND AVAI ACCO SHOW TECH PROP OR O WHOI	RIGHT: E DRAWINGS ARE INSTRUMENTS OF SERVICE ARE THE PROPERTY OF HTA; AND THEY ARE LABLE ONLY FOR REVIEW AND USE IN DRDANCE WITH THIS NOTICE. THE DESIGNS VIA AND DESCRIBED HEREIN, INCLUDING ALL NICAL DRAWINGS AND DETAILS THEREOF, ARE RIETARY AND CANNOT BE COPIED, DUPLICATED THERWISE COMMERCIALLY EXPLOITED, IN LE OR PART, WITHOUT THE EXPRESSED WRITTEN MISSION OF HTA. ALL RIGHTS RESERVED.









NAMEPLATE COLOR: NORMAL = WHITE LETTER (FILL) COLOR: NORMAL = BLACK RPXX RPXX 208Y/120V, 3PH, 4W NIDICATE VOLTAGE, NO OF WHEES LETTERING SHALL 208Y/120V, 3PH, 4W FED FROM RPX If the four memory of the four me	Image: Marking Control of the second seco	CEILING SUPPORT SUSPENSION INSTALLED AT EACH CORREN OF EACH FIXTURE (4 PER FIXTURE) CONNECT TO BUILDING STRUCTURE) UGHTING FIXTURE LIGHTING FIXTURE LIGHTING FIXTURE LIGHTING FIXTURE LIGHTING FIXTURE LIGHTING FIXTURE INTESE 1. VERIFY AREAS REQUIRING 1HR RATED CEILINGS. <u>ODTESE</u> 1. VERIFY AREAS REQUIRING 1HR RATED CEILINGS. <u>DETAIL - RECESSED 2x4 MOUNTING</u> SCALE: N.T.S.	TEVISION DATE
MARK CIRCUIT NUMBERS INSULATED HROAT PANELBOARD DETAIL - BRANCH CIRCUIT CONDUIT TER SCALE: N.T.S.	PANELBOARD OR DISCONNECT GROUNDING BUSHIN LOCKNUT LOCKNUT CONDUIT SCALE: N.T.S.	G	TITERT:
DEDICATED ELECTRICAL SPACE EQUAL TO THE WIDTH AND DEPTH OF THE EQUIPMENT AND EXCHEMING FROM THE E.DOR TO EXCHEMING FROM THE E.DOR TO EQUIPMENT OR THE STRUCTURAL EQUIPMENT OR THE STRUCTURAL SLOT COLLING, WHICHEVER IS LOVER. UP AREA MUST BE KEPT CLEAR OF FOREICH SYSTEMS AND EQUIP. WALL PANELBOARD (UNDER 600 VOLT) WALL WALL WALL WALL WALL WALL VALL VALL	GROUNDING SCREW WIRENUT (TYPICAL)	%" CONDUIT STUBBED TO NEAREST ACCESSIBLE CEILING DOUBLE GANG BACKBOX DOUBLE GANG BACKBOX PLASTER RING WITH SINGLE GANG OPENING FOR DATA AND COMMUNICATIONS JACK THICKNESS OF RING SHALL BE FIELD VERIFIED WITH WILL TOPE GOVERNME DOUBD	SHEET I DRAWI GEI DATE IS DATE IS DATE IS DATE IS DATE IS DATE IS DATE IS
0F AN ADJACENT PANEL. 6 DETAIL - PANEL WORKING CLEARANCE 5 SCALE: N.T.S.	7 DETAIL - TYPICAL RECEPTACLE SCALE: N.T.S.	WALL TYPE (GYPSUM BOARD OR MASONRY BLOCK) 8 DETAIL - DATA/COMM/VOICE OUTLET SCALE: N.T.S.	CHECKE JOB #: SEAL & Michael Maracic 04/01/2024 COPYEN TECHNO 29 30 31 32 33

	LEGEND & SYMBOL		T		PLI	JMBING SCH	EDULE			-
W	P•	LOCATION	QTY.	TYP	E	COLD WATEF		R WA	STE	GAS
	COLD WATER NEW PLUMBING FIXTURES		1	EXIST'G HAN	ND SINK		-		-	-
V			1	NEW MOP	P SINK	1/2"	1/2"	3	ju	-
	HOT WATER KITCHEN FIXTURES	1ST FLOOR	1	EXIST'G ICE	WASHER	-	-			
U	MIXING VALVE	IST FLOOR	1	W/SIN EXIST'G 3-CO	19967). C. (2)	-	-		-	~
			2	EXIST'G GREA	ASE TRAP	-	-			-
	SHEET NOTE:		2	NEW FLOOF	R DRAIN	÷		3	;" 	-
Т	PER SECTION 408 OF NYSFGC ALL CAPS AND ASSOCIATED LINES NOT CONNECTED TO APPLIANCE OR EQUIPMENT SHALL BE REMOVED BY LICENSED PLUMBER.		Ĩ		INS	ULATION SCH	IEDULE	1		
	ALL HORIZONTAL STEEL, CAST IRON, AND COPPER PIPE SHALL BE SUPPORTED AT	PIPING SYST TYPES	1	FLUID Emperatu E range °F	RUN OU UP TO ⁻	ALCONT IN CARDING MADE	2-1/2" TO 4"	5" TO 6"	8" OR	LARGER
S	MAXIMUM INTERVALS AS FOLLOWS: STEEL AND CAST IRON PIPE UP TO 1 1/4" 8' 0"; 1 1/2" TO 2 1/2" 10' 0"; 3" AND LARGER 12' 0". COPPER TUBE AND BRASS PIPE UP TO 1 1/4" 6' 0"; 1 1/2" TO 2 1/2" 8' 0"; 3" AND LARGER 10' 0".	DOMESTIC C WATER		40°F	1/2"	1/2"	1/2"	1/2"		1/2"
		DOMESTIC H WATER	IOT	105°F	1/2"	1"	1-1/2"	1-1/2"	1	-1/2"
R	PLUMBING NOTE:			(INSUL	ATION TH	IICKNESS IN INC	Hes for Pipe	SIZE)		
	 ALL WORK TO BE DONE BY A PLUMBER LICENSED IN THE LOCAL MUNICIPALITY. ALL PLUMBING WORK SHALL CONFORM TO THE STANDARDS OF THE 2015 INTERNATIONAL BUILDING CODE AND THE NEW YORK STATE WATER SUPPLY, GAS AND ELECTRICITY AND ALL OTHER AGENCIES HAVING JURISDICTION. 			201		#1 INTERCEP	TOR SIZING			
	 PLUMBING SHALL FILE FOR ALL ADDITIONAL WORK NOT COVERED BY THIS APPLICATION WITH THE PROPER AUTHORITY AND SHALL PAY FOR ALL FEE AND PERMITS THE PLUMBER SHALL PAY FOR AND OBTAIN ALL PERMITS, INSPECTIONS, ETC. RELATED TO HIS WORK 	QTY	EX		SINK (TYP.	PTION BOWL SIZE:14"X14"	X14")	8.232 CUBIC IN	ACITY	7 GPM
Q	UNDER THIS APPLICATION, AS REQUIRED FOR THE COMPLETION OF HIS WORK. 5. CONTRACTOR SHALL PERFORM ALL PLUMBING WORK AS REQUIRED TO COMPLETE THE PROJECT IN	2			FLOOR D	RAIN		3,080 CUBIC IN	ICHES/11.1	
	ACCORDANCE WITH THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE AND AS SPECIFIED HEREIN. 6. CONTRACTOR SHALL REMOVE ALL UNUSED AND UNNECESSARY PIPING AND SHALL PROVIDE NEW AS	1			XIST'G DISH ((TYP. BOW	WASHER L SIZE:14"X14"X14")		40.0 G 2,744 CUBIC II	PM(TYP.) NCHES/9.89	9 GPM
Ρ	SHOWN ON PLANS. 7. ALL PIPING IS TO BE CONCEALED IN WALLS, SOFFITS, OR HUNG CEILINGS AND SHALL NOT BE EXPOSED TO VIEW, UNLESS AS NOTED.					0.98 = 90.75 GPM 75 GPM X 0.75 = 6	8.601 GPM = 137	214 LBS		
	 EXISTING PIPING SHALL BE MODIFIED AS REQUIRED TO PROVIDE A COMPLETE SYSTEM. PLUMBER SHALL PERFORM ALL WORK AS REQUIRED TO PROVIDE A COMPLETE SYSTEM INCLUDING FIXTURES IN ACCORDANCE WITH REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE OR 									
0	ANY AGENCY HAVING JURISDICTION. 10. WATER DISTRIBUTION SYSTEM TO BE COPPER TUBING OR APPROVED EQUAL THROUGHOUT. 11. NO JOIST TO BE CUT FOR PLUMBING ROUGHING.	QTY			DESCRIF	#2 INTERCEF PTION		CAP	ACITY	
0	PROVIDE MECHANICAL VENTILATION FOR BATHROOM AS PER R303.3. INSTALL FAN ON LIGHT SWITCH CAPABLE MINIMUM 80 CFM VENTED TO EXTERIOR.	1				N(TYP. 2" DRAIN)		2,050 CUBIC II	- 64 E	
	THE CONTRACTOR SHALL PROVIDE RECEPTACLES SO THAT NO POINT ALONE THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6' MEASURED HORIZONTALLY FROM AN OUTLET IN THAT SPACE.	1 TOTAL CUBIC II		7.39+ 6.92=	14.31 GPM	. SIZE:20"X16"X6")		1,920 CUBIC II	NCHES/6.92	2 GPM
Ν	ALL BATH, TOILET, KITCHEN, AND GARAGE OUTLETS SHALL BE GROUND-FAULT-INTERRUPTER PROTECTION APPROVED DEVICES.	MIN. GREASE I	RAP#1 S	SIZING REQUIRE	MENI = 14.	31 GPM X 0.75 = 1	0.73 GPM = 21.46	LBS		
	DRILLING AND NOTCHING OF EXTERIOR WALLS AND BEARING PARTITIONS SHALL COMPLY WITH SECTION R602.6. DRILLING AND NOTCHING OF TOP PLATE SHALL COMPLY WITH SECTION R602.6.1.									
Μ	THE MAXIMUM WATER CONSUMPTION FLOW RATES AND QUANTITIES FOR ALL PLUMBING FIXTURES AND FIXTURE FITTINGS SHALL BE IN ACCORDANCE WITH TABLE P2903.2.									
	BATHTUBS WITH SHOWER HEADS AND SHOWER COMPARTMENT FLOORS AND WALLS SHALL BE FINISHED WITH A NON-ABSORBENT SURFACE EXTENDING TO A HEIGHT OF NOT LESS THAN 6' ABOVE THE FLOOR.									
L	SHOWERS AND TUB/SHOWER COMBINATIONS SHALL BE EQUIPPED WITH CONTROL VALVES OF THE PRESSURE BALANCE, THE THERMOSTATIC MIXING OR THE COMBINATION PRESSURE BALANCE/THERMOSTATIC MIXING VALVE TYPES WITH HIGH LIMIT STOPS.									
	ALL POTABLE WATER OPENINGS AND OUTLETS SHALL BE PROTECTED BY AN AIR GAP, ATMOSPHERIC-TYPE VACUUM BREAKER, PRESSURE TYPE VACUUM BREAKER OR HOSE CONNECTION BACKFLOW PREVENTER.									
K	SEPARATE SHUT-OFF VALVES WILL BE PROVIDED FOR EACH BATHROOM AND KITCHEN.									
	ALL CONNECTIONS TO THE POTABLE WATER SHALL CONFORM TO SECTIONS P2902.4.1 THROUGH P2902.4.5.									
J	WOOD FRAMED STRUCTURAL MEMBERS SHALL NOT BE DRILLED, NOTCHED OR ALTERED IN ANY MANNER EXCEPT AS PROVIDED IN SECTION R606.6									
-	A SOIL OR WASTE PIPE, OR BUILDING DRAIN PASSING UNDER A FOOTING OR THROUGH A FOUNDATION WALL SHALL BE PROVIDED WITH A RELIEVING ARCH; OR THERE SHALL BE BUILT INTO THE MASONRY WALL A PIPE SLEEVE TWO PIPE SIZES GREATER THAN THE PIPE PASSING THOUGH.									
	PIPING SHALL BE INSTALLED IN TRENCHES SO THAT THE PIPING RESTS ON SOLID AND CONTINUOUS BEARING.									
	DRAIN, WASTE, AND VENT PIPING AND FITTING MATERIALS SHALL COMPLY WITH TABLE P3002.1. BUILDING SEWER PIPING AND FITTING MATERIALS SHALL COMPLY WITH TABLE P3002.2.									
	THE WATER SUPPLY FOR DISHWASHERS SHALL BE PROTECTED BY AN AIR GAP OR INTEGRAL BACK-FLOW PREVENTER.									
Н	THE DISCHARGE FROM CLOTHES WASHING MACHINES SHALL BE THROUGH AN AIR BREAK.									
	THE ENTIRE PLUMBING SYSTEM SHALL BE TESTED IN ACCORDANCE WITH SECTION P2503 OF THE CODE. ALL HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS AND WORK SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTERS 13 THROUGH 24 OF THE RESIDENTIAL CODE OF NEW YORK STATE. ALL LOCAL RULES AND REGULATIONS AND AS SPECIFIED BY THE LATEST EDITION OF THE NATIONAL FIRE									
G	PROTECTION ASSOCIATION. ALL MECHANICAL SYSTEMS, EQUIPMENT, APPLIANCES, ETC. MUST BE LISTED AND LABELED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, LISTING/LABEL AND THE CODE.									
F	ALL FUEL, GAS SPACE HEATING APPLIANCES IN RESIDENTIAL BUILDINGS SHALL BE REQUIRED WITH A FLAME SAFEGUARD DEVICE, WHICH WILL SHUT OFF THE FUEL SUPPLY TO THE BURNER WHEN THE FLAME OR PILOT LIGHT IS EXTINGUISHED.									
	ALL EQUIPMENT SHALL PERFORM IN ACCORDANCE WITH TABLE N1103.1 OF THE CODE.									
E	ALL HVAC PIPING SHALL BE INSULATED IN ACCORDANCE WITH TABLE N1103.5. DOMESTIC HOT WATER HEATING EQUIPMENT SHALL BE SUBJECT TO THE MINIMUM FEDERAL STANDARDS AS PER TABLE N 1104.1 AND N11104.2 AS APPLICABLE.									
	STANDARDS AS PER TABLE N 1104.1 AND N11104.2 AS APPLICABLE. THE MINIMUM LOAD FOR UNDERGROUND SERVICE CONDUCTORS AND SERVICE DEVICES THAT SERVE 100% OF THE DWELLING UNIT LOAD SHALL BE COMPUTED IN ACCORDANCE WITH TABLE E3502.2.									
D	WIRING METHODS SHALL BE IN ACCORDANCE WITH TABLE E3701.2. ALLOWABLE APPLICATIONS FOR WIRING METHODS SHALL BE IN ACCORDANCE WITH TABLE 3701.4. GENERAL INSTALLATION AND SUPPORT REQUIREMENTS FOR WIRING METHODS SHALL BE IN ACCORDANCE WITH TABLE E3702.1.									
	WIRING METHODS SHALL BE IN ACCORDANCE WITH TABLE E3701.2. ALLOWABLE APPLICATIONS FOR WIRING METHODS SHALL BE IN ACCORDANCE WITH TABLE 3701.4. GENERAL INSTALLATION AND SUPPORT REQUIREMENTS FOR WIRING METHODS SHALL BE IN ACCORDANCE WITH TABLE E3702.1.									
С	ALL PLUMBING FIXTURES SHALL BE INSTALLED WITH CLEARANCES IN ACCORDANCE WITH SECTION 307, FIGURE R307.2 OF THE CODE. INDICATE SPACING BETWEEN PLUMBING FIXTURES AS PER FIGURE R307.2 & NON-ABSORBENT SURFACE AT TUB & SOWER AS PER SECTION R307.2.									
В										

EQ2 EQ3 EQ4 EQ5 EQ6 EQ7 EQ8

NO.

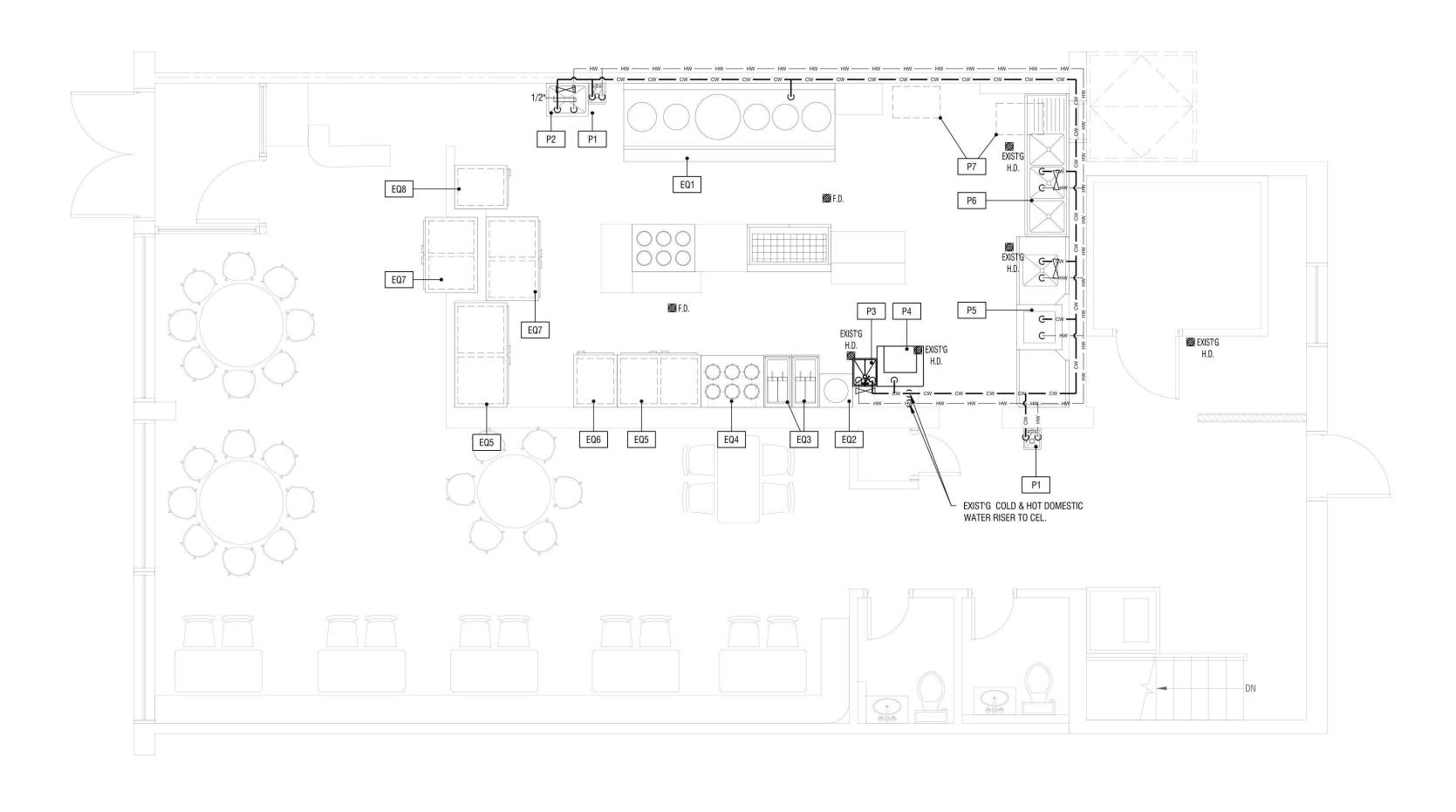
EQ1

NO. P1 P2 P3 P4 P5 P6 P7

P8

KITCHEN EQUIPMENT SCHEDULE									
ITEM DESCRIPTION	MANUFACTURER	MODEL NO.	QTY.	SIZE	BTU/H	LOCATION			
EXIST'G WOK STATION	-	- 1	1	-	-	KITCHEN AREA			
EXIST'G GAS RICE COOKER	-	-1	1	-	-	KITCHEN AREA			
EXIST'G GAS FRYER	-		2	-		KITCHEN AREA			
EXIST'G 6-EYE GAS BURNER	and a	-	1			KITCHEN AREA			
EXIST'G LOW-BOY	8		1	-	H	KITCHEN AREA			
EXIST'G FREEZER	<u>1</u> 29	-	1	125	<u>=</u>	KITCHEN AREA			
EXIST'G COOLER(LARGE)	Ξ.	-	2	-	-	RECEPTION AREA			
EXIST'G COOLER(SMALL)	-	-	1	-	-	RECEPTION AREA			

PLUMBING EQUIPMENT SCHEDULE							
ITEM DESCRIPTION	MANUFACTURER	MODEL NO.	QTY.	SIZE	LOCATION		
EXIST'G HAND SINK	-	.	2	-	KITCHEN AREA		
NEW MOP SINK	REGENCY	25" 16-GA MOP SINK	1	25"x21"x10"	KITCHEN AREA		
EXIST'G FOOD SINK	-	-	1	-	KITCHEN AREA		
EXIST'G ICE MAKER	~	-	1	-	KITCHEN AREA		
EXIST'G DISHWASHER W/SINK	-	-	1		KITCHEN AREA		
EXIST'G 3-COMP. SINK		×	1		KITCHEN AREA		
EXIST'G GREASE TRAP#1	1 20	-	1	-	CELLAR		
EXIST'G GREASE TRAP#2	-	-	1	-	CELLAR		





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	36-09 MAIN STREET, SUITE 6D FLUSHING, NY 11354 T: 718-799-0901 E: INFO@HTASSOCIATES.NET
	36-09 MAIN Flush T: 71 E: INFO@H
DATE	
REVISION	
#	
CLIENT:	OWNER NAME OWNER INFO
PROJECT ADDRESS:	WILLISTON PARK, NY 11596 SECTION: 9, BLOCK: 142, LOT: 28
Pl	ATER SUPPLY LAN & NOTES
DATE SCAL DRAV CHEC JOB SEAL	ISSUED: 3/25/2024 CREATED: 11/28/2022 .E: AS NOTED NN BY: LW CKED BY: KY FU
COPY THES AND AVAI ACCO SHOV TECH PROP OR O WHOI	(RIGHT: E DRAWINGS ARE INSTRUMENTS OF SERVICE ARE THE PROPERTY OF HTA; AND THEY ARE LABLE ONLY FOR REVIEW AND USE IN DRDANCE WITH THIS NOTICE. THE DESIGNS VN AND DESCRIBED HEREIN, INCLUDING ALL NICAL DRAWINGS AND DETAILS THEREOF, ARE RIETARY AND CANNOT BE COPIED, DUPLICATED THERWISE COMMERCIALLY EXPLOITED, IN LE OR PART, WITHOUT THE EXPRESSED WRITTEN MISSION OF HTA. ALL RIGHTS RESERVED.



		LOCATION	QTY.	TYP	E C	old water		VATER	WAS	TF	GAS
gw gw gw gw GREASE WASTE	NEW PLUMBING FIXTURES	LOOATION									UAU
			1	EXIST'G HAN		8	-	3			
sw sw	L EQ KITCHEN FIXTURES		1	NEW MOP		-	1/:	2"	3"		194
	KHOHENHKIOHEO	1ST FLOOR	1	EXIST'G DISH	WASHER		-				-
		13112000	1	W/SIN EXIST'G 3-CO		-	-	-	-		2 .
			2	EXIST'G GREA	ASE TRAP	-	-	-	-		-
			2	NEW FLOOP	RDRAIN	-	-	-	3"		
N 408 OF NYSFGC			•	•	INCLU					I	
) Associated lines Not Noved by Licensed Plu	F CONNECTED TO APPLIANCE OR EQUIPMENT MBER.			FLUID		ATION SCH	EDULE				
	ND COPPER PIPE SHALL BE SUPPORTED AT	PIPING SYST TYPES		EMPERATU E RANGE °F	RUN OUTS UP TO 1"	1-1/4" TO 2"	2-1/2" T(0 4"	5" TO 6"	8" OR L	ARGER
	TEEL AND CAST IRON PIPE UP TO 1 1/4" 8' 0"; 12' 0". COPPER TUBE AND BRASS PIPE UP TO	DOMESTIC C WATER	OLD	40°F	1/2"	1/2"	1/2"		1/2"	1/:	/2"
1021/200,3 AN		DOMESTIC H WATER	ЮТ	105°F	1/2"	1"	1-1/2		1-1/2"	1-1	1/2"
IOTE:		WATER		(INSUL	ATION THIC	KNESS IN INC	HES FOR I	PIPE SIZ	E)		
	ENSED IN THE LOCAL MUNICIPALITY.) THE STANDARDS OF THE 2015 INTERNATIONAL BUILDING					1 INTERCEP		ING			
E NEW YORK STATE WATER S DICTION.	SUPPLY, GAS AND ELECTRICITY AND ALL OTHER AGENCIES	QTY			DESCRIPT				CAPA	CITY	
UTHORITY AND SHALL PAY FOR / BER SHALL PAY FOR AND OBTAI	ALL FEE AND PERMITS N ALL PERMITS, INSPECTIONS, ETC. RELATED TO HIS WORK	1	E			WL SIZE:14"X14">	(14")	8,2	32 CUBIC INC	adredant Hole - Ho	GPM
SHALL PERFORM ALL PLUM	OR THE COMPLETION OF HIS WORK. BING WORK AS REQUIRED TO COMPLETE THE PROJECT IN OF THE 2015 INTERNATIONAL BUILDING CODE AND AS	2			FLOOR DRA			3,0	80 CUBIC INCH 40.0 GPN	000000000 0000000000000000000000000000	GPM
	D AND UNNECESSARY PIPING AND SHALL PROVIDE NEW AS	1				IZE:14"X14"X14")		2,	744 CUBIC INC		GPM
CONCEALED IN WALLS	S, SOFFITS, OR HUNG CEILINGS AND SHALL NOT BE	TOTAL CUBIC I MIN. GREASE T				8 = 90.75 GPM GPM X 0.75 = 68	3.601 GPM =	= 137.214	LBS		
SHALL BE MODIFIED AS RI L PERFORM ALL WORK AS	EQUIRED TO PROVIDE A COMPLETE SYSTEM. REQUIRED TO PROVIDE A COMPLETE SYSTEM INCLUDING										
HAVING JURISDICTION. TRIBUTION SYSTEM TO BE CO	VENTS OF THE 2015 INTERNATIONAL BUILDING CODE OR PPER TUBING OR APPROVED EQUAL THROUGHOUT.			ntes v		2 INTERCEP	TOR SIZ	ING			
IT FOR PLUMBING ROU VENTILATION FOR BAT	IGHING. HROOM AS PER R303.3. INSTALL FAN ON LIGHT SWITCH	QTY		The second se							201/
) CFM VENTED TO EXTEP	NOR.	1			,	YP. 2" DRAIN) ZE:20"X16"X6")			050 CUBIC INC 020 CUBIC INC	54 8 8 8 8	2 N OMPONY
	CLES SO THAT NO POINT ALONE THE FLOOR LINE IN ANY DRIZONTALLY FROM AN OUTLET IN THAT SPACE.	TOTAL CUBIC I MIN. GREASE T				GPM X 0.75 = 10).73 GPM =	21.46 LBS	3		
EN, AND GARAGE OL DEVICES.	ITLETS SHALL BE GROUND-FAULT-INTERRUPTER										
	S AND BEARING PARTITIONS SHALL COMPLY WITH SECTION										
	RATES AND QUANTITIES FOR ALL PLUMBING FIXTURES AND										
NGS SHALL BE IN ACCORDANCE	WITH TABLE P2903.2.										
ITH SHOWER HEADS AND SHOW	ER COMPARTMENT FLOORS AND WALLS SHALL BE										
	ER COMPARTMENT FLOORS AND WALLS SHALL BE EXTENDING TO A HEIGHT OF NOT LESS THAN 6' ABOVE THE										
A NON-ABSORBENT SURFACE TUB/SHOWER COMBINATIONS ANCE, THE THERMOSTATIC MI	EXTENDING TO A HEIGHT OF NOT LESS THAN 6' ABOVE THE SHALL BE EQUIPPED WITH CONTROL VALVES OF THE XING OR THE COMBINATION PRESSURE										
H A NON-ABSORBENT SURFACE D TUB/SHOWER COMBINATIONS LANCE, THE THERMOSTATIC MI RMOSTATIC MIXING VALVE TYPE WATER OPENINGS AND OUTLET C-TYPE VACUUM BREAKER, PRE	EXTENDING TO A HEIGHT OF NOT LESS THAN 6' ABOVE THE SHALL BE EQUIPPED WITH CONTROL VALVES OF THE XING OR THE COMBINATION PRESSURE										
ITH A NON-ABSORBENT SURFACE AND TUB/SHOWER COMBINATIONS BALANCE, THE THERMOSTATIC MI HERMOSTATIC MIXING VALVE TYPE LE WATER OPENINGS AND OUTLET RIC-TYPE VACUUM BREAKER, PRE PREVENTER. SHUT-OFF VALVES WILL BE PROVID	EXTENDING TO A HEIGHT OF NOT LESS THAN 6' ABOVE THE SHALL BE EQUIPPED WITH CONTROL VALVES OF THE XING OR THE COMBINATION PRESSURE ES WITH HIGH LIMIT STOPS. S SHALL BE PROTECTED BY AN AIR GAP, SSURE TYPE VACUUM BREAKER OR HOSE CONNECTION DED FOR EACH BATHROOM AND KITCHEN.										
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EQ1 EQ2 EQ3 EQ4 EQ5 EQ6 EQ7 EQ8

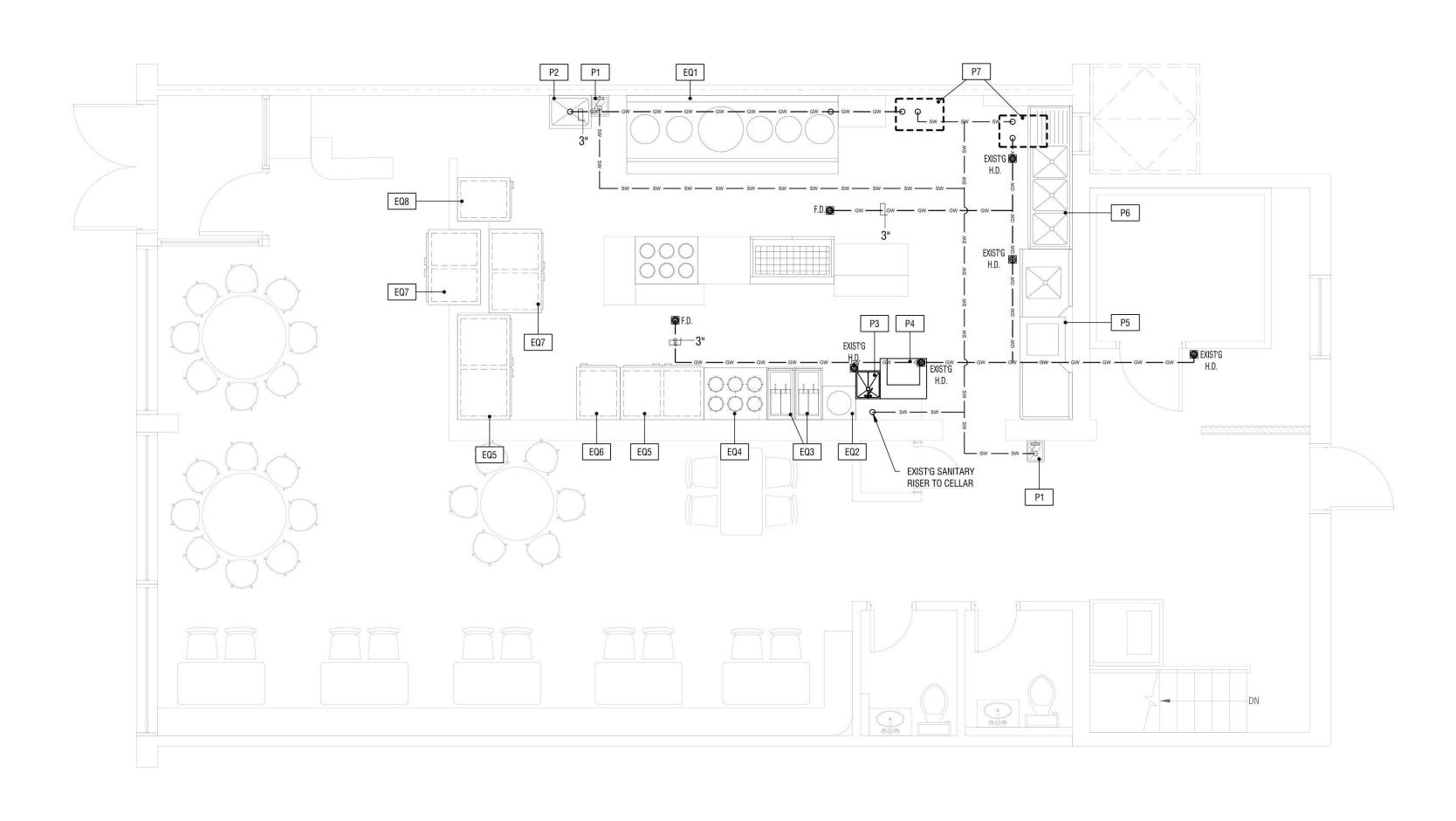
NO.

NO. P1 P2 P3 P4 P5 P6 P7

P8

KITCHEN EQUIPMENT SCHEDULE									
ITEM DESCRIPTION	MANUFACTURER	MODEL NO.	QTY.	SIZE	BTU/H	LOCATION			
EXIST'G WOK STATION	-	-	1	-	-	KITCHEN AREA			
EXIST'G GAS RICE COOKER	-	-	1	-	÷	KITCHEN AREA			
EXIST'G GAS FRYER	-	-	2		.	KITCHEN AREA			
EXIST'G 6-EYE GAS BURNER		-	Ť			KITCHEN AREA			
EXIST'G LOW-BOY	<u>.</u>		1	×	H	KITCHEN AREA			
EXIST'G FREEZER	<u>1</u> 29	-	1		2	KITCHEN AREA			
EXIST'G COOLER(LARGE)	-	-	2	-	¥	RECEPTION AREA			
EXIST'G COOLER(SMALL)	-	-	1	-	-	RECEPTION AREA			

PLUMBING EQUIPMENT SCHEDULE							
ITEM DESCRIPTION	MANUFACTURER	MODEL NO.	QTY.	SIZE	LOCATION		
EXIST'G HAND SINK	-	.	2	-	KITCHEN AREA		
NEW MOP SINK	REGENCY	25" 16-GA MOP SINK	1	25"x21"x10"	KITCHEN AREA		
EXIST'G FOOD SINK	-	-	1	-	KITCHEN AREA		
EXIST'G ICE MAKER	~	-	1	-	KITCHEN AREA		
EXIST'G DISHWASHER W/SINK	-	-	1	-	KITCHEN AREA		
EXIST'G 3-COMP. SINK	8	Ξ	1		KITCHEN AREA		
EXIST'G GREASE TRAP#1		<u> </u>	1	-	CELLAR		
EXIST'G GREASE TRAP#2	-	-	1	-	CELLAR		





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	HTASSOCIATES
	36-09 MAIN STREET, SUITE 6D Flushing, ny 11354 T: 718-799-0901 E: Info@htassociates.net
DATE	
REVISION	
#	
CLIENT:	OWNER NAME OWNER INFO
	344 HILLSIDE AVE. 344 HILLSIDE AVE. 344 HILLSIDE AVE. MILLISTON PARK, NY 11596 SECTION: 9, BLOCK: 142, LOT: 28 SECTION: 9, BLOCK: 142, LOT: 28
PAGE DATE DATE SCAL DRAV CHEC JOB	ISSUED: 3/25/2024 CREATED: 11/28/2022 .E: AS NOTED NN BY: LW CKED BY: KY FU
COPY THES AND AVA ACCO SHOW TECH PROP OR O WHO	CRICHET THE PROPERTY OF HTA; AND THEY ARE ILABLE ONLY FOR REVIEW AND USE IN DRDANCE WITH THIS NOTICE. THE DESIGNS WN AND DESCRIBED HEREIN, INCLUDING ALL NICAL DRAWINGS AND DETAILS THEREOF, ARE RIETARY AND CANNOT BE COPIED, DUPLICATED THERWISE COMMERCIALLY EXPLOITED, IN LE OR PART, WITHOUT THE EXPRESSED WRITTEN MISSION OF HTA. ALL RIGHTS RESERVED.

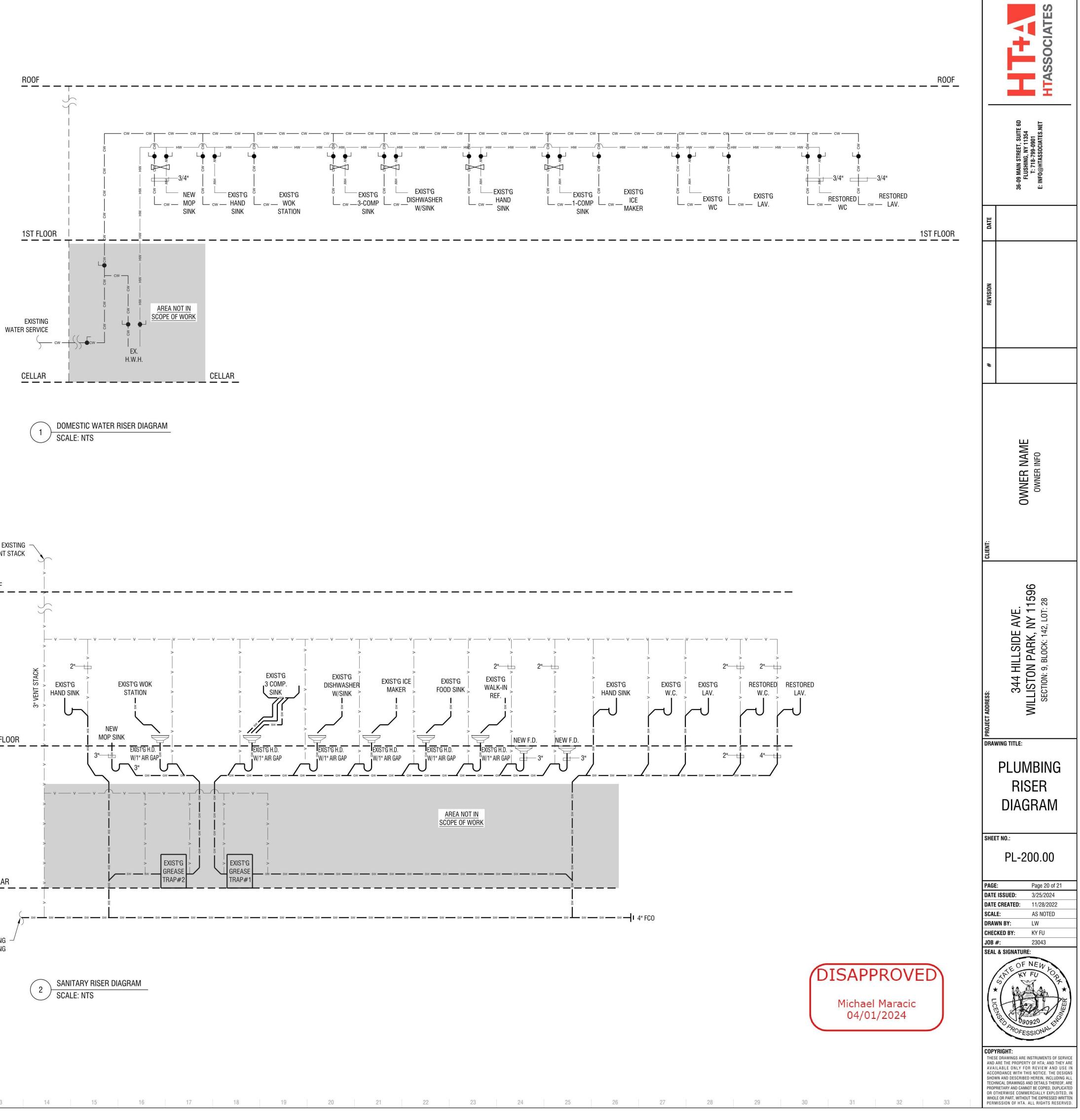


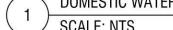
	LEGEND & SYME	BOL	SHEET NOTE:
N	— sw — sw — sw —	SANITARY WASTE	PER NYSFGC 408 ALL CAPS AND ASSOCIATED LINES NOT
	v v	VENT STACK	CONNECTED TO APPLIANCE OR EQUIPMENT SHALL BE REMOVED BY LICENSED PLUMBER.
	cw cw	COLD WATER LINE	
V	—— нw —— нw ——	HOT WATER LINE	
	∟● ●┘	WATER SHUTOFF VALVE	

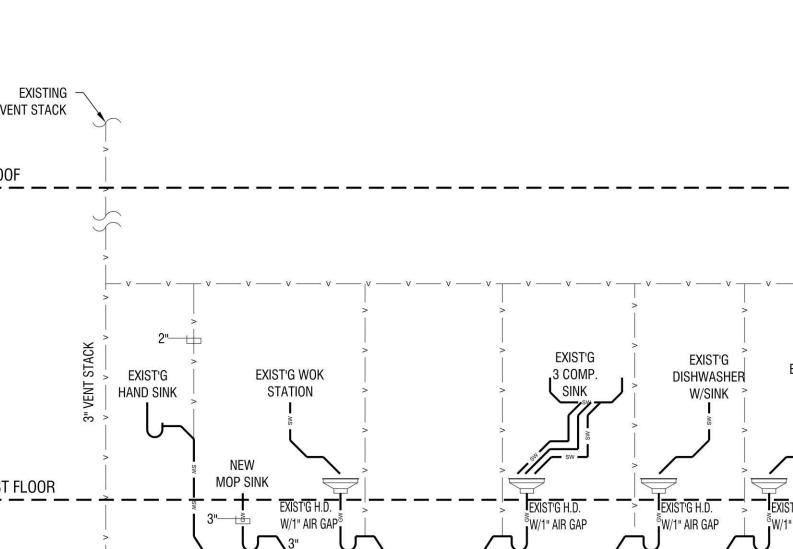
INSULATION SCHEDULE								
PIPING SYSTEM TYPESFLUID TEMPERATU RE RANGE °FRUN OUTS UP TO 1"1-1/4" TO 2"2-1/2" TO 4"5" TO 6"8" OR LAR					8" OR LARGER			
DOMESTIC COLD WATER	40°F	1/2"	1/2"	1/2"	1/2"	1/2"		
DOMESTIC HOT WATER	105°F	1/2"	1"	1-1/2"	1-1/2"	1-1/2"		
(INSULATION THICKNESS IN INCHES FOR PIPE SIZE)								

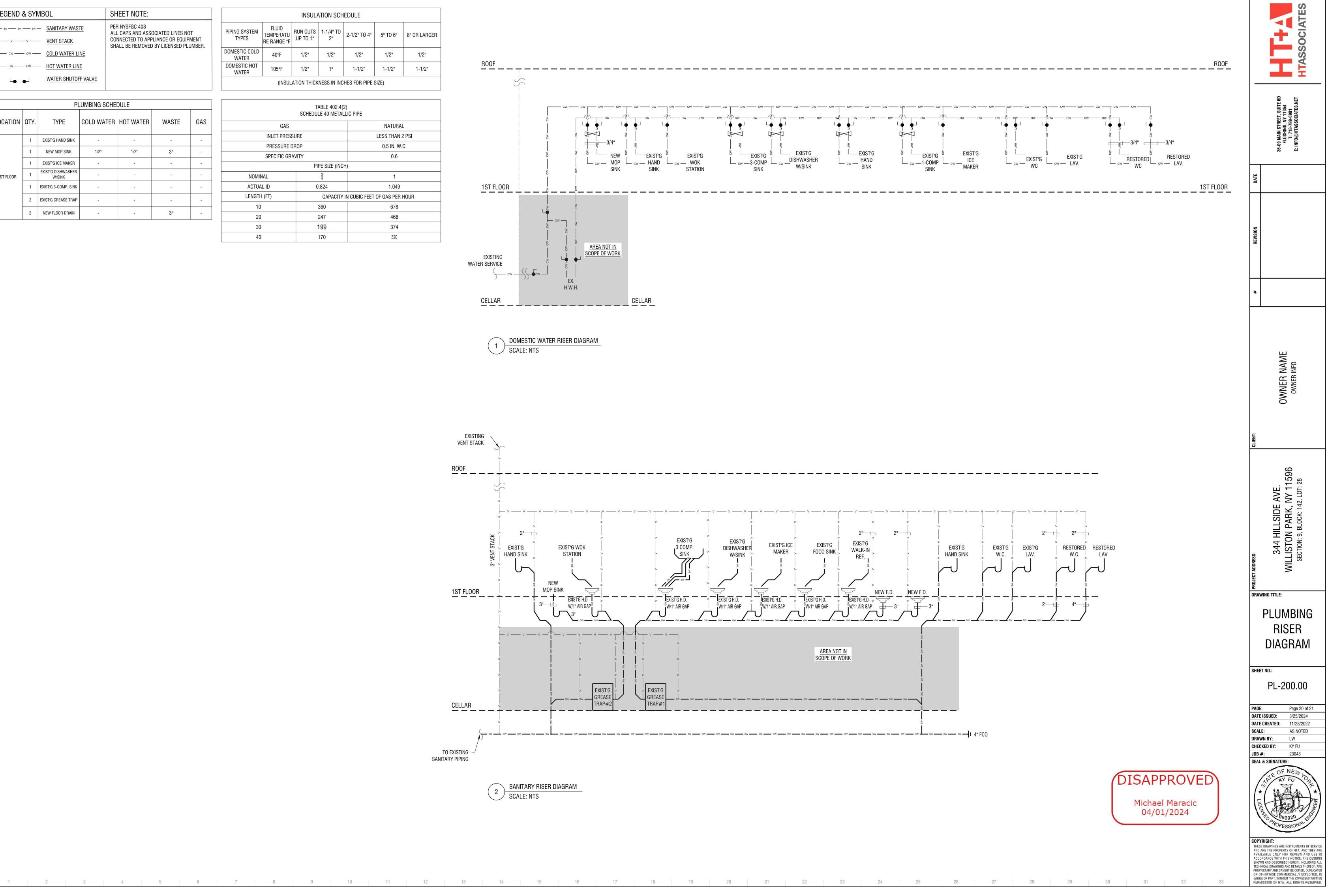
PLUMBING SCHEDULE								
LOCATION	QTY.	TYPE	COLD WATER	HOT WATER	WASTE	GAS		
	1	EXIST'G HAND SINK	-	-	-	-		
	1	NEW MOP SINK	1/2"	1/2"	3"			
	1	EXIST'G ICE MAKER	7 <u>6</u> 7	×.	<u>.</u>	-		
1ST FLOOR	1	Exist'g dishwasher W/Sink	-	- 1	2 - .			
	1	EXIST'G 3-COMP. SINK	-	-	-	-		
	2	EXIST'G GREASE TRAP		2	а.			
	2	NEW FLOOR DRAIN	-	-	3"	-		

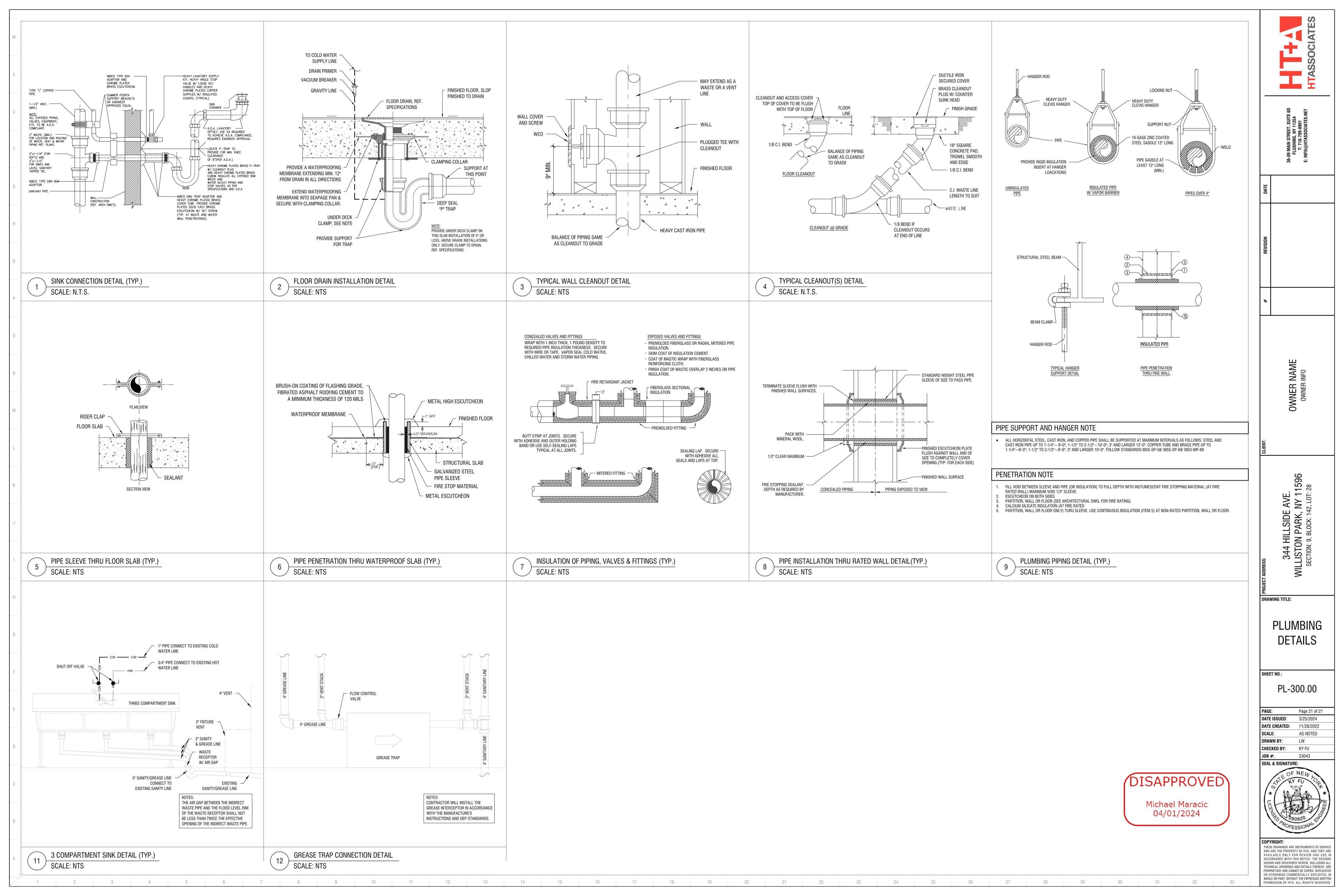
TABLE 402.4(2) SCHEDULE 40 METALLIC PIPE							
GAS		NATURAL					
INLET PRESSU	RE	LESS THAN 2 PSI					
PRESSURE DR	OP	0.5 IN. W.C.					
SPECIFIC GRAV	SPECIFIC GRAVITY						
	PIPE SIZE (INCH)						
NOMINAL	<u>3</u> 4	1					
ACTUAL ID	0.824	1.049					
LENGTH (FT)	CAPACITY IN	N CUBIC FEET OF GAS PER HOUR					
10	360	678					
20	247	466					
30	199	374					
40	170	320					

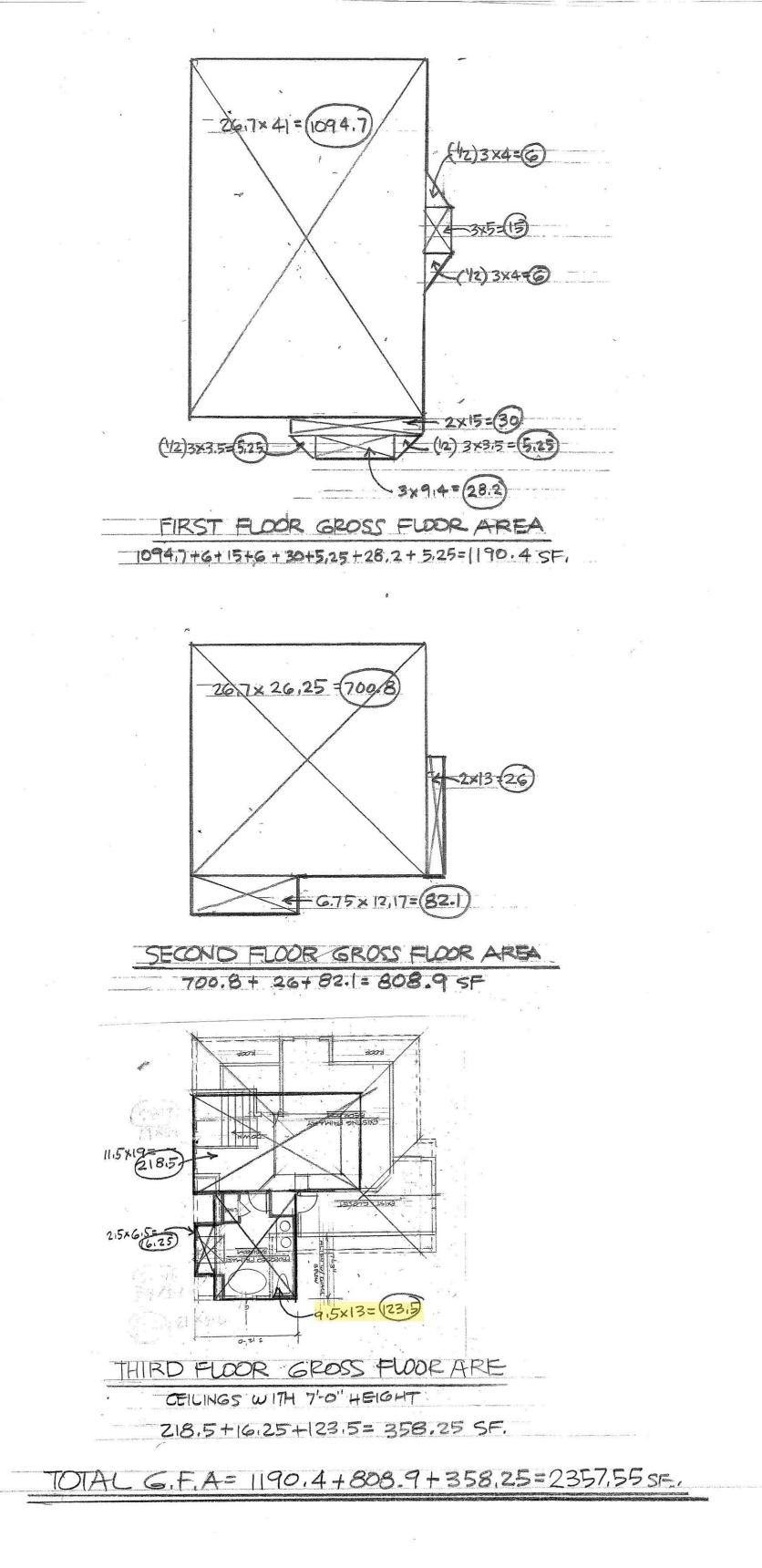












#21550

AVERAGE PRE-EXISTING GRADE: 14,657/143,2= 102.35

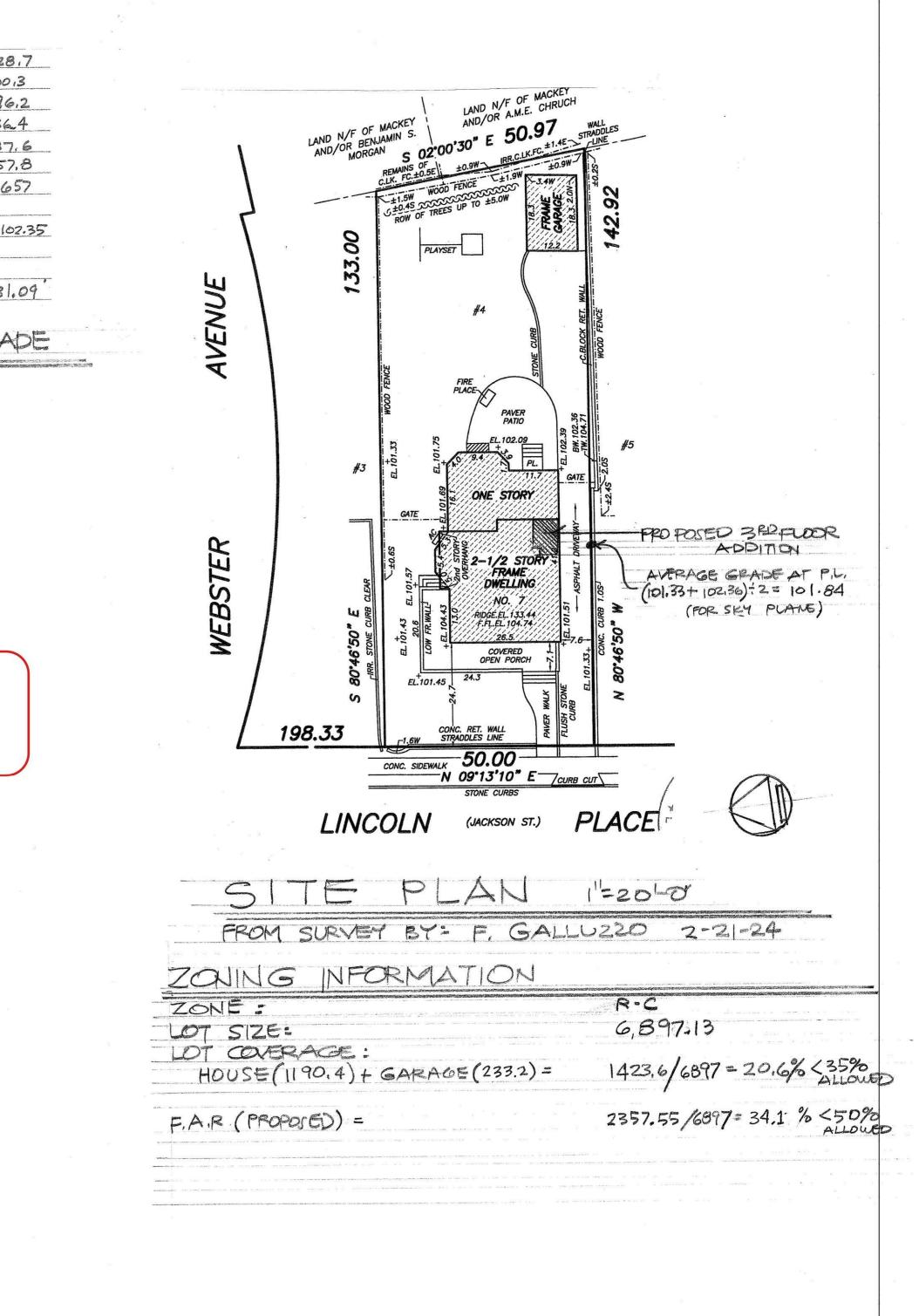
BAISTING PIDEF HEIGHT= 133.44-102.35= 31.09

AVERAGE PRE-EXISTING GRADE

DISAPPROVED

Nicholas Vissichelli 04/10/2024

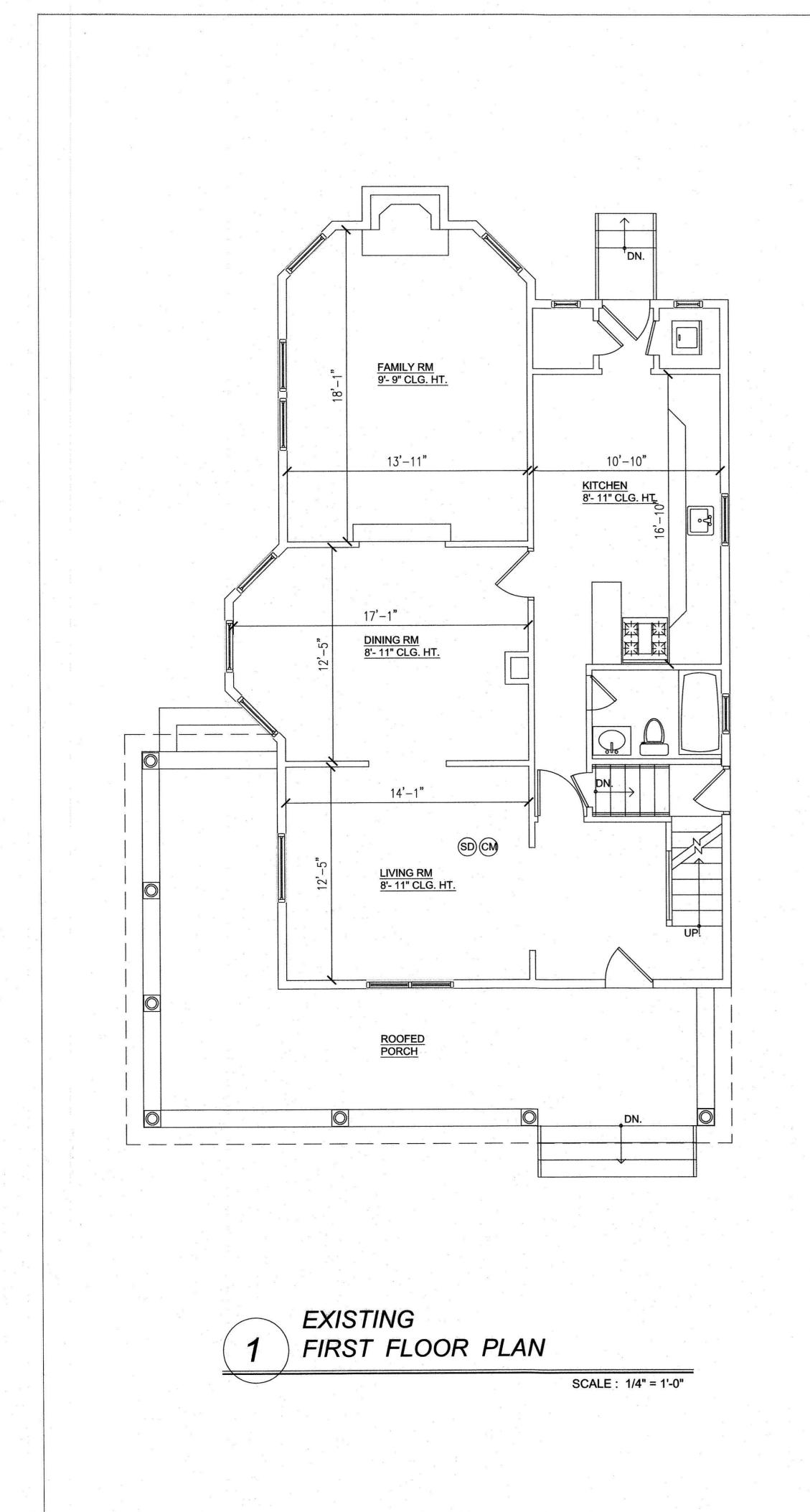
No errors, omissions, or oversight on the part of the Plan Examiner shall release the design professional, applicant, and/or owner of the responsibility to comply with all the requirements of the NYS Building Code, Zoning Laws of the Town of North Hempstead, and all other applicable codes and standards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

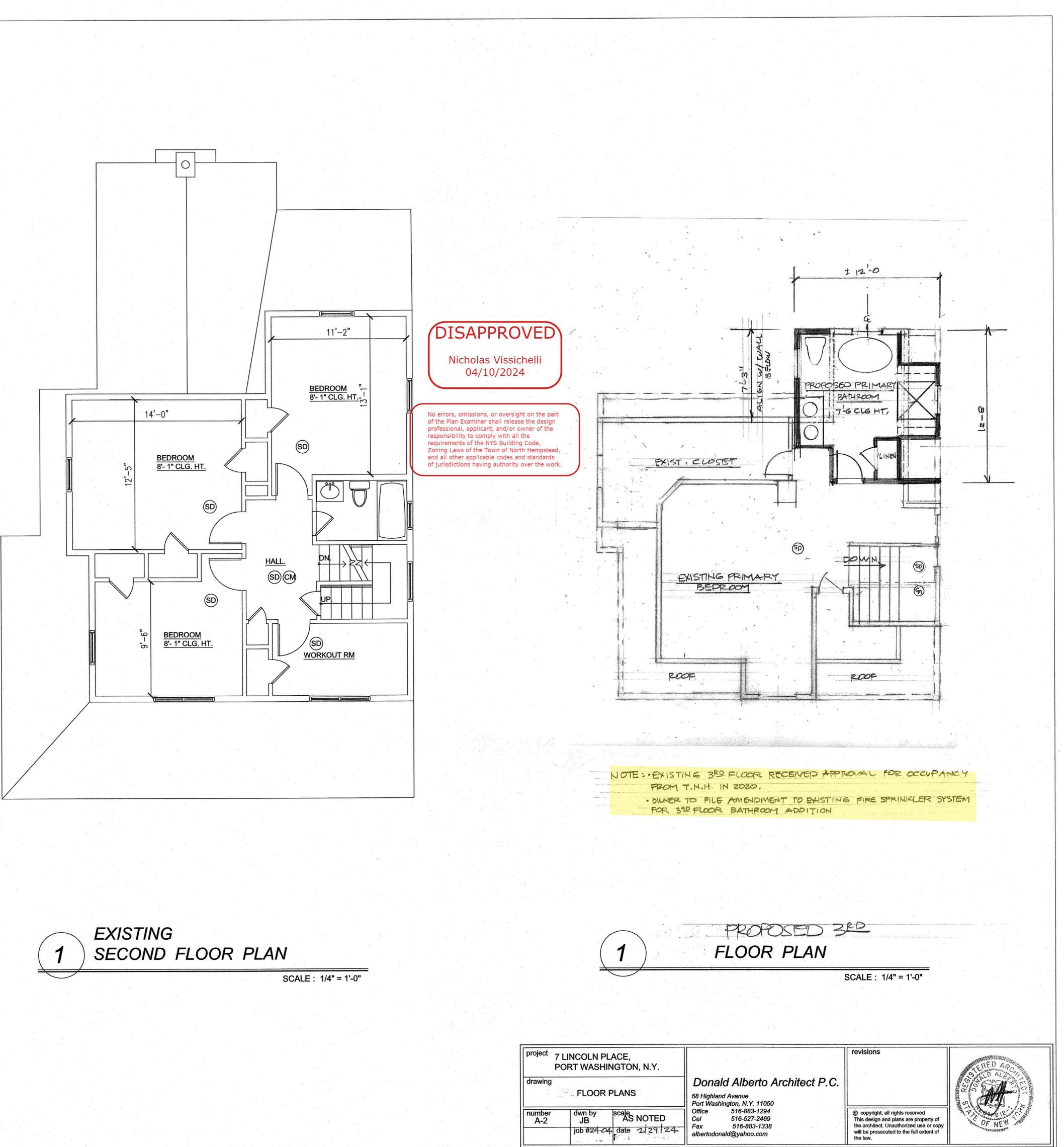


BATHROOM ADDITION TO 3ED FLOOR

1

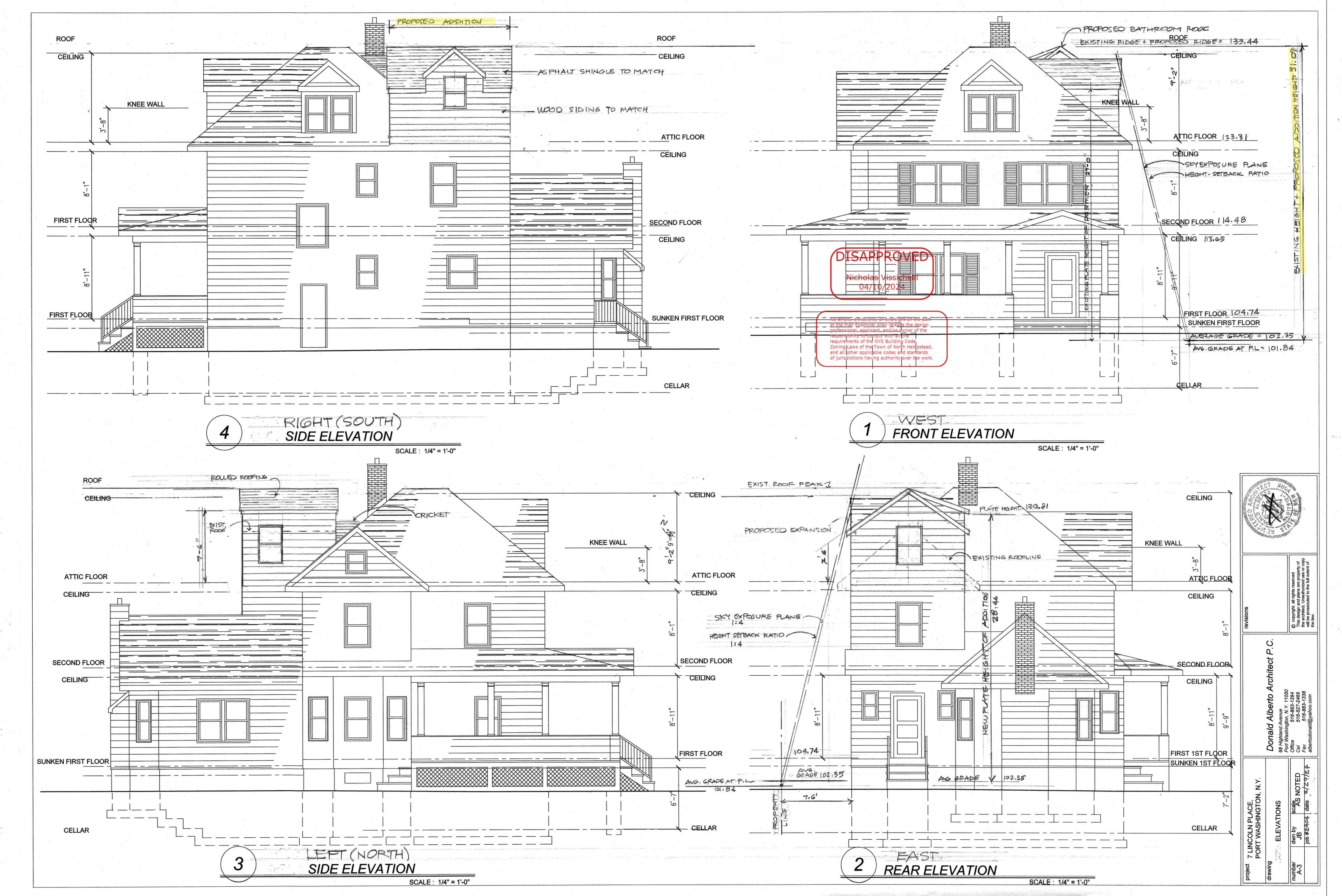
PORT WASHINGTON		revisions	ERED ARCAN	
drawing STE	Donald Alberto Architect P.C. 68 Highland Avenue Port Washington, N.Y. 11050		S SAL	
number dwn by scale A·I dwn by scale job no. 24-04 2-29-24	Office 516-883-1294 Cel 516-527-2469 Fax 516-883-1338 albertodonald@yahoo.com "	© Copyright. All rights reserved. This design and plans are property of the architect. Unauthorized use or copy will be prosecuted to the full extent of the law.	OF NEW ACTION	

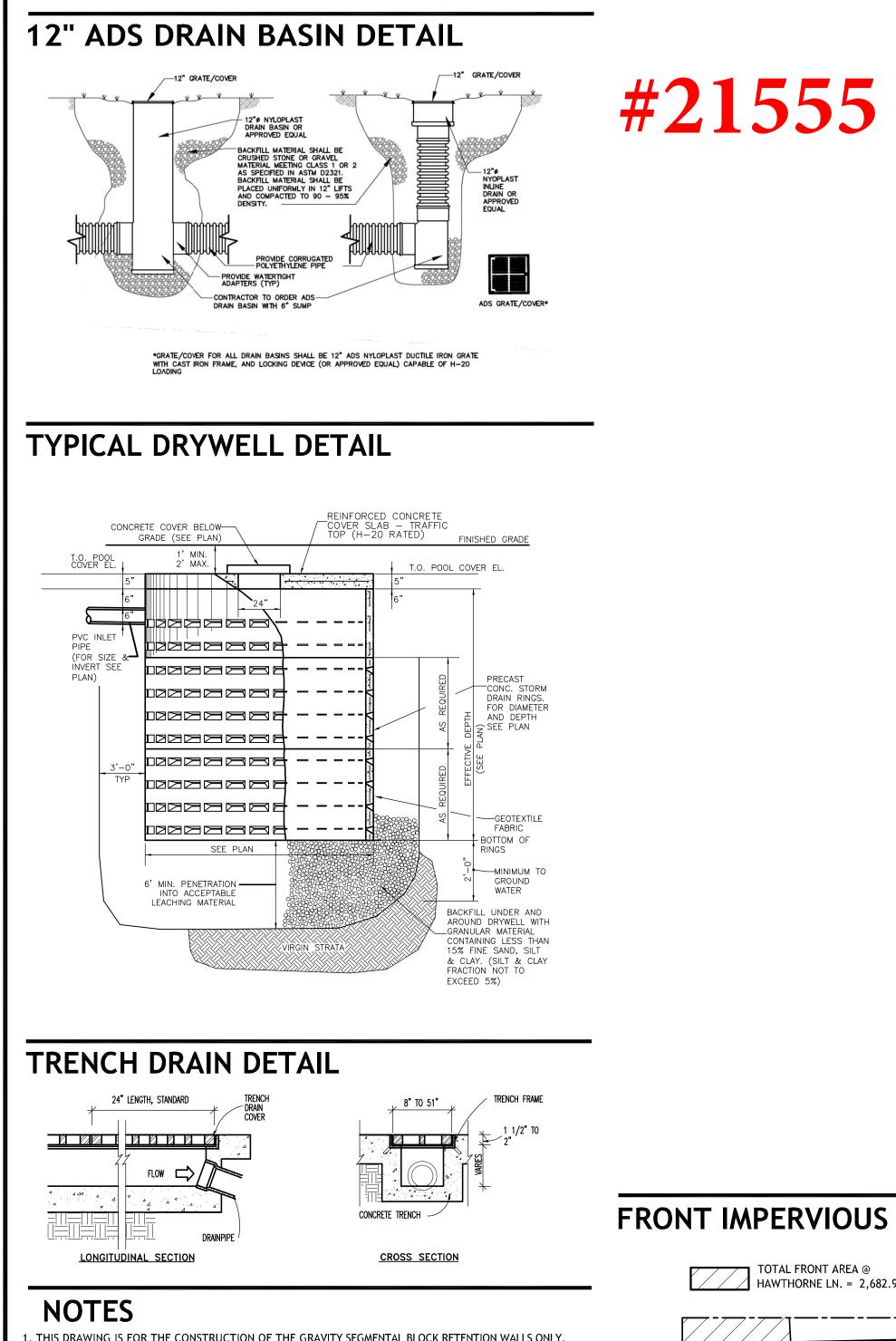






number A-2





I. THIS DRAWING IS FOR THE CONSTRUCTION OF THE GRAVITY SEGMENTAL BLOCK RETENTION WALLS ONLY. 2. THE CONTRACTOR, MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE REQUIREMENTS OF THE CONSTRUCTION CODE OF THE TOWN OF NORTH HEMPSTEAD, NASSAU COUNTY, NEW YORK LATEST EDITION AND ALL APPLICABLE FEDERAL AND STATE CODES, STANDARDS, REGULATIONS, AND LAWS.

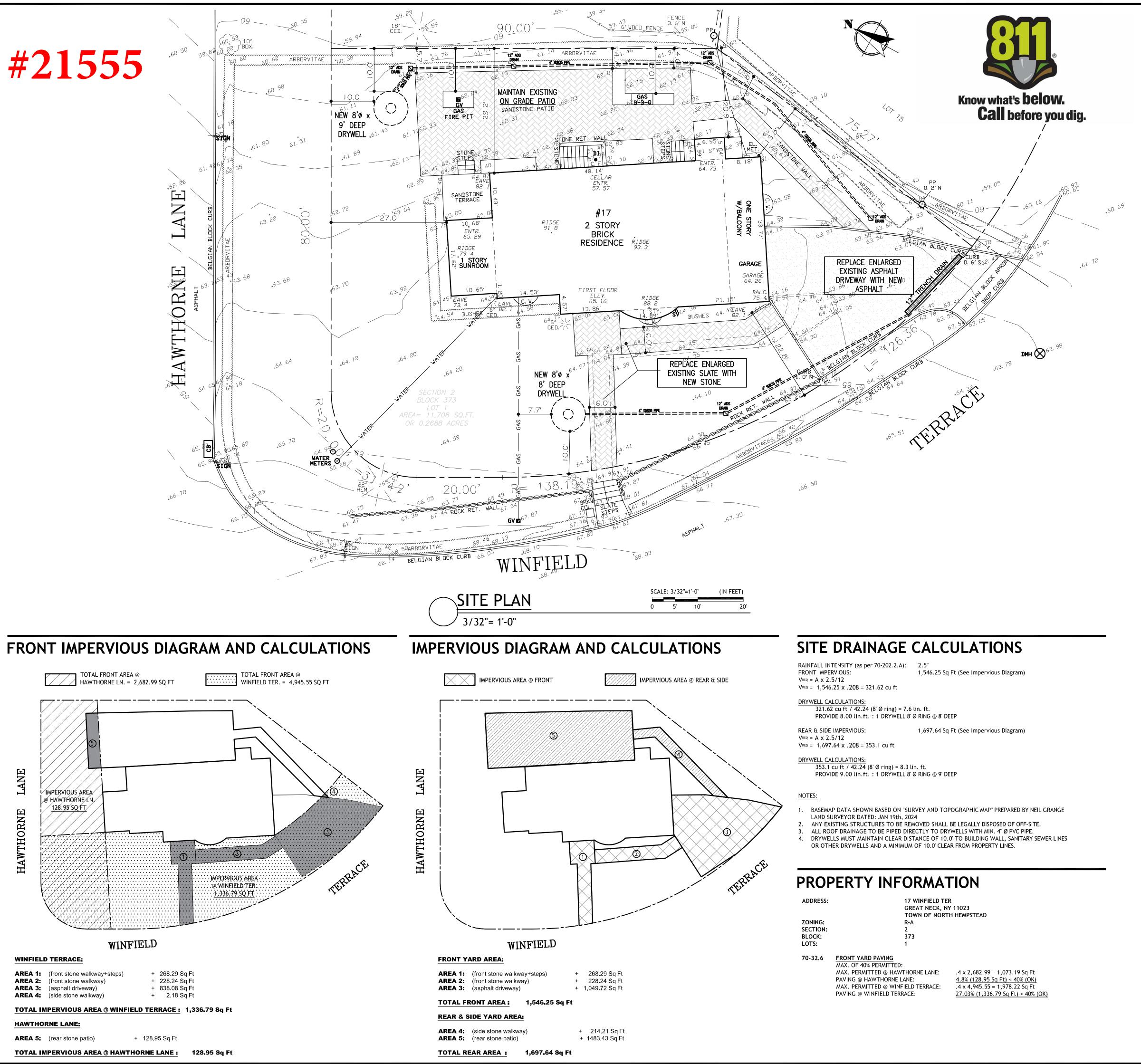
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS, AND COORDINATE WITH ALL CONTRACT DRAWINGS, PROJECT SHOP DRAWINGS AND FIELD CONDITIONS PRIOR TO CONSTRUCTION. IF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND DESIGN PLANS ARISE, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY. 4. THE CONTRACTOR SHALL PROTECT EXISTING FACILITIES, STRUCTURES, UTILITY LINES FROM ALL DAMAGE. 5. JOB SAFETY AND CONSTRUCTION PROCEDURES ARE THE RESPONSIBILITY OF THE CONTRACTOR. 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE PROTECTION OF ALL EXCAVATION SLOPES. WHERE NECESSARY, SHEETING AND SHORING OF EXCAVATION SHALL BE PROVIDED WITH ALL REQUIRED TIE BACKS AND BRACING. METHODS EMPLOYED IN ALL SHEETING AND SHORING SHALL BE DESIGNED BY THE CONTRACTOR'S

PROFESSIONAL ENGINEER LICENSED IN THE PROJECT'S STATE. 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING OF EXCAVATIONS WHERE NECESSARY 8. THE OWNER IS RESPONSIBLE FOR OBTAINING CONTROLLED INSPECTIONS ACCORDING TO GOVERNING BUILDING

CODES. 9. IF CONDITIONS IN THE FIELD ARE DIFFERENT THAN THOSE INDICATED ON THE CONTRACT DOCUMENTS OR DESIGN CALCULATIONS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY. 10. NO REVISIONS, ALTERNATES OR SUBSTITUTIONS TO THE CONTRACT DOCUMENTS ARE ALLOWED WITHOUT

PRIOR WRITTEN APPROVAL FROM THE ENGINEER. 11. THE DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS. 12. IF ANY CONFLICTS SHALL ARISE BETWEEN OR WITHIN THE CONSTRUCTION DRAWINGS AND MANUFACTURER'S

RECOMMENDATIONS THE MOST STRINGENT REQUIREMENT SHALL APPLY. 13. THE OWNER IS RESPONSIBLE FOR ALL PERMANENT FALL PROTECTION AND/OR VEHICULAR BARRIERS WHICH MAY BE REQUIRED BY GOVERNING CODES. THE LOCATION, TYPE AND DESIGN OF THESE ITEMS ARE BY OTHERS. 14. HOME OWNER SHALL BE RESPONSIBLE TO HAVE LAND SURVEYOR MARK AND STAKE OUT OF THE LOT LINE PRIOR TO START THE JOB.





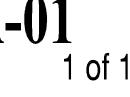
Patio Stone Existing Maintair 17 Winfield T Great Neck, N

No.	Date	lssue			
1	02.25.24	Issued For Filing			
No.	Date	Revision			
It is a violation of the New York State law for any person, unless acting under the direction of a licensed architect, to alter any item on these drawings in any way.					



Job No: 2206 Date: 02/25/2024 as shown Scale: Drawn By: I.REI

Drawing Number:



ADDITION TO THE: NISSIRIOS RESIDENCE 85 DOVER ROAD, MANHASSET, NY 11030



NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE COMPLIANCE STATEMENT:

THIS IS TO CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE PLANS AS SUBMITTED COMPLY IN ALL RESPECTS WITH THE 2020 NYS RESIDENTIAL CODE AND NYS STRETCH ENERGY CODE

RESIDENTIAL CODE OF NEW YORK STATE 2020 - TABLE R 301.2.1

GROUND	WIND	SPECIAL WIND	WIND BORNE	TOPOGRAPHIC	SEISMIC DESIGN					WINTER DESIGN	ICE SHIELD UNDERLAYMENT	FLOOD HAZARDS	AIR FREEZING	MEAN ANNUAL
SNOW LOAD	SPEED	REGION	DEBRIS ZONE	EFFECTS	CATEGORY	WEATHERING	FROST LINE DEPTH	TERMITE	DECAY	TEMP.	REQUIRED	HALARDS	INDEX	TEMP
20	130 MPH	NO	NO	YES	В	SEVERE	MIN 3'-0" BELOW FINISHED GRADE	MODERATE	MODERATE	15° F	YES	NONE	1,500	45° F

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 International Plumbing Code. 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. The jurisdiction shall fill in this part of the table with (a) the date of the jurisdiction's entry into the National Flood Insurance Program (date of adoption of the first code or ordinance for management of flood hazard areas), (b) the date(s) of the Flood Insurance Study and (c) the panel numbers and dates of the currently effective FIRMs and FBFMs or other flood hazard map adopted by the authority having jurisdiction, as amended.
- h. In accordance with Sections R905.1.2, R905.4.3.1, R905.5.3.1, R905.6.3.1, R i. 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 data table "Air Freezing Index-USA Method (Base 32*F)."
- j. 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)." k. 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 table.
- 1. 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. Otherwise, the jurisdiction shall indicate "NO" in this part of the table. 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. The jurisdiction shall fill in this section of the table using the Ground Snow Loads in Figure R301.2(6).

LIST OF DRAWINGS:

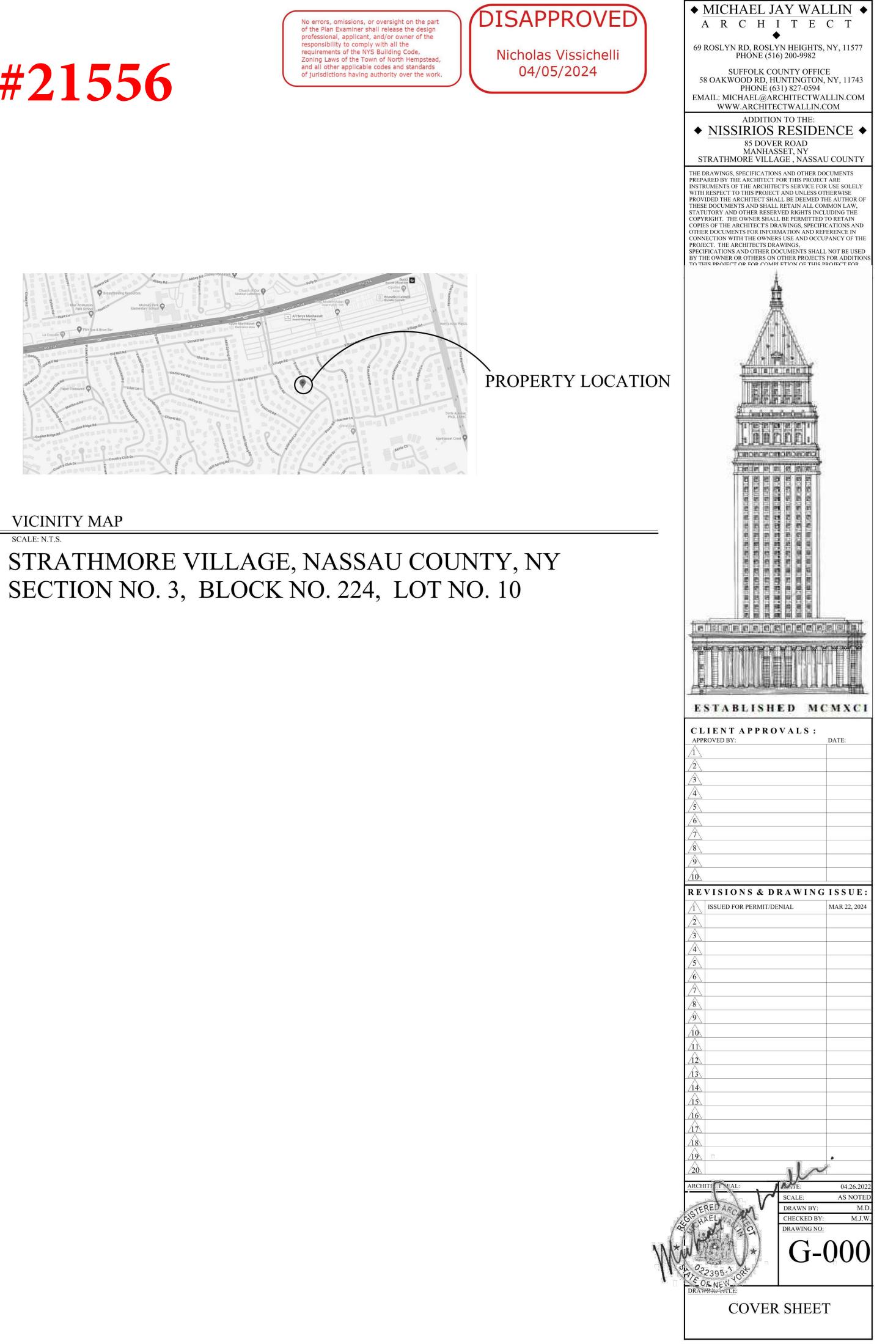
G-000	COVER SHEET
G-001	ZONING DATA
G-002	ARCHITECTURAL SITE PLAN
	SKY EXPOSURE DIAGRAMS
G-100	GENERAL NOTES
G-101	ZONING DIAGRAMS
G-102	ZONING DIAGRAMS
G-110	STRAPPING DETAILS
G-120	FRAMING DETAILS
G-130	FOUNDATION DETAILS
G-140	SEALING NOTES
A-100	FOUNDATION PLAN
A-101	FIRST FLOOR PLAN
A-102	SECOND FLOOR PLAN
A-200	BUILDING ELEVATIONS AND SECTION



VICINITY MAP

SCALE: N.T.S.

