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Leslie Francis, Esq.

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Jay Hernandez  
Patricia A. Goodsell, Esq.

# Town of North Hempstead



## Board of Zoning Appeals

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

### **CALENDAR FOR MAY 8, 2024**

#### **RESIDENTIAL CALENDAR**

**APPEAL #21538 - Benjamin Brian & Shira Vered Roth; 12 Beverly Rd., Port Washington; Section 5, Block 20, Lot 7; Zoned: Residence-A**

Variances from §§ 70-30.C and 70-31A to construct a foyer and portico too close to the street and to legalize a deck located too close to a side property line and with not enough total (aggregate) side yards.

**APPEAL #21539 - Wayne King (29 Bayview, LLC); 29 Bayview Avenue, Port Washington; Section 5, Block 52, Lot 15; Zoned: Residence-A**

Variance from §70-100.2(K) to legalize 2 generators that are located too far away from a home.

**APPEAL #21540 – Akira & Yasuko Yamaguchi; 19 S. Bayles Ave., Port Washington; Section 5, Block 99, Lot 310; Zoned: Business-A**

Variances from §§ 70-100.1B & 70-100.1.A (under 70-208K reviewed in accordance with R-C district) to legalize a detached garage that is located too close to the rear property line and that is too tall.

**APPEAL #21541 – Jeffrey Laureano; 126 St. Marks Pl., Roslyn Heights; Section 7, Block H, Lot 518; Zoned: Residence-C**

Variances from §§ 70-209(A) & 70-100.1(B) to legalize a pre-existing non-conforming garage that has been damaged more than 50% that would not be in compliance with the Town Code and that is located too close to the side property line.

**APPEAL #21542 - Gabriel Askarinam; 86 Garden Drive, Albertson; Section 7, Block 93, Lot 59; Zoned: Residence-B**

Variances from 70-40.C and 70-41.A to construct a new dwelling that is located too close to the street and too close to the side property line.

**APPEAL #21543 - Richard & Alba Pagan; 95 Primrose Drive, New Hyde Park, Section 8, Block 308, Lot 14; Zoned: Residence-B**

Variance from §70-42.6 to legalize an expanded driveway (paving) that covers too much of the front yard.

**APPEAL #21544 - Julian Mejias; 132 Bethel Rd., Albertson; Section 9, Block 112, Lot 14; Zoned: Residence-C**

Variance from § 70-51.H to legalize a cellar entrance within four feet of a side property line that does not have horizontal grating.

COMMERCIAL CALENDAR

**APPEAL #21545 – HR Port Tennis Owner, LLC; 100 Harbor Rd., Port Washington; Section 5, Block A, Lot 333; Zoned: Business-A**

Variances §§ 70-133, 70-196(J)(1)(b), 70-196(J)(1)(f), 70-196(J)(2)(a), & 70-196(J)(2)(c) to install HVAC equipment too close to a side property line; wall signs that are too tall, too big, and too high above grade; and more than one ground sign on a property and ground signs that are 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.

**APPEAL #21547 – JNP Holdings Inc. (Jonathan’s Restaurant); 3000 Jericho Tpke., New Hyde Park; Section 9, Block 612, Lot 50; Zoned: Business-A**

Variance § 70-196(J)(1)(b) to legalize wall signs that are too tall and too big.

**APPEAL #21548 – Rike Tech Associates, LLC (Uno Mexican Grill); 490 Westbury Ave., Carle Place; Section 10, Block 19, Lot 28; Zoned: Business-B**

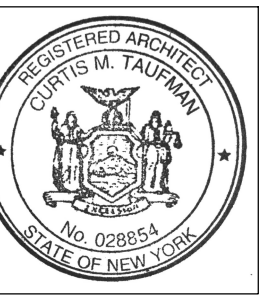
Conditional Use §70-126(A) and Variance from § 70-103(A)(1) to operate a new restaurant, a conditional use, with not enough parking.



# BEVERLY ROAD

Benjamin Brian & Shira Vered Roth RES.  
12 Beverly Rd  
Port Washington, NY 11050

## #21538



| REVISION TABLE | NUMBER | DATE | REVISION BY | DESCRIPTION |
|----------------|--------|------|-------------|-------------|
|                |        |      |             |             |
|                |        |      |             |             |
|                |        |      |             |             |

OWNER/LOCATION  
Benjamin Brian & Shira Vered Roth RES.  
12 Beverly Rd  
Port Washington, NY 11050

Project Overview

DRAWINGS PROVIDED BY:  
CURTIS DESIGN GROUP  
6270 northern Blvd.  
East Norwich, NY 11752  
516 427-1602

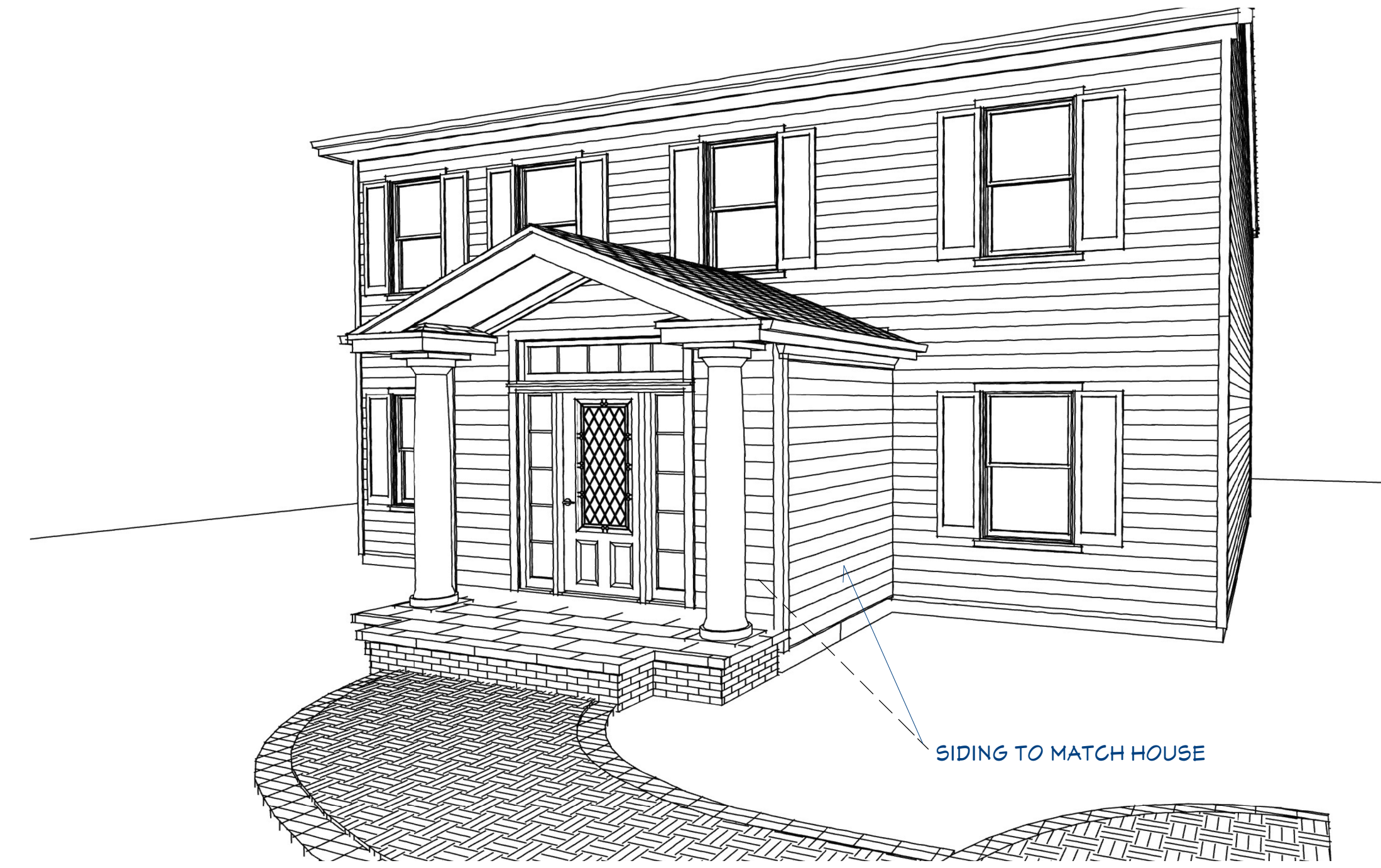
DATE:  
3/20/24

SCALE:

SHEET:  
P-1

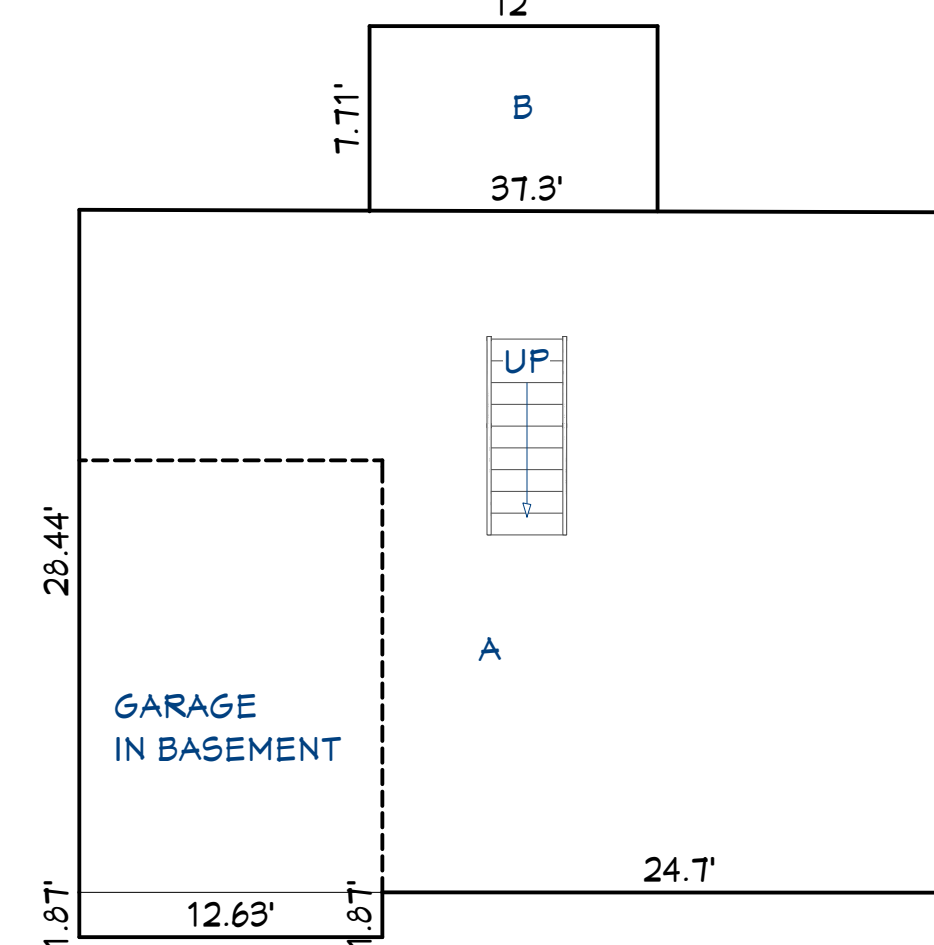
### SCOPE OF WORK:

PROPOSED ENCLOSED ENTRY FOYER /W PORTICO  
DEMOLITION OF INTERIOR CLOSET PARTITION WALLS

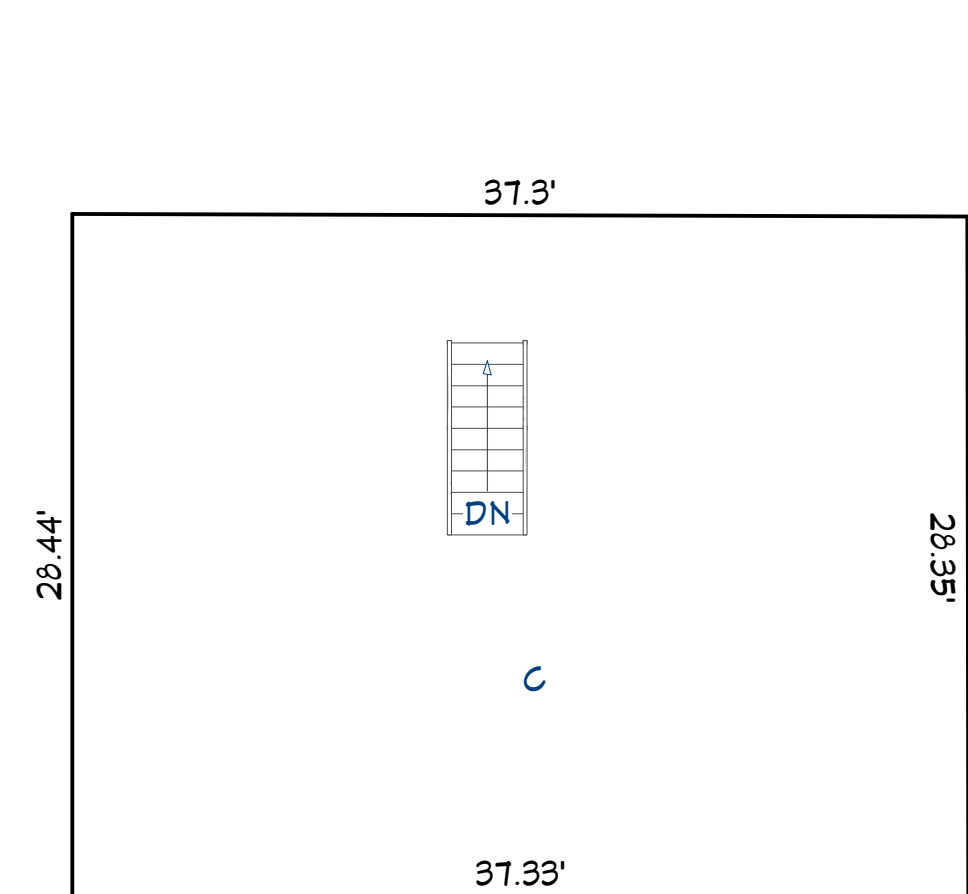


PERSPECTIVE VIEW OF PROPOSED ENTRY FOYER /W PORTICO  
N.T.S.

FIRST FLOOR

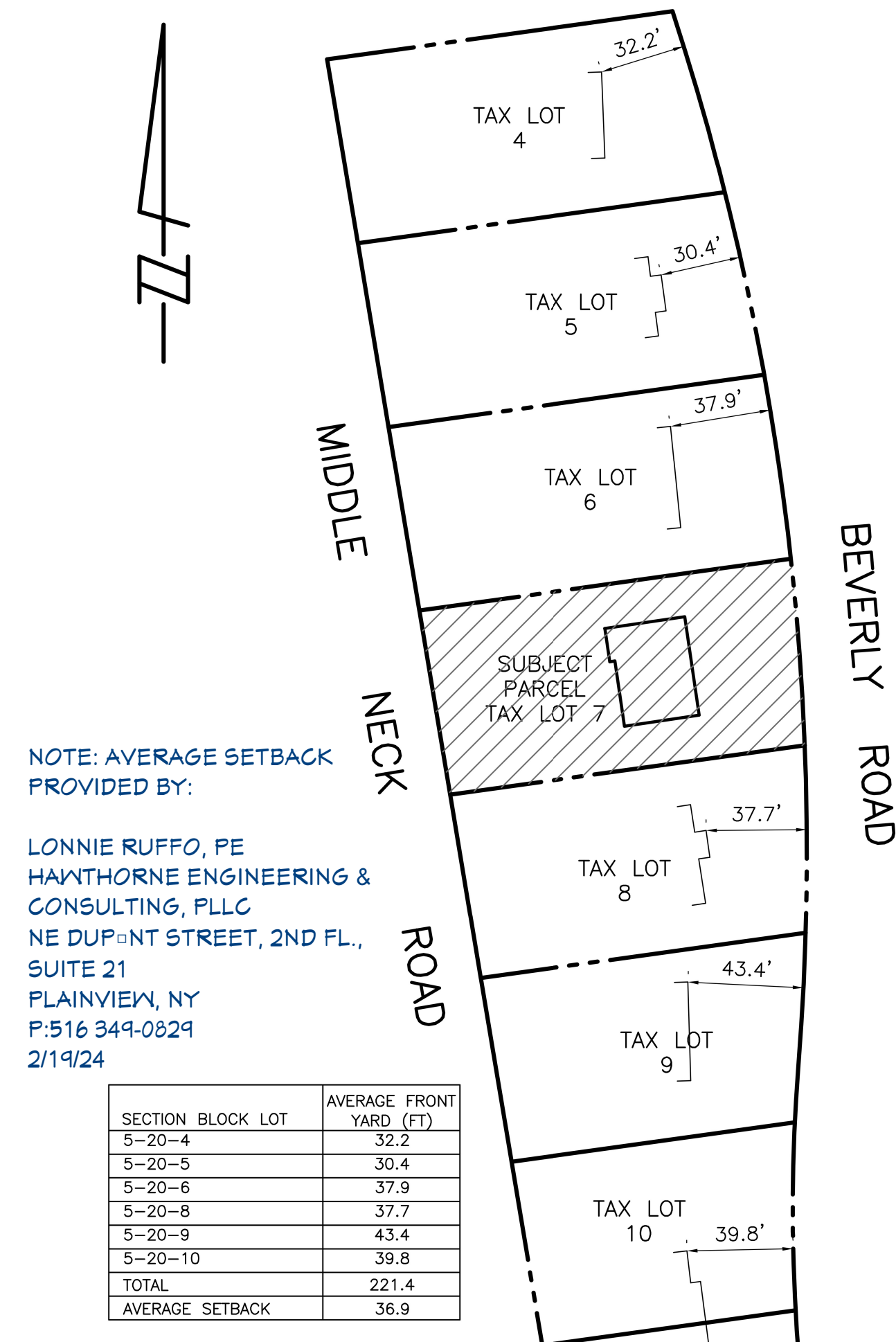


SECOND FLOOR



Gross Area Calculation

|                          |                |              |
|--------------------------|----------------|--------------|
| A (main dwelling)        | 37.3 x 28.44 = | 1,061        |
| B (PROPOSED FOYER)       | 7.71x12        | 93           |
| First floor total =      |                | <b>1,153</b> |
| B (main dwelling)        | 37.3 x 28.44 = | 1,061        |
| Second floor total =     |                | <b>1,061</b> |
| Total gross floor area = | <b>2,214</b>   |              |

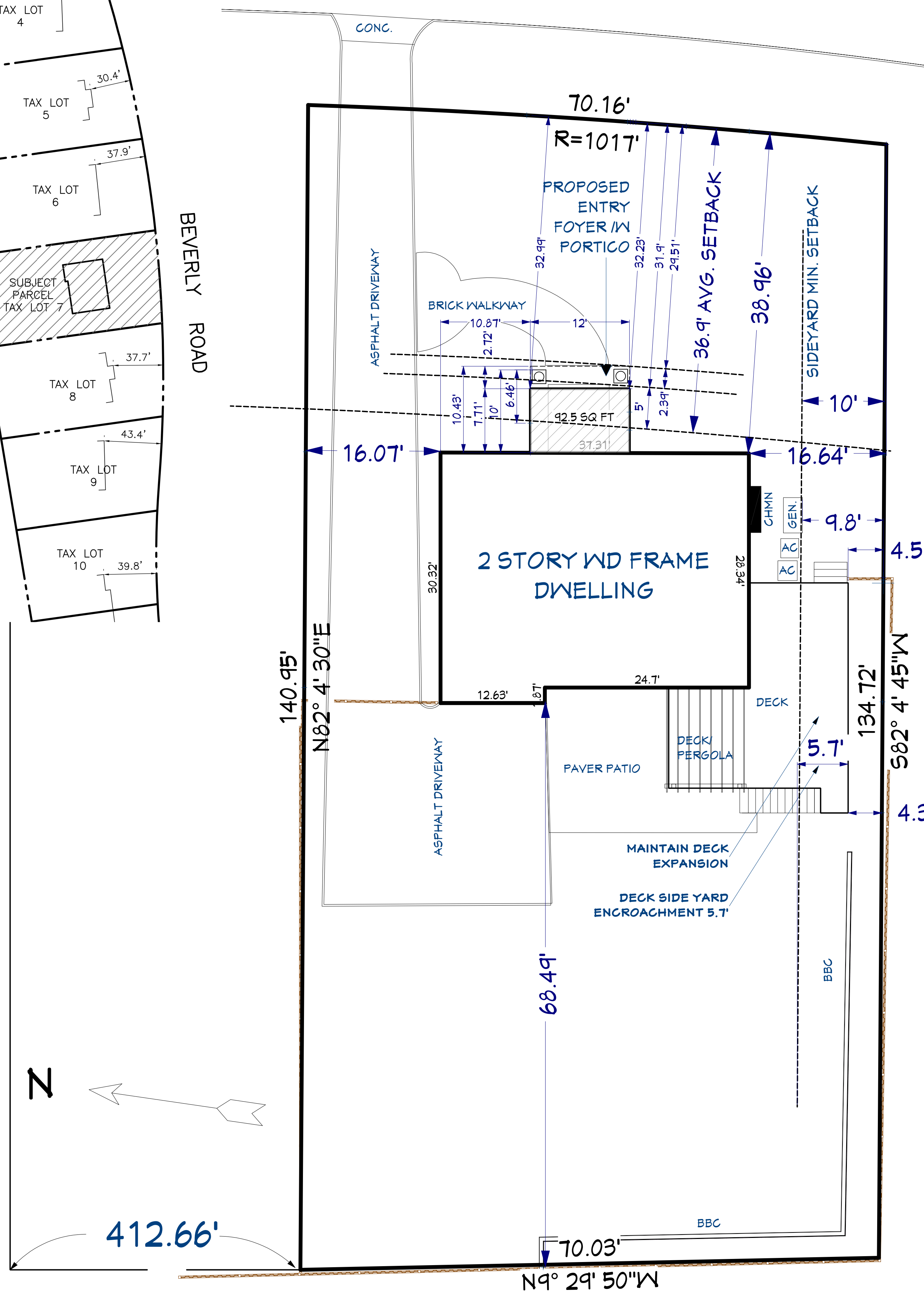


NOTE: AVERAGE SETBACK PROVIDED BY:

LONNIE RUFFO, PE  
HAWTHORNE ENGINEERING & CONSULTING, PLLC  
NE DUPONT STREET, 2ND FL., SUITE 21  
PLAINVIEW, NY  
P:516 349-0829  
2/19/24

| SECTION         | BLOCK | LOT | AVERAGE FRONT YARD (FT) |
|-----------------|-------|-----|-------------------------|
| 5-20-4          |       |     | 32.2                    |
| 5-20-5          |       |     | 30.4                    |
| 5-20-6          |       |     | 37.9                    |
| 5-20-8          |       |     | 37.7                    |
| 5-20-9          |       |     | 43.4                    |
| 5-20-10         |       |     | 39.8                    |
| TOTAL           |       |     | 221.4                   |
| AVERAGE SETBACK |       |     | 36.9                    |

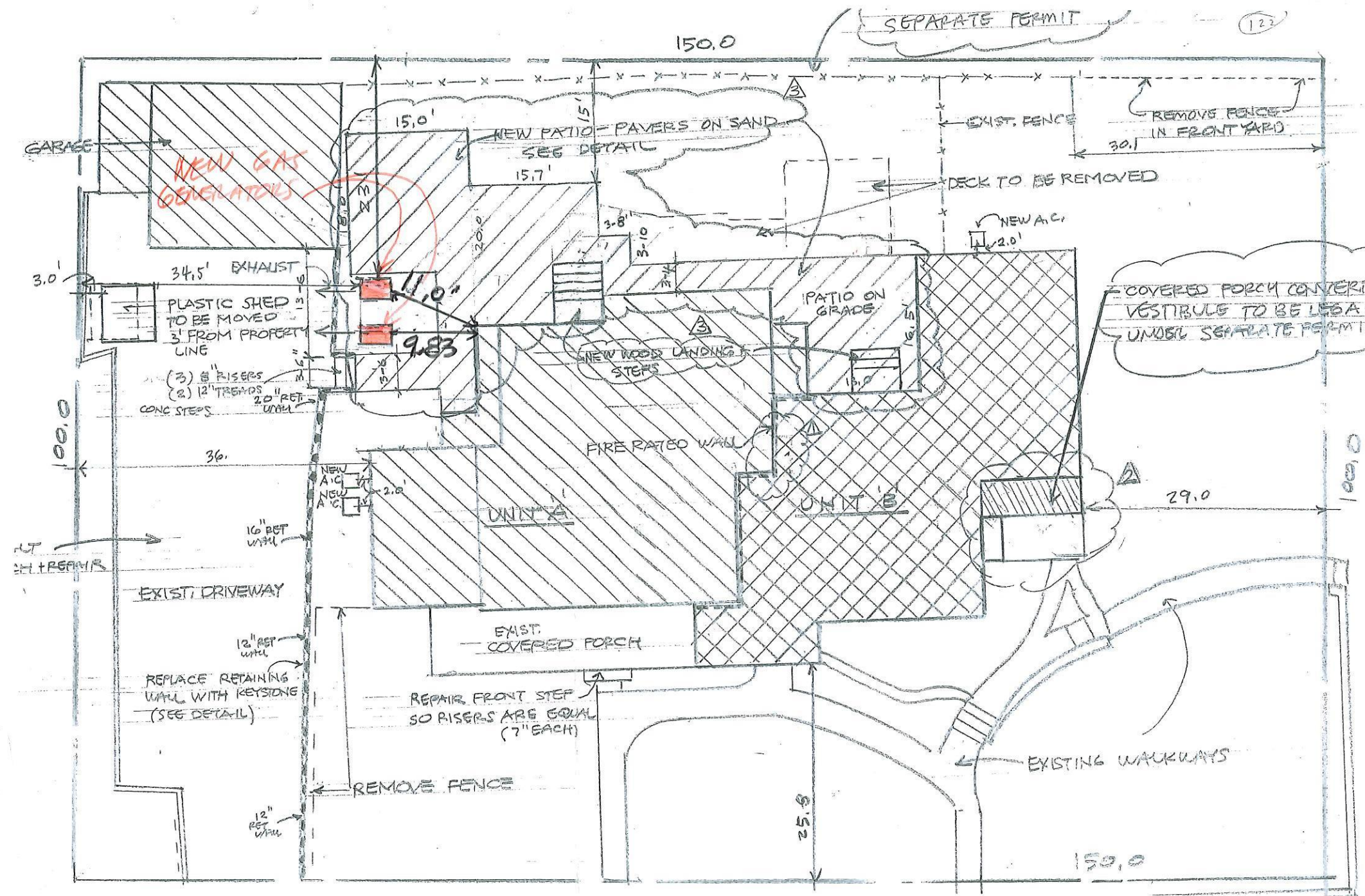
# LONGVIEW ROAD



SITE PLAN SHOWING PROPOSED ENTRY FOYER /W PORTICO  
SCALE: 1/8"=1'



#21539



BAYVIEW AVE

SITE PLAN

FOR (2) NEW GAS GENERATORS

29 BAYVIEW AVE, PORT WASHINGTON

12-1-24

REVISION

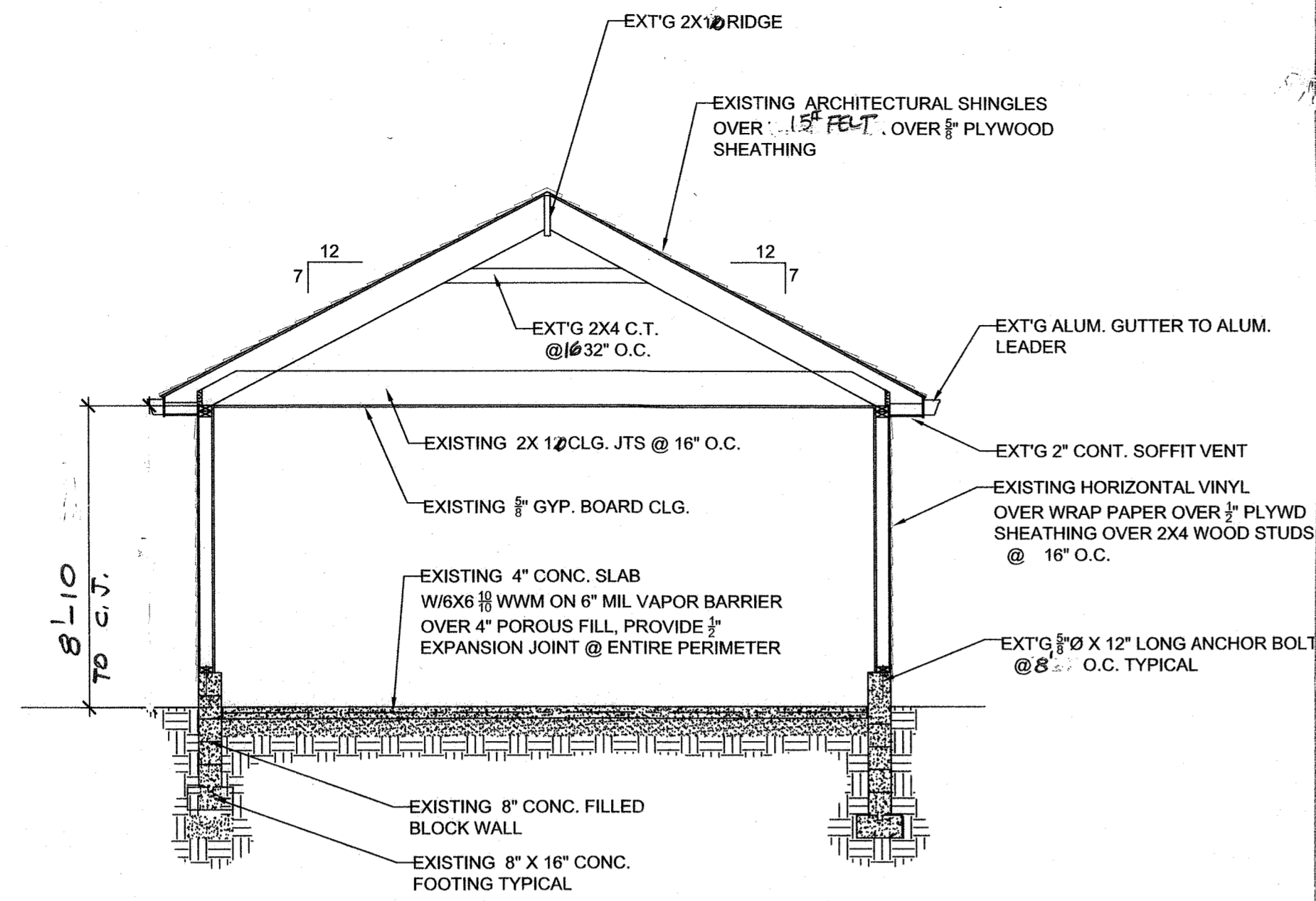
3-22-24

**DISAPPROVED**

Carlos Reyes  
03/25/2024

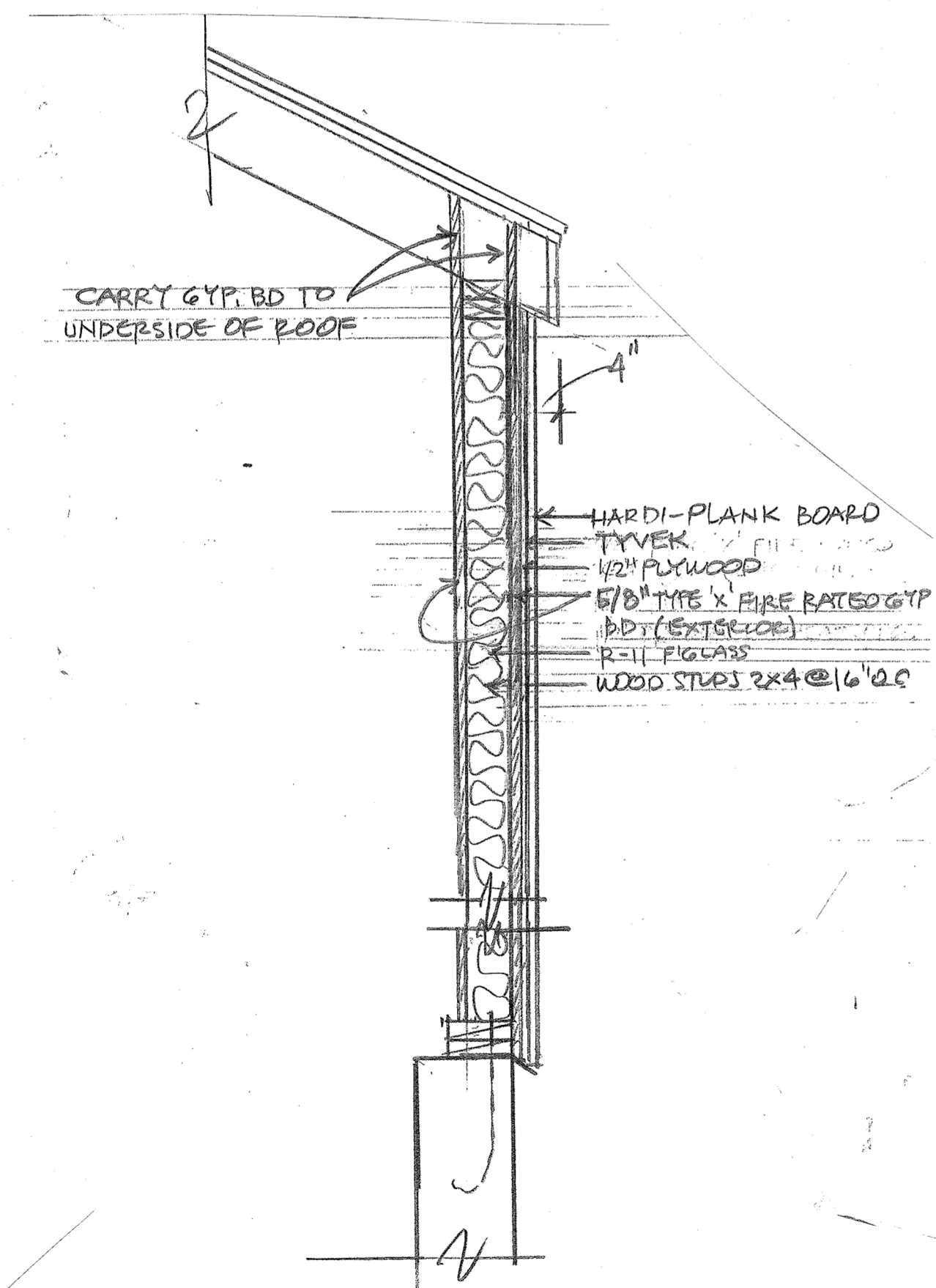


#21540

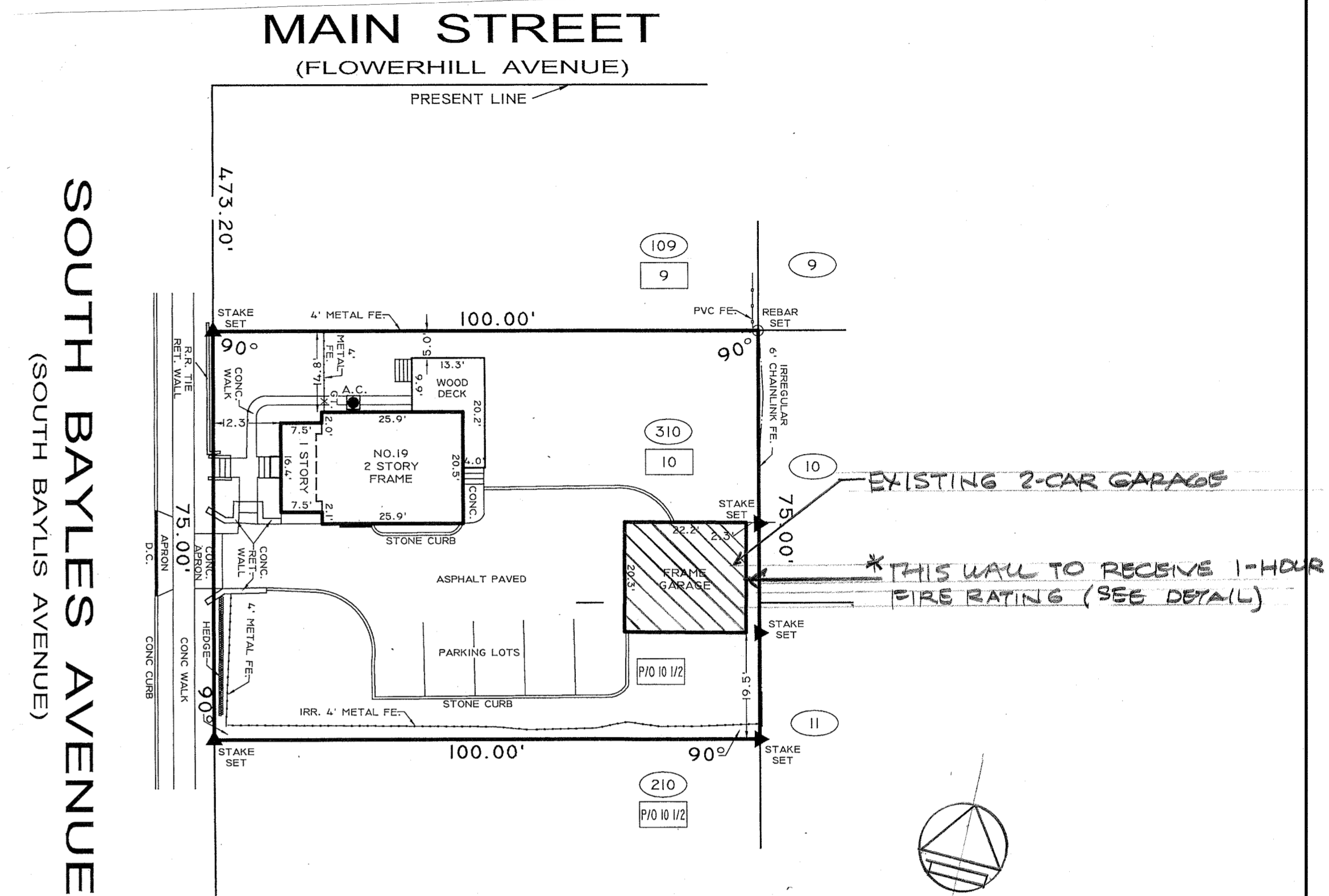


**2 EXISTING BUILDING SECTION**

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



**SECTION AT FIRE-RATED WALL 1/2" = 1'-0"**  
 IN CONFORMANCE W/ ASTM E119: 1 HOUR LOAD BEARING WALL ASSEMBLY  
 (JH/FCS 20-02 AS PER MANUFACTURER)



**SITE PLAN 1" = 20'-0"**

BASED ON SURVEY BY: FERRANTELLIO 10-18-23

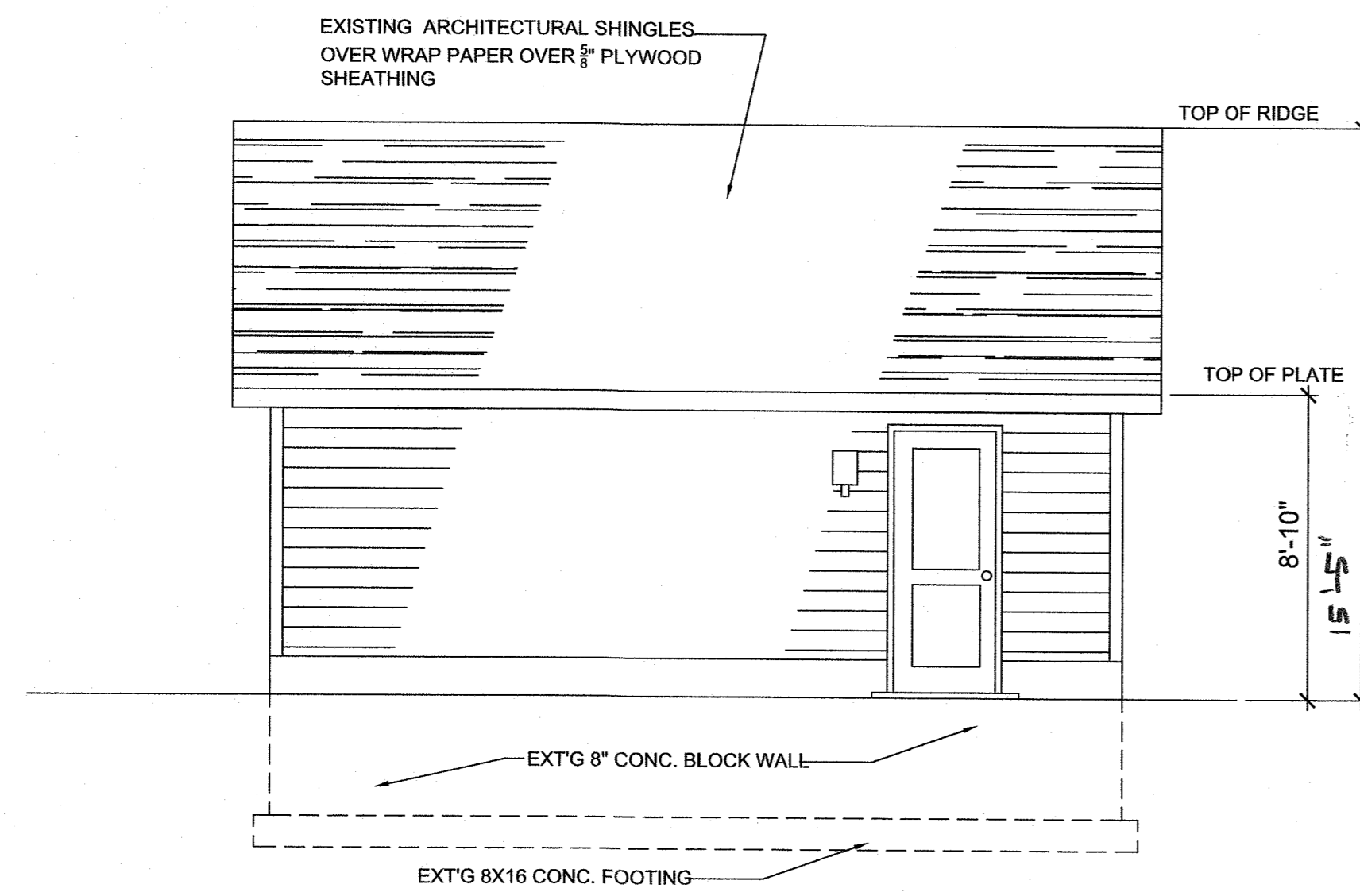
**ZONING DATA**

ZONE: BUSINESS A  
 LOT SIZE: 7500 SF  
 LOT COVERAGE:  
 HOUSE (653.95 SF) + GARAGE (450.66) = 1104.61 SF = 14.7% < 70% MAX ALLOWED

**SCOPE OF WORK:  
 EXISTING WOOD FRAMED GARAGE**

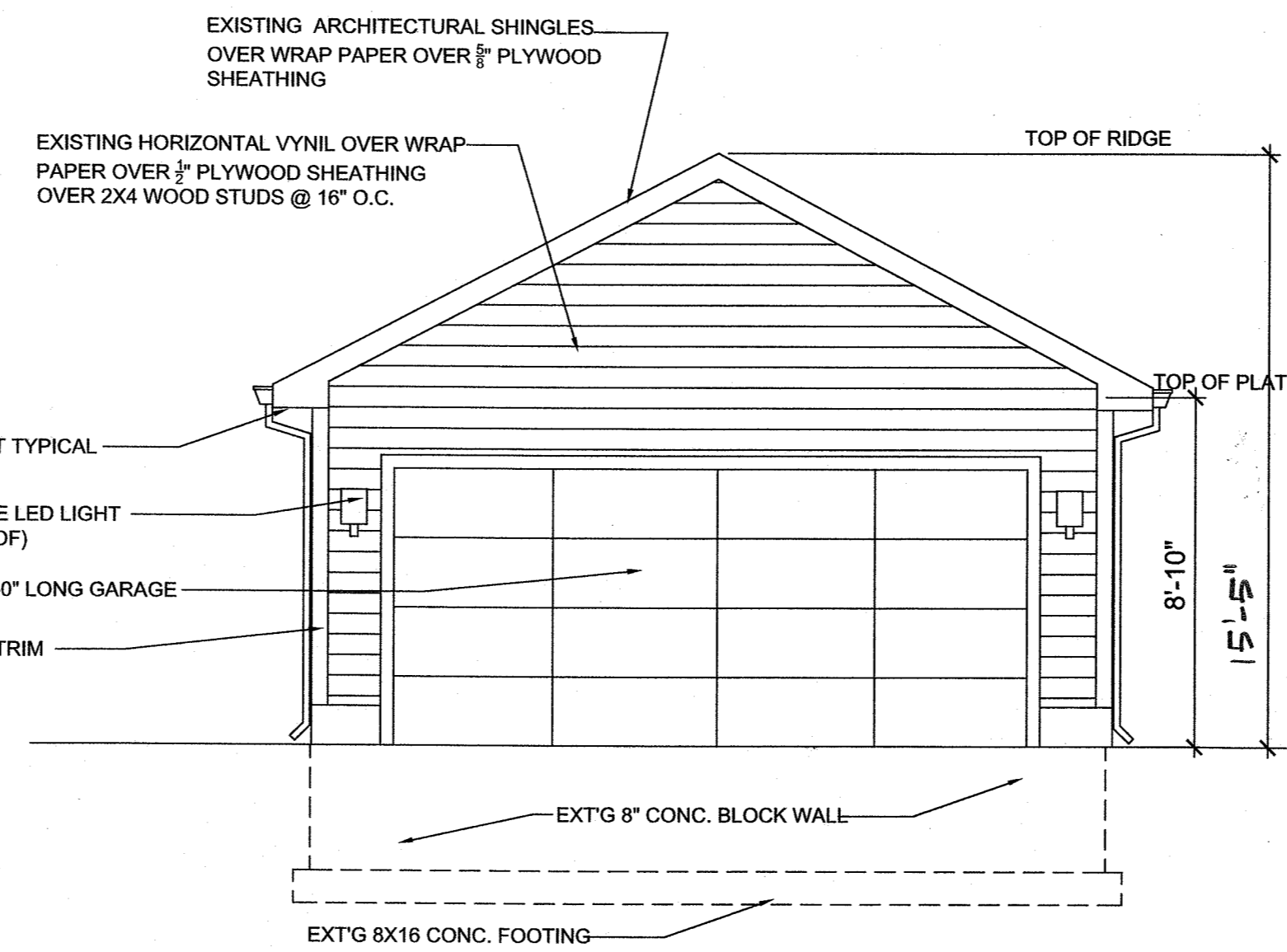
|                                                        |              |                   |                                                                                                                                                                               |                                                                                                                                                                              |  |
|--------------------------------------------------------|--------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| project 19 SOUTH BAYLES AVE.,<br>PORT WASHINGTON, N.Y. |              |                   | Donald Alberto Architect P.C.<br>68 Highland Avenue<br>Port Washington, N.Y. 11050<br>Office 516-883-1294<br>Cell 516-527-2469<br>Fax 516-883-1338<br>albertodonald@yahoo.com | revisions                                                                                                                                                                    |  |
| drawing SITE PLAN AND BLDG SECTION                     |              |                   |                                                                                                                                                                               | © copyright, all rights reserved<br>This design and plans are property of<br>the architect. Unauthorized use or copy<br>will be prosecuted to the full extent of<br>the law. |  |
| number A-1                                             | dwn by JB    | scale AS NOTED    |                                                                                                                                                                               |                                                                                                                                                                              |  |
|                                                        | job # #23-17 | date NOV. 06-2023 |                                                                                                                                                                               |                                                                                                                                                                              |  |





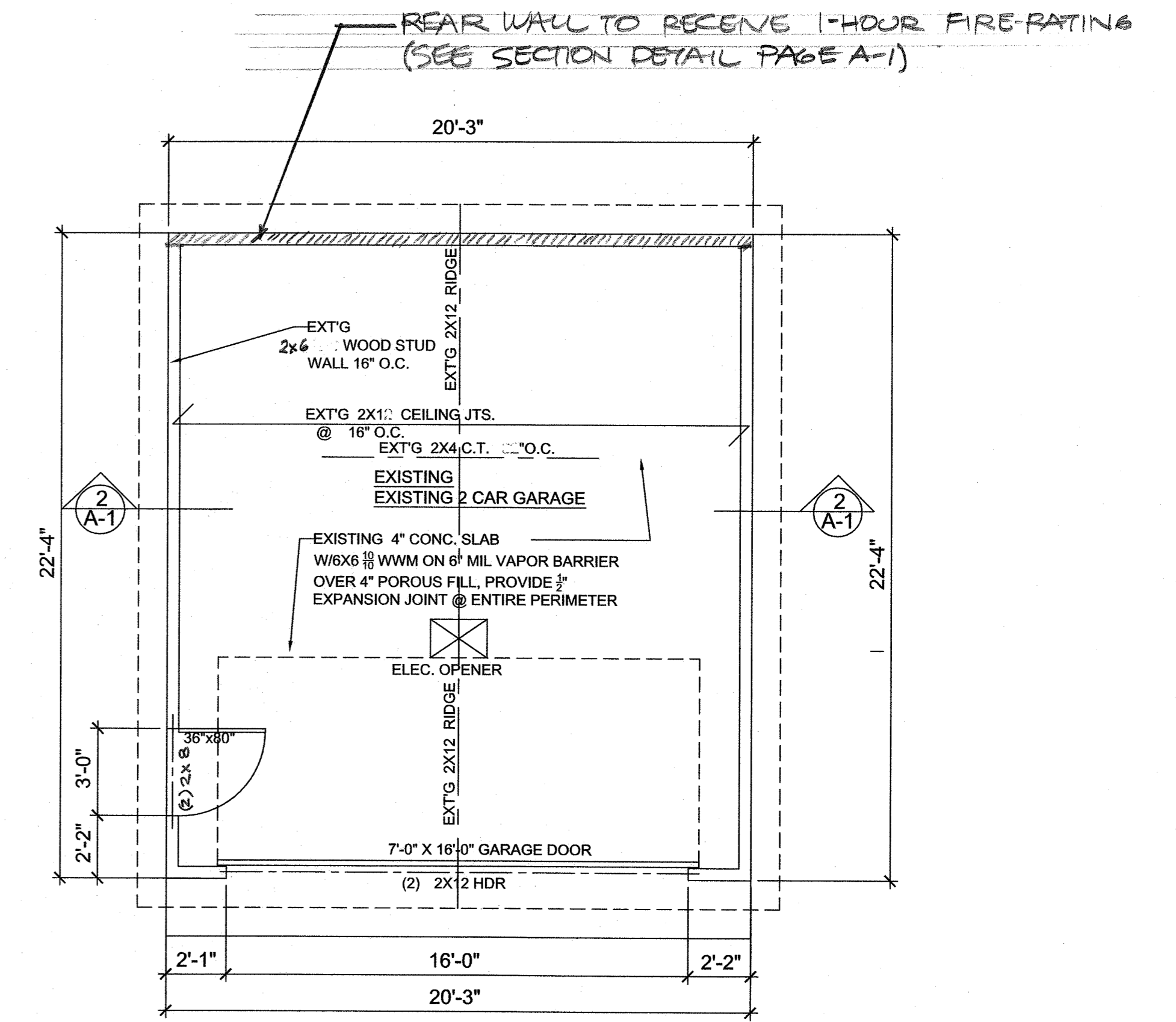
**5** EXISTING LEFT SIDE ELEVATION

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



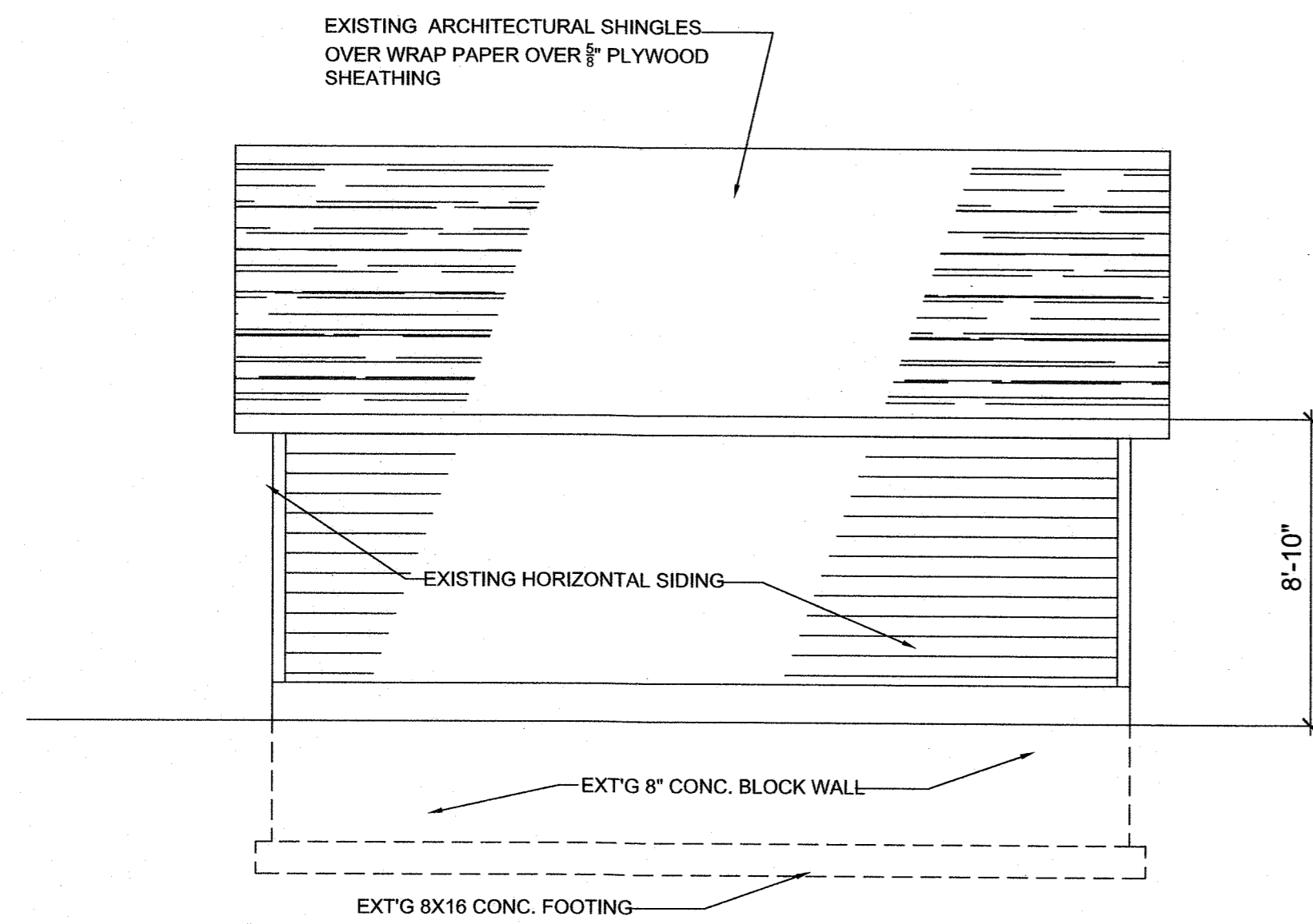
**6** EXISTING FRONT ELEVATION

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



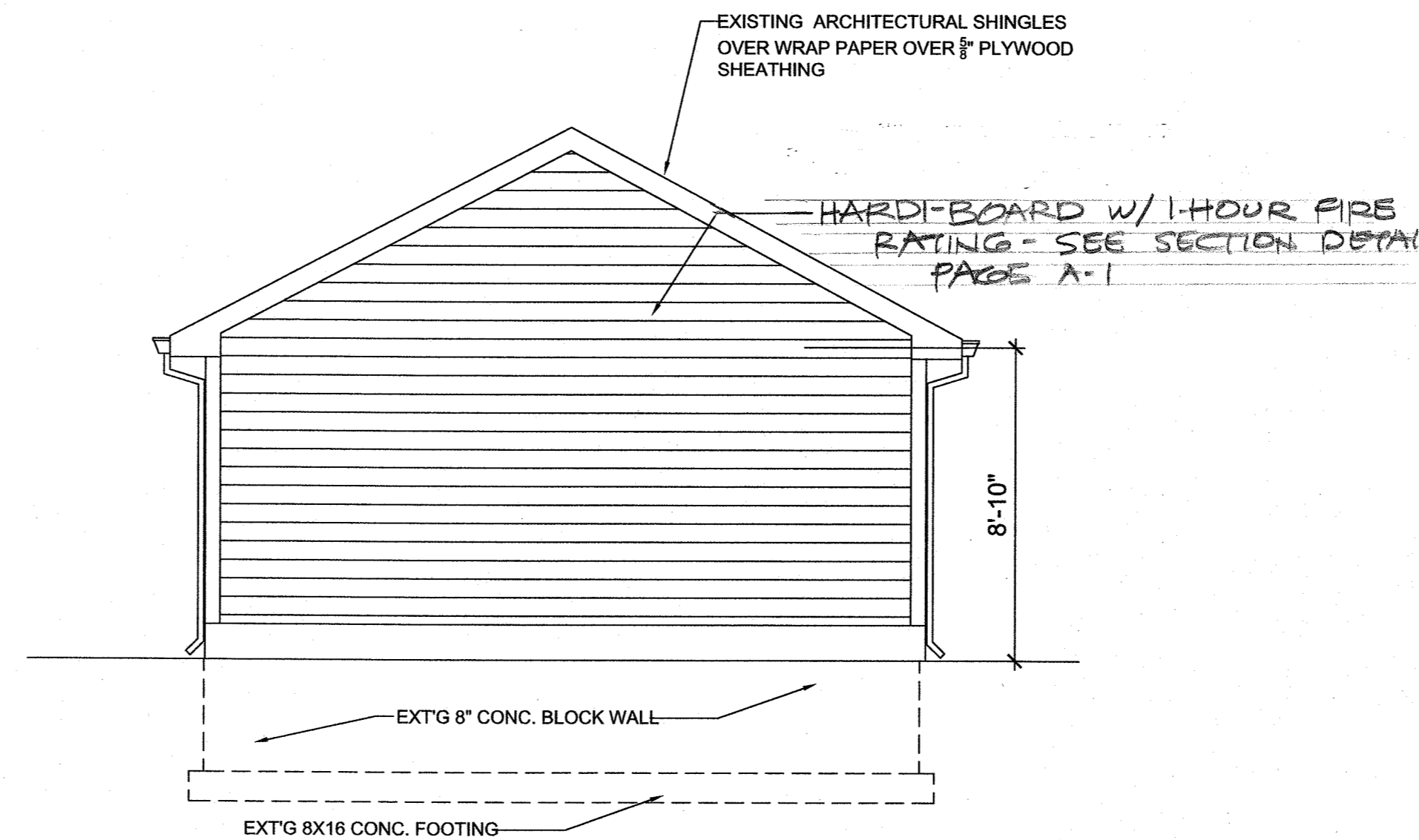
**1** EXISTING FLOOR PLAN

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



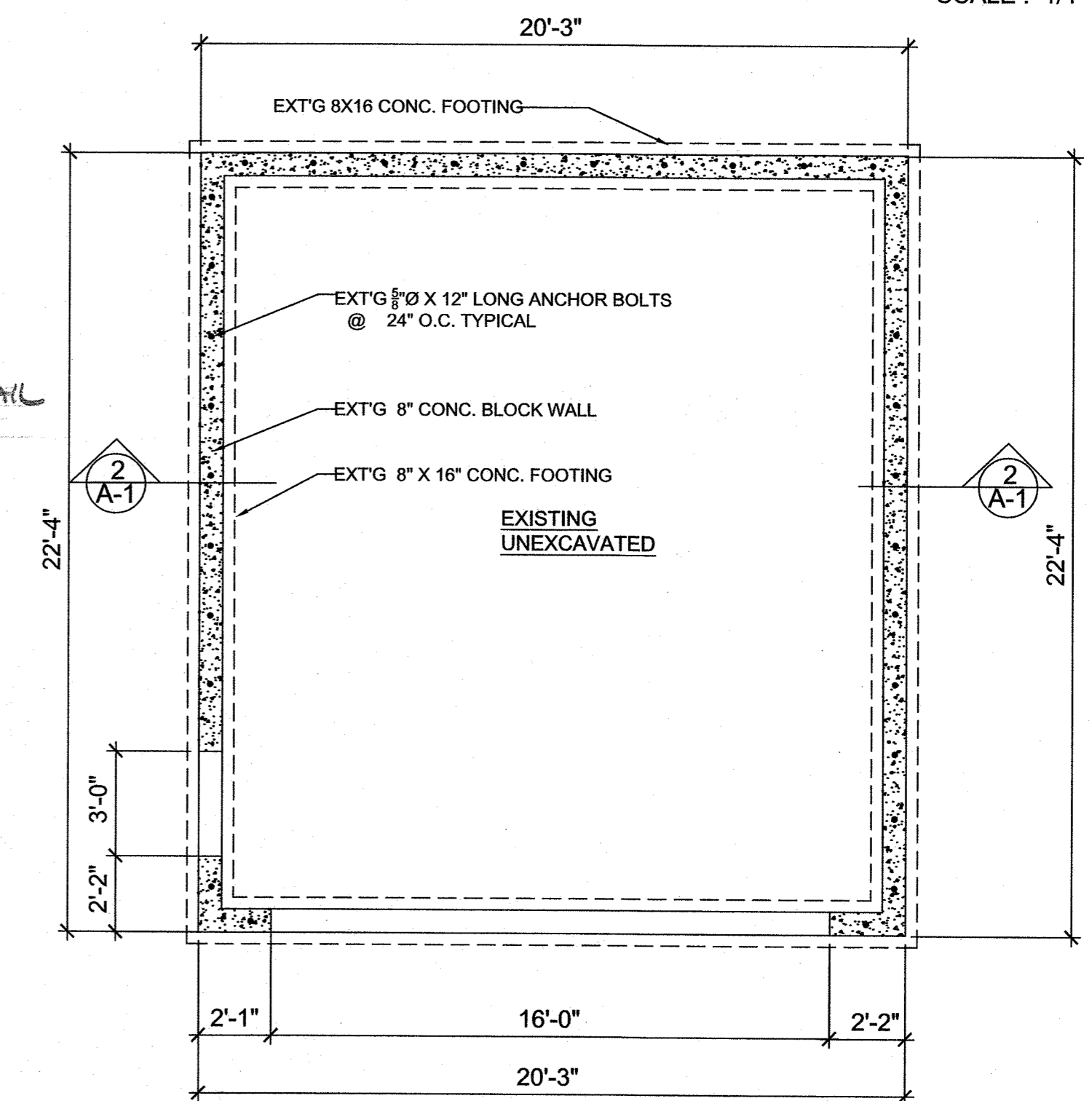
**4** EXISTING RIGHT SIDE ELEVATION

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



**3** EXISTING REAR ELEVATION

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



**2** EXISTING FOUNDATION PLAN

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

**SCOPE OF WORK:  
EXISTING WOOD FRAMED GARAGE**

|         |        |                                                |              |                                                                                                                                                                              |  |
|---------|--------|------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Project |        | 19 SOUTH BAYLES AVE.,<br>PORT WASHINGTON, N.Y. |              | revisions                                                                                                                                                                    |  |
| drawing |        | EXT'G. PLANS & ELEVATIONS                      |              | Donald Alberto Architect P.C.                                                                                                                                                |  |
| number  | dwn by | scale                                          | AS NOTED     | 68 Highland Avenue<br>Port Washington, N.Y. 11050<br>Office 516-883-1294<br>Cel 516-527-2469<br>Fax 516-883-1338<br>albertodonald@yahoo.com                                  |  |
| A-2     | JB     | date                                           | NOV. 06-2023 | © copyright. all rights reserved<br>This design and plans are property of<br>the architect. Unauthorized use or copy<br>will be prosecuted to the full extent of<br>the law. |  |
| job #   | #23-17 |                                                |              |                                                                                                                                                                              |  |



**THE LAUREANO RESIDENCE**

GARAGE REPLACEMENT DUE TO FIRE AND WATER DAMAGE  
 126 ST MARKS PLACE - ROSLYN HEIGHTS, NY 11577

**DRAWING LIST:**

A-1: TITLE SHEET (APPLICANT & ADDRESS) PLOT PLAN AND ZONING INFORMATION

A-2: BUILDING FLOOR PLANS

A-3: BUILDING ELEVATIONS - BUILDING SECTION - DETAILS

A-4: GENERAL NOTES

A-5: 2020 NYS CODE COMPLIANCE NOTES

A-6: 2020 NYS CODE COMPLIANCE CHARTS/DETAILS

A-7: 2020 NYS CODE SECTION DETAILS

**LEGEND OF MATERIALS**

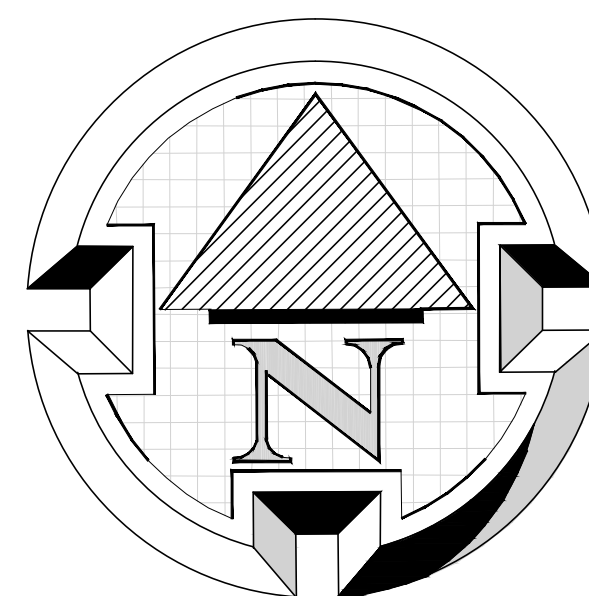
- EXISTING WORK TO BE REMOVED
- ===== EXISTING WORK TO REMAIN
- [Pattern] NEW FOUNDATION 3500/6000 PSI
- [Pattern] NEW 2x4 WD. STUDS 16" O.C. 1/2" GYP. ON INTERIOR; R-20 INSULATION BET. BUILD. 1/2" CDX SHEATHING, 15 POUND BUILDING PAPER & EXTERIOR SIDING AS PER OWNERS APPROVAL
- [Pattern] NEW 2x4 WD. STUDS 16" O.C. 1/2" GYP. ON INTERIOR BOTH SIDES SOUND W/ ACOUSTICAL INSULATION
- [Pattern] NEW 2x4 WD. STUDS 16" O.C. 1/2" GYP. ON INTERIOR BOTH SIDES
- [Symbol E] EXISTING 2x4 FRAME STUDS TO BE REPAIRED, SISTERED AND OR REPLACED ONCE EXPOSED. REPLACE INSULATION AND 1/2" GYP. BOARD AS REQUIRED TO MAKE READY
- [Symbol SD C] NYS APPROVED SMOKE AND CARBON DETECTOR
- [Symbol F] NEW FIRE RATED PARTITION 2x4 PRESSURE TREATED PARTITIONS WITH (2) LAYERS 5/8" TYPE "X" GYP. BD. EA. SIDE CEILING TO RECEIVE (2) LAYERS 5/8" GYP. BD.
- [Symbol PT] NEW MOISTURE REPELLENT PARTITIONS 2x4 PRESSURE TREATED BOT. PLATE WITH (1) LAYERS 1/2" PAPERLESS WATER REPELLENT GYP. BOARD INTERIOR

**#21541**

THE PRODUCTION OF THESE DOCUMENTS HAVE BEEN GENERATED USING THE  
**2020 NEW YORK STATE RESIDENTIAL CODE**

EFFECTIVE AS OF JUNE 12TH, 2020

**NORTH**



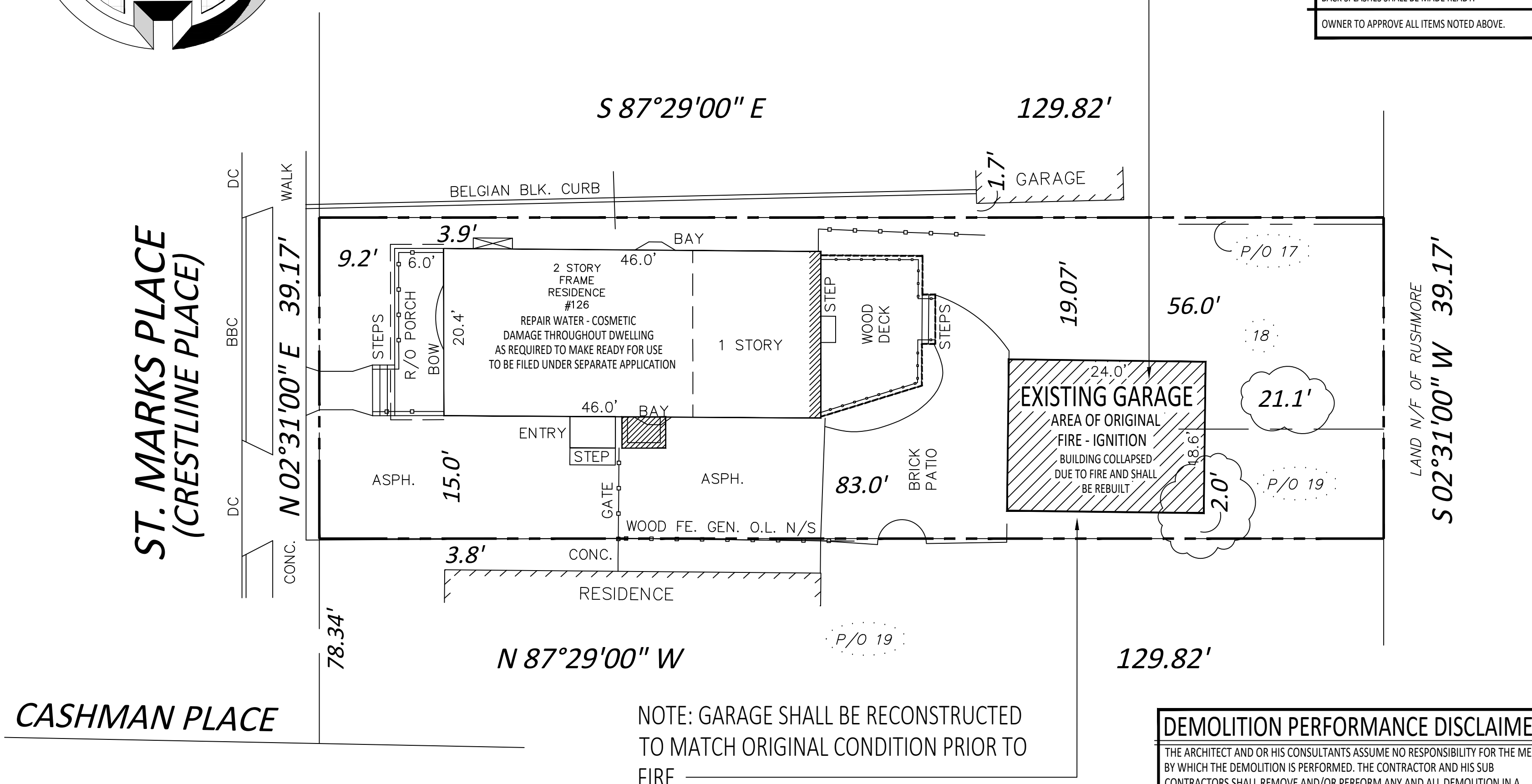
**SCOPE OF WORK PROPOSED**

PLANS FILED TO REPAIR - REPLACE ALL FIRE/WATER DAMAGED GARAGE COMPONENTS AS PER PLANS SUBMITTED HERE-IN

\*NOTE: ALL CONDITIONS ARE EXISTING AND SHALL REMAIN WITH NO CHANG IN USE, EGRESS, OCCUPANCY AND OR ZONING PROPOSED UNDER THIS APPLICATION. SCOPE OF WORK SUBMITTED FOR THE DIRECT REPLACEMENT OF WATER/FIRE DAMAGED CONDITIONS AS PER PLANS SUBMITTED.

NOTE: PLANS FILED TO REBUILD EXISTING FIRE DAMAGED GARAGE IN-KIND

| SCOPE OF WORK                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AREA OF EXTENSIVE FIRE - WATER FRAME DAMAGE. G.C. TO DIRECT REPLACE ALL DAMAGED STRUCTURAL COMPONENTS AS REQUIRED TO MAKE READY FOR OCCUPANCY. FRAME REPLACEMENT NOT LIMITED TO AREA SHOWN, IN THE EVENT ADDITIONAL FRAME MEMBERS ARE EXPOSED AND FOUND DAMAGED G.C. TO DIRECT REPLACE AS WELL IN KIND. THIS NOTE IS TYPICAL FOR THE ENTIRE DWELLING SHOWN ABOVE. |
| ALL PLUMBING SHALL BE DIRECT REPLACEMENT ON EXISTING ROUGHING.                                                                                                                                                                                                                                                                                                    |
| ALL ELECTRICAL SHALL BE EVALUATED BY LICENSED ELECTRICIAN AND MADE READY.                                                                                                                                                                                                                                                                                         |
| FLOORS, WALLS AND CEILING INCLUDING INSULATION SHALL BE MADE READY.                                                                                                                                                                                                                                                                                               |
| ALL DAMAGED WINDOWS SHALL BE REPLACE IN EXISTING ROUGHING.                                                                                                                                                                                                                                                                                                        |
| ALL DAMAGED STAIRS SHALL BE MADE READY AND FUNCTIONAL WITH HAND RAILS.                                                                                                                                                                                                                                                                                            |
| ALL CABINETS, ISLANDS, APPLIANCES, COUNTER TOPS AND BACK SPLASHES SHALL BE MADE READY.                                                                                                                                                                                                                                                                            |
| OWNER TO APPROVE ALL ITEMS NOTED ABOVE.                                                                                                                                                                                                                                                                                                                           |



**DEMOLITION PERFORMANCE DISCLAIMER:**  
 THE ARCHITECT AND OR HIS CONSULTANTS ASSUME NO RESPONSIBILITY FOR THE MEANS BY WHICH THE DEMOLITION IS PERFORMED. THE CONTRACTOR AND HIS SUB CONTRACTORS SHALL REMOVE AND/OR PERFORM ANY AND ALL DEMOLITION IN A PROFESSIONAL MANNER IN ACCORDANCE TO "GOOD GENERAL PRACTICES" SHOULD IN THE EVENT STRUCTURAL DAMAGE OCCUR DURING PERFORMING DEMOLITION PROCEDURES, THE G.C. SHALL STOP WORK IMMEDIATELY, TEMPORARILY STABILIZE AND CONTACT THE ARCHITECT IMMEDIATELY FOR RESOLUTION.

**PLOT PLAN**

**ZONING DATA**

| ZONING DISTRICT    | R-C (RESIDENCE)                                |
|--------------------|------------------------------------------------|
| ALLOWABLE USES     | RESIDENTIAL                                    |
| LOT SIZE           | 5,092 SQ.FT.                                   |
| LOT COVERAGE       | PERMITTED                                      |
| BUILDING AREA      | MAX 50% OF LDT AREA (2,800 SF), MIN 900 S.F.   |
| BUILDING HEIGHT    | 14'-0"                                         |
| FRONT YARD         | MIN: 25' / MAX: 40'                            |
| SIDE YARD          | MIN 25% OF LOT WIDTH, NOT LESS 5.0' (EA. SIDE) |
| REQUIRED REAR YARD | MIN 15'-0"                                     |
|                    | <b>EXISTING</b>                                |
|                    | DWELLING: 1,332.00 (INCLUDED PORCH - DECK)     |
|                    | GARAGE: 447.00                                 |
|                    | TOTAL: 34%                                     |
|                    | <b>PROPOSED</b>                                |
|                    | DWELLING: 1,332.00 (INCLUDED PORCH - DECK)     |
|                    | GARAGE: 447.00                                 |
|                    | TOTAL: 34%                                     |
|                    | (NO CHANGE)                                    |
|                    | (NO CHANGE)                                    |
|                    | (NO CHANGE)                                    |
|                    | (NO CHANGE)                                    |

NOTE: ALL CONDITIONS ARE EXISTING AND SHALL REMAIN WITH NO CHANG IN USE, EGRESS, OCCUPANCY AND OR ZONING PROPOSED UNDER THIS APPLICATION. SCOPE OF WORK SUBMITTED FOR THE DIRECT REPLACEMENT OF WATER/FIRE DAMAGED CONDITIONS AS PER PLANS SUBMITTED.

NOTE: NO CHANGE IN ZONING SET BACKS, BULK, COVERAGE, BUILDING HEIGHT, OPEN SPACE AND OR USE

**ZONE: R-C SECTION: 7 BLOCK: H LOT: 518**

Gaby Tchilinguirian, R.A. Architect P.C.  
 18 MITCHELL ROAD  
 WESTHAMPTON BEACH, NY 11978  
 www.NYarchitectGT.com NYarchitectGT@Gmail.com  
 OFFICE: (516) 297-6917

**THE LAUREANO RESIDENCE**  
 GARAGE REPLACEMENT DUE TO FIRE AND WATER DAMAGE  
 126 ST MARKS PLACE - ROSLYN HEIGHTS, NY 11577

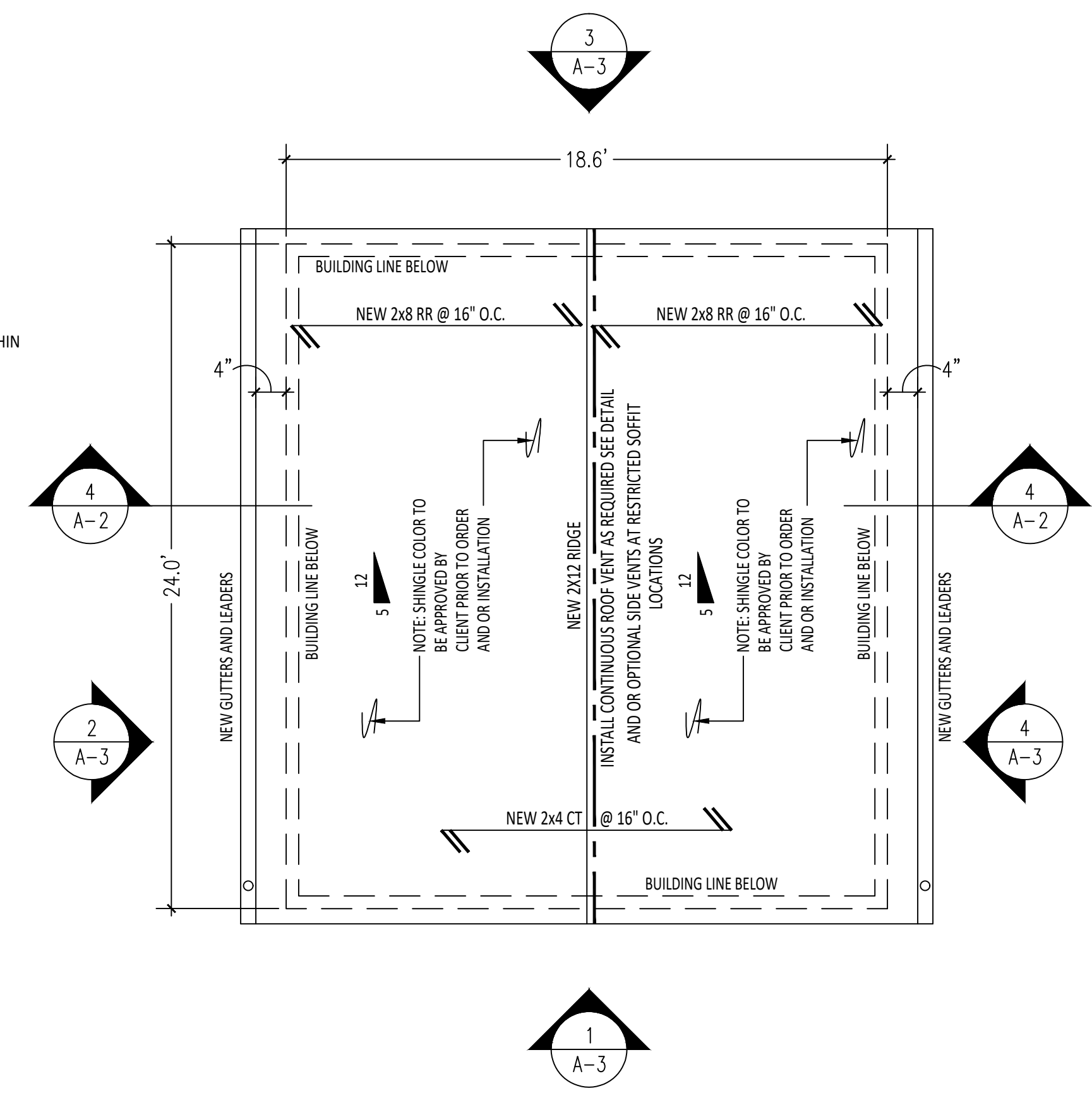
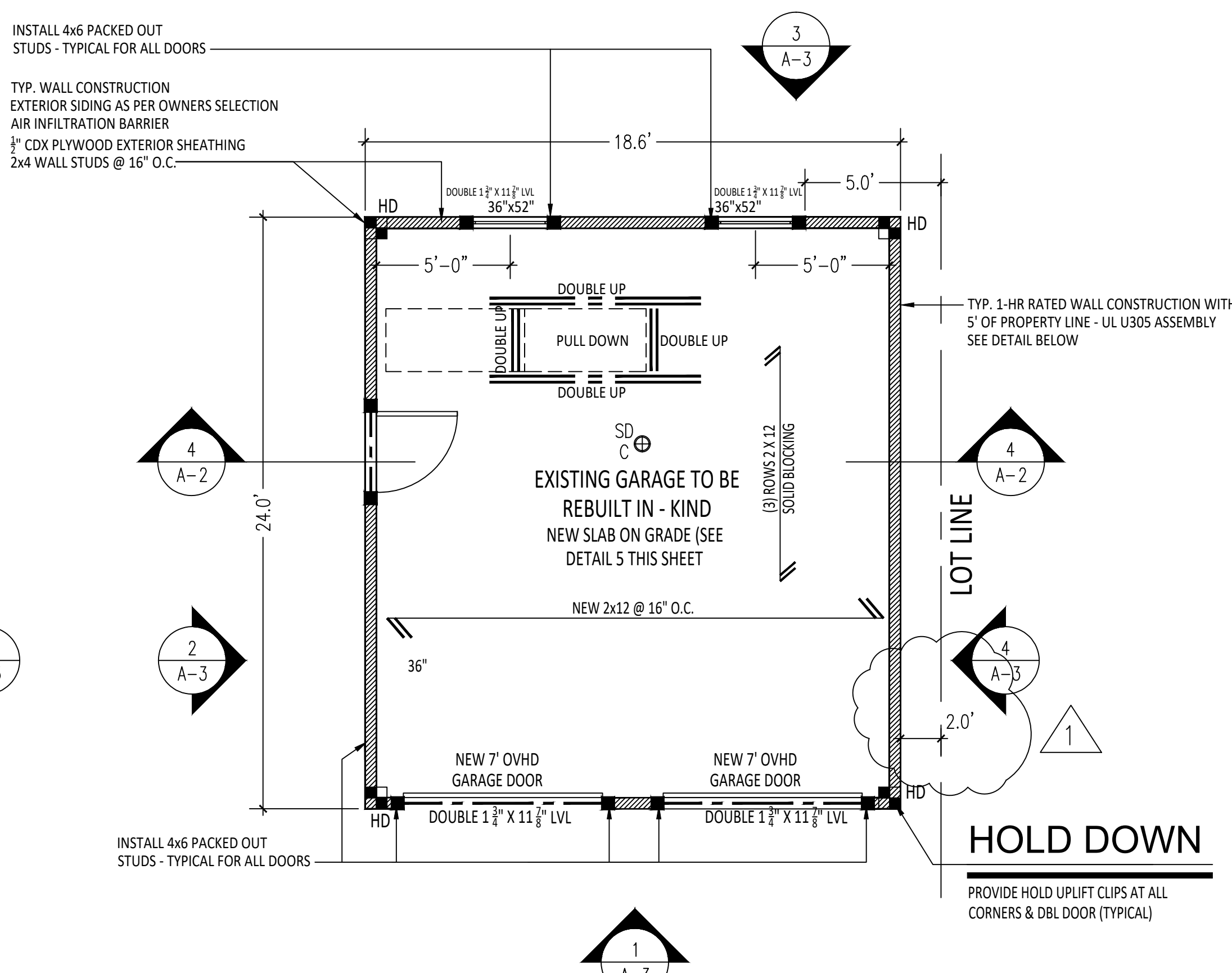
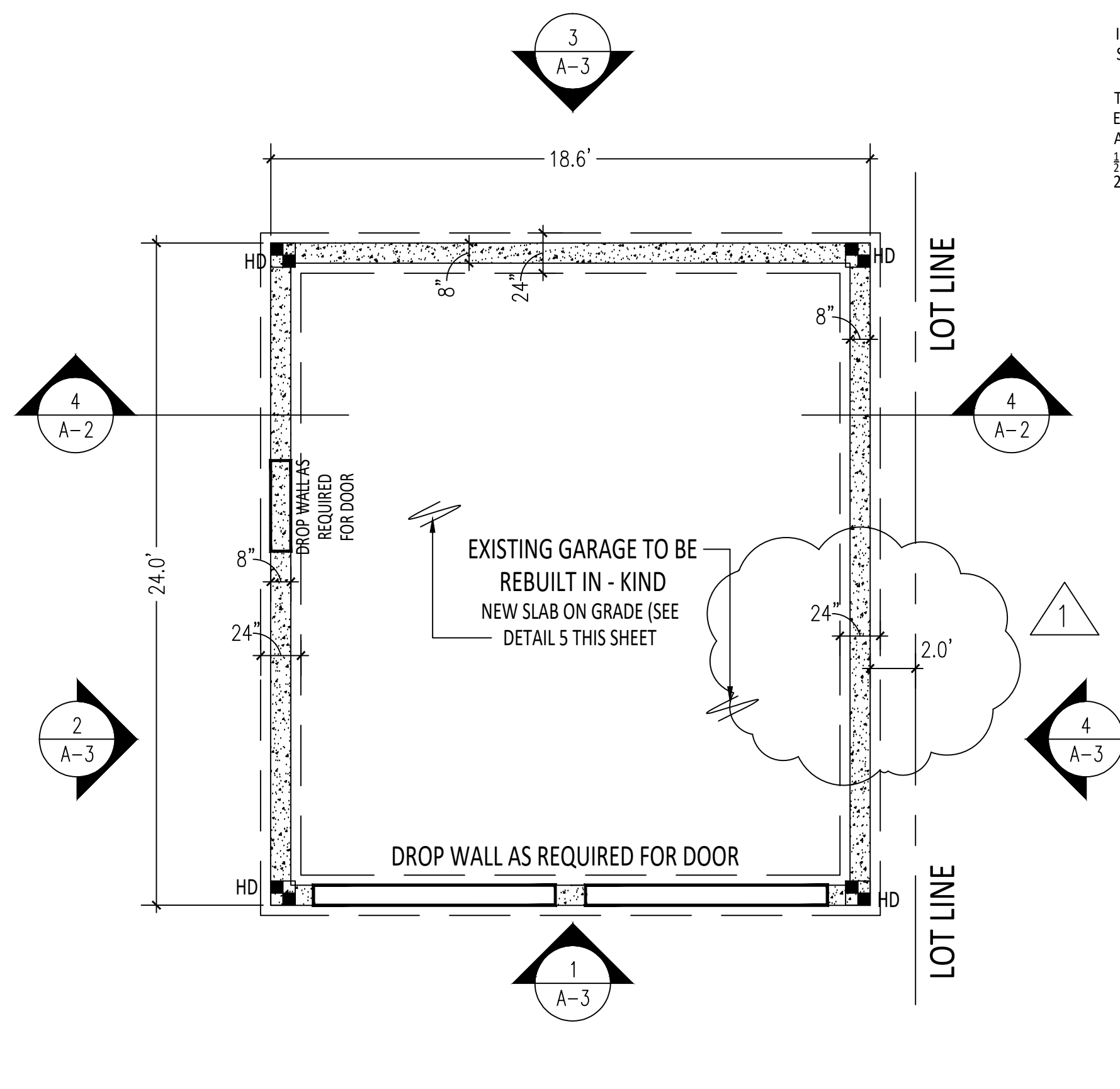
CHECKED & APPROVED BY:  
 GABY TCHILINGUIRIAN R.A.  
 DRAWN BY:  
 GABY TCHILINGUIRIAN R.A.  
 SHEET TITLE:  
 TITLE SHEET  
 Date: March 2023



DRAWING NUMBER:

**A-1**





**1 FOUNDATION PLAN**

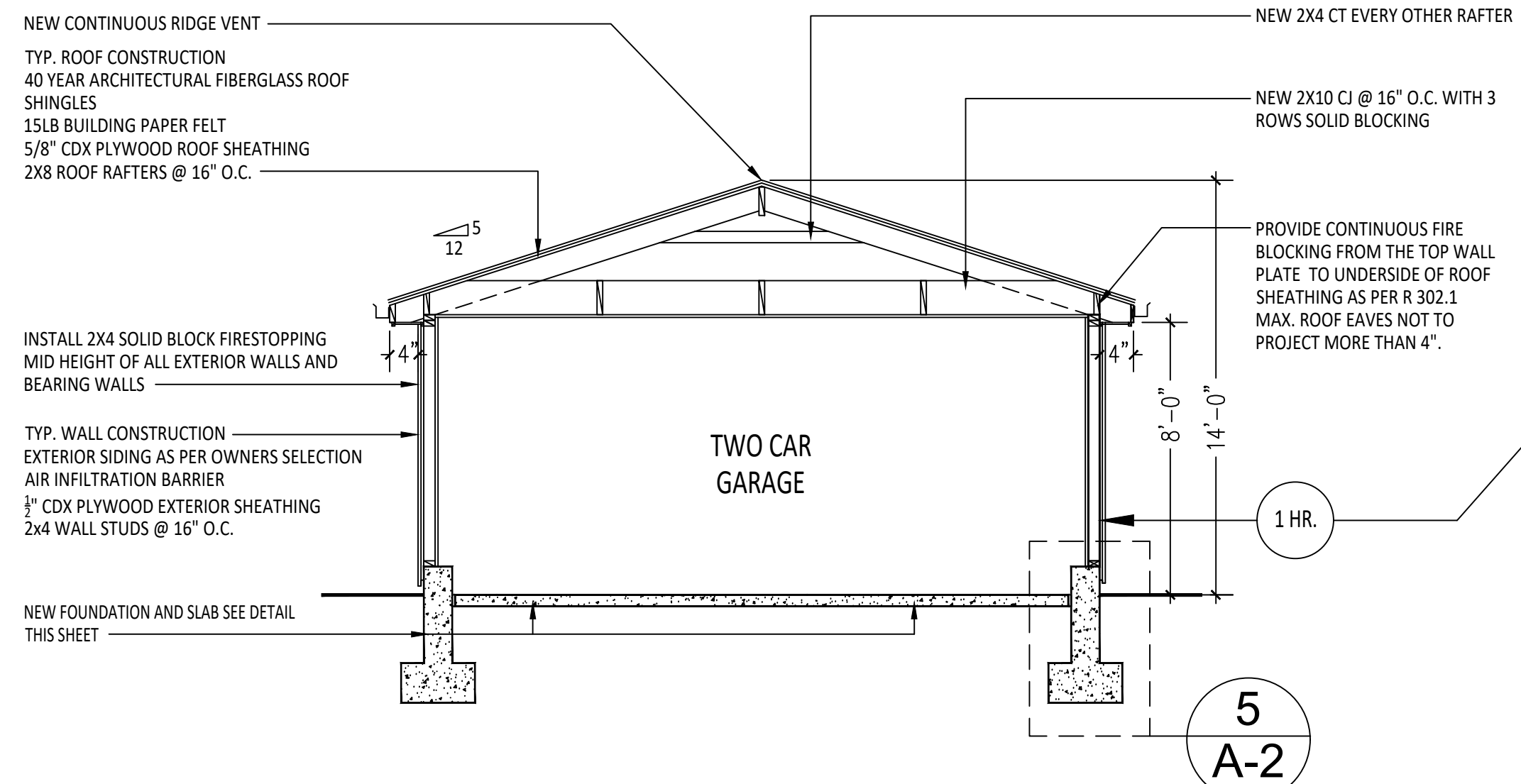
SCALE: 1/4" - 1'-0"

**2 GARAGE FLOOR PLAN**

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

**3 ROOF PLAN**

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



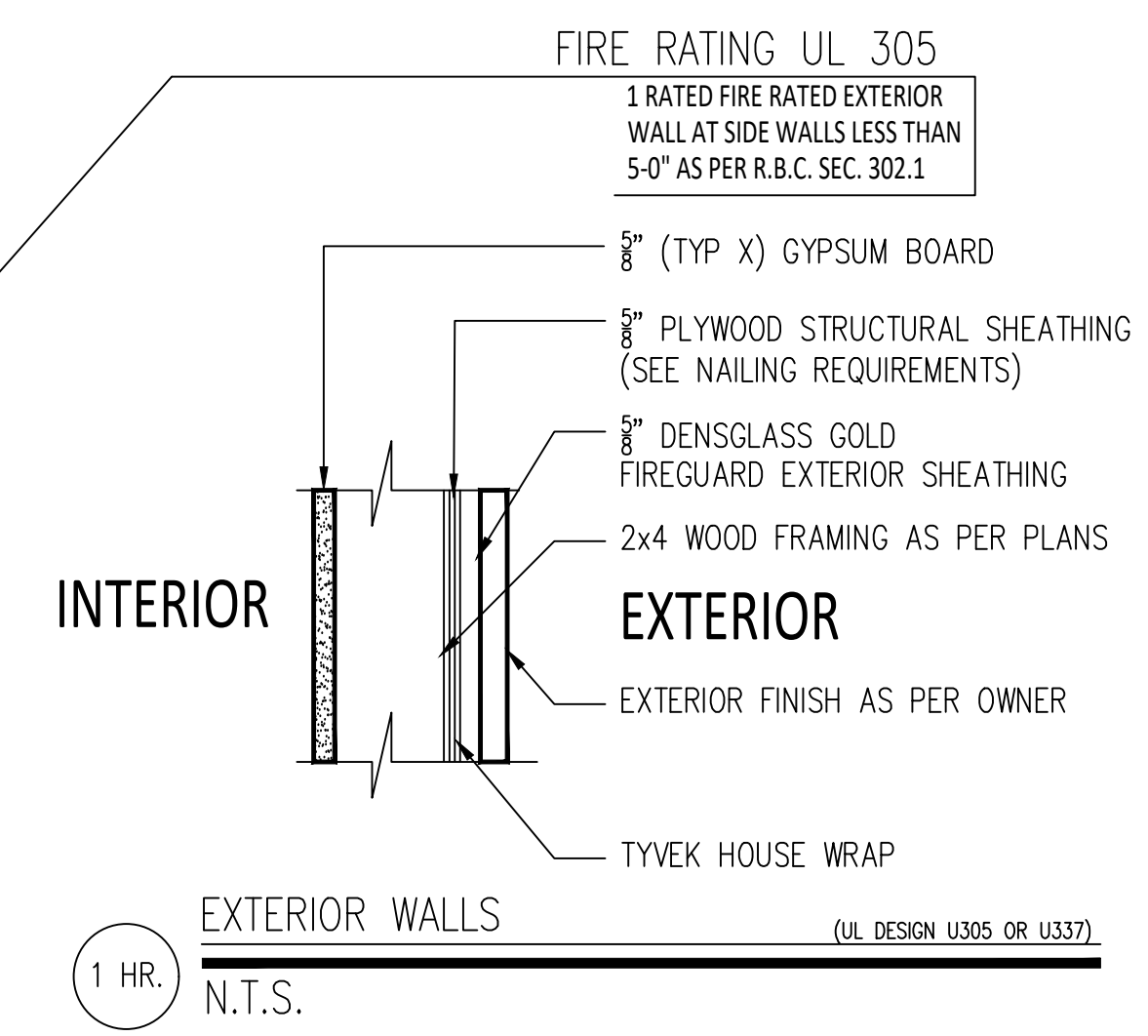
**4 BUILDING SECTION**

**EXTERIOR LUMBER NOTE:**

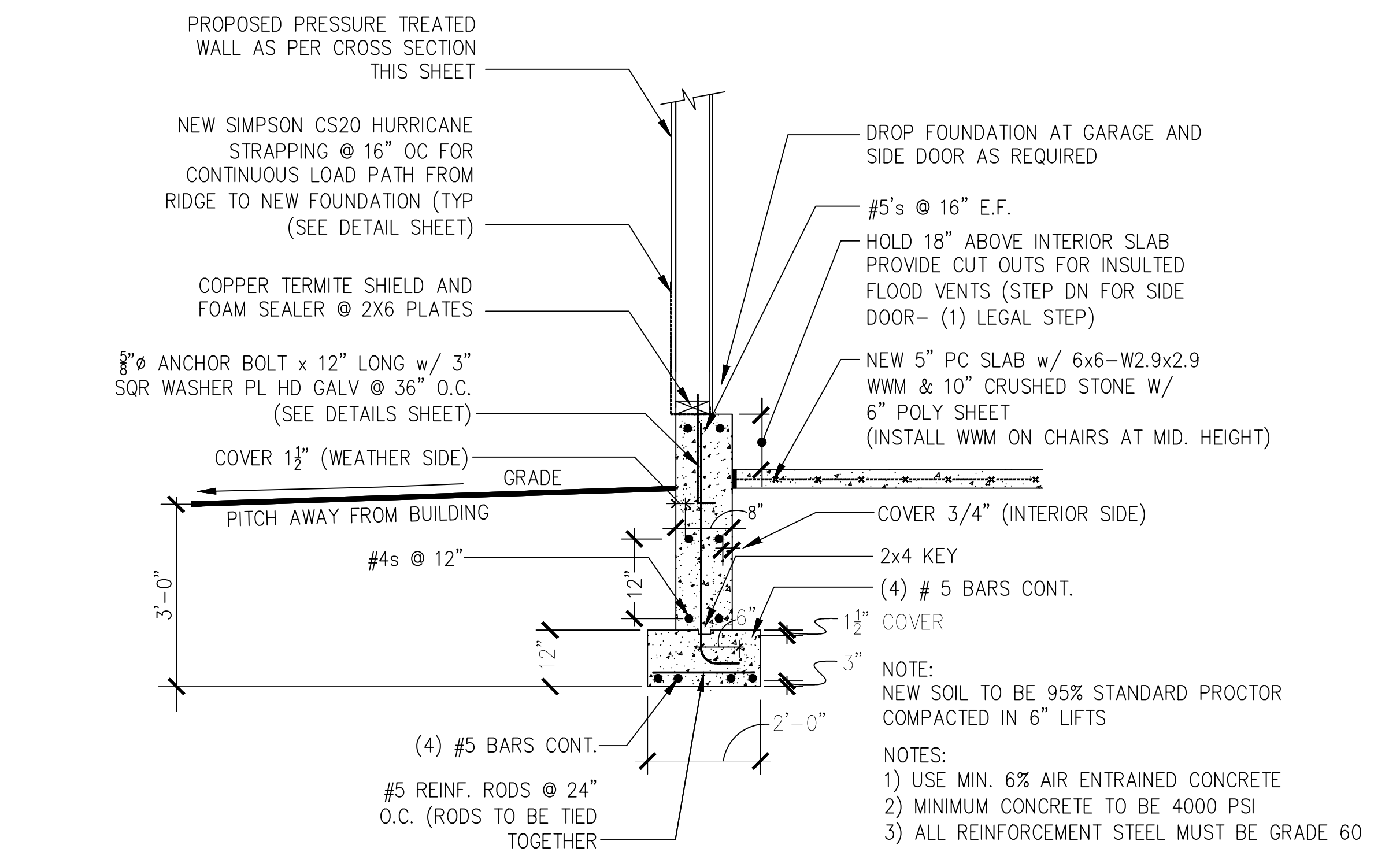
ALL EXTERIOR LUMBER TO BE PRESSURE TREATED TYPE  
 ALL FASTENERS FOR PRESSURE TREATED WOOD ARE TO BE HOT DIPPED GALVANIZED OR STAINLESS STEEL AS PER R319.3.

**SOIL CLASSIFICATION:**

NOTE: BOTTOM OF NEW FOUNDATIONS FOOTINGS TO BEAR 95% COMPACTED FILL OR SOIL CLASS SP 8-65 (2 TON SOIL BEARING CAPACITY)



**EXTERIOR WALLS**  
 (UL DESIGN U305 OR U337)  
 1 HR. N.T.S.



**5 FOUNDATION WALL AND FOOTING DETAIL**

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

**DEMOLITION PERFORMANCE DISCLAIMER:**

THE ARCHITECT AND OR HIS CONSULTANTS ASSUME NO RESPONSIBILITY FOR THE MEANS BY WHICH THE DEMOLITION IS PERFORMED. THE CONTRACTOR AND HIS SUB CONTRACTORS SHALL REMOVE AND/OR PERFORM ANY AND ALL DEMOLITION IN A PROFESSIONAL MANNER IN ACCORDANCE TO "GOOD GENERAL PRACTICES" SHOULD IN THE EVENT STRUCTURAL DAMAGE OCCUR DURING PERFORMING DEMOLITION PROCEDURES, THE G.C. SHALL STOP WORK IMMEDIATELY, TEMPORARILY STABILIZE AND CONTACT THE ARCHITECT IMMEDIATELY FOR RESOLUTION.

**LOAD PATH NOTE:**

ONCE STRUCTURE HAS BEEN EXPOSED CONTRACTOR TO REVIEW ALL LOAD BEARING WALLS FROM HIGHEST LEVEL OF DWELLING TO EXISTING FOUNDATION. SHOULD ANY LOAD BEARING WALLS BE EXPOSED OTHER THAN WHAT HAS BEEN SHOWN ON THESE PLANS CONTRACTOR TO STOP ALL WORK IMMEDIATELY AND CONTACT ARCHITECT FOR INSTRUCTIONS TO PROCEED.

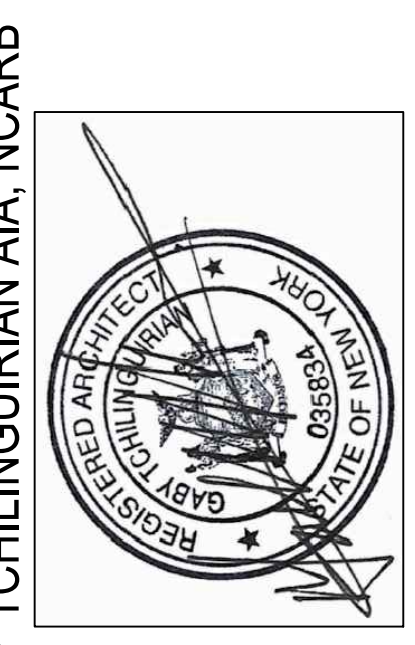
**UTILITY NOTE:**

G.C. TO VERIFY LOCATION OF ALL BELOW GROUND UTILITY LINES PRIOR TO THE DEMOLITION OF ANY BELOW GRADE EXCAVATIONS INCLUDING BUT NOT LIMITED TO GAS, ELECTRIC, SPRINKLER AND WATER LINES.

Gaby Tchilinguirian, R.A. Architect P.C.  
 18 MITCHELL ROAD  
 WESTHAMPTON BEACH, NY 11978  
 www.nyarchitectgt.com NYarchitectGT@gmail.com  
 OFFICE: (516) 297-6917

**THE LAUREANO RESIDENCE**  
 GARAGE REPLACEMENT DUE TO FIRE AND WATER DAMAGE  
 126 ST MARKS PLACE - ROSLYN HEIGHTS, NY 11577

CHECKED & APPROVED BY:  
 GABY TCHILINGUIRIAN R.A.  
 DRAWN BY:  
 GABY TCHILINGUIRIAN R.A.  
 SHEET TITLE:  
 TITLE SHEET  
 Date: March 2023



DRAWING NUMBER:

**A-2**



**DEMOLITION PERFORMANCE DISCLAIMER:**

THE ARCHITECT AND OR HIS CONSULTANTS ASSUME NO RESPONSIBILITY FOR THE MEANS BY WHICH THE DEMOLITION IS PERFORMED. THE CONTRACTOR AND HIS SUB CONTRACTORS SHALL REMOVE AND/OR PERFORM ANY AND ALL DEMOLITION IN A PROFESSIONAL MANNER IN ACCORDANCE TO "GOOD GENERAL PRACTICES" SHOULD IN THE EVENT STRUCTURAL DAMAGE OCCUR DURING PERFORMING DEMOLITION PROCEDURES, THE G.C. SHALL STOP WORK IMMEDIATELY, TEMPORARILY STABILIZE AND CONTACT THE ARCHITECT IMMEDIATELY FOR RESOLUTION.

**LOAD PATH NOTE:**

ONCE STRUCTURE HAS BEEN EXPOSED CONTRACTOR TO REVIEW ALL LOAD BEARING WALLS FROM HIGHEST LEVEL OF DWELLING TO EXISTING FOUNDATION. SHOULD ANY LOAD BEARING WALLS BE EXPOSED OTHER THAN WHAT HAS BEEN SHOWN ON THESE PLANS CONTRACTOR TO STOP ALL WORK IMMEDIATELY AND CONTACT ARCHITECT FOR INSTRUCTIONS TO PROCEED.

**SOIL CAPACITY**

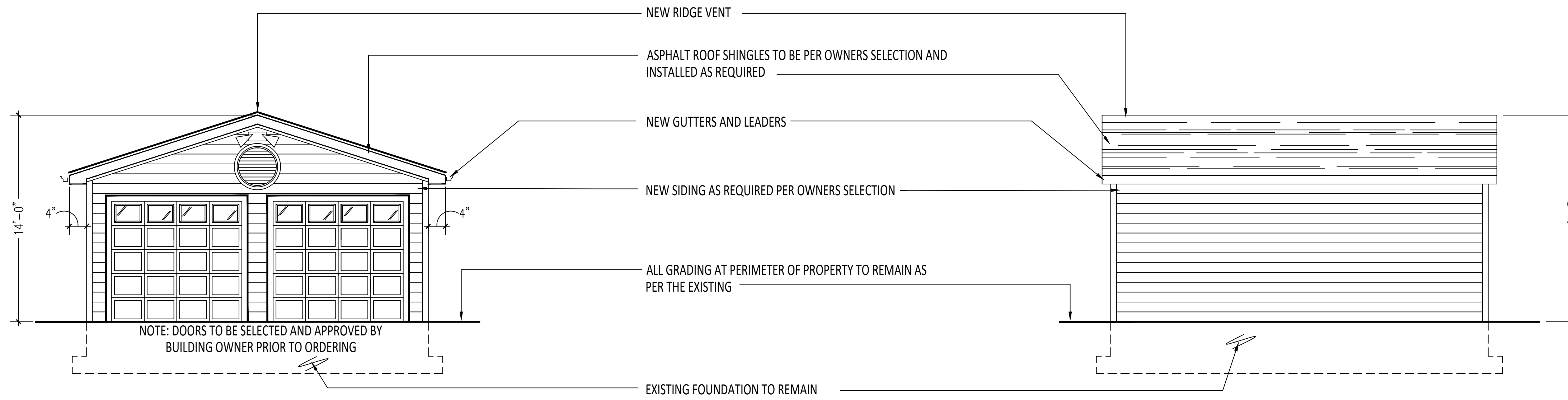
NOTE: BOTTOM OF NEW FOUNDATIONS FOOTINGS TO BEAR 95% COMPACTED FILL OR SOIL CLASS SP 8-65 (2 TON SOIL BEARING CAPACITY)

**PLUMBING:**

LICENSED PLUMBER TO EVALUATE ALL EXISTING PLUMBING COMPONENTS AND MAKE READY ALL FIXTURES TO BE APPROVED BY OWNER PRIOR TO ORDERING

**ELECTRICAL:**

LICENSED ELECTRICIAN TO EVALUATE ALL EXISTING ELECTRICAL COMPONENTS AND MAKE READY ALL FIXTURES TO BE APPROVED BY OWNER PRIOR TO ORDERING



**1 FRONT (NORTH) ELEVATION**

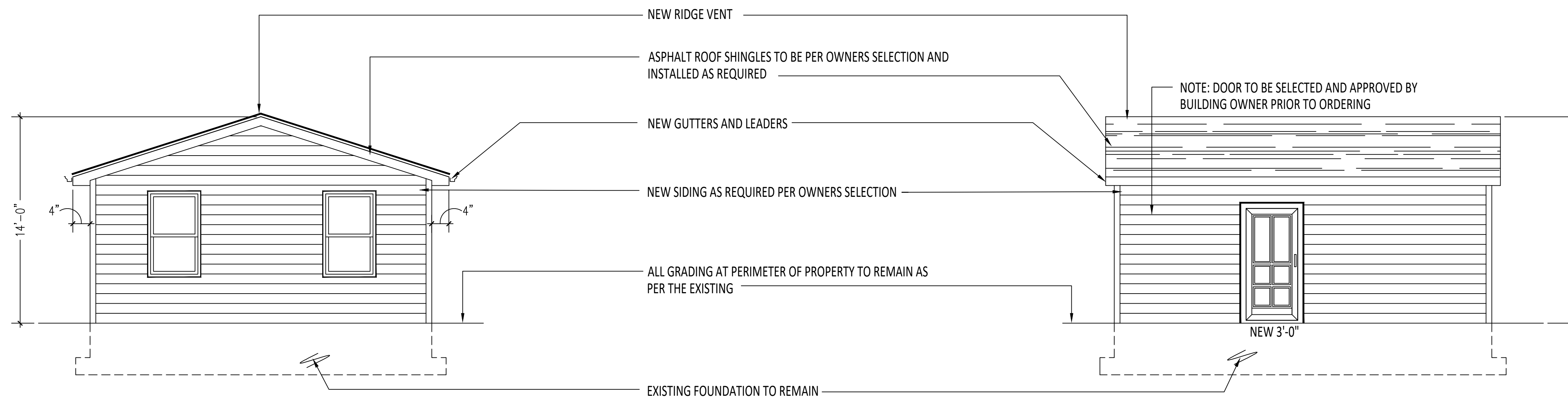
NOTE: ALL EXTERIOR COLORS AND FINISHES TO BE PRESENTED AND SELECTED BY PROPERTY OWNER PRIOR TO ORDER

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

**2 SIDE (WEST) ELEVATION**

NOTE: ALL EXTERIOR COLORS AND FINISHES TO BE PRESENTED AND SELECTED BY PROPERTY OWNER PRIOR TO ORDER

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



**3 REAR (SOUTH) ELEVATION**

NOTE: ALL EXTERIOR COLORS AND FINISHES TO BE PRESENTED AND SELECTED BY PROPERTY OWNER PRIOR TO ORDER

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

**4 SIDE (EAST) ELEVATION**

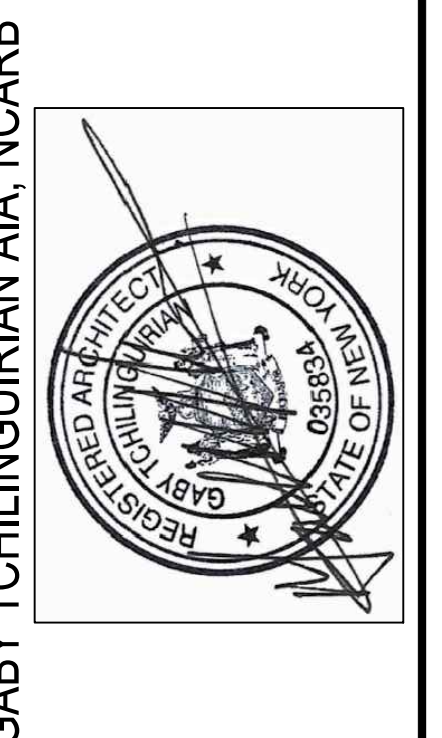
NOTE: ALL EXTERIOR COLORS AND FINISHES TO BE PRESENTED AND SELECTED BY PROPERTY OWNER PRIOR TO ORDER

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

Gaby Tchilinguirian, R.A. Architect P.C.  
18 MITCHELL ROAD  
WESTHAMPTON BEACH, NY 11978  
www.nyarchitect.com NYarchitectGT@gmail.com  
OFFICE: (516) 297-6917

**THE LAUREANO RESIDENCE**  
GARAGE REPLACEMENT DUE TO FIRE AND WATER DAMAGE  
126 ST MARKS PLACE - ROSLYN HEIGHTS, NY 11577

CHECKED & APPROVED BY:  
GABY TCHILINGUIRIAN R.A.  
DRAWN BY:  
GABY TCHILINGUIRIAN R.A.  
SHEET TITLE:  
TITLE SHEET  
Date: March 2023



DRAWING NUMBER:

**A-3**



**ZONING INFORMATION**

TOWN OF NORTH HEMPSTEAD

SECTION: 7 BLOCK: 45 LOT(S): 54

| ZONE: RES. B        | REQUIRED     | EXISTING       | PROPOSED     |
|---------------------|--------------|----------------|--------------|
| LOT AREA            | 6,000 SQ.FT. | 6,000 SQ.FT.   | NO CHANGE    |
| LOT WIDTH           | 50 FT.       | 60 FT.         | NO CHANGE    |
| FRONT YARD          | 24.8 FT.     | 24.6 FT.       | NO CHANGE    |
| REAR YARD           | 15 FT.       | 32.1 FT.       | NO CHANGE    |
| SIDE YARD (MIN)     | 7 FT.        | 5.8 FT.        | 6.8 FT.      |
| SIDE YARD (AGG)     | 18 FT.       | 12.6 FT.       | 18 FT.       |
| BUILDING HEIGHT     | 30 FT.       | ± 21.72 FT.    | ± 24.95 FT.  |
| LOT COVERAGE        | 30 %         | 22.6 %         | 24.98 %      |
| GROSS FLOOR AREA    | 45 %         | 31.5 %         | 44.45 %      |
| GROSS FLOOR AREA    | 3,400 SQ.FT. | 1,888.6 SQ.FT. | 2,697 SQ.FT. |
| SKY EXPOSURE        | 3V,1H        | N/A            | PASS         |
| FRONT YARD PAVING   | 45 %         | N/A            | 37.1 %       |
| EAVE HEIGHT         | 22 FT.       | N/A            | 19.13 FT.    |
| ACCESSORY BUILDINGS |              |                |              |
| REAR YARD           | 3 FT.        | N/A            | 3 FT.        |
| SIDE YARD           | 3 FT.        | N/A            | 3 FT.        |
| BUILDING HEIGHT     | 15 FT.       | N/A            | 13.3 FT.     |
| REAR YARD COVERAGE  | 40 %         | N/A            | 12.5 %       |

**ZONING CALCULATIONS**

| ZONE: RES. B | LOT COV.     | G.F.A.       | F. YD. PAVING | REAR YD. COV. |
|--------------|--------------|--------------|---------------|---------------|
| LOT AREA     | 6,000 SQ.FT. | 6,000 SQ.FT. | 1,566 SQ.FT.  | 1,926 SQ.FT.  |
| 1ST FLOOR    | 1,520        | 1,520        | -             | -             |
| 2ND FLOOR    | -            | 1,177        | -             | -             |
| PORTICO      | 39           | -            | -             | -             |
| GARAGE       | 240          | -            | -             | 240           |
| DRIVEWAY     | -            | -            | 376           | -             |
| WALKWAY      | -            | -            | 206           | -             |
| TOTAL        | 1,799 SQ.FT. | 2,697 SQ.FT. | 582 SQ.FT.    | 240 SQ.FT.    |
| TOTAL        | 29.98 %      | 44.95 %      | 37.1 %        | 12.5 %        |

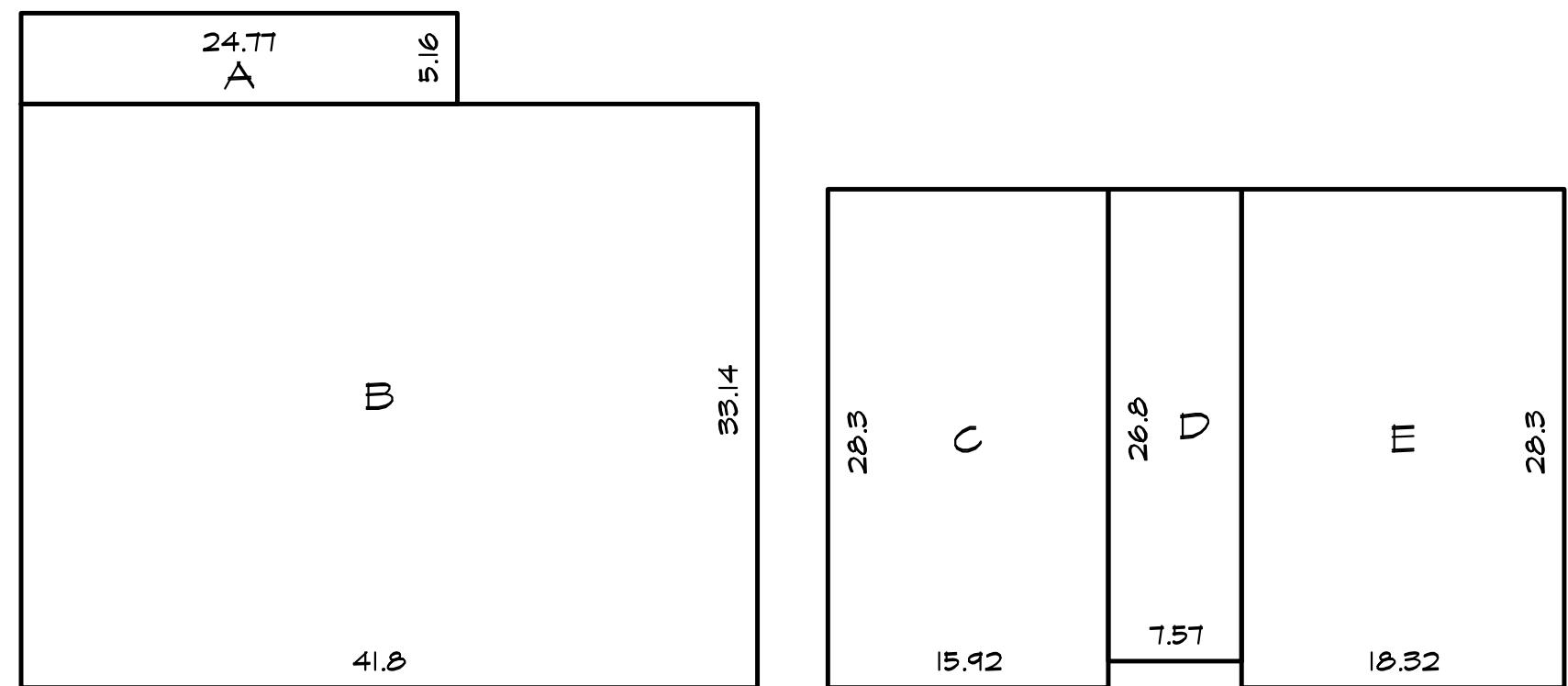
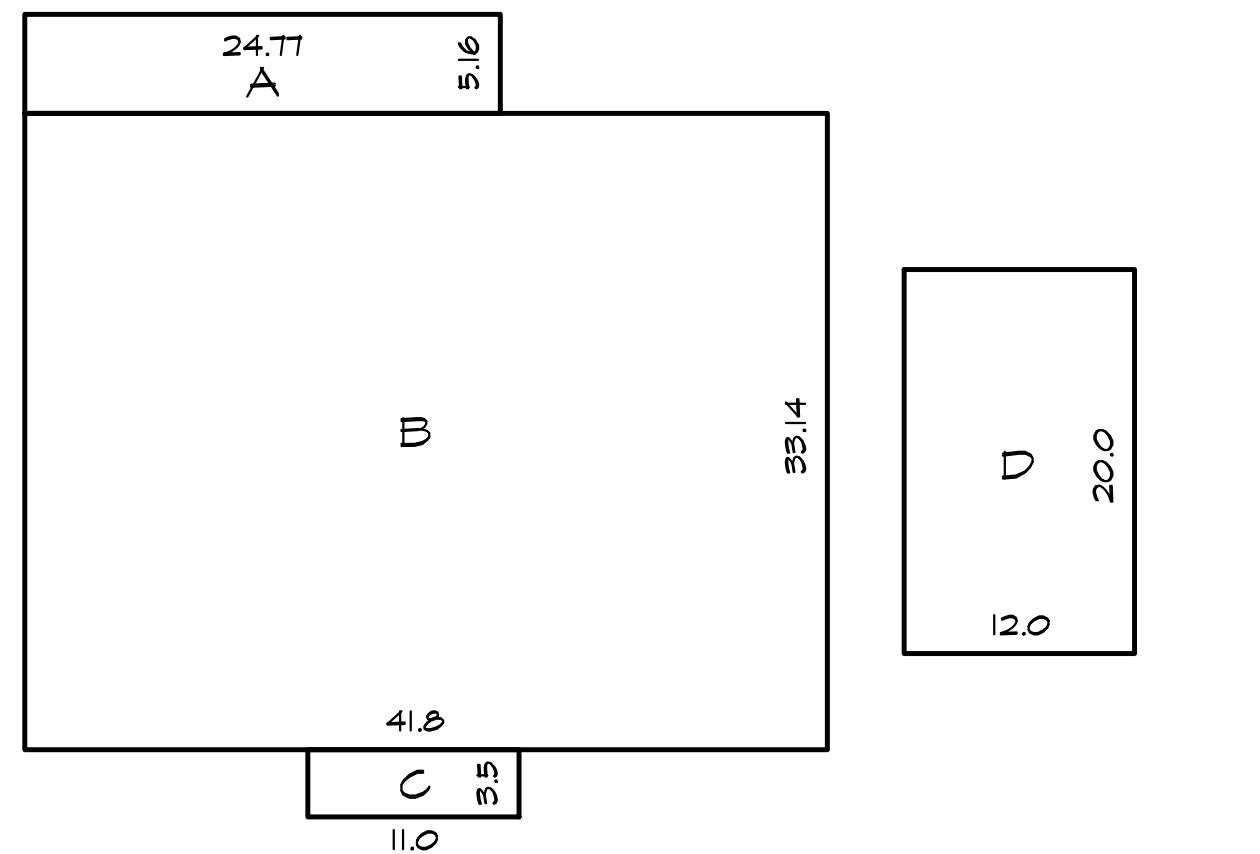
**PROPOSED:**

- DEMO EXISTING 1ST FLOOR & REPLACE W/ NEW (965 SQ.FT.)
- DEMO EXISTING 1/2 STORY & REPLACE W/ NEW 2ND STORY (1,177 SQ.FT.)
- DEMO PORTION OF EXISTING FOUNDATION
- 1 STORY ADDITION (555 SQ.FT.)
- PORTICO (39 SQ.FT.) W/ STEPS
- CELLAR ENTRY
- REAR STEPS
- FRONT WALKWAY TO REPLACE EXISTING
- EXTENSION/MODIFICATION OF EXISTING CONCRETE DRIVEWAY
- DETACHED GARAGE (240 SQ.FT.)

