

# PROPERTY INFORMATION

ADDRESS: HARING AVENUE SPARKILL NY 10976  
 PROJECT TYPE: DEVELOPMENT OF EMPTY LOT TO PROVIDE NEW SINGLE-FAMILY WOOD-FRAME DWELLING  
 LOT NUMBER: 72.20-3-5.4  
 LOT WIDTH: 76.9'  
 LOT DEPTH: 173.11'  
 LOT AREA: 12,165 SF (28A)  
 ALLOWABLE F.A.R.: .30 (3.650 SF)  
 GROSS FLOOR AREA PROPOSED: 3,647 SF  
 MAXIMUM BUILDING HEIGHT: 30'-0"  
 PROPOSED BUILDING HEIGHT: 27'-2"

SEE SITE PLAN FOR ALL REQUIRED SETBACKS AND PROPOSED BUILDING SETBACKS.  
 MAXIMUM BUILDING HEIGHT IS EQUAL TO 1'-4" PER 1'-0" DISTANCE FROM NEAREST PROPERTY LINE.

# GENERAL NOTES

THESE SIGNED & SEALED DOCUMENTS HAVE BEEN PREPARED TO ILLUSTRATE AND EXPLAIN THE SCOPE OF WORK REQUIRED FOR THE CONSTRUCTION OF A NEW SINGLE-FAMILY WOOD-FRAME DWELLING, AND ARE LIMITED TO BASIC STRUCTURAL & ARCHITECTURAL INFORMATION. NO FURTHER LIABILITY SHALL BE ASSUMED BEYOND THE CONTENTS HEREIN.

ALL MECHANICAL, ELECTRICAL, & PLUMBING INFORMATION AND SCOPE OF WORK SHALL BE PROVIDED BY OTHERS.

ALL WORK SHALL COMPLY WITH NYC BUILDING CODE, NFPA, NYC ELECTRICAL CODE & ALL OTHER APPLICABLE CODES & ORDINANCES AND IN ACCORDANCE WITH MUNICIPALITY RULES, APPLICABLE CODES INCLUDE:  
 2015 INTERNATIONAL BUILDING CODE NY STATE / 2015 INTERNATIONAL RESIDENTIAL CODE  
 2017 UNIFORM CONSTRUCTION CODE WITH NY STATE SUPPLEMENT  
 2015 ENERGY CONSERVATION CODE OF NEW YORK STATE WITH 2017 ENERGY CODE SUPPLEMENTS.

IN ADDITION TO WORKMAN'S COMPENSATION AND DISABILITY INSURANCE REQUIRED BY THE DEPARTMENT OF BUILDINGS, ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK IN THE PREMISES SHALL PROVIDE LIABILITY INSURANCE IN AMOUNTS DESIGNATED BY THE BUILDING OWNER.

IN THE EVENT OF CONFLICTS BETWEEN THE DOCUMENTS AND THE REQUIREMENTS OF THE BUILDING CODE, THE MORE STRINGENT REQUIREMENT GOVERNS.

IN THE EVENT OF ERRORS OR INCONSISTENCIES IN THE DOCUMENTS, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT. THE ARCHITECT SHALL PROVIDE CLARIFYING INFORMATION TO THE CONTRACTOR. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY STRUCTURAL CONDITIONS NOT SHOWN ON THESE PLANS.

THE INTENT OF THESE DOCUMENTS IS TO ILLUSTRATE AND INCLUDE BASIC ITEMS NECESSARY FOR THE PROPER EXECUTION OF THE WORK. THE CONTRACTOR SHALL FURNISH OR CONTRACT FOR ALL LABOR, MATERIALS, TOOLS, EQUIPMENT AND OTHER ITEMS AS MAY BE NECESSARY TO COMPLETE THE WORK CALLED FOR, SHOWN ON OR REASONABLY INFERRED BY THESE DOCUMENTS.

THE ARCHITECT IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS, TECHNIQUES, OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK SINCE THESE ARE SOLELY THE GENERAL CONTRACTOR'S RESPONSIBILITY.

DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS. IF UNCERTAINTY ARISES REGARDING DIMENSIONS, ALIGNMENTS, HEIGHTS, ETC. CONTACT THE ARCHITECT FOR CLARIFICATION.

THE CONTRACTOR SHALL COORDINATE THE WORK OF SEPARATE TRADES. THE CONTRACTOR SHALL COORDINATE THE FITTING AND MATCHING OF MATERIALS AND EQUIPMENT SUPPLIED BY THE SUBCONTRACTORS OR THEIR SUPPLIERS.

THE CONTRACTOR SHALL INSURE THAT ALL WORK IS INSTALLED STRAIGHT, TRUE TO LINE, ACCURATELY FITTED AND LOCATED WITH PROPER SUPPORTS, GROUNDS, BLOCKING, HARDWARE, BACKING MATERIAL, JOINTS, SEALANT OR GROUTS AS APPLICABLE USING APPROPRIATE HARDWARE OR CONNECTION DEVICES AND FOR THE PROPER INTEGRATION OF THE WORK OF DIFFERENT TRADES. ALL ITEMS SHALL BE ANCHORED FIRMLY AS REQUIRED BY SUBSTRATE CONDITIONS, EXCEPT ITEMS REQUIRING LOOSE OR SLIP JOINTS OR CONNECTIONS TO ALLOW FOR EXPANSION AND CONTRACTION OR MOVEMENT IN THE BUILDING.

# CONSTRUCTION & MATERIALS NOTES

FOR DESIGN PURPOSES, LOAD VALUES FOR THESE DOCUMENTS WERE TAKEN FROM TABLE R401.41, WITH SOILS MAINTAINING A MINIMUM LOAD-BEARING PRESSURE OF 2,000 PSF. ALL FOOTINGS AND FOUNDATION WORK SHALL ONLY BE INSTALLED ON SOIL WITH PROPER BEARING VALUE.

