

Debby Padgett

Digitally signed by Debby Padgett Date: 2022.09.22 11:26:03 -04'00'

LAKE COUNTY BUILDING SERVICES This document must be on jobsite for inspections. This document was reviewed for code compliance; this does not relieve the applicant from correcting errors and omissions and complying with the current Florida Building Code.

Revision: # 1



BELLA COLLINA BLOCK: - LOT#: 78 16009 VETTA DRIVE MONTVERDE, FLORIDA 34756



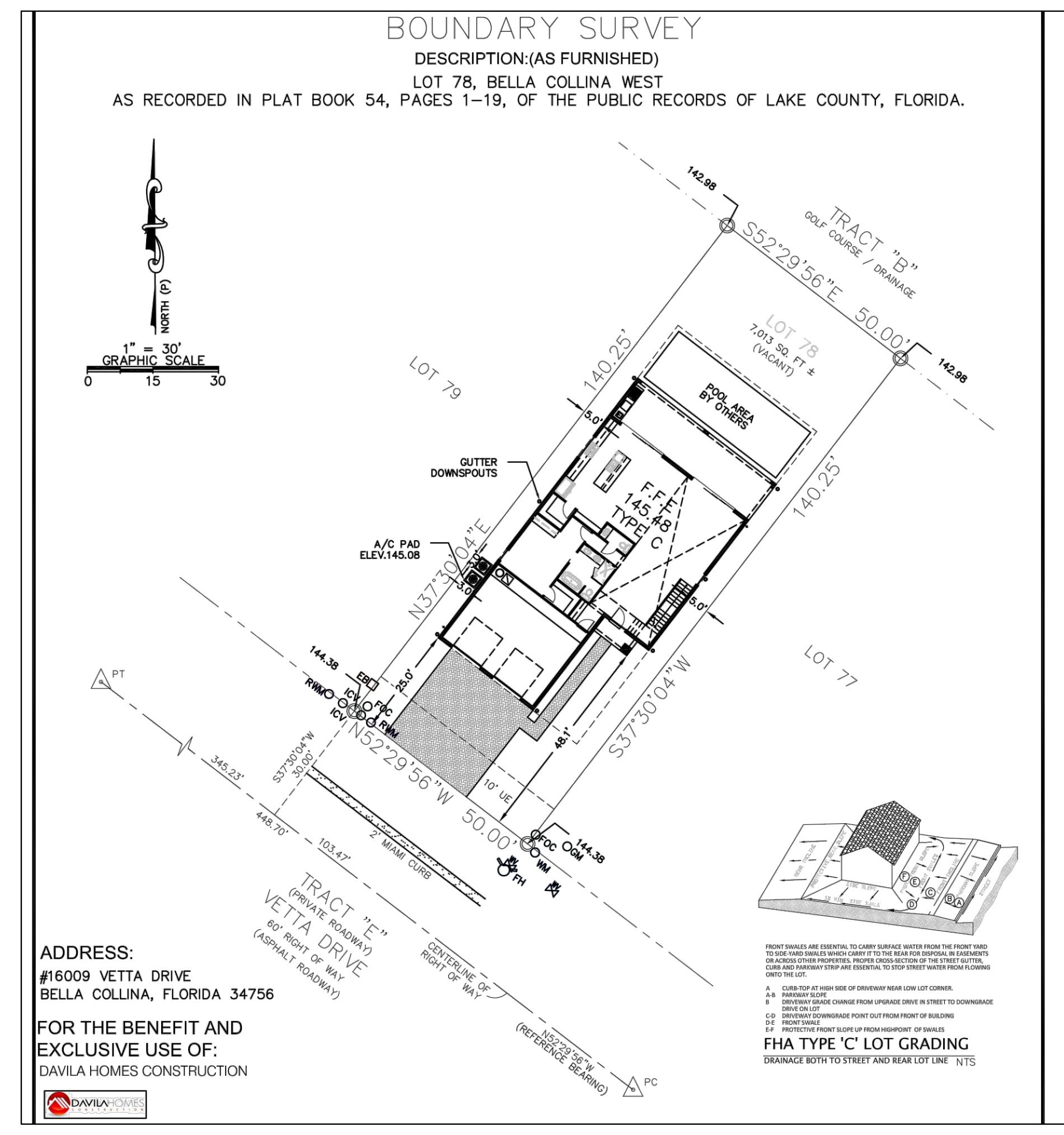
NOTE: RENDERING MAY NOT REFLECT FINAL DESIGN. REFER TO CONSTRUCTION DRAWINGS HEREIN FOR ACTUAL ELEVATIONS