#21556



ADDITION TO THE: **NISSIRIOS RESIDENCE** 85 DOVER RD, TOWN OF NORTH HEMPSTEAD

TOWN OF NORTH HEMPSTEAD, NASSAU COUNTY, NY SECTION 3, BLOCK 224, LOT 10 ZONE RESIDENTIAL R-A LOT AREA: 11,027.9 SQ. FT./.03 ACRE

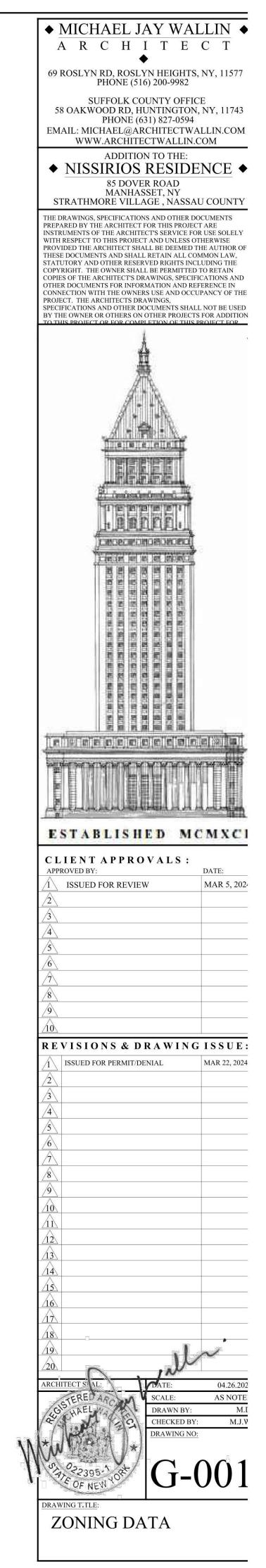
ZONING DATA

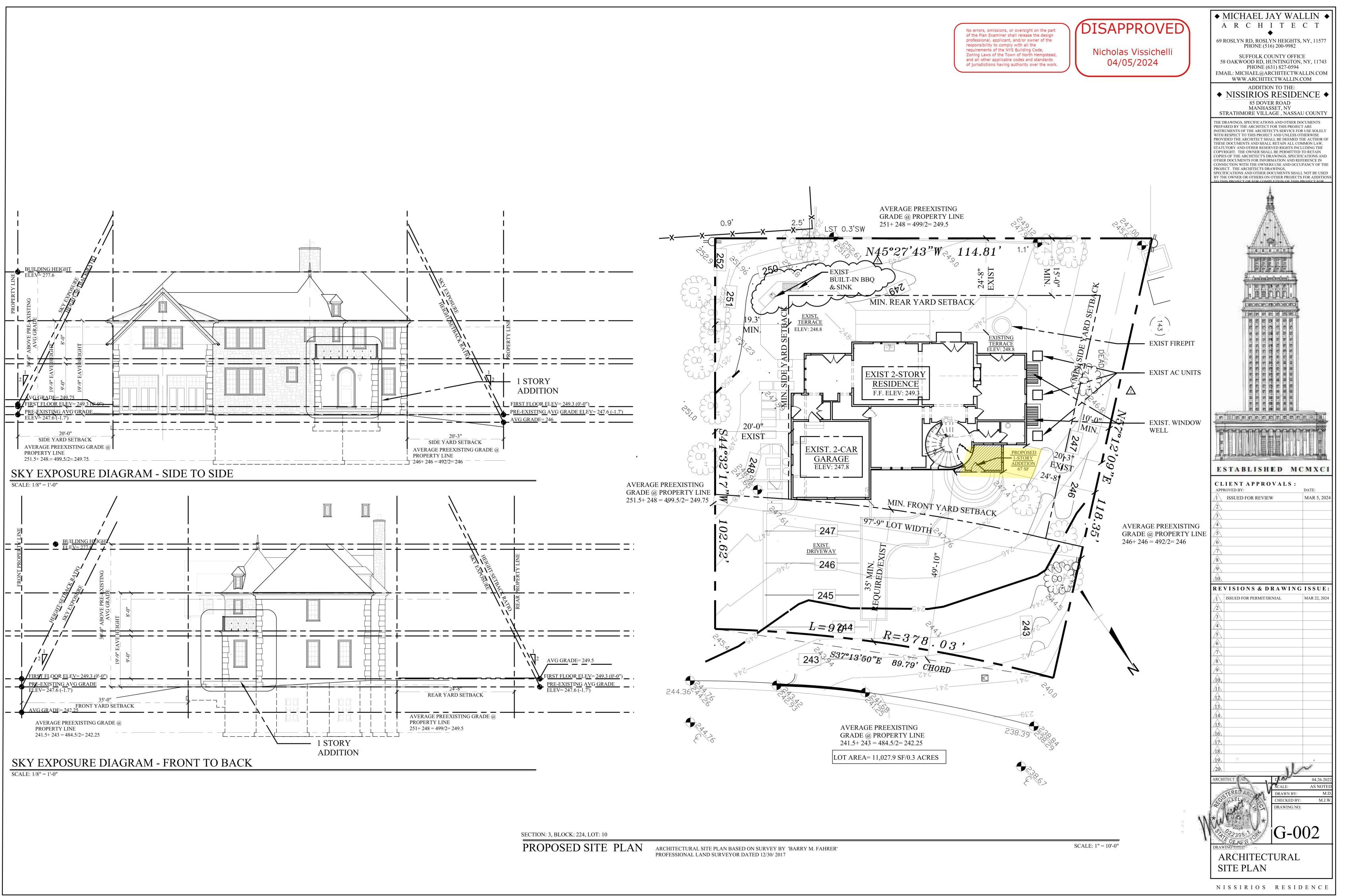
EQUIREMENT	TOWN DEFINITION [TC 70-231]	REQUIRED	PROPOSED
LOT AREA [TC 70-27.1]	THE AREA OF A LOT MEASURED WITHIN THE BOUNDARIES THEREOF.	8,500 sf MIN.	11,027.9 sf [EXISTING]
LOT COVERAGE [TC 70-28]	THE AREA OF THE MAXIMUM HORIZONTAL CROSS SECTION OF BUILDINGS ON A LOT, EXCLUDING CORNICES, EAVES, GUTTERS OR CHIMNEYS PROJECTING NOT MORE THAN 24 INCHES, STEPS, ONE-STORY OPEN PORCHES, BAY WINDOWS EXTENDING NOT MORE THAN ONE STORY AND PROJECTING NOT MORE THAN FIVE FEET, BALCONIES AND TERRACES.	25% [11,027.9 sf x .25 = 2756.9 sf]	18.8 % [2,078 sf / 11,027.9sf x 100] 2,011 sf FIRST FLOOR (EXIST) <u>67 sf PROPOSED</u> 2,078 SF TOTAL SEE G-101
GROSS FLOOR AREA [TC 70-29]	THE SUM OF THE GROSS HORIZONTAL AREA OF ALL FLOORS OR STORIES OF A DWELLING AS MEASURED TO THE OUTSIDE SURFACES OF STRUCTURAL WALLS AS WELL AS ATTACHED GARAGES, ENCLOSED PORCHES AND ROOFED PORCHES HAVING MORE THAN 50% OF THE PERIMETER ENCLOSED OR SCREENED AND BASEMENT AREAS WITH CEILING HEIGHTS IN EXCESS OF SEVEN FEET OR GREATER. BASEMENT AREAS WITH A MAXIMUM CEILING HEIGHT OF EIGHT FEET SHALL NOT BE INCLUDED IN THE GROSS FLOOR AREA IN ALL RESIDENTIAL BUILDING PERMIT APPLICATIONS OR AMENDMENTS SUBMITTED PRIOR TO DECEMBER 21,2007. ATTICS AND CELLARS SHALL BE EXCLUDED FROM THE GROSS FLOOR AREA. THE GROSS FLOOR AREA OF DETACHED GARAGES GREATER THAN 300sf SHALL BE INCLUDED IN THEIR ENTIRETY. GROSS FLOOR AREA IN DWELLINGS FOR AREAS EXCEEDING 10 FEET IN HEIGHT SHALL BE COUNTED AT 1.5 TIMES THE ACTUAL FLOOR AREA EXCEPT IN GARAGES.	- 36% LOT AREA [11,027.9sf x .36 = 3,970 sf] OR - 4,000 MAX.	EXISTING: 2,010.7 sf FIRST FLOOR 1,931 sf SECOND FLOOR 3941.7 sf / $35.7%$ TOTAL PROPOSED: FIRST FLOOR = 67 SF TOTAL = $4008.7/36.4\%$ VARIANCE REQUIRED, OVER BY 38.7 SF
HABITABLE FLOOR AREA [TC 70-29]	ROOMS OCCUPIABLE BY ONE OR MORE PERSONS FOR LIVING, EATING AND/OR SLEEPING, BUT NOT INCLUDING GARAGES, ATTICS, OPEN PORCHES OR TERRACES, OR ROOMS IN CELLARS. ON THE FIRST FLOOR IT SHALL BE CONSTRUED TO MEAN ALL FINISHED FLOOR AREAHAVING A CLEAR HEADROOM OF $7\frac{1}{2}$ FEET OR OVER, INCLUDING STAIRWELLS, ON ALL FLOORS ABOVE THE FIRST, IT SHALL INCLUDE ALL FINISHED OR UNFINISHED FLOOR AREA HAVING A CLEAR HEADROOM OF $7\frac{1}{2}$ FEET OR OVER FOR A MINIMUM HORIZONTAL MEASUREMENT OF SIX FEET, INCLUDING ALL FLOOR AREA WITH A HEIGHT OF $5\frac{1}{2}$ FEET OR GREATER.	1,400ft MIN.	SEE G-101 FLOOR AREA DIAGRAM EXISTING: 1,500 sf FIRST FLOOR <u>1685 sf SECOND FLOOR</u> 3,185 sf TOTAL PROPOSED: FIRST FLOOR = 67 SF TOTAL 3,252 SF
FRONT YARD [TC 70-30 ; TC 70-20]	A YARD ACROSS THE FULL WIDTH OF THE LOT EXTENDING FROM THE FRONT LINE OF THE BUILDING TO THE FRONT LINE OF THE LOT MEASURED BETWEEN THE PROPERTY LINES.	35ft MIN. OR THE AVERAGE FRONT YARD DEPTH OF THE EXISTING PRIMARY BUILDINGS WITHIN 200ft ON EACH SIDE ON THE SAME SIDE OF THE STREET [34.33FT] WHICHEVER IS GREATER.	10
SIDE YARD [TC 70-31 ; TC 70-21]	A YARD BETWEEN THE SIDE OF THE BUILDING AND THE CORRESPONDING SIDE LINE OF THE LOT AND EXTENDING FROM THE FRONT LOT LINE TO THE REAR LOT LINE IN THE CASE OF A SINGLE BUILDING ON THE FRONT PORTION OF THE LOT. IN THE CASE OF A REAR BUILDING ON THE BACK PORTION OF THE LOT, THE SIDE YARD SHALL BE THE YARD BETWEEN THE SIDE OF SAID REAR BUILDING AND THE CORRESPONDING SIDE LINE OF THE LOT AND EXTENDING FROM THE FRONT FACE OF SAID REAR BUILDING TO THE REAR LINE OF THE LOT.	AGGREGATE MIN. 30% WIDTH OF LOT BUT IN NO CASE SHALL ANY SIDE YARD BE LESS THAN THAN 10ft IN WIDTH. 97.75x.30= 29.3 19.3' 10'-0"	20'-0" 20'-3" 40'-3" (AGGREGATE)
REAR YARD [TC 70-32 ; TC 70-22]	A YARD ACROSS THE FULL WIDTH OF THE LOT EXTENDING FROM THE REAR LINE OF THE BUILDING TO THE REAR LINE OF THE LOT MEASURED BETWEEN THE SIDE PROPERTY LINES.	15ft MIN.	24'-8"
BUILDING HEIGHT [TC 70-16]	THE VERTICAL DISTANCE MEASURED FROM THE AVERAGE LEVEL OF THE PREEXISTING GRADE AT THE PERIMETER OF THE BUILDING TO HIGHEST POINT OF THE ROOF.	-30ft MAX. -2 $\frac{1}{2}$ STORIES	277.6' (30'-0" ABOVE 247.6')
EAVE HEIGHT [TC 70-22.7]	THE TOP OF THE UPPERMOST WALL PLATE, AS MEASURED FROM THE AVERAGE LEVEL OF THE PREEXISTING GRADE AT THE PERIMETER OF THE BUILDING.	-22ft MAX.	19'-9"
FRONT YARD PAVING [TC 70-22.6]	PAVING IN FRONT YARD.	40% MAX. 4,376 SF x .40= 1,750 SF	(32%) 1,476 SF SEE 4/G-102
REAR YARD PAVING	PAVING IN REAR YARD.	40% MAX. 3,252 SF x .40= 1,300.8 SF	(22.9%) 747 SF SEE 5/G-102
PREEXISTING AVERAGE GRADE [SEE DIAGRAM]	THE ELEVATION OF THE LAND PRIOR TO COMMENCEMENT OF ANY ALTERATION, GRADING OR CONSTRUCTION AT THE PREMISES.	N/A	247.6' SEE SURVEY BY 'BARRY M. FAHRI
SKY EXPOSURE PLANE [TC 70-22.3] [SEE DIAGRAM]	A THEORETICAL INCLINED PLANE THROUGH WHICH NO PORTION OF A BUILDING, OTHER THAN CORNICES OR EAVES PROJECTICING NO MORE THAN 18 INCHES, GUTTERS PROJECTING NOT MORE THAN EIGHT INCHES AND CHIMNEYS, MAY PENETRATE. IT BEGINS AT A LOT LINE OR OTHER PREDETERMINED PLANE AND RISES OVER THE ZONING LOT AT A RATIO OF VERTICAL DISTANCE TO HORIZONTAL DISTANCE AS SET FORTH IN THE DISTRICT REGULATIONS.	2:1 (FRONT AND SIDE)	N/A
LOT WIDTH [TC 70-17.1]	THE MEAN WIDTH MEASURED AT RIGHT ANGLES TO ITS DEPTH.	 -65ft MIN. AT SETBACK LINE OR SHALL BE SAME AS AVERAGE LOT WIDTH OF EXISTING LOTS WITHIN 200ft EACH SIDE OF LOT WITHIN THE SAME DISTRICT WHICHEVER IS GREATER - MIN. WIDTH OF LOT SHALL NOT BE REQUIRED TO BE MORE THAN 100ft -40ft MIN. AT ALL OTHER POINTS 	97'-9" SEE 2/G-102

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

Nicholas Vissichelli 04/05/2024





2020 INTERNATIONAL RESIDENTIAL CODE

GENERAL REQUIREMENTS

NO WORK IS TO BE STARTED UNTIL EVIDENCE OF WORKERS' COMPENSATION INSURANCE AND DISABILITY BENEFITS COVERAGE IS FILED AS REQUIRED BE SECTIONS 57 AND 220 SUBD. 8 OF THE WORKERS' COMPENSATION LAW OF THE STATE OF NEW YORK. A FINAL SURVEY MUST BE SUBMITTED AT COMPLETION OF JOB. AN ELECTRICAL UNDERWRITERS CERTIFICATE MUST BE SUBMITTED AT THE

COMPLETION OF THE JOB. BUILDING INSPECTOR TO BE NOTIFIED AT VARIOUS STAGES OF THE WORK

AS PRESCRIBED BY GOVERNING JURISDICTION. NO FOOTINGS PLACED OR DRY WELLS COVERED UNTIL APPROVED BY INSPECTOR.

BUILDING PLANNING

DESIGN CRITERIA

CONSTRUCTION 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:

- AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME
- CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (WFCM)
- ICC STANDARD FOR RESIDENTIAL CONSTRUCTION IN HIGH-WIND REGIONS (ICC 600).
- 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).
- INTERNATIONAL BUILDING CODE

ALL EXTERIOR WINDOWS AND GLASS DOORS SHALL BE DESIGNED TO RESIST THE DESIGN WIND LOADS SPECIFIED IN TABLE R301.2(2) ADJUSTED FOR HEIGHT AND EXPOSURE PER TABLE R301.2(3). UNITS SHALL BE TESTED BY AN APPROVED INDEPENDENT LABORATORY, AND BEAR A LABEL IDENTIFYING MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED INSPECTION AGENCY TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF AAMA/NWWDA 101/1.S.2. WINDOWS WITHIN THE WIND BORNE DEBRIS REGION WILL SHALL HAVE GLAZED OPENINGS PROTECTED FROM WIND-BORNE DEBRIS MEETING THE REQUIREMENTS OF THE LARGE MISSILE TEST OF ASTM E 1996 AND OF ASTM E 1886 REFERENCED THEREIN.

LIGHT, VENTILATION, & HEATING

INTERIOR BATHS TO BE PROVIDED WITH MECHANICAL VENTILATION AS PER R303.3. THE MINIMUM VENTILATION RATES SHALL BE 50 CFM FOR INTERMITTENT VENTILATION FOR AND 20 CFM FOR CONTINUOUS VENTILATION. VENTILATION AIR FROM THE SPACE SHALL BE EXHAUSTED DIRECTLY TO OUTSIDE.

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 (11 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.

FXCEPTION

1. A SWITCH IS NOT REQUIRED WHERE REMOTE, CENTRAL OR AUTOMATIC CONTROL OF LIGHTING IS PROVIDED. 2. 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 A BASEMENT FROM THE OUTDOOR GRADE LEVEL SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE LOCATED AT THE BOTTOM LANDING OF THE STAIRWAY.

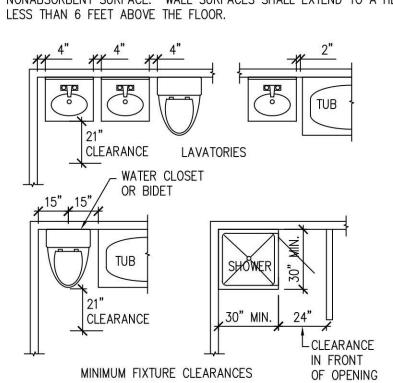
EXCEPTION: OWNER-OCCUPIED DWELLINGS NOT SUPPLIED WITH ELECTRICAL POWER IN ACCORDANCE WITH SECTION E3401.2.1.

WHERE THE WINTER DESIGN TEMPERATURE IN TABLE R301.2(1) IS BELOW 60°F (16°C). EVERY DWELLING UNIT INTENDED TO BE OCCUPIED BETWEEN SEPTEMBER 15 AND MAY 15 SHALL BE PROVIDED WITH HEATING FACILITIES CAPABLE OF MAINTAINING A MINIMUM ROOM TEMPERATURE OF 68°F (20°C) AT A POINT 3 FEET ABOVE THE FLOOR AND 2 FEET FROM EXTERIOR WALLS IN HABITABLE ROOMS AT THE DESIGN TEMPERATURE. THE INSTALLATION OF ONE OR MORE PORTABLE SPACE HEATERS SHALL NOT BE USED TO ACHIEVE COMPLIANCE WITH THIS SECTION

EXCEPTION: OWNER-OCCUPIED DWELLINGS SUBJECT TO THE APPROVAL OF THE CODE ENFORCEMENT OFFICIAL

TOILET. BATH & SHOWER SPACES ALL PLUMBING FIXTURES SHALL BE INSTALLED WITH CLEARANCES IN ACCORDANCE WITH SECTION R307, FIGURE R307.1 OF THE CODE.

BATHTUB AND SHOWER FLOORS AND WALLS ABOVE BATH TUBS INSTALLED WITH SHOWER HEADS AND IN SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NONABSORBENT SURFACE. WALL SURFACES SHALL EXTEND TO A HEIGHT OF NOT



GARAGES

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DWELLING-GARAGE SEPARATION						
SEPARATION	MATERIAL					
FROM THE RESIDENCE AND ATTIC	EQUIVALENT APPLIED TO THE GARAGE SIDE					
FROM HABITABLE ROOMS ABOVE THE GARAGE	NOT LESS THAN 5/8-INCH TYPE X GYPSUM BOARD OR EQUIVALENT					
STRUCTURE(S) SUPPORTING FLOOR/CEILING ASSEMBLIES USED FOR SEPARATION REQUIRED BY THIS SECTION						
GARAGES LOCATED LESS THAN 3 FEET FROM A DWELLING UNIT ON THE SAME LOT	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE INTERIOR SIDE OF EXTERIOR WALLS THAT ARE WITHIN THIS AREA					

TABLE R301.6

THE GARAGE FLOOR IS TO BE A NON-COMBUSTIBLE FLOORING SLOPED TO DRAIN OR TOWARD THE MAIN VEHICLE ENTRY DOORWAY PER R309.3.

EMERGENCY ESCAPE & 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 EMERGENCY ESCAPE 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. ALL EMERGENCY ESCAPES AND RESCUE OPENINGS SHALL BE IN ACCORDANCE WITH SECTION R310.

EMERGENCY AND ESCAPE RESCUE OPENINGS SHALL HAVE A NET CLEAR OPENING OF NOT LESS THAN 5.7 SQUARE FEET. THE NET CLEAR HEIGHT OPENING SHALL BE NOT LESS THAN 24 INCHES AND NET CLEAR WITH SHALL BE NOT LESS THAN 20 INCHES. MAXIMUM SILL HEIGHT SHALL BE NOT MORE THAN 44 INCHES 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

STAIRWAYS

STAIRWAYS SHALL COMPLY WITH SECTION R-311.7. STAIRWAYS SHALL NOT BE LESS THAN THIRTY-SIX (36") INCHES IN CLEAR WIDTH AT ALL POINTS ABOVE THE PERMITTED HANDRAIL HEIGHT AND BELOW THE REQUIRED HEADROOM HEIGHT. HANDRAILS SHALL NOT PROJECT MORE THAN FOUR AND ONE-HALF INCHES (4 1/2") ON EITHER SIDE OF THE STAIRWAY AND THE CLEAR WIDTH OF THE STAIRWAY AT AND BELOW THE HANDRAIL HEIGHT, INCLUDING TREADS AND LANDINGS,

SHALL BE NOT LESS THAN 31 1 INCHES. THE HEIGHT OF A RISER SHALL NOT EXCEED EIGHT AND ONE-QUARTER INCHES (8 1/4"), AND TREADS EXCLUSIVE OF NOSING, SHALL NOT BE LESS THAN NINE INCHES (11"). NOSINGS SHALL NOT BE LESS THAN THREE-QUARTERS INCH (3/4") NOR MORE THAN ONE AND ONE-QUARTER INCH (1 1/4"). THE RADIUS OF CURVATURE OF THE NOSING SHALL BE NOT GREATER THAN 욽 INCHES. LANDINGS SHALL NOT BE LESS THAN THE REQUIRED WIDTH OF THE STAIR.

HANDRAILS

PROVIDE HANDRAILS AT ALL STAIRS TO COMPLY WITH R311. HANDRAILS SHALL BE PROVIDED ON NOT LESS THAN ONE SIDE OF EACH CONTINUOUS RUN OF TREADS OR FLIGHT WITH FOUR OR MORE RISERS. HANDRAIL HEIGHT, MEASURED VERTICALLY FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING, OR FINISH SURFACE OF RAMP SLOPE, SHALL BE NOT LESS THAN 38 INCHES.

EXCEPTIONS

1. THE USE OF A VOLUTE, TURNOUT OR STARTING EASING SHALL BE ALLOWED

OVER THE LOWEST TREAD. WHERE HANDRAIL FITTINGS OR BENDINGS ARE USED TO PROVIDE CONTINUOUS TRANSITION AT WINDER TREADS, THE TRANSITION FROM HANDRAIL TO GUARD, OR USED AT THE START OF A FLIGHT. THE HANDRAIL HEIGHT AT THE FITTING OR BENDINGS SHALL BE PERMITTED TO EXCEED 38 INCHES. GUARDS

PROVIDE GUARDS AT ALL PORCHES, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30 INCHES ABOVE THE FLOOR OR GRADE BELOW AS PER SECTION R312.

SMOKE ALARMS

PROVIDE SMOKE ALARMS AS PER SECTION R314. UNITS SHALL BE HARD WIRED WITH BATTERY BACKUP. WHERE WORK IS PERFORMED IN AN EXISTING SPACE WHERE ACCESS FOR WIRING IS NOT PRACTICAL, BATTERY OPERATED UNITS MAY BE INSTALLED WITHOUT WIRING.

FLAME SPREAD AND SMOKE DENSITY

ALL WALL AND CEILING FINISHES SHALL HAVE A FLAME-SPEAD CLASSIFICATION OF NOT GREATER THAN THAN TWO HUNDRED (200) AS PER SECTION R302. ALL INSULATION MATERIALS TO COMPLY WITH SECTION R302

(3,000 P.S.F. BEARING CAPACITY OF SOIL.)

FOUNDATIONS

SLOPE GROUND AROUND FOUNDATIONS AS PER R401.3. THE GRADE ADJOINING ALL FOUNDATION WALLS SHALL BE SLOPED AT A MINIMUM OF SIX INCHES (6") WITHIN THE FIRST TEN FOOT (10'-0") DISTANCE FROM THE WALL.

EXCEPTION: WHERE LOT LINES, WALLS, SLOPES OR OTHER PHYSICAL BARRIERS PROHIBIT 6 INCHES OF FALL WITHIN 10 FEET, DRAINS OR SWALES SHALL BE CONSTRUCTED TO ENSURE DRAINAGE AWAY FROM THE STRUCTURE. IMPERVIOUS SURFACES WITHIN 10 FEET OF THE BUILDING FOUNDATION SHALL BE SLOPED A MINIMUM OF 2 PERCENT AWAY FROM THE BUILDING

DIFFERENCES IN FOOTING LEVELS ARE TO BE STEPPED UP OR DOWN AT A 10 PERCENT SLOPE. THE TOP OF THE FOOTING SHALL BE INSTALLED LEVEL. THE BOTTOM OF FOOTINGS MAY BE SLOPED PROVIDED THE SLOPE DOES NOT EXCEED A ONE FOOT (1'-O") VERTICAL TO TEN FOOT (10') HORIZONTAL SLOPE.

FOUNDATION WALL TO EXTEND A MINIMUM OF 6" ABOVE FINISHED ADJACENT GRADE (4" MINIMUM WHERE MASONRY VENEER IS USED) AS PER R404.1.6.

PROVIDE FOUNDATION WATERPROOFING/DAMPPROOFING AS PER R406.3.2 AND A MIN 2" FOAM BOARD INSULATION BELOW THE SLAB AS WELL AS A MINIMUM OF 6 MIL THICK POLYETHYLENE FILM SHALL BE APPLIED OVER THE BELOW GRADE

PORTION OF THE EXTERIOR FOUNDATION'S WALL PRIOR TO BACKFILLING. WHERE WALLS ARE POURED TO GRADE, AND DAMPPROOFED, THE CONTRACTOR SHALL BACKFILL AGAINST THEM WITH CLEAN EARTH. CARE SHALL BE TAKEN TO BRACE WALLS

AS REQUIRED TO PREVENT CAVING. BACKFILL TO BE FREE OF WOOD, CONSTRUCTION

DRILLING AND NOTCHING OF EXTERIOR WALLS AND BEARING PARTITIONS SHALL COMPLY WITH SECTION R602.6. DRILLING AND NOTCHING OF TOP PLATE SHALL COMPLY WITH SECTION R602.6.1.

PROVIDE FIREBLOCKING AS PER SECTION R302.11

ALL HEADERS, TRIMMERS AND BEAMS RUNNING PARALLEL TO AND UNDER PARTIONS SHALL BE DOUBLED.

BRICK IN CHIMNEY WILL BE BONDED WITH A FULL HEADER EVERY SEVENTH COURSE BRICK OR STONE VENEER TO ANCHORED TO FRAME WALL WITH 22 GAGE x 7/8" GALVANIZED BRICK TIES @ 2'-0" O.C. HORIZONTALLY AND VERTICALLY.

ROOF-CEILING CONSTRUCTION

PROVIDE ROOF VENTS PROTECTED AGAINST THE ENTRANCE OF RAIN OR SNOW. VENTILATION OPENINGS SHALL BE PROVIDED w/CORROSION-RESISTANT WIRE MESH, w/ 1/16" MIN. TO 1/4" MAX. OPENINGS. THE TOTAL NET FREE VENTILATING AREA SHALL NOT BE LESS THAN 1 TO 150 OF THE AREA OF THE SPACE VENTILATED. WHERE EAVE OR CORNICE VENTS ARE INSTALLED, INSULATION SHALL NOT BLOCK THE FREE FLOW OF AIR. A MIN. OF 1" SPACE SHALL BE PROVIDED BETWEEN THE INSULATION AND THE ROOF SHEATHING AT THE LOCATION OF THE VENT.

ENERGY EFFICIENCY

ALL HEATING AND AIR CONDITIONING EQUIPMENT SHALL PERFORM IN ACCORDANCE WITH TABLE N1103.6.1 OF THE CODE.

ALL HVAC PIPING SHALL INSULATED IN ACCORDANCE WITH TABLE N1102.4.1.1. DOMESTIC HOT WATER HEATING EQUIPMENT SHALL BE SUBJECT TO MINIMUM FEDERAL STANDARDS AS PER N1103.5.3.

NOT LESS THAN 75 PERCENT OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS OR NOT LESS THAN 75 PERCENT OF THE PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL CONTAIN ONLY HIGH-EFFICACY LAMPS.

EXCEPTION: LOW-VOLTAGE LIGHTING

MECHANICAL VENTILATION STSTEM FAN EFFICACT						
FAN LOCATION	AIR FLOW RATE MINIMUM (CFM)	MINIMUM EFFICACY (CFM/WATT)	AIR FLOW RATE MAXIMUM (CFM)			
RANGE HOODS	ANY	2.8 CFM/WATT	ANY			
IN-LINE FAN	ANY	2.8 CFM/WATT	ANY			
BATHROOM, UTILITY ROOM	10	1.4 CFM/WATT	<90			
BATHROOM, UTILITY ROOM	90	2.8 CFM/WATT	ANY			

TABLE R402.2 MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE							
	MINIMUM SPECIFI	ED COMPRESSIVE STRE	NGTH (F'c)				
TYPE OR LOCATIONS OF CONCRETE CONSTRUCTION	WEAT	HERING POTENTIAL					
	NEGLIGIBLE	MODERATE	SEVERE				
BASEMENT WALLS, FOUNDATIONS AND OTHER CONCRETE NOT EXPOSED TO THE WEATHER	2,500	2,500	2,500 °				
BASEMENT SLABS AND INTERIOR SLABS ON GRADE, EXCEPT GARAGE FLOOR SLABS	2,500	2,500	2,500 °				
BASEMENT WALLS, FOUNDATION WALLS, EXTERIOR WALLS AND OTHER VERTICAL CONCRETE WORK EXPOSED TO WEATHER	2,500	3,000 ^d	3,000 ^d				
PORCHES, CARPORT SLABS AND STEPS EXPOSED TO THE WEATHER, AND GARAGE FLOOR SLABS	2,500	3,000 ^{d,e,f}	3,500 ^{e,f}				

FOR SI: 1 POUND PER SQUARE INCH = 6,895 kPa A. STRENGTH AT 28 DAYS PSI.

SEE TABLE R301.2(1) FOR WEATHERING POTENTI. CONCRETE IN THESE LOCATIONS THAT MAY BE SUBJECT TO FREEZING AND THAWING DURING CONSTRUCTION SHALL BE AIR-ENTRAINED CONCRETE IN ACCORDANCE WITH FOOTNOTE D.

D. CONCRETE SHALL BE AIR ENTRAINED. TOTAL AIR CONTENT (PERCENT BY VOLUME OF CONCRETE) SHALL NOT BE LESS THAN 5 PERCENT OR MORE THAN

E. SEE SECTION R402.2 FOR MINIMUM CEMENT CONTEN F. FOR GARAGE FLOORS WITH STEEL - TROWELED FINISH, REDUCTION OF THE TOTAL AIR CONTENT (PERCENT BY VOLUME OF CONCRETE) TO NOT LESS THAN 3 PERCENT IS PERMITTED IF THE SPECIFIED COMPRESSIVE STRENGTH OF THE CONCRETE IS INCREASED TO NOT LESS THAN 4,000 PSI

TABLE R301.5 2020 INTERNATIONAL RESIDENTIAL CODE MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS

(in pounds per square foot)

USE	LIVE LOAD
Exterior balconies	40
Decks	40
Passenger vehicle garages	50
Uninhabitable Attics without storage	10
Uninhabitable Attics with limited storage	20
Habitable Attics and Attics served with fixed stairs	40
Sleeping rooms	30
Stairs	40
Guardrails and handrails	200

TABLE R301.7 2020 INTERNATIONAL RESIDENTIAL CODE

ALLOWABLE DEFLECTION OF STRUCTURAL MEMEBERS			
STRUCTURAL MEMBER	ALLOWABLE DEFLECTION		
Rafters having slopes greater than 3:12 with no finished ceiling attached to rafters	L/180		
Interior walls and partitions	H/180		
Floors	L/360		
Ceilings w/ brittle finish (incl'g plaster & stucco)	L/360		
Ceilings w/ flexible finish (incl'g gypsum board)	L/240		
All other structural members	L/240		
Exterior walls with plaster of stucco finish	H/360		
Exterior walls - wind loads with brittle finishes	L/240		
Exterior walls - wind loads with flexible finishes	L/120		

GENERAL NOTES

- 1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE 2020 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2016 NYS SUPPLEMENT TO THE ENERGY CODE
- 2. ALL ELECTRICAL WORK TO BE DONE BY A LICENSED ELECTRICIAN AND COMPLY WTH STATE AND LOCAL CODES. ALL WIRING TO BE COPPER
- 3. ALL PLUMBING WORK TO BE DONE BY A LICENSED PLUMBER AND COMPLY WTH STATE AND LOCAL CODES.
- 4. ALL LUMBER, FASTENINGS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH THE 2020 INTERNATIONAL RESIDENTIAL CODE AND THE 2015 WOOD FRAME CONSTRUCTION MANUAL (WFCM) AND TO BE FURNISHED AND INSTALLED COMPLETE WITH ALL NECESSARY ANCHORS, BLOCKING, BRIDGING, SADDLES, HANGERS, ETC., REQUIRED TO COMPLETE WORK. ALL HARDWARE INCLUDING BUT NOT LIMITED TO ANCHORS, BLOCKING, BRIDGING, SADDLES AND HANGERS MUST BE INSTALLED IN ACCORDANCE WITH BUILDING CODE REQUIREMENTS. ALL STEEL BOLTS CONNECTING TO WOOD MEMBERS SHALL BE TIGHTENED AGAINST STEEL WASHERS OR PLATES.
- 5. ALL LUMBER DELIVERED AND STORED AT THE JOB SITE SHALL BE PROTECTED FROM THE WEATHER WITH A TARPAULIN OR HEAVY GAUGE PLASTIC. ALL WOOD MATERIAL SHALL BE STOCKPILED ON WOOD DUNNAGE IN RELATIVELY FLAT AND DRY AREAS. THE SAME PROTECTION SHALL BE PROVIDED FOR THE SHIPPING TRANSPORTATION AND INSTALLATION OF LUMBER.
- 6. ALL EXPOSED EXTERIOR DECK LUMBER AND ALL WOOD IN CONTACT WITH MASONRY OR STEEL SHALL BE ACQ TREATED WOOD. ALL EXTERIOR FASTENERS SHALL BE GALVANIZED OR NON-FERROUS.
- 7. ALL CONSTRUCTION DEBRIS AND EXCESS EXCAVATED MATERIAL TO BE PROPERLY DISPOSED OF AS PER GOVERNING JURISDICTIONS REQUIREMENTS.
- 8. AN DEVIATION FROM THESE CONSTRUCTION DOCUMENTS SHALL BE PROMPTLY REPORTED TO THE ARCHITECT IN WRITING PRIOR TO COMMENCEMENT OF SUCH WORK.
- 9. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. WRITTEN NOTES ON DRAWINGS TAKE PRECEDENCE OVER THESE SPECIFICATIONS.
- 10. PRECAUTIONARY MEASURES SHALL BE TAKEN TO PROTECT THE SAFETY OF WORKERS OCCUPANTS AND THE GENERAL PUBLIC IN ACCORDANCE WITH THE REGULATIONS OF THE GOVERNING JURISDICTION. THE ARCHITECT SHALL IN NO WAY BE RESPONSIBLE FOR SAFETY AT THE JOB SITE.
- 11. DO NOT IMPAIR INTEGRITY OF STRUCTURAL MEMBERS BY IMPROPER DRILLING OR CUTTING. ALL WORK SHALL BE ADEQUATELY BRACED UNTIL ALL PORTIONS OF THE BUILDING AFFECTING ITS STABILITY ARE IN PLACE AND SECURELY FASTENED. FOR SAFETY AT THE JOB SITE.
- 12. ALL NECESSARY CONDITIONS MUST BE MADE AND ALL POSSIBLE SHRINKAGE ALLOWED FOR. NEW AND EXISTING STRUCTURES SHALL BE FULLY CLOSED IN AND MAINTAINED AT 70 DEGREES. FOR A MINIMUM OF TWO WEEKS PRIOR TO INSTALLATION OF INTERIOR DRYWALL SPACKLE OF FINISHES. ADJUSTMENTS FOR SHRINKAGE AND WARPAGE SHALL BE MADE BY THE APPROPRIATE SUBCONTRACTOR FOR ONE YEAR AFTER SUBSTANTIAL COMPLETION.

SCHEDULE OF LOOSE LINTELS FOR MASONRY WALLS				
WALL THICK.	UNDER 4'-0" OPG.	4'-0" TO 8'-0" OPG.	8'-1" TO 12'-0" OPG.	
4"	(1) 4" x 3 1/2" x 5/16" STL ANGLE	(1) 4" x 3 1/2" x 3/8" STL ANGLE		
6"	(1) 5" x 3 1/2" x 5/16" STL ANGLE	: (1) 5" x 5" x 3/8" STL ANGLE	(1) 8" x 6" x 7/16" STL ANGLE	
8"	(2) 4" x 3" x 5/16" STL ANGLE	(2) 4" x 3" x 3/8" STL ANGLE	(2) 6" x 3 1/2" x 3/8" STL ANGL	
10"	(2) 6" x 4" x 5/16" STL ANGLE	(2) 6" x 4" x 3/8" STL ANGLE		
12"	5" x 5" x 5/16" STL ANGLE 6" x 4" x 5/16" STL ANGLE	5" x 5" x 3/8" STL ANGLE 6" x 4" x 3/8" STL ANGLE		

TABLE R403.6.1 MECHANICAL VENTILATION SYSTEM FAN FEFICACY

THE BUILDING THERMAL ENVELOPE SHALL BE CONSTRUCTED TO LIMIT AIR LEAKAGE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION R402.4.1 THROUGH R402.4.5. MECHANICAL SYSTEMS

ALL HEATING. VENTILATING AND AIR CONDITIONING SYSTEMS AND WORK SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTERS 13 THROUGH 24 OF THE 2020 INTERNATIONAL RESIDENTIAL CODE. ALL LOCAL RULES AND REGULATIONS AND AS SPECIFIED BY THE LATEST EDTION OF THE NATIONAL FIRE PROTECTION ASSOCIATION.

ALL MECHANICAL SYSTEMS, EQUIPMENT, APPLIANCES, ETC. MUST BE LISTED AND LABELED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS, LISTING/LABEL AND THE CODE.

ALL FUEL, GAS SPACE HEATING APPLIANCES IN RESIDENTIAL BUILDINGS SHALL BE EQUIPPED WITH A FLAME SAFEGUARD DEVICE WHICH WILL SHUT OFF THE FUEL SUPPLY TO THE BURNER WHEN THE FLAME OR PILOT LIGHT IS EXTINGUISHED.

PLUMBING

AIR LEAKAGE

ALL PLUMBING SYSTEMS AND WORK SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTERS 25 THROUGH 33 OF THE 2020 INTERNATIONAL RESIDENTIAL CODE. AND ALL LOCAL RULES AND REGULATIONS.

THE ENTIRE PLUMBING SYSTEM SHALL BE TESTED IN ACCORDANCE WITH SECTION P2503.

PIPING SHALL BE INSTALLED IN TRENCHES SO THAT THE PIPING RESTS ON SOLID AND CONTINUOUS BEARING.

A SOIL OR WASTE PIPE, OR BUILDING DRAIN PASSING UNDER A FOOTING OR THROUGH A FOUNDATION WALL SHALL BE PROVIDED WITH A RELIEVING ARCH: OR THERE SHALL BE BUILT INTO THE MASONRY WALL A PIPE SLEEVE TWO PIPE SIZES GREATER THAN THE PIPE PASSING THROUGH.

ALL CONNECTIONS TO THE POTABLE WATER SHALL CONFORM TO SECTIONS P2902.4.1 THROUGH P2902.4.5.

SHOWERS AND TUB/SHOWERS COMBINATIONS SHALL BE EQUIPPED WITH CONTROL VALVES OF THE PRESSURE BALANCE, THE THERMOSTATIC MIXING OR THE COMBINATION PRESSURE BALANCE/THERMOSTATIC MIXING VALVES TYPES WITH HIGH LIMIT STOPS.

SEPARATE SHUTOFF VALVES WILL BE PROVIDED FOR EACH BATHROOM AND KITCHEN.

THE WATER SUPPLY FOR DISHWASHERS SHALL BE PROTECTED BY AN AIR GAP OR INTEGRAL BACK FLOW PREVENTER.

THE DISCHARGE FROM CLOTHES WASHING MACHINES SHALL BE THROUGH AN AIR BREAK.

THE MAXIMUM WATER CONSUMPTION FLOW RATES AND QUANTITIES FOR ALL PLUMBING FIXTURES AND FIXTURE FITTINGS SHALL BE IN ACCORDANCE WITH TABLE P2903.2.

ALL POTABLE WATER OPENINGS AND OUTLETS SHALL BE PROTECTED BY AN AIR GAP, ATMOSPHERIC TYPE VACUUM BREAKER, PRESSURE TYPE VACUUM BREAKER OR HOSE CONNECTION BACK FLOW PREVENTER.

SANITARY DRAINAGE

DRAIN, WASTE AND VENT PIPING AND FITTING MATERIALS SHALL COMPLY WITH TABLE P3002.1.

BUILDING SEWER PIPING AND FITTINGS MATERIALS SHALL COMPLY WITH

ELECTRICAL

TABLE P3002.2.

ALL ELECTRICAL SYSTEMS AND WORK SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTERS 34 THROUGH 43 OF THE 2015 INTERNATIONAL RESIDENTIAL CODE AND ALL LOCAL RULES AND REGULATIONS.

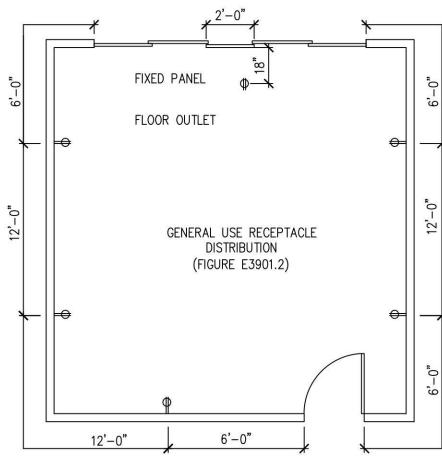
THE MINIMUM LOAD FOR UNDERGROUND SERVICE CONDUCTORS AND SERVICE DEVICES THAT SERVE ON HUNDRED PERCENT (100%) OF THE DWELLING UNIT LOAD SHALL BE COMPUTED IN ACCORDANCE WITH TABLE E3602.2.

WIRING METHODS SHALL BE IN ACCORDANCE WITH TABLE E3801.2. ALLOWABLE APPLICATIONS FOR WIRING METHODS SHALL BE IN ACCORDANCE WITH TABLE 3801.4. GENERAL INSTALLATION AND SUPPORT REQUIREMENTS FOR WIRING METHODS SHALL BE IN ACCORDANCE WITH TABLE E3802.1.

ALL BATH, TOILET, KITCHEN AND GARAGE OUTLETS SHALL BE GROUND-FAULT INTERRUPTER PROTECTION APPROVED DEVICES.

RECEPTACLE OUTLETS SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS E3901.2 THROUGH E3901.12.

RECEPTACLE SPACING SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN SIX FEET (6') MEASURED HORIZONTALLY FROM AN OUTLET IN THAT SPACE.



Frost Line professional applicant, and Designer of the ment Depth requirements of the NYS Building Code, To more the soft of the Town of North Hempstead, and all other stight and of Standards VES as per	1		DISAPPROVED
Frost Line Depth Professional applicant, and Designer of the ment Prood Hazards Tempoitebility Decomply with empte required Prood Hazards requirements of the NYS Building Code, Provide A Constrained A Constrain	CT TO DAN		
z' o" Moderate Slightable cries 201 Etandartis VES as per	Frost Lin Depth	e professional applicant, and/Designer of the ment	Hazards
	3'-0"	and all other abducable codes and standards VEC	

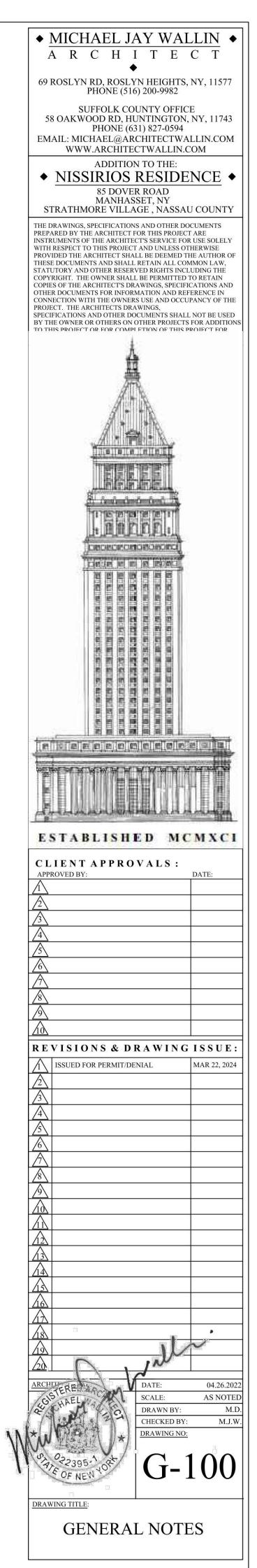
STRUCTURAL NOTES

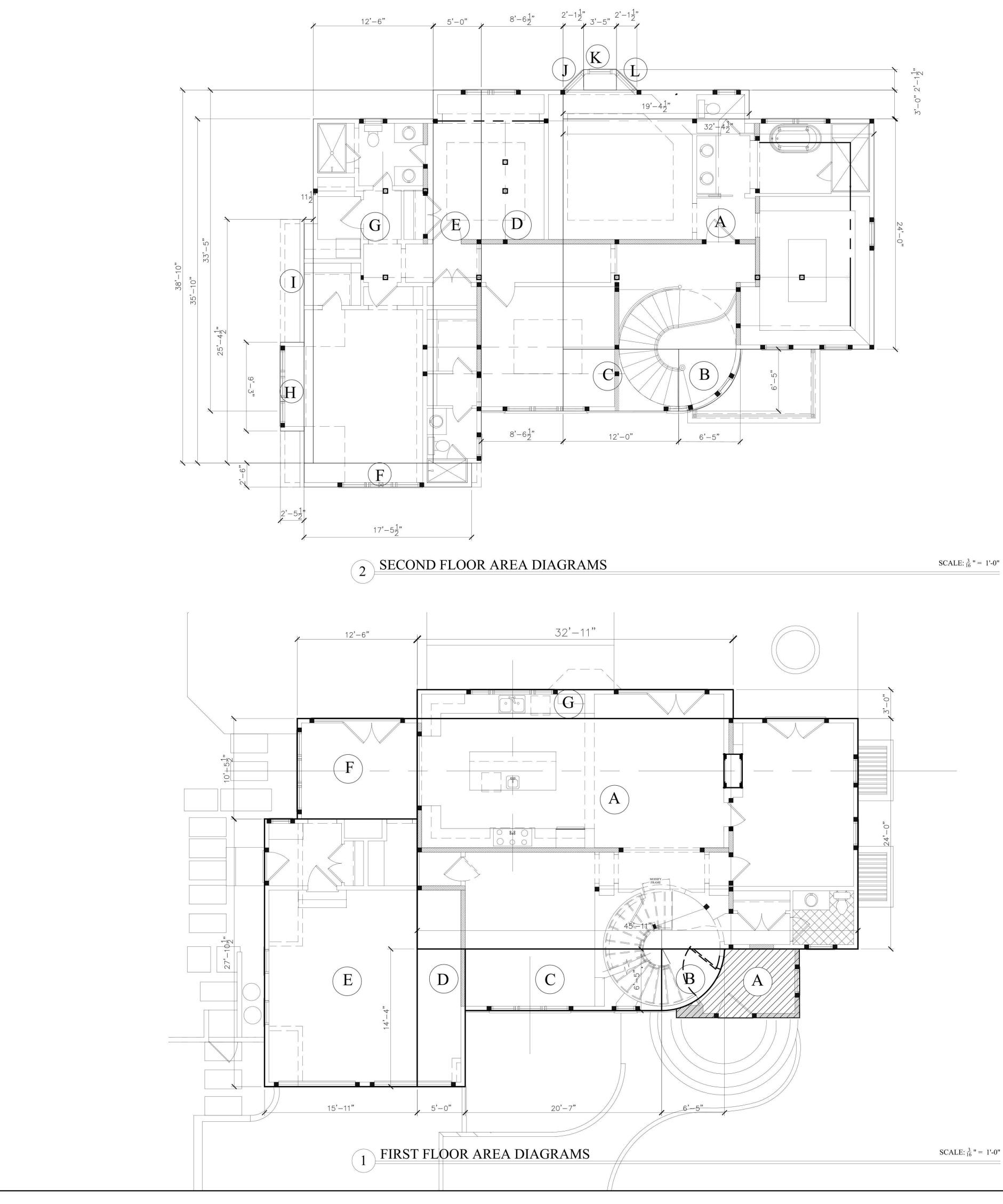
- 1. ALL STRUCTURAL LUMBER TO BE DOUG FIR NO. 2 OR BETTER Fb SINGLE = 900 PSI, E = 1,300,000 PSI.
- 2. ALL LVL'S TO BE TRUSJOIST MACMILLON OR EQUAL. Fb = 2,600 PSI, E = 1,900,000 PSI. ARCHITECT MUST APPROVE ANY PRODUCT SUBSTITUTIONS PRIOR TO CONSTRUCTION. 3. ALL STRUCTURAL STEEL TO BE ASTM A36 GRADE. Fy = 36,000 PSI,
- E = 29,000,000 PSI. 4. ALL STEEL TO BE INSTALLED IN ACCORDANCE WITH AISC CODES
- PRACTICES. ALL COLUMNS TO TOP PLATES AND BASE PLATES.BASE PLATES TO BE SET IN 1" MIN. HIGHT STRENCHT LEVELING GROUT WITH MINIMUM TWO 3/4" ANCHOR BOLTS. 5. DOUBLE ALL FLOOR FRAMING UNDER PARALLEL PARTITIONS AND
- AROUND ALL OPENINGS 6. PROVIDE "SIMPSON" TYPE CONNECTORS @ ALL FLUSH HEADERS
- 7. PROVIDE SOLID BRIDGING @ MID-SPAN OF ALL FLOOR JOISTS OVER 8'-0" IN LENGTH
- 8. PROVIDE SOLID BLOCKING UNDER ALL POSTS & COLUMNS & WALLS.
- 9. ALL STUDS TO BE FULL HEIGHT PLATE TO PLATE
- 10. ALL TRIPLE AND GREATER LVL STRUCTURAL MEMBERS TO BE THROUGH-BOLTED CONNECTIONS, BOLTS ARE TO BE ASTM STANDARD A307 (MACHINE BOLTS). BOLT HOLES ARE TO BE SAME DIAMETER AS THE BOLT AND LOCATED 2" FROM THE TOP BOTTOM OF THE MEMBER. USE 2 ROWS 1/2' BOLTS @ 12" O.C. STAGGERED.
- 11. NO HOLES BY ANY TRADE IN MICROLAMS AND LVL'S.
- 12. ALL FLOOR JOISTS TO BE TRUSJOIST TJI 360 OR 560 SERIES, VERIFY w/ MANUFACTURER. FOLLOW ALL MANUFACTURES' DETAILS FOR INSTALLATION.
- 13. ALL FRAMING TO HAVE CONTINUOUS PATH TIE-DOWNS TO THE FOUNDATION, AS PER THE 2015 INTERNATIONAL RESIDENTIAL CODE & 2015 WOOD FRAME CONSTRUCTION MANUAL.
- 14. ALL HEADERS TO BE (2) 2x10 UNLESS OTHERWISE NOTED.

FOUNDATION NOTES

- 1. ALL FOOTINGS SHALL BEAR UPON UNDISTURBED SOIL, MINIMUM 3'-0" BELOW FINISH GRADE, HAVING AN ASSUMED BEARING CAPACITY OF 3,000 P.S.F. BEARING CAPACITY OF SOIL TO BE VERIFIED BY THE CONTRACTOR PRIOR TO PLACEMENT OF FOOTINGS.
- 2. CONTRACTOR IS TO VERIFY ALL FIELD CONDITIONS PRIOR TO BEGINNING OF CONSTRUCTION AND IS TO REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
- 3. ALL CONSTRUCTIN WILL CONFORM TO ALL STATE AND LOCAL CODES, LATEST EDITIONS.
- 4. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE'S "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", ACI 318-99.
- 5. ALL MASONRY WORK SHALL CONFORM WITH "NATIONAL CONCRETE MASONRY ASSOCIATION STANDARDS" LASTEST EDITION.
- 6. THE ULTIMATE COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS WILL BE (UNLESS OTHERWISE NOTED): FOUNDATION & FOOTINGS = 3,000 P.S.I.
 - SLABS = 3,500 P.S.I.
- 7. ALL CONCRETE SLABS WILL HAVE EXPANSION OR CONTROL JOINTS AS REQUIRED

)F	LOOSE	LINTELS	FOR	MASONRY	WALLS
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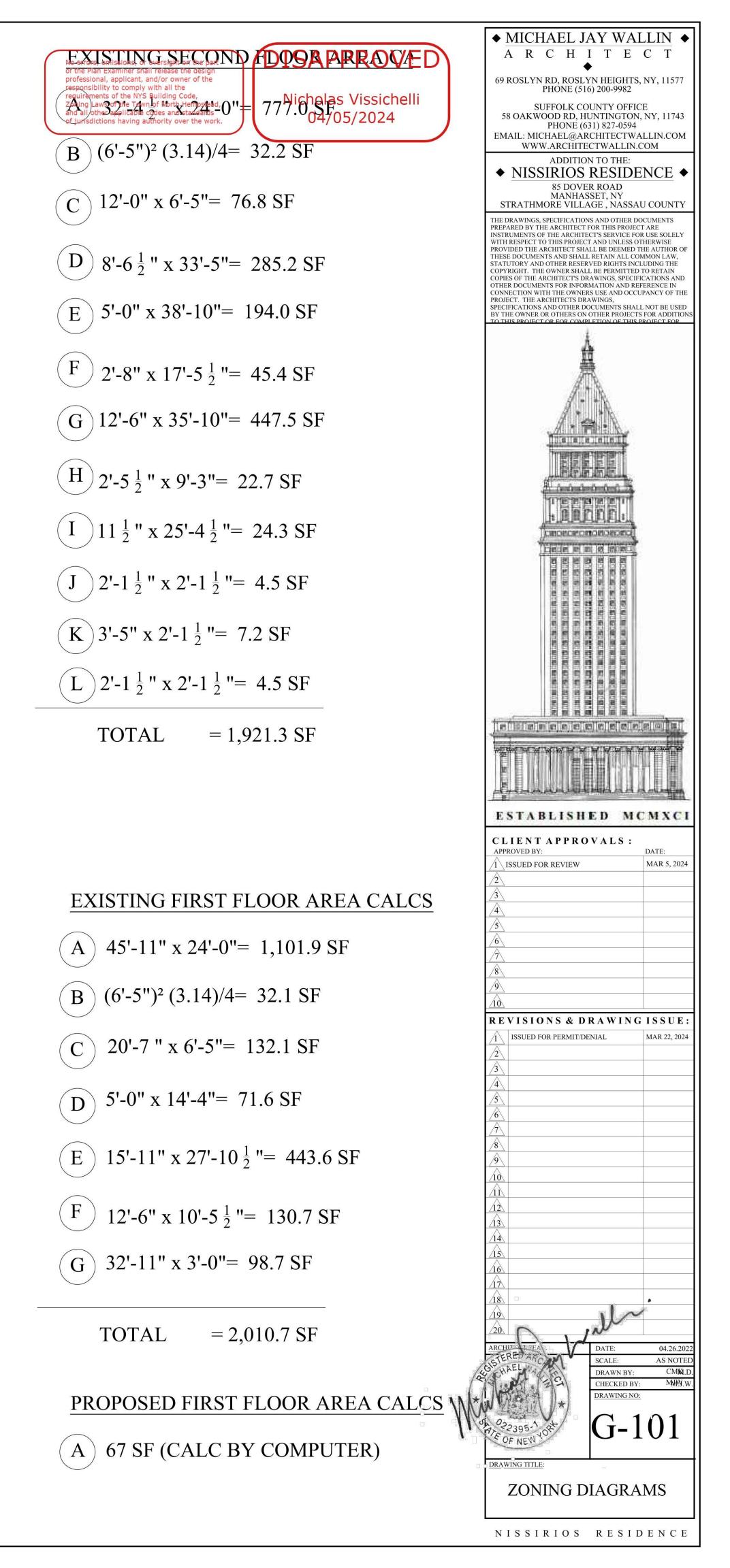


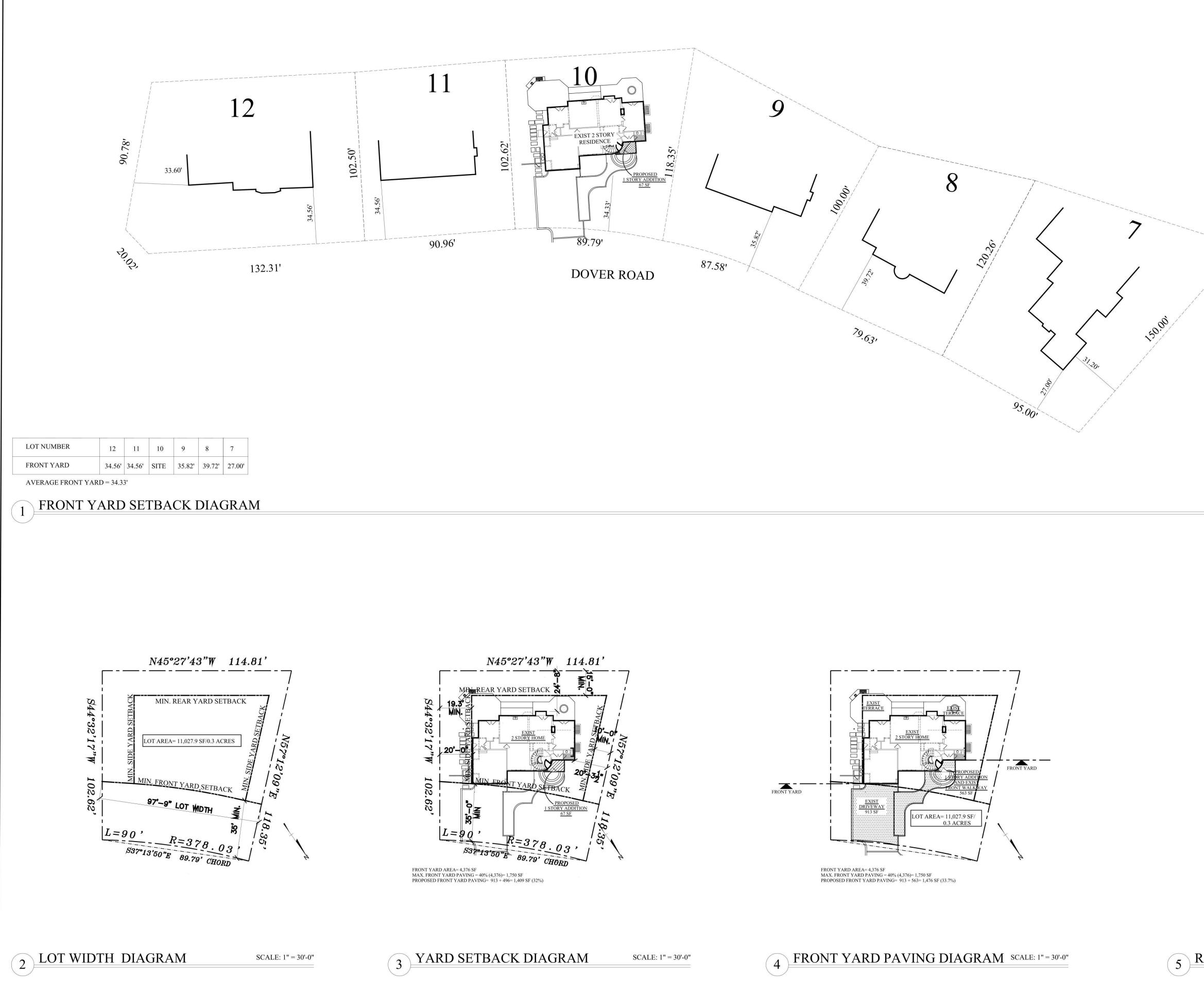


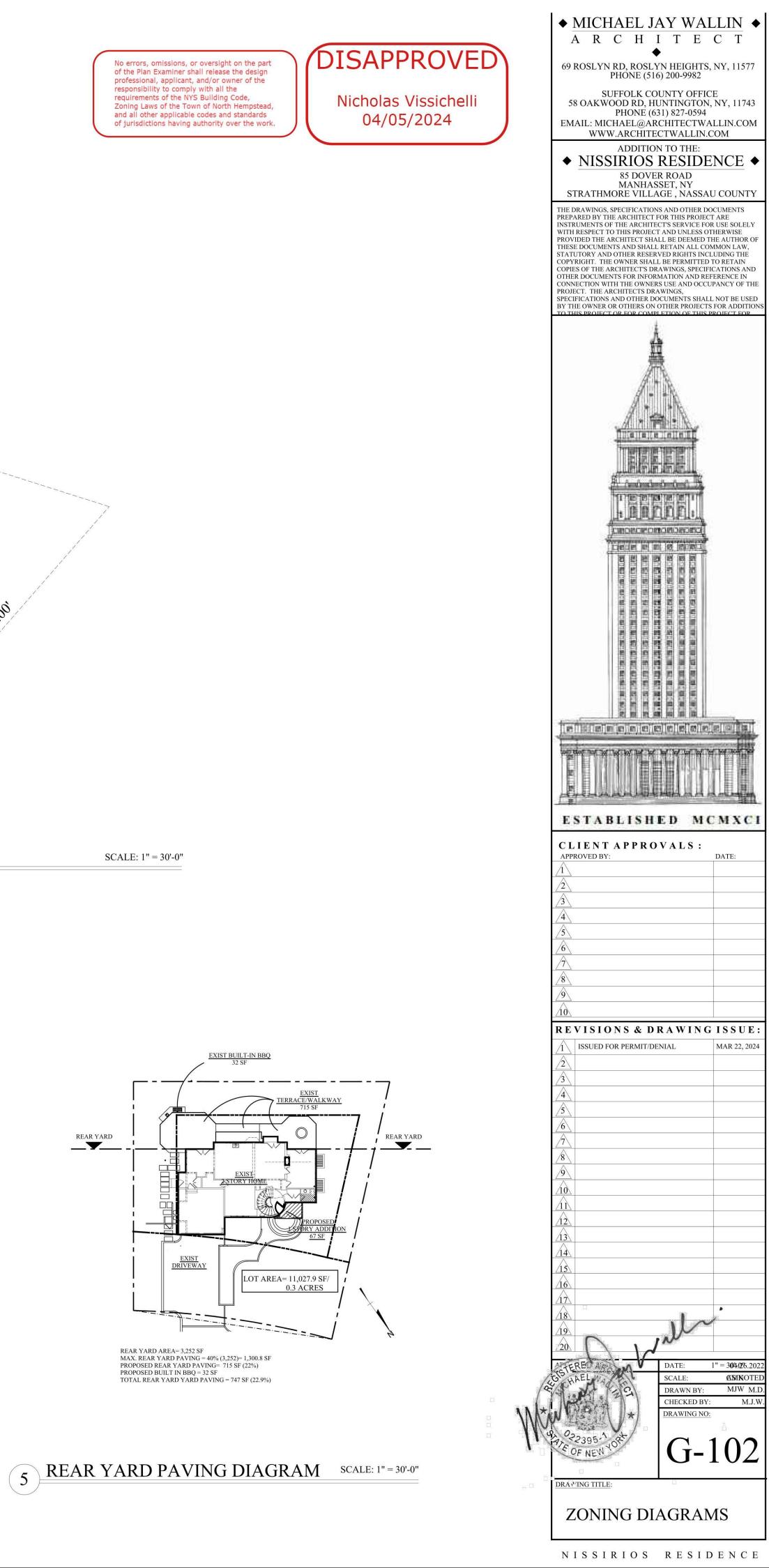
SCALE: $\frac{3}{16}$ " = 1'-0"











REAR YARD

DESCRIPTION OF BUILDING ELEMENTS	HEDULE NUMBER AND TYPE OF FASTENER	SPACIN LOCA	
ROOF FRAMIN BLOCKING CEILING JOISTS OR RAFTERS TO TOP PLATE	4-8d box (2 ¹ / ₂ x0.113") or	TOE N	NAIL
	3-8d common (2 ½"x0.131") or 3-10d box (3"x0.128") or 3-3"x0.131" nails	10.000, * .00	
CEILING JOIST TO TOP PLATE	4-8d box (2 ½"x0.113") or 3-8d common (2 ½"x0.131") or 3-10d box (3"x0.128") or	PER JO TOE N	
CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER	3-3"x0.131" nails 4-10d box (3"x0.128") or	FACE	NAIL
PARTITIONS	3-16d common (3 1"x0.162") or 4-3"x0.131" nails REF: Table R802.5.1 (9)	FACE	
COLLAR TIE TO RAFTER, FACE NAIL OR # X 20 GA. RIDGE	4-10d box (3"X0.128") or 3-10d common (3"x0.148") or	FACE NAI RAFT	L EACH
RAFTER OR ROOF TRUSS TO PLATE	4'-3"x0.131" nails 3-16d box nails (3 ¹ / ₂ "x0.135") or 3-10d common nails (3"x0.148")	2 TOE NAILS SIDE AND 1	TOE NA
	or 4—10d box (3"x0.128") or 4—3"x0.131" nails	ON OPPOS OF EACH R TRU:	AFTER O
	4-16 (3 ½"x0.135") or 3-10d common (3 ½"x0.162") or 4-10d box or	TOE N	NAIL
ROOF RAFTERS TO RIDGE, VALLEY OR HIP RAFTERS OR ROOF RAFTER TO MINIMUM 2" RIDGE BEAM	4-3"x0.131" nails 3-16d box (3 ¹ / ₂ "x0.135") or	END N	NAIL
	2-16d common (3 ½ x0.162") or 3-10d box (3"x0.128") or 3-3"x0.131" nails		
WALL FRAMIN	IG 16d common (3 ½x0.162")	24" 0.C. F.	ACF NAI
STUD TO STUD (NOT BRACED WALL PANELS)	10d box (3"x0.128") or 3"x0.131" nails	16" O.C. F	
STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	16d box (3 ½"x0.128") or 3"x0.131" nails	12" O.C. F	ACE NAII
0.000/06 10.000/07/07/07/07/07/07/07/07/07/07/07/07/	16d common (3 ¹ / ₂ "x0.162") 16d common (3 ¹ / ₂ "x0.162")	16" O.C. F	
BUILT-UP HEADER (2" TO 2" HEADER WITH $\frac{1}{2}$ " SPACER)	16d box(3 ¹ / ₂ "x0.135")	FACE 12" O.C. EA FACE	NAIL ACH EDG
CONTINUOUS HEADER TO STUD	5-8d box (2 ½ x0.113") or 4-8d common (2 ½ x0.131") or	TOE N	
TOP PLATE TO TOP PLATE	$\frac{4-10d \text{ box } (3"x0.128")}{16d \text{ common } (3 \frac{1}{2}"x0.162")}$	16" O.C. F.	
	10d box (3"x0.128") or 3"x0.131" nails	12" O.C. F	ACE NAII
DOUBLE TOP PLATE SPLICE FOR SDC3 $A-D_2$ with seismic braced wall line spacing <25'	8-16d common (3 ½"x0.162") or 12-16d box (3 ½"x0.135") or 12-10d box (3"x0.128") or	FACE NAIL SIDE OF EI	ND JOIN
DOUBLE TOP PLATE SPLICE SDCs D, D, D, D; AND BRACED	12-10d box (3 x0.126) or 12-3"x0.131" nails 12-16d (3 ½"x0.135")	(MINIMUM SPLICE LEN SIDE OF EN	24" LAP GTH EAC
WALL LINE SPACING <25'	16d common (3 ½"x0.162")	16" O.C. F	
BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST, OR BLOCKING (NOT AT BRACED WALL PANELS	16d box (3 ½ x0.128") or 3"x0.131" nails	12" 0.C. F	
BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST, OR BLOCKING (AT BRACED WALL PANELS)	3-16 box (3 ½ x0.135") or 2-16d common (3 ½ x0.162") or 4-3"x0.131" noils	(3) 16" o.c. (2) 16" o.c. (4) 16" o.c.	face n
	$4-8d$ box $(2 \frac{1}{2} \times 0.113^{"})$ or 3-16d box $(3 \frac{1}{2} \times 0.135^{"})$ or	(4) 16" o.c. TOE N	
	4-8d common (2 1" x 0.131") or 4-10d box (3"x0.128") or	IOE	NAIL
TOP PLATE OR BOTTOM PLATE TO STUD	4-3"x0.131" nails 3-16d box (3 1"x0.135") or		
	2—16d common (3 1"x0.162") or 3—10d box (3" x 0.128") or 4—3"x0.131" nails	END N	NAIL
TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	3-10d box (3"x0.128") or 2-16d common (3 ½"x0.162") or 3-3"x0.131" nails	FACE	NAIL
I" BRACE TO EACH STUD AND PLATE	3-8d box (2 ½"x0.113") or 2-8d common (2 ½"x0.131") or 2-10d box (3"x0.128") or	FACE	NAIL
	2 staples 1 ³ / ₄ " 3-8d box (2 ¹ / ₂ "x0.113") or		
1" X 6" SHEATHING TO EACH BEARING	2-8d common (2 ½"x0.131") or 2-10d box (3"x0.128") or 2 staples, 1"crown, 16ga., 1≩" long	FACE	NAIL
	3-8d box (2 ½"x0.113") or 2-8d common (2 ½"x0.131") or 3-10d box (3"x0.128") or		
	3−10d box (3"x0.128") or <u>2 staples, 1"crown, 16ga., 1</u> ¥" long Wider than 1"x8"	FACE	NAIL
TOP PLATE OR BOTTOM PLATE TO STUD	3-8d box (2 ½ x0.113") or 2-8d common (2 ½ x0.131") or 3-10d box (3"x0.128") or		
	3-10d box (3 x0.128) or		
	2 staples, 1"crown, 16ga., 1≩" long		
FLOOR FRAMI	2 staples, 1"crown, 16ga., 1‡" long NG 4-8d box (2 ½"x0.113") or		
FLOOR FRAMI	2 staples, 1"crown, 16ga., 1∄" long NG	TOE N	NAIL
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR	2 staples, 1"crown, 16ga., 1 ³ / ₄ " long NG 4-8d box (2 ¹ / ₂ "x0.113") or 3-8d common (2 ¹ / ₂ "x0.131") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ¹ / ₂ "x0.113") 8d common (2 ¹ / ₂ "x0.131") or	TOE № 4" O.C. TO	DE NAILS
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO)	2 staples, 1"crown, 16ga., 1 ³ / ₄ " long NG 4-8d box (2 ¹ / ₂ "x0.113") or 3-8d common (2 ¹ / ₃ "x0.131") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ¹ / ₂ "x0.113") 8d common (2 ¹ / ₃ "x0.131") or 10d box (3"x0.128" or 3"x0.131" nails	TOE N	DE NAILS
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO)	2 staples, 1"crown, 16ga., 1 ³ / ₄ " long NG 4-8d box (2 ¹ / ₂ "x0.113") or 3-8d common (2 ¹ / ₄ "x0.131") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ¹ / ₂ "x0.131") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d box (2 ¹ / ₂ "x0.113") or 2-8d common (2 ¹ / ₂ "x0.131") or 3-10d box (3"x0.128") or	TOE № 4" O.C. TO	de Nails De Nails
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST	2 staples, 1"crown, 16ga., 1 ³ / ₄ " long NG 4-8d box (2 ½"x0.113") or 3-8d common (2 ½"x0.13") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ½"x0.113") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d box (2 ½"x0.113") or 2-8d common (2 ½"x0.131") or 3-10d box (3"x0.128") or 2 staples, 1"crown, 16ga., 1 ¾"long 3-16d box (3 ½"x0.135") or	TOE N 4" O.C. TC 6" O.C. TC FACE BLIND	DE NAILS DE NAILS NAIL AND
	2 staples, 1"crown, 16ga., 1 ³ / ₄ " long NG 4-8d box (2 ½"x0.113") or 3-8d common (2 ½"x0.131") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ½"x0.131") 8d common (2 ½"x0.131") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d box (2 ½"x0.131") or 3-10d box (3"x0.128") or 2 staples, 1"crown, 16ga., 1 ¾"long 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.135") or	TOE N 4" O.C. TO 6" O.C. TO FACE	DE NAILS DE NAILS NAIL AND NAIL BEARING
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF)	2 staples, 1"crown, 16ga., 1 ³ / ₄ " long NG 4-8d box (2 ¹ / ₂ "x0.113") or 3-8d common (2 ¹ / ₄ "x0.131") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ¹ / ₂ "x0.131") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d box (2 ¹ / ₂ "x0.131") or 3-8d box (2 ¹ / ₂ "x0.131") or 3-10d box (3"x0.128") or 2 staples, 1"crown, 16ga., 1 ³ / ₄ "long 3-16d box (3 ¹ / ₂ "x0.135") or 2-16d common (3 ¹ / ₂ "x0.135") or 2-16d box (3 ¹ / ₂ "x0.135") or 2-16d common (3 ¹	TOE N 4" O.C. TC 6" O.C. TC FACE BLIND FACE AT EACH	DE NAILS DE NAILS NAIL AND NAIL BEARING NAIL
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF)	2 staples, 1"crown, 16ga., 1 ³ / ₄ " long NG 4-8d box (2 ½"x0.113") or 3-8d common (2 ½"x0.131") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ½"x0.131") 8d common (2 ½"x0.131") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d box (2 ½"x0.131") or 3-10d box (3"x0.128") or 2 staples, 1"crown, 16ga., 1 ¾"long 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.135") or	TOE N 4" O.C. TO 6" O.C. TO FACE BLIND FACE AT EACH FACE EACH	DE NAILS DE NAILS NAIL AND NAIL BEARING NAIL
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF)	2 staples, 1"crown, 16ga., 1¾" long NG 4-8d box (2 ½"x0.113") or 3-8d common (2 ¼"x0.131") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ½"x0.113") 8-d box (2 ½"x0.113") 8-d box (2 ½"x0.113") 8-d box (2 ½"x0.131") or 10d box (3"x0.128") or 3-8d box (2 ½"x0.113") or 2-8d common (2 ½"x0.131") or 3-8d box (2 ½"x0.113") or 2-8d common (2 ½"x0.128") or 2-16d box (3 ½"x0.128") or 2-16d common (3 ½"x0.162") 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") or 4-10d box (3"x0.128") or 4-10d box (3"x0.128") or 4-3"x0.131" nails or 4-3"x0.131" nails or 4-3"x0.131" nails or 4-3"x0.131" nails or	TOE N 4" O.C. TO 6" O.C. TO FACE BLIND FACE AT EACH FACE EACH follows: 32" and bottom of	DE NAILS DE NAILS NAIL AND NAIL BEARING NAIL NAIL Iayer as o.c. at and stag
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF) BAND OR RIM JOIST TO JOIST	2 staples, 1"crown, 16ga., 1¾" long NG 4-8d box (2 ½"x0.113") or 3-8d common (2 ¼"x0.131") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ½"x0.113") 8-d box (2 ½"x0.131") or 10d box (3"x0.128" or 3"-8d box (2 ½"x0.131") or 3-8d box (2 ½"x0.131") or 3-8d box (2 ½"x0.131") or 3-8d box (2 ½"x0.131") or 3-10d box (3"x0.128") or 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") 3-16d box (3 ½"x0.128") or 4-10d box (3"x0.128") or 4-10d box (3"x0.128") or 4-3"x0.131" nails or	TOE N 4" O.C. TC 6" O.C. TC FACE BLIND FACE BLIND FACE AT EACH FACE EACH noil each follows: 32"	DE NAILS DE NAILS NAIL AND NAIL BEARING NAIL NAIL NAIL Igyer as o.c. at and stag nail at taggeres
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF) BAND OR RIM JOIST TO JOIST	2 staples, 1"crown, 16ga., 1 ³ / ₄ " long NG 4-8d box (2 ½"x0.113") or 3-8d common (2 ½"x0.131") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ½"x0.131") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d box (2 ½"x0.131") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d box (2 ½"x0.131") or 10d box (3"x0.128") or 3-10d box (3"x0.135") or 2-16d common (2 ½"x0.135") or 2-16d common (3 ½"x0.155") or 2-16d common (3 ½"x0.162") 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") or 4-10d box (3 ½"x0.162") or 4-3"x0.131" nails or 4-3"x14ga. staples, 15 crown 20d common (4"x0.192") or 3"10d box (3"x0.128") or 3"x0.131" nails	TOE N 4" O.C. TO 6" O.C. TO FACE BLIND FACE AT EACH FACE AT EACH FACE EACH follows: 32" and bottom of 24" o.c. face	DE NAILS DE NAILS DE NAILS NAIL AND NAIL BEARING, NAIL NAIL Iayer as o.c. at and stag nail at taggerec o sides AT END
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF) BAND OR RIM JOIST TO JOIST	2 staples, 1"crown, 16ga., 1 ³ / ₄ " long NG 4-8d box (2 ½"x0.113") or 3-8d common (2 ⅓"x0.131") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ½"x0.131") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d box (2 ½"x0.131") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d box (2 ½"x0.131") or 10d box (3"x0.128") or 3-10d box (3 ½"x0.135") or 2-16d common (2 ½"x0.135") or 2-16d common (3 ½"x0.162") 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") or 4-10d box (3 ½"x0.162") or 4-10d box (3 ½"x0.162") or 4-3"x0.131" nails or 4-3"x0.131" nails or 10d box (3"x0.128") or 3"x0.131" nails And: 2-20d common (4"x0.192") or 3-10d box (3"x0.128") or	TOE N 4" O.C. TO 6" O.C. TO FACE BLIND FACE AT EACH TACE AT EACH I AT EACH J AT EACH J	DE NAILS DE NAILS NAIL AND NAIL BEARING, NAIL NAIL Iayer as o.c. at and stag nail at taggerec a sides AT END CH SPLIC
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) I" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF) BAND OR RIM JOIST TO JOIST BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS	2 staples, 1"crown, 16ga., 1 ³ / ₄ " long NG 4-8d box (2 ½"x0.113") or 3-10d box (3*x0.128") or 3-3*x0.131" nails 8-d box (2 ½"x0.113") or 10d box (3*x0.128" or 3*x0.131" nails 8-d box (2 ½"x0.113") or 10d box (3*x0.128" or 3*x0.131" nails 3-8d box (2 ½"x0.113") or 10d box (3*x0.128" or 3-10d box (3*x0.113") or 2-16d common (2 ½"x0.113") or 2-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") or 2-16d common (3 ½"x0.162") or 2-16d common (3 ½"x0.162") or 4-10d box (3*x0.128") or 4-3*x0.131" nails or 4-3*x0.131" nails 20d common (4"x0.192") or 3"t00 box (3*x0.128") or 3"x0.131" nails	TOE N 4" O.C. TO 6" O.C. TO FACE BLIND FACE AT EACH I FACE EACH CACH I FACE EACH CACH I FACE EACH AT EACH AT AT A	DE NAILS DE NAILS NAIL AND NAIL BEARING, NAIL NAIL Iayer as o.c. at and stag nail at taggerec a sides AT END CH SPLIC
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF) BAND OR RIM JOIST TO JOIST BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS LEDGER STRIP SUPPORTING JOISTS OR RAFTERS BRIDGING TO JOISTS	2 staples, 1"crown, 16ga., 1 [#] / ₄ long NG 4-8d box (2 ½"x0.113") or 3-0d box (3*x0.128") or 3-10d box (3*x0.128") or 3-3*x0.131" nails 8-d box (2 ½"x0.113") 8d common (2 ½"x0.131") or 10d box (3*x0.128" or 3*x0.131" nails 3-8d box (2 ½"x0.113") or 10d box (3*x0.128" or 3*x0.131" nails 3-8d box (2 ½"x0.113") or 10d box (3*x0.128") or 3-10d box (3 [±] x0.135") or 2 staples, 1"crown, 16ga., 1 ¾"long 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") or 4-10d box (3*x0.128") or 4-3*x0.131" nails or 4-3*x0.131" nails 20d common (4*x0.192") or 3*x0.131" nails 4-16d box (3 ½"x0.135") or 3-10d box (3*x0.128") or 3*x0.131" nails 4-16d box (3 ½"x0.135") or 3-10d box (3*x0.128") or 3*x0.131" nails 4-16d box (3 ½"x0.135") or 3-104 box (3*x0.128") or 3-x0.131" nails 4-16d box (3 ½"x0.135") or 3-3*x0.131" nails 4-16d box (3 ½"x0.128") or 3-3*x0.131" nails 4-16d box (3 ½"x0.128") or 3-3*x0.131" nails	TOE N 4" O.C. TO 6" O.C. TO FACE BLIND FACE AT EACH FACE AT EACH FACE EACH follows: 32" and bottom s opposite FACE NAIL AND AT EACH J RAFTER, F/ EACH END,	DE NAILS DE NAILS DE NAILS NAIL AND NAIL BEARING, NAIL NAIL NAIL Igyer as o.c. at and stag nail at taggerec sides AT END CH SPLIC OISTS OI ACE NAIL
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF) BAND OR RIM JOIST TO JOIST BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	2 staples, 1"crown, 16ga., 1 [#] / ₄ long NG 4-8d box (2 ½"x0.113") or 3-0d box (3*x0.128") or 3-10d box (3*x0.128") or 3-3*x0.131" nails 8-d box (2 ½"x0.113") 8-d box (2 ½"x0.131") or 10d box (3*x0.128" or 3*x0.131" nails 3-8d box (2 ½"x0.131") or 10d box (3*x0.128" or 3*x0.131" nails 3-8d box (2 ½"x0.131") or 10d box (3*x0.128") or 2 staples, 1"crown, 16ga., 1 ¾"long 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") or 2-16d common (3 ½"x0.162") or 4-10d box (3*x0.128") or 4-3*x0.131" nails or 4-3*x14ga. staples, ½" crown 20d common (4"x0.192") or 3*x0.131" nails A-16d box (3 ½"x0.128") or 3-10d box (3*x0.128") or 3-10d box (3*x0.128") or 3-10d box (3*x0.128") or 3-10d box (3*x0.128") or 3-3*x0.131" nails 4-16d box (3 ½"x0.135") or 3-16d common (3 ½"x0.162") or 3-10d box (3*x0.128") or 3-10d box (3*x0.128") or 3-10d box (3*x0.128") or 3-3*x0.131" nails	TOE N 4" O.C. TO 6" O.C. TO FACE BLIND FACE AT EACH I FACE EACH noil each follows: 32" and bottom s opposite FACE NAIL AND AT EACH J RAFTER, F/	DE NAILS DE NAILS DE NAILS DE NAILS NAIL NAIL BEARING, NAIL NAIL NAIL NAIL NAIL NAIL NAIL NAIL
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JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) I" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF) BAND OR RIM JOIST TO JOIST BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS LEDGER STRIP SUPPORTING JOISTS OR RAFTERS BRIDGING TO JOISTS DESCRIPTION OF BUILDING ELEMENTS WOOD STRUCTURAL PANELS, SUBFLOOR, ROC	2 staples, 1"crown, 16ga., 1 [#] / ₄ long NG 4-8d box (2 ½"x0.113") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ½"x0.113") or 10d box (3"x0.128" or 3"x0.131" nails 3-ed box (2 ½"x0.113") or 10d box (3"x0.128" or 3"x0.131" nails 3-ed box (2 ½"x0.113") or 10d box (3"x0.128") or 3-10d box (3"x0.128") or 2 staples, 1"crown, 16ga., 1 ¾"long 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") or 4-10d box (3"x0.128") or 4-3"x0.131" nails or 4-3"x14ga. staples, ½" crown 20d common (4"x0.192") or 3"t0.131" nails 4-3"x0.131" nails 4-16d box (3 ½"x0.128") or 3-10d box (3"x0.128") or 3-10d box (3"x0.128") or 3-3'x0.131" nails 4-16d box (3 ½"x0.135") or 3-10d box (3"x0.128") or 3-10d box (3"x0.128") or 3-3'x0.131" nails 4-16d box (3 ½"x0.135") or 3-10d box (3"x0.128") or 3-3'x0.131" nails 4-16d box (3 ½"x0.135") or 3-10d box (3"x0.128") or 3-3'x0.131" nails 4-16d box (3 ½"x0.135") or 3-10d box (3"x0.128") or 3-3'x0.131" nails 4-16d box (3 ½"x0.135") or 3-10d box (3"x0.128") or 4-10'x0.131" nails 4-16d box (3 ½"x0.135") or 3-16d common (3 ½"x0.135") o	TOE N 4" O.C. TO 6" O.C. TO FACE BLIND FACE AT EACH T FACE AT EACH follows: 32" and bottom s opposite FACE NAIL AND AT EACH AT EACH J RAFTER, F/ EACH END, NAIL SP EDGES (IN.)	DE NAILS DE NAILS DE NAILS NAIL AND NAIL BEARING NAIL NAIL NAIL Igyer as o.c. at and stag nail at sides AT END CH SPLIC OISTS O ACE NAIL TOE NA ACTING TTERMED SUPPOR (IN.)
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JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF) BAND OR RIM JOIST TO JOIST BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS LEDGER STRIP SUPPORTING JOISTS OR RAFTERS BRIDGING TO JOISTS DESCRIPTION OF BUILDING ELEMENTS WOOD STRUCTURAL PANELS, SUBFLOOR, ROC 3"-1"	2 staples, 1"crown, 16ga., 1¾" long NG 4-8d box (2 ½"x0.113") or 3-8d common (2 ¾"x0.131") or 3-3"x0.128") or 3-3"x0.131" nails 8-d box (2 ½"x0.113") 8d common (2 ½"x0.13") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d box (2 ½"x0.113") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d box (2 ½"x0.113") or 2-8d common (2 ½"x0.135") or 3-10d box (3 ½"x0.135") or 2-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") or 4-10d box (3 ½"x0.128") or 4-3"x0.131" nails or 4-3"x0.131" nails or 4-3"x0.131" nails 20d common (4"x0.192") or 3-16d box (3 ½"x0.128") or 3-10d box (3"x0.128") or 3-10d box (3"x0.128") or 3-10d box (3"x0.128") or 3-10d box (3"x0.128") or 3-16d common (3 ½"x0.150") or 3-16d common (3 ½"x0.152") or 3-16d common (3 ½"x0.152") or 3-16d box (3 ½"x0.135") or 3-16d common (3 ½"x0.152") or 3-16d common (3 ½"x0.152") or 3-16d common (3 ½"x0.152") or 3-16d common (3 ½"x0.135") or 3-16d common (3	TOE N 4" O.C. TO 6" O.C. TO FACE BLIND FACE AT EACH TEACH FACE EACH Onlie each FACE EACH CACH AT EACH J RAFTER, F/ RAFTER, F/ EACH END, NAIL SP EDGES (IN.)	DE NAILS DE NAILS NAIL AND NAIL BEARING, NAIL NAIL Igyer as o.c. at and stag nail at isagerec sides nail at isagerec sides NAIL NAIL Igyer as o.c. at and stag noil at isagerec Sides NAIL NAIL Igyer as o.c. at and stag noil at isagerec Sides NAIL NAIL Igyer as o.c. at and stag noil at isagerec Sides NAIL NAIL Igyer as o.c. at and stag NAIL NAIL Igyer as o.c. at and stag NAIL NAIL NAIL Igyer as o.c. at and stag NAIL NAIL Igyer as Igyer as Igy
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF) BAND OR RIM JOIST TO JOIST BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS LEDGER STRIP SUPPORTING JOISTS OR RAFTERS BRIDGING TO JOISTS DESCRIPTION OF BUILDING ELEMENTS WOOD STRUCTURAL PANELS, SUBFLOOR, ROC 3"-1" 1 8"-1 7" OTHER WALL SHE/	2 staples, 1"crown, 16ga., 1¾" long NG 4-8d box (2 ½"x0.113") or 3-8d common (2 ¾"x0.131") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ½"x0.113") 8d common (2 ½"x0.131") or 10d box (3"x0.128") or 3"x0.131" nails 3-8d box (2 ½"x0.113") or 10d box (3"x0.128") or 3-10d box (3"x0.128") or 3-10d box (3 ½"x0.135") or 2-16d common (3 ½"x0.135") or 2-16d common (3 ½"x0.162") 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") or 4-10d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") or 4-3"x0.131" nails 3-16d box (3 ½"x0.128") or 3'x0.131" nails 20d common (4"x0.192") or 3'x0.131" nails 4-6d box (3 ½"x0.128") or 3'x0.131" nails 4-3"x14ga. staples, 1% crown 20d common (4"x0.192") or 3'x0.131" nails 4-16d box (3 ½"x0.128") or 3'x0.131" nails 4-16d box (3 ½"x0.128") or 3'x0.131" nails 4-16d box (3 ½"x0.128") or 4-104 box (3"x0.128") or 4-104 box (3"x0.128") or 3'x0.131" nails 4-16d box (3 ½"x0.135") or 3-16d common (3 ½"x0.162") or 4-104 box (3"x0.128") NUMBER OF COMMON NAILS 0F AND INTERIOR WALL SHEATH 6d common (2"x0.131") nail (subfloor, wall)' or 8d common (2"x0.131") 8d common nail (2 ½"x0.131") 10d common (3"x0.148") nail or 8d (2 ½"x0.131") deformed nail XTHING	TOE N 4" O.C. TO 6" O.C. TO FACE BLIND FACE AT EACH I FACE AT EACH FACE AT EACH I FACE AT EACH I AND AT EACH J RAFTER, F/ EACH END, NAIL SP EDGES (IN.) 1 HING 6" 6"	DE NAILS DE NAILS DE NAILS NAIL AND NAIL BEARING, NAIL NAIL Igyer as o.c. at and stag nail at sides o.ides at END CH SPLIC OISTS OI ACE NAIL TOE NAI ACING SUPPOR (IN.) 12"
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JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF) BAND OR RIM JOIST TO JOIST BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS LEDGER STRIP SUPPORTING JOISTS OR RAFTERS BRIDGING TO JOISTS DESCRIPTION OF BUILDING ELEMENTS WOOD STRUCTURAL PANELS, SUBFLOOR, ROC 3"-1" 1 \$"-1 \$" OTHER WALL SHEA 2" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING	2 staples, 1"crown, 16ga., 1‡" long NG 4-8d box (2 ‡"x0.113") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 8-d box (2 ‡"x0.113") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d common (2 ‡"x0.113") or 10d box (3"x0.128" or 3"x0.131" nails 3-8d box (2 ‡"x0.113") or 10d box (3"x0.128") or 3-10d box (3"x0.128") or 2-16d common (2 ‡"x0.135") or 2-16d box (3 ‡"x0.135") or 2-16d common (3 ‡"x0.162") 3-16d box (3 ‡"x0.135") or 2-16d common (3 ‡"x0.162") or 4-10d box (3"x0.128") or 3-16d box (3 ‡"x0.162") or 4-3"x0.131" nails or 4-3"x14ga. staples, 16" crown 20d common (4"x0.192") or 3"10d box (3"x0.128") or 3-16d box (3 ‡"x0.135") or 3-16d common (4"x0.192") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 4-16d box (3 ‡"x0.135") or 3-16d common (4"x0.192") or 3-10d box (3"x0.128") or 3-3"x0.131" nails 4-16d box (3 ‡"x0.135") or 3-16d common (3 ‡"x0.152") or 4-104 box (3"x0.128") or 3-3"x0.131" nails 4-16d box (3 ‡"x0.135") or 3-16d common (3 ‡"x0.135") or 3-16d common (2 ‡"x0.135") or 3-16d common (2 ‡"x0.135") or 3-16d common (2 ‡"x0.131") all (subfloor, wall) or 8 d common (2 ‡"x0.131") DF AND INTERIOR WALL SHEATH 6d common (2 *x0.113") nail (subfloor, wall) or 8d common (2 ‡"x0.131") DF AND INTERIOR WALL SHEATH 6d common (2 ‡"x0.131") 10d common (3 *x0.148") nail (subfloor, wall) or 8d common (2 ‡"x0.131") 10d common (3 *x0.148") nail (subfloor, wall) or 8d common (2 ‡"x0.131") 10d common (3 *x0.148") nail or 8d (2 ‡"x0.131") deformed nail 14" galvanized roofing nail, 15"	TOE N 4" O.C. TO 6" O.C. TO FACE BLIND FACE AT EACH FACE EACH ING 6" 6" 6"	DE NAILS DE NAILS DE NAILS NAIL AND NAIL BEARING NAIL NAIL Iayer as o.c. at and stag nail at taggerec sides oists o ACE NAIL TOE NA ACING UTERMED SUPPOR (II.) 12"
JOIST TO SILL, TOP PLATE OR GIRDER RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO) 1" X 6" SUBFLOOR OR LESS TO EACH JOIST 2" SUBFLOOR TO JOIST OR GIRDER 2" PLANKS (PLANK & BEAM-FLOOR & ROOF) BAND OR RIM JOIST TO JOIST BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS LEDGER STRIP SUPPORTING JOISTS OR RAFTERS BRIDGING TO JOISTS DESCRIPTION OF BUILDING ELEMENTS WOOD STRUCTURAL PANELS, SUBFLOOR, ROC \$"-1" 1 \$"-1 \$" OTHER WALL SHE/	2 staples, 1"crown, 16ga., 1¾" long VG 4-8d box (2 ½"x0.113") or 3-8d common (2 ¾"x0.131") or 3-3"x0.131" nails 8-d box (2 ½"x0.113") 8d common (2 ½"x0.13") or 10d box (3"x0.128") or 3"x0.131" nails 3-8d box (2 ½"x0.113") or 10d box (3"x0.128") or 3"x0.131" nails 3-8d box (2 ½"x0.113") or 2-8d common (2 ½"x0.131") or 3-10d box (3 ½"x0.135") or 2-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") 3-16d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") or 4-10d box (3 ½"x0.135") or 2-16d common (3 ½"x0.162") or 4-3"x0.131" nails 3-16d common (3 ½"x0.128") or 3-16d box (3 ½"x0.128") or 3-16d common (3 ½"x0.128") or 3-16d box (3 ½"x0.128") or 3-10d box (3"x0.128") or 3-10d box (3"x0.128") or 3-10d box (3"x0.128") or 3-10d box (3"x0.128") or 3-16d common (3 ½"x0.135") or 3-16d common (3 ½"x0.135") or 3-16d common (3 ½"x0.135") or 3-16d common (3 ½"x0.135") or 3-16d common (3 ½"x0.131" nails 2-20d common (2 ½"x0.131") nails 2-10d dox (3"x0.128") or 3-10d box (3"x0.128") or 3-10d box (3"x0.128") or 3-10d box (3"x0.128") or 4-3"x0.131" nails 2-10d dox (3"x0.128") or 3-16d common (2 ½"x0.131") all (subfloor, wall) or 8d common (2 ½"x0.131") DF AND INTERIOR WALL SHEATH 6d common (2 ½"x0.131") nail (subfloor, wall) or 8d common (2 ½"x0.131") Bd common (3 "x0.148") nail or 8d (2 ½"x0.131") deformed nail THING 1½" galvanized roofing nail, 75" head diameter, or 1"crown staple 16ga., 1 ‡" long	TOE N 4" O.C. TO 6" O.C. TO FACE BLIND FACE AT EACH FACE EACH ING 6" 6" 6"	DE NAILS DE NAILS DE NAILS NAIL AND NAIL BEARING, NAIL NAIL Iayer as o.c. at and stag nail at traggerec sides nail at traggerec sides NAIL NAIL Iayer as nail st traggerec sides 1 at traggerec 1 at trag
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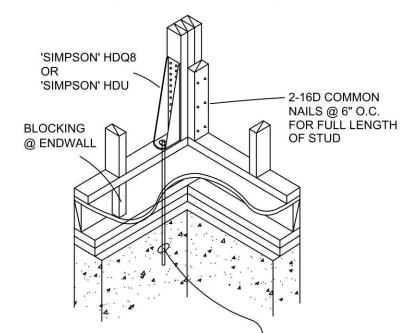
a. Nails are smooth-common, box or deformed shanks except where otherwise stated. Nails used for framing and sheathing connections shall have minimum average bending yield strengths as shown: 80 ksi for shank diameter of 0.192 inch (20d common nails), 90 ksi for shank diameters larger than 0.142 inch 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 7/16-inch on diameter crown width.
c. Nails shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or areater.