ALL CONCRETE WORK SHALL BE TRANSIT-MIXED STONE WITH A BEARING CAPACITY OF 3,000 PSI TESTED 28 DAYS AFTER POURING.

ALL LUMBER USED IN THE WORK SHALL BE SOUND, DRY, CONSTRUCTION GRADE DOUGLAS FIR OR KD SPRUCE WITH MINIMUM STRESS VALUES OF FB = 1,500 PSI AND E = 1,750,000.

DOOR, WINDOW, AND OPENING HEADERS FOR SPANS LESS THAN 6'-0" SHALL CONSIST OF (2) 2x10 LUMBER, UNLESS OTHERWISE NOTED. DOOR, WINDOW, AND OPENING HEADERS FOR SPANS BETWEEN 6'-0" AND 8'-0" SHALL CONSIST OF (3) 2x10 OR (2) 2x12 LUMBER IN EXTERIOR WALLS, UNLESS OTHERWISE NOTED.

PROVIDE DOUBLE FLOOR JOISTS AT ALL LOCATIONS WHERE PARTITIONS RUN PARALLEL WITH JOIST SPAN.

STAIRS TO BE CONSTRUCTED AND DIMENSIONED AS PER NEW YORK STATE CODE REQUIREMENTS.

MAXIMUM RISER HEIGHT: 8.25"  
 MINIMUM TREAD DEPTH: 9"  
 MINIMUM NOSING DEPTH: 3/4"  
 HANDRAIL HEIGHT: 36" ABOVE FINISHED FLOOR  
 MAXIMUM SPINDLE GAP: 4"

LOCATION	LIVE LOAD REQUIRED	DEAD LOAD APPLIED	TOTAL LOAD VALUE
ATTIC	20 LBS / SF	10 LBS / SF	30 PSF
GUARDRAIL & HANDRAIL	200 LBS / SF	20 LBS / SF	220 PSF
PASSENGER VEHICLE GARAGE	20 LBS / SF	10 LBS / SF	30 PSF
NON-SLEEPING ROOMS	40 LBS / SF	10 LBS / SF	50 PSF
SLEEPING ROOMS	30 LBS / SF	20 LBS / SF	50 PSF
STAIRS	40 LBS / SF	10 LBS / SF	50 PSF
DECKS & PORCHES	40 LBS / SF	10 LBS / SF	50 PSF

# THERMAL & FIRE SAFETY NOTES

INSTALL HARD-WIRED SMOKE/CO2 DETECTORS IN ALL BEDROOMS, HALL AREAS NEAR BEDROOMS, ATTICS, AND BASEMENT AND AS PER BUILDING & FIRE SAFETY CODE-MANDATED REQUIREMENTS.

BUILDING THERMAL ENVELOPE SHALL BE PROPERLY SEALED AND SECURED TO LIMIT AIR & MOISTURE INFILTRATION. REFER TO SECTION N102.4.1. OF THE NEW YORK STATE RESIDENTIAL CODE FOR DETAILED INFORMATION REGARDING CAULKING, WEATHERSTRIPPING, & OTHER AIR/VAPOR BARRIER MATERIALS AND INSTALLATIONS.

PROVIDE VAPOR RETARDERS AS PER NEW YORK STATE RESIDENTIAL CODE N1102.5 CLASS 1 (ROCKLAND COUNTY / ZONE 5). AT BASEMENT AND GARAGE STUD WALLS, PROVIDE SHEET POLYETHYLENE, NON PERFORATED ALUMINUM FOIL.

LOCATION	PERFORMANCE REQUIRED	PERFORMANCE SPECIFIED
CEILING	R-49	R-49
WALL	R-21	R-21
FLOOR	R-30	R-30
GLAZING	U-35	U-30
BASEMENT WALL	R-15	N/A
ON-GRADE SLAB EDGE	R-10	N/A
CRAWL SPACE	R-15	N/A

NOTE: ALL WINDOW & DOOR MODEL NUMBERS REFERENCED APPLY TO ANDERSEN WINDOWS WOOD-FRAME WINDOW LINE. SEE MANUFACTURER SPECIFICATIONS FOR MORE INFORMATION.

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*	WIND-BORNE DEBRIS ZONE*		WEATHERING	FROST LINE DEPTH*	TERMITES*					
30 LBS/SF						SEVERE			15		ZONE X		

NOTE: \* ALL CATEGORIES MARKED WITH AN ASTERISK TO BE DETERMINED BY THE JURISDICTION, AS PER TABLE R301.2(1) FOOTNOTES. FLOOD HAZARD ZONE DESIGNATION INDICATED BY FEMA FLOOD MAP SERVICE CENTER MAP #36087C0193G (EFFECTIVE 3/3/2014).

WINDOW ID	LIGHT AREA (SF)	VENT AREA (SF)	LIVING ROOM	OFFICE	KITCHEN	MASTER BED	BED 1	BED 2	BED 3
A281	3.70	1.20						1	
WDH2456	9.56	4.38	4	4	2				
G53	9.2	5.5			1				
50611APLR	17.38	28.34			2				
WDH26410	9.01	5.1				2	2		
WDH2442	7.01	4.02							2
WDH210410	10.45	5.83	2				2		

FENESTRATION SCHEDULE NOTES:

FENESTRATION SCHEDULE INCLUDES ONLY EXTERIOR WINDOW & DOORS USED TO CALCULATE LIGHT & AIR CALCULATION REQUIREMENTS BELOW. SEE PLANS FOR ALL OTHERS. ALL WINDOWS & DOORS TO BE ANDERSEN 400 SERIES OR OTHER APPROVED CODE-COMPLIANT ALTERNATE. ALL PLAN TAGS REFER TO ANDERSEN "WDH" SERIES UNLESS NOTED.