**#21542**

**TOC ARCHITECTS**  
TODD O'CONNELL ARCHITECT P.C.  
TODD O'CONNELL, AIA  
1200 Veterans Memorial Highway  
Suite 120  
Hauppauge, NY 11788  
P (631) 650-6666  
F (631) 650-6667  
C (516) 658-0325  
www.tocarchitects.com  
todd@tocarchitects.com

REGISTERED ARCHITECT  
TODD O'CONNELL  
027935  
STATE OF NEW YORK

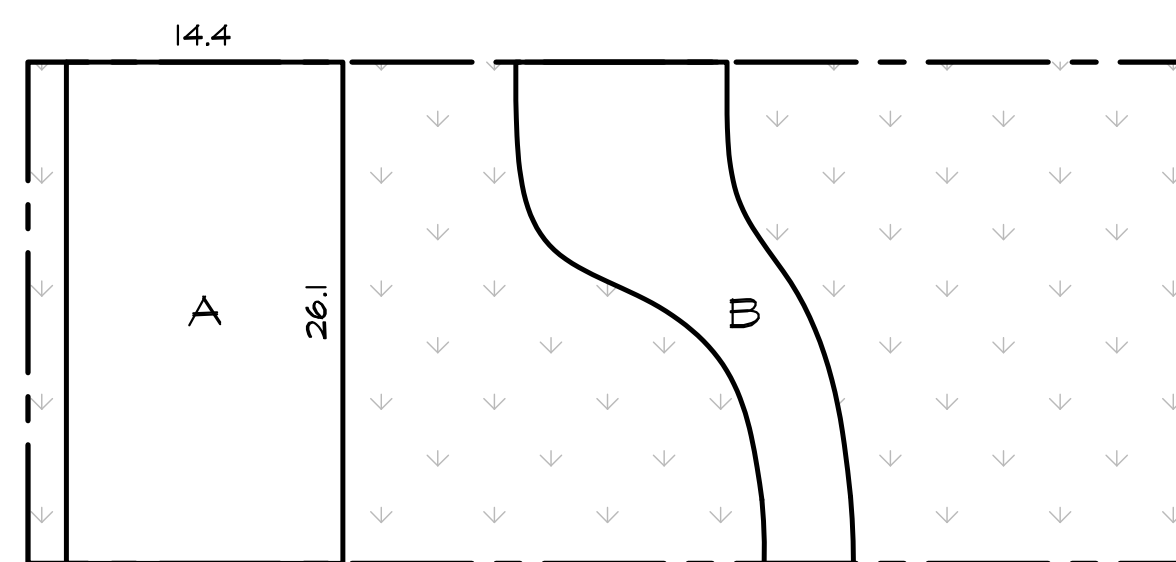


**LOT COVERAGE**

|              | 24.71 | 5.16  | 127.81  |
|--------------|-------|-------|---------|
| A            | 24.71 | 5.16  | 127.81  |
| B            | 41.80 | 33.14 | 1385.25 |
| C            | 11.00 | 3.50  | 38.50   |
| D            | 12.00 | 20.00 | 240.00  |
| TOTAL SQ.FT. |       |       | 1791.57 |
| TOTAL %      |       |       | 29.86%  |

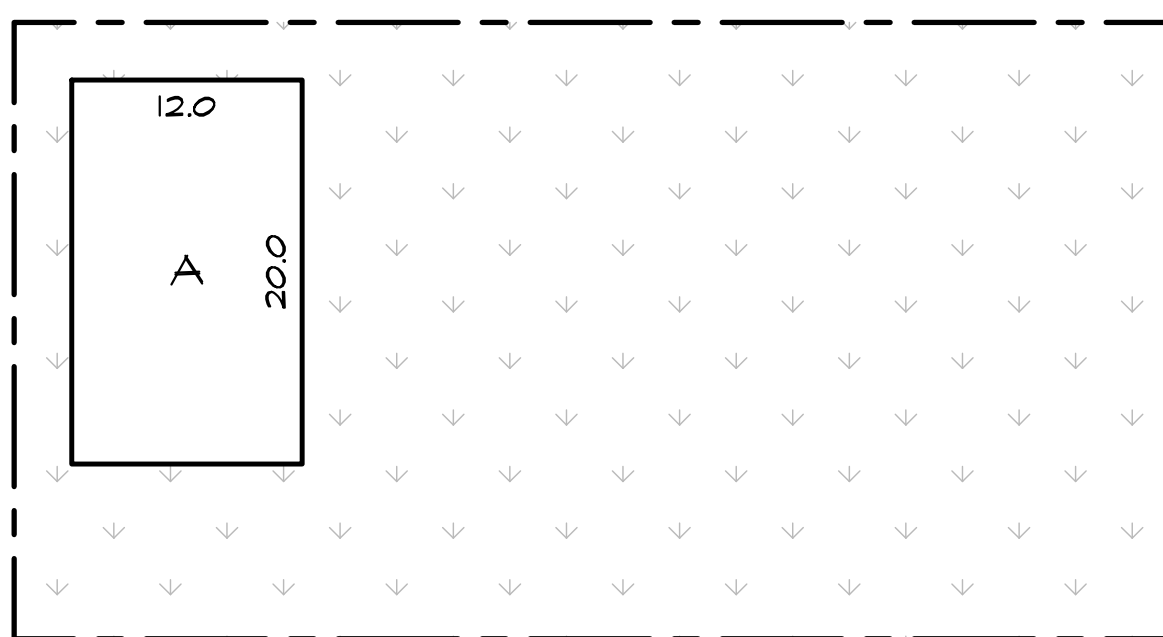
**GROSS FLOOR AREA**

|              | 24.71 | 5.16  | 127.81  |
|--------------|-------|-------|---------|
| A            | 24.71 | 5.16  | 127.81  |
| B            | 41.80 | 33.14 | 1385.25 |
| C            | 15.92 | 26.30 | 450.54  |
| D            | 7.57  | 26.80 | 202.88  |
| E            | 18.32 | 26.30 | 518.46  |
| TOTAL SQ.FT. |       |       | 2684.95 |
| TOTAL %      |       |       | 44.75%  |



**FRONT YARD PAVING**

|              | 14.40 | 26.10 | 375.84 |
|--------------|-------|-------|--------|
| A            | 14.40 | 26.10 | 375.84 |
| B            | IRR.  | IRR.  | 205.71 |
| TOTAL SQ.FT. |       |       | 581.55 |
| TOTAL %      |       |       | 37.14% |



**REAR YARD COVERAGE**

|              | 12.00 | 20.00 | 240.00 |
|--------------|-------|-------|--------|
| A            | 12.00 | 20.00 | 240.00 |
| TOTAL SQ.FT. |       |       | 240.00 |
| TOTAL %      |       |       | 12.46% |

**CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**  
TABLE R301.2(1)

| GROUND SNOW LOAD | WIND DESIGN |                         | SEISMIC DESIGN          |                         | SUBJECT TO DAMAGE FROM  |            |                  | ICE BARRIER REQUIRED | FLOOD HAZARDS | AIR FREEZING INDEX | MEAN ANNUAL TEMP       |              |                    |
|------------------|-------------|-------------------------|-------------------------|-------------------------|-------------------------|------------|------------------|----------------------|---------------|--------------------|------------------------|--------------|--------------------|
|                  | SPEED (MPH) | TOPOG. RAINFALL EFFECTS | SPECIAL RAINFALL REGION | WIND BORN DEBRIS ZONE # | SEISMIC DESIGN CATEGORY | WEATHERING | FROST LINE DEPTH |                      |               |                    |                        | TERMITE      | WINTER DESIGN TEMP |
| 30               | 150/15      | No                      | No                      | 1 (MILE FROM COAST)     | B                       | SEVERE     | BOF 3.5 FT BFG   | MOD TO HEAVY         | B             | YES                | EMMA FLOOD MAP PANEL # | 1500 OR LESS | 55.4               |

**MANUEL J DESIGN CRITERIA**

| ELEVATION | LATITUDE | WINTER HEATING | SUMMER COOLING | ALTITUDE CORRECTION FACTOR | INDOOR DESIGN TEMPERATURE | DESIGN TEMPERATURE COOLING | HIGH TEMPERATURE DIFFERENCE |
|-----------|----------|----------------|----------------|----------------------------|---------------------------|----------------------------|-----------------------------|
| -----     | -----    | -----          | -----          | -----                      | -----                     | -----                      | -----                       |

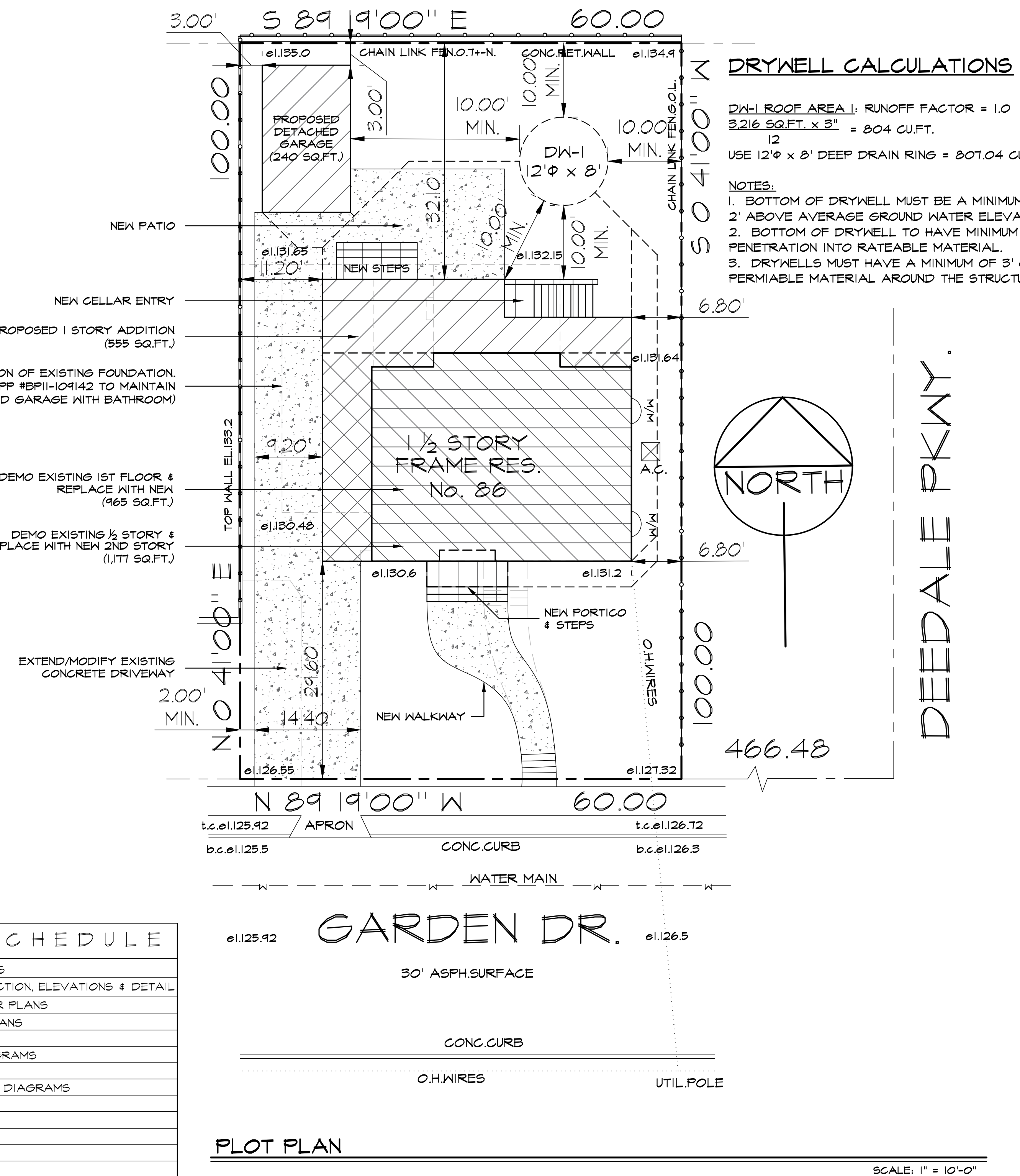
| COOLING TEMPERATURE DIFFERENCE | WIND VELOCITY HEATING | WIND VELOCITY COOLING | CONDENSANT NET BULB | DAILY RANGE | WINTER HUMIDITY | SUMMER HUMIDITY |
|--------------------------------|-----------------------|-----------------------|---------------------|-------------|-----------------|-----------------|
| -----                          | -----                 | -----                 | -----               | -----       | -----           | -----           |

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE FOLLOWING:

- 2020 RESIDENTIAL CODE OF NEW YORK STATE PUBLICATION NOVEMBER 2019
  - 2020 RESIDENTIAL CODE OF NEW YORK STATE CHAPTERS 12-23 FOR MECHANICAL SYSTEMS
  - 2020 RESIDENTIAL CODE OF NEW YORK STATE CHAPTERS 24 FOR FUEL & GAS SYSTEMS
  - 2020 RESIDENTIAL CODE OF NEW YORK STATE CHAPTERS 25-33 FOR PLUMBING SYSTEMS
  - 2020 RESIDENTIAL CODE OF NEW YORK STATE CHAPTERS 34-42 FOR ELECTRICAL SYSTEMS
  - 2020 ENERGY CONSERVATION CODE OF NEW YORK STATE AS ADOPTED WITH THE 2018 IECC
- THE PROJECT COMPLIANCE METHOD CHOSEN IS TOTAL UA-ALTERNATIVE AND A RESCHECK HAS BEEN SUBMITTED WITH THESE DRAWINGS

**DRAWING SCHEDULE**

|      |                                                  |
|------|--------------------------------------------------|
| A.1  | PLOT PLAN, ZONING & NOTES                        |
| A.2  | GARAGE FLOOR PLANS, SECTION, ELEVATIONS & DETAIL |
| A.3  | FOUNDATION & FIRST FLOOR PLANS                   |
| A.4  | SECOND FLOOR & ROOF PLANS                        |
| A.5  | ELEVATIONS                                       |
| A.6  | SKY EXPOSURE PLANE DIAGRAMS                      |
| A.7  | SECTIONS & DETAILS                               |
| A.8  | DETAILS & PLUMBING RISER DIAGRAMS                |
| A.9  | DETAILS                                          |
| A.10 | DETAILS                                          |
| A.11 | NOTES                                            |
| A.12 | NOTES                                            |
| A.13 | NOTES                                            |



CONSULTANTS:  
NYS LIC #021935

CHECKED BY:  
TOC

DRAWN BY:  
JAK

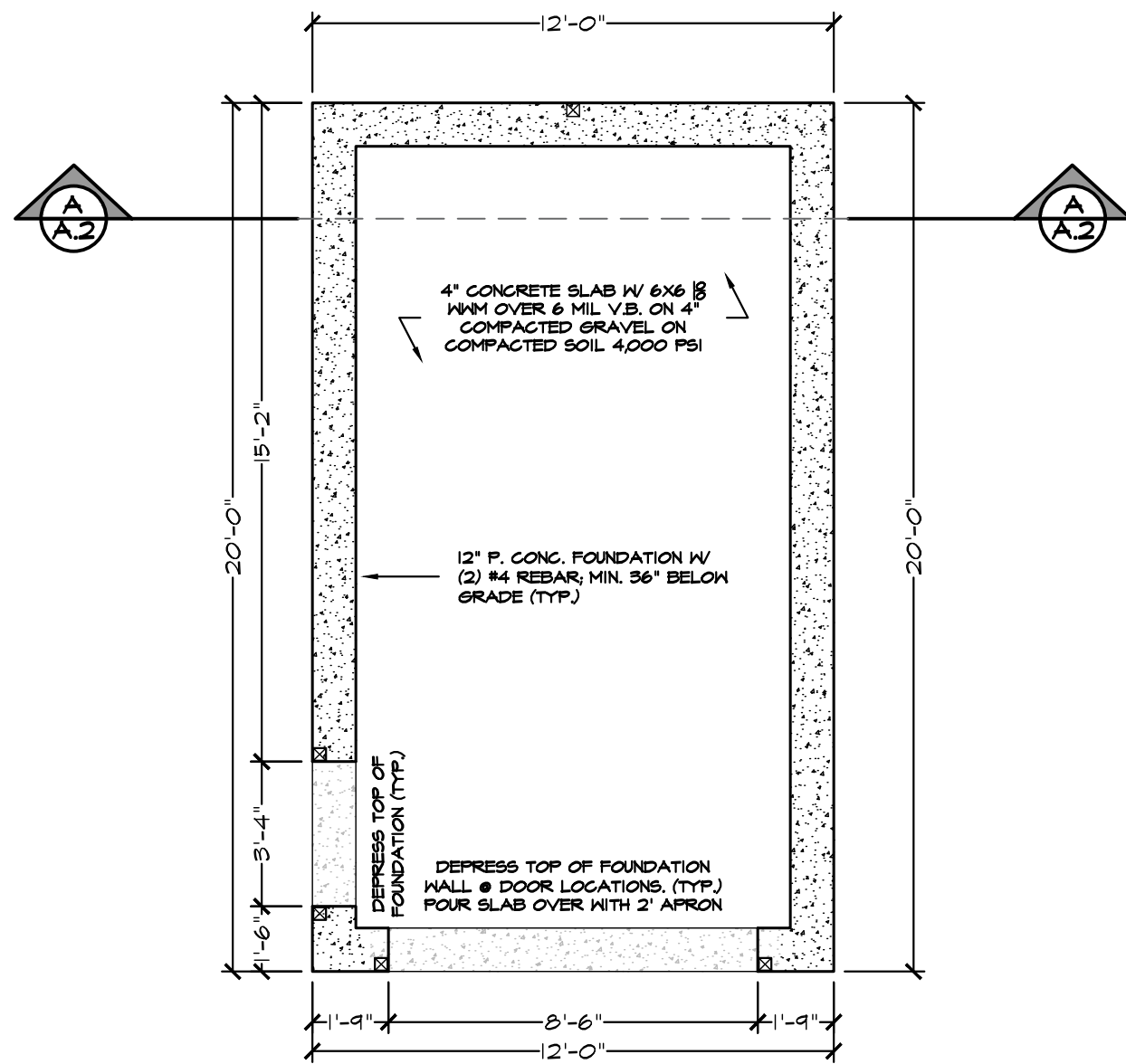
REVISIONS PER TOWN COMMENTS  
1/26/2024  
02/27/2025

DATE: NOTE:  
BY:

PROP. ADDITION & ALTERATIONS  
ASKARINAM RESIDENCE  
86 GARDEN DRIVE  
ALBERTSON, NY 11507

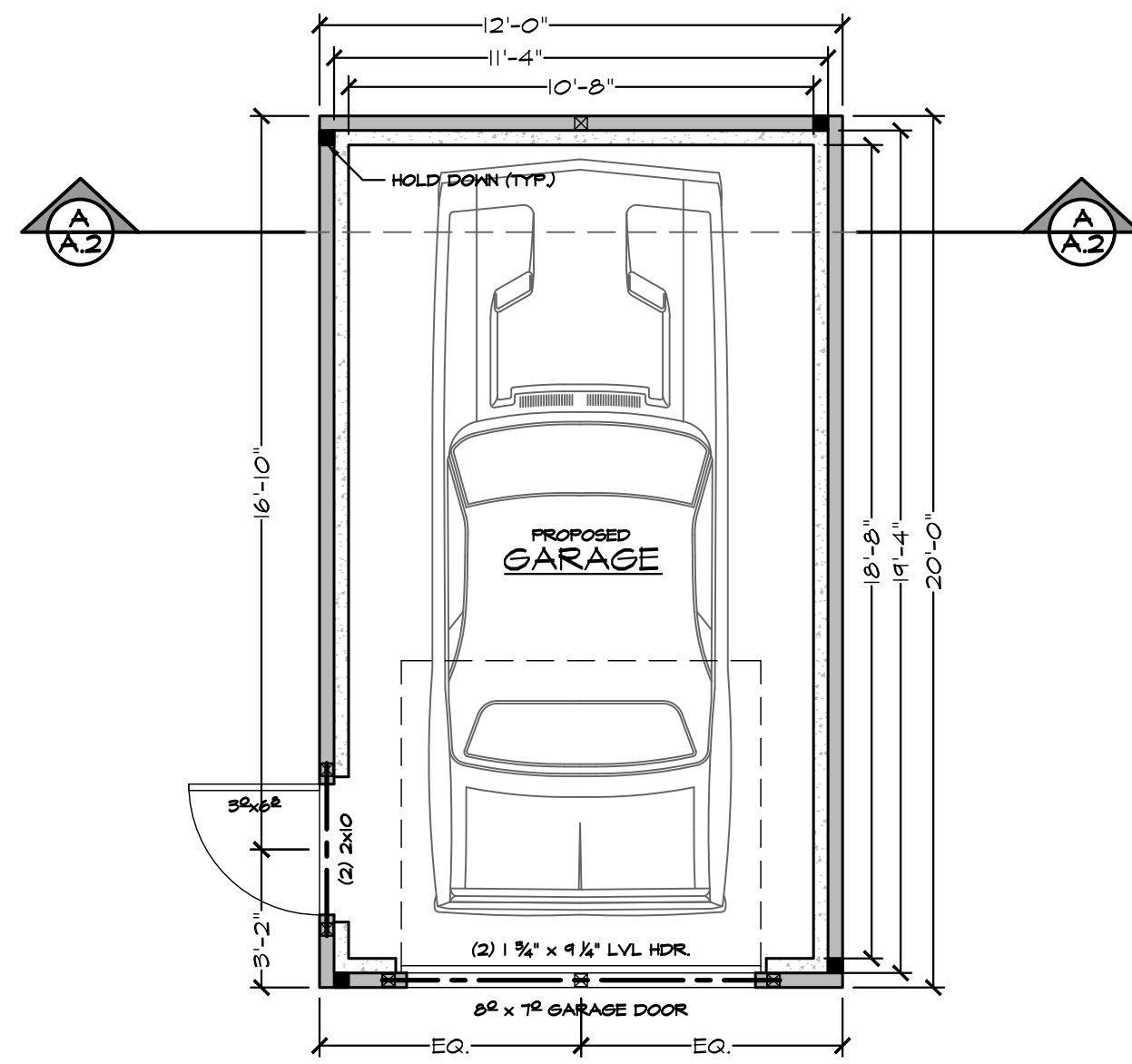
JOB#: AS-18-951  
DATE: 1-26-2024  
SCALE: AS NOTED  
DRAWING NUMBER  
**A.1**





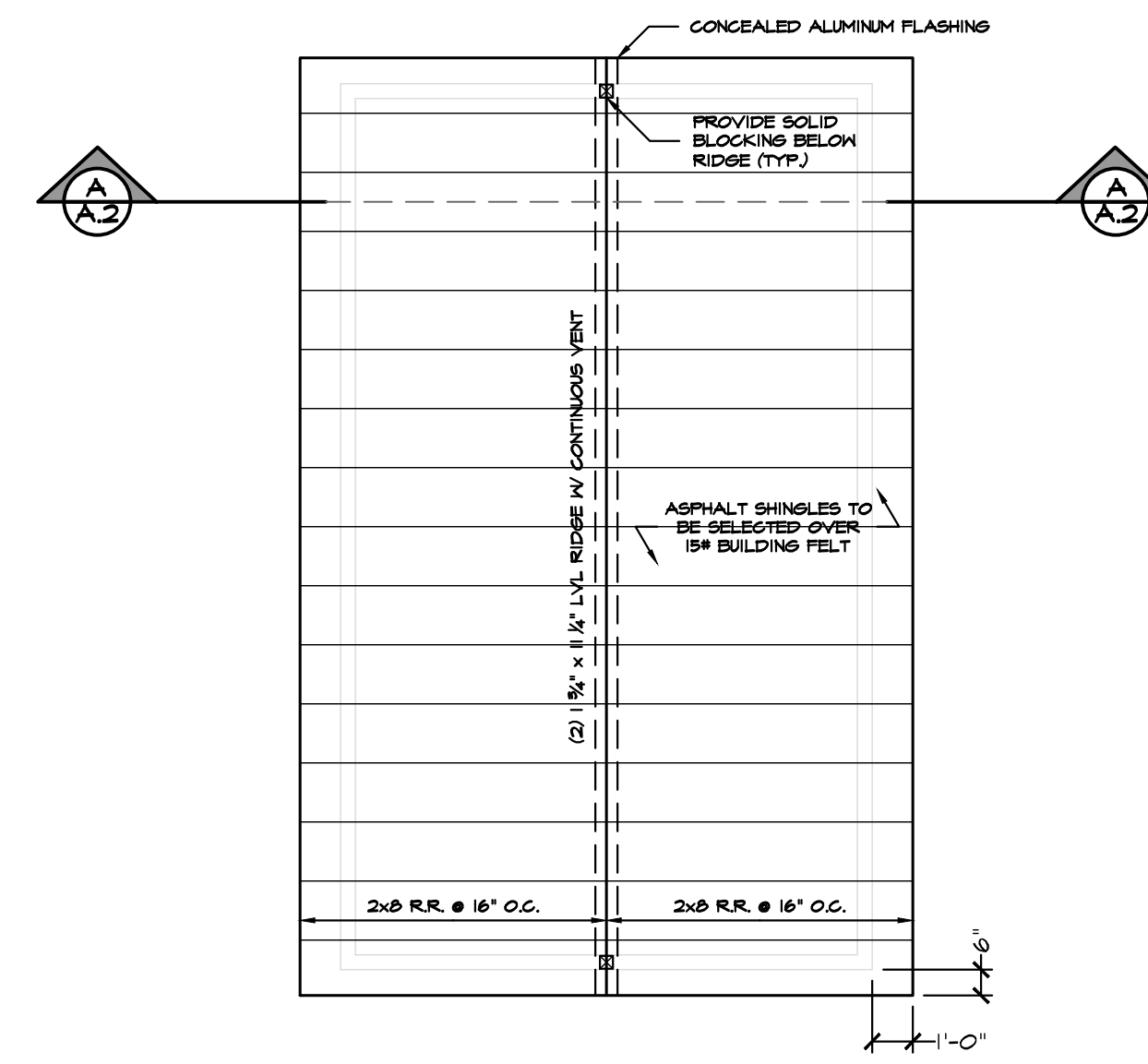
**GARAGE FOUNDATION PLAN**

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



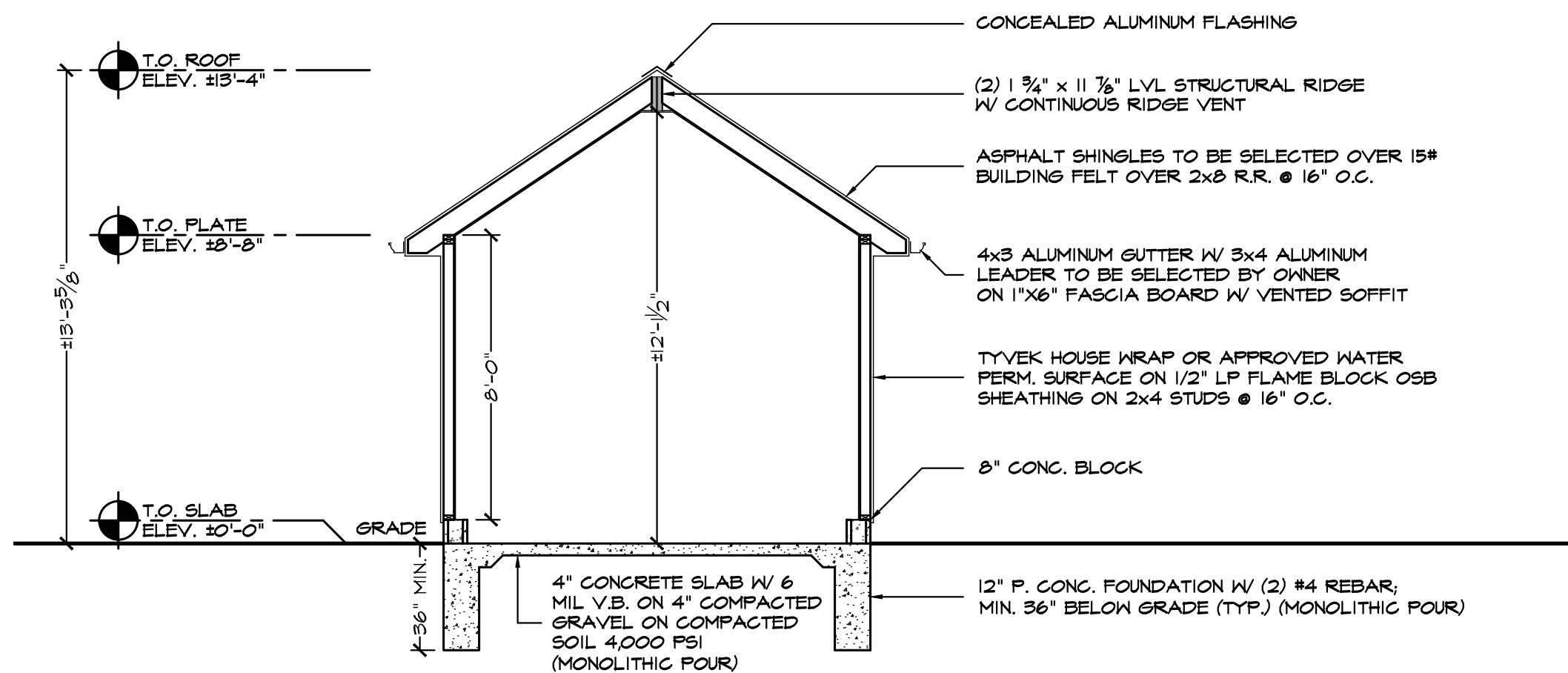
**GARAGE FLOOR PLAN**

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



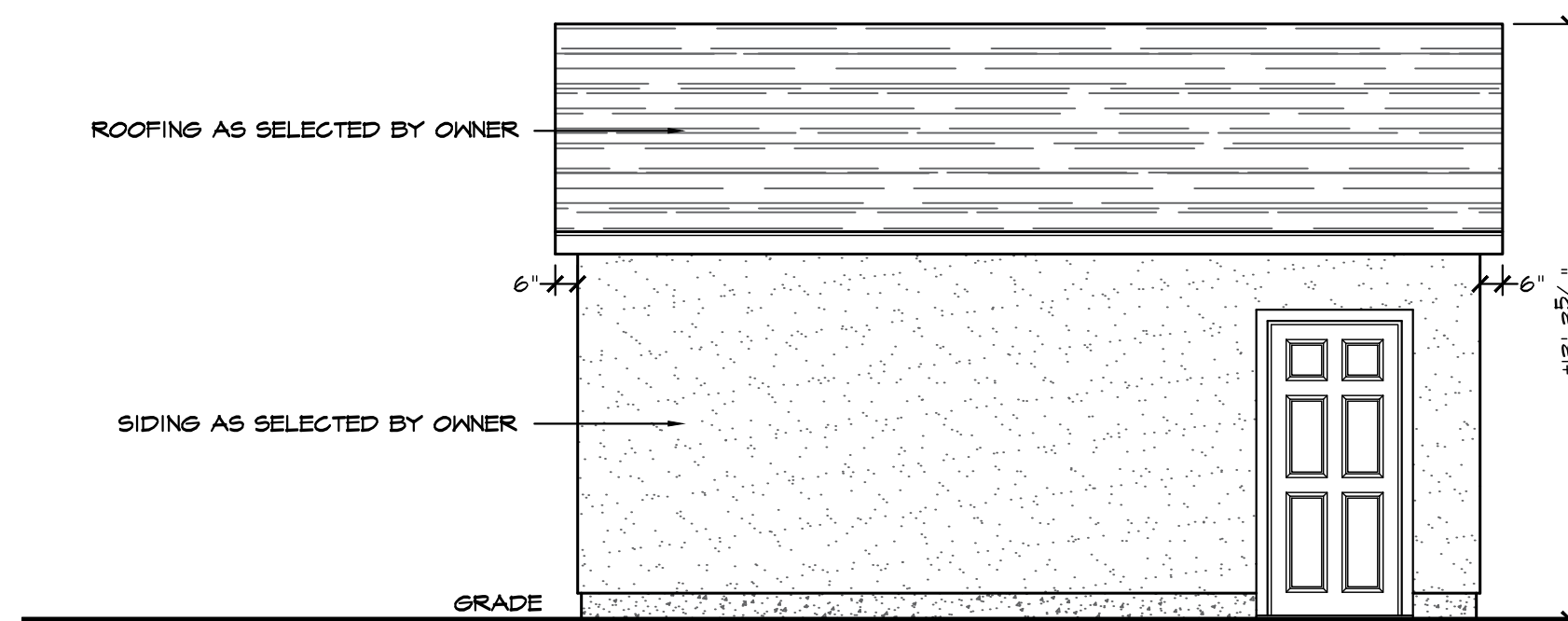
**GARAGE ROOF PLAN**

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



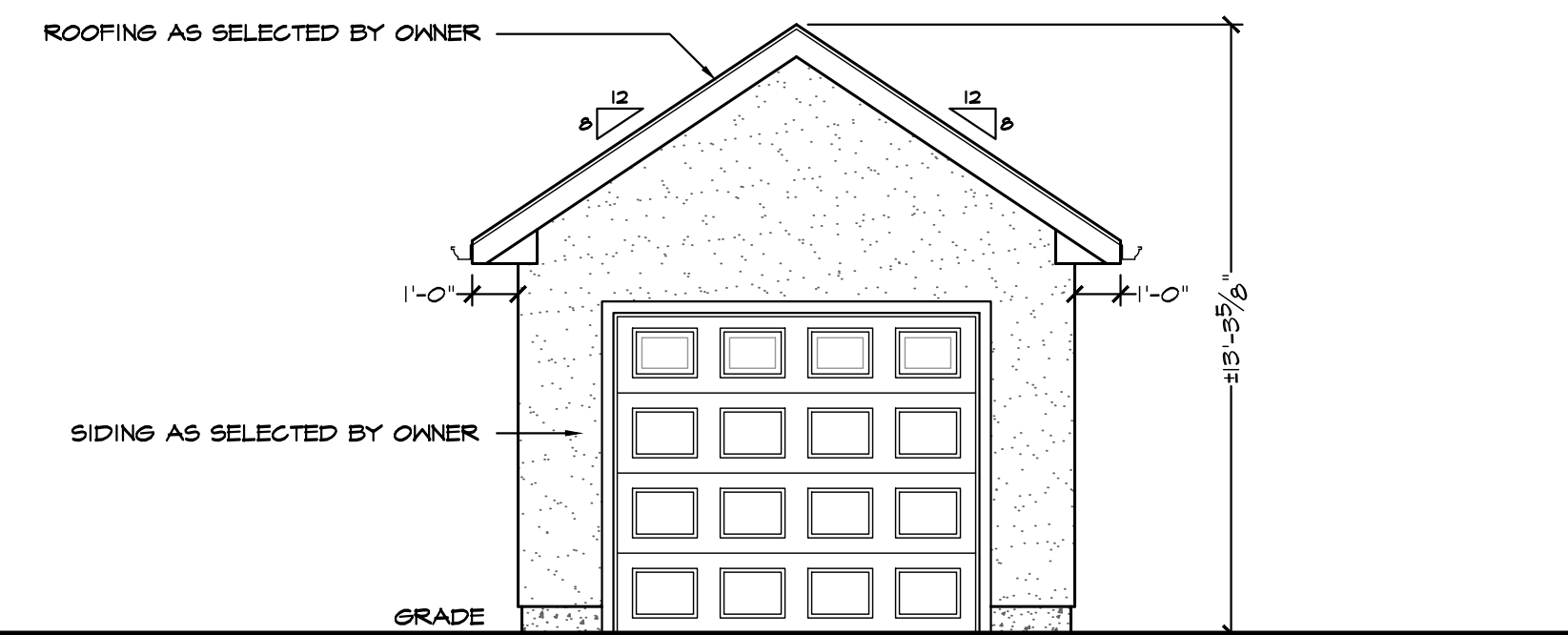
**SECTION A**

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



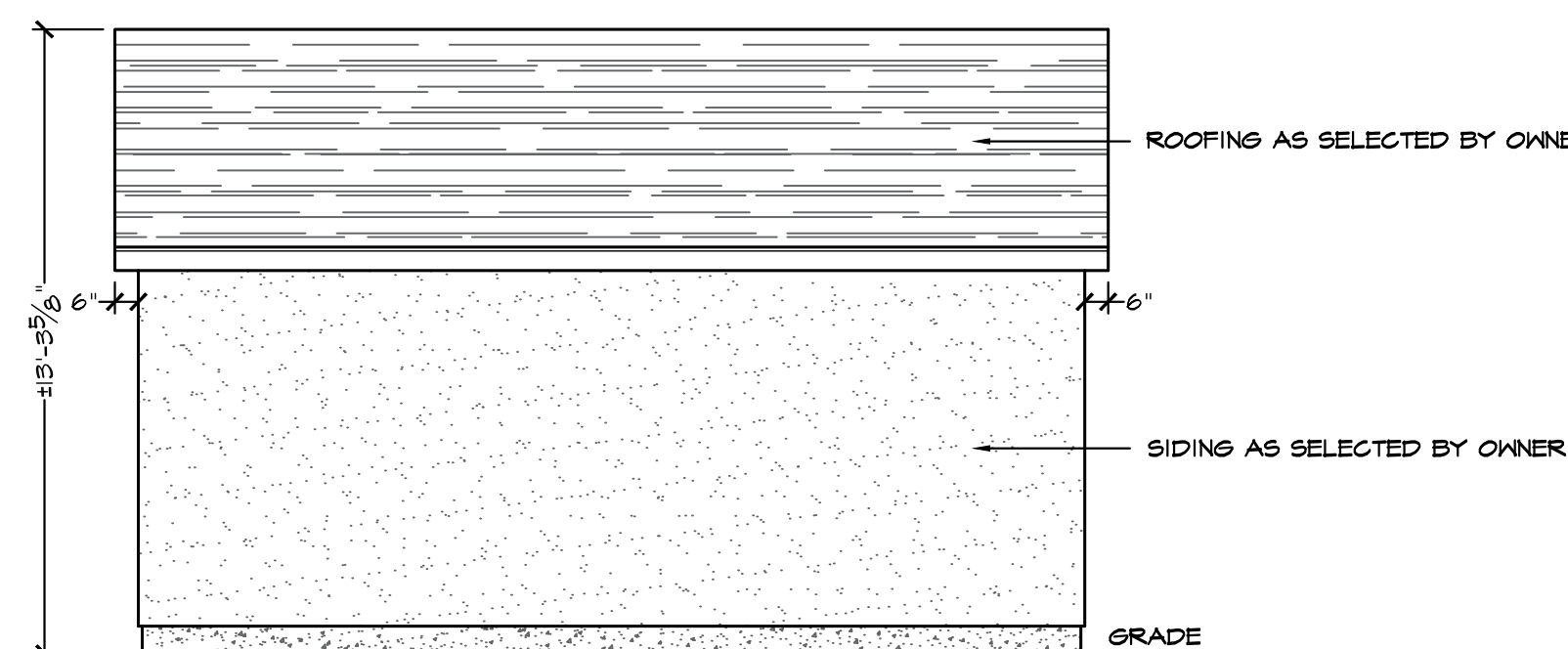
**GARAGE SIDE ELEVATION**

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



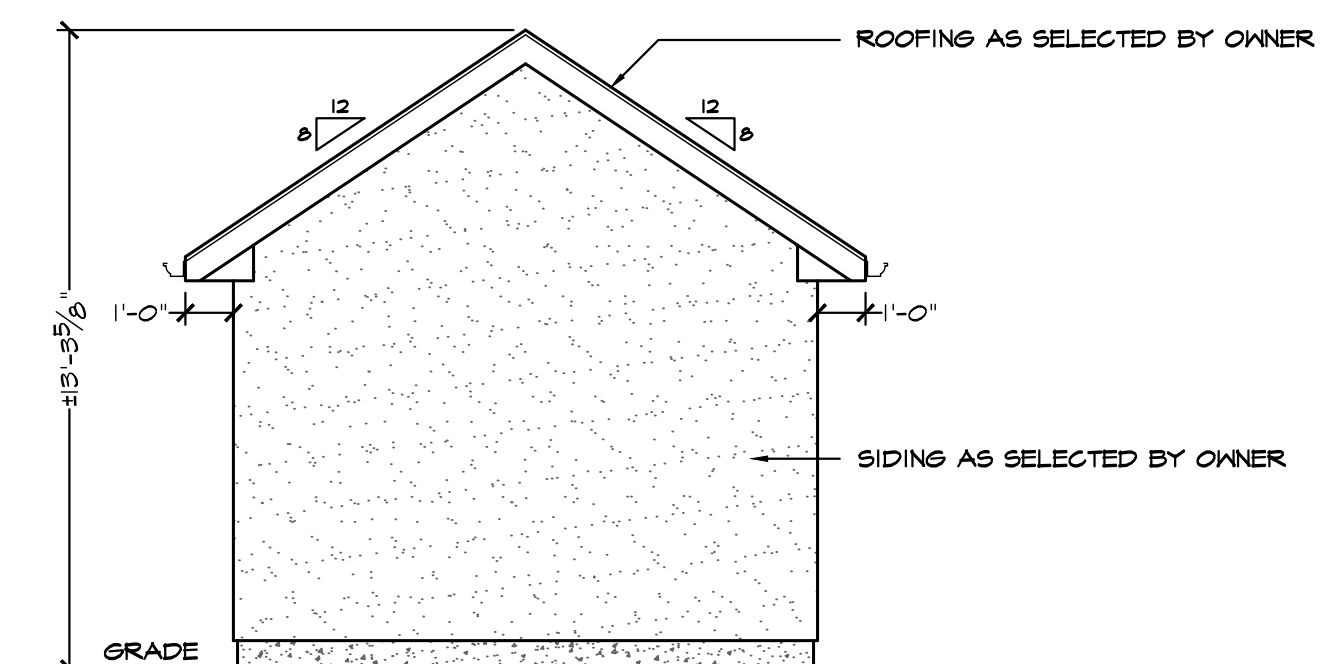
**GARAGE FRONT ELEVATION**

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



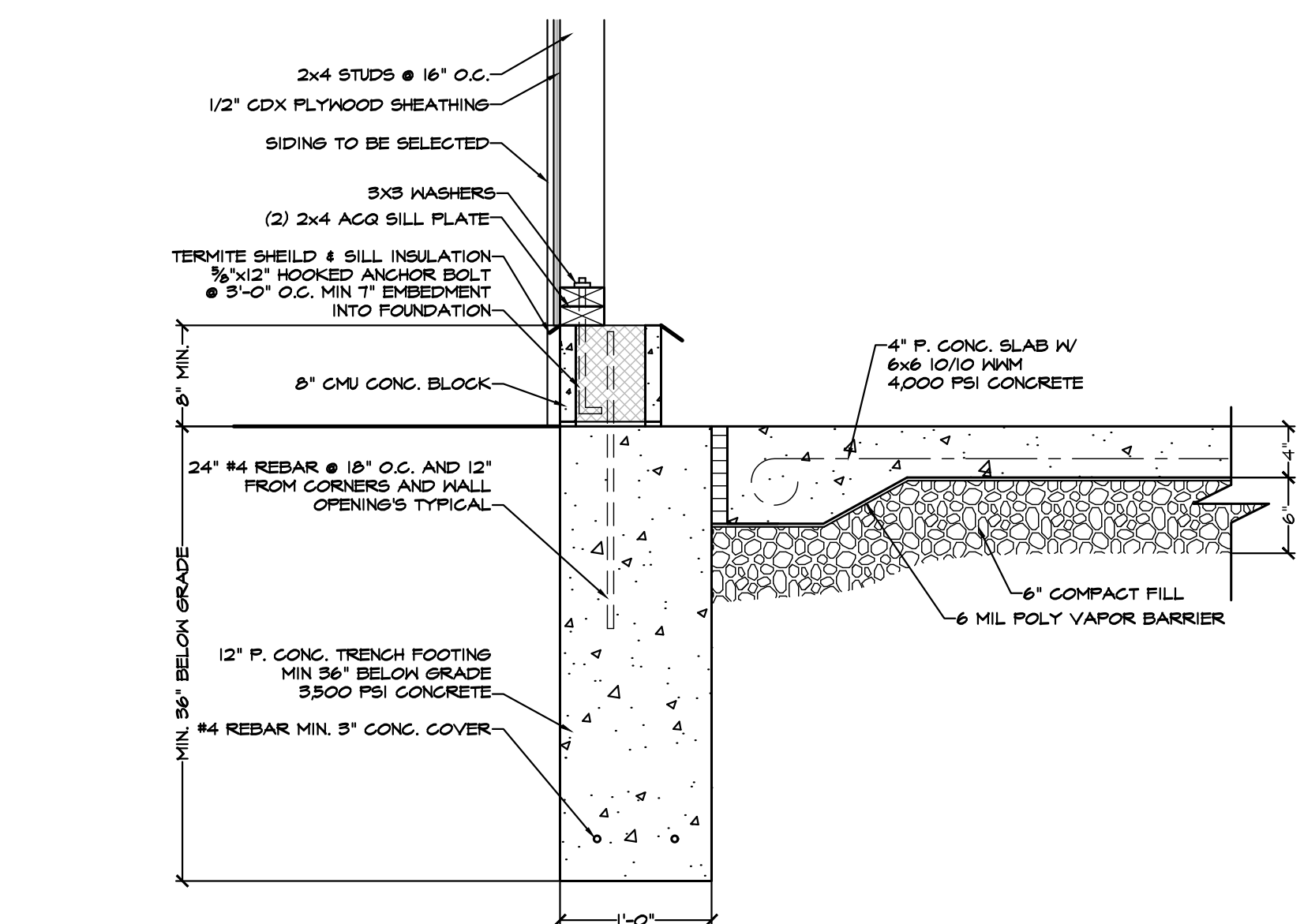
**GARAGE SIDE ELEVATION**

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



**GARAGE REAR ELEVATION**

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



**GARAGE FOUNDATION DETAIL**

SCALE: 1" = 1'-0"

**GENERAL NOTES**

1. CARBON MONOXIDE ALARMS AND CARBON MONOXIDE DETECTORS SHALL BE INSTALLED IN BUILDINGS AS REQUIRED IN ACCORDANCE WITH THE 2020 FIRE CODE OF NYS-SECTION 915.4 (CARBON MONOXIDE DETECTION SYSTEMS) FOR RESIDENTIAL BUILDINGS. INTER-WIRED FIRE/SMOKE AND CARBON MONOXIDE DETECTORS WITH BATTERY BACKUP AS PER NFPA 720 AND SEC. R314 AND R315 OF THE 2020 RESIDENTIAL CODE OF NYS SHALL BE INSTALLED IN DWELLING UNITS OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE VICINITY OF THE BEDROOMS, WHERE A FUEL-BURNING APPLIANCE IS LOCATED WITHIN A BEDROOM OR ITS ATTACHED BATHROOM. CARBON MONOXIDE DETECTION SHALL BE INSTALLED WITHIN THE BEDROOM.

2. ALL ELECTRIC WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE N.E.C.

3. ALL CONDITIONS AND DIMENSIONS TO BE VERIFIED IN FIELD BY THE GENERAL CONTRACTOR AND REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO START OR CONTINUATION OF WORK

4. NO GALV. NAILS OR CONNECTORS IN ACQ LUMBER ARE PERMITTED. ALL CONNECTORS AND FASTENERS FOR ACQ LUMBER MUST BE STAINLESS STEEL OR HOT DIPPED GALVANIZED G-185.

5. AS PER SEC. R310 EACH HABITABLE ROOM SHALL HAVE AT LEAST ONE OPERABLE WINDOW FOR EMERGENCY EGRESS WITH A MINIMUM CLEAR OPENING OF 5.7 SQ. FT. (GRADE FLOOR OPENINGS SHALL HAVE A MINIMUM CLEAR OPENING OF 5.0 SQ. FT.). THE MIN. HT. OF OPENINGS TO BE 24" AND MINIMUM WIDTH TO BE 20" AND THE BOTTOM OF OPENINGS NO HIGHER THAN 3'-8" A.F.F.

6. ALL WOOD POSTS SHALL BE BUILT UP WITH (2) 2X4'S NAILED TOGETHER W/ 10d NAILS @ 8" O.C. UNLESS OTHERWISE NOTED

7. ALL FRAMING SHALL COMPLY WITH THE 2020 RESIDENTIAL CODE OF NYS

8. ALL EXTERIOR PORCH/DECK/ STAIR FRAMING TO BE ACQ LUMBER-U.O.N.

9. ALL ELECTRIC TO REMAIN AND MODIFIED TO ACCOMMODATE NEW CONSTRUCTION. FINAL ELECTRIC TO BE DETERMINE IN THE FIELD

10. ALL ANCHORS, STRAPPING AND CONNECTORS AND HARDWARE TO BE SIMPSON STRONG TIE OR AN APPROVED MANUFACTURE AND TO BE INSTALLED AS PER MANUFACTURE WRITTEN INSTRUCTIONS- UNLESS OTHERWISE NOTED

11. ALL ENGINEERED LUMBER TO BE GLAZED AND SEAL AS REQUIRED TO PROTECT AGAINST THE WEATHER ENVIRONMENT

**DEMOLITION NOTES:**

1. REMOVE PARTITIONS SHOWN TO BE REMOVED AS NOTED ON DINGS.- SHORE AS REQ'D AT LOAD BEARING PARTITIONS

2. CONTRACTOR SHALL BE CAREFUL AS TO NOT DAMAGE EXISTING CONSTRUCTION THAT REMAIN AND SHALL REPAIR ANY OF THESE DAMAGES AS REQUIRED.

3. CONTRACTOR SHALL RE-ROUTE, RELOCATE OR REMOVE (AS REQ'D) ALL EXISTING ELECTRICAL, PLUMBING AND HEATING LINES THAT INTERFERE WITH NEW CONSTRUCTION.

**WALL KEY**

- EXIST TO BE REMOVED
- EXIST TO REMAIN
- NEW WOOD FRAME CNST
- NEW POURED CONCRETE
- 4"x4" POST UNLESS OTHERWISE NOTED
- HOLD DOWN AS NOTED
- HARD WIRED SMOKE DETECTOR W/ BATTERY BACK-UP AS PER SECTION 914
- 80 CFM FAN TO EXTERIOR
- HARD WIRED CARBON MONOXIDE DETECTOR W/ BATTERY BACK-UP AS PER SECTION 915.4
- \* DENOTES EGRESS WINDOW

**TOC ARCHITECTS**  
TODD O'CONNELL ARCHITECT P.C.  
TODD O'CONNELL, AIA  
1200 Veterans Memorial Highway  
Suite 120  
Hauppauge, NY 11788  
P (631) 650-6666  
F (631) 650-6667  
C (516) 658-0325  
www.tocarchitects.com  
tod@tocarchitects.com

REGISTERED ARCHITECT  
TODD O'CONNELL  
027935  
STATE OF NEW YORK

CONSULTANTS:  
NYS LIC #021935

CHECKED BY:  
TODD O'CONNELL

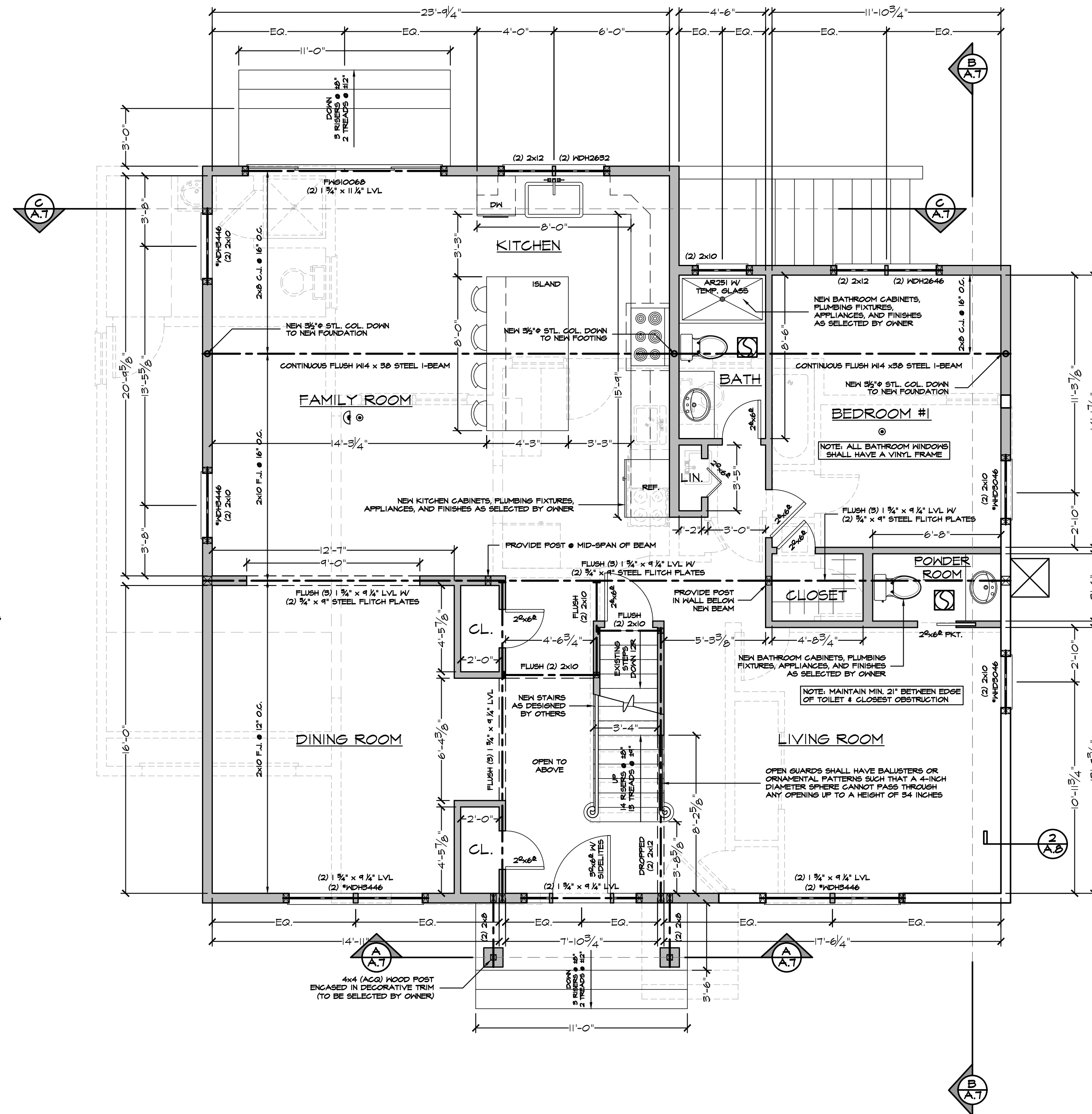
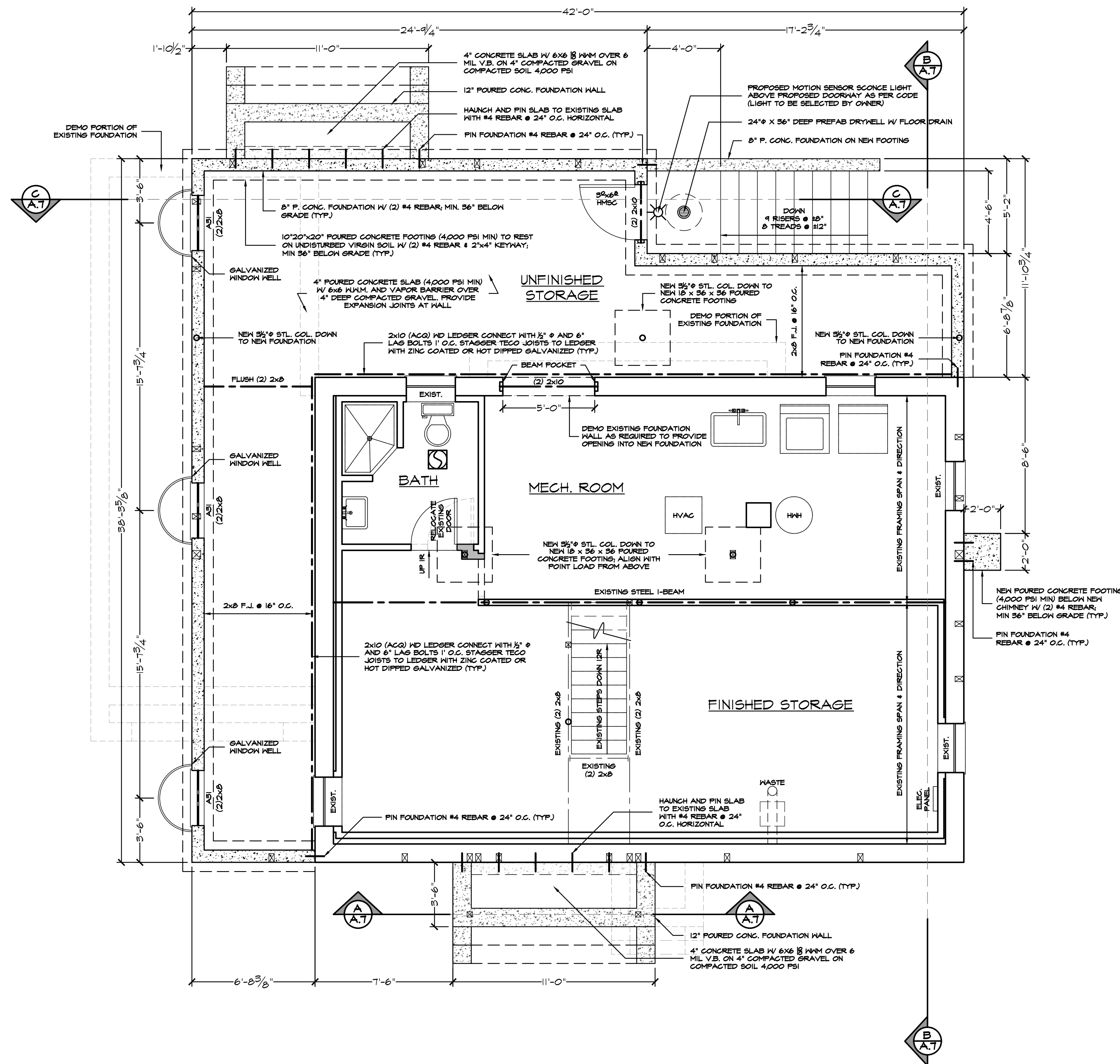
DRAWN BY:  
JAK

| REV # | DATE       | REVISIONS PER TOWN COMMENTS | CONSTRUCTION DOCUMENTS | JAK | JAK | BT |
|-------|------------|-----------------------------|------------------------|-----|-----|----|
|       | 1/26/2024  |                             |                        |     |     |    |
|       | 02/27/2025 |                             |                        |     |     |    |

PROP. ADDITION & ALTERATIONS  
**ASKARINAM RESIDENCE**  
86 GARDEN DRIVE  
ALBERTSON, NY 11507

JOB#: AS-18-951  
DATE: 1-26-2024  
SCALE: AS NOTED  
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**A.2**





**LIGHT & VENT CALC. FOR BEDROOM #1**  
 FLOOR AREA= 169.4 S.F.  
 GLASS AREA= 19.62 S.F.  
 VENT AREA= 10.44 S.F.  
 LIGHT= 11.1 %  
 VENT= 6.2 %

**FOUNDATION PLAN**

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

**FIRST FLOOR PLAN**

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

**GENERAL NOTES**

- ALL HABITABLE ROOMS AND CORRIDORS SHALL BE SUPPLIED WITH FIRE/SMOKE AND CARBON MONOXIDE DETECTORS WITH BATTERY BACKUP AS PER NFPA 72 AND 2020 NEW YORK STATE BUILDING CODE SEC. R314 AND R315. EXISTING DWELLING UNDERGOING REPAIR/ALTERATION AND/OR ADDITION SHALL BE PROVIDED WITH SMOKE ALARMS AS PER APPENDIX J. CARBON MONOXIDE ALARMS TO BE IN ACCORDANCE WITH SECTION 915 OF THE 2020 NEW YORK STATE FIRE CODE ( CARBON MONOXIDE ALARM TO BE PROVIDED ON EACH FLOOR WITHIN 15 FEET OF SLEEPING AREA, ANYWHERE CONTAINS CARBON MONOXIDE SOURCE)
- ALL ELECTRIC WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE N.E.C.
- ALL CONDITIONS AND DIMENSIONS TO BE VERIFIED IN FIELD BY THE GENERAL CONTRACTOR AND REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO START OR CONTINUATION OF WORK
- NO GALV. NAILS OR CONNECTORS IN ACQ. LUMBER ARE PERMITTED. ALL CONNECTORS AND FASTENERS FOR ACQ LUMBER MUST BE STAINLESS STEEL OR HOT DIPPED GALVANIZED G-185.
- AS PER N.Y.S. CODE SEC. R310 EACH HABITABLE ROOM SHALL HAVE AT LEAST ONE OPERABLE WINDOW FOR EMERGENCY EGRESS WITH A MINIMUM CLEAR OPENING OF 5.7 SQ. FT. (GRADE FLOOR OPENINGS SHALL HAVE A MINIMUM CLEAR OPENING OF 5.0 SQ. FT.). THE MIN. HT. OF OPENINGS TO BE 24" AND MINIMUM WIDTH TO BE 20" AND THE BOTTOM OF OPENINGS NO HIGHER THAN 3'-8" A.F.F.
- ALL WOOD POSTS SHALL BE BUILT UP WITH (2) 2X4'S NAILED TOGETHER W/ 10d NAILS @ 8" O.C. UNLESS OTHERWISE NOTED
- ALL NEW DOOR & WINDOW HEADS TO BE MOUNTED TO MATCH EX. ON FIRST FLOOR (6'-8" V.I.F.) AND NEW SECOND FLOOR AT 6'-8" - UNLESS OTHERWISE NOTED
- ALL NET/ TILE AREAS IN BATHROOM/KITCHEN SHALL RECEIVE 1/2" CEMENT BD. AND ALL OTHER AREAS IN BATHROOM/LAUNDRY/KITCHEN SHALL RECEIVE 1/2" MOISTURE RESISTANT GYP. BD.
- ALL FRAMING SHALL COMPLY WITH THE 2018 WOOD FRAME CONSTRUCTION MANUAL.
- ALL EXTERIOR PORCH/DECK/ STAIR FRAMING TO BE ACQ LUMBER-U.O.N.
- ALL ELECTRIC TO REMAIN AND MODIFIED TO ACCOMMODATE NEW CONSTRUCTION. FINAL ELECTRIC TO BE DETERMINE IN THE FIELD
- ALL ANCHORS, STRAPPING AND CONNECTORS AND HARDWARE TO BE SIMPSON STRONG TIE OR AN APPROVED MANUFACTURE AND TO BE INSTALLED AS PER MANUFACTURE WRITTEN INSTRUCTIONS- UNLESS OTHERWISE NOTED
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- ALL NEW WINDOWS AND DOORS ARE TO BE ANDERSEN 400 SERIES - WHITE FRAME- TRIPLE PANE- LOW-E- WITH GRILLES- COORDINATE WITH OWNER- MODEL NUMBERS ARE DESIGNATED ON PLAN- INSTALL ACCORDING TO MANUFACTURE SPECIFICATIONS
- WHERE RAFTERS AND JOISTS FRAME INTO OTHER WOOD BEAMS, PROVIDE 12 GAGE GALVANIZED STEEL JOIST HANGERS AND STRAPS AND WHERE WOOD BEAMS FRAME INTO OTHER WOOD BEAMS, PROVIDE 7 GAGE GALVANIZED STEEL SADDLE TYPE HANGER BOLTED THROUGH BEAMS- ALL HANGERS, STRAPS, ANCHORS, ETC. SHALL BE MANUFACTURED BY SIMPSON STRONG TIE.
- ALL ENGINEERED LAMINATED WOOD BEAMS SHALL BE MANUFACTURED BY GEORGIA-PACIFIC AND SHALL BE INSTALLED AS PER MANUFACTURE'S WRITTEN INSTRUCTIONS AND SPECIFICATIONS OR APPROVED EQUAL.

**STAIRS & GUARD NOTE:**  
 (TO COMPLY WITH 2020 R.C. OF NYS R311&R312)  
 -STAIRWAYS SHALL NOT BE LESS THAN 36" IN CLEAR WIDTH ABOVE THE PERMITTED HANDRAIL HEIGHT AND BELOW THE REQUIRED HEADROOM HEIGHT  
 -MINIMUM HEADROOM HEIGHT TO BE 6'-8"  
 -MAX RISER SHALL NOT EXCEED 8 1/4"  
 -MIN TREAD SHALL NOT BE LESS THAN 9"  
 -STAIR PROFILE: NOSINGS SHALL NOT BE LESS THAN 3/4" NOR MORE THAN 1 1/4"  
 -HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF EACH STAIRWAY WITH TWO OR MORE RISERS. TOP OF HANDRAIL SHALL NOT BE LESS THAN 34" AND NOT MORE THAN 38". ALL REQUIRED HANDRAILS SHALL BE CONTINUOUS TO THE FULL LENGTH OF THE STAIRS FROM DIRECTLY ABOVE THE TOP RISER OF A FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1/2" BETWEEN THE WALL AND THE HANDRAIL. HANDRAILS SHALL NOT PROJECT MORE THAN 4 1/2" ON EITHER SIDE OF THE STAIRWAY.  
 -GUARDS/RAILINGS ARE REQUIRED FOR ANY SURFACE 30" ABOVE FLOOR OR GRADE. -GUARDS/RAILINGS SHALL NOT HAVE A GAP OF PASSAGE OF MORE THAN 4"

- HALL KEY**
- EXIST TO BE REMOVED
  - EXIST TO REMAIN
  - NEW WOOD FRAME CNST
  - 4"x4" POST UNLESS OTHERWISE NOTED
  - HOLD DOWN AS NOTED
  - 35 CFM FAN TO EXTERIOR
  - HARD WIRED SMOKE DETECTOR W/ BATTERY BACK-UP
  - HARD WIRED CARBON MONOXIDE DETECTOR W/ BATTERY BACK-UP MIN 12" A.P.F. AS PER 2020 RESIDENTIAL CODE OF NYS
  - \* DENOTES EGRESS WINDOW
- NOTE: UPGRADE EXISTING CONDITIONS TO MATCH CONDITIONS INDICATED ON PLANS.
- NOTE: CONDITIONS DRAWN AND NOTED AS EXISTING ARE TO BE CONFIRMED AT START OF CONSTRUCTION. ARCHITECT IS TO BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES
- NOTE: COORDINATE ALL FINISH MATERIALS WITH CLIENT PRIOR TO CONSTRUCTION (FLOOR, CEILING, WALLS, ETC.)
- NOTE: LEVEL FLOORS & CEILINGS AS REQUIRED
- NOTE: DOUBLE ALL FLOOR JOISTS UNDER PARALLEL PARTITIONS

**TYPICAL INTERIOR WALL CONSTRUCTION:**  
 2x4 WALL STUD @ 16" O.C. & 1/2" GYPSUM BOARD. PROVIDE 1/2" MOISTURE RESISTANT GYP. BD. OR CEMENT BD. ON NET ROOM SIDE OF STUD WHEN APPLICABLE

**TYPICAL EXTERIOR WALL CONSTRUCTION:**  
 2x4 WOOD STUDS @ 16" O.C. W/ R-15 HD UN-FACED BATT INSULATION, 1/2" INTERIOR GYF. BD. (SEE SPECIFICATION AND NOTES), 1/2" EXTERIOR PLYWOOD SHEATHING, AIR INFILTRATION BARRIER AND SIDING AS SHOWN ON ELEVATIONS APPROVED BY ARCHITECT REVIEW BOARD. PROVIDE 1/2" RIGID INSULATION BOARD BEHIND SIDING

**SECTION A104 ENERGY EFFICIENCY ALTERATIONS, RENOVATIONS, REPAIRS TO ROOF/CEILING, WALL OR FLOOR CAVITIES WHICH ARE INSULATED TO FULL DEPTH WITH INSULATION HAVING A MINIMAL NOMINAL VALUE OF R-5.0/INCH.**

NOTE: ALL HEATING LINES, BASEBOARDS, DUCT WORK, ETC. TO BE INSTALLED AND MODIFIED AS REQUIRED TO ALLOW FOR NEW CONSTRUCTION. HVAC CONTRACTOR TO FILE SEPARATE APPLICATION AND PLAN LAYOUT OF ALL HEATING/COOLING LINES AND EQUIPMENT WITH LOCAL MUNICIPALITY

NOTE: SMOKE DETECTORS TO BE PROVIDED IN ALL BEDROOMS AS PER CODE.

NOTE: EXISTING HVAC TO BE UTILIZED AND REROUTED AS REQ.

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 1200 Veterans Memorial Highway  
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 www.tocarchitects.com  
 todd@tocarchitects.com

**REGISTERED ARCHITECT**  
 TODD O'CONNELL  
 STATE OF NEW YORK  
 027935

CONSULTANTS:  
 NYS LIC #021935

CHECKED BY:  
 TOC

DRAWN BY:  
 TOC

REV # DATE REVISIONS PER TOWN COMMENTS

|            |     |                           |
|------------|-----|---------------------------|
| 1/26/2024  | JAK | REVIEWS PER TOWN COMMENTS |
| 02/27/2025 | JAK | CONSTRUCTION DOCUMENTS    |

DATE: 02/27/2025

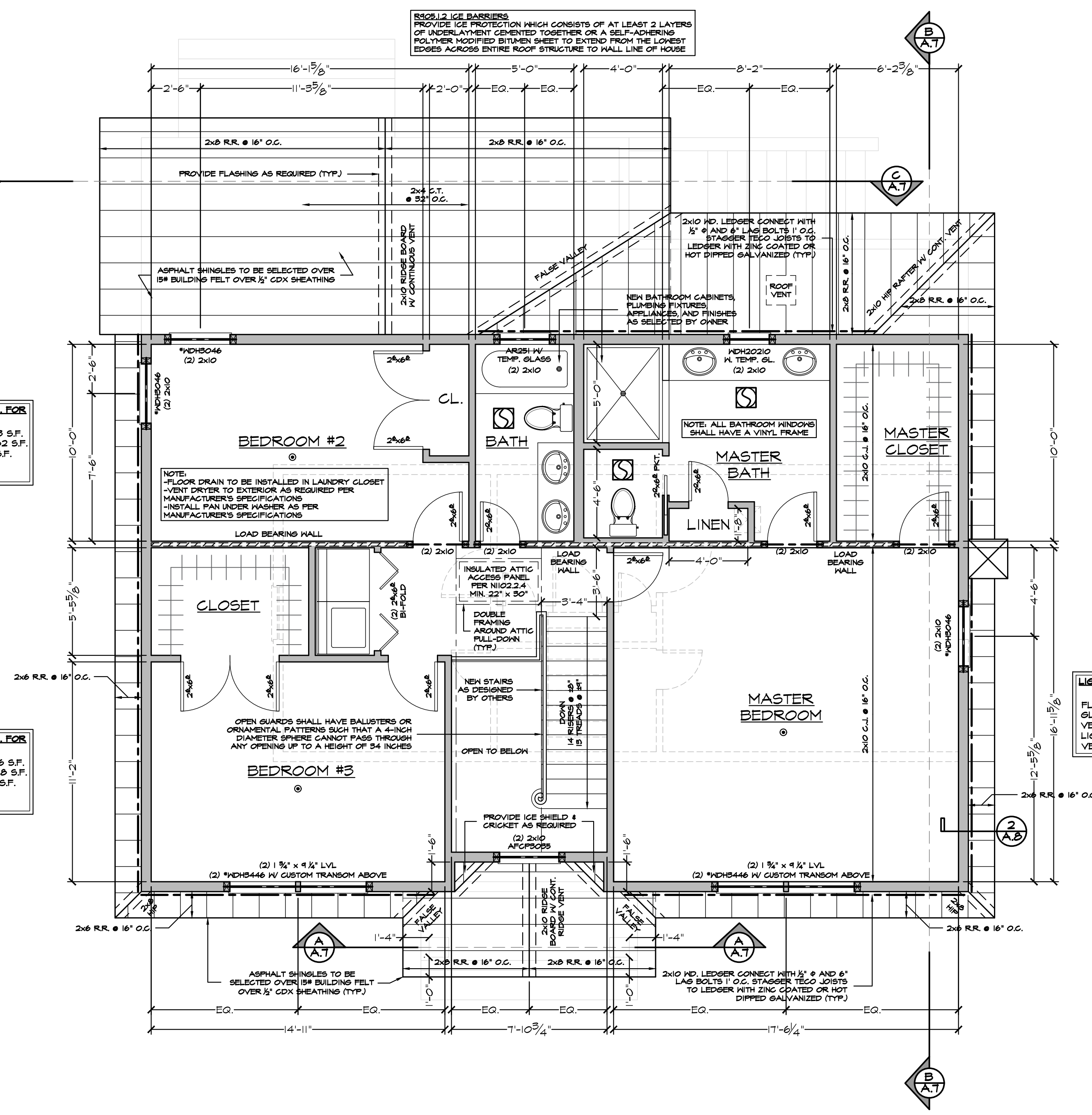
NOTE:

**PROP. ADDITION & ALTERATIONS**  
**ASKARINAM RESIDENCE**  
 86 GARDEN DRIVE  
 ALBERTSON, NY 11507

JOB#: AS-18-951  
 DATE: 1-26-2024  
 SCALE: AS NOTED

DRAWING NUMBER  
**A.3**



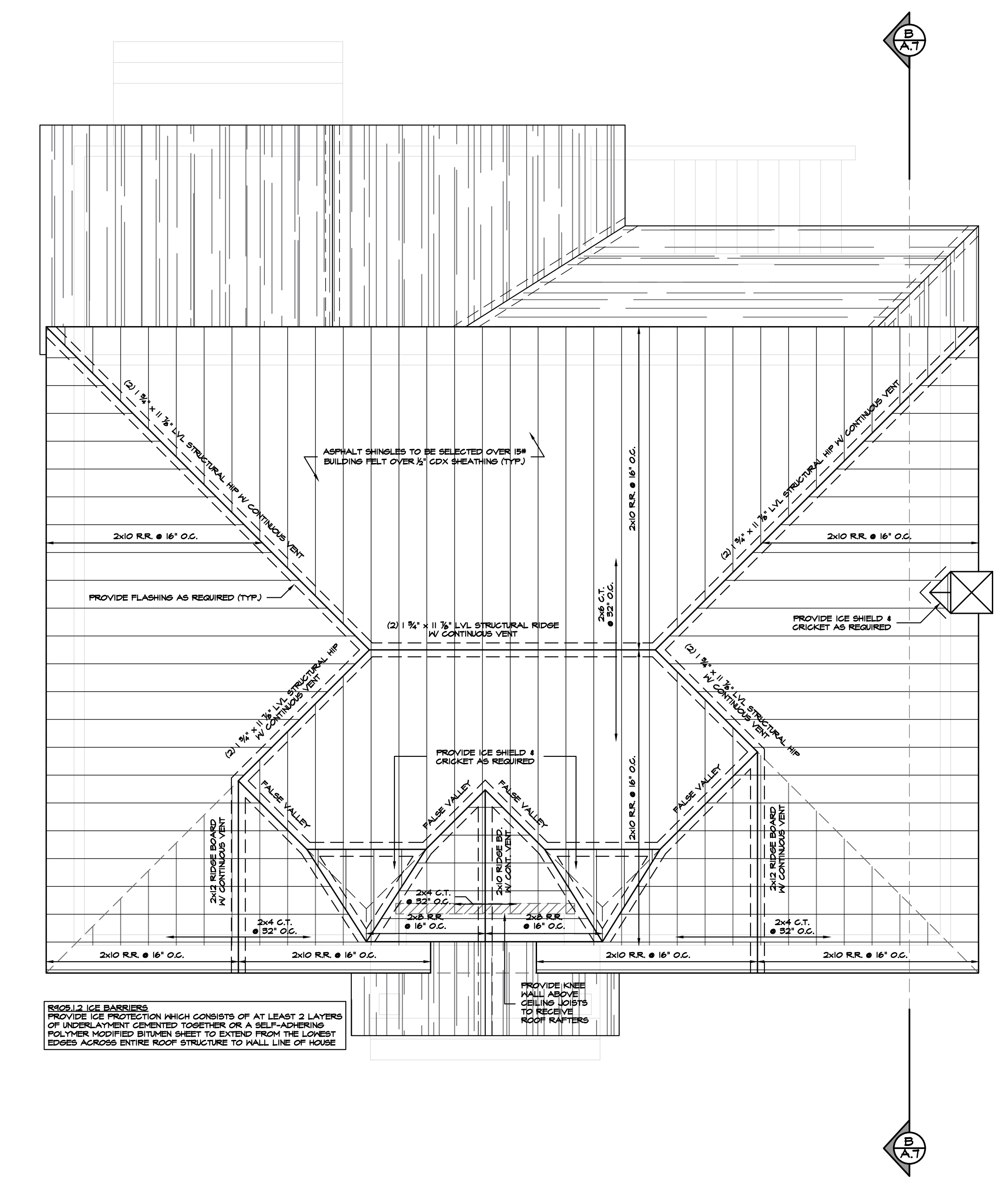


**LIGHT & VENT. CALC. FOR BEDROOM #2**  
 FLOOR AREA= 1415 S.F.  
 GLASS AREA= 206.2 S.F.  
 VENT AREA= 11.46 S.F.  
 LIGHT= 14 %  
 VENT= 1.8 %

**LIGHT & VENT. CALC. FOR BEDROOM #3**  
 FLOOR AREA= 1666 S.F.  
 GLASS AREA= 252.8 S.F.  
 VENT AREA= 12.82 S.F.  
 LIGHT= 14 %  
 VENT= 1.1 %

**LIGHT & VENT. CALC. FOR MASTER BEDROOM**  
 FLOOR AREA= 241.2 S.F.  
 GLASS AREA= 35.54 S.F.  
 VENT AREA= 18.55 S.F.  
 LIGHT= 11.5 %  
 VENT= 6.2 %

**SECOND FLOOR PLAN**



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

**ROOF PLAN**

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

- GENERAL NOTES**
- ALL HABITABLE ROOMS AND CORRIDORS SHALL BE SUPPLIED WITH FIRE/SMOKE AND CARBON MONOXIDE DETECTORS WITH BATTERY BACKUP AS PER NFPA 72 AND 2020 NEW YORK STATE BUILDING CODE SEC. R314 AND R315. EXISTING DWELLING UNDERGOING REPAIR/ALTERATION AND/OR ADDITION SHALL PROVIDE WITH SMOKE ALARMS AS PER APPENDIX J. CARBON MONOXIDE ALARMS TO BE IN ACCORDANCE WITH SECTION 915 OF THE 2020 NEW YORK STATE FIRE CODE (CARBON MONOXIDE ALARM TO BE PROVIDED ON EACH FLOOR WITHIN 15 FEET OF SLEEPING AREA, ANYWHERE CONTAINS CARBON MONOXIDE SOURCE)
  - ALL ELECTRIC WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE N.E.C.
  - ALL CONDITIONS AND DIMENSIONS TO BE VERIFIED IN FIELD BY THE GENERAL CONTRACTOR AND REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO START OR CONTINUATION OF WORK
  - NO GALV. NAILS OR CONNECTORS IN A.C.Q. LUMBER ARE PERMITTED. ALL CONNECTORS AND FASTENERS FOR A.C.Q. LUMBER MUST BE STAINLESS STEEL OR HOT DIPPED GALVANIZED G-185.
  - AS PER N.Y.S. CODE SEC. R310 EACH HABITABLE ROOM SHALL HAVE AT LEAST ONE OPERABLE WINDOW FOR EMERGENCY EGRESS WITH A MINIMUM CLEAR OPENING OF 5.7 SQ. FT. (GRADE FLOOR OPENINGS SHALL HAVE A MINIMUM CLEAR OPENING OF 5.0 SQ. FT.). THE MIN. HT. OF OPENINGS TO BE 24" AND MINIMUM WIDTH TO BE 20" AND THE BOTTOM OF OPENINGS NO HIGHER THAN 3'-8" A.F.F.
  - ALL WOOD POSTS SHALL BE BUILT UP WITH (2) 2X4'S NAILED TOGETHER W/ 10d NAILS @ 8" O.C. UNLESS OTHERWISE NOTED
  - ALL NEW DOOR & WINDOW HEADS TO BE MOUNTED TO MATCH EX. ON FIRST FLOOR (6'-8" V.I.F.) AND NEW SECOND FLOOR AT 6'-8" - UNLESS OTHERWISE NOTED
  - ALL NET/ TILE AREAS IN BATHROOM/KITCHEN SHALL RECEIVE 1/2" CEMENT BD. AND ALL OTHER AREAS IN BATHROOM/LAUNDRY/KITCHEN SHALL RECEIVE 1/2" MOISTURE RESISTANT GYP. BD.
  - ALL FRAMING SHALL COMPLY WITH THE 2018 WOOD FRAME CONSTRUCTION MANUAL.
  - ALL EXTERIOR PORCH/DECK/ STAIR FRAMING TO BE A.C.Q. LUMBER-U.O.C.
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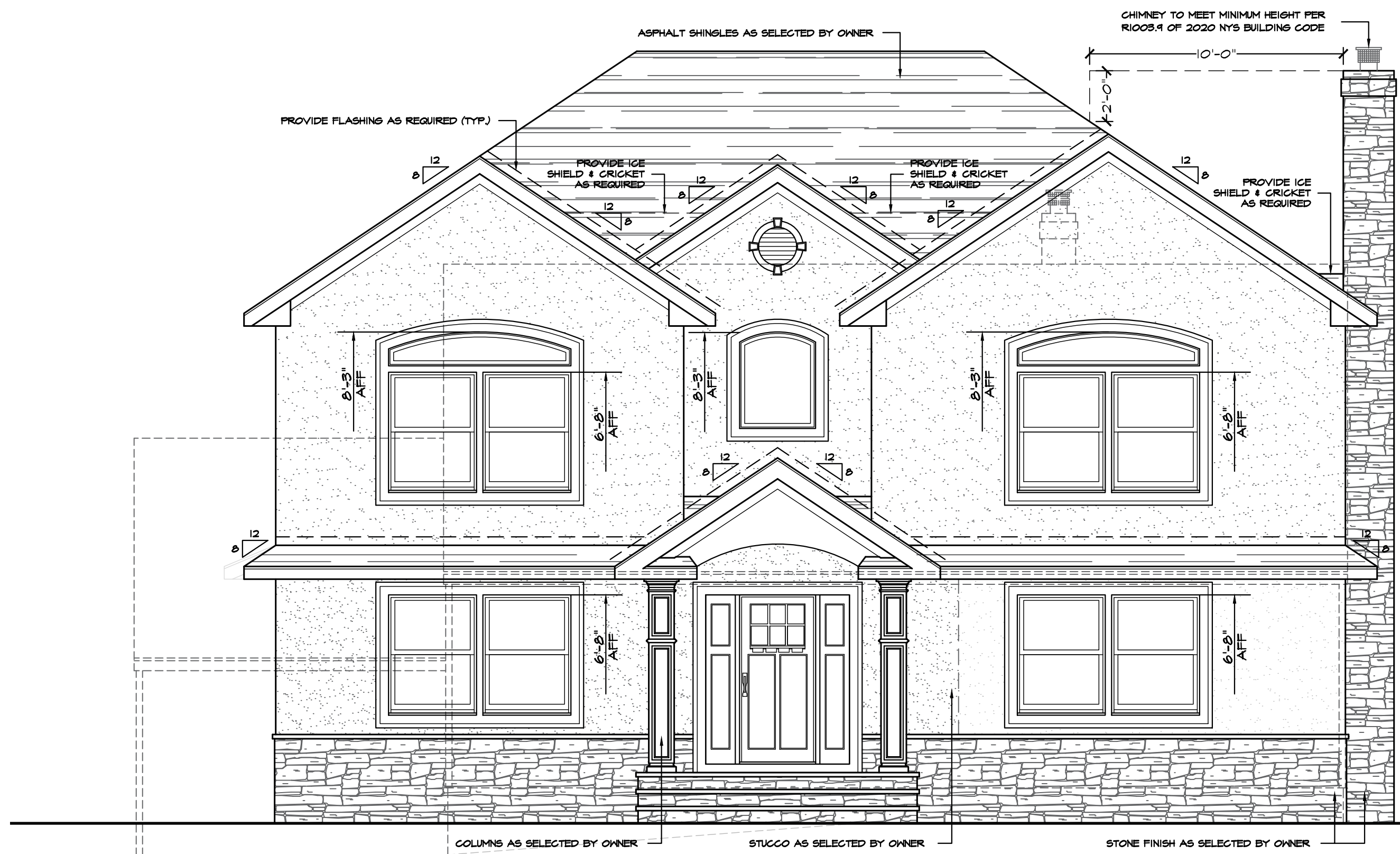
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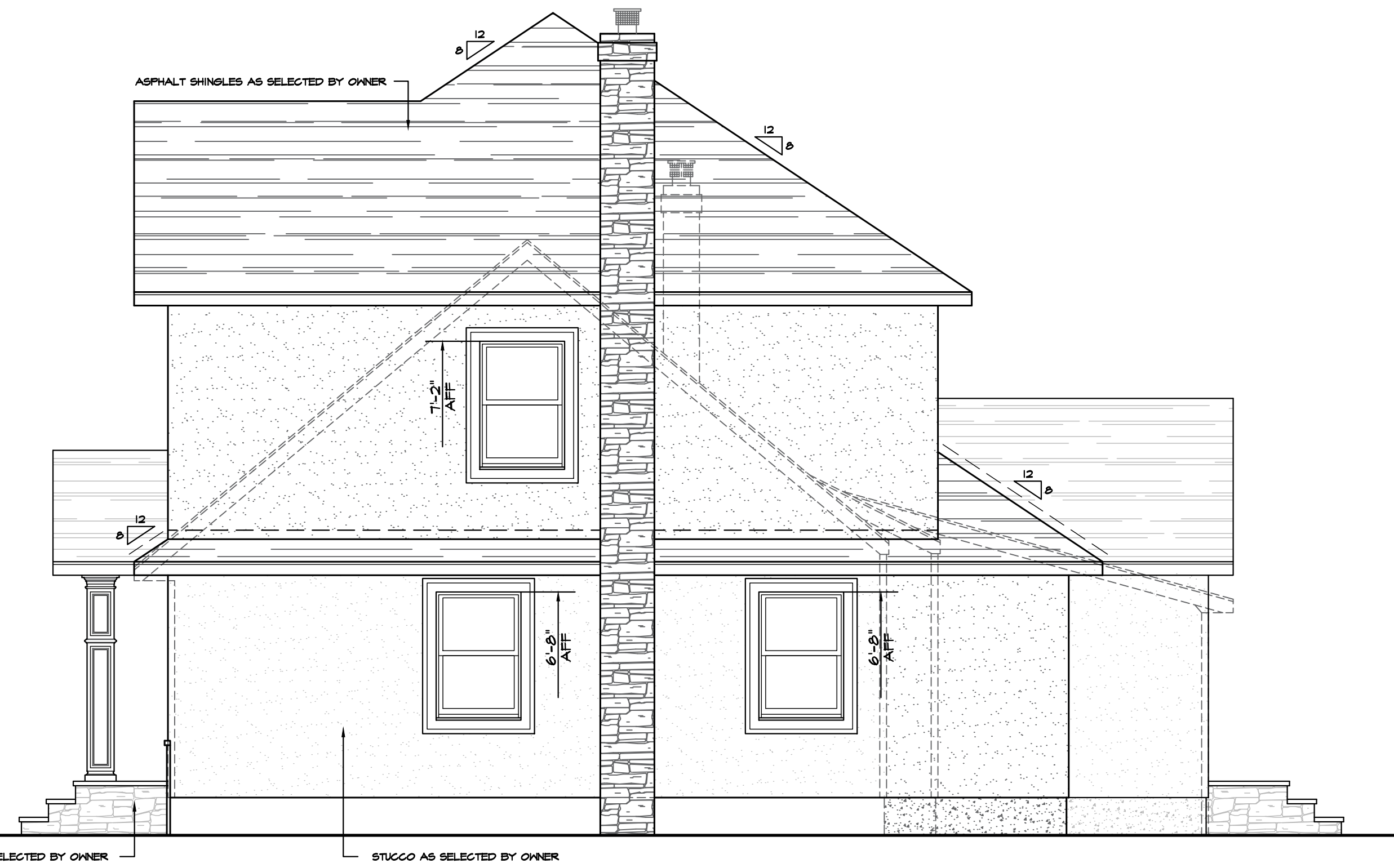
NOTE: EXISTING HVAC TO BE UTILIZED AND REROUTED AS REQ.





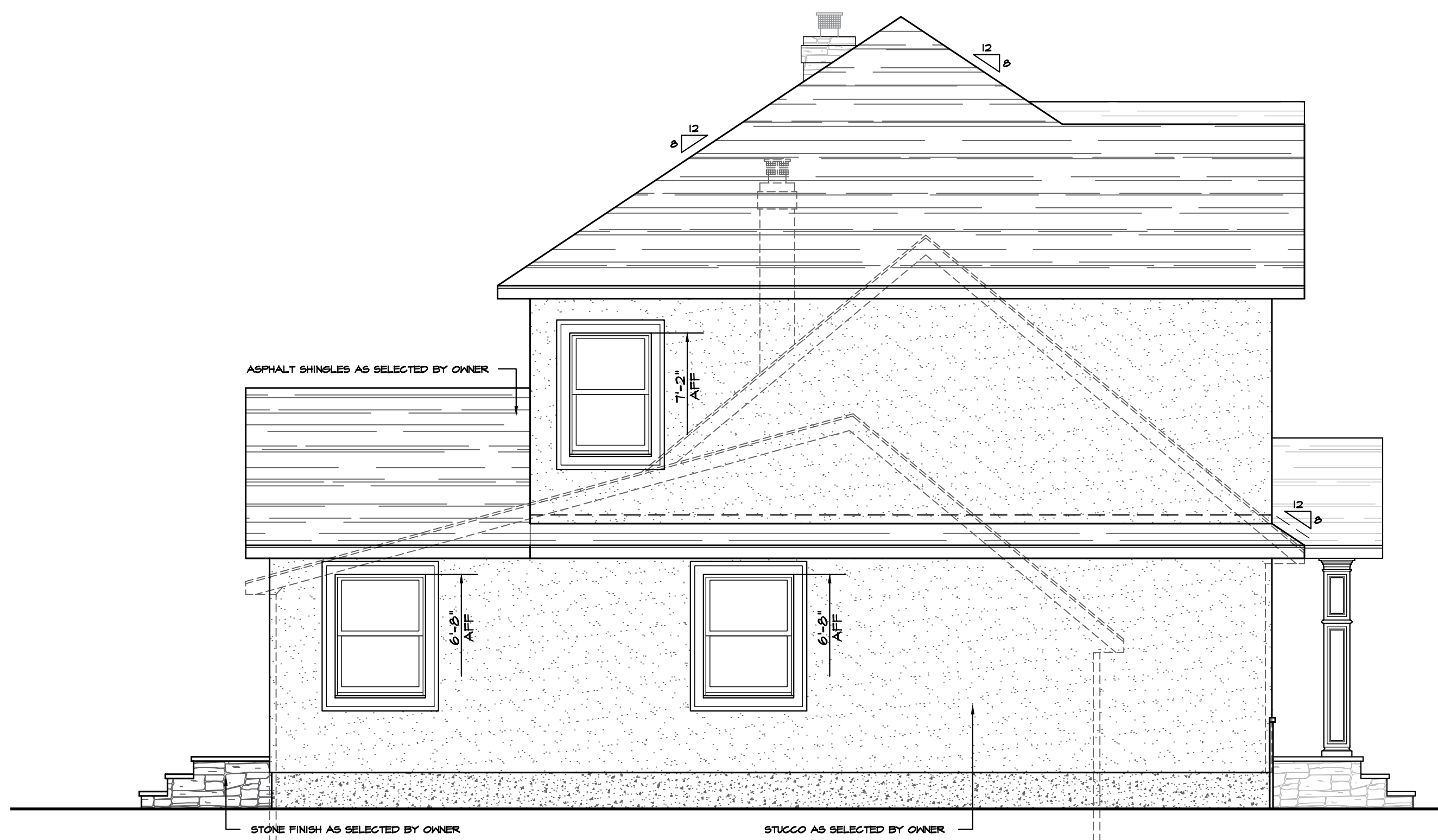
FRONT ELEVATION

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



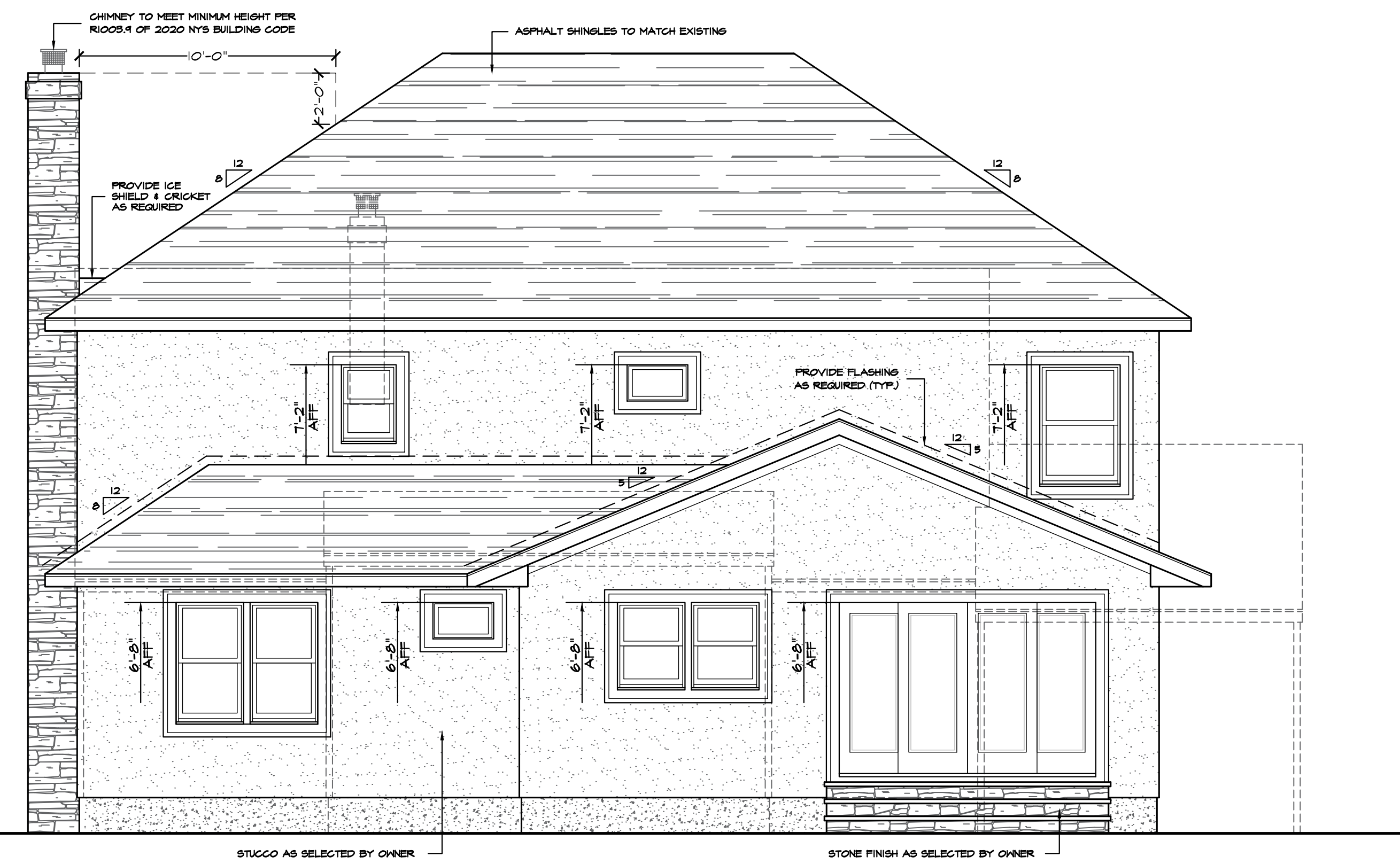
SIDE ELEVATION

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



REAR ELEVATION

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



SIDE ELEVATION

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

**TOC ARCHITECTS**  
TODD O'CONNELL ARCHITECT P.C.

**TODD O'CONNELL, AIA**  
1200 Veterans Memorial Highway  
Suite 120  
Hauppauge, NY 11788  
P (631) 650-6666  
F (631) 650-6667  
C (516) 658-0325  
www.tocarchitects.com  
todd@tocarchitects.com



CONSULTANTS:

NYS LIC #027935

CHECKED BY:  
TOC

DRAWN BY:  
JAK

| REV #      | DATE | NOTE                        | JAK | BY |
|------------|------|-----------------------------|-----|----|
| 1/26/2024  |      | REVISIONS PER TOWN COMMENTS | JAK |    |
| 02/27/2025 |      | CONSTRUCTION DOCUMENTS      | JAK |    |

PROP. ADDITION & ALTERATIONS  
**ASKARINAM RESIDENCE**  
86 GARDEN DRIVE  
ALBERTSON, NY 11507

DRAWING NUMBER  
**A.5**

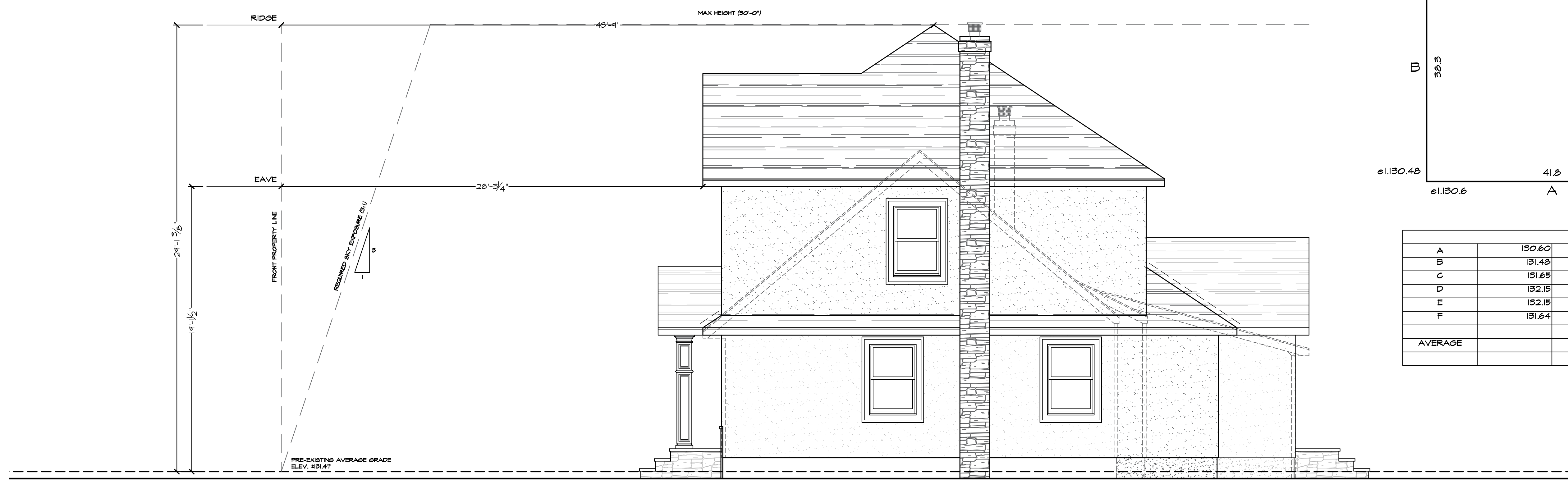
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DRAWING NUMBER  
**A.5**





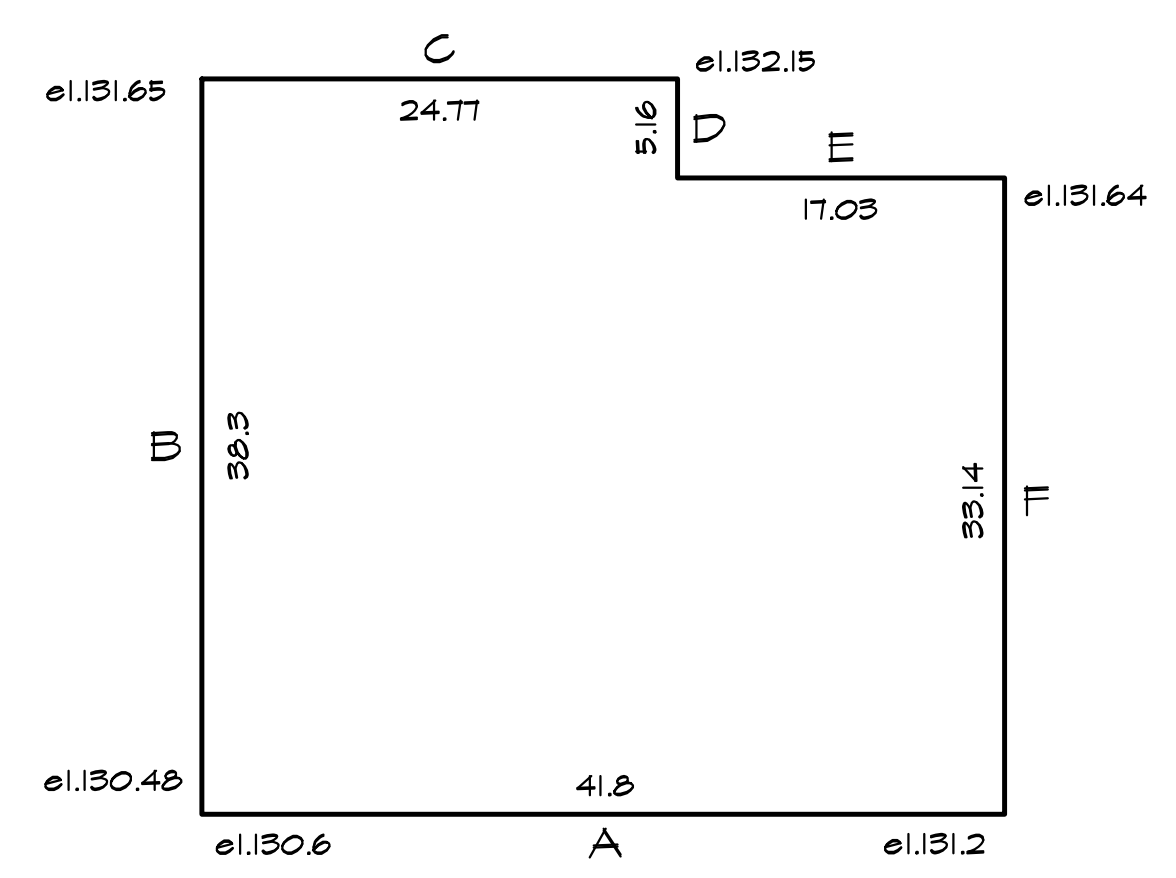
SKY EXPOSURE PLANE (FRONT ELEVATION)

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



SKY EXPOSURE PLANE (SIDE ELEVATION)

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



| AVERAGE GRADE |        |        |        |        |          |
|---------------|--------|--------|--------|--------|----------|
| A             | 130.60 | 131.20 | 130.90 | 41.80  | 5497.80  |
| B             | 131.48 | 131.65 | 131.57 | 38.30  | 5058.94  |
| C             | 131.65 | 132.15 | 131.90 | 24.77  | 3267.16  |
| D             | 132.15 | 132.15 | 132.15 | 5.16   | 681.89   |
| E             | 132.15 | 131.64 | 131.90 | 17.03  | 2246.17  |
| F             | 131.64 | 131.20 | 131.42 | 33.14  | 4355.26  |
| AVERAGE       |        |        | 131.64 | 160.20 | 21087.23 |
|               |        |        |        |        | 131.63   |

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NYS LIC #027935

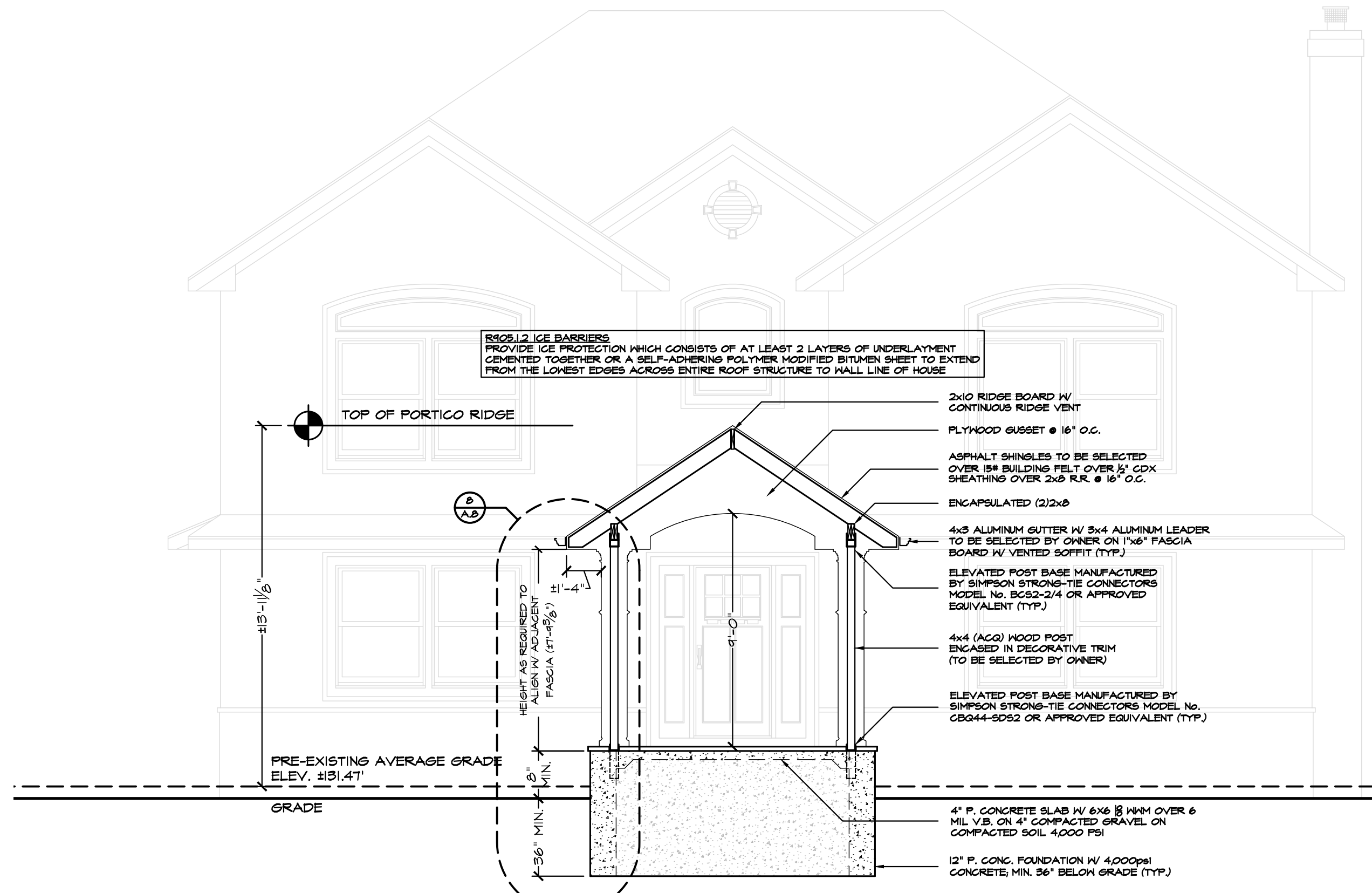
CHECKED BY:  
TCC

| REV #      | DATE | NOTE                        | JAK | BY |
|------------|------|-----------------------------|-----|----|
| 1/26/2024  |      | REVISIONS PER TOWN COMMENTS | JAK |    |
| 02/27/2025 |      | CONSTRUCTION DOCUMENTS      | JAK |    |

PROP. ADDITION & ALTERATIONS  
**ASKARINAM RESIDENCE**  
86 GARDEN DRIVE  
ALBERTSON, NY 11507  
DRAWING:  
**A.6**

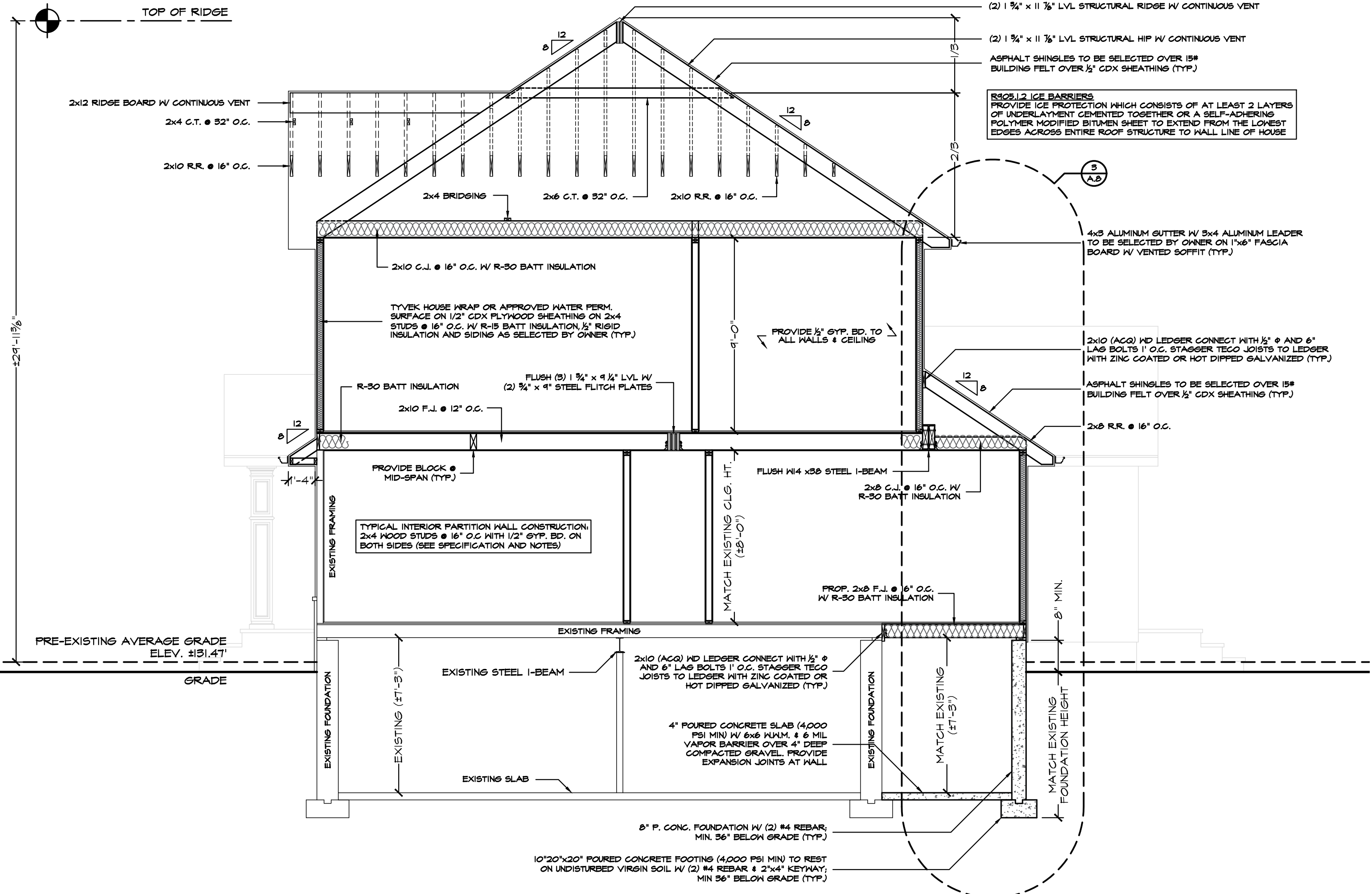
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DRAWING NUMBER  
**A.6**





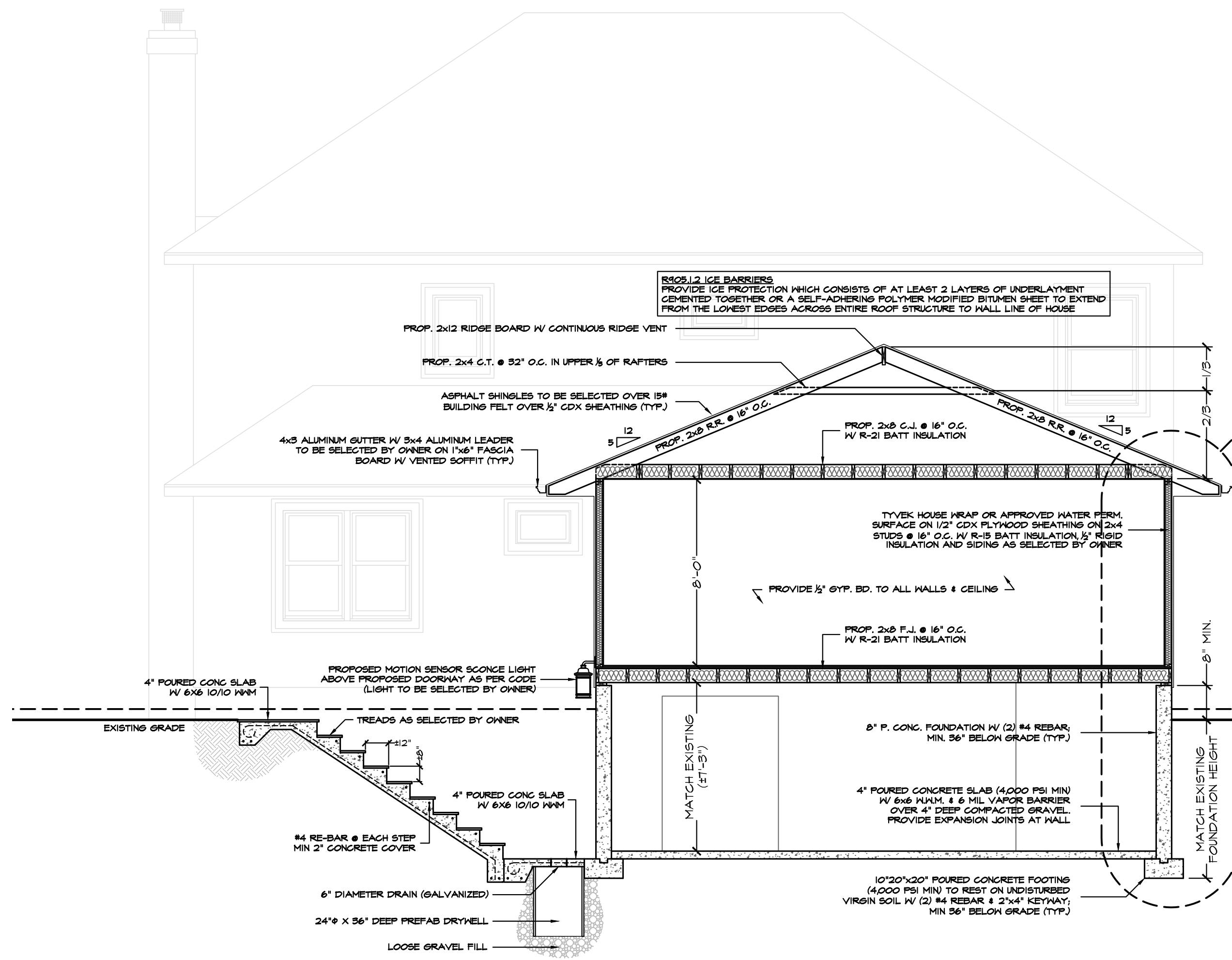
SECTION A

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



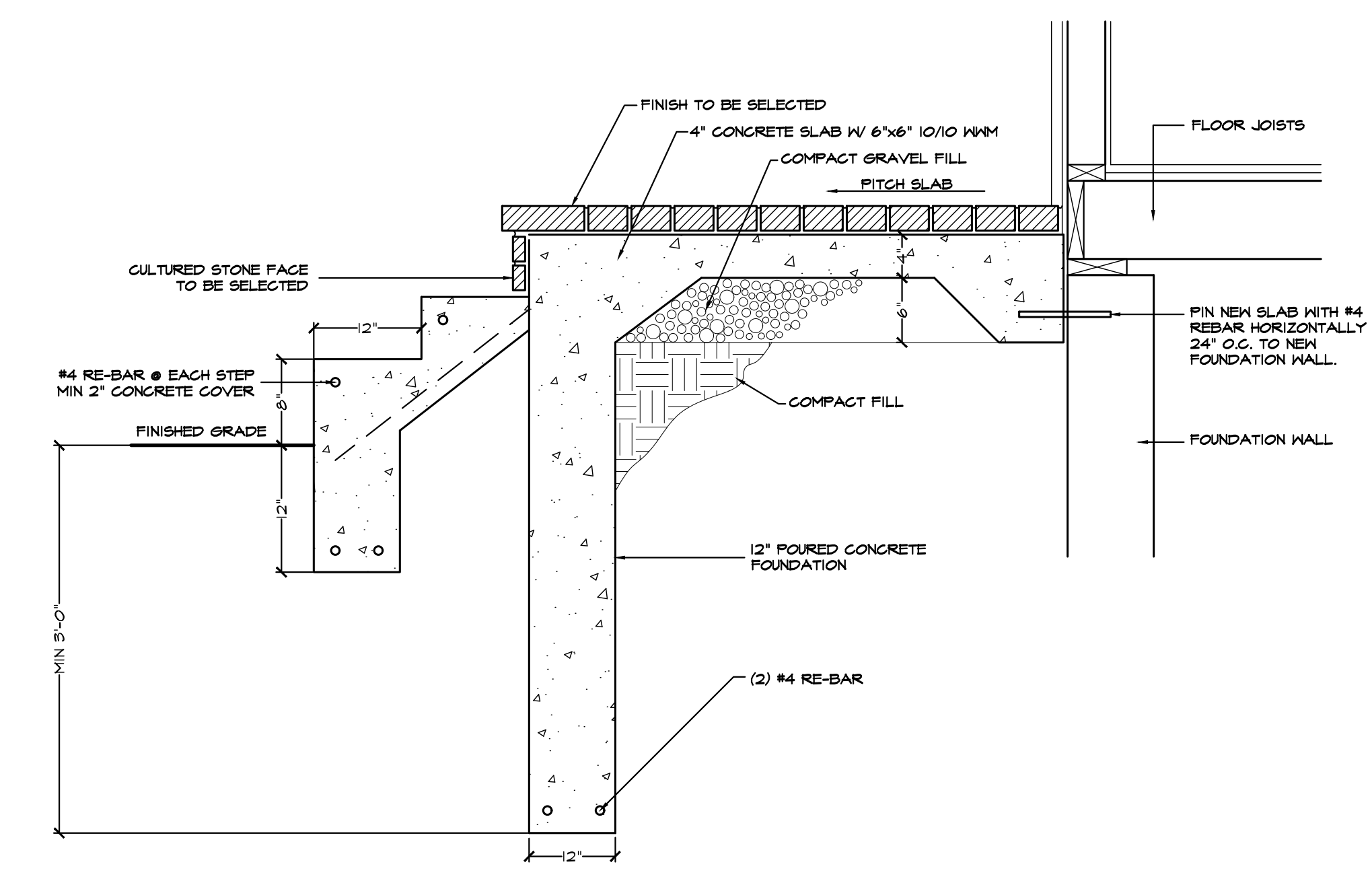
SECTION B

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



SECTION C

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



1 PORCH FOUNDATION DETAIL

SCALE: 1" = 1'-0"

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REGISTERED ARCHITECT  
STATE OF NEW YORK  
027935

CONSULTANTS:  
THE DRAWING SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT FOR THIS PROJECT ARE THE INSTRUMENTS OF SERVICE AND UNLESS OTHERWISE PROVIDED THE ARCHITECT SHALL BE DEEMED TO HAVE PERFORMED HIS OR HER OBLIGATIONS UNDER THE PROFESSIONAL STATUTE AND OTHER REGULATED RIGHTS INCLUDING COPYRIGHT. THE ARCHITECT'S DRAWINGS SHALL NOT BE USED BY THE OWNER OR OTHERS FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. THE ARCHITECT'S LIABILITY IS LIMITED TO THE COMPLETION OF THIS PROJECT BY OTHERS AS NOTED HEREON.