3190G - ELEVATION "C"

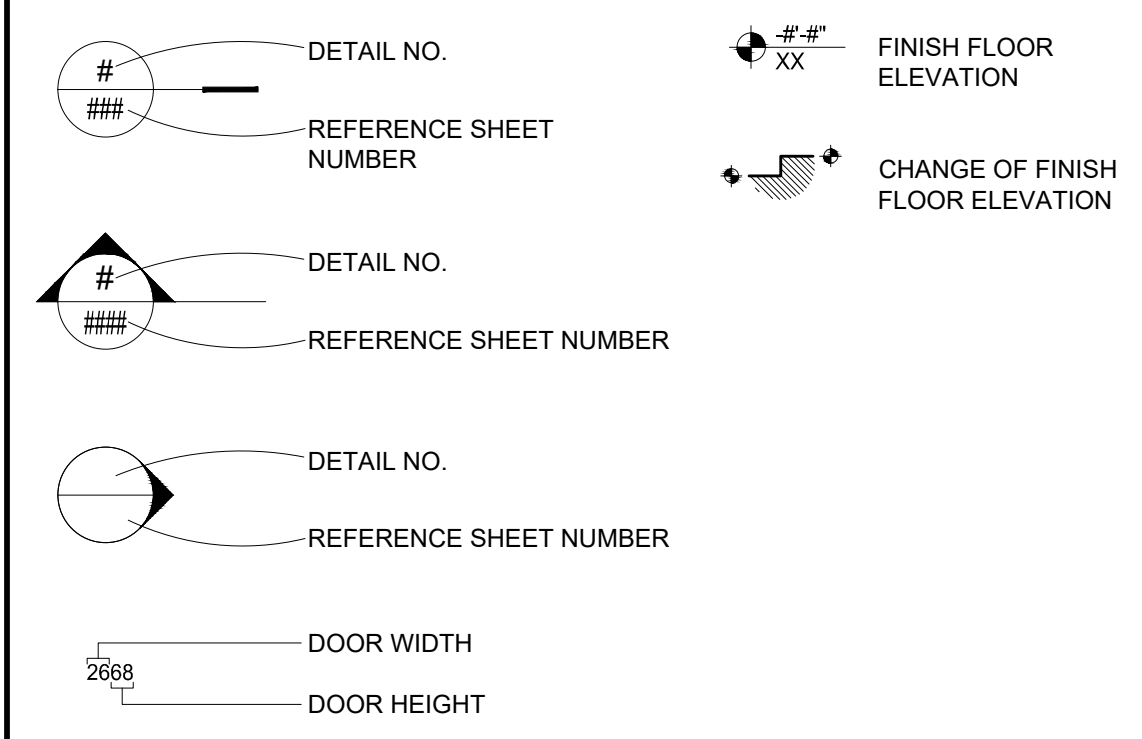


DAVILA HOMES CONSTRUCTION BELLA COLLINA BLOCK: LOT: 78 ADDRESS: 16009 VETTA DRIVE MONTVERDE, FLORIDA 34756

SITE PLAN



DRAWING SYMBOLS



ABBREVIATIONS

Table of abbreviations for building components such as AVX (above), A/C (air conditioning), ADJ (adjustable), etc.

DESIGN CRITERIA

Design criteria table including building code (Florida Building Code, Residential), wind loading (ultimate design wind speed 140 MPH), roof loading (top chord live load 20 PSF), and floor loading (sleeper rooms 30 PSF).

DRAWING LIST

Drawing list table with columns for sheet number and sheet title, listing items from cover sheet to waterprooing.

AREA TABULATION (S.F.)

Area tabulation table showing square footages for 1st floor living (1650), 2nd floor living (1553), entry (37), garage (595), covered lanai (413), and balcony (97), with a total area of 4345.

Control and Revisions table with columns for plan number, sheet name, series, version, and a table for mark, date, and description.