# DRAWING SHEET LIST

- G-101 : NOTES & SITE PLAN
- A-101 : CELLAR & FIRST FLOOR PLAN
- A-102 : 2ND FLOOR PLAN
- A-201 : EXTERIOR ELEVATIONS
- A-501 : CONSTRUCTION DETAILS



ROOM NAME	[A] ROOM AREA	[LA] LIGHT AREA REQUIRED (A x 8%)	LIGHT AREA PROVIDED	VENTILATION AREA REQUIRED (LA x 45%)	VENTILATION AREA PROVIDED
LIVING ROOM	289 SF	23 SF	59.1 SF	10 SF	29.2 SF
KITCHEN/DINING AREA	524 SF	42 SF	63.1 SF	18.9 SF	70.9 SF
OFFICE	154 SF	12 SF	38.2 SF	5.4 SF	26.3 SF

LIGHT & AIR NOTES:  
 LIGHT & AIR REQUIREMENTS BASED ON SECTION 402 LIGHT/SECTION 403 VENTILATION.  
 ALL CALCULATIONS AND AREAS SHOWN AS PER MANUFACTURER'S TECHNICAL SPECIFICATIONS FOR GLAZED AND VENTED AREAS.

ROOM NAME	[A] ROOM AREA	[LA] LIGHT AREA REQUIRED (A x 8%)	LIGHT AREA PROVIDED	VENTILATION AREA REQUIRED (LA x 45%)	VENTILATION AREA PROVIDED
MASTER BEDROOM	223 SF	17.8 SF	18.2 SF	8.0 SF	10.2 SF
BEDROOM 1	253 SF	20.2 SF	20.9 SF	9.1 SF	11.7 SF
BEDROOM 2	263 SF	21.0 SF	21.7 SF	9.4 SF	11.4 SF
BEDROOM 3	161 SF	12.9 SF	14.0 SF	5.8 SF	8.0 SF

LIGHT & AIR NOTES:  
 LIGHT & AIR REQUIREMENTS BASED ON SECTION 402/SECTION 403.  
 ALL CALCULATIONS AND AREAS SHOWN AS PER MANUFACTURER'S TECHNICAL SPECIFICATIONS FOR GLAZED AND VENTED AREAS.

- 09/29/2020  
ISSUE FOR PRELIMINARY REVIEW
- 10/06/2020  
ISSUED FOR FINAL REVIEW PRIOR TO FILING
- 05/27/2021  
ISSUED FOR REVIEW
- 10/08/2021  
ISSUED FOR REVIEW

**OWNER:**  
 GRIFF CONSTRUCTION, LLC  
 1 ROUNDHOUSE ROAD  
 PIERMONT, NY 10968

**ARCHITECT:**  
 LUKE PETROCELLI, RA  
 51 STRATFORD RD, APT C3  
 BROOKLYN, NY 11218

**PROJECT ADDRESS:**  
 Lot #4  
 HARING DRIVE  
 SPARKILL, NY 10983

**DRAWING TITLE:**  
 NOTES & PLOT PLAN

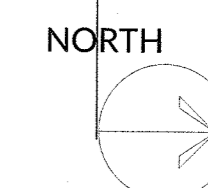
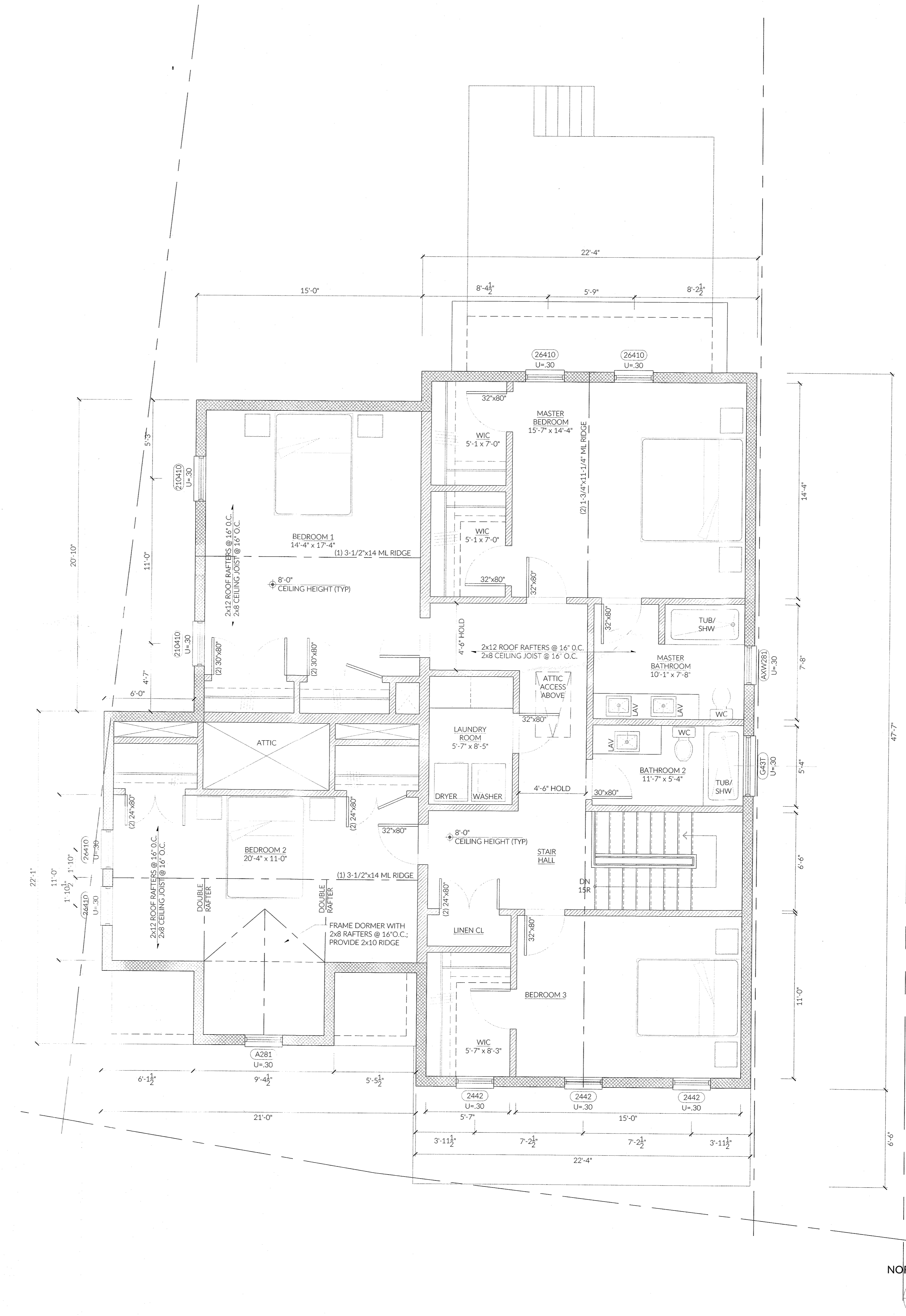
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DWG. NO. 01 OF 05