CONSTRUCTION DOCUMENTS  
DATE: 10/21/2023  
REV # DATE COMMENTS  
JAK 1/26/2024 REVISIONS PER TOWN COMMENTS  
JAK 10/21/2023 CONSTRUCTION DOCUMENTS

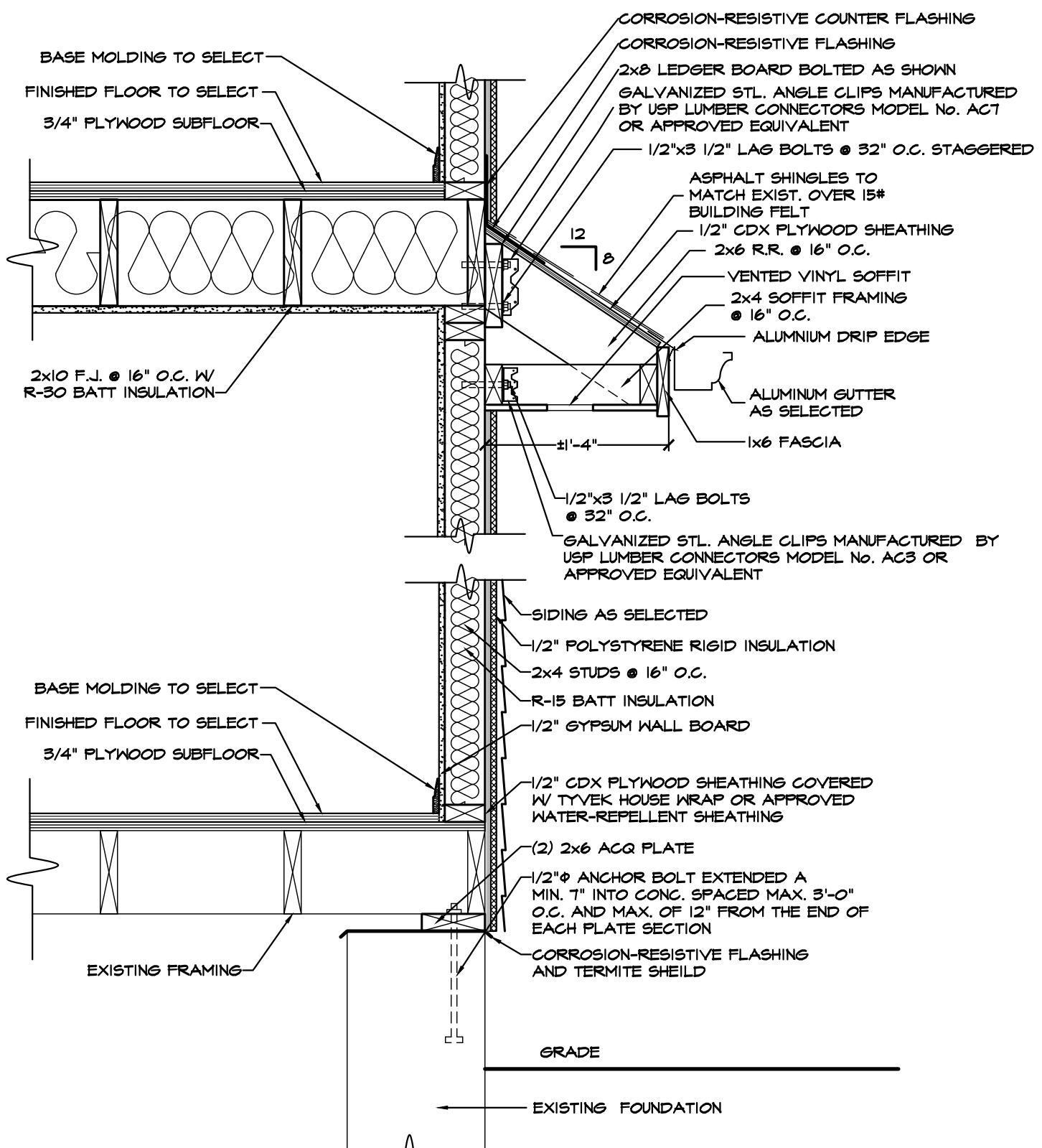
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DRAWN BY: JAK BT

PROF. ADDITION & ALTERATIONS  
**ASKARINAM RESIDENCE**  
86 GARDEN DRIVE  
ALBERTSON, NY 11507

JOB#: AS-18-95T  
DATE: 1-26-2024  
SCALE: AS NOTED  
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**A.7**

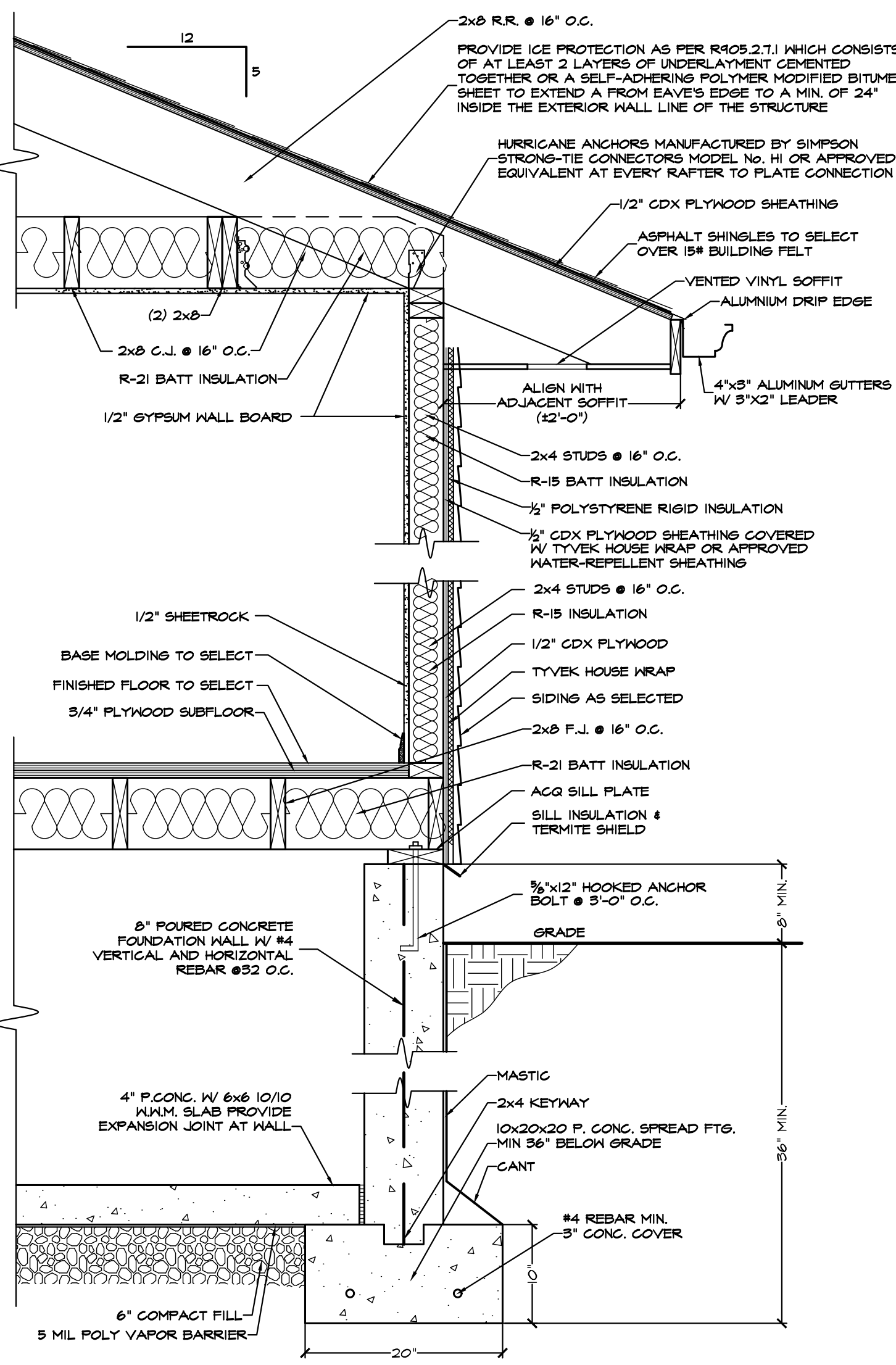
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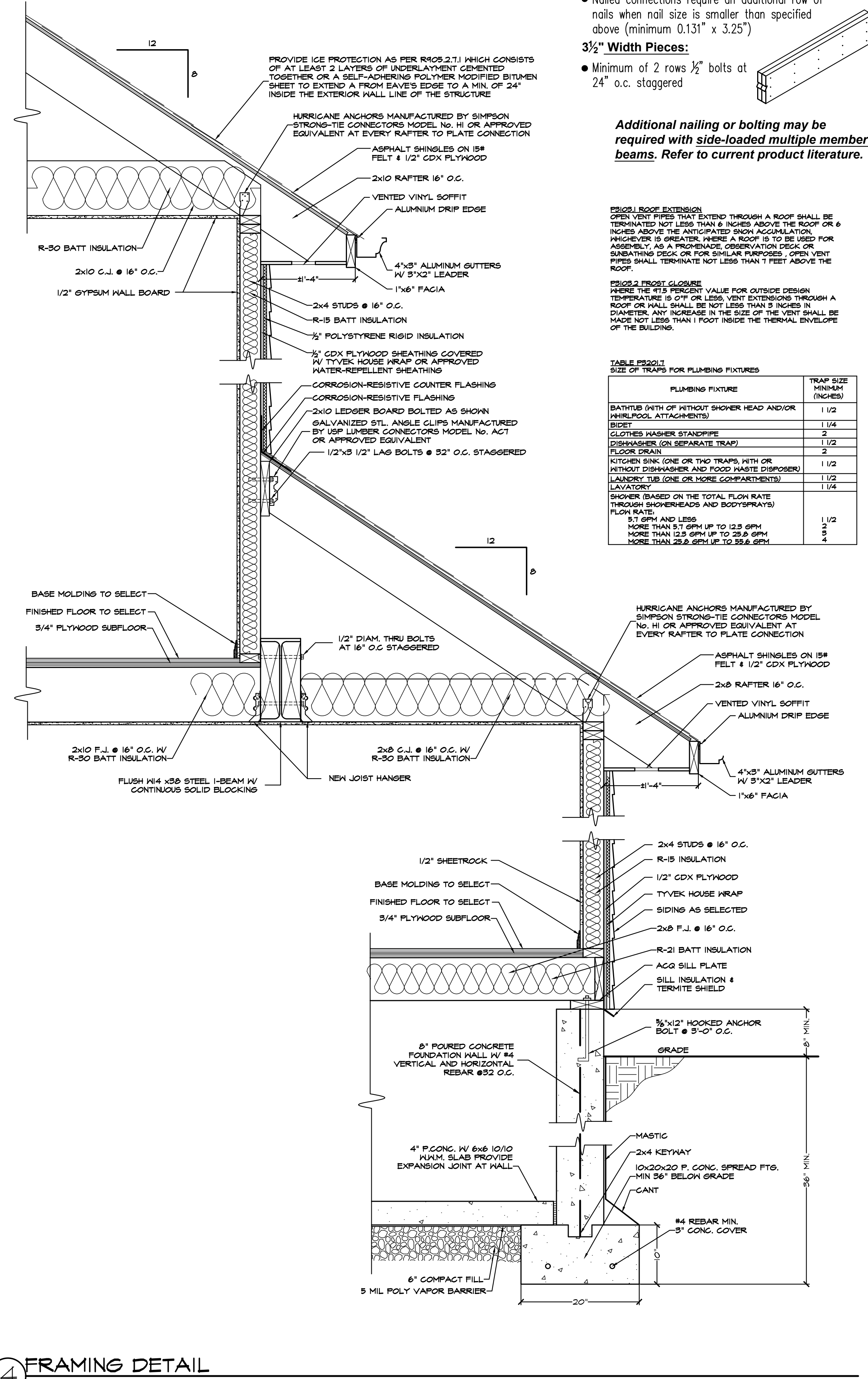
2 FRAMING DETAIL

SCALE: 1" = 1'-0"



3 FRAMING DETAIL

SCALE: 1" = 1'-0"



4 FRAMING DETAIL

SCALE: 1" = 1'-0"

CONNECTION OF MULTIPLE PIECES OF TOP-LOADED BEAMS

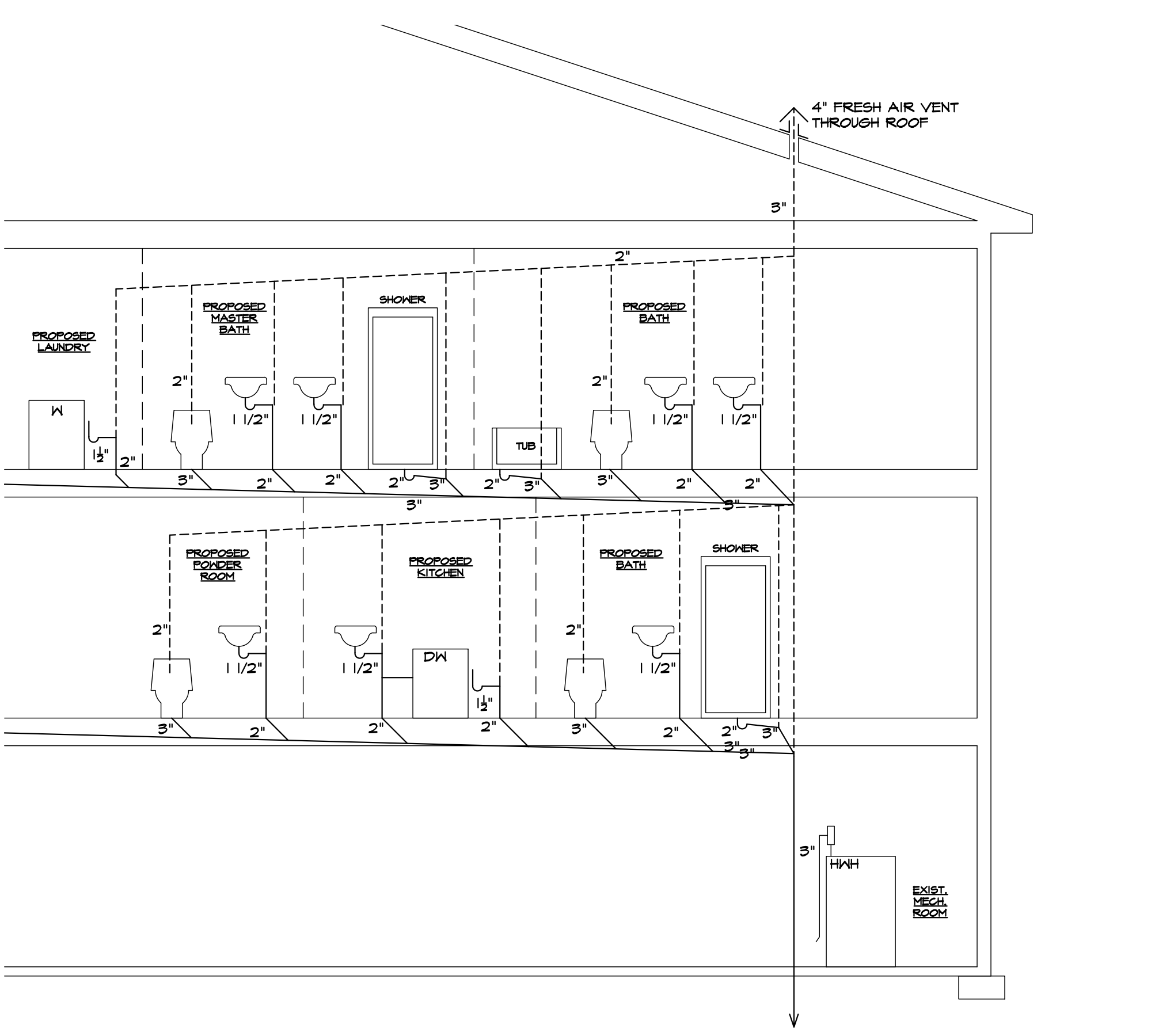
- 1 3/4" Width Pieces:**
- Minimum of 2 rows 16d (3 1/2") nails at 12" o.c.
  - Minimum of 3 rows 16d (3 1/2") nails at 12" o.c. for 14" and deeper beams
  - Nailed connections require an additional row of nails when nail size is smaller than specified above (minimum 0.131" x 3.25")
- 3 1/2" Width Pieces:**
- Minimum of 2 rows 1/2" bolts at 24" o.c. staggered

Additional nailing or bolting may be required with side-loaded multiple member beams. Refer to current product literature.

**PS102.1 ROOF EXTENSION**  
OPEN VENT PIPES THAT EXTEND THROUGH A ROOF SHALL BE TERMINATED NOT LESS THAN 6 INCHES ABOVE THE ROOF OR 6 INCHES ABOVE THE ANTICIPATED SNOW ACCUMULATION, WHICHEVER IS GREATER. WHERE A ROOF IS TO BE USED FOR ASSEMBLY, AS A PROMENADE, OBSERVATION DECK OR SUBSTANTIATING DECK OR FOR SIMILAR PURPOSES, OPEN VENT PIPES SHALL TERMINATE NOT LESS THAN 1 FEET ABOVE THE ROOF.

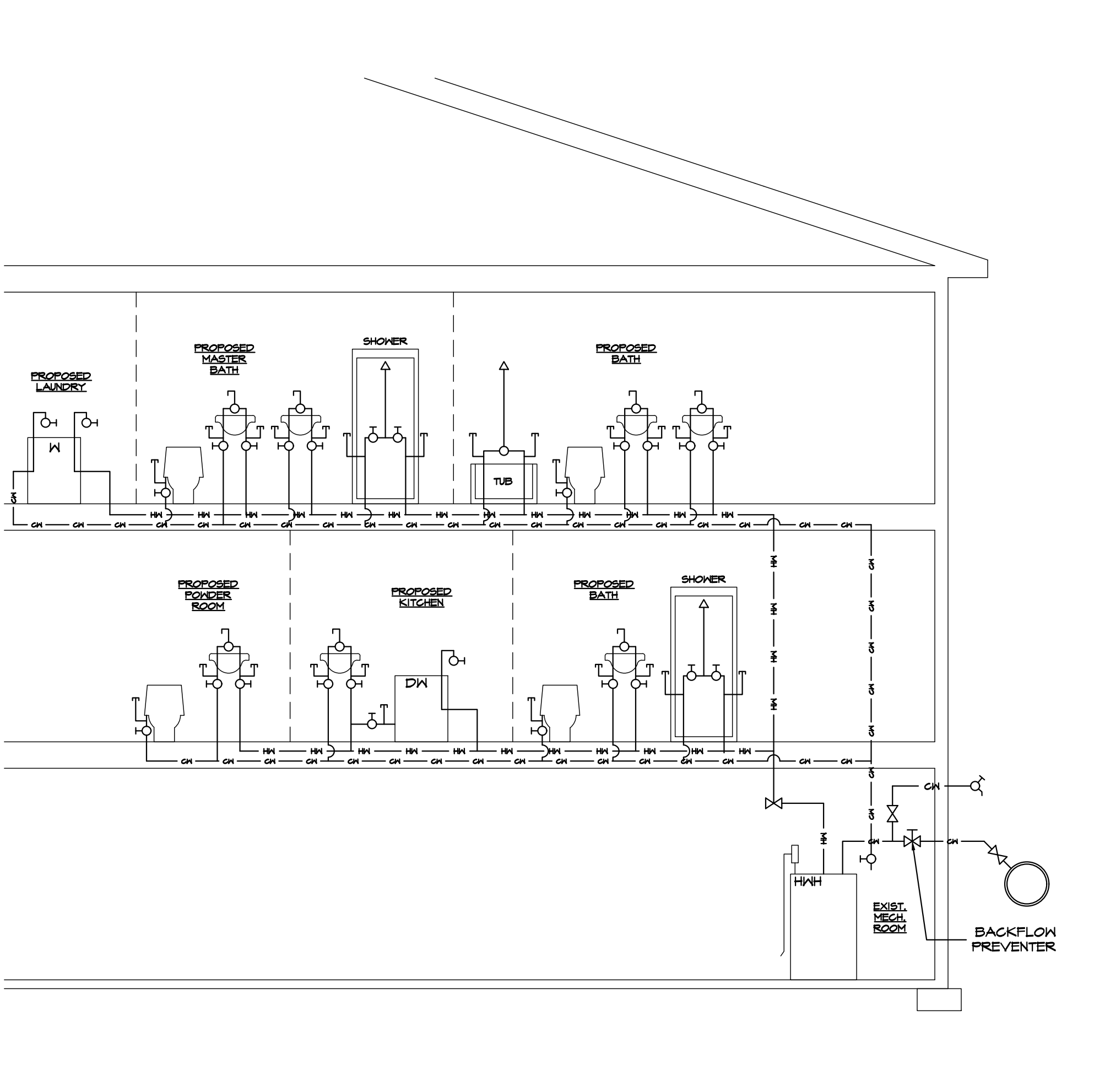
**PS102.2 FROST CLOSURE**  
WHERE THE WIND PERCENT VALUE FOR OUTSIDE DESIGN TEMPERATURE IS 0% OR LESS, VENT EXTENSIONS THROUGH A ROOF OR WALL SHALL BE NOT LESS THAN 5 INCHES IN DIAMETER. ANY INCREASE IN THE SIZE OF THE VENT SHALL BE MADE NOT LESS THAN 1 FOOT INSIDE THE THERMAL ENVELOPE OF THE BUILDING.

| PLUMBING FIXTURE                                                                    | TRAP SIZE (INCHES) |
|-------------------------------------------------------------------------------------|--------------------|
| BATHUB (WITH OR WITHOUT SHOWER HEAD AND/OR HANDHOOD ATTACHMENTS)                    | 1 1/2              |
| BIDET                                                                               | 1 1/4              |
| CLOTHES WASHER STANDPIPE                                                            | 2                  |
| DISHWASHER (OR SEPARATE TRAP)                                                       | 1 1/2              |
| FLOOR DRAIN                                                                         | 2                  |
| KITCHEN SINK (ONE OR TWO TRAPS, WITH OR WITHOUT DISHWASHER AND FOOD WASTE DISPOSER) | 1 1/2              |
| LAUNDRY TUB (ONE OR MORE COMPARTMENTS)                                              | 1 1/2              |
| LAVATORY                                                                            | 1 1/4              |
| SHOWER (BASED ON THE TOTAL FLOW RATE THROUGH SHOWERHEADS AND BODYSPRAYS)            |                    |
| FLOW RATE:                                                                          |                    |
| 5.7 GPM AND LESS                                                                    | 1 1/2              |
| MORE THAN 5.7 GPM UP TO 12.5 GPM                                                    | 2                  |
| MORE THAN 12.5 GPM UP TO 25.0 GPM                                                   | 3                  |
| MORE THAN 25.0 GPM UP TO 55.0 GPM                                                   | 4                  |



PLUMBING WASTE RISER DIAGRAM

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



PLUMBING SUPPLY RISER DIAGRAM

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

**TODD O'CONNELL, AIA**  
1200 Veterans Memorial Highway  
Suite 120  
Hauppauge, NY 11788  
P (631) 650-6666  
F (631) 650-6667  
C (516) 658-0325  
www.tocarchitects.com  
todd@tocarchitects.com

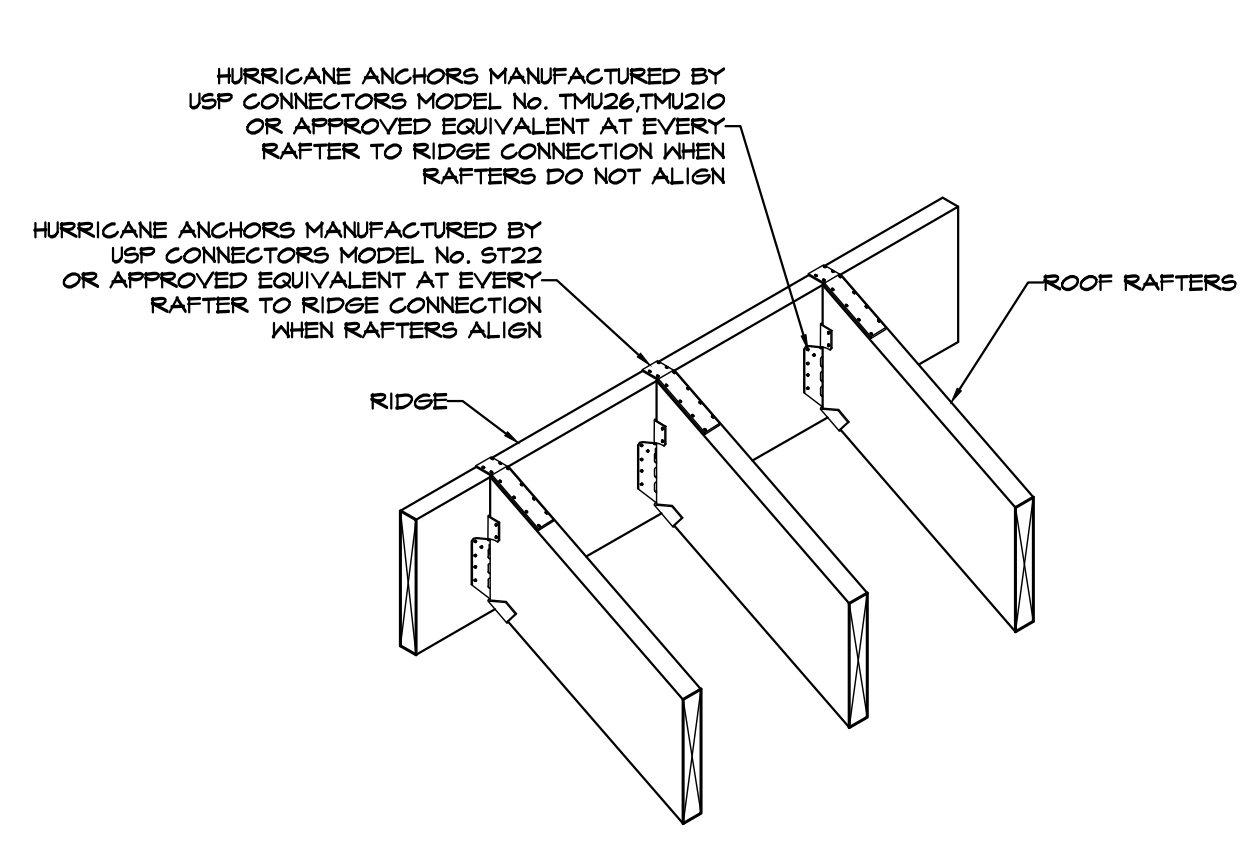
**TODD O'CONNELL, AIA**  
STATE OF NEW YORK  
027935

|                             |                        |
|-----------------------------|------------------------|
| CONSULTANTS:                | NYS LIC #021935        |
| CHECKED BY:<br>TOC          | DRAWN BY:<br>JAK       |
| REV #:                      | DATE:                  |
| REVISIONS PER TOWN COMMENTS | CONSTRUCTION DOCUMENTS |
| 1/26/2024                   | 10/27/2023             |

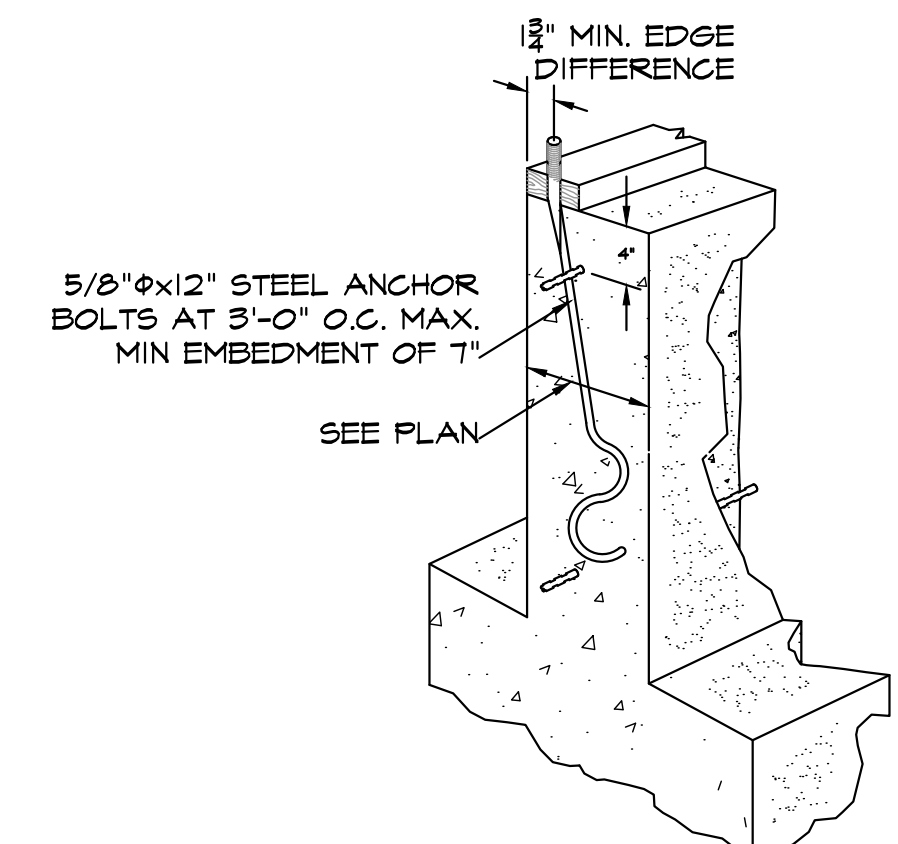
PROP. ADDITION & ALTERATIONS  
**ASKARINAM RESIDENCE**  
86 GARDEN DRIVE  
ALBERTSON, NY 11507

JOB#: AS-18-951  
DATE: 1-26-2024  
SCALE: AS NOTED  
DRAWING NUMBER  
**A.8**

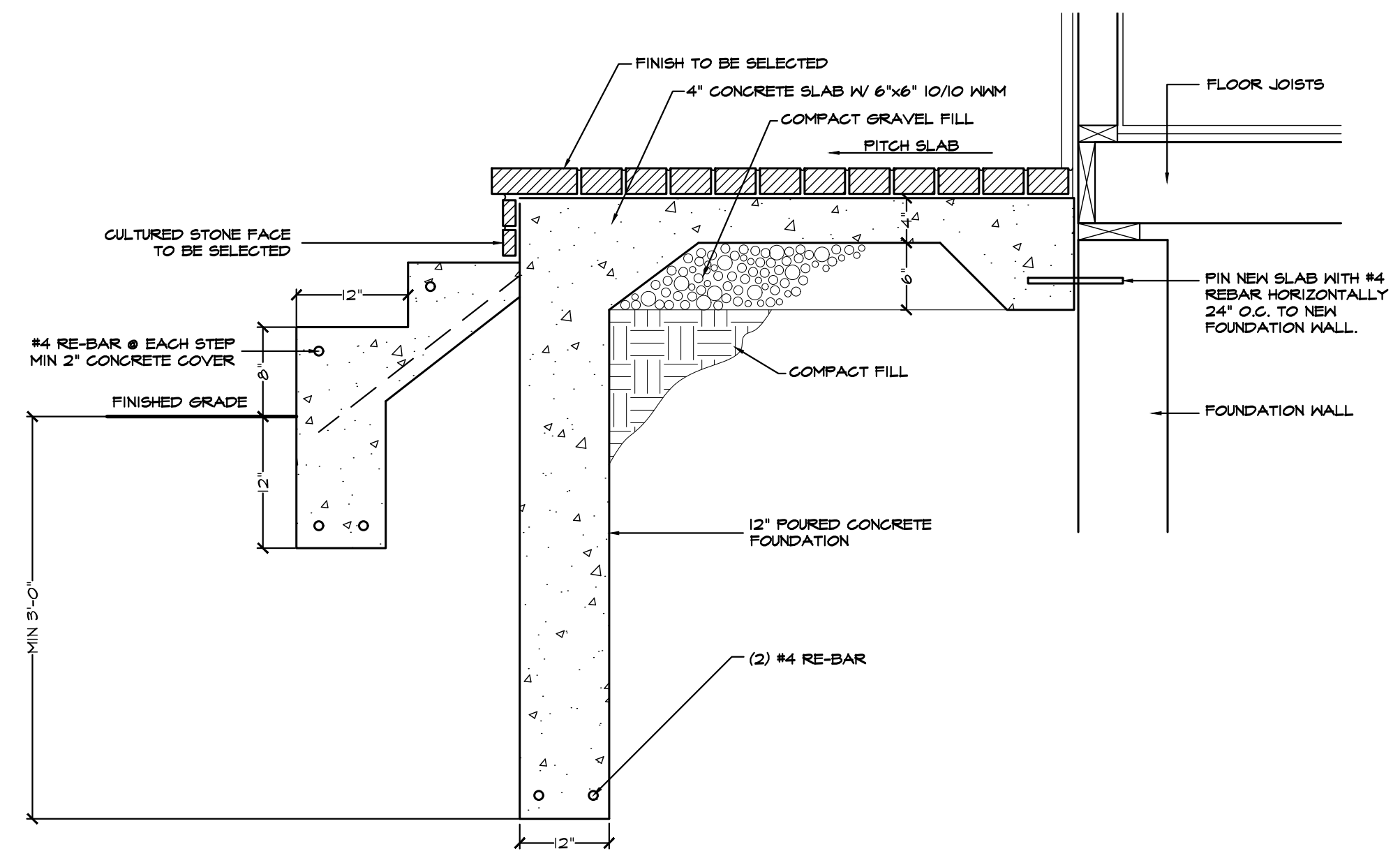




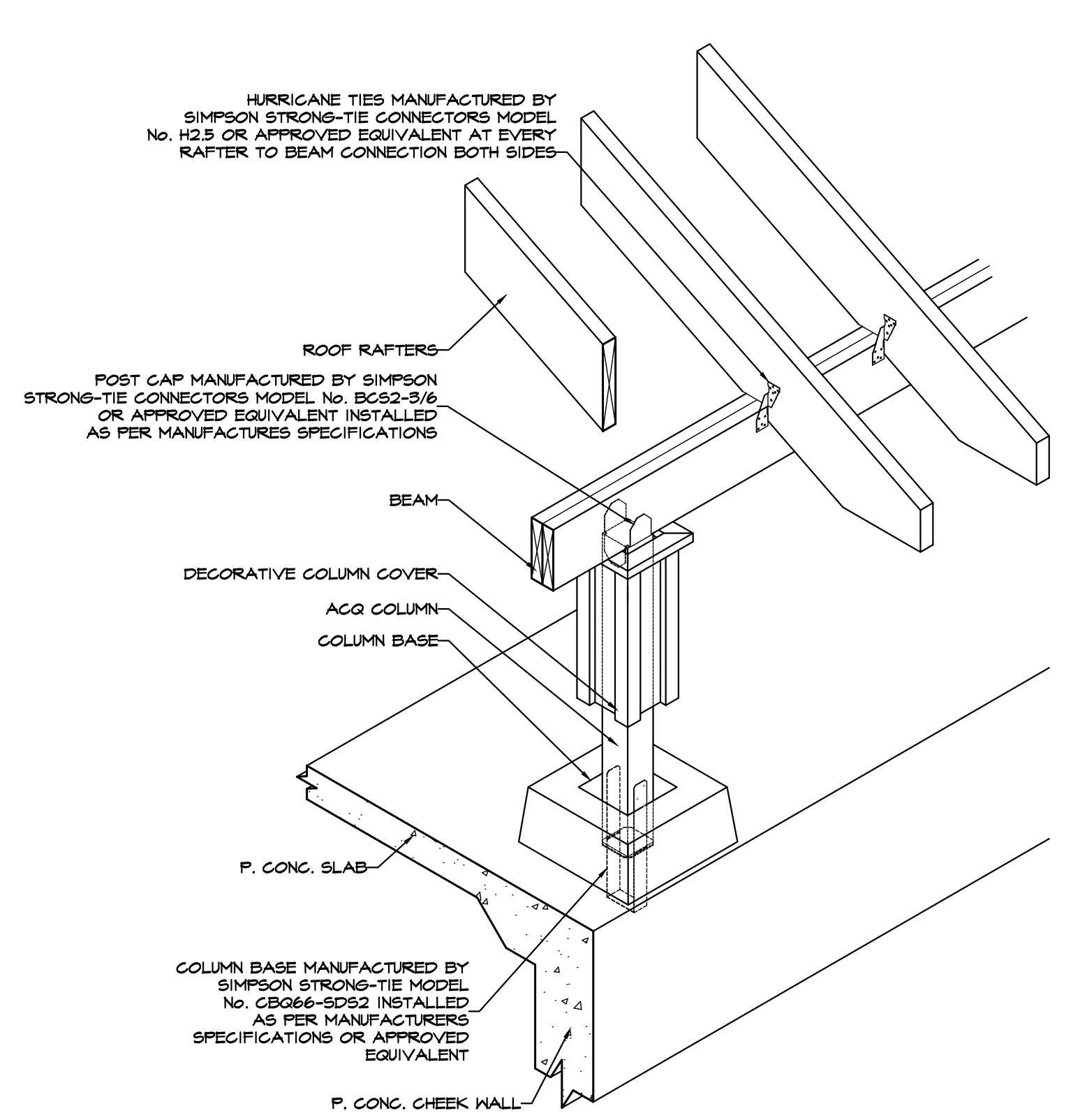
5 RIDGE STRAPPING DETAIL  
SCALE: 3/4" = 1'-0"



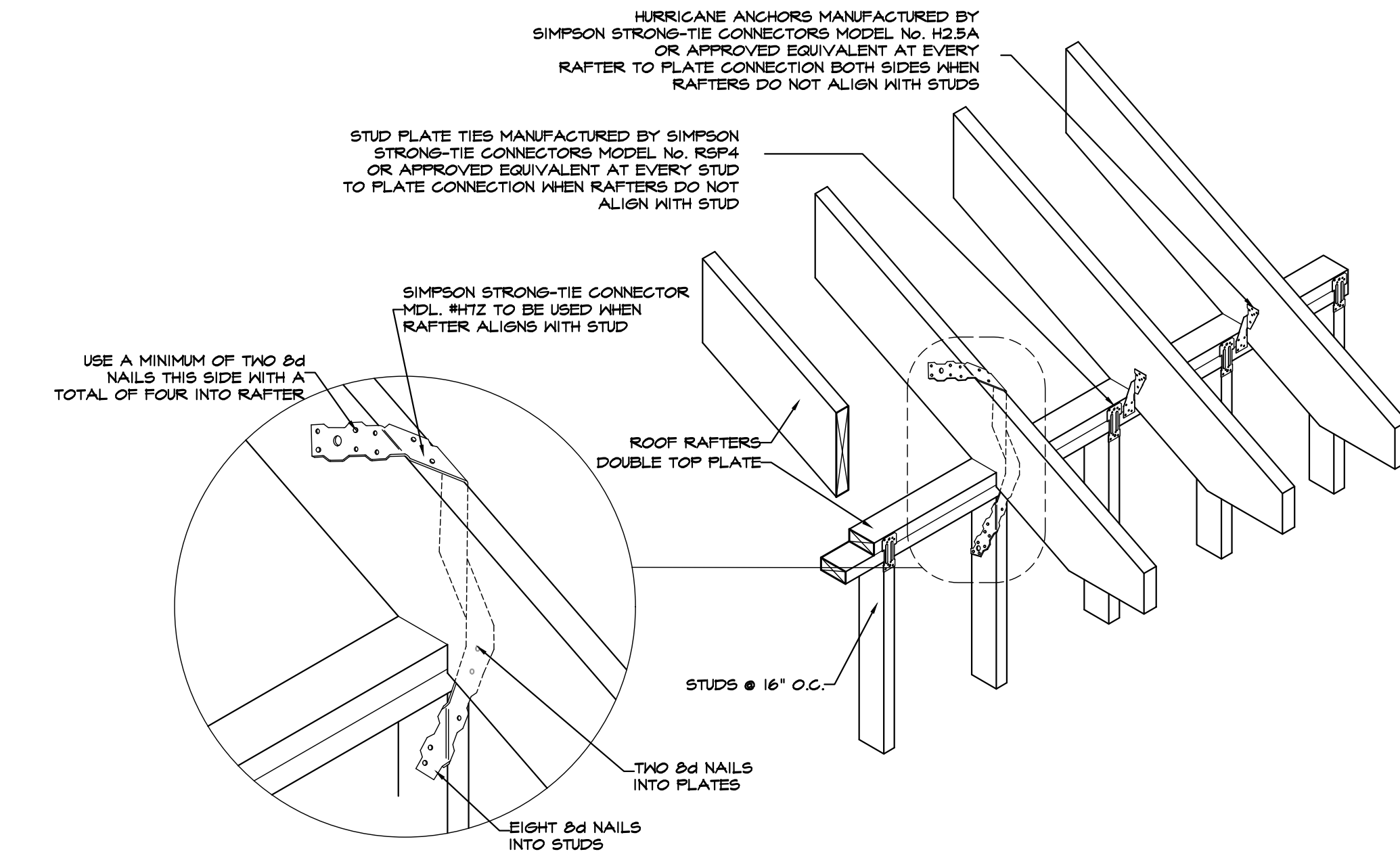
6 ANCHOR BOLT DETAIL  
SCALE: 1" = 1'-0"



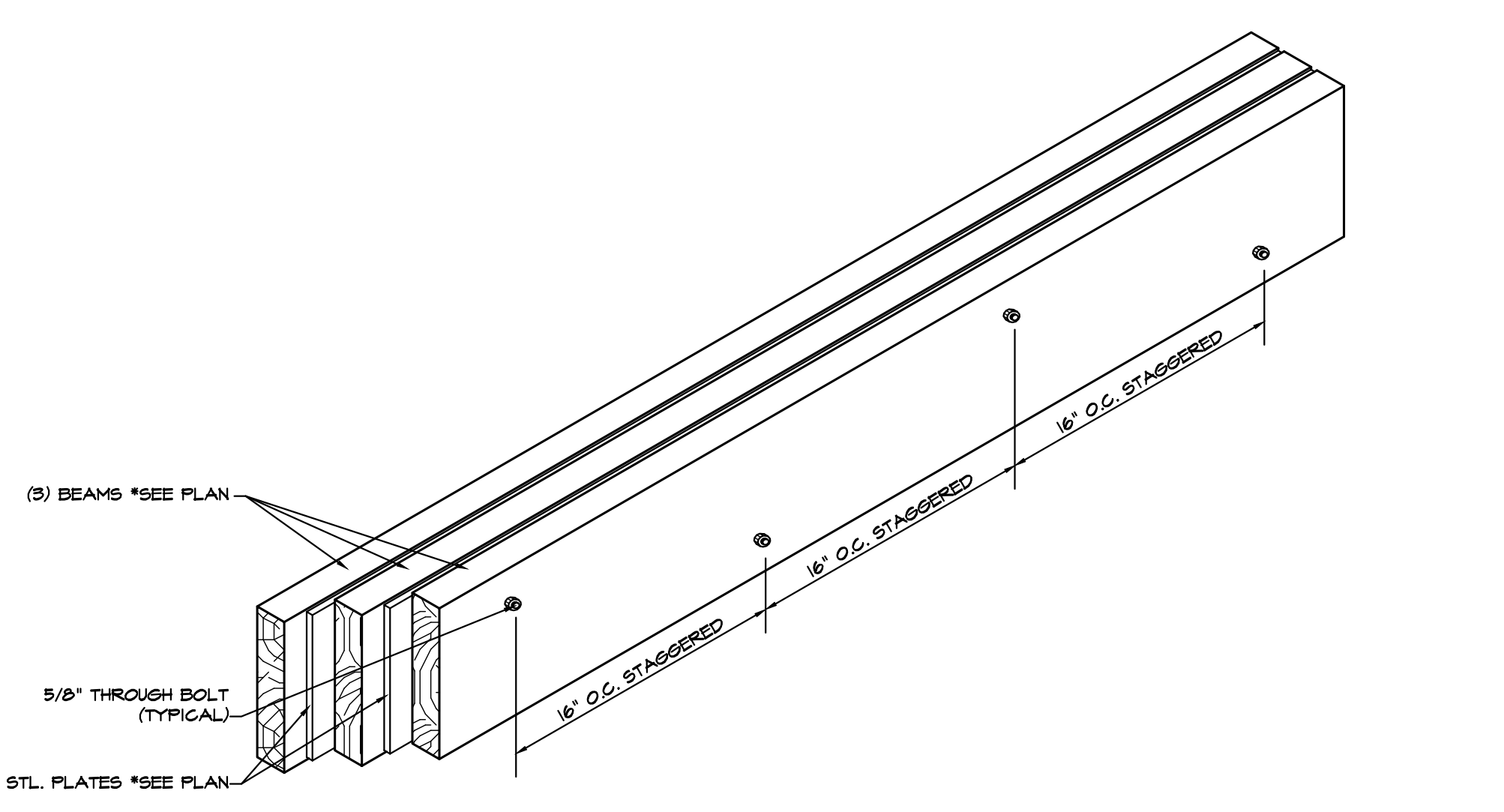
7 PORCH FOUNDATION DETAIL  
SCALE: 1" = 1'-0"



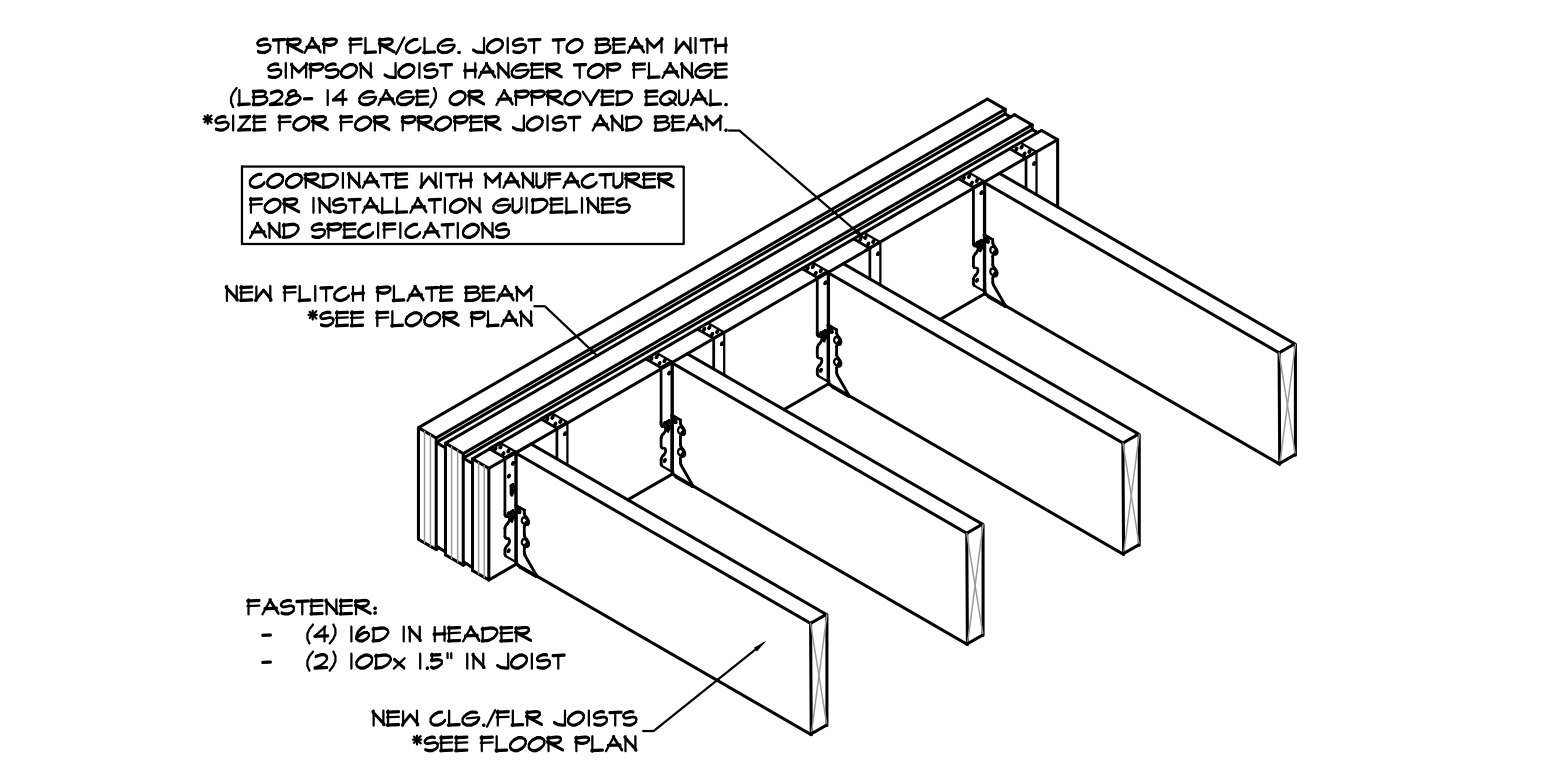
8 PORTICO STRAPPING DETAIL  
SCALE: 3/4" = 1'-0"



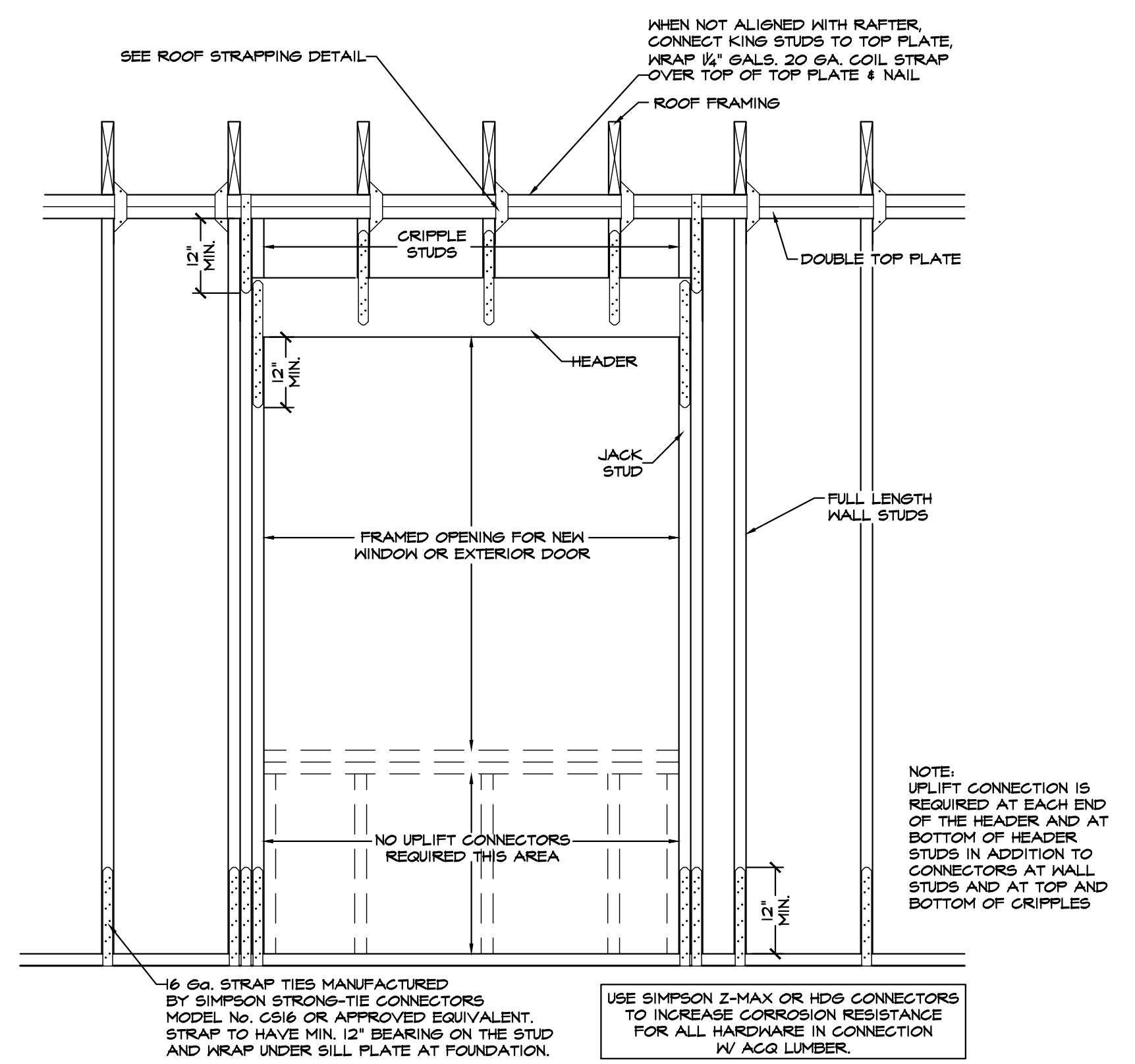
9 ROOF STRAPPING DETAIL  
SCALE: 3/4" = 1'-0"



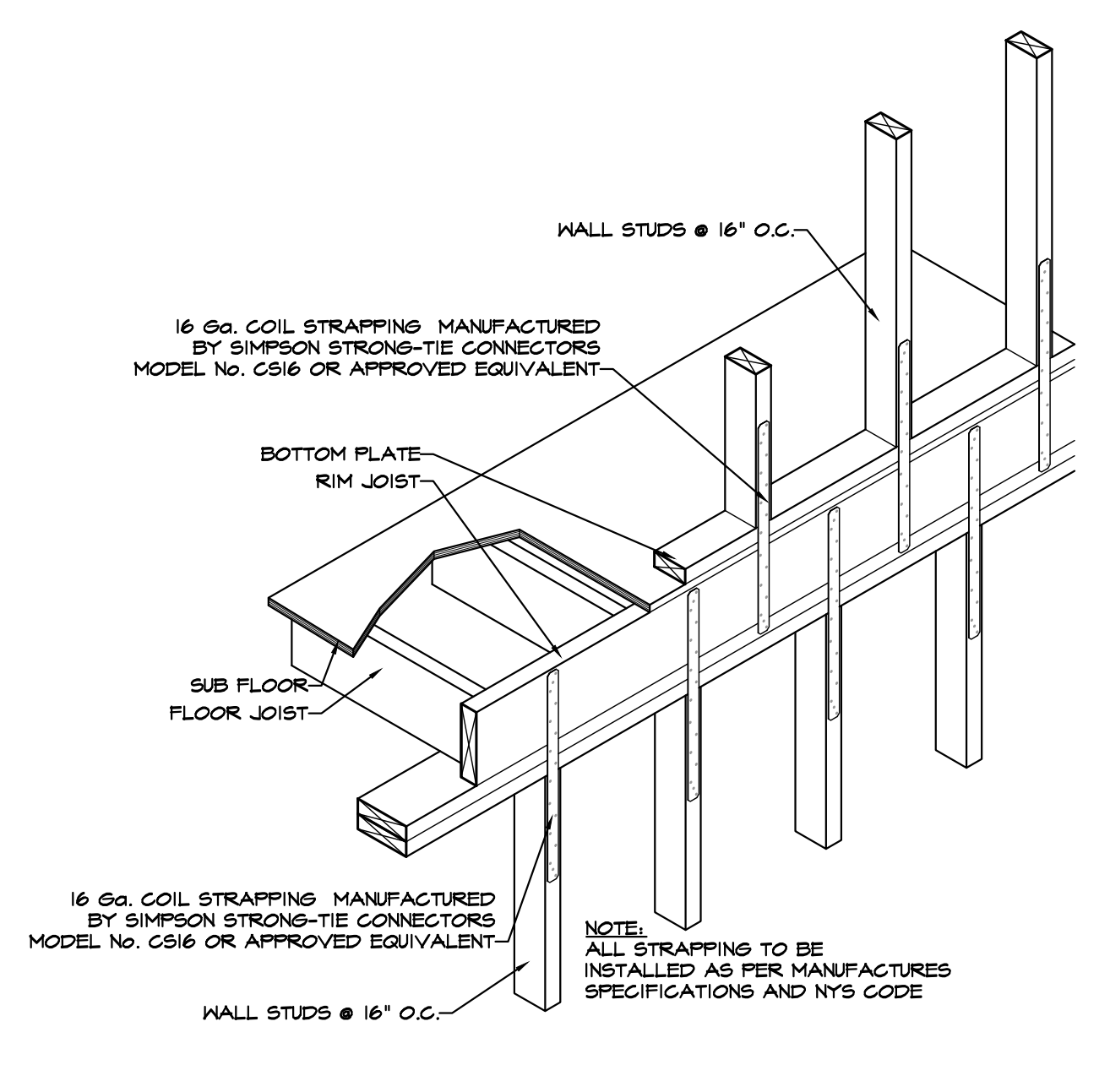
10 FLITCH PLATE BOLTING DETAIL  
SCALE: NTS



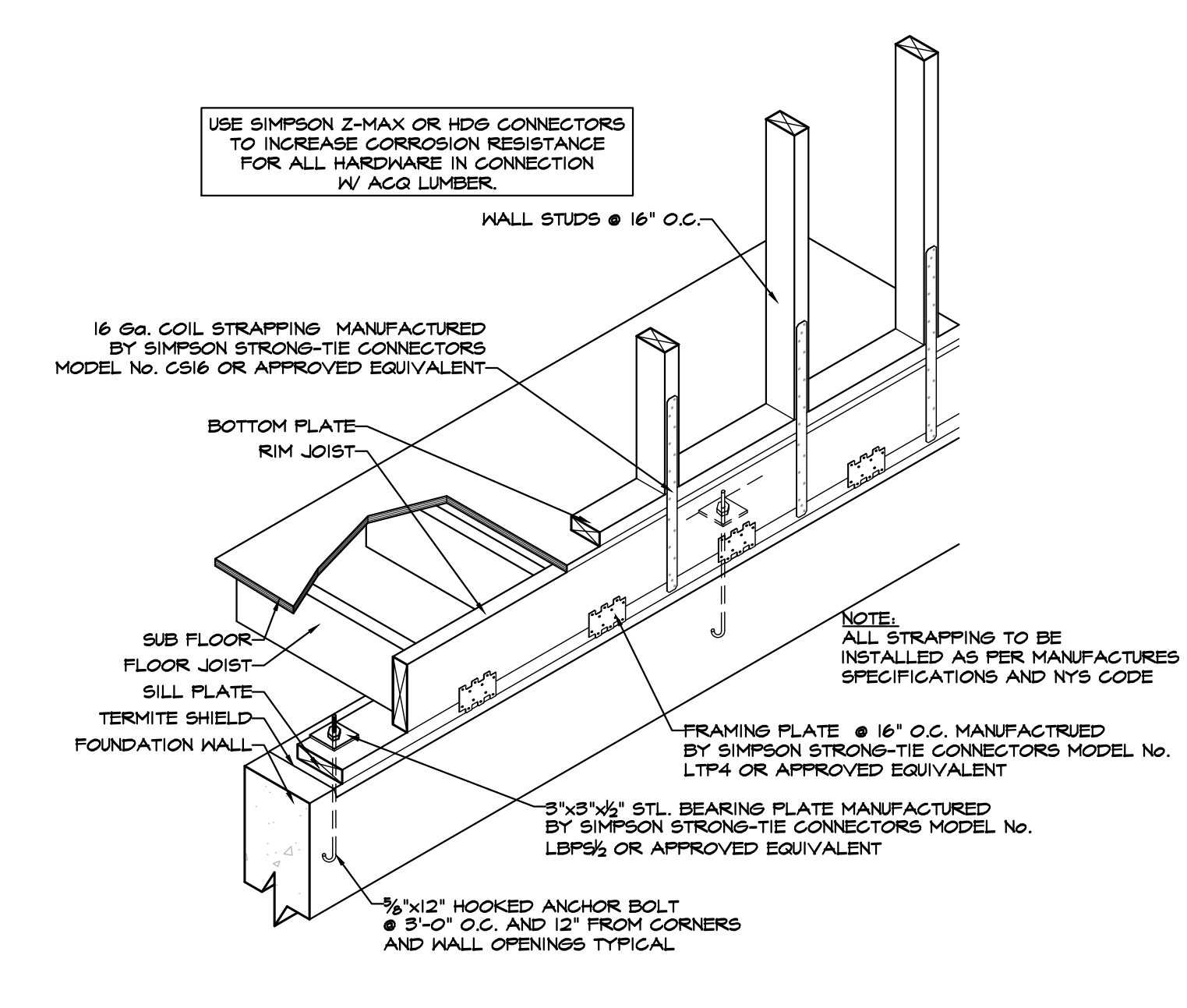
11 FLITCH PLATE STRAPPING DETAIL  
SCALE: 3/4" = 1'-0"



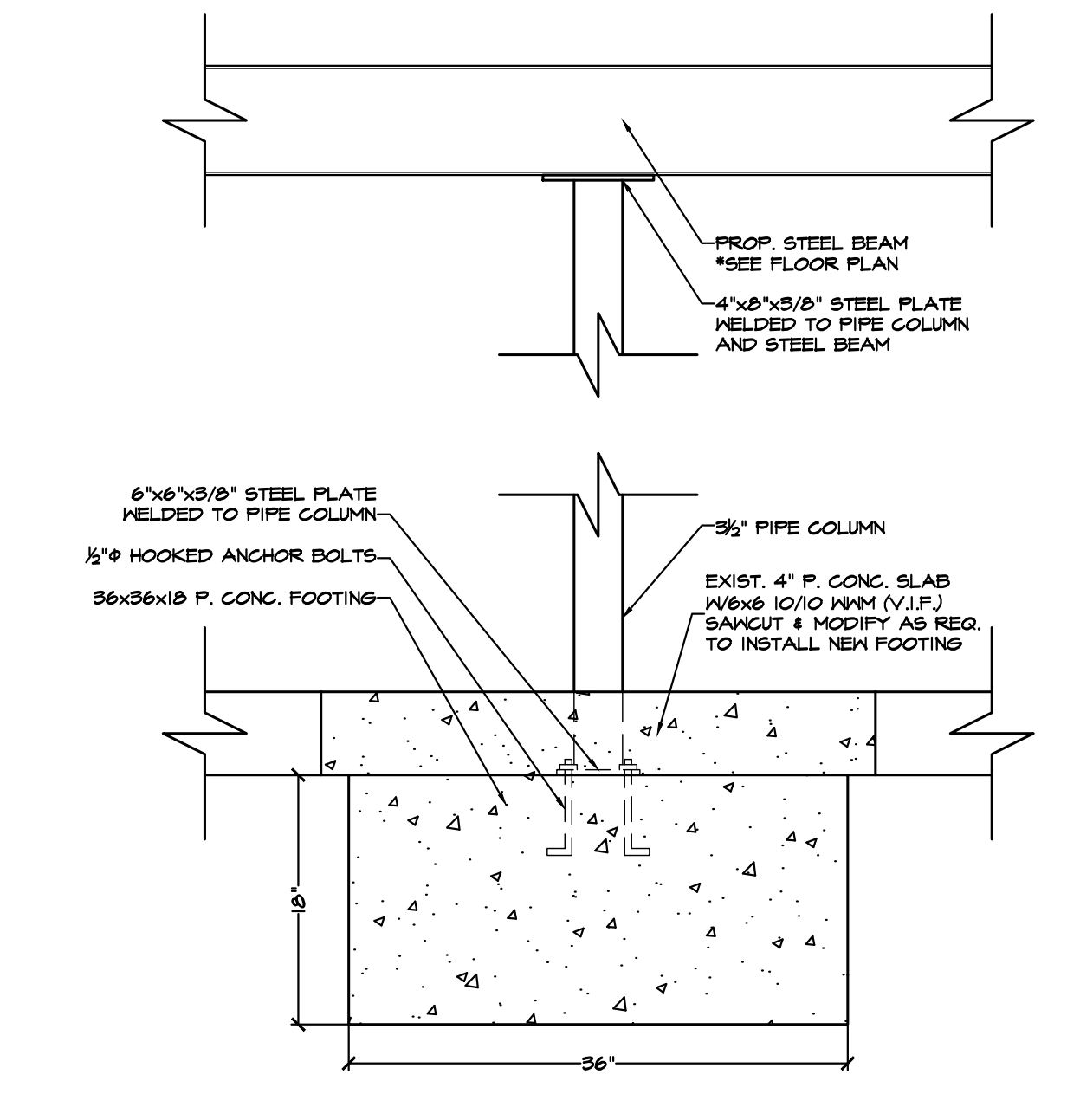
12 UPLIFT CONNECTOR DETAIL  
SCALE: 3/4" = 1'-0"



13 FLOOR STRAPPING DETAIL  
SCALE: 3/4" = 1'-0"



14 FLOOR STRAPPING DETAIL  
SCALE: 3/4" = 1'-0"



15 STEEL COLUMN DETAIL  
SCALE: 1" = 1'-0"

**TODD O'CONNELL ARCHITECTS**  
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TODD O'CONNELL, AIA  
1200 Veterans Memorial Highway  
Suite 120  
Hauppauge, NY 11788  
P (631) 650-6666  
F (631) 650-6667  
C (516) 658-0325  
www.tocarchitects.com  
toddo@tocarchitects.com

REGISTERED ARCHITECT  
TODD O'CONNELL  
STATE OF NEW YORK  
027935

CONSULTANTS:  
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CHECKED BY:  
TCC

DRAWN BY:  
JAK  
BT

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CONSTRUCTION DOCUMENTS

1/26/2024  
02/27/2025

DATE: 02/27/2025

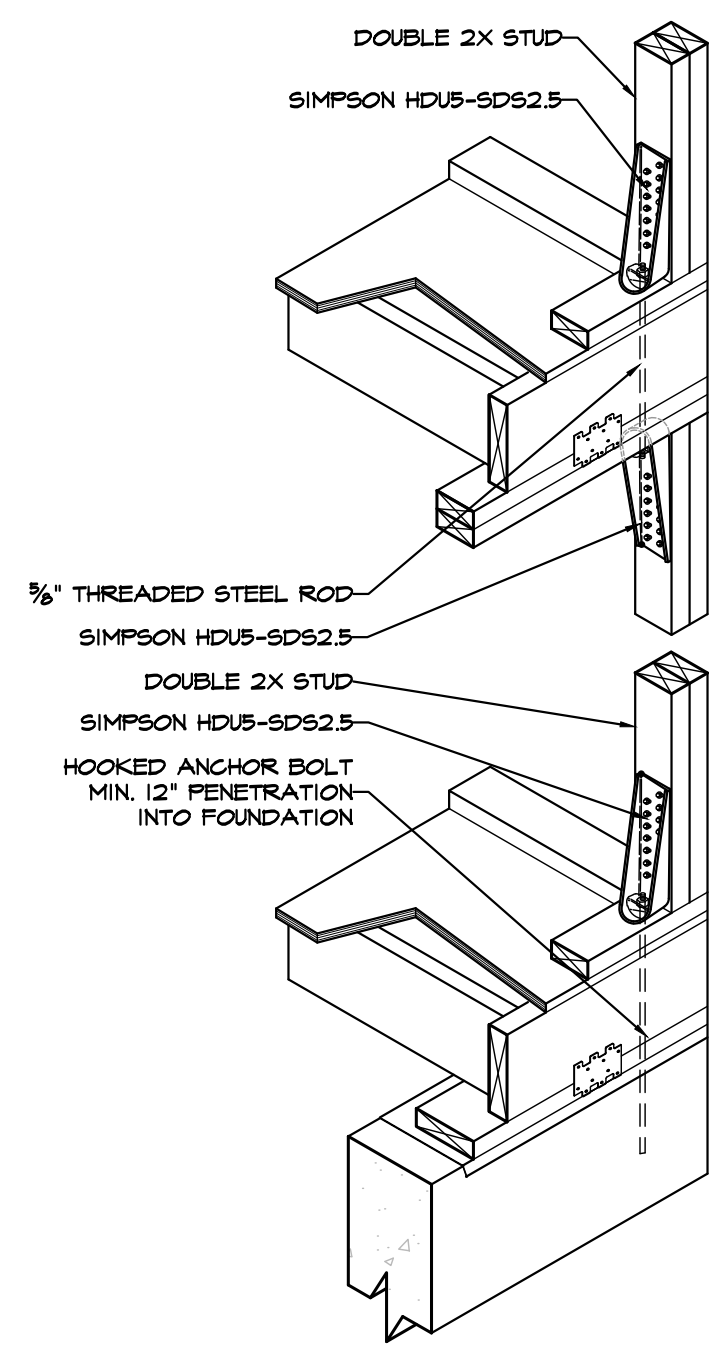
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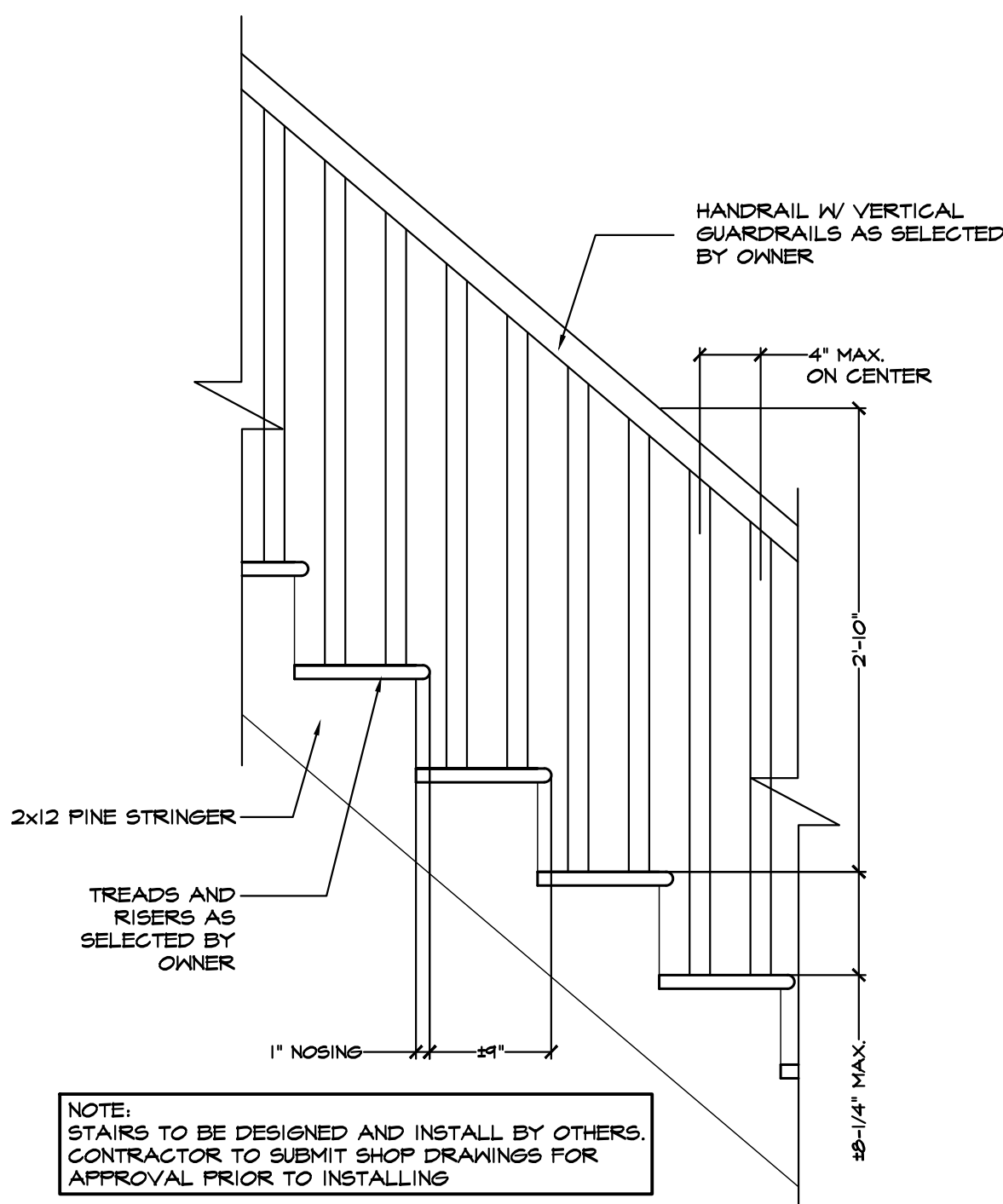




USE SIMPSON Z-MAX OR HDG CONNECTORS TO INCREASE CORROSION RESISTANCE FOR ALL HARDWARE IN CONNECTION W/ ACG LUMBER.

PROVIDE HOLD DOWNS AT ALL CORNERS AND BOTH SIDES OF OPENINGS 6\"/>

16 HOLD DOWN DETAIL SCALE: 3/4\"/>

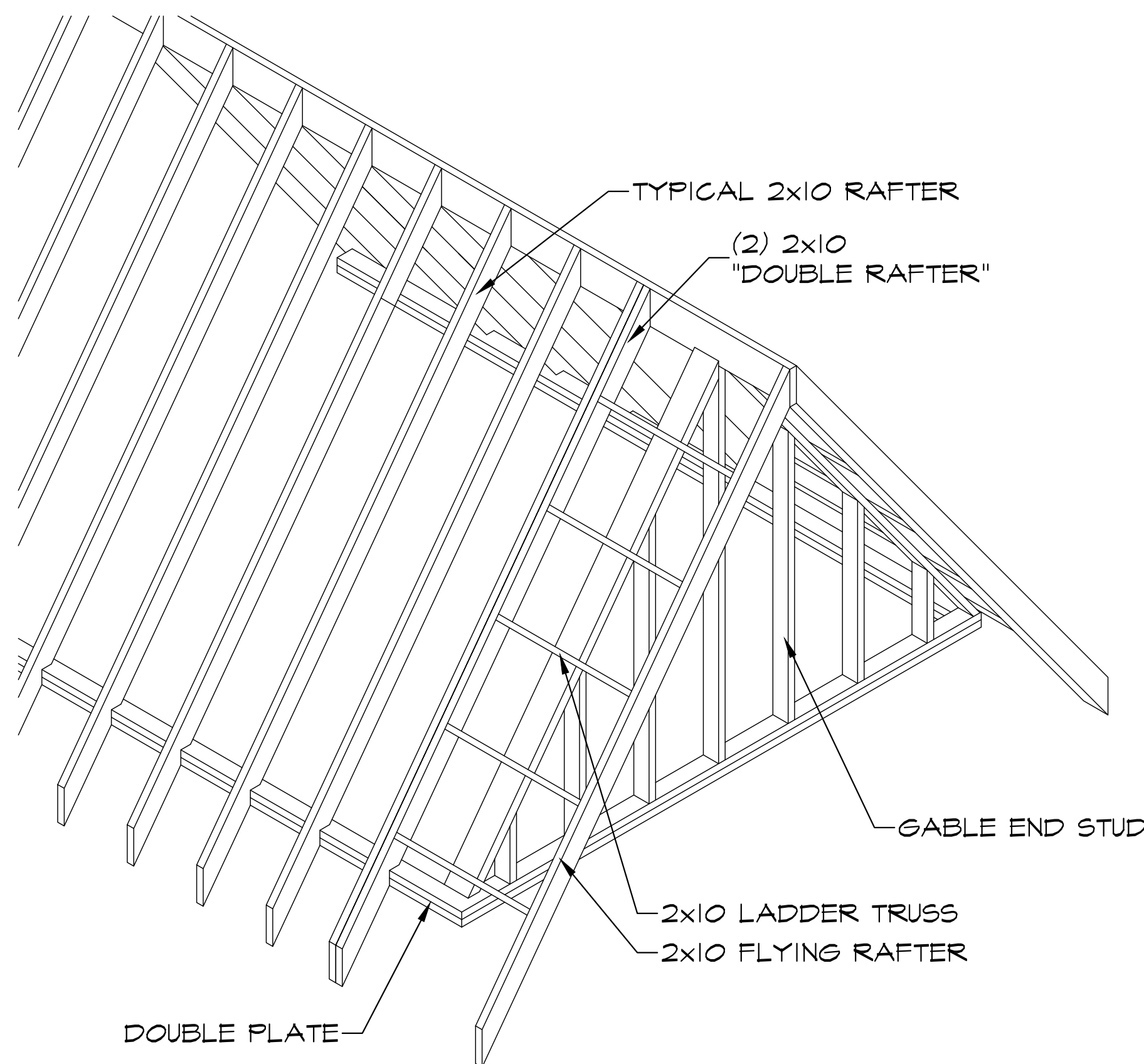


NOTE: STAIRS TO BE DESIGNED AND INSTALL BY OTHERS. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLING.

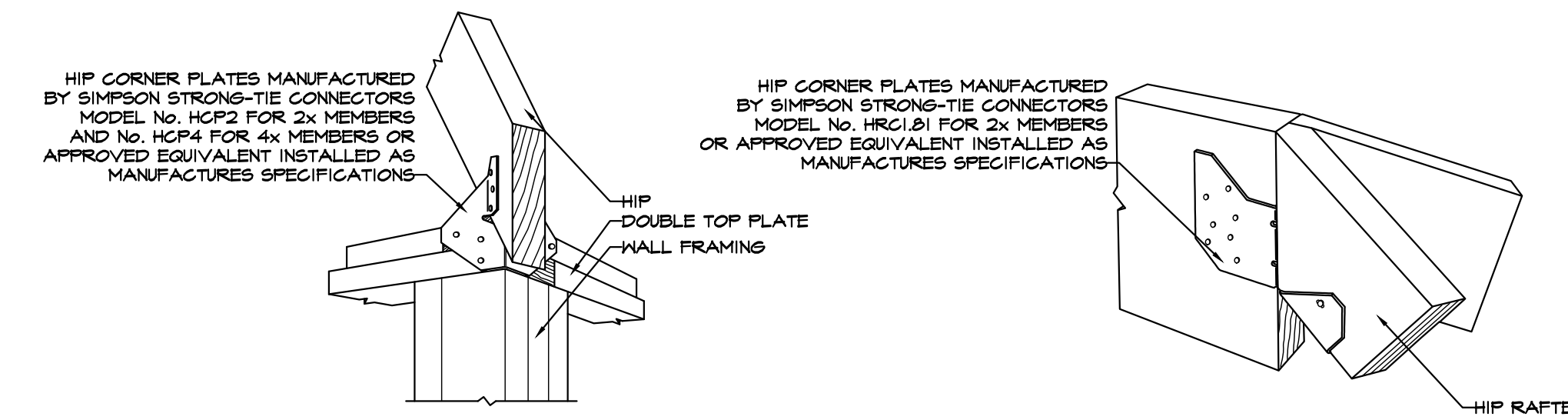
NOTE: MAINTAIN A MINIMUM OF 6\"/>

NOTE: FINAL FINISHES FOR STAIRS TO BE SELECTED. COORDINATE WITH OWNER.

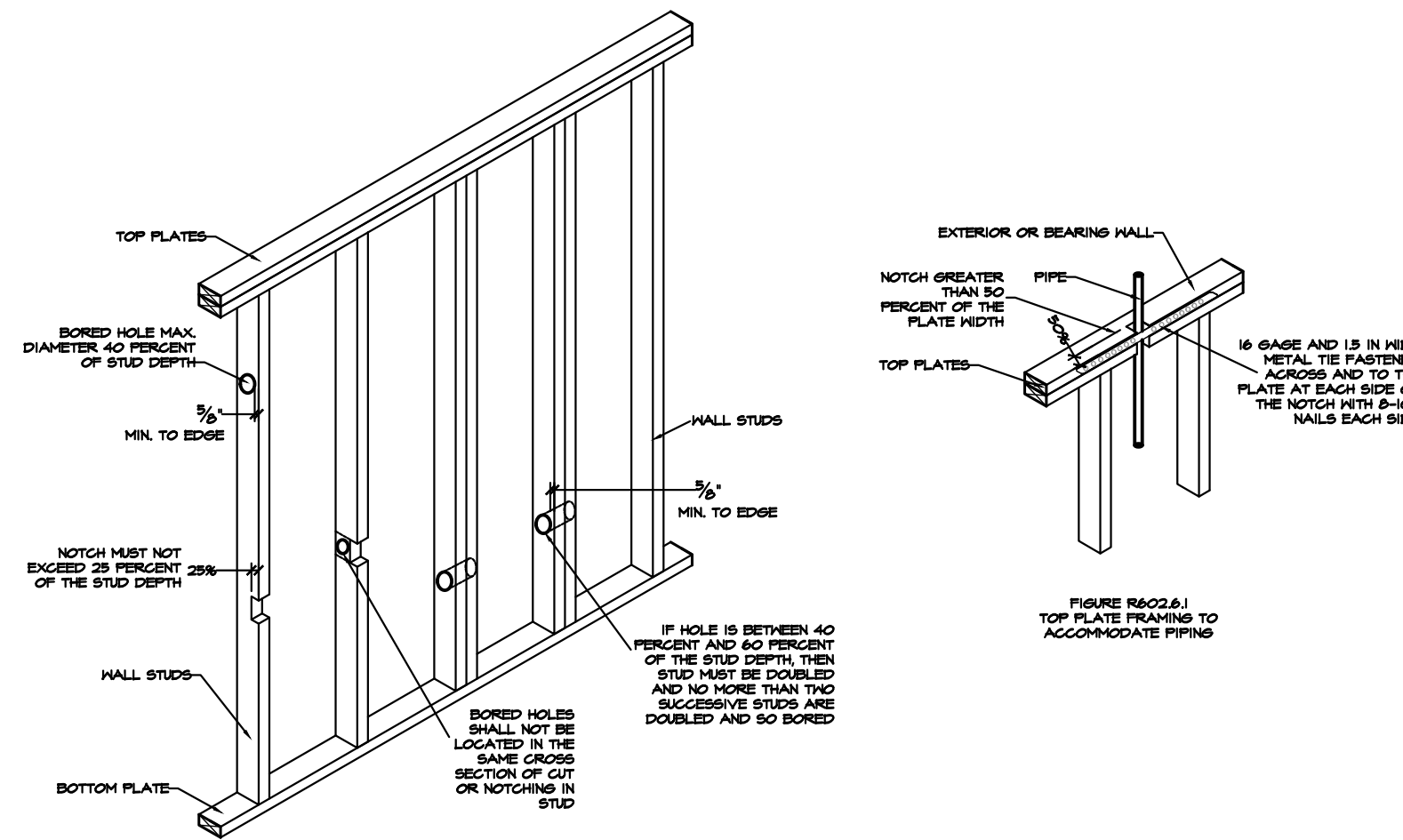
17 STAIR DETAIL SCALE: 3/4\"/>



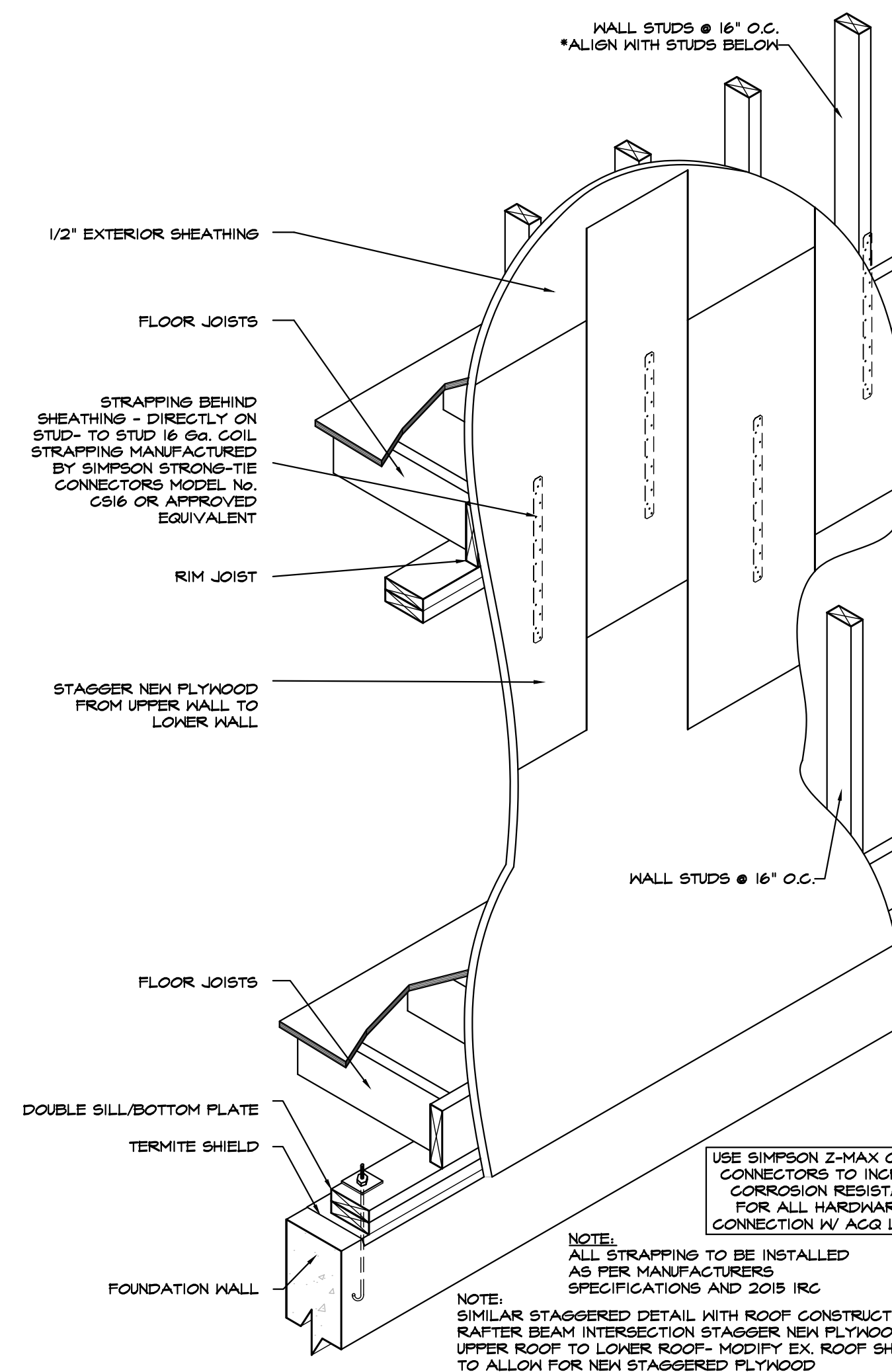
20 SOFFIT FRAMING DETAIL SCALE: 3/8\"/>



18 HIP STRAPPING DETAILS SCALE: 3/4\"/>



19 STUD NOTCHING DETAIL SCALE: N.T.S.



22 WALL STRAPPING DETAIL SCALE: 3/4\"/>

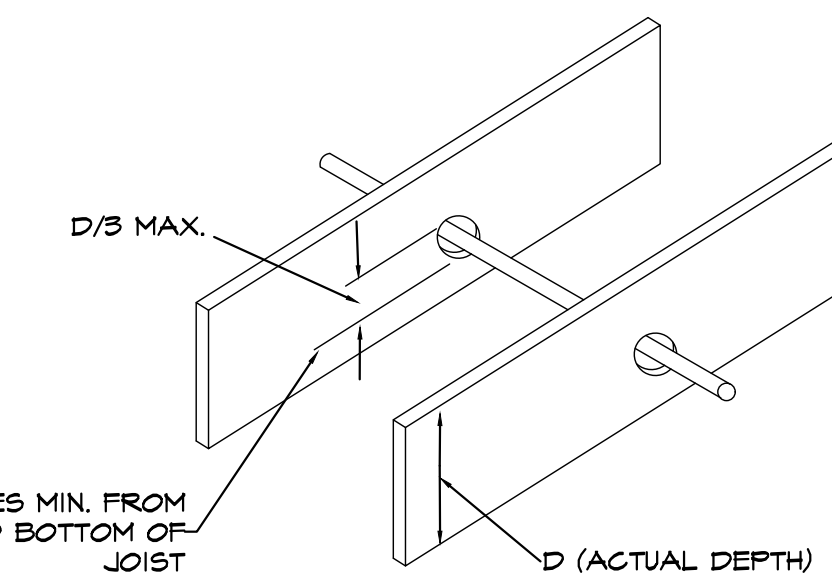
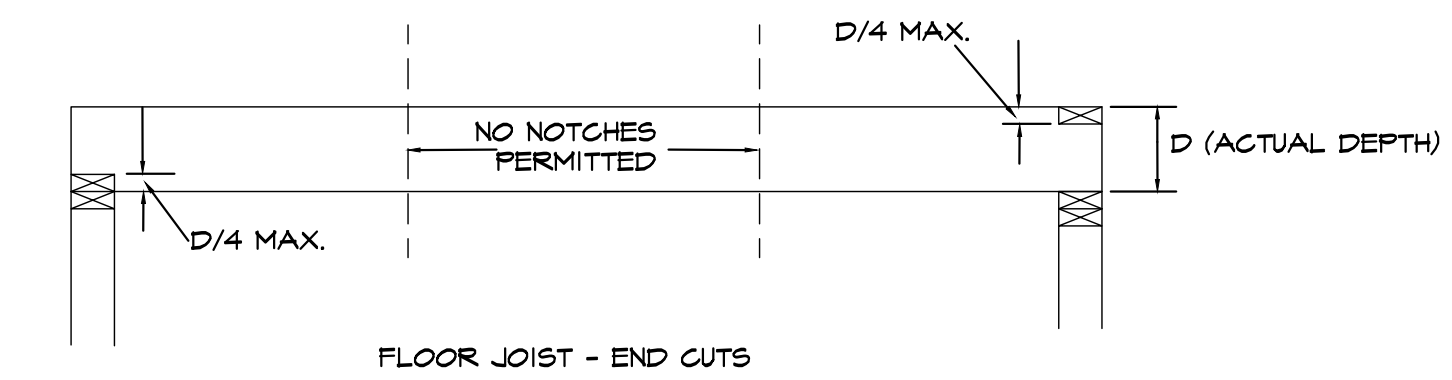
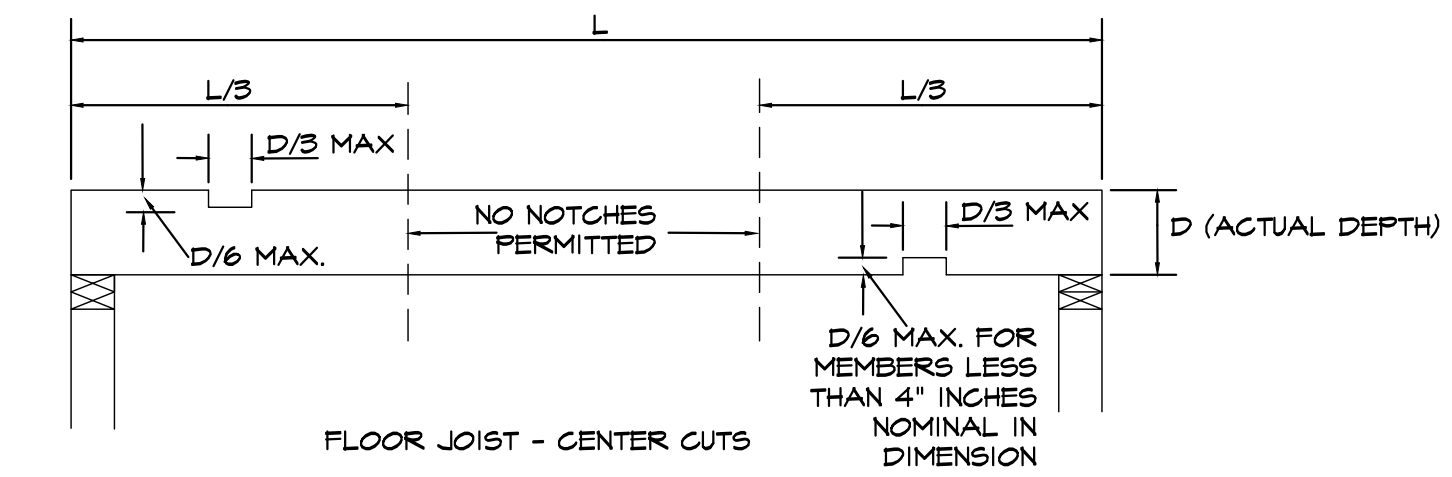
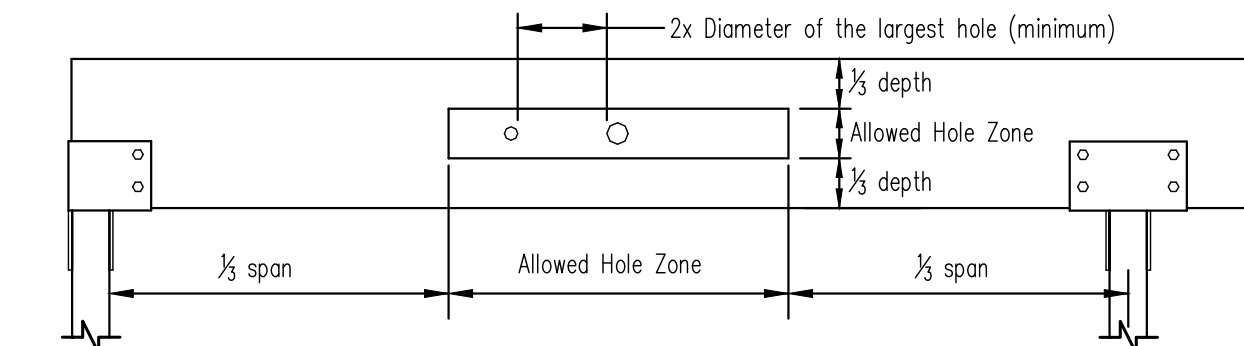


FIGURE R502.B CUTTING, NOTCHING AND DRILLING

ANY NOTCHING OR DRILLING IN STEEL BEAMS OR FLITCH PLATE MUST BE CONSULTED WITH PROFESSIONAL ENGINEER

ALLOWABLE HOLES - Beams and Headers

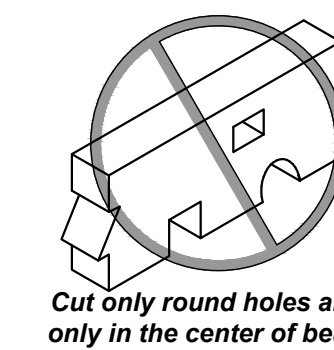


| BEAM DEPTH    | MAXIMUM ROUND HOLE SIZE |
|---------------|-------------------------|
| 4 1/2"        | 1"                      |
| 5 1/2"        | 1 1/2"                  |
| 7 1/2" to 20" | 2"                      |

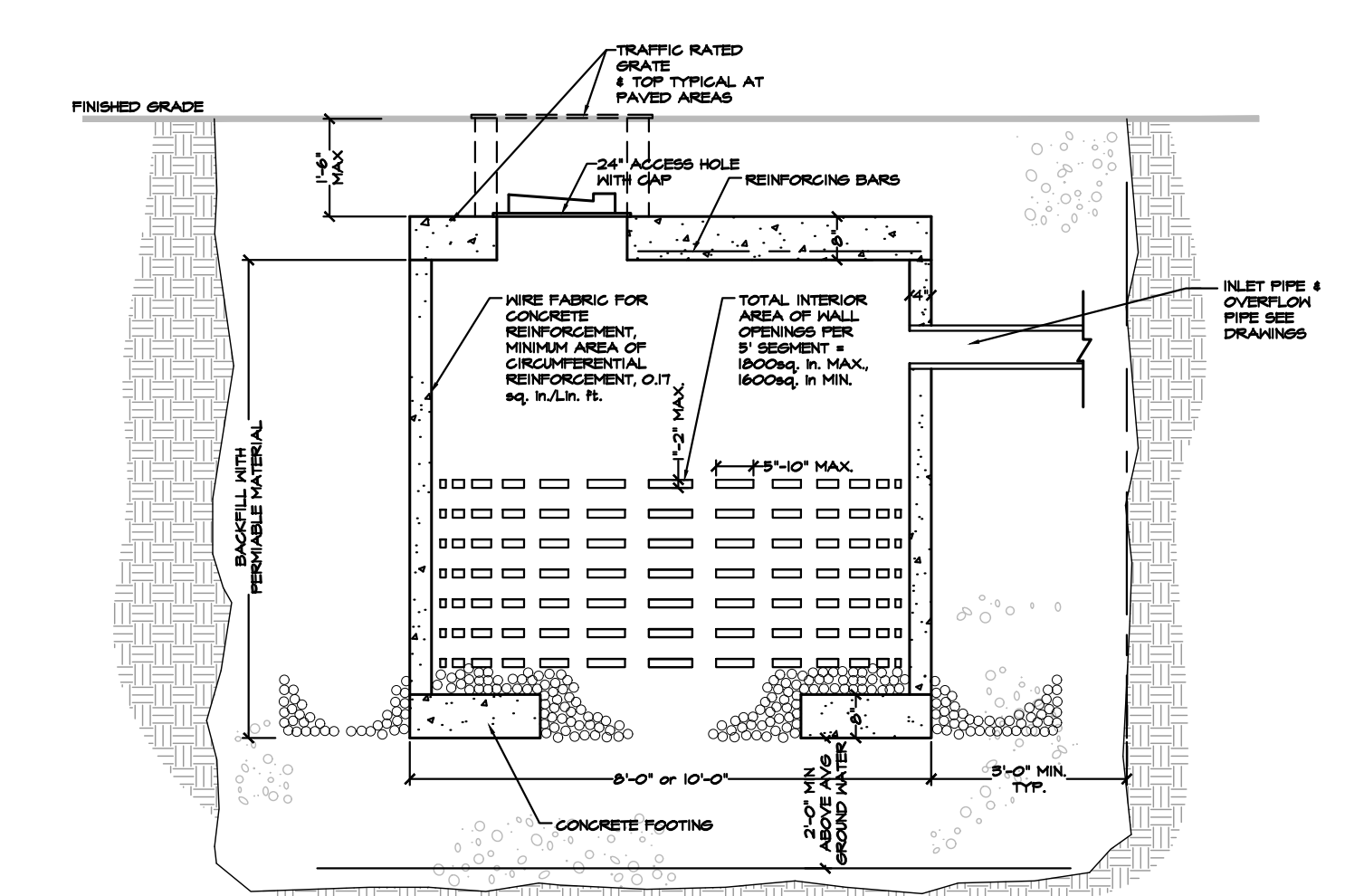
See illustration for Allowed Hole Zone

GENERAL NOTES

- Allowed hole zone is suitable for uniformly loaded beams only.
- No rectangular holes.
- No holes in cantilevers.



23 JOIST NOTCHING DETAIL SCALE: N.T.S.



24 DRYWELL DETAIL SCALE: 3/8\"/>

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F (631) 650-6667  
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www.tocarchitects.com  
todd@tocarchitects.com

REGISTERED ARCHITECT  
TODD O'CONNELL  
027935  
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DRAWING NUMBER  
A.10



TABLE R602.3(1) FASTENING SCHEDULE

| ITEM | DESCRIPTION OF BUILDING ELEMENTS                                                          | NUMBER AND TYPE OF FASTENERS <sup>a,b,c</sup>                                                                                                      | SPACING AND LOCATION                                                                                                                 |
|------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 1    | BLOCKING BETWEEN CEILING JOISTS OR RAFTERS TO TOP PLATE                                   | 4-8d BOX (2 1/2"x0.131") OR 3-8d COMMON (2 1/2"x0.131") OR 3-0d BOX (2 1/2"x0.128") OR 3-5"x0.131" NAILS                                           | TOE NAIL                                                                                                                             |
| 2    | CEILING JOISTS TO TOP PLATE                                                               | 4-8d BOX (2 1/2"x0.131") OR 3-8d COMMON (2 1/2"x0.131") OR 3-0d BOX (2 1/2"x0.128") OR 3-5"x0.131" NAILS                                           | PER JOIST, TOE NAIL                                                                                                                  |
| 3    | CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER LAPS OVER PARTITIONS (see Section R602.3.2) | 4-0d BOX (3"x0.128") OR 3-8d COMMON (3"x0.148") OR 4-3"x0.131" NAILS                                                                               | FACE NAIL                                                                                                                            |
| 4    | CEILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT) (see Section R602.3.2)             | TABLE R602.3.2                                                                                                                                     | FACE NAIL                                                                                                                            |
| 5    | GOLLAR TIE TO RAFTER, FACE NAIL OR 1/2" X 20g <sub>2</sub> RIDGE STRAP TO RAFTER          | 4-0d BOX (3"x0.128") OR 3-0d COMMON (3"x0.148") OR 4-3"x0.131" NAILS                                                                               | FACE NAIL EACH RAFTER                                                                                                                |
| 6    | RAFTER OR ROOF TRUSS TO PLATE                                                             | 3-8d BOX NAILS (3 1/2"x0.131") OR 3-0d COMMON NAILS (3"x0.148") OR 4-0d BOX (3"x0.128") OR 4-3"x0.131" NAILS                                       | 2 TOE NAILS ON ONE SIDE AND 1 TOE NAIL ON OPPOSITE SIDE OF EACH RAFTER OR TRUSS                                                      |
| 7    | ROOF RAFTERS TO RIDGE, VALLEY OR HIP RAFTERS OR ROOF RAFTERS TO MINIMUM 2" RIDGE BEAM     | 4-8d (3 1/2"x0.131") OR 3-0d COMMON (3"x0.148") OR 4-0d BOX (3"x0.128") OR 4-3"x0.131" NAILS                                                       | TOE NAIL                                                                                                                             |
|      |                                                                                           | 3-8d BOX (3 1/2"x0.131") OR 2-8d COMMON (3"x0.162") OR 3-0d BOX (3"x0.128") OR 4-3"x0.131" NAILS                                                   | TOE NAIL                                                                                                                             |
| 8    | STUD TO STUD (NOT AT BRACED WALL PANELS)                                                  | 16d COMMON (3 1/2"x0.162") OR 10d (3"x0.128") OR 3"x0.131" NAILS                                                                                   | 24" O.C. FACE NAIL                                                                                                                   |
| 9    | STUD TO STUD AND BUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)       | 16d BOX (3 1/2"x0.131") OR 3"x0.131" NAILS                                                                                                         | 12" O.C. FACE NAIL                                                                                                                   |
| 10   | BUILT-UP HEADER (2" TO 2" HEADER WITH 1/2" SPACER)                                        | 16d COMMON (3 1/2"x0.162") OR 16d BOX (3 1/2"x0.131")                                                                                              | 16" O.C. EACH EDGE FACE NAIL                                                                                                         |
| 11   | CONTINUOUS HEADER TO STUD                                                                 | 3-8d BOX (3 1/2"x0.131") OR 2-8d COMMON (3"x0.151") OR 4-0d BOX (3"x0.128")                                                                        | TOE NAIL                                                                                                                             |
| 12   | TOP PLATE TO TOP PLATE                                                                    | 16d COMMON (3 1/2"x0.162") OR 10d BOX (3"x0.128") OR 3"x0.131" NAILS                                                                               | 16" O.C. FACE NAIL                                                                                                                   |
| 13   | DOUBLE TOP PLATE SPLICE                                                                   | 8-16d COMMON (3 1/2"x0.162") OR 2-16d BOX (3 1/2"x0.131") OR 12-0d BOX (3"x0.128") OR 12-3"x0.131" NAILS                                           | FACE NAIL ON EACH SIDE OF END JOINT (MINIMUM 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT)                                           |
| 14   | BOTTOM PLATE TO JOINT, RIM JOIST, BAND JOIST OR BLOCKING (NOT AT BRACED WALL PANELS)      | 16d COMMON (3 1/2"x0.162") OR 16d BOX (3 1/2"x0.131") OR 3"x0.131" NAILS                                                                           | 12" O.C. FACE NAIL                                                                                                                   |
| 15   | BOTTOM PLATE TO JOINT, RIM JOIST, BAND JOIST OR BLOCKING (AT BRACED WALL PANELS)          | 3-8d BOX (3 1/2"x0.131") OR 2-8d COMMON (3"x0.151") OR 4-0d BOX (3"x0.128") OR 4-3"x0.131" NAILS                                                   | 3 EACH 16" O.C. FACE NAIL 2 EACH 16" O.C. FACE NAIL 4 EACH 8" O.C. FACE NAIL                                                         |
| 16   | TOP OR BOTTOM PLATE TO STUD                                                               | 4-8d BOX (2 1/2"x0.131") OR 3-8d COMMON (2 1/2"x0.131") OR 4-0d BOX (2 1/2"x0.128") OR 4-3" X 0.131" NAILS                                         | TOE NAIL                                                                                                                             |
|      |                                                                                           | 3-8d BOX (3 1/2"x0.131") OR 2-8d COMMON (3"x0.162") OR 3-0d BOX (3"x0.128") OR 4-3"x0.131" NAILS                                                   | END NAIL                                                                                                                             |
| 17   | TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS                                             | 3-0d BOX (3"x0.128") OR 2-8d COMMON (3"x0.148") OR 3-5"x0.131" NAILS                                                                               | FACE NAIL                                                                                                                            |
| 18   | 1" BRACE TO EACH STUD AND PLATE                                                           | 3-8d BOX (2 1/2"x0.131") OR 2-8d COMMON (2 1/2"x0.131") OR 2-0d BOX (2 1/2"x0.128") OR 2 STAPLES, 1" CROWN, (Eggs) 3/4" LONG                       | FACE NAIL                                                                                                                            |
| 19   | 1" X 6" SHEATHING TO EACH BEARING                                                         | 3-8d BOX (2 1/2"x0.131") OR 2-8d COMMON (2 1/2"x0.131") OR 2-0d BOX (2 1/2"x0.128") OR 2 STAPLES, 1" CROWN, (Eggs) 3/4" LONG                       | FACE NAIL                                                                                                                            |
| 20   | 1" X 8" AND WIDER SHEATHING TO EACH BEARING                                               | WIDER THAN 1" X 8"<br>4-8d BOX (2 1/2"x0.131") OR 3-8d COMMON (2 1/2"x0.131") OR 3-0d BOX (2 1/2"x0.128") OR 4 STAPLES, 1" CROWN, (Eggs) 3/4" LONG | FACE NAIL                                                                                                                            |
| 21   | JOIST TO SILL, TOP PLATE OR GIRDER                                                        | 4-8d BOX (2 1/2"x0.131") OR 3-8d COMMON (2 1/2"x0.131") OR 3-0d BOX (2 1/2"x0.128") OR 3-5"x0.131" NAILS                                           | TOE NAIL                                                                                                                             |
| 22   | RIM JOIST, BAND JOIST OR BLOCKING TO SILL OR TOP PLATE (ROOF APPLICATIONS ALSO)           | 8d BOX (2 1/2"x0.131") OR 10d BOX (3"x0.128") OR 10d BOX (3"x0.128") OR 3"x0.131" NAILS                                                            | 4" O.C. TOE NAIL                                                                                                                     |
| 23   | 1" X 6" SUBFLOOR OR JOIST TO EACH JOIST                                                   | 3-8d BOX (3 1/2"x0.131") OR 2-8d COMMON (3 1/2"x0.131") OR 2 STAPLES, 1" CROWN, (Eggs) 3/4" LONG                                                   | FACE NAIL                                                                                                                            |
| 24   | 2" SUBFLOOR TO JOIST OR GIRDER                                                            | 3-8d BOX (3 1/2"x0.131") OR 2-8d COMMON (3 1/2"x0.131") OR 2-0d BOX (2 1/2"x0.128") OR 2 STAPLES, 1" CROWN, (Eggs) 3/4" LONG                       | BLIND AND FACE NAIL                                                                                                                  |
| 25   | 2" PLANKS (FLANK & BEAM + FLOOR & ROOF)                                                   | 3-8d BOX (3 1/2"x0.131") OR 2-8d COMMON (3 1/2"x0.131") OR 2-0d BOX (2 1/2"x0.128") OR 2 STAPLES, 1" CROWN, (Eggs) 3/4" LONG                       | AT EACH BEARING, FACE NAIL                                                                                                           |
| 26   | BAND OR RIM JOIST TO JOIST                                                                | 3-8d COMMON (3 1/2"x0.162") OR 4-0d BOX (3"x0.128") OR 4-3"x0.131" NAILS                                                                           | END NAIL                                                                                                                             |
| 27   | BUILT-UP GIRDERS AND BEAMS, 2-INCH LUMBER LAYERS                                          | 20d COMMON (4"x0.142") OR 10d BOX (3"x0.128") OR 3"x0.131" NAILS                                                                                   | NAIL EACH LAYER AS FOLLOWS 32" O.C. AT TOP AND BOTTOM AND STAGGERED 24" O.C. FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES |
| 28   | LEDGER STRIP SUPPORTING JOISTS OR RAFTERS                                                 | 2-20d COMMON (4"x0.142") OR 3-10d BOX (3"x0.128") OR 3-5"x0.131" NAILS                                                                             | FACE NAIL AT ENDS AND AT EACH SPLICE                                                                                                 |
| 29   | BRIDGING OR BLOCKING TO JOIST                                                             | 4-8d BOX (3 1/2"x0.131") OR 3-8d COMMON (3 1/2"x0.131") OR 4-0d BOX (3"x0.128") OR 4-3"x0.131" NAILS                                               | AT EACH JOIST OR RAFTER, FACE NAIL                                                                                                   |
| 30   |                                                                                           | 2-10d (3"x0.128") OR 2-8d COMMON (2 1/2" X 0.131") OR 2-5" X 0.131" NAILS                                                                          | EACH END, TOE NAIL                                                                                                                   |

TABLE R602.3(3) WOOD PANEL WALL SHEATHING FASTENING SCHEDULE<sup>a,b,c</sup>

| MINIMUM PANEL SIZE (INCHES) | MINIMUM WOOD STRUCTURAL PANEL THICKNESS (INCHES) | MINIMUM NOMINAL PANEL SPACING (INCHES) | MAXIMUM WALL STUD SPACING (INCHES) | PANEL NAIL SPACING (INCHES) | FASTENING SCHEDULE (INCHES) | ULTIMATE DESIGN WIND SPEED (V <sub>W</sub> ) (MPH) |
|-----------------------------|--------------------------------------------------|----------------------------------------|------------------------------------|-----------------------------|-----------------------------|----------------------------------------------------|
| 8d COMMON (2 1/2"x0.131")   | 1.5                                              | 24/0                                   | 5/8                                | 16                          | 6                           | 12                                                 |
| 8d COMMON (2 1/2"x0.131")   | 1.75                                             | 24/6                                   | 7/8                                | 16                          | 6                           | 12                                                 |

FOR S<sub>1</sub>: 1 INCH = 25.4 mm, 1 FOOT = 304.8 mm, 1 MILE PER HOUR = 0.447 m/s  
 a. PANEL STRENGTH AXIS PARALLEL OR PERPENDICULAR TO SUPPORT. THREE-LAYER PLYWOOD SHEATHING WITH STUD SPACING MORE THAN 16" ON CENTER SHALL BE APPLIED WITH PANEL STRENGTH AXIS PERPENDICULAR TO SUPPORT.  
 b. TABLE BASED ON WIND PRESSURES ACTING TOWARD AND AWAY FROM BUILDING SURFACES IN ACCORDANCE WITH SECTION R602.3.2.  
 c. WOOD STRUCTURAL PANELS WITH SPAN RATINGS OF WALL-16 OR WALL-24 SHALL BE PERMITTED AS AN ALTERNATE TO PANELS WITH A 24/0 SPAN RATING. PLYWOOD SIDING RATED 16 O.C. OR 24 O.C. SHALL BE PERMITTED AS AN ALTERNATE TO PANELS WITH A 24/6 SPAN RATING. WALL-16 AND PLYWOOD SIDING 16 O.C. SHALL BE USED WITH STUDS SPACED NOT MORE THAN 16" ON CENTER.

TABLE R602.3(1) FASTENING SCHEDULE CONTINUED

| ITEM | DESCRIPTION OF BUILDING ELEMENTS                                                                                                                                                                                    | NUMBER AND TYPE OF FASTENERS <sup>a,b,c</sup>                                                                                   | SPACING OF FASTENERS (EDGES) (INCHES) | INTERMEDIATE SUPPORTS (INCHES) |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------|
| 30   | WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLE BOARD ROOF SHEATHING TO FRAMING (SEE TABLE R602.3(3)) FOR WOOD STRUCTURAL PANEL, EXTERIOR WALL SHEATHING TO WALL FRAMING | 8d COMMON (2"x0.131") NAIL (SUBFLOOR, WALL) OR 8d COMMON (2 1/2"x0.131") NAIL (ROOF) OR 8d COMMON (2 1/2" X 0.131") NAIL (ROOF) | 6                                     | 12                             |
| 31   | WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLE BOARD ROOF SHEATHING TO FRAMING (SEE TABLE R602.3(3)) FOR WOOD STRUCTURAL PANEL, EXTERIOR WALL SHEATHING TO WALL FRAMING | 8d COMMON (2"x0.131") NAIL (SUBFLOOR, WALL) OR 8d COMMON (2 1/2"x0.131") NAIL (ROOF) OR 8d COMMON (2 1/2" X 0.131") NAIL (ROOF) | 6                                     | 12                             |
| 32   | WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLE BOARD ROOF SHEATHING TO FRAMING (SEE TABLE R602.3(3)) FOR WOOD STRUCTURAL PANEL, EXTERIOR WALL SHEATHING TO WALL FRAMING | 10d COMMON (3"x0.148") NAIL OR 8d (2 1/2"x0.131") DEFORMED NAIL                                                                 | 6                                     | 12                             |
| 33   | OTHER WALL SHEATHING <sup>d</sup>                                                                                                                                                                                   | 1/2" GALVANIZED ROOFING NAIL, 3/4" HEAD DIAMETER OR 1 1/2" LONG & 9d STAPLE WITH 3/4" OR 1" CROWN                               | 3                                     | 6                              |
| 34   | STRUCTURAL CELLULOSE FIBERBOARD SHEATHING                                                                                                                                                                           | 1/2" GALVANIZED ROOFING NAIL, 3/4" HEAD DIAMETER OR 1 1/2" LONG & 9d STAPLE WITH 3/4" OR 1" CROWN                               | 3                                     | 6                              |
| 35   | GYPSUM SHEATHING <sup>e</sup>                                                                                                                                                                                       | 1/2" GALVANIZED ROOFING NAIL, STAPLE GALVANIZED, 1 1/2" LONG, TYPE 14 OR 5                                                      | 7                                     | 7                              |
| 36   | GYPSUM SHEATHING <sup>e</sup>                                                                                                                                                                                       | 1/2" GALVANIZED ROOFING NAIL, STAPLE GALVANIZED, 1 1/2" LONG, TYPE 14 OR 5                                                      | 7                                     | 7                              |
| 37   | WOOD STRUCTURAL PANELS, COMBINATION SUBFLOOR UNDERLAYMENT TO FRAMING                                                                                                                                                | 8d DEFORMED (2"x0.120") NAIL OR 8d COMMON (2 1/2"x0.131") NAIL                                                                  | 6                                     | 12                             |
| 38   | WOOD STRUCTURAL PANELS, COMBINATION SUBFLOOR UNDERLAYMENT TO FRAMING                                                                                                                                                | 8d DEFORMED (2"x0.120") NAIL OR 8d COMMON (2 1/2"x0.131") NAIL                                                                  | 6                                     | 12                             |
| 39   | WOOD STRUCTURAL PANELS, COMBINATION SUBFLOOR UNDERLAYMENT TO FRAMING                                                                                                                                                | 10d COMMON (3"x0.148") NAIL OR 8d DEFORMED (2 1/2"x0.120") NAIL                                                                 | 6                                     | 12                             |

FOR S<sub>1</sub>: 1 INCH = 25.4 mm, 1 FOOT = 304.8 mm, 1 MILE PER HOUR = 0.447 m/s, 1 PSI = 6.895 kPa

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 STRENGTH AS SHOWN. 80 KSI FOR SHANK DIAMETER OF 0.142 INCH (20d COMMON NAIL); 90 KSI FOR SHANK DIAMETERS LARGER THAN 0.142 INCH BUT NOT LARGER THAN 0.171 INCH, AND 100 KSI FOR SHANK DIAMETERS OF 0.142 INCH OR LESS.  
 b. STAPLES ARE 16 GAUGE WIRE AND HAVE A MINIMUM 7/16-INCH ON DIAMETER GROUND WIDTH.  
 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 4-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 150 MPH OR LESS, NAILS FOR ATTACHING WOOD STRUCTURAL PANEL ROOF SHEATHING TO FRAMING MEMBERS AND AT FLOOR PERIMETERS ONLY. SPACING OF FASTENERS ON ROOF SHEATHING PANEL EDGES APPLIES TO PANEL EDGES SUPPORTED BY FRAMING MEMBERS AND REQUIRED BLOCKING. BLOCKING AT ROOF SHEATHING PANEL EDGES PERPENDICULAR TO THE FRAMING MEMBERS NEED NOT BE PROVIDED EXCEPT AS REQUIRED BY OTHER PROVISIONS OF THIS CODE. FLOOR PERIMETER SHALL BE SUPPORTED BY FRAMING MEMBERS AND REQUIRED BLOCKING.  
 g. GYPSUM SHEATHING SHALL CONFORM TO ASTM C 1396 AND SHALL BE INSTALLED IN ACCORDANCE WITH ASTM C 225. FIBERBOARD SHEATHING SHALL CONFORM TO ASTM C 208.  
 h. SPACING OF FASTENERS ON FLOOR SHEATHING EDGES APPLIES TO PANEL EDGES SUPPORTED BY FRAMING MEMBERS AND REQUIRED BLOCKING AND AT FLOOR PERIMETERS ONLY. SPACING OF FASTENERS ON ROOF SHEATHING PANEL EDGES APPLIES TO PANEL EDGES SUPPORTED BY FRAMING MEMBERS AND REQUIRED BLOCKING.  
 i. 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 TWO 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.