Professional seal and signature of Erik J. Fred, AIA, Registered Architect, State of Florida.

Disclaimer text: 'This item has been electronically signed and sealed by Erik J. Fred AIA on the Date and/or Time shown using a digital signature. Printed copies of this document are not considered signed and sealed...' and sheet title 'COVER SHEET'.

GENERAL REQUIREMENTS

- TO THE BEST OF THE DESIGN PROFESSIONALS KNOWLEDGE, THESE DOCUMENTS HAVE BEEN PREPARED WITH AND ARE IN COMPLIANCE WITH THE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH CHAPTERS 553 & 633 OF THE FLORIDA STATUTES. THESE DOCUMENTS MEET OR EXCEED THE REQUIREMENTS OF: THE FLORIDA BUILDING CODE, RESIDENTIAL (FBCR), 7TH EDITION (2020).
- DO NOT SCALE DRAWINGS. THE CONTRACTOR AND SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO WORK PERFORMED AND SHALL NOTIFY THE ARCHITECT/ENGINEER OF RECORD IF ANY DISCREPANCIES ARE FOUND.
- THE CONTRACTOR SHALL BRING ERRORS AND OMISSIONS WHICH MAY OCCUR IN THE CONTRACT DOCUMENTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER OF RECORD IN WRITING AND WRITTEN INSTRUCTIONS SHALL BE OBTAINED BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE RESULTS OF ANY ERRORS, DISCREPANCIES OR OMISSIONS IN THE CONTRACT DOCUMENTS, OF WHICH THE CONTRACTOR FAILED TO NOTIFY THE ARCHITECT/ENGINEER OF RECORD BEFORE CONSTRUCTION AND/OR FABRICATION OF THE WORK.
- THE ARCHITECT/ENGINEER OF RECORD SHALL NOT BE RESPONSIBLE FOR THE SAFETY AND CONSTRUCTION PROCEDURES, TECHNIQUES OR THE FAILURE OF THE BUILDER TO CARRY OUT THE WORK IN ACCORDANCE WITH THE DRAWINGS OR THE REQUIRED CODES.
- THE STRUCTURAL DESIGN IS BASED ON THE INTERACTION OF ALL PARTS OF THE COMPLETED BUILDING. THE CONTRACTOR SHALL SOLELY BEAR THE RISK FOR PROVIDING ADEQUATE STABILITY AND SAFETY OF THE STRUCTURE DURING CONSTRUCTION UNTIL PERMANENT MEMBERS ARE COMPLETELY INSTALLED.
- DETAILS SHOWN ON THE DRAWINGS ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.
- THE CONTRACTOR SHALL MAKE NO STRUCTURAL CHANGES WITHOUT THE WRITTEN APPROVAL FROM THE ARCHITECT/ENGINEER OF RECORD.
- NO STRUCTURAL MEMBERS ARE TO BE CUT FOR PIPES, DUCTS, ETC. UNLESS SPECIFICALLY DETAILED.
- TERMITE PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH FLORIDA BUILDING CODE, RESIDENTIAL (FBCR), 7TH EDITION (2020) SECTION R318.