**G 001.00**





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**ISSUANCE RECORD**

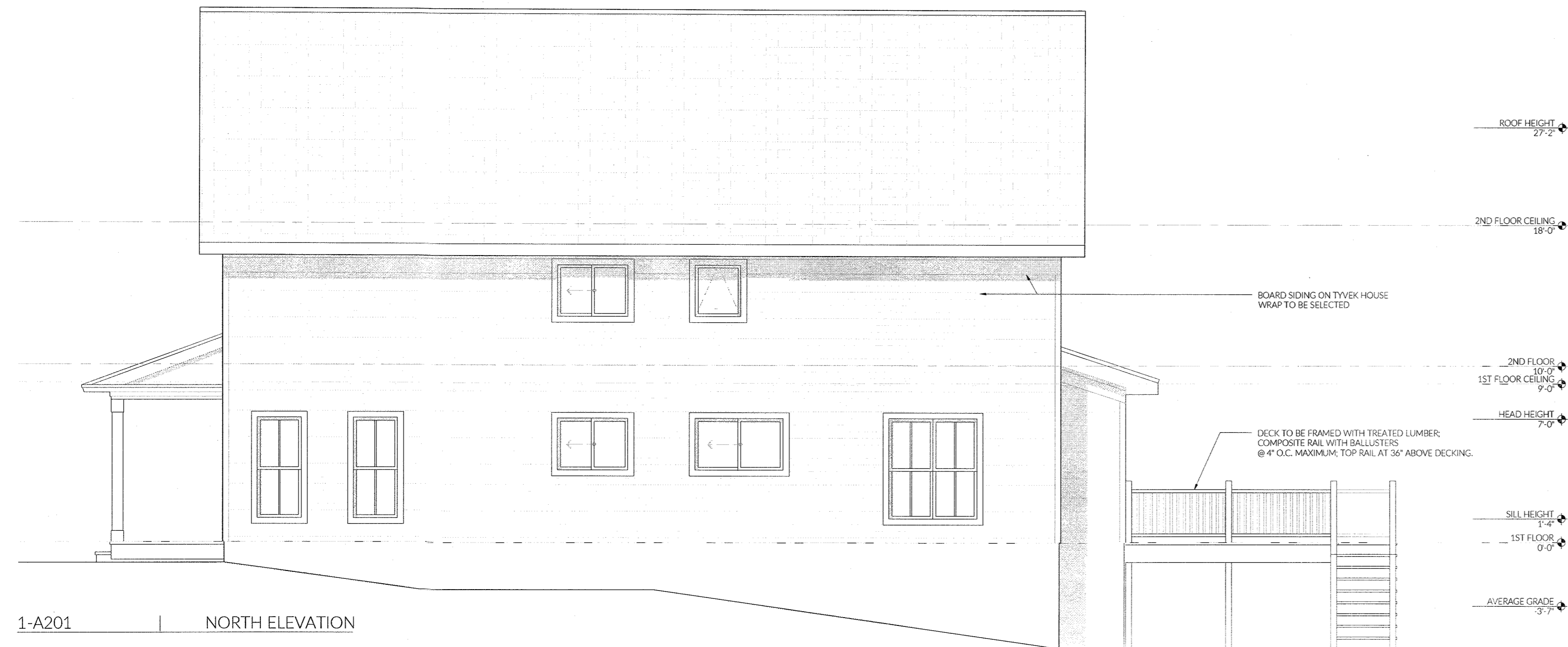
**OWNER:**  
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1 ROUNDHOUSE ROAD  
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**DRAWING TITLE:**  
SECOND FLOOR  
PLAN  
SCALE: 1/4" = 1'-0"





1-A201 | NORTH ELEVATION



2-A201 | WEST (REAR) ELEVATION



3-A201 | SOUTH ELEVATION



4-A201 | EAST (FRONT) ELEVATION

02/15/2021  
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ISSUANCE RECORD