TABLE R602.11 RAFTER OR TRUSS UPLIFT CONNECTION FORCES FROM WIND (ASD) (POUNDS PER CONNECTION)

| RAFTER OR TRUSS SPACING | ROOF SPAN (FEET) | EXPOSURE B                                      |     |         |     |
|-------------------------|------------------|-------------------------------------------------|-----|---------|-----|
|                         |                  | ULTIMATE DESIGN WIND SPEED V <sub>W</sub> (mph) |     |         |     |
|                         |                  | 130 mph                                         |     | 140 mph |     |
| 12" O.C.                | 12               | 95                                              | 112 | 122     | 115 |
|                         | 14               | 122                                             | 142 | 157     | 146 |
|                         | 16               | 151                                             | 181 | 200     | 184 |
|                         | 18               | 181                                             | 221 | 246     | 228 |
|                         | 20               | 211                                             | 261 | 294     | 272 |
|                         | 22               | 241                                             | 291 | 331     | 305 |
|                         | 24               | 271                                             | 321 | 361     | 331 |
|                         | 26               | 301                                             | 351 | 391     | 351 |
|                         | 28               | 331                                             | 381 | 421     | 371 |
|                         | 30               | 361                                             | 411 | 451     | 401 |
|                         | 32               | 391                                             | 441 | 481     | 421 |
|                         | 34               | 421                                             | 471 | 511     | 441 |
| 16" O.C.                | 12               | 126                                             | 147 | 162     | 150 |
|                         | 14               | 147                                             | 171 | 191     | 174 |
|                         | 16               | 168                                             | 192 | 211     | 191 |
|                         | 18               | 189                                             | 213 | 231     | 207 |
|                         | 20               | 210                                             | 234 | 251     | 228 |
|                         | 22               | 231                                             | 255 | 271     | 244 |
|                         | 24               | 252                                             | 276 | 291     | 261 |
|                         | 26               | 273                                             | 297 | 311     | 277 |
|                         | 28               | 294                                             | 318 | 331     | 293 |
|                         | 30               | 315                                             | 339 | 351     | 309 |
|                         | 32               | 336                                             | 360 | 371     | 325 |
|                         | 34               | 357                                             | 381 | 391     | 341 |
| 12" O.C.                | 12               | 126                                             | 147 | 162     | 150 |
|                         | 14               | 147                                             | 171 | 191     | 174 |
|                         | 16               | 168                                             | 192 | 211     | 191 |
|                         | 18               | 189                                             | 213 | 231     | 207 |
|                         | 20               | 210                                             | 234 | 251     | 228 |
|                         | 22               | 231                                             | 255 | 271     | 244 |
|                         | 24               | 252                                             | 276 | 291     | 261 |
|                         | 26               | 273                                             | 297 | 311     | 277 |
|                         | 28               | 294                                             | 318 | 331     | 293 |
|                         | 30               | 315                                             | 339 | 351     | 309 |
|                         | 32               | 336                                             | 360 | 371     | 325 |
|                         | 34               | 357                                             | 381 | 391     | 341 |
| 16" O.C.                | 12               | 126                                             | 147 | 162     | 150 |
|                         | 14               | 147                                             | 171 | 191     | 174 |
|                         | 16               | 168                                             | 192 | 211     | 191 |
|                         | 18               | 189                                             | 213 | 231     | 207 |
|                         | 20               | 210                                             | 234 | 251     | 228 |
|                         | 22               | 231                                             | 255 | 271     | 244 |
|                         | 24               | 252                                             | 276 | 291     | 261 |
|                         | 26               | 273                                             | 297 | 311     | 277 |
|                         | 28               | 294                                             | 318 | 331     | 293 |
|                         | 30               | 315                                             | 339 | 351     | 309 |
|                         | 32               | 336                                             | 360 | 371     | 325 |
|                         | 34               | 357                                             | 381 | 391     | 341 |

FOR S<sub>1</sub>: 1 INCH = 25.4 mm, 1 FOOT = 304.8 mm, 1 MILE PER HOUR = 0.447 m/s, 1 POUND = 0.454 kg, 1 POUND PER SQUARE FOOT = 47.9 N/m<sup>2</sup>, 1 PSI = 14.6 N/m<sup>2</sup>

a. THE UPLIFT CONNECTION FORCES ARE BASED ON A MAXIMUM 33 FOOT MEAN ROOF HEIGHT AND WIND EXPOSURE CATEGORY B. FOR EXPOSURE D, THE UPLIFT CONNECTION FORCE SHALL BE SELECTED FROM THE EXPOSURE C PORTION OF THE TABLE USING THE NEXT HIGHEST TABULATED ULTIMATE DESIGN WIND SPEED. THE ADJUSTMENT COEFFICIENTS IN TABLE R301.2(3) SHALL NOT BE USED TO MULTIPLY THE TABULATED FORCES FOR EXPOSURE C AND D OR FOR THE OTHER MEAN ROOF HEIGHTS.  
 b. THE UPLIFT CONNECTION FORCES INCLUDE AN ALLOWANCE FOR ROOF AND CEILING ASSEMBLY DEAD LOAD OF 15 PSF.  
 c. THE TABULATED UPLIFT CONNECTION FORCES ARE LIMITED TO A MAXIMUM ROOF OVERHANG OF 24 INCHES.  
 d. THE TABULATED UPLIFT CONNECTION FORCES SHALL BE PERMITTED TO BE MULTIPLIED BY 0.75 FOR CONNECTIONS NOT LOCATED WITHIN 8 FEET OF BUILDING CORNERS.  
 e. FOR BUILDINGS WITH HIP ROOFS WITH 5:12 AND GREATER PITCH, THE TABULATED UPLIFT CONNECTION FORCES SHALL BE PERMITTED TO BE MULTIPLIED BY 0.75. THIS REDUCTION SHALL NOT BE COMBINED WITH ANY OTHER REDUCTION IN TABULATED FORCES.  
 f. FOR WALL TO WALL AND WALL TO FOUNDATION CONNECTIONS, THE UPLIFT CONNECTION FORCE SHALL BE PERMITTED TO BE REDUCED BY 60 PIF FOR EACH FULL WALL ABOVE.  
 g. LINEAR INTERPOLATION BETWEEN TABULATED ROOF SPANS AND WIND SPEEDS SHALL BE PERMITTED.  
 h. THE TABULATED FORCES FOR A 12-INCH ON CENTER SPACING SHALL BE PERMITTED TO BE USED TO DETERMINE THE UPLIFT LOAD IN POUNDS PER LINEAR FOOT.

TABLE R602.3(5) SIZE, HEIGHT AND SPACING OF WOOD STUDS<sup>a</sup>

| STUD SIZE (INCHES) | BEARING WALLS                                         |                                                                                                      |                                                                                                                |                                                                                                                 |                                                                                             | NON-BEARING WALLS                                     |                                                       |
|--------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
|                    | LATERALLY UNSUPPORTED STUD HEIGHT <sup>b</sup> (FEET) | MAXIMUM SPACING WHEN SUPPORTING A ROOF-CEILING ASSEMBLY OR A HABITABLE ATTIC ASSEMBLY, ONLY (INCHES) | MAXIMUM SPACING WHEN SUPPORTING ONE FLOOR, PLUS A ROOF-CEILING ASSEMBLY OR A HABITABLE ATTIC ASSEMBLY (INCHES) | MAXIMUM SPACING WHEN SUPPORTING TWO FLOORS, PLUS A ROOF-CEILING ASSEMBLY OR A HABITABLE ATTIC ASSEMBLY (INCHES) | MAXIMUM SPACING WHEN SUPPORTING ONE FLOOR SUPPORTING ONE FLOOR HEIGHT <sup>c</sup> (INCHES) | LATERALLY UNSUPPORTED STUD HEIGHT <sup>b</sup> (FEET) | LATERALLY UNSUPPORTED STUD HEIGHT <sup>b</sup> (FEET) |
| 2x4                | 10                                                    | 24"                                                                                                  | 16"                                                                                                            | 16"                                                                                                             | 24                                                                                          | 10                                                    | 16                                                    |
| 2x6                | 10                                                    | 24"                                                                                                  | 16"                                                                                                            | 16"                                                                                                             | 24                                                                                          | 20                                                    | 24                                                    |

FOR S<sub>1</sub>: 1 INCH = 25.4 mm, 1 FOOT = 304.8 mm  
 a. LISTED HEIGHT ARE DISTANCES BETWEEN POINTS LATERAL SUPPORT PLACED PERPENDICULAR TO THE PLANE OF THE WALL. BEARING WALLS SHALL BE SHEATHED ON NOT LESS THAN ONE SIDE OR BRIDGING SHALL BE INSTALLED NOT GREATER THAN 4 FEET APART MEASURED VERTICALLY FROM EITHER END OF THE STUD. INCREASES IN UNSUPPORTED HEIGHT ARE PERMITTED WHERE IN COMPLIANCE WITH EXCEPTION 2 OF SECTION R602.3.1 OR DESIGNED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE.  
 b. SHALL NOT BE USED IN EXTERIOR WALLS.  
 c. A HABITABLE ATTIC ASSEMBLY SUPPORTED BY 2X4 STUDS IS LIMITED TO A ROOF SPAN OF 32 FEET. WHERE THE ROOF SPAN EXCEEDS 32 FEET, THE WALL STUDS SHALL BE INCREASED TO 2X6 OR THE STUDS SHALL BE DESIGNED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE.

TABLE R602.10.4 BRACING METHODS

| METHODS, MATERIAL                                                             | MINIMUM THICKNESS                           | FIGURE | CONNECTION CRITERIA <sup>a</sup>                                                                                                                                                    |                                          |
|-------------------------------------------------------------------------------|---------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
|                                                                               |                                             |        | FASTENERS                                                                                                                                                                           | SPACING                                  |
| CS-WSP CONTINUOUSLY SHEATHED WOOD STRUCTURAL PANEL                            | 3/8"                                        |        | EXTERIOR SHEATHING PER TABLE R602.3(5)<br>INTERIOR SHEATHING PER TABLE R602.3(1) OR R602.3(2)                                                                                       | 6" EDGES 12" FIELD<br>VARIES BY FASTENER |
| CS-SWP CONTINUOUSLY SHEATHED WOOD STRUCTURAL PANEL ADJACENT TO GARAGE OPENING | 3/8"                                        |        | SEE METHOD CS-WSP                                                                                                                                                                   | SEE METHOD CS-WSP                        |
| CS-WFP CONTINUOUSLY SHEATHED PORTAL FRAME                                     | 7/16"                                       |        | SEE SECTION R602.10.4                                                                                                                                                               | SEE SECTION R602.10.4                    |
| CS-SFB <sup>b</sup> CONTINUOUSLY SHEATHED STRUCTURAL FIBERBOARD               | 1/2" OR 25/32" for maximum 16" stud spacing |        | 1 1/2" long X 0.12 dia. (for 1/2" thick sheathing)<br>1 1/2" long X 0.12 dia. (for 3/8" thick sheathing)<br>galvanized roofing nails or 8d common (2 1/2" long X 0.131" dia.) nails | 5' EDGES 6" FIELD                        |

FOR S<sub>1</sub>: 1 INCH = 25.4 mm, 1 FOOT = 304.8 mm, 1 degree = 0.0175 rad, 1 pound per square foot = 47.9 N/m<sup>2</sup>, 1 mile per hour = 0.447 m/s.  
 a. Adhesive attachment of wall sheathing including Method 6B, shall not be permitted in Seismic Design Categories C, D<sub>1</sub>, D and D<sub>2</sub>.  
 b. Applies to panels next to garage door opening where supporting garage end wall or roof load only. Shall only be used on one wall of the garage. In Seismic Design Categories D<sub>1</sub>, D<sub>2</sub>, and D<sub>3</sub>, roof covering dead load shall not exceed 3 psf.  
 c. Garage openings adjacent to a Method CS-SWP panel shall be provided with a header in accordance with Table R602.3(1). A full height clear opening shall not be permitted to a Method CS-SWP panel.  
 d. Method CS-SFB does not apply in Seismic Design Categories D<sub>1</sub>, D<sub>2</sub>, D<sub>3</sub>.  
 e. Method applies to detached one and two-family dwellings in Seismic Design Categories D<sub>1</sub> through D<sub>3</sub> only.

TABLE R602.10.5 MINIMUM LENGTH OF BRACED WALL PANELS

| METHOD | MINIMUM LENGTH (INCHES)                |        |        |         | CONTRIBUTING LENGTH (INCHES) |
|--------|----------------------------------------|--------|--------|---------|------------------------------|
|        | ADJACENT CLEAR OPENING HEIGHT (INCHES) | 8 FEET | 9 FEET | 10 FEET |                              |
| CS-WSP | 64                                     | 24     | 27     | 30      | 33                           |

TABLE R507.2 DECK LEDGER CONNECTION TO BAND JOIST<sup>a,b</sup> (DECK LIVE LOAD=40 PSF, DECK DEAD LOAD=10 PSF, SNOW LOAD < 40 PSF)







**GENERAL CONDITIONS**

UNLESS OTHERWISE NOTED, GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, AIA DOCUMENT-20) 4/BT SHALL APPLY. THE CONTRACTOR SHALL OBTAIN CERTIFICATE OF OCCUPANCY. SUBSTITUTIONS SHOULD NOT BE MADE WITHOUT WRITTEN AUTHORIZATION BY THE ARCHITECT. THE PREMISES SHALL BE KEPT REASONABLY CLEAN AT ALL TIMES. AT THE COMPLETION OF WORK, THE CONTRACTOR SHALL REMOVE ALL WASTE MATERIALS, TOOLS, RUBBISH, ETC., CLEAN GLASS AND LEAVE WORK BROOM CLEAN UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL CARRY WORKMAN'S COMPENSATION AND GENERAL LIABILITY INSURANCE. ALL SHALL COMPLY WITH STATE AND LOCAL CODES AND ORDINANCES. THE CONTRACTOR SHOULD FULLY GUARANTEE HIS WORK AND THE WORK OF HIS SUBCONTRACTORS FOR A PERIOD OF ONE YEAR AFTER COMPLETION OF THE PROJECT UNLESS OTHERWISE SPECIFIED. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH GOOD BUILDING PRACTICES. THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER, ARCHITECT, AND THEIR AGENTS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF THE WORK PROVIDED THAT ANY SUCH CLAIM, DAMAGE, LOSS OR EXPENSE (A) IS ATTRIBUTABLE TO BODILY INJURY, SICKNESS, DISEASE OR DEATH OR TO INJURY TO OR DESTRUCTION OF TANGIBLE PROPERTY (OTHER THAN THE WORK ITSELF INCLUDING THE LOSS OR USE RESULTING THEREFROM), (B) IS CAUSED IN WHOLE OR IN PART BY ANY NEGLIGENT ACT OR OMISSION OF THE CONTRACTOR, ANY SUBCONTRACTOR, ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM, OR ANYONE FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE REGARDLESS OF WHETHER OR NOT IT IS CAUSED IN PART BY A PARTY INDEMNIFIED HEREUNDER. ALL MATERIALS, ASSEMBLIES, AND METHOD OF CONSTRUCTION INCLUDING BUT NOT LIMITED TO FORMWORK, BLOCK-WORK, FRAMING, NAILING, PLACING OF CONCRETE, ETC., ARE TO BE CAREFULLY SUPERVISED BY THE CONTRACTOR TO BE SURE THEY ARE IN ACCORDANCE WITH THE DRAWINGS, SPECIFICATIONS, APPLICABLE CODES AND GOOD PRACTICE. DEVIATIONS FROM THE DRAWINGS AND SPECIFICATIONS WILL NOT BE PERMITTED WITHOUT WRITTEN AUTHORIZATION OF THE ARCHITECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SHOP DRAWINGS WHICH MAY BE NEEDED. ALL DIMENSIONS AND CONDITIONS ARE TO BE FIELD VERIFIED. CONTRACTOR TO REMOVE AND RELOCATE AS REQUIRED ALL EXISTING WORK WHICH INTERFERES WITH NEW CONSTRUCTION.

**SITE WORK**  
STAKEOUT IS TO BE PERFORMED BY A LICENSED SURVEYOR. STAKING AND LAYOUT ARE TO ESTABLISH ALL LINES AND BENCHMARKS. VERIFY ALL GIVEN DATA ON DRAWINGS. IN CASE OF DISCREPANCY, RECEIVE CLARIFICATION FROM ARCHITECT PRIOR TO PROCEEDING. EXCAVATE AND BACK FILL FOR WORK INDICATED ON DRAWINGS. STOCKPILE TOPSOIL OBTAINED FROM STRIPPING DRIVEWAY AND BUILDING SITE. STOCKPILE ALL EXCAVATED MATERIAL, NEW AND EXISTING BACK FILL MATERIAL AND TOPSOIL ARE TO BE FREE OF WEEDS, TREE ROOTS, ROCKS AND DEBRIS. ALL SURPLUS MATERIAL THAT IS UNSUITABLE FOR BACK FILL MATERIAL SHALL BE REMOVED FROM THE SITE. PROTECT ALL TREES WITHIN EIGHT FEET OF THE BUILDING. PROPER APPROVALS MUST BE OBTAINED BEFORE COVERING ANY EXCAVATED WORK.

**CONCRETE BLOCK**  
ALL CONCRETE BLOCK IS TO HAVE "DUR-O-WALL" REINFORCING EVERY THIRD COURSE. FILL TOP COURSE SOLID. MORTAR MIX TO BE ONE PART PORTLAND CEMENT, ONE PART LIME PUTTY, AND SIX PARTS SAND, OR ONE PART MASONRY CEMENT AND THREE PARTS SAND.

**CONCRETE**  
NO CONCRETE OR MASONRY WORK SHALL BE DONE DURING TEMPERATURES OF 40 DEGREES F. AND FALLING. NO CONCRETE SHALL BE PLACED ON FROZEN SURFACES. NO ADJUSTIVES SHALL BE ALLOWED WITHOUT WRITTEN PERMISSION OF THE ARCHITECT. ALL CONCRETE IS TO BE MIN. 3500 P.S.I. AT 28 DAYS & 4000 PSI FOR GARAGE SLAB. PROVIDE ALL SLEEVES AND FOUNDATION VENTS AS REQUIRED BY NYS CODE, UNLESS INDICATED. ALL FOUNDATION FOOTINGS ARE TO BE A MIN. 8" DEEP PROJECTING 6" ON EACH SIDE OF THE FOUNDATION WALL. PROVIDE TWO #4 DEFORMED BARS CONTINUOUS IN THE FOOTING. ALL 4" THICK CONCRETE SLABS TO HAVE 6x6 1016 WELDED WIRE REINFORCING. ANCHOR BOLTS IN CONCRETE SHALL BE HOOKED 5/8" X 12" AT MAX. 3' O.C. PROVIDE BITUMEN EXPANSION JOINTS BETWEEN SLABS AND FOUNDATION WALLS.

**FIREPLACE**  
FIREPLACE OPENING AND FLUE SIZE TO BE AS INDICATED ON DRAWINGS. PROVIDE OUTSIDE COMBUSTION AIR WITH 6" DUCT AND DAMPER EACH SIDE FOR A TOTAL RECOVERY CAPACITY OF 150 CFM MIN. MAINTAIN MAXIMUM 20 CFM INFILTRATION THROUGH THE FLUE WHEN NOT IN USE. PROVIDE FIREPLACE OPENING WITH GLASS DOORS TO CONFORM TO THE 2020 NYS ECG. FIREBOX TO BE COMPLETELY LINED WITH FIREBRICK. PROVIDE MIN. 8" FIREPLACE WALL THICKNESS WITH 4" NON COMBUSTIBLE FIRE STOPPING BETWEEN COMBUSTIBLE WOOD FRAME CONSTRUCTION.

**FOUNDATION WATERPROOFING**  
INSTALL TWO LAYERS OF TONELCO FIBERGLASS MASTIC. (FED. SPEC. S.S.C. 153 TYPE-1) MEMBRANE TO BE CONTINUOUS FROM TOP OF FOUNDATION AND EXTEND TO LAP EDGE OF FOOTING.

**FIRE BLOCKING**  
FIRE BLOCKING SHALL BE PROVIDED, AS PER SECTION R502.13 OF THE RESIDENTIAL CODE OF NEW YORK STATE, TO CUT OFF ALL CONCEALED DRAFT OPENINGS (BOTH VERTICAL AND HORIZONTAL). PROVIDE FIRE BLOCKING IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, INCLUDING FURRED SPACES AT THE CEILING AND FLOOR LEVELS. CONCEALED HORIZONTAL FURRED SPACES SHALL ALSO BE FIRE BLOCKED AT INTERVALS NOT EXCEEDING 10 FEET.

**PLUMBING**  
CONTRACTOR SHALL INSTALL WATER SUPPLY AND SANITARY SYSTEM AS INDICATED. PROVIDE HOT AND COLD SHUT-OFF VALVES AT ALL FIXTURES. ALL WATER PIPING TO HAVE CLEANOUTS AT ALL CHANGES OF DIRECTION AND AT BASE OF VERTICAL WASTES. USE 4" CAST IRON THROUGH FOUNDATION WALL FITCHED MIN. 1/8" PER FOOT. TRAP/WASTE SIZES FOR FIXTURES SHALL BE AS FOLLOWS:  
DISH WASHER 1 1/2"  
KITCHEN SINK 1 1/2"  
LAUNDRY SINK 1 1/4"  
SHOWER 2"  
TOILET 3"  
ALL SYSTEMS TO HAVE ONE 3" MAIN VENT STACK INCREASED TO 4" THROUGH THE ROOF. PROVIDE FROST PROTECTIVE-BIBS AS INDICATED ON PLANS WITH EASILY ACCESSIBLE DRAIN DRAIN-COCKS. THE WATER SUPPLY AND SEWAGE DISPOSAL SYSTEM SHALL COMPLY TO THE APPLICABLE COUNTY DEPARTMENT OF HEALTH STANDARDS AND REGULATIONS. APPROVAL OF ALL PLUMBING MUST BE OBTAINED FROM APPROPRIATE LOCAL AUTHORITIES PRIOR TO CONCEALMENT. PRIOR TO ORDERING, CONTRACTOR SHALL VERIFY CUTS OF FIXTURES FOR OWNERS. APPROVAL IN THE EVENT THAT THE OWNER CHANGES, THE CONTRACTOR SHALL CREDIT THE OWNER FOR THE FULL SUBCONTRACTORS COST FOR THE CHANGED UNIT.

**HVAC**  
SYSTEM TO BE DESIGNED BY OTHERS. PROVIDE PROPER SUPPLY TO ALL ROOMS & CONFORM WITH ALL STATE AND LOCAL CODES.

**FRAMING AND ROUGH CARPENTRY**  
JOISTS RAFTERS AND STUDS SHALL BE CONSTRUCTION GRADE DOUGLAS FIR-SOUTH SELECT STRUCTURAL. ALL WINDOW AND WINDOW CONTACT WITH MASONRY SHALL BE A.C.G. ALL EXTERIOR SHEATHING SHALL BE 1/2 CDX DOUGLAS FIR PLYWOOD. SUB-FLOORS TO BE 3/4" CDX PLYWOOD. EXTERIOR SHEATHING TO BE COVERED WITH "TYVEK" HOUSE WRAP OR APPROVED EQUAL. BLOCK STUD WALLS AT 1/2 STORY HEIGHTS AND AT ALL UNSUPPORTED EDGES OF PLYWOOD. PROVIDE SOLID BLOCKING AND DIAGONAL BRACING OF FLOOR JOISTS AT 8' O.C. MAXIMUM AND SOLID BLOCK UNDER ALL UNSUPPORTED EDGES OF PLYWOOD. ALL CAP PLATES TO BE DOUBLED AND NAILED BOTTOM CAP PLATED TO END OF STUDS. LAP CAP PLATES AT CORNERS, WHERE FLUSH FRAMING FOR STUDS, JOISTS AND BEAMS SHALL BE 3 1/2". USE DOUBLE JACK STUDS FOR HEADERS OVER FIVE FEET IN LENGTH.

**NOTE:**  
FOUNDATIONS CHAPTER 4 DESIGN BASED UPON PRESUMPTIVE LOAD BEARING VALUES OF SANDY GRAVEL AND/OR GRAVEL AT 2000 LBS PER SQUARE FOOT. CONTRACTOR TO CONSULT ENGINEER FOR DIFFERENT SOIL MATERIALS ARE FOUND UPON EXCAVATION OR TEST HOLE. FOR ALTERNATIVE FOOTING AND FOUNDATION WALL DESIGN

**NOTE:**  
ALL NON-ENGINEERED LUMBER TO BE DOUGLAS FIR #2 OR BETTER

**ASPHALT ROOF SHINGLES**  
INSTALLED AS PER SECTION R905.2 OF THE NEW YORK STATE RESIDENTIAL CODE ALL SLOPED ROOF SHINGLES SHALL BE GAF-CLASS-A ASPHALT ROOF SHINGLES OR APPROVED EQUAL. SHINGLES SHALL BE APPLIED OVER 15# ASPHALT FELT WITH GAF-WEATHER-WATCH ICE AND WATER BARRIER APPLIED AT EAVES, VALLEYS AND FLASHING. ROOFING CONTRACTOR TO PROVIDE ALL FLASHING NECESSARY FOR WATER TIGHT, WEATHERPROOF JOB. ROOFING IS TO BE APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. CONTRACTOR SHALL SUPPLY COLOR SAMPLES OF THE SHINGLES FOR OWNER'S APPROVAL, PRIOR TO INSTALLATION.

**INSULATION**  
ALL EXTERIOR WALLS AND ROOFS SHALL BE INSULATED WITH FOIL FACED FIBERGLASS BATT INSULATION BY JOHN MANVILLE OR APPROVED EQUAL. FOIL TO BE PLACED TOWARD WARM SIDE. PROVIDE 1/2" RIGID FOAM INSULATION ON ALL EXTERIOR FOUNDATION WALLS FROM FOOTING TO 6" BELOW FINISHED GRADE UNLESS OTHERWISE SPECIFIED. CARE SHOULD BE TAKEN NOT TO DAMAGE FOUNDATION WATERPROOFING.

**GLASS WINDOWS AND DOORS**  
TO BE INSTALLED AS PER SECTION R508 OF THE RESIDENTIAL CODE OF NYS. ALL GLASS IS TO BE INSULATED LOW-E UNLESS OTHERWISE SPECIFIED. GLASS SUBCONTRACTOR SHALL NOT INSTALL GLASS UNTIL PROPER CLEARANCES ARE PROVIDED. ALL SLIDING GLASS DOORS, SKYLIGHTS AND/OR WINDOWS AS REQUIRED BY TEMPERED GLASS. ALL GLASS DOORS AND WINDOWS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS. ALL WINDOWS ARE TO BE CAULKED AND SEALED AS PER 2020 NYS ECG REQUIREMENTS. PROVIDE FLASHING CONTRACTOR SHALL SUPPLY AND IMPERFECTIONS AND GUARANTEED BY THE MANUFACTURER FOR A PERIOD OF NO LESS THAN 5 YEARS. ALL WINDOWS TO BE ANDERSEN UNLESS INDICATED OTHERWISE.

**PAINTING AND STAINING**  
THE FOLLOWING IS INCLUDED FOR THE CONVENIENCE OF THE PAINTING CONTRACTORS AND ONLY AS AN INDICATION OF THE TYPES OF PAINTS REQUIRED FOR VARIOUS SURFACES. IT IS THE INTENT OF THESE SPECIFICATIONS TO PROVIDE A COMPLETE FINISH. ALL PAINTED SURFACES MUST BE FULLY COVERED IN A UNIFORM MANNER TO BE ACCEPTABLE. INTERIOR WOOD SURFACES-APPLY TO LIGHTLY SANDED SURFACES, WALLS, DOORS, FRAMES, TRIM, AND BASES. ONE COAT ACID FILLER OR STAIN AND TWO COATS MCKLUSKY'S EGGSHELL FINISH NON-YELLOWING POLYURETHANE. GYPSUM BOARD- MINIMUM ONE COAT PRIMER AND TWO COATS FLAT PAINT. EXTERIOR WOOD SURFACES- TWO COATS METAL OR GRADE STAIN. EXTERIOR EXPOSED METAL- MINIMUM ONE COAT ZINC CHROMATE AND TWO COATS EXTERIOR ENAMEL. ALL MATERIAL SHALL BE OF BEST QUALITY PITTSBURGH, PRATT, ALUMBERT, DUTCH BOY, CABOTS, MCKLUSKY, OR APPROVED EQUAL. CONTRACTOR IS TO PROVIDE SAMPLES OF ALL PAINTS AND STAINS FOR ARCHITECT'S AND/OR OWNERS APPROVAL.

**GYPSUM WALL BOARD**  
INSTALLED AS PER SECTION R702.3.2 THROUGH R702.3.6 OF THE NEW YORK STATE RESIDENTIAL CODE. GYPSUM WALLBOARD APPLICATION SHALL BE TAPE JOINT SYSTEM. ALL GYPSUM BOARD TO BE 1/2" ON WALLS AND 1/2" ON CEILINGS UNLESS OTHERWISE INDICATED. FINISH JOINTS, J-BEADS, NAIL DIMPLES, CORNERS AND EDGES SHALL BE TAPED AND RECEIVE THREE COATS OF JOINT COMPOUND. ALLOW 24 HOURS TO DRY BETWEEN COATS. FINAL COAT TO BE SANDED SMOOTH. METAL CORNER BEAD TO BE USED ON ALL OUTSIDE CORNERS AND AROUND ALL OPENINGS.

**ELECTRICAL**  
ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE AND ALL STATE, LOCAL, AND UTILITY COMPANY CODES AND REGULATIONS. ALL CIRCUITS SHALL BE MINIMUM 15 AMP. POWER WIRING SHALL BE MINIMUM 14 AWG. CONVENIENCE OUTLETS SHALL BE LOCATED 12" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED. ALL SWITCHES TO BE LOCATED 36" ABOVE THE FINISHED FLOOR UNLESS OTHERWISE INDICATED. SUPPLY RECOMMENDED LAMPS IN ALL FIXTURES.

**NOTES:**  
1. OBTAIN ALL PERMITS PRIOR TO THE START OF WORK.  
2. ALL BEDROOM TO BE PROVIDED WITH ROD & SHELF, ALL LINEN CLOSETS TO BE PROVIDED WITH 5 ROWS OF SHELVES.  
3. DOOR TRIM AND BASE MOLDING TO MATCH EXISTING  
4. ALL BATHROOM FIXTURES AND FAUCETS TO BE SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR  
5. FINISHES TO BE SUPPLIED BY OWNER

**2020 NYS ECG - AIR LEAKAGE:**  
-JOINTS, PENETRATIONS, AND ALL OTHER SUCH OPENINGS IN THE BUILDINGS ENVELOPE THAT ARE SOURCES OF AIR LEAKAGE MUST BE SEALED.  
-RECESSED LIGHTS MUST BE TYPE IC RATED AND INSTALLED WITH IC OR NON-PENETRATIONS, OR TYPE IC OR NON-IC RATED INSTALLED INSIDE AN APPROPRIATE AIR TIGHT ASSEMBLY WITH 2" CLEARANCE FROM COMBUSTIBLE MATERIALS AND 3" CLEARANCE FROM INSULATION

**VAPOR RETARDER:**  
-REQUIRED ON THE WARM-IN-WINTER SIDE OF ALL NON-VENTED FRAMED CEILINGS, WALLS, AND FLOORS.

**MATERIALS IDENTIFICATION:**  
-MATERIALS AND EQUIPMENT MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.  
-MATERIALS AND EQUIPMENT MUST IDENTIFIED SO THAT THE COMPLIANCE CAN BE DETERMINED.  
-MANUFACTURER MANUALS FOR ALL INSULATED HEATING AND COOLING EQUIPMENT AND SERVICE WATER HEATING EQUIPMENT MUST BE PROVIDED.  
-INSULATION R-VALUES AND GLAZING U-FACTORS MUST BE CLEARLY MARKED ON THE BUILDING PLANS OR SPECIFICATIONS.

**DUCT INSULATION:**  
-SUPPLY DUCTS IN UNCONDITIONED ATTICS OR OUTSIDE THE BUILDING MUST BE INSULATED TO R-8.  
-RETURN DUCTS IN UNCONDITIONED ATTICS OR OUTSIDE THE BUILDING MUST BE INSULATED TO R-4.  
-SUPPLY DUCTS IN UNCONDITIONED SPACES MUST BE INSULATED TO R-8.  
-RETURN DUCTS IN UNCONDITIONED SPACES (EXCEPT BASEMENTS) MUST BE INSULATED TO R-2.  
-INSULATION IS NOT REQUIRED ON RETURN DUCTS IN BASEMENTS.

**DUCT CONNECTION:**  
-ALL JOINTS, SEAMS, AND CONNECTIONS MUST BE SECURELY FASTENED WITH WELDS, GASKETS, MASTICS (ADHESIVES), MASTIC-PLUS-EMBEDDED-FABRIC, OR TAPES. DUCT TAPE IS NOT PERMITTED.  
EXCEPTION: CONTINUOUSLY WELDED AND LOCKING-TYPE LONGITUDINAL JOINTS AND SEAMS ON DUCTS OPERATING AT LESS THAN 2" w.g. (300 PA).

**TEMPERATURE CONTROLS:**  
-EACH DWELLING UNIT HAS AT LEAST ONE THERMOSTAT CAPABLE OF AUTOMATICALLY ADJUSTING THE SPACE TEMPERATURE SET POINT OF THE LARGEST ZONE.  
-GLAZING IS WITH 24" OF EITHER SIDE OF THE DOOR.  
-GLAZING IS ON A WALL PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION AND WITHIN 24" OF THE HINGED SIDE OF AN IN-SWING DOOR  
R308.4.3- GLAZING IN WINDOW  
- EXPOSED AREA OF AN INDIVIDUAL PANE IS LARGER THAN 9 SQ.FT.  
-BOTTOM EDGE OF GLAZING IS LESS THAN 18" ABOVE THE FLOOR  
-TOP EDGE OF GLAZING IS MORE THAN 36" ABOVE FLOOR AND ONE OR MORE WALKING SURFACES ARE WITHIN 36" MEASURED HORIZONTALLY AND IN A STRAIGHT LINE OF GLAZING  
R308.4.4- GLAZING IN GUARDS AND RAILINGS  
R308.4.5- GLAZING AND WET SURFACES- BATHTUBS, SHOWERS WHERE THE BOTTOM EXPOSED EDGE OF GLAZING IS LESS THAN 60 INCHES MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE  
- R308.4.6 GLAZING ADJACENT TO STAIRS AND RAMPS- GLAZING WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 36" ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE OF STAIRWAY, LANDING BETWEEN FLIGHTS OR STAIRS OR RAMPS  
-GLAZING 36" OR LESS MEASURED HORIZONTALLY FROM THE WALKING SURFACE  
R308.4.7 GLAZING ADJACENT TO THE BOTTOM STAIR LANDING  
- WHERE GLAZING IS LESS THAN 36" ABOVE THE LANDING AND WITHIN A 60" HORIZONTAL ARE LESS THAN 180 DEGREES FROM THE BOTTOM TREAD NOSING

**SEWAGE WATER HEATING:**  
-WATER HEATERS WITH VERTICAL PIPE RISERS MUST HAVE A HEAT TRAP ON BOTH THE INLET AND THE OUTLET UNLESS THE WATER HEATER HAS AN INTEGRAL HEAT TRAP OR IS PART OF A CIRCULATING SYSTEM.  
-INSULATE CIRCULATING HOT WATER PIPES TO THE LEVELS ON TABLE 1.

**CIRCULATING HOT WATER SYSTEMS:**  
-INSULATE CIRCULATING HOT WATER PIPES TO THE LEVELS ON TABLE 1.

**HEATING AND COOLING PIPING INSULATION:**  
-HVAC PIPING CONVEYING FLUIDS ABOVE 105°F OR CHILLED FLUIDS BELOW 55°F MUST BE INSULATED TO THE LEVELS IN TABLE 2.

**R312.2.2 WINDOW OPENING CONTROL DEVICES-** SHALL COMPLY WITH ASTM F2040  
THE WINDOW OPENING DEVICE AFTER OPERATION TO RELEASE THE CONTROL DEVICE ALLOWING THE WINDOW TO FULLY OPEN, SHALL NOT REDUCE THE NET CLEAR OPENING AREA OF THE WINDOW UNIT TO LESS THAN THE AREA REQUIRED BY SECTION R310.2.1

**NOTE:**  
1. OBTAIN ALL PERMITS PRIOR TO THE START OF WORK.  
2. ALL BEDROOM TO BE PROVIDED WITH ROD & SHELF, ALL LINEN CLOSETS TO BE PROVIDED WITH 5 ROWS OF SHELVES.  
3. DOOR TRIM AND BASE MOLDING TO MATCH EXISTING  
4. ALL BATHROOM FIXTURES AND FAUCETS TO BE SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR  
5. FINISHES TO BE SUPPLIED BY OWNER

**2020 ECG OF NEW YORK STATE:**

R401.3: PERMANENT CERTIFICATE SHALL BE COMPLETED BY THE BUILDER OR REGISTERED DESIGN PROFESSIONAL AND POSTED IN THE UTILITY ROOM OR OTHER APPROVED LOCATION INSIDE THE BUILDING.

R402.2.4: ATTIC OR CRAWL SPACE ACCESS - SHALL BE WEATHER-STRIPPED AND INSULATED TO A LEVEL EQUIVALENT TO THE INSULATION ON THE SURROUNDING SURFACES.

R402.4: AIR LEAKAGE - BUILDING THERMAL ENVELOPE SHALL BE CONSTRUCTED TO LIMIT AIR LEAKAGE TO ≤ 3 AIR CHANGES PER HOUR.

R402.4.1.1: INSTALLATION - THE COMPONENTS OF THE BUILDING THERMAL ENVELOPE SHALL BE INSTALLED IN ACCORDANCE WITH THE CRITERIA LISTED IN TABLE 402.4.1.1. WHERE REQUIRED BY CODE OFFICIAL, AN APPROVED THIRD PARTY SHALL INSPECT ALL COMPONENTS AND VERIFY COMPLIANCE.

R402.4.1.2: TESTING - BUILDING OR DWELLING UNIT SHALL BE TESTED AND VERIFIED AS HAVING ≤ 3 ACH50 IN Q24A, 5, A6A. TESTING SHALL BE CONDUCTED BY AN APPROVED THIRD PARTY.

R402.4.4: COMBUSTION CLOSETS - ROOMS CONTAINING FUEL-BURNING APPLIANCES REQUIRE SPECIAL CARE.  
EXCEPTION: DIRECT VENT APPLIANCES WITH BOTH INTAKE AND EXHAUST PIPES INSTALLED CONTINUOUS TO THE OUTSIDE

R403.3.2: DUCT SEALING - DUCTS, AIR HANDLERS, AND FILTER BOXES SHALL BE SEALED.

R403.3.3: DUCT TESTING - DUCTS SHALL BE PRESSURE TESTED TO DETERMINE AIR LEAKAGE.  
EXCEPTION: DUCT LEAKAGE TEST IS NOT REQUIRED WHERE THE DUCTS AND AIR HANDLERS ARE LOCATED ENTIRELY WITHIN THE BUILDING THERMAL ENVELOPE.

R403.3.5: BUILDING CAVITIES - SHALL NOT BE USED AS DUCTS OR PLENUMS

R403.4: MECHANICAL SYSTEM PIPING INSULATION - CARRYING FLUIDS >105°F OR <55°F, INSULATE TO R-3 MIN.

R403.6: MECHANICAL VENTILATION - THE BUILDING SHALL BE PROVIDED WITH VENTILATION THAT MEETS THE REQUIREMENTS OF 2020 NYS RESIDENTIAL CODE

THE MECHANICAL VENTILATION RATE SHALL BE NO GREATER THAN  
0.01 X CFA + 7.5 X (# OF BEDROOMS + 1)  
\*CFA = CONDITIONED FLOOR AREA

R403.7: EQUIPMENT SIZING - PER ACCA MANUEL S, BASED ON LOADS CALCULATED PER ACCA MANUAL J.

R404.1: LIGHTING - A MINIMUM OF 90% OF PERMANENTLY INSTALLED FIXTURES MUST HAVE HIGH-EFFICIENCY LAMPS. LOW-VOLTAGE LIGHTING EXEMPT

**2020 RESIDENTIAL CODE OF NEW YORK STATE SECTION R308- GLAZING**

- EXCEPT AS INDICATED IN SECTION R308.1.1 EACH PANE OF GLAZING INSTALLED IN HAZARDOUS LOCATIONS AS DEFINED IN SECTION R308.4 SHALL BE PROVIDED WITH A MANUFACTURER'S DESIGNATION SPECIFYING WHO APPLIED THE DESIGNATION. DESIGNATING THE TYPE OF GLASS AND THE SAFETY GLAZING STANDARD WITH WHICH IT COMPLIES, WHICH IS VISIBLE IN THE FINAL INSTALLATION. THE DESIGNATION SHALL BE ACID ETCHED, SANDBLASTED, CERAMIC-FIRED, LASER ETCHED, EMBOSSED, OR BE A TYPE THAT ONCE APPLIED CANNOT BE REMOVED WITHOUT BEING DESTROYED. A LABEL SHALL BE PERMITTED IN LIEU OF THE MANUFACTURER'S DESIGNATION.  
R308.4 HAZARDOUS LOCATIONS - THE LOCATIONS SPECIFIED IN SECTIONS R308.4.1 THROUGH R308.4.7 SHALL BE CONSIDERED TO BE SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSE OF GLAZING  
R308.4.1- GLAZING IN DOOR- GLAZING IN FIXED AND OPERABLE PANELS OF SHINGLES SLIDING AND BIFOLD DOORS SHALL BE CONSIDERED TO BE A HAZARDOUS LOCATION  
R308.4.2- GLAZING ADJACENT TO DOOR- GLAZING IS LESS THAN 60 INCHES ABOVE THE FLOOR OR WALKING SURFACE AND IT MEETS EITHER OF THE FOLLOWING-  
- GLAZING IS WITH 24" OF EITHER SIDE OF THE DOOR  
- GLAZING IS ON A WALL PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION AND WITHIN 24" OF THE HINGED SIDE OF AN IN-SWING DOOR  
R308.4.3- GLAZING IN WINDOW  
- EXPOSED AREA OF AN INDIVIDUAL PANE IS LARGER THAN 9 SQ.FT.  
-BOTTOM EDGE OF GLAZING IS LESS THAN 18" ABOVE THE FLOOR  
-TOP EDGE OF GLAZING IS MORE THAN 36" ABOVE FLOOR AND ONE OR MORE WALKING SURFACES ARE WITHIN 36" MEASURED HORIZONTALLY AND IN A STRAIGHT LINE OF GLAZING  
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- R308.4.6 GLAZING ADJACENT TO STAIRS AND RAMPS- GLAZING WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 36" ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE OF STAIRWAY, LANDING BETWEEN FLIGHTS OR STAIRS OR RAMPS  
-GLAZING 36" OR LESS MEASURED HORIZONTALLY FROM THE WALKING SURFACE  
R308.4.7 GLAZING ADJACENT TO THE BOTTOM STAIR LANDING  
- WHERE GLAZING IS LESS THAN 36" ABOVE THE LANDING AND WITHIN A 60" HORIZONTAL ARE LESS THAN 180 DEGREES FROM THE BOTTOM TREAD NOSING

**NOTE:** WINDOW FALL PROTECTION TO BE PROVIDED FOR ALL WINDOWS AS PER

**2020 RESIDENTIAL CODE OF NEW YORK STATE SECTION R312**

**R312.2.2 WINDOW OPENING CONTROL DEVICES-** SHALL COMPLY WITH ASTM F2040  
THE WINDOW OPENING DEVICE AFTER OPERATION TO RELEASE THE CONTROL DEVICE ALLOWING THE WINDOW TO FULLY OPEN, SHALL NOT REDUCE THE NET CLEAR OPENING AREA OF THE WINDOW UNIT TO LESS THAN THE AREA REQUIRED BY SECTION R310.2.1

**NOTE:**  
1. OBTAIN ALL PERMITS PRIOR TO THE START OF WORK.  
2. ALL BEDROOM TO BE PROVIDED WITH ROD & SHELF, ALL LINEN CLOSETS TO BE PROVIDED WITH 5 ROWS OF SHELVES.  
3. DOOR TRIM AND BASE MOLDING TO MATCH EXISTING  
4. ALL BATHROOM FIXTURES AND FAUCETS TO BE SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR  
5. FINISHES TO BE SUPPLIED BY OWNER

| COMPONENT                                               | LOAD (psf)                                                  |
|---------------------------------------------------------|-------------------------------------------------------------|
| <b>C E I L I N G S</b>                                  |                                                             |
| ACOUSTICAL FIBER BOARD                                  | 1.0                                                         |
| GYPSUM BOARD (per 1/2 INCH THICKNESS)                   | 0.55 (2.2) (2.75)                                           |
| MECHANICAL DUCT ALLOWANCE                               | 4.0                                                         |
| SUSPENDED STEEL CHANNEL SYSTEM                          | 2.0                                                         |
| WOOD FURRING SUSPENSION SYSTEM                          | 2.5                                                         |
| <b>G O V E R N I N G S , R O O F , A N D W A L L</b>    |                                                             |
| ASPHALT SHINGLES                                        | 2.0                                                         |
| GYPSUM SHEATHING, 1/2-in.                               | 2.0                                                         |
| INSULATION, ROOF BOARDS (per 1/2 inch thickness)        | 1.5                                                         |
| FIBERBOARD                                              | 0.8                                                         |
| PERLITE                                                 | 0.5                                                         |
| POLYSTYRENE FOAM                                        | 0.5                                                         |
| ETHYLENE WITH FOAM FOAM                                 | 0.5                                                         |
| PLYWOOD (per 1/2-in. THICKNESS)                         | 0.4                                                         |
| RIGID INSULATION, 1/2-in.                               | 0.75                                                        |
| SKYLIGHT, METAL FRAME, 3/8" WIRE GLASS                  | 8.0                                                         |
| WOOD SHEATHING (PER INCH THICKNESS)                     | 3.0                                                         |
| WATERPROOFING MEMBRANE                                  | 1.5                                                         |
| BITUMINOUS, SMOOTH SURFACE                              | 0.7                                                         |
| SINGLE-PLY SHEET WATERPROOFING MEMBRANE                 | 0.7                                                         |
| <b>F L O O R F I L L</b>                                |                                                             |
| LEIGHT WEIGHT CONCRETE, PER INCH                        | 8.0                                                         |
| SAND, PER INCH                                          | 8.0                                                         |
| STONE CONCRETE, PER INCH                                | 12.0                                                        |
| <b>F L O O R S A N D F L O O R F I N I S H E S</b>      |                                                             |
| CERAMIC OR QUARRY TILE (3/4-in.) ON 1/2-in. MORTAR BED  | 16.0                                                        |
| CERAMIC OR QUARRY TILE (3/4-in.) ON 1-in. MORTAR BED    | 23.0                                                        |
| CONCRETE FILL FINISH (PER INCH THICKNESS)               | 1.0                                                         |
| HARDWOOD FLOORING, 7/8-in.                              | 4.0                                                         |
| LINOLEUM OR ASPHALT TILE, 1/4-in.                       | 1.0                                                         |
| MARBLE AND MORTAR ON STONE-CONCRETE FILL                | 53.0                                                        |
| SLATE (PER MM THICKNESS)                                | 15.0                                                        |
| SOLID FLAT TILE ON 1-in. MORTAR BASE                    | 23.0                                                        |
| SUBFLOORING, 3/4-in.                                    | 3.0                                                         |
| FLOORS, WOOD JOIST (no plaster)                         | 12-in. 16-in. (LBS/FT <sup>2</sup> ) (LBS/FT <sup>2</sup> ) |
| JOIST SIZES (in.)                                       | 6 5                                                         |
| 2x6                                                     | 6 5                                                         |
| 2x8                                                     | 6 6                                                         |
| 2x10                                                    | 7 6                                                         |
| 2x12                                                    | 8 7                                                         |
| <b>F R A M E P A R T I T I O N S (psf)</b>              |                                                             |
| WOOD OR STEEL STUDS, 1/2-in. GYP. BOTH SIDES            | 8.0                                                         |
| WOOD STUDS, 2x4, UNPLASTERED                            | 4.0                                                         |
| <b>F R A M E W A L L S</b>                              |                                                             |
| EXTERIOR STUD WALLS:                                    |                                                             |
| 2x4 @ 16-in., 5/8-in. GYPSUM, INSULATED, 3/8-in. SIDING | 11.0                                                        |
| 2x6 @ 16-in., 5/8-in. GYPSUM, INSULATED, 3/8-in. SIDING | 12.0                                                        |
| EXTERIOR STUD WALLS WITH BRICK VENEER                   | 48.0                                                        |
| WINDOWS, GLASS, FRAME AND SASH                          | 8.0                                                         |
| CLAY BRICK WYTHES:                                      |                                                             |
| 4 IN                                                    | 34.0                                                        |
| 8 IN                                                    | 74.0                                                        |
| 12 IN                                                   | 115.0                                                       |
| 16 IN                                                   | 155.0                                                       |
| HOLLOW CONCRETE MASONRY UNIT WYTHES:                    |                                                             |
| WYTHE THICKNESS (IN INCHES)                             | 4 6 8 10 12                                                 |
| DENSITY OF UNIT (105 PCF)                               |                                                             |
| NO GROUT                                                | 22.0 24.0 31.0 37.0 43.0                                    |
| (GROUT SPACING)                                         |                                                             |
| 48 IN. O.C.                                             | 49.0 56.0 64.0 71.0 77.0                                    |
| 40 IN. O.C.                                             | 30.0 40.0 44.0 51.0                                         |
| 32 IN. O.C.                                             | 32.0 42.0 52.0 61.0                                         |
| 24 IN. O.C.                                             | 40.0 53.0 66.0 74.0                                         |
| 16 IN. O.C.                                             | 55.0 75.0 95.0 115.0                                        |
| FULL GROUT                                              |                                                             |
| 48 IN. O.C.                                             | 55.0 75.0 95.0 115.0                                        |
| 40 IN. O.C.                                             | 32.0 51.0 64.0 81.0 105.0                                   |
| 32 IN. O.C.                                             | 38.0 60.0 81.0 102.0 124.0                                  |
| 24 IN. O.C.                                             | 41.0 64.0 81.0 110.0 133.0                                  |
| DENSITY OF UNIT (135 PCF)                               |                                                             |
| NO GROUT                                                | 22.0 24.0 31.0 37.0 43.0                                    |
| (GROUT SPACING)                                         |                                                             |
| 48 IN. O.C.                                             | 49.0 56.0 64.0 71.0 77.0                                    |
| 40 IN. O.C.                                             | 30.0 40.0 44.0 51.0                                         |
| 32 IN. O.C.                                             | 32.0 42.0 52.0 61.0                                         |
| 24 IN. O.C.                                             | 40.0 53.0 66.0 74.0                                         |
| 16 IN. O.C.                                             | 55.0 75.0 95.0 115.0                                        |
| FULL GROUT                                              |                                                             |
| 48 IN. O.C.                                             | 55.0 75.0 95.0 115.0                                        |
| 40 IN. O.C.                                             | 32.0 51.0 64.0 81.0 105.0                                   |
| 32 IN. O.C.                                             | 38.0 60.0 81.0 102.0 124.0                                  |
| 24 IN. O.C.                                             | 41.0 64.0 81.0 110.0 133.0                                  |
| DENSITY OF UNIT (135 PCF)                               |                                                             |
| NO GROUT                                                | 22.0 24.0 31.0 37.0 43.0                                    |
| (GROUT SPACING)                                         |                                                             |
| 48 IN. O.C.                                             | 49.0 56.0 64.0 71.0 77.0                                    |
| 40 IN. O.C.                                             | 30.0 40.0 44.0 51.0                                         |
| 32 IN. O.C.                                             | 32.0 42.0 52.0 61.0                                         |
| 24 IN. O.C.                                             | 40.0 53.0 66.0 74.0                                         |
| 16 IN. O.C.                                             | 55.0 75.0 95.0 115.0                                        |
| FULL GROUT                                              |                                                             |
| 48 IN. O.C.                                             | 55.0 75.0 95.0 115.0                                        |
| 40 IN. O.C.                                             | 32.0 51.0 64.0 81.0 105.0                                   |
| 32 IN. O.C.                                             | 38.0 60.0 81.0 102.0 124.0                                  |
| 24 IN. O.C.                                             | 41.0 64.0 81.0 110.0 133.0                                  |
| DENSITY OF UNIT (135 PCF)                               |                                                             |
| NO GROUT                                                | 22.0 24.0 31.0 37.0 43.0                                    |
| (GROUT SPACING)                                         |                                                             |
| 48 IN. O.C.                                             | 49.0 56.0 64.0 71.0 77.0                                    |
| 40 IN. O.C.                                             | 30.0 40.0                                                   |



# PAGAN RESIDENCE

## 95 PRIMROSE DRIVE, NEW HYDE PARK, NY 11040

### ARCHITECTURAL PLOT PLAN

SCALE: 1/8" = 1'-0"

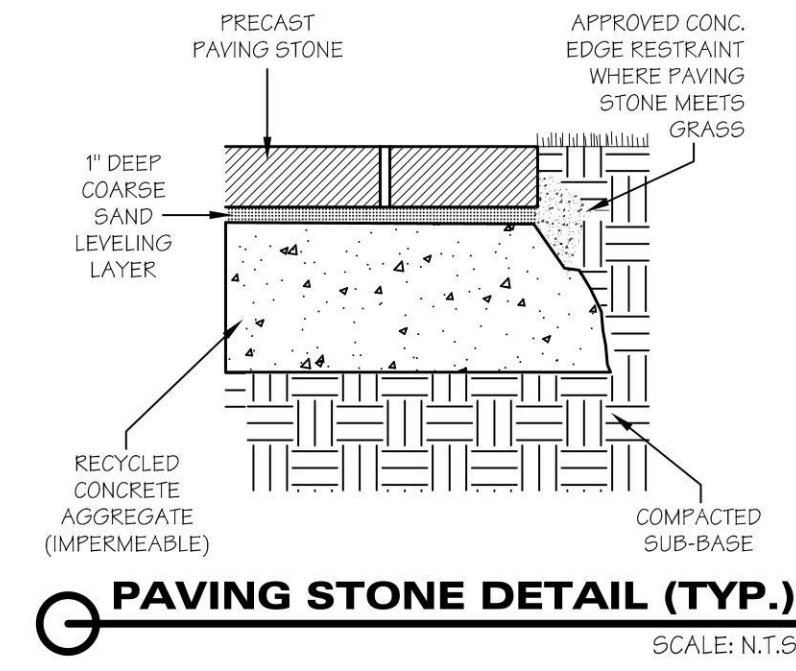
| AREAS (S.F.)       | EXISTING   | TO BE REMOVED | TO BE MAINTAINED | PROPOSED | TOTAL    |
|--------------------|------------|---------------|------------------|----------|----------|
| TOTAL LOT:         | 4,929 S.F. | -----         | -----            | -----    | -----    |
| FIRST FLOOR:       | 913 S.F.   | -----         | -----            | -----    | 913 S.F. |
| SECOND FLOOR:      | 795 S.F.   | -----         | -----            | -----    | 795 S.F. |
| R/O MASONRY STOOP: | 74 S.F.    | -----         | -----            | -----    | 74 S.F.  |
| GARAGE:            | 212 S.F.   | -----         | -----            | -----    | 212 S.F. |
| ENCLOSED PORCH:    | 135 S.F.   | -----         | -----            | -----    | 135 S.F. |
| FINISHED BASEMENT: | 441 S.F.   | -----         | -----            | -----    | 441 S.F. |

### ZONING TOWN OF NORTH HEMPSTEAD

| ZONING DISTRICT:               | R-B (SINGLE FAMILY)                   |                  |                       |
|--------------------------------|---------------------------------------|------------------|-----------------------|
| ZONING ITEM                    | REQUIRED                              | EXISTING         | MAINTAIN              |
| LOT SIZE                       | 6,000 S.F. MIN.                       | 4,929 S.F.       | NO CHANGE             |
| LOT COVERAGE (BUILDING)        | 30% MAX                               | 26.8%            | NO CHANGE             |
| HEIGHT (2.5 STORIES)           | 30' MAX                               | 11.7'            | NO CHANGE             |
| EAVES HEIGHT                   | 22' MAX                               | 9.42'            | NO CHANGE             |
| FRONT YARD SETBACK             | 30' OR AVERAGE ON BLOCK               | 26.0'            | NO CHANGE             |
| FRONT YARD (PORCH < 3' HT)     | 5' ENCROACHMENT                       | N/A              | NO CHANGE             |
| SIDE YARD                      | 7' MIN.                               | 5.90'            | NO CHANGE             |
| COMBINED SIDE YARDS            | 15' MIN.                              | 13.30'           | NO CHANGE             |
| REAR YARD                      | 15' MIN.                              | 22.95'           | NO CHANGE             |
| FLOOR AREA                     | MIN. 1,000 S.F. MAX 3,400 S.F. OR 45% | 2,129 S.F.       | NO CHANGE             |
| FRONT YARD IMPERVIOUS MATERIAL | 45% MAX.                              | 28.3% (421 S.F.) | 49.0% (729 S.F.)      |
| IMPERVIOUS AREA                | 300 S.F. (5% OF LOT) MAX              | 471 S.F.         | 1,103 S.F. NEW PAVING |

- (A) HEIGHT TAKEN FROM CROWN OF ROAD TO TOP OF RIDGE
- (B) MAXIMUM HEIGHT OF 45 FEET, EXCEPT A CHURCH SPIRE OR BELFRY
- (C) THE GROSS FLOOR AREA ON A LOT SHALL NOT EXCEED 3,400 SQUARE FEET UNLESS THE LOT AREA IS GREATER THAN 8,500 SQUARE FEET AND THE MINIMUM SIDE YARD IS INCREASED TO 10 FEET.
  - (1) FOR LOTS GREATER THAN 8,500 SQUARE FEET, DEVELOPMENT EXCEEDING 3,400 SQUARE FEET OF GROSS FLOOR AREA SHALL COMPLY WITH THE REGULATIONS OF ARTICLE IV, R-A
- (D) FRONT YARD AREA: 1,487 S.F.
- (E) FRONT YARD PAVING
  - For all new construction, alterations or landscaping changes, a front yard may not be covered more than 40% by any impervious material or other type of paving. Water flow from paved areas must be controlled to alleviate excessive runoff onto adjacent properties.
  - FRONT YARD IMPERVIOUS MATERIAL TO BE MAINTAINED=308 S.F.**
- (F) EROSION CONTROL AND STORMWATER MANAGEMENT
  - All construction in which there will be an increase in impervious surface area in excess of 5% of the lot area or 750 square feet, whichever is less, requires on-site retention of 2 1/2 inches of rainfall.

| BUILDING FOOTPRINT | F.A.R.     |
|--------------------|------------|
| 913 S.F.           | 913 S.F.   |
| 795 S.F.           | 795 S.F.   |
| 74 S.F.            | 74 S.F.    |
| 212 S.F.           | 212 S.F.   |
| 135 S.F.           | 135 S.F.   |
| TOTAL:             | TOTAL:     |
| 1,334 S.F.         | 2,129 S.F. |

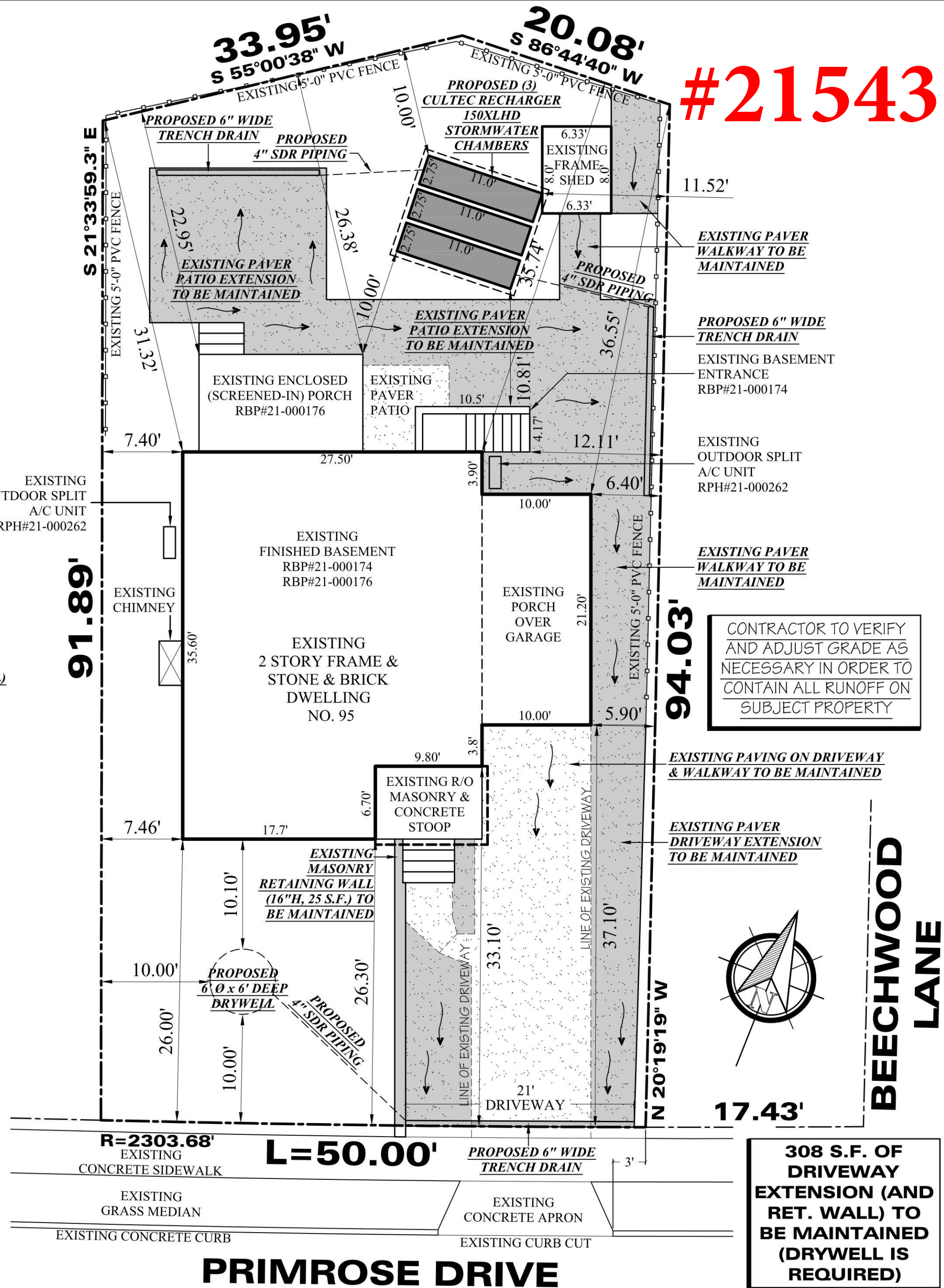
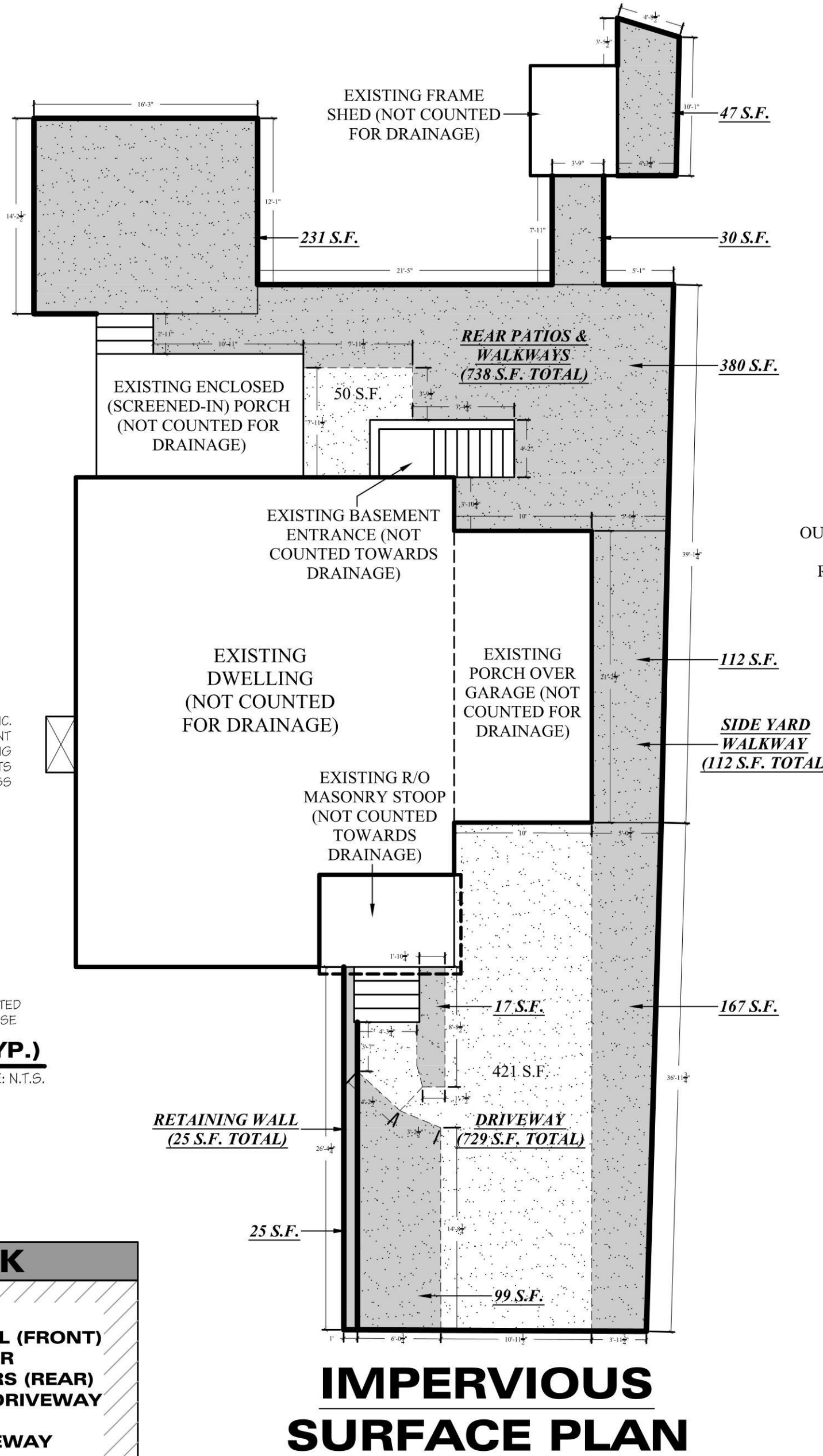


DRYWELLS ARE REQUIRED

#### SCOPE OF WORK

APPLICATION FOR:

- PROPOSED 6' Ø x 6' DEEP DRYWELL (FRONT)
- PROPOSED (3) CULTEC RECHARGER 150XLHD STORMWATER CHAMBERS (REAR)
- MAINTAIN PAVING ON EXISTING DRIVEWAY & WALKWAY
- MAINTAIN EXISTING PAVER DRIVEWAY EXTENSION
- MAINTAIN EXISTING PAVER WALKWAYS
- MAINTAIN REAR PAVER PATIO EXTENSION



ALL DIMENSIONS ARE TO BE FIELD VERIFIED

**DISAPPROVED**  
Ben Voutsinas  
03/11/2024

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| ISSUED FOR           |  |
|----------------------|--|
| PRELIMINARY DRAWING  |  |
| FOR OWNERS REVIEW    |  |
| FOR BIDDING PURPOSES |  |
| FOR BUILDING DEPT.   |  |
| FOR CONSTRUCTION     |  |
| AS BUILT DRAWINGS    |  |

| NO. | DATE     | DESCRIPTION         |
|-----|----------|---------------------|
| 1.  | 07.05.23 | D.O.B. RESUBMISSION |

| PROJECT NO. | 2020272    |
|-------------|------------|
| DATE        | 02/22/2023 |
| SCALE       | AS NOTED   |
| DRAWN BY    | R.H.       |

PROJECT NO. 2020272  
DATE 02/22/2023  
SCALE AS NOTED  
DRAWN BY R.H.

MARK ANTHONY ARCHITECTS & PLANNERS

(516) 409 - 1900  
1563 BELLMORE AVE.  
N.BELLMORE, NY 11710

REGISTERED ARCHITECT  
MARK ANTHONY MUNSTER, R.A.  
031737-1  
STATE OF NEW YORK

LIC # 031737-1  
MARK ANTHONY MUNSTER, R.A.  
1563 BELLMORE AVE. BELLMORE NY, 11710

## ZONING & PLOT PLAN

PROJECT: PAGAN RESIDENCE  
95 PRIMROSE DRIVE, NEW HYDE PARK, NY 11040

D.O.B. ID# RBP#23-000240

DRAWING No. **A0.00**

| EXISTING ZONING ITEM | PERMIT #      |
|----------------------|---------------|
| DWELLING             | 42301         |
| ENCLOSED PORCH       | RBP#21-000176 |
| SHED DORMER          | 57-2          |
| A/C UNITS            | RPH#21-000262 |
| 5' PVC FENCE         | -----         |

ANY NON-PERMITTED ITEMS ARE THE CLIENT'S RESPONSIBILITY UNLESS MARK ANTHONY ARCHITECTS HAS BEEN RETAINED TO RESOLVE OUTSTANDING ITEMS

CLIENT RESPONSIBILITY

- PLUMBING APPLICATION (IF REQUIRED) TO BE FILED BY LICENSED PLUMBER
- ELECTRICAL APPLICATION (IF REQUIRED) TO BE FILED BY LICENSED ELECTRICIAN
- C of O / C of C - CLOSE OUT AND INSPECTIONS (BY OTHERS)

PLOT PLAN INFORMATION AS PER:

SURVEY DRAWN : MAY 24, 2019

THIS PROJECT HAS BEEN DESIGNED IN ACCORDANCE WITH THE RESIDENTIAL CODE OF NEW YORK STATE (2020)

LEONARD J. STRANDBERG AND ASSOCIATES CONSULTING ENGINEERS AND LAND SURVEYORS, PC  
ALEXANDER TSUKERMAN (SURVEYOR)

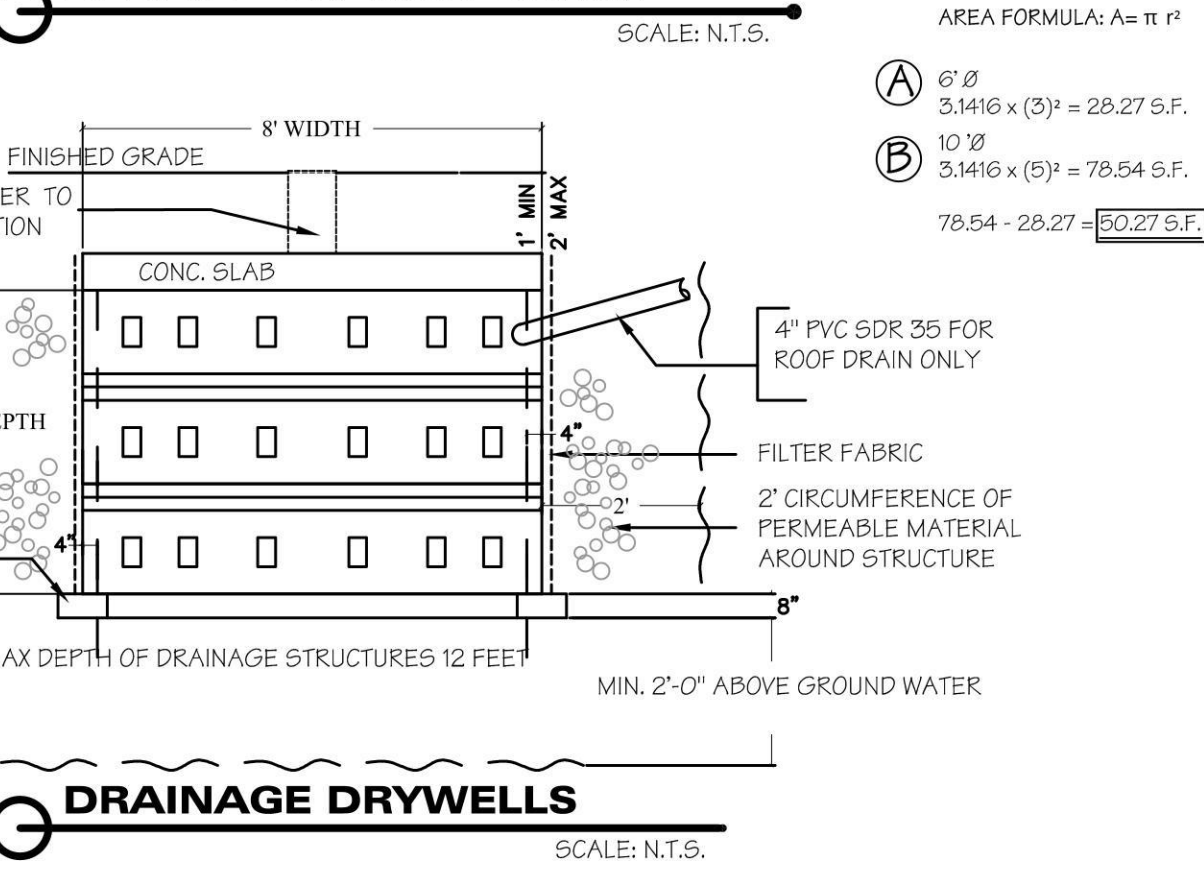
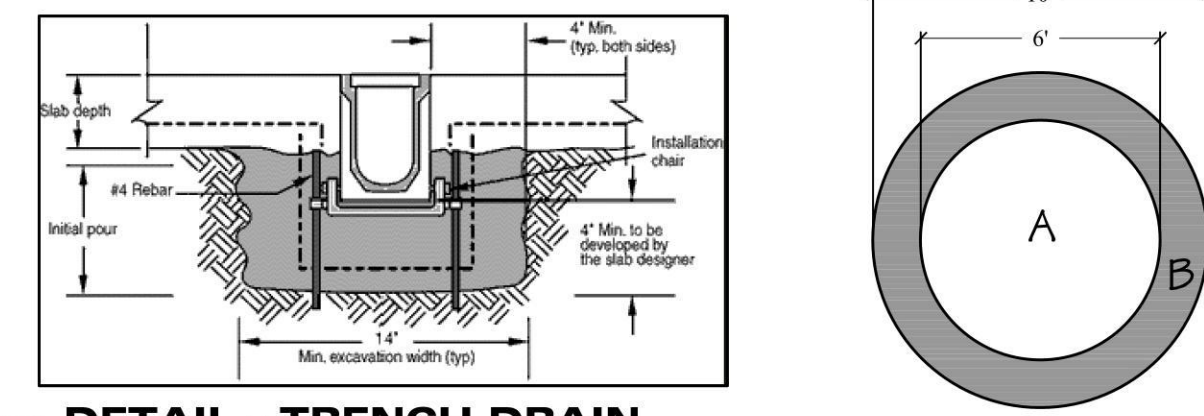
32 SMITH STREET, FREEPORT, NY 11520  
TEL: (516) 378-6649

"TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE "ENERGY CONSERVATION CONSTRUCTION CODE (2020)" (N1102.1.2 (R402.1.2)) AND CHAPTER 11 RESIDENTIAL CODE OF NEW YORK STATE (2020)

| SECTION                      | DESCRIPTION                                        |
|------------------------------|----------------------------------------------------|
| SECTION N1102.1.2 (R402.1.2) | BUILDING THERMAL ENVELOPE                          |
| SECTION N1102.1.2 (R402.1.2) | INSULATION AND FINISHING REQUIREMENTS BY COMPONENT |

| No.   | DESCRIPTION                  |
|-------|------------------------------|
| A0.00 | PLOT PLAN - ZONING           |
| T1.00 | GENERAL NOTES                |
| A1.00 | CULTEC SPECS. & CALCULATIONS |
| A2.00 | CULTEC SPECS. & DETAILS      |

| TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA |             |                     |                     |                         |                        |                  |         |                     |                                   |               |                    |                  |        |
|---------------------------------------------------------|-------------|---------------------|---------------------|-------------------------|------------------------|------------------|---------|---------------------|-----------------------------------|---------------|--------------------|------------------|--------|
| GROUND SNOW LOAD                                        | WIND DESIGN |                     |                     | SEISMIC DESIGN CATEGORY | SUBJECT TO DAMAGE FROM |                  |         | WINTER DESIGN TEMP. | ICE BARRIER UNDERLAYMENT REQUIRED | FLOOD HAZARDS | AIR FREEZING INDEX | MEAN ANNUAL TEMP |        |
|                                                         | Speed (mph) | Topographic effects | Special wind region |                         | Weathering             | frost line depth | Termite |                     |                                   |               |                    |                  |        |
| 20 PSF                                                  | 130         | NO                  | NO                  | 1 mi.                   | B                      | Severe           | 3'-4'   | Moderate to Heavy   | 15                                | YES           | 9-11-09            | 496              | 52.9°F |



#### PROPOSED DRAINAGE:

EXISTING DRIVEWAY AREA: 420.7 S.F.  
MAINTAIN DRIVEWAY AREA: 292.7 S.F.  
MAINTAIN RETAINING WALL: 25.3 S.F.  
MAINTAIN SIDE YARD AREA: 112.3 S.F.

CALCULATION: 841 S.F. x 1 x (2.5/12) = 175.2 c.f. (130.59 GALLONS) REQUIRED

PROVIDE: (1) 6' Ø x 6' DEEP DRYWELL  
6' DIAMETER x 6' DEPTH DRYWELL CAPACITY = 6' x 22.33 C.F./F.T. = 133.98 CUBIC FEET (1002.24 GALLONS)

PROVIDE: (3) CULTEC RECHARGER 150XLHD STORMWATER CHAMBERS  
CHAMBER & FEED CONNECTOR CAPACITY: 89.37 CUBIC FEET (688.5 GALLONS)  
STONE FILL AROUND CHAMBERS: 112.94 CUBIC FEET (844.85 GALLONS)

TOTAL CAPACITY = 202.3 CUBIC FEET (1513 GALLONS) > 175.2 c.f. (1,311 GALLONS) REQUIRED (OK)

PROPOSED 194.28 C.F. (1,453 GALLONS) > 175.2 c.f. (1,311 GALLONS) REQUIRED (OK)

EXISTING REAR PATIO AREA: 50.25 S.F.  
MAINTAIN REAR PATIO AREA: 688 S.F.

CALCULATION: 738.25 S.F. x 1 x (2.5/12) = 153.80 c.f. (1,150.50 GALLONS) REQUIRED

PROVIDE: (3) CULTEC RECHARGER 150XLHD STORMWATER CHAMBERS  
CHAMBER & FEED CONNECTOR CAPACITY: 89.37 CUBIC FEET (688.5 GALLONS)  
STONE FILL AROUND CHAMBERS: 112.94 CUBIC FEET (844.85 GALLONS)

TOTAL CAPACITY = 202.3 CUBIC FEET (1,513 GALLONS) > 153.80 c.f. (1,151 GALLONS) REQUIRED (OK)

SEE CULTEC SYSTEM CALCULATIONS, SPECIFICATIONS, AND DETAILS ON SHEETS A1 & A2

\* STORM DRAINAGE SYSTEM DESIGNED TO STORE RUNOFF PRODUCED BY A 2.5" RAINFALL  
- RUNOFF COEFFICIENTS:  
- ROOF AREA: 1.00  
- CONNECTION TO DRYWELLS TO BE A NEW 4" PVC PIPE SDR 35  
- MINIMUM 10" SEPARATION FROM ALL PROPERTY LINES AND 20" SEPARATION SHALL BE MAINTAINED BETWEEN STORM DRAINAGE AND SEPTIC SYSTEMS  
- ALL PRE CAST DRAINAGE STRUCTURES MUST MEET NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS STANDARDS



ALL DIMENSIONS ARE TO BE FIELD VERIFIED

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ISSUED FOR

- PRELIMINARY DRAWING
- FOR OWNERS REVIEW
- FOR BIDDING PURPOSES
- FOR BUILDING DEPT.
- FOR CONSTRUCTION
- AS BUILT DRAWINGS

REVIEWS PLOTTED: 7/6/2023

| NO. | DATE     | DESCRIPTION         |
|-----|----------|---------------------|
| 1.  | 07.05.23 | D.O.B. RESUBMISSION |

PROJECT NO. 2022022  
 DATE 02/22/2023  
 SCALE AS NOTED  
 DRAWN BY R.H.



(516) 409-1900  
 1563 BELLMORE AVE.  
 N. BELLMORE, NY 11710



LIC # 031737  
 MARK ANTHONY MÜNSTER, R.A.  
 1563 BELLMORE AVE. BELLMORE, NY 11710

DRAWING:

# CULTEC DETAILS & SPECS.

PROJECT:  
**PAGAN RESIDENCE**  
 95 PRIMROSE DRIVE,  
 NEW HYDE PARK, NY 11040

D.O.B. ID#  
**RBP#23-000240**

DRAWING No.  
**A1.00**

### CULTEC Stage-Storage Calculations

Date: August 25, 2022

Project Information:  
 PAGAN RESIDENCE  
 95 PRIMROSE DRIVE  
 NEW HYDE PARK  
 NEW YORK 11040  
 UNITED STATES

Project Number: 2022022

Recharger 150XLHD

Chamber Model - 3 units  
 Number of Rows - 3 units  
 Total Number of Chambers - 9 units  
 HVLY FC-24 Feed Connectors - 40 units  
 Stone Vial - 6 inches  
 Stone Base - 6 inches  
 Stone Above Units - 6 inches  
 Area of Stone Elevation - 146.25 sq. ft.  
 Base of Stone Elevation - 3.38

Recharger 150XLHD Incremental Storage Volumes

| Height of System | Chamber Volume |     | HVLY Feed Connector Volume |                | Stone Volume   |                | Cumulative Storage Volume |                | Total Cumulative Storage Volume |                | Elevation |      |
|------------------|----------------|-----|----------------------------|----------------|----------------|----------------|---------------------------|----------------|---------------------------------|----------------|-----------|------|
|                  | m              | mm  | m <sup>3</sup>             | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup>            | m <sup>3</sup> | m <sup>3</sup>                  | m <sup>3</sup> |           |      |
| 25.5             | 778            | 0.0 | 0.0                        | 0.0            | 4.9            | 0.1            | 4.875                     | 6.11           | 212.53                          | 3.74           | 5.32      | 4.11 |
| 29.5             | 749            | 0.0 | 0.0                        | 0.0            | 4.9            | 0.1            | 4.875                     | 0.1            | 197.88                          | 5.61           | 5.84      | 4.13 |
| 28.5             | 774            | 0.0 | 0.0                        | 0.0            | 4.9            | 0.1            | 4.875                     | 0.1            | 181.10                          | 5.47           | 5.76      | 4.12 |
| 27.5             | 699            | 0.0 | 0.0                        | 0.0            | 4.9            | 0.1            | 4.875                     | 0.1            | 188.23                          | 5.33           | 5.67      | 4.09 |
| 26.5             | 671            | 0.0 | 0.0                        | 0.0            | 4.9            | 0.1            | 4.875                     | 0.1            | 183.35                          | 5.19           | 5.59      | 4.05 |
| 25.5             | 648            | 0.0 | 0.0                        | 0.0            | 4.9            | 0.1            | 4.875                     | 0.1            | 178.48                          | 5.05           | 5.51      | 4.03 |
| 24.5             | 622            | 0.2 | 0.0                        | 0.0            | 2.4            | 0.1            | 2.556                     | 0.1            | 173.60                          | 4.92           | 5.42      | 4.00 |
| 24.0             | 610            | 0.3 | 0.0                        | 0.0            | 4.7            | 0.1            | 5.073                     | 0.1            | 171.05                          | 4.84           | 5.38      | 3.99 |
| 23.0             | 584            | 1.1 | 0.0                        | 0.0            | 4.5            | 0.1            | 5.509                     | 0.2            | 165.98                          | 4.70           | 5.30      | 3.96 |
| 22.0             | 559            | 2.5 | 0.1                        | 0.0            | 4.3            | 0.1            | 6.400                     | 0.2            | 160.47                          | 4.54           | 5.21      | 3.94 |
| 21.0             | 533            | 3.4 | 0.1                        | 0.0            | 4.1            | 0.1            | 7.528                     | 0.2            | 154.07                          | 4.36           | 5.13      | 3.91 |
| 20.0             | 508            | 3.9 | 0.1                        | 0.0            | 3.3            | 0.1            | 7.231                     | 0.2            | 147.17                          | 4.17           | 5.05      | 3.89 |
| 19.0             | 483            | 4.4 | 0.1                        | 0.0            | 2.8            | 0.1            | 7.528                     | 0.2            | 139.94                          | 3.96           | 4.96      | 3.86 |
| 18.0             | 457            | 4.8 | 0.1                        | 0.2            | 2.9            | 0.1            | 7.986                     | 0.2            | 132.41                          | 3.75           | 4.88      | 3.84 |
| 17.0             | 432            | 5.1 | 0.1                        | 0.2            | 2.8            | 0.1            | 8.144                     | 0.2            | 124.43                          | 3.52           | 4.80      | 3.81 |
| 16.0             | 406            | 5.4 | 0.2                        | 0.2            | 2.7            | 0.1            | 8.314                     | 0.2            | 116.28                          | 3.29           | 4.71      | 3.79 |
| 15.0             | 381            | 5.7 | 0.2                        | 0.2            | 2.6            | 0.1            | 8.451                     | 0.2            | 107.97                          | 3.06           | 4.63      | 3.76 |
| 14.0             | 356            | 5.9 | 0.2                        | 0.2            | 2.5            | 0.1            | 8.585                     | 0.2            | 99.52                           | 2.82           | 4.55      | 3.74 |
| 13.0             | 331            | 6.1 | 0.2                        | 0.2            | 2.4            | 0.1            | 8.676                     | 0.2            | 90.93                           | 2.57           | 4.46      | 3.71 |
| 12.0             | 306            | 6.2 | 0.2                        | 0.1            | 2.4            | 0.1            | 8.745                     | 0.2            | 82.26                           | 2.33           | 4.38      | 3.68 |
| 11.0             | 279            | 6.3 | 0.2                        | 0.1            | 2.4            | 0.1            | 8.799                     | 0.2            | 73.51                           | 2.08           | 4.30      | 3.65 |
| 10.0             | 254            | 6.4 | 0.2                        | 0.1            | 2.3            | 0.1            | 8.828                     | 0.2            | 64.71                           | 1.83           | 4.21      | 3.63 |
| 9.0              | 229            | 6.4 | 0.2                        | 0.1            | 2.3            | 0.1            | 8.828                     | 0.2            | 55.89                           | 1.58           | 4.13      | 3.61 |
| 8.0              | 204            | 6.4 | 0.2                        | 0.0            | 2.3            | 0.1            | 8.828                     | 0.2            | 47.07                           | 1.33           | 4.05      | 3.58 |
| 7.0              | 178            | 6.8 | 0.2                        | 0.0            | 2.1            | 0.1            | 9.003                     | 0.3            | 38.25                           | 1.08           | 3.96      | 3.56 |
| 6.0              | 152            | 0.0 | 0.0                        | 0.0            | 4.9            | 0.1            | 4.875                     | 0.1            | 29.32                           | 0.83           | 3.88      | 3.53 |
| 5.0              | 127            | 0.0 | 0.0                        | 0.0            | 4.9            | 0.1            | 4.875                     | 0.1            | 24.38                           | 0.69           | 3.80      | 3.51 |
| 4.0              | 102            | 0.0 | 0.0                        | 0.0            | 4.9            | 0.1            | 4.875                     | 0.1            | 19.50                           | 0.55           | 3.71      | 3.48 |
| 3.0              | 76             | 0.0 | 0.0                        | 0.0            | 4.9            | 0.1            | 4.875                     | 0.1            | 14.63                           | 0.41           | 3.63      | 3.45 |
| 2.0              | 51             | 0.0 | 0.0                        | 0.0            | 4.9            | 0.1            | 4.875                     | 0.1            | 9.76                            | 0.28           | 3.55      | 3.43 |
| 1.0              | 25             | 0.0 | 0.0                        | 0.0            | 4.9            | 0.1            | 4.875                     | 0.1            | 4.88                            | 0.14           | 3.46      | 3.41 |
| 0.0              | 0              | 0.0 | 0.0                        | 0.0            | 0.0            | 0.0            | 0.000                     | 0.0            | 0.00                            | 0.00           | 3.38      | 3.38 |

### CULTEC Stormwater Design Calculator

Date: August 25, 2022

Project Information:  
 PAGAN RESIDENCE  
 95 PRIMROSE DRIVE  
 NEW HYDE PARK  
 NEW YORK  
 UNITED STATES

Project Number: 2022022

Calculations Performed By:  
 R.H.  
 MARK ANTHONY ARCHITECTS  
 1563 BELLMORE AVENUE  
 BELLMORE NEW YORK  
 11710  
 UNITED STATES  
 (516) 409-1900

#### RECHARGER 150XLHD

Recharger 150XLHD Chamber Specifications

|                          |       |          |
|--------------------------|-------|----------|
| Height                   | 18.5  | inches   |
| Width                    | 33.0  | inches   |
| Length                   | 11.00 | feet     |
| Installed Length         | 10.25 | feet     |
| Base Chamber Volume      | 27.19 | cu. feet |
| Installed Chamber Volume | 50.18 | cu. feet |

Breakdown of Storage Provided by Recharger 150XLHD Stormwater System

|                               |              |                 |
|-------------------------------|--------------|-----------------|
| Within Chambers               | 87.55        | cu. feet        |
| Within Feed Connectors        | 1.82         | cu. feet        |
| Within Stone                  | 112.94       | cu. feet        |
| <b>Total Storage Provided</b> | <b>202.3</b> | <b>cu. feet</b> |
| Total Storage Required        | 133.80       | cu. feet        |

#### Materials List

Recharger 150XLHD

|                                     |    |           |
|-------------------------------------|----|-----------|
| Total Number of Chambers Required   | 3  | pieces    |
| Separator Row Chambers              | 1  | pieces    |
| Starter Chambers                    | 1  | pieces    |
| Intermediate Chambers               | 0  | pieces    |
| End Chambers                        | 0  | pieces    |
| HVLY FC-24 Feed Connectors          | 4  | pieces    |
| CULTEC No. 410 Non-Woven Geotextile | 98 | sq. yards |
| CULTEC No. 4800 Woven Geotextile    | 35 | feet      |
| Stone                               | 10 | cu. yards |

Separator Row Qty Included in Total

Based on 2 Internal Manifolds

#### Bed Detail

Bed Layout Information

|                         |        |          |
|-------------------------|--------|----------|
| Number of Rows Wide     | 3      | pieces   |
| Number of Chambers Long | 1      | pieces   |
| Chamber Row Width       | 9.25   | feet     |
| Chamber Row Length      | 11.00  | feet     |
| Bed Width               | 11.25  | feet     |
| Bed Length              | 13.00  | feet     |
| Bed Area Required       | 146.25 | sq. feet |
| Length of Separator Row | 11.00  | feet     |

Bed detail for reference only. Not project specific. Not to scale.

Cross Section Table Reference

|   |                                      |       |        |
|---|--------------------------------------|-------|--------|
| A | Depth of Stone Base                  | 6.0   | inches |
| B | Chamber Height                       | 18.5  | inches |
| C | Depth of Stone Above Units           | 6.0   | inches |
| D | Depth of 95% Compacted Fill          | 8.0   | inches |
| E | Max. Depth Allowed Above the Chamber | 13.00 | feet   |
| F | Chamber Width                        | 33.0  | inches |
| G | Center to Center Spacing             | 3.25  | feet   |
| H | Effective Depth                      | 2.54  | feet   |
| I | Bed Depth                            | 3.21  | feet   |

CULTEC, Inc.  
 P.O. Box 280  
 Brookfield, CT 06804 USA

Phone: 203-775-4416  
 tom@cultec.com  
 www.cultec.com

CULTEC Stormwater Design Calculator v. 08-20  
 1 of 1

### WARNING Fire Hazard

For continued protection against risk of fire:

- Do not install water heater on carpeted floor.
- Do not operate water heater if flood damaged.

This water heater must not be installed directly on carpeting. Carpeting must be protected by metal or wood panel beneath the appliance extending beyond the full width and depth of the appliance by at least 3 inches (76.2mm) in any direction, or if the appliance is installed in an alcove or closet, the entire floor must be covered by the panel. Failure to heed this warning may result in a fire hazard.

### WARNING Fire or Explosion Hazard

Read instruction manual before installing.

- Devices that will turn off the gas supply to a gas water heater while at the same time shutting off its water supply.
- Using or servicing water heater.
- Improper use may result in fire or explosion.
- Maintain required clearances to combustibles.

Minimum clearances between the water heater and combustible construction are 0 inch at the sides and rear, 4 inches (102 mm) at the front, and 6 inches (152 mm) from the vent pipe. Clearance from the top of the jacket is 12 inches (305 mm) on most models. Note that a lesser dimension may be allowed on some models, refer to the label attached adjacent to the gas control valve on the water heater, see Figure 3.

### WARNING Breathing Hazard - Carbon Monoxide Gas

Do not obstruct water heater air intake with insulating blanket.

- Gas and carbon monoxide detectors are available.
- Install water heater in accordance with the instruction manual.

Breathing carbon monoxide can cause brain damage or death. Always read and understand instruction manual.

Should you choose to apply an insulating blanket to this heater, you should follow these instructions (For identification of components mentioned below, see Figure 1). Failure to follow these instructions can restrict the air flow required for proper combustion, potentially resulting in fire, asphyxiation, serious personal injury or death.

### WARNING Breathing Hazard - Carbon Monoxide Gas

Do not apply insulation to the top of the water heater, as this will interfere with safe operation of the draft hood.

Do not cover the outer door, thermostat or temperature & pressure relief valve.

Do not allow insulation to come within 2" (50.8 mm) of the floor to prevent blockage of combustion air flow to the burner.

Do not cover the instruction manual. Keep it on the side of the water heater or nearby for future reference.

Do obtain new warning and instruction labels from the manufacturer for placement on the heater directly over the existing labels.

Do inspect the insulating blanket frequently to make certain it does not sag, thereby obstructing combustion air flow.

### COMBUSTION AIR AND VENTILATION FOR APPLIANCES LOCATED IN UNCONFINED SPACES

UNCONFINED SPACE is space whose volume is not less than 50 cubic feet per 1,000 Btu per hour (4.8 cm per kW) of the aggregate input rating of all appliances installed in that space. Rooms communicating directly with the space in which the appliances are installed, through openings not furnished with doors, are considered a part of the unconfined space.

In unconfined spaces in buildings, infiltration may be adequate to provide air for combustion, ventilation and dilution of fire gases. However, in buildings of tight construction (for example, weather stripping, heavily insulated, caulked, vapor barrier, etc.), additional air may need to be provided using the methods described in "Combustion Air and Ventilation for Appliances Located in Confined Spaces."

### COMBUSTION AIR AND VENTILATION FOR APPLIANCES LOCATED IN CONFINED SPACES

CONFINED SPACE is a space whose volume is less than 50 cubic feet per 1,000 Btu per hour (4.8 cm per kW) of the aggregate input rating of all appliances installed in that space.

**A. ALL AIR FROM INSIDE BUILDINGS:** (See Figure 4 and 5)  
 The confined space shall be provided with two permanent openings communicating directly with an additional room(s) of sufficient volume so that the combined volume of all spaces meets the criteria for an unconfined space.

INSULATION BLANKETS  
 Insulation blankets are available to the general public for external use on gas water heaters but are not necessary with these products. The purpose of an insulation blanket is to reduce the standby heat loss encountered with storage tank heaters. Your water heater meets or exceeds the National Appliance Energy Conservation Act standards with respect to insulation and standby loss requirements, making an insulation blanket unnecessary.

TOP VIEW OF CLOSET WITHOUT DOOR  
 TOP VIEW OF CLOSET WITH DOOR

FIGURE 3.

A gas water heater cannot operate properly without the correct amount of air for combustion. Do not install in confined areas such as a closet, unless you provide air as shown in the "Locating the New Water Heater" section. Never obstruct the flow of ventilation air. If you have any doubts or questions at all, call your gas supplier. Failure to provide the proper amount of combustion air can result in a fire or explosion and cause death, serious bodily injury, or property damage.

FIGURE 4.

If this water heater will be used in beauty shops, barber shops, cleaning establishments, or self-service laundries with dry cleaning equipment, it is imperative that the water heater or water heaters be installed so that combustion and ventilation be taken from outside these areas.

Propellants of aerosol sprays and volatile compounds, (cleaners, chlorine based chemicals, nitrogens, etc.) in addition to being highly flammable in many cases, will also change to corrosive hydrochloric acid when exposed to the combustion products of the water heater. The results can be hazardous, and also cause product failure.

FIGURE 5.

## GAO SMITH WATER HEATER CLEARANCE SPECIFICATIONS

## CULTEC RECHARGER 150XLHD STORMWATER CHAMBERS DESIGN AND STORAGE CALCULATIONS



ALL DIMENSIONS ARE TO BE FIELD VERIFIED

**CULTEC RECHARGER 150XLHD SPECIFICATIONS**

**GENERAL**  
CULTEC RECHARGER 150XLHD CHAMBERS ARE DESIGNED FOR UNDERGROUND STORMWATER MANAGEMENT. THE CHAMBERS MAY BE USED FOR RETENTION, RECHARGING, DETENTION OR CONTROLLING THE FLOW OF ON-SITE STORMWATER RUNOFF.

**CHAMBER PARAMETERS**

- THE CHAMBERS SHALL BE MANUFACTURED BY CULTEC, INC. OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832)
- THE CHAMBER SHALL BE VACUUM THERMOFORMED OF HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE (HDPE) WITH A BLACK INTERIOR AND BLUE EXTERIOR
- THE CHAMBER SHALL BE ARCHED IN SHAPE.
- THE CHAMBER SHALL BE OPEN-BOTTOMED.
- THE CHAMBER SHALL BE JOINED USING AN INTERLOCKING OVERLAPPING RIB METHOD. CONNECTIONS MUST BE FULLY SHOULDERED OVERLAPPING RIBS, HAVING NO SEPARATE COLLARS OR SEPARATE END WALLS.
- THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC RECHARGER 150XLHD SHALL BE 18.5 INCHES (470 mm) TALL, 33 INCHES (838 mm) WIDE AND 11 FEET (3.35 m) LONG. THE INSTALLED LENGTH OF A JOINED RECHARGER 150XLHD SHALL BE 10.25 FEET (3.12 m).
- MAXIMUM INLET OPENING ON THE CHAMBER ENDWALL IS 12 INCHES (300 mm) HDPE OR 15" (375 mm) SMOOTH WALL PVC.
- THE CHAMBER SHALL HAVE TWO SIDE PORTALS TO ACCEPT CULTEC HVLV FC-24 FEED CONNECTORS TO CREATE AN INTERNAL MANIFOLD. THE NOMINAL INSIDE DIMENSIONS OF EACH SIDE PORTAL SHALL BE 6.5 INCHES (165 mm) HIGH BY 12 INCHES (300 mm) WIDE. MAXIMUM ALLOWABLE CUTTER DIAMETER (C.D.) PIPE SIZE INTO THE SIDE PORTAL IS 10.25 INCHES (260 mm).
- THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC HVLV FC-24 FEED CONNECTOR SHALL BE 12 INCHES (300 mm) TALL, 10 INCHES (250 mm) WIDE AND 34.2 INCHES (865 mm) LONG.
- THE NOMINAL STORAGE VOLUME OF THE RECHARGER 150XLHD CHAMBER SHALL BE 2.650 CF/FT (0.246 m<sup>3</sup>/m). THE NOMINAL STORAGE VOLUME OF A JOINED RECHARGER 150XLHD SHALL BE 27.16 CF/FT UNIT (0.77 m<sup>3</sup>/UNIT) WITHOUT STONE.
- THE NOMINAL STORAGE VOLUME OF THE HVLV FC-24 FEED CONNECTOR SHALL BE 0.913 FT<sup>3</sup>/FT (0.086 m<sup>3</sup>/m) WITHOUT STONE.
- THE RECHARGER 150XLHD CHAMBER SHALL HAVE THIRTY DISCHARGE HOLES BORED INTO THE SIDEWALLS OF THE UNITS CORRE TO PROMOTE LATERAL CONVEYANCE OF WATER.
- THE RECHARGER 150XLHD CHAMBER SHALL HAVE 20 CORRUGATIONS.
- THE ENDWALL OF THE CHAMBER WHEN PRESENT, SHALL BE AN INTEGRAL PART OF THE CONTINUOUSLY FORMED UNIT. SEPARATE END PLATES CANNOT BE USED WITH THIS UNIT.
- THE RECHARGER 150XLHD STAND ALONE UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO FULLY FORMED INTEGRAL ENDWALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE ENDWALLS.
- THE RECHARGER 150XLHD STARTER UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY FORMED INTEGRAL ENDWALL AND ONE PARTIALLY FORMED INTEGRAL ENDWALL WITH A LOWER TRANSFER OPENING OF 10 INCHES (254 mm) HIGH X 20.5 INCHES (521 mm) WIDE.
- THE RECHARGER 150XLHD INTERMEDIATE UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY FORMED INTEGRAL ENDWALL AND ONE PARTIALLY FORMED INTEGRAL ENDWALL WITH A LOWER TRANSFER OPENING OF 10 INCHES (254 mm) HIGH X 20.5 INCHES (521 mm) WIDE.
- THE RECHARGER 150XLHD END UNIT MUST BE FORMED AS A WHOLE CHAMBER HAVING ONE FULLY FORMED INTEGRAL ENDWALL AND ONE FULLY OPEN END WALL AND HAVING NO SEPARATE END PLATES OR END WALLS.
- THE HVLV FC-24 FEED CONNECTOR MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO OPEN END WALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS. THE UNIT SHALL FIT INTO THE SIDE PORTALS OF THE RECHARGER 150XLHD AND ACT AS CROSS FEED CONNECTIONS.
- CHAMBERS MUST HAVE HORIZONTAL STIFFENING FLEX REDUCTION STEPS BETWEEN THE RIBS.
- THE CHAMBER SHALL HAVE A RAISED INTEGRAL CAP AT THE TOP OF THE ARCH IN THE CENTER OF EACH UNIT TO BE USED AS AN OPTIONAL INSPECTION PORT OR CLEAN-OUT.
- THE UNITS MAY BE TRIMMED TO CUSTOM LENGTHS BY CUTTING BACK TO ANY CORRUGATION.
- THE CHAMBER SHALL BE MANUFACTURED IN AN ISO 9001:2008 CERTIFIED FACILITY.
- THE CHAMBER SHALL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.
- THE CHAMBER SHALL BE DESIGNED AND MANUFACTURED TO MEET THE MATERIAL AND STRUCTURAL REQUIREMENTS OF AASHTO PG 63-2619, INCLUDING RESISTANCE TO ASH TO H-10 AND H-20 HIGHWAY LIVE LOADS, WHEN INSTALLED IN ACCORDANCE WITH CULTEC'S INSTALLATION INSTRUCTIONS.
- THE CHAMBER SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE SPECIFICATION OF NSAI IRISH AGREEMENT BOARD CERTIFICATE FOR CULTED ATTENUATION AND INFILTRATION.
- MAXIMUM ALLOWED COVER OVER TOP OF UNIT SHALL BE 12 FEET (3.66 m).

**CULTEC HVLV FC-24 FEED CONNECTOR PRODUCT SPECIFICATIONS**

**GENERAL**  
CULTEC HVLV FC-24 FEED CONNECTORS ARE DESIGNED TO CREATE AN INTERNAL MANIFOLD FOR CULTEC RECHARGER 150XLHD STORMWATER CHAMBERS.

**CHAMBER PARAMETERS**

- THE CHAMBERS SHALL BE MANUFACTURED BY CULTEC, INC. OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832)
- THE CHAMBER SHALL BE VACUUM THERMOFORMED OF HIGH MOLECULAR WEIGHT HIGH DENSITY POLYETHYLENE (HDPE) WITH A BLACK INTERIOR AND BLUE EXTERIOR
- THE CHAMBER SHALL BE ARCHED IN SHAPE.
- THE CHAMBER SHALL BE OPEN-BOTTOMED.
- THE NOMINAL CHAMBER DIMENSIONS OF THE CULTEC HVLV FC-24 FEED CONNECTOR SHALL BE 12 INCHES (300 mm) TALL, 10 INCHES (250 mm) WIDE AND 34.2 INCHES (865 mm) LONG.
- THE HVLV FC-24 FEED CONNECTOR SHALL HAVE 3 CORRUGATIONS.
- THE HVLV FC-24 FEED CONNECTOR MUST BE FORMED AS A WHOLE CHAMBER HAVING TWO OPEN END WALLS AND HAVING NO SEPARATE END PLATES OR SEPARATE END WALLS. THE UNIT SHALL FIT INTO THE SIDE PORTALS OF THE CHAMBER RECHARGER 150XLHD AND ACT AS CROSS FEED CONNECTIONS TO CREATE AN INTERNAL MANIFOLD.
- THE CHAMBER SHALL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.
- THE CHAMBER SHALL BE MANUFACTURED IN AN ISO 9001:2008 CERTIFIED FACILITY.

**CULTEC NO. 410\* NON-WOVEN GEOTEXTILE**

CULTEC NO. 410\* NON-WOVEN GEOTEXTILE MAY BE USED WITH CULTEC RECHARGER AND RECHARGER STARTER UNITS TO PROVIDE A BARRIER THAT PREVENTS SOIL INFILTRATION INTO THE CHAMBER.

**GEOTEXTILE PARAMETERS**

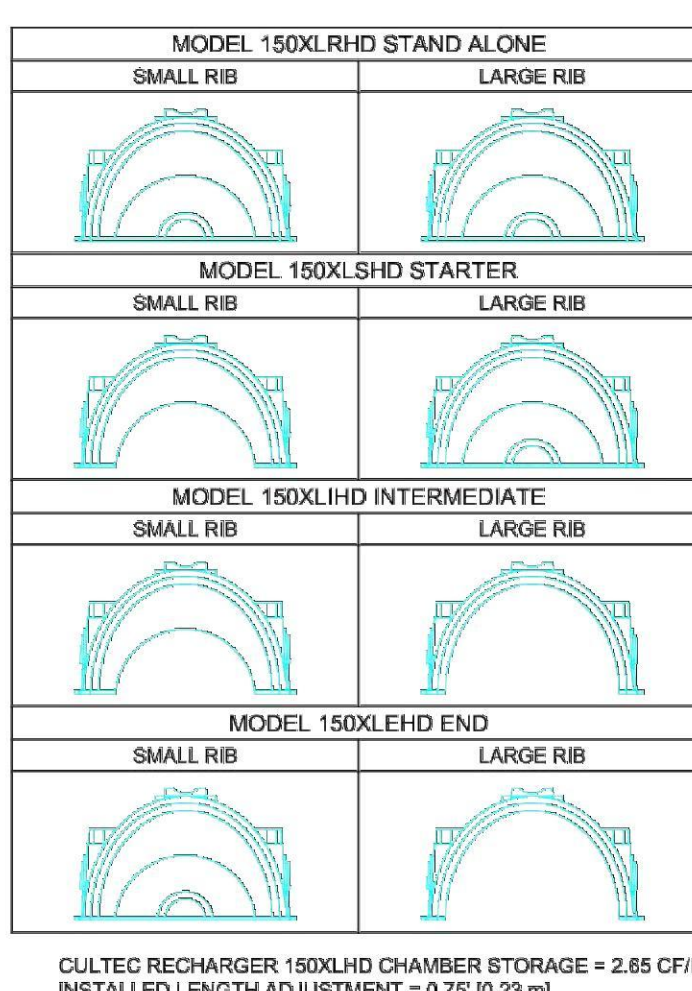
- THE GEOTEXTILE SHALL BE PROVIDED BY CULTEC, INC. OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832)
- THE GEOTEXTILE SHALL BE BLACK IN APPEARANCE.
- THE GEOTEXTILE SHALL HAVE A TENSILE STRENGTH VALUE OF 120 LBS (53.3 N) PER ASTM D4352 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE AN ELONGATION @ BREAK VALUE OF 30% PER ASTM D4352 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A HULLEN BURST VALUE OF 225 PSI (1583 KPA) PER ASTM D3783 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A FRACTURE STRENGTH VALUE OF 65 LBS (289 N) PER ASTM D4833 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A CBR PUNCTURE VALUE OF 340 LB (151.3 N) PER ASTM D6241 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A TRIAXIAL TENSILE VALUE OF 90 LBS (222 N) PER ASTM D4353 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A TENSILE VALUE OF 70 U.S. SIEVE (3.212 MM) PER ASTM D4751 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A PERMITTIVITY VALUE OF 1.7 SEC. 1 PER ASTM D4911 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A WATER FLOW RATE VALUE OF 135 GAL/HOUR (500 L/HOUR) PER ASTM D4911 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A UV STABILITY @ 500 HOURS VALUE OF 70% PER ASTM D4355 TESTING METHOD.

**CULTEC NO. 4800\* WOVEN GEOTEXTILE**

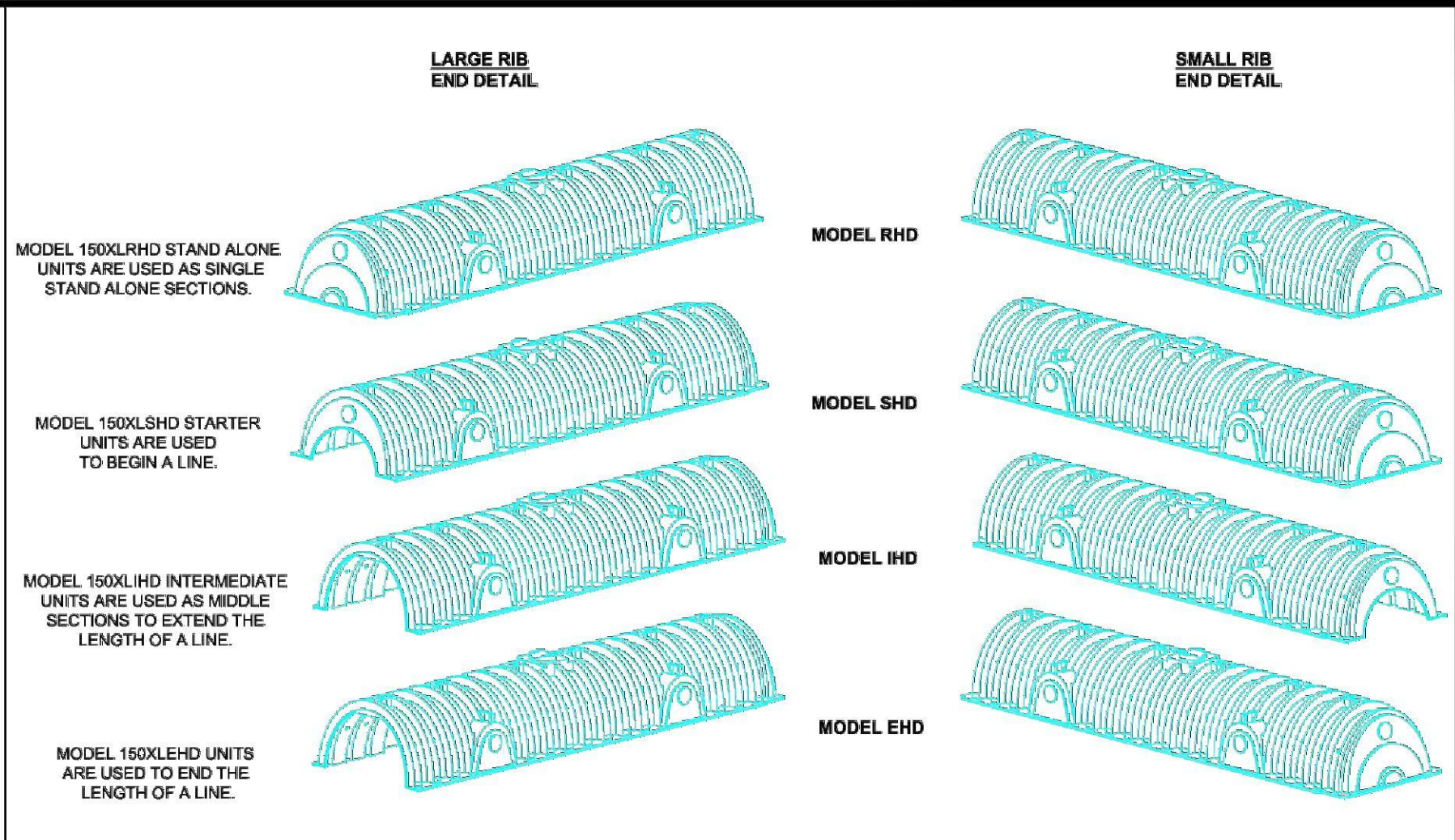
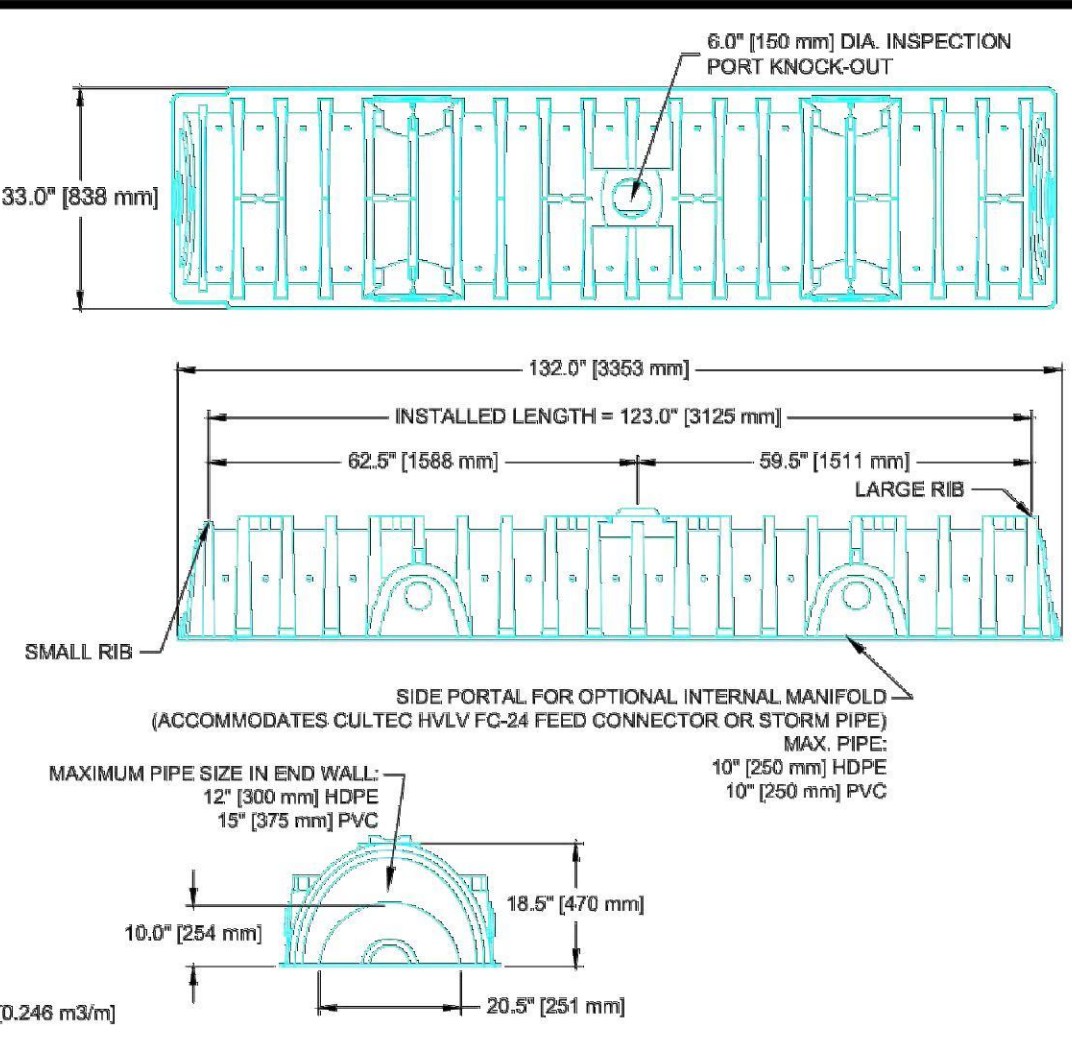
CULTEC NO. 4800\* WOVEN GEOTEXTILE IS DESIGNED AS AN UNDERLAYMENT TO PREVENT SCOURING CAUSED BY WATER MOVEMENT WITHIN THE CULTEC CHAMBERS AND FEED CONNECTORS UTILIZING THE CULTEC MANIFOLD FEATURE. IT MAY ALSO BE USED AS A COMPONENT OF THE CULTEC SEPARATOR ROW TO ACT AS A BARRIER TO PREVENT SOIL/CONTAMINANT INTRUSION INTO THE STONE WHILE ALLOWING FOR MAINTENANCE.

**GEOTEXTILE PARAMETERS**

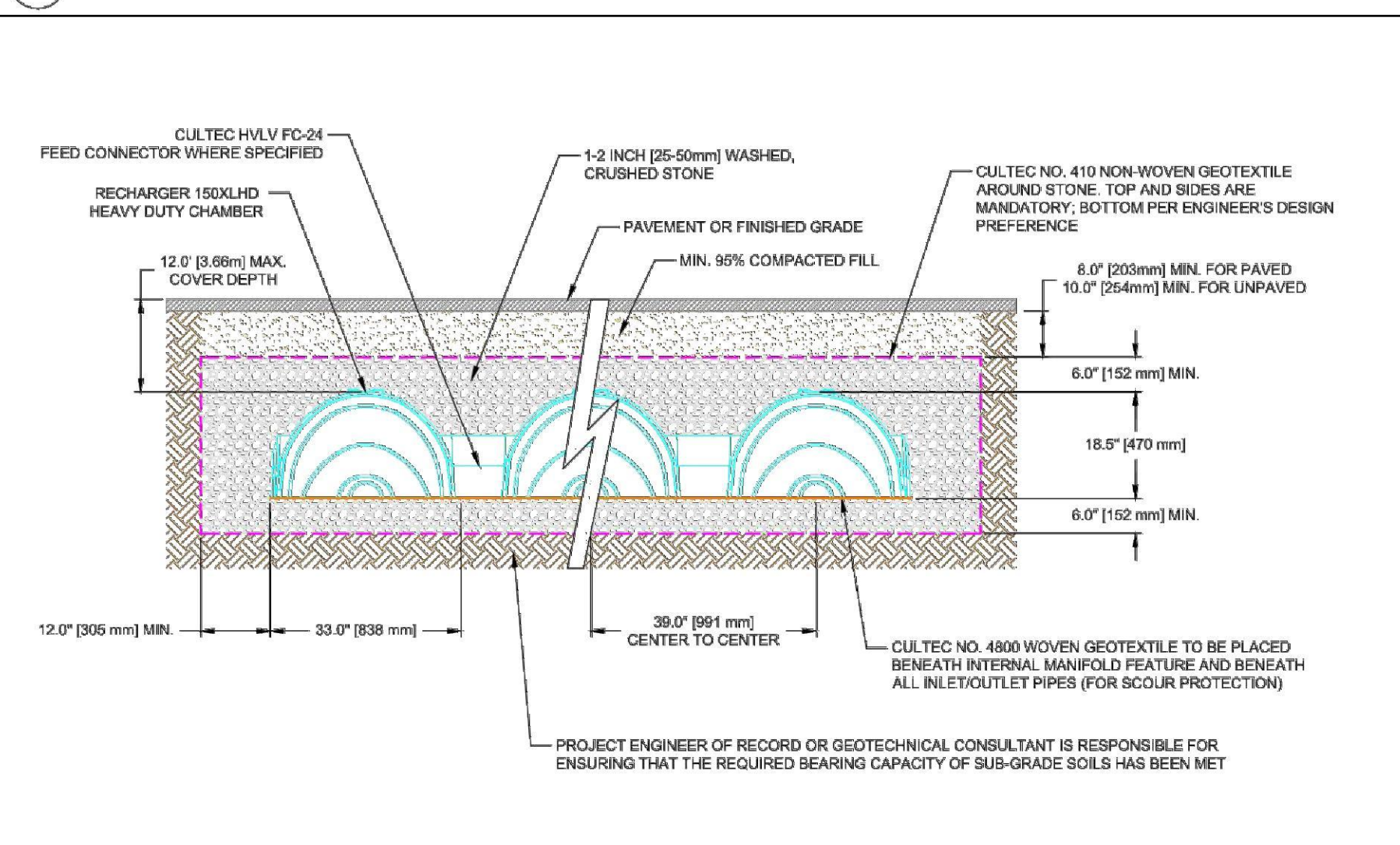
- THE GEOTEXTILE SHALL BE PROVIDED BY CULTEC, INC. OF BROOKFIELD, CT. (203-775-4416 OR 1-800-428-5832)
- THE GEOTEXTILE SHALL BE BLACK IN APPEARANCE.
- THE GEOTEXTILE SHALL HAVE A TENSILE STRENGTH OF 550 X 550 LBS (2,448 X 2,448 N) PER ASTM D4352 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE AN ELONGATION @ BREAK RESISTANCE OF 20 X 20% PER ASTM D4352 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE OF 5,070 LBS/FT (74 X 74 KN/M) PER ASTM D4955 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE @ 2% STRAIN OF 960 X 1,096 LBS/FT (14 X 16 KN/M) PER ASTM D4955 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE @ 5% STRAIN OF 2,740 X 3,740 LBS/FT (40 X 40 KN/M) PER ASTM D4955 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A WIDE WIDTH TENSILE RESISTANCE @ 10% STRAIN OF 4,800 X 4,800 LBS/FT (70 X 70 KN/M) PER ASTM D4955 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A CBR PUNCTURE RESISTANCE OF 1,700 LBS (7,580 N) PER ASTM D6241 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A TRIAXIAL TENSILE RESISTANCE OF 180 X 180 LBS (801 X 801 N) PER ASTM D4353 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE AN APPARENT OPENING SIZE OF 40 US. SIEVE (0.425 MM) PER ASTM D4751 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A PERMITTIVITY RATING OF 0.15 SEC. 1 PER ASTM D4911 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A WATER FLOW RATING OF 11.5 GPM/FT (470 LPM/90) PER ASTM D4911 TESTING METHOD.
- THE GEOTEXTILE SHALL HAVE A UV RESISTANCE OF 80% @ 500 HRS. PER ASTM D4355 TESTING METHOD.