SITE WORK

- REFER TO THE SOILS REPORT FOR SPECIFIC DESIGN REQUIREMENTS.
- REFER TO THE CIVIL DRAWINGS FOR LOCATION OF BUILDING WORKING POINTS, ROUGH GRADING, ON-SITE UTILITIES, SITE IMPROVEMENTS, SITE RETAINING WALLS, AND SPECIFIC GENERAL NOTES. THE SOILS REPORT AND CIVIL DRAWINGS SHALL OVERRIDE CONFLICTS WITH SITE WORK NOTED HEREIN. SEE LANDSCAPE DRAWINGS FOR FINAL FINISH GRADES, PLANTING AND IRRIGATION.
- RATIONAL ANALYSIS WAS PERFORMED TO DETERMINE SIZE AND STEEL REINFORCING FOR ALL FOUNDATIONS. DESIGN WAS BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 2,000 PSF. TRANSFER REINFORCING (TOP STEEL) HAS BEEN DELETED UNLESS NOTED OTHERWISE.
- ELEVATIONS SHOWN ON THE SITE DRAWINGS ARE MINIMUM REQUIRED DEPTHS, IF DIFFERENT CONTACT THE ARCHITECT.
- NO EXCAVATION SHALL BE MADE WHOSE DEPTH BELOW THE FOOTING IS GREATER THAN 1/2 THE HORIZONTAL DISTANCE FROM THE NEAREST EDGE OF THE FOOTING.
- ALL BACKFILL AT STRUCTURES, SLABS, STEPS, AND PAVEMENTS SHALL BE CLEAR OF GRANULAR FILL. PLACE IN 8" LAYERS AND COMPACT TO 95% MAXIMUM DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM D1557. THE BUILDING SITE SHALL BE KEPT DRY SO THAT EROSION WILL NOT OCCUR IN THE FOUNDATIONS.
- COMPACTION BY FLOODING OR JETTING IS STRICTLY PROHIBITED.
- DO NOT BACKFILL UNTIL SLABS HAVE CURED OR HAVE BEEN PROPERLY BRACED. (WHERE APPLICABLE)
- EXCAVATIONS TO BE A MINIMUM OF 3'-0" BEYOND NEW FOOTING LINE.
- THE GENERAL CONTRACTOR MUST TAKE MEASURES TO CONTROL SOIL EROSION AS PER ALL LOCAL AND STATE REQUIREMENTS.
- THIS BUILDING IS NOT DESIGNED TO BE CONSTRUCTED WITHIN A FLOOD ZONE. UNO, CONTRACTOR IS TO VERIFY THE ELEVATION OF THE FINISHED FLOOR SLAB WITH THE SIGNED AND SEALED LOCAL CODES WHICH APPLY TO THE BUILDING. LOCAL JURISDICTION, INCLUDING ALL APPLICABLE STATE, CITY, AND COUNTY BUILDING AND ZONING CODES.
- SWIMMING POOL, DECK, SPA, AND ASSOCIATED WORK IS TO BE PERMITTED SEPARATELY BY ENGINEERED SHOP DRAWINGS.

CONCRETE AND FOUNDATION

- ALL CONCRETE WORK SHALL COMPLY WITH THE EDITION OF THE STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE IN BUILDINGS, ACI 301, AND THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI 318-14.
- CONCRETE COMPRESSIVE STRENGTH FOR FOOTINGS= 2,500 PSI AT 28 DAYS (UNO).
- CONCRETE COMPRESSIVE STRENGTH FOR SLAB = 2,500 PSI AT 28 DAYS (UNO).
- ALL REINFORCING STEEL #3 AND BIGGER SHALL BE ASTM A615 GRADE 40 DEFORMED BARS (UNO).
- ALL REINFORCING STEEL SHALL HAVE 90 DEGREE BEND AT CORNERS WITH A 24" LAP. 24" LONG #4 BAR IS RECOMMENDED TO BE INSTALLED AT ALL REINTEGRANT CORNERS.
- FIBERMESH IS AN ACCEPTABLE ALTERNATIVE AND SHALL NOT REQUIRE WWF. FIBER LENGTHS SHALL BE 1/2 INCH TO 2 INCHES IN LENGTH. DOSAGE AMOUNTS SHALL RANGE FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SYNTHETIC FIBERS SHALL COMPLY WITH ASTM C1116. THE MANUFACTURER OR SUPPLIER SHALL PROVIDE CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY THE BUILDING OFFICIAL.
- SLAB FLOORS SHALL BE 3.5"4" NOMINAL IN THICKNESS.
- ALL AGGREGATES USED IN CONCRETE SHALL NOT CONFORM TO ASTM C33-03. MAXIMUM AGGREGATE SIZE SHALL BE 3/4".
- PROVIDE 6% AIR ENTRAINED CONCRETE EXPOSED TO EARTH OR WEATHER.
- BRACE FOUNDATION WALLS, RETAINING WALL, DURING BACKFILLING AND TAMPING OPERATIONS. LEAVE BRACING IN POSITION UNTIL PERMANENT RESTRAINTS ARE INSTALLED.
- ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4".
- EARTH AND EARTH FILL SUPPORTING SLABS ON GRADE IS ASSUMED TO HAVE A MINIMUM BEARING CAPACITY OF 2,000 psf IN ACCORDANCE WITH FLORIDA BUILDING CODE, RESIDENTIAL (FBCR), 7TH EDITION (2020) TABLE 1906.2, AND SHALL BE FREE OF ORGANIC MATERIAL AND COHESIVE SOILS. COMPACT THE FILL IN 12" LIFTS TO AT LEAST 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY. IT IS THE OWNER'S OR CONTRACTOR'S RESPONSIBILITY TO CONFIRM THESE ASSUMPTIONS.
- CONTRACTOR/OWNER SHALL DETERMINE THAT THE SOIL IS SUITABLE FOR 2,000 psf BEARING CAPACITY. IF CONTRACTOR OR BUILDING OFFICIAL DETERMINES THAT THE SOIL IS NOT SUITABLE FOR 2,000 psf BEARING CAPACITY, CONTACT ARCHITECT OR ENGINEER OF RECORD PRIOR TO CONSTRUCTION. ADDITIONAL FOUNDATION WORK MAY BE REQUIRED.
- CONCRETE FLOOR SLABS ON GRADE SHALL BE INSTALLED OVER A MINIMUM 6 MIL POLYETHYLENE VAPOR RETARDER WITH JOINTS LAPPED 6" AND SEALED WITH ADHESIVE TAPE OVER CLEAN, COMPACTED EARTH OR FILL WITH APPROVED CHEMICAL SOIL TREATMENT FOR PREVENTION OF SUBTERRANEAN TERMITES.
- TO CONTROL CRACKING, CUT 1" SAWCUTS IN THE SLAB IN A 15x15' GRID WITHIN 12 HOURS OF CONCRETE PLACEMENT. CONTACT EOR FOR ALTERNATIVE METHODS. CONTROL JOINTS ARE NOT REQUIRED WHEN WWF OR FIBERMESH ARE INCLUDED WITH CONCRETE WORK.
- DO NOT SCALE FOOTING DIMENSIONS AND LOCATIONS FROM THE FOUNDATION PLAN. DO NOT DETERMINE FOOTING LOCATION FROM ARCHITECTURAL PLANS OR FRAMING PLAN. IF FOOTING SIZE OR LOCATION IS NOT DETERMINATE FROM USE OF FOUNDATION PLAN ALONE, CONTACT THE ENGINEER OF RECORD.
- FLOOR ELEVATIONS AT REQUIRED EGRESS DOOR SHALL MEET PROVISIONS OF FBCR SECTION R311.3.1.