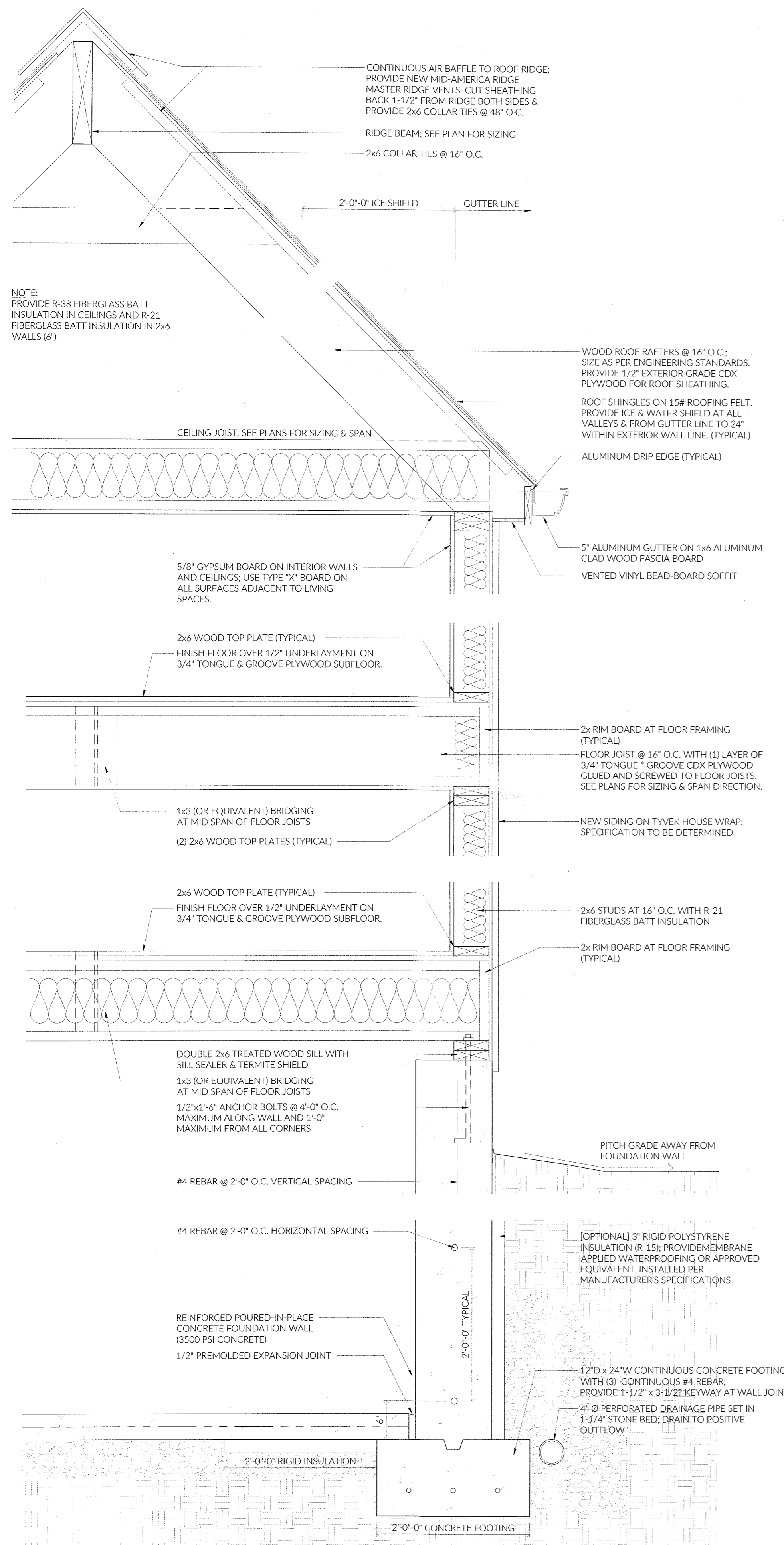
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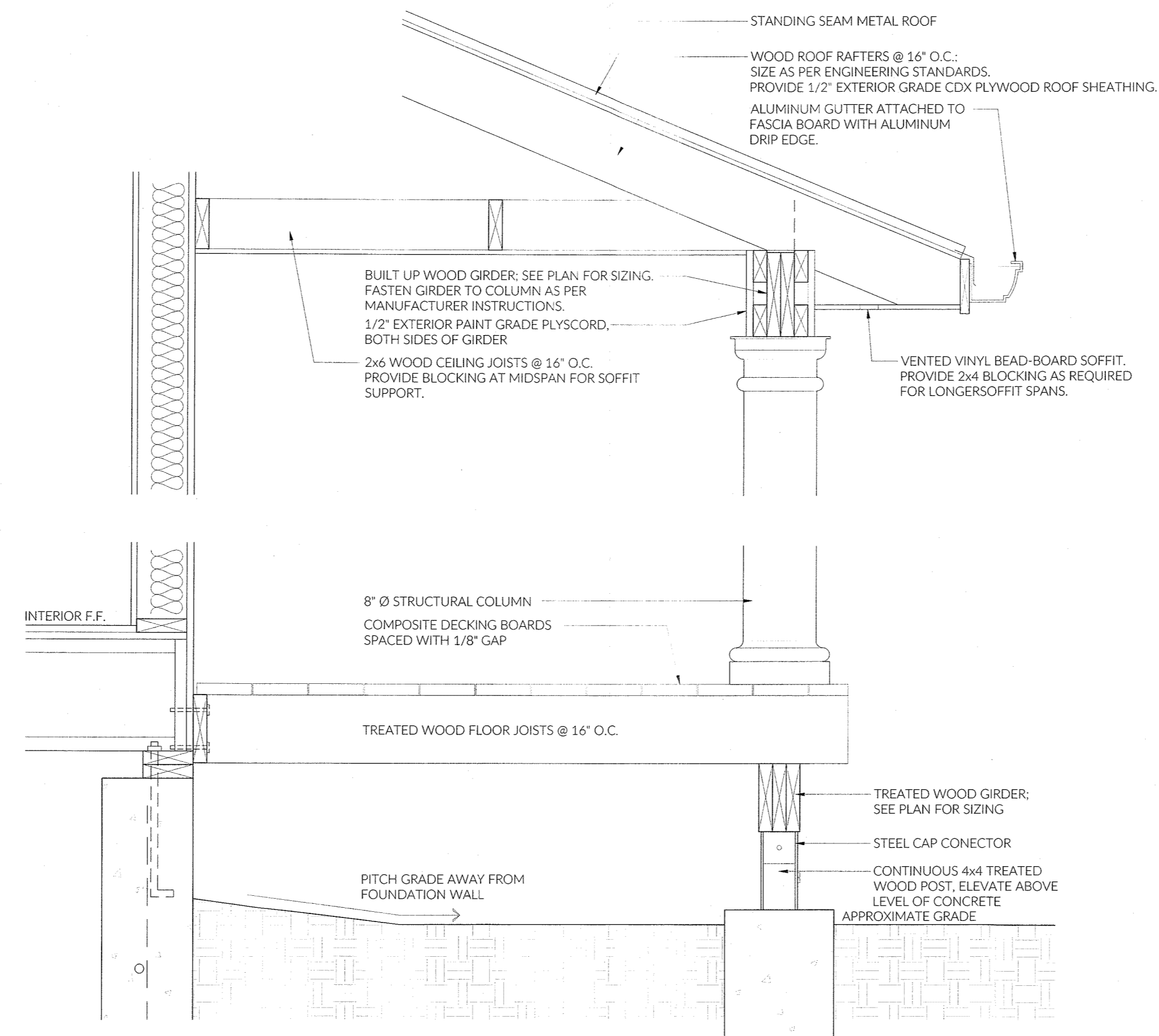
**PROJECT ADDRESS:**  
LOT #4  
KINGS HIGHWAY  
SPARKILL, NY 10983