c. 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.
e. Spacing of fasteners not included in this table shall be based on Table 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 end wall framing shall be spaced 6 inches on center. Where the ultimate design wind speed is greater than 130 mph, nails for attaching panel roof sheathing to intermediate supports shall be spaced 6 inches on center. Where the ultimate design wind speed is greater than 130 mph, nails for attaching panel roof sheathing to intermediate supports shall be spaced 6 inches on center to gable end wall framing.
g. Gypsum sheatthing shall conform to ASTM C 1396 and shall be installed in accordance with GA 253. Fiberboard sheathing shall conform to ASTM C 208. Spacing of fasteners on floor sheathing panel edges applies to panel edges supported by framing members and required blocking and 16 or perimeters only. Spacing of fasteners on roof sheathing panel edges supported by ther provisions of this code. Floor perimeter shall be supported by framing members or solid blocking.

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

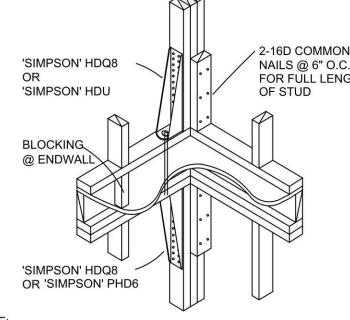
FIRST FLOOR ATTACHMENT OPTIONS

(REQUIRED FOR ALL NEW CONSTRUCTION AND FIRST FLOOR ADDITIONS)



7/8" DIA. THREADED ROD EMBEDDED 12 1/2" INTO CONCRETE W/ 'SIMPSON' ET (HIGH STRENGTH EPOXY ADHESIVE) & FOR TEMPERATURES (O DEG. TO 40 DEG F) USE 'SIMPSON' AT (HIGH STRENGTH ACRYLIC ADHESIVE)

HOLD DOWN CONNECTIONS (REQUIRED AT EACH BUILDING CORNER)



NOTE ALL STRAPPING, ANCHORS, HOLD DOWNS, & ADHESIVES TO BE INSTALLED AS PER MANUFACTURES SPECIFICATIONS.

NAILING AND STRAPPING

NOTE: ALL STRAPPING TO BE 1 1/4"X20 GAUGE STEEL OR 'SIMPSON' EQUIVALENT - CS20 (COILED STRAP) (ALL STRAPPING SHALL BE INSTALLED AS PER MANUF. SPECIFICATIONS)

AT RAFTER TO RIDGE CONNECTION FOR RIDGE STRAP -FOR ALT. COLLAR TIE -

AT RAFTER TO TOP PLATE TO STUD CONNECTION FOR STRAP (3) 8D COMMON NAILS AT EACH END OF STRAP FOR MTS12 -(7) 10D COMMON NAILS AT EACH END OF STRAP BY "SIMPSON"

AT STUD TO FLOOR ASSEMBLY TO STUD CONNECTION (ONLY APPLICABLE FOR TWO-STORY CONFIGURATIONS)

FOR STRAP

FOR ALTERNATE STRAP CONFIG.

FOR FULL LENGTH FOR SECOND FLR. -ADDITIONS

> AT STUD TO FLOOR ASSEMBLY TO SILL PLATE CONNECTION FOR STRAP

FOR ALTERNATE STRAP CONFIG. LTP4

AT STUD TO FLOOR ASSEMBLY TO SILL PLATE CONNECTION FOR SP4 STRAP-

FOR ALTERNATE -SP3 STRAP CONFIG.

NAILING & STRAPPING AT EXTERIOR WINDOW / DOOR HEADERS (REQUIRED FOR ALL NEW CONSTRUCTION AND/OR NEW ADDITIONS)

NAILING SCHEDULE 'B': (WOOD FRAME CONSTRUCTION MANUAL) ROUGH OPENING REQUIREMENTS FOR WINDOW OPENINGS

ROUGH OFENING REQU	JINEWEN	ITS FOR WINDOW OPENING	10			
Notation Rough Opening	А	В	С	D	Е	F
2'-0''	2	(1) 2x4	1	1	1	1
4'-0''	4	(1) 2x4	2	2	2	2
6'-0''	6	(2) 2x4 or (1) 2x6	3	3	3	3
8'-0''	8	(2) 2x4 or (1) 2x6	3	3	3	3
10'-0''	10	(2) 2x6	4	4	4	4
12'-0''	12	(2) 2x6	5	5	5	5
Notations :						

Notations :

A. NUMBER OF 8D NAILS AT EACH END OF STRAPPINGS

B. NUMBER OF SILL STUDS ON THE FLAT (DOES NOT APPLY TO DOORS)

C. NUMBER OF FULL HEIGHT KING STUDS AT EACH SIDE OF HEADER

D. NUMBER OF 16D NAILS END-NAILED THROUGH ADJACENT KING STUD TO END OF HEADER AT EACH SIDE

E. NUMBER OF JACK STUDS AT EACH END OF HEADERS (ASSUME DOUBLE HEADERS)

F. NUMBER OF 16D NAILS END-NAILED THROUGH ADJACENT JACK STUDS TO

END OF SILL(S) AT EACH SIDE (DOES NOT APPLY TO DOORS)

(REQUIRED FOR ALL NEW CONSTRUCTION AND/OR NEW ADDITIONS)

(3) 8D COMMON AT EACH END OF STRAP (3) 10D COMMON NAILS AT EACH END



(9) 10D COMMON NAILS AT EACH END OF STRAP

(14) 10D COMMON NAILS FOR EACH STRAP (TWO STRAPS TOTAL)

SHEATHING TO OVERLAP FIRST & SECOND FLOOR & STUDS BY MIN. 12"

(9) 10D COMMON NAILS AT EACH END OF STRAP

(12) 8D COMMON NAILS (12) 8D COMMON NAILS

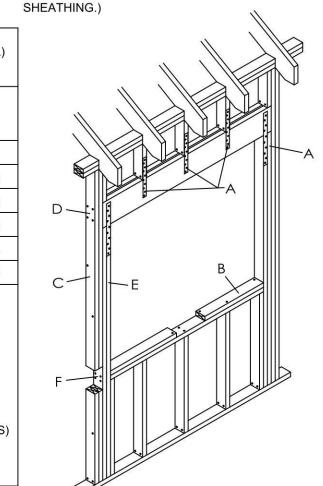
(SLAB ON GRADE AND/OR GARAGE WALL APPLICATIONS) (6) 10D COMMON NAILS AT EACH SIDE OF STUD (6) 10D TO STUD & (6) 10D TO PLATE

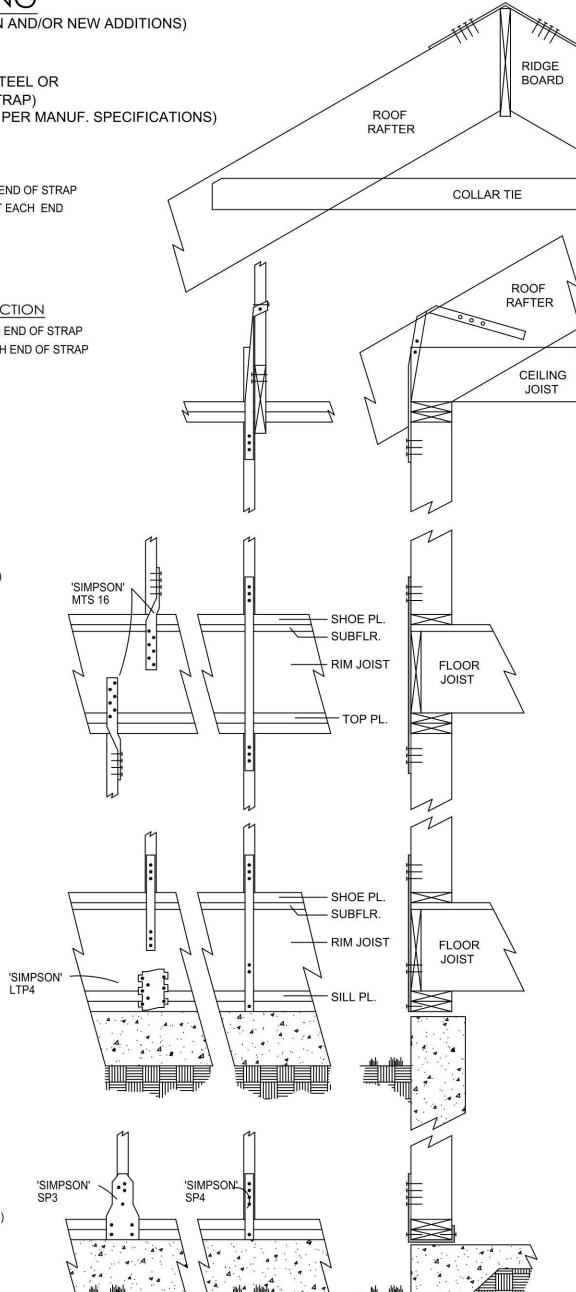
NOTE ALL STRAPPING TO BE 1 1/4"X20 GAUGE STEEL OR 'SIMPSON' EQUIVALENT - CS20 (COILED STRAP) (ALL STRAPPING SHALL BE INSTALLED PRIOR TO

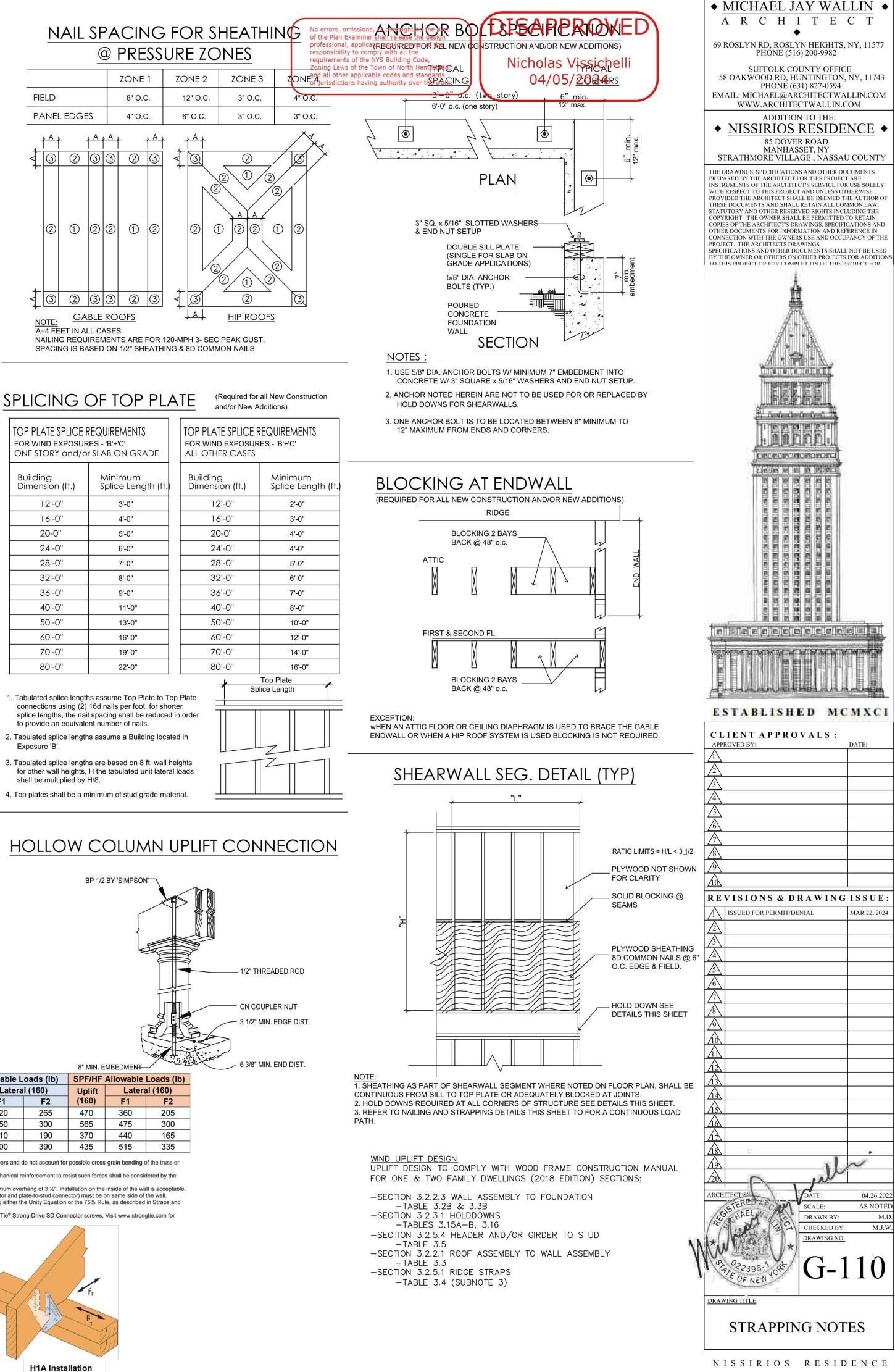
ALTERNATE STRAP

CONFIGURATION

END VIEW







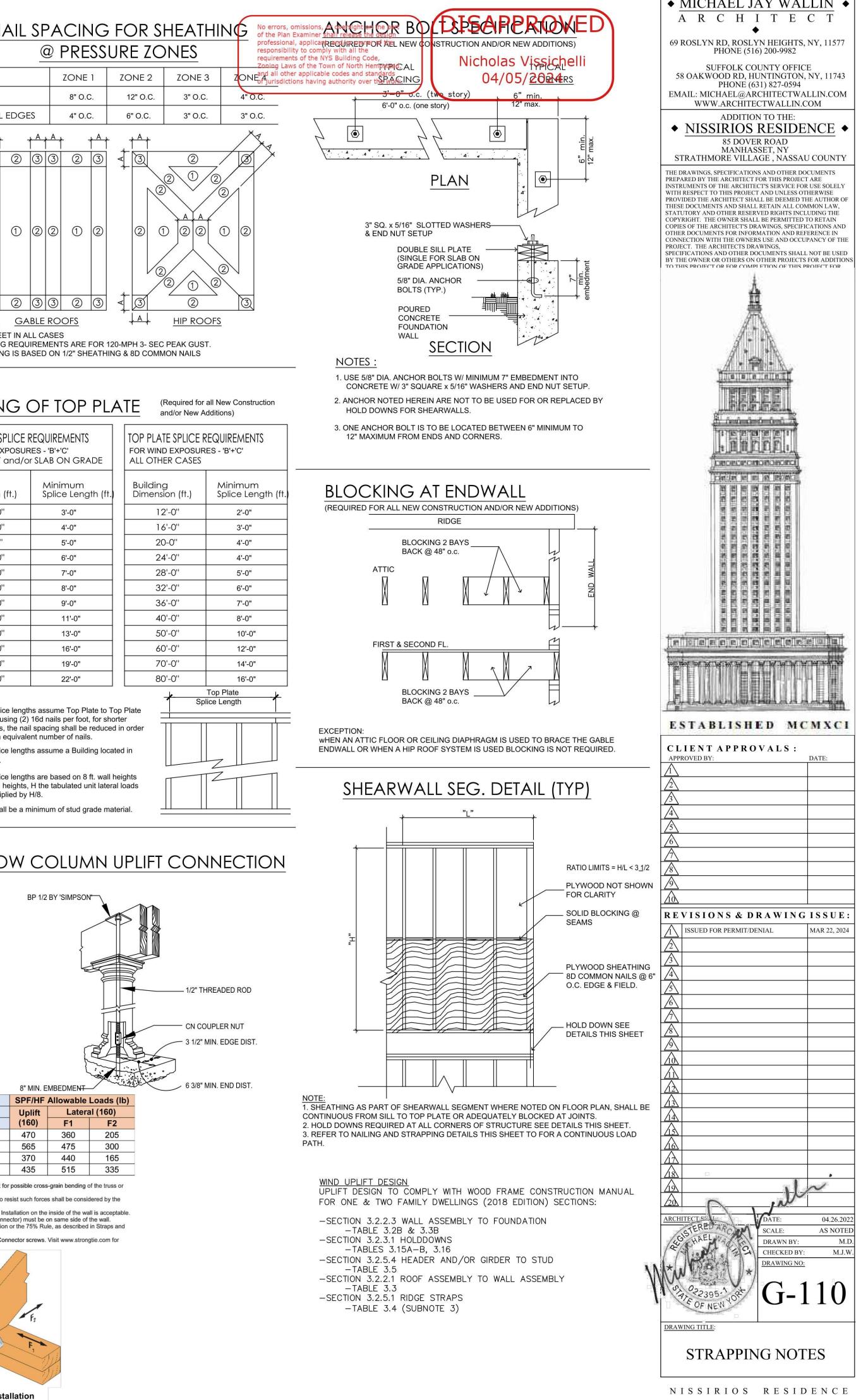
SPLICING OF TOP PLATE

	1	Ē	
TOP PLATE SPLICE REQUIREMENTS FOR WIND EXPOSURES - 'B'+'C' ONE STORY and/or SLAB ON GRADE		F	FC A
Building Dimension (ft.)	Minimum Splice Length (ft.)		E
12'-0''	3'-0"		
16'-0''	4'-0"		
20-0''	5'-0"		
24'-0''	6'-0"		
28'-0''	7'-0"		
32'-0''	8'-0"		
36'-0''	9'-0"		
40'-0''	11'-0"		
50'-0''	13'-0"		
60'-0''	16'-0"		
70'-0''	19'-0"		
80'-0''	22'-0"		

Building Dimension (ft.)	
12'-0''	
16'-0''	
20-0''	
24'-0''	
28'-0''	
32'-0''	
36'-0''	
40'-0''	
50'-0''	
60'-0''	
70'-0''	
80'-0''	

- 1. Tabulated splice lengths assume Top Plate to Top Plate connections using (2) 16d nails per foot, for shorter splice lengths, the nail spacing shall be reduced in orde to provide an equivalent number of nails.
- Exposure 'B'.

for other wall heights, H the tabulated unit lateral loads shall be multiplied by H/8.



HURRICANE STRAP DETAIL

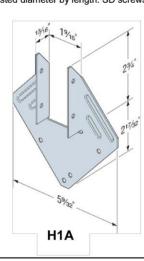
SECTION

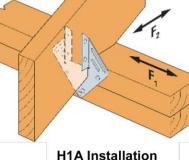
	o Min. EMBEDMENT							
	Fasteners		DF/SP Allowable Loads (lb)			SPF/HF Allowable Loads (Ib)		
Model	To Rafters/Truss	To Plates	Uplift	Lateral (160)		Uplift	Latera	al (160)
	TO Railers/Truss	TOFILLES	(160)	F1	F2	(160)	F1	F2
H1A	(4) 0.131" x 1½"	(4) 0.131" x 1½"	545	420	265	470	360	205
ПА	(4) SD9112	(4) SD9112	655	550	300	565	475	300
H1	(6) 0.131" x 1½"	(4) 0.131" x 1½"	455	510	190	370	440	165
пі	(6) SD9112	(4) SD9112	505	600	390	435	515	335
1. For additional requirements and important technical information, visit www.strongtie.com.								
2. Allowable	2. Allowable loads in the F1 direction are not intended to replace diaphragm boundary members and do not account for possible cross-grain bending of the truss or							

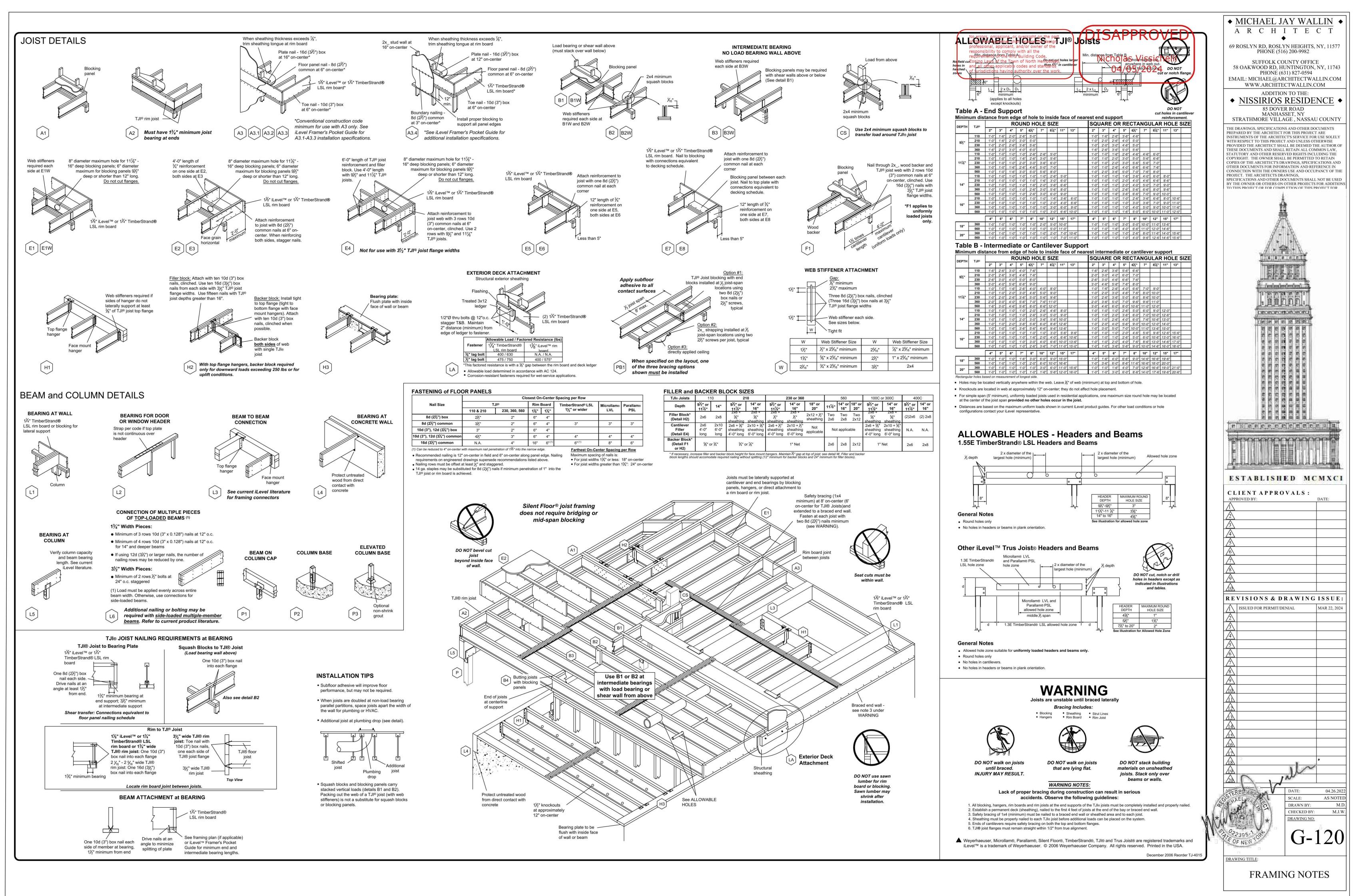
to replace diaphragm boundary members and do not account for possible cross-grain bending o rafter members 3. When cross-grain bending or cross-grain tension cannot be avoided in the members, mechanical reinforcement to resist such forces shall be considered by the

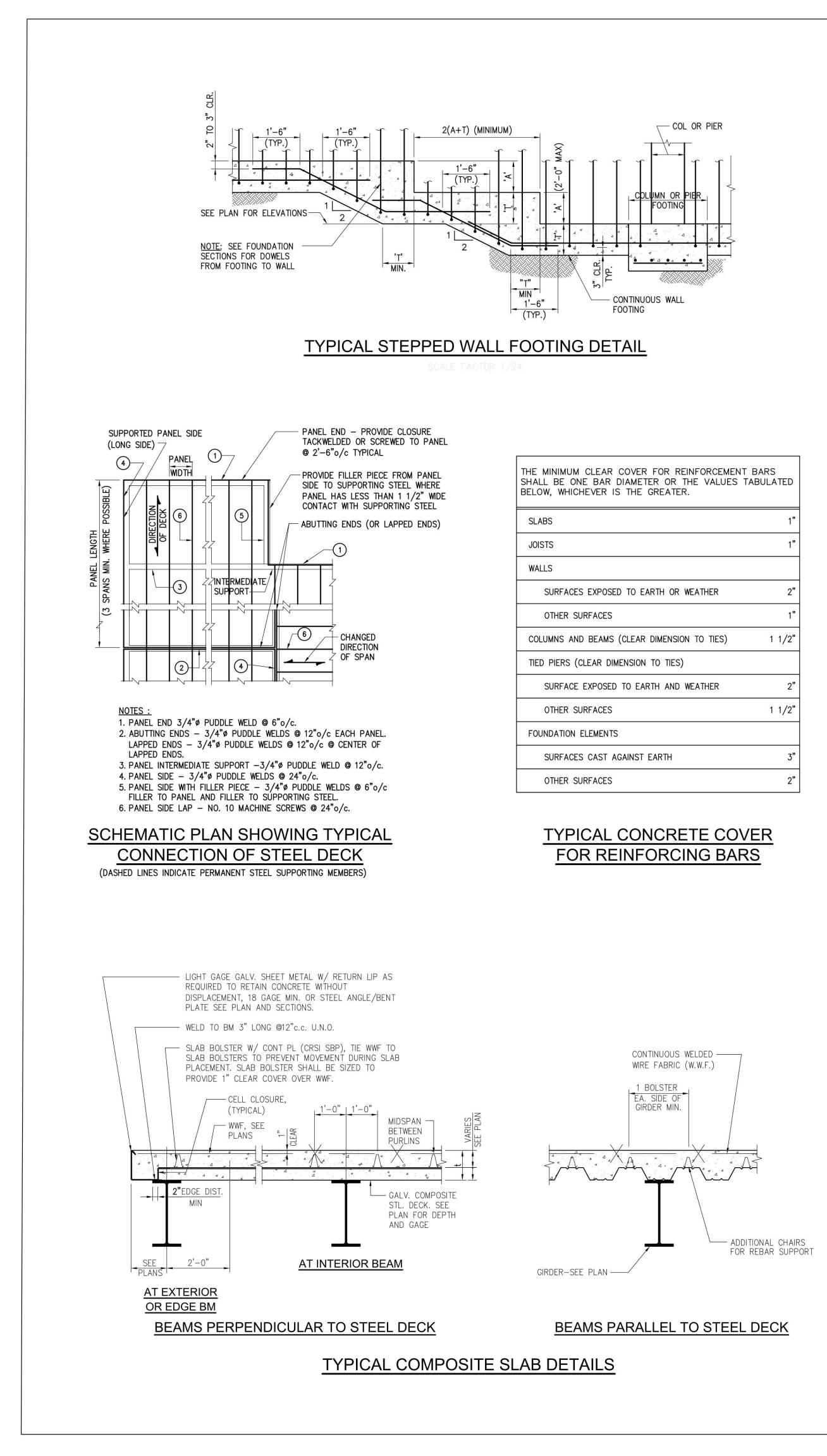
4. Hurricane ties are shown installed on the outside of the wall for clarity and assume a minimum overhang of 3 ½". Installation on the inside of the wall is acceptable. For uplift Continuous Load Path, connections in the same area (i.e., truss-to-plate connector and plate-to-stud connector) must be on same side of the wall.

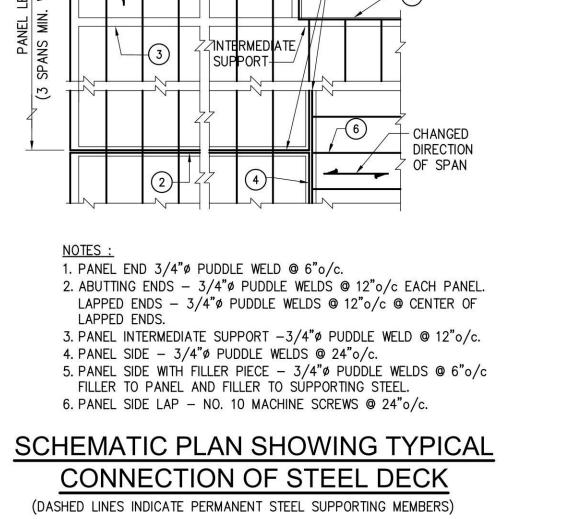
5. For simultaneous loads in more than one direction, the connector must be evaluated using either the Unity Equation or the 75% Rule, as described in Straps and Ties General Notes on p. 267 of Wood Construction Connectors catalog. 6. Fasteners: Nail dimensions are listed diameter by length. SD screws are Simpson Strong-Tie® Strong-Drive SD Connector screws. Visit www.strongtie.com for fastener information

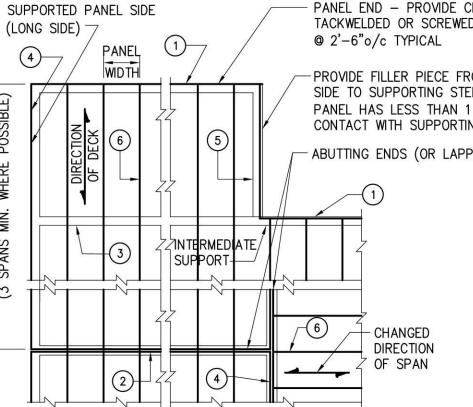












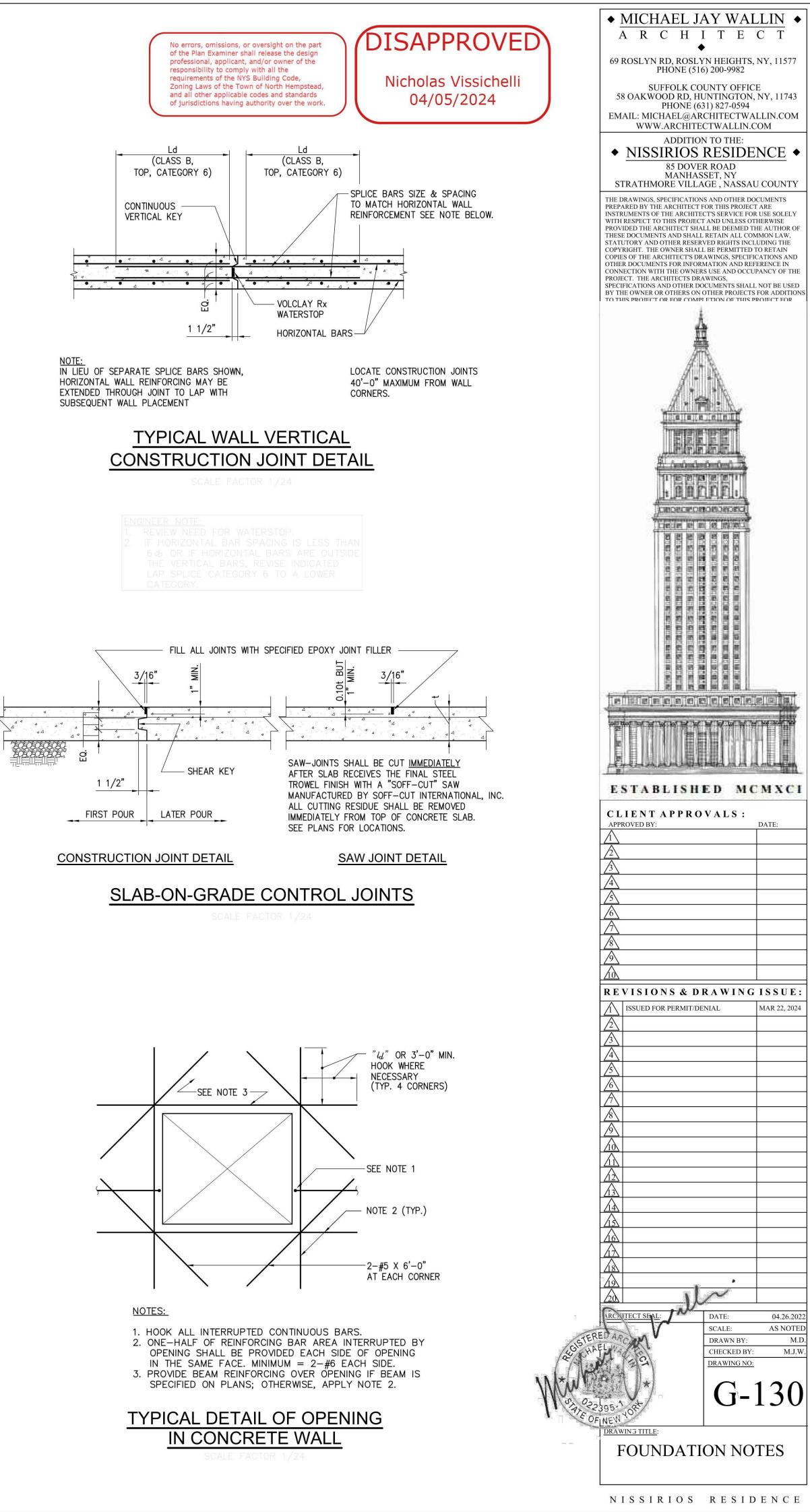
TYPICAL WALL REINFORCEMENT DETAILS

PANEL END - PROVIDE CLOSURE TACKWELDED OR SCREWED TO PANEL

- PROVIDE FILLER PIECE FROM PANEL SIDE TO SUPPORTING STEEL WHERE PANEL HAS LESS THAN 1 1/2" WIDE

CONTACT WITH SUPPORTING STEEL

ABUTTING ENDS (OR LAPPED ENDS)



04.26.2022

AS NOTED

M.D.

M.J.W.

	LINTEL	SCHEDULE
--	--------	----------

SEE NOTE 3

— STD. HOOK BUT 1'-0"

- CONTINUOUS HORIZONTAL REINFORCEMENT SEE

PLAN

AT CORNERS

- STD. HOOK BUT 1'-0"

PLAN AT INTERSECTIONS

MIN. BEND (TYP)

SEE NOTE 3

- HORIZ. REINF.

MIN. BEND (TYP)

SEE NOTE 1

NOTE 4

SEE NOTE 2-

-					
	SCHEDULE OF LOOSE LINTELS FOR MASONRY WALLS				
WALL THICKNESS	UNDER 4'-0" OPG.	4'-0" TO 8'-0" OPG.	8'-1" TO 12'-0" OPG.		
4"	(1) 4" x 3 1/2" x 5/16" STL ANGLE	(1) 4" x 3 1/2" x 3/8" STL ANGLE			
6"	(1) 5" x 3 1/2" x 5/16" STL ANGLE	(1) 5" x 5" x 3/8" STL ANGLE	(1) 8" x 6" x 7/16" STL ANGLE		
8"	(2) 4" x 3" x 5/16" STL ANGLE	(2) 4" x 3" x 3/8" STL ANGLE	(2) 6" x 3 1/2" x 3/8" STL ANGLE		
10"	(2) 6" x 4" x 5/16" STL ANGLE	(2) 6" x 4" x 3/8" STL ANGLE			
12"	5" x 5" x 5/16" STL ANGLE 6" x 4" x 5/16" STL ANGLE	5" x 5" x 3/8" STL ANGLE 6" x 4" x 3/8" STL ANGLE			

· · 4

- HORIZ. REINF.

NOTES:

SECTIONS.

1. FOR REINFORCING SEE FOUNDATION WALL

PROVIDE TENSION LAP SPLICE CLASS B, "TOP BAR" CATEGORY 6 FOR ALL HORIZONTAL

BAR SPLICES. SEE "TENSION DEVELOPMENT AND

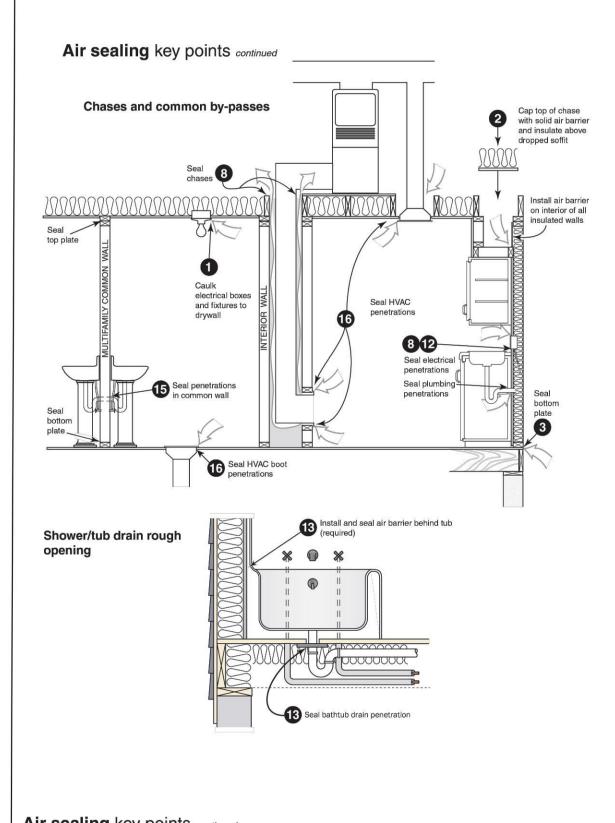
BARS ALONG ONE FACE OF WALL A MINIMUM

OF 4'-0" FROM SPLICES IN OPPOSITE WALL FACE.

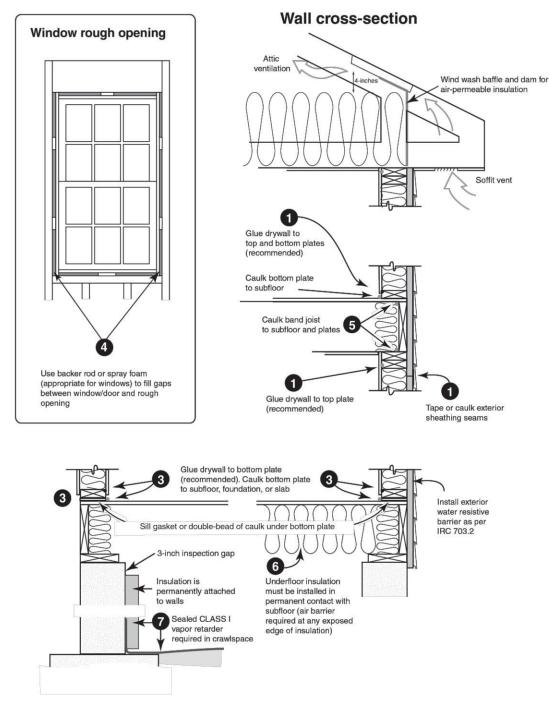
4. STAGGER INTERMEDIATE SPLICES OF HORIZONTAL

ADDITIONAL VERTICAL BAR.

LAP SPLICE LENGTHS" TABLE.

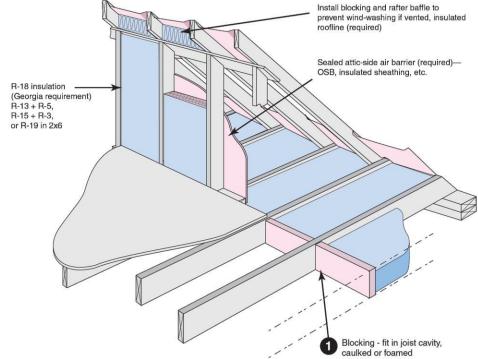


Air sealing key points continued



Air sealing key points continued

Air sealing key points continued



Attic knee-walls aulk and seal

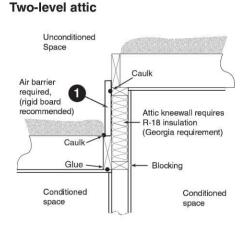
Weather-strip doo

opening and threshold

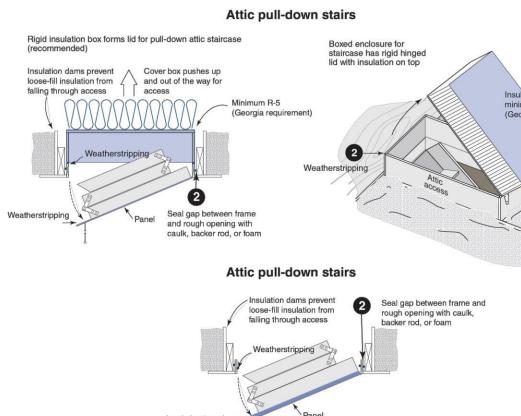
Rigid insulation

(recommended) Minimum R-5

(Georgia requirement)

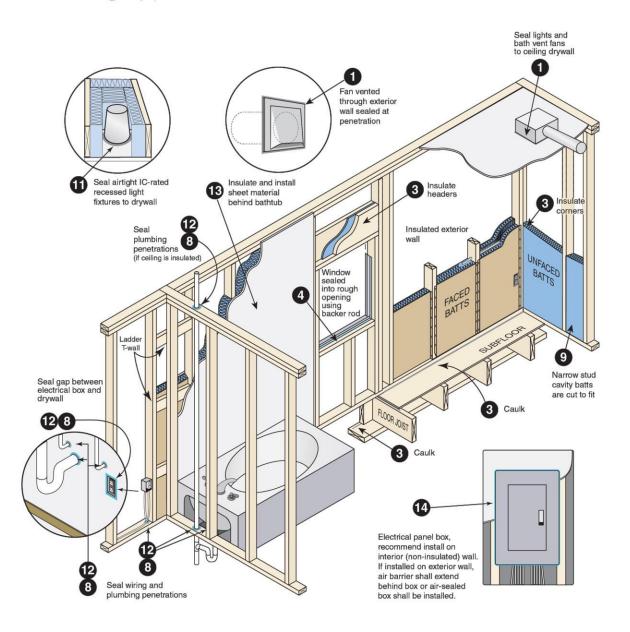


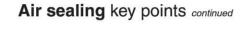
Attic scuttle Insulation dams prevent loose-fill Hatch lid pushes up and insulation from out of the way for access falling through access Rigid insulation plus batt (recommended), minimum R-19 (Georgia requirement) NAS 2 Air seal gasket

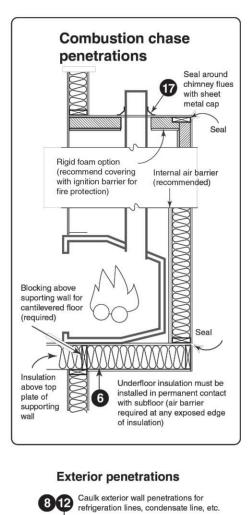


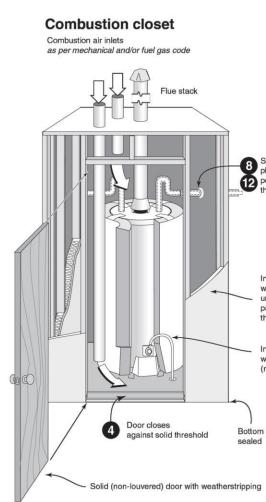
Insulation board minimum R-5 (Georgia requirement)

Air sealing key points









Air sealing key points continued Air barrier behind steps Garage to house door 10 Garage (unconditioned) eb trusse Rigid foam (recommend covering with ignition barrier, if required) Basemen conditioned Inset garage to house door Garage (unconditioned) Web trus Air seal 10-Rigid foam (recommend covering with ignition barrier, if required) Basemen (conditioned)

Roofline Installed Insulation Options

Air impermeable insulation (e.g. rigid foam board)

Air-permeable insulation _____

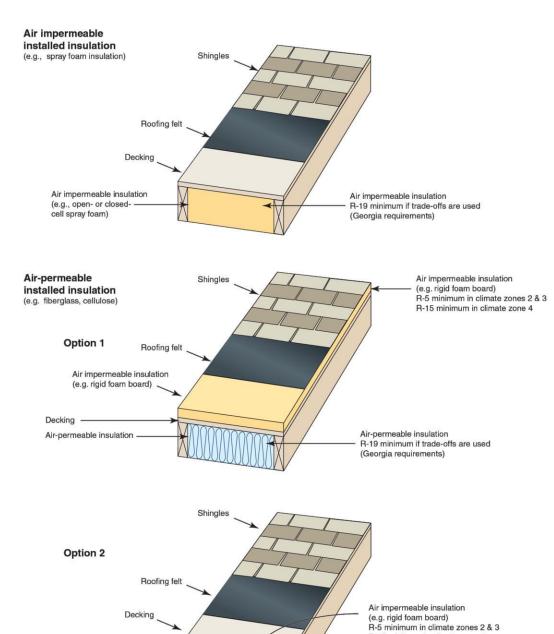
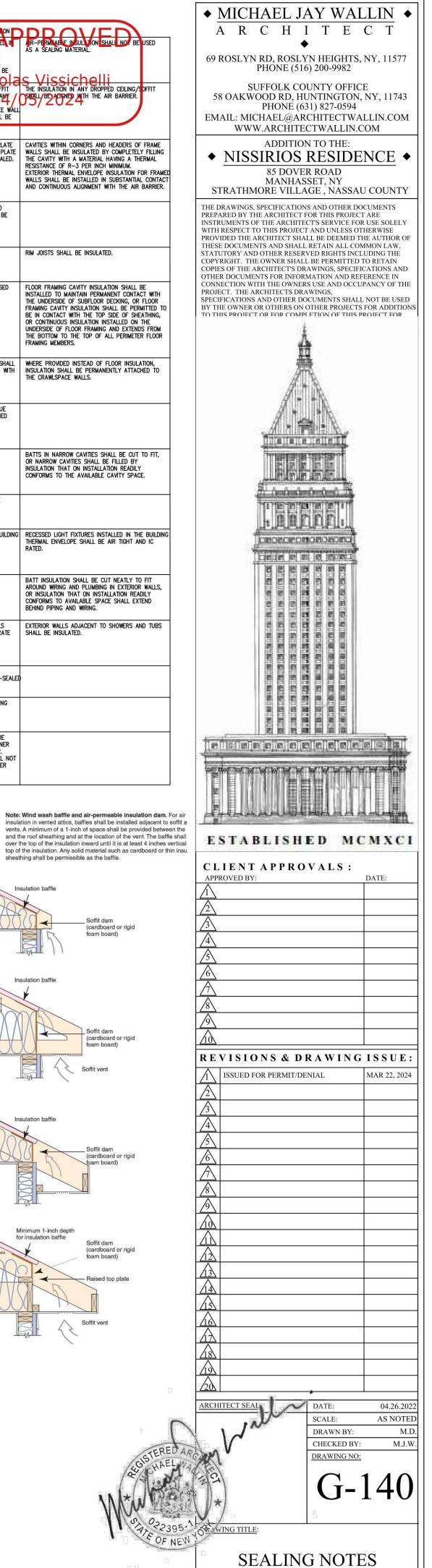


		TABLE 1402.4.1.1 AIR BARRIER AND ITSOLATION INSTALLATION	
of the Plan F	vaminer shall release the	A CONTINUOUS AIR BARRIER SHALL BE INSTALLED IN	AIR-PERMEABLE INSULATION SHALL NOT BE USED AS A SEALING MATERIAL.
professional,	applicant, and/or owner	THE EXTERIOR THERMAL ENVELOPE CONTAINS A CONTINUOUS AIR BARLIER.	
responsibility	to comply with all the	BREAKS OR JOINTS IN THE AIR BARRIER SHALL BE	
	of the NYS Building Code	PALED.	s Vissichelli
and all other	applicable codes and star	GHALE BE ALIGNED WITH THE INSULATION AND ANT /	THE INSULATION IN ANY DROPPED CEILING/SOFFIT
of jurisdictio	ns having authority over t	ACCESS OPENINGS, DRUP DOWN STAIRS OR KNEE WALL	55/2024
		DOORS TO UNCONDITIONED ATTIC SPACES SHALL BE	
	3) WALLS	THE JUNCTION OF THE FOUNDATION AND SILL PLATE SHALL BE SEALED. THE JUNCTION OF THE TOP PLATE AND THE TOP OF EXTERIOR WALL SHALL BE SEALED. KNEE WALLS SHALL BE SEALED.	CAVITIES WITHIN CORNERS AND HEADERS OF FRAME WALLS SHALL BE INSULATED BY COMPLETELY FILLING THE CAVITY WITH A MATERIAL HAVING A THERMAL RESISTANCE OF R-3 PER INCH MINIMUM. EXTERIOR THERMAL ENVELOPE INSULATION FOR FRAME WALLS SHALL BE INSTALLED IN SUBSTANTIAL CONTAC AND CONTINUOUS ALIGNMENT WITH THE AR BARRIER.
	4) windows, skylights, and doors	THE SPACE BETWEEN WINDOW/DOOR JAMBS AND FRAMING, AND SKYLIGHTS AND FRAMING SHALL BE SEALED.	
	5) RIM JOISTS	RIM JOISTS SHALL INCLUDE THE AIR BARRIER.	RIM JOISTS SHALL BE INSULATED.
	6) FLOORS (INCLUDING ABOVE GARAGE AND CANTILEVERED FLOORS	RIM JOISTS SHALL BE INSTALLED AT ANY EXPOSED EDGE OF INSULATION.	FLOOR FRAMING CAVITY INSULATION SHALL BE INSTALLED TO MAINTAIN PERMANENT CONTACT WITH THE UNDERSIDE OF SUBFLOOR DECKING, OR FLOOR FRAMING CAVITY INSULATION SHALL BE PERMITTED TO BE IN CONTACT WITH THE TOP SIDE OF SHEATHING, OR CONTINUOUS INSULATION INSTALLED ON THE UNDERSIDE OF FLOOR FRAMING AND EXTENDS FROM THE BOTTOM TO THE TOP OF ALL PERIMETER FLOOR FRAMING MEMBERS.
	7) CRAWL SPACE WALLS	EXPOSED EARTH IN UNVENTED CRAWL SPACES SHALL BE COVERED WITH A CLASS I VAPOR RETARDER WITH OVERLAPPING JOINTS TAPED.	WHERE PROVIDED INSTEAD OF FLOOR INSULATION, INSULATION SHALL BE PERMANENTLY ATTACHED TO THE CRAWLSPACE WALLS.
Seal gas and			
 Belanding Penetrations through walls 	8) SHAFTS, PENETRATIONS	DUCTS SHAFTS, UTILITY PENETRATIONS, AND FLUE SHAFTS OPENING TO EXTERIOR OR UNCONDITIONED SPACE SHALL BE SEALED.	
Insulated	9) NARROW CAVITIES		BATTS IN NARROW CAVITIES SHALL BE CUT TO FIT, OR NARROW CAVITIES SHALL BE FILLED BY INSULATION THAT ON INSTALLATION READILY CONFORMS TO THE AVAILABLE CAVITY SPACE.
walls (not required unless walls are part of building thermal envelope)	10) GARAGE SEPARATION	AIR SEALING SHALL BE PROVIDED BETWEEN THE GARAGE AND CONDITIONED SPACES.	
Insulated water heater (not required)	11) RECESSED LIGHTING	RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE DRYWALL.	RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE AIR TIGHT AND IC RATED.
Bottom plate sealed	12) PLUMBING AND WIRING		BATT INSULATION SHALL BE CUT NEATLY TO FIT AROUND WIRING AND PLUMBING IN EXTERIOR WALLS, OR INSULATION THAT ON INSTALLATION READILY CONFORMS TO AVAILABLE SPACE SHALL EXTEND BEHIND PIPING AND WIRING.
rstripping	13) SHOWER/TUB ON EXTERIOR WALL	THE AIR BARRIER INSTALLED AT EXTERIOR WALLS ADJACENT TO SHOWER AND TUBS SHALL SEPARATE THEM FROM THE SHOWERS AND TUBS.	EXTERIOR WALLS ADJACENT TO SHOWERS AND TUBS SHALL BE INSULATED.
	14) ELECTRICAL/PHONE BOX ON EXTERIOR WALLS	THE AIR BARRIER SHALL BE INSTALLED BEHIND ELECTRICAL OR COMMUNICATION BOXES OR AIR-SEALED BOXES SHALL BE INSTALLED.	ř
	15) HVAC REGISTER BOOTS	HVAC REGISTER BOOTS THAT PENETRATE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO THE SUBFLOOR OR DRYWALL.	
	16) CONCEALED SPRINKLERS	WHEN REQUIRED TO BE SEALED, CONCEALED FIRE SPRINKLERS SHALL ONLY BE SEALED IN A MANNER THAT IS RECOMMENDED BY THE MANUFACTURER. CAULKING OR OTHER ADHESIVE SEALANTS SHALL NOT BE USED TO FILL VOIDS BETWEEN FIRE SPRINKLER COVER PLATES AND WALLS OR CEILINGS.	



Standard rafter and top plate

Ceiling Insulation Details

Insulation

Insulation

Insulation 200 nsulation baffle

Insulation baffle

nsulation baffle

Minimum 1-inch depth

for insulation baffle

15pl

 \leftarrow

Soffit dam

Soffit dam

Soffit vent

(cardboard or rigid foam board)

(cardboard or rigid

Soffit dam

Soffit ven

foam board)

(cardboard or rigid

(cardboard or rigid foam board)

Rafter and Truss

Standard Truss

with tapered

insulation depth

Energy Truss with full height insulation

(recommended)

Rafter on raised top plate

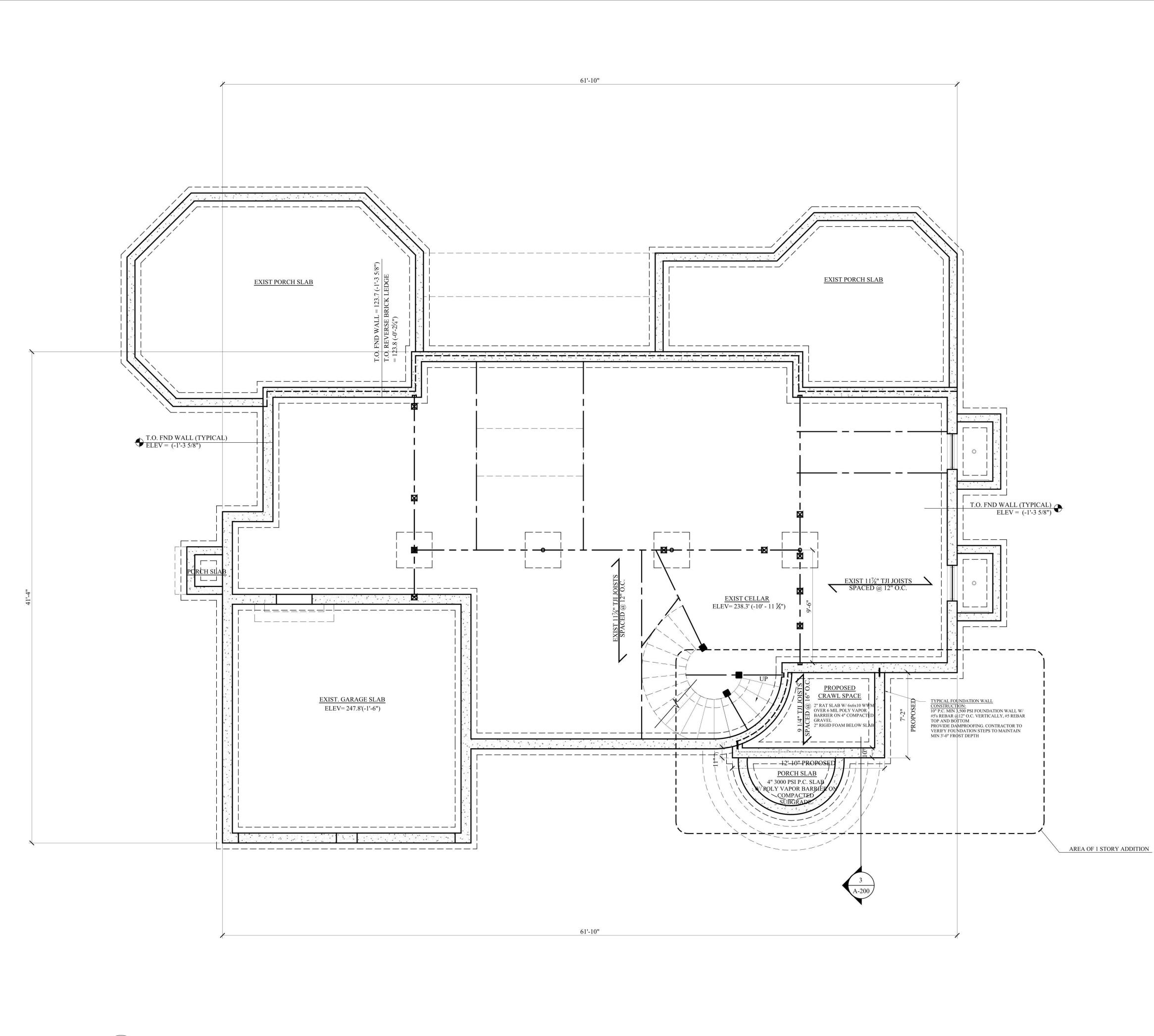
with full height insulation (recommended)

with tapered insulaton depth

R-15 minimum in climate zone 4

Air-permeable insulation R-19 minimum if trade-offs

are used (Georgia requirements)



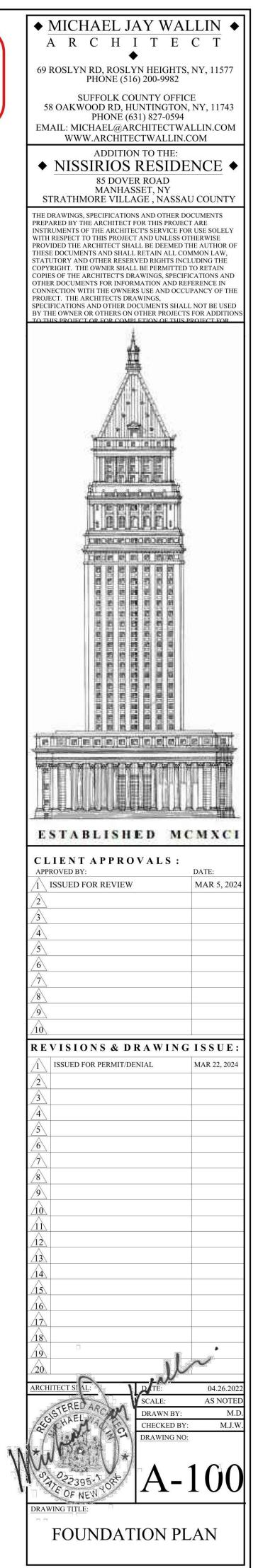
FOUNDATION PLAN

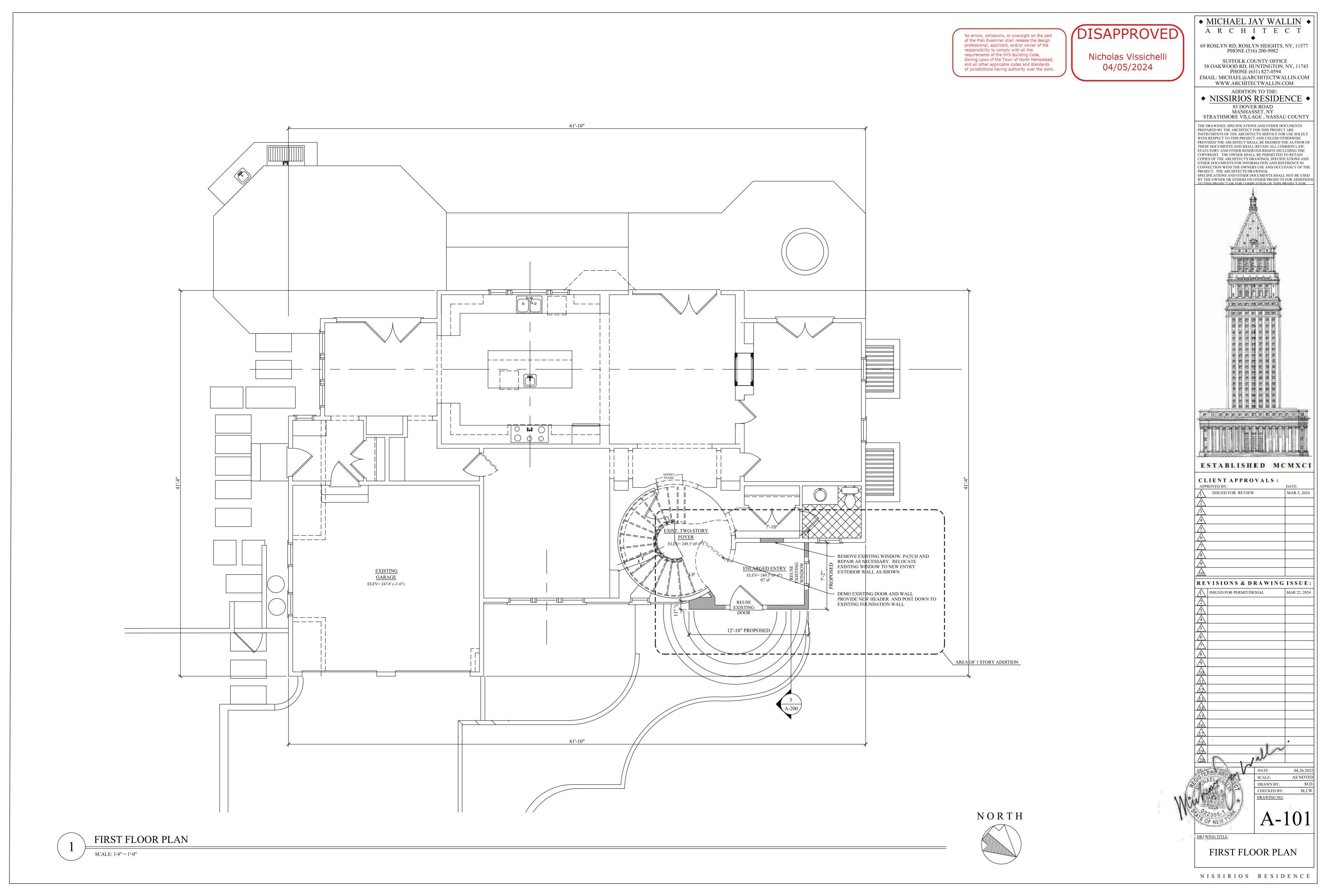
SCALE: 1/4" = 1'-0"

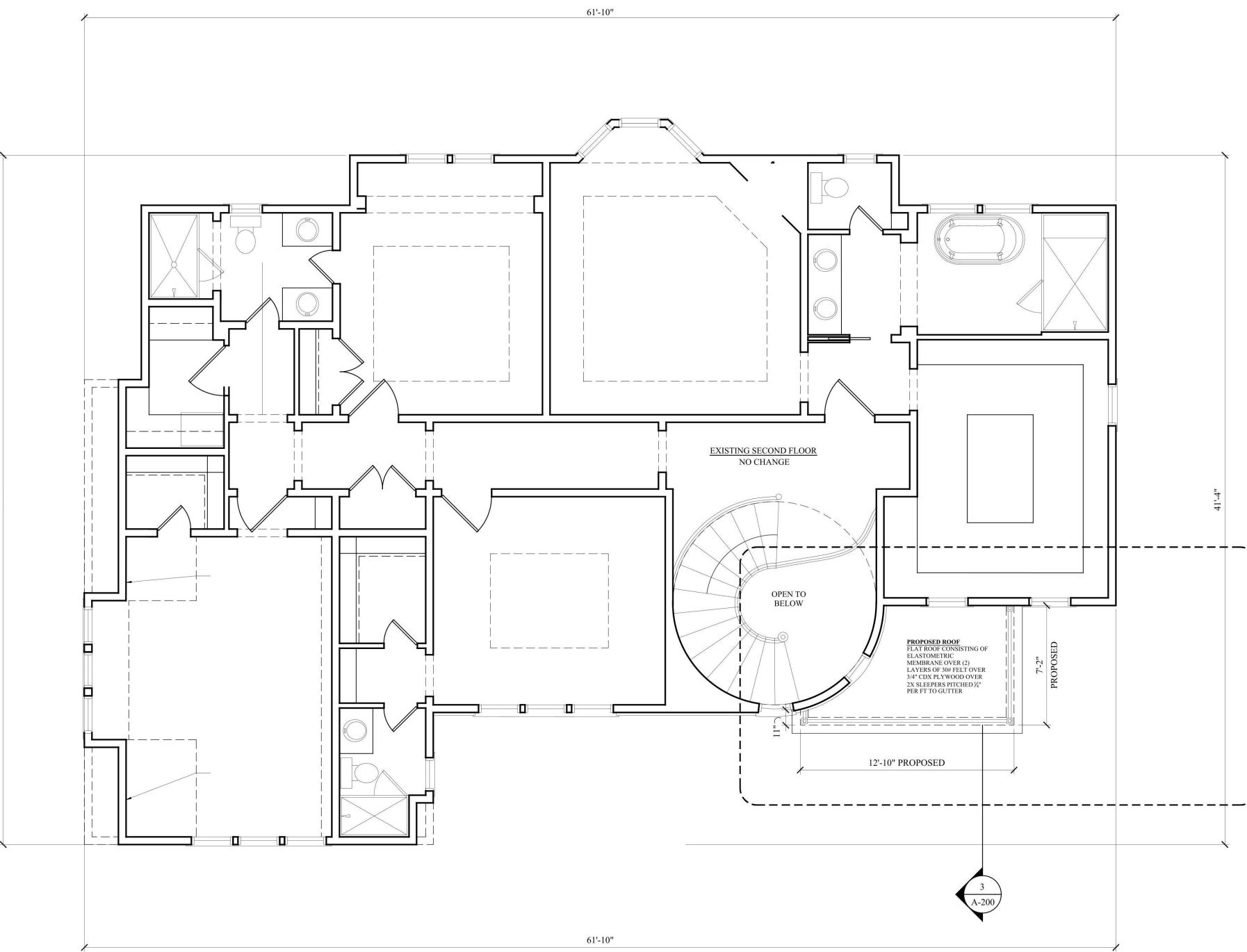
No errors, omissions, or oversight on the part of the Plan Examiner shall release the design professional, applicant, and/or owner of the responsibility to comply with all the requirements of the NYS Building Code, Zoning Laws of the Town of North Hempstead, and all other applicable codes and standards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

DISAPPROVED

Nicholas Vissichelli 04/05/2024



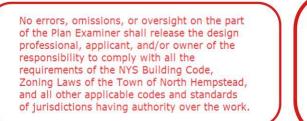






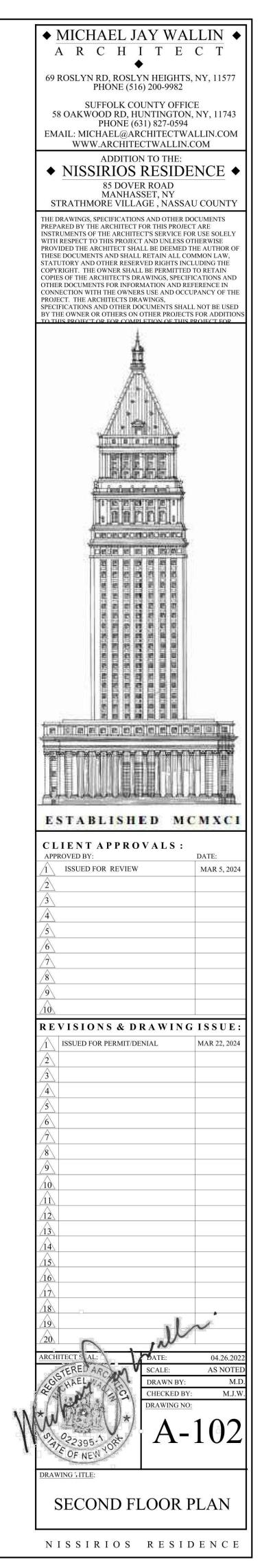


SCALE: 1/4" = 1'-0"

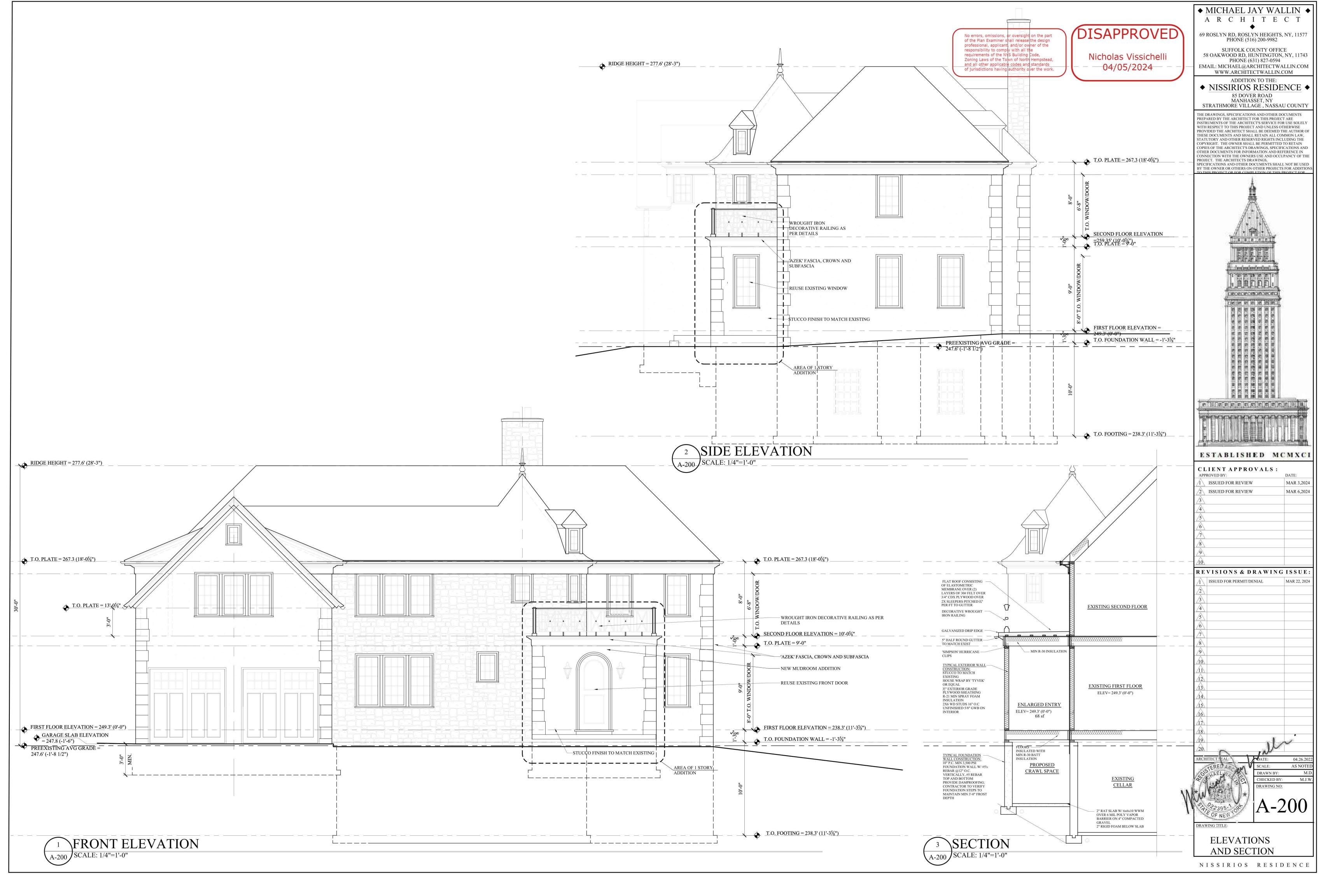


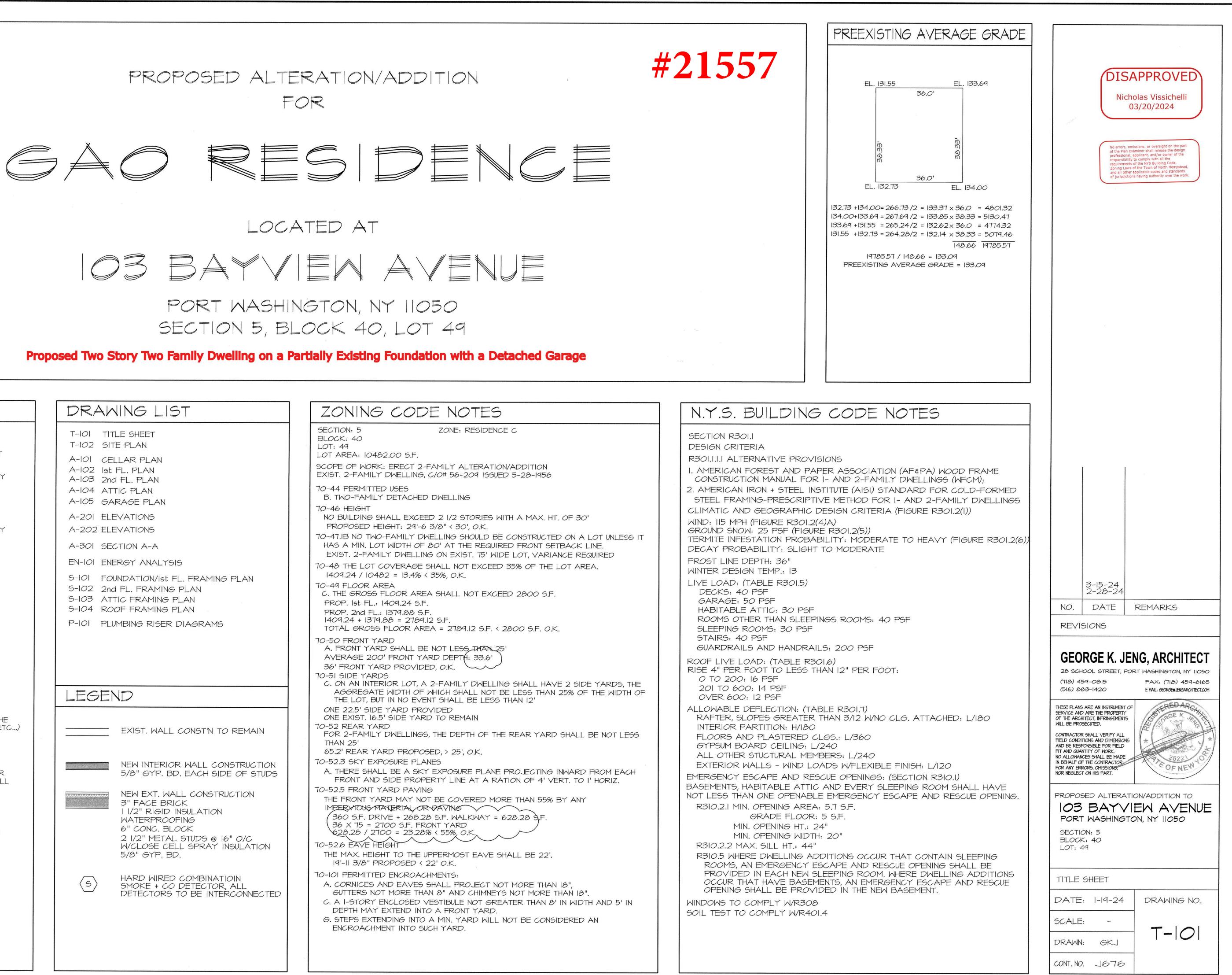
DISAPPROVED

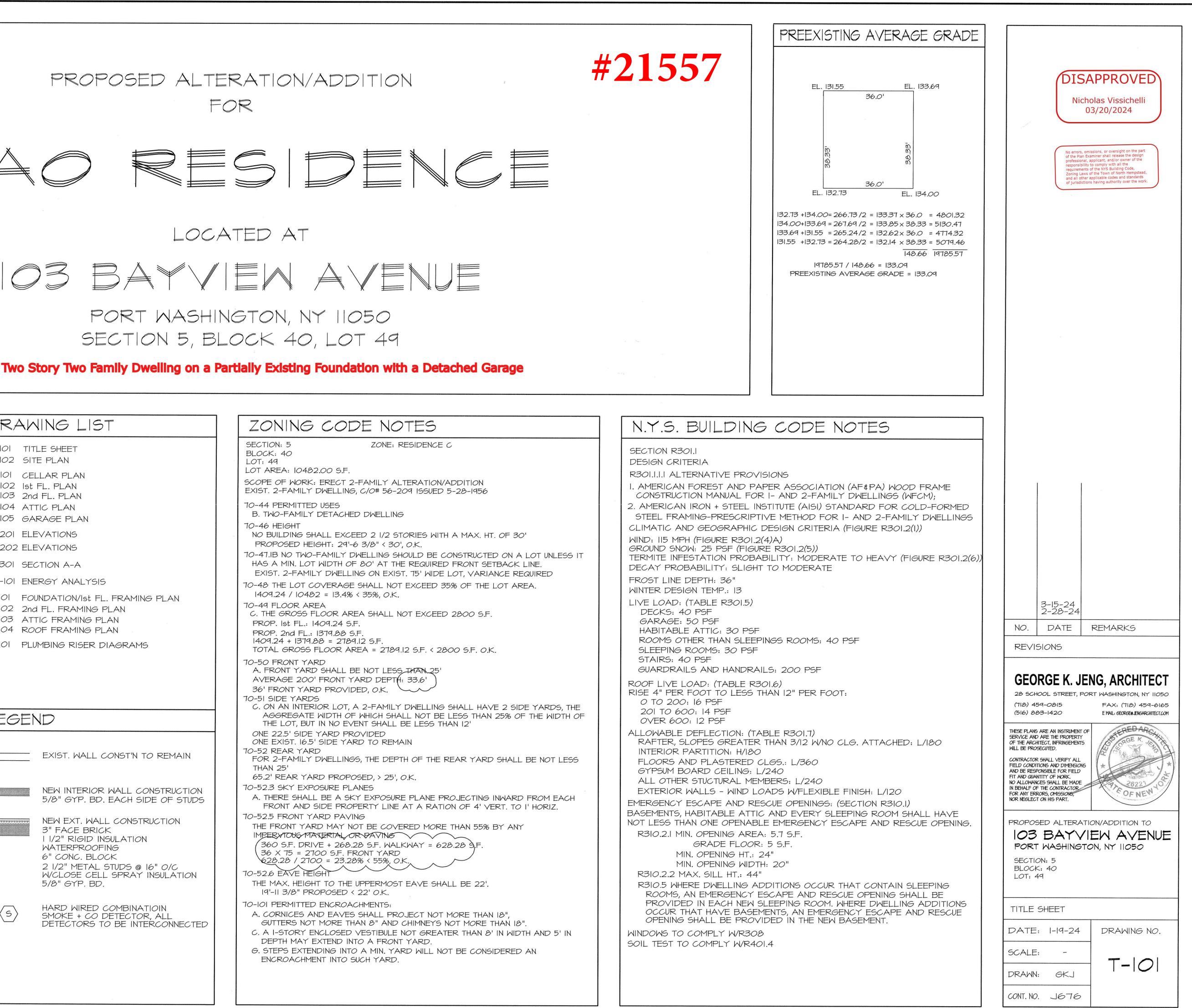
Nicholas Vissichelli 04/05/2024



AREA OF 1 STORY ADDITION



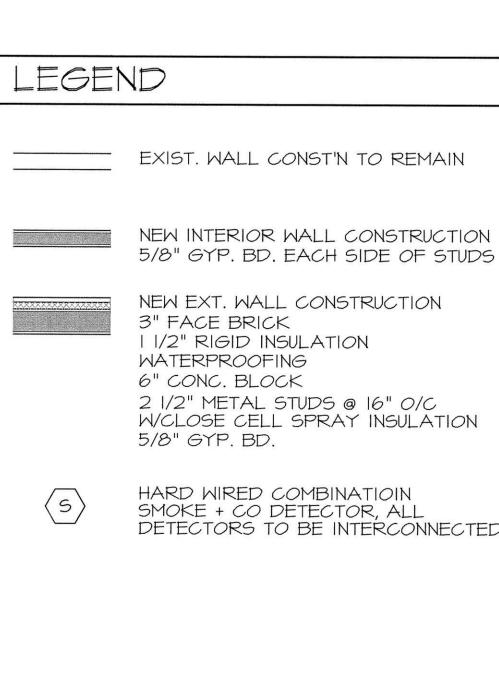




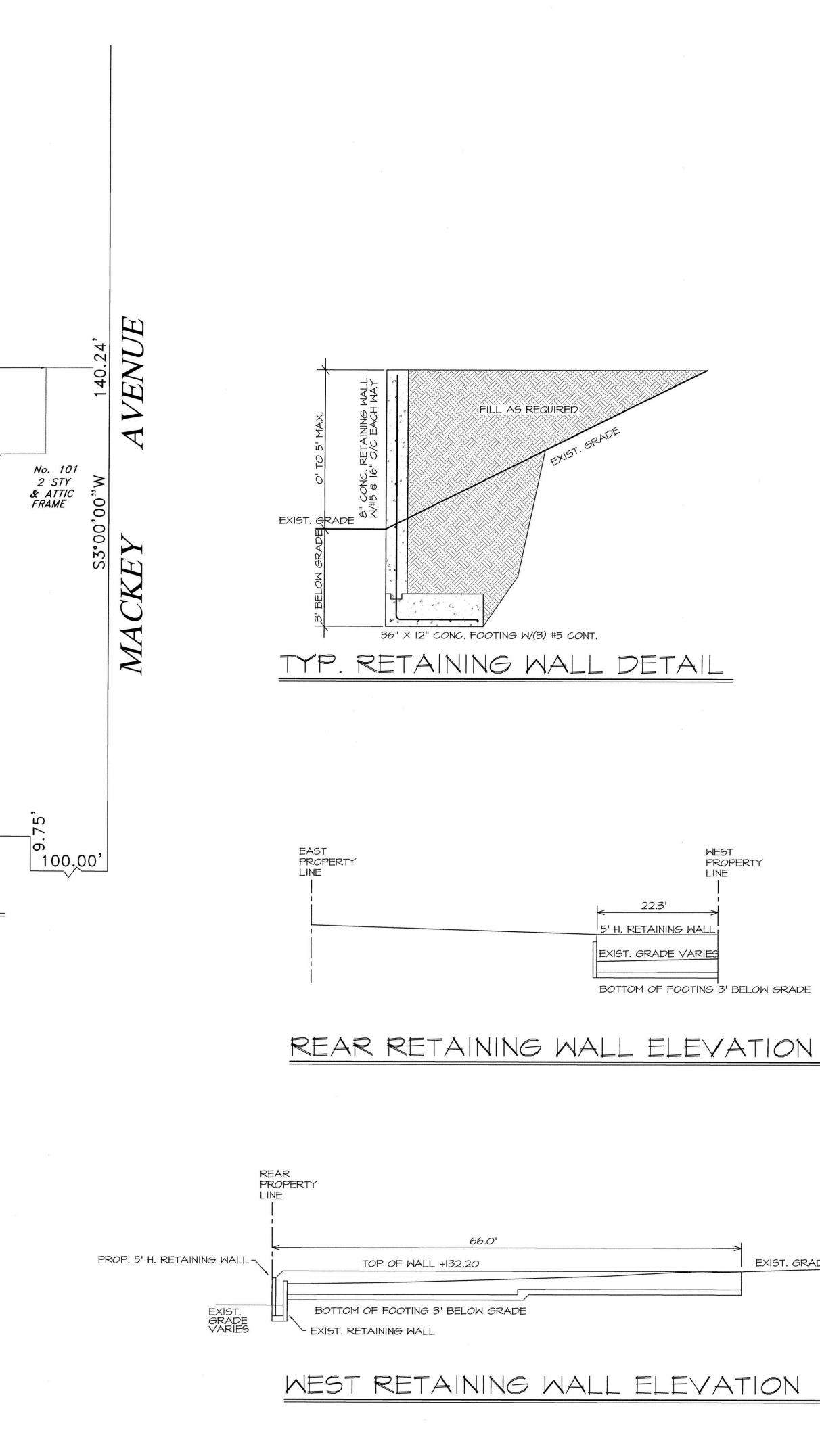
GENERAL NOTES

- I. ALL NOTES HEREIN MENTIONED, WITH THOSE ON THE VARIOUS DRAWINGS, SHALL APPLY TO ALL DRAWINGS AND FORM PART OF THE CONTRACT
- 2. EACH CONTRACTOR WILL BE HELD STRICTLY RESPONSIBLE FOR HIS WORK. ANY DISCREPANCIES IN THE PLANS OR DETAILS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT.
- ALL DIMENSIONS ARE TO BE VERIFIED PRIOR TO THE COMMENCEMENT OF WORK BY THE RESPECTIVE CONTRACTORS.
- 4. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS, AND DETAIL DRAWINGS OVER SMALLER SCALE DRAWINGS.
- 5. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. ARCHITECT'S OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS.
- 6. CONSTRUCTION SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES. ORDINANCES, RULES AND REGULATIONS PERTAINING TO LABOR AND MATERIALS.
- 7. ALL MATERIALS AND CONSTRUCTION TO BE INCORPORATED IN THE WORK SHALL BE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE A.S.T.M. SPECIFICATIONS APPLICABLE AND SHALL CONFORM TO THE STANDARDS AND RECOMMENDATIONS OF THE VARIOUS TRADE INSTITUTES (A.C.I., A.I.S.C., ETC ...) WHERE APPLICABLE.
- 8. ALL MATERIALS INCORPORATED INTO THE WORK SHALL BE NEW, EXCEPT AS NOTED.
- 9. CONTRACTORS SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS AND MIS-ALIGNMENT ACCORDING TO APPLICABLE CODES, STANDARDS AND GOOD PRACTICE.
- IO. ALL MASONRY WALLS ARE TO BE CARRIED UP AND SECURED TIGHT TO CONSTRUCTION ABOVE.
- II. ALL NEW CONSTRUCTION TO BE AS PER N.Y.S. BUILDING CODE.
- 12. ALL ELECTRICAL WORK TO CONFORM TO NATIONAL ELECTRICAL CODE.
- 13. ALL CONSTRUCTION TO CONFORM TO N.Y.S. ENERGY CODE.
- 14. GENERAL CONTRACTOR IS TO PROVIDE H.V.A.C. + ELECTRICAL + PLUMBING DESIGN AND DRAWINGS, SIGNED + SEALED BY A N.Y. STATE LICENSED PROFESSIONAL.