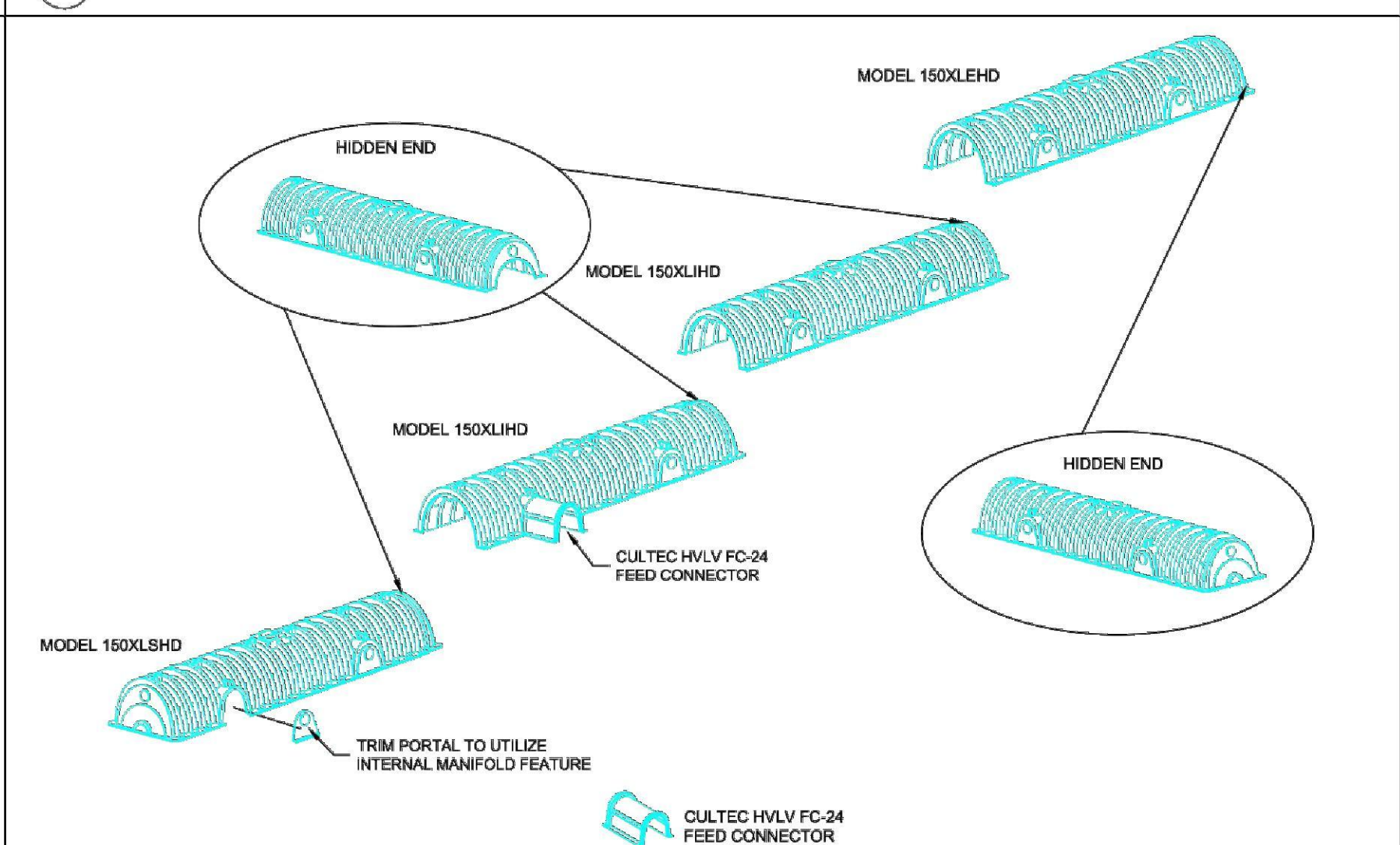
**CULTEC RECHARGER 150XLHD HEAVY DUTY THREE VIEW**



**CULTEC RECHARGER 150XLHD HEAVY DUTY END DETAIL INFORMATION**

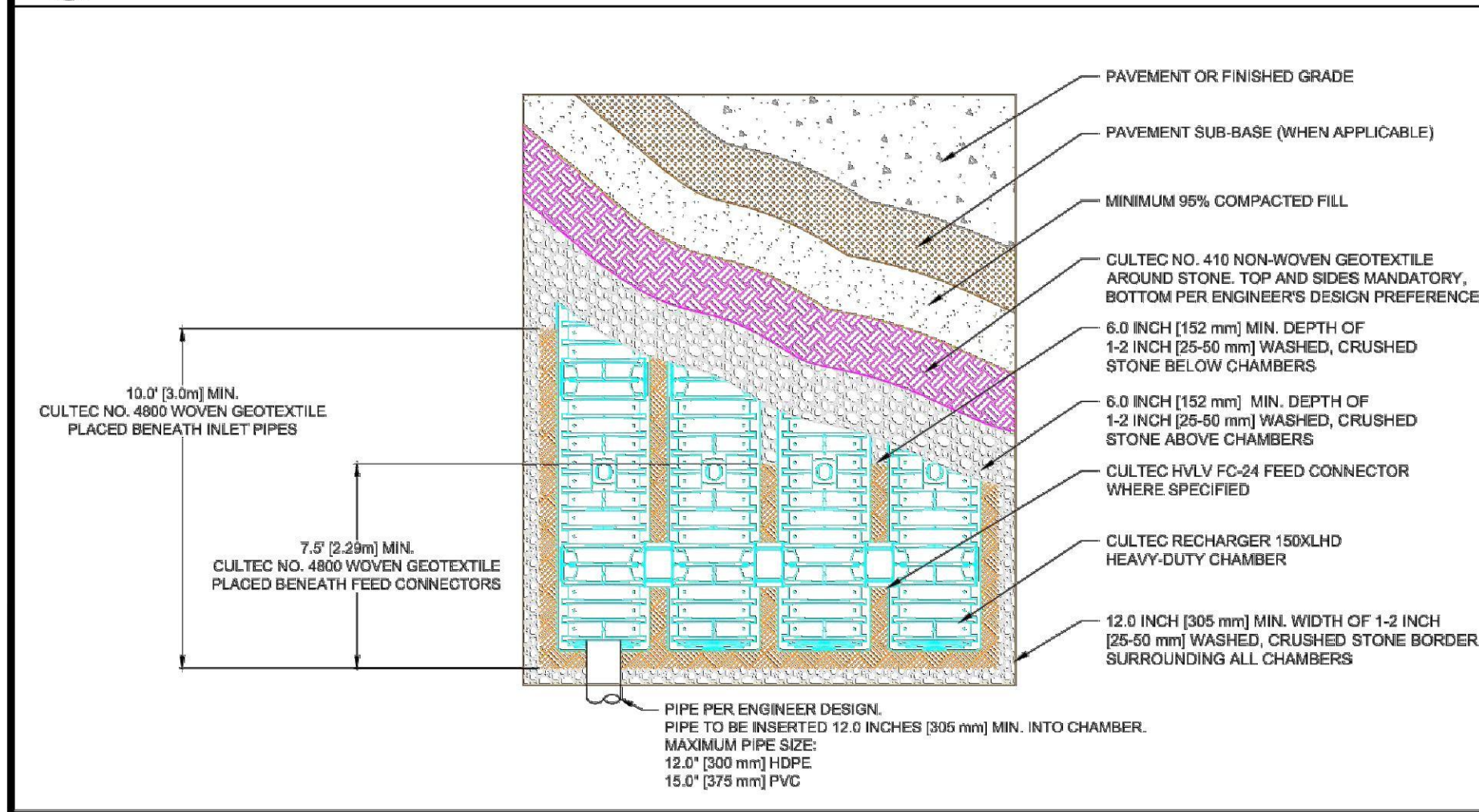


**CULTEC RECHARGER 150XLHD HEAVY DUTY CROSS SECTION**

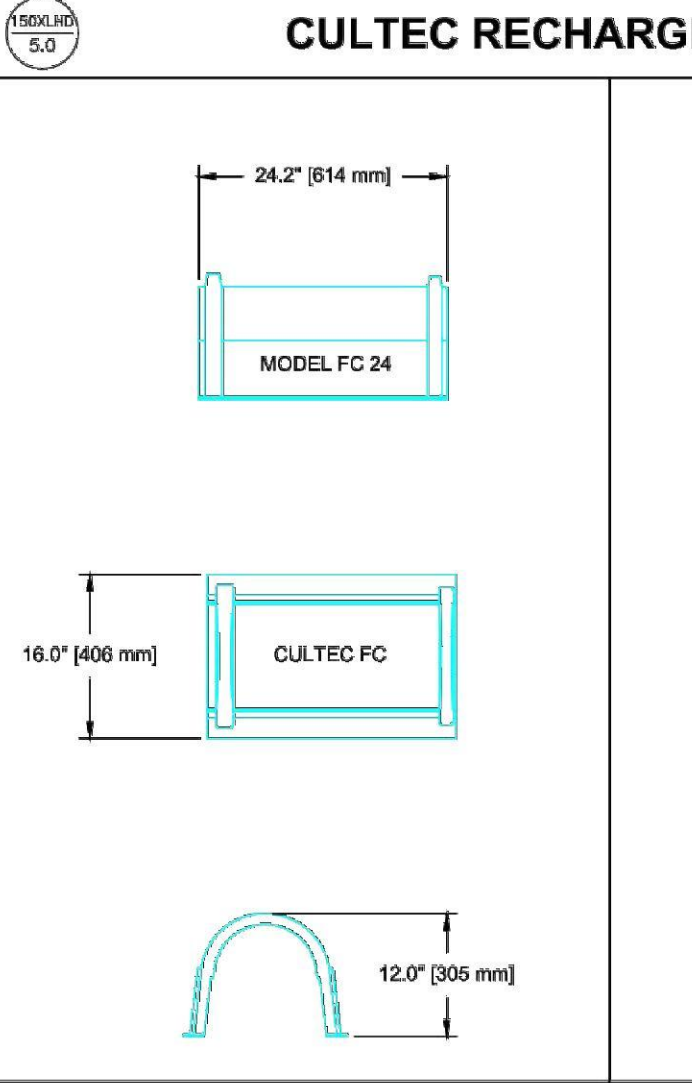


**CULTEC RECHARGER 150XLHD HEAVY DUTY TYPICAL INTERLOCK**

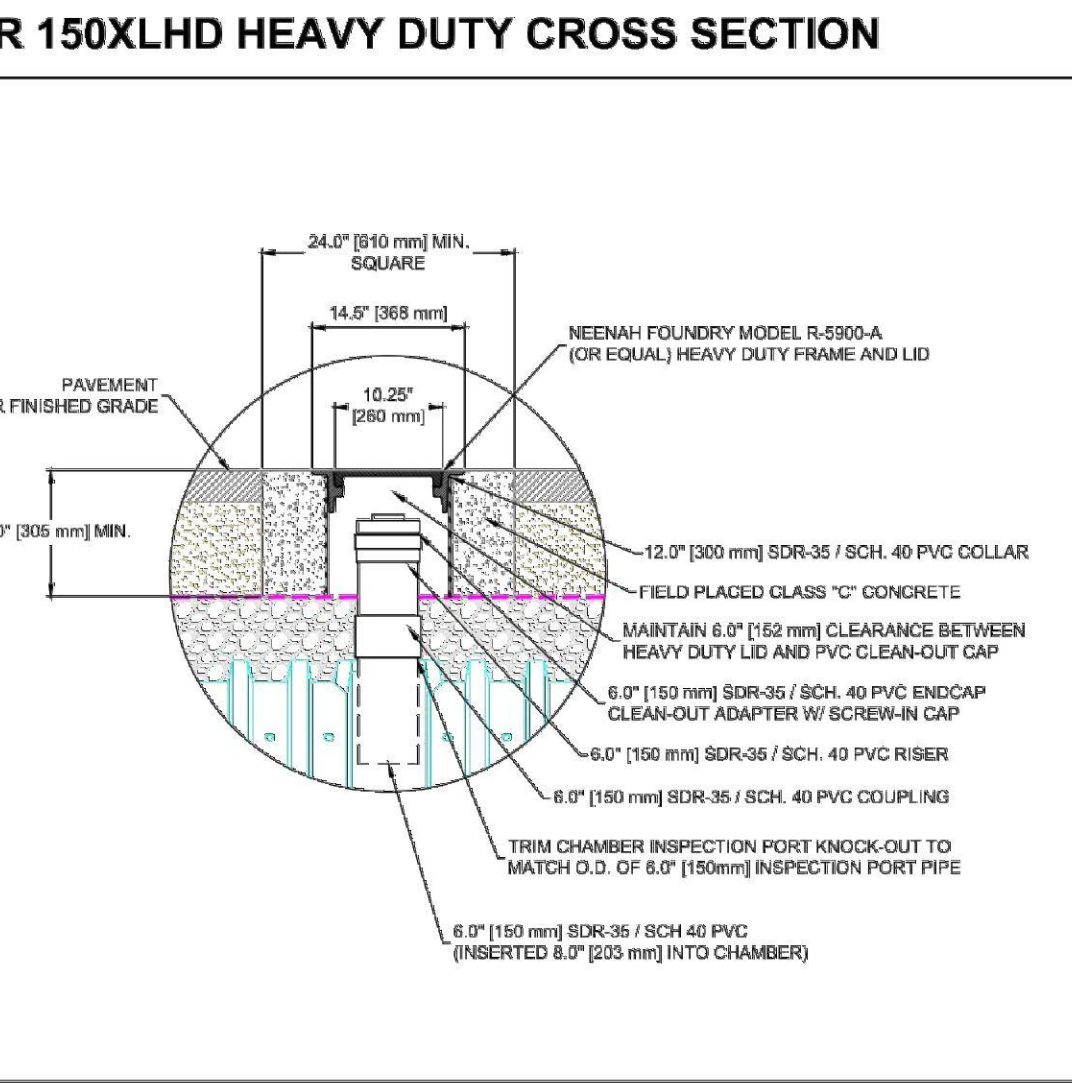
**GENERAL NOTES**



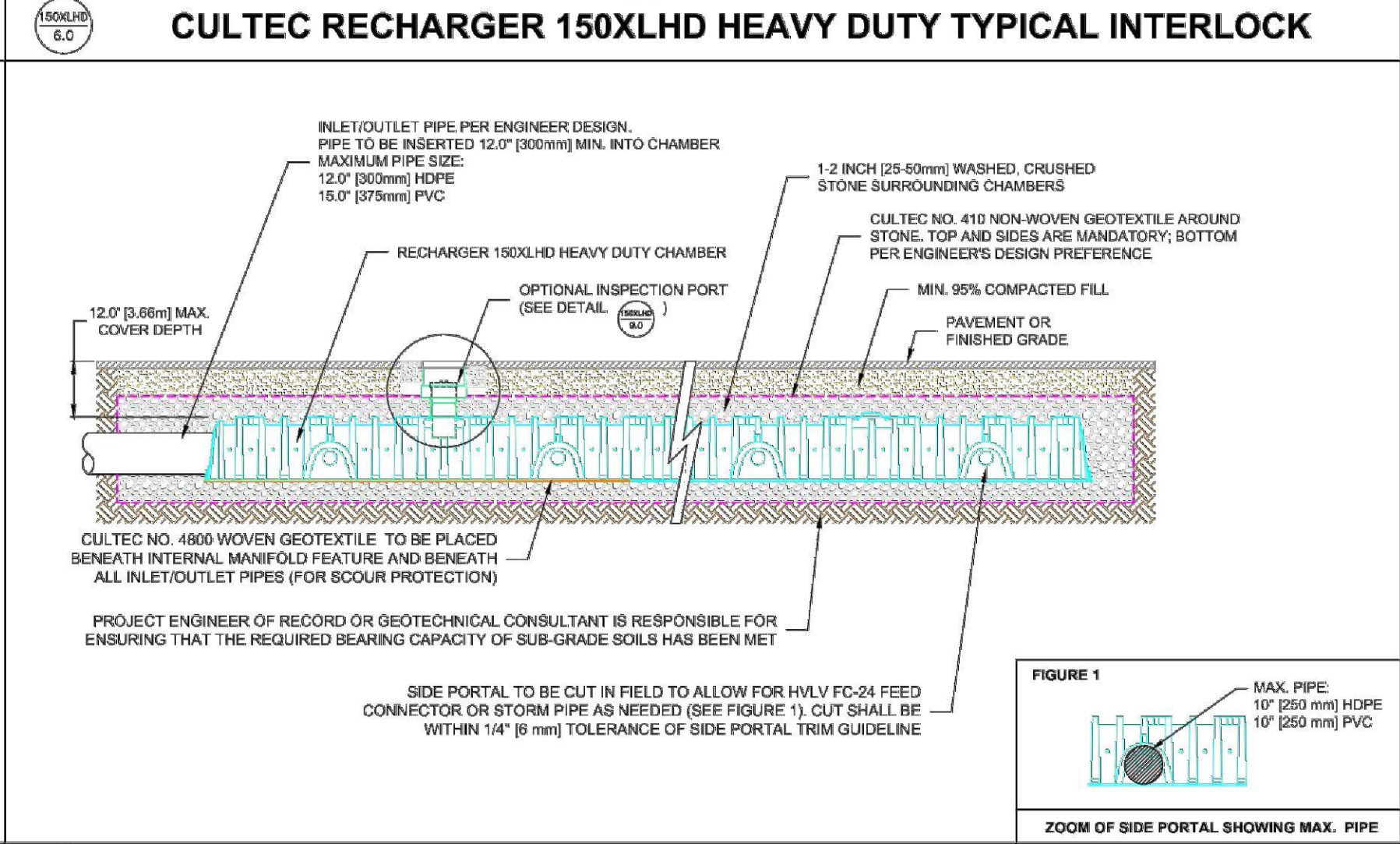
**CULTEC RECHARGER 150XLHD HEAVY DUTY PLAN VIEW**



**CULTEC HVLV FC-24 FEED CONNECTOR THREE VIEW**



**OPTIONAL INSPECTION PORT - ZOOM DETAIL**



**CULTEC INTERNAL MANIFOLD - OPTIONAL INSPECTION PORT DETAIL**

**CULTEC, Inc.**  
Subsurface Stormwater Management Systems  
P.O. Box 280  
878 Federal Road  
Brookfield, CT 06804  
www.cultec.com

PH: (203) 775-4416  
PH: (800) 4-CULTEC  
FX: (203) 775-1462  
tech@cultec.com

THIS DRAWING WAS PREPARED TO SUPPORT THE DESIGN ENGINEER FOR THE PROPOSED SYSTEM. IT IS THE ULTIMATE RESPONSIBILITY OF THE DESIGN ENGINEER TO ASSURE THAT THE STORMWATER SYSTEM'S DESIGN IS IN FULL COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ENSURE THAT THE CULTEC PRODUCTS ARE DESIGNED IN ACCORDANCE WITH CULTEC'S MINIMUM REQUIREMENTS. CULTEC INC. DOES NOT APPROVE PLANS, SIZING, OR SYSTEM DESIGNS. THE DESIGNING ENGINEER IS RESPONSIBLE FOR ALL DESIGN DECISIONS.

**RECHARGER 150XLHD  
DETAIL SHEET  
TRAFFIC APPLICATION**

| CULTEC STORMWATER CHAMBER |                  |
|---------------------------|------------------|
| PROJECT NO:               | DATE: 2019       |
| DESIGNED BY: CULTEC, INC  | DRAWN BY: TECH   |
| SCALE: N.T.S.             | SHEET NO: 1 OF 1 |

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| ISSUED FOR           |  |
|----------------------|--|
| PRELIMINARY DRAWING  |  |
| FOR OWNER'S REVIEW   |  |
| FOR BIDDING PURPOSES |  |
| FOR BUILDING DEPT.   |  |
| FOR CONSTRUCTION     |  |
| AS BUILT DRAWINGS    |  |

| REVIEWS |          | PLOTTED: 7/6/2023   |
|---------|----------|---------------------|
| NO.     | DATE     | DESCRIPTION         |
| 1.      | 07.05.23 | D.O.B. RESUBMISSION |

|             |            |
|-------------|------------|
| PROJECT NO. | 2020272    |
| DATE        | 02/22/2023 |
| SCALE       | AS NOTED   |
| DRAWN BY    | R.H.       |

**MARK ANTHONY ARCHITECTS & PLANNERS**  
ARCHITECTURE DESIGN

(516) 409 - 1900  
1563 BELLMORE AVE.  
N.BELLMORE, NY 11710

SEAL:

LIC # 031737-1  
MARK ANTHONY MUNISTERI, R.A.  
1563 BELLMORE AVE. BELLMORE NY, 11710

**CULTEC  
DETAILS &  
SPECS.**

PROJECT:  
**PAGAN RESIDENCE**  
95 PRIMROSE DRIVE,  
NEW HYDE PARK, NY 11040

D.O.B. ID#  
**RBP#23-000240**

DRAWING No.  
**A2.00**



# GENERAL NOTES

THE ARCHITECT OF RECORD HAS BEEN RETAINED ONLY FOR THE PURPOSE OF FILING THE PLANS TO OBTAIN A PERMIT AND HAS NOT BEEN RETAINED FOR ANY SUPERVISION OR OBSERVATION OF THE WORK, AND HIS RESPONSIBILITY IS LIMITED TO THE ACCURACY OF THE PLANS. THESE DRAWINGS ARE FOR BUILDING DEPT. USE ONLY.

NOTED DIMENSIONS SHALL TAKE PRECEDENCE OVER THOSE SCALED.

ANY OMISSIONS OR CHANGES IN THESE DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO ALL CONSTRUCTION AND/OR INSTALLATIONS BY THE CONTRACTOR.

THE CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD.

THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITY PIPING PRIOR TO THE PROPOSED CONSTRUCTION EXCAVATION.

THE CONTRACTOR SHALL BRACE, SHORE, REINFORCE, AND/OR UNDERPIN ALL NEIGHBORING STRUCTURES AS REQUIRED FOR SAFE OPERATION.

ALL SITE DEVELOPMENT INCLUDING RETAINING WALLS, SIDEWALKS, PLANTINGS, ETC. BY OTHERS.

ALL LABOR, MATERIALS, AND CONSTRUCTION SHALL COMPLY WITH ALL RULES, REGULATIONS, CODES, AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE WORK DESIGN CRITERIA:

- BUILDING CODE OF NEW YORK STATE (2020)
- RESIDENTIAL CODE OF NEW YORK STATE (2020)
- EXISTING BUILDING CODE OF NEW YORK STATE (2020)
- PLUMBING CODE OF NEW YORK STATE (2020)
- FIRE CODE OF NEW YORK STATE (2020)
- ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK (2020)
- WOOD FRAME CONSTRUCTION MANUAL FOR ONE-AND TWO FAMILY DWELLINGS (2018)
- FUEL GAS CODE OF NEW YORK STATE (2020)
- PROPERTY MAINTENANCE CODE OF NEW YORK STATE (2020)
- NFPA 70: NATIONAL ELECTRIC CODE (NEC) 2017
- MECHANICAL CODE OF NEW YORK STATE (2020)

ALL LUMBER TO BE AMERICAN STANDARD SIZES. ALL STRUCTURAL \* DOUGLAS FIR-LARCH LUMBER #2.

A MINIMUM OF ONE 5/8" ANCHOR BOLT SHALL BE PROVIDED WITHIN 6" - 12" OF EACH END PLATE, AND HAVE A MINIMUM EMBEDMENT OF 7" IN CONC. FOUNDATIONS AND SLABS ON GRADE OR 7" IN MASONRY BLOCK FOUNDATIONS WHEN RESISTING LATERAL AND SHEAR LOADS ONLY. ALSO 3" SQUARE WASHERS SHALL BE USED ON ALL ANCHOR BOLTS WITH THE ANCHOR BOLTS SPACING NOT TO EXCEED THE REQUIREMENTS SPECIFIED IN TABLE 3.2C.

LUMBER TO BE GRADE MARKED PRIOR TO DELIVERY TO SITE, SUBJECT TO INSPECTION.

DOUBLE STUDS AT ALL OPENINGS IN THE EXTERIOR AND BEARINGS WALLS, DOUBLE ALL JOISTS, HEADERS AND TRIMMERS AROUND ALL OPENINGS AND UNDER ALL PARTITIONS. USE TECO HANGERS OR CONNECTORS WHERE REQUIRED (OR APPROVED EQUAL).

ALL HEADERS TO BE MIN. (2) 2 X 10 UNLESS OTHERWISE NOTED.

ALL GLAZING SHALL BE INSULATED, HIGH-PERFORMANCE GLASS (U0=33), UNLESS OTHERWISE NOTED. PROVIDE MIN. 1" X 2 1/2" (ACTUAL SIZE) MITERED CROSS BRIDGING MAX. 8'-0" O.C. FOR FLOOR JOINTS OR EQUIVALENT METAL BRIDGING.

ALL INTERIOR PARTITIONS TO BE 2 X 4 WOOD STUDS, @ 16" O.C. WITH GYPSUM BOARD BOTH SIDES. DOUBLE-UP FLOOR JOISTS UNDER PARTITIONS RUNNING PARALLEL.

GYPSUM BOARD TO BE 1/2" TAPERED EDGE "SHEET ROCK", TAPED AND SPACKLED (3 COATS), OR EQUAL, UNLESS OTHERWISE NOTED ON DRAWINGS.

PROVIDE FLASHING AT ALL ROOF, WALL, OR OTHER INTERSECTIONS, OVER HEADS OF ALL OPENINGS AND UNDER SILLS OF ALL WINDOWS AND DOORS. CAULK ALL JOINTS EXPOSED TO WEATHER.

ROOF COVERING SHALL BE CLASSIFIED AS TYPE A OR B. ALL STRUCTURAL STEEL SHALL BE MIN. 36,000 PSI.

ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICIAN AND INSPECTED BY THE BOARD OF FIRE UNDERWRITERS AS PER THE NEC.

SINGLE STATION SMOKE & CARBON MONOXIDE DETECTING DEVICE TO BE INSTALLED ADJACENT TO SLEEPING AREAS ON EACH FLOOR LEVEL AND SHALL BE LOCATED ON OR NEAR CEILING.

ALL PLUMBING TO BE INSTALLED BY A LICENSED PLUMBER IN ACCORDANCE WITH THE APPLICABLE RESIDENTIAL CODE OF NEW YORK STATE, PLUMBING CODE OF NEW YORK STATE. (2020)

CURBS, CURB CUTS, AND PAVING MUST CONFORM WITH ALL REGULATIONS AND REQUIREMENTS OF THE DEPARTMENT OF PUBLIC WORKS.

## LEGEND

- PARTITION TO REMAIN
- PARTITION TO BE REMOVED
- NEW PARTITION
- CONCRETE
- INSULATION
- DIM. LUMBER
- GRAVEL
- UNDISTURBED EARTH
- MECHANICAL VENTILATION (VENTED TO OUTSIDE AIR)
- EXISTING SWING DOOR
- NEW SWING DOOR
- COMBINATION SMOKE AND CARBON MONOXIDE DETECTOR
- SMOKE DETECTOR

**TABLE R403.1(1)**  
MINIMUM WIDTH OF CONCRETE OR MASONRY FOOTINGS (INCHES)

| 8" SOLID CONCRETE OR MASONRY, OR FULLY GROUTED MASONRY | LOAD-BEARING VALUE OF SOIL (PSF) |       |       |         |
|--------------------------------------------------------|----------------------------------|-------|-------|---------|
|                                                        | 1,500                            | 2,000 | 3,000 | ≥ 4,000 |
| 1 STORY                                                | 16"                              | X     | X     | X       |

**TABLE R401.4.1**  
PRESUMPTIVE LOAD-BEARING VALUES OF FOUNDATION MATERIALS

| CLASS OF MATERIAL                                                                  | LOAD-BEARING PRESSURE (POUNDS PER SQUARE FOOT) |
|------------------------------------------------------------------------------------|------------------------------------------------|
| CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT, SILT AND SANDY SILT (CI, ML, MH and CH) | 1,500                                          |

**TABLE R402.2**  
MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE

| TYPE OR LOCATIONS OF CONCRETE CONSTRUCTION                                                            | MIN. SPECIFIED COMPRESSIVE STRENGTH OF CONG. (f'c) |          |                      |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------|----------------------|
|                                                                                                       | WEATHERING POTENTIAL (SEE TABLE 301.2(1))          |          |                      |
|                                                                                                       | NEGLIGIBLE                                         | MODERATE | SEVERE               |
| BASEMENT WALLS, FOUNDATIONS & OTHER CONCRETE NOT EXPOSED TO THE WEATHER                               | X                                                  | X        | 2,500 <sup>c</sup>   |
| BASEMENT (CELLAR) SLABS AND INTERIOR SLABS ON GRADE, EXCEPT GARAGE FLOOR SLAB                         | X                                                  | X        | 2,500 <sup>c</sup>   |
| BASEMENT WALLS, FOUNDATION WALLS, EXTERIOR WALLS AND OTHER VERTICAL CONC. WORK EXPOSED TO THE WEATHER | X                                                  | X        | 3,000 <sup>d</sup>   |
| PORCHES, CARPORT SLABS AND STEPS EXPOSED TO THE WEATHER, AND GARAGE FLOOR SLABS                       | X                                                  | X        | 3,500 <sup>d,e</sup> |

- FOR 9x: 1 POUND PER SQUARE INCH = 6.895 kPa.  
 (a) AT 28 DAYS FSI  
 (b) SEE TABLE R301.2(1) FOR WEATHERING POTENTIAL  
 (c) CONC. 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% OR MORE THAN 7%  
 (e) SEE SECTION R402.2 FOR MINIMUM CEMENT CONTENT

**TABLE 3.2B (WFCM 2018)**  
BOTTOM PLATE TO FOUNDATION CONNECTIONS (ANCHOR BOLTS) RESISTING LATERAL & SHEAR LOADS FROM WIND-EXPOSURE B

| BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING | FOUNDATION SUPPORTING | MAXIMUM ANCHOR BOLT SPACING (in.) <sup>1,2,3,4</sup> |                                         |
|-------------------------------------------------------------|-----------------------|------------------------------------------------------|-----------------------------------------|
|                                                             |                       | LATERAL AND SHEAR LOADS                              | FOR EXPOSURES B & C AND ALL WIND SPEEDS |
|                                                             | 1 - 3 STORIES         | 1/2" ANCHOR BOLTS                                    | 31                                      |
|                                                             | 1 - 3 STORIES         | 5/8" ANCHOR BOLTS                                    | 48                                      |

- <sup>1</sup> PRESCRIPTIVE LIMITS ARE BASED ON ASSUMPTIONS IN TABLE 3.2  
<sup>2</sup> WHEN ANCHOR BOLTS ARE USED TO RESIST UPLIFT, LATERAL, AND SHEAR LOADS, THE MAXIMUM ANCHOR BOLT SPACING SHALL NOT EXCEED THE LESSER OF THE TABULATED VALUES FOR UPLIFT LOADS (TABLE 3.2C) OR LATERAL AND SHEAR LOADS (TABLE 3.2B) FOR OTHER ANCHOR BOLT LIMITATIONS SEE SECTION 3.2  
<sup>3</sup> TABULATED ANCHOR BOLT SPACING FOR LATERAL AND SHEAR LOADS ASSUME WALLS ARE SHEATHED IN ACCORDANCE WITH SECTION 3.4.4.2. FOR OTHER WALL SHEATHING TYPES THE TABULATED ANCHOR BOLT SPACING SHALL BE MULTIPLIED BY THE APPROPRIATE SHEATHING TYPE ADJUSTMENT FACTOR IN TABLE 3.17D, BUT IN NO CASE SHALL ANCHOR BOLT SPACING EXCEED 6 FEET ON CENTER.  
<sup>4</sup> FOR THREE SECOND GUST WIND SPEEDS GREATER THAN 110 MPH, WITH A TABULATED LATERAL VALUE FROM TABLE 3.5 GREATER THAN 262 psf, LATERAL CONNECTIONS SHALL BE DETERMINED USING THE LOADS FROM TABLE 3.5

**TABLE 3.2C (WFCM 2018)**  
SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS (ANCHOR BOLTS) RESISTING UPLIFT LOADS FROM WIND-EXPOSURE B

| BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING | PLATE SIZE | FOUNDATION SUPPORTING | 700-YR. 3 SECOND GUST WIND SPEED (MPH) |    |     |     |     |     |     |     |     |     |     |     |     |     |    |  |  |
|-------------------------------------------------------------|------------|-----------------------|----------------------------------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|--|--|
|                                                             |            |                       | 90                                     | 95 | 100 | 105 | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 195 |    |  |  |
| UPLIFT LOADS                                                | 2 x 4      | 1 - 3 STORIES         | 8' END ZONES                           | 72 | 72  | 72  | 72  | 72  | 72  | 71  | 57  | 43  | 35  | 30  | 27  | 24  | 22 |  |  |
|                                                             |            | 1 - 3 STORIES         | INTERIOR ZONES                         | 72 | 72  | 72  | 72  | 72  | 72  | 72  | 66  | 50  | 41  | 35  | 31  | 28  | 26 |  |  |
|                                                             | 2 x 6      | 1 - 3 STORIES         | 8' END ZONES                           | 72 | 72  | 72  | 72  | 72  | 72  | 72  | 68  | 51  | 42  | 36  | 32  | 29  | 26 |  |  |
|                                                             |            | 1 - 3 STORIES         | INTERIOR ZONES                         | 72 | 72  | 72  | 72  | 72  | 72  | 72  | 72  | 60  | 49  | 42  | 37  | 34  | 31 |  |  |

- <sup>1</sup> PRESCRIPTIVE LIMITS ARE BASED ON ASSUMPTIONS IN TABLE 3.2  
<sup>2</sup> WHEN ANCHOR BOLTS ARE USED TO RESIST UPLIFT, LATERAL, AND SHEAR LOADS, THE MAXIMUM ANCHOR BOLT SPACING SHALL NOT EXCEED THE LESSER OF THE TABULATED VALUES FOR UPLIFT LOADS (TABLE 3.2C) OR LATERAL AND SHEAR LOADS (TABLE 3.2B) FOR OTHER ANCHOR BOLT LIMITATIONS SEE SECTION 3.2.1.7 AND 3.2.2.3

**TABLE R703.3(1)**  
WEATHER RESISTANT SIDING ATTACHED AND MIN. THICKNESS

| SIDING MATERIAL | NOMINAL THICKNESS (INCHES) | JOINT TREATMENT | SHEATHING PAPER REQUIRED | WOOD OR WOOD STRUCTURAL PANEL SHEATHING | FIBERBOARD SHEATHING INTO STUD | GYPSUM SHEATHING INTO STUD  | DIRECT TO STUDS | NUMBER OR SPACING OF FASTENERS |
|-----------------|----------------------------|-----------------|--------------------------|-----------------------------------------|--------------------------------|-----------------------------|-----------------|--------------------------------|
| VINYL SIDING*   | 0.035                      | LAP             | NO                       | 0.120 NAIL 1 1/2" STAPLE-1 3/8"         | 0.120 NAIL 2" STAPLE-2 1/2"    | 0.120 NAIL 2" STAPLE-2 1/2" | NOT ALLOWED     | SAME AS STUD SPACING           |

\*VINYL SIDING SHALL COMPLY WITH ASTM D3679

**TABLE R702.3.5**  
MINIMUM THICKNESS AND APPLICATION OF GYPSUM BOARD

| THICKNESS OF GYPSUM BOARD (INCHES) | APPLICATION | ORIENTATION OF GYPSUM BOARD TO FRAMING | MAX. SPACING OF FRAMING MEMBERS | MAX. SPACING OF FASTENERS |        | SIZE OF NAILS FOR APPLICATION TO WOOD FRAMING                                                                                                                                                              |
|------------------------------------|-------------|----------------------------------------|---------------------------------|---------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    |             |                                        |                                 | NAILS                     | SCREWS |                                                                                                                                                                                                            |
| 1/2                                | CEILING     | EITHER DIRECTION                       | 16                              | 7                         | 12     | 13 GAGE, 1 1/2" LONG, 1 1/4" HEAD; 0.098 DIAMETER, 1 1/2" LONG, ANNULAR-RINGED; 5d COOLER NAIL, 0.086 DIAMETER, 1 1/2" LONG, 1 1/4" HEAD; OR GYPSUM BOARD NAIL, 0.0915 DIAMETER, 1 1/2" LONG, 1 1/4" HEAD. |
|                                    | WALL        | EITHER DIRECTION                       | 16                              | 8                         | 16     |                                                                                                                                                                                                            |

CODE R702.3.1 RCNYS-GYPSUM BOARD  
 ALL GYPSUM BOARD MATERIALS AND ACCESSORIES SHALL CONFORM TO ASTM C22, C475, C514, C1002, C1047, C1177, C1178, C1278, C1396, C1658 OR C1786 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS SECTION. ADHESIVES FOR THE INSTALLATION OF GYPSUM BOARD AND GYPSUM PANEL PRODUCTS SHALL CONFORM TO ASTM C557.

**TABLE R301.5 ALSO NOTED SECTION R301.5**  
MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS (IN POUNDS PER SQUARE FOOT)

| USE                                           | LIVE LOAD          | DEAD LOAD: R301.4                                                                                                                                         |
|-----------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| UNINHABITABLE ATTICS WITHOUT STORAGE          | 10                 | THE ACTUAL WEIGHTS OF MATERIALS AND CONSTRUCTION SHALL BE USED FOR DETERMINING DEAD LOAD WITH CONSIDERATION FOR THE DEAD LOAD OF FIXED SERVICE EQUIPMENT. |
| UNINHABITABLE ATTICS WITH LIMITED STORAGE     | 20                 |                                                                                                                                                           |
| HABITABLE ATTICS AND SERVED WITH FIXED STAIRS | 30                 |                                                                                                                                                           |
| EXTERIOR BALCONIES AND DECKS                  | 40                 |                                                                                                                                                           |
| FIRE ESCAPES                                  | 40                 |                                                                                                                                                           |
| GUARD RAILS AND HANDRAILS                     | 200 <sup>(h)</sup> |                                                                                                                                                           |
| GUARD RAILS IN-FILL COMPONENTS                | 50 <sup>(h)</sup>  |                                                                                                                                                           |
| PASSENGER VEHICLE GARAGES                     | 50 <sup>(a)</sup>  |                                                                                                                                                           |
| ROOMS OTHER THAN SLEEPING ROOM                | 40                 |                                                                                                                                                           |
| SLEEPING ROOMS                                | 30                 |                                                                                                                                                           |
| STAIRS                                        | 40 <sup>(c)</sup>  |                                                                                                                                                           |

FOR 9x: 1 POUND PER SQUARE FOOT = 0.0479 kN/m<sup>2</sup>, 1 SQUARE INCH = 645 mm<sup>2</sup>, 1 POUND = 4.45 N  
 (a) (b) (c) (d) (e) (f) (g) (h) SEE (RCNYS 2020)

**TABLE R301.7 ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS** (b) (c)

| STRUCTURAL MEMBER                                                                     | ALLOWABLE DEFLECTION |
|---------------------------------------------------------------------------------------|----------------------|
| RAFTERS HAVING SLOPES GREATER THAN 3/12 WITH FINISHED CEILING NOT ATTACHED TO RAFTERS | L/180                |
| INTERIOR WALLS AND PARTITIONS                                                         | H/180                |
| FLOORS                                                                                | L/360                |
| CEILINGS WITH BRITTLE FINISHES (INCLUDING PLASTER AND STUCCO)                         | L/360                |
| CEILINGS WITH FLEXIBLE FINISHES (INCLUDING GYPSUM BOARD)                              | L/240                |
| ALL OTHER STRUCTURAL MEMBERS                                                          | L/240                |
| EXTERIOR WALLS - WIND LOADS <sup>a</sup> WITH PLASTER OR STUCCO FINISHES              | H/360                |
| EXTERIOR WALLS - WIND LOADS <sup>a</sup> WITH OTHER BRITTLE FINISHES                  | H/240                |
| EXTERIOR WALLS - WIND LOADS <sup>a</sup> WITH FLEXIBLE FINISHES                       | L/120 <sup>d</sup>   |
| LINTELS SUPPORTING MASONRY VENEER WALLS <sup>e</sup>                                  | L/600                |

- L = SPAN LENGTH, H = SPAN HEIGHT  
 (a) FOR THE PURPOSE OF THE DETERMINING DEFLECTION LIMITS HEREIN, THE WIND LOAD SHALL BE PERMITTED TO BE TAKEN AS 0.7 TIMES THE COMPONENT AND CLADDING (ASD) LOADS OBTAINED FROM TABLE R301.2(2)  
 (b) FOR CANTILEVER MEMBERS, L SHALL BE TAKEN AS TWICE THE LENGTH OF THE CANTILEVER  
 (c) FOR ALUMINUM STRUCTURAL MEMBERS OR PANELS USED IN ROOFS OR WALLS OF SUNROOM ADDITIONS OR PATIO COVERS, NOT SUPPORTING EDGE OF GLASS, THE TOTAL LOAD DEFLECTION SHALL NOT EXCEED L/175 FOR EACH GLASS LITE OR L/60 FOR THE ENTIRE LENGTH OF THE MEMBER, WHICHEVER IS MORE STRINGENT. FOR SANDWICH PANELS USED IN ROOFS OR WALLS OF SUNROOM ADDITIONS OR PATIO COVERS, THE TOTAL LOAD DEFLECTION SHALL NOT EXCEED L/120  
 (d) DEFLECTION FOR EXTERIOR WALLS WITH INTERIOR GYPSUM BOARD FINISH SHALL BE LIMITED TO AN ALLOWABLE DEFLECTION OF H/180  
 (e) REFER TO SECTION R703.8.2

**SECTION R301.2.2.2 WEIGHTS OF MATERIALS**

| USE                                          | DEAD LOAD |
|----------------------------------------------|-----------|
| EXTERIOR LIGHT FRAME WOOD WALLS              | 15 psf    |
| EXTERIOR LIGHT FRAME COLD-FORMED STEEL WALLS | 14 psf    |
| INTERIOR LIGHT FRAME WOOD WALLS              | 10 psf    |
| INTERIOR LIGHT FRAME COLD-FORMED STEEL WALLS | 5 psf     |
| 8" THICK MASONRY WALLS                       | 80 psf    |
| 6" THICK CONCRETE WALLS                      | 85 psf    |
| SIP WALLS                                    | 10 psf    |

- EXCEPTIONS:  
 1) ROOF AND CEILING DEAD LOADS NOT EXCEEDING 25 psf SHALL BE PERMITTED PROVIDED THE WALL BRACING AMOUNTS IN SECTION R602.10.3 ARE INCREASED IN ACCORDANCE WITH TABLE R602.10.3(4)  
 2) LIGHT-FRAME WALLS WITH STONE OR MASONRY VENEER SHALL BE PERMITTED IN ACCORDANCE WITH THE PROVISIONS OF SECTIONS R702.1 AND R703  
 3) FIREPLACES AND CHIMNEYS SHALL BE PERMITTED IN ACCORDANCE WITH CHAPTER 10

**TABLE R301.2.1.3**  
EQUIVALENT BASIC WIND SPEEDS

| V <sub>ULT</sub> | 110 | 115 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 |
|------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| V <sub>ASD</sub> | 85  | 89  | 93  | 101 | 108 | 116 | 124 | 132 | 139 | 147 | 155 |

ALL DIMENSIONS ARE TO BE FIELD VERIFIED

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- PRELIMINARY DRAWING
- FOR OWNERS REVIEW
- FOR BIDDING PURPOSES
- FOR BUILDING DEPT.
- FOR CONSTRUCTION
- AS BUILT DRAWINGS

REVISONS PLOTTED: 7/6/2023

| NO. | DATE     | DESCRIPTION         |
|-----|----------|---------------------|
| 1.  | 07.05.23 | D.O.B. RESUBMISSION |

|             |            |
|-------------|------------|
| PROJECT NO. | 2020272    |
| DATE        | 02/22/2023 |
| SCALE       | AS NOTED   |
| DRAWN BY    | R.H.       |

**MARK ANTHONY ARCHITECTS & PLANNERS**  
 ARCHITECTURE DESIGN  
 (516) 409 - 1900  
 1563 BELLMORE AVE.  
 N.BELLMORE, NY 11710

SEAL:   
 LIC # 031737-1  
 MARK ANTHONY MUNISTERI, R.A.  
 1563 BELLMORE AVE. BELLMORE NY, 11710

# GENERAL NOTES

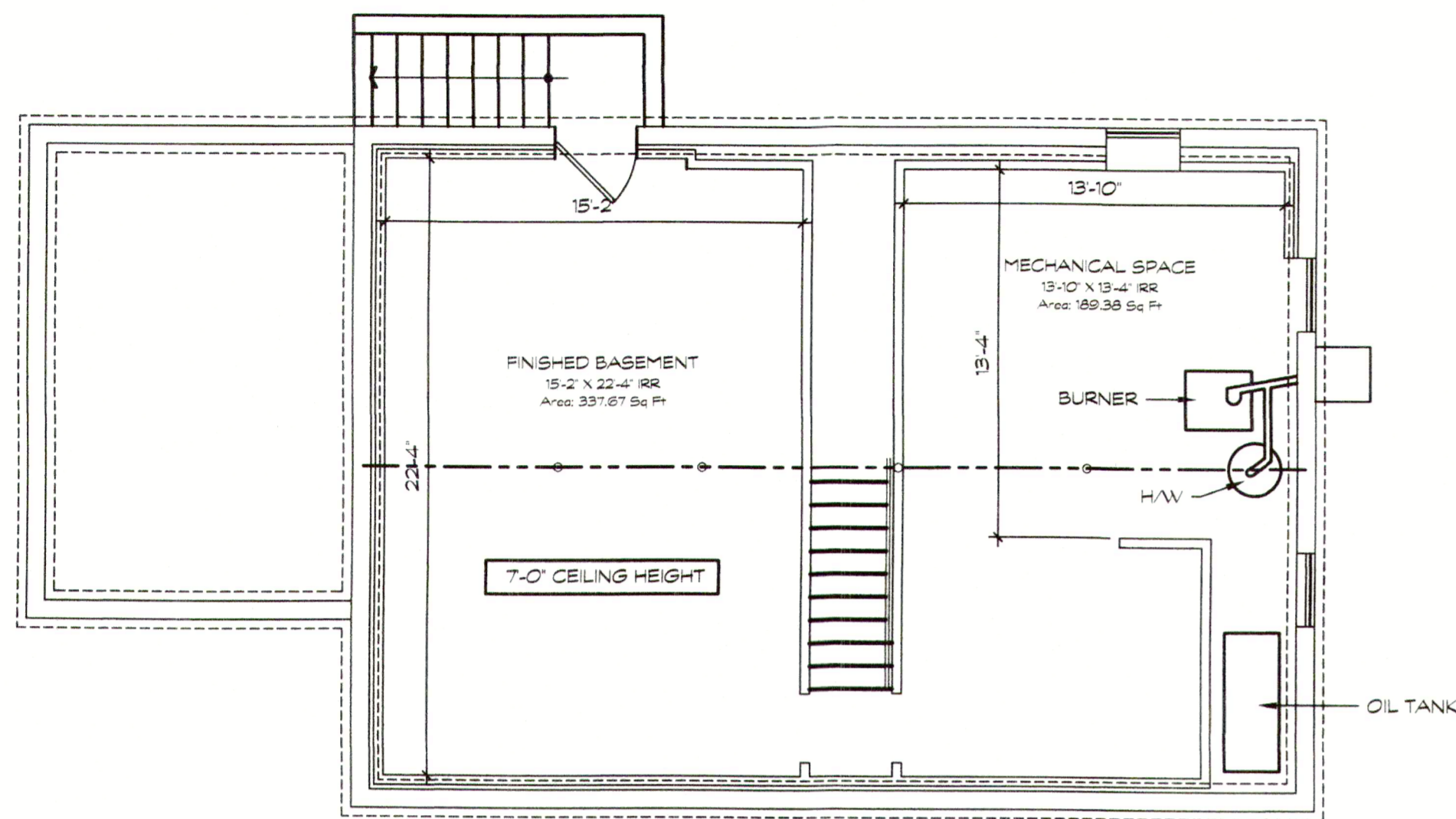
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 95 PRIMROSE DRIVE,  
 NEW HYDE PARK, NY 11040

D.O.B. ID#  
**RBP#23-000240**

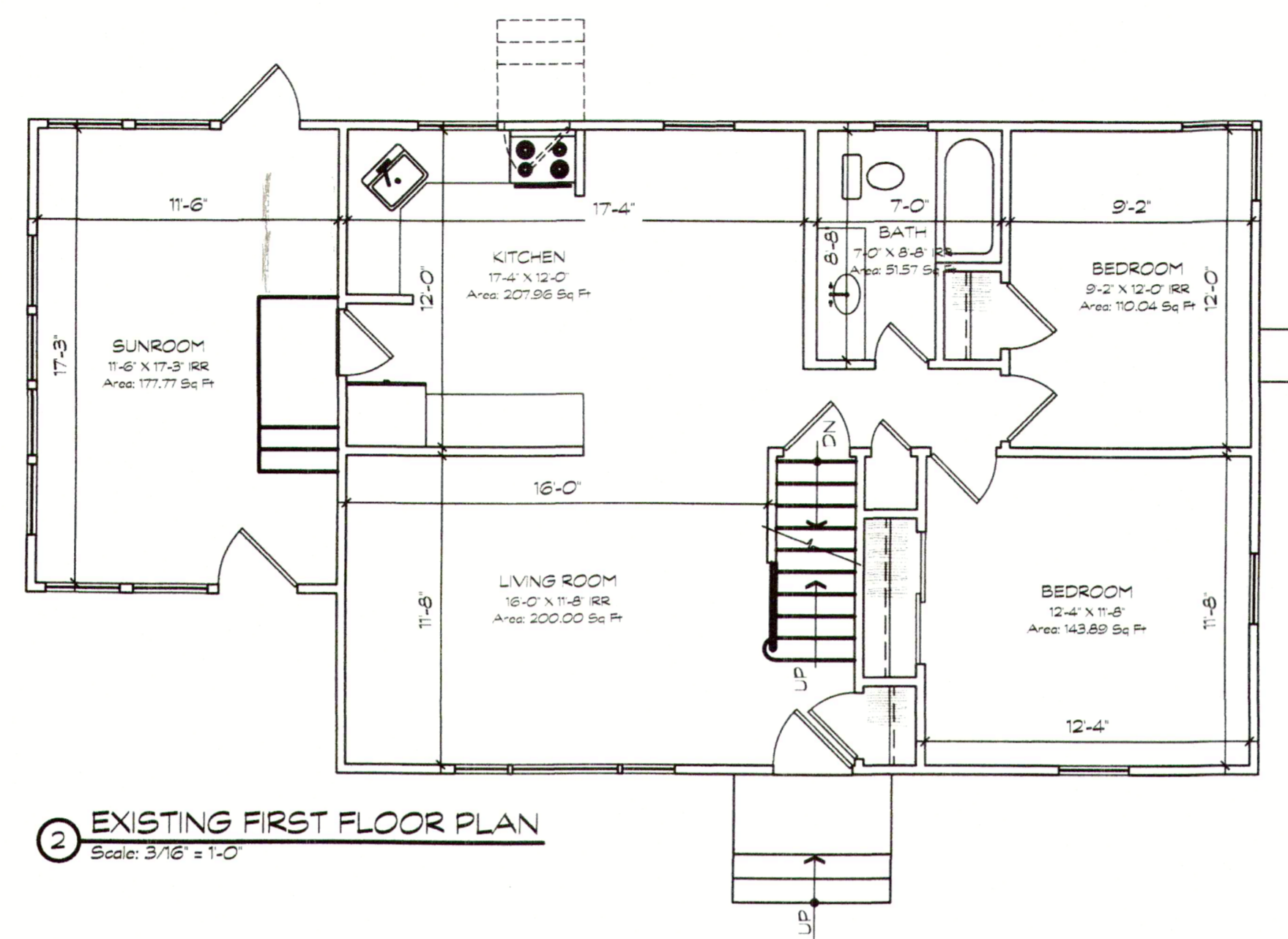
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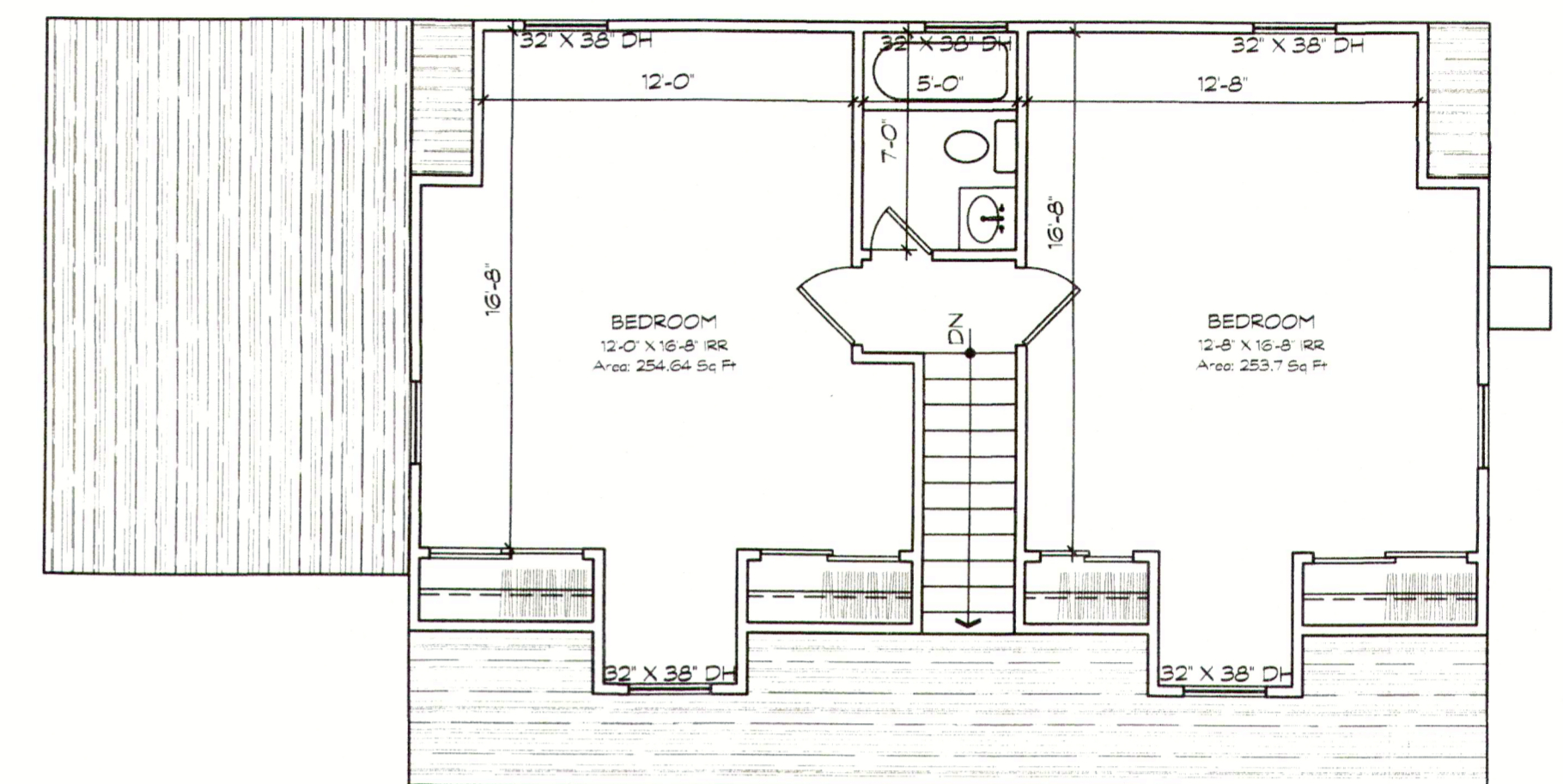
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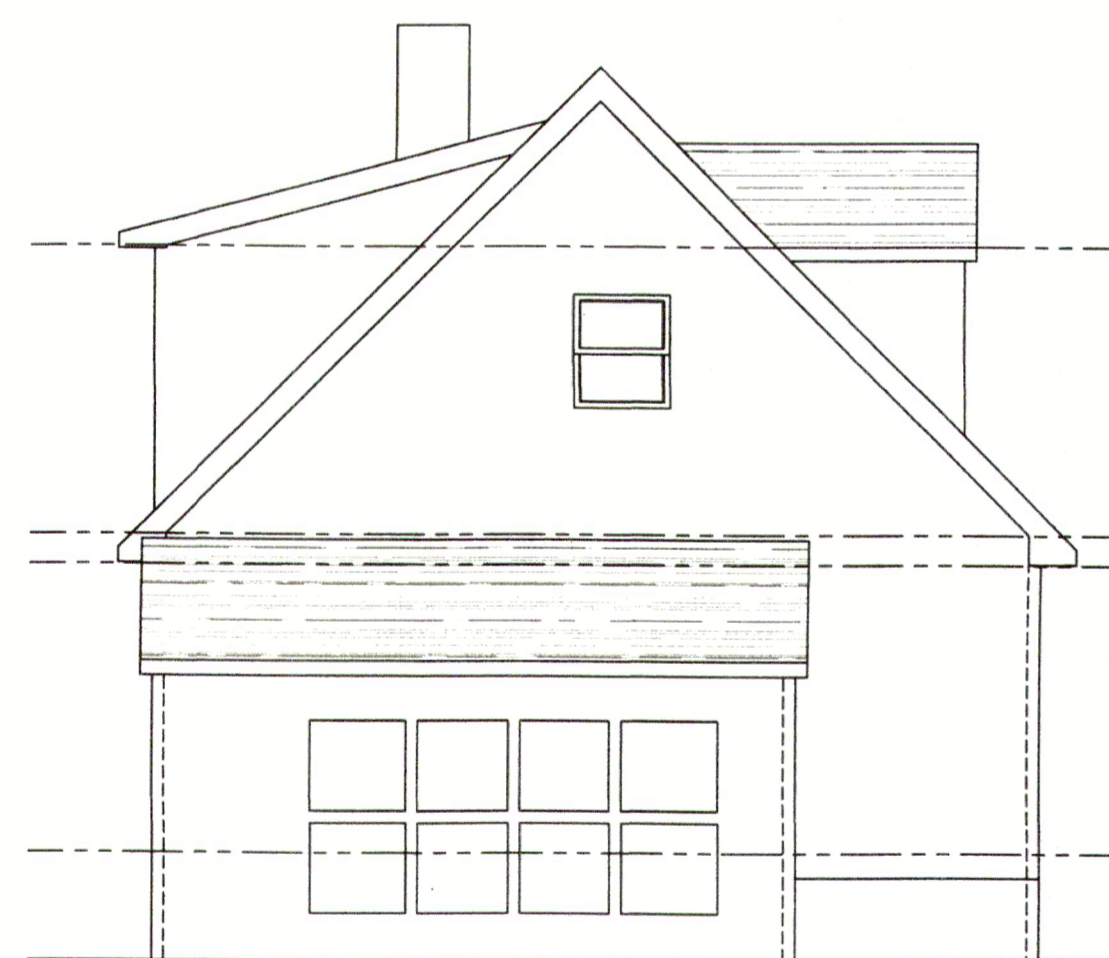
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Scale: 3/16" = 1'-0"



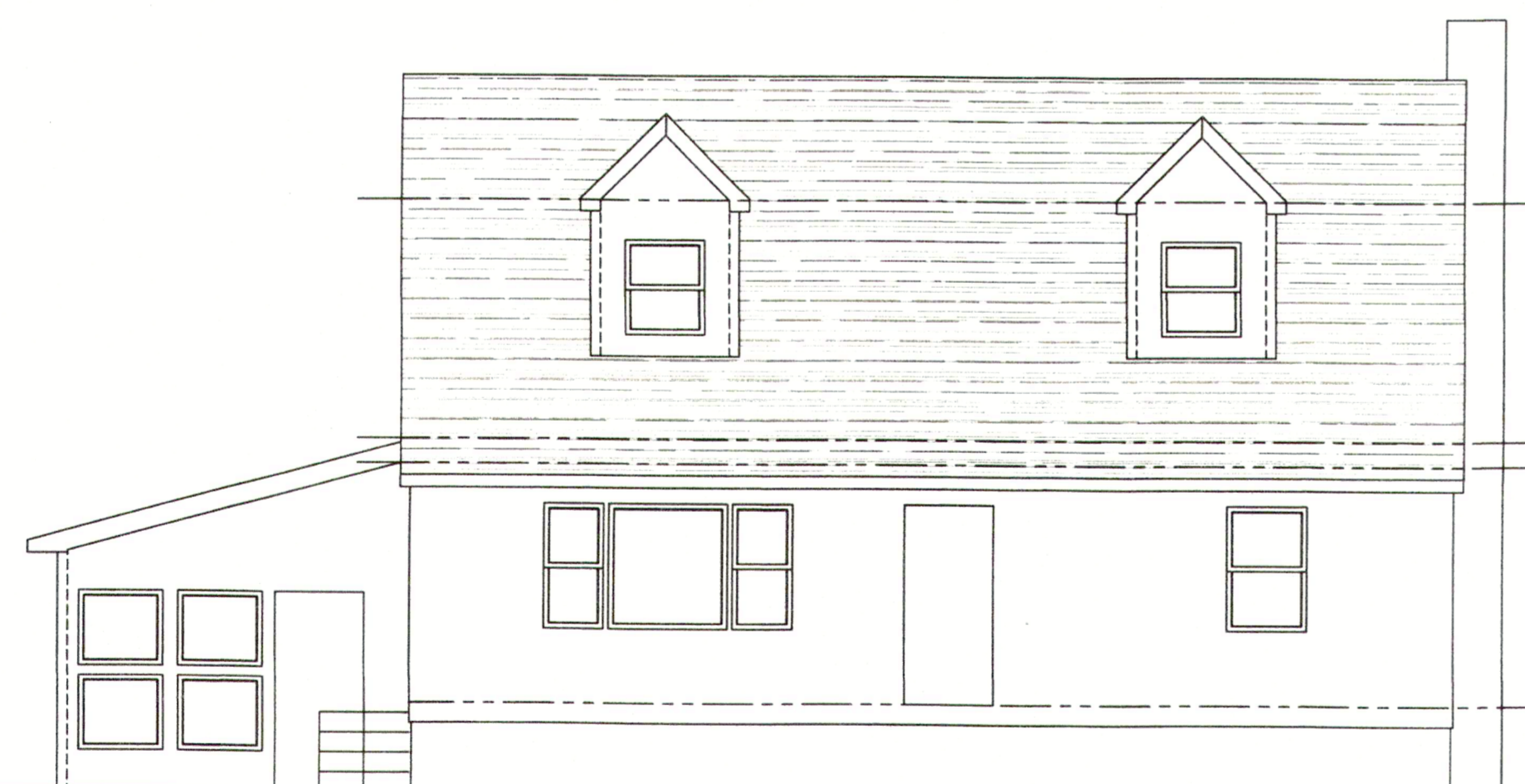
2 EXISTING FIRST FLOOR PLAN  
Scale: 3/16" = 1'-0"



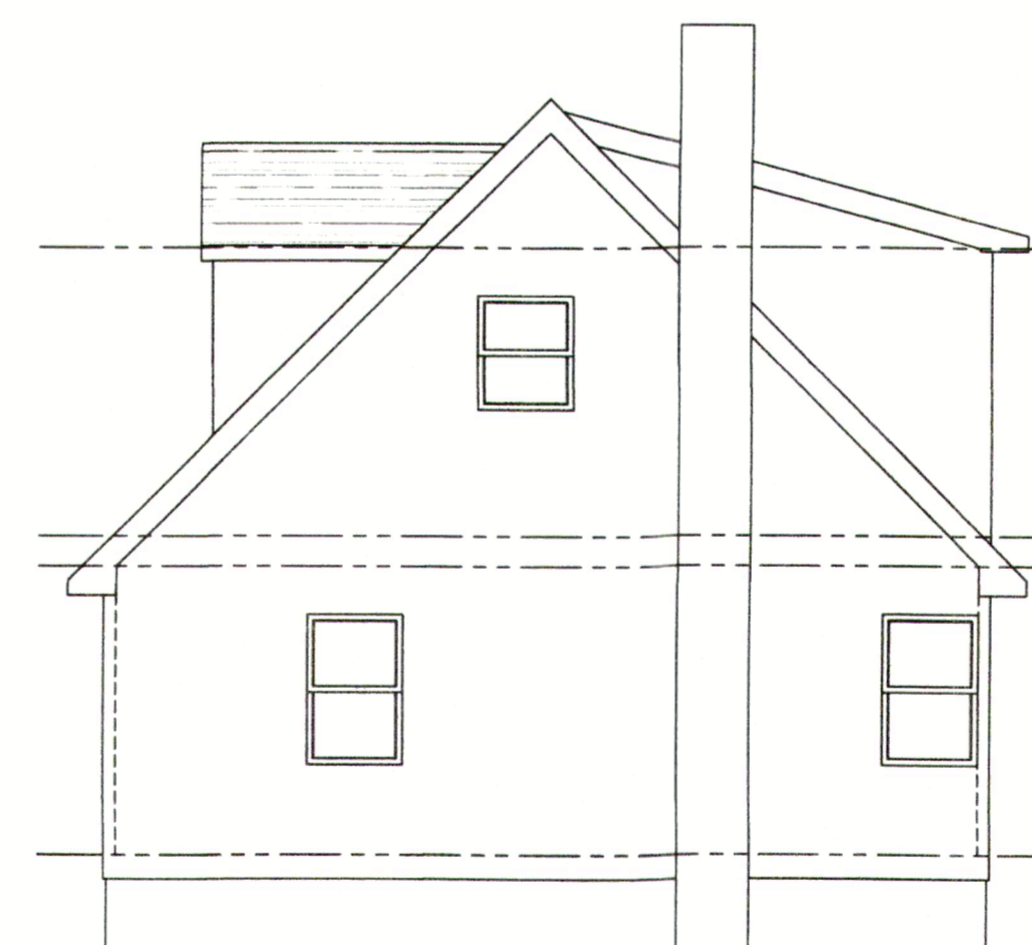
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Scale: 3/16" = 1'-0"



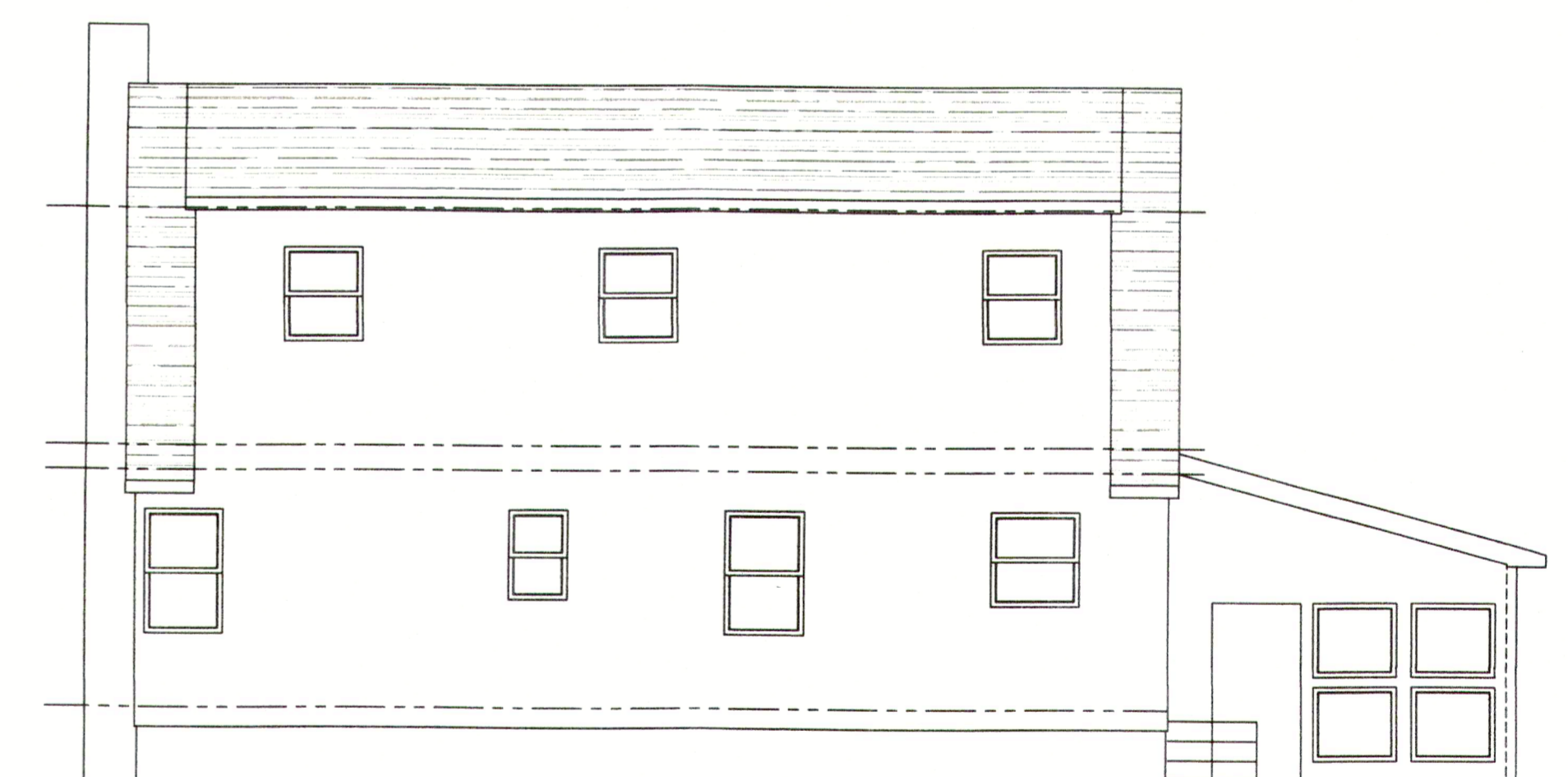
4 EXISTING LEFT SIDE ELEVATION  
Scale: 3/16" = 1'-0"



5 EXISTING FRONT ELEVATION  
Scale: 3/16" = 1'-0"



6 EXISTING RIGHT SIDE ELEVATION  
Scale: 3/16" = 1'-0"



7 EXISTING REAR ELEVATION  
Scale: 3/16" = 1'-0"

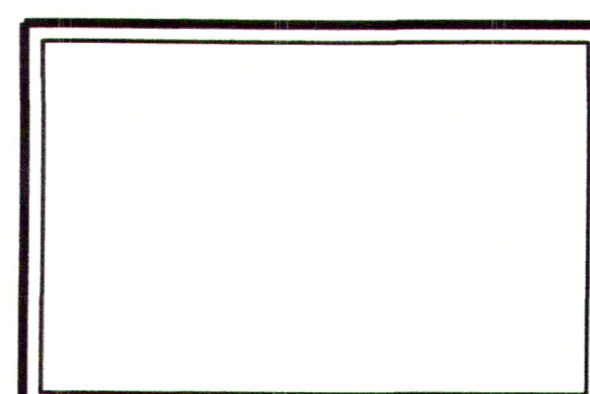
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**APPROVED FOR DEMOLITION**  
Scott Koehler  
11/15/2022

PROJECT: 132 BETHEL ROAD  
132 Bethel Road  
Albertson, New York

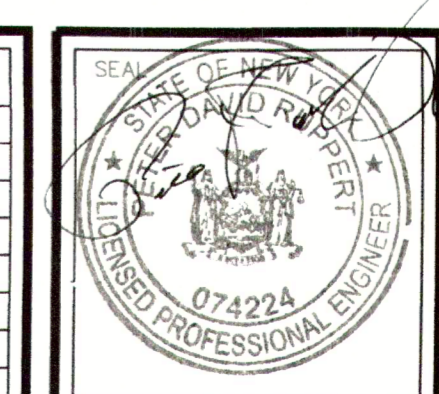
SHEET TITLE: EXISTING PLANS & ELEVATIONS

ENGINEER: SE SOUNDVIEW ENGINEERING, P.C.  
PETER D. RUPPERT, P.E.  
ENGINEERING - PLANNING  
44 UNION AVENUE  
AMITYVILLE, N.Y. 11701  
PHONE: 631.264.3737  
E-MAIL: SOUNDVIEWENGINEERING.COM



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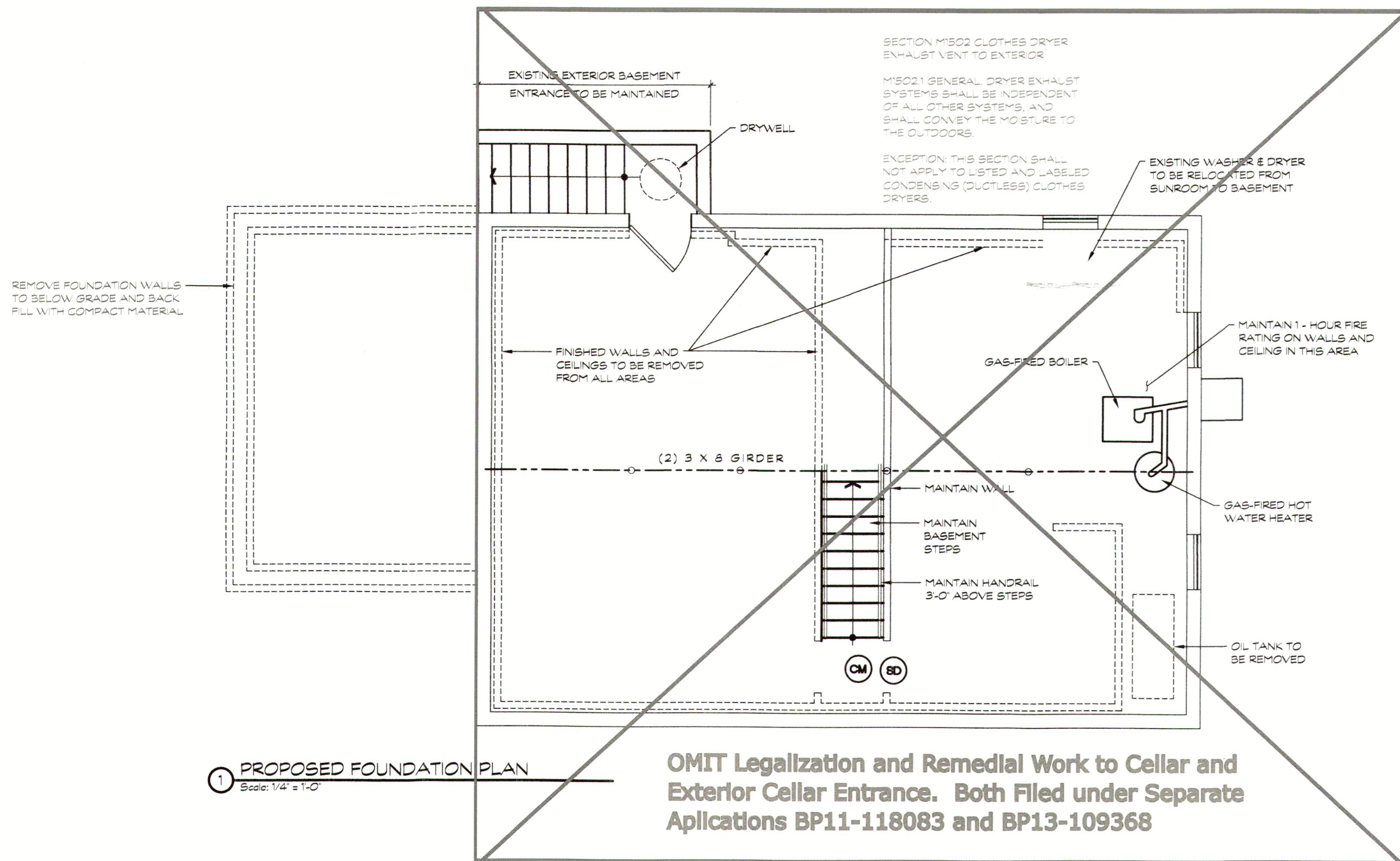
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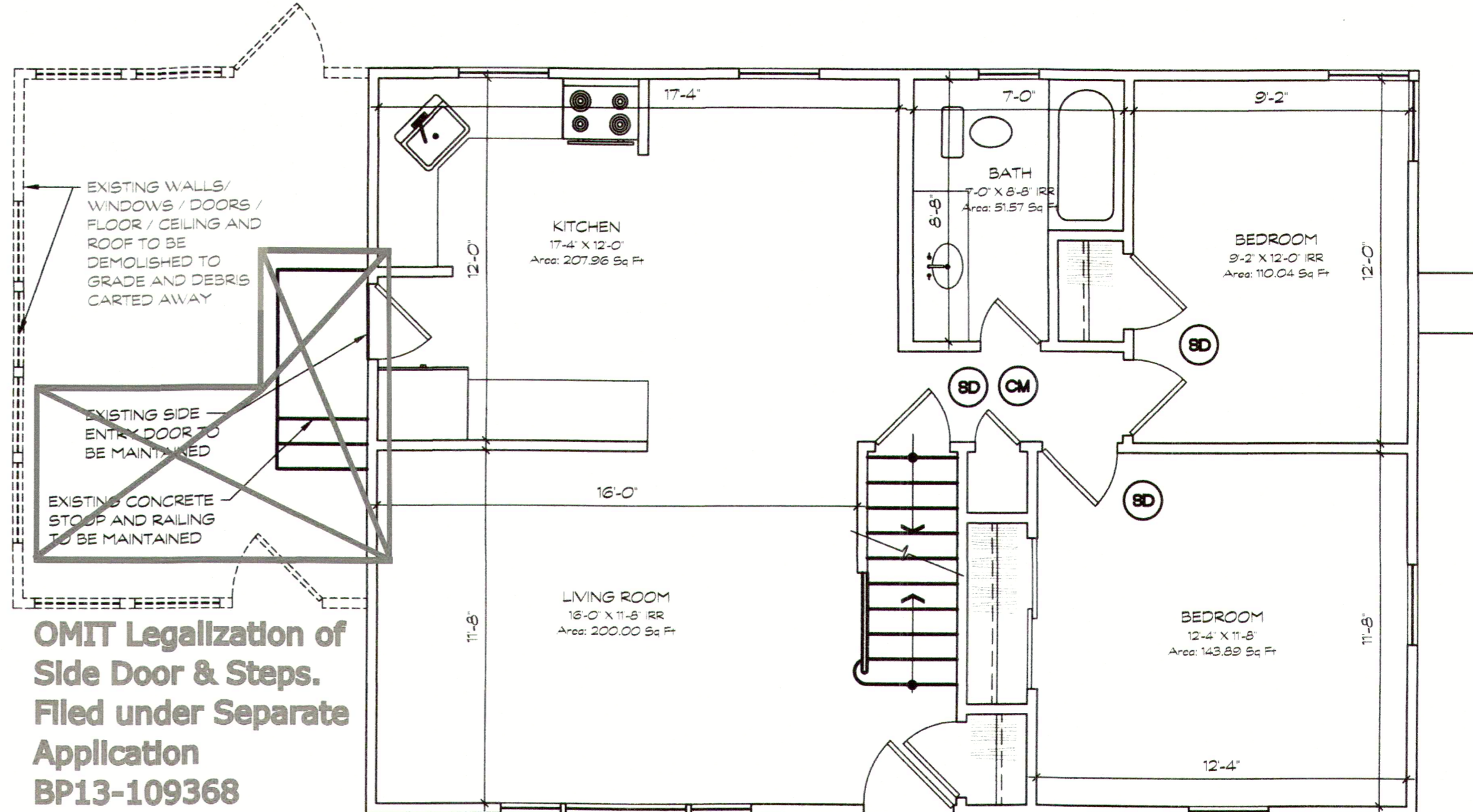
DRAWN BY: JLM SCALE: AS NOTED  
CHECKED BY: PDR DATE: 9.17.22  
SHEET NUMBER: A-1  
JOB NO.





1 PROPOSED FOUNDATION PLAN  
Scale: 1/4" = 1'-0"

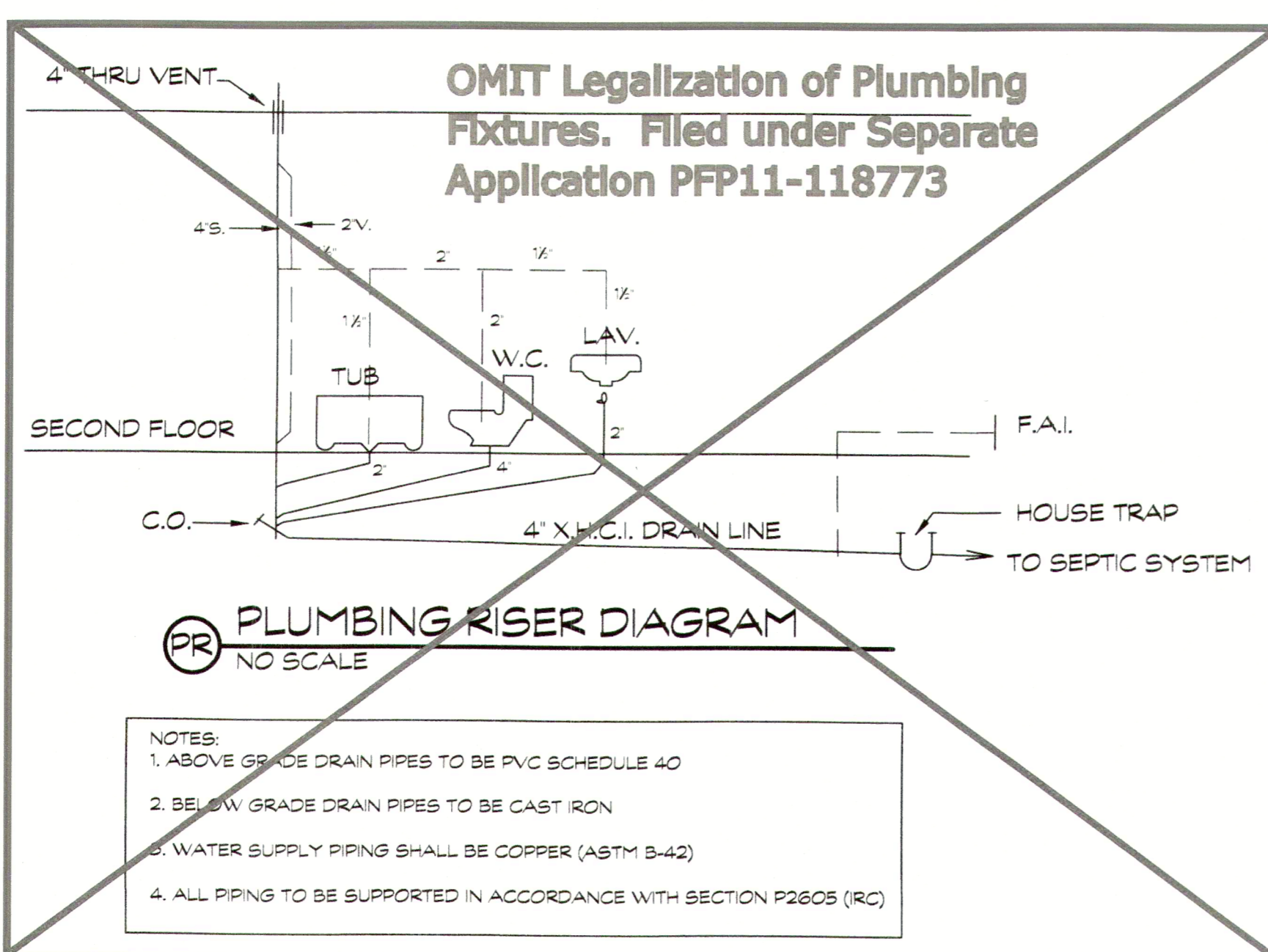
**OMIT Legalization and Remedial Work to Cellar and Exterior Cellar Entrance. Both Filed under Separate Applications BP11-118083 and BP13-109368**



2 PROPOSED FIRST FLOOR PLAN  
Scale: 1/4" = 1'-0"

**OMIT Legalization of Side Door & Steps. Filed under Separate Application BP13-109368**

BD INDICATES SMOKE DETECTORS, ALL OF WHICH MUST BE INTERCONNECTED THROUGHOUT THE BUILDING AS PER SECTION 907.2 OF THE NYS BUILDING CODE

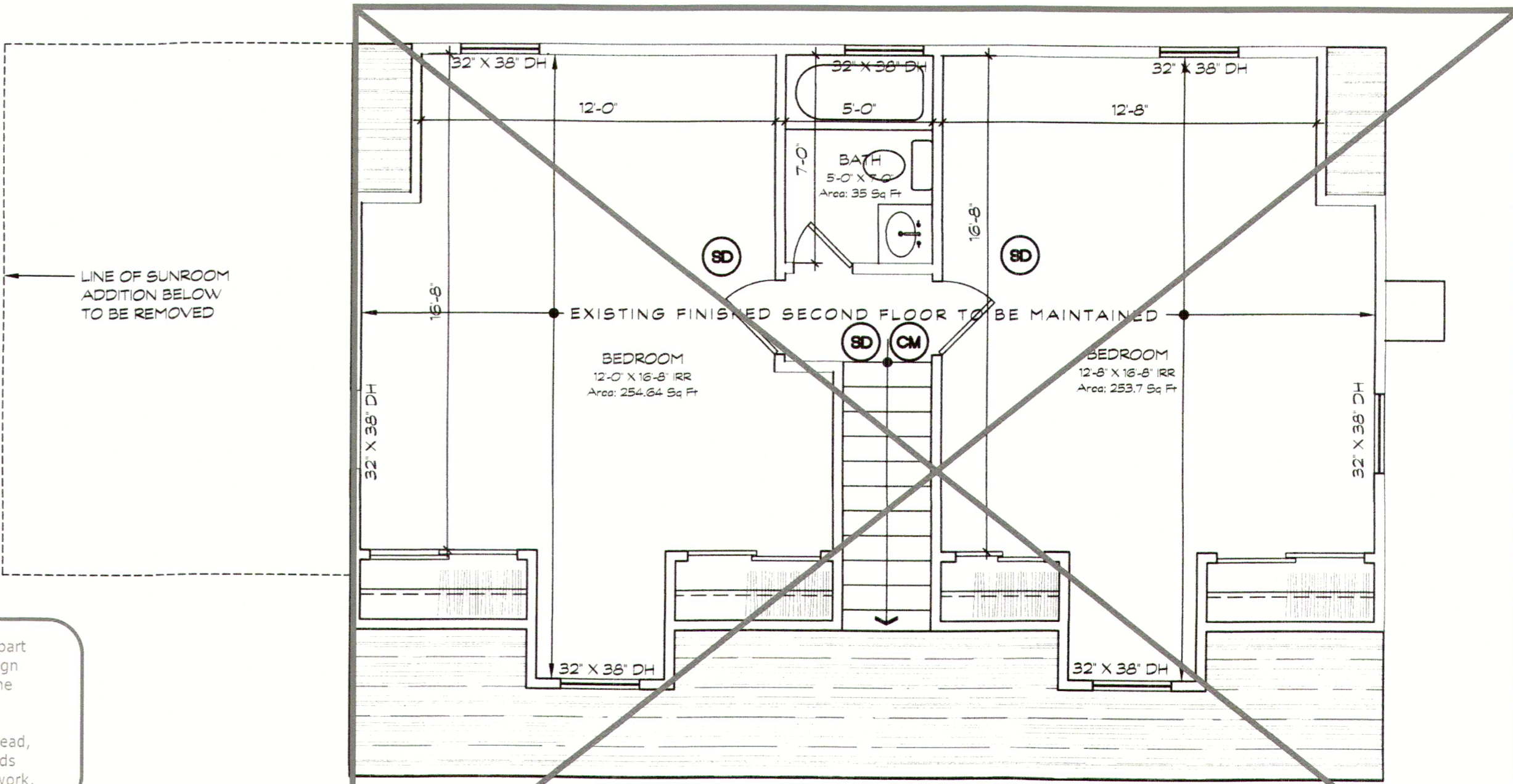


PR PLUMBING RISER DIAGRAM  
NO SCALE

- NOTES:
1. ABOVE GRADE DRAIN PIPES TO BE PVC SCHEDULE 40
  2. BELOW GRADE DRAIN PIPES TO BE CAST IRON
  3. WATER SUPPLY PIPING SHALL BE COPPER (ASTM B-42)
  4. ALL PIPING TO BE SUPPORTED IN ACCORDANCE WITH SECTION P2605 (RC)

**APPROVED FOR DEMOLITION**  
Scott Koehler  
11/15/2022

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.



3 EXISTING SECOND FLOOR PLAN (TO BE MAINTAINED)  
Scale: 1/4" = 1'-0"

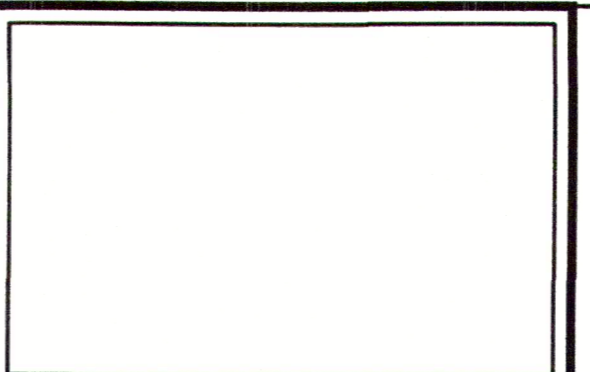
**OMIT Legalization of Finished Second Floor w/ Bathroom. Filed under Separate Application BP11-118083**

| TABLE P3201.7 SIZE OF TRAPS AND TRAP ARMS FOR PLUMBING FIXTURES                 |                            |
|---------------------------------------------------------------------------------|----------------------------|
| PLUMBING FIXTURES                                                               | TRAP SIZE MINIMUM (INCHES) |
| BATHTUB (WITH OR WITHOUT SHOWER HEAD AND/OR WHIRLPOOL ATTACHMENT)               | 1 1/2"                     |
| BIDET                                                                           | 1 1/4"                     |
| CLOTHES WASHER STANDPIPE                                                        | 2"                         |
| DISHWASHER (ON SEPARATE TRAP)                                                   | 1 1/2"                     |
| FLOOR DRAIN                                                                     | 2"                         |
| KITCHEN SINK (ONE OR TWO TRAPS, WITH OR WITHOUT DISHWASHER AND GARBAGE GRINDER) | 1 1/2"                     |
| LAUNDRY TUB (ONE OR MORE COMPARTMENTS)                                          | 1 1/2"                     |
| LAVATORY                                                                        | 1 1/2"                     |
| SHOWER                                                                          | 2"                         |
| WATER CLOSET                                                                    | NOTE A                     |
| A. CONSULT FIXTURE STANDARDS FOR TRAP DIMENSIONS OF SPECIFIC BOWLS              |                            |

PROJECT: 132 BETHEL ROAD  
132 Bethel Road  
Albertson, New York

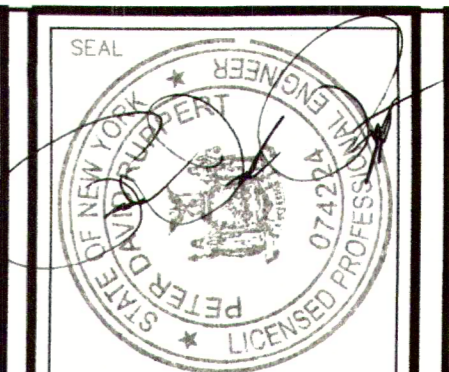
SHEET TITLE: FLOOR PLANS TO BE MAINTAINED  
PLUMBING RISER DIAGRAM

ENGINEER: SE SOUNDVIEW ENGINEERING, P.C.  
PETER D. RUPPERT, P.E.  
ENGINEERING - PLANNING  
44 UNION AVENUE  
AMITYVILLE, N.Y. 11701  
PHONE: 631 264 3737  
E-MAIL: SOUNDVIEWENGINEERING.COM



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| DATE      | NO. |

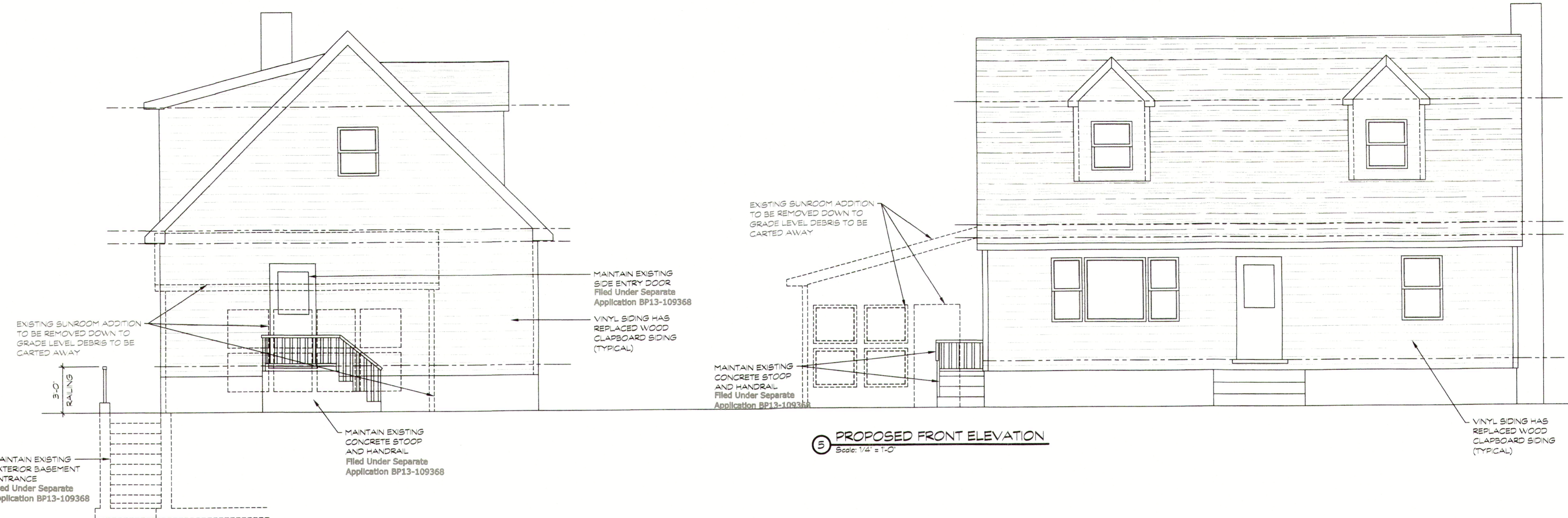
| ISSUANCES |          |
|-----------|----------|
| 1         | DATE NO. |
| 2         | DATE NO. |
| 3         | DATE NO. |
| 4         | DATE NO. |
| DATE      | NO.      |
| DATE      | NO.      |
| DATE      | NO.      |



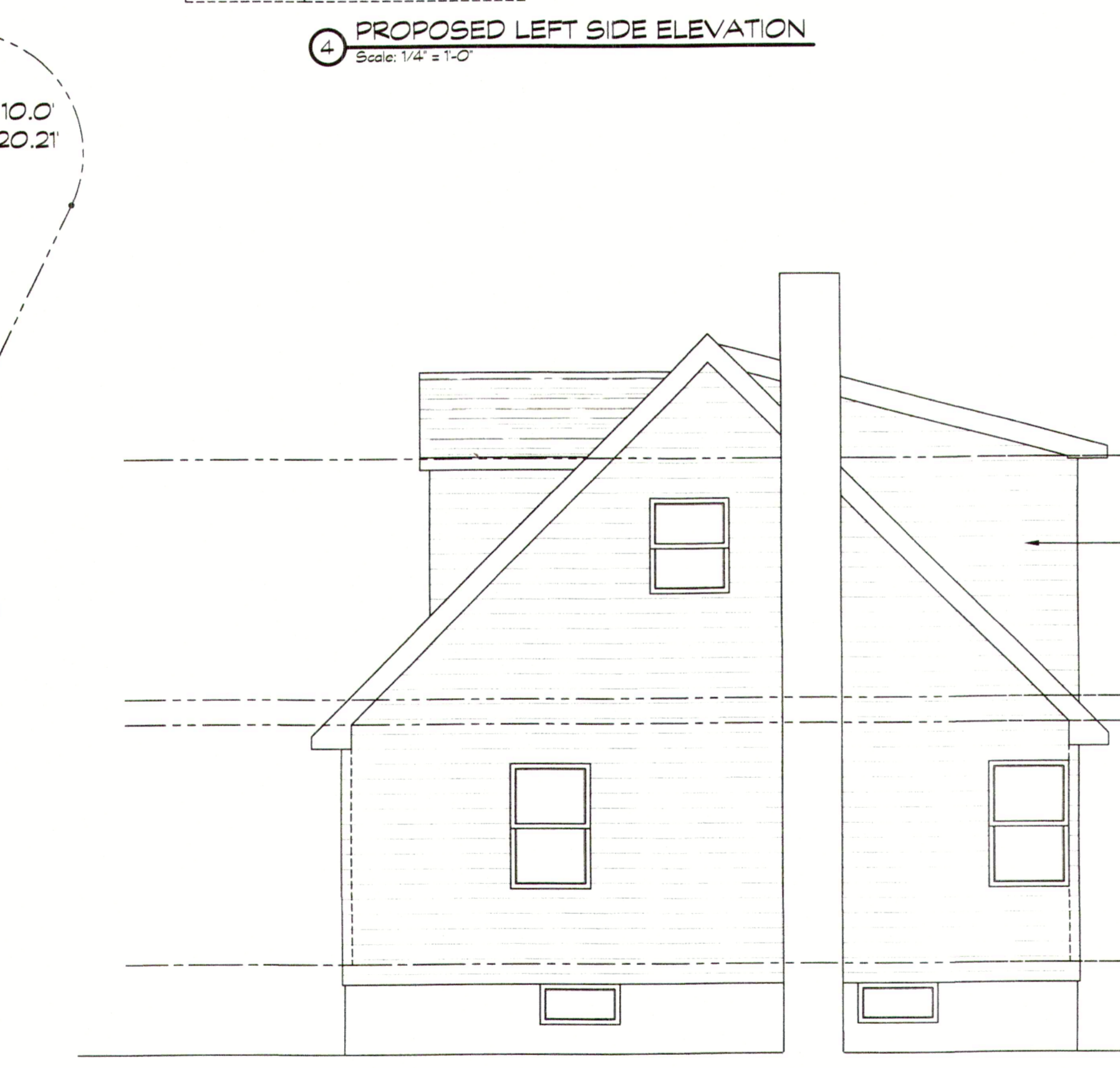
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DRAWN BY: JLM  
CHECKED BY: PDR  
SCALE: AS NOTED  
DATE: 9.17.22  
SHEET NUMBER: A-2  
JOB NO.





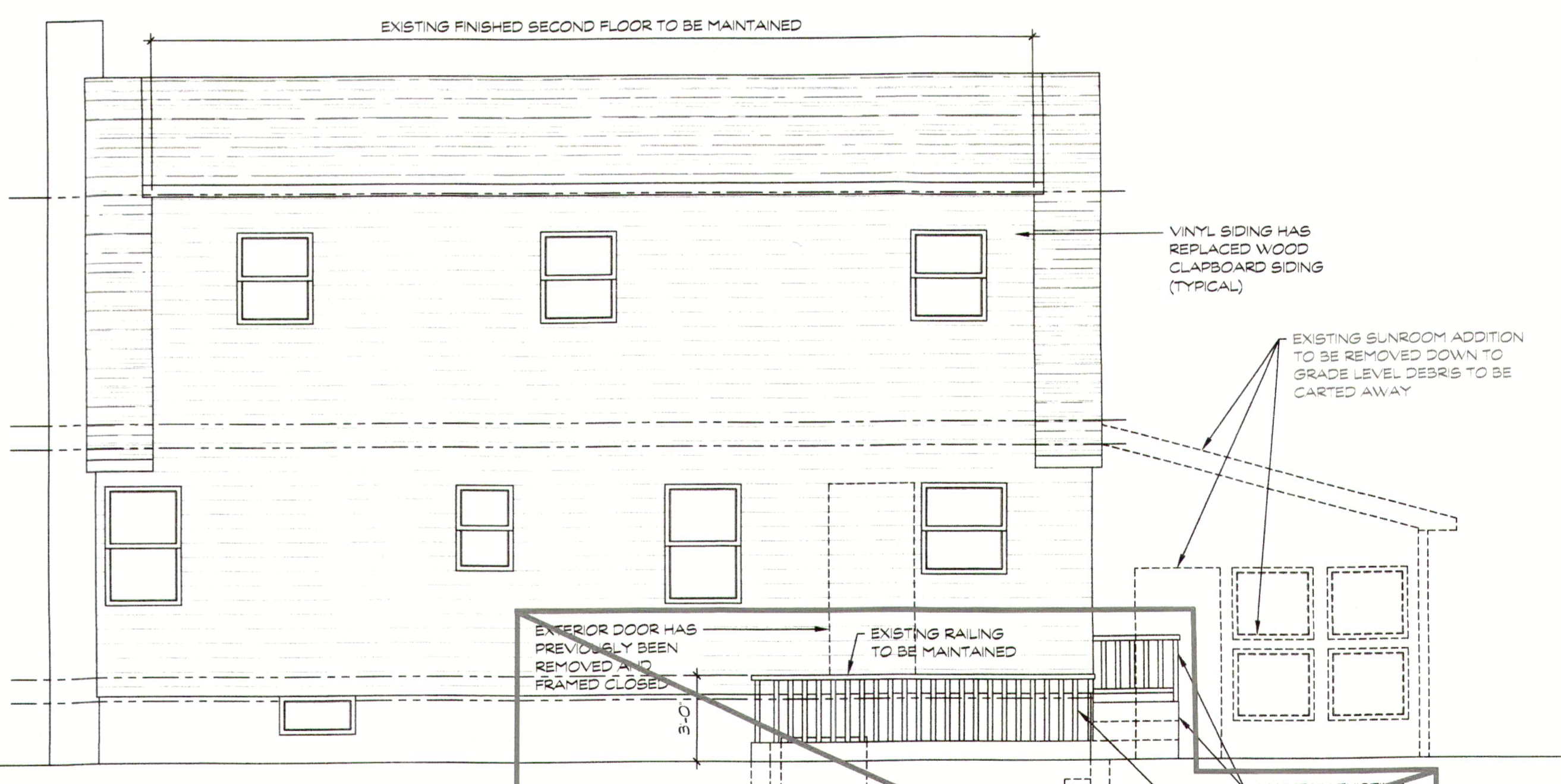
5 PROPOSED FRONT ELEVATION  
Scale: 1/4" = 1'-0"



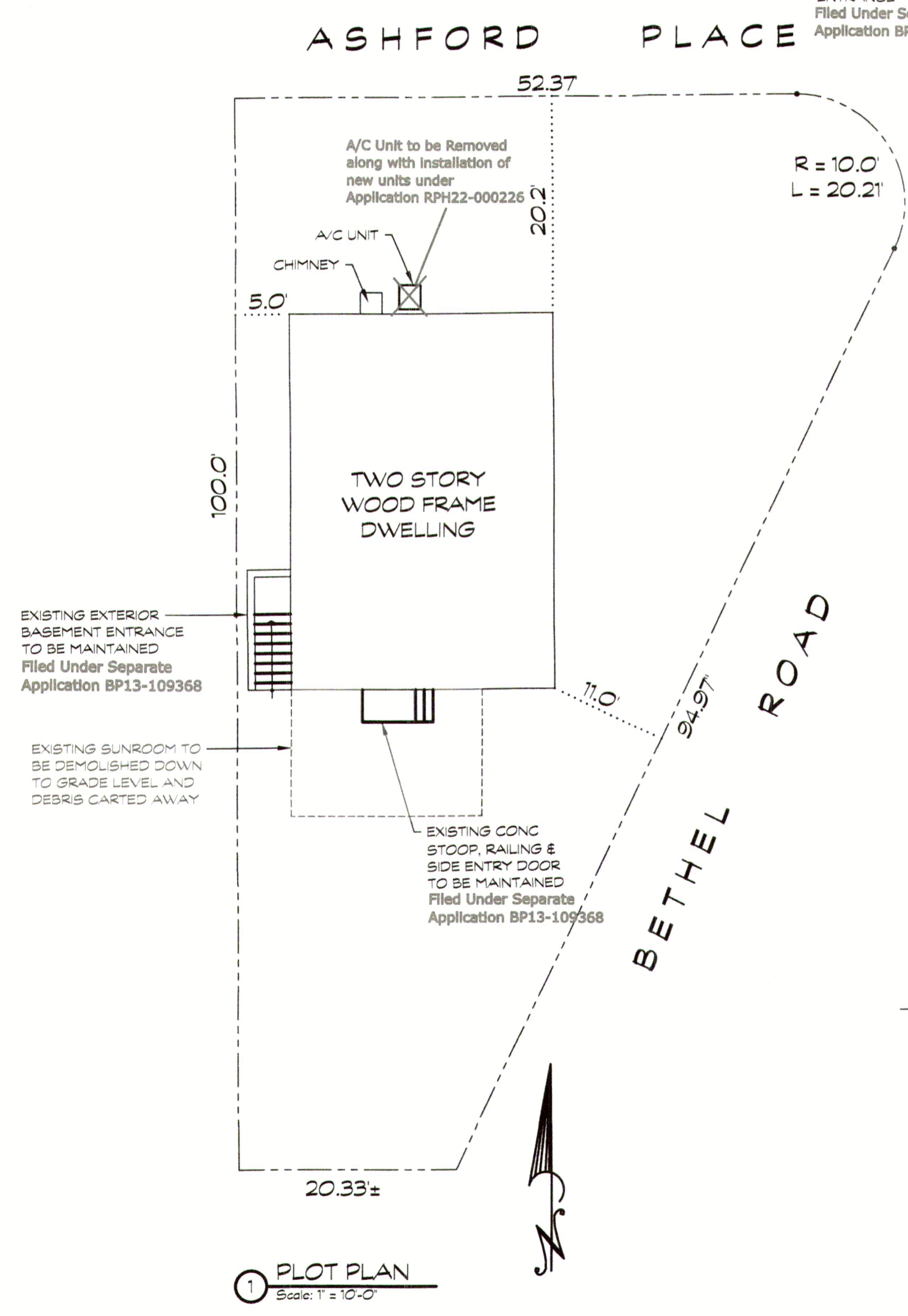
4 PROPOSED LEFT SIDE ELEVATION  
Scale: 1/4" = 1'-0"



6 PROPOSED RIGHT SIDE ELEVATION  
Scale: 1/4" = 1'-0"



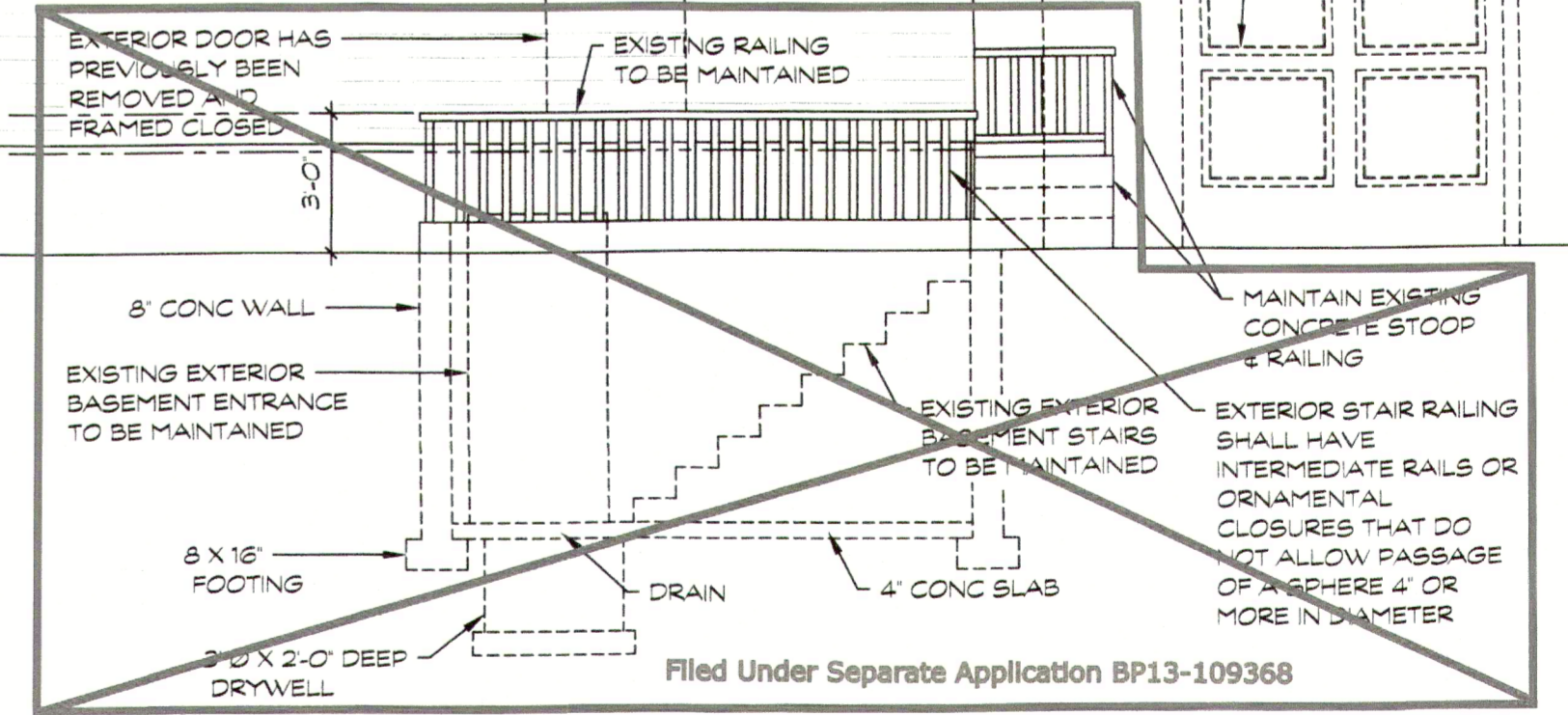
7 PROPOSED REAR ELEVATION  
Scale: 1/4" = 1'-0"



1 PLOT PLAN  
Scale: 1" = 10'-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.

**APPROVED FOR DEMOLITION**  
Scott Koehler  
11/15/2022



Filed Under Separate Application BP13-109368

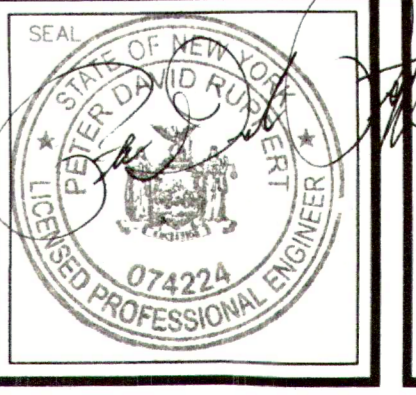
|             |                                                           |
|-------------|-----------------------------------------------------------|
| PROJECT     | 132 BETHEL ROAD<br>132 Bethel Road<br>Albertson, New York |
| SHEET TITLE | PROPOSED ELEVATIONS<br>PLOT PLAN                          |

ENGINEER  
**SE**  
SOUNDVIEW ENGINEERING, P.C.  
PETER D. RUPPERT, P.E.  
ENGINEERING - PLANNING  
44 UNION AVENUE  
AMITYVILLE, N.Y. 11701  
PHONE: 631 264 3737  
E-MAIL: SOUNDVIEWENGINEERING.COM

| REVISIONS |     |
|-----------|-----|
| 1         |     |
| 2         |     |
| 3         |     |
| 4         |     |
| 5         |     |
| DATE      | NO. |
| DATE      | NO. |
| DATE      | NO. |

| ISSUANCES |     |
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| 4         |     |
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| DATE      | NO. |
| DATE      | NO. |
| DATE      | NO. |

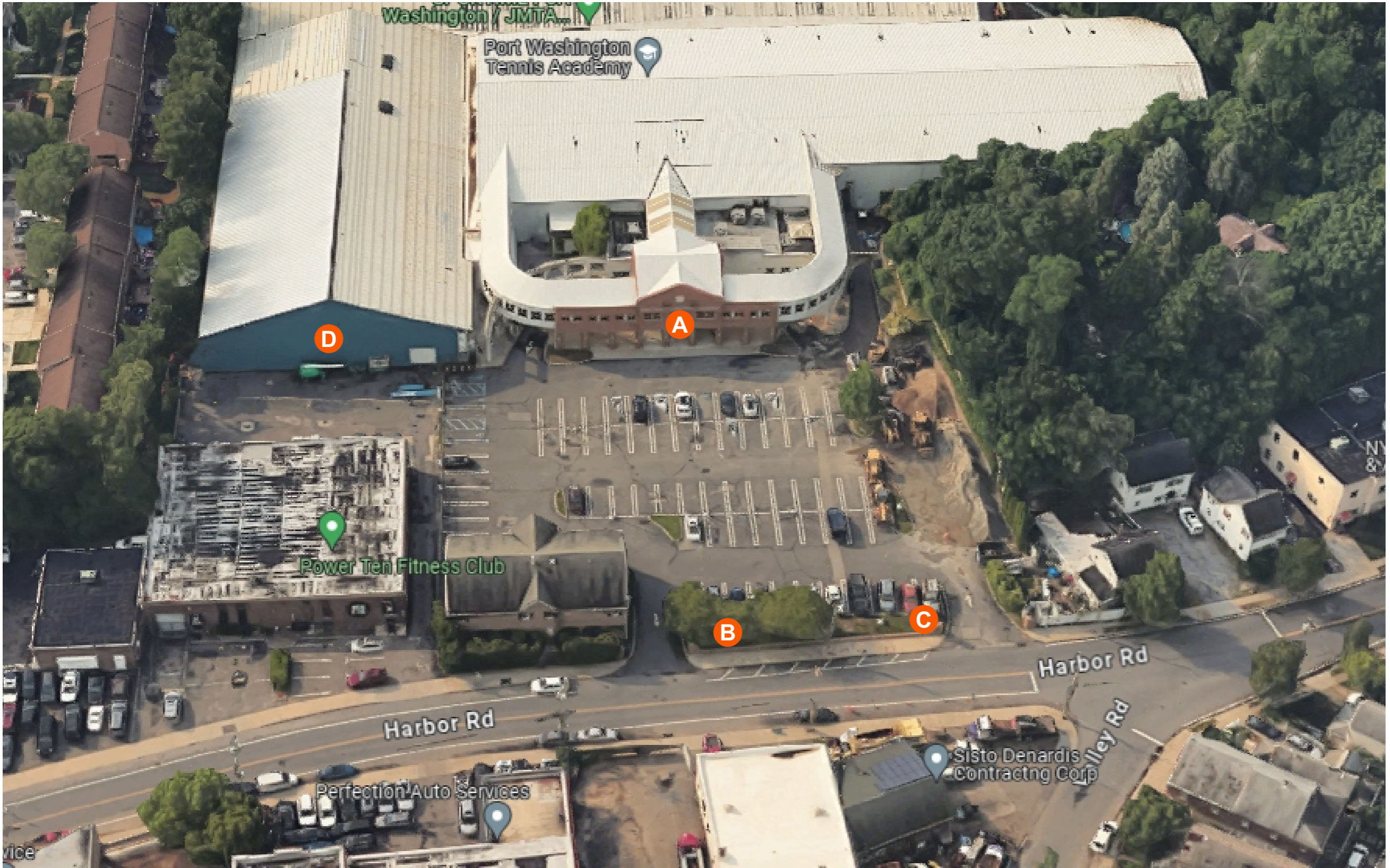
| ISSUANCES |     |
|-----------|-----|
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| 2         |     |
| 3         |     |
| 4         |     |
| 5         |     |
| DATE      | NO. |
| DATE      | NO. |
| DATE      | NO. |



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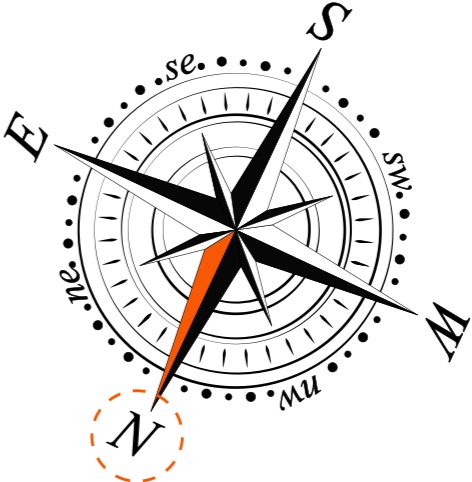
|              |     |       |          |
|--------------|-----|-------|----------|
| DRAWN BY     | JLM | SCALE | AS NOTED |
| CHECKED BY   | PDR | DATE  | 9.17.22  |
| SHEET NUMBER | A-3 |       |          |
| JOB NO.      |     |       |          |





# #21545

|                     |                                              |
|---------------------|----------------------------------------------|
| <b>DATE</b>         | 03-04-2024                                   |
| <b>REVISION</b>     | L                                            |
| <b>PROJECT NAME</b> | <b>SPORTIME</b><br>TENNIS • SPORTS • FITNESS |
| <b>ADDRESS</b>      | 100 Harbor Rd<br>Port Washington NY          |
| <b>SIGN TYPE</b>    | Site Plan                                    |
| <b>PM</b>           | Linabel                                      |
| <b>DESIGNER</b>     | Jonathan                                     |



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**SCALE**  
N.T.S

**P-1/12**  
COLORS ON PROOF MAY VARY FROM ACTUAL PRODUCT USED

**SITE PLAN**

I, \_\_\_\_\_ have reviewed the above specifications & hereby fully understand the content of work to be performed