**DRAWING TITLE:**  
EXTERIOR  
ELEVATIONS  
SCALE: 3/16" = 1'-0"

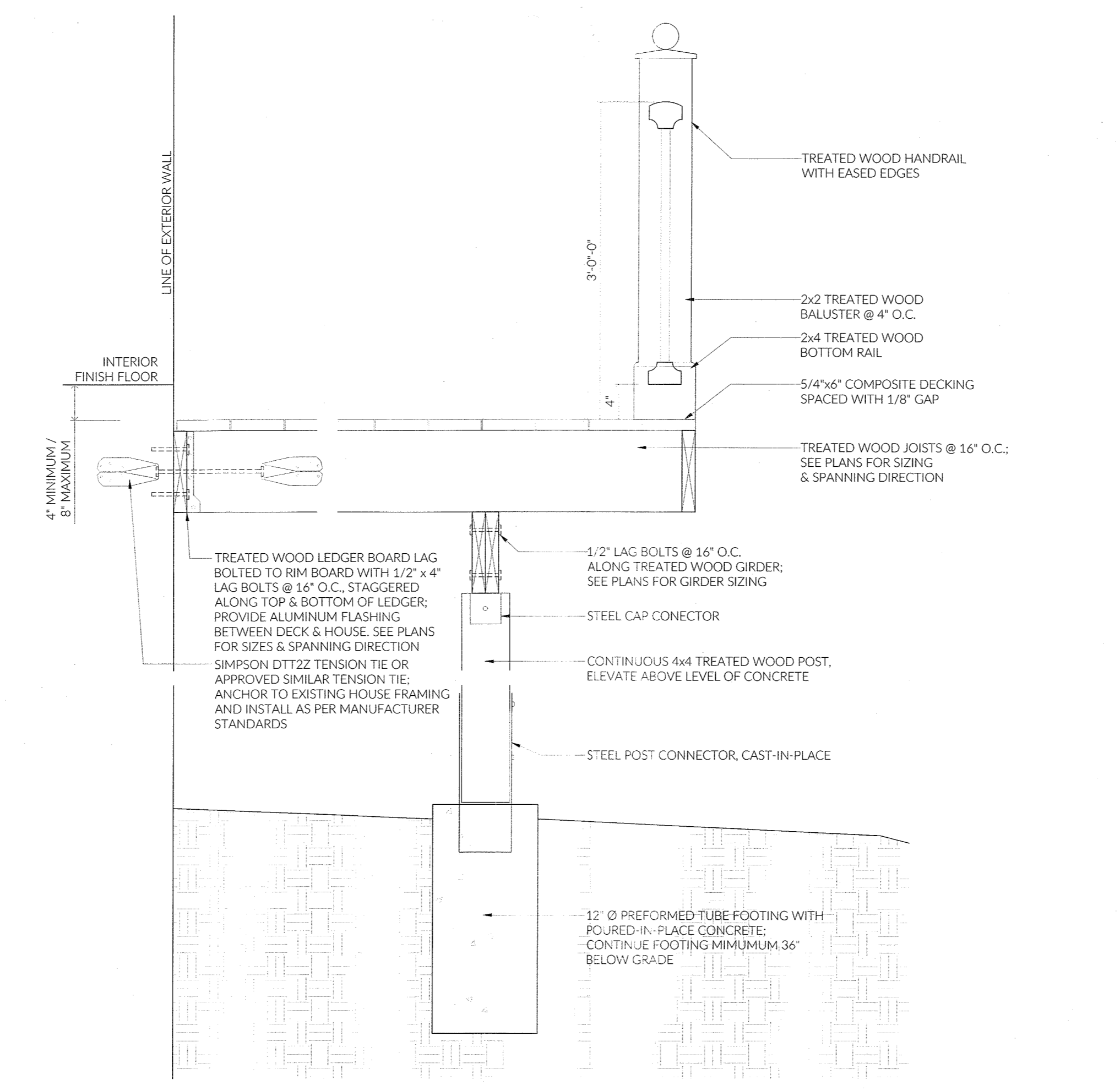




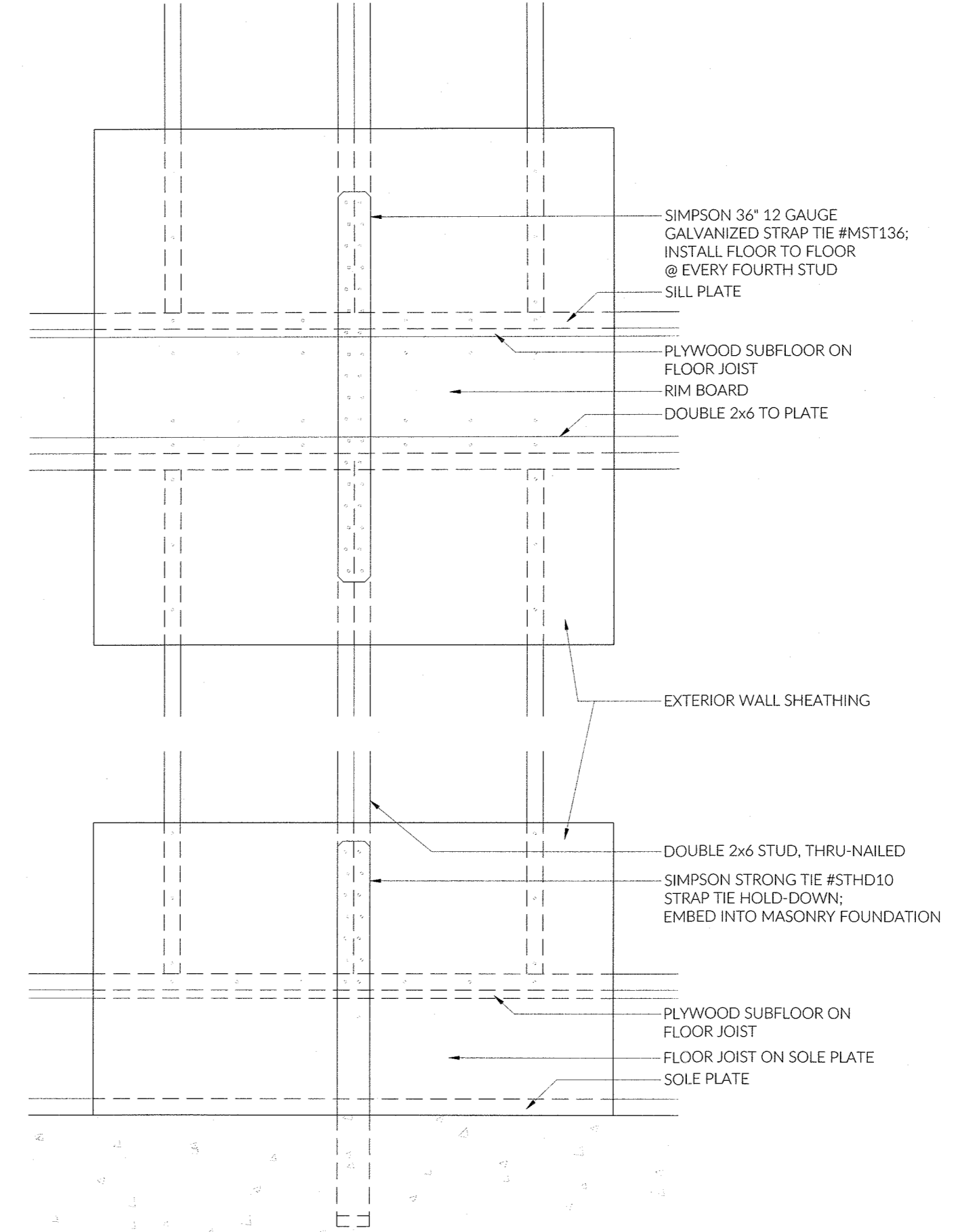
1-A501 TYPICAL WALL SECTION