	TITLE SHEET SITE PLAN
A-102 A-103 A-104	CELLAR PLAN Ist FL. PLAN 2nd FL. PLAN ATTIC PLAN GARAGE PLAN
	ELEVATIONS ELEVATIONS
A-301	SECTION A-A
EN-IOI	ENERGY ANALYSIS
5-102	FOUNDATION/Ist FL. FRAMING PLAN 2nd FL. FRAMING PLAN ATTIC FRAMING PLAN ROOF FRAMING PLAN
P-101	PLUMBING RISER DIAGRAMS

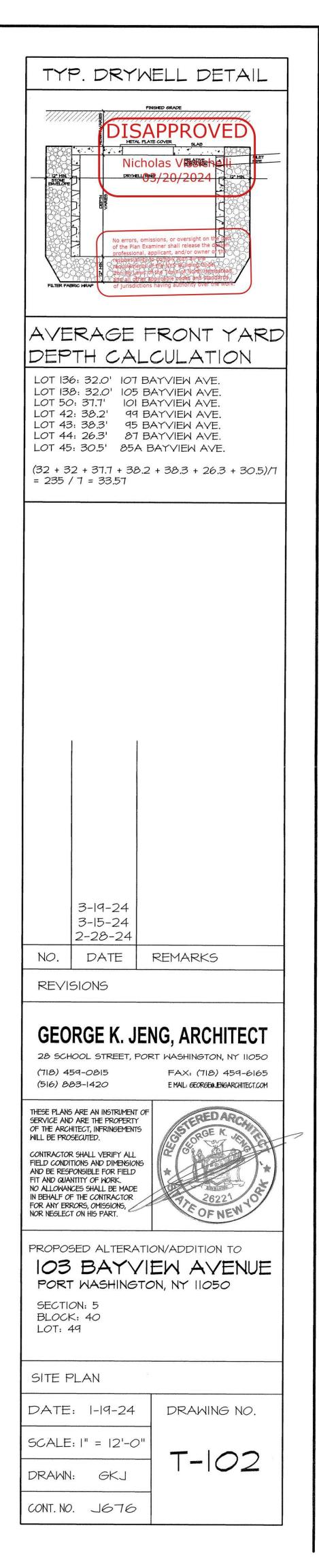


			No. 31 2 STY FRAME
PROP. 5' H. RETAINING WALL ALONG PROPERTY LINE	S87°44'00"E	75.01'	
C.BLK.WALL 2.0'S 0.3'W FOOTING LOWER TW 1000 VIE TW	N+132.20 PROP DRYWELLS	02:22" 10" E 02:22" 10" E 02:22" 10" E 02:22" 10" E 10" E	E+132.59 GRASS 3.0' E+133.95
1 39.28' PROP. CONC. DR#VEW	36.0'		±28.5'
No. 99 2 STY FRAME SV200.00.2N	PROP. 2-STORY PROP. 2-STORY 2-FAMILY DWELLING No. 103 2 STY FRAME	RASS A/C CONDENSING UNITS	GRASS + 17.0' + 111.00' HOYOD d GRASS HOYOD d HOYOD
GRASS	8.0' FRON	T RAISED RRACE	GRASS
CONCRETE SIDEWALK CRASS	N87°00'00"W	75.00' grass	CONCRETE SIDEWALK
BA J	YVIEW	AVENU	CONCRETE CURB
SITE PLAN		" = 2'-O"	
FRONT YARD PAVING PROPOSED FRONT YARD: 75' X 3 10' X 36' DRIVEWAY + 41.5' X 4' F 628.68 / 2700 = 23.28% < 55%, 6	36' = 2700 S.F. FRONT WALKWAY + 4' X 25.6	7' SIDE WALKWAY = 628.	68 S.F. PAVED AREA



DRAINAGE COMPUTATION: ROOFED AREA: 1409.24 + 298.67 = 1707.91 S.F. PAVED AREA: 644.39 + 59052 + 2629.17 = 3333.48 S.F. LANDSCAPED AREA: 5440.66 S.F. 1707.91 × 1 × 3 / 12 + 3333.48 × .85 × 3 / 12 + 5440.66 × .02 × 3 / 12 = 426.98 + 708.36 + 27.20 = 1162.54 CU.FT. REQ'D.

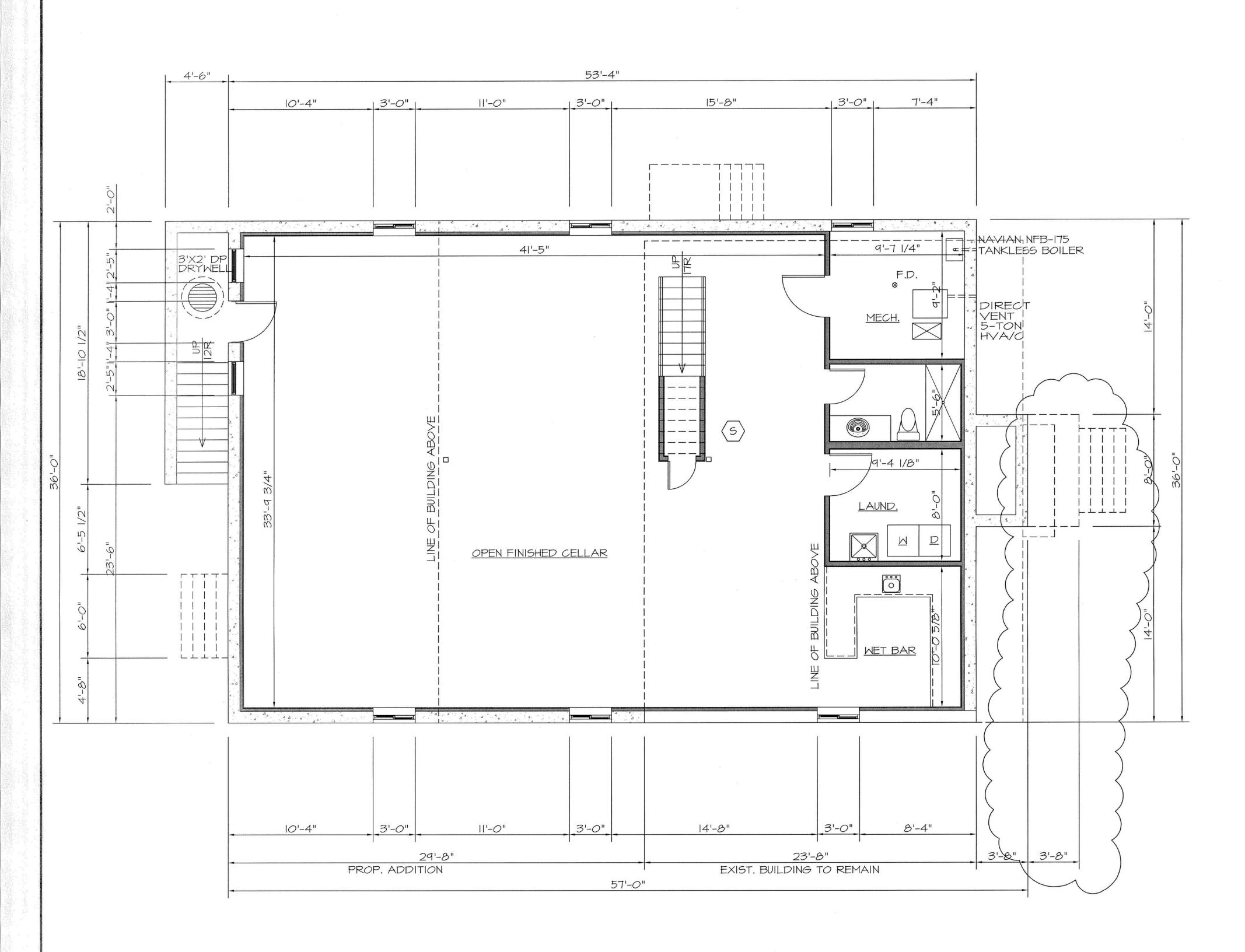
1162.54/68.42=16.99' OF 10'Φ DRYWELL REQ'D.
(2) 10'Φ X 9' DEEP DRYWELLS
= 18' DEEP DRYWELL PROV'D.



	FRONT PROPERTY LINE
DE VARIES	I

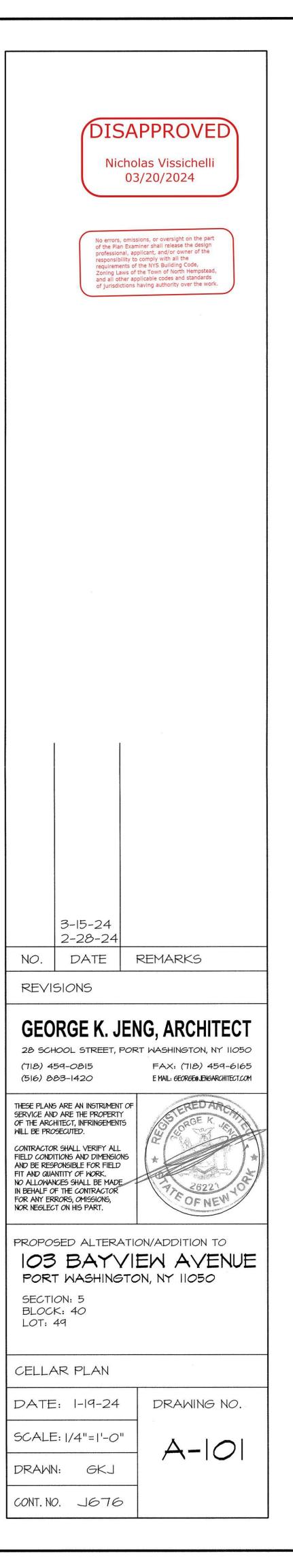
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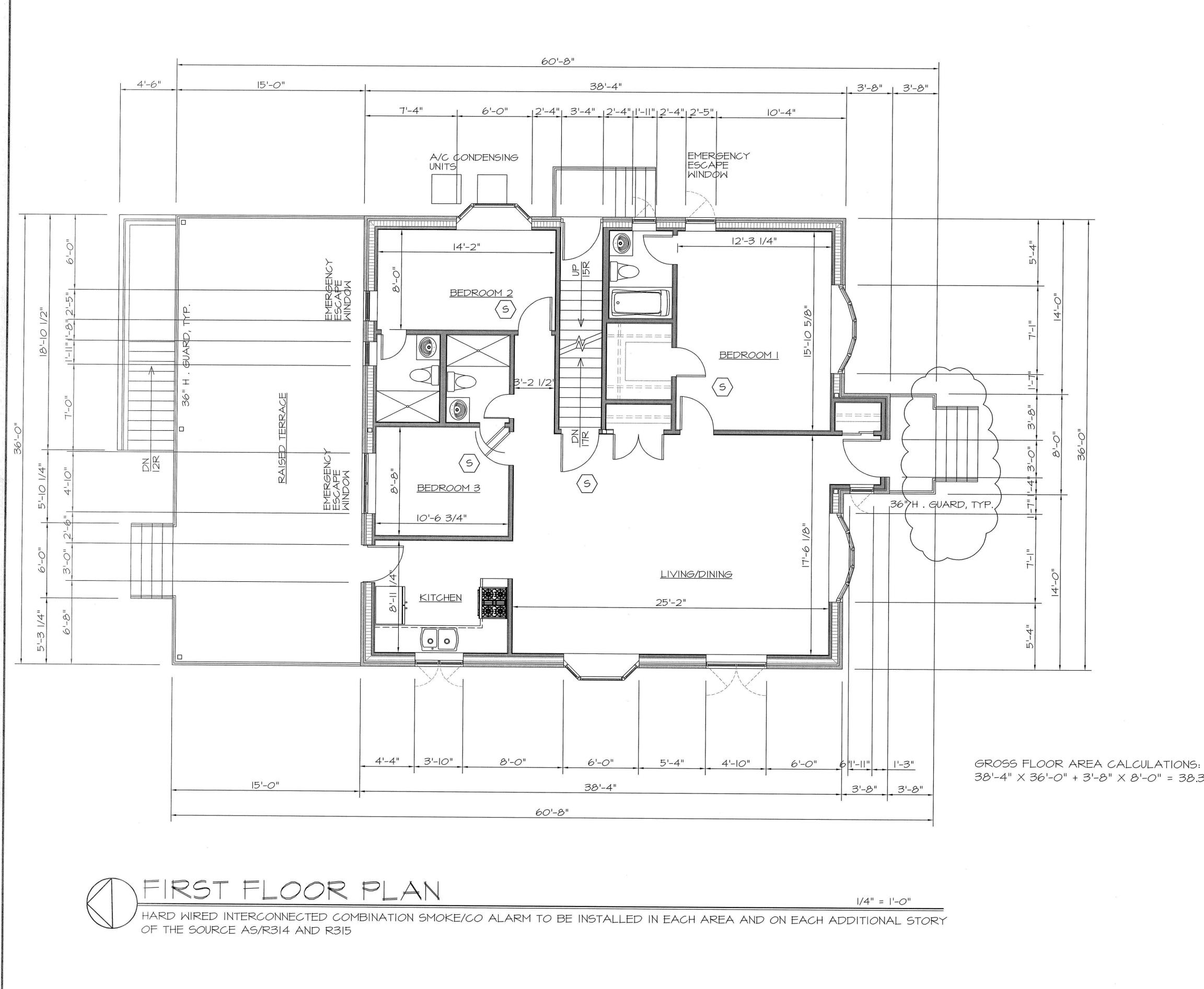
|" = |2'-0"

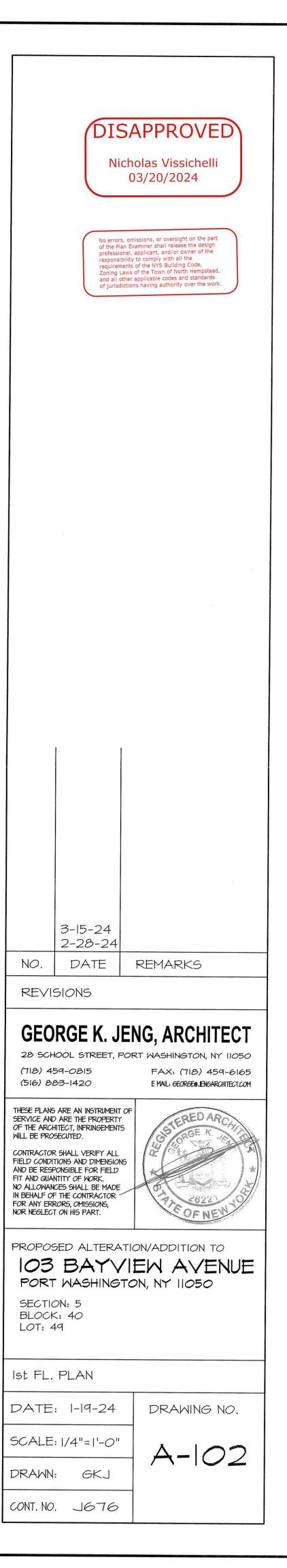


I. ALL STAIR HANDRAIL TO BE BETWEEN 34" AND 2. ALL GUARDRAIL TO BE 36" HIGH MIN, WITH INT

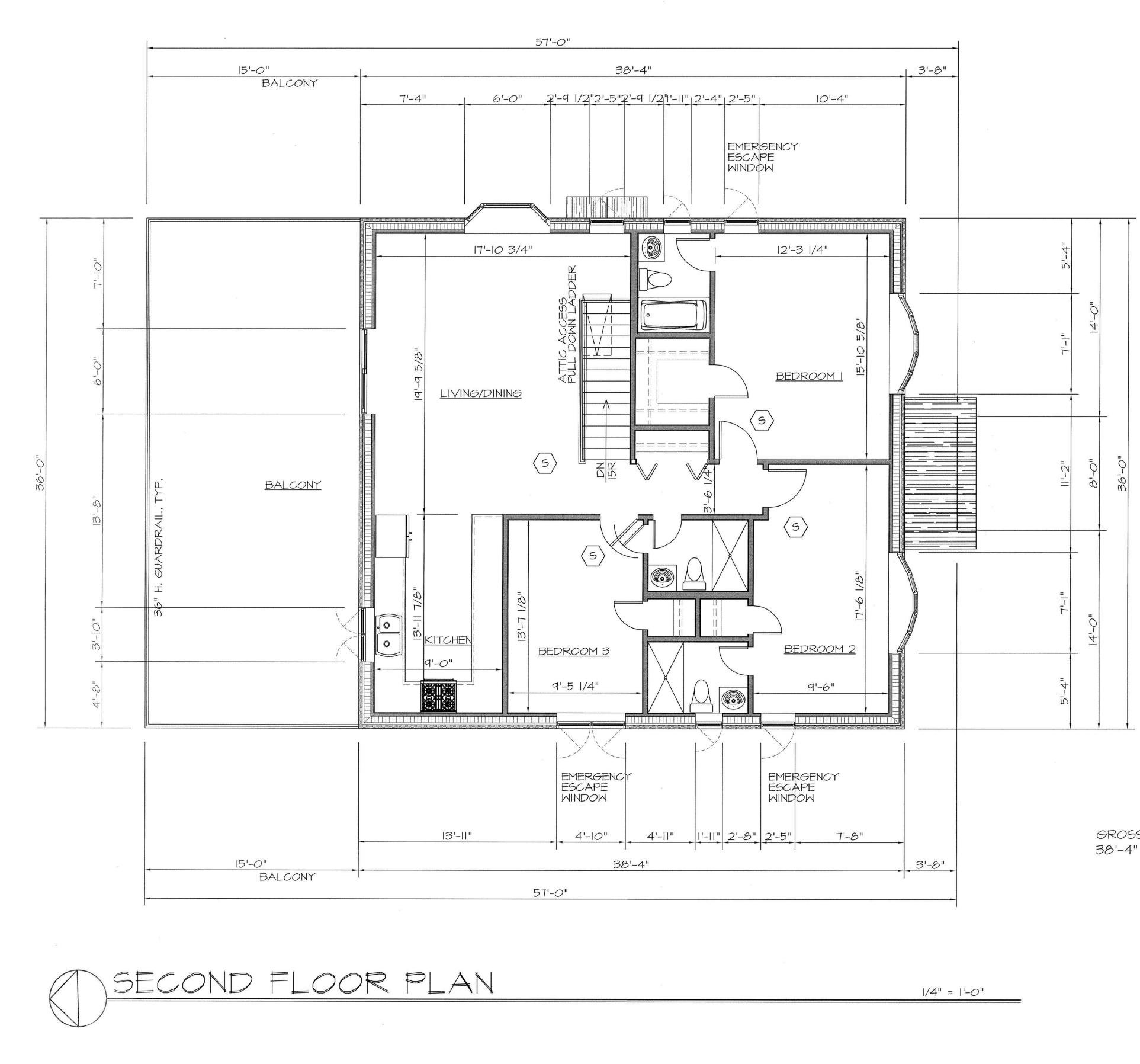
 ALL STAIR HANDRAIL TO BE BETWEEN 34" AND 38" HIGH COMPLY W/R311.7.8.1, TYPICAL
 ALL GUARDRAIL TO BE 36" HIGH MIN, WITH INTERMEDIATE RAILS WHICH DO NOT ALLOW PASSAGE OF A SPHERE 4" IN DIAMETER IN COMPLIANCE WITH R312, TYP.
 PROVIDE BACKWATER VALVE ON BATH ROOM & LAUNDRY ROOM SEWER LINE AS/P3008 |/4" = |'-0"





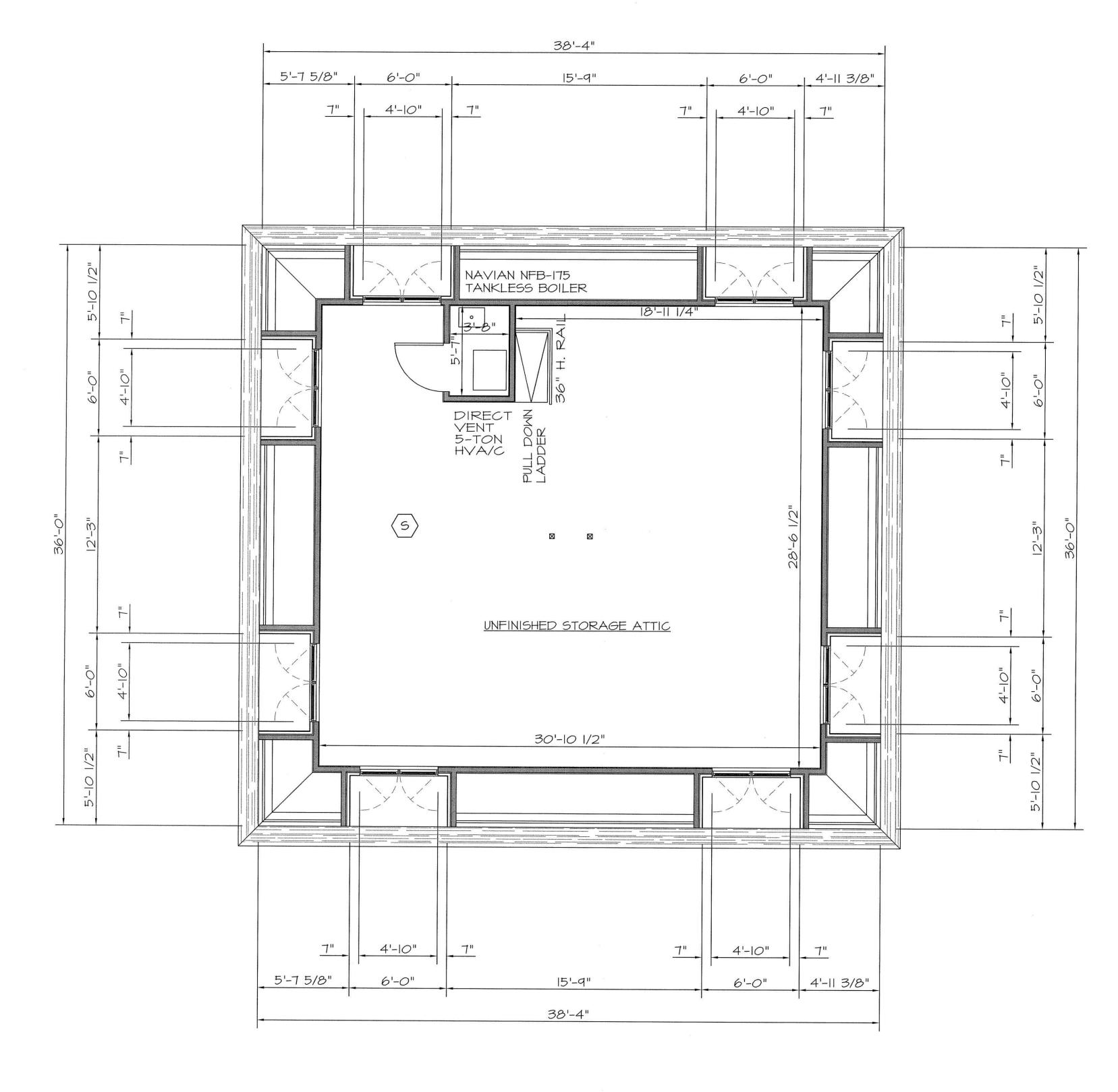


38'-4" × 36'-0" + 3'-8" × 8'-0" = 38.33 × 36 + 3.67 × 8 = 1409.24 S.F.



GROSS FLOOR AREA CALCULATIONS: 38'-4" × 36'-0" = 38.33 × 36 = 1379.88 S.F.

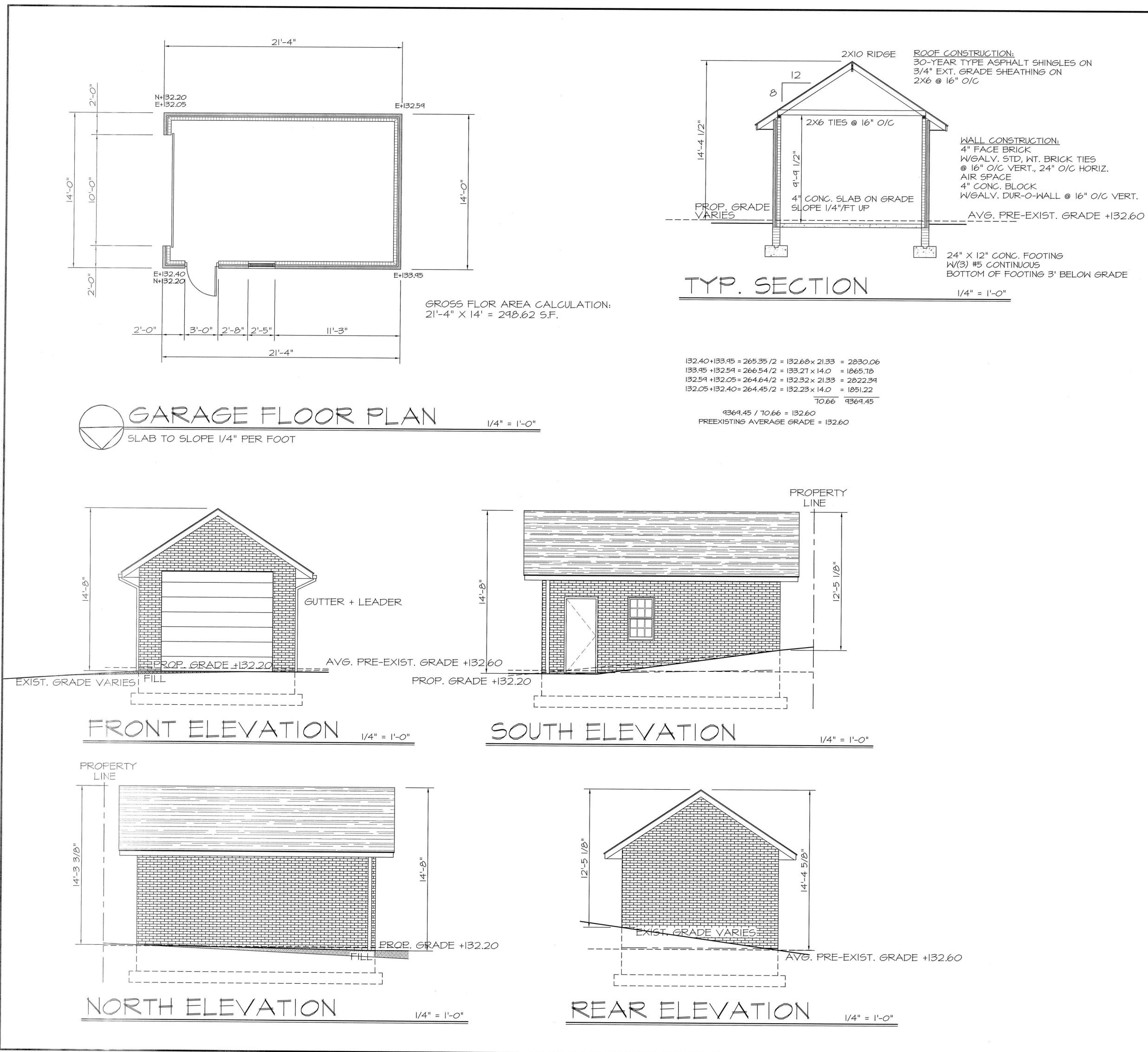
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2-28-24 NO. DATE REMARKS
REVISIONS
GEORGE K. JENG, ARCHITECT 28 SCHOOL STREET, PORT WASHINGTON, NY 11050 (718) 459-0815 (516) 883-1420 E MAIL: GEORGE A. ENGARCHITECT.COM
THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF THE ARCHITECT, INFRINGEMENTS WILL BE PROSECUTED. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS AND BE RESPONSIBLE FOR FIELD FIT AND QUANTITY OF WORK. NO ALLOWANCES SHALL BE MADE IN BEHALF OF THE CONTRACTOR FOR ANY ERRORS, OMISSIONS, NOR NEGLECT ON HIS PART.
PROPOSED ALTERATION/ADDITION TO IO3 BAYVIEW AVENUE PORT WASHINGTON, NY 11050 SECTION: 5 BLOCK: 40 LOT: 49
2nd FL. PLAN
DATE: 1-19-24 DRAWING NO.
SCALE: 1/4"=1'-0"
DRAWN: GKJ A-103
CONT. NO. 1676





1/4" = 1'-0"

Nich O No errors, om of the Plan Ex professional, i responsibility requirements Zoning Laws of	Approve the series of the series of the Series Seri
NO. DATE	REMARKS
REVISIONS	
GEORGE K. JEI	NG, ARCHITECT
	RT WASHINGTON, NY 11050 FAX: (718) 459-6165 E MAIL: EEOREE ENGARCHITECT.COM
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PROPOSED ALTERATION IO3 BAYVI PORT WASHINGTON SECTION: 5 BLOCK: 40 LOT: 49	EW AVENUE
ATTIC PLAN	
DATE: 1-19-24 GCALE: 1/4"=1'-0" DRAWN: GKJ	drawing no. $A - 104$
CONT. NO. 1676	



DISAPPROVED Nicholas Vissichelli 03/20/2024 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.

2-28-24 REMARKS NO. DATE REVISIONS

GEORGE K. JENG, ARCHITECT 28 SCHOOL STREET, PORT WASHINGTON, NY 11050 (718) 459-0815 FAX: (718) 459-6165 (516) 883-1420 E MAIL: GEORGEOJENGARCHITECT.COM THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF THE ARCHITECT, INFRINGEMENTS WILL BE PROSECUTED. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS AND BE RESPONSIBLE FOR FIELD FIT AND QUANTITY OF WORK.

NO ALLOWANCES SHALL BE MADE IN BEHALF OF THE CONTRACTOR FOR ANY ERRORS, OMISSIONS, NOR NEGLECT ON HIS PART GENER PROPOSED ALTERATION/ADDITION TO 103 BAYVIEW AVENUE PORT WASHINGTON, NY 11050

SECTION: 5 BLOCK: 40 LOT: 49

GARAGE PLAN + ELEVATIONS

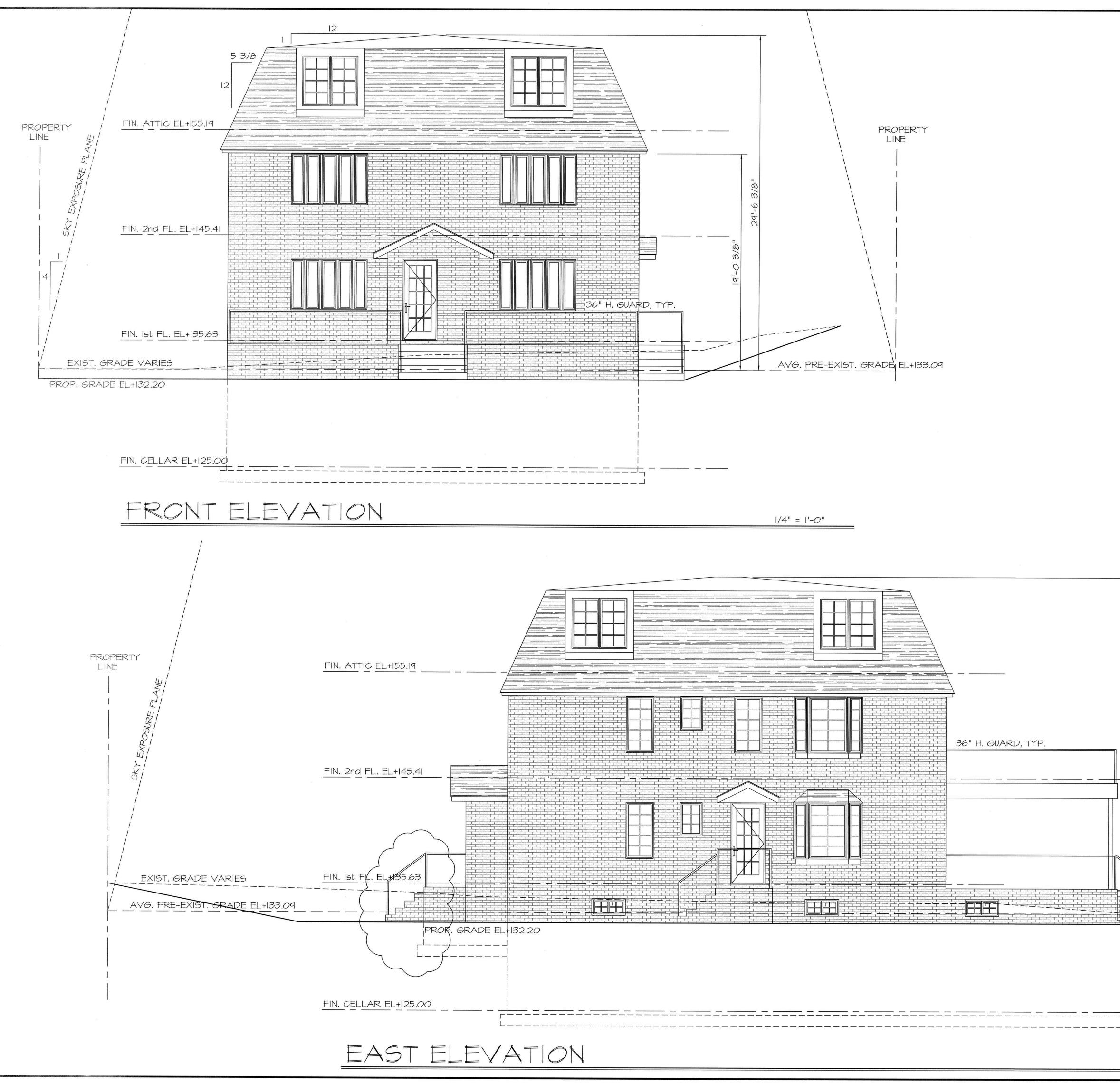
DRAWING NO.

A-105

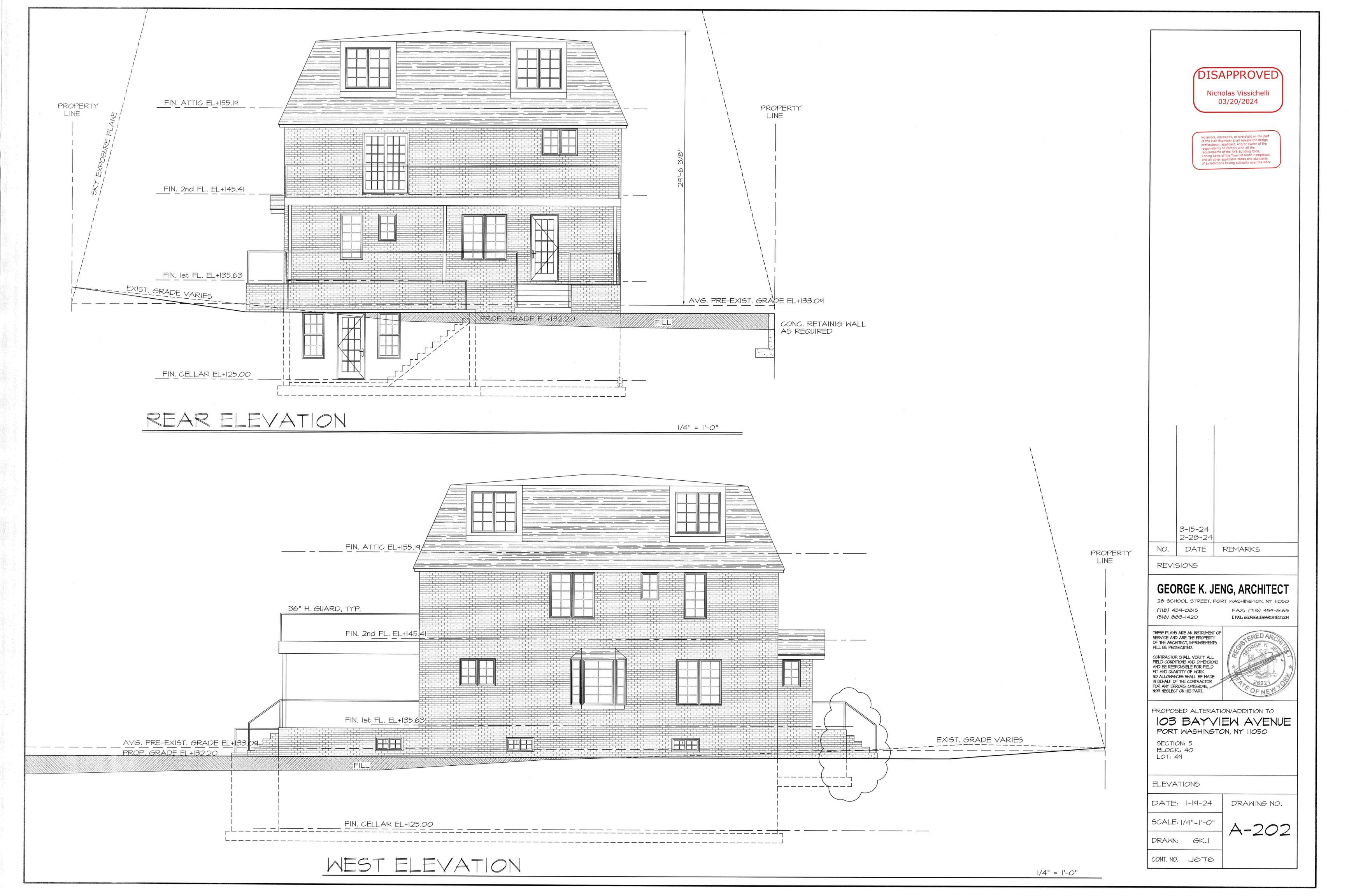
SCALE: 1/4"=1'-0" DRAWN: GKJ

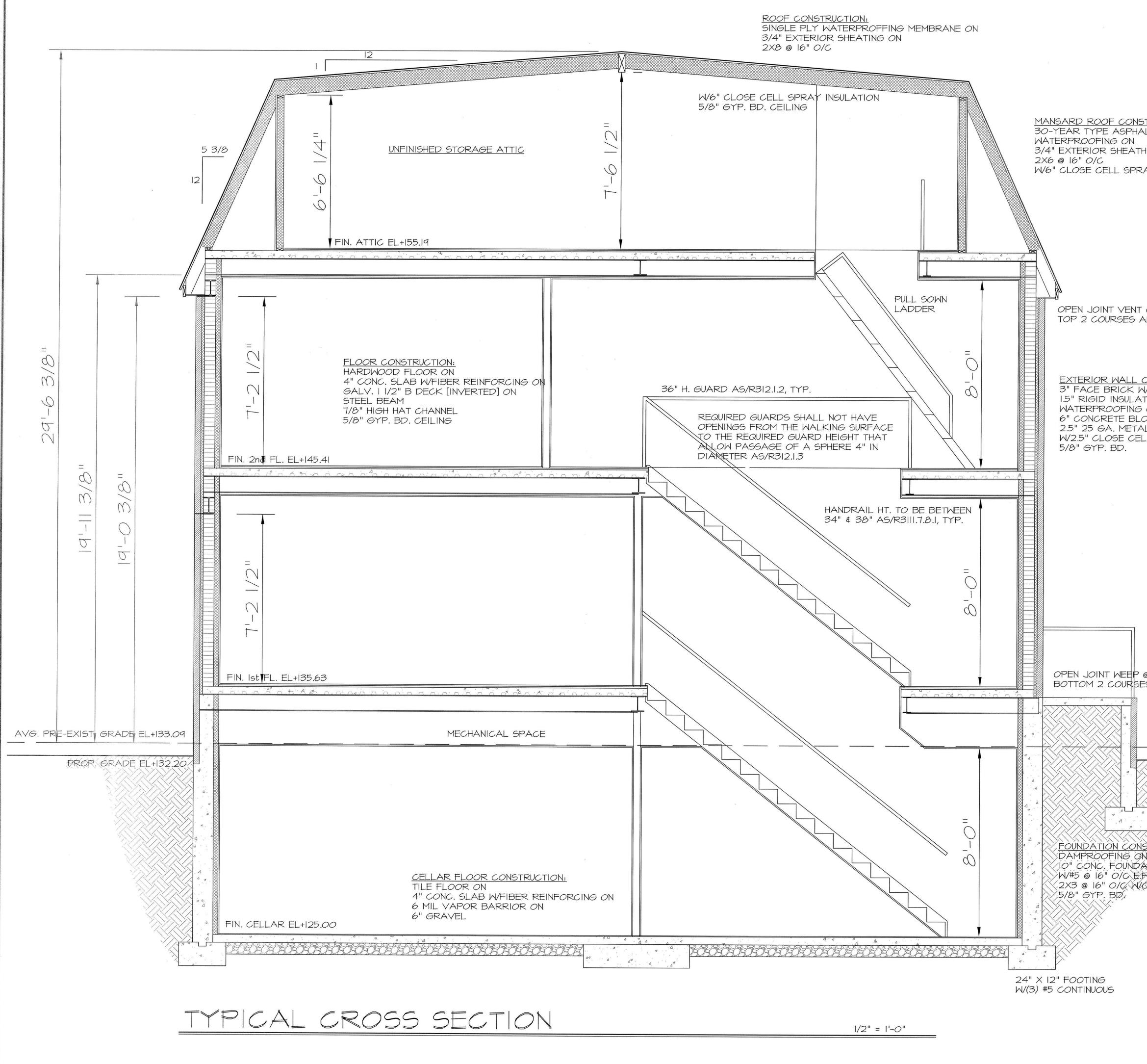
DATE: 1-19-24

CONT. NO. 1676



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J∂J	3-15-24 2-28-24 NO. DATE REMARKS REVISIONS REVISIONS BEORGE K. JENG, ARCHITECT 28 SCHOOL STREET, PORT WASHINGTON, NY 11050
	(TIB) 459-0815 (516) 883-1420 THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF THE ARCHITECT, INFRINGEMENTS NILL BE PROSECUTED. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS AND BE RESPONSIBLE FOR FIELD FIT AND GUANTITY OF WORK. NO ALLONANCES SHALL BE MADE IN BEHALF OF THE CONTRACTOR FOR ANY ERRORS, OMISSIONS, NOR NEGLECT ON HIS PART. PROPOSED ALTERATION/ADDITION TO IOS BAY VIEW AVENUE PORT WASHINGTON, NY 11050 SECTION: 5 BLOCK: 40 - LOT: 49
/4" = '- <i>O</i> "	ELEVATIONS DATE: 1-19-24 SCALE: 1/4"=1'-0" DRAWN: GKJ CONT. NO. J676





T <u>RUCTION:</u> T SHINGLES ON ING ON AY INSULATION	<section-header><section-header></section-header></section-header>
9 24" <i>O/C</i> TERNATE	
<u>ONSTRUCTION:</u> GALV. BRICK TIES @ 16" O/C VERT.; 24" O/C HORIZ. ON ON N CK STUDS @ 16" O/C . SPRAY INSULATION	
24" O/C ALTERNATE PROP. GRADE VERIES	NO. DATE REMARKS REVISIONS GEORGE K. JENG, ARCHITECT
PROP.	28 SCHOOL STREET, PORT WASHINGTON, NY 11050 (718) 459–0815 (516) 883–1420 THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF THE ARCHITECT, INFRINGEMENTS WILL BE PROSECUTED. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS AND BE RESPONSIBLE FOR FIELD FIT AND QUANTITY OF WORK. NO ALLOWANCES SHALL BE MADE IN BEHALF OF THE CONTRACTOR FOR ANY ERRORS, OMISSIONS, NOR NEGLECT ON HIS PART.
ŔŲĊŢĮQŃĊ ŀÓŇ ŻŊ QSE (CEKI (SPRAK (NSULATION)	PROPOSED ALTERATION/ADDITION TO IO3 BAYVIEW AVENUE PORT WASHINGTON, NY 11050 SECTION: 5 BLOCK: 40 LOT: 49 SECTION
	DATE: I-19-24 DRAWING NO. SCALE: I/2"=1'-O" A-301 DRAWN: GKJ CONT. NO. J676

2020 ENERGY (ONSERVATION CONSTRUCTION CODE
2020 LILIOI UL	JNJEN ANON OUNJINOUNON OUDE
CLIMATE ZONE: 4A (TABLE R301.1)	
R302.1 THE INTERIOR DESIGN TEMP MAX. OF 72°F FOR HEATING AND	PERATURES USED FOR HEATING AND COOLING LOAD CALCULATIONS SH, MIN. OF 75°F FOR COOLING.
DEFAULT GLAZED FENESTRATION FRAME TYPE: NONMETAL OR ME DOUBLE PANE: 0.55	
DEFAULT DOOR U-FACTORS (TABL WOOD: 0.50 INSULATED, NONMETAL EDGE, MA	LE R303.1.3(2)) AX. 45% GLAZING, ANY GLAZING DOUBLE PANE: 0.35
DEFAULT GLAZED FENESTRATION SHGC: CLEAR DOUBLE GLAZED VT: CLEAR DOUBLE GLAZED: O	SHGC AND VT (TABLE R303.1.3(3)) : 0.7
FENESTRATION U-FACTOR: SKYLIGHT U-FACTOR: CEILING R-VALUE: MASS WALL R-VALUE: FLOOR R-VALUE:	0.55 49
EQUIVALENT U-FACTORS (TABLE R FENESTRATION U-FACTOR: SKYLIGHT U-FACTOR: CEILING U-FACTOR: MASS WALL U-FACTOR: FLOOR U-FACTOR: BASEMENT WALL U-FACTOR:	0.32 0.55 0.026 0.098 0.047
REQUIREING INSULATION SHALL SA R-38 INSULATION EXTENDS OVER	EQUIRES R-49 IN THE CEILING, INSTALLING R-38 OVER 100% OF THE CEI ATISFY THE REQ'T FOR R-49 INSULATION WHEREVER THE FULL HEIGHT O THE WALL TOP PLATE AT THE EAVES. THIS REDUCTION SHALL NOT APF ACH IN SECTION R402.104 AND THE TOTAL VA ALTERNATIVE IN SECT. R4
	H CONDITIONED BASEMENTS SHALL BE INSULATED FROM THE TOP OF THE OR TO THE BASEMENT FLOOR, WHICHEVER IS LESS.
CAPABLE OF CONTROLLING THE ATURE SETPOINTS AT DIFFERENT TEMPORARILY OPERATE THE SYS 85°F. THE THERMOSTAT SHALL BE	DLLING THE PRIMARY HEATING OR COOLING SYSTEM OF THE DWELLING IN HEATING AND COOLING SYSTEM ON A DAILY SCHEDULE TO MAINTAIN DI TIMES OF THE DAY. THIS THERMOSTAT SHALL INCLUDE THE CAPABILITY FIEM TO MAINTAIN ZONE TEMPERATURES OF NOT LESS THAN 55°F TO NO E PROGRAMMED INITIALLY BY THE MANUFACURER WITH A HEATING TEMP P°F AND A COOLING TEMPERATURE SETPOINT OF NOT LESS THAN 78°F.

POINT OF NOT GREATER THAN TO'F AND A COOLING TEMPERATURE SETPOINT OF NOT LESS THAN 18°F. R403.2 HOT WATER BOILERS THAT SUPPLY HEAT TO THE BUILDING THROUGH I- OR 2-PIPE HEATING SYSTEMS SHALL HAVE AN OUTDOOR SETBACK CONTROL THAT DECREASE THE BOILER WATER TEMPERATURE BASED ON THE OUTDOOE TEMPERATURE.

R403.4 MECHANICAL SYSTEM PIPING CAPABLE OF CARRYING FLUIDS GREATER THAN 105°F OR LESS THAN 55°F SHALL BE INSULATED TO AN R-VALUE OF NOT LESS THAN R-3.

R403.5.1.1 HEATED WATER CIRCULATION SYSTEMS SHALL BE PROVIDED WITH A CIRCULATION PUMP. THE SYSTEM RETURN PIPE SHALL BE A DEDICATED RETURN PIPE OR A COLD WATER SUPPLY PIPE. CONTROLS FOR CIRCULATING HOT WATER SYSTEM PUMPS SHALL START THE PUMP BASED ON THE IDENTIFICATION OF A DEMAND FOR HOT WATER WITHIN THE OCCUPANCY. THE CONTROLS SHALL AUTOMATICALLY TURN OFF THE PUMP WHEN THE WATER IN THE CIRCULATION LOOP IS AT THE DESIRED TEMPERATURE AND WHEN THERE IS NO DEMAND FOR HOT WATER.

R403.5.E INSULATION FOR HOT WATER PIPING WITH A THERMAL RESISTANCE, R-VALUE, OF NOT LESS THA R-3 SHALL BE APPLIED TO THE FOLLOING:

I. PIPE 3/4" AND LARGER IN NOMINAL DIAMETER

4. PIPING FROM THE WATER HEATER TO A DISTRUBUTION MANIFOLD

7. SUPPLY AND RETURN PIPING IN RECIRCULATION SYSTEMS OTHER THAN DEMAND RECIRDULATION SYSTEMS WHOLE-HOUSE MECHANICAL VERTILATION SYSTEM FAN EFFICACY (TABLE R403.6.1)

FAN LOCATION	AIR FLOW RATE MIN. (CFM)	MIN. EFFICACY (CFM/WATT)	AIR FLOW RATE MAX.
HRV OR ERV	ANY	I.2 CFM/WATT	ANY
RANGE HOODS	ANY	2.8 CFM/WATT	ANY
IN-LINE FAN	ANY	2.8 CFM/WATT	ANY
BATH, UTILITY ROOM	10	I.4 CFM/WATT	<90
BATH, UTILITY ROOM	90	2.8 CFM/WATT	ANY

R404.1 NOT LESS THAN 90% OF THE PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL CONTAIN ONLY HIGH-EFFICACY LAMPS.

ENERGY CODE CALCULATIONS

	Contraction of the second second second
FLAT ROOF CONSTRUCTION OUTSIDE AIR WATERPROOFING MANBRANE 3/4" SHEATHING 7" CLOSE CELL SPARY INDOOR AIR	0.17 0.15 2.06 49.0
TOTAL R-VALUE: U-FACTOR	52.06 0.019
MANSARD ROOF CONSTRUCTION	0.17

OUTSIDE AIR	0.17
ASPHALT SHINGLES	0.44
3/4" SHEATHING	2.06
6" CLOSE CELL SPARY	42.0
AIR SPACE	0.96
3/4" SHEATHING	2.06
INDOOR AIR	0.68
TOTAL R-VALUE:	48.37
U-FACTOR	0.020

EXT. WALL CONSTRUCTION	1
AIR FILM OUTSIDE	0.17
3" FACE BRICK	0.33
I 1/2" RIGID INSULATION	10.0
WATERPROOFING	0.06
6" CONC. BLOCK	1.95
2 1/2" CLOSE CELL INSUL.	17.5
5/8" GYP. BD.	0.68
INDOOR AIR	0.68
TOTAL R-VALUE:	31.37
U-FACTOR:	0.031

ALL WINDOWS TO BE PELLA LIFESTYLE, LOW E W/ARGON INSULATED OR EQUAL MIN. U= 0.32 SHGC:0.27

ALL EXTERIOR DOORS TO BE PELLA INSWING WOOD FRAME FIBERGLASS INSULATED DOORS OR EQUAL MIN. U= 0.19



HALL BE A

EILING AREA OF UNCOMPRESSED PPLY TO THE R402.1.5. THE BASEDMENT

UNIT SHALL BE DIFFERENT TEMPER-TY TO SET BACK OR NOT GREATER THAN MPERATURE SET-

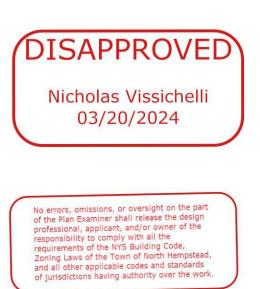
<u>X. (CFM)</u>



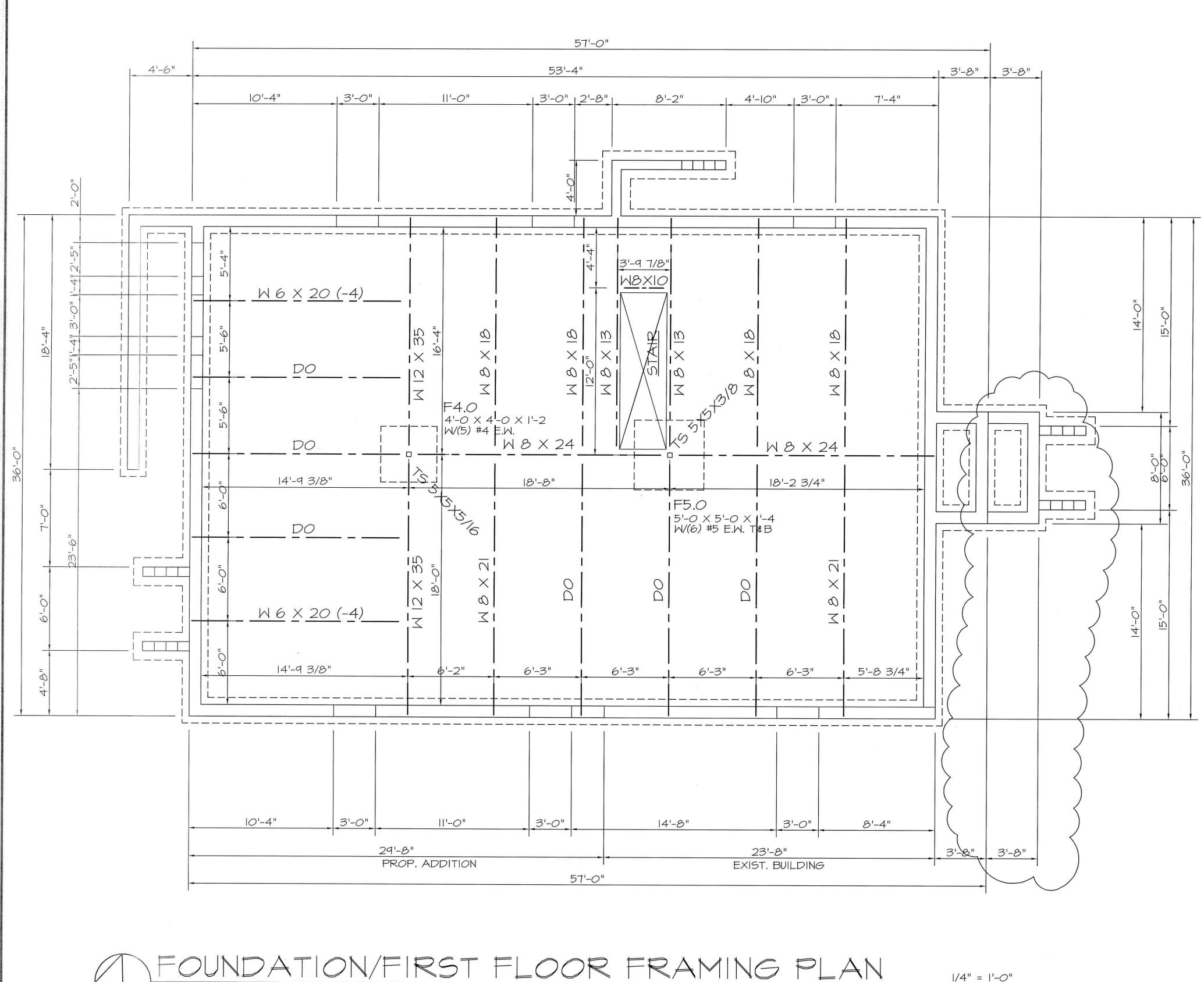
CELAR/FOUNDATION CONSTRU	JCTION
OUTSIDE AIR	0.17
FELT	0.06
10" CONC. FOUNDATION	1.10
2 1/2" CLOSE CELL INSUL.	17.5
5/8" GYP. BD.	0.68
INDOOR AIR	0.68
TOTAL R-VALUE:	19.09

U-FACTOR:

0.052



		PROPOSED ALTERATI	EW AVENUE
REVISIONS		SECTION: 5 BLOCK: 40	
GEORGE K. JENG, ARCHITECT		LOT: 49	
28 SCHOOL STREET, POR	RT WASHINGTON, NY 11050		
(718) 459-0815 (516) 883-1420	FAX: (718) 459-6165 E MAIL: ECOREELENGARCHITECT.COM	ENERGY ANALYSI	5
THESE PLANS ARE AN INSTRUMENT OF SERVICE AND ARE THE PROPERTY OF THE ARCHITECT, INFRINGEMENTS	STERED ARCAN	DATE: 12-23-23	DRAWING NO.
WILL BE PROSECUTED. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS	G CONCERNENCE	SCALE: 1/4"=1'-0"	
AND BE RESPONSIBLE FOR FIELD FIT AND QUANTITY OF WORK. NO ALLOWANCES SHALL BE MADE IN BEHALF OF THE CONTRACTOR	26221 8	DRAWN: GKJ	EN-IOI
FOR ANY ERRORS, OMISSIONS, NOR NEGLECT ON HIS PART.	FOFNEN	CONT. NO. 1676	

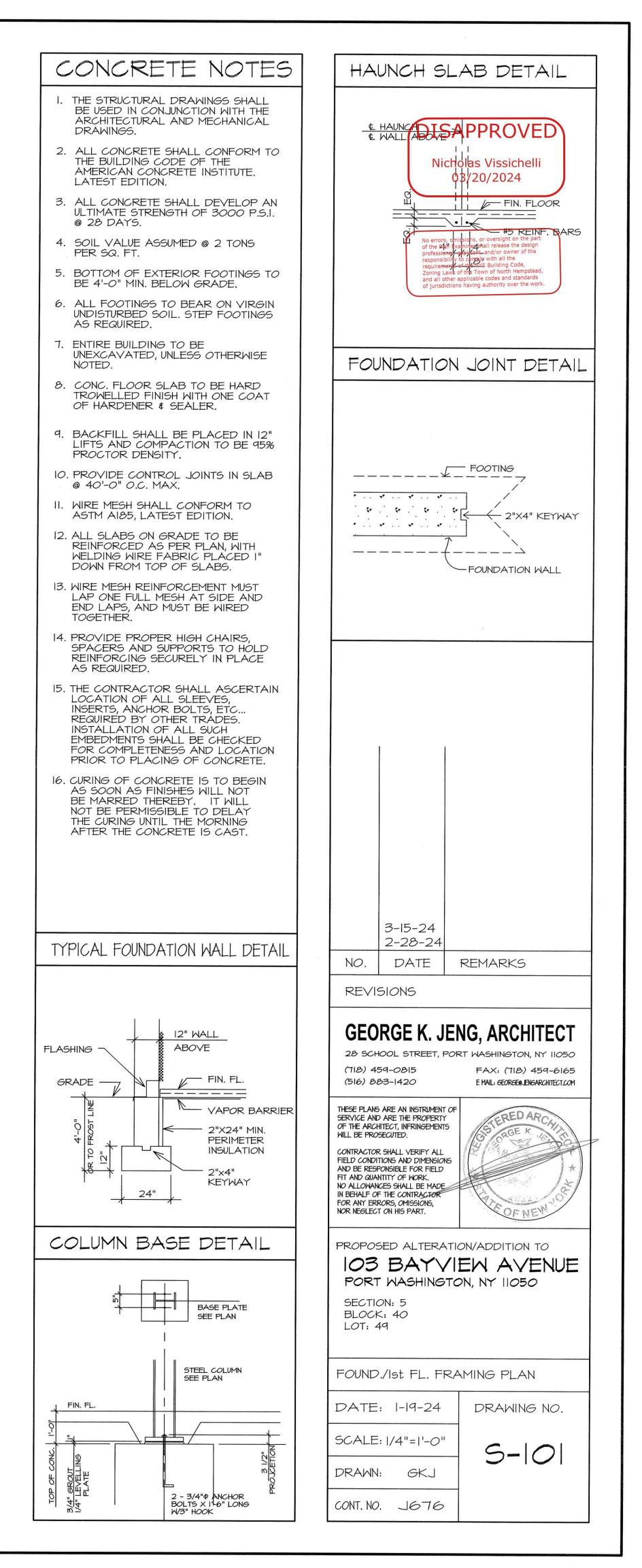


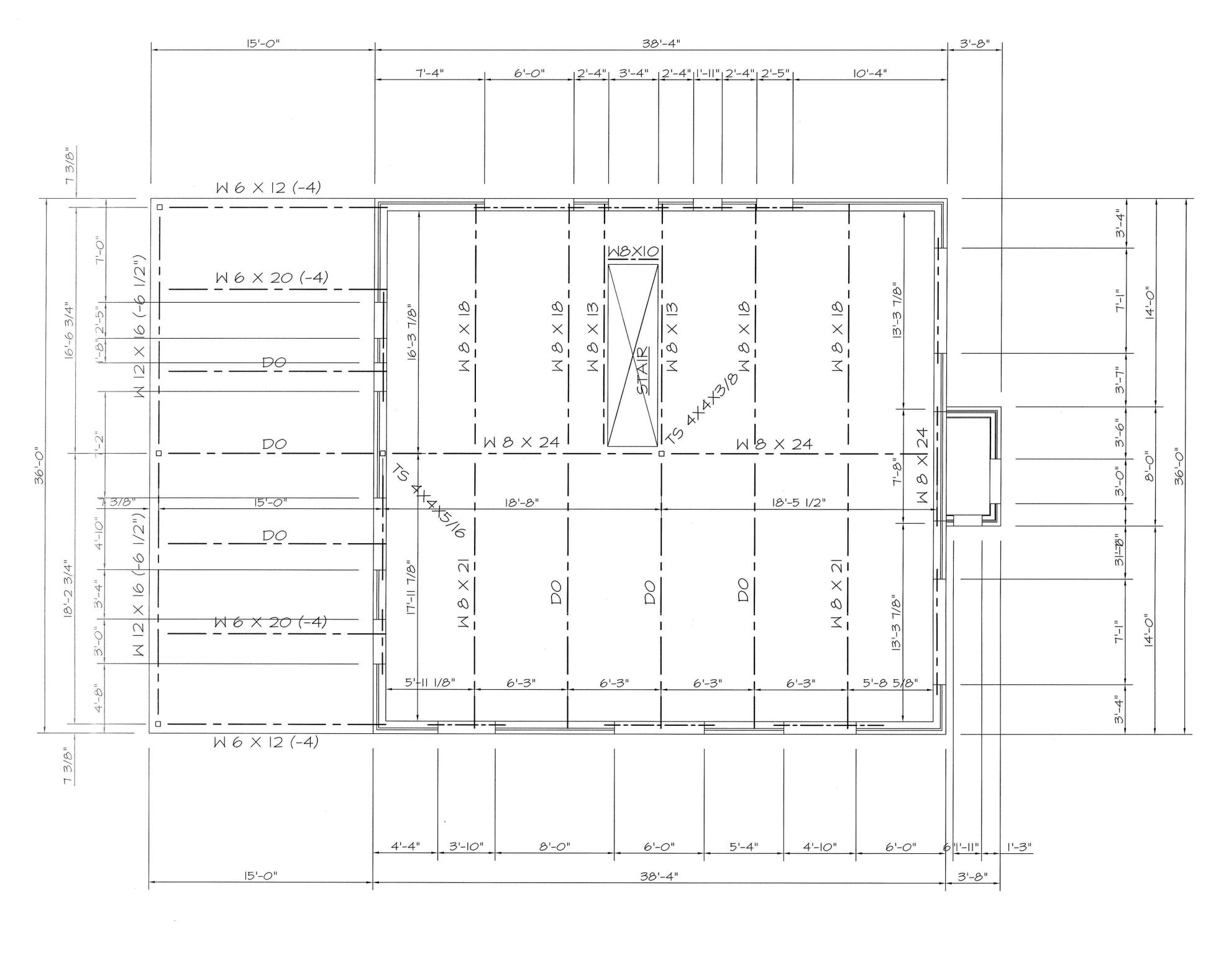
CONCRETE TO BE 4,000 P.S.I. 2. METAL DECK TO BE GALV. 1 1/2" 18 GA. B DECK (INVERTED) 3. 4" FLOOR SLAB W/6"X6"; WI.4, WI.4 W.W.M. REINFORCING

|/4" = |'-0"

LIVE LOAD: DEAD LOAD: 50 P.S.F. MISC. LOAD: 15 P.S.F. TOTAL LOADS: 105 P.S.F.

40 P.S.F.

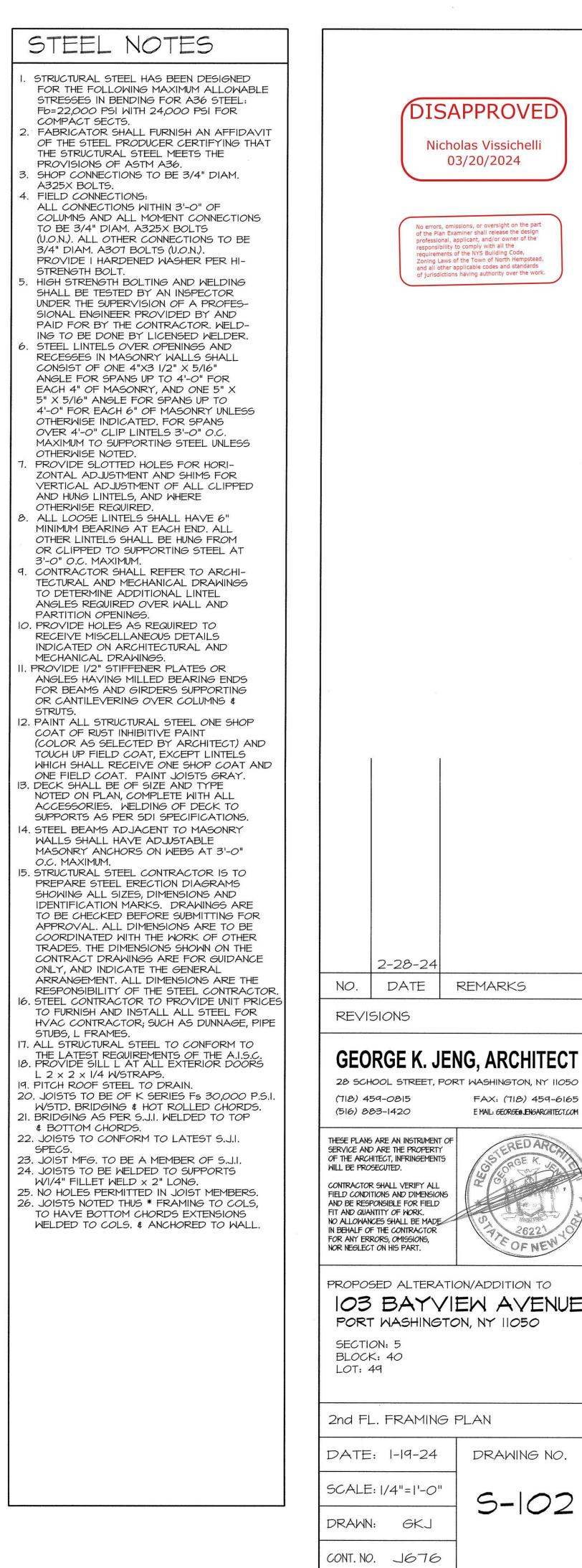






|/4" = |'-0"

LIVE LOAD: 40 P.S.F. DEAD LOAD: 50 P.S.F. MISC. LOAD: 15 P.S.F. TOTAL LOADS: 105 P.S.F.



Nicholas Vissichelli 03/20/2024 No errors, omissions, or oversight on the part of the Plan Examiner shall release the design 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. 2-28-24 DATE REMARKS REVISIONS **GEORGE K. JENG, ARCHITECT**

FAX: (718) 459-6165

E MAIL: GEORGEO, JENGARCHITECT. COM

OFNEW

(718) 459-0815 (516) 883-1420

SERVICE AND ARE THE PROPERTY OF THE ARCHITECT, INFRINGEMENTS CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS AND BE RESPONSIBLE FOR FIELD FIT AND QUANTITY OF WORK. NO ALLOWANCES SHALL BE MADE

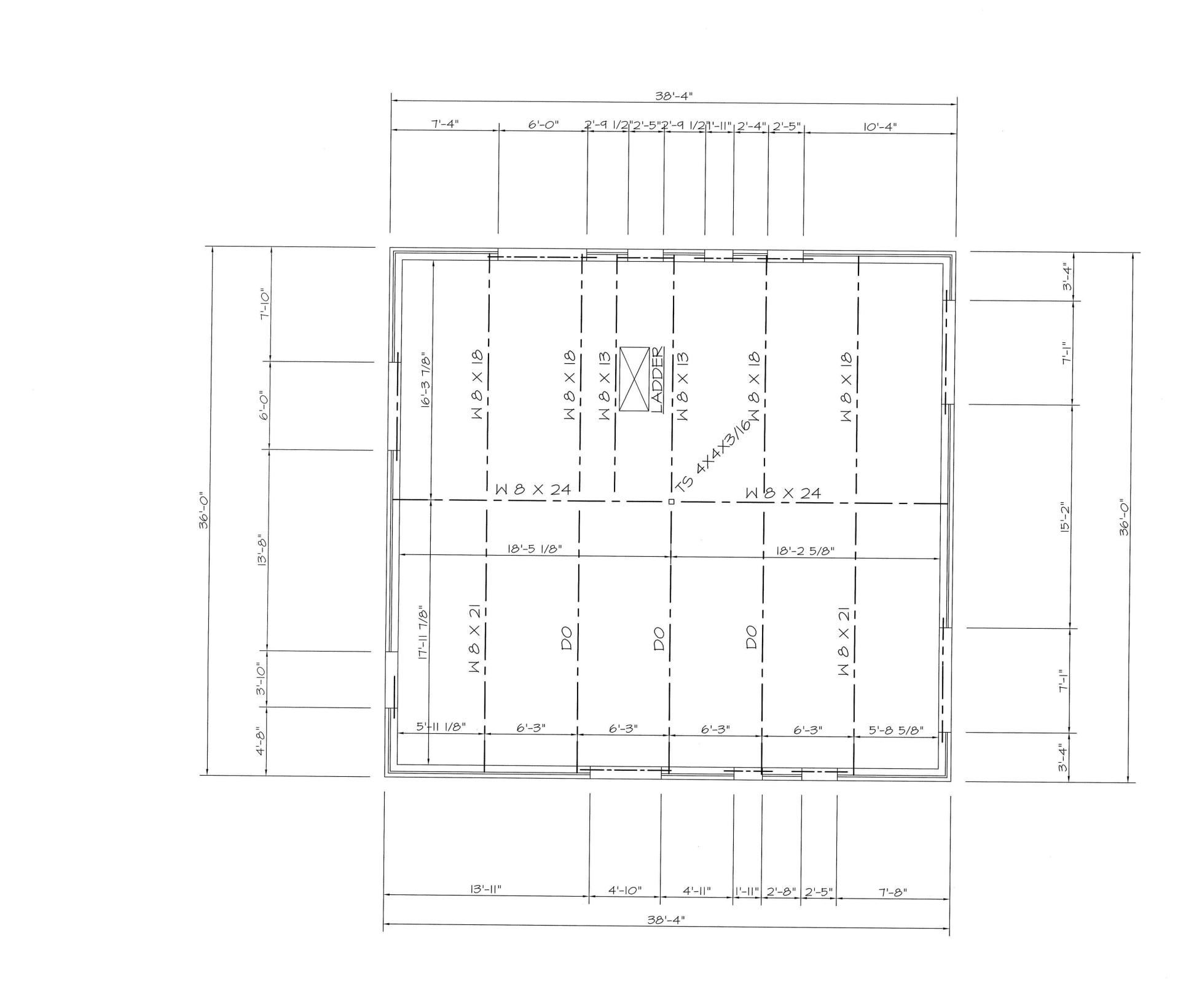
FOR ANY ERRORS, OMISSIONS, NOR NEGLECT ON HIS PART.

PROPOSED ALTERATION/ADDITION TO 103 BAYVIEW AVENUE PORT WASHINGTON, NY 11050

2nd FL. FRAMING PLAN

DRAWING NO.

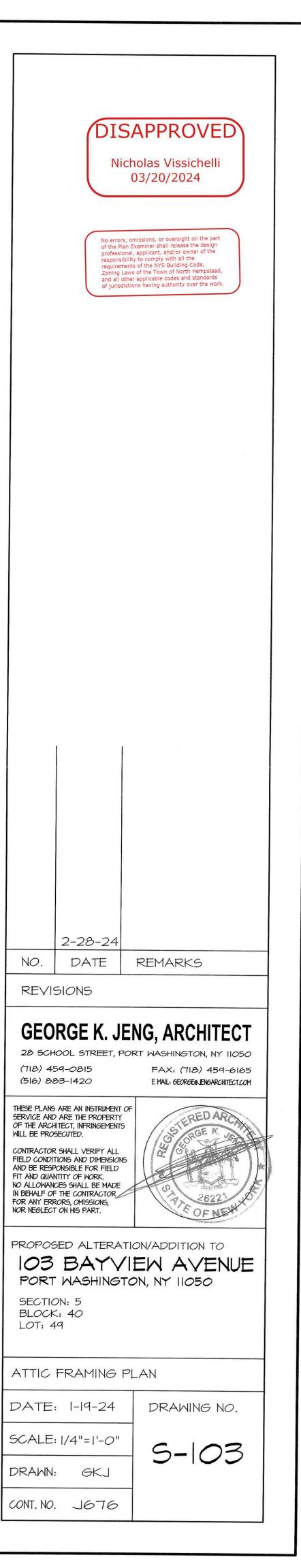
5-102

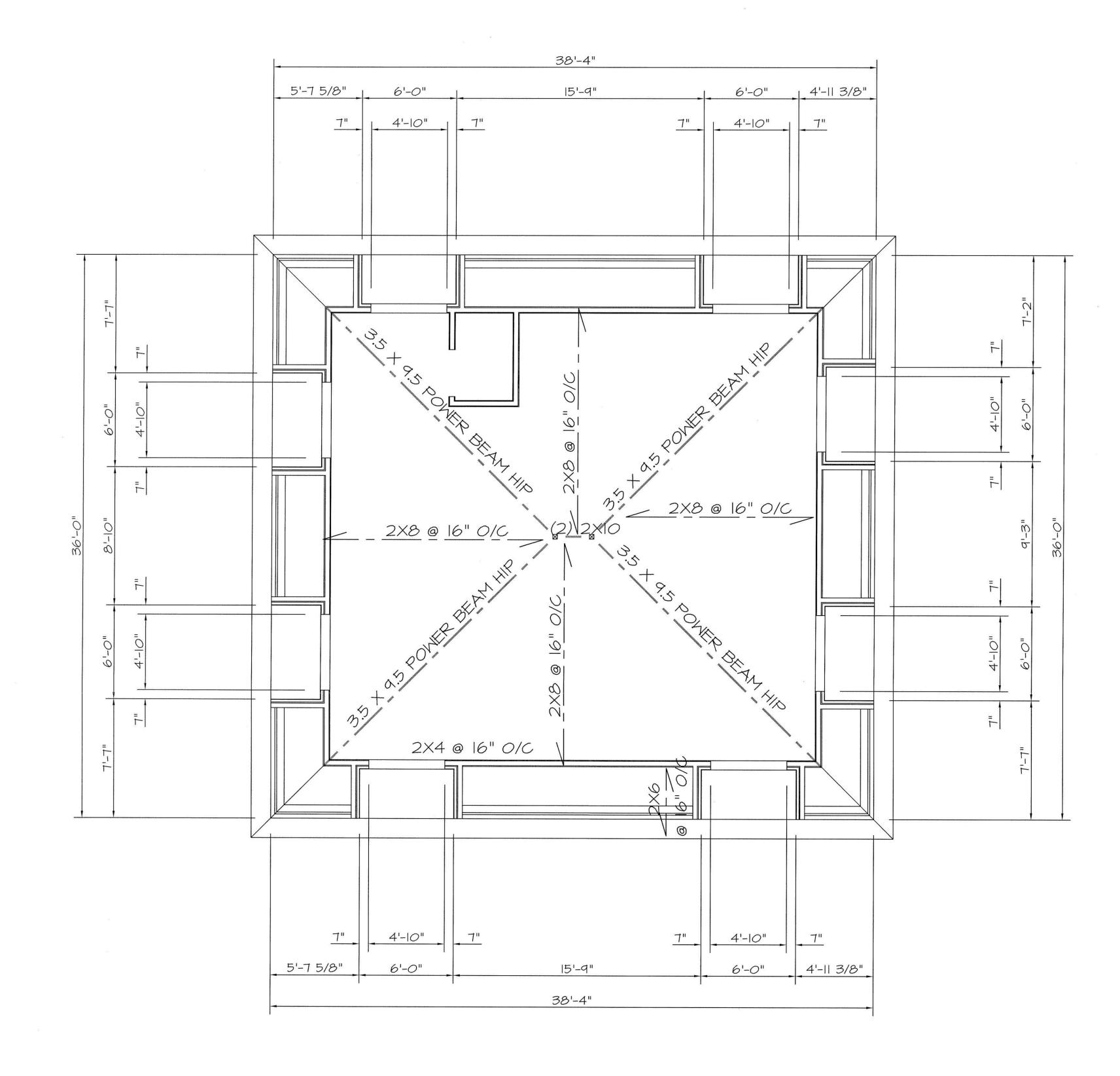




|/4" = |'-*O*"

LIVE LOAD:	40 P.S.F.
DEAD LOAD:	50 P.S.F.
MISC. LOAD:	15 P.S.F.
TOTAL LOADS:	105 P.S.F.