/  /

Print Name       Signature       Date


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New Stainless Steel letters & Logo (Non- Illuminated)



BEFORE



PREVIEW FOR ILLUSTRATION ONLY



AFTER



PREVIEW FOR ILLUSTRATION ONLY

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55 Decker St. Copiague NY  
516.408.3440  
888.254.7322  
www.vallesigns.com

DATE

03-04-2024

REVISION

L

PROJECT NAME



ADDRESS

100 Harbor Rd  
Port Washington NY

SIGN TYPE

Stainless Steel Letters

PM

Linabel

DESIGNER

Jonathan

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P-3/12

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Print Name

Signature

Date



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**B**



AFTER  PREVIEW FOR ILLUSTRATION ONLY



NIGHT  PREVIEW FOR ILLUSTRATION ONLY

|              |                                              |
|--------------|----------------------------------------------|
| DATE         | 03-04-2024                                   |
| REVISION     | L                                            |
| PROJECT NAME | <b>SPORTIME</b><br>TENNIS • SPORTS • FITNESS |
| ADDRESS      | 100 Harbor Rd<br>Port Washington NY          |
| SIGN TYPE    | Pylon Sign                                   |
| PM           | Linabel                                      |
| DESIGNER     | Jonathan                                     |

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SCALE  
 N.T.S

P-5/12  
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\_\_\_\_\_ Print Name      \_\_\_\_\_ Signature      \_\_\_\_\_ Date

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AFTER  PREVIEW FOR ILLUSTRATION ONLY



NIGHT  PREVIEW FOR ILLUSTRATION ONLY

|              |                                              |
|--------------|----------------------------------------------|
| DATE         | 03-04-2024                                   |
| REVISION     | L                                            |
| PROJECT NAME | <b>SPORTIME</b><br>TENNIS • SPORTS • FITNESS |
| ADDRESS      | 100 Harbor Rd<br>Port Washington NY          |
| SIGN TYPE    | Pylon Sign                                   |
| PM           | Linabel                                      |
| DESIGNER     | Jonathan                                     |

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SCALE  
N.T.S

P-6/12  
COLORS ON PROOF MAY VARY FROM ACTUAL PRODUCT USED

I, \_\_\_\_\_ have reviewed the above specifications & hereby fully understand the content of work to be performed

\_\_\_\_\_  
Print Name

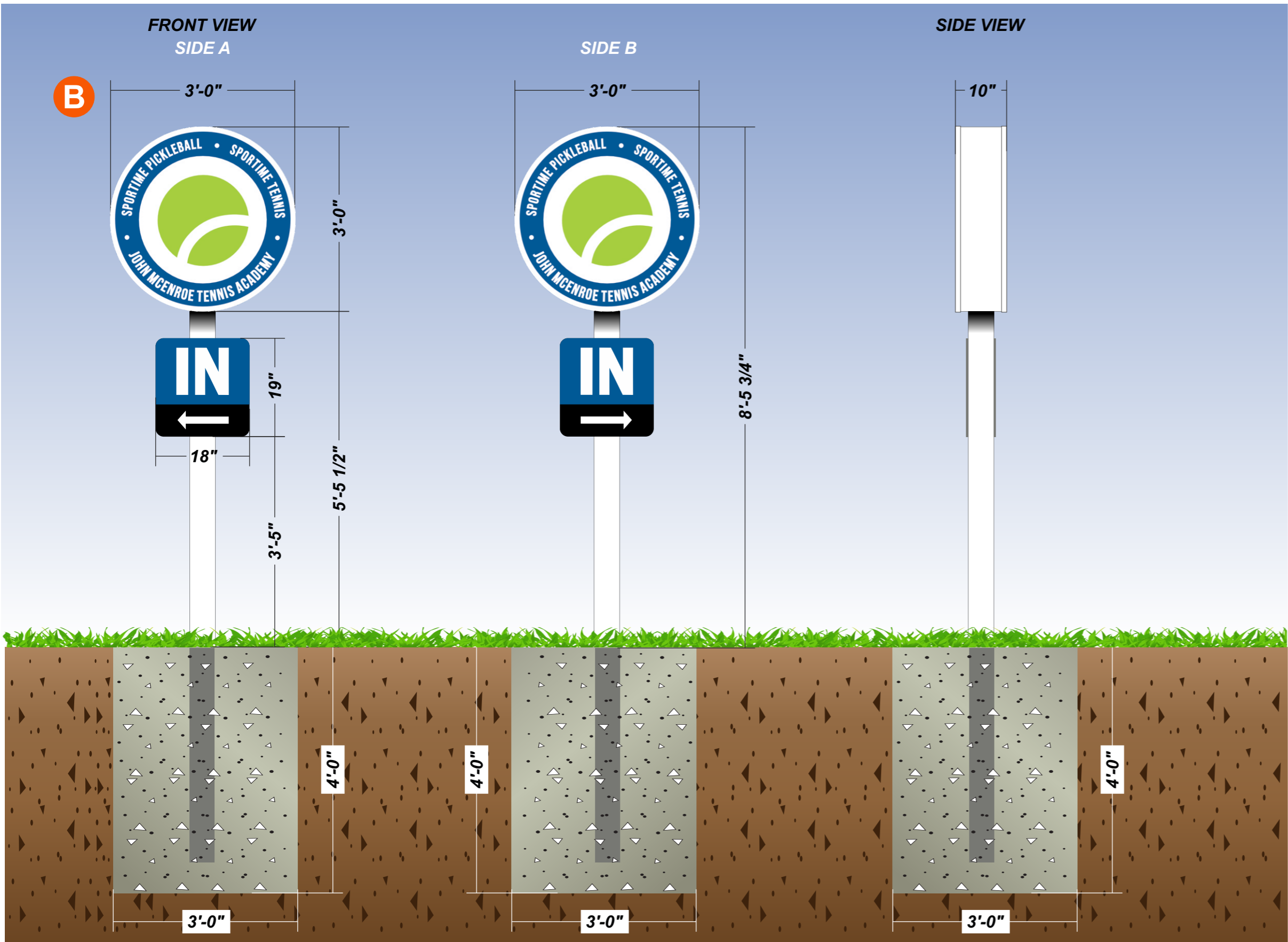
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

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**SPECIFICATIONS**

- New illuminated Ground Sign
- 1" x 1" mill finish tubing frame
- 0.040 Thick aluminum sides painted White
- 3/16" Acrylic white faces
- 0.040 aluminum 1" moldings painted white
- Avery Brand Translucent Vinyls on top
- Glossy lamination
- New 5" x 5" x 1/4" thick steel post painted white
- One (1) unit

**IN | OUT Aluminum Signs**

- 0.63 Thick Aluminum
- Full color printed vinyl on top
- Single sided
- Screws to attach direct to posts
- Two (2) Units

**SQUARE FOOTAGE**

|                      |              |
|----------------------|--------------|
| Sign Height          | 8'-5.75"     |
| Sign Width           | 3'-0"        |
| <b>TOTAL SQ. FT.</b> | <b>25.44</b> |

- PANTONE 375C
- PANTONE 653C

**DATE**

03-04-2024

**REVISION**

L

**PROJECT NAME**



**ADDRESS**

100 Harbor Rd  
 Port Washington NY

**SIGN TYPE**

Pylon Sign

**PM**

Linabel

**DESIGNER**

Jonathan

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**SCALE**

N.T.S

P-7/12

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\_\_\_\_\_  
 Print Name

\_\_\_\_\_  
 Signature

\_\_\_\_\_  
 Date

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|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| <b>DATE</b>         | 03-04-2024                                                                          |
| <b>REVISION</b>     | L                                                                                   |
| <b>PROJECT NAME</b> |  |
| <b>ADDRESS</b>      | 100 Harbor Rd<br>Port Washington NY                                                 |
| <b>SIGN TYPE</b>    | Aluminum Commercial Frame                                                           |
| <b>PM</b>           | Linabel                                                                             |
| <b>DESIGNER</b>     | Jonathan                                                                            |

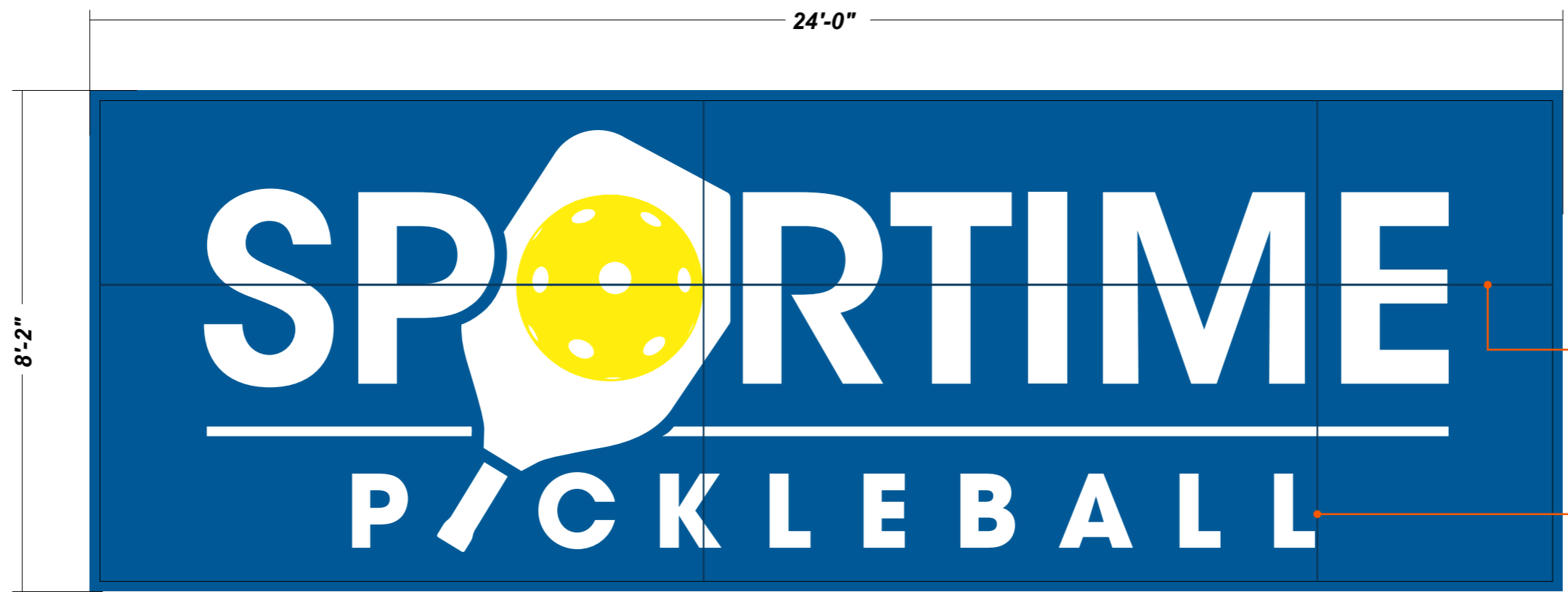
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**SCALE**  
N.T.S

**P-10/12**  
COLORS ON PROOF MAY VARY FROM ACTUAL PRODUCT USED

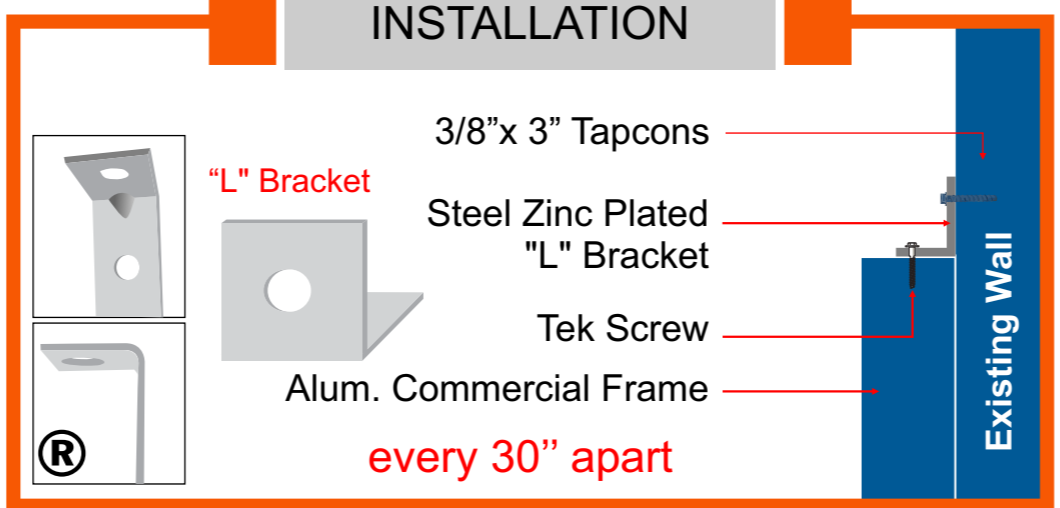
**D**



**SPECIFICATIONS**

- New Aluminum commercial frame
- 1"x 1" mill finish tubing frame
- 0.040 Aluminum with Vinyl on top
- 0.040 aluminum 2" moldings
- Painted to best match *PANTONE 653 C*
- Full color digitally printed Vinyl
- glossy lamination
- One (1) unit

**INSTALLATION**



 **PANTONE 653C**

**SQUARE FOOTAGE**

|                      |              |
|----------------------|--------------|
| Sign Height          | 8'-2"        |
| Sign Width           | 24'-0"       |
| <b>TOTAL SQ. FT.</b> | <b>196.0</b> |

I, \_\_\_\_\_ have reviewed the above specifications & hereby fully understand the content of work to be performed

\_\_\_\_\_ / / \_\_\_\_\_  
 Print Name Signature Date

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Aluminum Commercial Frame

**VALLE**  
 SIGNS | AWNINGS | IMAGE  
 55 Decker St. Copiague NY  
 516.408.3440  
 888.254.7322  
 www.vallesigns.com

DATE  
 03-04-2024

REVISION  
 L

PROJECT NAME  


ADDRESS  
 100 Harbor Rd  
 Port Washington NY

SIGN TYPE  
 Aluminum Commercial  
 Frame

PM  
 Linabel

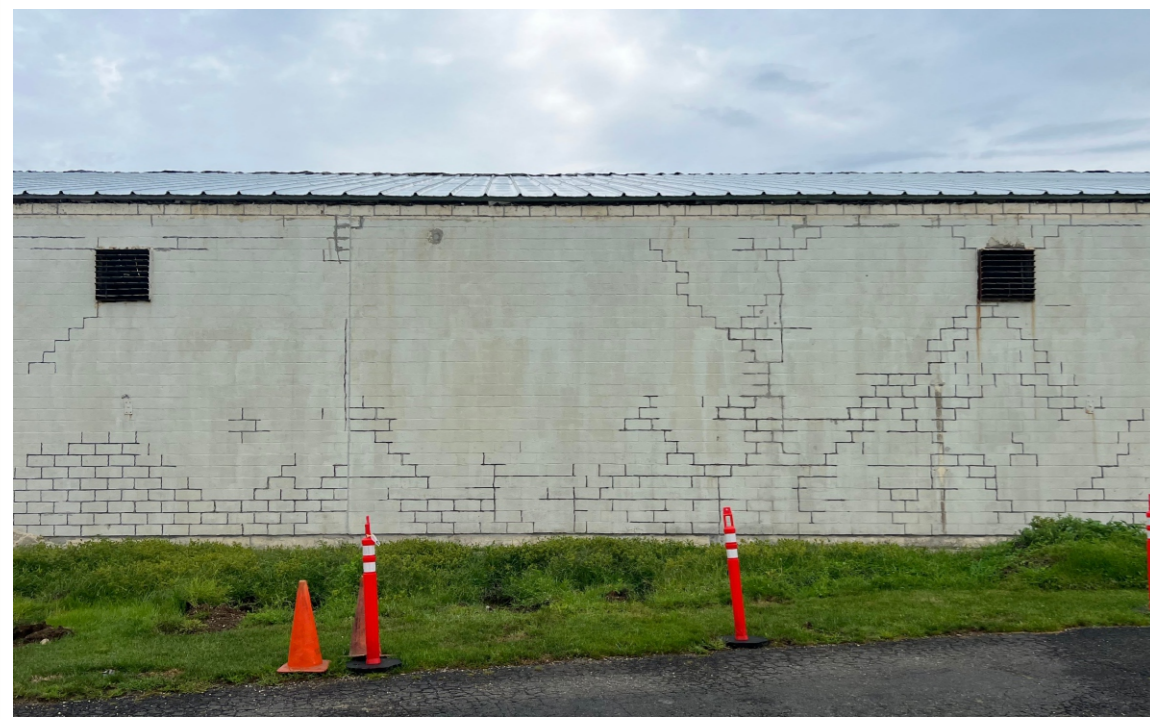
DESIGNER  
 Jonathan

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SCALE  
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 \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 Print Name Signature Date

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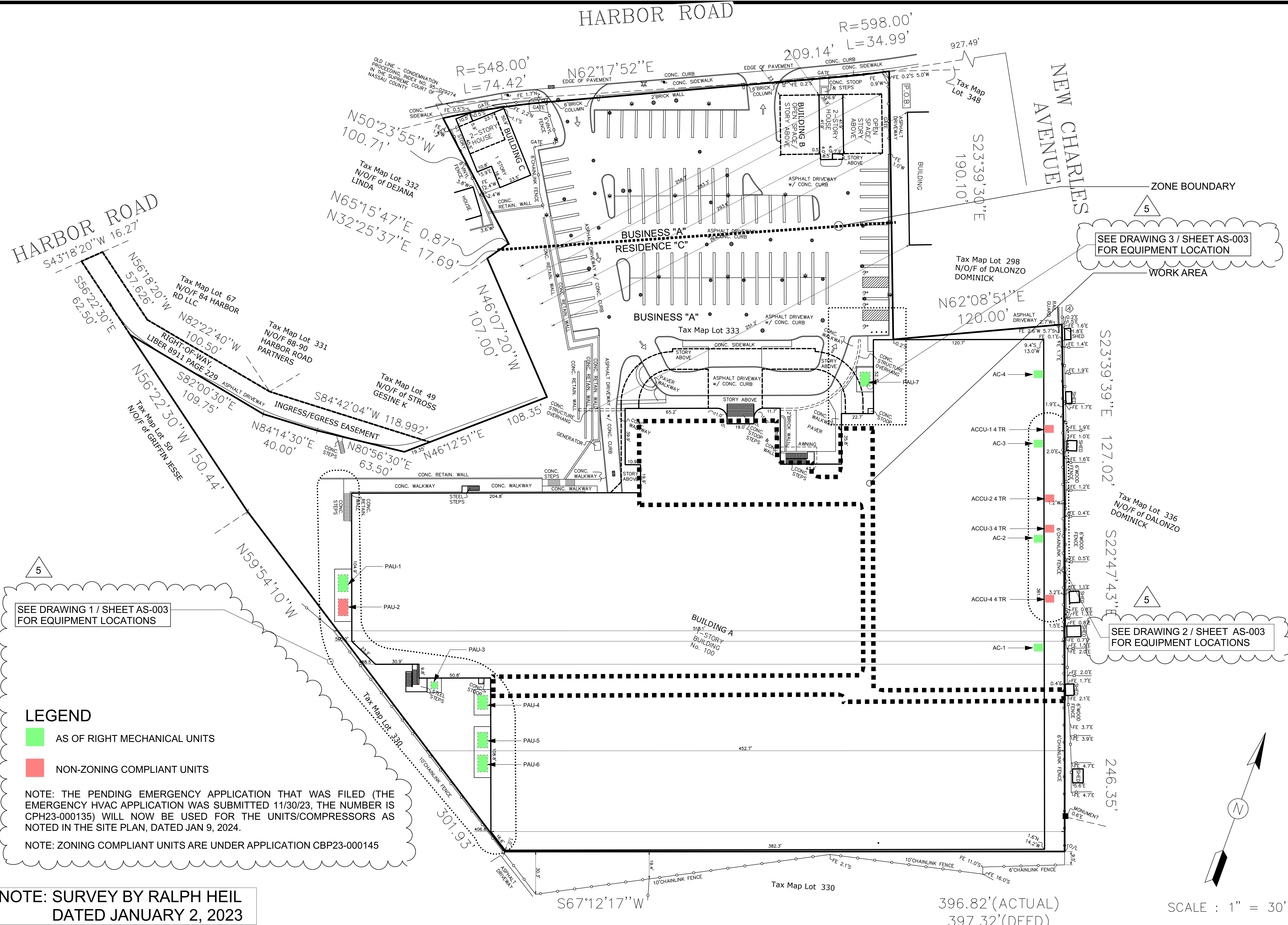
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# HARBOR ROAD



SEE DRAWING 1 / SHEET AS-003 FOR EQUIPMENT LOCATIONS

SEE DRAWING 3 / SHEET AS-003 FOR EQUIPMENT LOCATION

SEE DRAWING 2 / SHEET AS-003 FOR EQUIPMENT LOCATIONS

## LEGEND

- AS OF RIGHT MECHANICAL UNITS
- NON-ZONING COMPLIANT UNITS

NOTE: THE PENDING EMERGENCY APPLICATION THAT WAS FILED (THE EMERGENCY HVAC APPLICATION WAS SUBMITTED 11/30/23, THE NUMBER IS CPH23-000135) WILL NOW BE USED FOR THE UNITS/COMPRESSORS AS NOTED IN THE SITE PLAN, DATED JAN 9, 2024.

NOTE: ZONING COMPLIANT UNITS ARE UNDER APPLICATION CBP23-000145

NOTE: SURVEY BY RALPH HEIL DATED JANUARY 2, 2023

■■■■■■■■■■ WORK AREA

Developer

Project Title  
**Port Washington Tennis Academy**  
 100 Harbor Rd, Port Washington, NY 11050, New York

Architect:  
**RZAPS**  
 RICARDO ZURITA ARCHITECTURE & PLANNING, P.C.  
 13 EAST 40th Street, Suite 900  
 New York, NY 10018  
 (212) 685-2910 / www.rzaps.com

Civil Engineers:  
 Structural Engineers:

MEP Engineers:

Landscape Architects:

Date

04/07/2023  
 10/27/2023  
 12/22/2023  
 01/22/2024  
 02/28/2024

Revision  
 DOB  
 ISSUE FOR CONSTRUCTION  
 PER 12/07/2023 COMM. MTG.  
 COMPLIANCE RESPONSE  
 COMPLIANCE RESPONSE 2

Seal & Signature



DOB Stamp & Signature

Drawing Title  
**SURVEY**

Date: 02/22/2024  
 Project No.: 0366  
 Drawing by: RM/AP/PP/WZ/MM  
 Checked by: RM/RZ  
 Scale: AS NOTED

Drawing No.: **AS-002.00**

DOB BSCAN:







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 FROM 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.
d. LADDERS:
a. 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.
e. 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 SWEEP 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.
f. 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. EYE PROTECTION WILL BE USED WHEN OPERATING POWER TOOLS.
g. POWER TOOLS WILL BE SECURED WHEN NOT BEING USED AND POWER CORDS DISCONNECTED.
h. HAND TOOLS SHALL BE INSPECTED DAILY FOR DEFECTS AND REPAIRED OR REPLACED IMMEDIATELY IF DEFECTIVE.
i. 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 CONTAMINANTS.
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.
h. WORKERS USING WELDING EQUIPMENT MUST WEAR FIRE RETARDANT CLOTHING.
i. 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.
e. THE CONTRACTOR SHALL ARRANGE FOR THE WORKERS TO MEET AT A COMMON AREA TO BE COUNTED AND TO NOTIFY EMERGENCY WORKERS OF MISSING WORKERS.
f. EMERGENCY TELEPHONE NUMBERS SHALL BE POSTED FOR FIRE POLICE AND AMBULANCE.
g. FIRE PREVENTION:
a. 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.
d. FLAMMABLE LIQUIDS ARE TO BE STORED OUTSIDE THE WORK AREAS AND CONTAINED IN METAL CANSISTERS 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.
i. ELECTRICAL HAZARDS:
a. 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.
d. ONLY LICENSED ELECTRICAL WORKERS SHALL CONDUCT ELECTRICAL WIRING AND INSTALLATION OF FIXTURES.
e. 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.
h. 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.
i. 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.
j. 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.
b. 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 ADDITIONAL COST WILL BE ADDED TO THE PROJECT DUE TO THE CONTRACTOR'S OVERSIGHT IN VERIFICATION OF EXISTING CONDITIONS.
6. THE ENGINEER/ARCHITECT OF RECORD SHALL BE NOTIFIED FOR ANY INSPECTIONS.
7. THE GENERAL CONTRACTOR SHALL MAINTAIN INSURANCE COVERAGE IN ACCORDANCE WITH THE BUILDING OWNER'S REQUIREMENTS.
8. 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.
9. BEFORE COMMENCING WORK, CONTRACTOR SHALL FILE ALL NECESSARY CERTIFICATES OF INSURANCE AND FAMILIARIZE HIMSELF WITH THE BUILDING RULES AND REGULATIONS.
10. 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
15. 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 CONSTRUCTION.
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. 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.
4. MATERIALS:
A. ALL WOOD FRAMING, BLOCKING, SHEATHING, ETC. TO BE CERTIFIED PRESSURE TREATED FIRE RETARDANT IF REQUIRED BY LOCAL AUTHORITY.
B. ALL MATERIALS MANUFACTURED ARTICLES AND EQUIPMENT SPECIFIED ON THE PLANS SHALL BE INSTALLED OR APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS UNLESS MORE RESTRICTIVE CONDITIONS BY LOCAL LAWS PREVAIL.
C. ALL INTERIOR FINISHES TO HAVE FLAME SPREAD RATINGS 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.

- 1. 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

Table with 3 columns: Drawing Number, Description, and Date. Includes items like GENERAL NOTES, ZONING - ANALYSIS & PLOT PLAN, ADA NOTES, ADA CIRCULATION PLAN, OCCUPANCY PLAN, EGRESS PLAN & CIRCULATION, DEMOLITION PLAN & NOTES, EXISTING CELLAR PLAN, PROPOSED PLAN & NOTES, FIXTURE PLAN & SCHEDULE, FINISH PLAN & NOTES & SCHEDULE, REFLECT CEILING PLAN & SCHEDULE, CONSTRUCTION DETAILS, STRUCTURAL PLAN AND DETAILS, PROPOSED LIGHTING PLAN & NOTES, PROPOSED OUTLET PLAN & NOTES, ELECTRIC DETAILS, WATER SUPPLY PLAN, SANITARY PLAN, PLUMBING RISER DIAGRAM, PLUMBING DETAILS.

CLIMATE ZONE TABLE

Table with 2 columns: COUNTY and CLIMATE ZONE. Row: NASSAU, 4.

BUILDING CODE DATA

Table with 2 columns: TYPE OF CONSTRUCTION (CHAPTER 6) - TYPE II - ORDINARY CONSTRUCTION (602.3) and USE & OCCUPANCY CLASSIFICATION (CHAPTER 3) - ASSEMBLY GROUP "A-2"

CONSTRUCTION CLASSIFICATION

Table 601 - FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENT (HOURS). Columns: BUILDING ELEMENTS, TYPE I, TYPE II, TYPE III, TYPE IV, TYPE V. Rows: STRUCTURE FRAME, BEARING WALL, NONBEARING WALLS & PARTITION - INTERIOR, NONBEARING WALLS & PARTITION - EXTERIOR, FLOOR CONSTRUCTION, ROOF CONSTRUCTION.

Table 602 - FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS. Columns: FIRE SEPARATION DISTANCE (FT), TYPE OF CONSTRUCTION, GROUP H, GROUP F-1, M, S-1, GROUP A, B, E, F-2, I, R, S-2, U.

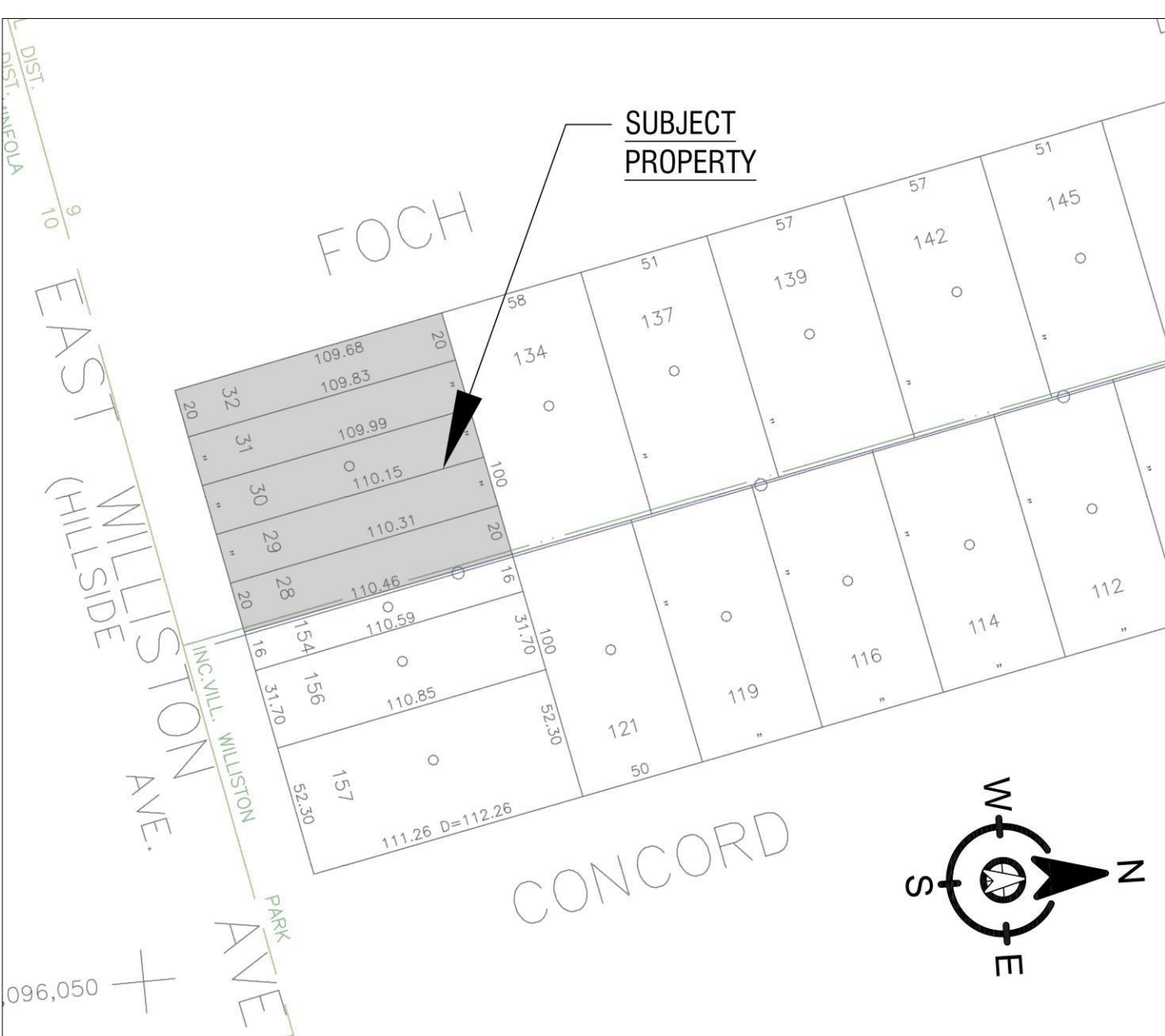
SCOPE OF WORK

- FILE APPLICATION TO MAINTAIN THE EXIST'G TAKE-OUT RESTAURANT WITH WORK @01
REMEDY STOP WORKING ORDER.
WORK INVOLVING IN INTERIOR PARTITION & PLUMBING WORK AS PER PLAN FILED HEREWITH.

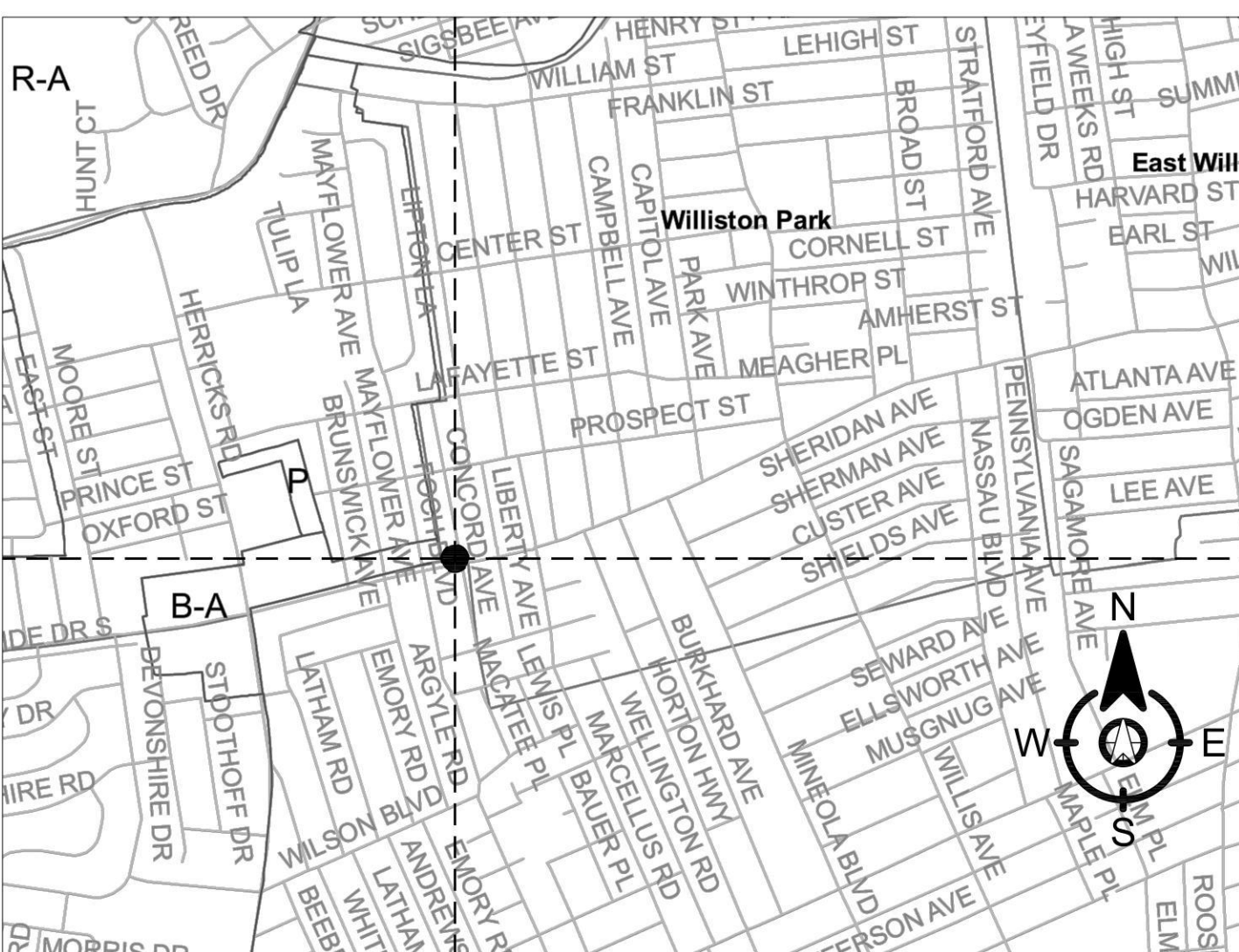
PROPERTY INFO

344 HILLSIDE AVE.
WILLISTON PARK, NY 11596

Table with 2 columns: SECTION and Value. Rows: BLOCK (142), LOT (28), LOT AREA (11107.58 SQ FT), ZONING DISTRICT (BUSINESS-A), NUMBER OF STROIES (1.0).



TAX MAP SCALE: N.T.S.



ZONING MAP SCALE: N.T.S.

#21546



36-09 MAIN STREET SUITE 60 WILLISTON PARK NY 11596 T: 716-798-9801 E: INFO@HTASSOCIATES.NET

Table with 2 columns: DATE and REVISION.

OWNER NAME OWNER INFO

PROJECT ADDRESS: 344 HILLSIDE AVE. WILLISTON PARK, NY 11596 SECTION: 9; BLOCK: 142; LOT: 28

GENERAL NOTES & KEY MAPS

SHEET NO.: T-100.00

PAGE: Page 1 of 21
DATE ISSUED: 3/25/2024
DATE CREATED: 11/28/2022
SCALE: AS NOTED
DRAWN BY: LW
CHECKED BY: KY FU
JOB #: 23043



DISAPPROVED
Michael Maracic
04/01/2024

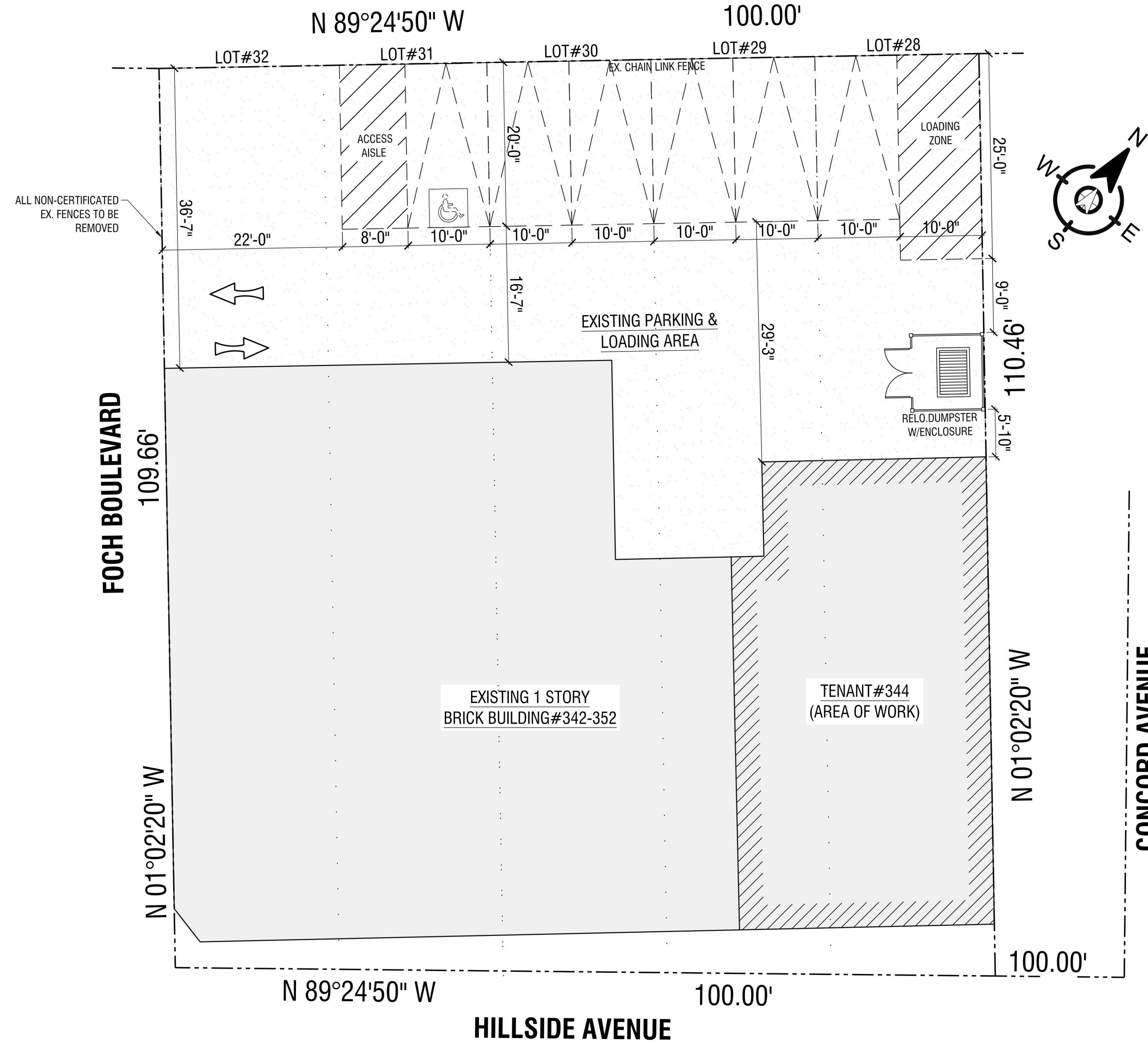
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| ZONING INFORMATION    |                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
|                       | 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 FT.....OK                                                        |
| 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-OUT RESTAURANT                   | 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.) |



1 PLOT PLAN  
SCALE: 1/8" = 1'-0"

**DISAPPROVED**  
Michael Maracic  
04/01/2024



36-09 MAIN STREET, SUITE 60  
LITTLE ROCK, AR 72114  
T: 716-798-9901  
E: INFO@HITASSOCIATES.NET

| DATE | REVISION | # |
|------|----------|---|
|      |          |   |

OWNER NAME  
OWNER INFO

CLIENT:  
PROJECT ADDRESS:  
344 HILLSIDE AVE.  
WILLISTON PARK, NY 11596  
SECTION: 9, BLOCK: 142, LOT: 28

DRAWING TITLE:  
PLOT PLAN &  
ZONING  
ANALYSIS

SHEET NO.:  
Z-100.00

PAGE: Page 2 of 21  
DATE ISSUED: 3/25/2024  
DATE CREATED: 11/28/2022  
SCALE: AS NOTED  
DRAWN BY: LW  
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JOB #: 23043



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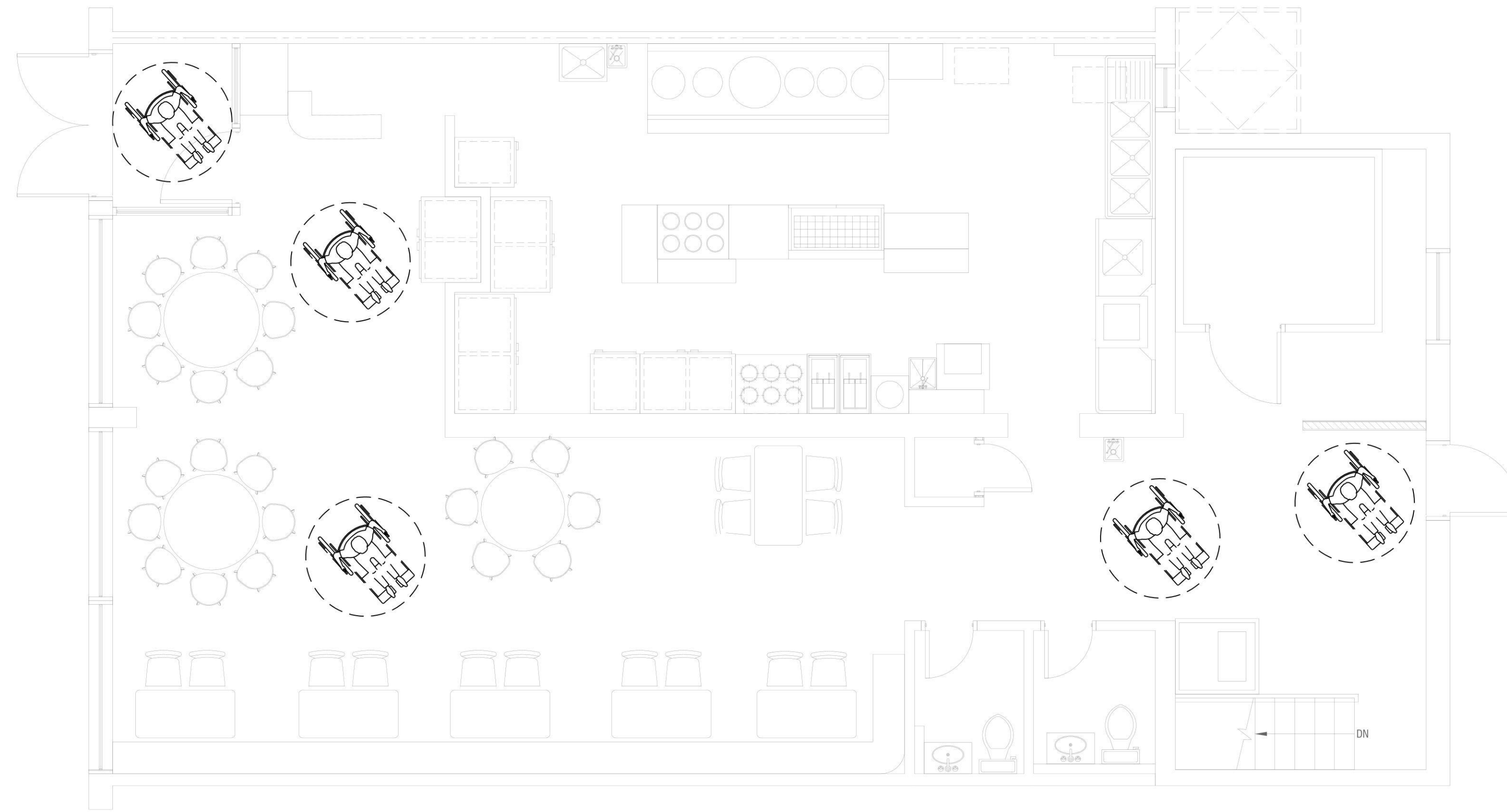
**ADA NOTES**

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

**SHEET NOTES**

1. GC SHALL BE RESPONSIBLE FOR ACQUIRING AND INSTALLING NEW TACTILE EXIT SIGNS.
2. A TACTILE SIGN STATING "EXIT" AND COMPLYING WITH CHAPTER 11 OF THE BCYS 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 ACCESSIBILITY PLAN**  
SCALE: 1/4" = 1'-0"

**DISAPPROVED**  
  
Michael Maracic  
04/01/2024



36-09 MAIN STREET, SUITE 80  
WILLISTON PARK, NY 11596  
T: 716-798-9901  
E: INFO@HTASSOCIATES.NET

| DATE |
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| REVISION |
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| # |
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|   |

**OWNER NAME**  
OWNER INFO

**PROJECT ADDRESS:**  
344 HILLSIDE AVE.  
WILLISTON PARK, NY 11596  
SECTION: 9, BLOCK: 142, LOT: 28

**DRAWING TITLE:**  
**HANDICAP ACCESSIBILITY PLAN**

**SHEET NO.:**  
G-200.00

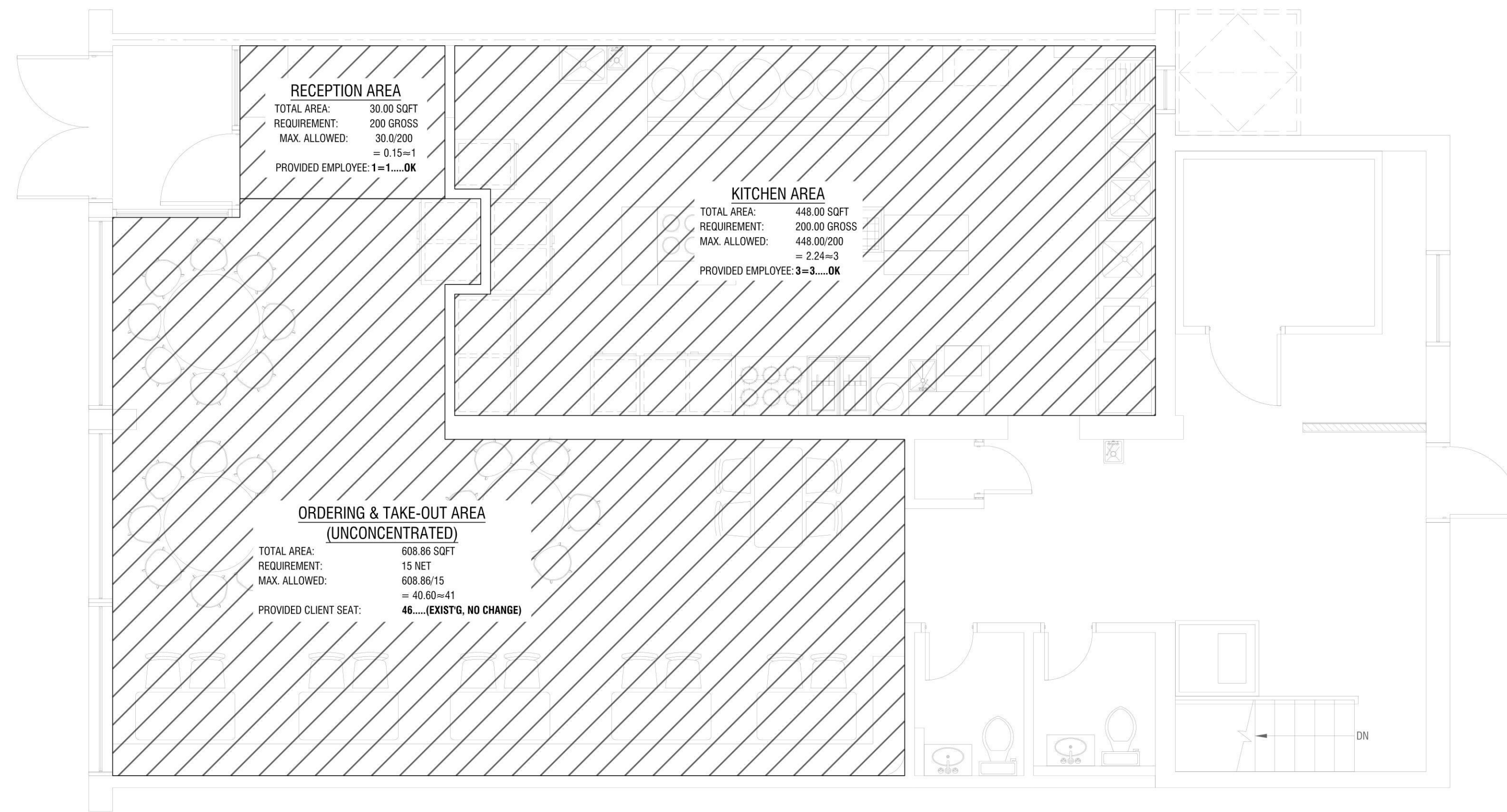
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| OCCUPANCY LOAD CALCULATIONS - 2022 BUILDING CODE OF NEW YORK CITY - TABLE 1004.5<br>(OCCUPANT LOAD CALCULATIONS ARE ROUNDED UP) |                      |                                                 |                                  |                   |                           |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------|----------------------------------|-------------------|---------------------------|
| 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)              |
|                                                                                                                                 |                      |                                                 |                                  |                   | <b>46 TOTAL SEATS</b>     |
| 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                         |
| <b>TOTAL</b>                                                                                                                    |                      |                                                 |                                  | <b>45 ALLOWED</b> | <b>49 TOTAL OCCUPANTS</b> |



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

**DISAPPROVED**  
 Michael Maracic  
 04/01/2024



36-02 MAIN STREET, SUITE 60  
 WILLISTON PARK, NY 11596  
 T: 716-798-9901  
 E: INFO@HITASSOCIATES.NET

| DATE |
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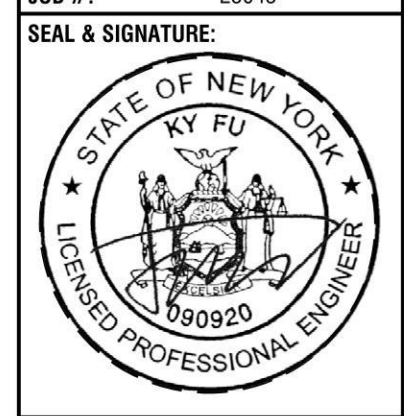
OWNER NAME  
 OWNER INFO

CLIENT:  
 344 HILLSIDE AVE.  
 WILLISTON PARK, NY 11596  
 SECTION: 9, BLOCK: 142, LOT: 28

DRAWING TITLE:  
**OCCUPANCY PLAN**

SHEET NO.:  
**G-201.00**

PAGE: Page 5 of 21  
 DATE ISSUED: 3/25/2024  
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| LEGEND |                            |
|--------|----------------------------|
|        | 3 HEADS EMERGENCY LIGHTING |
|        | TENANT LINE                |
|        | EGRESS ROUTE               |

**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 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.
- 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**

- TRAVEL DISTANCE WITHIN THE EXIT ACCESS PORTION OF THE MEANS OF EGRESS SYSTEM SHALL BE IN ACCORDANCE WITH TABLE 1017.2 OF 2022 NYCBC.
- 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.

| OCCUPANCY          | WITHOUT SPRINKLER SYSTEM (FEET) | WITH SPRINKLER SYSTEM (FEET) |
|--------------------|---------------------------------|------------------------------|
| A                  | SEE SECTIN 1029.7               |                              |
| E, F-1, M, R, S-1  | 150.0                           | 200.0                        |
| B                  | 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                        |

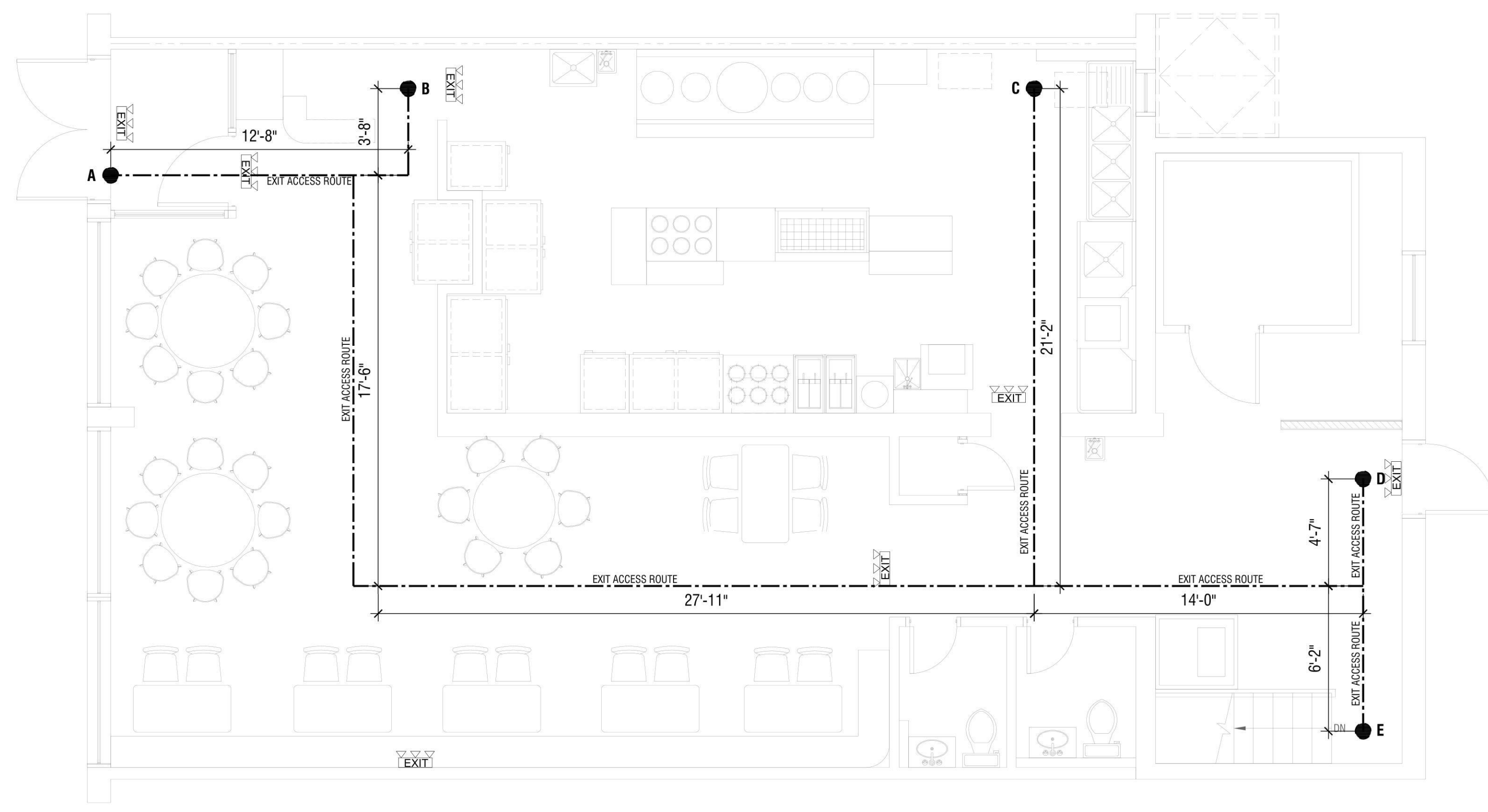
**TRAVEL DISTANCE**  
MAX. TRAVEL DISTANCE FOR OCCUPANCY GROUP B :

300'-0" (WITH SPK. SYSTEM)  
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: 47.50'  
MIN. DISTANCE BETWEEN EGRESS: 47.50'/2=23.75'  
TOTAL EXITS: 2(EXIST'G)  
DISTANCE EXIST'G BETWEEN EXITS: 23.83">23.75'  
THEREFORE, TOTAL EFFICACIOUS EGRESS EXIT:2



1 EXIT TRAVEL PLAN  
SCALE: 1/4" = 1'-0"

**DISAPPROVED**  
Michael Maracic  
04/01/2024



36-09 MAIN STREET SUITE 50  
LINDEN HILLS, NY 11753  
T: 716-798-9901  
E: INFO@HTASSOCIATES.NET

| DATE |
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| REVISION |
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OWNER NAME  
OWNER INFO

CLIENT:  
344 HILLSIDE AVE.  
WILLISTON PARK, NY 11596  
SECTION: 9, BLOCK: 142, LOT: 28

DRAWING TITLE:  
**EMERGENCY ESCAPE PLAN**

SHEET NO.:  
G-202.00

PAGE: Page 6 of 21  
DATE ISSUED: 3/25/2024  
DATE CREATED: 11/28/2022  
SCALE: AS NOTED  
DRAWN BY: LW  
CHECKED BY: KY FU  
JOB #: 23043

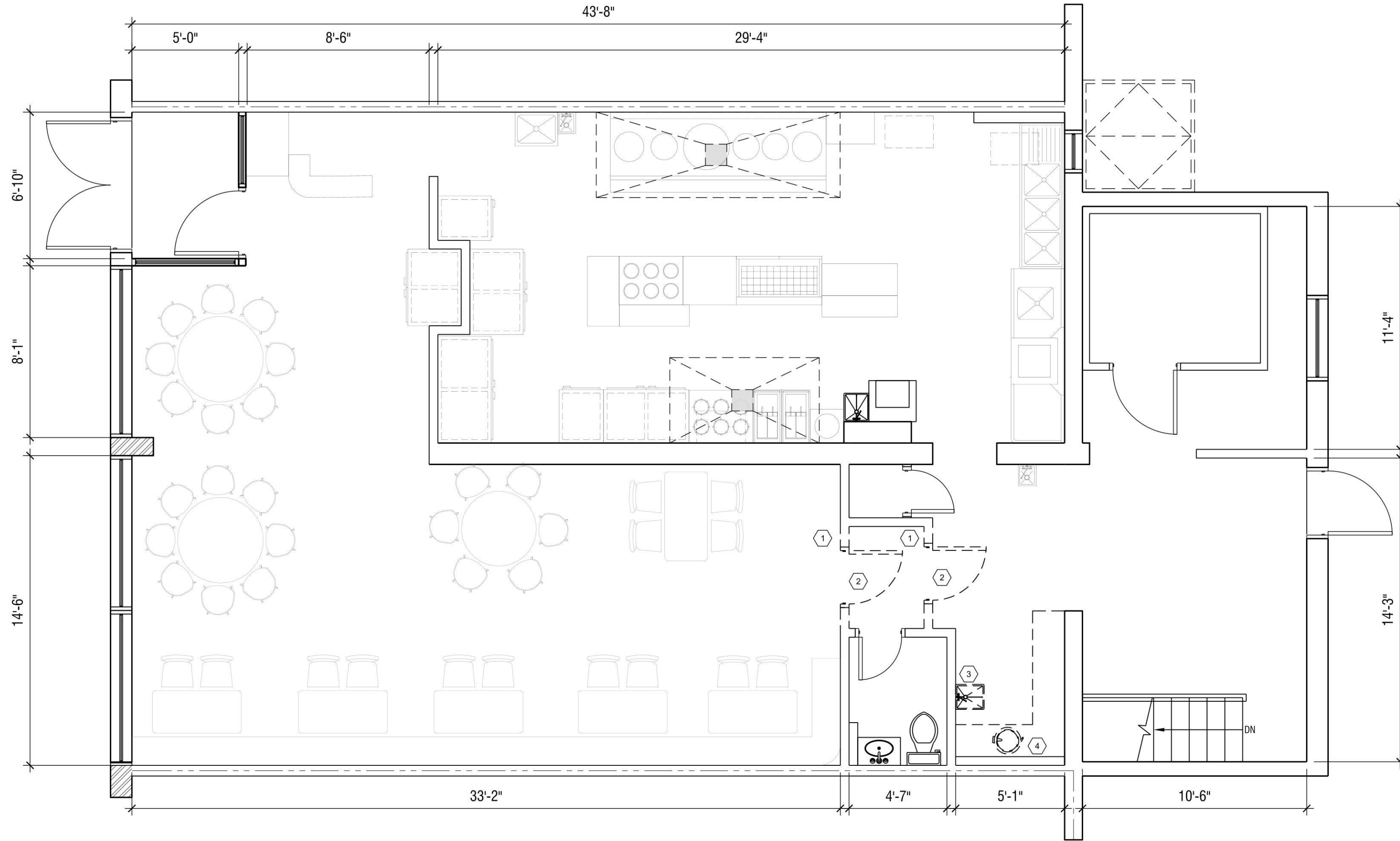


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| DEMOLITION LEGEND |                                          |
|-------------------|------------------------------------------|
|                   | EXIST'G WALL/PARTITION TO REMAIN         |
|                   | EXIST'G WALL/PARTITION TO BE REMOVED     |
|                   | EXIST'G WOOD BEAM TO REMAIN              |
| DEMOLITION SYMBOL |                                          |
|                   | INTERIOR PARTITIONS TO BE REMOVED        |
|                   | DOOR TO BE REMOVED                       |
|                   | PLUMBING FIXTURES TO BE CAPPED & REMOVED |
|                   | ELEC. FIXTURE BE REMOVED                 |

| DEMOLITION 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 SHALL BE CARTED AWAY. |
| 2.               | 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 OBTAINED 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 OWNERS 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.               | INSTALL DUSTPROOF PARTITIONS AS PER GENERAL NOTES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 7.               | 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 SHALL BE PATCHED AS REQUIRED TO MATCH ADJACENT SURFACE AND PAINTED TO MATCH CONTIGUOUS AREA.           |
| 8.               | CONTRACTOR SHALL REMOVE ALL ELECTRICAL AND TELEPHONE OUTLET SWITCHES, CONDUITS, ETC. IN PARTITIONS INDICATED FOR DEMOLITION.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 9.               | BEFORE STARTING ANY WORK RELATING TO EXISTING UTILITIES (ELECTRICAL, WASTE, WATER, HEAT, ETC.) THAT WILL TEMPORARILY 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 RESULTING 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 14.              | BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING STRUCTURE OR CONTENT DUE TO INSUFFICIENCY OF PROTECTION PROVIDED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 15.              | PROVIDE ADEQUATE FIRE PROTECTION IN ACCORDANCE WITH LOCAL FIRE DEPARTMENT REQUIREMENTS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 16.              | CONTRACTOR SHALL PROVIDE FLOOR CUT-OUT (CHOPPING OR CORE DRILLING) AND PATCHING REQUIRED FOR THE INSTALLATION OF ALL WORK.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 17.              | 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.              | ANY OTHER DAMAGED SURFACES SHALL BE REPAIRED TO THE SATISFACTION OF ARCHITECT / OWNER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 19.              | 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 FOR PERFECTLY SMOOTH, FLUSH, ALIGNED SURFACES.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 20.              | CONTRACTOR SHALL FLASH PATCH ALL FLOOR SURFACES TO RECEIVE FINISHED MATERIALS INDICATED IN PROJECT DOCUMENTS INCLUDING FLOOR MATERIALS BEING SUPPLIED AND INSTALLED BY OWNERS CONTRACTORS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 21.              | DEMOLISH IN AN ORDERLY AND CAREFUL MANNER AS REQUIRED TO ACCOMMODATE NEW WORK, AND PROTECT EXISTING SUPPORTING STRUCTURAL MEMBERS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 22.              | 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 RE-CIRCUIT THESE FOR REACTIVATION, UNLESS OTHERWISE NOTED, ALL EXISTING FLOOR OUTLETS SHALL BE CAPPED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 23.              | ANY EXISTING WORK INTERFERING WITH NEW WORK SHOWN IN PROJECT DOCUMENTS SHALL BE REMOVED, REWORKED AND/OR RELOCATED (TO ARCHITECT'S SATISFACTION) TO CONFORM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 24.              | WITHIN THE PROJECT AREA ALL EXPOSED WIRING, METAL MOLDING, PIPING, PLUMBING FIXTURES, ROUGHING AND OTHER APPURTENANCES NOT SHOWN ON PROJECT DOCUMENTS TO REMAIN SHALL BE REMOVED AND CARTED AWAY BY THE GENERAL CONTRACTOR OR STORED AS DIRECTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 25.              | 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 OR PLASTER PATCHED TO RECEIVE NEW WALL TREATMENT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 26.              | ANY UNEVENNESS IN PARTITIONS TO REMAIN SHALL BE SANDED OR CHIPPED AWAY AND SURFACES PATCHED OR SPACKLED TO INSURE A PERFECTLY SMOOTH SURFACE. ARCHITECT / OWNER SHALL APPROVE SURFACE PRIOR TO THE APPLICATION OF FINISH WALL TREATMENT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 27.              | THE CONTRACTOR SHALL DO ALL CUTTING, FITTING AND PATCHING OF HIS WORK THAT MAY BE 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.              | REPAIR ALL DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED AT NO COST TO THE OWNER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 30.              | DO NOT INTERFERE WITH THE USE OF ADJACENT AREAS, MAINTAIN FREE AND SAFE PASSAGE TO AND FROM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 31.              | CEASE OPERATIONS AND NOTIFY THE ARCHITECT / ENGINEER AND LANDLORD IMMEDIATELY, IF SAFETY OF STRUCTURE APPEARS TO BE ENDANGERED. TAKE PRECAUTIONS TO PROPERLY SUPPORT STRUCTURE. DO NOT RESUME OPERATION UNTIL SAFETY IS RESTORED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 32.              | REMOVE DEMOLISHED MATERIALS, TOOLS AND EQUIPMENTS, ETC. FROM THE SITE UPON COMPLETION OF WORK. REMOVE HAZARDOUS MATERIALS AND DISPOSE OF BY SAFE MEANS SO AS NOT TO ENDANGER HEALTH OF WORKERS OR PUBLIC. COMPLY WITH ALL RULES AND REGULATIONS OF GOVERNMENT AUTHORITIES HAVING JURISDICTION OVER HAZARDOUS AND NON-HAZARDOUS DEMOLISHED 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.              | CONTRACTOR SHALL PROVIDE METAL LATH AND PLASTER OVER ALL NEW CONDUIT CHASES IN MASONRY PARTITIONS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 34.              | ALL EXISTING AREAS TO REMAIN AND EXISTING AREAS AFFECTED BY DEMOLITION OR NEW CONSTRUCTION WORK SHOWN ON DRAWINGS SHALL BE PATCHED AS REQUIRED TO MATCH IMMEDIATE ADJACENT AREAS IN CONSTRUCTION, MATERIALS, FIRE RATING, FINISH AND COLOR, UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 35.              | CONTRACTOR SHALL CAP AND FLUSH OFF ALL PROJECTING PLUMBING, FLOOR ELECTRICAL AND 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 FOR THEIR INSTALLATION.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 37.              | DURING DEMOLITION AND CONSTRUCTION, EXISTING FIRE AND SMOKE DETECTION SYSTEMS WITHIN PROJECT AREAS ARE TO BE REMAIN OPERATION.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



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

**DISAPPROVED**  
Michael Maracic  
04/01/2024



36-02 MAIN STREET, SUITE 60  
LITTLE ROCK, AR 72104  
T: 712-792-9901  
E: INFO@HITASSOCIATES.NET

| DATE |
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| REVISION |
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OWNER NAME  
OWNER INFO  
**344 HILLSIDE AVE.**  
**WILLISTON PARK, NY 11596**  
SECTION: 9; BLOCK: 142; LOT: 28

| PROJECT ADDRESS: |
|------------------|
|                  |

| DRAWING TITLE:                     |
|------------------------------------|
| <b>DEMOLITION PLAN &amp; NOTES</b> |

| SHEET NO.:       |
|------------------|
| <b>DM-100.00</b> |

| PAGE:        |
|--------------|
| Page 7 of 21 |

| DATE ISSUED: |
|--------------|
| 3/25/2024    |

| DATE CREATED: |
|---------------|
| 11/28/2022    |

| SCALE:   |
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| AS NOTED |

| DRAWN BY: |
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| LW        |

| CHECKED BY: |
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| KY FU       |

| JOB #: |
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| 23043  |

SEAL & SIGNATURE:



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| LEGEND |                                                                                                               |  |                      |
|--------|---------------------------------------------------------------------------------------------------------------|--|----------------------|
|        | EX. EXTERIOR WALL                                                                                             |  |                      |
|        | EX. FOUNDATION WALL                                                                                           |  |                      |
|        | EX. TENANT WALL                                                                                               |  |                      |
|        | EX. WALK-IN COOLER PANEL (TO BE PROVIDED BY MANUFACTURER)                                                     |  |                      |
|        | EX. INTERIOR WALL - NON FIRE RATED                                                                            |  |                      |
|        | EX. INTERIOR WALL - 2HR FIRE RATED                                                                            |  |                      |
|        | EX. LOAD BEARING WALL                                                                                         |  |                      |
|        | INTERIOR WALL (NON FIRE RATED)<br>3-5/8" (2X 24) METAL STUDS @ 16" O.C. W/<br>(1) 1/2" GYP. BD. ON BOTH SIDES |  |                      |
| SYMBOL |                                                                                                               |  |                      |
|        | EXHAUST FAN                                                                                                   |  | EMERGENCY EXIT LIGHT |
|        | FLOOR DRAIN                                                                                                   |  | ELEC. PANEL          |
|        | FLOOR SINK                                                                                                    |  | 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 INSERS, 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 WATERPROOFING 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 WHEREVER POSSIBLE. CURING TIMES SHOULD BE SCHEDULED. COORDINATE WITH SPECIFIC LIQUID OR SHEET SYSTEM(S). MEMBRANE SKIN SHOULD BE VEHEMENTLY PROTECTED AS THE FLOORING IS BEING INSTALLED.
- 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, STAIRS, FURRING, PIPE SPACES ETC. THAT WOULD PERMIT THE PASSAGE OF FLAME, SMOKE, FUMES, OR HOT GASSES FROM ONE FLOOR TO ANOTHER OR ROOF SPACE, OR FROM ONE CONCEALED AREA TO ANOTHER SHALL BE FIRESTOPPED TO FORM AN EFFECTIVE BARRIER OR SHALL BE FILLED WITH NON-COMBUSTIBLE MATERIAL.
- EXTERIOR CORNERS AND EAVES SHALL BE FIRESTOPPED AT THE ENDS OF PARTY WALLS.

**ADA NOTES**

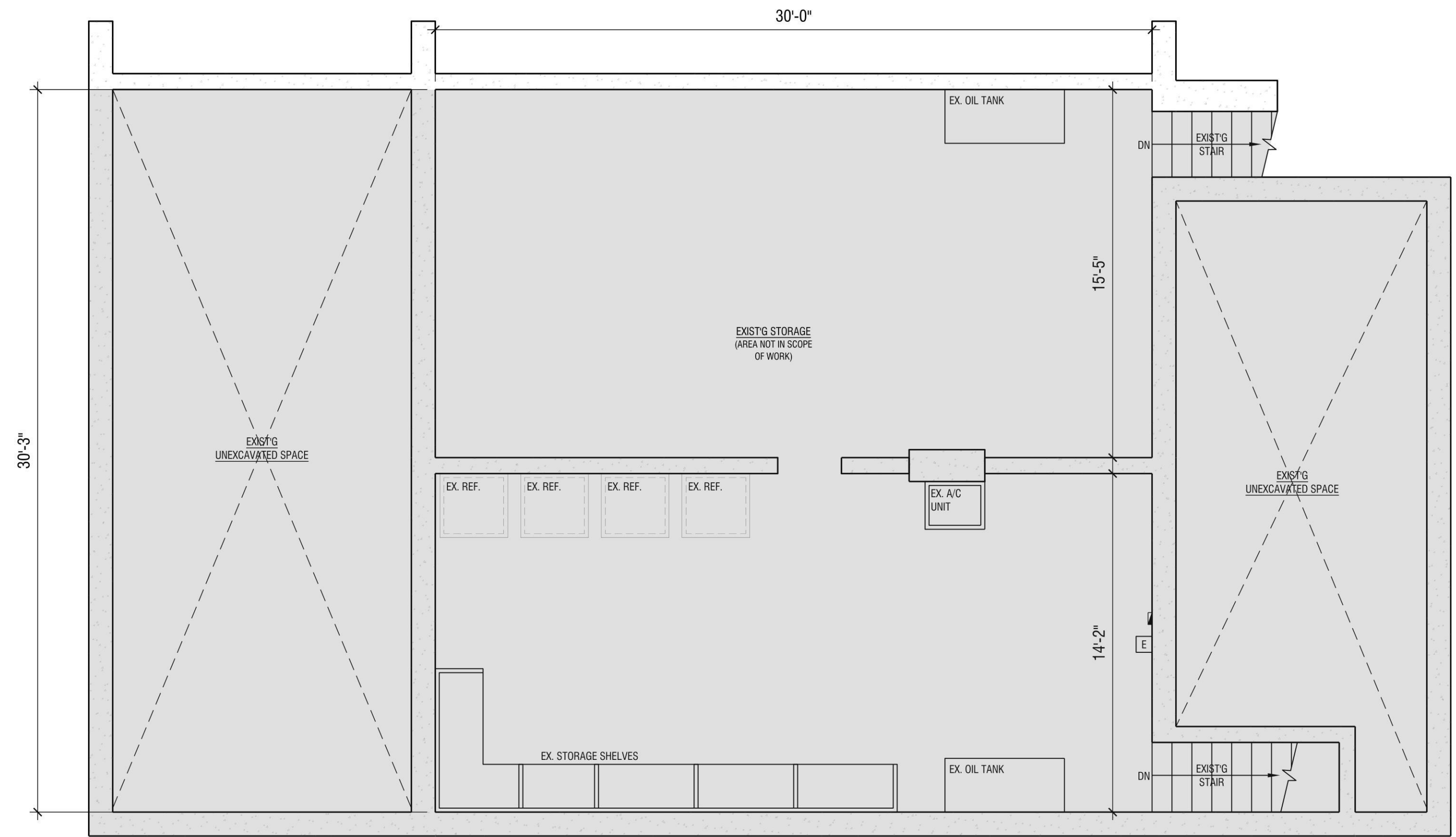
- THE GENERAL CONTRACTOR SHALL ACQUAINT HIMSELF WITH THE HANDICAPPED REQUIREMENTS FOR THE APPLICABLE STATES AND THE AMERICAN DISABILITIES ACT (ADA) AND SHALL INSURE THAT THIS FACILITY WILL BE ACCESSIBLE. ACCORDING TO THE STRICTER REQUIREMENTS OF THE APPLICABLE STANDARDS. THE FOLLOWING IS A PARTIAL LIST 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 PENEED 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 72" IN CLEAR HEIGHT. INSTALL MIRROR 36" ABOVE THE FINISHED FLOOR (TO BOTTOM) AND 72" TO TOP.
    - TOILET PAPER DISPENSERS MOUNTED 19" MIN. TO CENTER LINE ABOVE THE FLOOR.

**PROPOSED PLAN ADDITIONAL NOTES**

- MOP SINK IS PROVIDED AS PER CODE. ALL MAINTENANCE EQUIPMENT WILL BE PROVIDED AND STORED IN PROPOSED OFFICE & EXIST'G CELLAR STORAGE AREA.
- RESTAURANT UTENSILS/SAN WILL BE PROVIDED FOR PREPARE/SERVE FOOD TO ELIMINATED BARE HAND CONTACT AND PREVENT CONTAMINATION.
- 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 S1 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.
- COVE MOLDINGS WILL BE INSTALLED AT ALL FLOOR/WALL JUNCTURES. THE COVE MOLDING SHOULD PROVIDE AT LEAST 1/4" RADIUS AND BE AT LEAST 4" IN HEIGHT.
- 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.
- 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.



1 EXIST'G CELLAR PLAN  
SCALE: 1/4" = 1'-0"

**DISAPPROVED**  
Michael Maracic  
04/01/2024



36-02 MAIN STREET, SUITE 60  
LITTLE HUNYONG, NY 11596  
T: 716-798-9901  
E: INFO@HITASSOCIATES.NET

| DATE |
|------|
|      |

| REVISION |
|----------|
|          |

CLIENT: OWNER NAME  
OWNER INFO  
344 HILLSIDE AVE.  
WILLISTON PARK, NY 11596  
SECTION: 9, BLOCK: 142, LOT: 28

DRAWING TITLE:  
**PROPOSED PLAN**

SHEET NO.:  
A-100.00

|               |              |
|---------------|--------------|
| PAGE:         | Page 8 of 21 |
| DATE ISSUED:  | 3/25/2024    |
| DATE CREATED: | 11/28/2022   |
| SCALE:        | AS NOTED     |
| DRAWN BY:     | LW           |
| CHECKED BY:   | KY FU        |
| JOB #:        | 23043        |



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| LEGEND |                                                                                                               |
|--------|---------------------------------------------------------------------------------------------------------------|
|        | EX. EXTERIOR WALL                                                                                             |
|        | EX. FOUNDATION WALL                                                                                           |
|        | EX. TENANT WALL                                                                                               |
|        | EX. WALK-IN COOLER PANEL (TO BE PROVIDED BY MANUFACTURER)                                                     |
|        | EX. INTERIOR WALL - NON FIRE RATED                                                                            |
|        | EX. INTERIOR WALL - 2HR FIRE RATED                                                                            |
|        | EX. LOAD BEARING WALL                                                                                         |
|        | INTERIOR WALL (NON FIRE RATED)<br>3-5/8" (26 GA) METAL STUDS @ 16" O.C. W/<br>(1) 1/2" GYP. BD. ON BOTH SIDES |

| SYMBOL |                      |
|--------|----------------------|
|        | EXHAUST FAN          |
|        | EMERGENCY EXIT LIGHT |
|        | FLOOR DRAIN          |
|        | ELEC. PANEL          |
|        | FLOOR SINK           |
|        | 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 INSERTS, 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 WATERPROOFING 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 CAN BE 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 WHEREVER POSSIBLE. CURING TIMES SHOULD BE SCHEDULED. COORDINATE WITH SPECIFIC LIQUID OR SHEET SYSTEM(S). MEMBRANE SKIN SHOULD BE VEHEMENTLY PROTECTED AS THE FLOORING IS BEING INSTALLED.
- 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.

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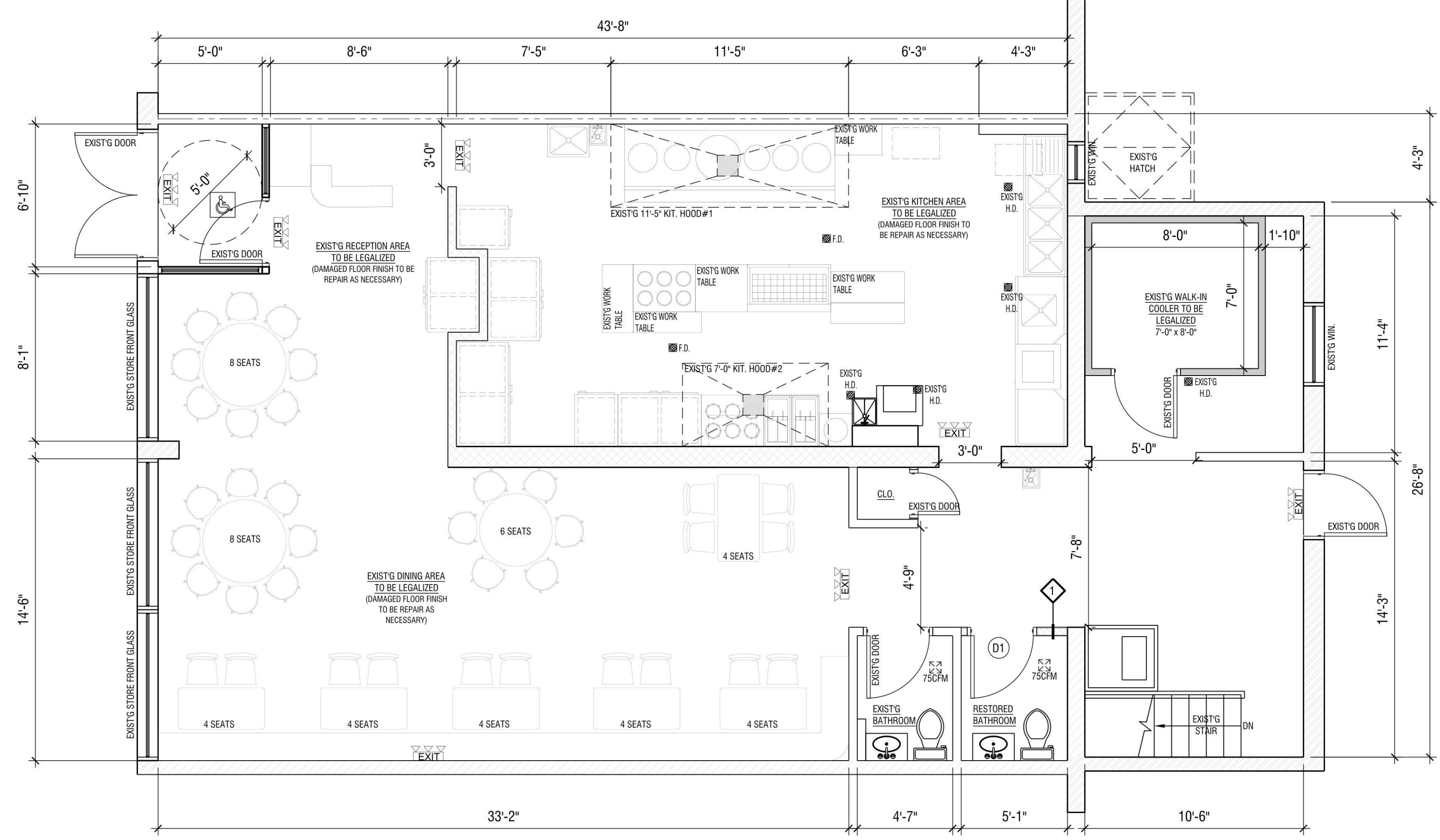
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**1 PROPOSED 1ST FL. PLAN**  
SCALE: 1/4" = 1'-0"

**DISAPPROVED**  
Michael Maracic  
04/01/2024

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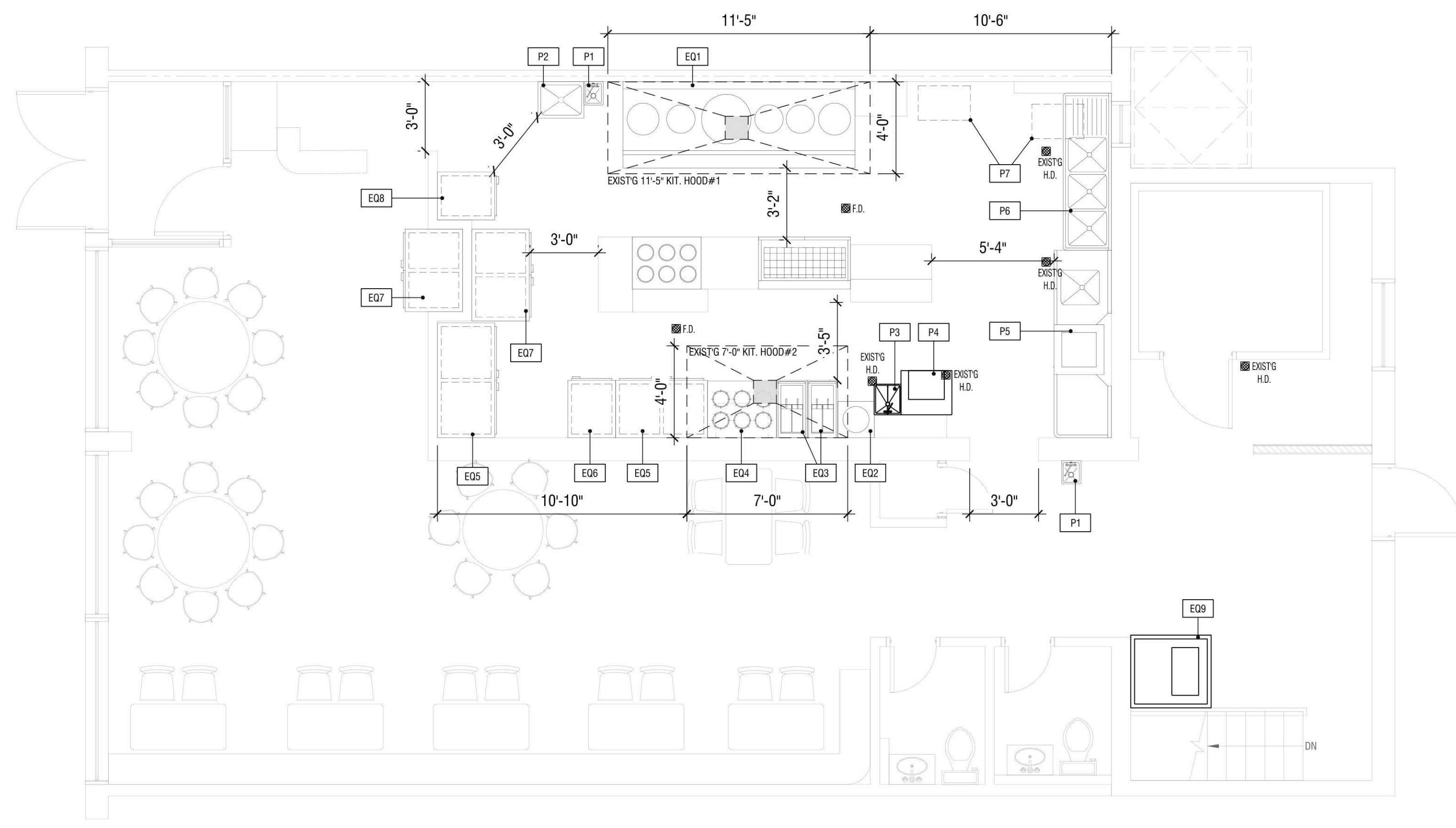
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| KITCHEN EQUIPMENT SCHEDULE |                              |              |             |      |             |       |                           |
|----------------------------|------------------------------|--------------|-------------|------|-------------|-------|---------------------------|
| NO.                        | ITEM DESCRIPTION             | MANUFACTURER | MODEL NO.   | QTY. | SIZE        | BTU/H | LOCATION                  |
| E01                        | EXIST'G WOK STATION          | -            | -           | 1    | -           | -     | KITCHEN AREA              |
| E02                        | EXIST'G GAS RICE COOKER      | -            | -           | 1    | -           | -     | KITCHEN AREA              |
| E03                        | EXIST'G GAS FRYER            | -            | -           | 2    | -           | -     | KITCHEN AREA              |
| E04                        | EXIST'G 6-EYE GAS BURNER     | -            | -           | 1    | -           | -     | KITCHEN AREA              |
| E05                        | EXIST'G LOW-BOY              | -            | -           | 1    | -           | -     | KITCHEN AREA              |
| E06                        | EXIST'G FREEZER              | -            | -           | 1    | -           | -     | KITCHEN AREA              |
| E07                        | EXIST'G COOLER(LARGE)        | -            | -           | 2    | -           | -     | RECEPTION AREA            |
| E08                        | EXIST'G COOLER(SMALL)        | -            | -           | 1    | -           | -     | RECEPTION AREA            |
| E09                        | REFRIGERATED WASTE CONTAINER | VIRTUS       | BWRU11301/F | 1    | 42"x38"x45" | -     | 1ST FL. REAR STORAGE AREA |

| PLUMBING EQUIPMENT SCHEDULE |                           |              |                    |      |             |              |
|-----------------------------|---------------------------|--------------|--------------------|------|-------------|--------------|
| 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 |
| P4                          | EXIST'G ICE MAKER         | -            | -                  | 1    | -           | KITCHEN AREA |
| P5                          | EXIST'G DISHWASHER W/SINK | -            | -                  | 1    | -           | KITCHEN AREA |
| P6                          | EXIST'G 3-COMP. SINK      | -            | -                  | 1    | -           | KITCHEN AREA |
| P7                          | EXIST'G GREASE TRAP#1     | -            | -                  | 1    | -           | CELLAR       |
| 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.



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

**DISAPPROVED**  
 Michael Maracic  
 04/01/2024



| LEGEND |                                      |
|--------|--------------------------------------|
|        | TL-1 - GLAZED PORCELAIN TILE (FLOOR) |
|        | TL-2 - QUARRY TILE                   |

- GENERAL NOTES**
- 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 MEASUREMENTS. BE ALERT TO DIMENSIONAL DISCREPANCIES STRUCTURAL SUPPORTS AND OTHER ELEMENTS CONCEALED IN WALLS. NOT SHOWN. REPORT DISCREPANCIES PRIOR TO PROCEEDING.
  - 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 RECEIVING FRP FINISH.
  - MILLWORK PROVIDED BY OWNER/OWNER VENDOR. G.C. TO OBTAIN SHOP DRAWINGS FROM SUPPLIER FOR EQUIPMENT/GENERAL CONSTRUCTION COORDINATION.
  - FLOOR FINISH MATERIALS TRANSITION SHALL BE CENTERED ON WHERE DOOR OCCURS.
  - REFER TO OWNER VENDOR INTERIOR DESIGN PACKAGE FOR ALL FINISH MATERIAL LOCATIONS/LIMITS/TRANSITIONS.
  - REFER TO A-104 AND A105 FOR FINISH SCHEDULE.
  - ALL FLOOR TILE SHALL INCLUDE MOVEMENT JOINTS PLACED AT MORE THAN 25 FEET INTERVALS IN EACH DIRECTION. MOVEMENT JOINTS SHALL BE INSTALLED AT FLOOR TILE PERIMETERS AND FLOOR TILE TRANSITIONS. MOVEMENT JOINTS SHALL BE LOCATED AND INSTALLED PER TCNA E-117.
  - FOR AREAS WITH COVE BASE, CONTRACTOR SHALL INSTALL MANUFACTURER'S COVE BASE CORNERS FOR BOTH INSIDE AND OUTSIDE CONDITIONS.
  - ANY GROUT REQUIRING SEALERS PER THE MANUFACTURERS SHALL BE SEALED PRIOR TO OWNER OCCUPANCY.
  - ALL FLOORING TRANSITIONS SHALL BE FLUSH.

- FINISH NOTES**
- FINISH OF WALLS AND CEILING OF FOOD PREPARATION AREAS, RESTROOMS, JANITORIAL AREAS AND UTENSIL WASHING AREA SHALL BE SMOOTH AND WASHABLE.
  - THE WALK-IN COOLER AND FREEZER'S METAL FLOORS ARE SMOOTH. DIAMOND PLATE FLOOR IS NOT APPROVED IN THE COOLER AND FREEZER.
  - WASHABLE SEMI-GLOSS PAINT SMOOTH FINISH OVER MOISTURE RESISTANT GYP. BD.
  - CEILING TILE: WASHABLE, SMOOTH, WHITE COLOR AND NON-FISSURED.
  - COVED BASE WITH 3/8" RADIUS
  - COVED BASE MINIMUM 4" HIGH AND 3/8" RADIUS
  - APPLY CLEAR CONCRETE SEALER OVER (3) CONCRETE FLOOR. (THE EUCLID CHEMICAL CO./SUPER AQUA CURE VOX SEALER)

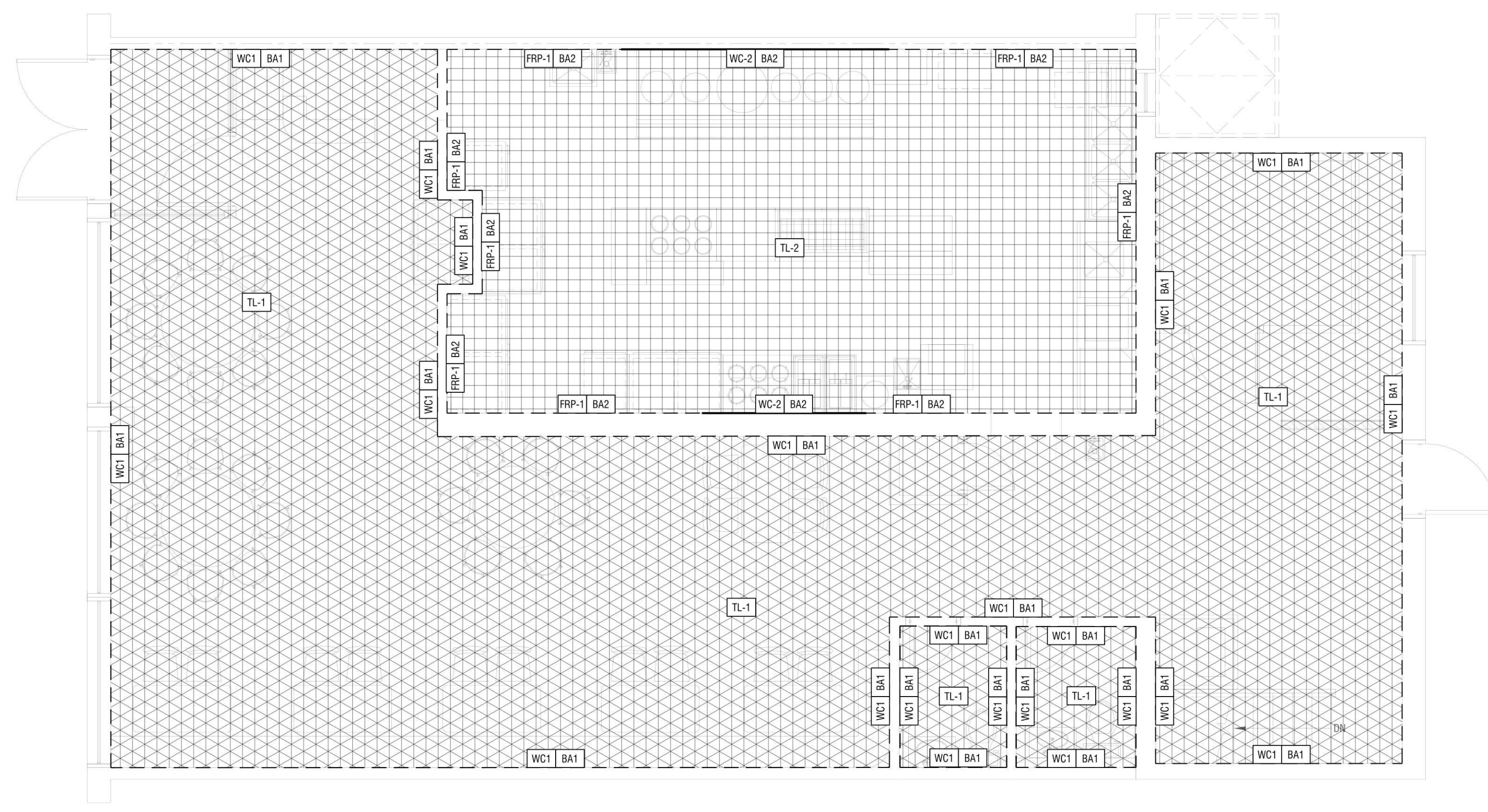
- ADDITIONAL NOTES**
- CHECK ALL LEAD TIMES ON ALL FINISHES. SOME MAY HAVE 6-8 WEEK LEAD TIME.
  - TILE INSTALLER TO VERIFY ALIGNMENT OF GROUT JOINTS OF WALL AND FLOOR TILE PRIOR TO INSTALLATION.
  - THE GENERAL CONTRACTOR IS TO PROVIDE CONTROL SAMPLES FOR ALL FINISHES AND MILLWORK TO ARCHITECT FOR REVIEW 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 ALKYL 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 - TILE |                               |              |            |       |        |        |      |           |                     |                                                                                  |                                                  |
|------------------------|-------------------------------|--------------|------------|-------|--------|--------|------|-----------|---------------------|----------------------------------------------------------------------------------|--------------------------------------------------|
| ITEM NO.               | ITEM DESCRIPTION              | MANUFACTURER | COLLECTION | COLOR | NUMBER | FINISH | SIZE | THICKNESS | LOCATION            | INSTALLATION                                                                     | NOTES                                            |
| TL-1                   | GLAZED PORCELAIN TILE (FLOOR) | -            | -          | -     | -      | -      | -    | -         | 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 |
| TL-2                   | QUARRY TILE                   | -            | -          | -     | -      | -      | -    | -         | VERIFY PER DRAWINGS | STRAIGHT LAY                                                                     | EXIST'G DAMAGED FINISH TO BE REPAIR AS NECESSARY |

| FINISH SCHEDULE - WALL BASE |                     |              |            |       |        |        |      |           |                                    |                             |                                                  |
|-----------------------------|---------------------|--------------|------------|-------|--------|--------|------|-----------|------------------------------------|-----------------------------|--------------------------------------------------|
| ITEM NO.                    | ITEM DESCRIPTION    | MANUFACTURER | COLLECTION | COLOR | NUMBER | FINISH | SIZE | THICKNESS | LOCATION                           | PROFILE                     | NOTES                                            |
| BA-1                        | 18 GAUGE METAL BASE | -            | -          | -     | -      | -      | -    | -         | FRONT OF HOUSE, INTERIOR BASE      | COLD ROLLED BLACKENED STEEL | EXIST'G DAMAGED FINISH TO BE REPAIR AS NECESSARY |
| BA-2 (COVE)                 | QUARRY COVER BASE   | -            | -          | -     | -      | -      | -    | -         | BACK OF HOUSE, VERIFY PER DRAWINGS | ROUND TOP COVE BASE         | EXIST'G DAMAGED FINISH TO BE REPAIR AS NECESSARY |

| FINISH SCHEDULE - WALLCOVERING |                  |              |            |        |       |            |               |                                                  |  |
|--------------------------------|------------------|--------------|------------|--------|-------|------------|---------------|--------------------------------------------------|--|
| ITEM NO.                       | ITEM DESCRIPTION | MANUFACTURER | COLLECTION | NUMBER | COLOR | ROLL WIDTH | PATTERN MATCH | NOTES                                            |  |
| WC-1                           | SHEETROCK PANEL  | -            | -          | -      | -     | -          | -             | EXIST'G DAMAGED FINISH TO BE REPAIR AS NECESSARY |  |
| WC-2                           | STAINLESS STEEL  | -            | -          | -      | -     | -          | -             | EXIST'G DAMAGED FINISH TO BE REPAIR AS NECESSARY |  |

| FINISH SCHEDULE - FIBERGLASS REINFORCED PANEL |                             |              |            |        |       |        |             |       |           |          |                                                  |
|-----------------------------------------------|-----------------------------|--------------|------------|--------|-------|--------|-------------|-------|-----------|----------|--------------------------------------------------|
| ITEM NO.                                      | ITEM DESCRIPTION            | MANUFACTURER | COLLECTION | NUMBER | COLOR | FINISH | FIRE RATING | PRICE | LEAD TIME | LOCATION | NOTES                                            |
| FRP-1                                         | FIBERGLASS REINFORCED PANEL | -            | -          | -      | -     | -      | -           | -     | -         | BOH      | EXIST'G DAMAGED FINISH TO BE REPAIR AS NECESSARY |



**1 FLOOR FINISH PLAN**  
SCALE: 1/4" = 1'-0"



36-05 MAIN STREET, SUITE 50  
 11101 WILLISTON PARK, NY  
 T: 716-798-9801  
 E: INFO@HITASSOCIATES.NET

| DATE | REVISION |
|------|----------|
|      |          |
|      |          |

**OWNER NAME**  
OWNER INFO

**PROJECT ADDRESS:**  
 344 HILLSIDE AVE.  
 WILLISTON PARK, NY 11596  
 SECTION: 9, BLOCK: 142, LOT: 28

**DRAWING TITLE:**  
 FLOOR FINISH PLAN & SCHEDULE

**SHEET NO.:**  
A-201.00

**PAGE:** Page 11 of 21  
**DATE ISSUED:** 3/25/2024  
**DATE CREATED:** 11/28/2022  
**SCALE:** AS NOTED  
**DRAWN BY:** LW  
**CHECKED BY:** KY FU  
**JOB #:** 23043



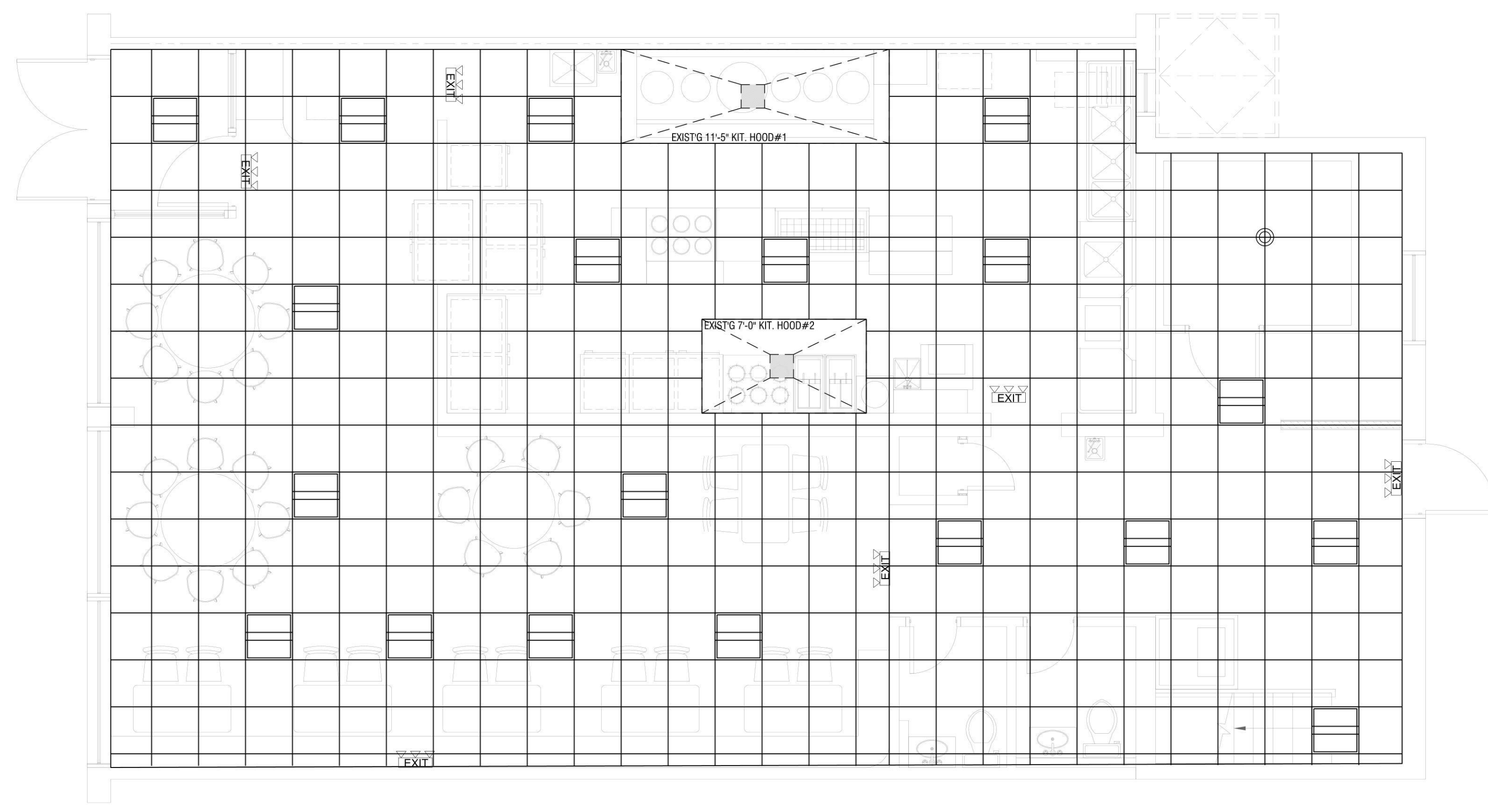
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 Michael Maracic  
 04/01/2024

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <b>LEGEND</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CGI-1 - EXIST'G CEILING PANEL |
| <b>SYMBOL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EXIT SIGN                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | LED LIGHT                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | VAPOR PROOF LIGHT             |
| <b>LIGHTING NOTES:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |
| <ol style="list-style-type: none"> <li>NOT ALL FIXTURES SHOWN ABOVE ARE NECESSARILY IN USE. LIGHT SWITCHES/CONTROLS TO BE MOUNTED AT 48" A.F.F. TO CENTER OF CONTROL.</li> <li>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.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |
| <b>EXIT SIGNS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                               |
| <ol style="list-style-type: none"> <li>GC/EC SHALL COORDINATE IN FIELD WITH INSPECTOR TO ENSURE TWO MEANS OF EGRESS ARE VISIBLE.</li> <li>INSTALL ADDITIONAL EXIT SIGNS AS REQUIRED.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                               |
| <b>REFLECTED CEILING PLAN NOTES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |
| <ol style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>REFER TO ELECTRICAL DRAWINGS FOR EMERGENCY LIGHTS, NIGHT LIGHTS, AND EXIT SIGN LOCATIONS.</li> <li>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.</li> <li>ALL CEILING HEIGHT TO BE 10'-0" ABOVE FINISH FLOOR FOR EACH ROOM UNLESS NOTED OTHERWISE.</li> </ol> |                               |
| <b>2020 NYCECC COMPLIANCE STATEMENT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               |
| <ul style="list-style-type: none"> <li>TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 NYCECC, USING CS.</li> <li>ALL OF THE LAMPS ARE LED AND HIGH EFFICIENCY.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                               |
| <b>ADDITIONAL NOTES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               |
| <ul style="list-style-type: none"> <li>CHECK ALL LEAD TIMES ON ALL FINISHES. SOME MAY HAVE 6-8 WEEK LEAD TIME.</li> <li>TILE INSTALLER TO VERIFY ALIGNMENT OF GROUT JOINTS OF WALL AND FLOOR TILE PRIOR TO INSTALLATION.</li> <li>THE GENERAL CONTRACTOR IS TO PROVIDE CONTROL SAMPLES FOR ALL FINISHES AND MILLWORK TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.</li> <li>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.</li> <li>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.</li> </ul>                                                                                                                                                                                                                                                                                                       |                               |

| FINISH SCHEDULE - CEILING |                  |              |            |        |         |       |      |           |                  |                                                   |
|---------------------------|------------------|--------------|------------|--------|---------|-------|------|-----------|------------------|---------------------------------------------------|
| ITEM NO.                  | ITEM DESCRIPTION | MANUFACTURER | COLLECTION | NUMBER | PROFILE | COLOR | SIZE | THICKNESS | LOCATION         | NOTES                                             |
| CLG-2                     | CEILING PANEL    |              |            |        |         |       |      |           | ALL AREA OF WORK | EXIST'G DAMAGED CEILING TO BE REPAIR AS NECESSARY |



1 **CEILING REFLECTING PLAN**  
 SCALE: 1/4" = 1'-0"

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DATE              |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| REVISION          |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| #                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OWNER NAME        | OWNER INFO                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| CLIENT:           | 344 HILLSIDE AVE.<br>WILLISTON PARK, NY 11596<br>SECTION: 9, BLOCK: 142, LOT: 28                                                                                                                                                                                                                                                                                                                                                               |
| DRAWING TITLE:    | <b>REFLECTING CEILING PLAN</b>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SHEET NO.:        | A-202.00                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PAGE:             | Page 12 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: |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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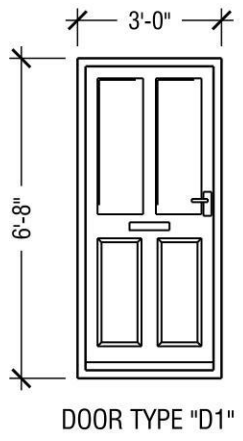
**DISAPPROVED**  
 Michael Maracic  
 04/01/2024

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| DOOR SCHEDULE |                 |       |        |           |          |        |         |             |          |        |          |                     |      |             |        |
|---------------|-----------------|-------|--------|-----------|----------|--------|---------|-------------|----------|--------|----------|---------------------|------|-------------|--------|
| DOOR NO.      | ROOM NAME       | DOOR  |        |           |          |        |         |             | FRAME    |        | SADDLE   | FENESTRATION RATING |      |             | REMARK |
|               |                 | SIZE  |        |           | MATERIAL | FINISH | GLAZING | FIRE RATING | MATERIAL | FINISH | MATERIAL | U-FACTOR            | SHGC | AIR LEAKAGE |        |
|               |                 | WIDTH | HEIGHT | THICKNESS |          |        |         |             |          |        |          |                     |      |             |        |
| D1            | BATHROOM/CLOSET | 24"   | 80"    | 1-3/4"    | WD       | PAINT  | WD      | PAINT       | -        | -      | -        | -                   | -    | -           |        |



DOOR TYPE 'D1'

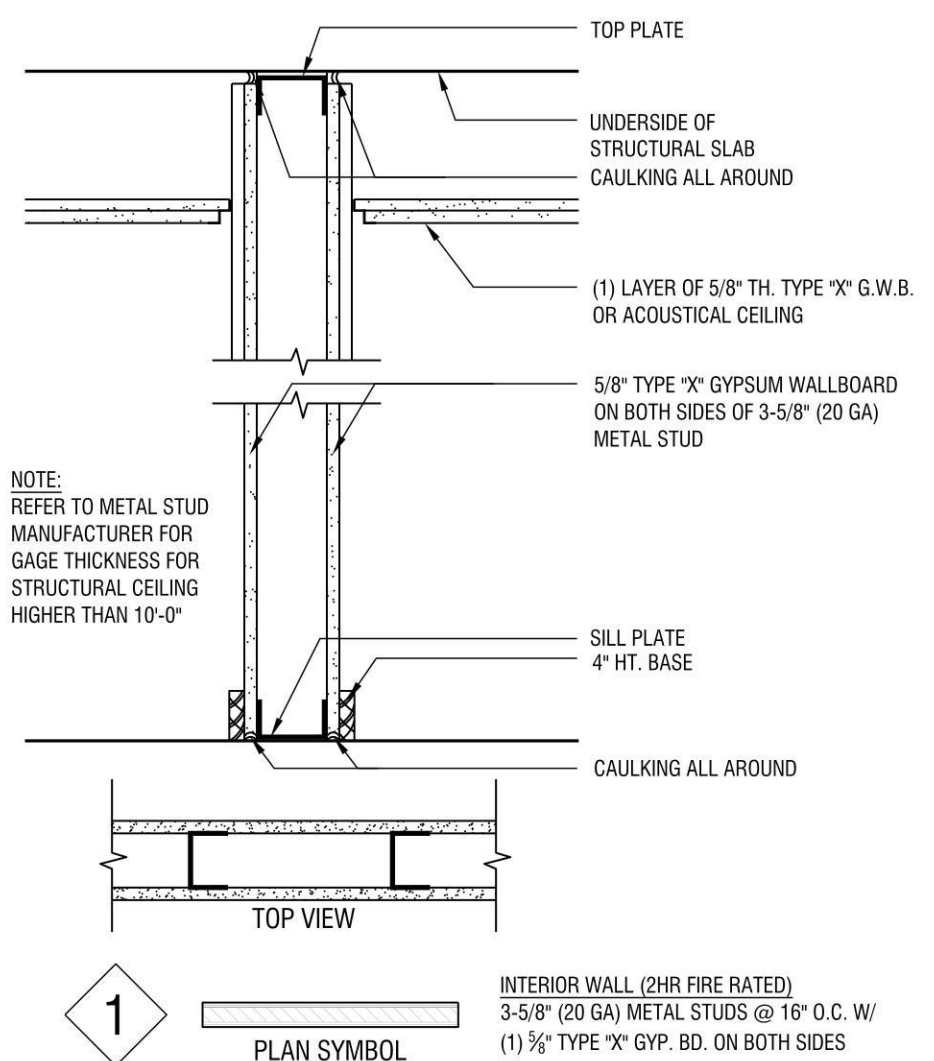
| LINTEL SCHEDULE |                      |                  |                                                                                   |
|-----------------|----------------------|------------------|-----------------------------------------------------------------------------------|
| OPENING         | STEEL ANGLES         | WIDE FLANGE BEAM | REMARKS                                                                           |
| 4'-0" OR LESS   | L4" x 3-1/2" x 5/16" | W10 x 15 MIN.    | DOUBLE LINTELS FOR MASONRY WALLS WITH FACE BRICK AND BACK-UP CONCRETE BLOCK WALLS |
| 4'-1" TO 7'-0"  | L5" x 3-1/2" x 5/16" | W10 x 17 MIN.    |                                                                                   |
| OVER 7'-0"      | L5" x 3-1/2" x 1/2"  | W10 x 19 MIN.    |                                                                                   |

NOTE:  
 A. 3-1/2" LEGS ARE HORIZONTAL  
 B. PROVIDE ONE ANGLE FOR EACH 4" OF WALL THICKNESS  
 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  
 F. ALL VOIDS BETWEEN LINTELS AND MASONRY UNITS TO BE FIRE PROOF GOUT FILLED

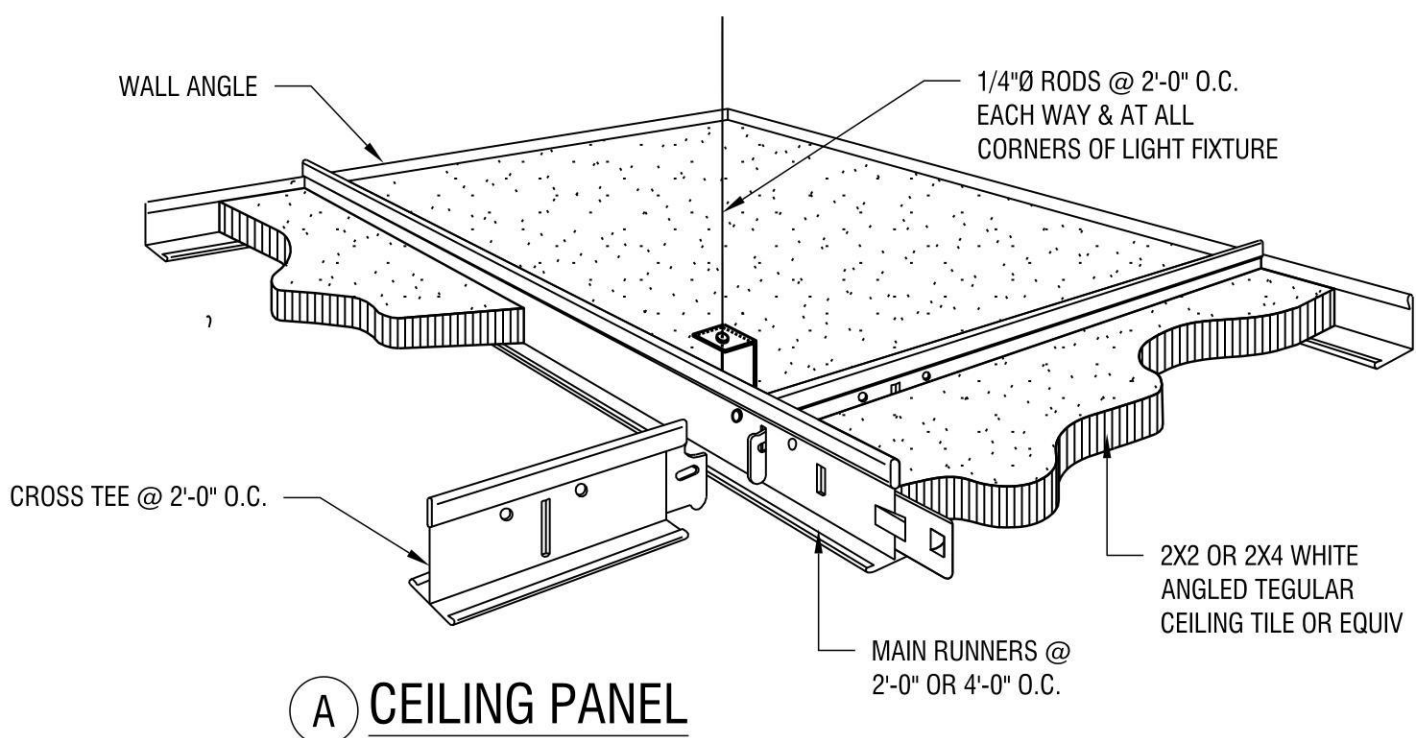
| HEADER SCHEDULE |                                 |
|-----------------|---------------------------------|
| OPENING         | REQUIRED MEMBER                 |
| UP TO 8'-0"     | (2) 1-3/4" X 9-1/2" LVL U.O.N.  |
| UP TO 10'-0"    | (2) 1-3/4" X 11-7/8" LVL U.O.N. |

NOTE:  
 FOR ALL HEADER POST NOT SPECIFIED:  
 USE (2) 2X6 POST FOR OPENINGS < 6'-0"  
 USE 3-1/2" X 5-1/4" PSL COL. FOR OPENINGS > 6'-0"

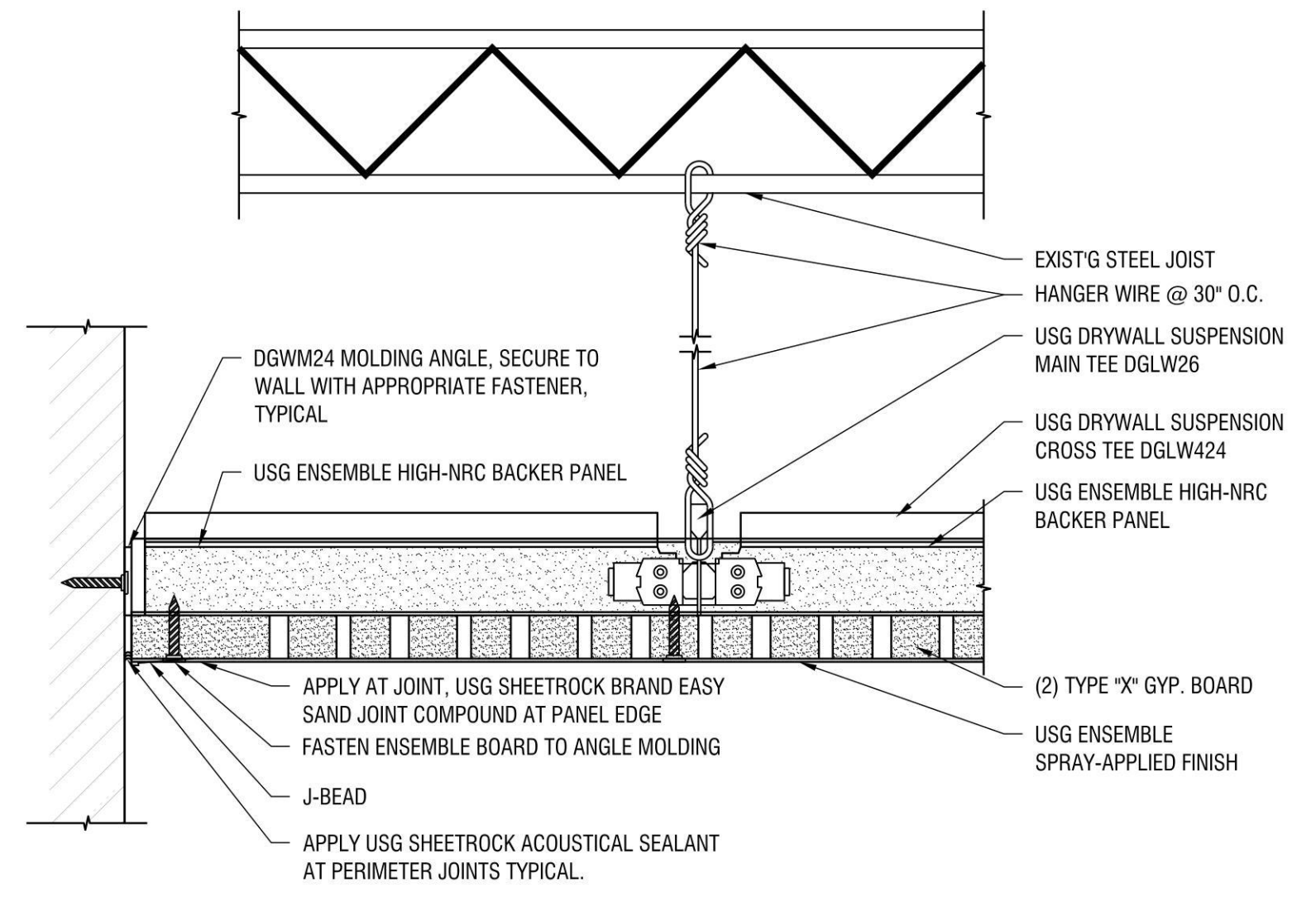
1 GENERAL CONSTRUCTION SCHEDULE  
 SCALE: N.T.S.