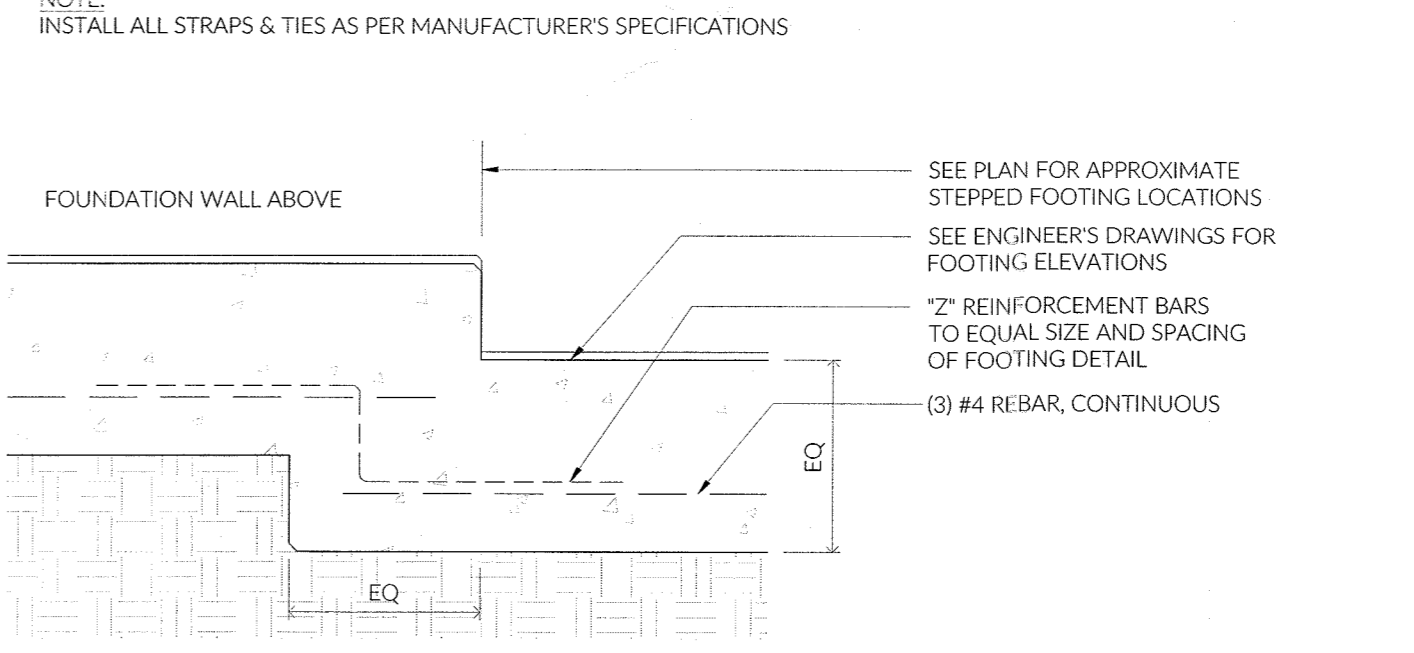
2-A501 SECTION THROUGH PORCH



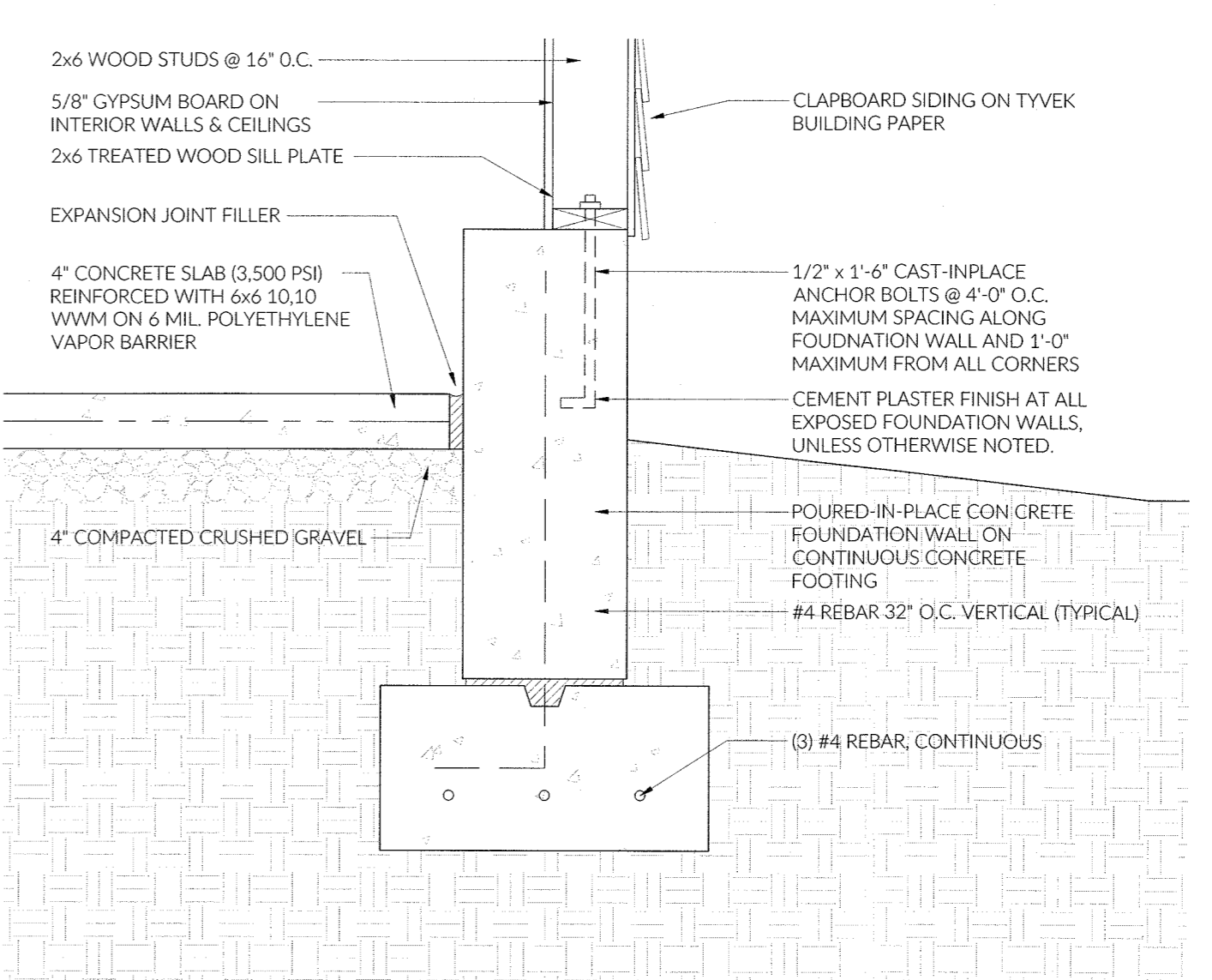
3-A501 SECTION THROUGH DECK



4-A501 TIE-DOWN FRAMING DETAIL



5-A501 SUPPLEMENTAL TYPICAL STEPPED FOOTING DETAIL (5-A501 SUPPLEMENTAL)



5-A501 SECTION THROUGH GARAGE SLAB

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DRAWING TITLE:  
TYPICAL DETAILS

SCALE: 1" = 1'-0"