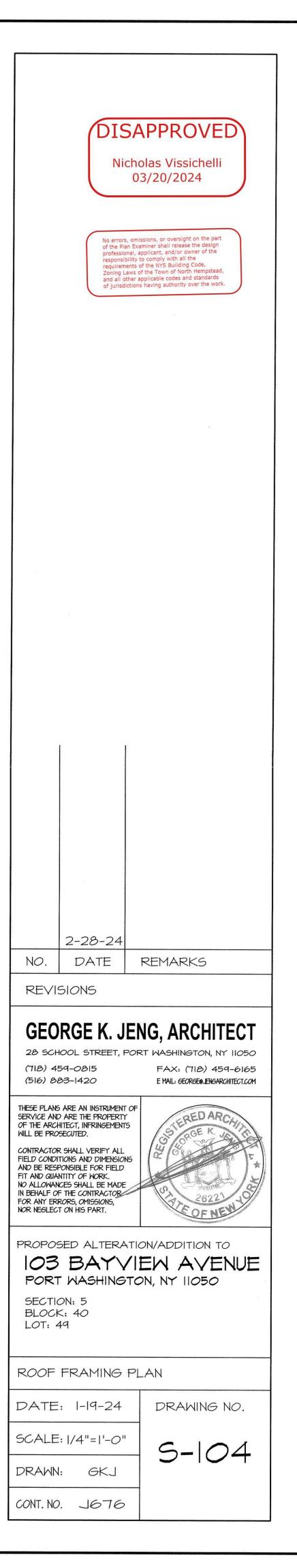


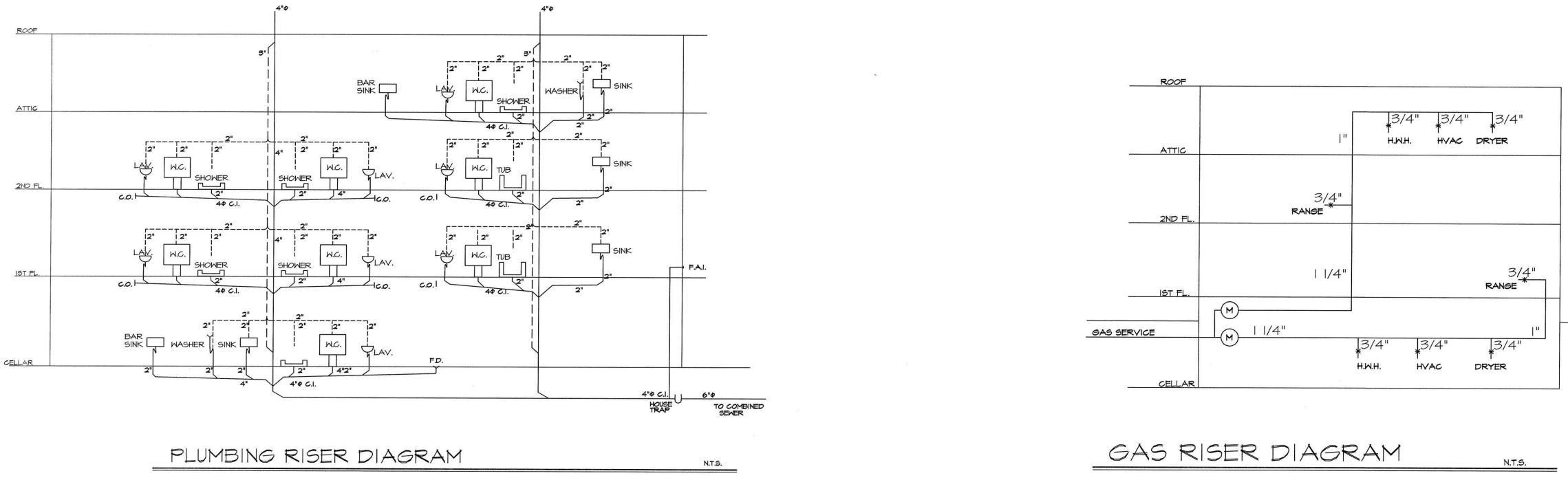


() ROOF FRAMING PLAN

|/4" = |'-*O*"

LIVE LOAD:	30 P.S.F.
DEAD LOAD:	IO P.S.F.
MISC. LOAD:	15 P.S.F.
TOTAL LOADS:	55 P.S.F.





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SECTION: 5 BLOCK: 40 LOT: 49

RISER DIAGRAMS

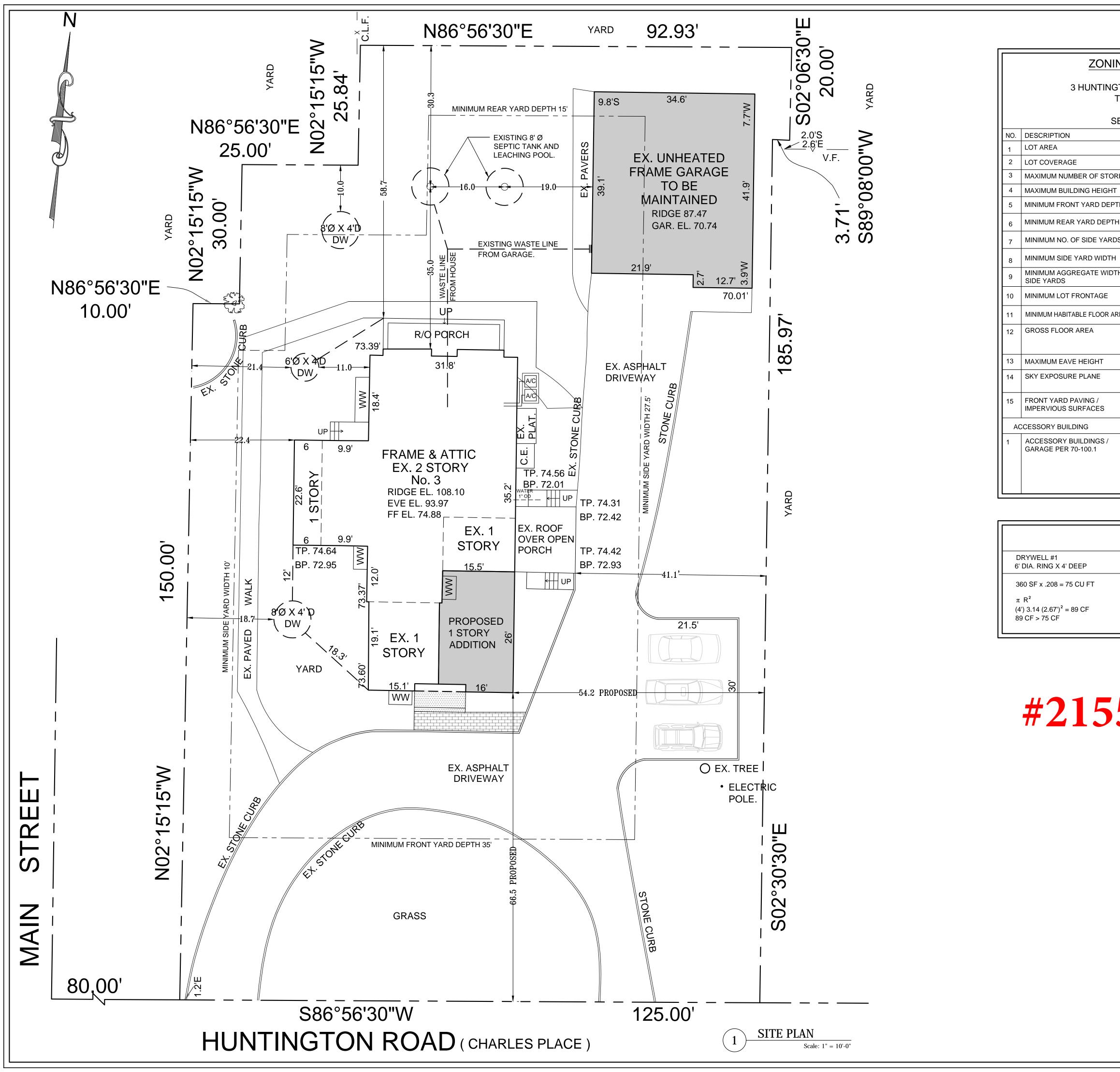
DATE: 12-12-23

SCALE: 1/4"=1'-0"

P-101 DRAWN: GKJ

DRAWING NO.

CONT. NO. 1676



				FILE LOCATION:
]	REVISIONS:
E GTON TOW R	COMPLIANCE SCHEDULE: BALLINAS RESIDENCE RD., PORT WASHINGTON, NY 1 N OF NORTH HEMPSTEAD ESIDENTIAL ZONE R-A ON: 5, BLOCK : 60, LOT 313	_		# DATE DESCRIPTION
SECH	ALLOWABLE / REQUIRED	EXISTING	PROPOSED	
	8,500 SF MIN.	24,504 SF +/-	NO CHANGE COMPLIES	
	25% OF LOT OR 6,126 SF	15.5 % EXISTING	18% COMPLIES	ISSUED TO:
ORIES	2-1/2		VARIANCE REQUIRED	
IT	30 FT. MAX.	3 EXISTING 34'-9 1/2"	VARIANCE REQUIRED	
PTH	35 FEET MIN.	66.7' EXISTING	NO CHANGE	
TH	15 FEET MIN.	65.3' EXISTING	58.7' COMPLIES	
DS	2	2 EXISTING	NO CHANGE COMPLIES	DISCLAIMER:
H	10 FEET MIN.	32.6' EXISTING	22.4' COMPLIES	DRAWINGS ARE THE PROPERTY OF FRANK FALINO, ARCHITECT,PLLC. AND SHALL NOT BE REPRODUCED WITHOUT THE PERMISSION OF
DTH OF	30% LOT WIDTH OR 37.5'	73.7' EXISTING	63.5' COMPLIES	FRANK FALINO, ARCHITECT, PLLC "WARNING: IT IS A VIOLATION OF THE NEW YORK EDUCATION
	65 FEET	125' EXISTING	NO CHANGE COMPLIES	LAW SECTION 7209.2 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION
AREA	1200 SF MIN.	2746 SF EXISTING	2895 SF COMPLIES	OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE
	4000 SF	3,979 SF EXISTING	6490 SF SEE DIAGRAM VARIANCE REQUIRED	ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW 7209.2".
	22 FOOT MAX.	19'-10 ¹ / ₂ " EXISTING	NO CHANGE COMPLIES	
	FRONT & SIDE YARD PROPERTY LINES 2FT VERTICAL BY 1FT HORIZONTAL	SEE DIAGRAM	NO CHANGE COMPLIES	
	40% MAX OR 3,334 SF	37.9 % EXISTING	NO CHANGE COMPLIES SEE DIAGRAM	ARCHITECT'S SEAL:
	15 FT MAX HEIGHT	16.9' EXISTING	VARIANCE REQUIRED	STERED ARCAN
-	40% MAX OF REAR YARD.	19.9%	NO CHANGE	a taken a
	3FT MIN. SETBACKS FROM REAR AND SIDE LOT LINES	3.9' AND 9.8'	NO CHANGE	August 1
				OF NEW YOR
	DRYWELL CALCULATIONS			
	RAINFALL FACTOR: $2.5'' / 12 = .208$			FRANK FALINO
	DRYWELL #2 8' DIA. RING X 4' DEEP		#3 (FOR POOL) G X 4' DEEP	А
		o DIA. KIN		R
	480 SF x .208 = 100 CU FT			С
	πR^2			н
	(4') 3.14 (3.67') ² = 169 CF 169 CF > 100 CF			
				Т
				E
				С FRANK FALINO т
				ARCHITECT, PLLC DESIGN & CONSTRUCTION
				-
5	8			16 HARBOR ROAD PORT WASHINGTON, NY 11050 (631) 375-5513
				frankfalino@gmail.com
				CLIENT INFO: MOYSES AND ANNA BALLINAS
				3 HUNTINGTON ROAD PORT WASHINGTON, NY 11070
	DRAWIN	G INDE	X	SEC. 5, BLOCK 60 LOT 313
	SP-1 SITE PLAN AND Z			PROJECT TITLE: BALLINAS RESIDENCE

- SP-1 SITE PLAN AND ZONING COMPLIANCE
- SP-2 DIAGRAMS
- A-1 BASEMENT PLANS
- A-2 FIRST FLOOR PLANS
- A-3 SECOND FLOOR PLAN, DOOR AND WINDOW SCHEDULES

BALLINAS RESIDENCE

ADDITION AND MAINTAIN

SITE PLAN AND

ZONING COMPLIANCE

ISSUE DATE:

02/09/24

CURRENT DATE

02/09/24

PROJECT DESCRIPTION:

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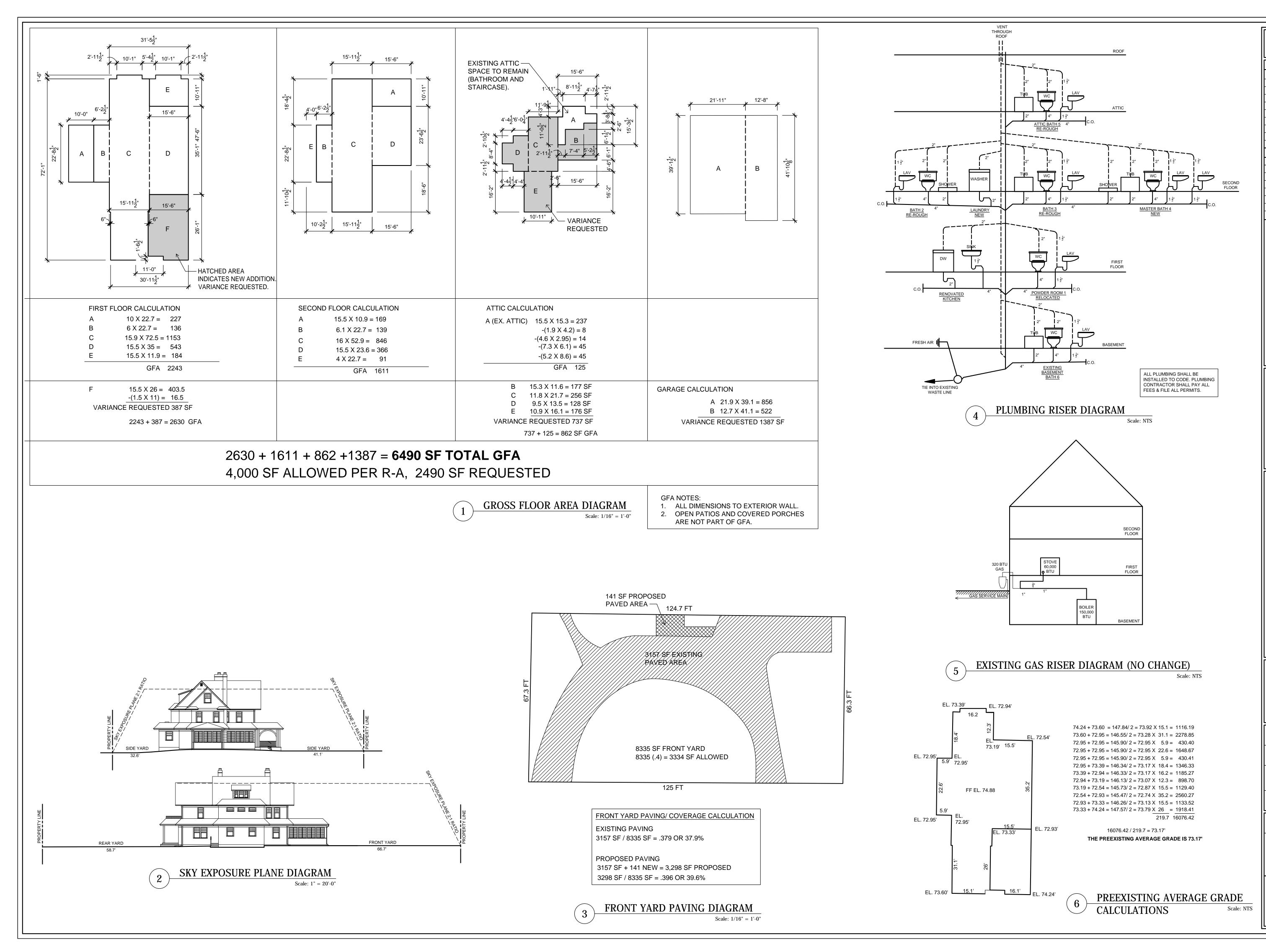
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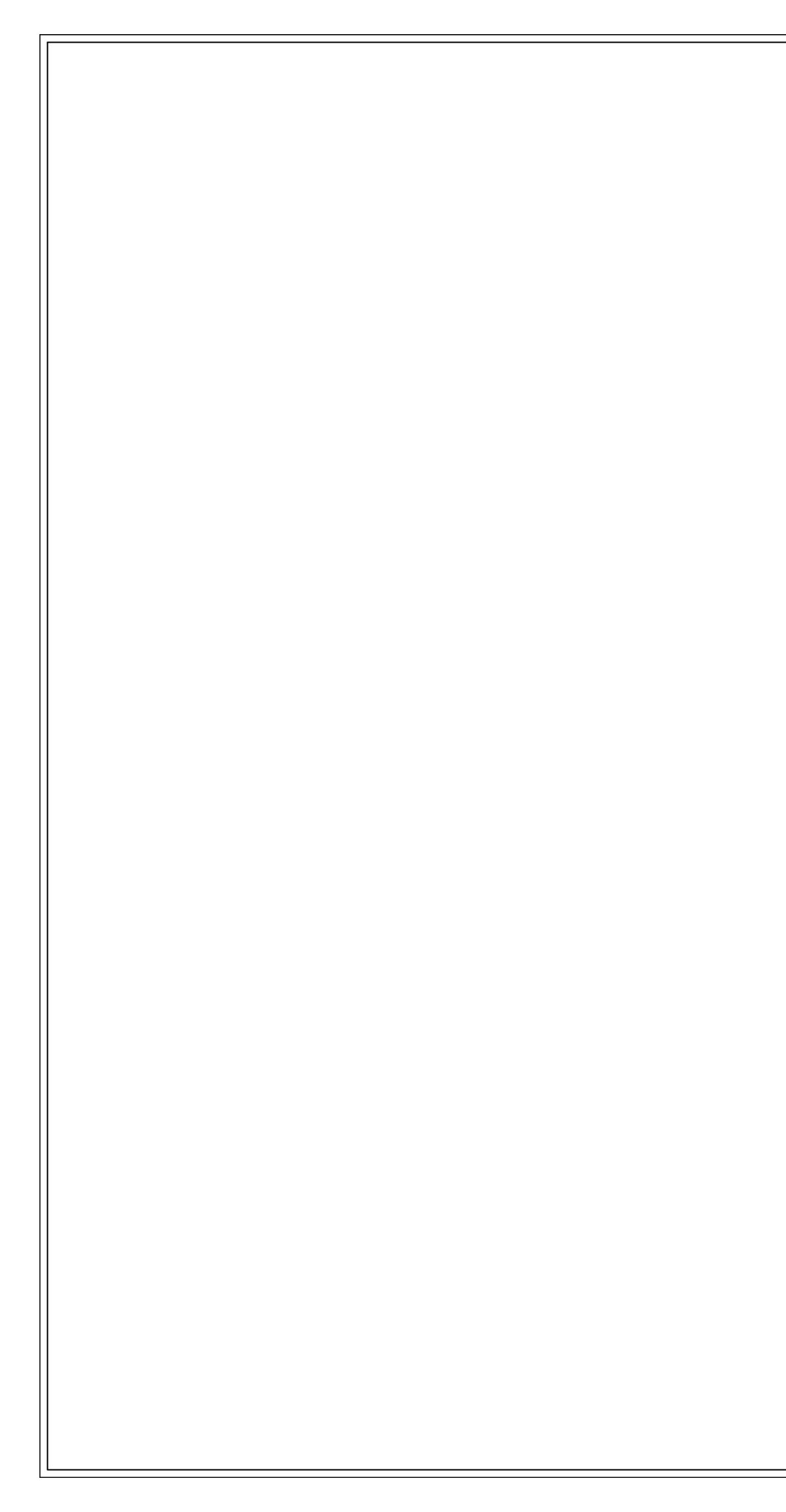
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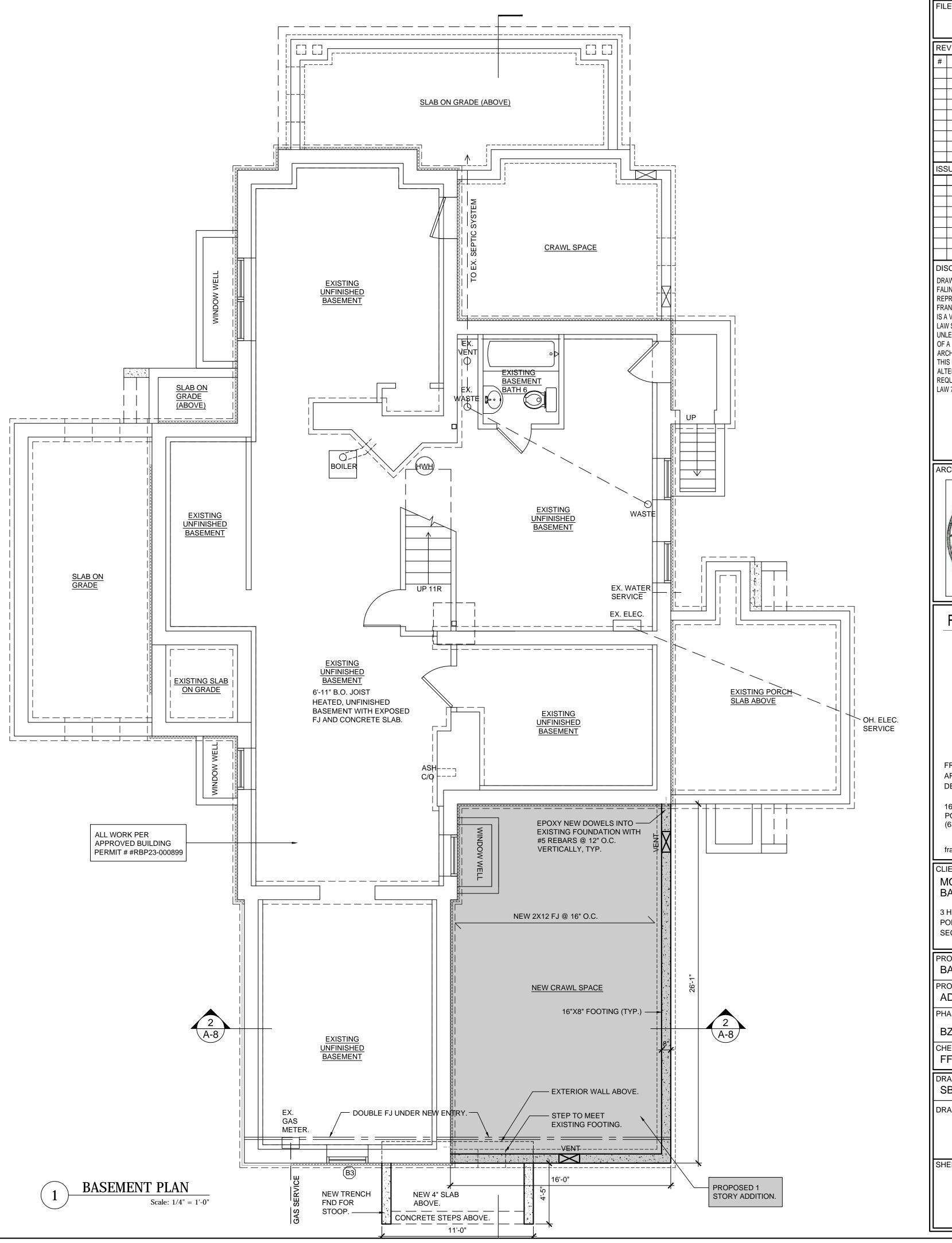
DRAWING TITLE:

- A-4 ATTIC AND ROOF PLANSA-5 GARAGE
- A-6 ELEVATIONS
- A-7 ELEVATIONS
- A-8 SECTIONS
- A-9 RESCHECK
- GN-1 NYS RESIDENTIAL BUILDING CODE STANDARDS
- GN-2 NYS RESIDENTIAL BUILDING CODE DETAIL SHEET
- GN-3 GENERAL NOTES



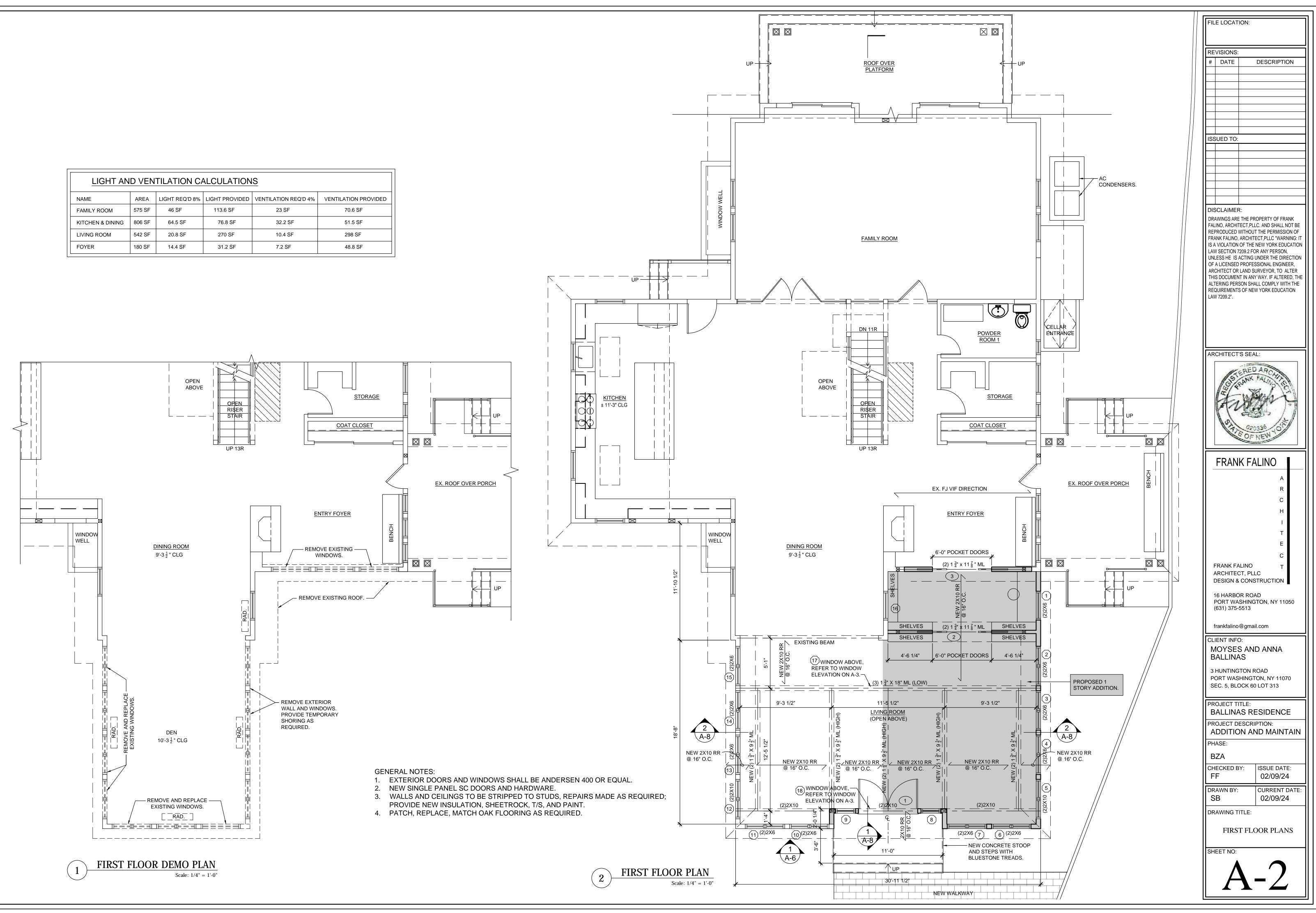
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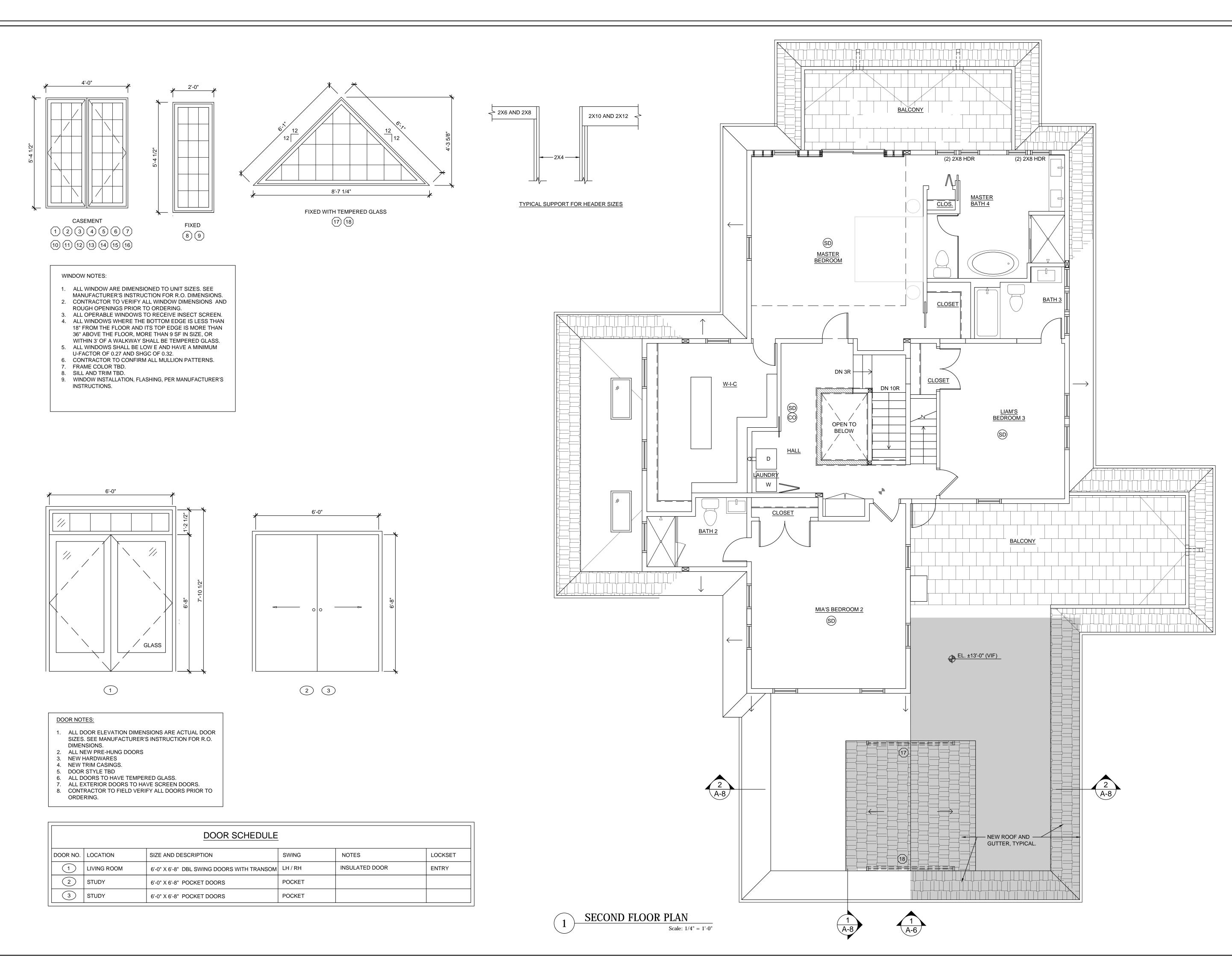




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FRAN	K FALINO
FRANK FA ARCHITEC DESIGN 8	'
16 HARBO PORT WA (631) 375-	SHINGTON, NY 11050
frankfalino	@gmail.com D:
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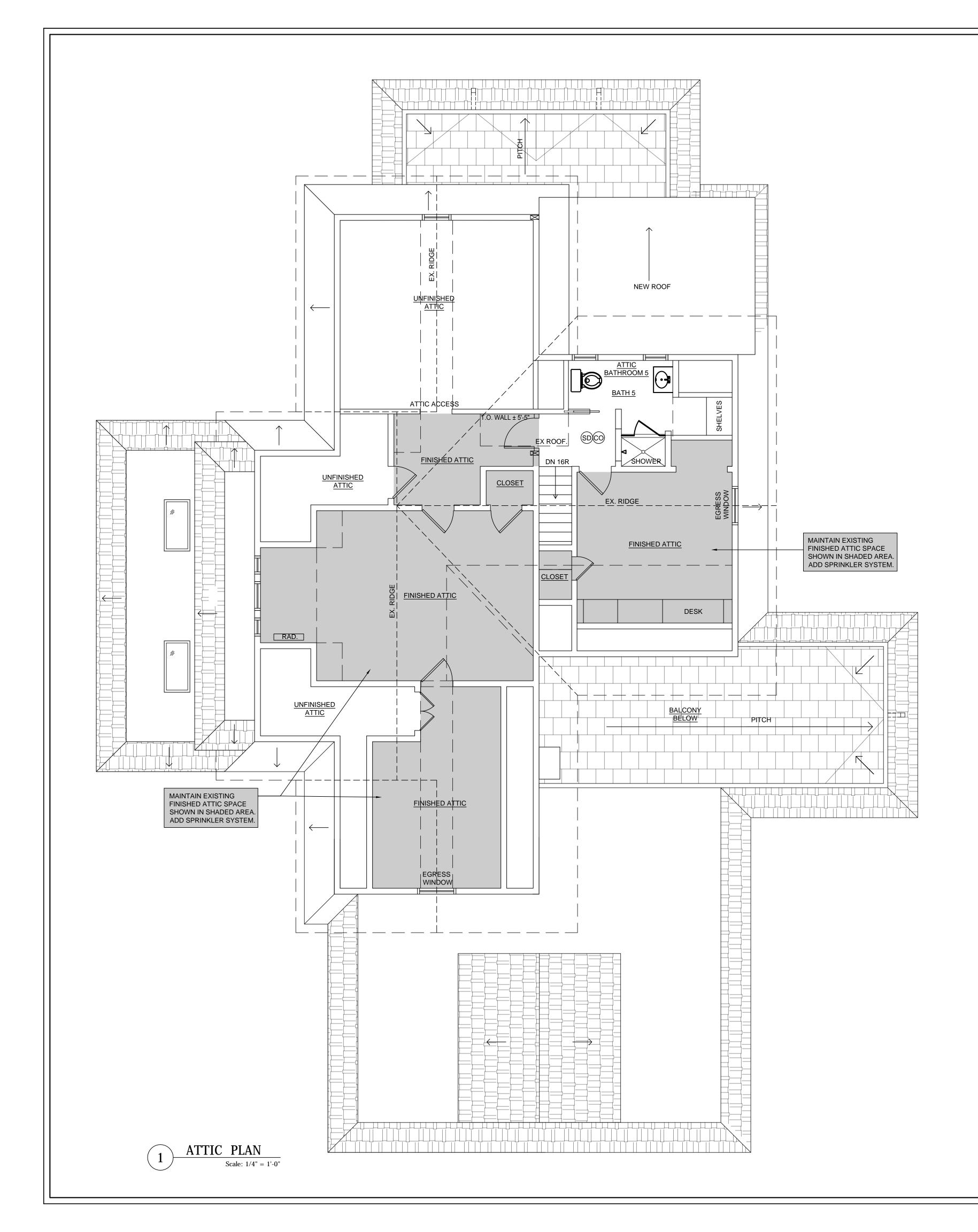
LIGHT AN	D VEN	TILATION CA	ALCULATION	S	
NAME	AREA	LIGHT REQ'D 8%	LIGHT PROVIDED	VENTILATION REQ'D 4%	VENTILATION PROVIDED
FAMILY ROOM	575 SF	46 SF	113.6 SF	23 SF	70.6 SF
KITCHEN & DINING	806 SF	64.5 SF	76.8 SF	32.2 SF	51.5 SF
LIVING ROOM	542 SF	20.8 SF	270 SF	10.4 SF	298 SF
FOYER	180 SF	14.4 SF	31.2 SF	7.2 SF	48.8 SF

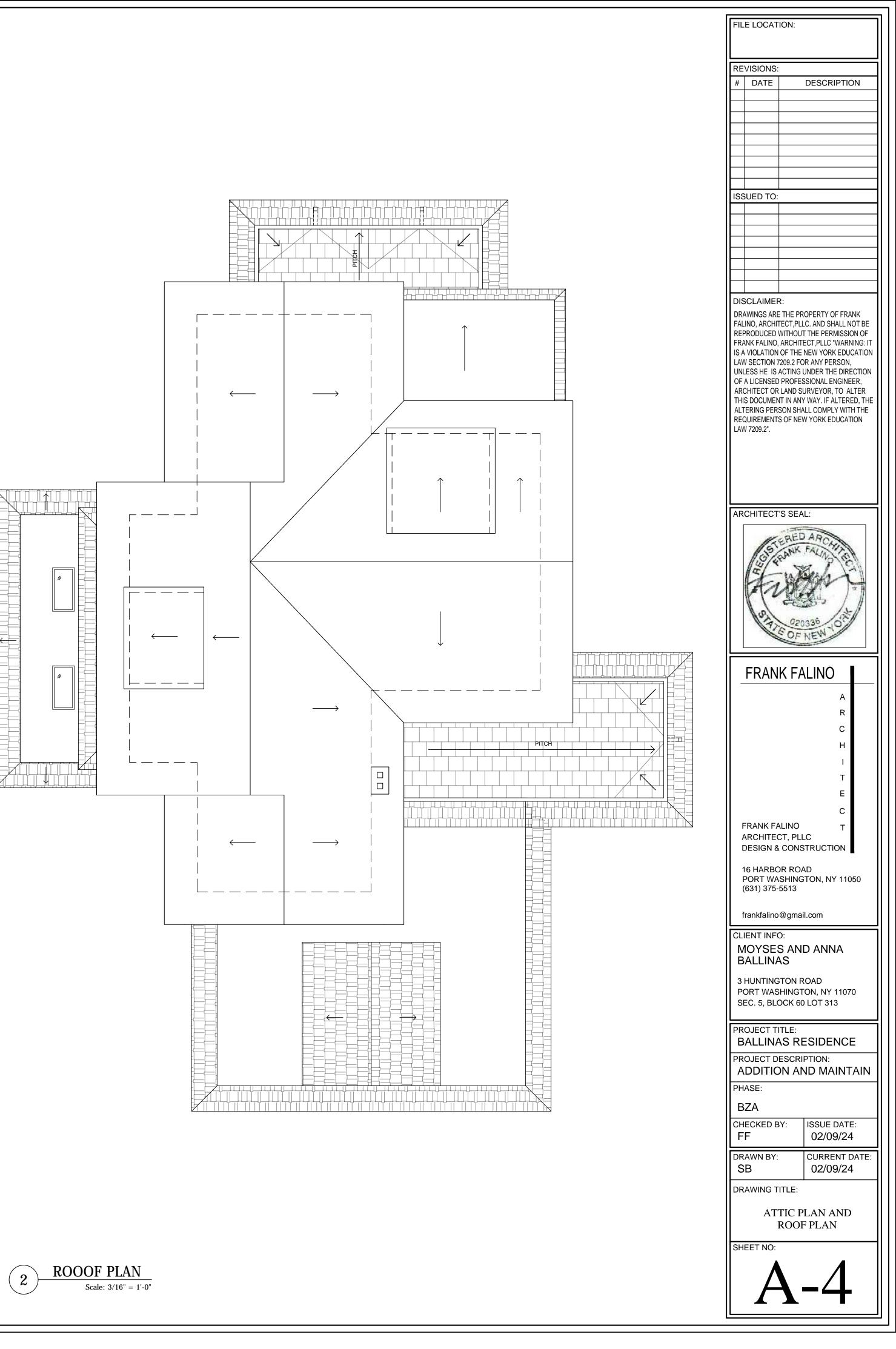




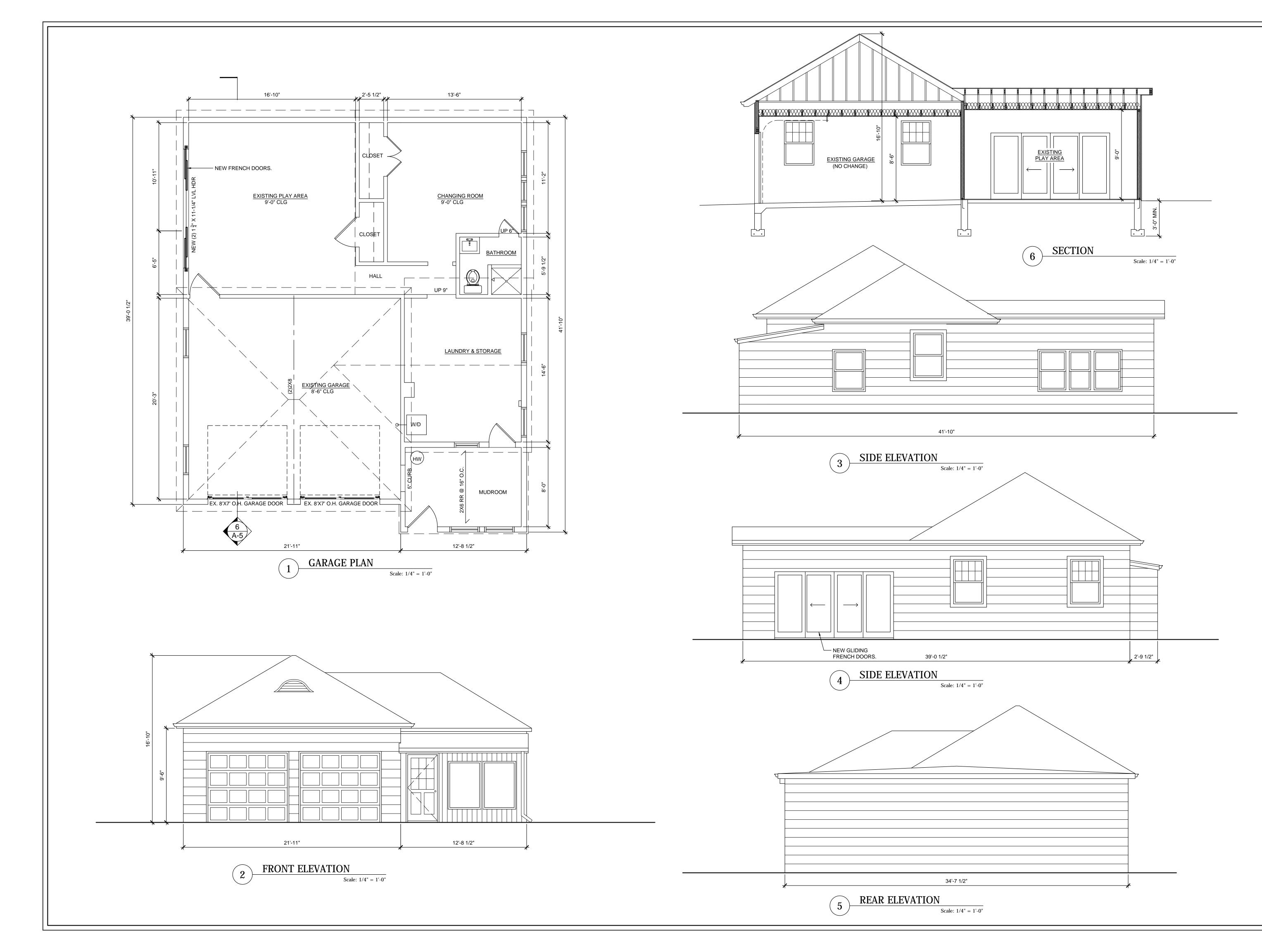
DOOR SCHEDULE								
DOOR NO.	LOCATION	SIZE AND DESCRIPTION	SWING	NOTES	LOCKSET			
1	LIVING ROOM	6'-0" X 6'-8" DBL SWING DOORS WITH TRANSOM	LH / RH	INSULATED DOOR	ENTRY			
2	STUDY	6'-0" X 6'-8" POCKET DOORS	POCKET					
3	STUDY	6'-0" X 6'-8" POCKET DOORS	POCKET					

FILE LOCATION:	
REVISIONS: # DATE DI	ESCRIPTION
ISSUED TO:	
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FALINO, ARCHITECT, PLLC. REPRODUCED WITHOUT TH FRANK FALINO, ARCHITECT IS A VIOLATION OF THE NET LAW SECTION 7209.2 FOR A UNLESS HE IS ACTING UNIT OF A LICENSED PROFESSIO ARCHITECT OR LAND SURV THIS DOCUMENT IN ANY W ALTERING PERSON SHALL REQUIREMENTS OF NEW Y LAW 7209.2".	HE PERMISSION OF T,PLLC "WARNING: IT W YORK EDUCATION ANY PERSON, DER THE DIRECTION DNAL ENGINEER, /EYOR, TO ALTER AY. IF ALTERED, THE COMPLY WITH THE
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FRANK FAL	INO
FRANK FALINO ARCHITECT, PLLC DESIGN & CONSTF 16 HARBOR ROAD PORT WASHINGTO	-
(631) 375-5513 frankfalino@gmail.c	
CLIENT INFO: MOYSES AND	
BALLINAS 3 HUNTINGTON RO/ PORT WASHINGTON SEC. 5, BLOCK 60 LO	N, NY 11070
PROJECT TITLE: BALLINAS RES	
PROJECT DESCRIPT ADDITION AND PHASE:	ION:
BZA CHECKED BY: IS	SSUE DATE: 02/09/24
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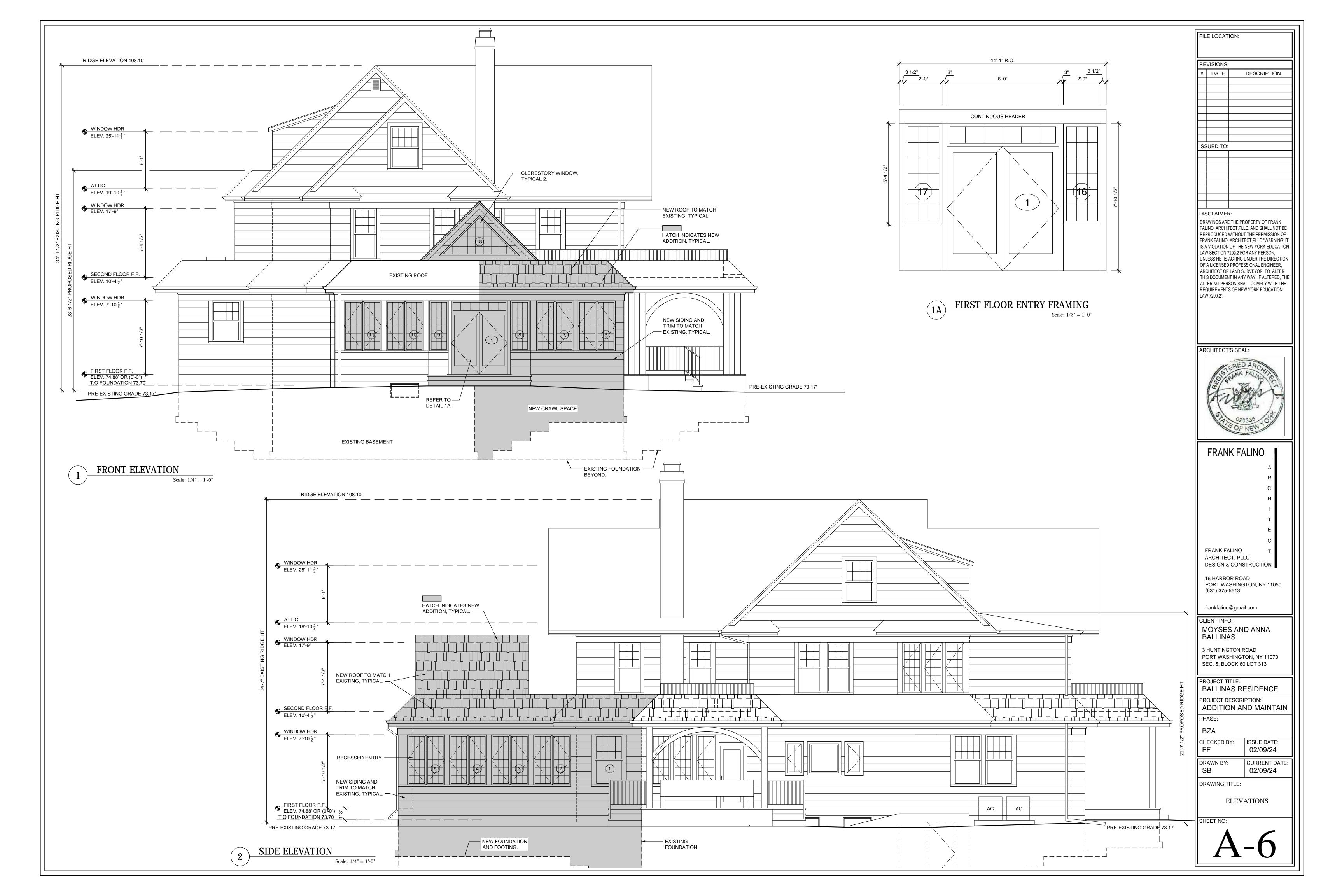


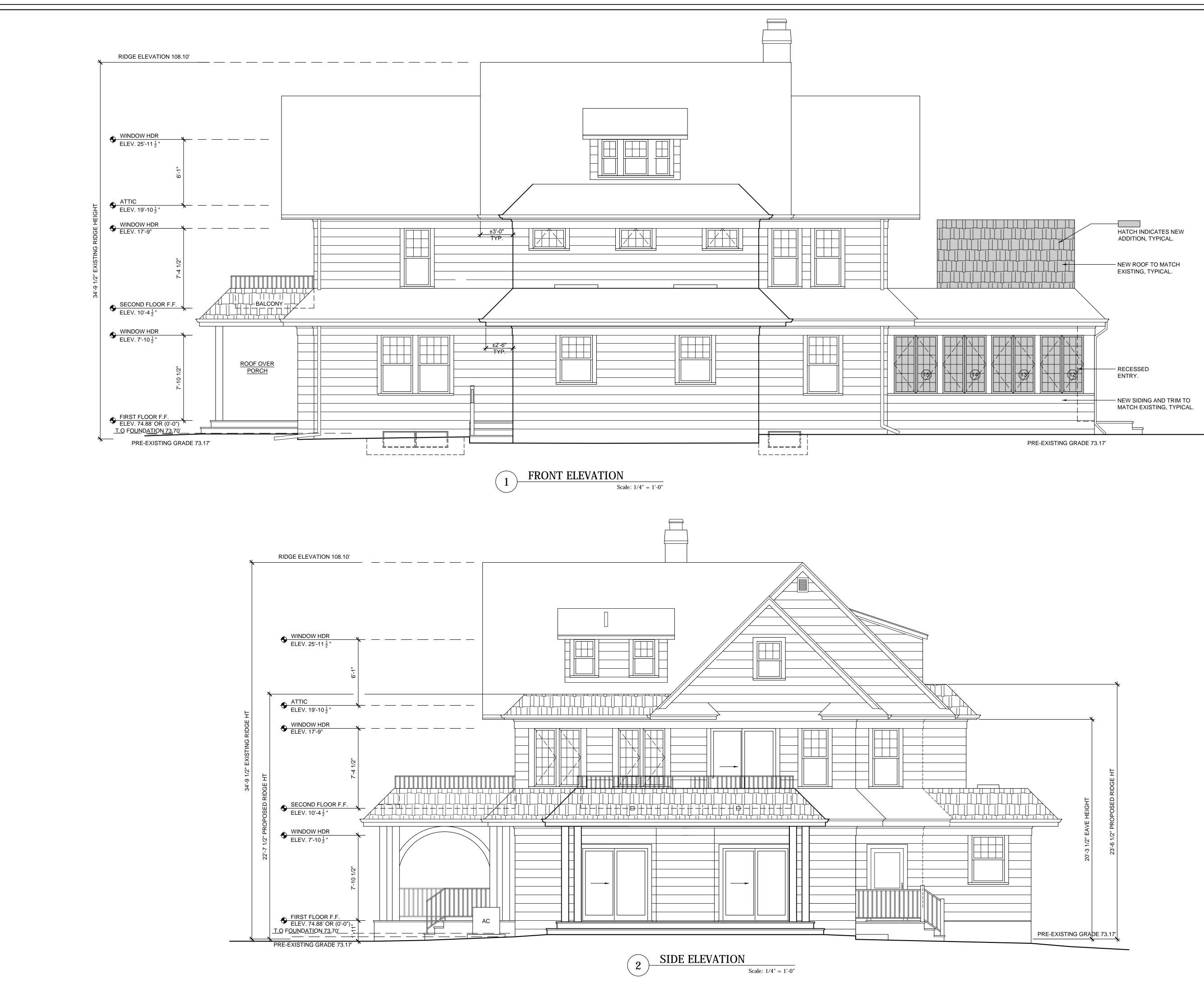




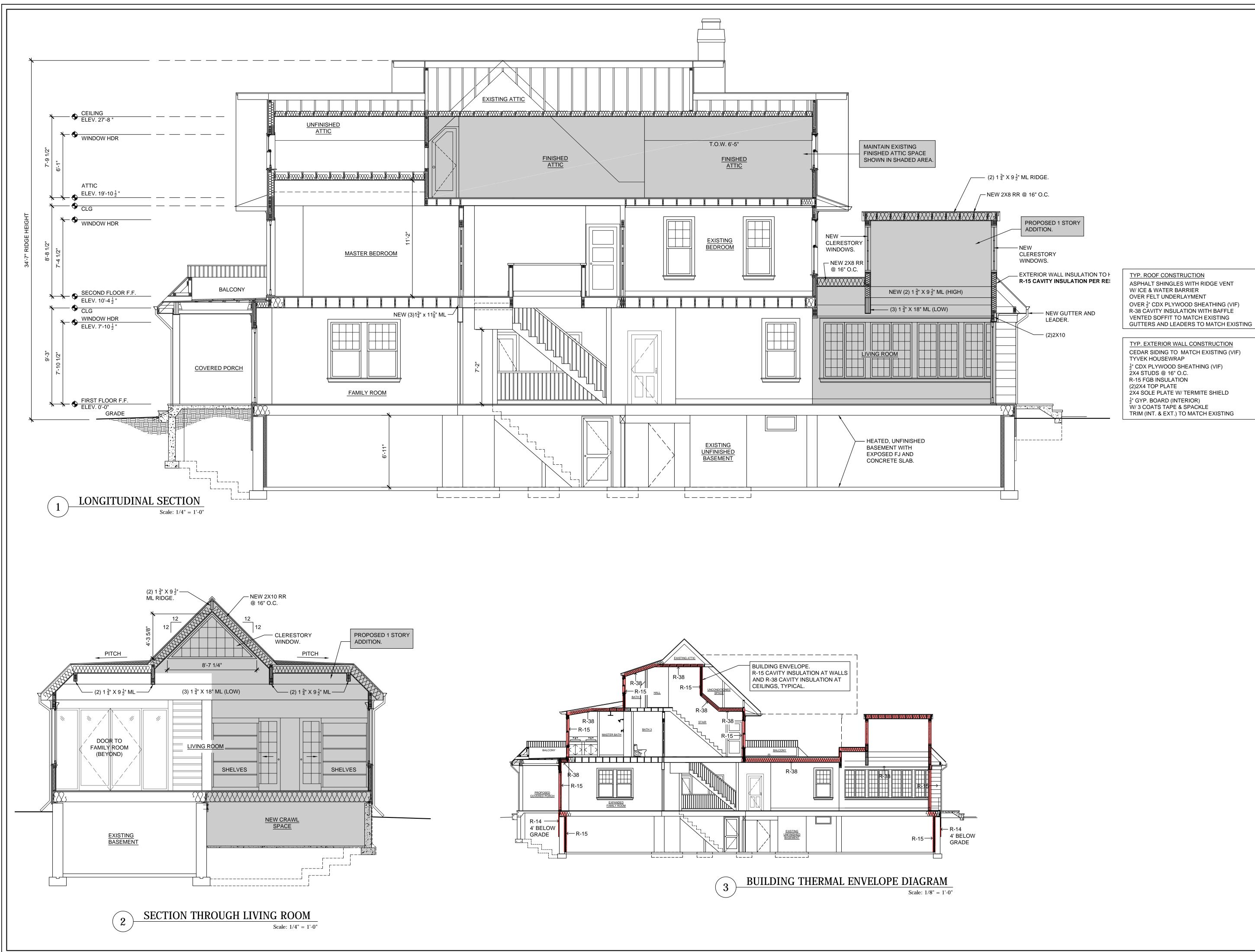


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ARCHITECT'S SEAL:	RCHITECT	
STATE OF NE	NN YORK	
FRANK FAL	INO	
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FRANK FALINO ARCHITECT, PLLC DESIGN & CONSTR		
16 HARBOR ROAD PORT WASHINGTC (631) 375-5513	DN, NY 11050	
frankfalino@gmail.co	om	
CLIENT INFO: MOYSES AND ANNA BALLINAS		
3 HUNTINGTON ROAD PORT WASHINGTON, NY 11070 SEC. 5, BLOCK 60 LOT 313		
PROJECT TITLE: BALLINAS RES PROJECT DESCRIPT MAINTAIN EXISTI	ION:	
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MOYSES AND ANNA BALLINAS 3 HUNTINGTON ROAD PORT WASHINGTON, NY 11070 SEC. 5, BLOCK 60 LOT 313 PROJECT TITLE: BALLINAS RESIDENCE PROJECT DESCRIPTION: ADDITION AND MAINTAIN PHASE: BZA CHECKED BY: ISSUE DATE: 02/09/24 DRAWN BY: CURRENT DATE: 3B CURRENT DATE: 02/09/24	FILE LOCATI	ON:	
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DRAWINGS ARE THE PROPERTY OF FRANK FALINO, ARCHITECT, PLIC. AND SHALL NOT BE REPRODUCED WITHOUT THE PERMISSION OF FRANK FALINO, ARCHITECT, PLIC. YWARNING: IT IS A VIOLATION OF THE NEW YORK EDUCATION AW SECTION 7209.2 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT'S SEAL:	ISSUED TO:		
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A R C H I T E C FRANK FALINO T ARCHITECT, PLLC DESIGN & CONSTRUCTION 16 HARBOR ROAD PORT WASHINGTON, NY 11050 (631) 375-5513 frankfalino@gmail.com CLIENT INFO: MOYSES AND ANNA BALLINAS 3 HUNTINGTON ROAD PORT WASHINGTON, NY 11070 SEC. 5, BLOCK 60 LOT 313 PROJECT TITLE: BALLINAS RESIDENCE PROJECT TITLE: BALLINAS RESIDENCE PROJECT TITLE: BALLINAS RESIDENCE PROJECT DESCRIPTION: ADDITION AND MAINTAIN PHASE: BZA CHECKED BY: ISSUE DATE: 02/09/24 DRAWN BY: CURRENT DATE: 02/09/24	ARCHITECT	S SEAL:	
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V	Complia	nce Ce	ertifica	ate				calculation	e Statement: The proposed build s submitted with the permit appli /ersion : REScheck-Web and to co	cation. The proposed mply with the mand	I building has been	designed to meet
Project Energy Cod Location: Construction Project Type Climate Zor Permit Date	Port Washingto n Type: Single-family e: Addition ne: 4 (5316 HDD)											
Permit Num Constructi 3 Huntingt	ıber: on Site:	Owner/Agent: Ballinas		Designer/Contra Frank Falino Frank Falino Arc 16 Harbor Rd Port Washingtor 631-375-5513 frankfalino@gm	hitect n, NY 11050							
Compliance: The % Better of It DOES NOT p Slab-on-gra	ce: Passes using UA trade 0.0% Better Than Code or Worse Than Code Index reflects how close rovide an estimate of energy use or cost rel ide tradeoffs are no longer consid the specified climate zone must	Maximum UA: 106 e to compliance the house is ative to a minimum-code hon lered in the UA or perf	based on code trade-off me. formance complian	ce path in REScheo	k. Each slab-	-on-grade						
Envelo	pe Assemblies Assembly	Gross Are: or Perimeter	^a Cavity Coi r R-Value R-Va	nt. Prop. alue U-Factor U	Req. Pi -Factor (rop. Req. UA UA						
Ceiling 1: 0 Wall: Wood Door: Glass SHGC: 0.2 Window: W SHGC: 0.2	lood Frame	33: 144 41(40 150 74	4 38.0 6 15.0 0	0.0 0.030 0.0 0.027 4.0 0.057 0.300 0.300 0.0 0.077	0.024 0.024 0.045 0.300 0.300 0.045	4 13 1 12 1 45 4	2					
Window 1: SHGC: 0.3 Floor: All-W	Wood Frame 16 Vood Joist/Truss Dal Efficiency Pack	27 387	7	0.0 0.077 0.300 0.0 0.026	0.300 0.047		в					
Project Titl Data filena	le: Ballinas Addition (BZA) ame:				Report (date: 02/08 Page 1 o		Project Tit Data filena	le: Ballinas Addition (BZA) ame:			
Section # & Req.ID	Framing / Rough-In Inspectio	n Plans Verified Value	Field Verified Value	Complies?	Comment	ts/Assumptio	ns	Section # & Req.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?
403.4 [FR17] ² @ 403.4.1	HVAC piping conveying fluids above 105 °F or chilled fluids below 55 °F are insulated to ≥R- 3. Protection of insulation on HVAC piping.			Complies Does Not Not Observable Complies Complies Not Observable Not Observable	not applical	: Requirement ble. nt will be met.	is	303.1 [IN13] ² @ 402.1, 402.2.7 [IN1] ¹	All installed insulation is labeled or the installed R-values provided. Floor insulation R-value.	R Wood Steel	R □ Wood □ Steel	Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable
402.4.6 [FR29] ³	Electrical and communication boxes installed in the thermal boundary of the envelope sealed to limit air leakage between conditioned and unconditioned spaces.			 Not Applicable Complies Does Not Not Observable Not Applicable 		nt will be met.		402.2.5, 402.2.6 [IN3] ¹	Wall insulation R-value. If this is mass wall with at least $\frac{1}{2}$ of the wall insulation on the wall exterior, the exterior insulation requirement applies (FR10).		R Wood Mass Steel	Complies Does Not Not Observable
[FR18] ² 403.6 [FR19] ²	Hot water pipes are insulated to ≥R-3. Automatic or gravity dampers ar installed on all outdoor air intakes and exhausts for mechanical ventilation systems.			Complies Complies Not Observable Ocomplies Complies Observable Not Not Observable Not Not Applicable		nt will be met. nt will be met.			Wall insulation is installed per manufacturer's instructions. al Comments/Assumptions			Complies Does Not Not Observable
[FR30] ²	Ventilation systems in climate zones 7 & 8 shall utilize heat or energy recovery al Comments/Assumptions:	-		Complies Does Not Not Observable Not Applicable	Requiremer	nt will be met.						

				check-Wel	0	Section # & Req.ID	Foundation Inspection	Complies?	Comments/As	ssumptions	Sec # & Re
	Energy Code: 202		cklist			303.2.1 [FO11] ²	A protective covering is installed to protect exposed exterior insulation and extends a minimum of 6 in. below	Does Not	Requirement is not a	ipplicable.	402.1 402.3 402.3
•	ments: 97.0% were addresse the "Comments/Assumptions" co	ed directly in the			irements screen. For each	403.9	grade. Snow and ice-melting system control	Not Observable	Requirement is not a	applicable.	402.5 402.5 [FR2]
require	nent, the user certifies that a co claimed. Where compliance is it	de requirement v	/ill be met and h	ow that is docume	ented, or that an exception	[FO12] ²	installed to shut off system when pavement temperature > 50F and no precipitation.	Does Not			303.1 [FR4]
Section # & Req.I	Pre-Inspection/Plan Review	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions	Addition	nal Comments/Assumptions:				402.4
.03.1, .03.2 PR1] ¹	Construction drawings and documentation demonstrate energy code compliance for the building envelope. Thermal			Complies Does Not Not Observable	Requirement will be met.						[FR2:
9	envelope and energy compliance path represented on construction documents.			□Not Applicable							402. [FR2
103.1, 103.2, 103.8 PR3] ¹	Construction drawings and documentation demonstrate energy code compliance for lighting and mechanical systems.			Complies Does Not Not Observable	Requirement will be met.						402.4
2) 2)	Systems serving multiple dwelling units must demonstrate compliance with the IECC			□Not Applicable							[FR1
02.1, 03.7 PR2] ²	Commercial Provisions. Heating and cooling equipment is sized per ACCA Manual S based on loads calculated per ACCA	Btu/hr	Heating: Btu/hr	□Complies □Does Not	Requirement will be met.						403. [FR1 ©
₩2]- 9	Manual J or other methods approved by the code official.	Cooling: Btu/hr	Cooling: Btu/hr	□Not Observable □Not Applicable							403. [FR1
dditio	nal Comments/Assumptions:	1	1	8							()
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	1 High Impact (Tier	1) 2 Medium	Impact (Tier 2)	3 Low Impact (1	īier 3)		1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (T	Tier 3)	
roject ⁻	itle: Ballinas Addition (BZA)				Report date: 02/08/24		itle: Ballinas Addition (BZA)			Report date: 02/08/24 Page 4 of10	
Section #	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Page 3 of 10 Comments/Assumptions	Data filer	Final Inspection Provisions	Plans Verified Field Verified Value	Complies?	Comments/Assumptions	Ser
Section # & Req.1, 402.1, 402.2,2, 402.2,2, 402.2,6 [FI1] ¹	Final Inspection Provisions	Plans Verified Value R Wood Steel	Field Verified Value R Wood Steel	Complies? Complies Does Not Not Observable Not Applicable	Comments/Assumptions See the Envelope Assemblies table for values.	Section	Final Inspection Provisions Hot water boilers supplying heat through one- or two-pipe heating systems have automatic outdoor setback control to lower boiler water temperature based on	Plans Verified Field Verified Value Value	Complies? Complies Does Not Not Observable Not Applicable	-	Se & F 404 [F13 @
Section # ₩02.1, ₩02.2,2, ₩02.2.6 FI1] ¹ \$03.1.1. \$03.2	Final Inspection Provisions D Ceiling insulation R-value. L, Ceiling insulation installed per manufacturer's instructions.	Value R U Wood	Value R U Wood	Complies?	Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met.	Section # & Req.ID 403.2 [FI26] ² 403.5.1.1	Final Inspection Provisions Hot water boilers supplying heat through one- or two-pipe heating systems have automatic outdoor setback control to lower boiler water temperature based on outdoor temperature, indoor temperature or water temperature sensing. Heated water circulation systems		Complies Does Not Not Observable Not Applicable Complies	Comments/Assumptions Exception: Requirement is not applicable. Exception: Requirement is	Se & I 404 [F13
Section # 02.1, 02.2.2, 02.2.6 =11] ¹ 03.1.1. 03.2 =12] ¹ 02.2.3	Final Inspection Provisions D Ceiling insulation R-value. Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft². Vented attics with air permeable	Value R U Wood	Value R U Wood	Complies?	Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met.	Section # & Req.ID 403.2 [FI26] ²	Final Inspection Provisions F Hot water boilers supplying heat through one- or two-pipe heating systems have automatic outdoor setback control to lower boiler water temperature based on outdoor temperature, indoor temperature or water temperature sensing. F Heated water circulation systems have a circulation pump. The system return pipe is a dedicated return pipe or a cold water supply F		Complies Does Not Not Observable Not Applicable	Comments/Assumptions Exception: Requirement is not applicable.	Se & 1 404 [FI] @ 404 [FI] @ 404 [FI]
Section # 02.1, 02.2.2, 02.2.6 =11] ¹ 03.1.1. 03.2 =12] ¹ 02.2.3	Final Inspection Provisions D Ceiling insulation R-value. Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft ² .	Value R U Wood	Value R U Wood	Complies?	Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Requirement will be met.	Section # & Req.ID 403.2 [FI26] ² 403.5.1.1	Final Inspection Provisions F Hot water boilers supplying heat through one- or two-pipe heating systems have automatic outdoor setback control to lower boiler water temperature based on outdoor temperature, indoor temperature or water temperature sensing. F 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 thermossyphon circulation systems are not present. Controls for circulating hot water system		Complies Does Not Not Observable Not Applicable	Comments/Assumptions Exception: Requirement is not applicable. Exception: Requirement is	Se & 1 404 [FI] @ 404 [FI] @ 404 [FI]
Section # 02.1, 02.2,1, 02.2,2, 02.2,2, 603.1,1. 03.1,1. 03.2 FI2] ¹ 02.2,3 FI22] ² 02.2,4	Final Inspection Provisions Ceiling insulation R-value. Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft ² . Vented attics with air permeable insulation include baffle adjacent to soffit and eave vents that	Value R U Wood	Value R U Wood	Complies? Complies Does Not Not Observable Complies Does Not Not Observable Complies Does Not Complies Does Not Not Observable Complies Does Not Not Observable Complies Does Not Not Observable Not Applicable Complies Does Not	Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Requirement will be met. Requirement will be met.	Section # & Req.ID 403.2 [FI26] ² 403.5.1.1	Final Inspection Provisions F Hot water boilers supplying heat through one- or two-pipe heating systems have automatic outdoor setback control to lower boiler water temperature based on outdoor temperature, indoor temperature sensing. Iteleform the set on the set of t		Complies Does Not Not Observable Not Applicable	Comments/Assumptions Exception: Requirement is not applicable. Exception: Requirement is	
Section # # 02.1, 02.2.2, 02.2.2, 6 6 03.1.1. 03.2.2 6 7 02.2.3 7 02.2.3 7 02.2.4 02.2.4.1.	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 extends over insulation. Attic access hatch and door insulation ≥R-value of the adjacent to sembly. Blower door test @ 50 Pa. <=5.0	Value R Steel R R	Value R Steel Steel	Complies? Complies C	Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met. Requirement will be met. Requirement will be met.	Section # & Req.ID 403.2 [FI26] ² 403.5.1.1 [FI28] ²	Final Inspection Provisions F Hot water boilers supplying heat through one- or two-pipe heating systems have automatic outdoor setback control to lower boiler water temperature based on outdoor temperature, indoor temperature sensing. Image: Control to lower boiler water temperature sensing. Heated water circulation pump. The system return pipe is a dedicated return pipe or a cold water supply pipe. Gravity and thermossyphon 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.		Complies Does Not Not Observable Not Applicable	Comments/Assumptions Exception: Requirement is not applicable. Exception: Requirement is not applicable.	5€ & I 404 [FI3 @ 404 [FI3 @ 404 [FI3 @ 404 [FI3 @ 404 [FI3 @ 404 [FI3 @ 404 [FI3 @ 404 [FI3] [FI]
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Section # 202.1, 02.2, 02.2, 02.2, 02.2, 02.2, 02.2, 02.2, 03.1, 03.2 03.2, 10.3, 10.	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 extends over insulation. Attic access hatch and door insulation ≥R-value of the adjacent assembly. Blower door test @ 50 Pa. <=5.0 ach in Climate Zones 1-2, and <=3.0 ach in Climate Zones 1-2, and <=3.0 ach in Climate Zones 3-8.	Value R Wood Steel R ACH 50 =	Value R	Complies? Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Complies Does Not Not Applicable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Applicable	Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met.	Section # 403.2 [FI26] ² 403.5.1.1 [FI28] ² 403.5.1.2 [FI29] ²	Final Inspection Provisions F Hot water boilers supplying heat through one- or two-pipe heating systems have automatic outdoor setback control to lower boiler water temperature based on outdoor temperature, indoor temperature sensing. 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 thermossyphon 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.		Complies Does Not Not Observable Not Applicable Not Observable Not Observable Not Observable Not Observable Not Applicable Not Applicable Not Applicable Not Observable Not Observable	Comments/Assumptions Exception: Requirement is not applicable. Exception: Requirement is not applicable. Exception: Requirement is not applicable.	€ I
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Section # 02.1, 02.2, 02.2, 02.2, 02.2, 02.2, 02.2, 02.2, 02.2, 03.1.1. 03.2 122] ² 02.2, 12] ¹ 02.2, 02.2, 12] ¹ 02.2, 12] 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 extends over insulation. Attic access hatch and door insulation ≥R-value of the adjacent assembly. Blower door test @ 50 Pa. <=5.0 ach in Climate Zones 1-2, and <=3.0 ach in Climate Zones 1-2, and <=3.0 ach in Climate Zones 3-8.	Value R	Value R	Complies? Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Complies Does Not Not Applicable Complies Does Not Not Observable Not Applicable	Comments/Assumptions See the Envelope Assemblies table for values. Requirement will be met.	Section # 403.2 [FI26] ² 403.5.1.1 [FI28] ² 403.5.1.2 [FI29] ² 403.5.3 [FI31] ²	Final Inspection Provisions F Hot water boilers supplying heat through one- or two-pipe heating systems have automatic outdoor setback control to lower boiler water temperature based on outdoor temperature, indoor temperature sensing. 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 thermossyphon 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. Drain water heat recovery units < 54 pis for individual units connected to one or two showers. Potable water heat recovery units < 2 pis for individual units connected to three or more showers.		Complies Does Not Not Observable Not Applicable Complies Does Not Complies Does Not Complies	Comments/Assumptions Exception: Requirement is not applicable.	€ [
Section # 02.1, 02.2.2, 02.2.2, 02.2.2, 02.2.2, 02.2.3 "12] ¹ 02.2.3 "12] ¹ 02.2.3 "12] ¹ 02.2.3 "12] ¹ 02.2.4 "13] ¹ 02.4.1. "17] ¹ 03.3.5	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 extends over insulation. Attic access hatch and door insulation ≥R-value of the adjacent assembly. Blower door test @ 50 Pa. <=5.0 ach in Climate Zones 1-2, and <=3.0 ach in Climate Zones 1-2, and <=3.0 ach in Climate Zones 3-8.	Value R	Value R	Complies? Complies omplies Complies	Comments/Assumptions See the Envelope Assemblies Issee the Envelope Assemblies table for values. Requirement will be met.	Section # 403.2 [FI26] ² 403.5.1.1 [FI28] ² 403.5.1.2 [FI29] ² 403.5.3 [FI31] ² 403.6.2 [FI25] ² 403.6.3	Final Inspection Provisions F Hot water boilers supplying heat through one- or two-pipe heating systems have automatic outdoor setback control to lower boiler water temperature based on outdoor temperature, indoor temperature sensing. 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 thermossyphon circulation systems are not present. Controls for circulating hot water system return pipe is a tedicated return pipe or a cold water system return pipe or a cold water supply pipe. Gravity and thermossyphon circulating 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. Drain water heat recovery units < 3 psi for individual units connected to one or two showers. Potable waterside pressure loss of drain water heat recovery units < 3 psi for individual units connected to three or more showers.		Complies Does Not Not Observable Does Not Does Not Not Observable Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Applicable Complies Does Not Not Observable Not Applicable	Comments/Assumptions Exception: Requirement is not applicable.	50 404 [F1: @ 404 [F1: @ 404 [F1: @ 407 [F1: @ 407 [F1: @ 407 [F1: @ 404 [F1:] [F1
Section # Req.1 02.1, 02.2.2, 02.2.2, 02.2.2, 02.2.3 '[2] ¹ 02.2.3 '[2] ¹ 02.2.3 '[2] ² 02.2.4 (13] ¹ 02.4.1. '[17] ¹ 03.3.5 '[27] 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 extends over insulation. Attic access hatch and door insulation ≥R-value of the adjacent assembly. Blower door test @ 50 Pa. <=5.0 ach in Climate Zones 1-2, and <=3.0 ach in Climate Zones 1-2, and <=3.0 ach in Climate Zones 3-8.	Value R	Value R	Complies? Complies Complies? Complies Not Not Observable Complies Complie	Comments/Assumptions See the Envelope Assemblies Issee the Envelope Assemblies table for values. Requirement will be met.	Section & Req.ID 403.2 [F126] ² 403.5.1.1 [F128] ² 403.5.1.2 [F129] ² 403.5.3 [F131] ² 403.6.2 [F125] ²	Final Inspection Provisions F Hot water boilers supplying heat through one- or two-pipe heating systems have automatic outdoor setback control to lower boiler water temperature based on outdoor temperature, indoor temperature sensing. 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 thermossyphon 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. 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-side pressure loss of drain water heat recovery units consected to three or more showers.		Complies Does Not Not Observable Not Applicable	Comments/Assumptions Exception: Requirement is not applicable. Exception: Requirement is Requirement will be met.	
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	LNot Applicable tem controls Complies Exception: Requirement is not applicable.	402.5 [FR2] ¹ □Not Observable Image: Second state □Not Applicable 303.1.3 U-factors of fenestration products □Complies	
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		or has infiltration rates per NFRC 400 that do not exceed code limits.	IS A VIOLATION OF THE NEW YORK EDUCATION LAW SECTION 7209.2 FOR ANY PERSON,
		and labeled to indicate ≤2.0 cfm □Not Observable leakage at 75 Pa. □Not Applicable 403.3.1 Supply and return ducts in attics □Complies [FR12] ¹ insulated >= R-8 where duct is □Does Not	OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT OR LAND SURVEYOR, TO ALTER
		Image: Second state of the second s	ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION
		International Mechanical Code or International Residential Code, as applicable. International Residential Code, as applicable. 403.3.7 Building cavities are not used as Complies Requirement will be met.	LAVV / 209.2 .
		Image: Weight of the second	
		Completely within the continuous air barrier and within the building thermal envelope, 2) buried within ceiling insulation in accordance with Section	ARCHITECT'S SEAL:
		located completely within the continuous air barrier and within the building thermal envelope and the duct leakage is <= 1.5	REPED ARCH
		conditioned floor area served by the duct system, or 3) the ceiling insulation R-value installed against and above the insulated duct >= to the proposed ceiling	SS PRANK FALMO RE
		value of the insulation on the	August
Value Value <th< td=""><td>ZA) Report date: 02/08/24</td><td>Project Title: Ballinas Addition (BZA) Report date: 02/08/24</td><td>91775 020336 102t</td></th<>	ZA) Report date: 02/08/24	Project Title: Ballinas Addition (BZA) Report date: 02/08/24	91775 020336 102t
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vultis Comples Exception: Requirement is CSA Doce Not Comples Exception: Requirement is Doce Not Doce Not Doce Not Doce Not a for or to speciation Comples Exception: Requirement is Doce Not a for or to speciation Comples Exception: Requirement is Doce Not a for or to speciation Comples Exception: Requirement is Doce Not Doce Not Doce Not Exception: Requirement is Doce Not Doce Not Doce Not Exception: Requirement is Doce Not Doce Not Doce Not Exception: Requirement is Doce Not Doce Not Doce Not Exception: Requirement is Doce Not Doce Not Doce Not Exception: Requirement is Doce Not Doce Not Doce Not Exception: Requirement is Doce Not Doce Not Doce Not Exception: Requirement is Doce Not Doce Not Doce Not Requirement is Doce Not Doce Not Doce Not Exception: Requirement is Doce Not Doce Not Doce Not Exception	ns Complies Exception: Requirement is not applicable. Ily Othe Not Observable Not Applicable	303.3 [F118] ³ Manufacturer manuals for mechanical and water heating systems have been provided. □Complies □Does Not □Not Observable	ARCHITECT, PLLC
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GENERAL NOTES

- 1. THE MECHANICAL SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTERS 12-24 OF THE 2020 RESIDENTIAL CODE OF NYS.
- 2. THE PLUMBING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTERS 25-33 OF THE 2020 RESIDENTIAL CODE OF NYS.
- 3. ELECTRICAL EQUIPMENT AND WIRING SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTERS 43 OF THE 2020 RESIDENTIAL CODE OF NYS.
- 4. EXTERIOR WINDOWS AND GLASS DOORS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R613.5. ALL GLAZING IS TO COMPLY WITH SECTION R308.
- 5. IN ACCORDANCE WITH SECTION R303.7, 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 R318.
- 8. WALL AND CEILING FINISHES SHALL HAVE A FLAME-SPREAD CLASSIFICATION OF NOT GREATER THAN 200 AND A SMOKE- DEVELOPED INDEX OF NOT GREATER THAN 450 IN ACCORDANCE WITH SECTION R302.9.
- 9. INSULATION SHALL HAVE A FLAME-SPREAD INDEX OF NOT GREATER THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT GREATER THAN 450 IN ACCORDANCE WITH SECTION R302.10.1.
- 10. INTERIOR WALL COVERING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R702 AND EXTERIOR WALL COVERING SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R703.
- 11. 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 POSITION AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY.
- 13. STAIRWAYS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R311.7 AND HANDRAILS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION R311.7.8.

WIND UPLIFT DESIGN

AWC WOOD FRAME CONSTRUCTION MANUAL FOR ONE & TWO FAMILY DWELLINGS (2015 EDITION)

- -SECTION 3.2.1.7 SILL PLATE TO FOUNDATION -TABLE 3.2, 3.2A-C
- -SECTION 3.2.2.3 WALL ASSEMBLY TO FOUNDATION -TABLE 3.4B
- -SECTION 3.2.2.2 WALL ASSEMBLY TO WALL ASSEMBLY -TABLE 3.4, 3.4B -SECTION 3.2.3.1 HOLDDOWNS
- -TABLE 3.17F
- -SECTION 3.2.5.4 HEADER AND/OR GIRDER TO STUD -TABLE 3.7
- -SECTION 3.2.2.1 ROOF ASSEMBLY TO WALL ASSEMBLY -TABLE 3.4, 3.4B -SECTION 3.2.5.1 RIDGE STRAPS
- -TABLE 3.6, 3.6A

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	32 36	2	2	3	4 5	5 7	8	9	-						•		PER SQUARE FO ATE (2020 EDITIO
	12 16	1 1	2 2	2	3 3 3 4	8 4 4 5	5 5	5 6			<u> </u>		C	USE	<u> </u>		
24	20 24	2 2	2 2	3 3	3 4 5		6 7	7 8						ATTICS WITHOUT			10
	28 32 36	2 2 2	223	3 3 4	4 5 6		89	-						ATTICS WITH LIMIT			20 30
RECOUR	36 PTIVE LIMITS AR	-				6 8 1F34	-	-	-					CS AND ATTICS SE FERIOR) AND DECK			40
FABULATE	ED UPLIFT CONN	IECTIO					NG						ESCAPES		_	_	40
ABULATE	ED UPLIFT CONNLY DEAD LOAD C	IECTIO															200 ^h 50 ^h
PRESENT	FOR IF THE CEIL Y IS NOT CONNE	ING CTED	TO THE RC	DOF ASSE	MBLY, TH	HE TABUL	ATED NU							HICLE GARAGES ^a			50°
OF NAILS	SHALL BE INCR ASTM A653 GRA	EASED) BY 1 NAIL	L AT EACH										THAN SLEEPING RO	DOMS		40
												SLEE STAIF	PING ROOM	vi5			30 40 [°]
	14/16				<u>TA</u>	BLE TA	KEN FR	ROM R	ND GE		C DÉSI DE OF N	NEW Y	RITERIA ′ORK ST	ES REFER TO THE RESIDENT		1	
ROUND SNOW LOAD [°]		ND DES OPOGR EFFEC		ECIAL WINI REGION ^I		BORNE S ZONE ^m	SEISMIC DESIGN CATEGOR		THERING a	BJECT TO DA FROST LINE DEPTH	TERM	TE ^c	WINTER DESIGN TEMP ^e	ICE SHIELD UNDERLAYMENT REQUIRED ^h	FLOOD HAZARDS ^g	AIR FREEZING INDEX ⁱ 496 (NASSAL	MEAN ANNUAL TEN
20 psf	130	NO		NO	N	0	С	S	EVERE	3 FEET	MODEF TO HE		10	REQUIRED	F.E.M.A.	490 (NASSAC 452 (SUFFOL	
	MPONENT REQUIREMENT	s		UOUS AIR RIOR THE	TABL AIR BARRIE R BARRIE RMAL EN	E TAKE ARRIER C R SHALL I IVELOPE	N 2020 RITERIA BE INSTAL CONTAIN	LED IN		IER AND II	F NEW		<u>(STATE</u>	INSULATION		ION CRITERIA	
CEILING/ A	ATTIC		THE AIR BA	ARRIER IN ON AND AN WN STAIR	N ANY DR NY GAPS	OPPED C	EILING/ S	OFFIT S	HALL BE / ED. ACCE	ALIGNED WIH SS OPENING D ATTIC SPA	S,			I IN ANY DROPPED T THE AIR BARRIEF		FFIT SHALL	
WALLS			THE JUNC SEALED. T WALLS SH KNEE WAL	TION OF T THE JUNC	TION OF [·] EALED.	THE TOP						INSUL THER EXTEI INSTA	LATED BY C MAL RESIS RIOR THER	N CORNERS AND HI COMPLETELY FILLIN TANCE OF R-3 PER MAL ENVELOPE IN JBSTANTIAL CONTA	IG THE CAVI INCH MINIM SULATION FO	TY WITH A MAT IUM. OR FRAMED WA	ERIAL HAVING A
WINDOWS AND DOOI RIM JOIST	_		THE SPAC SKLYLIGH ⁻ RIM JOISTS	TS AND FI	RAMING	SHALL BE	SEALED.		aming, ai	ND		RIM JOISTS SHALL BE INSULATED					
FLOORS (I	INCLUDING ABO	VE .	THE AIR BANNSULATIO	ARRIER S					ED EDGE	OF	RIM JOISTS SHALL BE INSULATED. FLOOR FRAMING CAVITY INSULATION SHALL BE INSTALLED TO MAINTAIN PERMANENT CONTACT WITH THE UNDERSIDE OF SUBFLOOR DECKING, OR FLOOR FRAMING CAVITY INSULATION SHALL BE PERMITTED TO BE IN CONTACT WITH THE TOP SIDE OF SHEATHING, OR CONTINUOUS INSULATION INSTALLED ON THE UNDERSIDE OF FLOOR FRAMING, AND EXTENDS FROM THE BOTTOM OF					DECKING, OR D BE IN CONTACT TION INSTALLED	
CRAWL SF	PACE WALLS		EXPOSED CLASS 1 V							ERED WITH A		WHER		PERIMETER FLOOI ED INSTEAD OF FLC		TION, INSULATIO	ON SHALL BE
SHAFTS, F	PENETRATIONS		DUCT SHA EXTERIOR							NING TO		_					
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GARAGE	SEPARATION		AIR SEALIN SPACES.	NG SHALL	BE PRO	VIDED BE	I WEEN T	не GAR	AGE AND	CONDITIONE	NDITIONED						
RECESSE	D LIGHTHING		RECESSEE SHALL BE					BUILDIN	IG THERM	IAL ENVELOF	PE	THER	MAL ENVEL	T FUIXTURES INST OPE SHALL BE AIR	TIGHT AND	IC RATED.	
PLUMBING	G AND WIRING											IN EXT	TEIROR WA	N SHALL BE CUT NI LLS, OR INSULATIC VAILABLE SPACE \$	N THAT ON	INSTALLATION	
HOWER/			THE AIR BAND TUBS		-		-			SHOWERS UBS.		EXTER		S ADJACENT TO S⊦	IOWERS AND	D TUBS SHALL E	BE INSULATED.
	AL/ PHONE BOX		THE AIR BA	-		-		-									
	*							UILDING		L ENVELOPE	:						
	GISTER BOOTS		SHALL BE	SEALED 1	TO THE S	UBFLOOF	R OR DRY	WALL.									