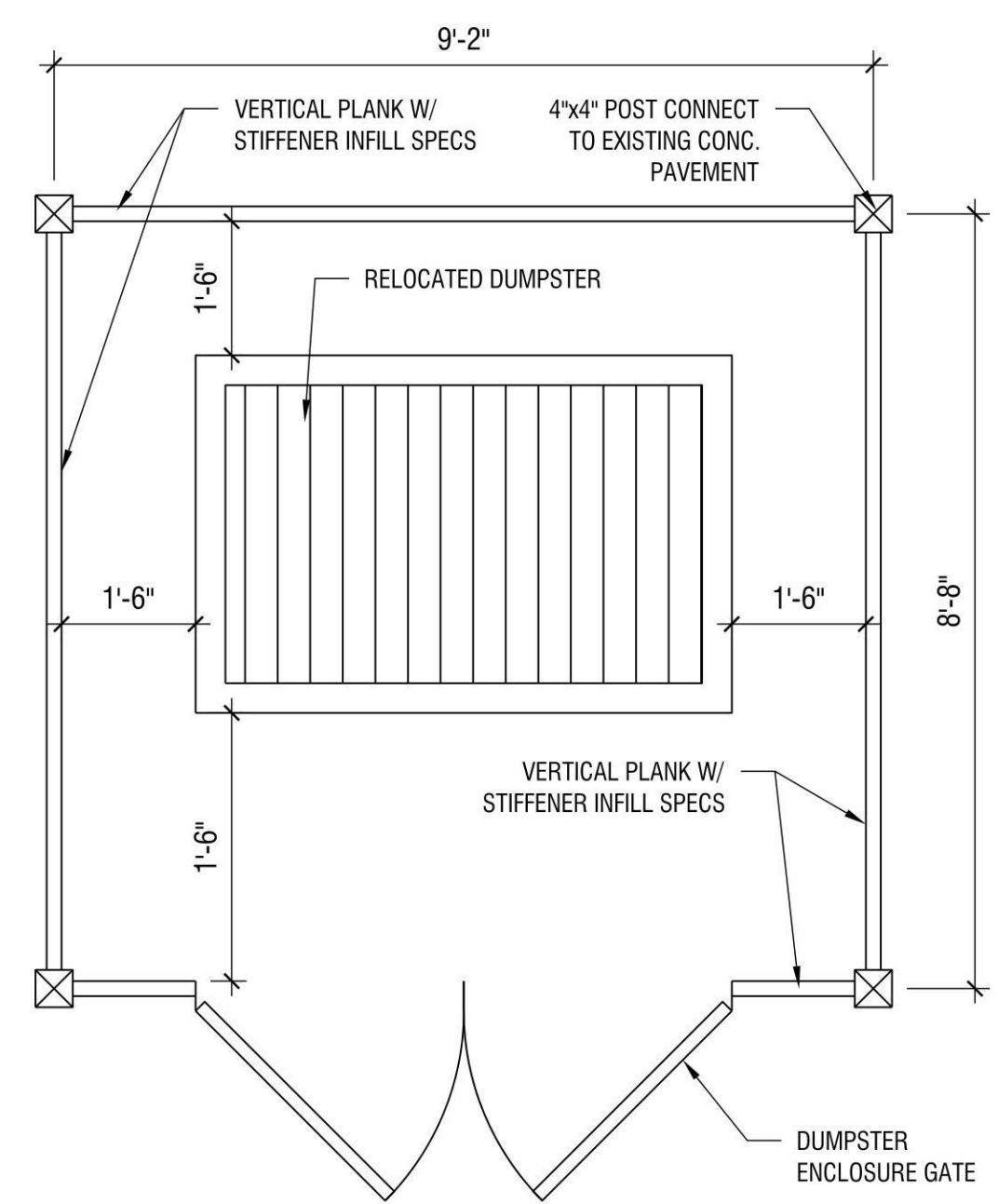
1 INTERIOR WALL (1HR FIRE RATED)  
 SCALE: N.T.S. BSA CAL NO 439-52-SM



A CEILING PANEL



B SHEETROCK PANEL



4 DUMPSTER ENCLOSURE(TYP.)  
 SCALE: N.T.S.

**DISAPPROVED**  
 Michael Maracic  
 04/01/2024

DATE

REVISION

#

CLIENT:

PROJECT ADDRESS:  
 344 HILLSIDE AVE.  
 WILLISTON PARK, NY 11596  
 SECTION: 9, BLOCK: 142, LOT: 28

DRAWING TITLE:  
**GENERAL CONSTRUCTION DETAILS**

SHEET NO.:  
**A-300.00**

PAGE: Page 13 of 21  
 DATE ISSUED: 3/25/2024  
 DATE CREATED: 11/28/2022  
 SCALE: AS NOTED  
 DRAWN BY: LW  
 CHECKED BY: KY FU  
 JOB #: 23043

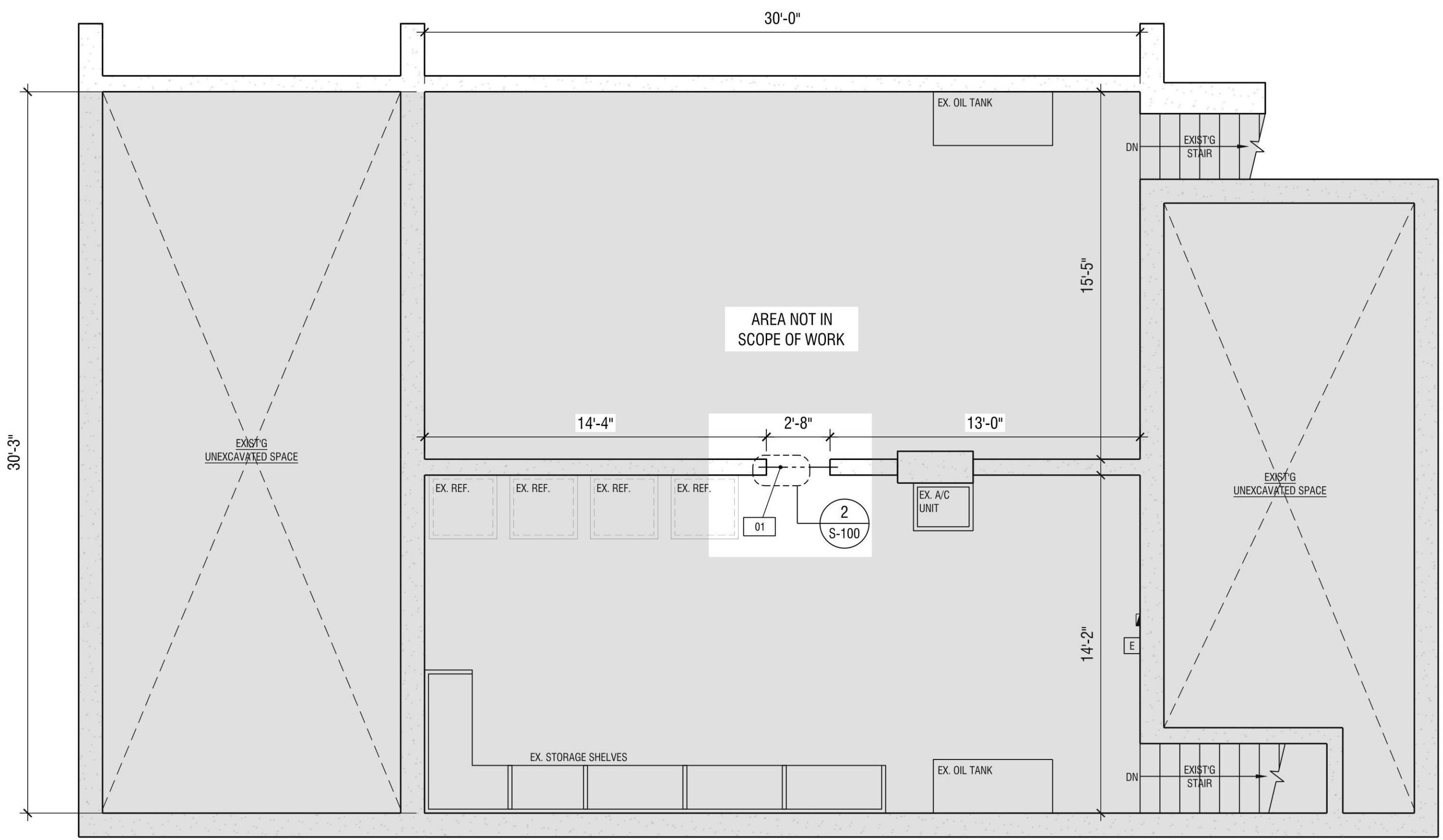
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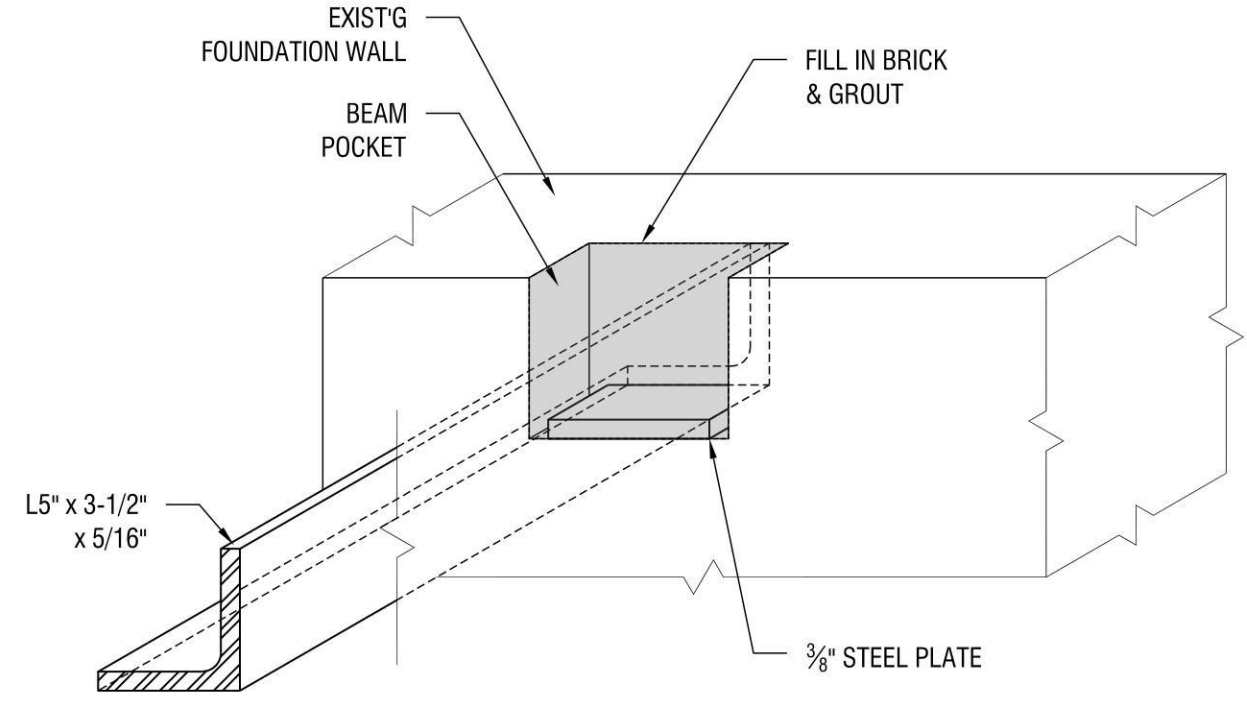


- SEISMIC LOADS PER ASCE 7-05**
1. SEISMIC IMPORTANCE FACTOR I=1.0 OCCUPANCY CATEGORY II
  2. MAPPED SPECTRAL RESPONSE ACCELERATIONS,  $S_s=0.35g$ ,  $S_1=0.07g$
  3. SITE CLASS C.
  4. SPECTRAL RESPONSE COEFFICIENTS  $S_{ds}=0.36g$
  5. SEISMIC DESIGN CATEGORY: B
  6. BASIC SEISMIC-FORCE-RESISTING SYSTEMS: ORDINARY STEEL MOMENT FRAMES
  7. DESIGN BASE SHEAR  $V=70.99K$
  8. SEISMIC RESPONSE COEFFICIENTS  $C_s=0.0263$
  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.

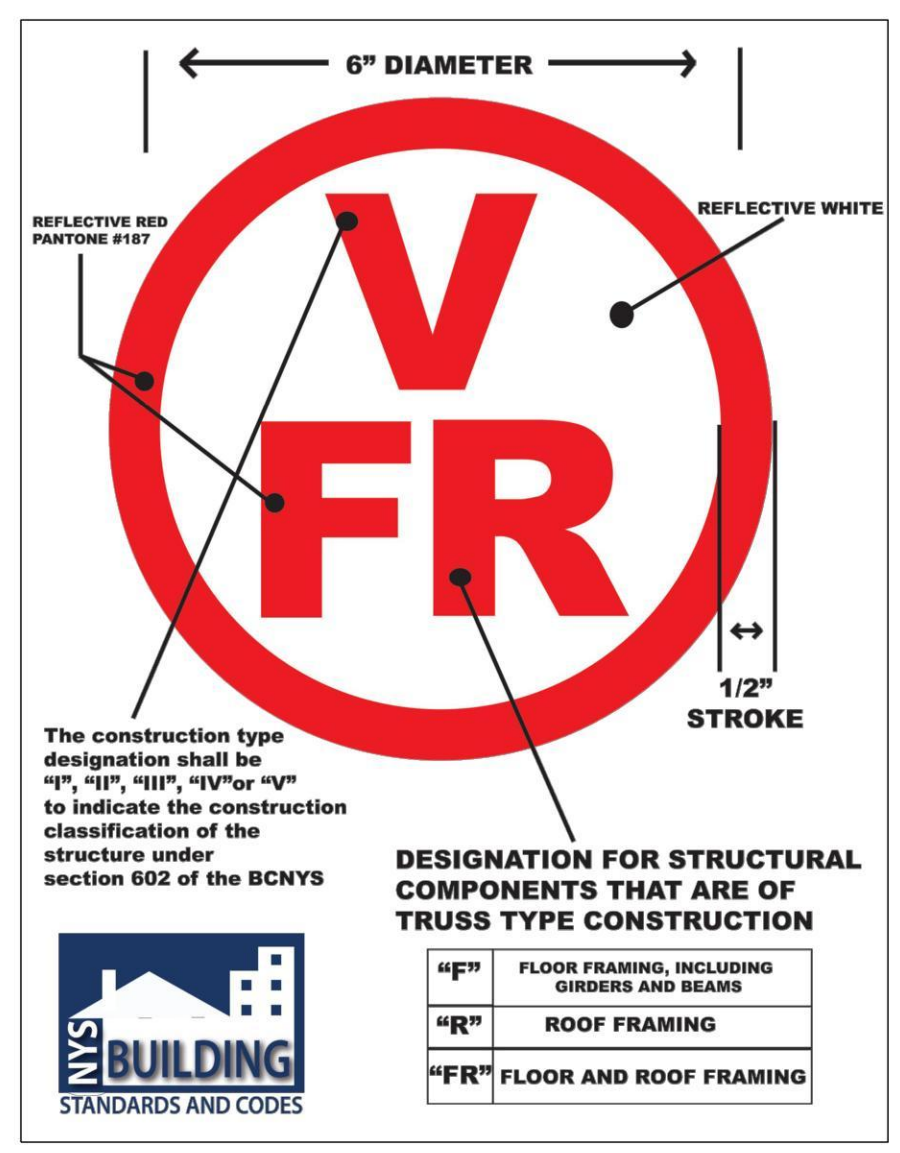
| STRUCTURE LEGEND |                          |                      |        |
|------------------|--------------------------|----------------------|--------|
| SYMBOL           | STRUCTURAL COMPONENT     | SIZE (INCH)          | LBs/LF |
| 01               | L-SHAPE STRUCTURAL STEEL | L5" x 3-1/2" x 5/16" | 8.70   |



**1** EXIST'G CELLAR PLAN  
SCALE: 1/4" = 1'-0"



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



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

**DISAPPROVED**  
Michael Maracic  
04/01/2024



36-02 MAIN STREET, SUITE 60  
LITTLE ROCK, AR 72114  
T: 501-798-9901  
E: INFO@HTASSOCIATES.NET

| DATE | REVISION | # | OWNER NAME<br>OWNER INFO |
|------|----------|---|--------------------------|
|      |          |   |                          |

CLIENT:  
344 HILLSIDE AVE.  
WILLISTON PARK, NY 11596  
SECTION: 9, BLOCK: 142, LOT: 28

DRAWING TITLE:  
**STRUCTURAL PLAN & DETAIL**

SHEET NO.:  
**S-100.00**

PAGE: Page 14 of 21  
DATE ISSUED: 3/25/2024  
DATE CREATED: 11/28/2022  
SCALE: AS NOTED  
DRAWN BY: LW  
CHECKED BY: KY FU  
JOB #: 23043



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| ELECTRICAL SYMBOLS              |                                        |
|---------------------------------|----------------------------------------|
| ELECTRICAL & LIGHTING EQUIPMENT |                                        |
|                                 | POWER PANELBOARD OR DISTRIBUTION PANEL |
|                                 | 3 HEADS EMERGENCY LIGHTING             |
| LIGHTING EQUIPMENT              |                                        |
|                                 | SINGLE POLE SWITCH                     |
|                                 | TWO-WAY POLE SWITCH                    |
|                                 | WIRING CONCEALED IN WALL/CEILING       |
|                                 | 2X4 LED PANEL LIGHT                    |
|                                 | VAPOR PROOF LIGHT                      |

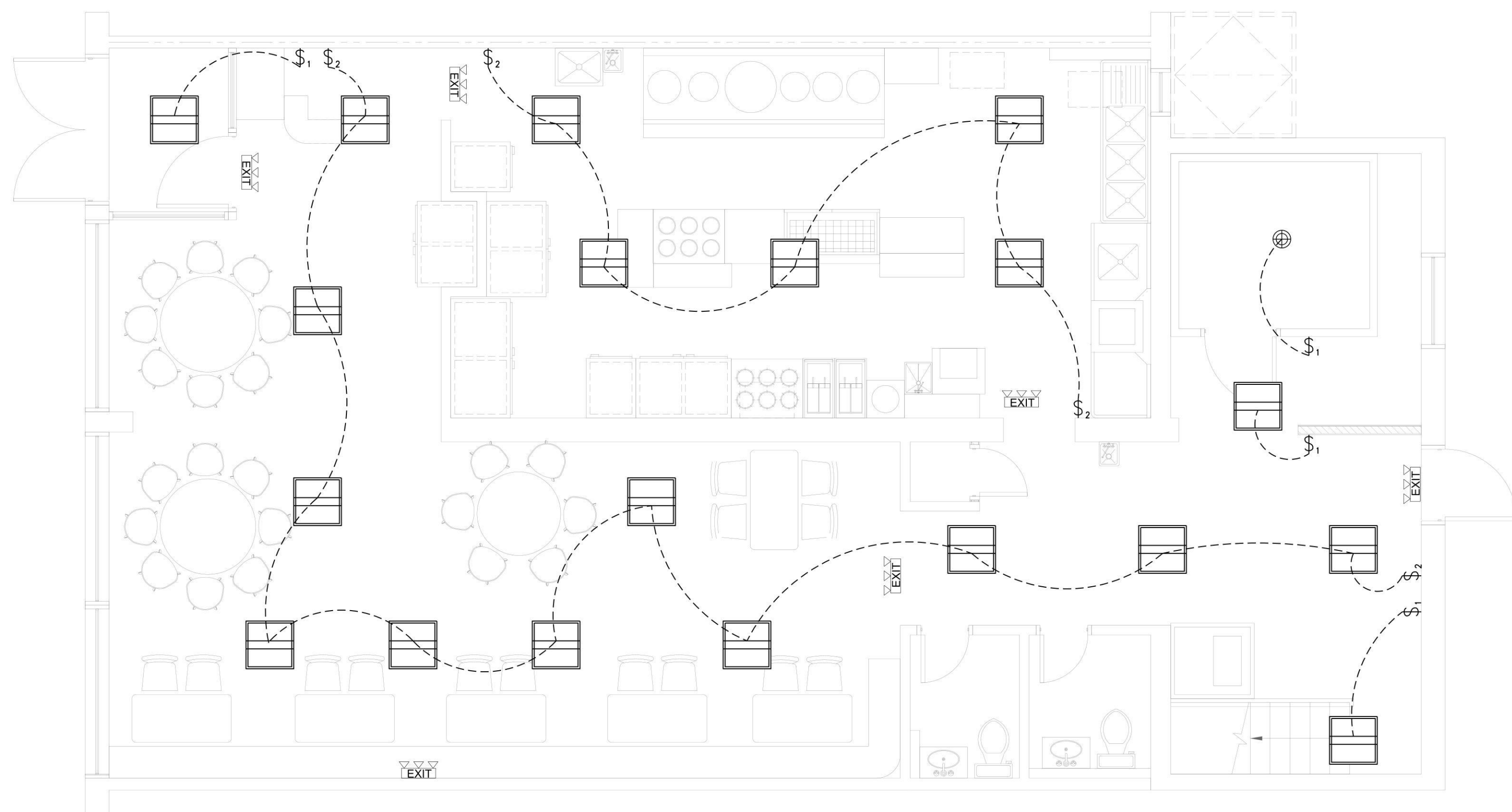
| LIGHTING FIXTURE SCHEDULE |                     |              |               |          |               |          |         |                        |                       |
|---------------------------|---------------------|--------------|---------------|----------|---------------|----------|---------|------------------------|-----------------------|
| TYPE                      | MOUNT               | LAMP         | INPUT WATTAGE | QUANTITY | TOTAL WATTAGE | EFFICACY | VOLTAGE | LOCATION               | REMARK                |
|                           | 2X4 LED PANEL LIGHT | LED          | 40.0W         | 19       | 760.0         | 85.0%    | 120     | RECEPTION AREA         | N/A                   |
|                           | VAPOR PROOF LIGHT   | INCANDESCENT | 100.0W        | 1        | 100.0         | 85.0%    | 120     | WALK-IN COOLER/FREEZER | MIN. 40 L.M. PER WATT |

**ELECTRICAL NOTES**

- GROUNDING: ALL WORK SHALL BE PERMANENTLY AND EFFECTUALLY GROUNDED WHETHER OR NOT SUCH CONNECTIONS ARE SPECIFICALLY SHOWN OR SPECIFIED. GROUND RESISTANCE AT ANY POINT SHALL NOT EXCEED THE REQUIREMENTS OF LATEST NYS ELECTRICAL CODE.
- CUTTING AND PATCHING: THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING AND PATCHING OF ROUGH OR FINISH WORK REQUIRED BY ELECTRICAL INSTALLATIONS. PATCHING SHALL BE OF THE SAME MATERIAL FINISH AND WORKMANSHIP AS THE ORIGINAL WORK.
- ALL CONDUIT RUNS, WHEN SHOWN ON THE DRAWINGS, ARE SHOWN DIAGRAMMATICALLY TO OUTLINE THE GENERAL ROUTING OF MAJOR FEEDERS AND BRANCH WIRING. IT IS NOT WITHIN THE SCOPE OF THESE DRAWINGS TO SHOW ALL NECESSARY BENDS, OFFSETS, PULL BOXES, JUNCTION BOXES AND OBSTRUCTIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL HIS WORK TO CONFORM TO THE REQUIREMENTS OF THE ELECTRICAL CODE AND TO PRESERVE HEADROOM.
- ALL CONDUIT AND CABLE HOMERUNS SHALL CONSIST OF THREE CIRCUITS MAXIMUM TO THE PANELBOARD, UNLESS OTHERWISE NOTED. COMBINING OF MULTIPLE HOMERUNS IN A SINGLE CONDUIT SHALL NOT BE PERMITTED.
- 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.
- FOR EXACT LOCATION OF LIGHT FIXTURES, LIGHTING FIXTURE SCHEDULE AND LIGHTING SYMBOLS REFER TO ARCHITECTURAL AND/OR LIGHTING CONSULTANT DRAWINGS. INFORMATION SHOWN IN ELECTRICAL DRAWINGS IS FOR REFERENCE ONLY. FINAL LIGHTING APPROVAL BY ARCHITECT.
- INSTALL WORK AS TO BE READILY ACCESSIBLE FOR OPERATING, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS, WITH NO MATERIAL COMPROMISE IN QUALITY, MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES OF MAGNITUDE AND/OR CHANGES WHICH RESULT IN EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL BY THE OWNER'S REPRESENTATIVE.
- ALL OPENINGS BETWEEN FLOORS, THROUGH RATED FIRE AND SMOKE WALLS, CREATED BY THE CONTRACTOR FOR CABLE OR CONDUIT PASS THROUGH SHALL BE SEALED WITH A FIRE STOPPING MATERIAL. FIRE STOPPING MATERIAL AND ITS APPLICATION SHALL BE ACCOMPLISHED IN SUCH A MANNER THAT IS ACCEPTABLE TO THE LOCAL FIRE AND BUILDING AUTHORITIES HAVING JURISDICTION OVER THIS WORK. ANY OPENINGS CREATED BY OR FOR THE CONTRACTOR AND LEFT UNUSED SHALL ALSO BE SEALED AS PART OF THIS WORK. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATING OF WALLS AND SLABS.
- ARCHITECTURAL FEATURES AS WELL AS OTHER TRADES REFER TO ARCHITECTURAL DRAWINGS FOR BACKGROUND INFORMATION ONLY. COORDINATE WITH OTHER TRADES TO DETERMINE THE EXACT LOCATION OF FANS, A/C UNITS, MOTORS, PUMPS, EQUIPMENT TERMINAL BOXES, AND OTHER EQUIPMENT TO BE INSTALLED BY OTHER TRADES BEFORE CONDUIT WORK IS STARTED.
- ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. SIZES AND LOCATION OF EQUIPMENT AND WIRING ARE SHOWN TO SCALE WHERE POSSIBLE, BUT MAY BE DISTORTED FOR CLARITY ON THE DRAWINGS.
- REMOVE ALL DEBRIS RESULTING FROM REMOVAL AND/OR INSTALLATION OF ELECTRICAL WORK FROM THE PREMISES. REMOVAL OF DEBRIS SHALL BE COORDINATED WITH BUILDING MANAGEMENT. DISPOSAL WORK SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF THE BUILDING CODE AND WITH ALL STATE AND FEDERAL REGULATIONS.
- CONDUIT RUNS SHALL CLEAR ALL ARCHITECTURAL FEATURES (DOORS, WINDOWS, ETC.) AND STRUCTURAL MEMBERS. CONDUIT INSTALLATION SHALL ALSO BE MADE TO AVOID INTERFERENCE WITH PIPES, DUCTS, OR OTHER EQUIPMENT CORRESPONDING TO OTHER TRADES, INCLUDING BUT NOT LIMITED TO MECHANICAL, PLUMBING AND FIRE PROTECTION. SHALL ANY OF THIS ELEMENTS PREVENT THE INSTALLATION OF RACEWAY AS DELINEATED ON THE CONTRACT DOCUMENTS, DEVIATION MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. ANY VARIATION DUE TO FIELD CONDITIONS SHALL NOT REPRESENT AN ADDITIONAL COST TO OWNER.
- ALL CONDUIT RUNS SHALL BE CONCEALED WITHIN WALLS OR CEILING. EXPOSED CONDUITS AND BOXES, WHEN REQUIRED, SHALL BE PAINTED. PAINTING SHALL CONSIST OF A PRIME COAT AND A FINISHED COAT. COLOR AS SELECTED BY ARCHITECT OR TO MATCH SURROUNDING SURFACES. FACTORY PAINTING WILL BE ACCEPTED AS A PRIME COAT.
- ALL GROUND WIRES SHALL BE INSTALLED IN CONDUIT.
- ALL EQUIPMENT/DEVICES PROVIDED BY THE ELECTRICAL CONTRACTOR SHALL BE NEW AND OF FIRST QUALITY AND SHALL BEAR THE APPROPRIATE UL OR CSA APPROVED LABELS FOR SPECIFIC PURPOSE. ALL MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE (NEC).
- ALL PENETRATIONS THROUGH OR CHOPPING OF FLOOR SLAB FOR ELECTRICAL INSTALLATION SHALL BE COORDINATED WITH BUILDING MANAGER. ALL WORK SHALL BE PERFORMED AFTER NORMAL BUSINESS HOURS. LOCATIONS SHALL BE LAID OUT AND CONFIRMED BY ARCHITECT PRIOR TO START OF PHYSICAL WORK.
- THE DRAWINGS MAY NOT SHOW COMPLETE OR ACCURATE DETAILS OF THE EXISTING BUILDING IN EVERY RESPECT. EXACT LOCATIONS AND RELATIONSHIPS ARE TO BE DETERMINED IN FIELD AND SHALL BE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. THE ELECTRICAL CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR
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- PROVIDE GROUND FAULT CIRCUIT INTERRUPTER FOR EACH RECEPTACLE LOCATED WITHIN 6'-0" OF WATER OR LIQUIDS AND FOR OUTDOORS RECEPTACLES WHETHER INDICATED ON DRAWINGS OR NOT.
- 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.



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



36-09 MAIN STREET, SUITE 60  
LITTLE HUNYON, NY 11548  
T: 716-798-9901  
E: INFO@HITASSOCIATES.NET

| DATE | REVISION |
|------|----------|
|      |          |
|      |          |

OWNER NAME  
OWNER INFO

PROJECT ADDRESS:  
344 HILLSIDE AVE.  
WILLISTON PARK, NY 11596  
SECTION: 9, BLOCK: 142, LOT: 28

DRAWING TITLE:  
LIGHTING PLAN  
& NOTES

SHEET NO.:  
E-100.00

PAGE: Page 15 of 21  
DATE ISSUED: 3/25/2024  
DATE CREATED: 11/28/2022  
SCALE: AS NOTED  
DRAWN BY: LW  
CHECKED BY: KY FU  
JOB #: 23043



**DISAPPROVED**  
Michael Maracic  
04/01/2024

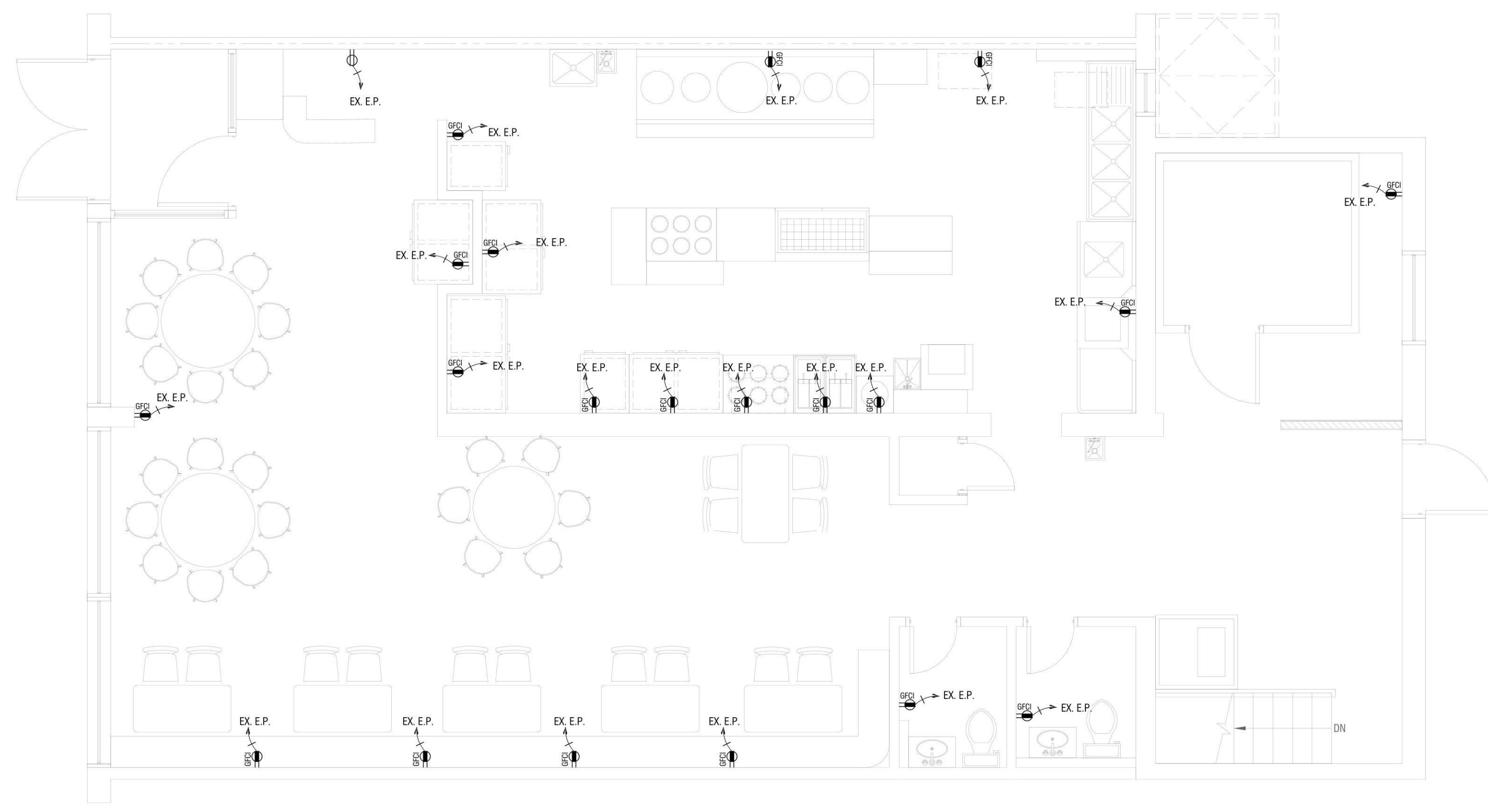
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| ELECTRICAL SYMBOLS              |                                        |
|---------------------------------|----------------------------------------|
| ELECTRICAL & LIGHTING EQUIPMENT |                                        |
|                                 | POWER PANELBOARD OR DISTRIBUTION PANEL |
|                                 | 3 HEADS EMERGENCY LIGHTING             |
| LIGHTING EQUIPMENT              |                                        |
|                                 | SINGLE POLE SWITCH                     |
|                                 | TWO-WAY POLE SWITCH                    |
|                                 | WIRING CONCEALED IN WALL/CEILING       |
|                                 | 2x4 LED PANEL LIGHT                    |
|                                 | VAPOR PROOF LIGHT                      |

| OUTLET SCHEDULE |             |           |      |        |      |                                         |
|-----------------|-------------|-----------|------|--------|------|-----------------------------------------|
| TYPE            | MANUFACTURE | LOCATION  | AMPS | TYPE   | QTY. | REMARKS                                 |
|                 | LEVITON     | 1ST FLOOR | 20   | DUPLEX | 1    |                                         |
|                 | LEVITON     | 1ST FLOOR | 20   | DUPLEX | 20   | GROUND-FAULT CIRCUIT INTERRUPTER (GFCI) |

- ### ELECTRICAL NOTES
- GROUNDING: ALL WORK SHALL BE PERMANENTLY AND EFFECTUALLY GROUNDED WHETHER OR NOT SUCH CONNECTIONS ARE SPECIFICALLY SHOWN OR SPECIFIED. GROUND RESISTANCE AT ANY POINT SHALL NOT EXCEED THE REQUIREMENTS OF LATEST NYS ELECTRICAL CODE.
  - CUTTING AND PATCHING: THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING AND PATCHING OF ROUGH OR FINISH WORK REQUIRED BY ELECTRICAL INSTALLATIONS. PATCHING SHALL BE OF THE SAME MATERIAL FINISH AND WORKMANSHIP AS THE ORIGINAL WORK.
  - ALL CONDUIT RUNS, WHEN SHOWN ON THE DRAWINGS, ARE SHOWN DIAGRAMMATICALLY TO OUTLINE THE GENERAL ROUTING OF MAJOR FEEDERS AND BRANCH WIRING. IT IS NOT WITHIN THE SCOPE OF THESE DRAWINGS TO SHOW ALL NECESSARY BENDS, OFFSETS, PULL BOXES, JUNCTION BOXES AND OBSTRUCTIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL HIS WORK TO CONFORM TO THE REQUIREMENTS OF THE ELECTRICAL CODE AND TO PRESERVE HEADROOM.
  - ALL CONDUIT AND CABLE HOMERUNS SHALL CONSIST OF THREE CIRCUITS MAXIMUM TO THE PANELBOARD, UNLESS OTHERWISE NOTED. COMBINING OF MULTIPLE HOMERUNS IN A SINGLE CONDUIT SHALL NOT BE PERMITTED.
  - 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.
  - FOR EXACT LOCATION OF LIGHT FIXTURES, LIGHTING FIXTURE SCHEDULE AND LIGHTING SYMBOLS REFER TO ARCHITECTURAL AND/OR LIGHTING CONSULTANT DRAWINGS. INFORMATION SHOWN IN ELECTRICAL DRAWINGS IS FOR REFERENCE ONLY. FINAL LIGHTING APPROVAL BY ARCHITECT.
  - INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATING, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS, WITH NO MATERIAL COMPROMISE IN QUALITY, MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES OF MAGNITUDE AND/OR CHANGES WHICH RESULT IN EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL BY THE OWNER'S REPRESENTATIVE.
  - ALL OPENINGS BETWEEN FLOORS, THROUGH RATED FIRE AND SMOKE WALLS, CREATED BY THE CONTRACTOR FOR CABLE OR CONDUIT PASS THROUGH SHALL BE SEALED WITH A FIRE STOPPING MATERIAL. FIRE STOPPING MATERIAL AND ITS APPLICATION SHALL BE ACCOMPLISHED IN SUCH A MANNER THAT IS ACCEPTABLE TO THE LOCAL FIRE AND BUILDING AUTHORITIES HAVING JURISDICTION OVER THIS WORK. ANY OPENINGS CREATED BY OR FOR THE CONTRACTOR AND LEFT UNUSED SHALL ALSO BE SEALED AS PART OF THIS WORK. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATING OF WALLS AND SLABS.
  - ARCHITECTURAL FEATURES AS WELL AS OTHER TRADES EQUIPMENT SHOWN ON ELECTRICAL DRAWINGS ARE FOR BACKGROUND INFORMATION ONLY. COORDINATE WITH OTHER TRADES TO DETERMINE THE EXACT LOCATION OF FANS, A/C UNITS, MOTORS, PUMPS, EQUIPMENT TERMINAL BOXES, AND OTHER EQUIPMENT TO BE INSTALLED BY OTHER TRADES BEFORE CONDUIT WORK IS STARTED.
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1 OUTLET PLAN  
SCALE: 1/4" = 1'-0"



36-02 MAIN STREET, SUITE 60  
LITTLE HUNYARDS, NY 11548  
T: 716-798-9901  
E: INFO@HITASSOCIATES.NET

| DATE | REVISION | # |
|------|----------|---|
|      |          |   |

OWNER NAME  
OWNER INFO

CLIENT:  
344 HILLSIDE AVE.  
WILLISTON PARK, NY 11596  
SECTION: 9, BLOCK: 142, LOT: 28

DRAWING TITLE:  
OUTLET PLAN & NOTES

SHEET NO.:  
E-101.00

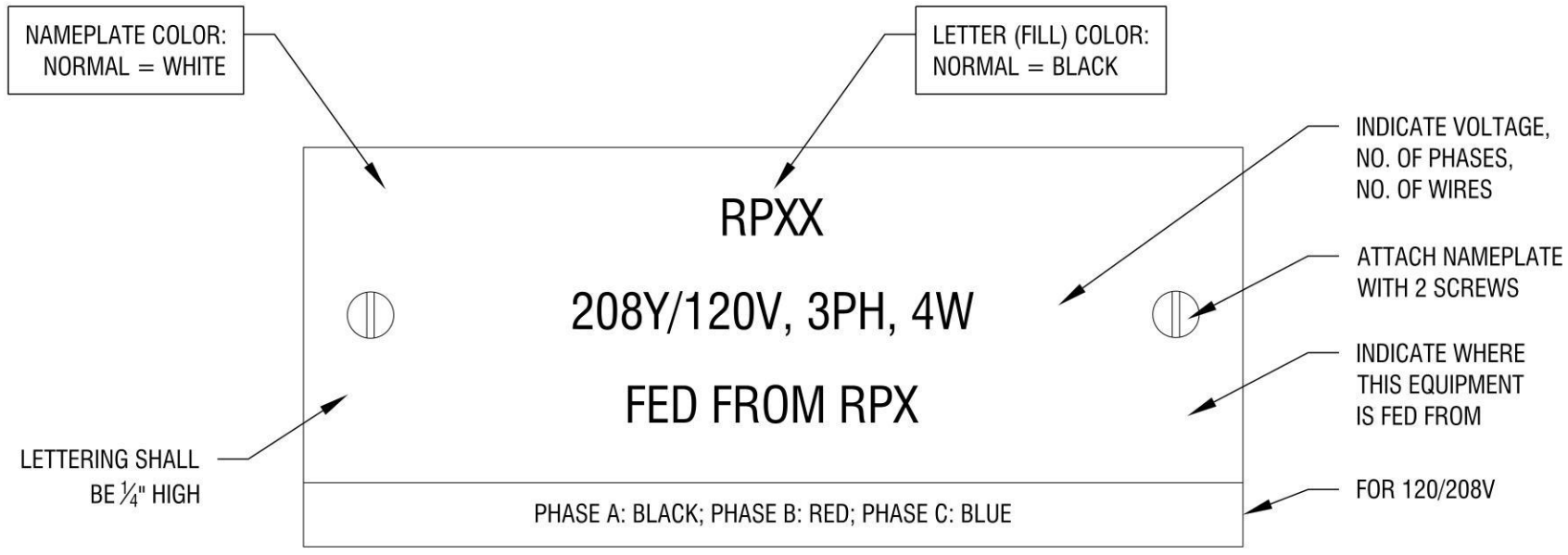
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DATE ISSUED: 3/25/2024  
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SCALE: AS NOTED  
DRAWN BY: LW  
CHECKED BY: KY FU  
JOB #: 23043



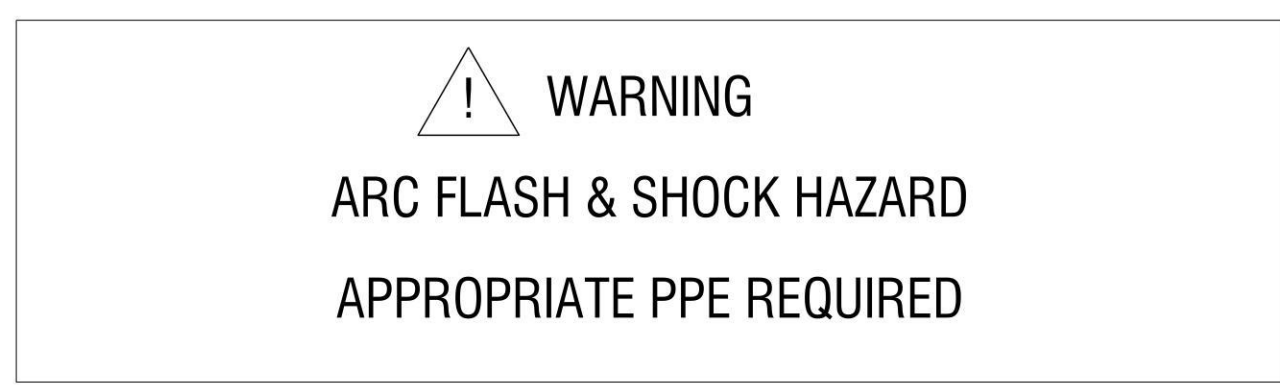
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Michael Maracic  
04/01/2024

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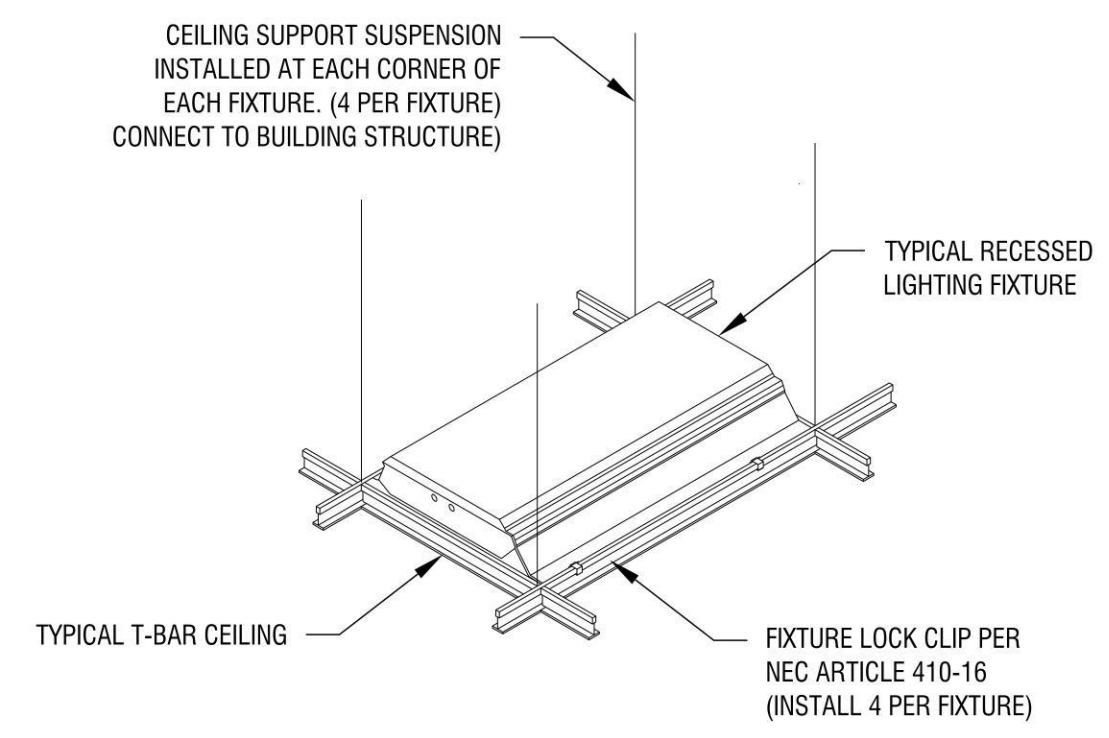




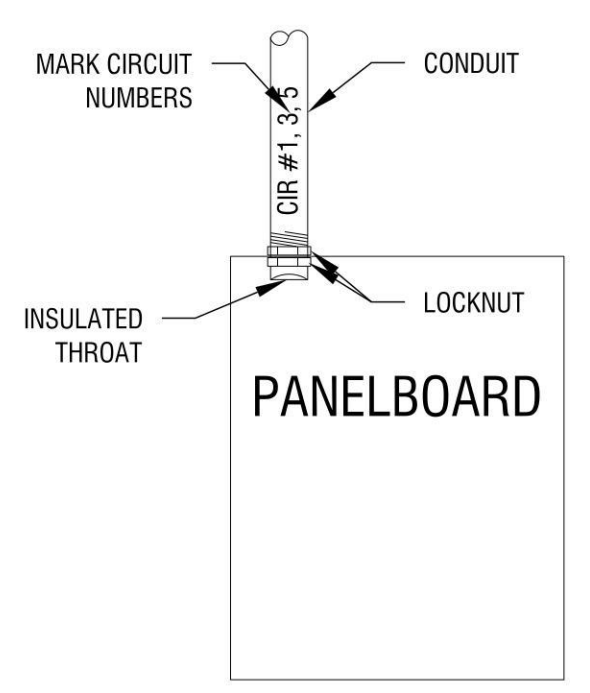
1 DETAIL - ELECTRICAL NAMEPLATE  
 SCALE: N.T.S.



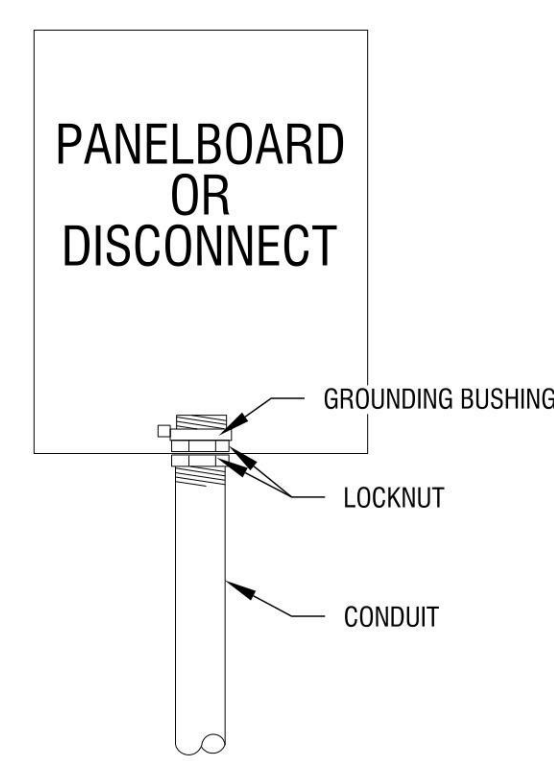
2 DETAIL - ARC FLASH WARNING LABEL  
 SCALE: N.T.S.



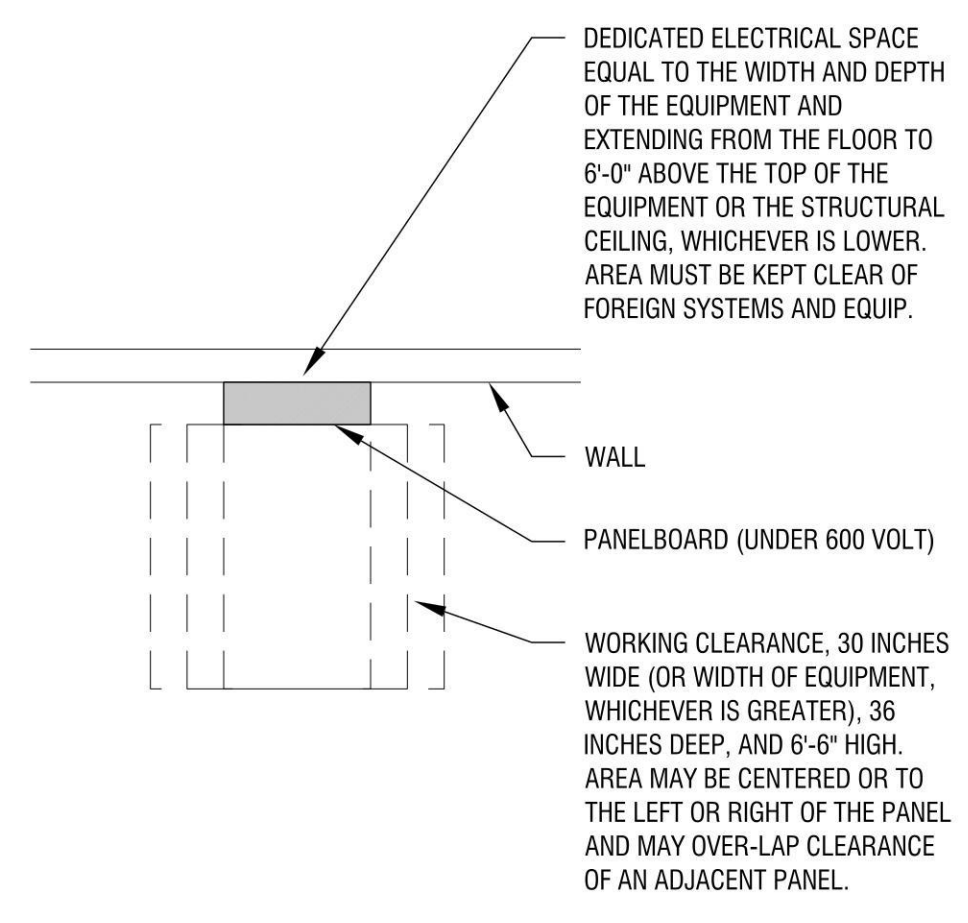
NOTES:  
 1. VERIFY AREAS REQUIRING 1HR RATED CEILINGS.  
 3 DETAIL - RECESSED 2x4 MOUNTING  
 SCALE: N.T.S.



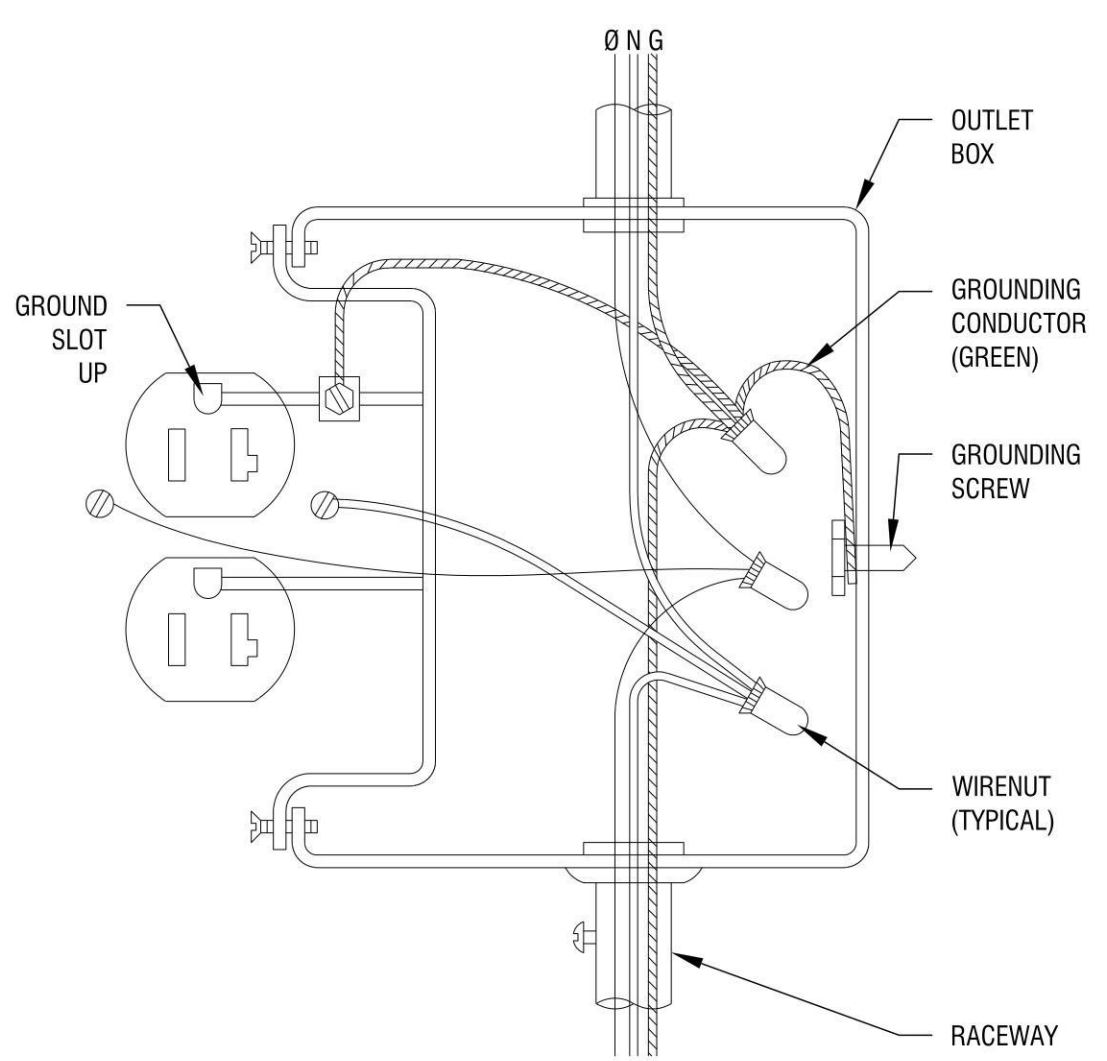
4 DETAIL - BRANCH CIRCUIT CONDUIT TERMINATION  
 SCALE: N.T.S.



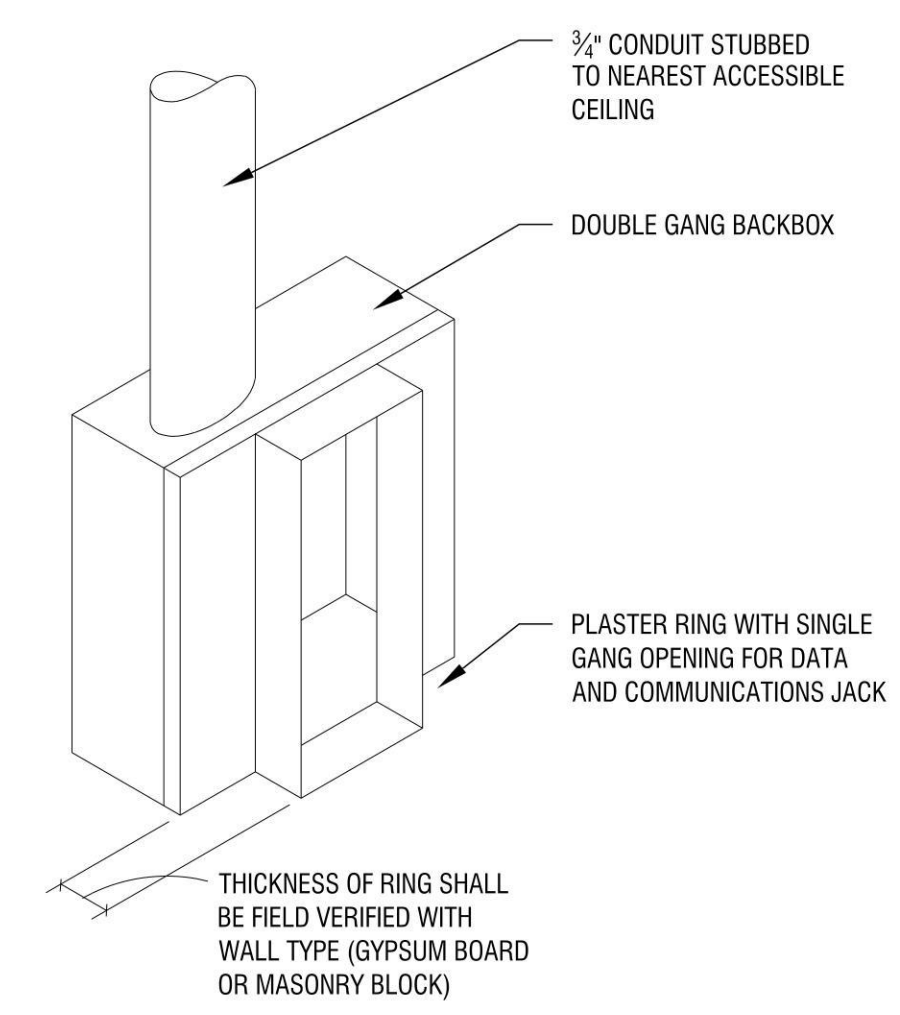
5 DETAIL - CONDUIT TERMINATION  
 SCALE: N.T.S.



6 DETAIL - PANEL WORKING CLEARANCE  
 SCALE: N.T.S.



7 DETAIL - TYPICAL RECEPTACLE  
 SCALE: N.T.S.



8 DETAIL - DATA/COMM/VOICE OUTLET  
 SCALE: N.T.S.

**DISAPPROVED**  
 Michael Maracic  
 04/01/2024

| DATE |
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| REVISION |
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OWNER NAME  
 OWNER INFO

PROJECT ADDRESS:  
 344 HILLSIDE AVE.  
 WILLISTON PARK, NY 11596  
 SECTION: 9, BLOCK: 142, LOT: 28

DRAWING TITLE:  
**GENERAL ELEC. DETAILS**

SHEET NO.:  
**E-200.00**

PAGE: Page 17 of 21  
 DATE ISSUED: 3/25/2024  
 DATE CREATED: 11/28/2022  
 SCALE: AS NOTED  
 DRAWN BY: LW  
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| LEGEND & SYMBOL |                       |
|-----------------|-----------------------|
|                 | COLD WATER            |
|                 | NEW PLUMBING FIXTURES |
|                 | HOT WATER             |
|                 | KITCHEN FIXTURES      |
|                 | MIXING VALVE          |

**SHEET NOTE:**

PER SECTION 408 OF NYSFGC  
 ALL CAPS AND ASSOCIATED LINES NOT CONNECTED TO APPLIANCE OR EQUIPMENT SHALL BE REMOVED BY LICENSED PLUMBER.

ALL HORIZONTAL STEEL, CAST IRON, AND COPPER PIPE SHALL BE SUPPORTED AT 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".

**PLUMBING NOTE:**

- 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.
  - 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 UNDER THIS APPLICATION, AS REQUIRED FOR THE COMPLETION OF HIS WORK.
  - CONTRACTOR SHALL PERFORM ALL PLUMBING WORK AS REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE AND AS SPECIFIED HEREIN.
  - CONTRACTOR SHALL REMOVE ALL UNUSED AND UNNECESSARY PIPING AND SHALL PROVIDE NEW AS SHOWN ON PLANS.
  - ALL PIPING IS TO BE CONCEALED IN WALLS, SOFFITS, OR HUNG CEILINGS AND SHALL NOT BE EXPOSED TO VIEW, UNLESS AS NOTED.
  - 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 ANY AGENCY HAVING JURISDICTION.
  - WATER DISTRIBUTION SYSTEM TO BE COPPER TUBING OR APPROVED EQUAL THROUGHOUT.
  - NO JOIST TO BE CUT FOR PLUMBING ROUGHING.
- PROVIDE MECHANICAL VENTILATION FOR BATHROOM AS PER R303.3. INSTALL FAN ON LIGHT SWITCH CAPABLE MINIMUM 80 CFM VENTED TO EXTERIOR.
- THE CONTRACTOR SHALL PROVIDE RECEPTACLES SO THAT NO POINT ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6" MEASURED HORIZONTALLY FROM AN OUTLET IN THAT SPACE.
- ALL BATH, TOILET, KITCHEN, AND GARAGE OUTLETS SHALL BE GROUND-Fault-INTERRUPTER PROTECTION APPROVED DEVICES.
- 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.
- 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.
- 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.
- 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.
- 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 RELIEF ARCH, OR THERE SHALL BE BUILT UP 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.
- 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 PROTECTION ASSOCIATION.
- ALL MECHANICAL SYSTEMS, EQUIPMENT, APPLIANCES, ETC. MUST BE LISTED AND LABELED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS, LISTING/LABEL AND THE CODE.
- 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.
- 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 N1104.2 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.
- 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.
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- 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.

| PLUMBING SCHEDULE |                 |                           |            |           |       |     |
|-------------------|-----------------|---------------------------|------------|-----------|-------|-----|
| LOCATION          | QTY.            | TYPE                      | COLD WATER | HOT WATER | WASTE | GAS |
| 1ST FLOOR         | 1               | EXIST'G HAND SINK         | -          | -         | -     | -   |
|                   | 1               | NEW MOP SINK              | 1/2"       | 1/2"      | 3"    | -   |
|                   | 1               | EXIST'G ICE MAKER         | -          | -         | -     | -   |
|                   | 1               | EXIST'G DISHWASHER W/SINK | -          | -         | -     | -   |
|                   | 1               | EXIST'G 3-COMP. SINK      | -          | -         | -     | -   |
|                   | 2               | EXIST'G GREASE TRAP       | -          | -         | -     | -   |
| 2                 | NEW FLOOR DRAIN | -                         | -          | 3"        | -     |     |

| INSULATION SCHEDULE |                            |                   |              |              |          |              |
|---------------------|----------------------------|-------------------|--------------|--------------|----------|--------------|
| PIPING SYSTEM TYPES | FLUID TEMPERATURE RANGE °F | RUN OUTS UP TO 1" | 1-1/4" TO 2" | 2-1/2" TO 4" | 5" TO 6" | 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)

| GREASE#1 INTERCEPTOR SIZING |                                                   |                              |
|-----------------------------|---------------------------------------------------|------------------------------|
| QTY                         | DESCRIPTION                                       | CAPACITY                     |
| 1                           | EXIST'G 3 COMP. SINK (TYP. BOWL SIZE:14"x14"x14") | 8,232 CUBIC INCHES/29.67 GPM |
| 2                           | FLOOR DRAIN                                       | 3,080 CUBIC INCHES/11.10 GPM |
| 1                           | EXIST'G DISHWASHER                                | 40.0 GPM(TYP.)               |
| 1                           | FOODS SINK (TYP. BOWL SIZE:14"x14"x14")           | 2,744 CUBIC INCHES/9.89 GPM  |

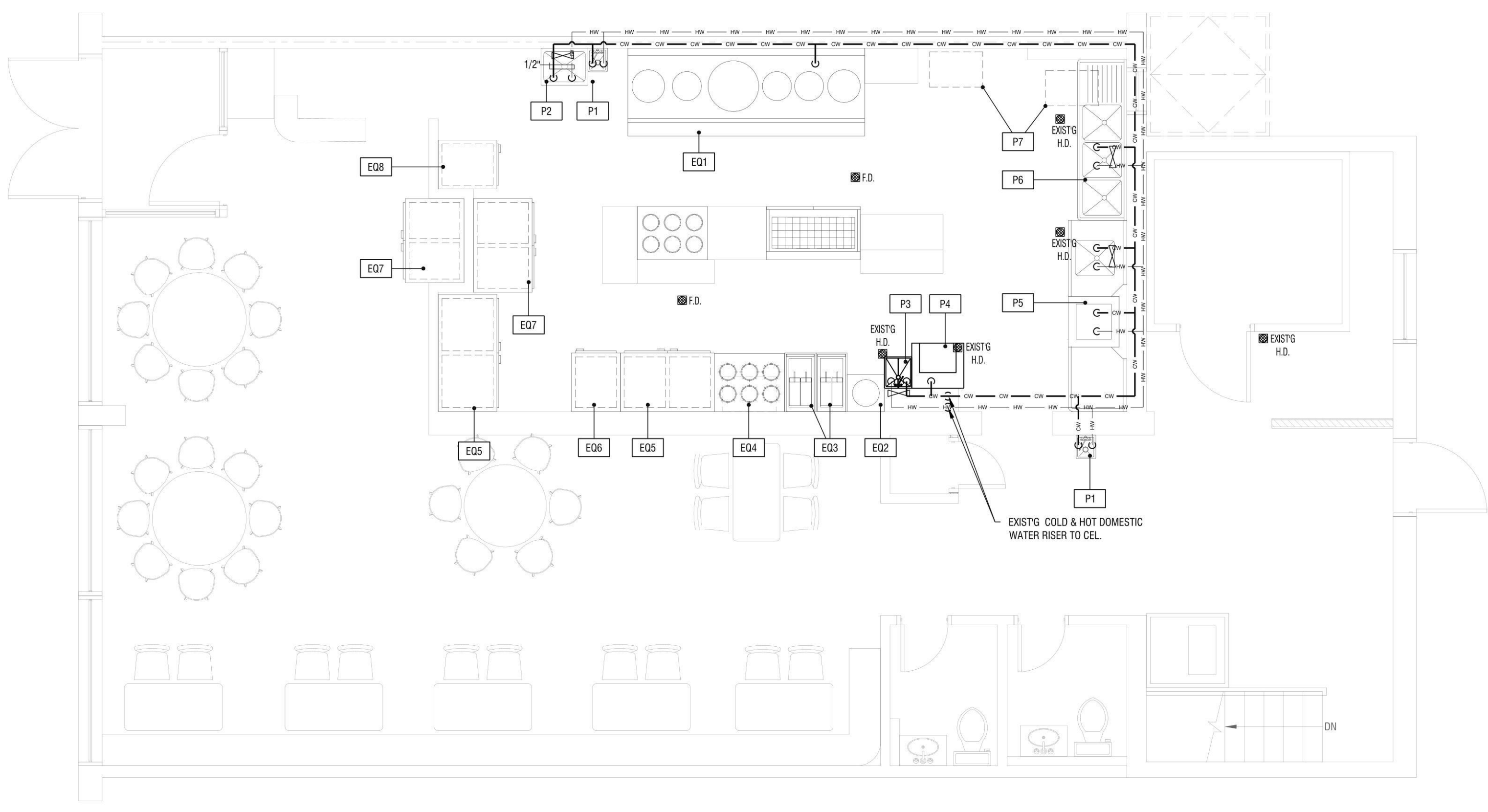
TOTAL CUBIC INCHES = 29.67 + 11.10 + 40.0 + 9.89 = 90.75 GPM  
 MIN. GREASE TRAP#1 SIZING REQUIREMENT = 90.75 GPM X 0.75 = 68.061 GPM = 137.214 LBS

| GREASE#2 INTERCEPTOR SIZING |                                    |                             |
|-----------------------------|------------------------------------|-----------------------------|
| QTY                         | DESCRIPTION                        | CAPACITY                    |
| 1                           | EXIST'G WOK STATION(TYP. 2" DRAIN) | 2,050 CUBIC INCHES/7.39 GPM |
| 1                           | NEW MOP SINK(BOWL SIZE:20"x16"x6") | 1,920 CUBIC INCHES/6.92 GPM |

TOTAL CUBIC INCHES = 7.39 + 6.92 = 14.31 GPM  
 MIN. GREASE TRAP#1 SIZING REQUIREMENT = 14.31 GPM X 0.75 = 10.73 GPM = 21.46 LBS

| KITCHEN EQUIPMENT SCHEDULE |                          |              |           |      |      |       |                |
|----------------------------|--------------------------|--------------|-----------|------|------|-------|----------------|
| 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   |
| EQ4                        | EXIST'G 6-EYE GAS BURNER | -            | -         | 1    | -    | -     | KITCHEN AREA   |
| EQ5                        | EXIST'G LOW-BOY          | -            | -         | 1    | -    | -     | KITCHEN AREA   |
| EQ6                        | EXIST'G FREEZER          | -            | -         | 1    | -    | -     | KITCHEN AREA   |
| EQ7                        | EXIST'G COOLER(LARGE)    | -            | -         | 2    | -    | -     | RECEPTION AREA |
| EQ8                        | EXIST'G COOLER(SMALL)    | -            | -         | 1    | -    | -     | RECEPTION AREA |

| PLUMBING EQUIPMENT SCHEDULE |                           |              |                    |      |              |
|-----------------------------|---------------------------|--------------|--------------------|------|--------------|
| NO.                         | ITEM DESCRIPTION          | MANUFACTURER | MODEL NO.          | QTY. | LOCATION     |
| P1                          | EXIST'G HAND SINK         | -            | -                  | 2    | KITCHEN AREA |
| P2                          | NEW MOP SINK              | REGENCY      | 25" 16-GA MOP SINK | 1    | KITCHEN AREA |
| P3                          | EXIST'G FOOD SINK         | -            | -                  | 1    | KITCHEN AREA |
| P4                          | EXIST'G ICE MAKER         | -            | -                  | 1    | KITCHEN AREA |
| P5                          | EXIST'G DISHWASHER W/SINK | -            | -                  | 1    | KITCHEN AREA |
| P6                          | EXIST'G 3-COMP. SINK      | -            | -                  | 1    | KITCHEN AREA |
| P7                          | EXIST'G GREASE TRAP#1     | -            | -                  | 1    | CELLAR       |
| P8                          | EXIST'G GREASE TRAP#2     | -            | -                  | 1    | CELLAR       |



**1 WATER SUPPLY PLAN**  
 SCALE: 1/4" = 1'-0"

**DISAPPROVED**  
 Michael Maracic  
 04/01/2024



36-09 MAIN STREET, SUITE 60  
 WILLISTON PARK, NY 11596  
 T: 716-798-9901  
 E: INFO@HITASSOCIATES.NET

| DATE |
|------|
|      |

| REVISION |
|----------|
|          |

**OWNER NAME**  
 OWNER INFO

**PROJECT ADDRESS:**  
 344 HILLSIDE AVE.  
 WILLISTON PARK, NY 11596  
 SECTION: 9; BLOCK: 142; LOT: 28

**DRAWING TITLE:**  
 WATER SUPPLY PLAN & NOTES

**SHEET NO.:**  
 PL-100.00

**PAGE:** Page 18 of 21  
**DATE ISSUED:** 3/25/2024  
**DATE CREATED:** 11/28/2022  
**SCALE:** AS NOTED  
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**CHECKED BY:** KY FU  
**JOB #:** 23043



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| LEGEND & SYMBOL |                       |
|-----------------|-----------------------|
|                 | GREASE WASTE          |
|                 | NEW PLUMBING FIXTURES |
|                 | SANITARY WASTE        |
|                 | KITCHEN FIXTURES      |

**SHEET NOTE:**

PER SECTION 408 OF NYSFGC ALL CAPS AND ASSOCIATED LINES NOT CONNECTED TO APPLIANCE OR EQUIPMENT SHALL BE REMOVED BY LICENSED PLUMBER.

ALL HORIZONTAL STEEL, CAST IRON, AND COPPER PIPE SHALL BE SUPPORTED AT 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".

**PLUMBING NOTE:**

- 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.
  - 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 UNDER THIS APPLICATION, AS REQUIRED FOR THE COMPLETION OF HIS WORK.
  - CONTRACTOR SHALL PERFORM ALL PLUMBING WORK AS REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE AND AS SPECIFIED HEREIN.
  - CONTRACTOR SHALL REMOVE ALL UNUSED AND UNNECESSARY PIPING AND SHALL PROVIDE NEW AS SHOWN ON PLANS.
  - ALL PIPING IS TO BE CONCEALED IN WALLS, SOFFITS, OR HUNG CEILINGS AND SHALL NOT BE EXPOSED TO VIEW, UNLESS AS NOTED.
  - 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 ANY AGENCY HAVING JURISDICTION.
  - WATER DISTRIBUTION SYSTEM TO BE COPPER TUBING OR APPROVED EQUAL THROUGHOUT.
  - NO JOIST TO BE CUT FOR PLUMBING ROUGHING.
- PROVIDE MECHANICAL VENTILATION FOR BATHROOM AS PER R303.3. INSTALL FAN ON LIGHT SWITCH CAPABLE MINIMUM 80 CFM VENTED TO EXTERIOR.
- THE CONTRACTOR SHALL PROVIDE RECEPTACLES SO THAT NO POINT ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6" MEASURED HORIZONTALLY FROM AN OUTLET IN THAT SPACE.
- ALL BATH, TOILET, KITCHEN, AND GARAGE OUTLETS SHALL BE GROUND-FAULT-INTERRUPTER PROTECTION APPROVED DEVICES.
- 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.
- 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.
- 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.
- 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.
- 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 RELIEFING ARCH, OR THERE SHALL BE BUILT INTO THE MASONRY WALL A PIPE SLEEVE TWO PIPE SIZES GREATER THAN THE PIPE PASSING THROUGH.
- 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.
- 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 PROTECTION ASSOCIATION.
- ALL MECHANICAL SYSTEMS, EQUIPMENT, APPLIANCES, ETC. MUST BE LISTED AND LABELED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS, LISTING/LABEL AND THE CODE.
- 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.
- 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 N1104.2 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.
- 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.
- 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.

| PLUMBING SCHEDULE |                 |                           |            |           |       |     |
|-------------------|-----------------|---------------------------|------------|-----------|-------|-----|
| LOCATION          | QTY.            | TYPE                      | COLD WATER | HOT WATER | WASTE | GAS |
| 1ST FLOOR         | 1               | EXIST'G HAND SINK         | -          | -         | -     | -   |
|                   | 1               | NEW MOP SINK              | 1/2"       | 1/2"      | 3"    | -   |
|                   | 1               | EXIST'G ICE MAKER         | -          | -         | -     | -   |
|                   | 1               | EXIST'G DISHWASHER W/SINK | -          | -         | -     | -   |
|                   | 1               | EXIST'G 3-COMP. SINK      | -          | -         | -     | -   |
|                   | 2               | EXIST'G GREASE TRAP       | -          | -         | -     | -   |
| 2                 | NEW FLOOR DRAIN | -                         | -          | 3"        | -     |     |

| INSULATION SCHEDULE |                            |                   |              |              |          |              |
|---------------------|----------------------------|-------------------|--------------|--------------|----------|--------------|
| PIPING SYSTEM TYPES | FLUID TEMPERATURE RANGE °F | RUN OUTS UP TO 1" | 1-1/4" TO 2" | 2-1/2" TO 4" | 5" TO 6" | 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)

| GREASE#1 INTERCEPTOR SIZING |                                                   |                              |
|-----------------------------|---------------------------------------------------|------------------------------|
| QTY                         | DESCRIPTION                                       | CAPACITY                     |
| 1                           | EXIST'G 3 COMP. SINK (TYP. BOWL SIZE:14"X14"X14") | 8,232 CUBIC INCHES/29.67 GPM |
| 2                           | FLOOR DRAIN                                       | 3,080 CUBIC INCHES/11.10 GPM |
| 1                           | EXIST'G DISHWASHER                                | 40.0 GPM(TYP.)               |
| 1                           | FOODS SINK (TYP. BOWL SIZE:14"X14"X14")           | 2,744 CUBIC INCHES/9.89 GPM  |

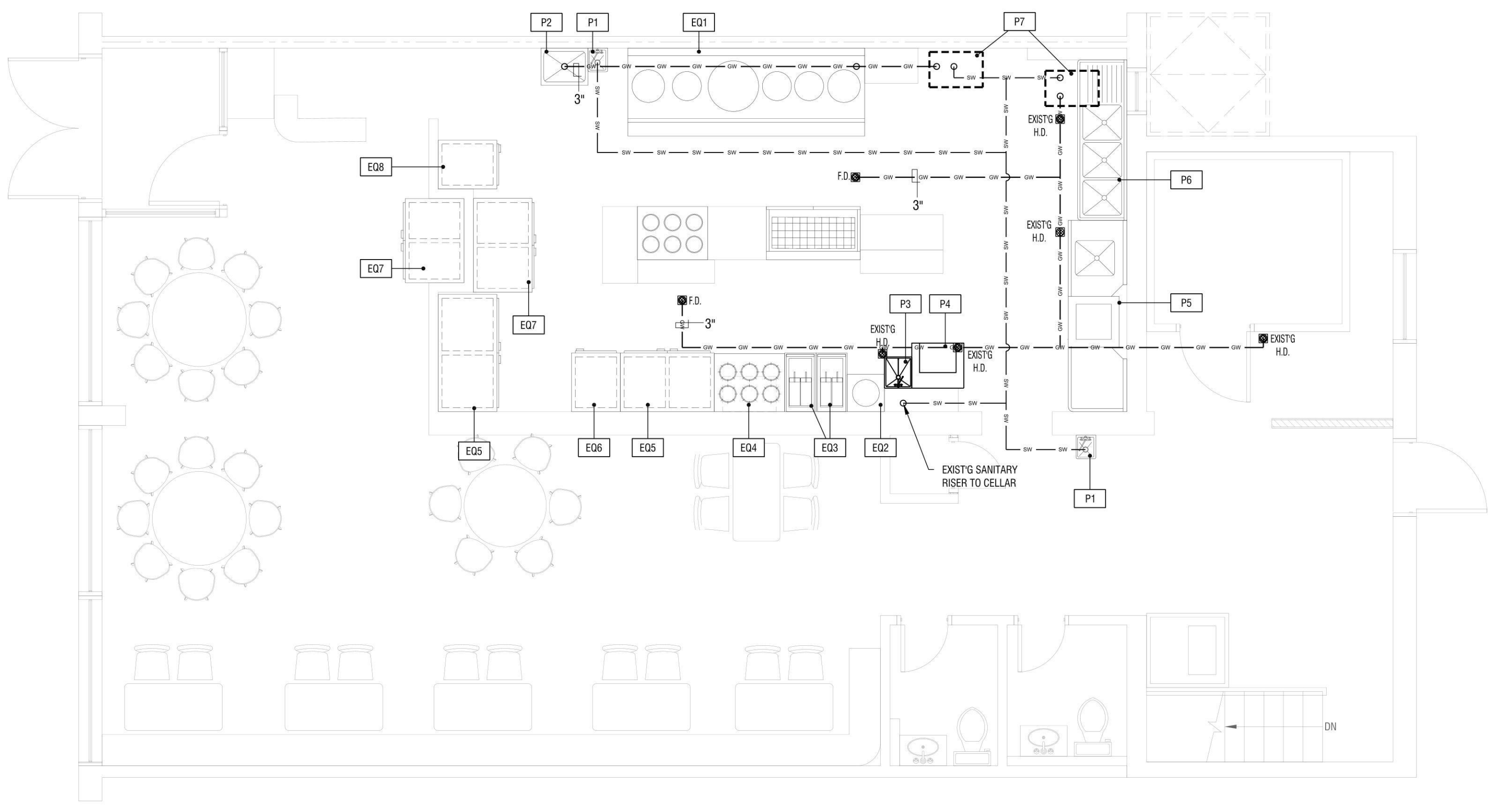
TOTAL CUBIC INCHES = 29.67 + 11.10 + 40.0 + 9.89 = 90.75 GPM  
MIN. GREASE TRAP#1 SIZING REQUIREMENT = 90.75 GPM X 0.75 = 68.601 GPM = 137.214 LBS

| GREASE#2 INTERCEPTOR SIZING |                                    |                             |
|-----------------------------|------------------------------------|-----------------------------|
| QTY                         | DESCRIPTION                        | CAPACITY                    |
| 1                           | EXIST'G WOK STATION(TYP. 2" DRAIN) | 2,050 CUBIC INCHES/7.39 GPM |
| 1                           | NEW MOP SINK(BOWL SIZE:20"X16"X6") | 1,920 CUBIC INCHES/6.92 GPM |

TOTAL CUBIC INCHES = 7.39 + 6.92 = 14.31 GPM  
MIN. GREASE TRAP#1 SIZING REQUIREMENT = 14.31 GPM X 0.75 = 10.73 GPM = 21.46 LBS

| KITCHEN EQUIPMENT SCHEDULE |                          |              |           |      |      |       |                |
|----------------------------|--------------------------|--------------|-----------|------|------|-------|----------------|
| 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   |
| EQ4                        | EXIST'G 6-EYE GAS BURNER | -            | -         | 1    | -    | -     | KITCHEN AREA   |
| EQ5                        | EXIST'G LOW-BOY          | -            | -         | 1    | -    | -     | KITCHEN AREA   |
| EQ6                        | EXIST'G FREEZER          | -            | -         | 1    | -    | -     | KITCHEN AREA   |
| EQ7                        | EXIST'G COOLER(LARGE)    | -            | -         | 2    | -    | -     | RECEPTION AREA |
| EQ8                        | EXIST'G COOLER(SMALL)    | -            | -         | 1    | -    | -     | RECEPTION AREA |

| PLUMBING EQUIPMENT SCHEDULE |                           |              |                    |      |             |              |
|-----------------------------|---------------------------|--------------|--------------------|------|-------------|--------------|
| 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 |
| P4                          | EXIST'G ICE MAKER         | -            | -                  | 1    | -           | KITCHEN AREA |
| P5                          | EXIST'G DISHWASHER W/SINK | -            | -                  | 1    | -           | KITCHEN AREA |
| P6                          | EXIST'G 3-COMP. SINK      | -            | -                  | 1    | -           | KITCHEN AREA |
| P7                          | EXIST'G GREASE TRAP#1     | -            | -                  | 1    | -           | CELLAR       |
| P8                          | EXIST'G GREASE TRAP#2     | -            | -                  | 1    | -           | CELLAR       |



**1 SANITARY WASTE PLAN**  
SCALE: 1/4" = 1'-0"

**DISAPPROVED**  
Michael Maracic  
04/01/2024



36-09 MAIN STREET, SUITE 60  
LITTLE ROCK, AR 72114  
T: 716-798-9901  
E: INFO@HITASSOCIATES.NET

| DATE |
|------|
|      |

| REVISION |
|----------|
|          |

OWNER NAME  
OWNER INFO

PROJECT ADDRESS:  
**344 HILLSIDE AVE.**  
**WILLISTON PARK, NY 11596**  
SECTION: 9; BLOCK: 142; LOT: 28

**SANITARY WASTE PLAN & NOTES**

SHEET NO.:  
**PL-101.00**

PAGE: Page 19 of 21  
DATE ISSUED: 3/25/2024  
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JOB #: 23043



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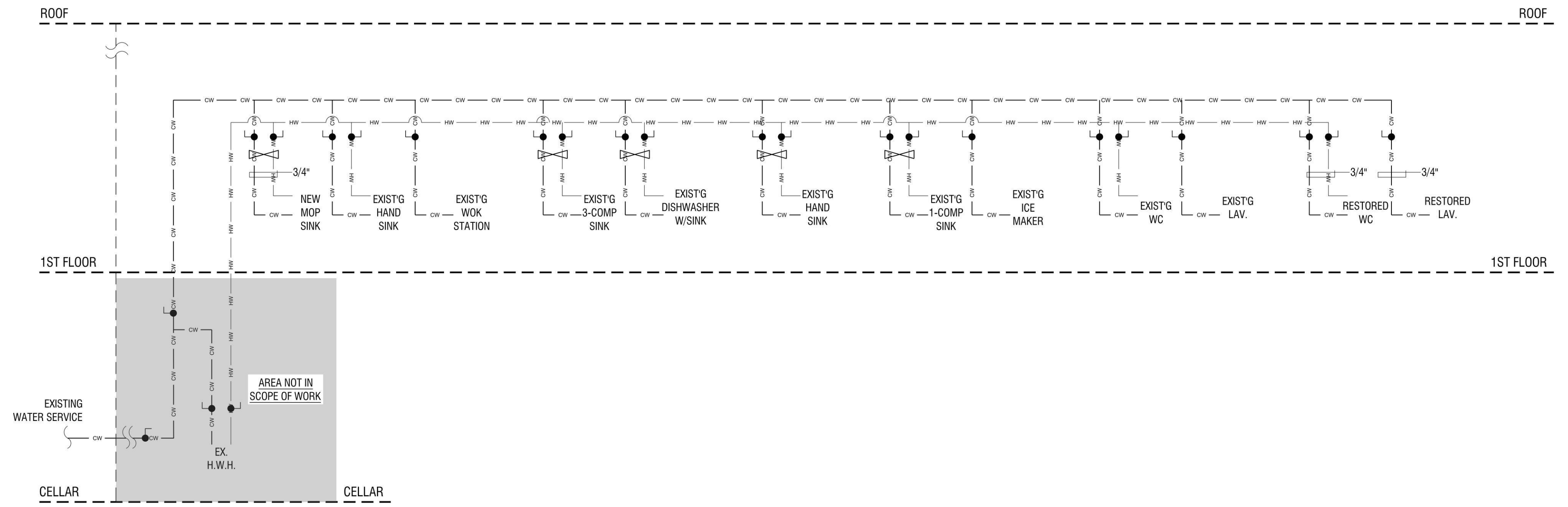
| LEGEND & SYMBOL |                     | SHEET NOTE:                                                                                                                         |
|-----------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
|                 | SANITARY WASTE      | PER NYSFGC 408<br>ALL CAPS AND ASSOCIATED LINES NOT<br>CONNECTED TO APPLIANCE OR EQUIPMENT<br>SHALL BE REMOVED BY LICENSED PLUMBER. |
|                 | VENT STACK          |                                                                                                                                     |
|                 | COLD WATER LINE     |                                                                                                                                     |
|                 | HOT WATER LINE      |                                                                                                                                     |
|                 | WATER SHUTOFF VALVE |                                                                                                                                     |

| PLUMBING SCHEDULE |      |                           |            |           |       |     |
|-------------------|------|---------------------------|------------|-----------|-------|-----|
| LOCATION          | QTY. | TYPE                      | COLD WATER | HOT WATER | WASTE | GAS |
| 1ST FLOOR         | 1    | EXIST'G HAND SINK         | -          | -         | -     | -   |
|                   | 1    | NEW MOP SINK              | 1/2"       | 1/2"      | 3"    | -   |
|                   | 1    | EXIST'G ICE MAKER         | -          | -         | -     | -   |
|                   | 1    | EXIST'G DISHWASHER W/SINK | -          | -         | -     | -   |
|                   | 1    | EXIST'G 3-COMP. SINK      | -          | -         | -     | -   |
|                   | 2    | EXIST'G GREASE TRAP       | -          | -         | -     | -   |
|                   | 2    | NEW FLOOR DRAIN           | -          | -         | 3"    | -   |

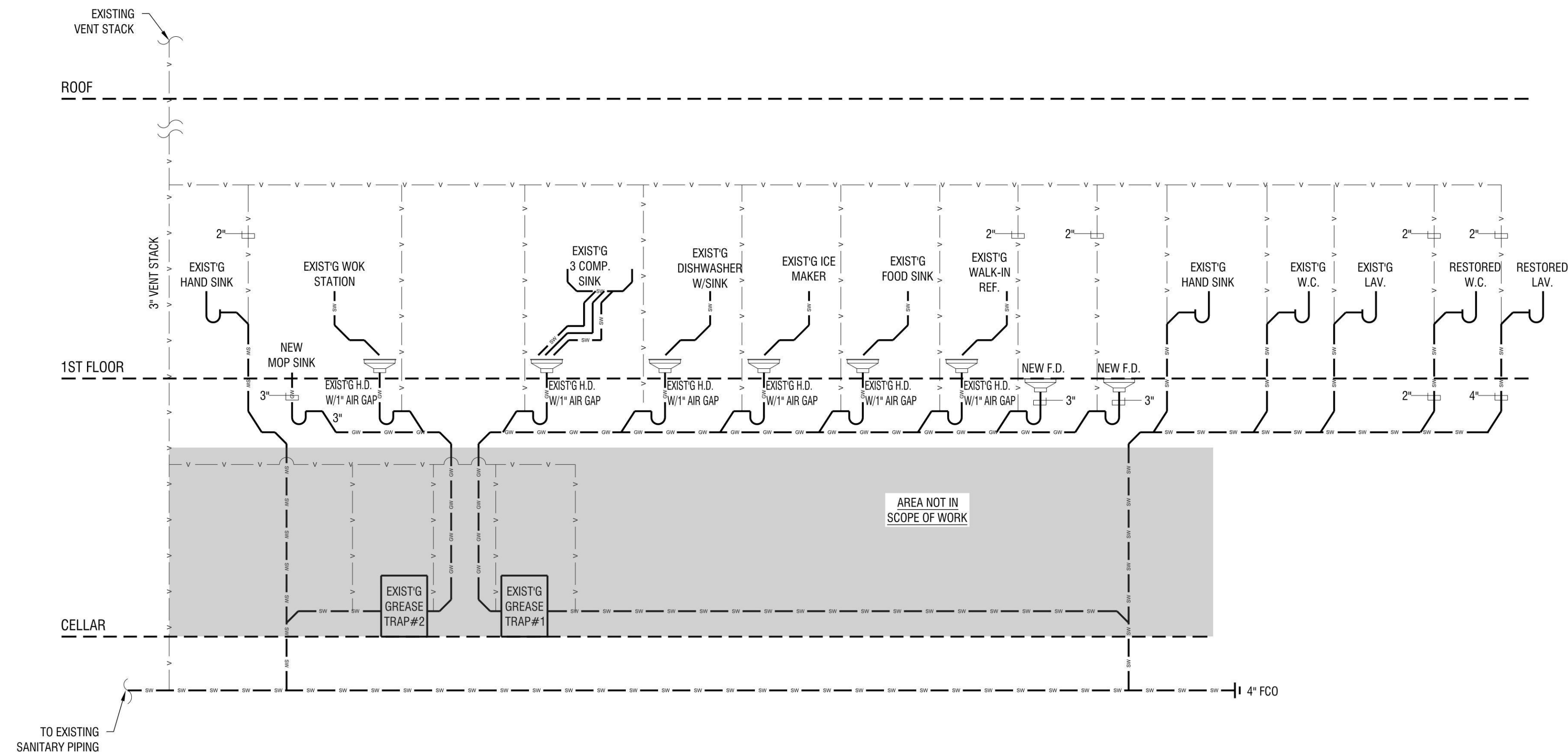
| INSULATION SCHEDULE |                            |                   |              |              |          |              |
|---------------------|----------------------------|-------------------|--------------|--------------|----------|--------------|
| PIPING SYSTEM TYPES | FLUID TEMPERATURE RANGE °F | RUN OUTS UP TO 1" | 1-1/4" TO 2" | 2-1/2" TO 4" | 5" TO 6" | 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)

| TABLE 402.4(2)<br>SCHEDULE 40 METALLIC PIPE |           |                                        |
|---------------------------------------------|-----------|----------------------------------------|
| GAS                                         |           | NATURAL                                |
| INLET PRESSURE                              |           | LESS THAN 2 PSI                        |
| PRESSURE DROP                               |           | 0.5 IN. W.C.                           |
| SPECIFIC GRAVITY                            |           | 0.6                                    |
| PIPE SIZE (INCH)                            |           |                                        |
| NOMINAL                                     | ACTUAL ID | CAPACITY IN CUBIC FEET OF GAS PER HOUR |
| 10                                          | 3.60      | 678                                    |
| 20                                          | 2.47      | 466                                    |
| 30                                          | 1.99      | 374                                    |
| 40                                          | 1.70      | 320                                    |



1 DOMESTIC WATER RISER DIAGRAM  
SCALE: NTS



2 SANITARY RISER DIAGRAM  
SCALE: NTS

**DISAPPROVED**  
Michael Maracic  
04/01/2024



36-05 MAIN STREET, SUITE 50  
LITTLE ROCK, AR 72114  
T: 716-786-9901  
E: INFO@HTASSOCIATES.NET

| DATE |
|------|
|      |

| REVISION |
|----------|
|          |

| # |
|---|
|   |

OWNER NAME  
OWNER INFO

PROJECT ADDRESS:  
344 HILLSIDE AVE.  
WILLISTON PARK, NY 11596  
SECTION: 9, BLOCK: 142, LOT: 28

DRAWING TITLE:  
PLUMBING  
RISER  
DIAGRAM

SHEET NO.:  
PL-200.00

PAGE: Page 20 of 21  
DATE ISSUED: 3/25/2024  
DATE CREATED: 11/28/2022  
SCALE: AS NOTED  
DRAWN BY: LW  
CHECKED BY: KY FU  
JOB #: 23043



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|          |  |
|----------|--|
| DATE     |  |
| REVISION |  |

OWNER NAME  
OWNER INFO

CLIENT:

344 HILLSIDE AVE.  
WILLISTON PARK, NY 11596  
SECTION: 9, BLOCK: 142, LOT: 28

DRAWING TITLE:

**PLUMBING  
DETAILS**

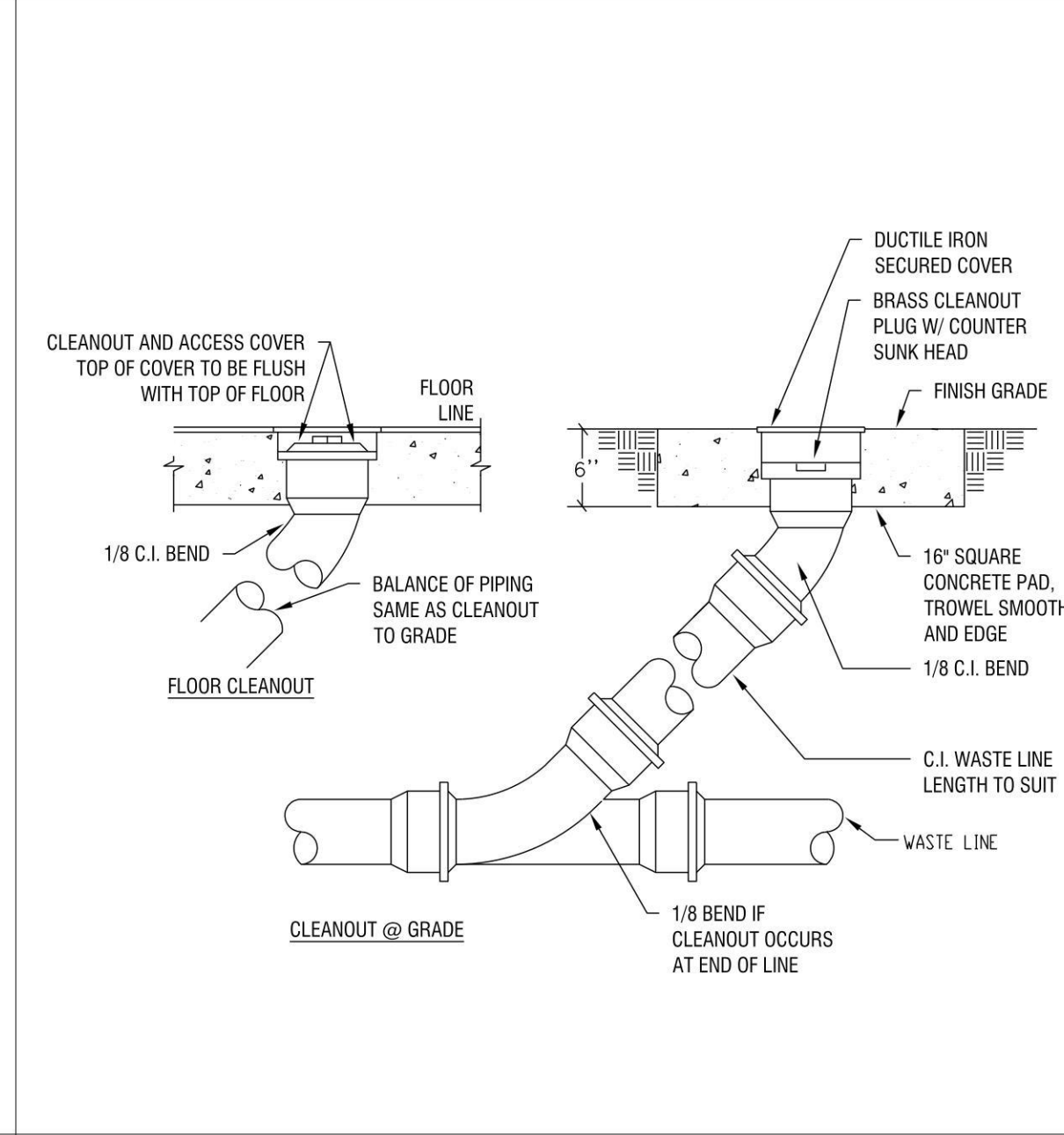
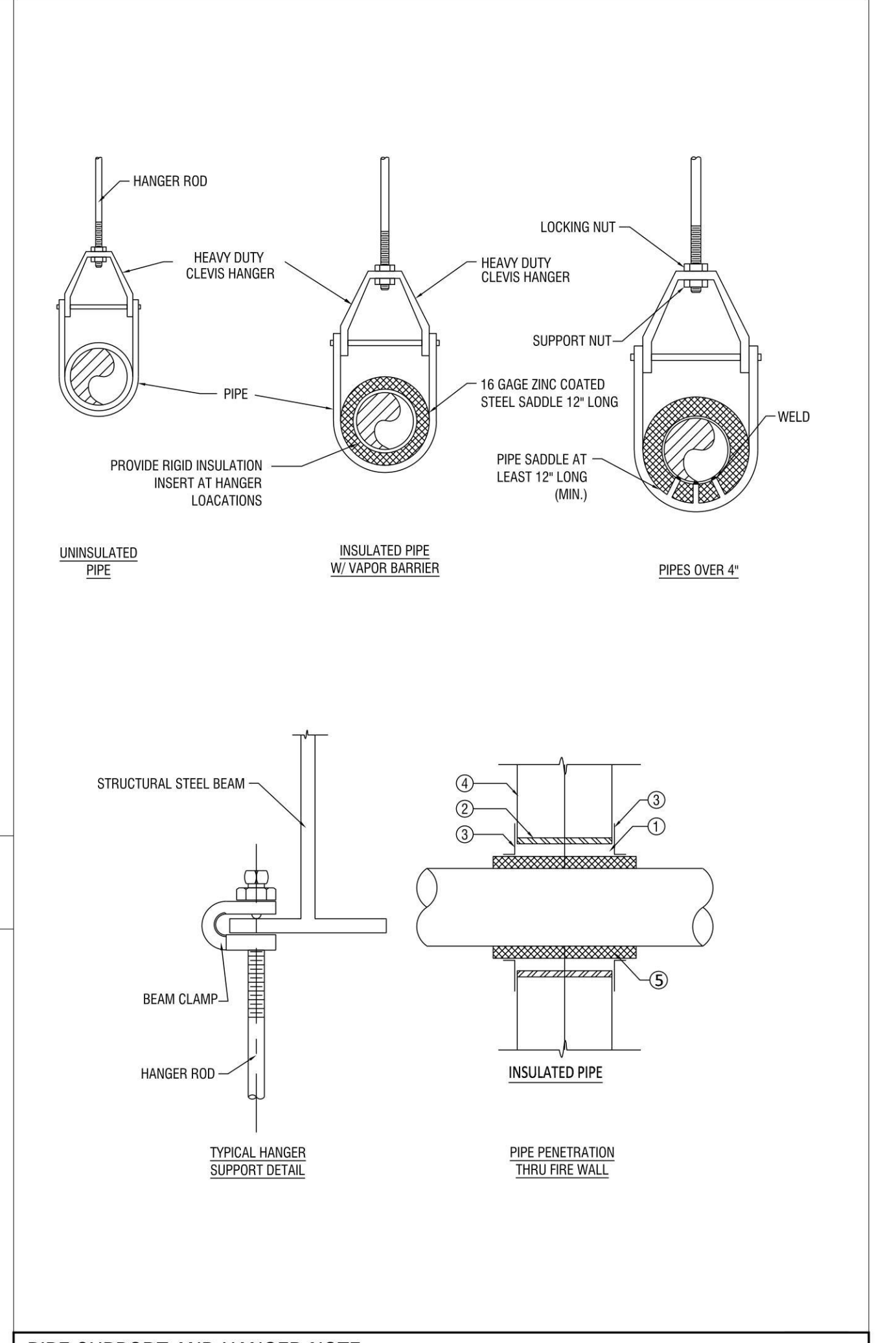
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**PL-300.00**

PAGE: Page 21 of 21  
DATE ISSUED: 3/25/2024  
DATE CREATED: 11/28/2022  
SCALE: AS NOTED  
DRAWN BY: LW  
CHECKED BY: KY FU  
JOB #: 23043

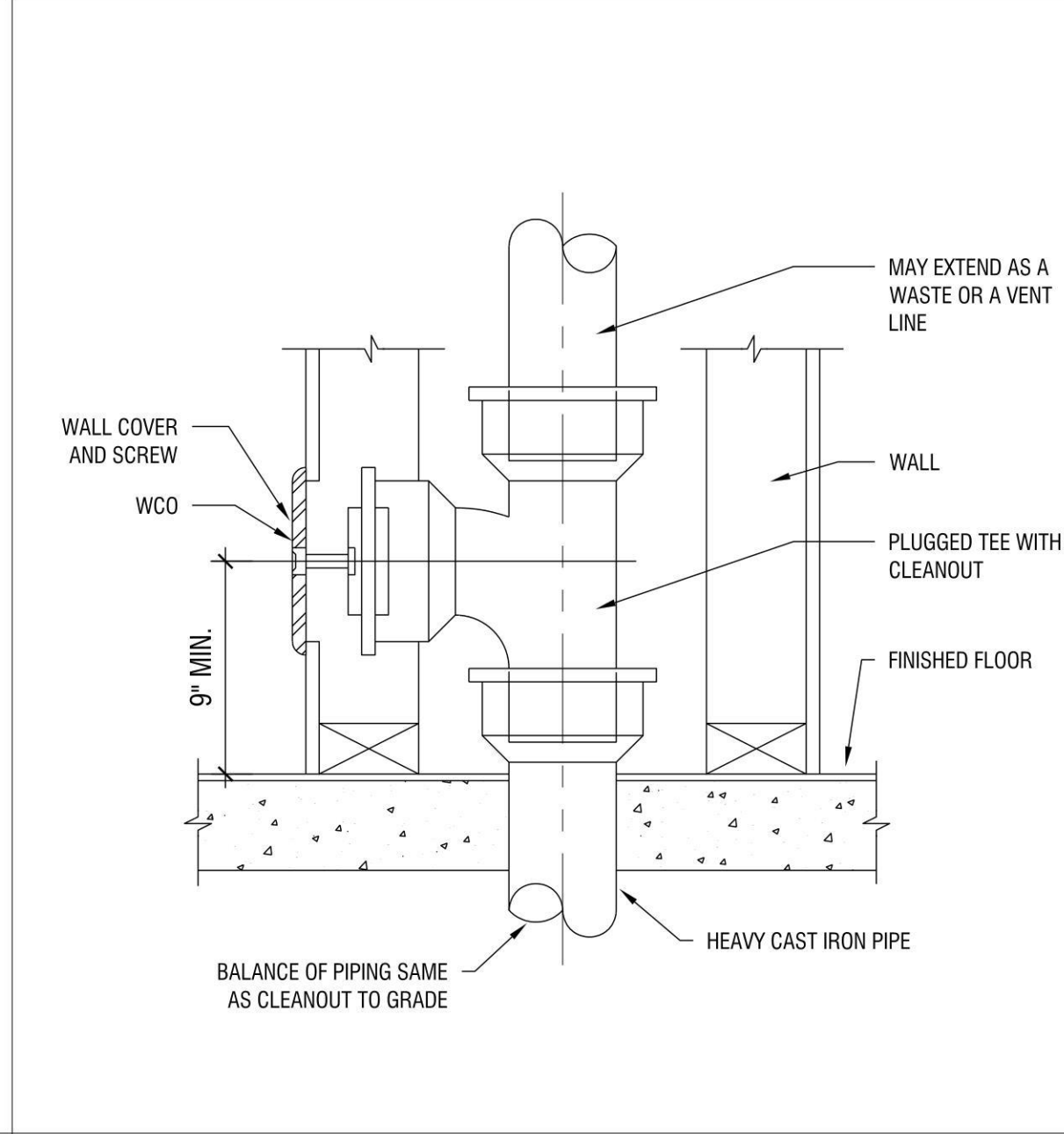
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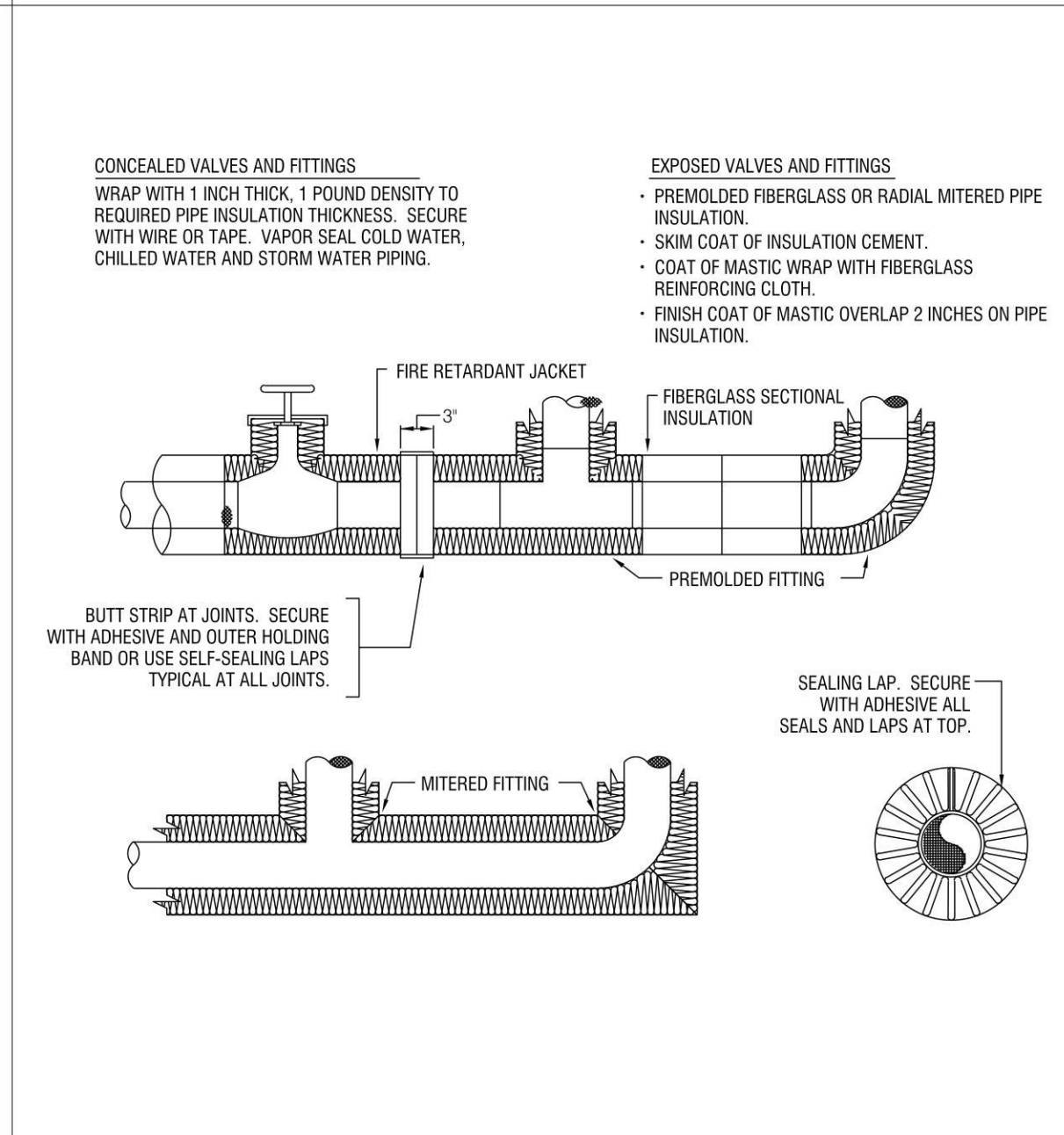
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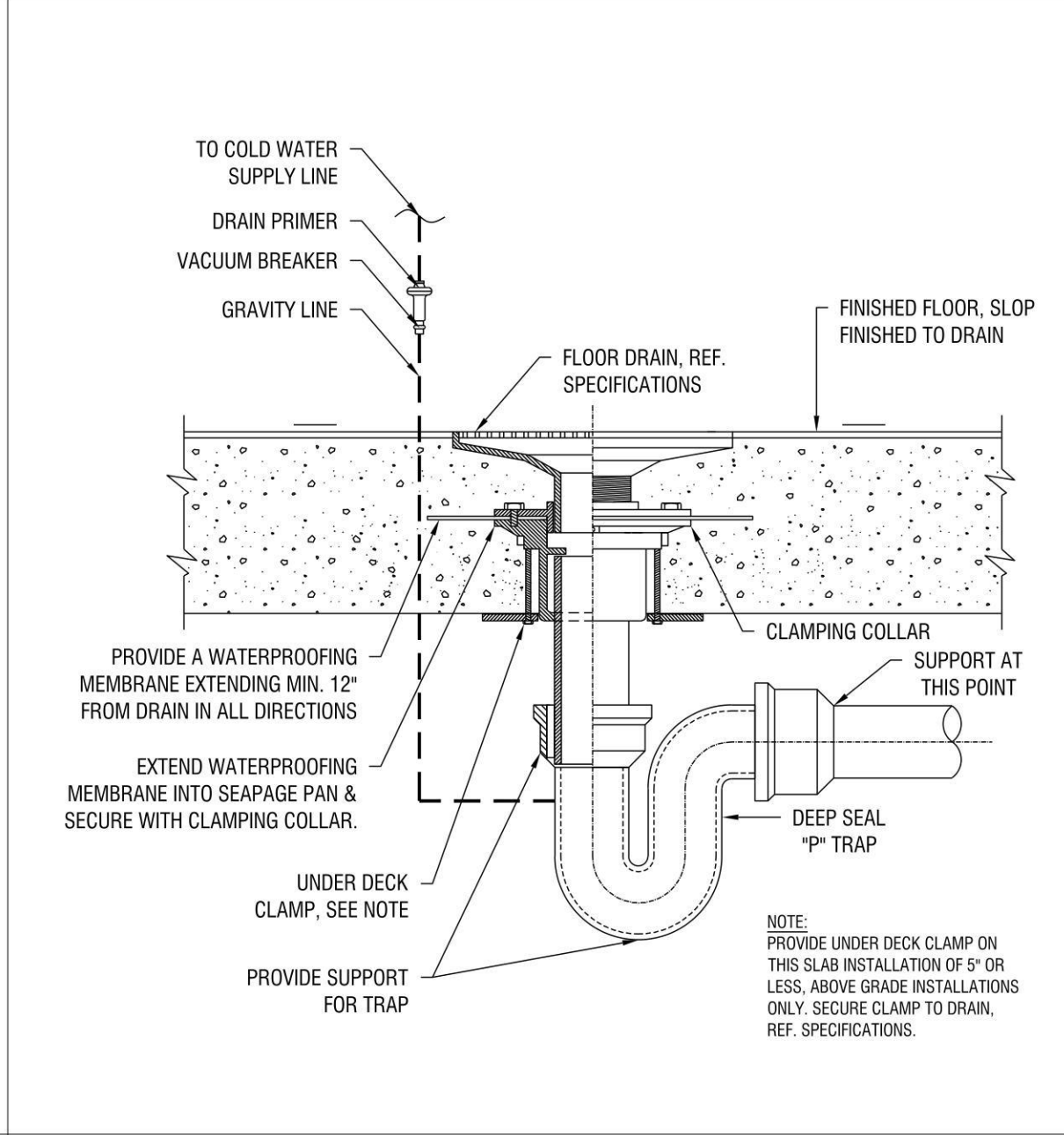
4 TYPICAL CLEANOUT(S) DETAIL  
SCALE: N.T.S.