TABLE	TAKEN

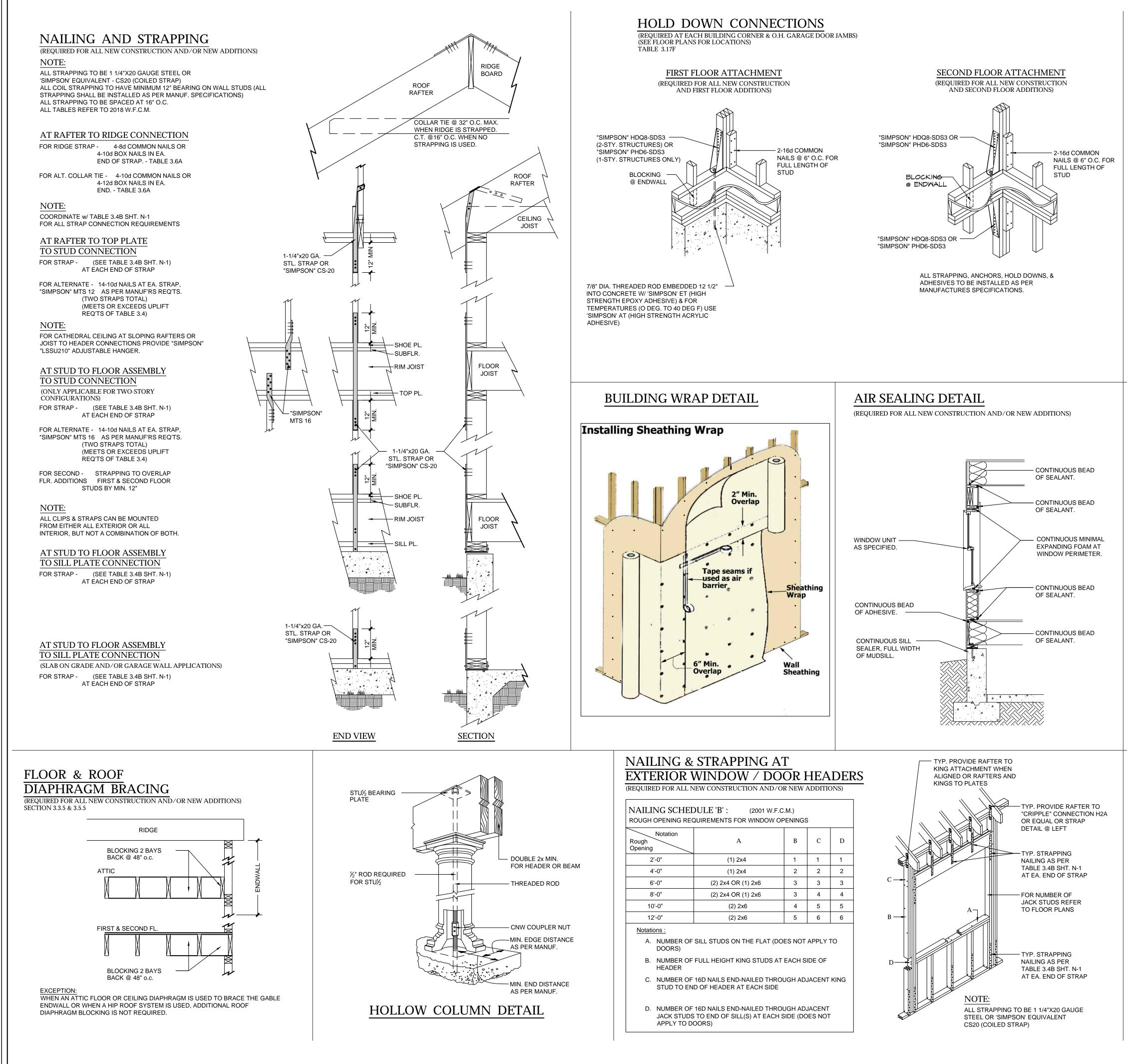
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	(PRESCRIP EN FROM A	TIVE A	LTER	NATE	ΤΟ ΤΑ	ABLE 3	3.4)						STRUC	TURAL MEN	MBER		ALLC	WABLE DEFLECTION		
	ONE & TWO														TER THAN 3:12 WITI D TO RAFTERS	Н		L/180		
	EAD LOAD ASSU		N: ROOF	/ CEILIN	NG ASS	SEMBLY	DL = 15	5 psf]				PARTITION				H/180		
	ND GUST WIND) (mph.)	85	90	100	110	120	130	140	150		FLOOR							L/360		
RAMING SPACING	ROOF SPAN (ft.)								1,2,3,4	-					S (INCLUDING PLAS			L/360 L/240		
(in.)	12	1 NA	AILS IN E	A. END	OF 1-74	4"x20 GAI	2 UGE S		3					RAL MEMBE	·	SUM BOARD)		L/240		
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12	24 28	1	1	2 2	2 2	33	3 4	4	4 5		EXTER	IOR WAL	ALLS - WIND LOADS ^a WITH OTHER BRITTLE FINISHES					H/240		
	32 36	1	1 2	2 2	3 3	3 3	4 4	5 5	5 6		EXTER	IOR WAL	LS - WI	IND LOADS	^a WITH FLEXIBLE	FINISHES		H/120 ^d		
	12 16	1	1 1	2	2 2	2 3	3 3	3 4	4 4		LINTEL	SUPPOR	RTING N	MASONRY V	ENEER WALLS [®]			L/600		
16	20 24 28 32 36 12 16	1 1 1 2 1 1	1 2 2 2 2 1	2 2 2 3 2 3	2 3 3 4 2 2	3 3 4 4 4 4 3 3	4 5 5 6 3 4	4 5 6 7 4	5 6 7 8 4 5	-	a. FOR TH AS 0.7 b. FOR C/ c. FOR AI NOT S CONTI EXCEI FOR S DEFLE	TIMES THE C ANTILEVER M LUMINUM STF UPPORTING INUOUS ALUM ED L/175 FOR ANDWICH PA ECTION SHALI	OF THE DE COMPONEN IEMBERS, I RUCTURAL EDGE OF C MINUM STR EACH GLA NELS USE L NOT EXC	ETERMINING DEF NT AND CLADDING L SHALL BE TAKE MEMBERS OR P/ GLASS OR SANDV RUCTURAL MEMB NSS LITE OR L/60 1 D IN ROOFS OR V EED L/120	FLECTION LIMITS HEREIN, TH G (ASD) LOADS OBTAINED FI IN AS TWICE THE LENGTH O ANELS USED IN ROOFS OR V MICH PANELS, THE TOTALLC IERS SUPPORTING EDGE OF FOR THE ENTIRE LENGTHE I WALLS OF SUNROOM ADDITI ERIOR GYPSUM BOARD FNIS	ROM TABLE R301.2(2 F THE CANTILEVER. VALLS OF SUNROON JAD DEFLECTION S [†] GLASS, THE TOTAL OF THE MEMBER, W ONS OR PATIO COV	2). / ADDITIONS OR PATIO IALL NOT EXCEED L/60 LOAD DEFLECTION SH HICHEVER IS MORE ST ERS, THE TOTAL LOAD	COVERS, . FOR ALL NOT		
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	TIVE LIMITS AR								<u> </u>	1					TERIOR) AND DECK	«S ^e		40		
OCATED I	ED UPLIFT CONN IN EXPOSURE B ED UPLIFT CONN													ESCAPES	NDRAILS ^d			40 200 ^h		
ASSEMBL	Y DEAD LOAD C	F 9 PSF											GUA	RD IN-FILL (COMPONENTS			50 ^h		
ASSEMBLY OF NAILS	IS NOT CONNE SHALL BE INCR	CTED TO EASED E	BY 1 NAIL	L AT EA					/IBER		PASSENGER VEHICLE GARAGES ^a ROOMS OTHER THAN SLEEPING ROOMS					OOMS		50 [°] 40		
MINIMUM	ASTM A653 GRA	DE 33 ST	TEEL STF	RAP.]								30 40 [°]		
ROUND										C DÉSI DE OF N	NEW Y		ATE (2020 EDI	FLOOD	AIR FREEZING	MEAN ANNUAL TEMP				
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20 psf	130	NO		NO		NO		С	SI	EVERE	3 FEET	MODEF TO HE		10	REQUIRED	F.E.M.A.	496 (NASSAU 452 (SUFFOLK			
				TAB			```		,		ER AND I									
COI	MPONENT					IR BARR									INSULATIO	N INSTALLATI	ON CRITERIA			
GENERAL	REQUIREMENT	S TH BI	HE EXTE REAKS C	Rior Ti Dr Join	HERMA TS IN T	AL ENVEI THE AIR E	LOPE C BARRIE	CONTAINS	S A CON BE SEA	ITINUOUS ALED.	DING ENVELO	R.	SEALING MATERIAL.							
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RIM JOIST	S	RI	IM JOIST	S SHAL	L INCLU	UDE THE	AIR B	ARRIER.					RIM JOISTS SHALL BE INSULATED.							
	NCLUDING ABO	RED TH	HE AIR B. ISULATIC		R SHALL	L BE INS	TALLEI	D AT ANY	EXPOS	ED EDGE	OF	FLOOR FRAMING CAVITY INSULATION SHALL BE INSTALLED TO MAINTAIN PERMANENT CONTACT WITH THE UNDERSIDE OF SUBFLOOR DECKING, OR FLOOR FRAMING CAVITY INSULATION SHALL BE PERMITTED TO BE IN CONTACT WITH THE TOP SIDE OF SHEATHING, OR CONTINUOUS INSULATION INSTALLED ON THE UNDERSIDE OF FLOOR FRAMING, AND EXTENDS FROM THE BOTTOM OF THE TOP OF ALL PERIMETER FLOOR FRAMING MEMBERS.					ECKING, OR DE IN CONTACT ION INSTALLED			
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				NG SHA		PROVIDE	ED BET	WEEN TH	HE GAR	AGE AND	CONDITIONE	BATTS IN NARROW CAVITIES SHALL BE CUT TO FIT, OR NARROW CAVITES SHALL BE FILLED BY INSULATION THAT ON INSTALLATION READILY CONFORMS TO THE AVAILABIE CAVITY SPACE.								
	SEPARATION		PACES.	יייטוח				D ואודניה י	איס ווו B				DEAT							
	CESSED LIGHT FIXTRUES INSTALLED INTHE BUILDING THERMAL ENVIOL SHALL BE SEALED TO THE DRY WALL. JMBING AND WIRING									THEKW			THER BATT IN EX	MAL ENVEL	IT FUIXTURES INST LOPE SHALL BE AIF NN SHALL BE CUT N ALLS, OR INSULATIO AVAILABLE SPACE	R TIGHT AND I EATLY TO FIT ON THAT ON II	C RATED. AROUND WIRII			
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			000	, JUIALL																
	AL/ PHONE BOX				-	-			-	RICAL OR										
ON EXTER		C(OMMUNI	CATION	BOXES	S OR AIF	R-SEAL	ED BOXE	S SHAL	L BE INST		<u>-</u>								

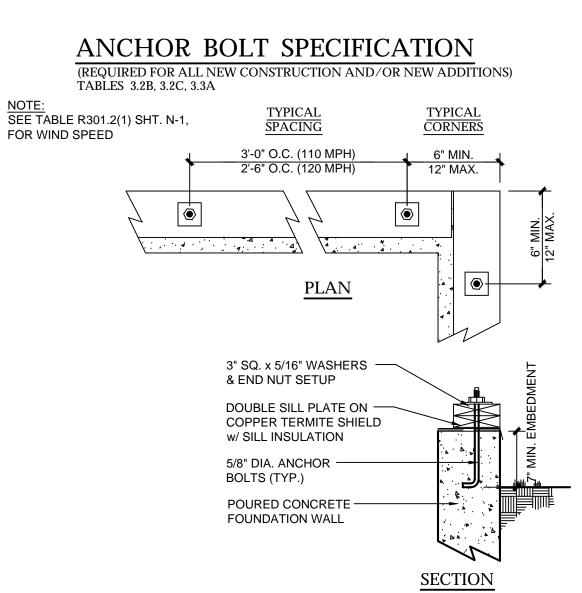
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	(PRESCRIF EN FROM A	PTIVE	ALTER	RNATE	тот	ABLE 3	3.4)						STRUCTU		IBER		ALLO	OWABLE DEFLECTIO
	ONE & TWO								JAL			RS HAVIN	IG SLOPES	S GREAT	ER THAN 3:12 WITH	1		L/180
D	EAD LOAD ASS	UMPTIC	ON: ROC	DF / CEIL	ING AS	SEMBLY	DL = 15	5 psf]			S AND PAI		O TO RAFTERS			H/180
	ND GUST WIND D (mph.)	85	90	100	110	120	130	140	150		FLOOR	5						L/360
FRAMING SPACING	ROOF					N NAILS			1004	-					(INCLUDING PLAS		,	L/360
(in.)	SPAN (ft.)	1		EA. END		4"x20 GA			1,2,3,4	-					S (INCLUDING GYP	SUM BOARD))	L/240 L/240
	12 16 20	1	1	1	2 2 2	2 2 2	2 3 3	33	3 3 4						WITH PLASTER O	R STUCCO FI	INISH	H/360
12	24 28	1 1	1	2	2	3	3 4	4	4 5		EXTERIOR WALLS - WIND LOADS ^a WITH OTHER BRITTLE FINISHES						S	H/240
	32 36	1 1	1 2	2 2	3 3	3 3	4 4	5 5	5 6		EXTERI	OR WALL	_S - WIND	LOADS ^a	WITH FLEXIBLE F	INISHES		H/120 ^d
	12 16	1	1	2	2	23	3	3	4		LINTEL	SUPPOR	TING MAS	ONRY VI	ENEER WALLS [®]			L/600
16	20 24 28 32 36 12 16	1 1 1 1 2 1 1	1 2 2 2 2 1	2 2 2 2 3 2 3	2 3 3 4 2 2 2	3 3 4 4 4 4 3 3	4 4 5 5 6 3 4	4 5 5 6 7 4	5 6 7 8 4 5	_	a. FOR TH AS 0.7 b. FOR CA c. FOR AL NOT SU CONTI EXCEE FOR 5/ DEFLEO	E PURPOSE TIMES THE C NTILEVER MI UMINUM STR JPPORTING E NUOUS ALUM D L/175 FOR ANDWICH PAI CTION SHALL	OMPONENT AN EMBERS, L SHA UCTURAL MEM EDGE OF GLAS INUM STRUCT EACH GLASS L NELS USED IN . NOT EXCEED	MINING DEFL ID CLADDING ILL BE TAKEN IBERS OR PA S OR SANDW URAL MEMBE ITE OR L/60 F ROOFS OR W L/120	LECTION LIMITS HEREIN, THI 6 (ASD) LOADS OBTAINED FF N AS TWICE THE LENGTH OF NELS USED IN ROOFS OR W IICH PANELS, THE TOTAL LO ERS SUPPORTING EDGE OF FOR THE ENTIRE LENGTHE C ALLS OF SUNROOM ADDITIO	ROM TABLE R301.2(2 THE CANTILEVER. /ALLS OF SUNROON /AD DEFLECTION SF GLASS, THE TOTAL /> THE MEMBER, W DNS OR PATIO COV	2). M ADDITIONS OR PATH HALL NOT EXCEED L/6 LOAD DEFLECTION S HICHEVER IS MORE S 'ERS, THE TOTAL LOAI	O COVERS, 10. FOR HALL NOT TRINGENT.
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	32 36	2 2	2 3	3 4	5 5	6 6	7 8	9	-				HABITAE	BLE ATTI	CS AND ATTICS SE	RVED WITH F		30
	PTIVE LIMITS AR							G					BALCON		ERIOR) AND DECK	S ^e		40
LOCATED I	IN EXPOSURE E	3.							NG						NDRAILS ^d			200 ^h
ASSEMBL PRESENT	Y DEAD LOAD	OF 9 PS LING	SF (0.60 x	< 15 psf =	9 psf). I	IF A CEIL	ING AS	SEMBLY	IS NOT						COMPONENTS ^f			50 ^h
OF NAILS	/ IS NOT CONNE SHALL BE INCF ASTM A653 GRA	REASED) BY 1 N/	AIL AT EA					ИBER						THAN SLEEPING R	DOMS		40
. WIINIMUM /	ASTNI A053 GRA	ADE 33	SIEEL S	OTRAP.									SLEEPIN	NG ROON	IS			30 40 [°]
GROUND SNOW LOAD °		ND DES OPOGR EFFE	RAPHIC S	SPECIAL V REGIOI		/IND-BORI EBRIS ZO		SEISMIC DESIGN CATEGOR			JECT TO DA FROST LINE DEPTH	TERMI	TE [°]	VINTER DESIGN TEMP ^e	ICE SHIELD UNDERLAYMENT REQUIRED ^h	FLOOD HAZARDS ⁹	AIR FREEZING INDEX ⁱ 496 (NASSAU	MEAN ANNUAL TEI
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CEILING/ A	ATTIC		INSULAT	TION AND	D ANY G AIRS OF	GAPS IN T	THE AIF	R BARRIE	R SEAL	ED. ACCES	LIGNED WIH S OPENING ATTIC SPA	S,	BE ALIG	NED IWH	IN ANY DROPPED T THE AIR BARRIEF	२.		
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	AL/ PHONE BO>	` I			-	-			-	TRICAL OR								
			CONNUC				, JEAL		S SHAL									
ON EXTER	BISTER BOOTS		-			_		RATION BU OR DRYV	-	G THERMAL	. ENVELOPE							

JOINT DESCRIPTION		NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	NAIL SPACING
	ROOF FR/	AMING		
FTER TO TOP PLATE (TOE NAILED)		3-8d	3-10d	PER RAFTER
ILING JOIST TO TOP PLATE (TOE-NAILED)		3-8d 7-16d	3-10d 7-40d	PER JOIST EACH LAP
LING JOIST LAPS OVER PARTITION (FACE-NAILED)		7-16d	7-40d	EACH LAP
LLAR TIE TO RAFTER (FACE-NAILED)		4-10d	4-12d	PER TIE
DCKING TO RAFTER (TOE-NAILED)		2-8d	2-10d	EACH END
I BOARD TO RAFTER (END-NAILED)		2-16d	3-16d	EACH END
	WALL FRA		1	
P PLATE TO TOP PLATE (FACE-NAILED) P PLATES AT INTERSECTIONS (FACE-NAILED)		2-16d ¹ 4-16d	2-16d ¹ 5-16d	PER FOOT JOINTS - EACH SIDE
JD TO STUD (FACE-NAILED)		2-16d	2-16d	24" O.C.
ADER TO HEADER (FACE-NAILED)		16d	16d	16" o.c. ALONG EDGES
P OR BOTTOM PLATE TO STUD (END-NAILED)		2-16d	2-40d	PER STUD
TTOM PLATE TO FLOOR JOIST, BANDJOIST, ENDJOIST OR E CE-NAILED)	BLOCKING	2-16d ^{1,2}	2-16d ^{1,2}	PER FOOT
	FLOOR FR	AMING		
ST TO SILL, TOP PLATE OR GIRDER (TOE-NAILED)		4-8d	4-10d	PER JOIST
DGING TO JOIST (TOE-NAILED)		2-8d	2-10d	EACH END
OCKING TO JOIST (TOE-NAILED)		2-8d	2-10d	EACH END
OCKING TO SILL OR TOP PLATE (TOE-NAILED)		3-16d	4-16d	
OGER STRIP TO BEAM (FACE-NAILED) ST ON LEDGER TO BEAM (TOE-NAILED)		3-16d 3-8d	4-16d 3-10d	EACH JOIST PER JOIST
ND JOIST TO JOIST (END-NAILED)		3-8d 3-16d	4-16d	PER JOIST PER JOIST
ID JOIST TO SILL OR TOP PLATE(TOE-NAILED)		2-16d ¹	3-16d	PER FOOT
	ROOF SHE	ATHING		
RUCTURAL PANELS		8d	10d	6" EDGE / 6" FIELD
GABLE ENDWALL RAKE		8d	10d	4" EDGE / 4" FIELD
			0.404	
1"x6" or 1"x8" 1"x10" or WIDER		2-8d 3-8d	2-10d 3-10d	PER SUPPORT PER SUPPORT
	CEILING SHI			
PSUM WALLBOARD		5d COOLERS	5d COOLERS	7" EDGE / 10" FIELD
	WALL SHE			
RUCTURAL PANELS		8d	10d	6" EDGE / 6" FIELD
ERBOARD PANELS				
<i>И</i> ₁₆ "		6d ³	-	3" EDGE / 6" FIELD
²⁵ / ₃₂ "		8d ³	-	3" EDGE / 6" FIELD
PSUM WALLBOARD RDBOARD		5d COOLERS 8d	5d COOLERS 8d	7" EDGE / 10" FIELD 6" EDGE / 12" FIELD
RTICLEBOARD PANELS		8d	8d	(SEE MANUFACTUREF
GONAL BOARD SHEATHING				
1"x6" or 1"x8"		2-8d	2-10d	PER SUPPORT
1"x10" or WIDER		3-8d	3-10d	PER SUPPORT
	FLOOR SHE	ATHING		
RUCTURAL PANELS				
1" OR LESS		8d	10d	6" EDGE / 12" FIELD
GREATER THAN 1" GONAL BOARD SHEATHING		10d	16d	6" EDGE / 6" FIELD
1"x6" or 1"x8"		2-8d	2-10d	PER SUPPORT
1"x10" or WIDER		3-8d	3-10d	PER SUPPORT
IAILING REQUIREMENTS ARE BASED ON WALL SHEATHING HEATHING IS NAILED 3 INCHES ON-CENTER AT THE PANEL EQUIREMENTS FOR STRUCTURAL MEMBERS SHALL BE DC HALL BE USED TO MAINTAIN THE LOAD PATH. VHEN WALL SHEATHING IS CONTINUOUS OVER CONNECTE O BE REDUCED TO 1-16d NAIL PER FOOT. CORROSION RESISTANT 11 GAGE ROOFING NAILS AND 16 C EQUIREMENTS.	EDGE TO OBTAIN OUBLED, OR ALTER ED MEMBERS, THE	HIGHER SHEAR CAPACITIE NATE CONNECTORS, SUCH TABULATED NUMBER OF N	S, NAILING I AS SHEAR PLATES, AILS SHALL BE PERMIT	ITED
TABLE R MINIMUM SPECIFIED COMPRESSI TABLE TAKEN FROM RESIDENTIAL COI	VE STRENGTH DE OF NEW YO		<u>,</u>	
TYPE OR LOCATIONS OF CONCRETE CONSTRUCTION				
	NEGLIGIBLE	MODERATE	SEVERE	
SEMENT WALLS, FOUNDATIONS AND OTHER CONCRETE DT EXPOSED TO THE WEATHER	2,500	2,500	2,500 ^c	
SEMENT SLABS AND INTERIOR SLABS ON GRADE, CEPT GARAGE FLOOR SLABS	2,500	2,500	2,500 [°]	
ASEMENT WALLS, FOUNDATION WALLS, EXTERIOR WALLS ND OTHER VERTICAL CONCRETE WORK EXPOSED TO	2,500	3,000 ^d	3,000 ^d	
EATHER DRCHES, CARPORT SLABS AND STEPS EXPOSED TO THE EATHER, AND GARAGE FLOOR SLABS	2,500	3,000 ^{d, e, f}	3,500 ^{d, e, f}	
DR SI: 1 POUND PER SQUARE INCH = 6,895 kPa				
STRENGTH AT 28 DAYS PSI. STRENGTH AT 28 DAYS PSI. SEE TABLE R301.2(1) FOR WEATHERING POTENTIAL. CONCRETE IN THESE LOCATIONS THAT IS SUBJECT TO FF AIR-ENTRAINED CONCRETE IN ACCORDANCE WITH FOOT CONCRETE SHALL BE AIR ENTRAINED. TOTAL AIR CONTEI	NOTE d.			

f. FOR GARAGE FLOORS WITH A STEEL-TROWELED FINSIH, REDUCTION OF THE TOTAL AIR CONTENT (PERCENT BY VOLUME OF CONCRETE) TO NOT LESS THAN 3 PERCENT IS PERMITTED IF THE SPECIFIED COMPRESSIVE STRENGTH OF THE CONCRETE IS INCREASED TO NOT LESS THAN 4,000 PSI.

FILE LOCATION	۱:
REVISIONS:	
# DATE	DESCRIPTION
ISSUED TO:	
DISCLAIMER:	
DRAWINGS ARE TH	E PROPERTY OF FRANK T,PLLC. AND SHALL NOT BE
REPRODUCED WITH FRANK FALINO, ARC	HOUT THE PERMISSION OF CHITECT, PLLC "WARNING: IT
LAW SECTION 7209	THE NEW YORK EDUCATION .2 FOR ANY PERSON, ING UNDER THE DIRECTION
OF A LICENSED PR	OFESSIONAL ENGINEER, ND SURVEYOR, TO ALTER
ALTERING PERSON	ANY WAY. IF ALTERED, THE SHALL COMPLY WITH THE
LAW 7209.2".	NEW YORK EDUCATION
ARCHITECT'S	SEAL:
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CLIENT INFO:	
MOYSES A BALLINAS	AND ANNA
3 HUNTINGTO	N ROAD NGTON, NY 11070
SEC. 5, BLOCI	
PROJECT TITL	
PROJECT DES	RESIDENCE CRIPTION:
ADDITION	AND MAINTAIN
PHASE: BZA	
CHECKED BY:	ISSUE DATE:
	02/09/24
DRAWN BY: SB	CURRENT DATE: 02/09/24
DRAWING TITL	
BUIL	ESIDENTIAL DING CODE
SHEET NO:	ANDARDS





NOTE:

- 1.) USE 5/8" DIA. ANCHOR BOLTS W/ MINIMUM 7" EMBEDMENT INTO CONCRETE W/ 3" SQUARE x 5/16" WASHERS AND END NUT SETUP.
- 2.) ANCHOR NOTED HEREIN ARE NOT TO BE USED FOR OR REPLACED
- BY HOLD DOWNS FOR SHEARWALLS. 3.) ONE ANCHOR BOLT IS TO BE LOCATED BETWEEN 6" MINIMUM TO
- 12" MAXIMUM FROM ENDS AND CORNERS.

SPLICING OF TOP PLATE

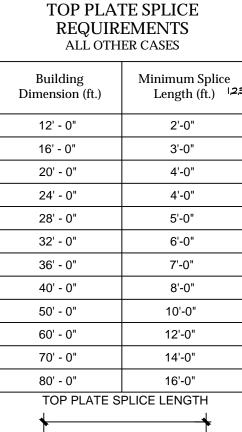
(REQUIRED FOR ALL NEW CONSTRUCTION AND/OR NEW ADDITIONS) TABLE 3.21

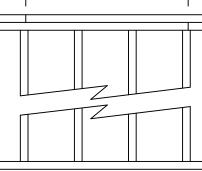
TOP PLATE SPLICE REQUIREMENTS ONE STORY SLAB-ON-GRADE								
Building Dimension (ft.)	Minimum Splice Length (ft.) ¹ 23							
12' - 0"	3'-0"							
16' - 0"	4'-0"							
20' - 0"	5'-0"							
24' - 0"	6'-0"							
28' - 0"	7'-0"							
32' - 0"	8'-0"							
36' - 0"	9'-0"							
40' - 0"	11'-0"							
50' - 0"	13'-0"							
60' - 0"	16'-0"							
70' - 0"	19'-0"							
80' - 0"	22'-0"							

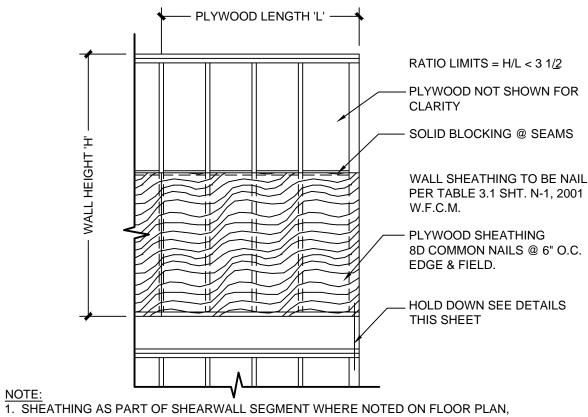
1.) TABULATED SPLICE LENGTHS ASSUME TOP PLATE-TO-TOP PLATE CONNECTION USING 2-16d NAILS PER FOO FOR SHORTER SPLICE LENGTHS, THE NAIL SPACING

SHALL BE REDUCED IN ORDER TO PROVIDE AN EQUIVALENT NUMBER OF NAILS.

2.) TABULATED SPLICE LENGTHS ASSUME A BUILDING LOCATED IN EXPOSURE B OR C. 3.) TOP PLATES SHALL BE A MINIMUM OF STUD GRADE







SHALL BE CONTINUOUS FROM SILL TO TOP PLATE OR ADEQUATELY BLOCKED AT JOINTS.

2. HOLD DOWNS REQUIRED AT ALL CORNERS OF STRUCTURE SEE DETAILS THIS SHEET.

SHEARWALL SEG. DETAIL (TYP)

PATH.

3. REFER TO NAILING AND STRAPPING DETAILS THIS SHEET TO FOR A CONTINUOUS LOAD

– PLYWOOD NOT SHOWN FOR CLARITY

WALL SHEATHING TO BE NAILED AS

- SOLID BLOCKING @ SEAMS

RATIO LIMITS = H/L < 3 1/2

F	ILE LOCATION:
R #	EVISIONS: DATE DESCRIPTION
15	SSUED TO:
	ISCLAIMER: RAWINGS ARE THE PROPERTY OF FRANK
F. R F IS L U O A T A R	ALINO, ARCHITECT, PLLC. AND SHALL NOT BE EPRODUCED WITHOUT THE PERMISSION OF RANK FALINO, ARCHITECT, PLLC "WARNING: IT & A VIOLATION OF THE NEW YORK EDUCATION AW SECTION 7209.2 FOR ANY PERSON, NLESS HE IS ACTING UNDER THE DIRECTION F A LICENSED PROFESSIONAL ENGINEER, RCHITECT OR LAND SURVEYOR, TO ALTER HIS DOCUMENT IN ANY WAY. IF ALTERED, THE LTERING PERSON SHALL COMPLY WITH THE EQUIREMENTS OF NEW YORK EDUCATION AW 7209.2".
A	RCHITECT'S SEAL:
	STEPANK FALMO
	FRANK FALINO A R C H I E
	C FRANK FALINO T ARCHITECT, PLLC DESIGN & CONSTRUCTION
	16 HARBOR ROAD PORT WASHINGTON, NY 11050 (631) 375-5513 frankfalino@gmail.com
	LIENT INFO: MOYSES AND ANNA BALLINAS
	3 HUNTINGTON ROAD PORT WASHINGTON, NY 11070 SEC. 5, BLOCK 60 LOT 313
	ROJECT TITLE: BALLINAS RESIDENCE ROJECT DESCRIPTION:
	ADDITION AND MAINTAIN
С	BZA HECKED BY: ISSUE DATE: FF 02/09/24
	RAWN BY: CURRENT DATE: 02/09/24
D	RAWING TITLE: NYS RESIDENTIAL BUILDING CODE DETAIL SHEET
S	HEET NO: GN-2

GENERAL NOTES & SPECIFICATIONS

GENERAL NOTES DIVISION 1

1. BIDDERS ARE REQUIRED TO VISIT THE SITE AND ACQUAINT THEMSELVES WITH EXISTING CONDITIONS AT THE SITE. 2. AFFIDAVITS, CERTIFICATIONS, AND/OR OTHER CREDENTIALS SHALL BE FURNISHED FOR ALL OPERATIONS AND/OR PERSONNEL

- REQUIRED BY CODE TO BE LICENSED, CERTIFIED OR OTHERWISE QUALIFIED.
- 3. ALL CONSTRUCTION SHALL CONFORM TO ALL LOCAL AND STATE BUILDING CODES AND ORDINANCES AND SHALL COMPLY WITH THE 2020 NYS RESIDENTIAL CODE AND THE 2020 NYS ENERGY CONSERVATION CODE.
- 4. DRAWINGS ARE THE PROPERTY OF FRANK FALINO, ARCHITECT, PLLC. AND SHALL NOT BE REPRODUCED WITH OUT THE PERMISSION OF FRANK FALINO, ARCHITECT, PLLC
- "WARNING: IT IS A VIOLATION OF THE NEW YORK EDUCATION LAW SECTION 7209.2 FOR ANY PERSON. UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK
- EDUCATION LAW 7209.2". 6. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALE.
- 7. THE CONTRACTOR SHALL CHECK AND VERIFY DIMENSIONS ON THE DRAWINGS WITH ACTUAL MEASUREMENTS OF ALL WORK IN PLACE AT THE SITE AND BE RESPONSIBLE FOR THE CORRECTNESS OF THEM. ANY DIFFERENCE SHALL BE REPORTED IN SUFFICIENT TIME FOR CONSIDERATION AND DIRECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING ALL LINE, GRADES AND BENCH MARKS, NECESSARY FOR PROPER EXECUTION OF THE WORK BEFORE PROCEEDING. ALL SURVEY DATA SHALL BE VERIFIED BY THE
- CONTRACTOR. 9. ALL WORK SHALL BE EXECUTED IN SUCH A MANNER AS TO PROTECT THE SAFETY OF ALL WORKMEN AND THE PUBLIC.
- ALL BARRIERS AND OTHER PRECAUTIONARY MEASURES SHALL BE BE REQUIRED FOR SAFETY DURING THE ENTIRE CONSTRUCTION OPERATION. OWNER/CONTRACTOR(S), ARE RESPONSIBLE FOR INSPECTION, APPROVALS, PERMITS, CERTIFICATE OF OCCUPANCY,
- UL APPROVAL, ETC 11. THE CONTRACTOR SHALL DELIVER TO THE OWNER, UPON SUBSTANTIAL COMPLETION OF THE WORK, A WRITTEN
- GUARANTEE TO COVER A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION AND ACCEPTANCE BY THE OWNER 12. ANY AND ALL CHANGES TO WORK MUST BE PRESENTED TO OWNER, IN WRITING, FOR APPROVAL, PRIOR TO COMMENCEMENT. ALL PRICING INCLUDING CREDITS, OR ADDITIONS ARE TO BE FURNISHED TO OWNER AS PART OF

CHANGE ORDER SUBMITTALS IN ACCORDANCE WITH THE GENERAL CONTRACT. SITE WORK

DIVISION 2

- 1. CONTRACTOR SHALL CLEAR & GRUB THE ENTIRE AREA AS REQUIRED TO FACILITATE THE CONSTRUCTION PROCESS. REMOVE ALL BRANCHES, STUMPS, ROOTS, ETC. & DISPOSE OF OFF SITE.
- 2. CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL EXISTING SUBSURFACE UTILITIES & TAKE PROPER PRECAUTIONS NOT TO DISTURB THESE ITEMS. HAND DIG/ EXCAVATE AS REQD. NOTIFY PROPER AUTHORITIES, INSPECTORS, AS REQUIRED BY LOCAL & STATE CODE.
- 3. BACKFILL SHALL BE ACCOMPLISHED IN LIFTS NOT TO EXCEED 12" IN DEPTH. COMPACTION SHALL BE AT A MINIMUM OF 95% OF THE MODIFIED PROCTOR DENSITY AND AT OPTIMUM MOISTURE CONTENT. THE MATERIAL SHALL CONTAIN LESS THAN 12% PASSING THE #200 SIEVE. CONTRACTOR SHALL STRIP & STOCKPILE ALL TOPSOIL LOCATED WITHIN THE CONSTRUCTION AREA LIMITS.
- 5. CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO NOT DISTURB ANY EXISTING STRUCTURE, FOOTING &/OR
- FOUNDATIONS DURING EXCAVATION &/OR BACKFILLING. ANY UNDERMINING WHICH OCCURS DURING EXCAVATION SHALL BE REPAIRED VIA UNDERPINNING & SIMILAR PROCESSES. 6. DEMO - TEST FOR LEAD AND FOLLOW PROPER REMOVAL & DISPOSAL REQ'S, INCLUDING CERTIFICATION

CONCRETE **DIVISION 3**

- 1. ELEVATION OF FOOTING BOTTOMS SHALL NOT BE LESS THAN 3'-0' BELOW EXISTING GRADE AND SHALL BE WELL
- DRAINED. PUMP AS REQUIRED. 2. ANCHOR BOLT SPACING FROM ENDS OF FOUNDATION WALLS SHALL BE 12" MAX & SPACED @ 30" OC MAX.
- 3. FOOTINGS TO BEAR ON UNDISTURBED SOIL (VIRGIN) OF ONE TON PER SQUARE FOOT BEARING CAPACITY.
- 4. CONCRETE TO BE READY MIXED, AND NO CONCRETE SHALL BE PLACED UNDER 40 DEGREES FAHRENHEIT. 5. CONSTRUCTION JOINTS IN FOUNDATION WALLS SHALL BE NO LESS THAN 4'-0" FROM ANY PIER AND A MAXIMUM OF
- 50'-0" APART. REINFORCEMENT SHALL BE CONTINUOUS THROUGH CONSTRUCTION JOINTS. DO NOT USE HORIZONTAL CONSTRUCTION JOINTS.
- 6. SLABS ON GRADE SHALL BE PLACED BY STRIP PLACING METHOD (MAXIMUM WIDTH 20' X INFINITE LENGTH). WITH CONTROL JOINTS (SAW CUT) MAXIMUM 20'-0" O.C.). CONSTRUCTION JOINTS SHALL BE PLACED ALONG LENGTH OF PLACEMENT AND AT END OF PLACEMENT. 7. CONTINUOUS CONCRETE FOOTINGS ARE SHOWN. FOOTING STEPS AS PER REQUIREMENTS OF LOCAL BUILDING
- CODES. UNEQUAL BEARING IS NOT PERMITTED.
- 8. FURNISH 3500 PSI STONE AGGREGATE CONCRETE. ALL CONCRETE SHALL CONFORM TO ACI 301-95.
- 9. ALL REINFORCEMENT OTHER THAN MESH SHALL BE DEFORMED TYPE INTERMEDIATE GRADE BILLET. 10. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- 11. TEMPERATURE REINFORCEMENTS, SPLICES, SUPPORTS FOR REINFORCEMENTS SHALL CONFORM TO
- REQUIREMENTS OF ACL-318, 2008
- 12. CONTINUOUS REINFORCEMENTS SHALL BE LAPPED 40 DIAMETERS AT SPLICES AND CORNERS AND HOOKED AT NON-CONTINUOUS ENDS. REINFORCEMENT SHALL BE DETAILED IN ACCORDANCE WITH SP-66(04) 13. PROVIDE TWO #6 BARS FOR ALL SIDES AT OPENINGS IN CONCRETE WALLS UNLESS OTHERWISE NOTED. EXTEND
- BARS 2'-0" BEYOND OPENINGS, HOOK ENDS.
- 14. PROVIDE SLEEVES AND BOX OUT FOR OPENINGS REQUIRED BY MECHANICAL TRADES, OPENINGS SHALL BE PLACED SO THAT STRENGTH OF STRUCTURAL MEMBERS IS NOT AFFECTED.
- 15. MAINTAIN A MAXIMUM SLOPE OF ONE VERTICAL TO TWO HORIZONTAL BETWEEN BOTTOMS OF ADJACENT FOOTINGS, INCLUDING BOTTOM OF EXISTING FOOTINGS.

MASONRY **DIVISION 4**

- 1. ALL CONCRETE BLOCK SHALL BE LOAD BEARING AND SHALL CONFORM TO ASTM STANDARD C-90 GRADE N UNITS.
- 2. FILL BLOCKS SOLID UNDER CONCENTRATED LOADS IN ALL BLOCK WALL ABOVE AND BELOW GRADE. ALL ANCHORAGE PLACED IN MASONRY TO BE FILLED SOLID WITH CONC.
- 3. PROVIDE VERTICAL CONTROL JOINTS IN BLOCK WALL 30'-0" O.C. MAXIMUM USING PREMOULDED FILLER AND JAMB BLOCK UNLESS OTHERWISE DETAILED ON DRAWINGS.
- 4. ALL BLOCK WALLS SHALL BE CONSTRUCTED WITH GALVANIZED WALL REINFORCEMENT TO BE TRUSS TYPE (9)GAUGE) AND PLACED 1'-4" O.C. VERTICALLY, WIDTH AS RECOMMENDED BY MANUFACTURER.
- 5. NO MASONRY CONSTRUCTION TO BE INSTALLED UNDER 36 DEGREES FAHRENHEIT, NO CINDER BLOCK PERMITTED. BLOCK TO BE CLEAN AND PLUMB. THERE SHALL BE NO DIMENSIONAL VARIATION IN EXCESS OF 1/4".
- 6. USE TYPE M CEMENT MORTAR, ALL MEASURED BY VOLUME PER ASTM C270-73.
- 7. ALL NECESSARY WIRING, ANCHORING DEVICES, INSERTS AND ITEMS RELATED TO OTHER TRADES, ATTACHING TO CONCRETE, SHALL BE INSTALLED BY MASON CONTRACTOR.
- 8. MASONRY REINFORCEMENT GALVANIZED TRUSS DESIGN SIMILAR TO DUR-O-WALL OR EQUAL, TO HAVE NO.9 SIDE BAR X NO.9 CROSS BARS. REINFORCEMENT SHALL BE OF WIDTHS RECOMMENDED BY MANUFACTURER FOR VARIOUS WALL THICKNESS' REQUIRED, NO LESS THAN 5/8" MORTAR COVER OVER THE SIDE RODS, HEAVIER GAUGE REINFORCEMENT SHALL BE USED FOR FOUNDATIONS AS NOTED.

METALS DIVISION 5

- 1. STRUCTURAL STEEL TO BE DESIGNED BY DISC SPECIFICATION FOR DESIGN, FABRICATION, AND ERECTION. USE 70# PER
- SQUARE FOOT DEAD & LIVE LOADS. 2. ROLLED SHAPES AND PALTED SHALL CONFORM TO ASTM 572 GRADE 50 UNLESS OTHERWISE NOTED.
- 3. SHOP CONNECTIONS TO BE WELDED FIELD CONNECTION TO BE 3/4" DIAMETER ASTM A-325 TYPE N CONNECTION, U.O.N., EXCEPT WHERE FIELD WELDED IS NOTED.
- 4. WELDING TO COMPLY WITH AWS SPECIFICATIONS. USE E70XX ELECTRODE.
- 5. ALL STEEL TO RECEIVE ONE COAT OF RUST INHIBITIVE PAINT (MINIMUM) APPLIED AT FACTORY.
- 6. PROVIDE 1/4" ANGLE ANCHOR WITH STUD; FIELD WELD TO ALL BEAMS RESTING ON MASONRY AND CONCRETE. UNLESS OTHERWISE NOTED ON DRAWINGS
- 7. PROVIDE 1/2" BEARING PLATE AT ENDS OF ALL JOIST AND BEAM RESTING ON MASONRY OR CONCRETE. PROVIDE CROSS BRIDGE PER MANUFACTURERS RECOMMENDATION.
- 8. CONNECTION TO BE ANGLE CONNECTIONS UNLESS NOTED.
- 9. BASE PLATES TO BE ANCHORED WITH (4) 3/4" DIAMETER X 6" LONG ANCHOR BOLT UNLESS OTHERWISE NOTED ON
- DRAWINGS 10. FABRICATOR SHALL SUPPLY SHOP DRAWINGS WITH N.Y.S. LICENSED ENGINEERS SEAL INDICATING ALL DESIGN LOADS, CONNECTIONS ERECTION DETAILS. CONTRACTOR SHALL BE RESPONSIBLE TO CHECK CORRECTNESS OF SHOP
- DRAWINGS PRIOR TO ACCEPTANCE AND SUBMISSION TO BUILDING DEPARTMENT. 11. ALL BRIDGING TO BE INSTALLED BEFORE CONSTRUCTION LOADS ARE PLACED ON JOISTS AND BOLTED TO END BEAMS
- OR WALL AT TOP AND BOTTOM CHORDS. 12. ALL LOOSE LINTELS TO HAVE MINIMUM OF 8" BEARING AT EACH END OF M.O. PROVIDE FLASHING AT EXTERIOR OF ALL OPENINGS. ALL WIDE FLANGE LINTELS TO HAVE 10" MINIMUM BEARING ON EACH END OVER 16" MASONRY.
- 13. FASTENERS, HANGERS, AND TIE-DOWN CONNECTORS THAT COME IN CONTACT WITH A.C.Q. TREATED LUMBER MUST BE DESIGNED FOR SUCH USE. (CHECK MANUFACTURER'S SPECIFICATIONS.)

WOOD & PLASTICS DIVISION 6

- TO BE WESTERN CEDAR (Fb =725PSI)
- 2. SHEATHING SHALL BE AS SHOWN ON DRAWINGS, AND WILL COMPLY WITH APPLICABLE RESIDENTIAL STANDARDS:

ROOF SHEATHING - 1/2" CDX, MAXIMUM SPAN 16" O.C. USE SOLID SHEATHING AT ALL EAVES AND VALLEYS. SUB FLOOR TO BE 3/4" THICK T&G C-D INT-APA WITH EXTERIOR GLUE. MAXIMUM SPAN

24" O.C. FASTEN WITH CONSTRUCTION ADHESIVE AND WOOD SCREWS. WALL SHEATHING TO BE 1/2" THICK CDX INT-APA WITH MAX. SPAN 24" O.C. UNLESS

- OTHERWISE NOTED ON DRAWINGS
- 3. CONTRACTOR TO VERIFY THAT BEAMS, JOISTS AND HEADERS, ARE APPLIED "CROWN UP". 4. PROVIDE CROSS BRIDGING AT MAXIMUM 8'-0" O.C. FOR ALL WOOD JOIST. NO JOIST SHALL BE CUT OR NOTCHED
- WITH OUT PRIOR APPROVAL 5. FIRESTOP ALL CONCEALED SPACES TO CODE

THERMAL & MOISTURE PROTECTION

DIVISION 7

- 1 ROOFER TO GUARANTEE MATERIAL AND INSTALLATION OF ALL ROOFING AS MANUFACTURER SUGGESTS & FOR 15YEARS MINIMUM, METAL FLASHING FOR 5 YEARS. A WRITTEN GUARANTEE TO BE SUBMITTED TO OWNER PRIOR TO FINAL ACCEPTANCE AND PAYMENT 2. FLASHING TO BE ALUMINUM, COPPER OR, LEAD COATED COPPER, 16 GAUGE TO BE LAPPED AND SOLDERED
- ACCORDING TO BEST PRACTICES.
- 3. GUTTERS AND LEADERS TO BE SEAMLESS ALUMINUM, COLOR PER SPECIFICATIONS. PITCH TO LEADERS. CONNECT TO SITE DRAINAGE AS DETAILED.
- 4. COLOR SAMPLES OF SIDING AND TRIM SHALL BE SUBMITTED TO ARCHITECT FOR APPROVAL.
- 5. INSULATION TO BE KRAFT, OR FOIL FACED FIBERGLASS BLANKETS OR AS INDICATED ON DRAWINGS. DOORS & WINDOWS DIVISION 8

- 2. CONTRACTOR TO SUBMIT WRITTEN (1) ONE YEAR WARRANTY TO REPAIR/REPLACE DEFECTIVE MATERIALS OR
- 3. GLASS/GLAZING TO BE CLEANED PRIOR TO FINAL INSPECTION.
- 5. ALL DOORS TO BE HUNG WITHIN 48 HOURS AFTER DELIVERY. DOORS THAT HAVE WARPED PRIOR TO

FINISHES

- **DIVISION 9**
- AREA, AWAY FROM THE ELEMENTS.
- 2. GYPSUM WALL BOARD SHALL BE 1/2" OR AS INDICATED ON DRAWINGS.
- WITH MANUFACTURERS SPECIFICATIONS. PROVIDE CONTINUOUS 6 MIL VAPOR BARRIER AROUND SHOWER
- ENCLOSURE 5. METAL TRIM, ACCESSORIES, INCLUDING CORNER BEADS, CASING BEADS, AND EDGE TRIM, SHALL BE STANDARD TYPE GALVANIZED STEEL AS INDICATED ON DRAWINGS.
- FOR ATTACHMENT TO METAL FURRING CHANNELS. UNLESS OTHERWISE NOTED ON DRAWINGS
- 8. PREPARE ALL INTERIOR SURFACES; CLEAN, CAULK, SANDPAPER, ETC., PRIOR TO PAINTING.
- 9. PROVIDE PROTECTION (DROP CLOTHS, PLASTIC SHEETS) AND CLEAN ALL SPOTS CAUSED BY THE WORK.
- 10. COLOR ARE TO BE APPROVED AND SELECTED BY ARCHITECT & OWNER. CONTRACTOR TO SUPPLY SAMPLES FOR
- APPROVAL 11. ALL MATERIALS TO BE BROUGHT TO JOB IN ORIGINAL PACKAGING AND MIXED ON-SITE.
- 12. BACK PAINT ALL EXTERIOR WOOD TRIM.
- MASKED TO PREVENT DAMAGE FROM PAINTING. MECHANICAL

DIVISION 15 PLUMBING

ELECTRICAL

DIVISION 16

PROPERLY GROUNDED.

- FAUCET LOCATIONS AS PER PLANS AND CODES.
- 2. PROVIDE PROPER VENTING, TO CODE.
- 4. RELOCATE GAS, WATER, SEPTIC SUPPLY, & WASTE LINES AS REQ'D BY CODE.
- MECHANICAL AND LABOR, AND FOR FIVE YEAR ON COMPRESSOR.
- 2.. SEPARATE AND COMPLETE HVAC SHOP DRAWINGS, MANUFACTURERS PRINTED LITERATURE, CUTS, BROCHURES, CATALOGUES AND PERFORMANCE TABLES TO BE SUPPLIED FOR

. ALL FRAMING LUMBER AND DETAILS OF WOOD CONSTRUCTION SHALL CONFORM TO THE NATIONAL DESIGN SPECIFICATIONS FOR STRESS-GRADE LUMBER AND STEEL FASTENINGS (INCLUDING) SUPPLEMENT NO.1). ALL NEW FRAMING LUMBER FOR JOISTS AND LOAD BEARING STUD WALLS AND WOOD COLUMNS SHALL BE DOUG FIR (NORTH) FB=1000 PSI. ALL LUMBER SHALL BE GRADE MARKED AT MILL AND SHALL BE SURFACE DRY. ALL EXTERIOR LUMBER

MATERIAL HANDLING & STORAGE

RESPONSIBILITY & COST

- 1. ALL MATERIALS SHALL BE PROTECTED FROM WEATHER WITH WATER-RESISTANT TARPS.
- 2. ALL TARPS SHALL BE SECURED TO GROUND OR STRUCTURE TO PREVENT WIND UPLIFT. 3. ALL MATERIALS SHALL BE STOCK-PILED NEATLY & IN AN ORGANIZED MANNER. LOSS OF MATERIALS DUE TO LACK OF ORGANIZATION WILL BE THE CONTRACTORS SOLE
- 4. SUBMIT LAYOUT DRAWINGS, MANUFACTURERS LITERATURE, CUTS AND SPECS, FOR ACCEPTANCE AND APPROVALS BEFORE START OF WORK.

SECTION R904 - MATERIALS ALL RESIDENTIAL CONSTRUCTION SHALL COMPLY WITH SECTION OF THE CODE WHERE REFERENCING ROOF MATERIALS, COMPATIBILITY OF MATERIALS, MATERIAL SPECIFICATIONS AND PHYSICAL

CHARACTERISTICS AND PRODUCT IDENTIFICATION. INSTALL A MIN. OF ONE CARBON MONOXIDE DETECTOR IN THE VICINITY OF SLEEPING AREAS. SINGLE AND MULTIPLE STATION ALARMS AS PER STATE CODE. R904.4 PRODUCT IDENTIFICATION- ROOF COVERING MATERIALS SHALL BE DELIVERED IN PACKAGES

BEARING THE MANUFACTURER'S IDENTIFYING MARKS AND APPROVED TESTING AGENCY LABELS WHEN REQUIRED. R905.2.6 ATTACHMENT- ASPHALT SHINGLES SHALL HAVE THE MINIMUM NUMBER OF FASTENERS REQUIRED BY THE MANUFACTURER. FOR NORMAL APPLICATIONS, ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO

FASTENERS PER INDIVIDUAL SHINGLE. WHERE THE ROOF SLOPE EXCEED 20 UNITS VERTICAL IN 12 UNITS HORIZONTAL SPECIAL METHODS OF FASTENING ARE REQUIRED.

EXCEPTIONS: ASPHALT STRIP SHINGLES SHALL HAVE A MINIMUM OF SIX FASTENERS PER SHINGLE WHERE THE ROOF IS IN ONE OF THE FOLLOWING CATEGORIES: 1. THE BASIC WIND SPEED PER FIGURE R301.2(4) IS 110 MILES PER HOUR OR GREATER AND THE EAVE IS 20

FEET OR HIGHER ABOVE GRADE. 2. THE BASIC WIND SPEED PER FIGURE R301.2(4) IS 120 MILES PER HOUR OR GREATER. 3. SPECIAL WIND ZONES PER FIGURE R301.2(4).

R905.2.7.1 ICE PROTECTION - IN ALL OF NASSAU AND SUFFOLK COUNTY AN ICE BARRIER THAT CONSISTS OF AT LEAST TWO LAYERS OF UNDERLAYMENT CEMENTED TOGETHER OR OF A SELE-ADHERING POLYMER MODIFIED BITUMEN TOGETHER OR OF A SELE-ADHERING POLYMER MODIFIED BITUMEN SHEET, SHALL BE USED IN LIEU OF NORMAL UNDERLAYMENT AND EXTEND FROM THE EAVE'S EDGE TO A POINT 24 INCHES INSIDE THE EXTERIOR WALL LINE OF THE BUILDING.

DOUBLE ROOF UNDERLAYMENT (FELT) FOR ROOFS >=2:12 AND <=4:12

1. FIXED UNITS TO BE 1" INSULATED GLAZED UNITS WITH PROFILES TO MATCH ADJACENT UNITS.

WORKMANSHIP. WARRANTY PERIOD TO BEGIN AFTER DATE OF FINAL ACCEPTANCE OF ALL WORK.

4. WOOD DOORS WILL BE FULLY WEATHER STRIPPED SIZES AS INDICATED ON THE DRAWINGS. DOORS TO HAVE U FACTOR OF .40 OR LESS, WITH 1" DOUBLE INSULATED GLAZING AS INDICATED.

INSTALLATION ARE TO BE REPLACED AT NO COST TO OWNER. SEE DOOR SCHEDULE. 6. HURRICANE GLASS NOT REQUIRED AS BUILDING IS GREATER THEN 1 MILE FROM COAST LINE.

MATERIAL TO BE DELIVERED TO JOB IN ORIGINAL CARTONS OR BUNDLES, AND STORED IN DRY AND PROTECTED

3. WATER RESISTANT WALL BOARD SHALL BE SHEETROCK M/R OR EQUAL. 4. CONCRETE GLASS FIBER REINFORCED BOARD SHALL BE WONDERBOARD WALL SYSTEM 36"X48"X7/16" AS MANUFACTURED BY MODULARS INC., OR EQUAL. INSTALL AS INDICATED ON DRAWINGS AND IN ACCORDANCE

6. FASTENERS FOR ATTACHMENT OF GYPSUM BOARD TO WOOD STUDS AND FURRING, SHALL BE CADIUM PLATED OR EQUAL RUST PROOF TREATED. TYPICAL USG BRAND DRYWALL NAIL OR EQUAL USING SELF TAPPING SCREWS

7. CONTRACTOR TO SUPPLY ALL LABOR AND MATERIALS FOR A COMPLETE MUD INSTALLATION ON ALL TILE FLOORS.

13. EXTERIOR WOODWORK TO BE PRIMED COMPLETELY, PRIOR TO INSTALLATION,. NO EXTERIOR STAINING TO BE DONE WHEN THE TEMPERATURE IS BELOW 50 DEGREES FAHRENHEIT, UNLESS PRIOR APPROVAL IS GRANTED. ALL SURFACES ARE TO BE DRY AND OUT OF DIRECT SUNLIGHT WHEN PAINTED. HARDWARE AND FINISHES TO BE

1. FURNISH AND INSTALL NECESSARY WASTE AND WATER TO ACCOMMODATE FIXTURE AND

3. PRESSURE/WET TEST ALL PIPING PRIOR TO INSTALLING AND INTERIOR WALL FINISH.

1. ALL HVAC EQUIPMENT AND SYSTEMS TO BE GUARANTEED FOR TWO YEARS ON ALL PARTS

APPROVAL AND ACCEPTANCES BY OWNER PRIOR TO JOB START. U.O.N. 3. FILE ALL PERMITS & PAY ALL FEES AS REQUIRED.

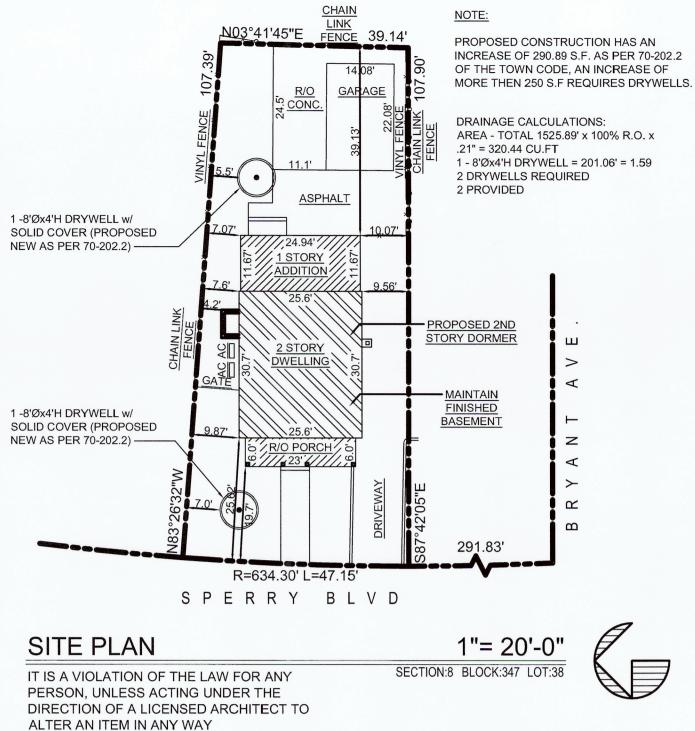
4. PROVIDE ALL CUTTING AND PATCHING AS REQUIRED. ALL INSTALLATIONS SHALL BE WEATHERTIGHT. 5. PROVIDE ALL ROOF AND WALL FLASHING, CAULKING AND SEALANT.

1. FILE ALL PERMITS AND PAY ALL FEES AS REQUIRED. 2. INSTALL AND MAINTAIN TEMPORARY LIGHT AND POWER FOR TRADES. 3. ALL ELECTRICAL WIRING, FIXTURES, OUTLETS, SWITCHES, AND EQUIPMENT TO BE

4. SUBMIT LAYOUT DRAWINGS, MANUFACTURERS LITERATURE, CUTS AND SPECS. FOR ACCEPTANCE AND APPROVALS BEFORE START OF WORK. 5. COORDINATE LAYOUT DRAWINGS WITH HVAC, PLUMBING, ETC. AND PROVIDE PROPER WIRING

AND ELECTRICAL OPERATIONS FOR ALL EQUIPMENT. 6. ALL FLUORESCENT FIXTURES SHALL BE PROVIDED WITH WATT SAVER BALLAST AND T-8 LAMPS.

			FILE LOCATION:
WALL TYPE DE	SCRIP	TIONS	
		SYMBOL KEY	REVISIONS:
INTERIOR PARTITIONS DOUG-FIR #2 WOOD STUDS (VERIFY EXIST. STUD SIZ W/ 1/2" GYPSUM BOARD ON BOTH SIDES*	E) @16"OC	2X4 STUDS @ 16" O.C.	# DATE DESCRIPTION
EXTERIOR WALLS DOUG-FIR #2 WOOD STUDS (VERIFY EXIST. STUD SIZE GYPSUM BOARD ON INT. SIDE & 1/2" CDX PLY SHEATE *UNLESS OTHERWISE NOTED ON DRAWINGS		2X6 STUDS @ 16" O.C.	
EXISTING WALLS EXISTING TO REMAIN. MODIFY EXISTING FINISHES WI ADJACENT TO NEW CONSTRUCTION FOR A CONSIST APPEARANCE			
DEMOLITION ALL ITEMS & SYSTEMS BEING REMOVED SHALL BE CO MANNER WHICH COORDINATES WITH THE INTENT OF			ISSUED TO:
CONSTRUCTION	ARRDE	VIATIONS	
	A.F.F. = ABOVE	FINISHED FLOOR	
ELEVATION MARKER SD SMOKE DETECTOR	BD = BOARD BTW = BETWEEI		
	CANT = CANTIL CJ = CEILING J ELEV = ELEVA	IOIST	
DETECTOR	ELEV = ELEVA EXT. = EXTERIO F.F. = FINISHED	R	DISCLAIMER:
DIRECTION OF JOIST'S SPAN	FJ = FLOOR JO FL. = FLOOR	DIST	DRAWINGS ARE THE PROPERTY OF FRANK FALINO, ARCHITECT, PLLC. AND SHALL NOT BE
WOOD POST	FND= FOUNDAT FTG = FOOTING	2	REPRODUCED WITHOUT THE PERMISSION OF FRANK FALINO, ARCHITECT, PLLC "WARNING: IT IS A VIOLATION OF THE NEW YORK EDUCATION
• 3-½" STL. LALLY COL.	HDR = HEADER HORIZ. = HORIZ INT. = INTERIOR	ONTAL	LAW SECTION 7209.2 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION
FIBERGLASS INSULATION	R.R. = ROOF R. STL. = STEEL		OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT OR LAND SURVEYOR, TO ALTER
ME MECHANICAL EXHAUST FAN	W/ = WITH V.I.F. = VERIFIY TYP = TYPICAL		THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATION LAW 7209.2".
SUPPLEMENTAL CODE AND ALL REL			ARCHITECT'S SEAL:
			SHEET NO: GN-3





NOTES:

- ALL FASTENERS FOR PRESSURE TREATED WOOD ARE TO BE HOT DIPPED GALVANIZED OR STAINLESS STEEL AS PER CODE
- ALL LUMBER THAT COMES IN CONTACT w/ CONCRETE/ MASONRY TO BE PRESSURE TREATED PROTECT MICROLAM ENDS IN FOUNDATION POCKETS.
- BOILER INSTALLATION MANUAL TO BE ON SITE FOR BUILDING INSPECTOR.
- DOUBLE UP ALL FRAMING UNDER PARALLEL PARTITIONS
- DESIGN SHALL BE IN COMPLIANCE W/ RESIDENTIAL CODE OF N.Y.S. 2020 & 2018 W.F.C.M.
- CONC. STRENGTH AS PER THE NYS. RES. CODE ALL PLUMBING SYSTEMS, MATERIALS, AND ACCESSORIES MUST
- COMPLY w/ CURRENT N.Y.S. & LOCAL PLUMBING CODES • PLANS ARE IN COMPLIANCE w/ APPENDIX J: RECONSTRUCTION OF THE RESIDENTIAL CODE OF N.Y.S. 2020
- STAIRS LANDING RAILS & GUARDS AS PER SECTION R312
- OUTSIDE LIGHTING AS PER CODE
- STAIRWAY ILLUMINATION AS PER CODE
- FIRE BLOCK AS PER CODE
- DRAFT STOPPING AS PER CODE
- FLOOR DIAPHRAGM BRACING W.F.C.M. 3.3.5
- ENTIRE WALL IS SHEAR WALL
- SUBFLOOR TO BE GLUED & SCREWED
- ALL WINDOWS ARE ANDERSON STOCK MODEL. SEE LAYOUT FOR STOCK NUMBERS

NOTE:

SMOKE DETECTOR/ALARM

- EACH SLEEPING ROOM OUTSIDE EACH SLEEPING AREA IN IMMEDIATE VICINITY
- ON EACH ADDITIONAL STORY INCLUDING **BASEMENTS/ CELLARS**
- HEAT DETECTOR REQUIRED IN ALL NEW

ATTACHED GARAGES. (R314.2.1)

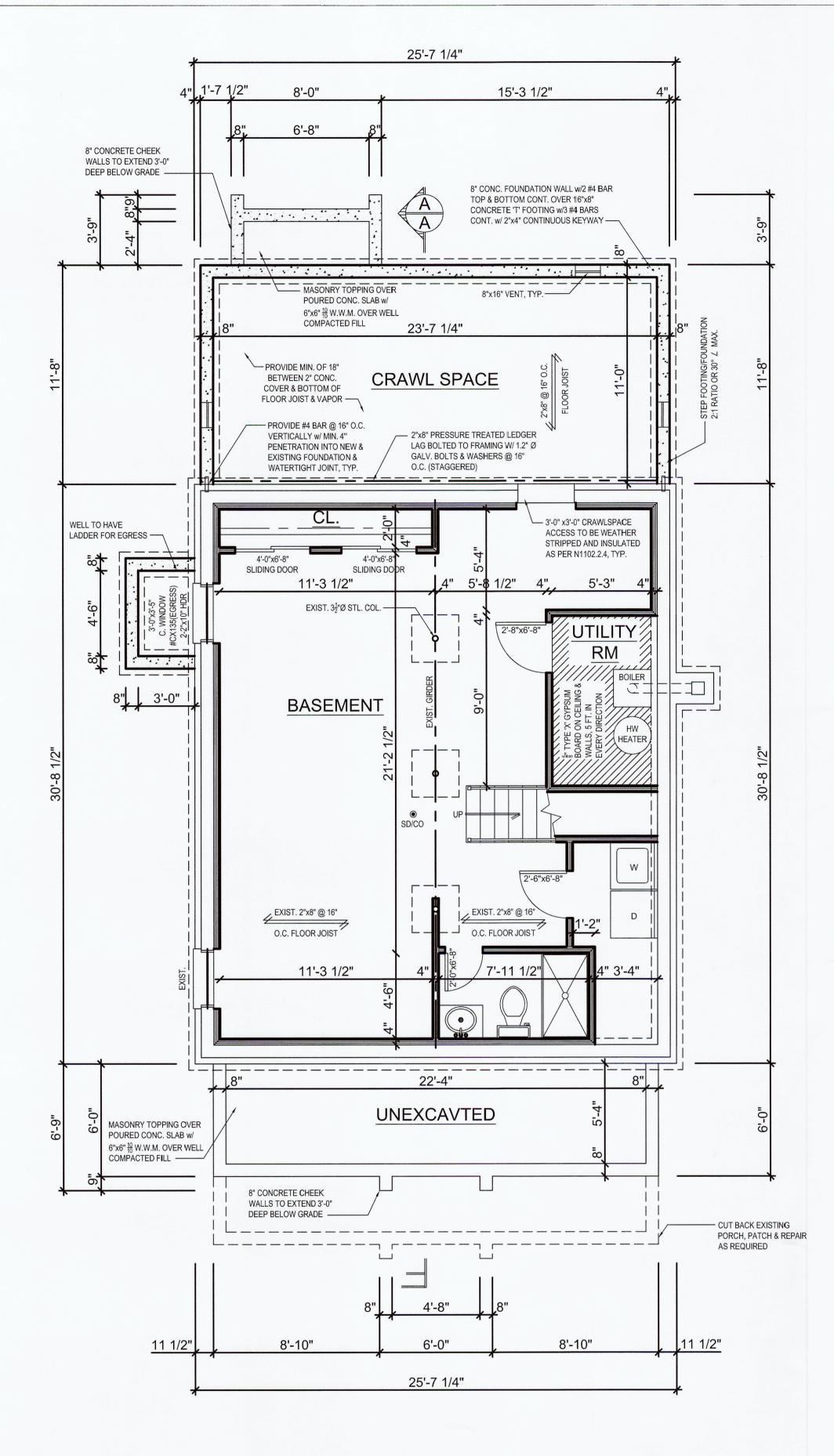
SEE SECTION R314 CM ALARMS AS PER R315 OF THE 2020 RESIDENTIAL CODE OF NYS & SECTION 915 OF THE 2020 FIRE CODE OF NYS

NOTE:

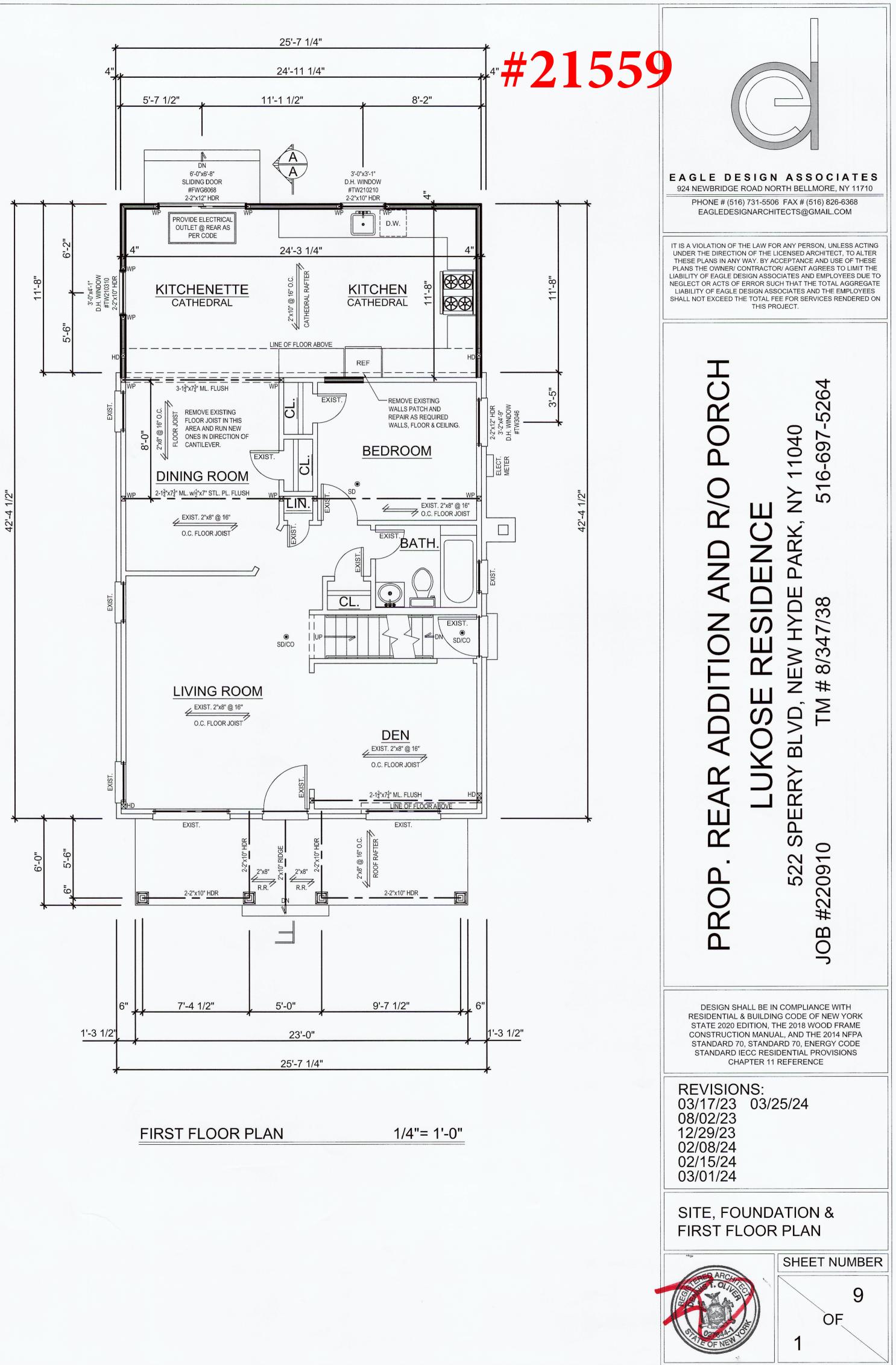
EGRESS WINDOW OPENINGS 5.7 SQ.FT. MIN. 5 SQ. FT. @ GRADE FLOOR MIN. CLEAR HT. 24" MIN. CLEAR W. 20" NOT MORE THAN 44" A.F.F. SEE SECTION R310

CARBON MONOXIDE DETECTOR AS PER THE 2020 RESIDENTIAL CODE OF NEW YORK STATE & ARE WITHIN 10 FEET OF ALL SLEEPING UNITS WHICH **CONTAIN NO FUEL SOURCE**

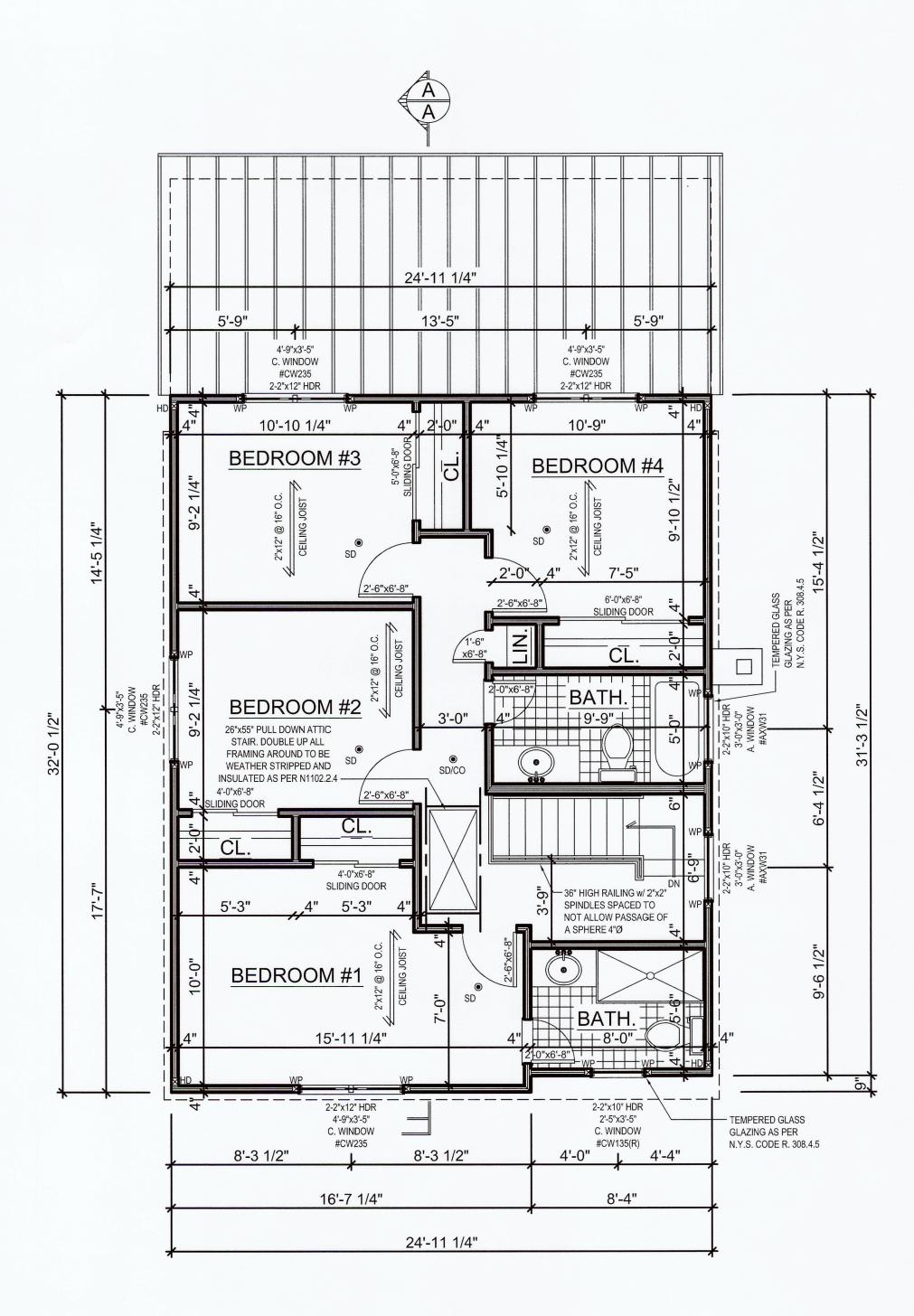
ZONING ANALYSIS:	ZONING ANALYSIS: RESIDENCE C DISTRICT									
	PERMITTED	EXISTING	PROPOSED							
LOT SIZE:	5000 S.F. MIN.	4654.03	4654.03							
USE:	RESIDENCE	RESIDENCE	RESIDENCE							
HEIGHT:	30' MAX.	24.5'	24.6'							
BLDG. COVERAGE:	35.0%	16.89%	32.78%							
FRONT YARD:	25'	25.9'	19.7'							
FRONT YARD: CORNER	25'	N/A	N/A							
SIDE YARD:	5' MIN	9.5'	7.07'							
	25% OF LOT	19.6' TOTAL	16.63' TOTAL							
REAR YARD:	15'	50.4'	39.13'							



FOUNDATION PLAN



1/4"= 1'-0"



SECOND FLOOR PLAN

NOTES

- DOUBLE UP ALL FRAMING UNDER PARALLEL PARTITIONS DESIGN SHALL BE IN COMPLIANCE W/ RESIDENTIAL CODE OF N.Y.S. 2020 & 2018 W.F.C.M.
- STAIRS LANDING RAILS & GUARDS AS PER SECTION R312 OUTSIDE LIGHTING AS PER CODE
- STAIRWAY ILLUMINATION AS PER CODE
- FIRE BLOCK AS PER CODE
- DRAFT STOPPING AS PER CODE
- FLOOR DIAPHRAGM BRACING W.F.C.M. 3.3.5
- ENTIRE WALL IS SHEAR WALL
- SUBFLOOR TO BE GLUED & SCREWED
- ALL WINDOWS ARE ANDERSON STOCK MODEL. SEE LAYOUT FOR STOCK NUMBERS. 400 SERIES

NOTE:

SMOKE DETECTOR/ALARM

- EACH SLEEPING ROOM OUTSIDE EACH SLEEPING AREA IN IMMEDIATE VICINITY
- ON EACH ADDITIONAL STORY INCLUDING
- BASEMENTS/ CELLARS
- HEAT DETECTOR REQUIRED IN ALL NEW ATTACHED GARAGES. (R314.2.1)

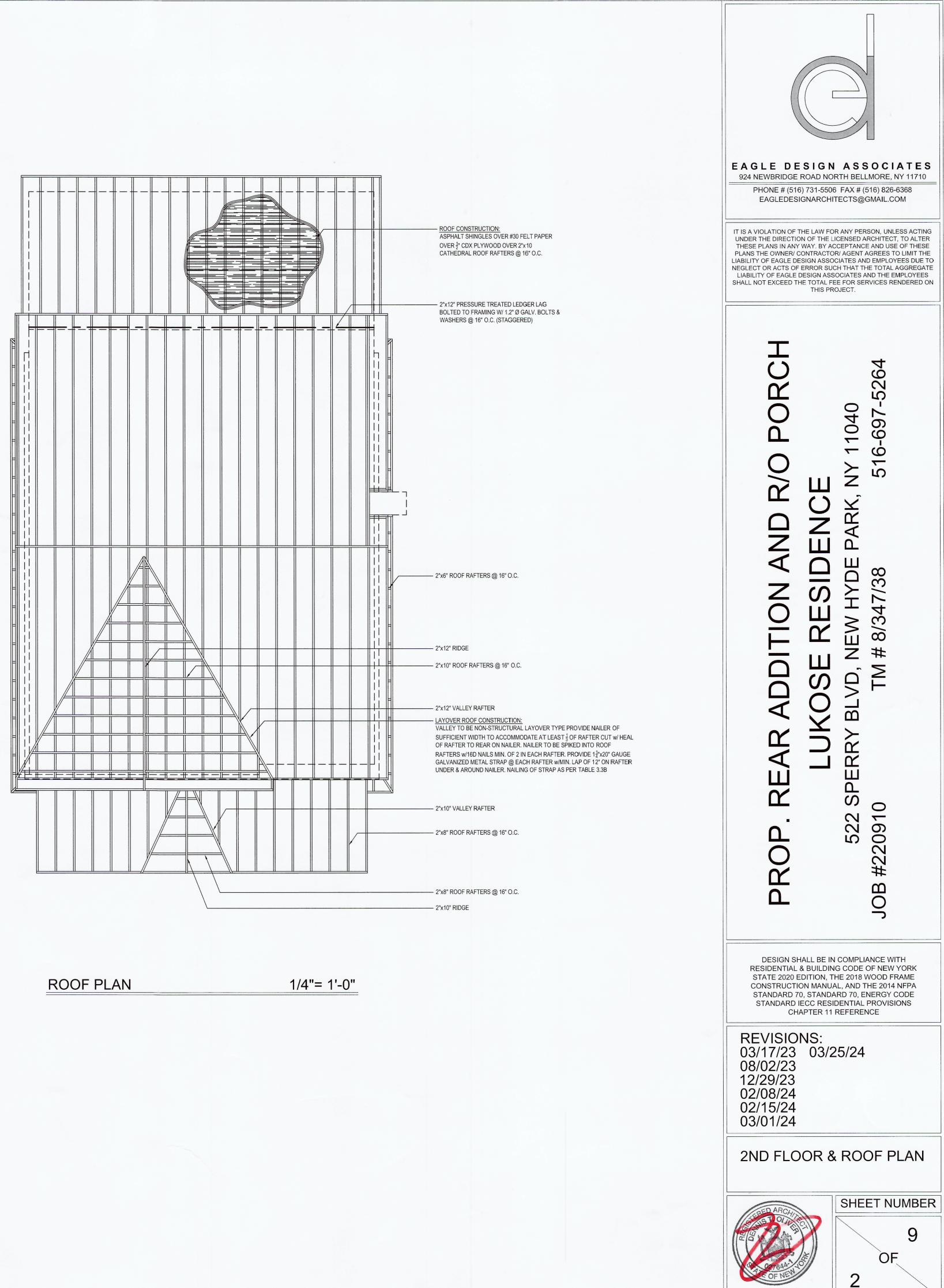
SEE SECTION R314 CM ALARMS AS PER R315 OF THE 2020 RESIDENTIAL CODE OF NYS & SECTION 915 OF THE 2020 FIRE CODE OF NYS

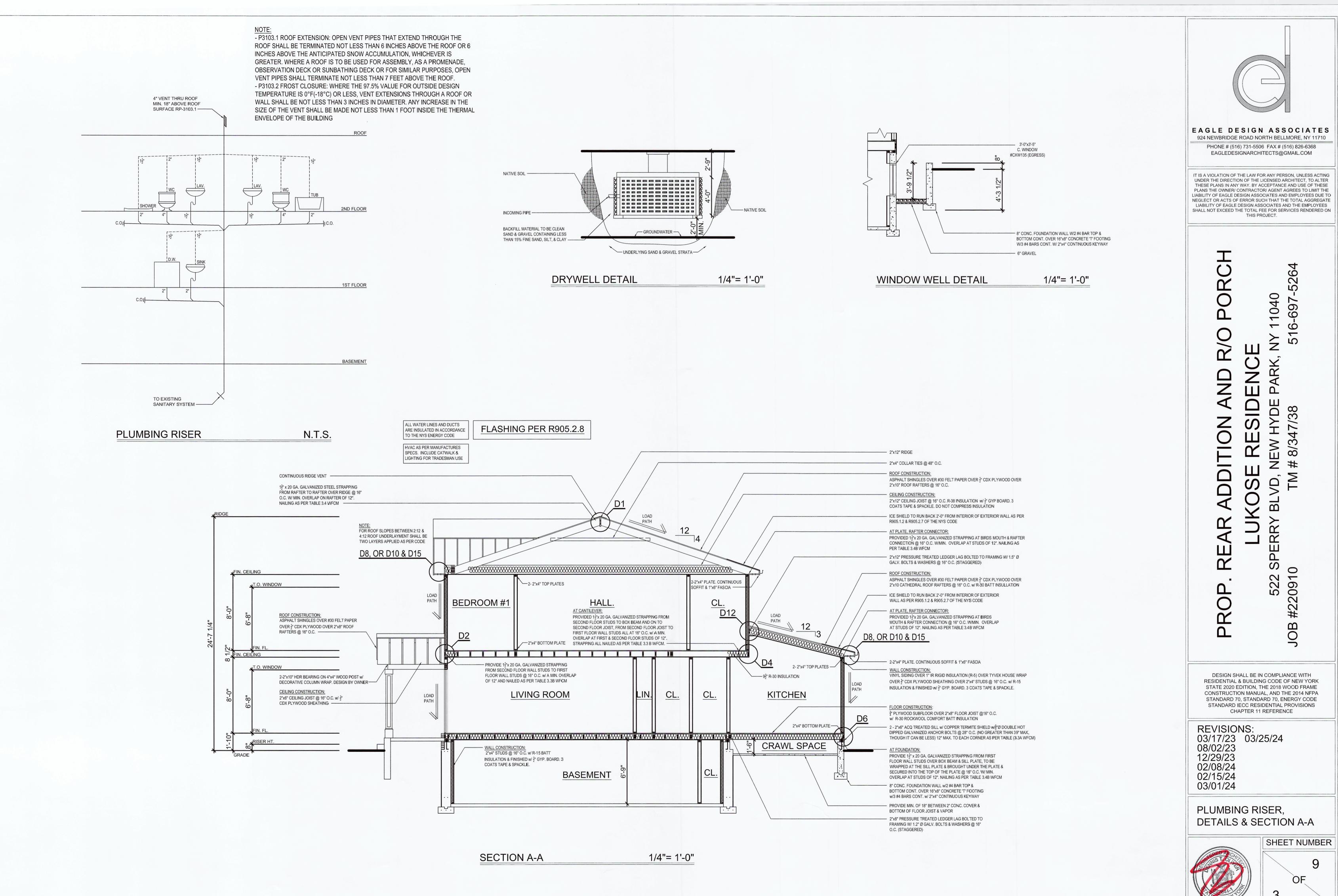
NOTE 5.7 SQ.FT. MIN.

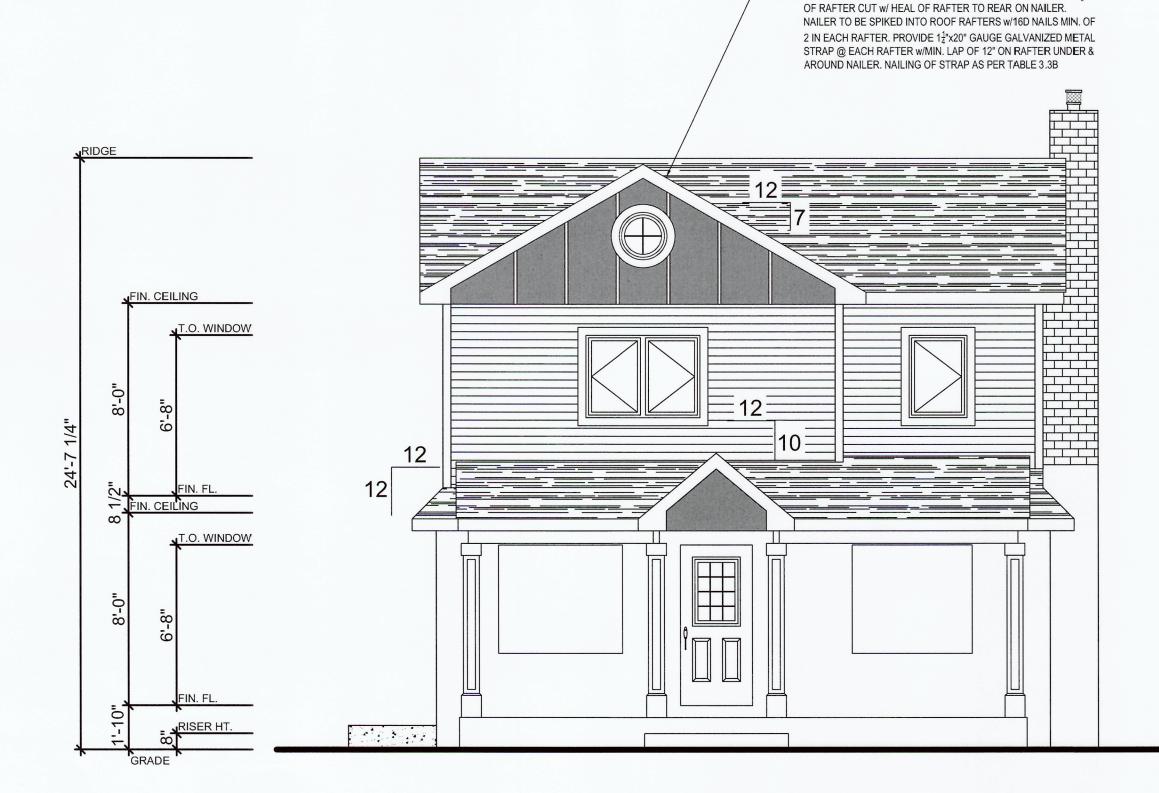
1/4"= 1'-0"

EGRESS WINDOW OPENINGS 5 SQ. FT. @ GRADE FLOOR MIN. CLEAR HT. 24" MIN. CLEAR W. 20" NOT MORE THAN 44" A.F.F. SEE SECTION R310

CARBON MONOXIDE DETECTOR AS PER THE 2020 **RESIDENTIAL CODE OF NEW YORK STATE & ARE** WITHIN 10 FEET OF ALL SLEEPING UNITS WHICH **CONTAIN NO FUEL SOURCE**







FRONT ELEVATION

1/4"= 1'-0"

LAYOVER ROOF CONSTRUCTION: VALLEY TO BE NON-STRUCTURAL LAYOVER TYPE PROVIDE NAILER OF SUFFICIENT WIDTH TO ACCOMMODATE AT LEAST $\frac{1}{3}$



REAR ELEVATION

1/4"= 1'-0"



				1	
TOWN		1. 6	TION NOTES: EXCAVATION CONTRACTOR TO EXCAVATE TRUE TO LINES AND GRADES DOWN TO	1.	LATION NOTES: INSULATION IN EXTERIOR WALL
SUBM	OSED DOCUMENT FOR MINIMUM ACCEPTABLE PLANS		SPECIFIED LEVELS. ALL TOP SOIL TO BE STOCK PILED FOR FUTURE USE. ALL GOOD MATERIAL NEEDED		FIBERGLASS BATS WITH A CONT PACK ALL SPACES AROUND THE
COMF	YORK. THIS REVIEW DOES NOT GUARANTEE		FOR BACK FILL TO BE STOCK PILED SEPARATELY. EXCESS AND UNACCEPTABLE MATERIAL TO BE LEGALLY REMOVED FROM THE SITE.	2.	INSULATION IN VAULTED CEILIN PASSAGE OF AIR BETWEEN THE FACE OF THE ROOF SHEATHING
	ITESTATION THAT, TO THE BEST OF THE LICENSEE'S F AND INFORMATION, THE WORK IN THE DOCUMENT SF AND INFORMATION, THE WORK IN THE DOCUMENT SGROUP FAULT CIRCUIT INTERRUPT RECEIPTACLE S-WAY SWITCH (ROCKER ON/OFF)	F	ALL BACK FILL TO BE PLACED IN 12" LIFTS AND COMPACTED LAYER BY LAYER TO 95 PERCENT PROCTER DENSITY AT OPTIMUM MOISTURE CONTENT AS DETERMINED BY ASTM D 1557.	3.	ACOUSTICIAL INSULATION TO B ALL BATHROOMS, BEDROOMS A
• A	ACCURATE, CONFORMS WITH GOVERNING CODES APPLICABLE AT		BACKFILL AS PER CODE R404.1.7	4.	PROVIDE PERIMETER INSULATIO
۲ C •	THE TIME OF SUBMISSION, LINE OF FLOOR CONFORMS WITH REASONABLE STANDARDS OF SUBMOKE/CARBON	ROUGH	CARPENTRY NOTES:	5.	ALL FLASHING AS PER R703.4 AM
C	PRACTICE AND WITH VIEW TO THE SAFEGUARDING DF LIFE, HEALTH AND PUBLIC WELFARE, S THE RESPONSIBILITY OF THE LICENSEE.		ALL LUMBER SHALL BE DOUGLAS FIR #1 OR BETTER, WITH AN EXTREME FIBER STRESS (Fb) OF 850 PSI MINIMUM.	6. 7.	ALL ROOF ASSEMBLIES TO COM ROOFING NAILS AS PER R905.2.
0515			ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED UNLESS OTHERWISE NOTED. (R317)	8.	FASTENERS PER SHINGLE
<u>GENE</u> 1.	IT IS THE INTENTION OF THESE DOCUMENTS TO PROVIDE FOR THE CONSTRUCTION	E	THE ENTIRE WORK SHALL BE ACCURATELY FRAMED PLUMB, LEVEL AND TRUE BRACED AND ANCHORED TOGETHER TO FORM A RIGID STRUCTURE; TO ENSURE	9.	MOISTURE VAPOR RETARDERS OF INSULATION IN ALL WALLS, F
	OF A RESIDENCE OR RESIDENTIAL ADDITION INCLUDING EVERY ITEM REQUIRED TO COMPLETE THE WORK. ALL DISCREPANCIES TO BE REPORTED TO THE ARCHITECT.		EVEN SETTLEMENT AND SHRINKAGE THROUGHOUT. ANCHOR BOLTS TO BE $\frac{5}{8}$ "Ø x12" LONG WITH 3" HOOK AND 3"x3" WASHER SPACE 39"	10.	SECTION R702.7.
2.	ALL CONSTRUCTION SHALL COMPLY WITH THE LATEST RULES AND REGULATIONS OF THE NEW YORK STATE BUILDING CODE AND ALL OTHER AGENCIES HAVING JURISDICTION OVER THE WORK. IT SHALL NOT BE CONSTRUED TO MEAN THAT ANY MORE STRINGENT REQUIREMENTS AS SET FORTH BY THESE DOCUMENTS MAY BE MODIFIED.	-	D.C. MAXIMUM FOR 6'-0" END ZONES, AND 45" OC FOR INTERIOR ZONES. PROVIDE TWO BOLTS AT EACH CORNER SPACED 1'-0" APART WITHIN 6" & 12" OF CORNER & PLATE ENDS WITH MINIMUM OF 7" EMBEDMENT IN POURED CONCRETE & 15" IN MASONRY BLOCK, FILL TOP TWO COURSES SOLID IN ACCORDANCE WITH WOOD FRAME CONSTRUCTION MANUAL 3.2.1.7 TABLE 3.2, 3.2A, 3.2B, 3.3, & 3.3A		FLAME SPREAD INDEX NOT TO E EXCEED 450. TESTING METHOD EXPOSED INSULATION ON ATTIC FLUX OF .12 WATTS PER CENTIN PER ASTM E970 STANDARD. EXT
3.	ALL MATERIALS AND CONSTRUCTION SHALL BE NEW IN STRICT COMPLIANCE WITH THE LATEST STANDARDS OF THE VARIOUS TRADE ORGANIZATIONS (ACI, AISC,		ALL NAILS, BOLTS. JOIST HANGERS AND FRAMING CONNECTORS TO BE HOT DIPPED GALVANIZED. ALL FLUSH CONNECTIONS TO BE SIMPSON STRONG TIE.		R703.9.
4.	ETC). ALL MATERIALS TO BE INSTALLED AS PER MANUFACTURERS SPECIFICATIONS.		ALL JOISTS, HEADERS, BEAMS AND RAFTERS TO HAVE 2" MINIMUM BEARING AT EACH END.	1.	<u>ABING NOTES:</u> ALL PIPING, JOINTS, SUPPORTS
5.	ALL WORK SHALL BE COORDINATED WITH ALL TRADES TO AVOID CONFLICTS.	7. 1	FLOOR JOISTS SHALL BE BRIDGED AT 8" O.C.	2.	REQUIREMENTS. ALL PLUMBING FIXTURES TO BE
6.	ALL CONTRACTORS TO MAINTAIN WORKMAN'S COMPENSATION AND DISABILITY INSURANCE IN AMOUNTS REQUIRED BY LAW.		ALL STRUCTURAL LUMBER SHALL BE KEPT 2" CLEAR OF CHIMNEYS AND FIRE BOXES. HEADERS, TRIMMERS AND JOISTS UNDER PARTITIONS TO BE DOUBLED. BLOCK	3.	PROVIDE SHUT OFF VALVES ON
7.	ALL CONTRACTORS SHALL BE HELD TO HAVE VISITED THE JOB SITE TO BECOME FAMILIAR WITH THE DIFFICULTIES OF A PROJECT.		BETWEEN JOISTS UNDER PARTITIONS. STUD WALLS TO BE BLOCKED SOLID AT MIDPOINT.	4. 5.	INSULATE ALL SUPPLY LINES. PROVIDE TWO FROST FREE HOS
8.	ALL CONTRACTORS SHALL OBTAIN AND PAY FOR ALL PERMITS, SOIL TEST REPORTS, ETC. REQUIRED TO COMPLETE THE WORK.		PROVIDE HEADERS OVER ALL OPENINGS EQUAL TO FULL WIDTH OF FRAMING. ALL WALL OPENINGS SHALL HAVE DOUBLE STUD JAMS. MINIMUM HEADER SIZE TO BE (2) 2"x6" FOR OPENINGS UP TO 3'-0" WIDE AND/OR (2) 2"x8" FOR OPENINGS UP TO 5'-0"	6.	ALL FIXTURES TO BE KOHLER, A FURNISHED AND INSTALLED BY
9.	ALL CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL CONDITIONS EFFECTING THE WORK, INCLUDING DIMENSIONS TO INSURE PROPER STRENGTH, FIT AND LOCATION OF THE WORK IF A CONDITION EXISTS WHICH DISAGREES WITH		WIDE UNLESS OTHERWISE NOTED.	7.	PLUMBING CONTRACTOR TO SU
	THOSE SHOWN ON THE DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT. SHOULD THE CONTRACTOR FAIL TO FOLLOW THIS PROCEDURE HE SHALL ASSUME ALL RESPONSIBILITY AND LIABILITY ARISING THERE FROM.		ALL TOP PLATES TO BE DOUBLED WITH A 48" MINIMUM LAP SPLICE BUT JOINTS TO	8.	ALL PLUMBING WORK TO CONFO
10.	ALL CONTRACTORS SHALL VERIFY LOCATIONS OF EXISTING UNDERGROUND UTILITIES.		DCCUR OVER A STUD NAIL WITH 16d @ 12" O.C. (WFCM TABLE 3.20)	ELEC	TRICAL NOTES:
11.	CONTRACTORS SHALL PROVIDE ALL NECESSARY SUPPORT, BRACING, SHORING,		PROVIDE $\frac{3}{4}$ " CLEARANCE FROM TOP OF ALL INTERIOR NONBEARING PARTITIONS TO JNDERSIDE OF FRAMING.	1.	ALL ELECTRICAL WORK TO BE II CODE, LOCAL MUNICIPALITIES, I
	ETC. TEMPORARY OR PERMANENT, AS REQUIRED TO SAFELY CONSTRUCT THE PROJECT.		ALL PLYWOOD USED STRUCTURALLY SHALL MEET THE PERFORMANCE STANDARDS FOR TYPES AND SPECIES AS IDENTIFIED BY APPROVAL AGENCIES STAMP.		JURISDICTION. CONTRACTORS
12.	ALL CONTRACTORS SHALL EXERCISE GOOD JUDGMENT TO MINIMIZE DAMAGE TO EXISTING CONDITIONS (INCLUDING LAWNS AND SHRUBS). ALL DAMAGED AREAS TO BE RESTORED TO ORIGINAL CONDITIONS.		ALL SHEATHING SHALL BE $\frac{1}{2}$ " DOUGLAS FIR EXTERIOR GRADE PLYWOOD NAILED AS PER NAILING SCHEDULE PROVIDE TO INTERIOR INTERMEDIATE BLOCKING POINTS. COVER SHEATHING WITH AIR INFILTRATION BARRIER PROPERLY TAPED AND	2.	CONTRACTOR TO VERIFY ADEQ BID ON 200 AMP SERVICE FOR N
13.	THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE OWNER TO DESIGN, PROVIDE AND INSTALL ALL MECHANICAL, ELECTRICAL AND PLUMBING WORK. ALL		SEALED.	3.	ALL WIRING TO BE COLOR CODE
	SITE WORK, ALL MATERIALS AND ALL FINISHES WHICH ARE NOT OTHERWISE INDICATED ON THE DOCUMENT AND/OR REQUIRED BY APPLICABLE CODES OR OWNER REQUIREMENTS.	17.	PROVIDE COLLAR BEAMS AT ROOF RAFTERS AT 48" O.C. STRUCTURAL ENGINEERED LUMBER TO BE AS MANUFACTURED BY TRUSS JOIST	4. 5.	CONVENIENT OUTLETS TO BE 1
14.	ALL WORK SHALL BE FULLY GUARANTEED FOR ONE YEAR AFTER THE INSUANCE DATE OF A CERTIFICATE OF OCCUPANCY.	18. 1	MACMILLAN OR APPROVED EQUAL. PROVIDE FIRE BLOCKING AS PER R602.8 & 502.13 IN ACCORDANCE WITH SECTION	6.	ELECTRICAL CONTRACTOR TO F
15.	OWNER TO SELECT FINISH MATERIALS; KITCHEN AND BATHROOM FIXTURES. TYPE		R302.11 (FIREBLOCKING), DRAFT STOPPING AS PER 502.12 IN ACCORDANCE R302.12 (DRAFTSTOPPING)	7.	ELECTRICAL CONTRACTOR TO (
16.	AND LOCATION OF LIGHTING FIXTURES SWITCHED AND TELEPHONES JACKS. THE OWNER IS RESPONSIBLE OF OBTAINING THE FINAL SURVEY AND ALL COSTS		WINDOW INSTALLATION AS PER R609.5 AND R609.6. ALL WOOD SILLS, BLOCKING, NAILERS, ETCIN CONTACT WITH MASONRY,	8.	ALL OUTLETS, SWITCHED, ETC SERIES SKYLARK DECORA OR A
17.	FOR BUILDING DEPARTMENT REQUIREMENTS. THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR CONSTRUCTION MEANS,		CONCRETE OR SOIL TO BE ACQ (TREATED). ALL SUB-FLOORS TO BE $\frac{3}{4}$ PLYWOOD NAILED WITH 8d MINIMUM AS PER NAILING	9. 10.	PROVIDE 2 EXTERIOR WATER P
	METHODS, TECHNIQUE, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.		SCHEDULE.	10.	PROVIDE SINGLE STATION ALAR WITH SECTION R314 AND AJ102. SLEEPING SPACES ON EACH FL
18.	THE ARCHITECT HAS NOT BEEN RETAINED FOR ANY FIELD SUPERVISION OR INSPECTIONS.		FOR HEADERS OVER 5'-0" LONG USE DOUBLE JACK STUDS. MANUFACTURED BY TJI CORP. OR APPROVED EQUAL.	11.	CARBON MONOXIDE. ALL DETEC
19.	DO NOT SCALE THESE DRAWINGS. UTILIZE DIMENSIONS ONLY. USE FIELD DIMENSIONS IN COORDINATION WITH PLANNED DIMENSIONS.		MATERIAL FOR STRUCTURAL MEMBERS IS TO BE IDENTIFIED IN ACCORDANCE WITH R502.1.1 MATERIAL FOR LOAD BEARING STUDS, PLATES AND HEADERS ARE TO		
SITE	NOTES:	25.	DENTIFIED IN ACCORDANCE WITH R602.1.1 STRUCTURAL FLOOR MEMBERS ARE NOT TO BE CUT, BORED, OR NOTCHED IN	1.	DOW AND DOOR NOTES: ALL WINDOWS AND SLIDING GL
1. 2.	PITCH GRADE AWAY FROM THE BUILDING (R401.3). STORM WATER TO BE DISPOSED OF IN ACCORDANCE WITH LOCAL CODE		ACCESS OF THE LIMITATIONS SPECIFIED IN FIGURE R502.8. CUTS, NOTCHES AND HOLES BORED IN ENGINEERED WOOD PRODUCTS ARE NOT PERMITTED UNLESS THE EFFECTS OF SUCH PENETRATION ARE SPECIFICALLY CONSIDERED IN THE DESIGN		GLASS, SCREENS AND LOCKS A EQUAL SIZES AND TYPES AS INI
3.	REQUIREMENTS. ALL TREES WITHIN 15'-0" OF PROPOSED CONSTRUCTION TO BE PROTECTED.		OF THE MEMBER, IN ACCORDANCE WITH R502.8.2. STUD DRILLING AND NOTCHING ARE ALSO TO COMPLY WITH R602.6. (SEE DETAIL)	2.	ALL EXTERIOR DOORS TO BE IN STANLEY, OR APPROVED EQUA WEATHER STRIPPED, LOCKS. U
4.	ALL LANDSCAPING DAMAGED BY THE CONSTRUCTION OPERATION TO BE REPLACED AS REQUIRED.		N ACCORDANCE WITH SECTION R312.1, REQUIRED GUARDS FOR HANDRAILS ARE TO HAVE GAPS THAT DO NOT ALLOW PASSAGE OF A 4"Ø SPHERE.	3.	ALL INTERIOR DOORS TO BE 13^{47} JAMBS AND BUCKS TO BE CLEA
5.	ALL DAMAGED CURBING, SIDEWALKS, ETC TO BE REPLACED.			GUA	RDS & WINDOW FALL PROTECTION
CONC	CRETE NOTES:		PROVIDE 1 $\frac{1}{4}$ "Ø WOOD CLOTHES ROD IN ALL CLOSETS. STAIR TREAD SHALL BE 1 $\frac{1}{4}$ " THICK CLEAR OAK, UNLESS OTHERWISE NOTED.		2.1 GUARDS - GUARDS SHALL BE PF OUGH R312.1.4.
1.	SOIL BEARING CAPACITY IS ASSUMED TO BE 3000 PSF (TABLE R401.4.1) SHOULD POORER SOIL CONDITIONS BE ENCOUNTERED ACTUAL BEARING CAPACITY SHALL BE DETERMINED AND FOOTINGS ARE TO BE REDESIGNED.		CERAMIC TILE SURFACES AND INSTALLATION ARE TO COMPLY WITH R702.4, OTHER FINISHES TO COMPLY WITH R702.5 AND R702.6.		R312.1.1 WHERE REQUIRED - GUA SURFACES, INCLUDING STAIRS, R
2.	ALL CONCRETE WORK TO CONFORM TO LATEST ACI CODE.		ANY CHANGES TO THE STRUCTURE SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE CHANGES ARE MADE TO THE STRUCTURE ON SITE.		INCHES VERTICALLY TO THE FLOO HORIZONTALLY TO THE EDGE OF ACCEPTABLE GUARD.
3.	ALL CONCRETE (TO INCLUDE GARAGE SLABS AND CONCRETE EXPOSED TO WEATHERING) SHALL BE 3500 PSI AT 28 DAYS UNLESS OTHERWISE NOTED. ALL EXPOSED CONCRETE SHALL BE AIR ENTRAINED (TABLE R402.2).	FINISH (CARPENTRY NOTES:		R312.1.2 HEIGHT - REQUIRED GUA 36 INCHES IN HEIGHT MEASURED
4.	ADEQUATE PROTECTION TO BE MADE FOR CONCRETE AND MASONRY WORK		HARD WOOD FLOORS TO BE 1"x 2" TONGUE & GROOVE OAK (B GRADE) INSTALLED OVER ROSEN PAPER. SANDED SMOOTH AND FINISH WITH 2 COATS OF		OR THE LINE CONNECTING THE LI
5.	AGAINST FREEZING. NO CONCRETE OR MASONRY SHALL BE PERFORMED IN TEMPERATURES BELOW 40°F. NO CONCRETE SHALL BE CAST ON FROZEN GROUND. ADDITIVES SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE		POLYURETHANE. STAIR TRENDS TO BE $1^{1''}_4$ THICK CLEAR OAK UNLESS OTHERWISE NOTED.		1. GUARDS ON THE OPEN SIDES C MEASURED VERTICALLY FROM A TREADS.
	ARCHITECT.	3.	TRIN TRIM SHALL BE CLEAR MATERIAL UNLESS OTHERWISE NOTED. EXTERIOR TRIM TO BE CLEAR MATERIAL TO MATCH SIDING.		2. WHERE THE TOP OF THE GUAR STAIRS, THE TOP OF THE GUARD
6.	ALL FOOTING TO BE CAST CONCRETE AND REST ON VIRGIN SOIL 3'-0" MINIMUM BELOW GRADE, STEP AS REQUIRED (R403.1.4).		ALL EXTERIOR DOORS TO BE FULLY WEATHER STRIP.		THAN 38 INCHES AS MEASURED V EDGES OF THE TREADS.
7.	ALL FOOTING TO HAVE A PROJECTION AT EACH SIDE OF THE WALL ABOVE, PROVIDE 3 #5 CONTINUOUS REBARS UNLESS OTHERWISE NOTED (R403.1.3.5) PROJECTION NOT TO EXCEED THE FOOTING THICKNESS		ALL INTERIOR DOORS TO BE $1\frac{3}{4}$ " THICK RAISED PANEL UNLESS OTHERWISE NOTED. ALL JAMBS AND BUCKS TO BE CLEAR.		R312.1.3 OPENING LIMITATIONS - I ALLOW PASSAGE OF A SPHERE 4
8.	PROVIDE 2"x4" MINIMUM KEY WAY BETWEEN FOOTING AND FOUNDATION WALL (R403.1.1).		CTION DETAILS:		EXCEPTIONS: 1. THE TRIANGULAR OPENINGS AT TREAD & BOTTOM RAIL OF A GUA
9.	WALL FORMS TO REMAIN IN PLACE THREE DAYS MINIMUM.		ALL FRAMING HARDWARE TO BE SIMPSON STRONG TIE OR APPROVED EQUAL. DUE TO THE NATURE OF FRAMING HARDWARE TO THE OTHER COMPONENTS OF THE		INCHES IN DIAMETER. 2. GUARDS ON THE OPEN SIDE OF PASSAGE OF A SPHERE 4 ⁸ / ₈ " DIAME
10.	CONCRETE FOUNDATION WALLS SHALL BE CAST MONOLITHIC NO HORIZONTAL JOINTS SHALL BE PERMITTED SHOULD A BREAK IN CASTING BE REQUIRED IT SHALL BE VERTICAL AND THE SURFACE SHALL BE PREPARED PRIOR TO THE NEXT CAST.		STRUCTURE, SUBSTITUTION WILL RESULT IN THE CONTRACTOR ASSUMING RESPONSIBILITY FOR THE DESIGN AND PERFORMANCE OF THE ENTIRE SYSTEM.		R312.1.4 EXTERIOR PLASTIC COM GUARDS SHALL COMPLY w/ THE F
11.	PROVIDE SLEEVES IN FOUNDATION WALLS AS REQUIRED FOR MECHANICAL, ELECTRICAL, PLUMBING, TRADES AS REQUIRED COORDINATE WITH OTHER		ALL SPECIFIED FASTENERS TO BE INSTALLED AS PER MANUFACTURE SPECIFICATIONS. INCORRECT FASTENER QUANTITY, SIZE, TYPE, MATERIAL OR FINISH MAY CAUSE THE CONNECTION TO FAIL. 16d COMMON NAILS CAN NOT BE		2.2 WINDOW FALL PROTECTION - WI ORDANCE w/ SECTIONS R312.2.1 & I
12.	CONTRACTORS, AGENCIES, ETC CONCRETE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING FOR ALL WALLS AS		REPLACED BY 16d SINKERS UNLESS OTHERWISE NOTED.	EGR	ESS WINDOW NOTES:
13.	REQUIRED TO EXIST WIND AND CONSTRUCTION LOADS. THE EXTERIOR SURFACE OF ALL FOUNDATION WALLS SHALL BE DAMPROOFED.	5.	JOIST SHALL BEAR COMPLETELY ON THE CONNECTOR SEAT AND ANY GAP BETWEEN THE JOIST AND THE HEADER SHALL NOT EXCEED $\frac{1}{4}$ " AS PER ASTM TEST STANDARDS.	- R3	10.2.1 MINIMUM OPENING AREA. AL HAVE A MINIMUM NET CLEAR OF OPENING SHALL NOT BE LESS T
14.	ANCHOR BOLTS TO BE $\frac{5}{8}$ "Ø x12" LONG WITH 3" HOOK AND 3"x3" WASHER SPACE 39" O.C. MAXIMUM FOR 8'-0" END ZONES, AND 45" OC FOR INTERIOR ZONES. PROVIDE	6.	THE JOIST AND THE HEADER SHALL NOT EXCEED $\frac{1}{4}$ AS PER ASTM TEST STANDARDS. ANCHOR BOLT NUTS SHOULD BE FINGER TIGHTENED PLUS ONE TURN WITH A WRENCH, CONSIDERATION FOR FUTURE WOOD SHRINKAGE SHALL BE GIVEN, CARE		OPENING SHALL NOT BE LESS T LESS THAN 20 INCHES.
	TWO BOLTS AT EACH CORNER SPACED 1'-0" APART WITHIN 6" & 12" OF CORNER & PLATE ENDS WITH MINIMUM OF 7" EMBEDMENT IN POURED CONCRETE & 15" IN MASONRY BLOCK, FILL TOP TWO COURSES SOLID IN ACCORDANCE WITH WOOD		SHALL BE TAKEN TO AVOID OVER TORQUING THE NUT.		EPTION: GRADE FLOOR OPENINGS SQUARE FEET.
15.	FRAME CONSTRUCTION MANUAL 3.2.1.7 TABLE 3.2A ALL SLABS ON GRADE SHALL REST ON A 6" COMPACTED BASE OF CLEAN SAND OR		CONNECTIONS @ WOOD FRAME ARE IN ACCORDANCE WITH SECTION 3.2 OF 2018 WOOD FRAME CONSTRUCTION MANUAL, HIGH WIND MANUAL AS PER R301.2.1.1	-R31	0.1.1 OPERATIONAL CONSTRAINTS. BE OPERATIONAL FROM THE IN: TOOLS.
15.	ALL SLABS ON GRADE SHALL REST ON A 6 COMPACTED BASE OF CLEAN SAND OR GRAVEL INSTALL A 6 MIL. POLYETHYLENE VAPOR BARRIER PRIOR TO CASTING SLAB. ALL SLABS ON GRADE TO HAVE 6"x6" W1.4 x W1.4 WWM REINFORCING CONFORMING	STEEL N	IOTES: ALL STRUCTURAL STEEL SHALL CONFORM TO LATEST ASTM SPECIFICATIONS FOR	-R31	0.2.2 WHERE EMERGENCY ESCAPE HAVE A SILL HEIGHT OF NO MOI
	TO ASTM A185. SEE R506 RESIDENTIAL CODE SECTION		A-36 STEEL.	ALL	WINDOWS TO BE SUPPLIED BY THE
17.	PROVIDE SAWED OR KEYED AND FORMED CONTROL JOINTS FOR SLAB AND WALKS ON GRADE AT 20'-0" O.C. MAXIMUM IN BOTH DIRECTIONS.	3.	ALL STEEL WORK TO CONFORM LATEST AISC SPECIFICATIONS. ALL REINFORCING BARS TO BE DEFORMED INTERMEDIATE GRADE NEW BILLET	100 F	ERSON WINDOWS, INC FOURTH AVENUE NORTH PORT, MN 55003-1096
18.	STEP FOOTINGS DOWN AS REQUIRED. MAXIMUM STEP FOOTINGS SHALL BE ONE VERTICALLY TO TWO HORIZONTALLY WHERE ELEVATIONS CHANGE.		STEEL CONFORMING TO ASTM A615 GRADE 60 HAVING DESIGN STRENGTH OF 60,000 PSI.		PORT, MN 55003-1096 FORMS TO AAMA/NWWDA 101/I.S. 2
19.	CRAWL SPACE VENTS, IN ACCORDANCE WITH R408.1 ARE TO BE LOCATED WITHIN 3'-0" OF EACH CORNER OF THE BUILDING		ALL REINFORCING BARS TO BE CONTINUOS UNLESS SPECIFIC LENGTHS ARE SHOWN. ALL SPLICES TO BE (40) BAR DIAMETERS MINIMUM.	MIH	ITOL WINDOWS AND DOORS OME PRODUCTS, INC
20.	ACCESS TO CRAWL SPACE AS PER R408.4		WELDED WIRE FABRIC TO BE 6" x 6" W1.4 x W1.4 WHICH SHALL CONSIST COLD DRAWN MEMBERS HAVING AND ULTIMATE STRENGTH NOT LESS THAN 70,000 PSI.	P.O.	W. MARKET STREET BOX 370 TZ, PA 17030-0370
			ALL REINFORCING TO BE SECURELY FASTENED TO RESIST MOVEMENT DURING CONCRETE PLACEMENT.		FORMS TO AAMA/NWWDA 101/I.S. 2
		1	WELDED WIRE FABRIC OR EQUIVALENT STEEL AREA MAY SUBSTITUTED FOR ANY REINFORCING BAR GRID.	ALL NOT	WINDOWS IN PLANS TO HAVE A RO ED

ALLS AND CEILING OF ALL HEATED SPACES TO BE CONTINUOUS VAPOR BARRIER FACING THE HEATED SPACE. THE OPENINGS.(R302.10.1) ILINGS TO BE INSTALLED AS TO MAINTAIN THE FREE	MEP COMPLIANCE STATEMENT: THE EXISTING HEATING, ELECTRICAL AND PLUMBING SYSTEMS ARE CAPABLE OF H THE IMPOSED LOADS OF THE PROPOSED ALTERATION. IF IT IS DETERMINED THAT ANY OF THESE EXISTING SYSTEMS ARE NOT CAPABLE, BE UPGRADED TO MEET COMPLIANCE
THE EXTERIOR FACE OF INSULATION AND THE INTERIOR ING.	MECHANICAL NOTES: 1. HEATING SYSTEMS TO MAINTAIN 68°F INTERIOR @ 0°F EXTERIOR TEMPERA
O BE PROVIDED IN WALLS, FLOORS AND CEILINGS AROUND MS AND MECHANICAL ROOMS.	A 15 MPH WIND VELOCITY. ALL KITCHEN AND BATHROOM VENTS TO COMPLY WITH STATE CODES.
ATION AS PER CODE AT ALL FOUNDATION WALLS .4 AND R903.2	3. ALL FIRE BOXES SHALL BE LINED WITH FIRE BRICK AS PER ASTM C106 PRC EXTERIOR COMBUSTION AIR AS PER ENERGY CODE.
COMPLY WITH R902, R903 AND R904. 15.2.5 AND ASTM F1667 12 GAUGE SHANK WITH 🖑 HEAD 6	4. FLUE LINING TO BE TERRACOTTA FOR FULL HEIGHT EXTENDING TRUE CHIN ALTERNATE: PREFABRICATED INSULATED METAL CHIMNEY INSTALLED AS I
N SECTIONS (SEE PLAN FOR SPECIFIC VALUES)	 MANUFACTURER SPECIFICATIONS. ALL MECHANICAL WORK TO CONFORM TO NYS RESIDENTIAL CODE CHAPTI TUROLUCI 22
ERS ARE TO BE INSTALLED ON THE WARM - IN WINTER SIDE .S, FLOORS, ROOFS AND CEILING IN ACCORDANCE WITH	THROUGH 23. ENERGY COMPLIANCE NOTES:
D COMPLY WITH SECTION R302.10.1 AND IS TO HAVE A TO EXCEED 25 WITH A SMOKE DEVELOPED INDEX NOT TO HODS MUST COMPLY WITH ASTM E84 STANDARD. ALL	 EQUIPMENT SHALL MEET THE MINIMUM EFFICIENCY REQUIREMENTS OF TA C403.2.3(1), C403.2.3(2), 403.2.3(3), 403.2.3(4), 403.2.3(5), 403.2.3(6), 403.2.3(7), 403.2.3(9) WHEN TESTED AND RATED IN ACCORDANCE W/ THE APPLICABLE PROCEDURE.
TTIC FLOORS ARE TO HAVE MINIMUM CRITICAL RADIANT NTIMETER SQUARED. TESTING TO BE CARRYED OUT AS EXTERIOR INSULATED FINISH SYSTEM TO COMPLY WITH	2. ALL CONSTRUCTION SHALL COMPLY w/ THE 2020 INTERNATIONAL ENERGY CONSERVATION CONSTRUCTION CODE. THE AUTHORITY HAVING JURISDIC BE PERMITTED TO DETERMINE AN ENERGY EFFICIENCY PROGRAM TO EXC ENERGY EFFICIENCY REQ'D BY THIS CODE.
RTS AND CLEAN OUTS TO CONFORM TO LOCAL CODE	3. A PERMANENT CERTIFICATE SHALL BE COMPLETED BY THE BUILDER AND I A WALL IN THE SPACE WHERE THE FURNACE IS LOCATED. CERTIFICATE SH w/IRC N1101.14 (R401.3)
D BE VENTED AND TRAPPED.	4. ATTIC OR CRAWL SPACE ACCESS SHALL BE WEATHER STRIPPED AND INSULEVEL EQUIVALENT TO THE INSULATION ON THE SURROUNDING SURFACE
S ON ALL SUPPLY LINES AT ALL FIXTURES. S. HOSE BIBS MINIMUM.	5. INSTALLATION - THE COMPONENTS OF THE BUILDING THERMAL ENVELOPE INSTALLED IN ACCORDANCE w/ THE CRITERIA LISTED IN TABLE 402.4.1.1 WH BY CODE OFFICIAL, AN APPROVED THIRD PARTY SHALL INSPECT ALL COMP VERIFY COMPLIANCE.
ER, AMERICAN STANDARD, OR APPROVED EQUAL. 9 BY CONTRACTOR.	 TESTING - BUILDING OR DWELLING UNIT SHALL BE TESTED AND VERFIRED LESS THAN OR EQUAL TO 3 ACH50 IN CZ 4A, 5, 6A. TESTING SHALL BE CONI AN APPROVED THIRD PARTY.
O SUPPLY AND INSTALL 40 GALLON PER HOUR HOT WATER	7. DUCTS - SUPPLY & RETURN DUCTS IN ATTICS SHALL BE INSULATED TO A M R-8 @ 3" OR GREATER IN DIAMETER , AND R-6 @ DUCTS LESS THAN 3" IN DI
DNFORM TO NYS RESIDENTIAL CODE CHAPTERS 25	8. DUCT SEALING - DUCTS, AIR HANDLERS & FILTER BOXES SHALL BE SEALED
	9. DUCT TESTING - DUCTS SHALL BE PRESSURE TESTED TO DETERMINE AIR I AN APPROVED THIRD PARTY.
BE IN ACCORDANCE WITH THE LATEST NATIONAL ELECTRIC ES, NFPA 70-2014 AND STATE AUTHORITIES HAVING DRS SHALL PAY FOR AND OBTAIN AN UNDERWRITERS	 BUILDING CAVITIES SHALL NOT BE USED AS DUCTS OR PLENUMS. MECHANICAL SYSTEM PIPING INSULATION CARRYING FLUIDS > 105°F OR < BE INSULATED WITH R-3 MINIMUM.
DEQUACY OF EXISTING SERVICE AT EXISTING PANEL BASE DR NEW WORK.	12. MECHANICAL VENTILATION - SHALL MEET THE REQUIREMENTS OF THE IRC
	 13. EQUIPMENT SIZING - PER ACCA MANUAL S, BASED ON LOADS CALCULATED MANUAL J AS PROVIDED BY A THIRD PARTY HERS RATER. 14. LIGHTING - A MIN. OF 90% OF PERMANENTLY INSTALLED FIXTURES MUST H
BE 18" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.	 HIGH-EFFICIENCY LAMPS. 15. ALL HVAC, PLUMBING & ELECTRICAL SYSTEMS SHALL MEET THE IRC CHAP
TO PROVIDE HOOK UPS FOR HEATING AND AIR	ENERGY EFFICIENCY, INTERNATIONAL MECHANICAL CODE, INTERNATIONA CONSERVATION CODE. IT SHALL BE THE RESPONSIBILITY OF THE GENERA CONTRACTOR TO SUBMIT IN DETAIL THE DESIGN, CALCULATIONS, DRAWIN
TO COORDINATE WITH OTHER TRADES.	WRITTEN STATEMENTS OF THE MECHANICAL, AIR CONDITIONING, VENTILA HEATING SYSTEMS (NEW, EXISTING OR UPGRADED) STAMPED BY A PROFE ENGINEER IF REQ'D BY THE OWNER OR BUILDING DEPT.
DR APPROVED EQUAL. R PROOF OUTLETS ON NEW WORK.	16. ADDITIONS, ALTERATIONS OR RENOVATION SHALL COMPLY W/ IECC 2020. U PORTIONS OF THE EXISTING BUILDING IS NOT REQUIRE TO COMPLY W/ THIS
ALARM DETECTION DEVICE INSTALLED IN CONFORMANCE 1102.3 ON OR NEAR THE CEILING ADJACENT TO ALL H FLOOR LEVEL. UNIT TO DETECT FIRE, SMOKE AND	17. MINIMUM ONE PROGRAMMABLE THERMOSTAT SHALL BE PROVIDED FOR E/ SEPARATE HEATING & COOLING SYSTEM IN ACCORDANCE W/ SECTION N11 SYSTEMS.
CONFORM TO NYS RESIDENTIAL CODE CHAPTERS 34	18. ALL EXTERIOR WALL/FLOOR/CEILING JOIST SHALL BE AIR SEALED & INSUL/ ACCORDANCE w/ TABLE R402.4.1.1 APPLY A FRESH BEAD OF CAULK TO THI BOTTOM PLATE IMMEDIATLY PRIOR TO INSTALLING INTERIOR GYP. WALL B
GLASS DOORS TO BE VINYL CLAD WOOD WITH INSULATED KS AS MANUFACTURED BY ANDERSON OR APPROVED S INDICATED ON PLANS UNLESS OTHERWISE NOTED. WE INSULATED METAL AS MANUFACTURED BY BENCHMARK, QUAL. SIZES AND TYPES AS INDICATED ON PLANS. FULLY S. UNLESS OTHERWISE NOTED. E 1 ³ / [*] THICK, HOLLOW CORE, FLUSH BIRCH, U.O.N. ALL DOOR LEAR PINE.	
E PROVIDED IN ACCORDANCE w/SECTIONS R312.1.1	
GUARDS REQUIRED ALONG OPEN-SIDED WALKING IS, RAMPS & LANDINGS, THAT ARE LOCATED MORE THAN 30 FLOOR OR GRADE BELOW AT ANY POINT 36 INCHES I OF THE OPEN SIDE. INSECT SCREENING IS NOT AN	
GUARDS AS DESCRIBED ABOVE SHALL NOT BE LESS THAN RED VERTICALLY ABOVE THE ADJACENT WALKING SURFACE IE LEADING EDGES OF THE TREADS.	
ES OF STAIRS SHALL HAVE A HEIGHT OF 34 INCHES M A LINE CONNECTION THE LEADING EDGES OF THE UARD SERVES AS A HANDRAIL ON THE OPEN SIDES OF THE	
ARD SHALL BE NOT LESS THAN 34 INCHES AND NOT MORE ED VERTICALLY FROM A LINE CONNECTING THE LEADING	
IS - REQUIRED GUARDS SHALL NOT HAVE OPENINGS THAT RE 4 INCHES IN DIAMETER.	
IS AT THE OPEN SIDE OF A STAIR, FORMED BY A RISER, GUARD, SHALL NOT ALLOW PASSAGE OF A SPHERE 6 E OF STAIRS SHALL NOT HAVE OPENINGS THAT ALLOW AMETER	
COMPOSITE GUARDS - PLASTIC COMPOSITE EXTERIOR HE REQUIREMENTS OF SECTION R317.4.	
- WINDOW FALL PROTECTION SHALL BE PROVIDED IN .1 & R12.2.2.	_
. ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL R OPENING OF 5.7 SQUARE FEET. THE NET CLEAR HEIGHT SS THAN 24 INCHES AND NET CLEAR WIDTH SHALL NOT BE	
IGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5	
NTS. EMERGENCY ESCAPE AND RESUE OPENINGS SHALL E INSIDE OF THE ROOM WITHOUT THE USE OF KEYS OR	
APE AND RESUE OPENINGS ARE PROVIDED THEY SHALL MORE THAN 44 INCHES ABOVE THE FLOOR. THE FOLLOWING MANUFACTURES AS NOTED ON PLAN.	
.S. 2-97	
0.0.07	
.S. 2-97 A RO. OF 6' - $10^{1''}_2$ TO BOTTOM OF HEADER UNLES OTHERWISE	

IEP COMPLIANCE STATEMENT:	ROOFING/SIDING NOTES:	FINISHING NOTES:		
HE EXISTING HEATING, ELECTRICAL AND PLUMBING SYSTEMS ARE CAPABLE OF HANDLING HE IMPOSED LOADS OF THE PROPOSED ALTERATION. F IT IS DETERMINED THAT ANY OF THESE EXISTING SYSTEMS ARE NOT CAPABLE, THEN IT WILL E UPGRADED TO MEET COMPLIANCE	1. ROOF COVERING MATERIALS ARE TO COMPLY WITH SECTIONS R902, R904 AND R905 AND ARE TO IDENTIFIED IN ACCORDANCE WITH R904.4. ROOF DRAINS ARE TO BE INSTALLED IN ACCORDANCE WITH R 903.4. DRAWINGS AND DETAILS ARE TO BE SUBMITTED.	1. ALL WALLS AND CEILINGS TO BE $\frac{1}{2}$ " GYPSU COATS MINIMUM. USE MOISTURE RESISTA MOISTURE.	JM WALL BOARD TAPED AND SPACKLED 3 ANT WALL BOARD ON AREA SUBJECT TO	
IECHANICAL NOTES: HEATING SYSTEMS TO MAINTAIN 68°F INTERIOR @ 0°F EXTERIOR TEMPERATURE WITH A 15 MPH WIND VELOCITY. ALL KITCHEN AND BATHROOM VENTS TO COMPLY WITH STATE CODES. ALL FIRE BOXES SHALL BE LINED WITH FIRE BRICK AS PER ASTM C106 PROVIDE EXTERIOR COMBUSTION AIR AS PER ENERGY CODE.	 UNDERLAYMENT FOR ASPHALT SHINGLES, CLAY & CONCRETE TILE, METAL ROOFING SHINGLES, SLATE & SLATE TYPE SHINGLES, WOOD SHINGLES, WOOD SHAKES & METAL ROOFING PANELS TO COMPLY WITH SECTION R905.1.1. SELF STEEL STRIPS AND FASTENERS ARE TO COMPLY WITH R905.2 AND R905.2.5 DETAILS OF ASPHALT SHINGLE ROOFING INSTALLATIONS ARE TO BE SUBMITTED. FOR ROOF SLOPES OF ⁴/₁₂, DOUBLE UNDERLAYMENT IS REQUIRED IN ACCORDANCE WITH TABLE R905.1.1(2). THE REQUIRED UNDERLAYMENT IS TO CONFORM WITH ASTM D226, TYPE ONE OR ASTM D4869, TYPE ONE IN ACCORDANCE WITH R905.1.1. AN ICE BARRIER SHALL BE INSTALLED THAT IS WITHIN COMPLIANCE OF R905.1.2 	 ALL CERAMIC TILE TO BE BACKED BY CEM ALL GLAZING TO BE SIZED, CONSTRUCTED MATERIALS TO MINIMIZE INJURIES IN THE ALL CLOSETS TO RECEIVE VINYL COVERIN OTHERWISE NOTED. ALL BATHROOMS TO HAVE CERAMIC TILE BASE. PROVIDE A MARBLE SADDLE AT DOM 	D, TREATED OR COMBINED WITH OTHER EVENT OF BREAKAGE. (R308) NG AND HANG RODS UNLESS FLOORS WITH A 4" CERAMIC TILE COVER	
 FLUE LINING TO BE TERRACOTTA FOR FULL HEIGHT EXTENDING TRUE CHIMNEY CAP. ALTERNATE: PREFABRICATED INSULATED METAL CHIMNEY INSTALLED AS PER MANUFACTURER SPECIFICATIONS. ALL MECHANICAL WORK TO CONFORM TO NYS RESIDENTIAL CODE CHAPTERS 12 	OF THE 2020 IRC OF NYS. THE ICE BARRIER SHALL CONSIST OF NOT FEWER THAN TWO LAYERS OF UNDERLAYMENT CEMENTED TOGETHER, OR A SELF-ADHERING POLYMER-MODIFIED BITUMEN SHEET SHALL BE USED IN PLACE OF NORMAL UNDERLAYMENT & EXTEND FROM THE LOWEST EDGES OF ALL ROOF SURFACES TO A POINT NOT LESS THAN 24 INCHES INSIDE THE EXTERIOR WALL LINE OF THE	6. ALL HANDRAILS TO CONFORM WITH CODE <u>NAILING SCHEDULE (WFCM 2018)- COMMON NAILS:</u> WFCM TABLES 3.1, 3.4A, 3.5, 3.6, 3.9A, 3.10, 3.11	E R311.7.8	
NERGY COMPLIANCE NOTES:	BUILDING. IN THE CASE OF A ROOF WHOSE SLOPE IS 8/12 OR GREATER, THE ICE BARRIER SHALL ALSO BE APPLIED NOT LESS THAN 36 INCHES MEASURED ALONG THE ROOF SLOPE FROM THE EAVE EDGE OF THE BUILDING.	JOINT DESCRIPTION NUMB	SER OF NUMBER OF BOX NAIL SPACING	EAGLE DE 924 NEWBRIDGE
EQUIPMENT SHALL MEET THE MINIMUM EFFICIENCY REQUIREMENTS OF TABLES C403.2.3(1), C403.2.3(2), 403.2.3(3), 403.2.3(4), 403.2.3(5), 403.2.3(6), 403.2.3(7), 403.2.3(8) & 403.2.3(9) WHEN TESTED AND RATED IN ACCORDANCE W/ THE APPLICABLE TEST	 4. FLASHING MATERIALS ARE TO BE CORROSION RESISTENT AND INSTALLED IN ACCORDANCE WITH R703.4, R903.2 AND R905.2.8. 5. HOUSE WRAP MATERIAL OR BUILDING FELT AND ITS INSTALLATION ARE TO 	ROOF FRAM		PHONE # (516 EAGLEDESI
PROCEDURE. ALL CONSTRUCTION SHALL COMPLY w/ THE 2020 INTERNATIONAL ENERGY CONSERVATION CONSTRUCTION CODE, THE AUTHORITY HAVING JURISDICTION SHALL	 COMPLY WITH R703.2. 6. WEATHER RESISTANT SIDING THICKNESS AND ATTACHMENT SHALL BE IN ACCORDANCE WITH TABLE 703.3(1), THE REQUIREMENTS OF 703.3 AND THE 	(TOE-NAILED)	BLE 3.4A SEE TABLE 3.4A PER JOIST BLE 3.9A SEE TABLE 3.9A EACH LAP	
BE PERMITTED TO DETERMINE AN ENERGY EFFICIENCY PROGRAM TO EXCEED THE ENERGY EFFICIENCY REQ'D BY THIS CODE. A PERMANENT CERTIFICATE SHALL BE COMPLETED BY THE BUILDER AND POSTED ON	MANUFACTURES SPECIFICATIONS. CLADDING ATTACHMENT OVER FOAM SHEATHING TO COMPLY WITH THE LIMITATIONS OF R703.15 & R703.17.	(TOE-NAILED) CEILING JOIST LAPS OVER PARTITIONS SEE TAI (FACE-NAILED)	BLE 3.9A SEE TABLE 3.9A EACH LAP	UNDER THE DIRECTIO THESE PLANS IN ANY PLANS THE OWNER/ C LIABILITY OF EAGLE DE
A WALL IN THE SPACE WHERE THE FURNACE IS LOCATED. CERTIFICATE SHALL COMPLY w/IRC N1101.14 (R401.3) ATTIC OR CRAWL SPACE ACCESS SHALL BE WEATHER STRIPPED AND INSULATED TO A	NYS RESIDENTIAL CODE NOTES: - ALL CONSTRUCTION HAS BEEN DESIGNED IN ACCORDANCE WITH THE EXTANT ADDITION OF THE AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL (WFCM) 2018 FOR ONE	COLLAR TIE TO RAFTER (FACE-NAILED) SEE TA BLOCKING TO RAFTER (TOE-NAILED) 2-	-8d 2-10d EACH END	NEGLECT OR ACTS OF LIABILITY OF EAGLE I SHALL NOT EXCEED TH
LEVEL EQUIVALENT TO THE INSULATION ON THE SURROUNDING SURFACES. INSTALLATION - THE COMPONENTS OF THE BUILDING THERMAL ENVELOPE SHALL BE INSTALLED IN ACCORDANCE W/ THE CRITERIA LISTED IN TABLE 402.4.1.1 WHERE REQ'D	- DESIGN CRITERIA-CLIMATIC AND GEOGRAPHIC (R301) - GROUND SNOW LOAD	WALL FRAM TOP PLATE TO TOP PLATE 2-'	16d 3-16d EACH END IING	
BY CODE OFFICIAL, AN APPROVED THIRD PARTY SHALL INSPECT ALL COMPONENTS & VERIFY COMPLIANCE. TESTING - BUILDING OR DWELLING UNIT SHALL BE TESTED AND VERFIRED HAVING	- WIND SPEED	(FACE-NAILED) TOP PLATES AT INTERSECTIONS (FACE-NAILED)	16d 5-16d JOINTS - EACH SIDE	
LESS THAN OR EQUAL TO 3 ACH50 IN CZ 4A, 5, 6A. TESTING SHALL BE CONDUCTED BY AN APPROVED THIRD PARTY. DUCTS - SUPPLY & RETURN DUCTS IN ATTICS SHALL BE INSULATED TO A MINIMUM OF	- SEISMIC DESIGN CATEGORYB - WEATHERING	HEADER TO HEADER (FACE-NAILED) 11	16d 2-16d 24" O.C. 6d 16d 16" O.C.	
 R-8 @ 3" OR GREATER IN DIAMETER , AND R-6 @ DUCTS LESS THAN 3" IN DIAMETER. DUCT SEALING - DUCTS, AIR HANDLERS & FILTER BOXES SHALL BE SEALED. 	- DECAYSLIGHT/MODERATE - WINTER DESIGN TEMPERATURESLIGHT/MODERATE - ICE SHIELD UNDERLAYMENTREQUIRED - FLOOD HAZARDAS PER FEMA & NFIP MAPS	(END-NAILED) BOTTOM PLATE TO FLOOR JOIST, 2	BLE 3.5A SEE TABLE 3.5A PER STUD 16d 2-16d PER FOOT	K
 DUCT TESTING - DUCTS SHALL BE PRESSURE TESTED TO DETERMINE AIR LEAKAGE BY AN APPROVED THIRD PARTY. BUILDING CAVITIES SHALL NOT BE USED AS DUCTS OR PLENUMS. 	- SITE CLASSIFICATIONSD - DESIGN CRITERIA - DESIGN LOADS ARE IN COMPLIANCE WITH SECTIONS R301.4 & R301.5, R301.6	BANDJOIST, ENDJOIST OR BLOCKING (FACE-NAILED) FLOOR FRAM	MING	Ō
 MECHANICAL SYSTEM PIPING INSULATION CARRYING FLUIDS > 105°F OR <55°F SHALL BE INSULATED WITH R-3 MINIMUM. 	-ROOF LOADS: ALLOWABLE DEFLECTIONS COMPLY WITH SECTION R301.6 -SNOW LOAD20 PSF - TABLE R301.2(6) RESIDENTIAL CODE OF N.Y.S. (PAGE 38)	(TOE-NAILED)	-8d 4-10d PER JOIST -8d 2-10d EACH END	
 MECHANICAL VENTILATION - SHALL MEET THE REQUIREMENTS OF THE IRC/ IMC EQUIPMENT SIZING - PER ACCA MANUAL S, BASED ON LOADS CALCULATED PER ACCA MANUAL J AS PROVIDED BY A THIRD PARTY HERS RATER. 	-DEAD LOAD15 PSF - <u>ATTIC LOADS:</u> - STORAGE ATTIC20 PSF - NON STORAGE ATTIC10 PSF	BLOCKING TO JOIST (TOE-NAILED) 2-	-8d 2-10d EACH END 16d 4-16d EACH BLOCK	Q
 LIGHTING - A MIN. OF 90% OF PERMANENTLY INSTALLED FIXTURES MUST HAVE HIGH-EFFICIENCY LAMPS. 	TABLE 4-1 ASCE (PAGE 13) -FLOOR LOADS: TABLE 4-1 ASCE (PAGE 13) - LIVE LOAD	LEDGER STRIP TO BEAM (FACE-NAILED) 3- JOIST ON LEDGER TO BEAM 3-	16d4-16dEACH JOIST-8d3-10dPER JOIST	
5. ALL HVAC, PLUMBING & ELECTRICAL SYSTEMS SHALL MEET THE IRC CHAPTER 11 ENERGY EFFICIENCY, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL ENERGY CONSERVATION CODE. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO SUBMIT IN DETAIL THE DESIGN, CALCULATIONS, DRAWINGS,	TABLE 4-1 ASCE (PAGE 13) - <u>WALL LOADS:</u> - DEAD LOAD15 PSF - <u>WIND LOADS:</u>		16d 4-16d PER JOIST 16d 3-16d PER FOOT	
WRITTEN STATEMENTS OF THE MECHANICAL, AIR CONDITIONING, VENTILATION, HEATING SYSTEMS (NEW, EXISTING OR UPGRADED) STAMPED BY A PROFESSIONAL ENGINEER IF REQ'D BY THE OWNER OR BUILDING DEPT.	- FROM FIGURE 6-1c ASCE (PAGE 40) - FROM FIGURE R301.2(5)A RESIDENTIAL CODE OF N.Y.S. (PAGE 36) - <u>UPLIFT:</u> WIND EXPOSURE "B" CATEGORY	(TOE-NAILED) ROOF SHEAT WOOD STRUCTURAL PANELS 8	HING 3d 10d TABLE 3.10	Z
 ADDITIONS, ALTERATIONS OR RENOVATION SHALL COMPLY w/ IECC 2020. UNALTERED PORTIONS OF THE EXISTING BUILDING IS NOT REQUIRE TO COMPLY w/ THIS CODE. MINIMUM ONE PROGRAMMABLE THERMOSTAT SHALL BE PROVIDED FOR EACH 	- FROM AF & PA WOOD FRAME CONSTRUCTION MANUAL - <u>SEISMIC LOAD:</u> - FROM FIGURE R301.2(2) RESIDENTIAL CODE OF N.Y.S. (PAGE 33)		-8d 2-10d PER SUPPORT -8d 3-10d PER SUPPORT	
 MINIMUM ONE PROGRAMMABLE THERMOSTAT SHALL BE PROVIDED FOR EACH SEPARATE HEATING & COOLING SYSTEM IN ACCORDANCE W/ SECTION N1103 CONTROL SYSTEMS. ALL EXTERIOR WALL/FLOOR/CEILING JOIST SHALL BE AIR SEALED & INSULATED IN 	 ALLOWABLE DEFLECTIONS (TABLE R301.7) RAFTERS WITH SLOPES GREATER THAN ³/₁₂L/180 NO FINISHED CEILINGS INTERIOR WALLS AND PARTITIONSH/180 	CEILING SHEA	THING OLERS 5d COOLERS 7" EDGE/ 10"	
ALL EXTERIOR WALL/FLOOR/CEILING JOIST SHALL BE AIR SEALED & INSULATED IN ACCORDANCE w/ TABLE R402.4.1.1 APPLY A FRESH BEAD OF CAULK TO THE TOP & BOTTOM PLATE IMMEDIATLY PRIOR TO INSTALLING INTERIOR GYP. WALL BOARD.	- FLOORS AND PLASTERED CEILINGSL/360 - ALL OTHER STRUCTURAL MEMBERSL/240 -EXTERIOR WALLS WITH PLASTER OR STUCCO FINISH	WALL SHEAT WOOD STRUCTURAL PANELS	HING 3d 10d TABLE 3.11	Ξ
	- EXTERIOR WALL- BRITTLE FINISHESL/240 - EXTERIOR WALL- FLEXIBLE FINISHESL/120 WINDOW OPENING PROTECTION	1.	ALV. ROOF 0"x1 ¹ ₂ "LONG - 3" EDGE/ 6" FIELD	
	- REMOVABLE SHUTTERS (R301.2.1.2) - ⁷ / ₁₆ " PLYWOOD PRE-CUT TO COVER GLAZED OPENINGS WITH ATTACHEMENT HARDWARE	25., 11 GA. GA	HEAD) ALV. ROOF 01/14/3/1 ONC - 3" EDGE/ 6"	
	(22 ^{III} # 8 WOOD SCREWS @ 16' O.C. - EACH SHUTTER TO BE LABELED FOR THE SPECIFIC WINDOW IT IS TO PROTECT DECION ODITEDIAL UPLIET, WOOD EDAME, CONSTRUCTION MANUAL 202	x ³ ⁿ H	HEAD) THEED THE THEED THEED THE THEED THE	$\overline{\mathbf{A}}$
	 DESIGN CRITERIA- UPLIFT - WOOD FRAME CONSTRUCTION MANUAL 3.2.2 - 1⁴/₄"x 20" GUAGE STRAP - ROOF TO WALL CONNECTION- WFCM SECTION 3.2.2.1 - WALL TO WALL CONNECTION- WFCM SECTION 3.2.2.2 		FIELD Bd 8d TABLE 3.11 Bd 8d (SEE MRF)	Ľ.
	- WALL TO FOUNDATION CONNECTION- WFCM SECTION 3.2.2.3 - RAFTER TO RAFTER OVER RIDGE- WFCM SECTION 3.2.6 - SECTION 3.2.1.7 - <u>WALL ASSEMBLY OR SILL PLATE TO FOUNDATION</u> SILL PLATES OR WALL BOTTOM PLATES SHALL BE ANCHORED TO THE		-8d 2-10d PER SUPPORT -8d 3-10d PER SUPPORT	
	FOUNDATION SYSTEM TO RESIST LATERAL & SHEER LOADS FROM WIND IN ACCORDANCE W/THE REQUIREMENTS OF TABLE 3.2. PRESCRIPTIVE SOLUTIONS PROVIDED FOR SILL PLATE TO FOUNDATION IN TABLE 3.2A, & FOR BOTTOM PLATE TO FOUNDATION TABLE 3.2B. SILL PLATES OR WALL	FLOOR SHEAT	THING	
	BOTTOM PLATES TO BE ANCHORED TO THE FOUNDATION TO SYSTEM TO RESIST SEISMIC SHEAR LOADS IN ACCORDANCE W/TABLE 3.3. SOLUTIONS FOR SILL OR BOTTOM PLATE TO FOUNDATION TABLE 3.3A. A MIN. OF 1 ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH		8d 10d 6" EDGE/ 12" FIELD 0d 16d 6" EDGE/ 12" FIELD	
	END OF EACH PLATE. ANCHOR BOLTS TO BE EMBEDDED A MIN. OF 7 INCHES IN CONC. FOUNDATIONS & SLABS ON GRADE, OR IN MASONRY BLOCK FOUNDATIONS WHEN RESISTING LATERAL & SHEER LOADS (FIGURE 3.2A-C) ANCHOR BOLTS LOCATED WITHIN 12 INCHES OF	DIAGONAL BOARD SHEATHING 1"x6" OR 1"x8" 2-	-8d 2-10d PER SUPPORT	Ц
	CORNERS, AS SPECIFIED BY TABLE 3.2A-B OR TABLE 3.3A, NOT TO EXCEED 6 FEET O.C. SILL PLATES & BOTTOM PLATE TO FULLY BEAR ON FOUNDATION SYSTEM. - SECTION 3.2.2.1 - ROOF ASSEMBLY TO WALL ASSEMBLY	1"x10" OR WIDER 3.	-8d 3-10d PER SUPPORT	K
	RAFTER OR TRUSS TO WALL STUD UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 3.2.2.1. PERSPECTIVE SOLUTIONS USING UPLIFT STRAPS ARE PROVIDED IN TABLE A-3.4. WHERE RAFTERS OR TRUSSES ARE NOT ATTACHED			
	DIRECTLY TO STUDS, RAFTERS OR TRUSSES SHALL BE ATTACHED TO THE WALL TOP PLATE, WITH THE WALL TOP PLATE ATTACHED TO THE WALL STUD w/UPLIFT CONNECTIONS IN ACCORDANCE w/TABLE 3.4. ROOF TO TOP PLATE CONNECTIONS SHALL BE ON THE SAME SIDE OF THE			
	WALL AS TOP PLATE TO STUD CONNECTIONS UNLESS OTHER METHODS ARE USED TO PREVENT TWISTING OF THE TOP PLATE DUE TO ECCENTRIC LOADING (FIGURE 3.2J-K). WOOD STRUCTURAL PANELS SHALL BE PERMITTED TO RESIST WALL TOP PLATE TO WALL STUD	BUILDING IS OR BUILDING IS	NOT WITHIN ONE MILE OF TIDAL WA	DESIGN SH
	UPLIFT WHEN DESIGNED IN ACCORDANCE WITH 3.2.3 PRESCRIPTIVE SOULTIONS TO RESIST WIND UPLIFT ARE PROVIDED IN TABLE 3.4B. - SECTION 3.2.2.2 - <u>WALL ASSEMBLY TO WALL ASSEMBLY</u> STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL	CONSTRUCTION METHOD: PERSPECTIVE	PERFORMANCE ENERGY RATING	CONSTRUCTIO
	STUD TO LOWER STORY WALL STUD SHALL BE IN ACCORDANCE w/THE REQUIREMENTS OF TABLE 3.4. PRESCRIPTIVE SOLUTIONS USING UPLIFT STRAPS ARE PROVIDED IN TABLE A-3.4. WHERE UPPER STORY WALL STUDS ARE NOT ATTACHED DIRECTLY TO LOWER STORY WALL STUDS,	BLOWER DOOR TEST MECHANIC	CAL VENT TEST DUCT LEAKAGE TES	T CH/
	THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY W/ UPLIFT CONNECTIONS IN ACCORDANCE W/TABLE 3.4. WOOD STRUCTURAL PANELS SHALL BE PERMITTED TO RESIST WALL PLATE TO WALL STUD UPLIFT WHEN DESIGNED IN ACCORDANCE W/3.2.3.	LOCATION MAP		REVISIO
	PRESCRIPTIVE SOLUTIONS TO RESIST WIND UPLIFT ARE PROVIDED IN TABLE 3.4B. - SECTION 3.2.2.3 - <u>WALL ASSEMBLY TO FOUNDATION</u> - FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL PLATE, OR			03/17/23 08/02/23
	BOTTOM PLATE IN ACCORDANCE WITH THE REQUIREMENTS OF TABLE 3.2. PRESCRIPTIVE SOLUTIONS ARE PROVIDED IN TABLE A-3.4 (SEE FIGURES 3.2A-E).			12/29/23
	STEEL CONNECTORS USED TO RESIST UPLIFT SHALL BE A MIN. OF A $1\frac{1}{4}$ "x20 GAGE ASTM A653 GRADE 33 STEEL STRAP & HAVE A MIN. EMBEDMENT OF 7" IN CONC. FOUNDATIONS AND SLABS ON GRADE, 15" IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE PLATE AND			
	NAILED IN ACCORDANCE W/STEEL CONNECTOR REQUIREMENTS (SEE FIGURES 3.2A-C). WHERE THE STEEL STRAP IS LAPPED UNDER THE BOTTOM PLATE, 3" SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS & ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE			GENERA
	REQUIREMENTS SPECIFIED IN TABLE 3.2C. IF STEEL CONNECTORS THAT ONLY FASTEN TO ONE SIDE OF THE BOTTOM PLATE ARE USED, THE SQUARE WASHER SHALL EXTEND TO WITHIN $\frac{1}{2}$ " OF THE EDGE OF THE PLATE TO WHICH THE CONNECTOR IS NAILED. STEEL STRAPS EMBEDDED			
	IN OR IN CONTACT W/ SLAB ON GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION, OR MANUFACTURED FROM G185 OR Z450 GALVANIZED STEEL.			RED ARC
	WOOD STRUCTURAL PANELS SHALL BE PERMITTED TO RESIST WALL STUD TO FOUNDATION, SILL PLATE, OR BOTTOM PLATE UPLIFT WHEN DESIGNED IN ACCORDANCE w/3.2.3. PRESCRIPTIVE SOLUTIONS TO RESIST WIND UPLIFT ARE PROVIDED IN TABLE 3.4B. WHERE WOOD			EN IST. OLID
	STRUCTURAL PANELS ARE USED TO RESIST UPLIFT, BOTTOM PLATES OR SILL PLATES SHALL BE ANCHORED IN ACCORDANCE w/3.2.3.6			
				THE OF NEW



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					ТА	BLE R3	301.2 (1)										MANUAL	J DESIGN CRITERI	4		
			CLIN	IATIC AN	ID GE	OGRAP	PHIC DE	SIGN C	RITER	RIA				ELEVATION	LATITUDE	WINTER HEATING	SUMMER COOLING	ALTITUDE CORRECTION FACTOR	INTERIOR DESIGN TEMPERATURE	DESIGN TEMPERATURE COOLING	HEATING TEMPERATUR
GROUND		4		WIND-BORNE	SEISMIC DESIGN		FROST LINE		DESIGN	UNDERLAYMENT	FLOOD HAZARDS	FREEZING									
SNOW LOAD	SPEED	EFFECTS	REGION	DEBRIS ZONE	CATEGORY	WEATHERING	DEPTH	TERMITE	TEMP.	REQUIRED		INDEX	TEMP	COOLING TEMPERATURE	WIND VELOCITY	WIND VELOCITY	COINCIDENT WET	DAILY RANGE	WINTER HUMIDITY	SUMMER HUMIDITY	
LBS/FT	MPH								°F				°F	DIFFERENCE	HEATING	COOLING	BULB				
20	130	YES	NO		В	SEVERE	3'-0" (36 INCHES)	MODERATE TO HEAVY	11	YES	NO	452	52.7								

Joint Description	Number of Common Nails	Number of Box Nails	Nail Spacing		
	ROOF FRAMING				
Rafter to Top Plate (Toe-nailed)	(see Table 3.4A)	(see Table 3.4A)	per rafter		
Ceiling Joist to Top Plate (Toe-nailed)	(see Table 3.4A)	(see Table 3.4A)	perioist		
Ceiling Joist to Parallel Rafter (Face-nailed)	(see Table 3.9A)	(see Table 3.9A)	each lap		
Ceiling Joist Laps over Partitions (Face-nailed)	(see Table 3.9A)	(see Table 3.9A)	each lap		
Collar Tie to Rafter (Face-nailed)	(see Table 3.6)	(see Table 3.6)	pertie		
Blocking to Rafter (Toe-nailed)	2-86	2-10d	each end		
Rim Board to Rafter (End-nailed)	2-16d	3-16d	each end		
kim obaro to karter (cho-naneu)		001-200			
	WALL FRAMING				
Top Plate to Top Plate (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.		
Header to Header (Face-nailed)	16d	16d	16" o.c. along edg		
Top or Bottom Plate to Stud (End-nailed)	(see Table 3.5A)	(see Table 3.5A)	per stud		
Bottom Plate to Floor joist, Bandjoist, Endjoist	2-16d ^{3,2}	2-16d ^{1,2}	perfoot		
or Blocking (Face-nailed)	£-100	2-100	pertoor		
· · · · · · · · · · · · · · · · · · ·	FLOOR FRAMING		1		
Joist to Sill, Top Plate or Girder (Toe-nailed)	4-84	4-10d	per joist		
Bridging to Joist (Toe-nailed)	2-8d	2-10d	each end		
Blocking to Joist (Toe-nailed)	2-8d	2-10d	each end		
Blocking to Sill or Top Plate (Toe-nailed)	3-16d	4-16d	each block		
Ledger 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 Top Plate (Toe-nailed)	2-16d ¹	3-16d	per foot		
sono sost to sin or rop riste (roe-naned)	ROOF SHEATHING		per root		
	nagan na katalan mananan matanan manakan katalan na panan ana katalan katalan katalan katalan katalan katalan k		T		
Wood Structural Panels	8d	10d	(see Table 3.10)		
Disgonal Board Sheathing					
1"x6" or 1"x8"	2-8d	2-10d	per support		
1"x10" or wider	3-8d	3-10d	per support		
	CEILING SHEATHING				
Gypsum Wallboard	5d coolers	5d coolers	6d coolers 7" edge / 10" fiel:		
	WALL SHEATHING				
Wood Structural Panels Structural Fiberboard Panels	8d	108	(see Table 3.11)		
	the set of the sector of the s		1948		
1/2"	11 ga. galv. roofing nail	•	3" edge / 6" field		
	(0.120"x1-1/2"long x 7/16" head)				
25/32*	11 ga. galy. roofing nail	-	3" edge / 6" field		
	(0.120"x1-3/4"long x 3/8" head)				
Gypsum Wallboard	5d coolers	5d coolers	7" edge / 10" fiel		
Hardboard	8d	8d	(see Table 3.11)		
Particleboard Panels	8d	8d	see manufacture		
Diagonal Board Sheathing					
1"x6" or 1"x8"	2-8d	2-10d	per support		
1"x10" or wider	3-8d	3-10d	per support		
	FLOOR SHEATHING		โลยสารางสารณ์การการสารที่มีสารการการกา		
Wood Structural Panels			T		
1" or less	8d	104	6" edge / 12" fiel		
greater than 1"	104	16d	6" edge / 12" fiel		
Diagonal Board Sheathing			a angut an ties		
1"x6" or 1"x8"	2-8d	2-106			
1"x10" or wider	2-66 3-8d	3-10d	per support		
			per support		
Nailing requirements are based on wall sheat	-		-		
be used where wall sheathing nailing is reduc					
obtain higher shear capacities, nailing require used to maintain the load path.	ments for structural members shall	be doubled, or alterna	te connectors shall be		

	TABLE R402.4.1.1 AIR BARRIER and INSULATION INSTALLATION	N
COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTAL
General requirements	A continuous air barrier shall be installed in the building envelope. Exterior thermal envelope contains a continuous air barrier. Breaks or joints in the air barrier shall be sealed.	Air-permeable insulation sha material.
Ceiling/attic	Thears of joints in the an owner shall be sailed. The air barrier in any dropped ceiling/soffit shall be aligned with the insulation and any gaps in the air barrier shall be sealed. Access openings, drop down stair or knee wall doors to unconditioned attic spaces shall be sealed.	The insulation in any droppe aligned with the air barrier.
Walls	The junction of the foundation and sill plate shall be sealed. The junction of the top plate and top of exterior walls shall be sealed. Knee walls shall be sealed.	Cavities within corners and I shall be insulated by comple a material having a thermal r minimum. Exterior thermal envelope in shall be installed in substant alignment with the air barrie
Windows, skylights and doors	The space between window/door jambs and framing and skylights and framing shall be sealed.	
Rim joists	Rim joists shall include the air barrier.	Rim Joists shall be insulated
Floors (including above-garage and cantilevered floors)	The air barrier shall be installed at any exposed edge of insulation.	Floor framing cavity insulat maintain permanent contact subfloor decking, or floor fir shall be permitted to be in co sheathing, or continuous ins underside of floor framing a bottom to the top of all perin members.
Crawl Space walk	Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped.	Where provided, instead of i shall be permanently attache
Shafts, penetrations	Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed.	
Narrow cavities		Batts in narrow cavities shal cavities shall be filled by ins readily conforms to the avail
Garage separation	Air sealing shall be provided between the garage and conditioned spaces.	
Receised lighting	Recessed light fixtures installed in the building thermal envelope shall be sealed to the drywall.	Recessed light fixtures instal thermal envelope shall be air
Plumbing and wiring		Batt insulation shall be cut n and plumbing in exterior wa installation readily conforms extend behind piping and wi
Shower/tub on exterior wall	The air barrier installed at exterior walls adjacent to showers and tubs shall separate them from the showers and tubs.	Exterior walls adjacent to sh insulated.
Electrical/phone box on exterior walls	The air barrier shall be installed behind electrical or communication boxes or air sealed boxes shall be installed.	
HVAC register boots	HVAC register boots that penetrate building thermal envelope shall be sealed to the subfloor or drywall.	
Concealed sprinklers	When required to be sealed, concealed fire sprinklers shall only be sealed in a manner that is recommended by the manufacturer. Caulking or other adhesive sealants shall not be used to fill voids between fire sprinkler cover plates and walls or ceilings.	

	TABLE	R507.2.3		
FASTENER AND	CONNECTOR	SPECIFICATIONS	FOR	DECK

ITEM	MATERIAL	MINIMUM FINISH/COATING	ALTERM FINISH/CO
Nails and timber rivets	In accordance with ASTM F1667	Hot-dipped galvanized per ASTM A153	Stainless st silicon bron copper
Bolts ^c Lag screws ^d (including nuts and washers)	In accordance with ASTM A307 (bolts), ASTM A563 (nuts), ASTM F844 (washers)	Hot-dipped galvanized per ASTM A153, Class C (Class D for ³ / ₈ -inch diameter and less) or mechanically galvanized per ASTM B695, Class 55 or 410 stainless steel	Stainless st silicon bror copper
Metal connectors	Per manufacturer's specification	ASTM A653 type G185 zinc coated galvanized steel or post hot-dipped galvanized per ASTM A123 providing a minimum average coating weight of 2.0 oz./ft ² (total both sides)	Stainless st

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

a. Equivalent materials, coatings and finishes shall be permitted.

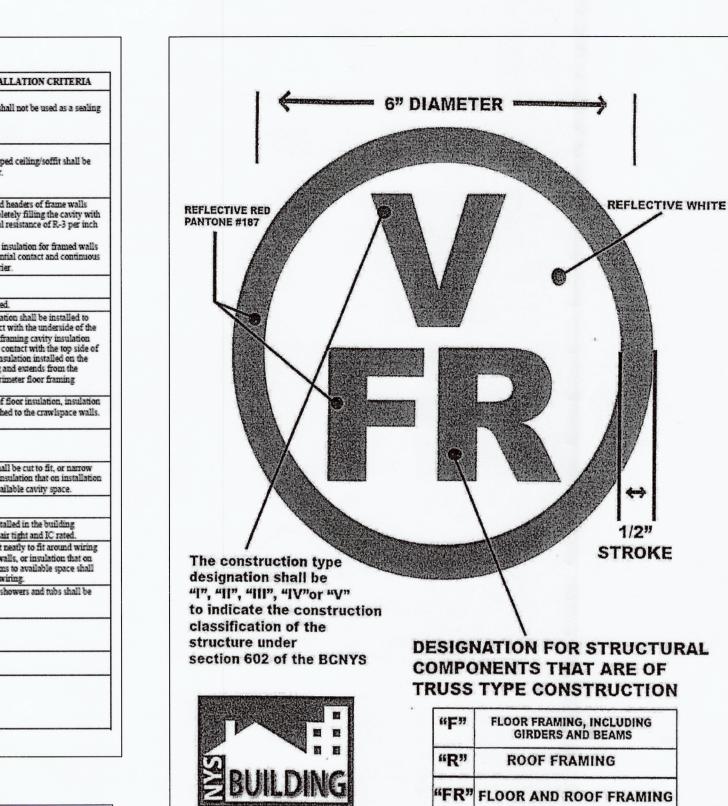
b. Fasteners and connectors exposed to salt water or located within 300 feet of a salt water shoreline shall be stainless steel.

c. Holes for bolts shall be drilled a minimum $1/_{32}$ inch and a maximum $1/_{16}$ inch larger than the bolt.

d. Lag screws ¹/₂ inch and larger shall be predrilled to avoid wood splitting per the National Design Specification (NDS) for Wood Construction.

e. Stainless-steel-driven fasteners shall be in accordance with ASTM F1667.

Table 3.3	Sill Pla Seismi		Fou	ndati	ion C	onne	ction	She	ar Lo	ad fo	r		G	SL	, =	30
	(Dead Lo Ground S					Aver.										-
T	Minimum			SDC A					SDC B	den ester promo de antico de antico			nnana bessina na acatac	SDC C		***************
Foundation	Building			L/W		********			L/W					L/W		
Supporting	Dimension, W (ft)	1	1.5	2	2.5	3	1	1.5	2	2.5 ion Shei	3	1	1.5	2	2.5	3
	12	11	15	19	23	27	21	28	36	44					مددود دود موجع	78
	16	12	16	21	25	30	23	32	41	50	51 59	31 35	43 49	55 62	66 76	89
	20	13	18	24	29	34	26	36	46	56	66	39	54	70	85	100
Roof, Ceiling, &	24	14	20	26	32	38	28	39	51	62	74	42	60	77	94	112
1 Floor	28	16	22	29	35	40	30	43	56	68	77	46	65	85	104	117
	32	17	24	31	385	-	33	47	61	75 ⁸	-	50	71	92	113	-
	36	18	26	34	375	-	35	51	66	723	-	54	77	100	110 ^s	-
	12	19	25	32	39	45	36	49	62	75	88	55	74	94	114	133
	16	21	29	36	44	52	40	55	70	86	101	61	84	107	130	153
Roof, Ceiling, &	20	23	32	41	50	58	45	62	79	96	114	67	94	120	146	172
2 Floors	24	25	35	45	55	65	49	68	88	107	126	74	103	133	162	191
2 PIOOIS	28	27	38	50	61	69	53	75	96	118	133	80	113	146	178	202
	32	30	42	54	66*	-	57	81	105	128		87	123	159	195	-
	36	32	45	58	64*	-	62	87	113	125*	-	93	133	172	189*	-
	12	28	38	47	57	67	54	73	92	111	130	82	110	139	168	197
	16	31	42	54	65	77	60	82	105	127	149	91	125	158	192	226
Roof, Ceiling &	20	34	47	60	74	87	66	92	117	143	168	101	139	178	216	255
3 Floors	24	38	52	67	82	96	73	101	130	159	187	110	154	197	240	284
SPIOOTS	28	41	57	74	90	102	79	111	143	175	197	120	168	216	265	299
	32 36	44	62 67	80 87	98 [°] 95°	-	86 92	121 130	156 168	191 ³ 185 ³	-	130 139	183 197	236 255	289 ⁵ 281 ³	-
Frankation	Minimum			SDC D)				SDC D					SDC D2	!	
Foundation	Building Dimension, W	*	4.5	L/W	A F	~		4.5	L/W		-		* *	L/W		~
Supporting	(ft)	1	1.5	2	2.5	3 Founda		1.5	2	2.5 ion She	3	1	1.5	2	2.5	3
	12	42	58	73	89	104	52	71	91	110 110	129	73	101	128	155	182
	16	47	65	83	101	119	58	81	103	125	148	82	114	145	177	209
	20	52	72	93	114	134	64	90	115	141	167	91	127	163	199	235
Roof, Ceiling, &	24	57	80	103	126	150	70	99	128	157	185	99	140	180	221	261
1 Floor	28	62	88	113	139	157	77	108	140	172	195	108	153	198	243	275
	32	67	95	123	152 ^s	-	83	118	153	188 ⁵	-	117	166	215	265*	-
	36	72	103	133	147*	-	89	127	165	182	-	125	179	233	257	-
	12	73	100	126	152	178	91	123	156	188	221	128	174	220	266	312
	16	82	112	143	174	204	101	139	177	215	253	143	196	250	303	357
Roof, Ceiling, &	20	90	125	160	195	230	112	155	199	242	285	158	219	280	341	402
2 Floors	24	99	138	178	217	257	123	171	220	269	318	173	242	310	379	448
	28	108	151	195	239	270	133	188	242	296	335	188	264	341	417	472
	32	116	164	213	261	-	144	204	263	323	-	203	287	371	455	-
	36	125	178	230	253		155	220	285	314	-	218	310	402	442*	*
	12	109	148	187	225	264	135	183	231	279	327	191	258	326	393	461
	16	122	167	212	257	303	151	207	263	319	375	213	292	371	450	528
Roof, Ceiling &	20	135	187	238	290	341	167	231	295	359	423	236	326	416	506	596
	24	148	206	264	322	380	183	255	327	399	471	258	360	461	563	664
3 Floors	19.00															
3 Floors	28 32	161 174	225 245	290 316	355 387 ³	401	199 215	279 303	359 391	439 479 ⁵	496	281 303	394 428	506 552	619 675 [°]	700





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TABLE N1102.1.2 (R402.1.2) INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT^a

CLIMATE ZONE	FENESTRATION U-FACTOR ^b	SKYLIGHT ^D U-FACTOR	ILENESIKATION	CEILING R-VALUE	WOOD FRAME WALL <i>R</i> -VALUE	MASS WALL <i>R</i> -VALUE ^I	FLOOR <i>R</i> -VALUE	1	R-VALUE & DEPTH	1 18/8 1 1
1	NR	0.75	0.25	30	13	3/4	13	0	0	0
2	0.40	0.65	0.25	38	13	4/6	13	0	0	0
3	0.35	0.55	0.25	38	20 or 13 + 5 ^h	8/13	19	5/13 ^f	0	5/13
4 except Marine	0.35	0.55	0.40	49	20 or 13 + 5 ^h	8/13	19	10 /13	10, 2 ft	10/13
5 and Marine 4	0.32	0.55	NR	49	20 or 13 + 5 ^h	13/17	30 ⁰	15/19	10, 2 ft	15/19
6	0.32	0.55	NR	49	20 + 5 or 13 + 10 ^h	15/20	30 ^g	15/19	10, 4 ft	15/19
7 and 8	0.32	0.55	NR	49	20 + 5 or 13 + 10 ^h	19/21	38 ⁹	15/19	10, 4 ft	15/19

For SI: 1 foot = 304.8 mm.

a. R-values are minimums. U-factors and SHGC are maximums. When insulation is installed in a cavity which is less than the label or design thickness of the insulation, the installed R-value of the insulation shall not be less than the R-value specified in the table. b. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration. Exception: Skylights may be excluded from glazed fenestration SHGC requirements in Climate Zones 1 through 3 where the SHGC for such skylights

does not exceed 0.30. c. "15/19" means R-15 continuous insulation on the interior or exterior of the home or R-19 cavity insulation at the interior of the basement wall. "15/19" shall be permitted to be met with R-13 cavity insulation on the interior of the basement wall plus R-5 continuous insulation on the interior or exterior of the home. *10/13" means R-10 continuous insulation on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement wall. d. R-5 shall be added to the required slab edge R-values for heated slabs. Insulation depth shall be the depth of the footing or 2 feet, whichever is less in Zones 1 through 3 for heated slabs.

e. There are no SHGC requirements in the Marine Zone.

f. Basement wall insulation is not required in warm-humid locations as defined by Figure N1101.10 and Table N1101.10. g. Or insulation sufficient to fill the framing cavity, R-19 minimum.

h. The first value is cavity insulation, the second value is continuous insulation, so "13+5" means R-13 cavity insulation plus R-5 continuous insulation. i. The second R-value applies when more than half the insulation is on the interior of the mass wall.

N1102.1.4 (R402.1.4) U-factor Alternative

An assembly with a U-factor equal to or less than that specified in Table N1102.1.4 shall be permitted as an alternative to the *R*-value in Table N1102.1.2.