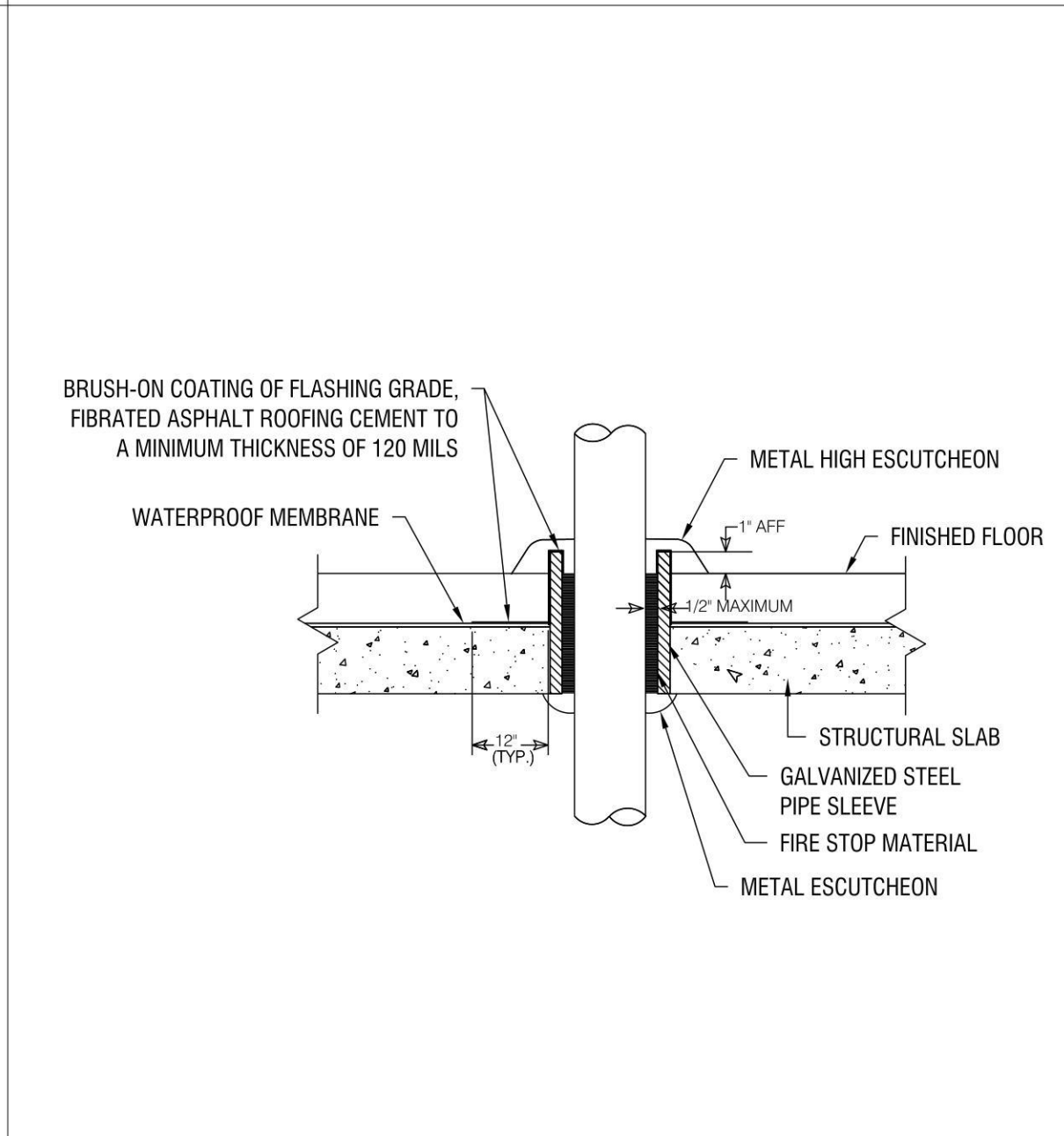
3 TYPICAL WALL CLEANOUT DETAIL  
SCALE: NTS



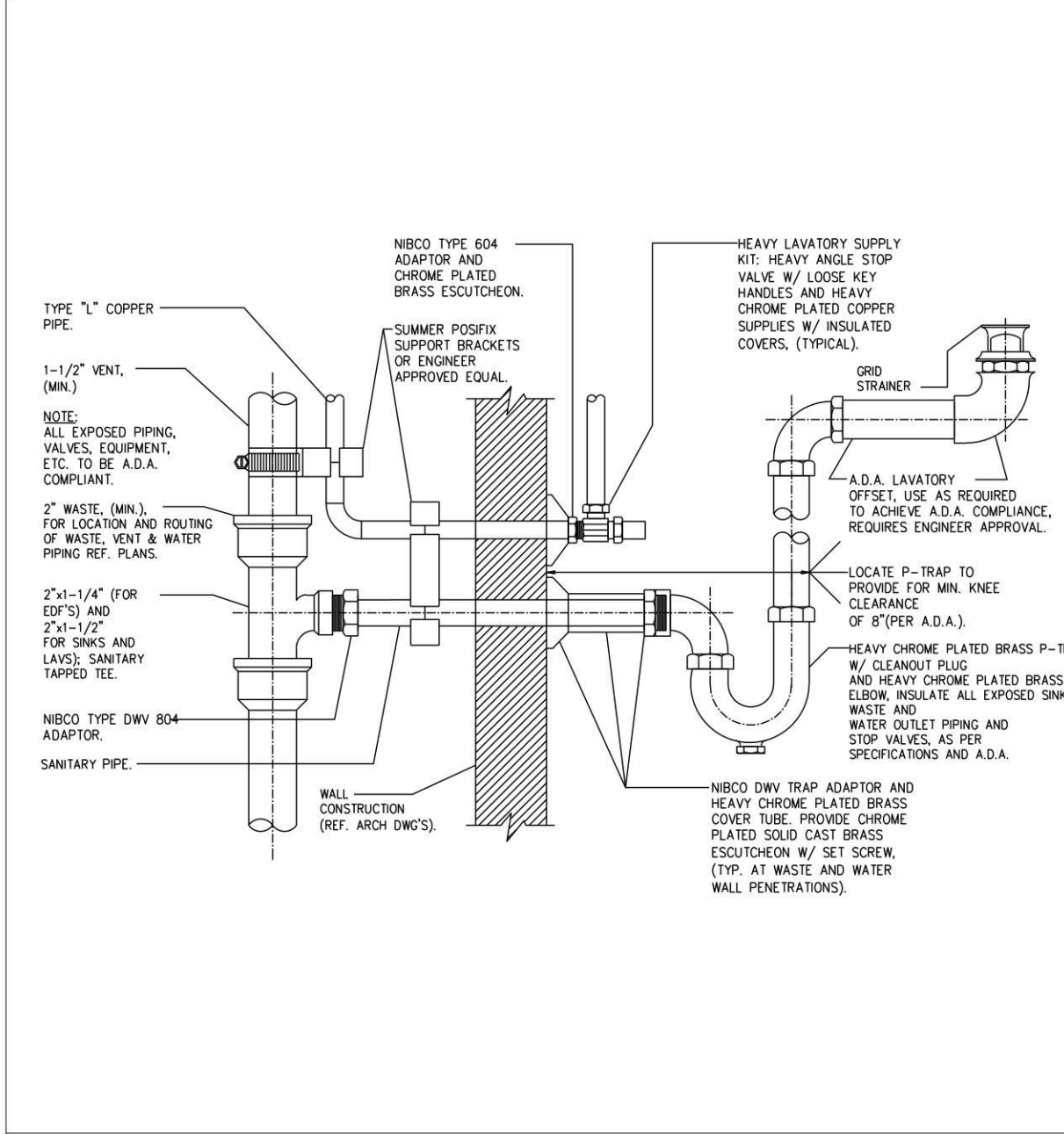
7 INSULATION OF PIPING, VALVES & FITTINGS (TYP.)  
SCALE: NTS



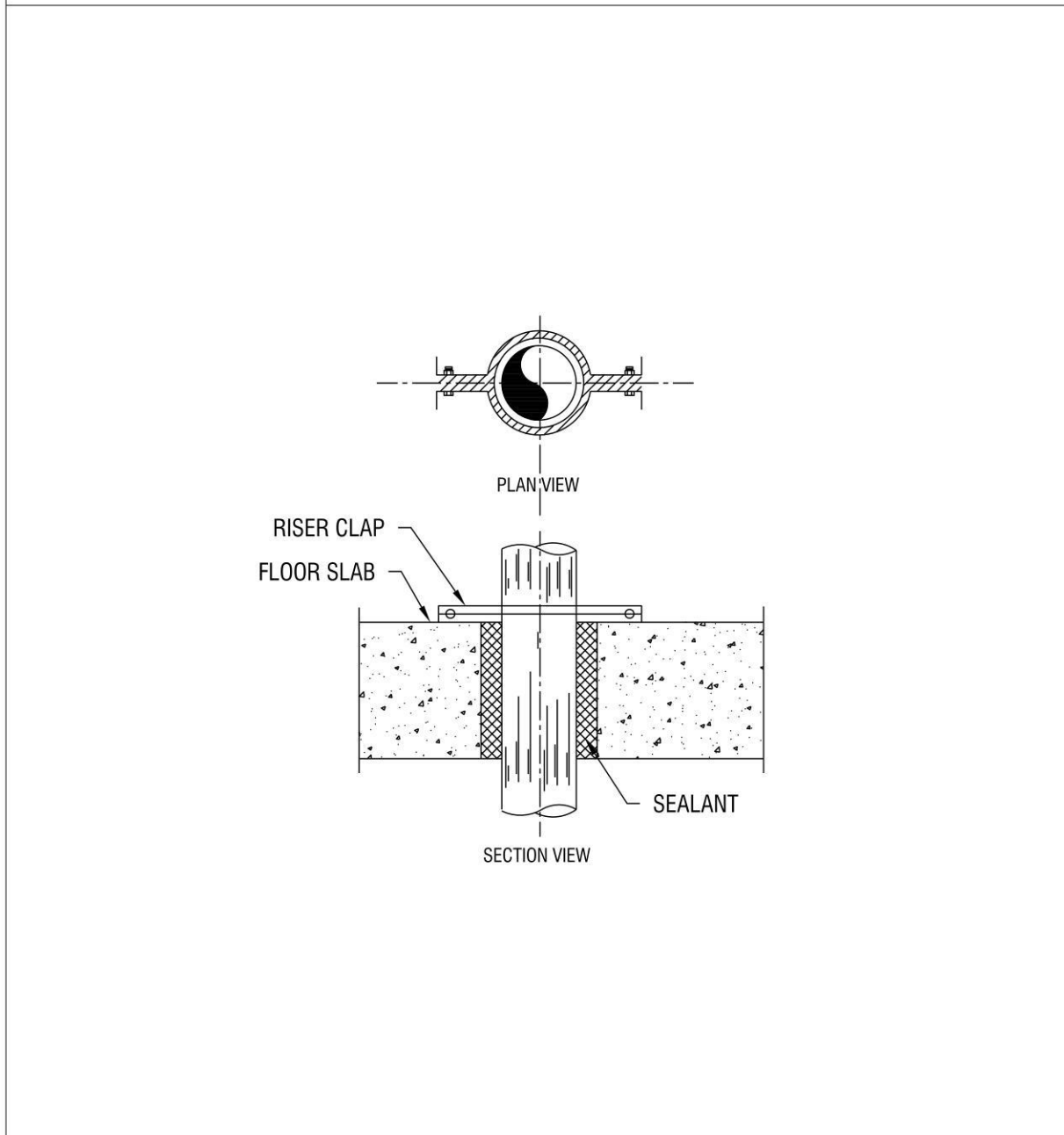
2 FLOOR DRAIN INSTALLATION DETAIL  
SCALE: NTS



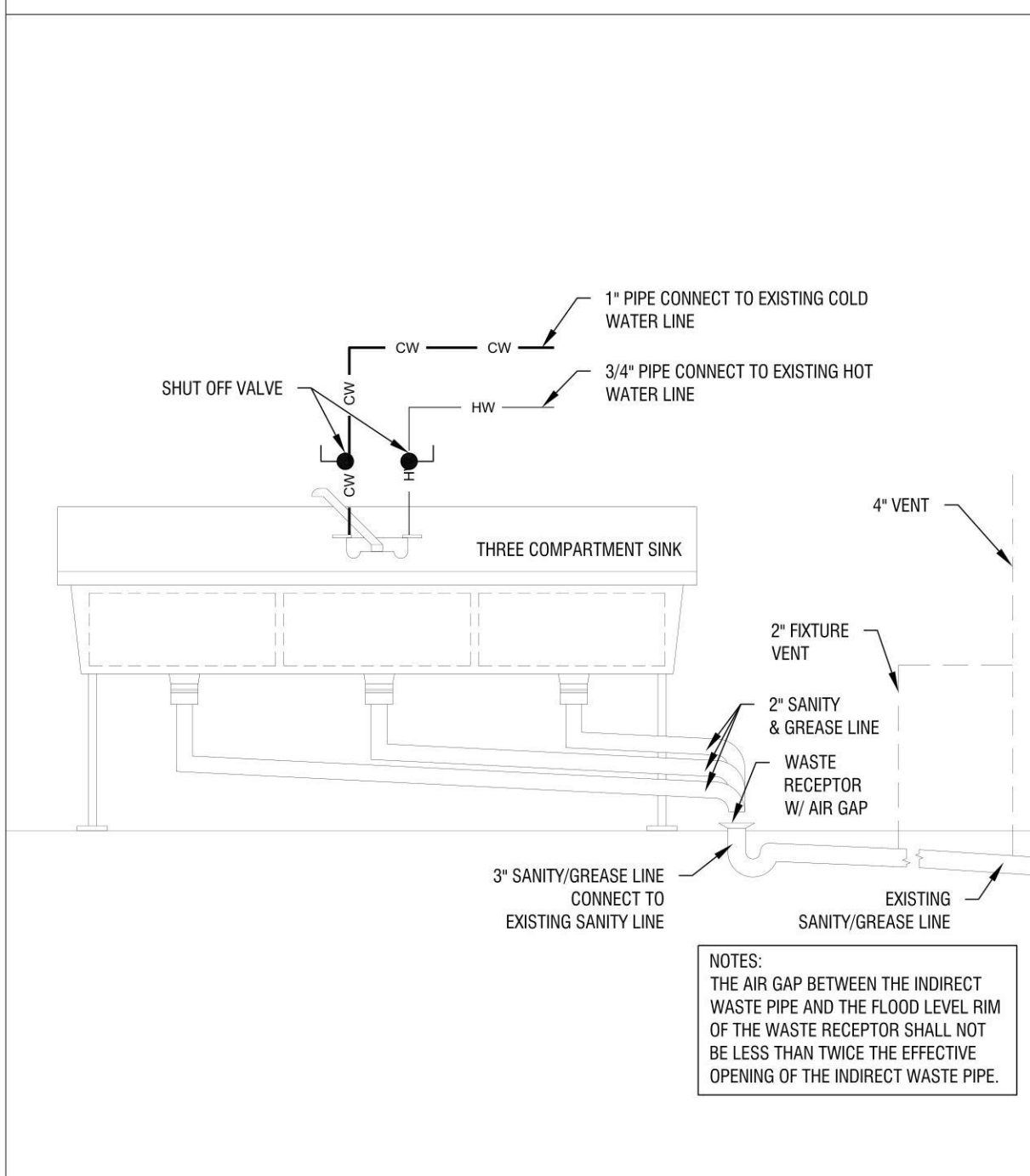
6 PIPE PENETRATION THRU WATERPROOF SLAB (TYP.)  
SCALE: NTS



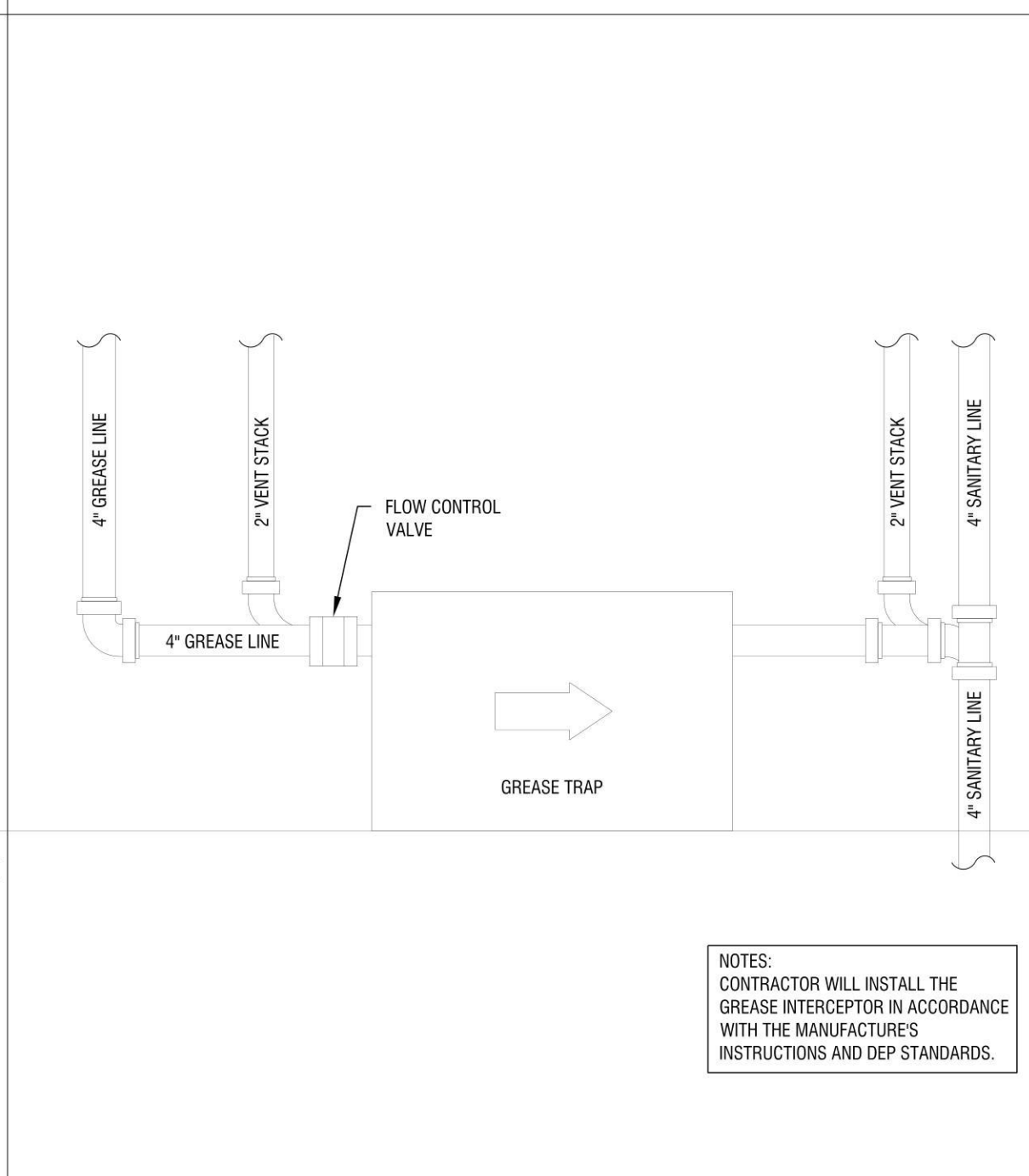
1 SINK CONNECTION DETAIL (TYP.)  
SCALE: N.T.S.



5 PIPE SLEEVE THRU FLOOR SLAB (TYP.)  
SCALE: NTS



3 3 COMPARTMENT SINK DETAIL (TYP.)  
SCALE: NTS

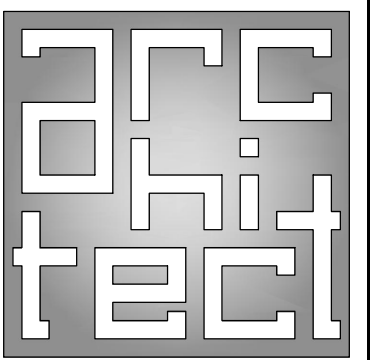


2 GREASE TRAP CONNECTION DETAIL  
SCALE: NTS

**DISAPPROVED**  
Michael Maracic  
04/01/2024



# #21547



ENIK MEHMETI

567 BROADWAY  
MASSAPEQUA NY 11758  
Tel: 516-809-5888  
E-Mail: ingenik@gmail.com

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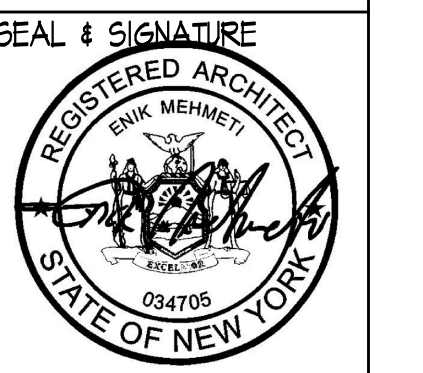
1. 01/18/2024 TO DOB  
No. DATE DESCRIPTION  
ISSUED

SIGN FOR:  
**JONATHAN'S RESTAURANT**

3000 JERICHO TPKE  
GARDEN CITY PARK, NY, 11752  
54.B-612, L50, ZONE BUSINESS-A

SURVEY

NY'S LICENSE: 034705  
EXPIRATION 04/30/2025



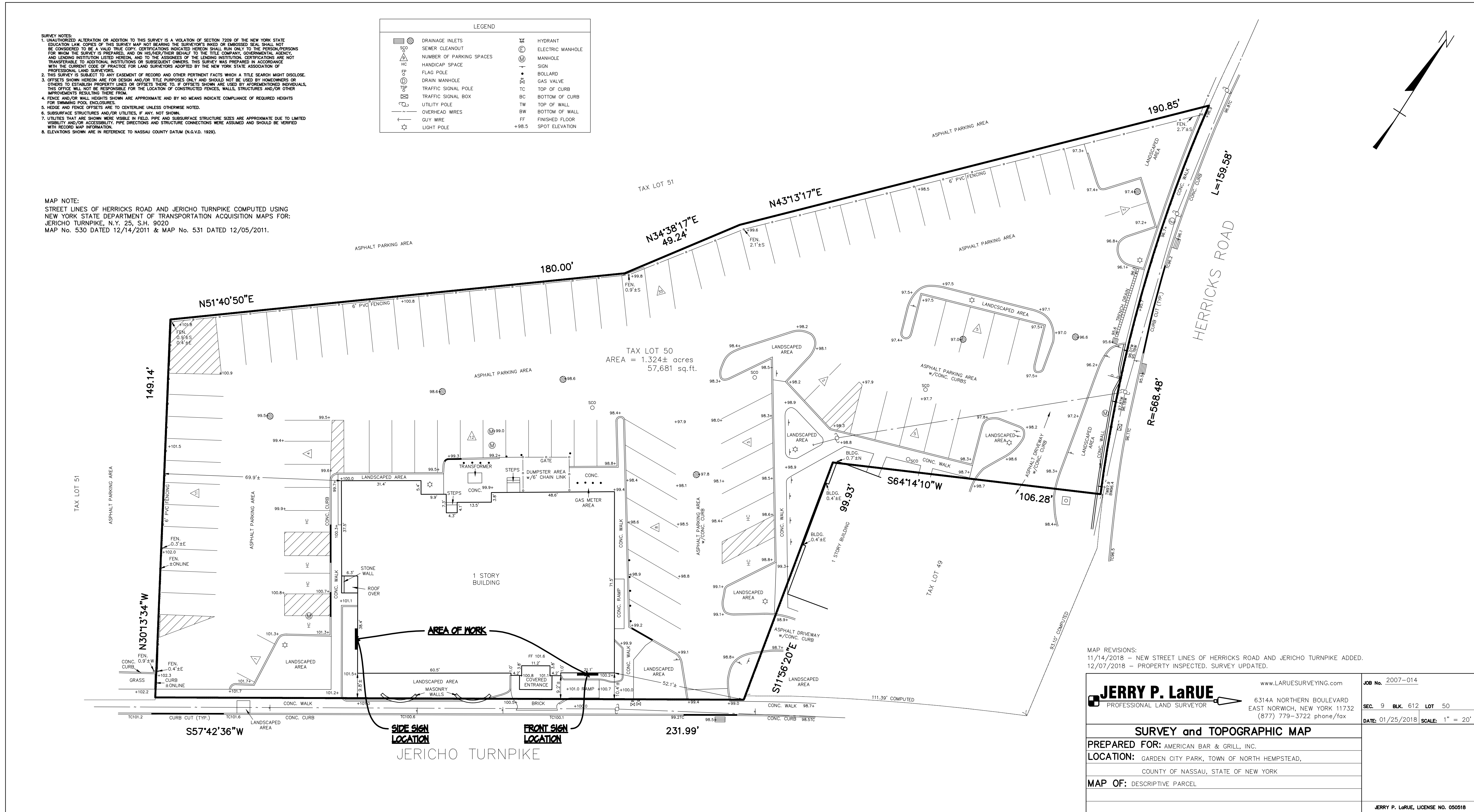
COMM: 2024/01/2  
DESIGN BY: E.M.  
DRAWING BY: E.M.  
CHK BY: E.M.  
STR BY: TBD  
CHK BY: TBD  
DWG No.:

A-001.00  
APPLICATION No. DWG No.  
1 OF 2

- SURVEY NOTES:**
- UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE SURVEYOR'S WRIT OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY. CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON/PERSONS FOR WHOM THE SURVEY IS PREPARED, AND ON NO BASIS/BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY, AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE CURRENT CODE OF PRACTICE FOR LAND SURVEYORS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS.
  - THIS SURVEY IS SUBJECT TO ANY EASEMENT OF RECORD AND OTHER PERTINENT FACTS WHICH A TITLE SEARCH MIGHT DISCLOSE.
  - OFFSETS SHOWN HEREON ARE FOR DESIGN AND/OR TITLE PURPOSES ONLY AND SHOULD NOT BE USED BY HOMEOWNERS OR OTHERS TO ESTABLISH PROPERTY LINES OR OFFSETS THERE TO. IF OFFSETS SHOWN ARE USED BY AFORESAID INDIVIDUALS, THIS OFFICE WILL NOT BE RESPONSIBLE FOR THE LOCATION OF CONSTRUCTED FENCES, WALLS, STRUCTURES AND/OR OTHER IMPROVEMENTS RESULTING THEREFROM.
  - FENCE AND/OR WALL HEIGHTS SHOWN ARE APPROXIMATE AND BY NO MEANS INDICATE COMPLIANCE OF REQUIRED HEIGHTS FOR SWIMMING POOL ENCLOSURES.
  - HEIGHTS AND FENCE OFFSETS ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
  - SUBSURFACE STRUCTURES AND/OR UTILITIES, IF ANY, NOT SHOWN.
  - UTILITIES THAT ARE SHOWN WERE VISIBLE IN FIELD. PIPE AND SUBSURFACE STRUCTURE SIZES ARE APPROXIMATE DUE TO LIMITED VISIBILITY AND/OR ACCESSIBILITY. PIPE DIRECTIONS AND STRUCTURE CONNECTIONS WERE ASSUMED AND SHOULD BE VERIFIED WITH RECORD MAP INFORMATION.
  - ELEVATIONS SHOWN ARE IN REFERENCE TO NASSAU COUNTY DATUM (N.G.V.D. 1928).

| LEGEND |                          |
|--------|--------------------------|
|        | DRAINAGE INLETS          |
|        | SEWER CLEANOUT           |
|        | NUMBER OF PARKING SPACES |
|        | HANDICAP SPACE           |
|        | FLAG POLE                |
|        | RAIN MANHOLE             |
|        | TRAFFIC SIGNAL POLE      |
|        | TRAFFIC SIGNAL BOX       |
|        | UTILITY POLE             |
|        | OVERHEAD WIRES           |
|        | CITY WIRE                |
|        | LIGHT POLE               |
|        | HYDRANT                  |
|        | ELECTRIC MANHOLE         |
|        | MANHOLE                  |
|        | SIGN                     |
|        | SIDWALK                  |
|        | GAS VALVE                |
|        | TC TOP OF CURB           |
|        | BC BOTTOM OF CURB        |
|        | TW TOP OF WALL           |
|        | BW BOTTOM OF WALL        |
|        | FF FINISHED FLOOR        |
|        | +98.5 SPOT ELEVATION     |

**MAP NOTE:**  
STREET LINES OF HERRICKS ROAD AND JERICHO TURNPIKE COMPUTED USING NEW YORK STATE DEPARTMENT OF TRANSPORTATION ACQUISITION MAPS FOR: JERICHO TURNPIKE, N.Y. 25, S.H. 9020 MAP No. 530 DATED 12/14/2011 & MAP No. 531 DATED 12/05/2011.



MAP REVISIONS:  
11/14/2018 - NEW STREET LINES OF HERRICKS ROAD AND JERICHO TURNPIKE ADDED.  
12/07/2018 - PROPERTY INSPECTED. SURVEY UPDATED.

**JERRY P. LaRUE**  
PROFESSIONAL LAND SURVEYOR

www.LARUESURVEYING.com  
6314A NORTHERN BOULEVARD  
EAST NORWICH, NEW YORK 11732  
(877) 779-3722 phone/fax

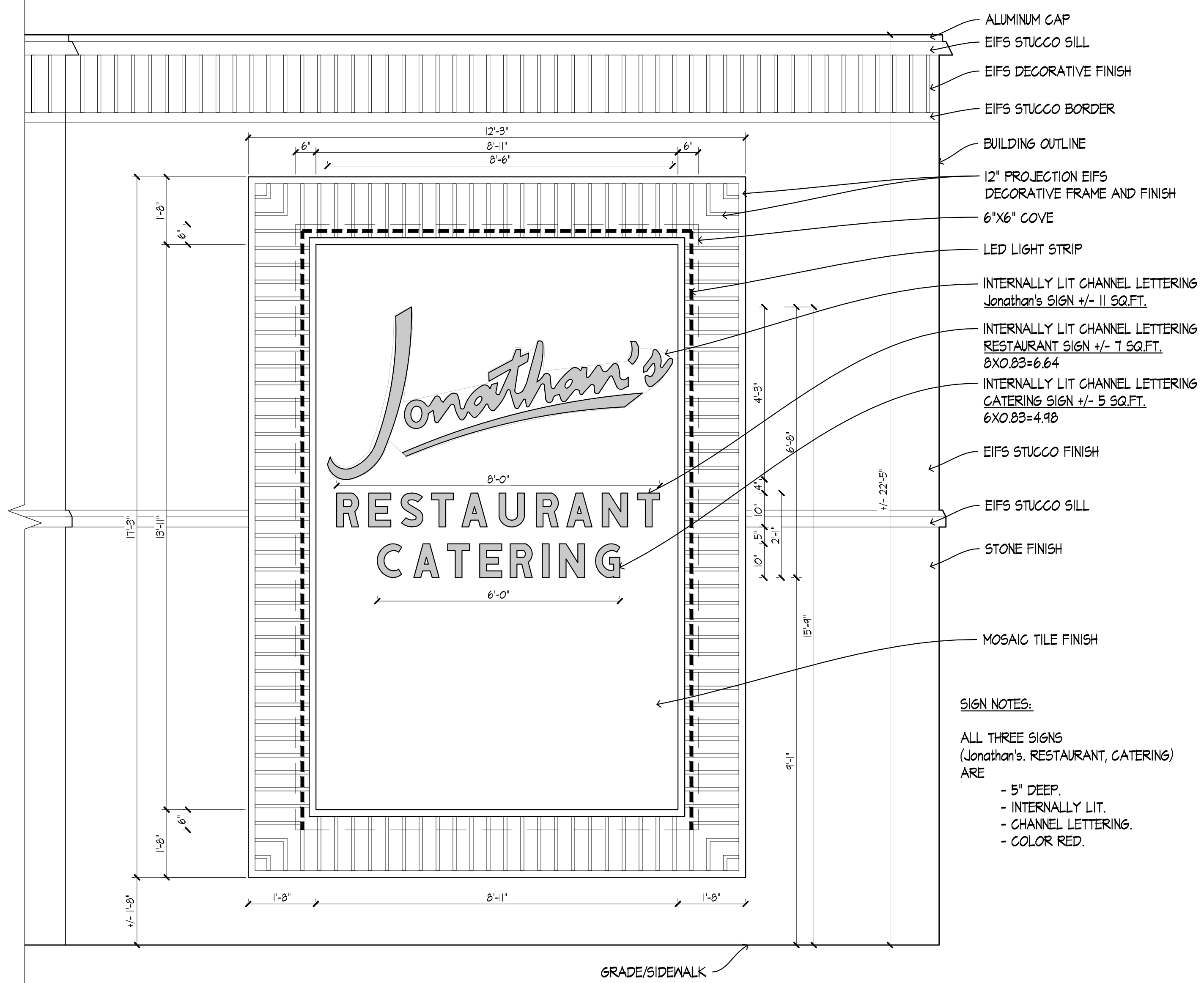
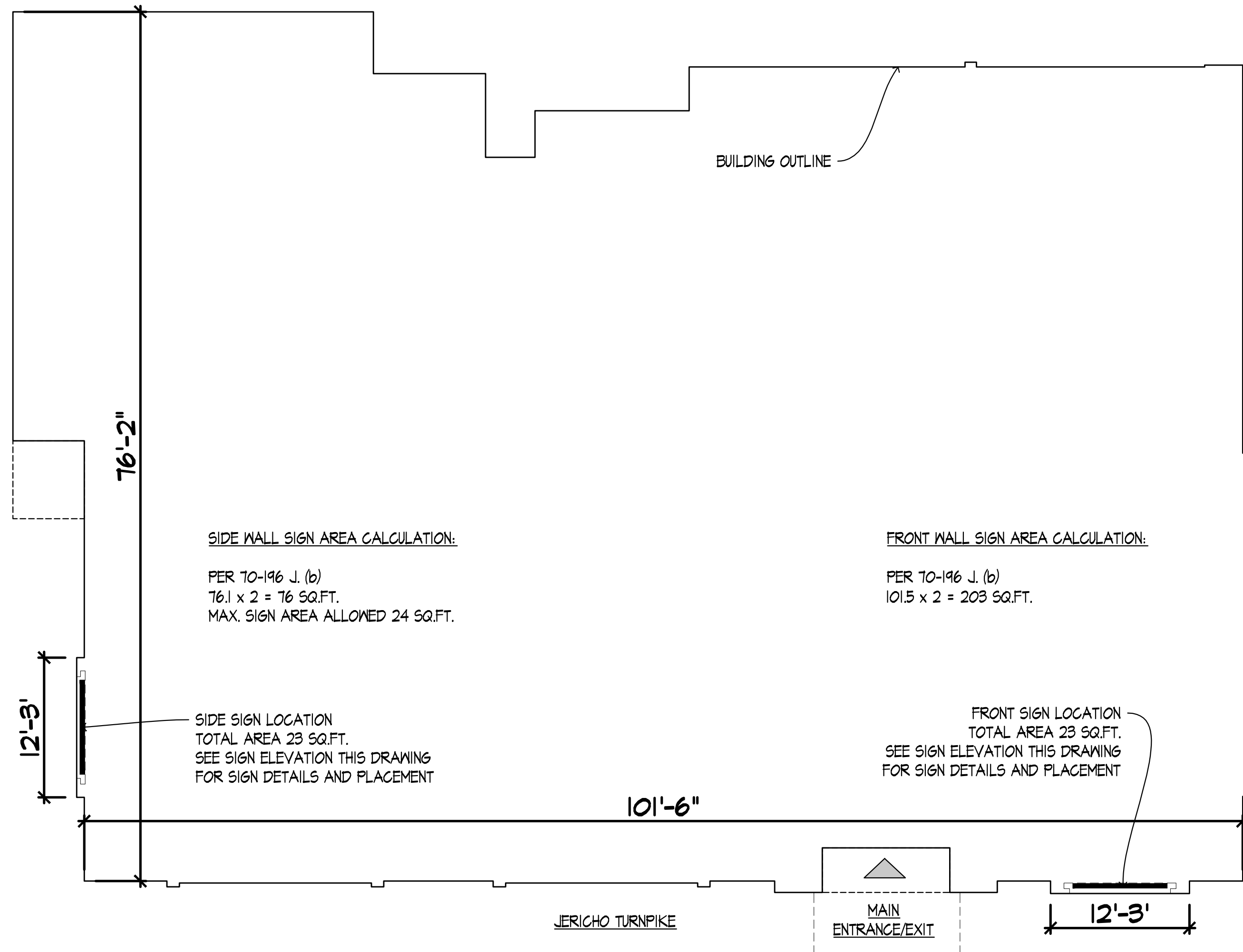
**SURVEY and TOPOGRAPHIC MAP**  
PREPARED FOR: AMERICAN BAR & GRILL, INC.  
LOCATION: GARDEN CITY PARK, TOWN OF NORTH HEMPSTEAD,  
COUNTY OF NASSAU, STATE OF NEW YORK  
MAP OF: DESCRIPTIVE PARCEL

JOB No. 2007-014  
SEC. 9 BLK. 612 LOT 50  
DATE: 01/25/2018 SCALE: 1" = 20'

JERRY P. LaRUE, LICENSE NO. 050518

DOB APPROVAL





1 BUILDING OUTLINE  
 Scale: 1/8" = 1' - 0"

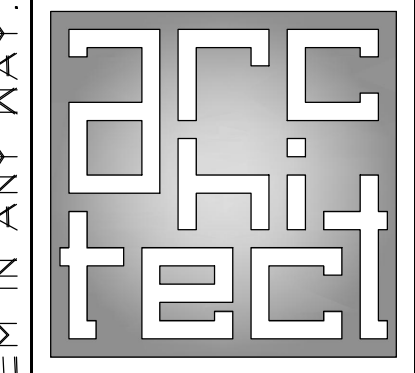
2 TYPICAL SIGN ELEVATION  
 Scale: 1/2" = 1' - 0"



SIDE SIGN



FRONT SIGN



ENIK MEHMETI

567 BROADWAY  
 MASSAPEQUA NY 11758  
 Tel: 516-809-5888  
 E-Mail: ingenik@gmail.com

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| NO. | DATE       | DESCRIPTION |
|-----|------------|-------------|
| 1.  | 01/18/2024 | TO DOB      |

SIGN FOR:  
**JONATHAN'S RESTAURANT**

3000 JERICHO TPKE  
 GARDEN CITY PARK, N.Y. 11752  
 54-B-02, L50, ZONE BUSINESS-A

BUILDING OUTLINE  
 TYPICAL SIGN  
 ELEVATION

NY'S LICENSE: 034705  
 EXPIRATION 04/30/2025



|             |           |
|-------------|-----------|
| COMM:       | 2024/01/2 |
| DESIGN BY:  | E.M.      |
| DRAWING BY: | E.M.      |
| CHK BY:     | E.M.      |
| STR BY:     | TBD       |
| CHK BY:     | TBD       |
| DWG No.:    | A-002.00  |

APPLICATION NO. | DWG No.:  
 - | 2 OF 2

DOB APPROVAL

IT IS A VIOLATION OF N.Y. STATE LAWS FOR ANY PERSON, UNLESS DIRECTED BY A REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER TO ALTER ANY ITEM IN ANY WAY.



# ZONING ANALYSIS

## BUILDING INFORMATION

490 WESTBURY AVE  
 CARLE PLACE, NY 11514  
 SECTION: 10 | BLOCK: 19 | LOT: 28-32  
 DISTRICT: B-B (BUSINESS B DISTRICT)

|                     | CELLAR<br>sf | FIRST<br>sf | SECOND<br>sf | ATTIC<br>sf | TOTAL<br>sf |
|---------------------|--------------|-------------|--------------|-------------|-------------|
| EXISTING            | 675.69       | 1,949.81    | 656.72       | 213.53      | 3,495.75    |
| PROPOSED            | 2,513.55     | 1,239.43    | 107.57       | 83.88       | 3,944.43    |
| TOTAL GROSS AREA    | 3,189.24     | 3,189.24    | 764.29       | 297.41      | 7,440.18    |
| TOTAL (F.A.) ZONING | 3,189.24     | 3,189.24    | 764.29       | 297.41      | 4,250.94    |

• §70-138 PERMITTED USES  
 a. All permitted uses set forth in Article XVI applicable to BUSINESS A DISTRICTS.  
 (AS PER ARTICLE XVI, §70-126 CONDITIONAL USES)

A building may be erected, altered or used and a lot or premises may be used for any of the proposed set forth in this Article when authorized by the board of zoning and appeals pursuant to the provisions of Article XXIV and for no other:

A. hotel, as defined in §70-232 of Article XXV of this chapter; theater other than an open-air, drive in or automobile theater; **RESTAURANT**; and bar and grill.

• §70-141.1 PARKING REQUIREMENTS

A. Parking shall be provided in accordance with the requirements set forth in §70-103 Off-street parking requirements | USE: Restaurant/ bar and grill  
 One Parking Space for each: 80 square feet of floor area, inclusive of outdoor seating areas, and 1 space per 3 linear feet of a bar or counter where food and/ or drink are served as measured on the patron's side of the bar/ counter. Spaces reserved for takeout/ to-go orders are not counted towards satisfying parking requirements.

**PARKING CALCULATION:**

|                                |                                                              |
|--------------------------------|--------------------------------------------------------------|
| <b>FIRST FLOOR</b>             | <b>As per chapter 70-103 (A) Requirements:</b>               |
| Total floor area = 3,189.24 sf | <b>Commercial "1 Space per 80 square feet or floor area"</b> |
| Restaurant                     | <b>3,953.53 sf / 80 = 49.42 = 50 Parking spaces required</b> |
|                                | <b>17 Parking spaces provided</b>                            |
|                                | <b>(4 Commercial H.C. Parking Spaces)</b>                    |
|                                | <b>(13 Regular Commercial Parking Spaces)</b>                |
| Second floor area = 764.29 sf  | <b>BZA is required due parking deficiency on the site.</b>   |
| Accessory use to restaurant    |                                                              |

• Proposed (1) Loading Zone (10' x 25')

• §70-142 HEIGHT

A. No building shall exceed three stories, with a maximum height of 40 feet.  
 PROPOSED BUILDING HEIGHT:.....31'-6"

• §70-143 PLOT AREA; FRONTAGE; DENSITY OF POPULATION  
 Min. Lot Area: 2,000 sq ..... Existing Lot Area: 12,500.00 sq ft

• §70-144 LOT COVERAGE  
 Max. Lot Coverage: 85%  
 12,500 x .85 = 10,625 sf ..... Proposed: 3,982.41 sf (31.86%)

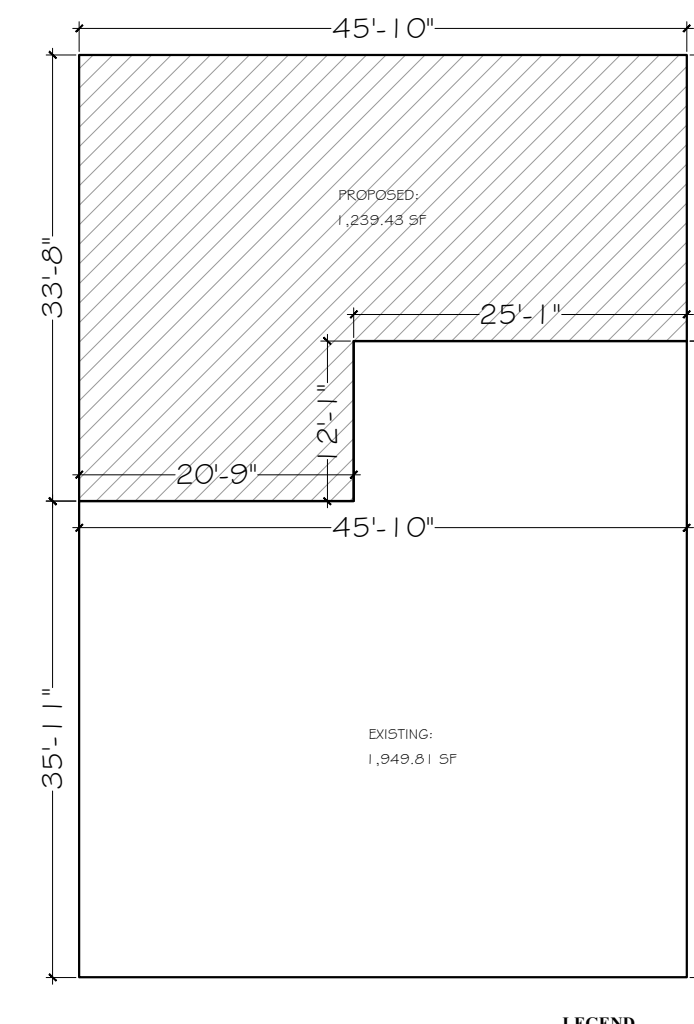
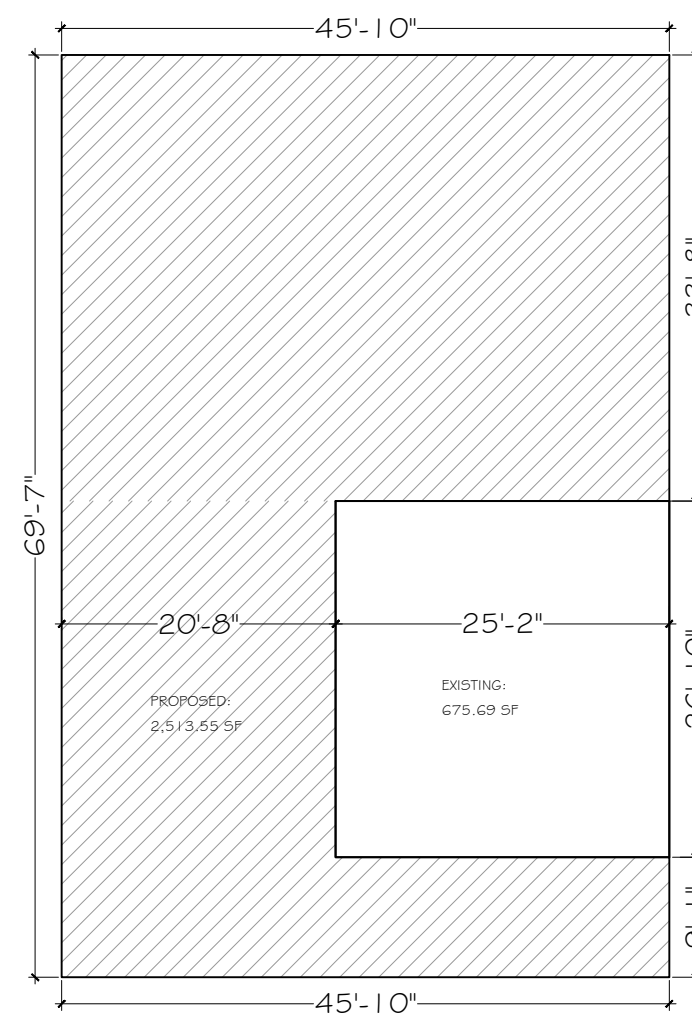
• §70-144.1 FLOOR AREA  
 LOT AREA x 1.0: 12,500= 12,500 sf ..... Proposed: 4,841.35 sf

• §70-145 FRONT YARD  
 No front yard is required

• §70-146 SIDE AND REAR YARD  
 A. Other than an access driveway, no side yard shall be required for buildings used for commercial purposes except where the side line boundaries of a plot adjoin a residence district, in which case a minimum side yard setback of 15 feet shall be maintained. In the case of senior citizen facilities or nursing homes, minimum side yard setbacks of 15 feet shall be maintained on each side in all cases.  
 No side Yard Proposed

## LIST OF DRAWINGS

|           |                               |
|-----------|-------------------------------|
| Z-001.00  | ZONING ANALYSIS               |
| T-001.00  | GENERAL NOTES                 |
| DM-001.00 | EXISTING/ DEMO PLANS          |
| A-001.00  | CELLAR FLOOR PLAN             |
| A-002.00  | FIRST FLOOR PLAN              |
| A-003.00  | SECOND FLOOR PLAN             |
| A-004.00  | ATTIC FLOOR PLAN              |
| A-005.00  | ROOF PLAN                     |
| A-100.00  | NORTH & WEST ELEVATIONS       |
| A-101.00  | SOUTH & EAST ELEVATIONS       |
| A-200.00  | SECTIONS A-A' & B-B'          |
| A-300.00  | HANDICAP DETAILS              |
| A-400.00  | CONSTRUCTION DETAILS          |
| A-500.00  | WINDOW SCHEDULE               |
| A-600.00  | WALL SCHEDULE                 |
| A-700.00  | CELLAR FLOOR PLUMBING PLAN    |
| A-701.00  | FIRST FLOOR PLUMBING PLAN     |
| A-702.00  | SECOND FLOOR PLUMBING PLAN    |
| A-703.00  | CELLAR FLOOR GAS PLAN         |
| A-704.00  | FIRST FLOOR GAS PLAN          |
| A-705.00  | SECOND FLOOR GAS PLAN         |
| A-706.00  | PLUMBING & GAS RISER DIAGRAMS |
| A-800.00  | CELLAR FLOOR R.C.P.           |
| A-801.00  | FIRST FLOOR R.C.P.            |

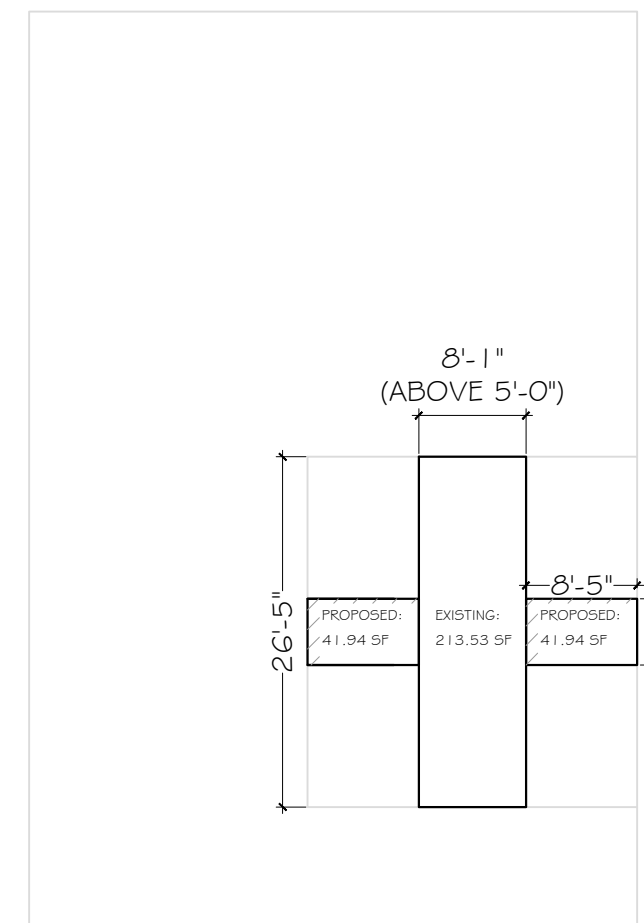
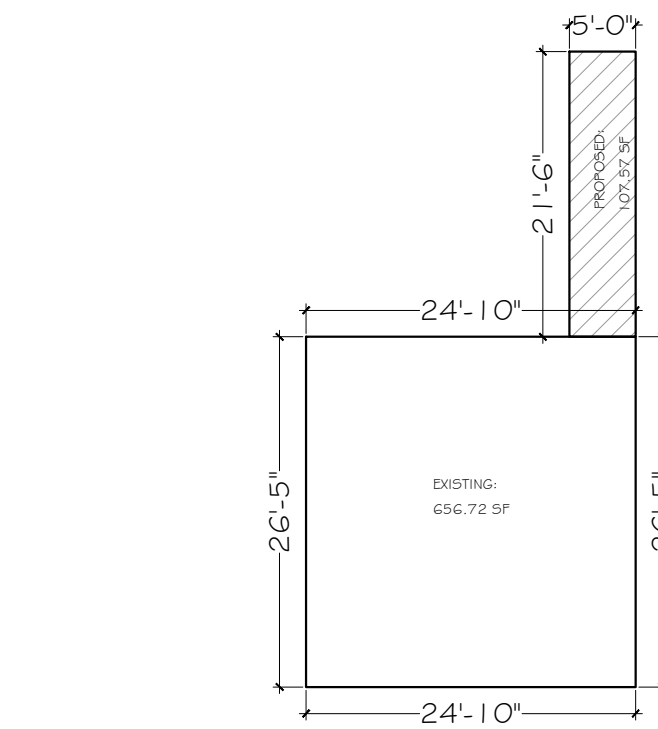


**CELLAR FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

|                           |                   |
|---------------------------|-------------------|
| CELLAR FLOOR - GROSS AREA |                   |
| EXISTING                  | = 675.69 SQ.FT.   |
| PROPOSED                  | = 2,513.55 SQ.FT. |
| TOTAL (NET F.A.)          | = 3,189.24 SQ.FT. |

**FIRST FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

|                                                  |                   |
|--------------------------------------------------|-------------------|
| FIRST FLOOR - GROSS AREA                         |                   |
| EXISTING (45'-10" x 35'-11") = (25'-1" x 12'-1") | = 1,849.61 SQ.FT. |
| PROPOSED (45'-10" x 21'-7") + (20'-9" x 12'-1")  | = 1,239.43 SQ.FT. |
| TOTAL                                            | = 3,089.04 SQ.FT. |

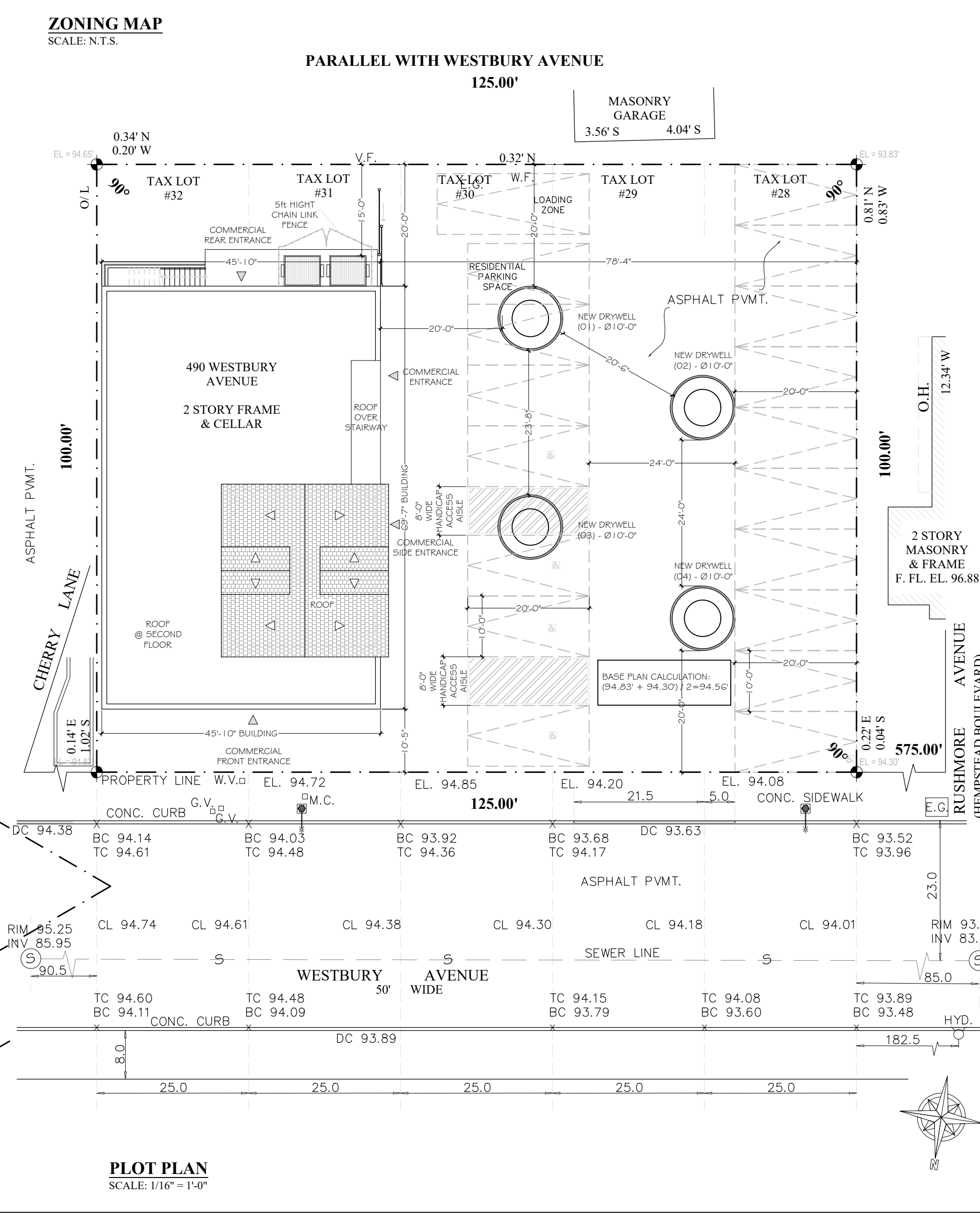
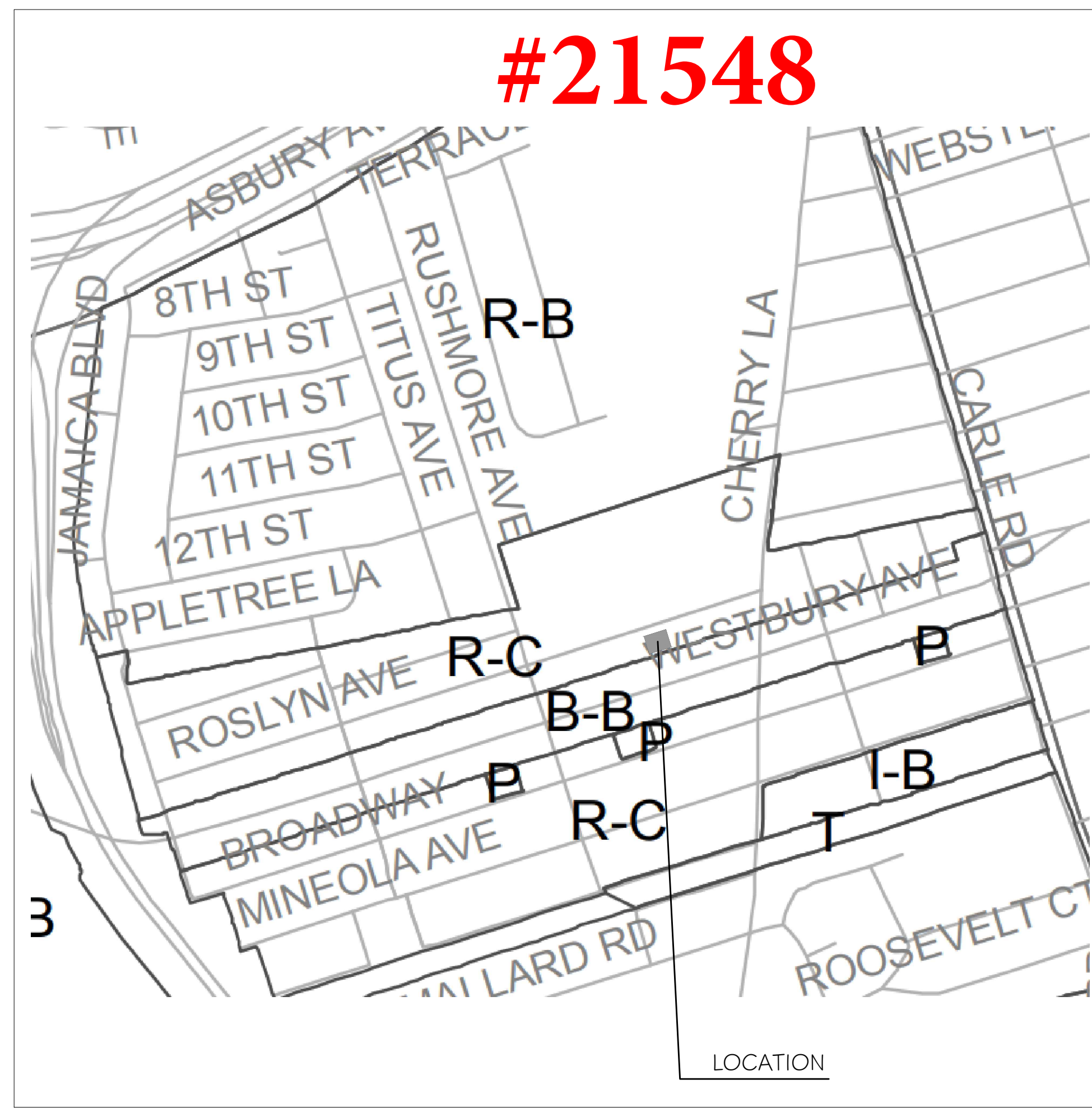
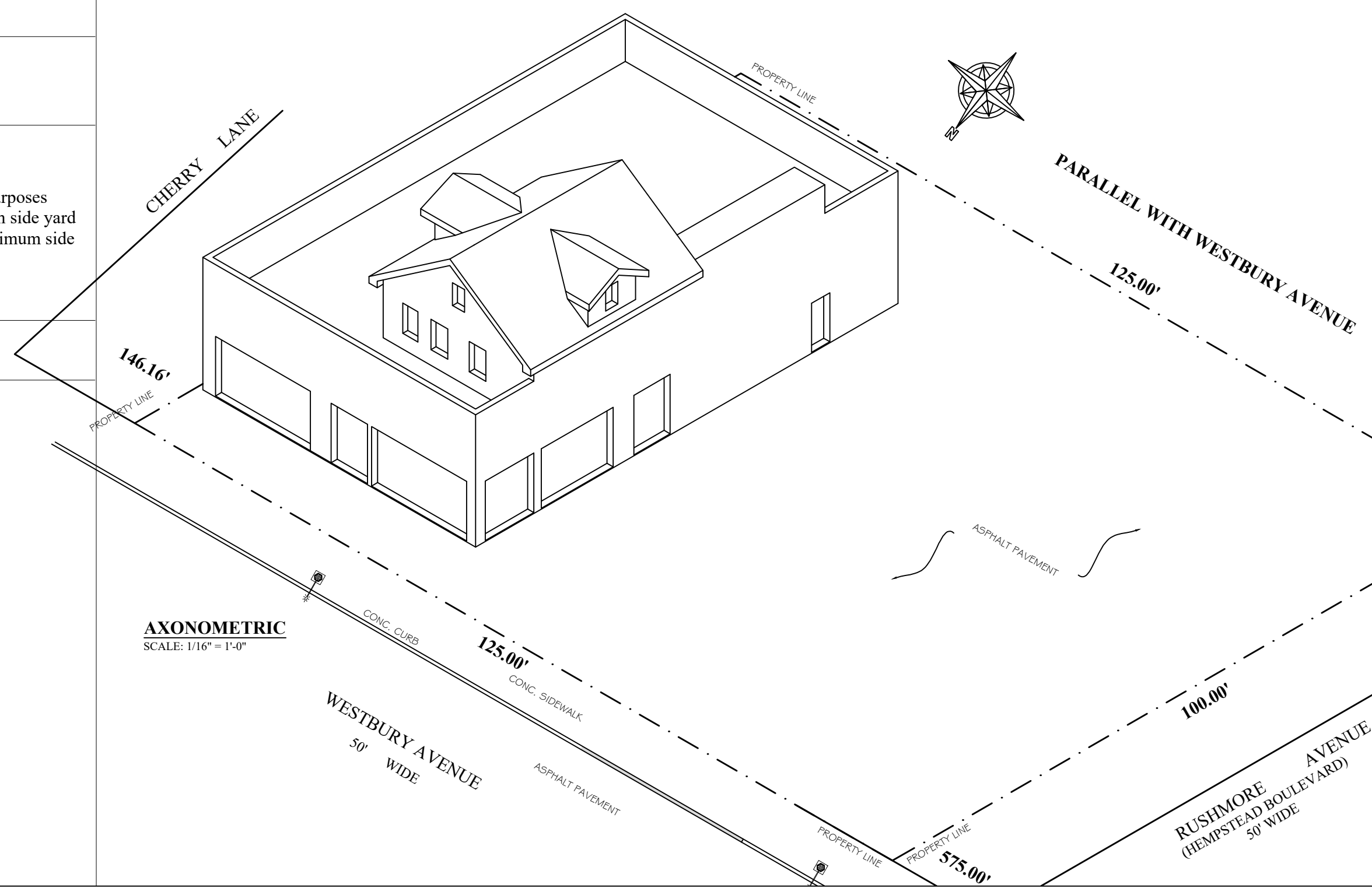


**SECOND FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

|                             |                   |
|-----------------------------|-------------------|
| SECOND FLOOR - GROSS AREA   |                   |
| EXISTING (24'-10" x 26'-5") | = 656.72 SQ.FT.   |
| PROPOSED (24'-10" x 21'-6") | = 527.41 SQ.FT.   |
| TOTAL (NET F.A.)            | = 1,184.13 SQ.FT. |

**ATTIC PLAN**  
 SCALE: 1/8" = 1'-0"

|                           |                 |
|---------------------------|-----------------|
| ATTIC - GROSS AREA        |                 |
| EXISTING (8'-1" x 26'-5") | = 213.53 SQ.FT. |
| PROPOSED (24'-9" x 9'-0") | = 223.60 SQ.FT. |
| TOTAL                     | = 437.13 SQ.FT. |



## RIKE TECH ASSOCIATES LLC.

37 FOXCROFT ROAD, ALBERTSON NY 11507  
 EMAIL: RIKEASSOCIATES@YAHOO.COM TEL: (516) 932-0625



### Scope of Work:

Enlargement at rear and lower the first floor level to walk in level. And excavate cellar to clear 7' high ceiling

### Address: UNO MEXICAN GRILL

490 WESTBURY AVE  
 CARLE PLACE, NY 11514  
 SECTION:10 BLOCK 19 LOT 28

### Sheet Title:

Zoning Analysis  
 Zoning Diagram  
 Zoning Map  
 Plot Plan

### Application Filed Separately

FENCE JOB# 00000

MECHANICAL JOB# 00000

### DOB Approval Seal:

### Seal & Signature



Date: 03/25/2024 Drawing: L.M. Rev. By: M.B.

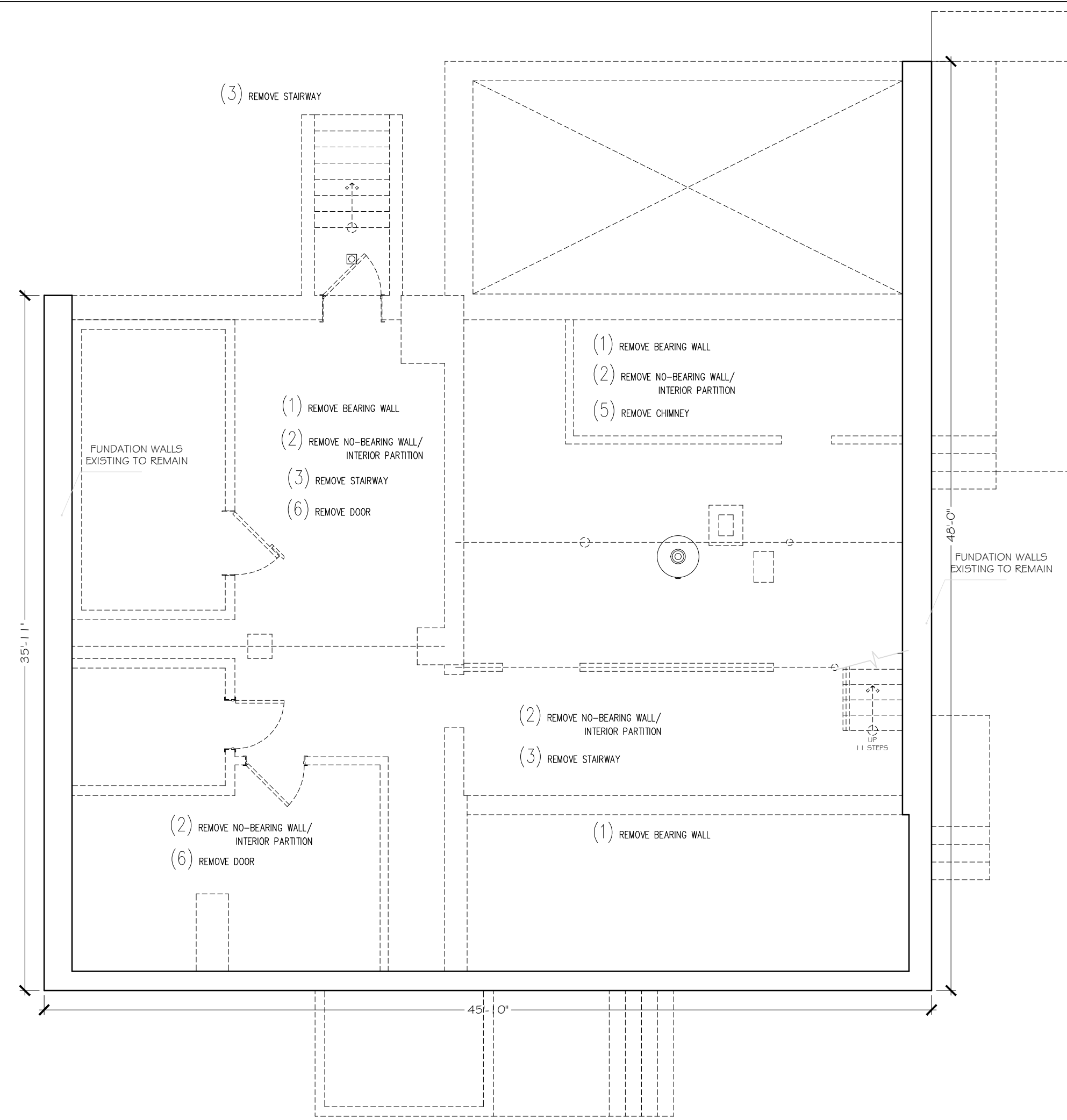
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Folder File #: 22-23 Drawing #: Z-001.00

Page #: 02 of 29

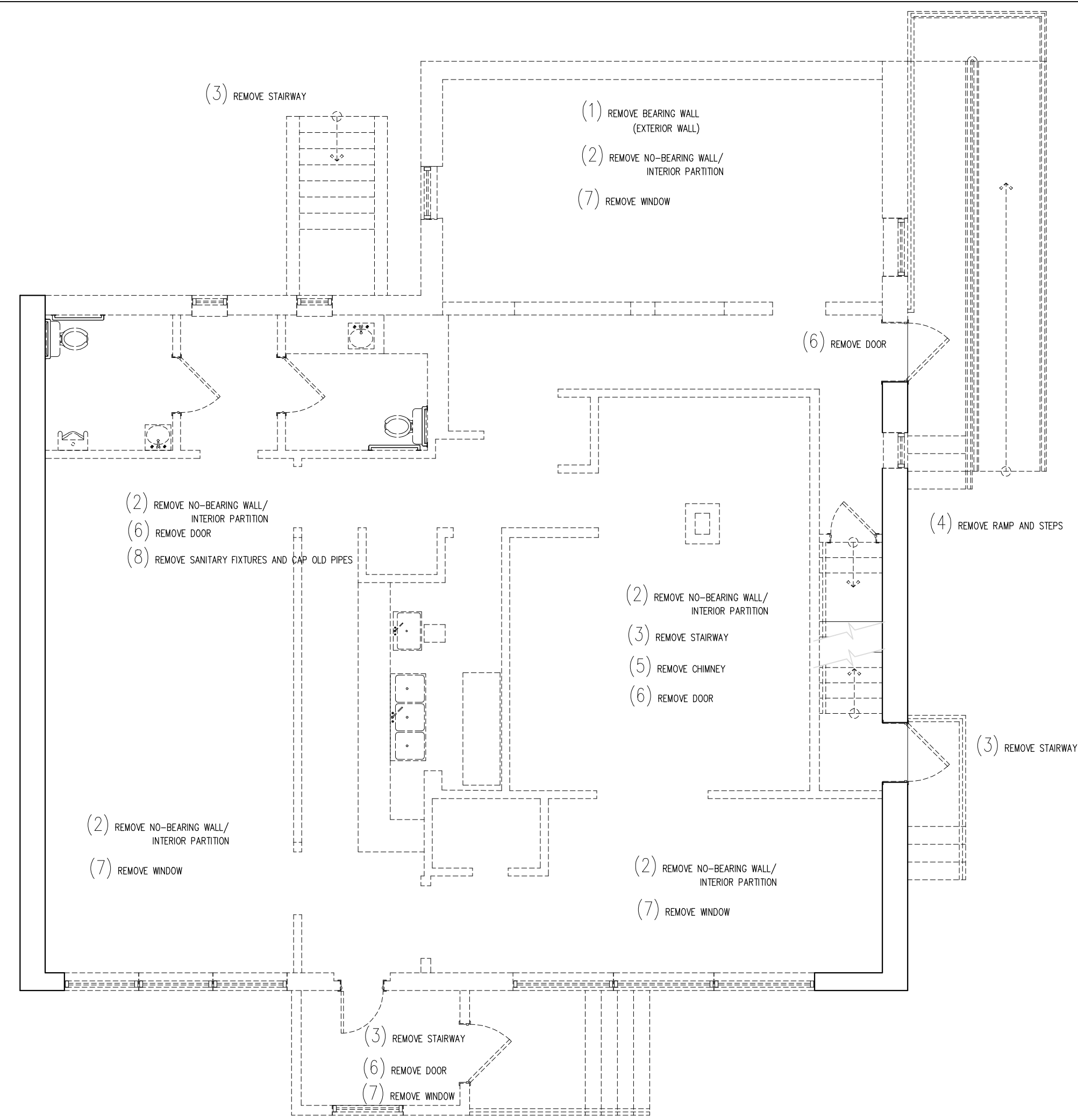
### DOB Application:





**CELLAR FLOOR PLAN**

SCALE: 3/16" = 1'-0"



**FIRST FLOOR PLAN**

SCALE: 3/16" = 1'-0"

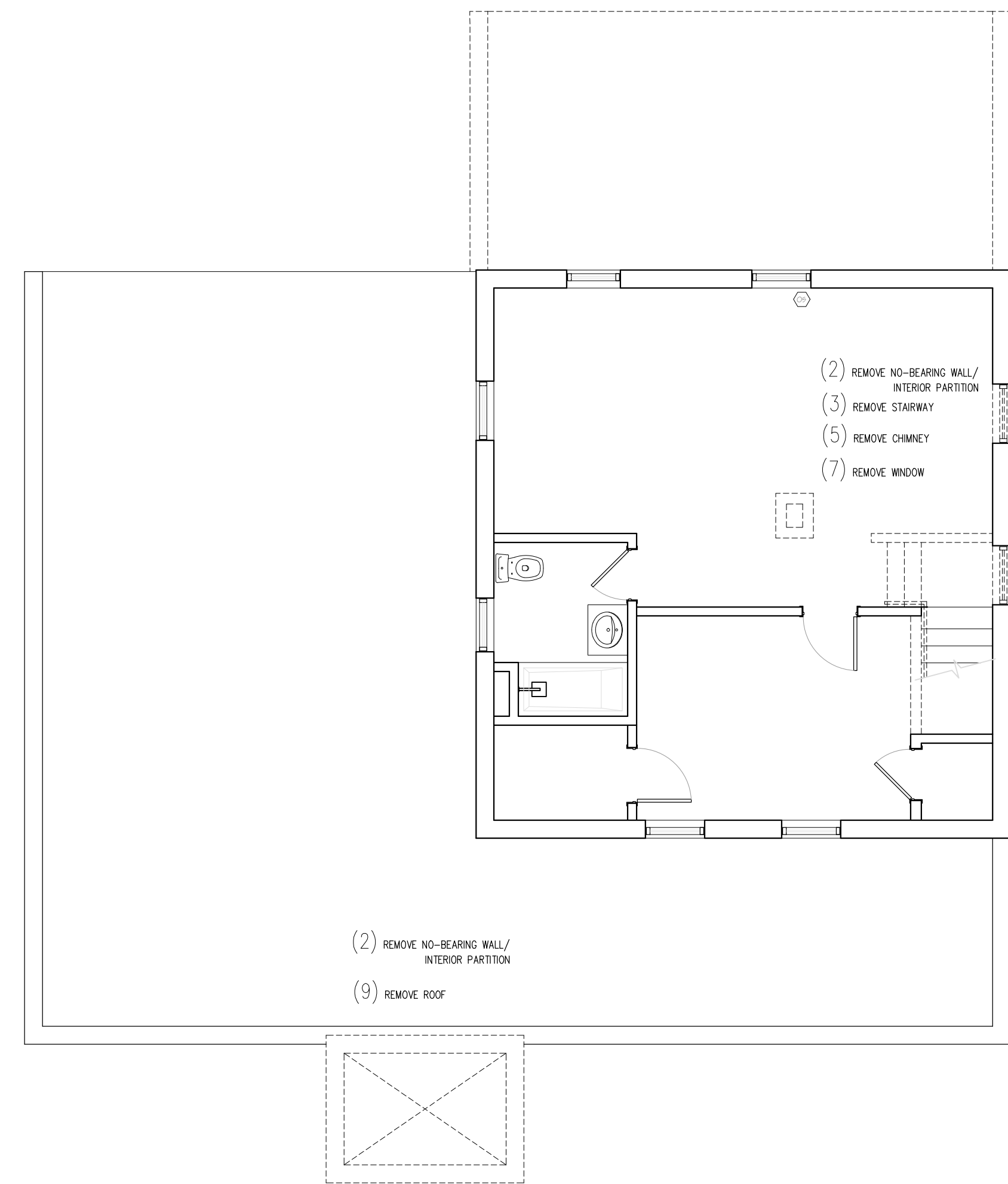
**LEGEND**

WALLS TO REMAIN

WALLS TO BE REMOVED

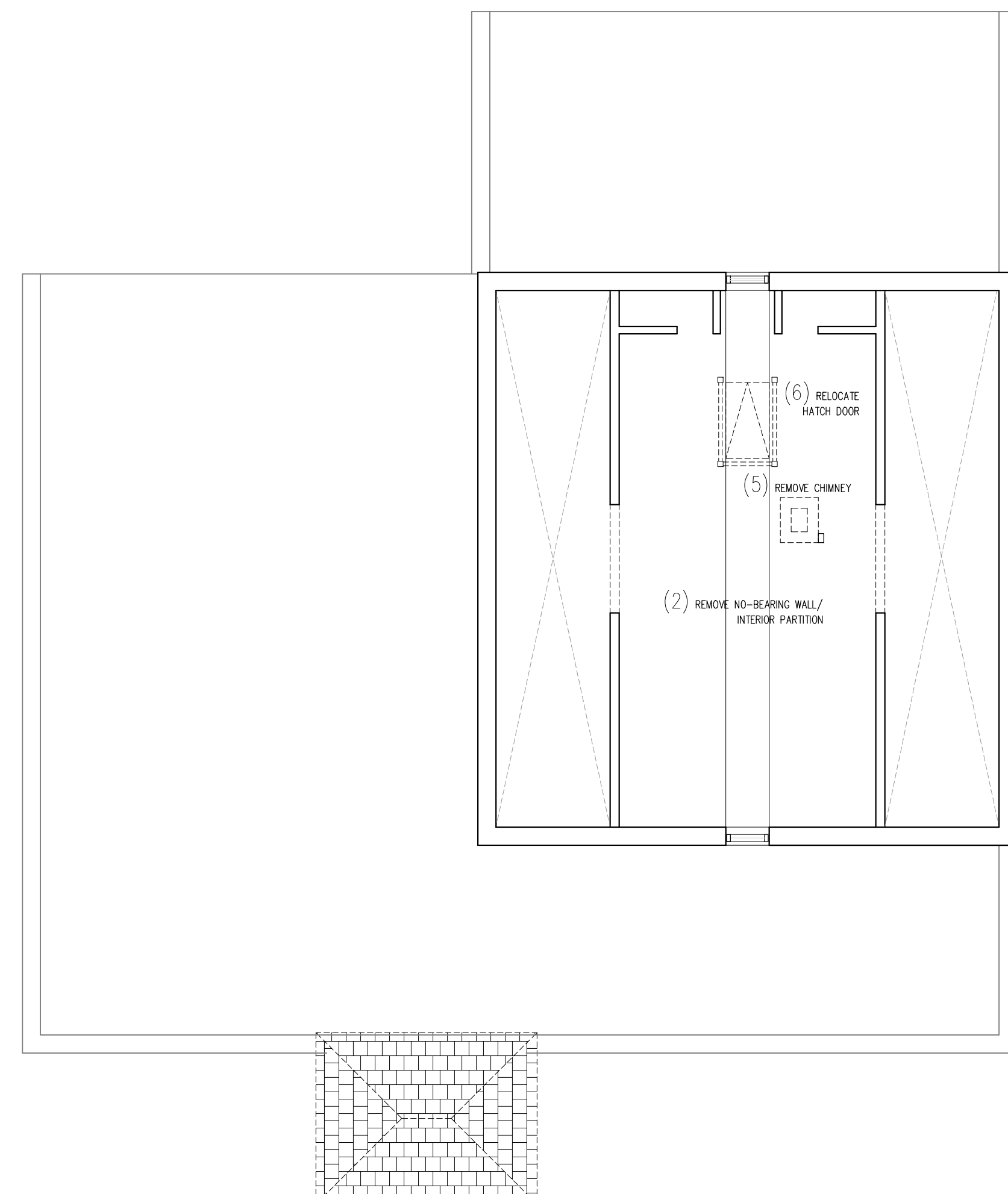
**FOLLOWING WORK SHOULD BE DONE:**

1. REMOVE BEARING WALL
2. REMOVE NO-BEARING WALL/ INTERIOR PARTITIONS
3. REMOVE STAIRWAY
4. REMOVE RAMP AND STEPS
5. REMOVE CHIMNEY
6. REMOVE DOOR/ REMOVE HATCH DOOR
7. REMOVE WINDOW
8. REMOVE SANITARY FIXTURES AND CAP OLD PIPES
9. REMOVE ROOF



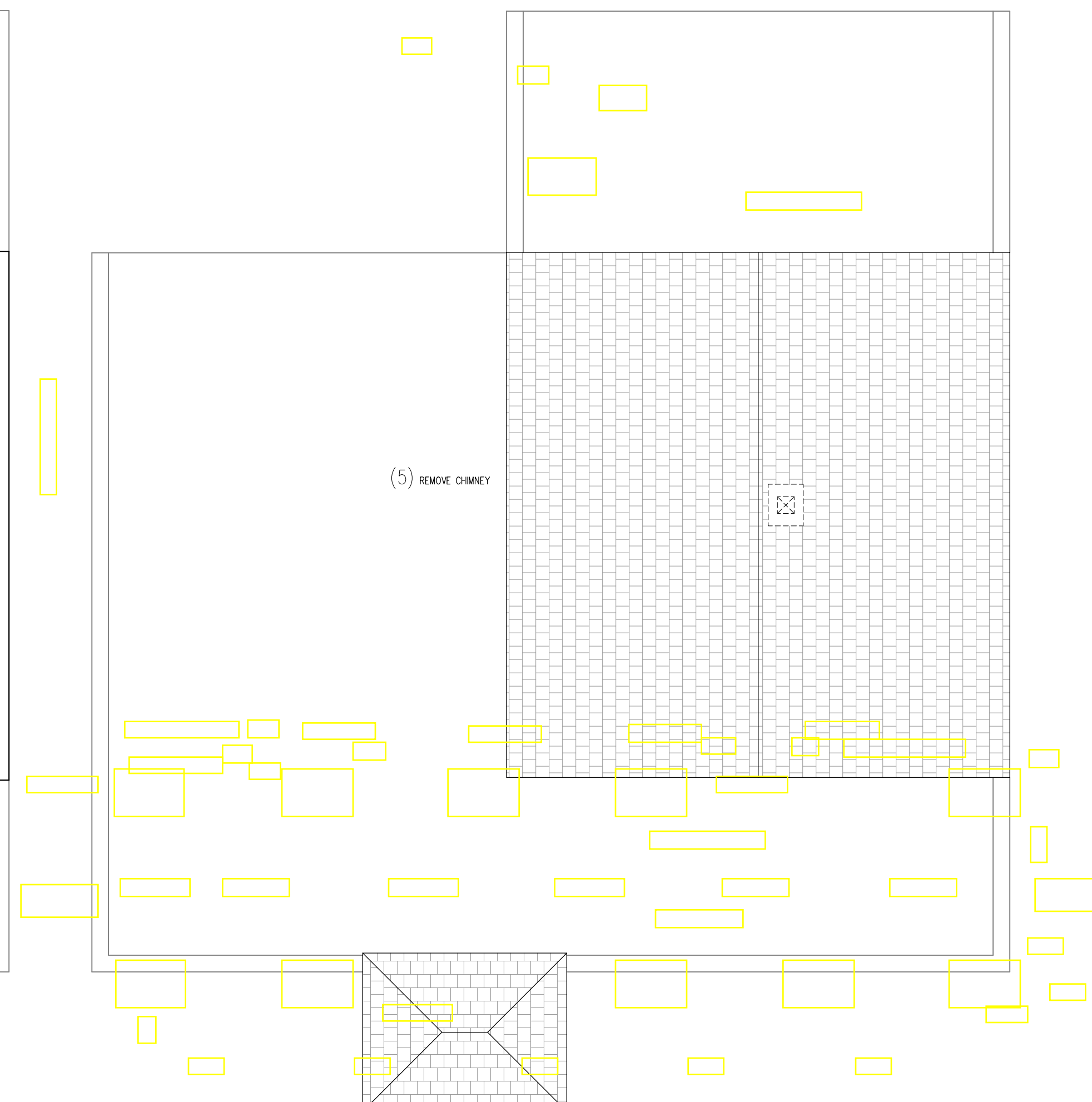
**SECOND FLOOR PLAN**

SCALE: 3/16" = 1'-0"



**ATTIC FLOOR PLAN**

SCALE: 3/16" = 1'-0"



**ROOF PLAN**

SCALE: 3/16" = 1'-0"

**RIKE TECH ASSOCIATES LLC.**

37 FOXCROFT ROAD, ALBERTSON NY 11507  
 EMAIL: RIKEASSOCIATES@YAHOO.COM TEL: (516) 932-0625



37 Foxcroft Road | Albertson | NY | 11507  
 email: britzconsulting@gmail.com | tel: (646) 221-6146

**Scope of Work:**

Enlargement at rear and lower the first floor level to walk in level. And excavate cellar to clear 7' high ceiling

**Address: UNO MEXICAN GRILL**

490 WESTBURY AVE  
 CARLE PLACE, NY 11514  
 SECTION:10 BLOCK 19 LOT 28

**Sheet Title:**

Existing | Demo Plans

Application Filed Separately

**DOB Approval Seal:**

**Seal & Signature**



Date: 03/25/2024 Drawing: L.M. Rev. By: M.B.

File Name: 490 WESTBURY AVE 22-23\_01-05-2024

Folder File # 22-23

Page # 03 of 29

Drawing # DM-001.00

**DOB Application:**



**RIKE TECH ASSOCIATES LLC.**

37 FOXCROFT ROAD, ALBERTSON NY 11507  
 EMAIL: RIKEASSOCIATES@YAHOO.COM TEL: (516) 932-0625



37 Foxcroft Road | Albertson | NY | 11507  
 email: britzconsulting@gmail.com | tel: (646) 221-6146

**Scope of Work:**  
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**Address:** UNO MEXICAN GRILL  
 490 WESTBURY AVE  
 CARLE PLACE, NY 11514  
 SECTION:10 BLOCK 19 LOT 28

**Sheet Title:**  
 Cellar Floor Plan

**Application Filed Separately**

**DOB Approval Seal:**

**Seal & Signature**



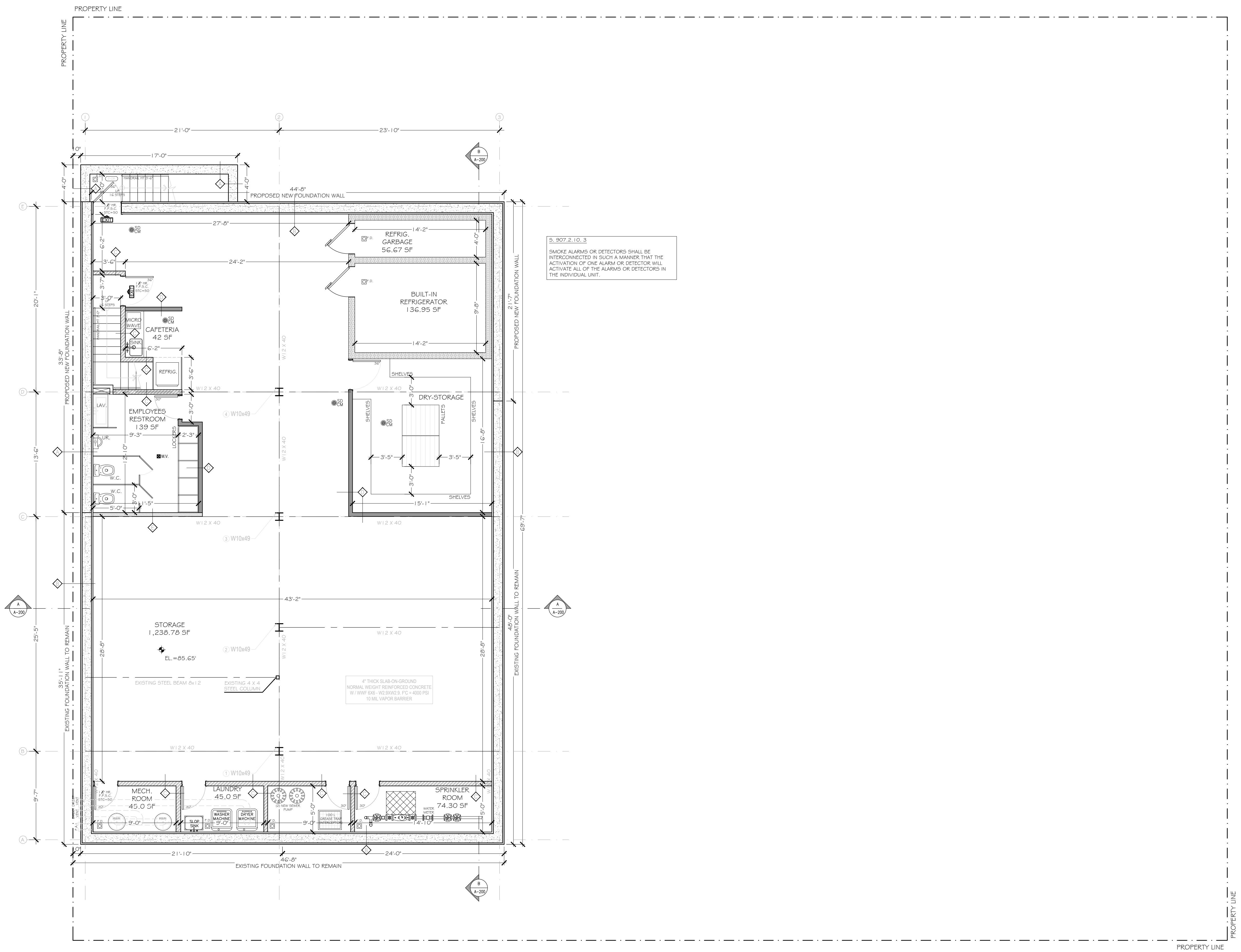
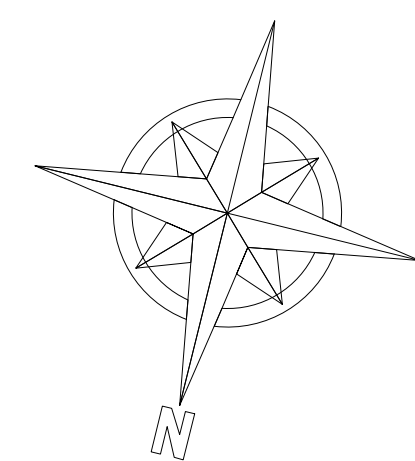
**Date:** 03/25/2024 **Drawing:** L.M. **Rev. By:** M.B.

**File Name:** 490 WESTBURY AVE 22-23\_01-05-2024

**Folder File #** 22-23 **Drawing #** A-001.00

**Page #** 04 of 29

**DOB Application:**



9.907.2.10.3  
 SMOKE ALARMS OR DETECTORS SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM OR DETECTOR WILL ACTIVATE ALL OF THE ALARMS OR DETECTORS IN THE INDIVIDUAL UNIT.

4" THICK SLAB-ON-GROUND  
 NORMAL WEIGHT REINFORCED CONCRETE  
 W/ WWF #4S - W2 @ 20" O.C. - FC = 4000 PSI  
 10 MIL VAPOR BARRIER

**CELLAR FLOOR PLAN**  
 SCALE: 3/16" = 1'-0"

**LEGEND**

| WALL | SYMBOL | TYPE                                                                          | WALL | SYMBOL | TYPE                                                                          | WALL | SYMBOL | TYPE                                                                          |
|------|--------|-------------------------------------------------------------------------------|------|--------|-------------------------------------------------------------------------------|------|--------|-------------------------------------------------------------------------------|
|      |        | PROPOSED FOUNDATION WALL<br>2-HR RATED WALL<br>(see detail sheet A-600.00)    |      |        | EXISTING INTERIOR WALL<br>1-HR RATED PARTITION                                |      |        | PROPOSED INTERIOR WALL<br>1-HR RATED PARTITION<br>(see detail sheet A-600.00) |
|      |        | PROPOSED FOUNDATION WALL<br>1-HR RATED WALL<br>(see detail sheet A-600.00)    |      |        | PROPOSED INTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |      |        | PROPOSED INTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |
|      |        | PROPOSED INTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |      |        | PROPOSED EXTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |      |        | PROPOSED EXTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |





**Scope of Work:**  
 Enlargement at rear and lower the first floor level to walk in level. And excavate cellar to clear 7' high ceiling


**Address: UNO MEXICAN GRILL**  
 490 WESTBURY AVE  
 CARLE PLACE, NY 11514  
 SECTION:10 BLOCK 19 LOT 28

**Sheet Title:**  
 First Floor Plan

**Application Filed Separately**

**DOB Approval Seal:**

**Seal & Signature**



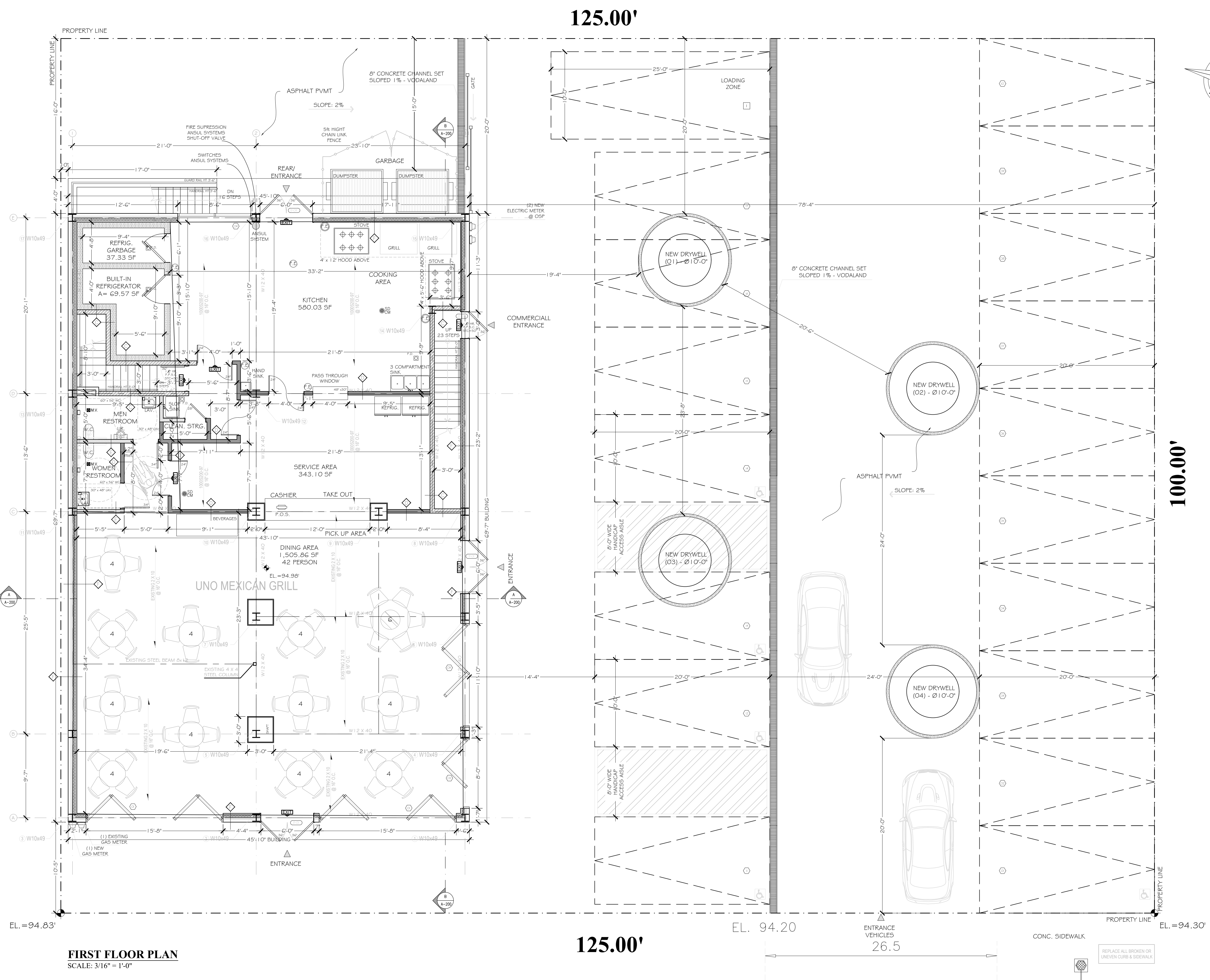
**Date:** 03/25/2024 **Drawing:** L.M. **Rev. By:** M.B.

**File Name:** 490 WESTBURY AVE 22-23\_01-05-2024

**Folder File #** 22-23 **Drawing #** A-002.00

**Page #** 05 of 29

**DOB Application:**



**FIRST FLOOR PLAN**  
 SCALE: 3/16" = 1'-0"

- XL REGULAR FOAM FIRE EXTINGUISHER
- XL CHEM. FOAM FIRE EXTINGUISHER

WESTBURY AVENUE

DC 93.63

REPLACE ALL BROKEN OR UNEVEN CURB & SIDEWALK



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**Scope of Work:**  
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 490 WESTBURY AVE  
 CARLE PLACE, NY 11514  
 SECTION:10 BLOCK 19 LOT 28

**Sheet Title:**  
 Second Floor Plan

**Application Filed Separately**

**DOB Approval Seal:**

**Seal & Signature**



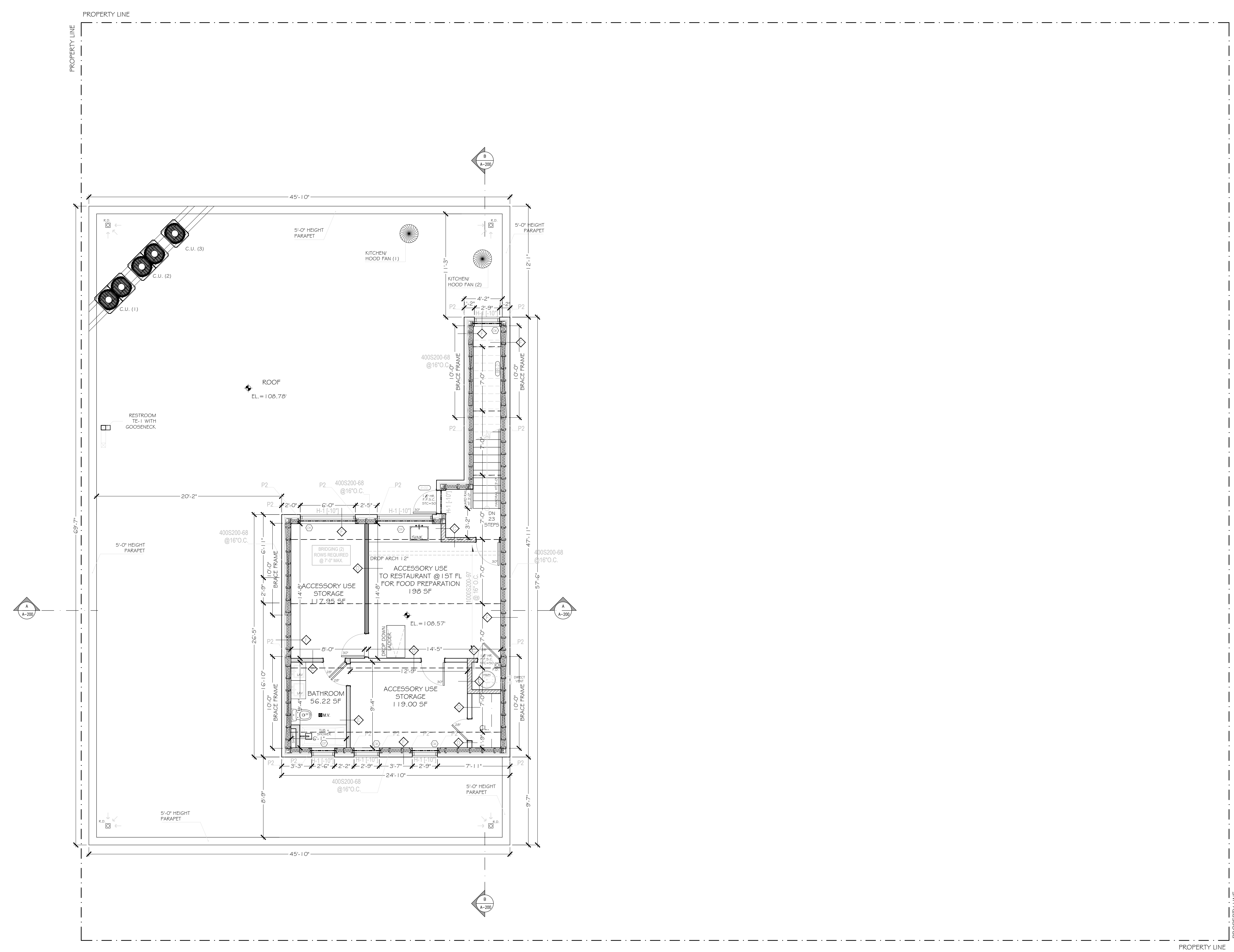
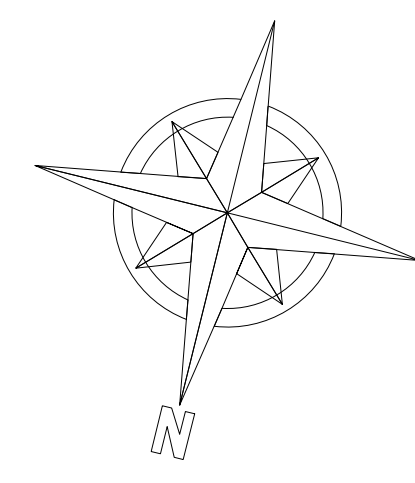
**Date:** 03/25/2024 **Drawing:** L.M. **Rev. By:** M.B.

**File Name:** 490 WESTBURY AVE 22-23\_01-05-2024

**Folder File #** 22-23 **Drawing #** A-003.00

**Page #** 06 of 29

**DOB Application:**



**SECOND FLOOR PLAN**  
 SCALE: 3/16" = 1'-0"

**LEGEND**

| WALL | SYMBOL | TYPE                                                                          | WALL | SYMBOL | TYPE                                                                          | WALL | SYMBOL | TYPE                                                                          |
|------|--------|-------------------------------------------------------------------------------|------|--------|-------------------------------------------------------------------------------|------|--------|-------------------------------------------------------------------------------|
|      |        | PROPOSED FOUNDATION WALL<br>2-HR RATED WALL<br>(see detail sheet A-600.00)    |      |        | EXISTING INTERIOR WALL<br>1-HR RATED PARTITION                                |      |        | PROPOSED INTERIOR WALL<br>1-HR RATED PARTITION<br>(see detail sheet A-600.00) |
|      |        | PROPOSED FOUNDATION WALL<br>1-HR RATED WALL<br>(see detail sheet A-600.00)    |      |        | PROPOSED INTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |      |        | PROPOSED INTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |
|      |        | PROPOSED INTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |      |        | PROPOSED INTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |      |        | PROPOSED EXTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |



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**Address:** UNO MEXICAN GRILL  
 490 WESTBURY AVE  
 CARLE PLACE, NY 11514  
 SECTION:10 BLOCK 19 LOT 28

**Sheet Title:**  
 Attic Floor Plan

Application Filed Separately

DOB Approval Seal:

Seal & Signature



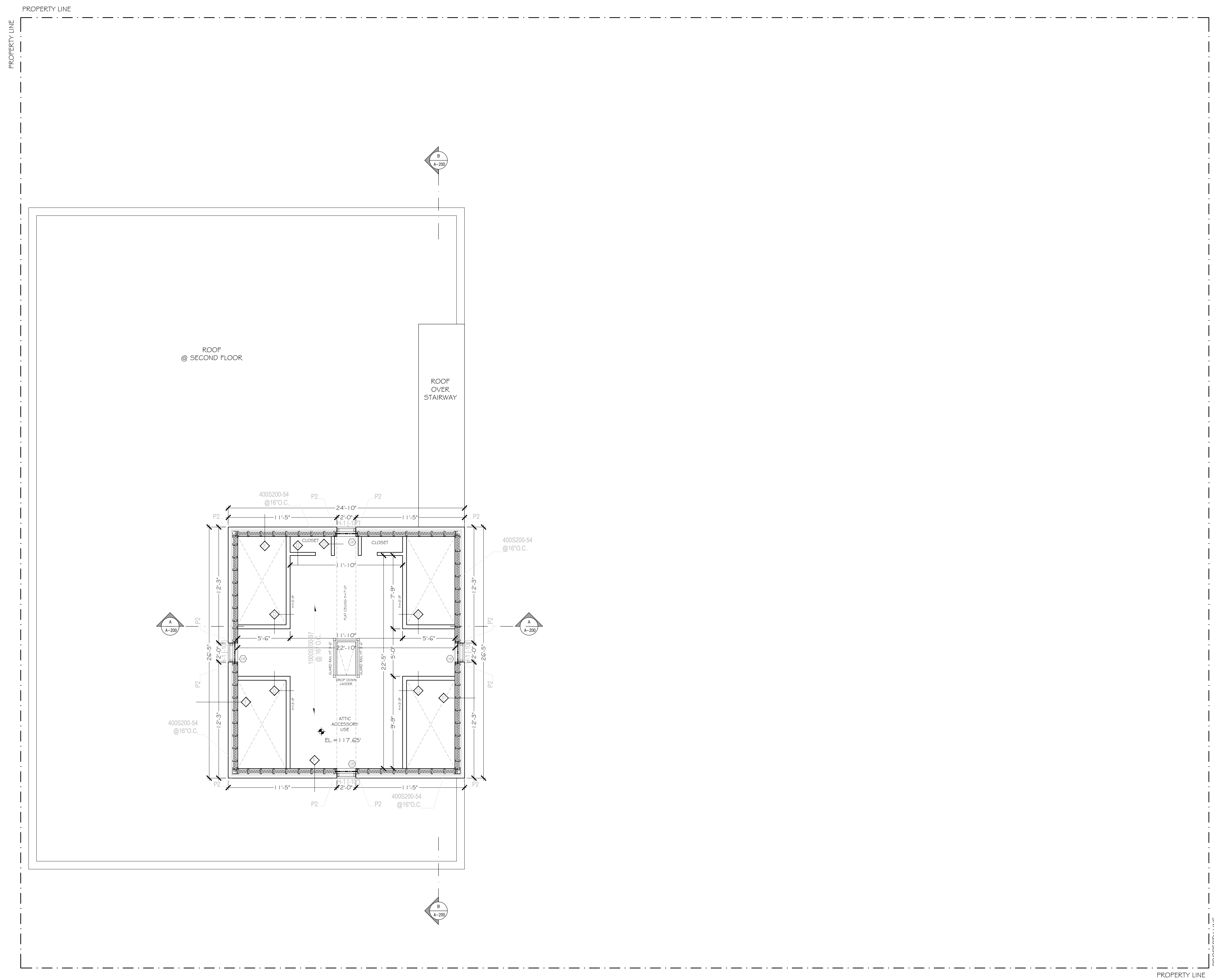
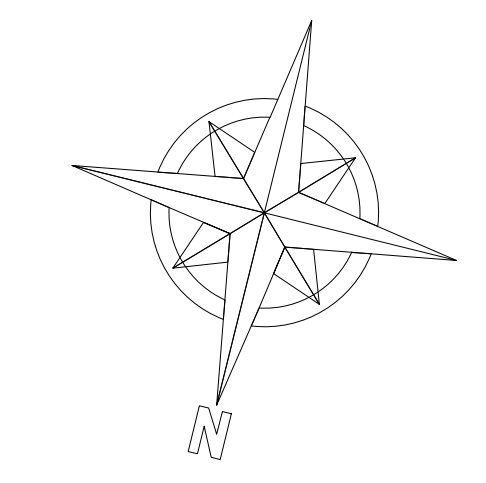
Date: 03/25/2024 Drawing: L.M. Rev. By: M.B.

File Name: 490 WESTBURY AVE 22-23\_01-05-2024

Folder File #: 22-23 Drawing #: A-004.00

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DOB Application:



**ATTIC PLAN**  
 SCALE: 3/16" = 1'-0"

**LEGEND**

| WALL | SYMBOL | TYPE                                                                          | WALL | SYMBOL | TYPE                                                                          | WALL | SYMBOL | TYPE                                                                          |
|------|--------|-------------------------------------------------------------------------------|------|--------|-------------------------------------------------------------------------------|------|--------|-------------------------------------------------------------------------------|
|      |        | PROPOSED FOUNDATION WALL<br>2-HR RATED WALL<br>(see detail sheet A-600.00)    |      |        | EXISTING INTERIOR WALL<br>1-HR RATED PARTITION                                |      |        | PROPOSED INTERIOR WALL<br>1-HR RATED PARTITION<br>(see detail sheet A-600.00) |
|      |        | PROPOSED FOUNDATION WALL<br>2-HR RATED WALL<br>(see detail sheet A-600.00)    |      |        | PROPOSED INTERIOR WALL<br>1-HR RATED PARTITION<br>(see detail sheet A-600.00) |      |        | PROPOSED INTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |
|      |        | PROPOSED INTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |      |        | PROPOSED INTERIOR WALL<br>1-HR RATED PARTITION<br>(see detail sheet A-600.00) |      |        | PROPOSED EXTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |



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 SECTION:10 BLOCK 19 LOT 28

**Sheet Title:**  
 Roof Plan

Application Filed Separately

DOB Approval Seal:

Seal & Signature



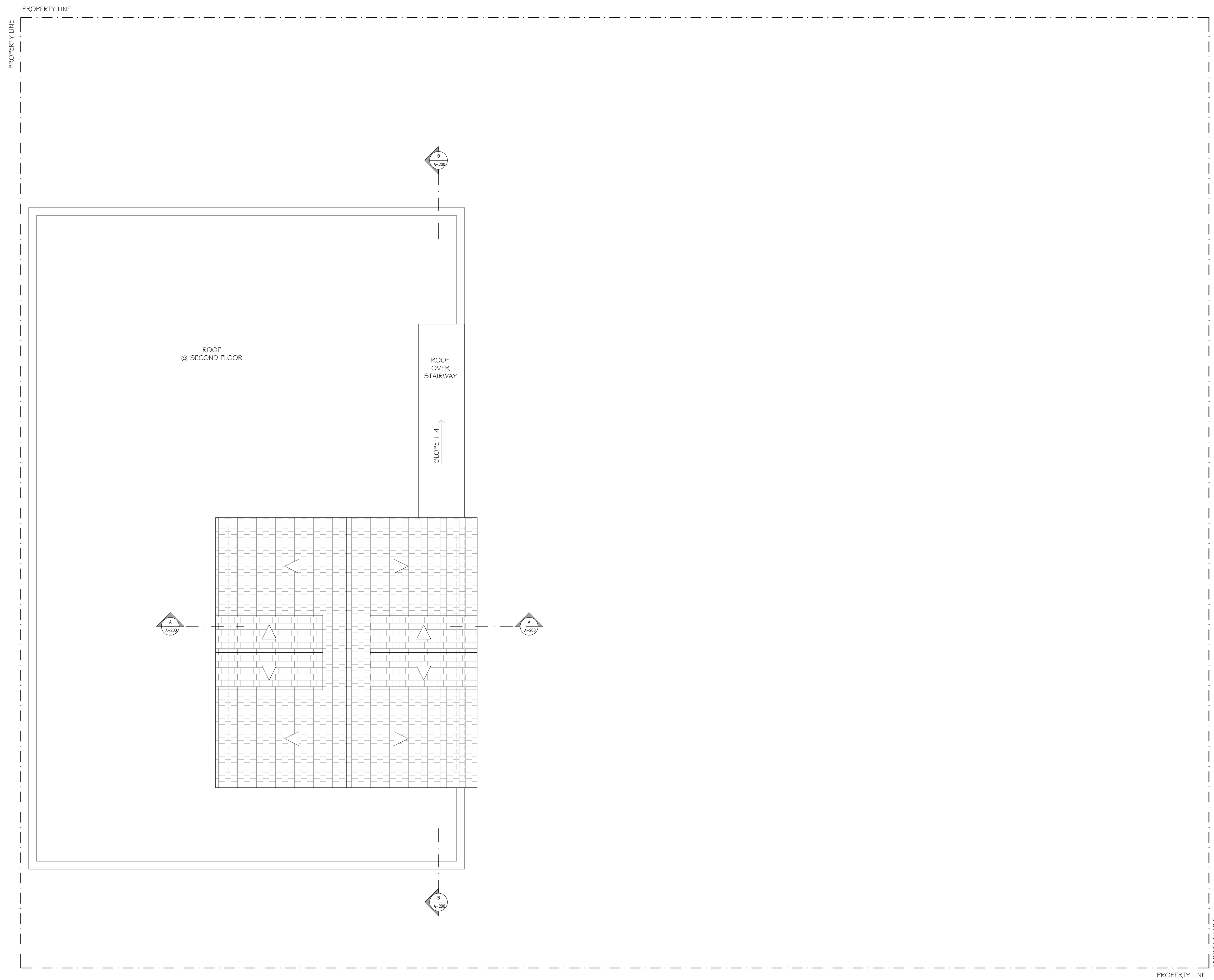
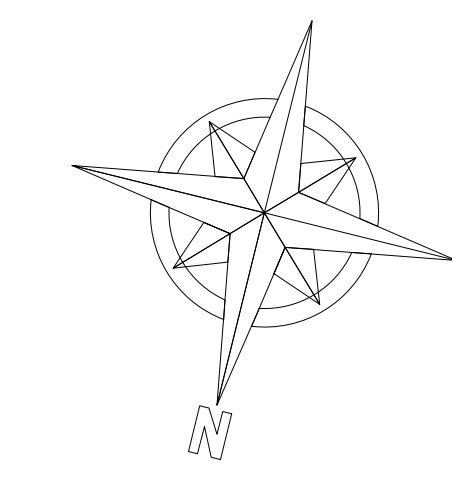
Date: 03/25/2024 Rev. By: L.M. M.B.

File Name: 490 WESTBURY AVE 22-23\_01-05-2024

Folder File # 22-23 Drawing # A-005.00

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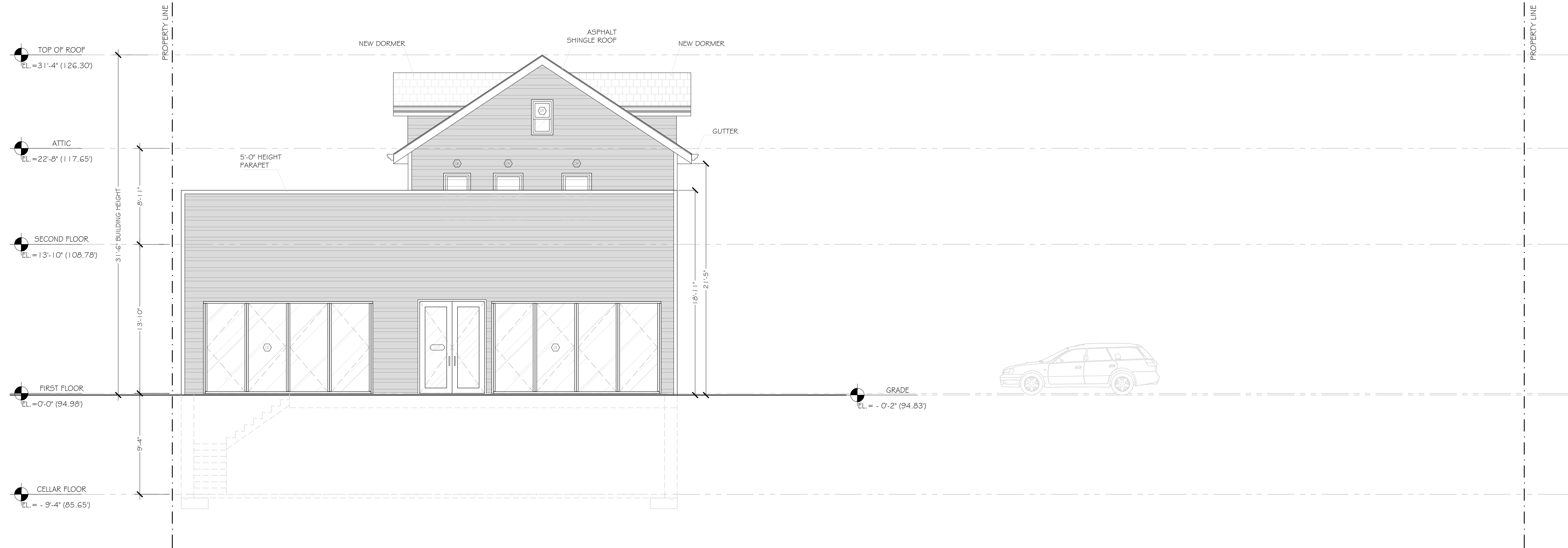
DOB Application:



**ROOF PLAN**  
 SCALE: 3/16" = 1'-0"

| WALL | SYMBOL | TYPE                                                                          | WALL | SYMBOL | TYPE                                                                          | WALL | SYMBOL | TYPE                                                                          |
|------|--------|-------------------------------------------------------------------------------|------|--------|-------------------------------------------------------------------------------|------|--------|-------------------------------------------------------------------------------|
|      |        | PROPOSED FOUNDATION WALL<br>2-HR RATED WALL<br>(see detail sheet A-600.00)    |      |        | EXISTING INTERIOR WALL<br>1-HR RATED PARTITION                                |      |        | PROPOSED INTERIOR WALL<br>1-HR RATED PARTITION<br>(see detail sheet A-600.00) |
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|      |        | PROPOSED INTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |      |        | PROPOSED EXTERIOR WALL<br>2-HR RATED PARTITION<br>(see detail sheet A-600.00) |      |        |                                                                               |





**NORTH ELEVATION**

SCALE: 3/16" = 1'-0"



**WEST ELEVATION**

SCALE: 3/16" = 1'-0"

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**Address: UNO MEXICAN GRILL**

490 WESTBURY AVE  
 CARLE PLACE, NY 11514  
 SECTION:10 BLOCK 19 LOT 28

**Sheet Title:**

North & West Elevations

Application Filed Separately

**DOB Approval Seal:**

**Seal & Signature**



Date: 03/25/2024 Drawing: L.M. Rev. By: M.B.

File Name: 490 WESTBURY AVE 22-23\_01-05-2024

Folder File # 22-23

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Drawing # A-100.00

**DOB Application:**



**RIKE TECH ASSOCIATES LLC.**

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 SECTION:10 BLOCK 19 LOT 28

**Sheet Title:**  
 South & East Elevations

Application Filed Separately

DOB Approval Seal:

Seal & Signature

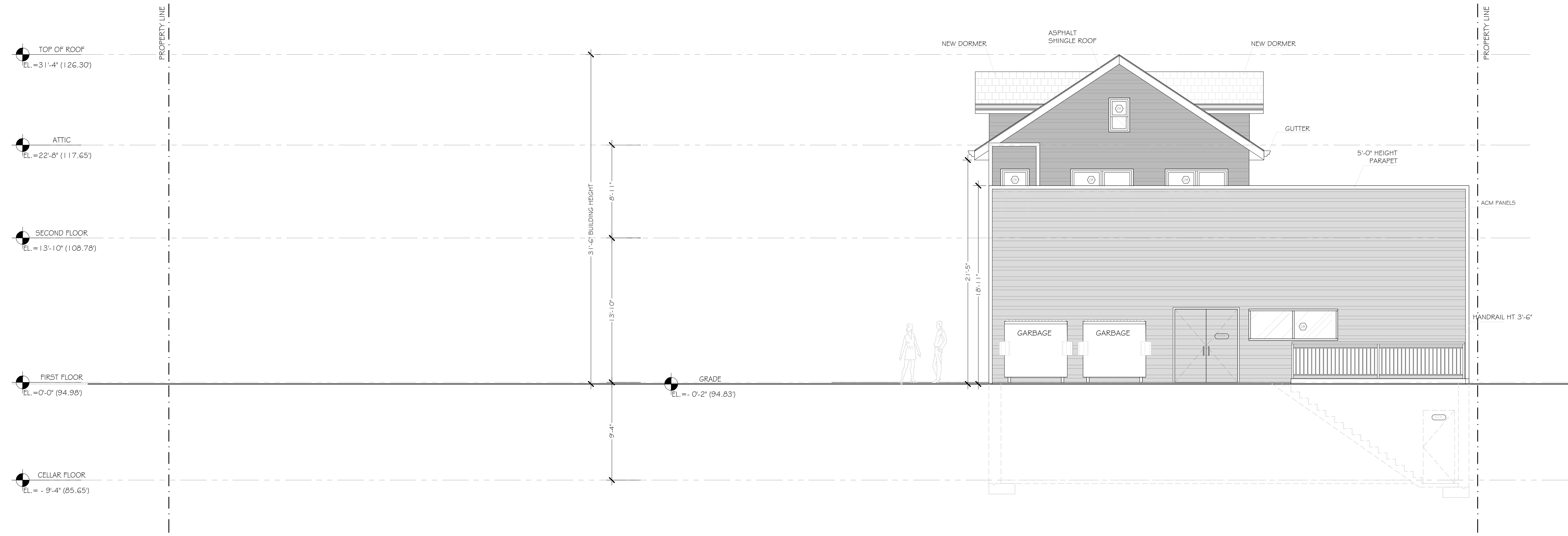
Date: 03/25/2024 Drawing: L.M. Rev. By: M.B.

File Name: 490 WESTBURY AVE 22-23\_01-05-2024

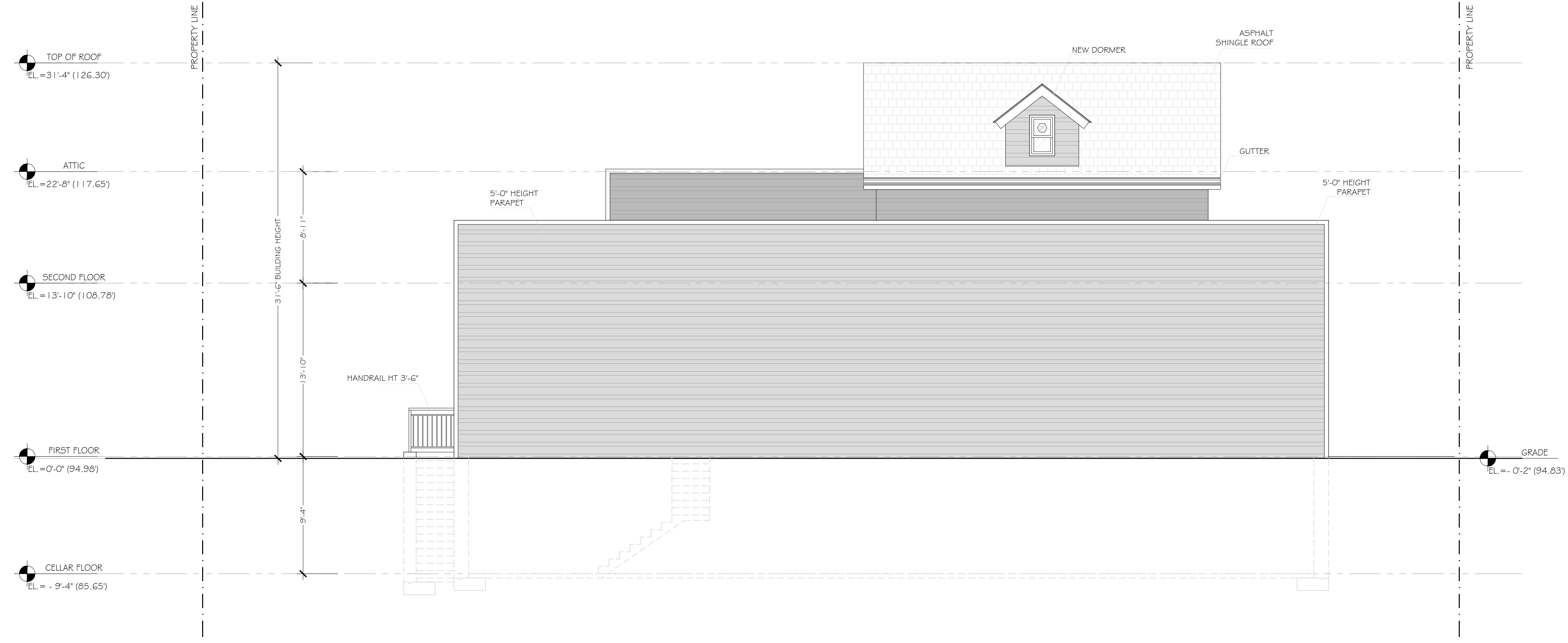
Folder File #: 22-23 Drawing #: A-101.00

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DOB Application:



**SOUTH ELEVATION**  
 SCALE: 3/16" = 1'-0"



**EAST ELEVATION**  
 SCALE: 3/16" = 1'-0"