[NY] TABLE N1102.1.4 (R402.1.4)

		r	EQUIVALE	NT U-FA
CLIMATE ZONE	FENESTRATION U-FACTOR	SKYLIGHT <i>U</i> - FACTOR	CEILING <i>U-</i> FACTOR	FRAM WALL <i>U</i> - FACTO
4	0.32	0.55	0.026	0.060
5	0.30	0.55	0.026	0.060
6	0.30	0.55	0.026	0.045

a. Nonfenestration U-factors shall be obtained from measurement, calculation or an approved source.

b. Mass walls shall be in accordance with Section N1102.2.5 (R402.2.5). Where more than half the insulation is on the interior, the mass wall U-factors shall not exceed 0.087 in Climate Zone 4 except Marine, 0.065 in Climate Zone 5 and Marine 4, and 0.057 in Climate Zone 6.

c. In warm-humid locations as defined by Figure N1101.7 and Table N1101.7, the basement wall U-factor shall not exceed 0.360.

MINIMUM SPECIFIED

TYPE OR LOCATION OF CONCRETE CONSTRUCT

Basement walls, foundations and other concrete not exposed to Basement slabs and interior slabs on grade, except garage floor Basement walls, foundation walls, exterior walls and other vertica work exposed to the weather

Porches, carport slabs and steps exposed to the weather, and ga slabs

For SI: 1 pound per square inch = 6.895 kPa.

a. Strength at 28 days psi.

b. See Table R301.2(1) for weathering potential.

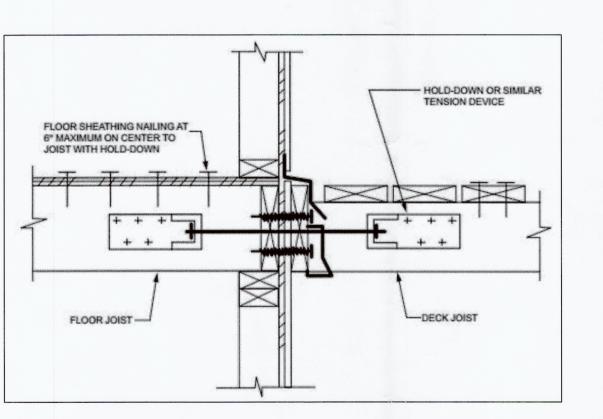
c. Concrete in these locations that is subject to freezing and thawing during construction shall be air-entrained concrete in accordance with Footnote d. d. Concrete shall be air-entrained. Total air content (percent by volume of concrete) shall be not less than 5 percent or more than 7 percent.

e. See Section R402.2 for maximum cementitious materials content.

f. For garage floors with a steel-troweled finish, reduction of the total air content (percent by volume of concrete) to not less than 3 percent is permitted if the specified compressive strength of the concrete is increased to not less than 4,000 psi.

CLASS OF MATERIAL	LOAD-BEARING PRESSURE (pounds per square foot)	
Crystalline bedrock	12,000	
Sedimentary and foliated rock	4,000	
Sandy gravel and/or gravel (GW and GP)	3,000	
Sand, silty sand, clayey sand, silty gravel and clayey gravel (SW, SP, SM, SC, GM and GC)	2,000	
Clay, sandy, silty clay, clayey silt, silt and sandy siltclay (CL, ML, MH and CH)	1,500 ^b	

b. Where the building official determines that in-place soils with an allowable bearing capacity of less than 1,500 psf are likely to be present at the site, the allowable bearing capacity shall be determined by a soils investigation.



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ACTORS^a CRAWL MASS FLOOR BASEMENT SPACE WALL WALL WALL U-U-FACTOR U-FACTOR FACTOR FACTOR 0.047 0.059 0.065 0.098

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	MINIMUM SPECIF	IED COMPRESSIVE	STRENGTH ^a (f _c)				
ICTION	Weathering Potential ^b						
	Negligible	Moderate	Severe				
the weather	2,500	2,500	2,500°				
or slabs	2,500	2,500	2,500 ^c				
al concrete	2,500	3,000 ^d	3,000 ^d				
garage floor	2,500	3,000 ^{d, e, f}	3,500 ^{d, e, f}				

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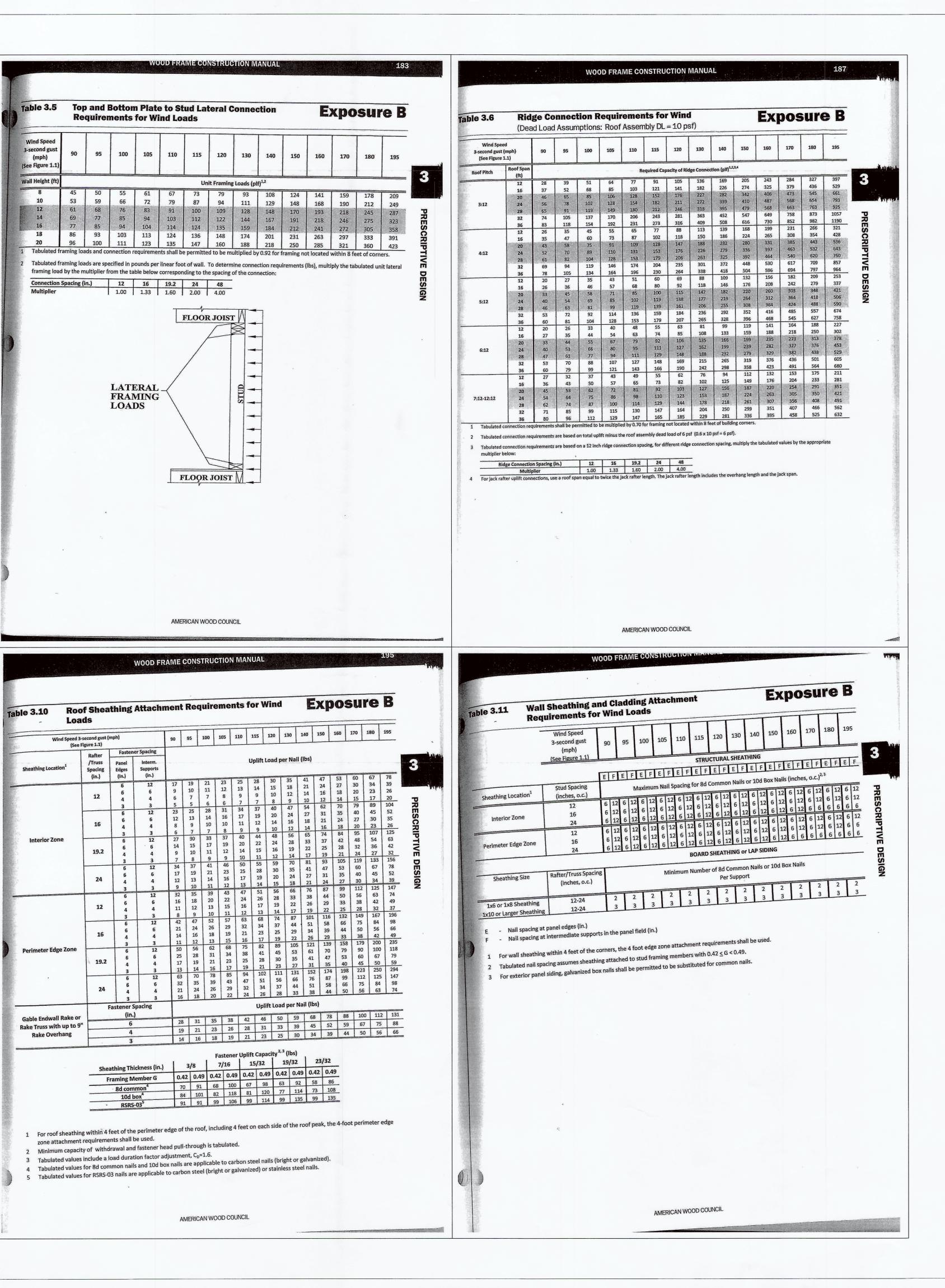
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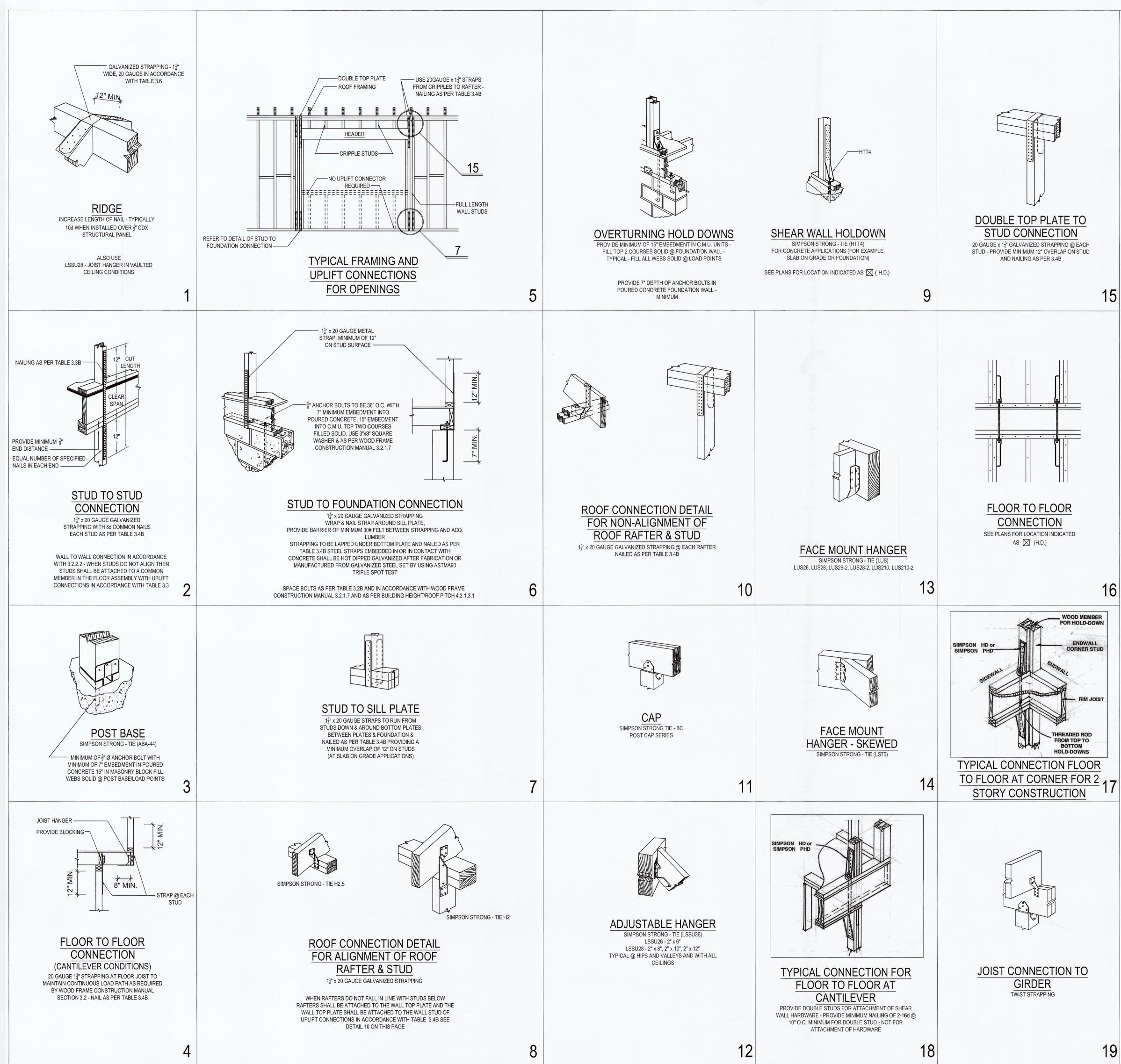
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INSTRUCTIONS FOR THE INSTALLER

A. ALL SPECIFIED FASTENERS MUST BE INSTALLED ACCORDING TO THE INSTRUCTIONS IN THE SIMPSON (WOOD CONSTRUCTION CATALOG - C - 2003). INCORRECT FASTENER QUANTITY, SIZE, TYPE, MATERIAL, OR FINISH MAY CAUSE THE CONNECTION TO FAIL.

- B. BOLT HOLES SHALL BE AT LEAST A MINIMUM OF $\frac{1}{2}$ " AND NO MORE THAN A MAXIMUM OF $\frac{1}{2}$ " LARGER THAN THE BOLTED DIAMETER (PER THE 1997 NDS, SECTION 8.1.2.1.).
- C. INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE THE CONNECTION.

D. USE PROPER SAFETY EQUIPMENT.

- E. WELDING GALVANIZED STEEL MAY PRODUCE HARMFUL FUMES, FOLLOW PROPER WELDING PROCEDURES AND SAFETY PRECAUTIONS. WELDING SHOULD BE IN ACCORDANCE WITH A.W.S STANDARDS.
- F. PNEUMATIC OR POWDER- ACTUATED FASTENERS MAY DEFLECT AND INJURE THE OPERATOR OR OTHERS. NAIL TOOLS MAY BE USED TO INSTALL CONNECTORS, PROVIDED THE CORRECT QUANTITY AND TYPE OF NAILS ARE PROPERLY INSTALLED IN THE NAIL HOLES. TOOLS WITH NAIL HOLE- LOCATING MECHANISMS SHOULD BE USED. FOLLOW THE MANUFACTURER'S INSTRUCTIONS AND USE THE APPROPRIATE SAFETY EQUIPMENT.
- G. JOISTS SHALL BEAR COMPLETELY ON THE CONNECTOR SEAT, AND THE GAP BETWEEN THE JOIST END AND THE HEADER SHALL NOT EXCEED $\frac{1}{8}$ " PER ASTM TEST STANDARDS.
- H. FOR HOLDOWNS, ANCHOR BOLT NUTS SHOULD BE FINGER-TIGHT PLUS ½ TO ½ TURN WITH A WRENCH, WITH CONSIDERATION GIVEN TO POSSIBLE FUTURE WOOD SHRINKAGE. CARE SHOULD BE TAKEN TO NOT OVER-TORQUE THE NUT.
- I. PROVIDE NAILING FOR STRAPPING AS PER TABLE 3.4B WOOD FRAME CONSTRUCTION MANUAL 3" 10d OR 1¹/₂" 8d MINIMUM

Table 3.4A	S	after an hear Cor Prescriptive	nnectio	on Requ	uiremen		te Late	eral and	1	Exp	osu	re B
700-yr. Wind Speed 3-second gust (mph)		110	115	120	130	140	150	160	170	180	195	
Rafter/Ceilin	Rafter/Ceiling Joist Spacing (in.) Wall Height (ft.)			Requi						Toenailed) e Connecti	on ^{1,2,3,4}	
12		8	2	2	2	2	3	3	3	3	3	3
	12	10	2	2	2	2	3	3	3	3	3	3
16	16	8	2	2	2	3	3	3	3	3	3	3
10		10	2	2	2	3	3	3	3	3	3	4
24		8	3	3	3	4	5	5	5	5	5	5
24		10	3	3	3	4	5	5	5	5	5	6
1 Pr	escriptiv	e limits are b	ased on a	assumption	ns in Table :	3.4.						
		ng joists are ted number o			rafters, the	sum of t	he toenails	in the raf	ter and c	eiling joist s	hall equal	or exceed
		olitting, no m or 3 toenails i						f a rafter (or ceiling	joist when t	fastened to	o a 2x4
4 W	here top	plate-to-rid	ge height	s exceed 1	0', they sha	ll be adju	sted as fol	lows:				
		Wall H	eight	8'	10'							
		Top Plate Heigh	-	Adjustm	ent Factor							

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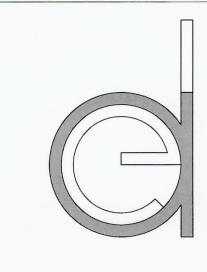
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Table 3.5A Top and Bottom Plate to Stud Lateral Connections for Wind Loads Ex (Prescriptive Alternative to Table 3.5)								Exp	Exposure B		
	r. Wind Speed nd gust (mph)	110	115	120	130	140	150	160	170	180	195
Stud Spacing (in.)	Wall Height (ft)	Req	uired Nun	iber of 16	d Commor	Nails or 4	Od Box N	ails per Stu	ud to Plate	Connectio	on ^{1,2}
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	10	2	2	2	2	2	2	2	2	2	2
	12	2	2	2	2	2	2	2	2	2	2
12	14	2	2	2	2	2	2	2	2	2	3
	16	2	2	2	2	2	2	2	2	2	3
	18	2	2	2	2	2	2	2	2	3	3
	20	2	2	2	2	2	2	2	3	3	3
	8	2	2	2	2	2	2	2	2	2	2
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	16	2	2	2	2	2	2	3	3	3	4
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2 Tabulated framing loads and connection requirements shall be permitted to be multiplied by 0.92 for framing not located within 8 feet of corners.

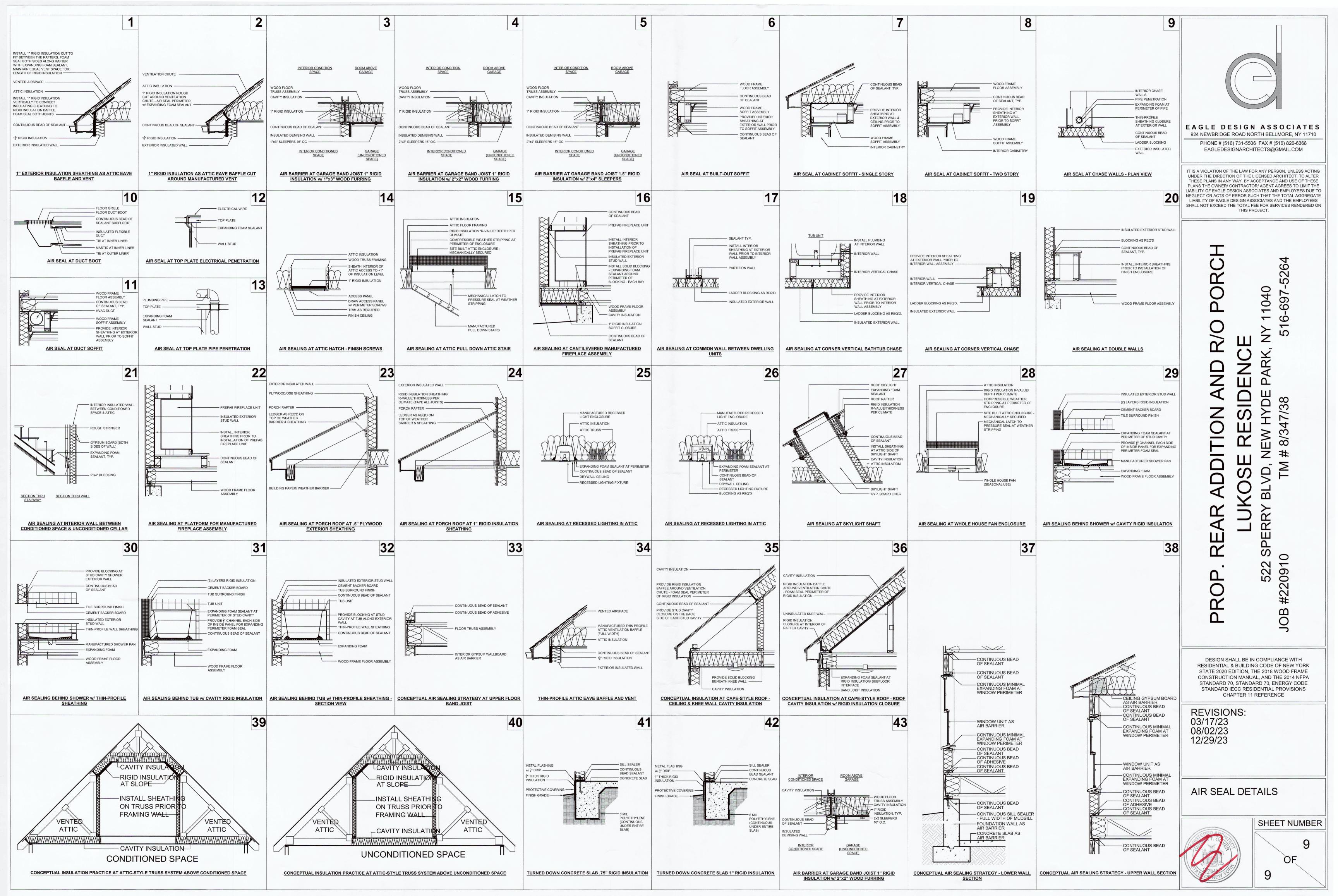
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			Re	equired Cap	bacity of Ri	dge Connec	tion (plf) ^{1,1}	2,3,4		
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16	87	102	118	150	186	224	265	308	354	42
20	109	128	147	188	232	280	331	385	443	53
24	131	153	176	226	279	336	397	463	532	643
28	153	179	206	263	325	392	464	540	620	750
32	174	204	235	301	372	448	530	617	709	85
36	196	230	264	338	418	504	596	694	797	96
12	51	60	69	88	109	132	156	182	209	25
16	68	80	92	118	146	176	208	242	279	33
20	85	100	115	147	182	220	260	303	348	42
24	102	119	138	177	219	264	312	364	418	50
28	119	139	161	206	255	308	364	424	488	590
32	136	159	184	236	292	352	416	485	557	674
36	153	179	207	265	328	396	468	545	627	75
12	48	55	63	81	99	119	141	164	188	22
16	63	74	85	108	133	159	188	218	250	30
20	79	92	106	135	166	199	235	273	313	37
24	95	111	127	162	199	239	282	327	376	45
28	111	129	148	188	232	279	329	382	438	52
32	127	148	169	215	265	319	376	436	501	60
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EAGLE DESIGN ASSOCIATES 924 NEWBRIDGE ROAD NORTH BELLMORE, NY 11710 PHONE # (516) 731-5506 FAX # (516) 826-6368 EAGLEDESIGNARCHITECTS@GMAIL.COM

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE LICENSED ARCHITECT, TO ALTER THESE PLANS IN ANY WAY. BY ACCEPTANCE AND USE OF THESE PLANS THE OWNER/ CONTRACTOR/ AGENT AGREES TO LIMIT THE LIABILITY OF EAGLE DESIGN ASSOCIATES AND EMPLOYEES DUE TO NEGLECT OR ACTS OF ERROR SUCH THAT THE TOTAL AGGREGATE LIABILITY OF EAGLE DESIGN ASSOCIATES AND THE EMPLOYEES SHALL NOT EXCEED THE TOTAL FEE FOR SERVICES RENDERED ON THIS PROJECT.

 \mathbf{O} N R 10 0 C 6 Ċ Ω C Ŷ 1 Ζ Δ \square 0 Z 2 S m Ŷ Ш Ц Ш С Δ S 0 2 -#2209 PROP 2 5 JOB DESIGN SHALL BE IN COMPLIANCE WITH **RESIDENTIAL & BUILDING CODE OF NEW YORK** STATE 2020 EDITION, THE 2018 WOOD FRAME CONSTRUCTION MANUAL, AND THE 2014 NFPA STANDARD 70, STANDARD 70, ENERGY CODE STANDARD IECC RESIDENTIAL PROVISIONS CHAPTER 11 REFERENCE **REVISIONS:** 03/17/23 08/02/23 12/29/23 CONNECTION DETAILS SHEET NUMBER 9





	DESIG	N SPECIFICATIONS
	N	/S Building Code 2020
ASCE	7-16	Minimum Design Loads for Buildings & Other Structures
ACI	318-14	Building Code Requirements for Structural Concrete
ANSI/AISC	360-16	Specification for Stuctural Steel Buildings
	D	ESIGN LOADS
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GENERAL:

- 1. ALL MATERIALS AND WORK SHALL CONFORM TO THE REQUIREMENTS OF THE APPLICABLE INTERNATIONAL BUILDING CODE (IBC).
- 2. CONSTRUCTION METHODS AND PROJECT SAFETY: DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE METHODS, PROCEDURES, OR SEQUENCE OF CONSTRUCTION. TAKE NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE DURING CONSTRUCTION. THE EOR WILL NOT ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND **REGULATIONS**
- 3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS PRIOR TO THE START OF CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES THAT ARE FOUND. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS
- 4. ALL OMISSIONS AND/OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND FIELD INSPECTOR. THE ENGINEER SHALL PROVIDE A SOLUTION PRIOR TO PROCEEDING WITH ANY WORK AFFECTED BY THE CONFLICT OR OMISSION
- 5. WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF THE WORK, CONSTRUCT IN ACCORDANCE WITH THE STEEL CONSTRUCTION MANUAL, 14TH EDITION OR 2010 ALUMINUM DESIGN ΜΑΝΠΑΙ
- 6. WHEN A DETAIL IS IDENTIFIED AS TYPICAL, THE CONTRACTOR IS TO APPLY THIS DETAIL IN ESTIMATING AND CONSTRUCTION TO EVERY LIKE CONDITION WHETHER OR NOT THE REFERENCE IS REPEATED IN EVERY INSTANCE.
- 7. ANY CHANGE TO THE DESIGN AS SHOWN ON THE DRAWINGS REQUIRES PRIOR WRITTEN APPROVAL FROM DESIGN ENGINEER OF RECORD BEFORE CONSTRUCTION.
- 8. WORK PERFORMED IN CONFLICT WITH THE STRUCTURAL DRAWINGS OR APPLICABLE BUILDING CODE REQUIREMENTS SHALL BE CORRECTED AT THE EXPENSE OF THE CONTRACTOR.
- 9. VERIFICATION: VERIFY ALL DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS BEFORE STARTING WORK. NOTIFY THE EOR IMMEDIATELY OF ANY DISCREPANCIES.

EXISTING CONDITIONS:

- 1. IF EXISTING CONDITIONS ARE NOT AS DETAILED IN THIS DESIGN, THE INSTALLER SHALL CEASE WORK AND NOTIFY MURDOCH ENGINEERING IMMEDIATELY.
- 2. MURDOCH ENGINEERING WILL NOT BE PERFORMING ON-SITE INSPECTIONS OR VERIFICATIONS. IT IS THE RESPONSIBILITY OF THE INSTALLER, STRUCTURE OWNER, AND PROPERTY OWNER TO IDENTIFY EXISTING CONDITIONS AND CONTACT MURDOCH ENGINEERING WITH ANY DISCREPANCIES OR CONCERNS.
- 3. INSTALLER SHALL CONFIRM THE DIAMETER AND THICKNESS OF EXISTING MEMBERS AND NOTIFY MURDOCH ENGINEERING OF ANY DISCREPANCIES
- 4. INSTALLER SHALL INSPECT AND CONFIRM THE QUALITY OF EXISTING STRUCTURE AS "IN GOOD REPAIR". IF THERE ARE ANY INDICATIONS THAT THIS IS NOT THE CASE, INSTALLER SHALL CEASE WORK IMMEDIATELY AND NOTIFY MURDOCH ENGINEERING.
- 5. ANY EXISTING INFORMATION SHOWN HAS BEEN FURNISHED BY THE PERSON(S) OR COMPANY THIS DOCUMENT WAS PREPARED FOR

(SEE TITLE BLOCK). MURDOCH ENGINEERING IN NO WAY CERTIFIES THIS INFORMATION AS "AS-BUILT". IF THERE IS ANY REASON TO BELIEVE THE EXISTING CONDITIONS DETAILED HEREIN ARE NOT ACCURATE. MURDOCH ENGINEERING SHALL BE NOTIFIED IMMEDIATELY.

1. STEEL SHAPES SHALL CONFORM TO THE FOLLOWING:

ROUND HSS	ASTM A500, GR B	Fy=42 KSI MIN.
SQUARE/RECT HSS	ASTM A500, GR B	Fy=46 KSI MIN.
THREADED ROD	F1554 GR 55	Fy=55 KSI MIN.
STEEL PLATE STD.	ASTM A36 ASTM	Fy=36 KSI MIN.
PIPE	A53, GR B	Fy=35 KSI MIN.

2. BOLTS SHALL CONFORM TO ASTM A325 UNO.

- 3. BOLTS AND THREADED ROD SHALL BE HOT-DIP GALVANIZED PER ASTM F2329 UNO.
- 4. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 UNO.
- 5. NUTS SHALL CONFORM TO ASTM A563.
- 6. WASHERS SHALL CONFORM TO ASTM F844.
- 7. STEEL HARDWARE SHALL BE HOT-DIP GALVANIZED PER ASTM A153 UNO
- 8. WELDING:
- a. WELD STRUCTURAL STEEL IN COMPLIANCE WITH ANSI/AWS D1.1 AND AISC SPECIFICATION, CHAPTER J. WELDERS SHALL BE CERTIFIED AS REQUIRED BY GOVERNING CODE AUTHORITY. WELDING SHALL BE DONE BY ELECTRIC ARC PROCESS USING LOW-HYDROGEN ELECTRODES WITH SPECIFIED TENSILE STRENGTH NOT LESS THAN 70 KSI UNLESS NOTED OTHERWISE.
- b. ALL SHOP AND FIELD WELDS SHALL BE PERFORMED BY AN AWS OR ICC CERTIFIED WELDER WITH ACTIVE STATUS AT TIME OF WELDING
- c. UNLESS A LARGER WELD SIZE IS INDICATED, PROVIDE MINIMUM SIZE WELDS PER AISC SPECIFICATION, SECTION J2, TABLE J2.4
- d. BASE PLATES SHALL BE WELDED ON TOP AND BOTTOM WITH CONTINUOUS WELDS OF AT LEAST 1/4" (IF PLATE IS CUT TO FIT TUBE INTO PLATE)

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ALUMINUM:

- 1. FABRICATE AND ERECT ALUMINUM IN COMPLIANCE WITH THE ALUMINUM ASSOCIATION (AA) 2010 ALUMINUM DESIGN MANUAL (ADM) 1, THE SPECIFICATIONS FOR ALUMINUM SHEET METAL WORK (ASM35), AND IBC CHAPTER 20.
- 2. PIPE AND TUBE SHALL BE 6061-T6 PER ASTM B241 OR B429 WITH Ftu=38 KSI MIN, Fty=35 KSI MIN, Ftuw=24 KSI MIN. Ftvw=15 KSI MIN.
- 3. STD STRUCTURAL PROFILES SHALL BE 6061-T6 PER B308 WITH Ftu=38 KSI MIN, Fty=35 KSI MIN, Ftuw=24 KSI MIN, Ftyw=15 KSI MIN.
- 4. SHEET AND PLATE SHALL BE 6061-T6 PER ASTM B209 WITH Ftu=42 KSI MIN, Fty=35 KSI MIN, Ftuw=24 KSI MIN, Ftyw=15 KSI MIN.
- 5. EXTRUSIONS SHALL BE 6061-T6 PER ASTM B241 OR B429 WITH Ftu=38 KSI MIN, Fty=35 KSI MIN, Ftuw=24 KSI MIN Ftyw=15 KSI MIN
- 6. ALL SHOP AND FIELD WELDS SHALL BE PERFORMED BY AN AWS OR ICC CERTIFIED WELDER WITH CURRENT STATUS AT TIME OF WELDING
- 7. UNLESS A LARGER WELD SIZE IS INDICATED, PROVIDE MINIMUM SIZE WELD PER ADM. ALL ALUMINUM WELDED JOINTS SHALL HAVE WELD SIZES OF AT LEAST ¹₄ INCH
- 8. FILLET WELDS SHALL NOT EXCEED THINNEST MEMBER WALL THICKNESS JOINED.
- 9. ALUMINUM WELD FILLER SHALL BE 5356 ALLOY
- 10. WELDING PROCESS GMAW OR GTAW SHALL BE IN ACCORDANCE WITH AWS D1.2
- 11. ALUMINUM CHANNEL LETTERS SHALL BE CONSTRUCTED OF 0.090" RETURNS AND 0.125" BACKS MINIMUM, UNLESS A LARGER SIZE IS INDICATED ON DRAWINGS. THIS NOTE SHALL SUPERCEDE DRAWING
- 12. PROVIDE NEOPRENE GASKET BETWEEN DISSIMILAR METALS TO PREVENT GALVANIC CORROSION
- 13. ALUMINUM DIRECTLY EMBEDDED INTO CONCRETE SHALL BE CAPPED AT BOTTOM AND COATED WITH BITUMINOUS COATING OR POLYURETHANE WHERE IN CONTACT WITH CONCRETE.
- 14. FASTENERS BETWEEN DISSIMILAR METALS SHALL BE STAINLESS STEEL 316.

CONCRETE & REINFORCEMENT

- 1. MINIMUM 28-DAY COMPRESSIVE STRENGTH (fc') SHALL BE 3,000 PSI. THE MAXIMUM WATER TO CEMENT RATIO SHALL BE 0.45 BY WEIGHT. A MINIMUM OF 5-3/4 BAGS OF CEMENT SHALL BE USED PER CUBIC YARD WITH A SLUMP OF 4" +/- 1.
- 2. REINFORCEMENT TO BE ASTM A615 GR 60, Fy=60 KSI UNO
- 3. CALCIUM CHLORIDE OR ADDED CHLORIDE IS NOT PERMITTED
- 4. VIBRATION: ALL REINFORCED CONCRETE SHALL BE CONSOLIDATED WITH MECHANICAL VIBRATORS
- 5. CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 318-14
- 6. PROVIDE A MINIMUM OF 2-1/2" COVER OF ALL EMBEDDED STEEL REBAR AND A MINIMUM OF 6 INCHES OF COVER FOR DIRECT BURIED PIPE OR TUBE MEMBERS.

FOUNDATIONS

- 1. CONCRETE POURED INTO CONSTRAINED EARTH EXCAVATIONS MUST CURE UNDER PROPER CONDITIONS FOR A MINIMUM OF 7 DAYS PRIOR TO SIGN BOX INSTALLATION. (EXCEPTION: IF THE OVERALL HEIGHT OF THE SIGN IS LESS THAN 20 FEET AND THE SIGN IS ADEQUATELY BRACED AGAINST WIND LOADS FOR A MINIMUM OF 4 DAYS, THE BOX MAY BE INSTALLED THE SAME DAY AS THE FOOTING IS POURED)
- 2. FOOTINGS MUST BE POURED AGAINST UNDISTURBED EARTH. SOIL BACKFILL IS UNACCEPTABLE. WHEN A SONOTUBE IS USED AS THE FORM, 3/4" BLUESTONE OR CONCRETE SHALL BE USED TO BACKFILL THE SPACE BETWEEN THE SONOTUBE AND UNDISTURBED EARTH.
- 3. COLD WEATHER PLACEMENT: PROTECT CONCRETE WORK FROM PHYSICAL DAMAGE OR REDUCED STRENGTH THAT COULD BE CAUSED BY FROST, FREEZING ACTIONS OR LOW TEMPERATURES. DO NOT POUR CONCRETE DURING OR WHEN FREEZING TEMPERATURES ARE ANTICIPATED WITHIN 3 DAYS OF POUR.
- 4. REINFORCEMENT IS NOT REQUIRED FOR DIRECT BURIAL TYPE SIGN FOOTINGS FOR SIGNS OF 25 FEET OVERALL HEIGHT OR LESS, DIRECT BURIED STEEL SHALL EXTEND TO 6 INCHES FROM BOTTOM OF FOOTING.
- 5. FOR ANCHOR BOLT/ BASE PLATE SQUARE FOOTINGS, PROVIDE A MINIMUM OF #5 VERTICAL REBAR @ 12" O.C., 4" OFFSET FROM PERIMETER, TOP AND BOTTOM OF FOOTING. PROVIDE #3 HORIZONTAL TIES @ 12" O.C. UNLESS OTHERWISE NOTED.
- 6. FOR ANCHOR BOLT/ BASE PLATE ROUND FOOTINGS, PROVIDE A MINIMUM OF SIX (6) VERTICAL #5 REBARS, EVENLY SPACED, 4" OFFSET FROM FOOTING PERIMETER & #3 HORIZONTAL TIES, 12" O.C. Unless otherwise noted.
- 7. ANCHOR BOLTS SHALL BE TIED TO REBAR CAGE AT A MINIMUM OF TWO LOCATIONS PER ANCHOR BOLT
- 8. FOOTING DESIGN ASSUMES FOOTING SHALL BE EXCAVATED AND POURED IN UNDISTURBED NATURAL EARTH, CAPABLE OF WITHSTANDING A MINIMUM 1,500 PSF VERTICAL DESIGN BEARING PRESSURE AND 150 PSF/FT OF DEPTH OF LATERAL BEARING PRESSURE BASED ON SOIL DATA OBTAINED FROM THE USGS SOIL SURVEY.
- 9. IF CLAY, SILTY CLAY, ORGANIC OR FILL SOIL IS ENCOUNTERED UPON EXCAVATION, CONTACT MURDOCH ENGINEERING FOR FOOTING DESIGN MODIFICATION PRIOR TO CONSTRUCTION.
- 10. PORTION OF STEEL SUPPORT EMBEDDED INTO CONCRETE SHALL NOT BE PAINTED. IT SHALL BE CLEAN BARE METAL FOR PROPER ADHESION TO CONCRETE

SCOPE OF WORK:

1. LIMITS OF LIABILITY TO EXTEND ONLY TO THE QUANTITY INDICATED. ATTEMPTS IN PART OR IN WHOLE TO INSTALL GREATER QUANTITIES THAN THOSE SPECIFIED WITHOUT CONSULTING MURDOCH ENGINEERING SHALL VOID ALL PROFESSIONAL LIABILITY AND COVERAGE.

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

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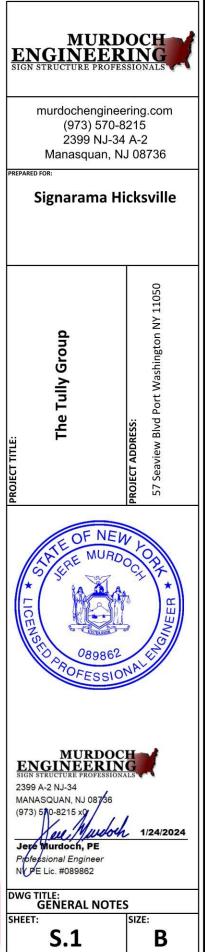
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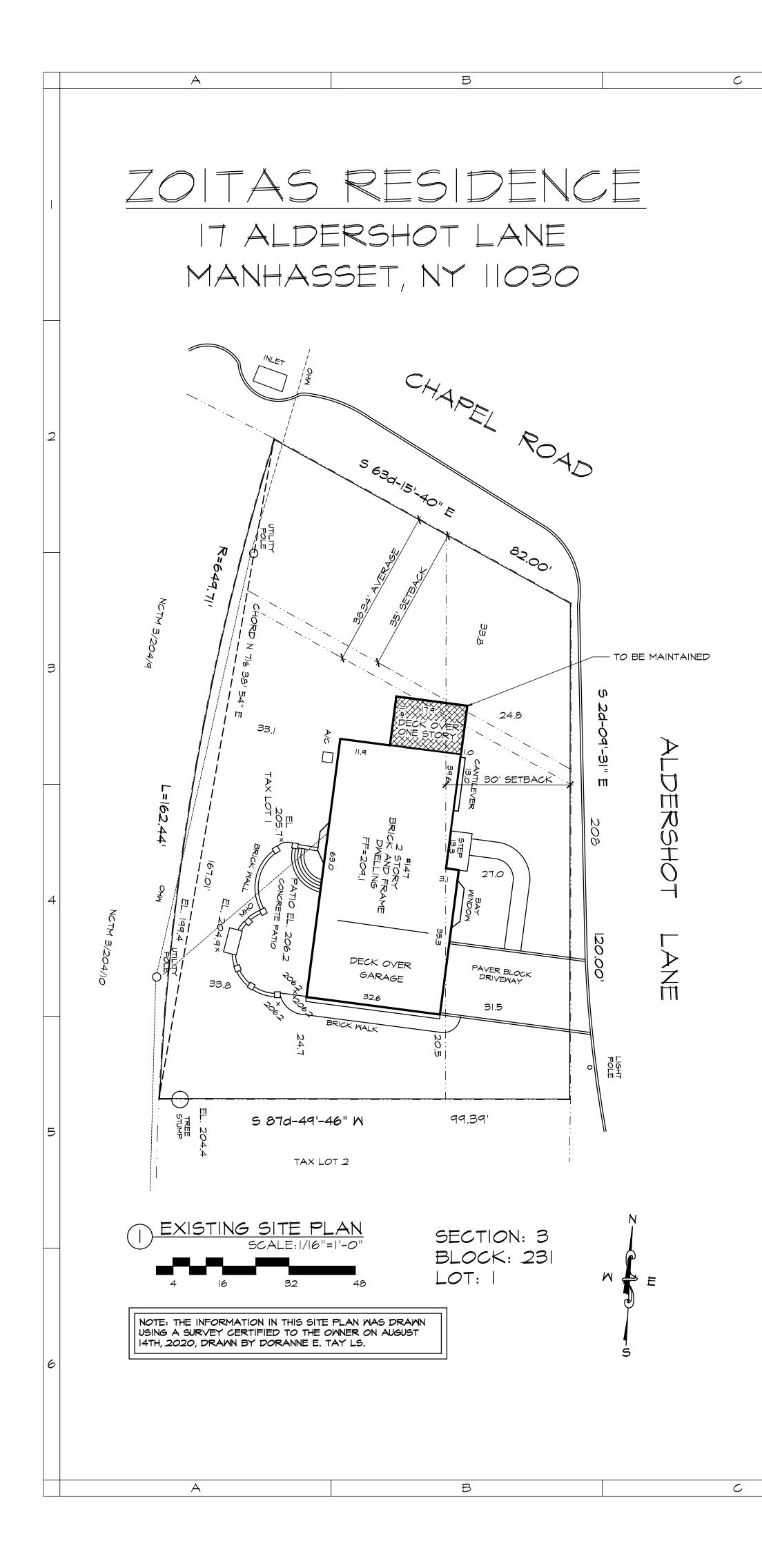
DESIGN	SPECIFICATIONS

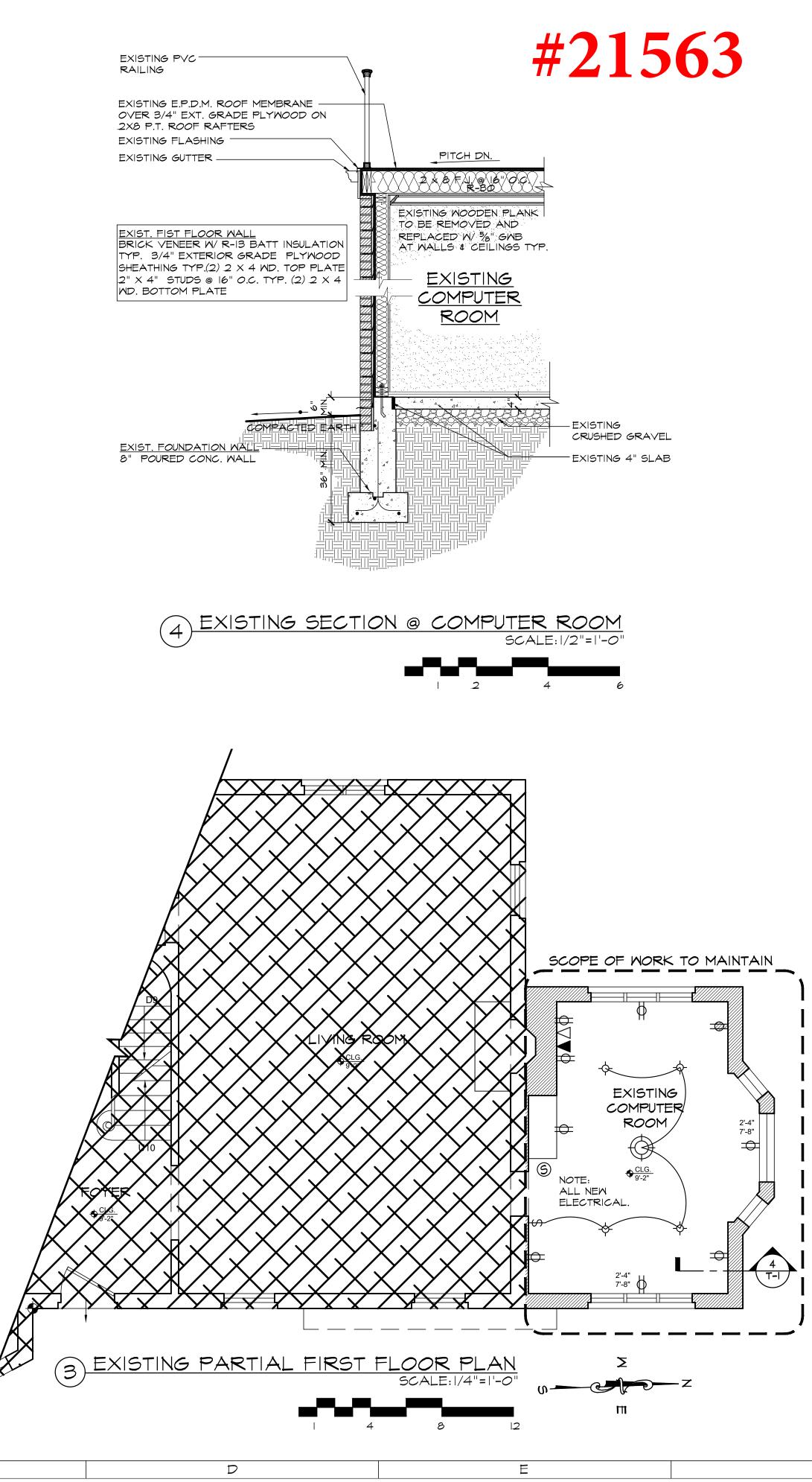
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3-14	Building Code Requirements for Structural Concrete
0-16	Specification for Stuctural Steel Buildings

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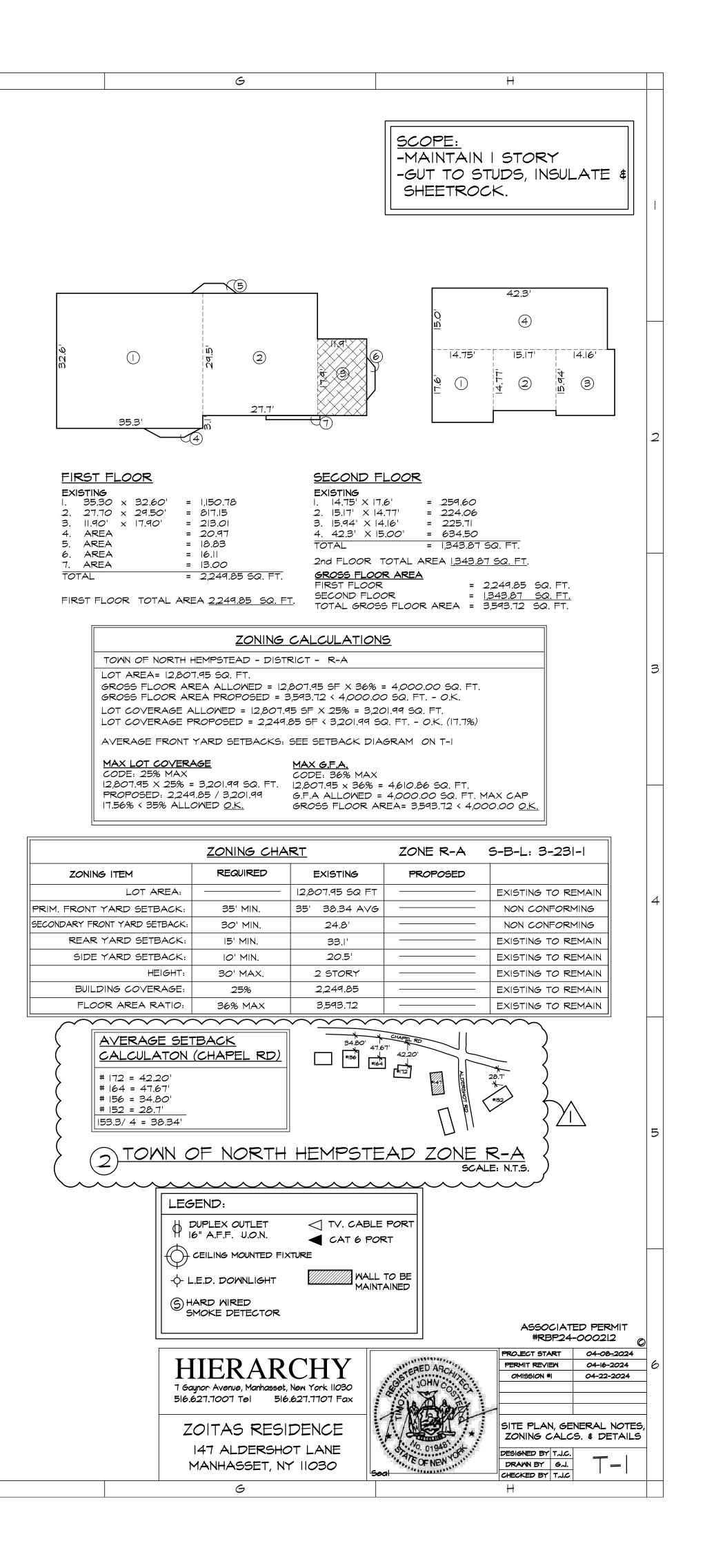


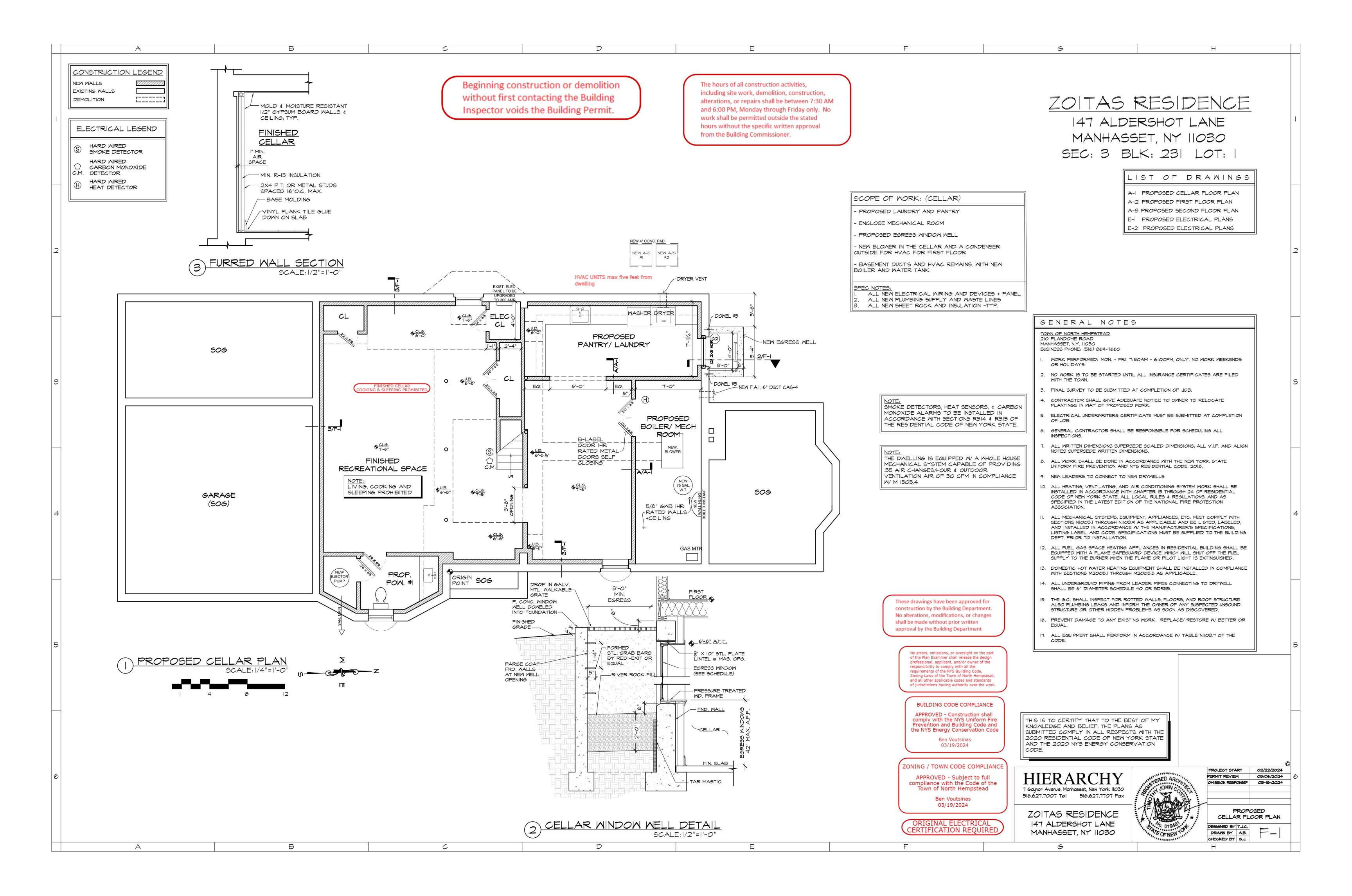


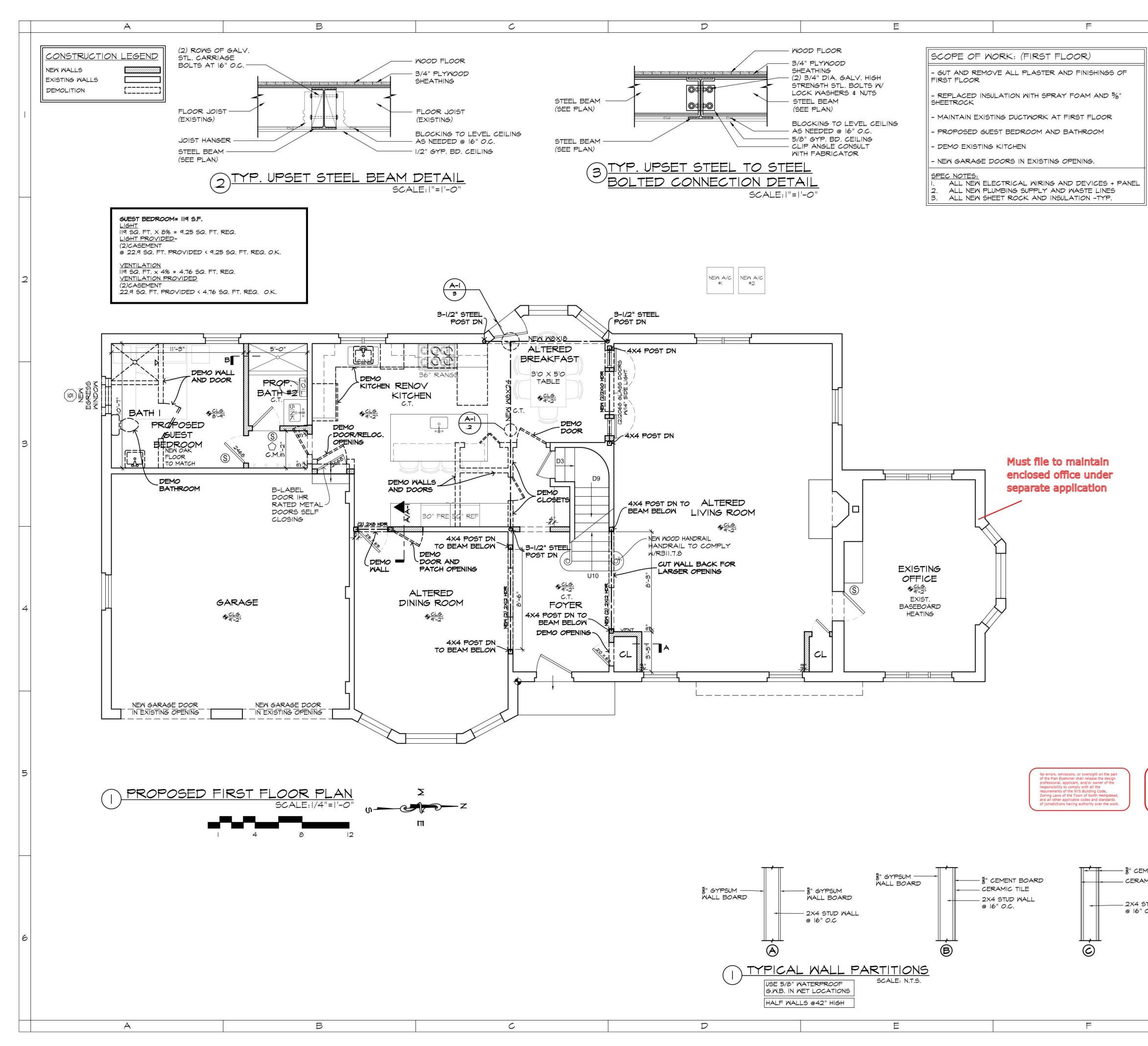


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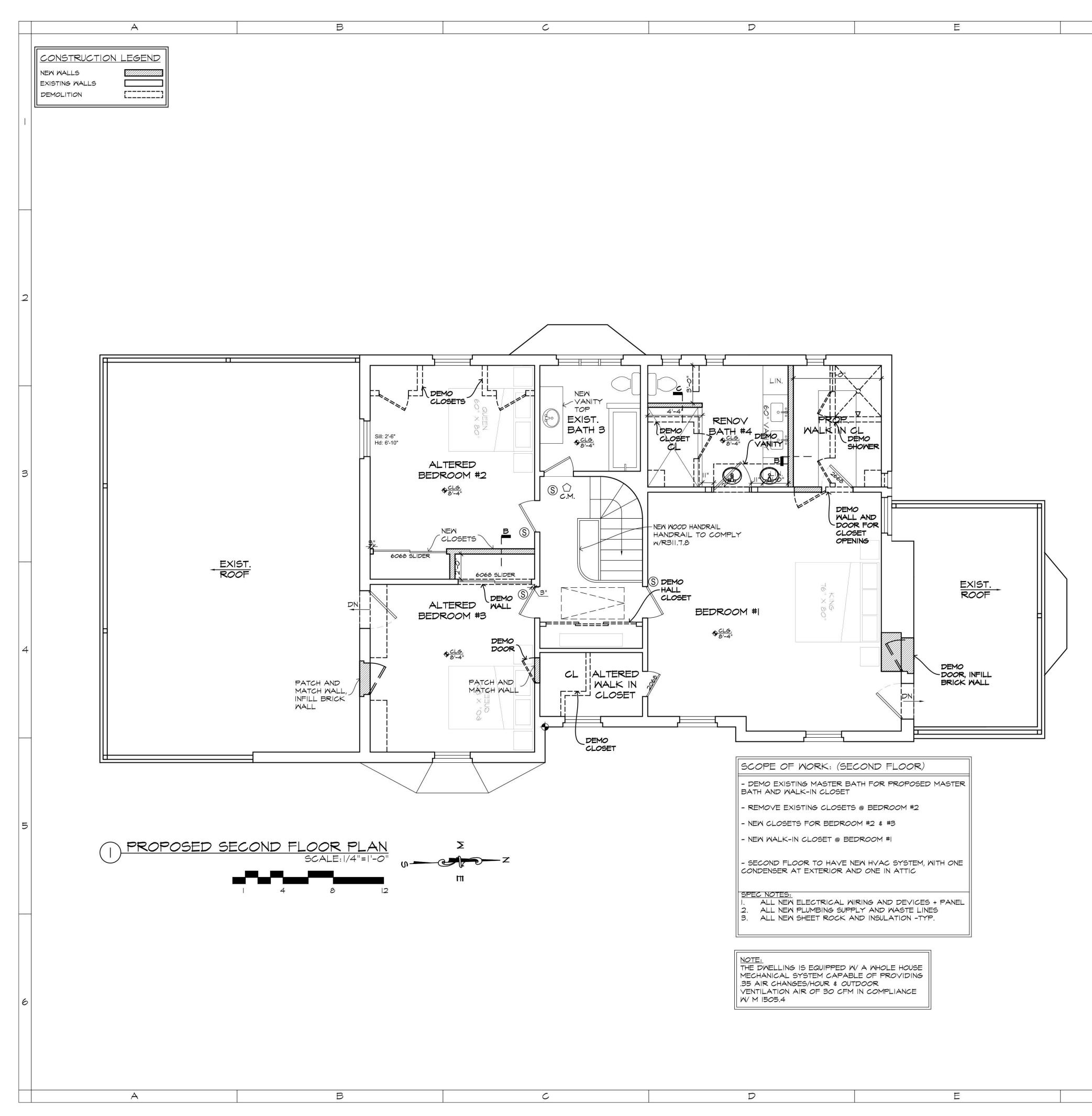
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	FIRS	T FLOOR					
-		C₩I35 ^{♦*}	2'-4-7/8" × 3'-5-5/16"	CASEMENT	L	EGRESS	
-	GECC	ND FLOOT	9				2
	<u>SLUC</u>						
	<u>NOTE:</u> * II	NDICATES CUSTOM	ORDER				
		CONTRACTOR IS TO S/COLOR/FINISHES	O CONFIRM WITH HOME OF	NNER ALL DESIR	RED WINDOW		
			INISHES SHALL BE APPRO	VED BY OWNER	W/ WINDOW REP	,	
			RIOR HARDWARE SHALL I				
	FINISHES	W/ OWNER)					
	GENERAL	CONTRACTOR TO R	REVIEM MINDOM SIZES, LO	CATIONS, TYPE	WITH ARCHITECT	BEFORE ORDERING	
			R307.1 MINIMUM FI		PANCES		
			15" MIN.	ATURE CLEA	RANCES		З
			WATER CLOSET				
	15" MIN.	WALL		MALL	-WALL	15" MIN.,,	
		*	↓				
			<u>الا</u>	30" , MIN.			
	ې چې	21" MIN. 21" MIN. 21" MIN.			24" MIN.	Ц щ Ц	
	21" MIN			- - '			
					OF OPENI		
	NOTE:						4
	THE DWE	ELLING IS EQUIPPED ICAL SYSTEM CAPA			BATHRO	OM NOTE TYP:	
	VENTILA	CHANGES/HOUR & OL TION AIR OF 30 CF				MECHANICAL CAPACITY OF 50	
	W/ M 150	05.4			~~ ^~ 가슴옷을 많는 것 ~ ^~ 가슴~ ~ 가슴? ~ 가슴? ~ 가슴?	MITTENT OR 20 INUOUS AS PER	
	NOTE:				TABLE MI5	Galantidamores mula undi	
	MONOXI	DE ALARMS TO BE I			CLEARANC		
		DANCE WITH SECTION DENTIAL CODE OF			R307.1	15 TO COMPLY W/	
						TURE RESISTANT	
\sim	These drawin	gs have been approved fo		OVED			5
	construction l	by the Building Departments, modifications, or change	it.				
	shall be made	without prior written he Building Department	Ben vo	utsinas /2024			
	арргочагру ц	te building Department		/2024			
MIC -	BOARD TILE						
O.C.	MALL						
		[PR	2.ECT START 02/22/2024	© 4
		HIF	RARCHY	IN TEAED	ARO	MIT REVIEW 03/06/202 SSION RESPONSE* 03-18-202	4 6
			venue, Manhasset, New York 11030	O HIGH JOH	N COS CO		
			AS RESIDENCE		*	PROPOSED FIRST FLOOR PLAN	
		10767 (C13) 10761 (12	LDERSHOT LANE HASSET, NY 11030	STATE	····	RAMN BY AB.	
			G	Children of	NET	ECKED BY G.J.	<u> </u>
	1		~	1	П		1

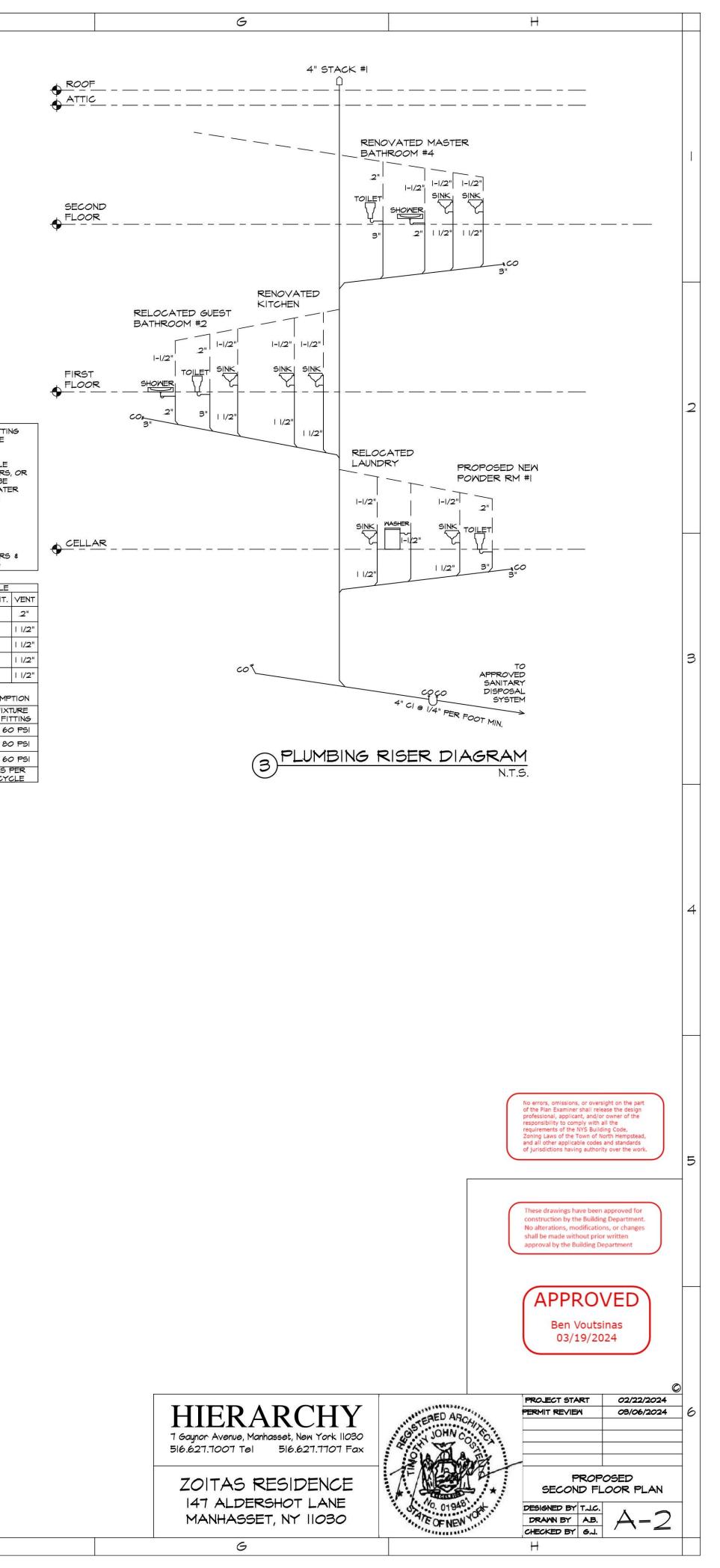


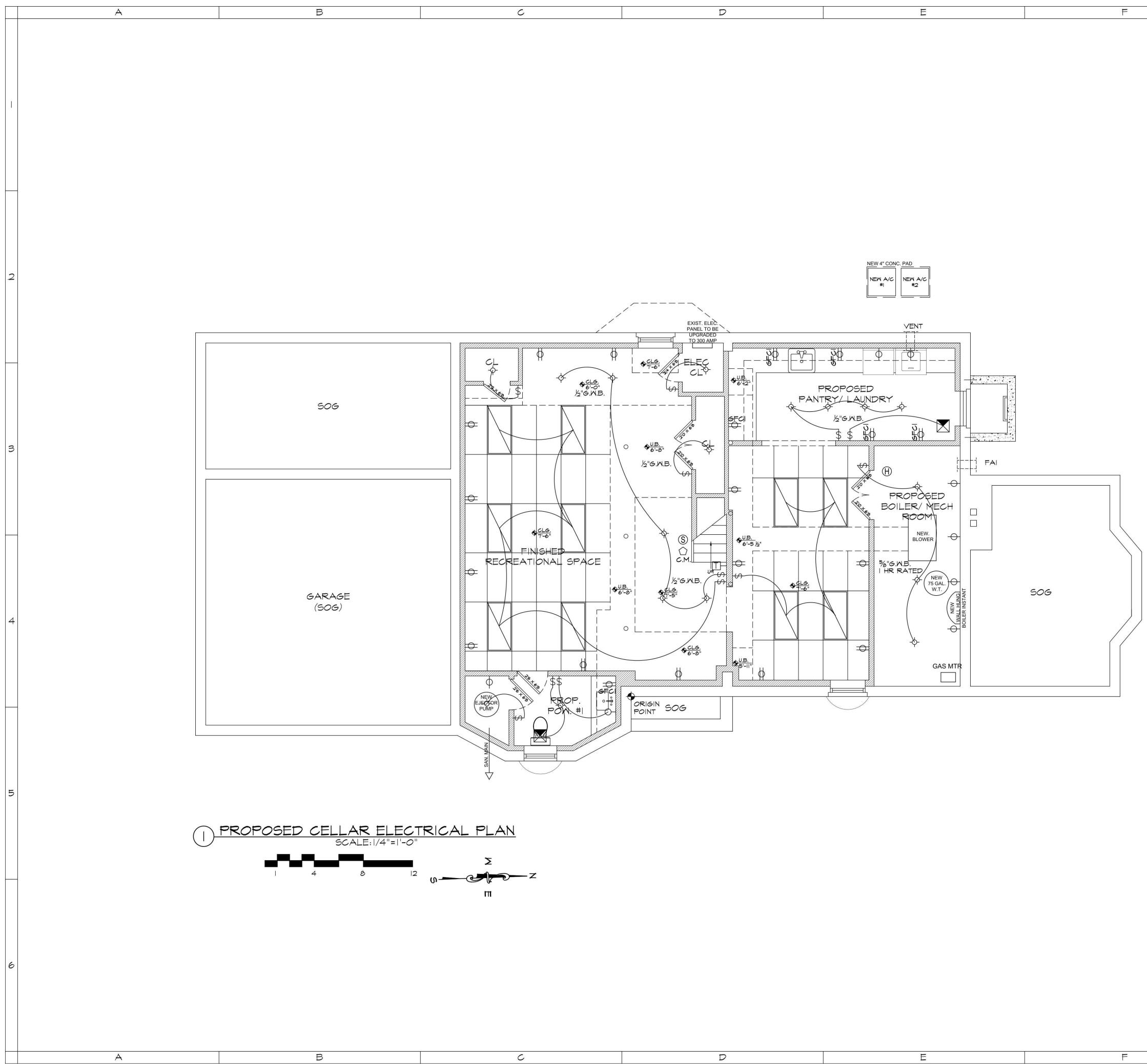
ALL DRAIN, WASTE, VENT PIPE, & FITTING MATERIALS SHALL COMPLY WITH THE RESIDENTIAL CODE TABLE P3002.1 ALL CONNECTIONS BETWEEN POTABLE WATER & BOILERS, HEAT EXCHANGERS, OR LAWN IRRIGATION SYSTEMS SHALL BE SEPARATED FROM THE POTABLE WATER CONNECTION IN CONFORMANCE WITH P2902.5.1 THROUGH P2902.5.2

TEST ENTIRE PLUMBING SYSTEM TO COMPLY WITH SECTION P2503

PROVIDE AIR GAP OR BACK FLOW PREVENTION DEVICE AT DISHWASHERS & AIR BREAKS AT WASHING MACHINES

FIX	TURE C	CONNEC	TION SC	HEDULE
FIXTURE	CM	ΗM	WASTE	SANIT.
WC	1/2"	3 - 3	-	З"
BT	1/2"	1/2"	1 1/2"	
LAV	3/8"	3/8"	/4"	
KIT. SINK	1/2"	1/2"	/2"	
SHOWER	.2"	1/2"	2"	
MAXIMUN			2903.2 S AND C	ONSUMF
PLUMBIN OR FIXT		and the second		ING FIX
LAV	ATORY		.2.2 GP	M AT 60
SHOW	ER HEA	Ð	2.5 GP	M AT 80
e	NK		2.2 GP	M AT 60
MATER	CLOS	ΈT		LLONS HING CY



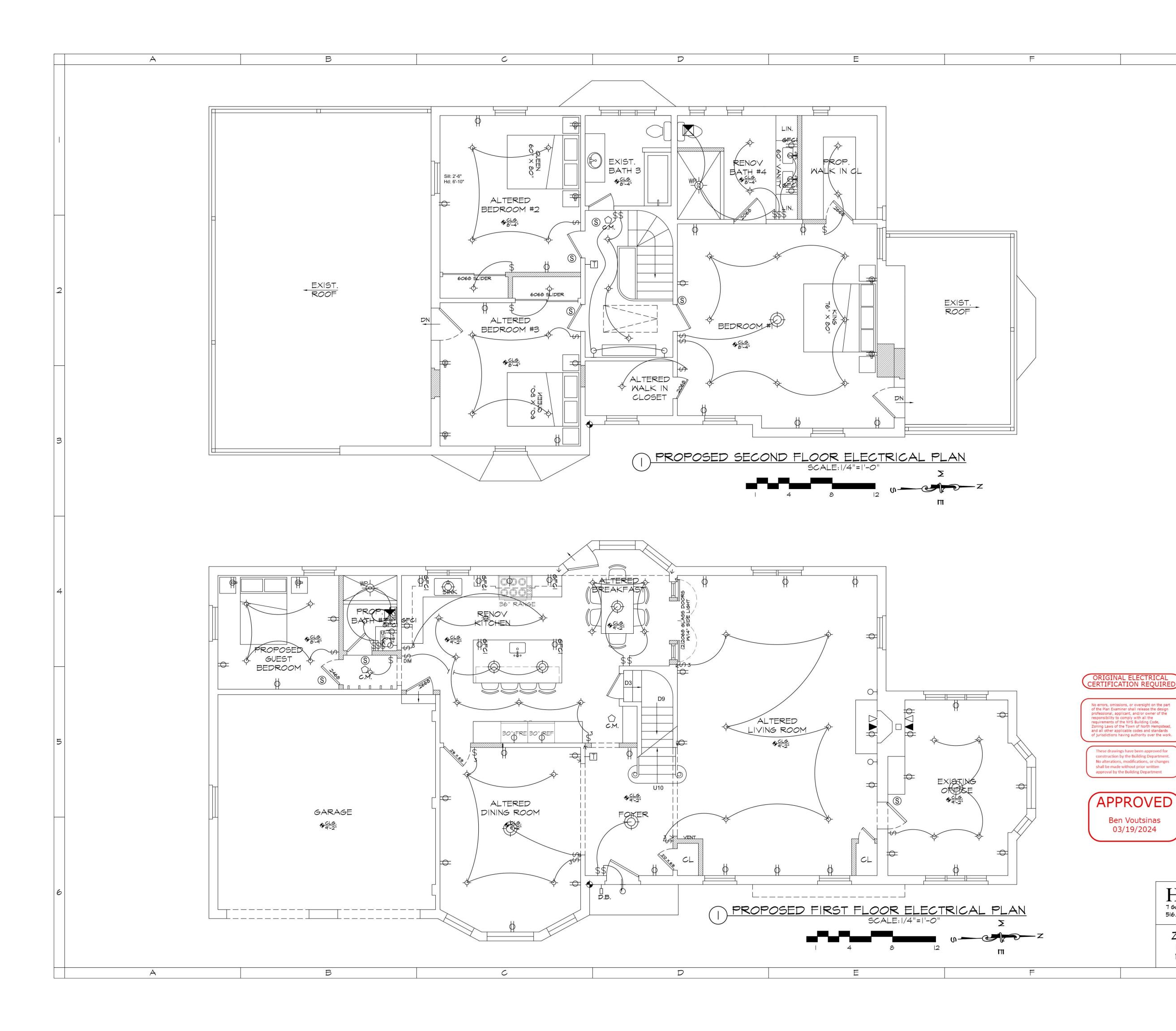


APPR No errors, omissi of the Plan Exam professional, app responsibility to requirements of Zoning Laws of t and all other app of jurisdictions h

 ↓ LED. DOWNLIGHT ↓ AATER PROOF LED. DOWNLIGHT ↓ AATER PROOF LED. DOWNLIGHT ↓ 4 MAY SMITCH ♀ SCONCE (66° A.F.F.) ♥ Matter Proof Door SMITCH ♀ SCONCE (66° A.F.F.) ♥ DPLEX OUTLET ♥ SPOT LIGHTS ♥ SPOT LIGHTS ♥ CAT 6 PORT ♥ CAT 8 PORT ♥ CAT 8 PORT ♥ CAT 8 PORT ♥ DAD OUTLET ♥ SWOKE DETECTOR ♥ LOOR OR CEILING ♥ MARD WIRED ♥ LOOR OR CEILING ♥ DAD OUTLET /ul>	PPROVED Ben Voutsinas 03/19/2024	 WALL SUPPLY VENT WALL RETURN VENT CEILING SUPPLY VENT CEILING RETURN VENT FLOOR SUPPLY VENT DRYER VENT H_{HB} WATER HOSE BIB 	HOT WATER HEATER AC A/C UNIT W/ CONCRETE PAD HEAT RADIATOR HEAT BASEBOARD HEAT GAS CONNECTION	5
WATER PROOF LED, DOWNLIGHT \$ 4 HAY SMITCH Image: Scale (66" A.F.F.) SOM DIMMER SMITCH Image: Scale (66" A.F.F.) SOM DIMMER SMITCH Image: Scale (66" A.F.F.) SOOR DOOR SMITCH Image: Scale (66" A.F.F.) Source (66" A.F.F.) DUPLEX OUTLET Image: Scale (66" A.F.F.) Sone (66" A.F.F.) DUPLEX OUTLET Image: Scale (66" A.F.F.) Sone (66) C.F.M. MIN. Sone (66) C.F.M. MIN. Image: Scale (66) Sone (66) C.F.M. MIN. Sone (66) C.F.M. MIN. Sone (66) C.F.M. MIN. Image: Scale (66) Sone (66) C.F.M. MIN. Sone (66) C.F.M. MIN. Sone (66) C.F.M. MIN.		LED RECESSED	LED I'O X 4'O	
Weil- Water proof 4 4 way switch 9 sconce (66" A.F.F.) DIMMER switch 9 sconce (66" A.F.F.) DIMMER switch 9 sconce (66" A.F.F.) DIMMER switch 9 book Door switch 9 sconce (66" A.F.F.) DIMMER switch 9 Exterior Motion - Division Switch 9 Spot Lights PUPLEX outlet 9 spot Lights GFCI GROND FAULT CIRCUIT 9 cat 6 Port OUTLET 9 transport Outlet 9 transport Outlet 9 transport Outlet 9 HARD WIRED FLOOR OR CEILING 9 HARD WIRED USB DUPLEX OUTLET 9 HARD WIRED USB DUPLEX OUTLET 9 HARD WIRED DEDICATED 9 HARD WIRED DEDICATED 9 SPEAKER OUTLET 10 HARD WIRED 00TLET 9 SPEAKER 01LET 10 GARAGE KEYPAD 01LET		D.B.	 ♥ DUPLEX OUTLET WP DENOTES WATER PROOF DEVICE ■ BATHROOM FAN 60 C.F.M. MIN. 	4
WB→ L.E.D. DOWNLIGHT WATER PROOF L.E.D. DOWNLIGHT 4 4 WAY SWITCH Q SCONCE (66" A.F.F.) \$DIM DIMMER SWITCH Y SCONCE (66" A.F.F.) \$DOOR DOOR SWITCH WB→ Q LED STRIP LIGHTING \$DOOR DOOR SWITCH W EXTERIOR MOTION - DETECTION LIGHTS DUPLEX OUTLET I6" A.F.F. U.O.N. V SPOT LIGHTS GFCI INTERRUPTER DUPLEX OUTLET GFCI INTERRUPTER DUPLEX OUTLET 3 V CAT 6 PORT \$DIAN OUTLET INTERRUPTER DUPLEX OUTLET 3 V CAT 6 PORT \$UAN OUTLET Ø HARD WIRED MOKE DETECTOR \$FLOOR OR CEILING MOUNT DUPLEX OUTLET		C.M. DETECTOR HARD WIRED HEAT DETECTOR SPEAKER 		
$\begin{array}{c} & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$		TV. CABLE PORT HARD WIRED SMOKE DETECTOR HARD WIRED	QUAD OUTLET	0
WP WATER PROOF L.E.D. DOWNLIGHT \$ 4 WAY SWITCH		EXTERIOR MOTION - DETECTION LIGHTS	$\begin{cases} DOOR & \text{DOOR SWITCH} \\ DUPLEX & OUTLET \\ IG'' A.F.F. U.O.N. \end{cases}$	
			т \$ ⁴ 4 мат Switch	

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 EXISTING ELECTRICAL WORK NOT SHOWN SHALL REMA SHOWN. USE ONLY EXPERIENCED ELECTRICIAN, LICENSED AND YORK. ALL WORK SHALL BE IN STRICT ACCORDANCE PROCEDURES, CODES AND ORDINANCES OF THE VILLAG WORK IS BEING PERFORMED. SECURE REQUIRED APPROVALS OF BUILDING INSPECTO PERIODS TO THE PROGRESS OF CONSTRUCTION. ELECT COORDINATE AND SECURE ALL UL APPROVALS AND S APPROVED AT COMPLETING OF JOB. 	EW WORK ONLY IS
 YORK. ALL WORK SHALL BE IN STRICT ACCORDANCE PROCEDURES, CODES AND ORDINANCES OF THE VILLAG WORK IS BEING PERFORMED. 3. SECURE REQUIRED APPROVALS OF BUILDING INSPECTO PERIODS TO THE PROGRESS OF CONSTRUCTION. ELECT COORDINATE AND SECURE ALL UL APPROVALS AND SECURE ALL APPROVALS AND SECURE ALL	
PERIODS TO THE PROGRESS OF CONSTRUCTION. ELEC- COORDINATE AND SECURE ALL UL APPROVALS AND	
	IANS MUST
4. LICENSED ELECTRICIAN SHALL DETERMINE THE WIRE G SIZES, AMPERAGE, VOLTAGE, SWITCHING, CIRCUITRY AN DESIGNATED ON THE DRAWINGS AND SPECIFICATIONS PROPOSED WIRING DIAGRAMS IF NECESSARY. ELECTR CLEARLY LABEL, AND RELABEL EXISTING AND NEW CIT BOARD.	OCATIONS AS FURNISHED NS SHALL
5. REWIRE AND CONSOLIDATE EXISTING BREAKER PANEL REFURBISHED ZONES. CONTRACTOR TO VERIFY AND A CAPACITY OF SERVICE BOX AND ABILITY TO SUPPLY THE NEW AND EXISTING AREAS.	ST THE LOAD
5. SUPPLY ALL UL CODE ESTABLISHED ELECTRICAL DEVI SWITCHES, THREE-WAY SWITCHES, DIMMERS, G.F.I. SWITC CONDUIT, TRANSFORMERS, TV CABLE, OUTLETS, FANS, REQUIRED FOR PARTICULAR APPLICATIONS AND AS D	, LIGHT FIXTURES, ITILATORS, AS
1. ALL NEW ELECTRICAL PANELS & SUB PANELS ARE TO BETWEEN STUDS IN FINISHED SPACE OR ON PAINTED P BLOCKING OVER STUDS IN AN UNFINISHED MECHANICAL	OOD BOARD
8. PROVIDE UNIT PRICE FOR EXCHANGE-OUT OLD OUTLET NEW OUTLETS, AT LOCATIONS REQUESTED BY OWNER.	ND SWITCHES FOR
 PROVIDE APPROPRIATE LIGHT BULBS, AS REQUIRED FOR SPECIFIED. REMOVE STICKERS, LABELS ETC. AND CLE TO FINAL INSTALLATION. 	
IO. OUTLETS AND SWITCHES, TOGGLE & DUPLEX. COLOR: M OTHERWISE NOTED. PROVIDE LUTRON SLIDE DIMMERS	
II. CONTRACTOR SHALL INSTALL AND COORDINATE TV C CABLE COMPANY, AS DIRECTED BY OWNER FOR INSTA REQUIREMENTS AND STREET HOOK UP. PROVIDE ADJA AT EACH TV JACK.	TION
 I.2. LED HIGH HATS BY LIGHTOLIER OR PHILLIPS; COLOR: J WHITE, GOLD, OR CHROME (CHROME TYPICAL AT KITCH UNLESS OTHERWISE NOTED. 	
13. BRASS, POLISHED NICKEL, CHROME, SCONCES, LANTER OTHER DECORATIVE LIGHTING TO BE FURNISHED BY O BY CONTRACTOR.	
14. PROVIDE QUOTATION FOR RECESSED HI- FIDELITY SO CONTROL WIRING AT KITCHEN. ALLOW 230.00 FOR F	PREPARATION CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR CONTRACTOR
15. NEW DOOR CHIME BY NUTONE OR EQUAL AND THE INTO	
16. PROVIDE NEW SECURITY ALARM CONTACTS TO TIE INT AT NEW EXTERIOR DOORS AND WINDOWS. NOTE: COOR SECURITY SYSTEM PROVIDER.	
17. "DRILLING & NOTCHING OF EXTERIOR WALLS AND BEAM SHALL COMPLY WITH SECTION R602.6" "DRILLING AND PLATE SHALL COMPLY WITH SECTION R602.6.1	
18. WOOD FRAMED STRUCTURAL MEMBERS SHALL NOT BE OR ALTERED IN ANY MANNER EXCEPT AS PROVIDED I	
19. ALL HEATING, VENTILATING AND AIR CONDITIONING SY SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTER THE RESIDENTIAL CODE OF NEW YORK STATE. ALL LO REGULATIONS AS SPECIFIED BY THE LATEST ADDITION FIRE PROTECTION ASSOCIATION.	HROUGH 24 OF RULES AND
20. ALL MECHANICAL SYSTEMS, EQUIPMENT, APPLIANCES, E AND LABELED AND INSTALLED IN ACCORDANCE WITH SPECIFICATIONS, LISTING/ LABEL AND THE CODE.	
21. ALL FUEL, GAS SPACE HEATING APPLIANCES IN RESIDE SHALL BE EQUIPPED WITH A FLAME SAFEGUARD DEVIC OFF THE FUEL SUPPLY TO THE BURNER WHEN THE FLAM EXTINGUISHED.	HICH WILL SHUT
22. ALL EQUIPMENT SHALL PERFORM IN ACCORDANCE WIT THE CODE.	BLE NIIO3.I OF
23. DOMESTIC HOT WATER HEATING EQUIPMENT SHALL BE MINIMUM FEDERAL STANDARDS AS PER TABLE NIIO4.1	
APPLICABLE. 24. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WIT	ART VIII OF THE
RESIDENTIAL CODE OF NEW YORK STATE.	
PRO	(START 02/22/2024
ARCHY	VIEW 03/06/2024
anhasset, New York 11030 516.627.7707 Fax	

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Ben Voutsinas

03/19/2024

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DESIGNED BY T.J.C. DRAWN BY A.B. CHECKED BY G.J. ┢┥