REINFORCING STEEL

- ALL CONCRETE AND MASONRY STEEL REINFORCEMENT SHALL CONFORM TO THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES, ACI 315; THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE ON BUILDINGS, ACI 301; AND THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, ACI 318-08.
- ALL REINFORCING STEEL #3 AND BIGGER SHALL BE ASTM A615 GRADE 40 OR 60 DEFORMED BARS (UNO), PRESTRESSING STRAND PER ASTM A416 GRADE 270 LOW RELAXATION, 7/16 WIRE PER ASTM A510.
- WELDED WIRE FABRIC SHALL BE 6"x6" - W1.4 x W1.4 AND SUPPLIED IN FLAT SHEETS CONFORMING TO ASTM A185. LAP SIDES AND ENDS A MINIMUM OF 12". LOCATE WWF 2" FROM THE TOP OF THE SLAB, UNLESS NOTED OTHERWISE ON PLANS. THIS REINFORCEMENT SHALL BE SUPPORTED AT INTERVALS NOT EXCEEDING 3'-0". FBCR R506.2.4.
- ALL VERTICAL REINFORCING BARS IN CMU SHALL BE ANCHORED IN THE FOOTING, THICKENED SLAB, BEAM OR LINTEL SUPPORTING THE WALL AT THE TOP AND BOTTOM WITH MINIMUM 10 INCH HOOKS OR BENDS AND SHALL BE CONTINUOUS THROUGHOUT THE HEIGHT OF THE WALL, WITH LAP SPICES OF AT LEAST 25" #6 OR 34" #8.
- RUN REINFORCING BARS CONTINUOUSLY LAPPED AT SPLICES AND AROUND CORNERS. DOWEL INTO INTERSECTING WALLS AND HOOK ENDS. STAGGER SPLICES WHEREVER POSSIBLE.
- CLEARANCE OF MAIN REINFORCING BARS FROM ADJACENT CONCRETE SURFACES SHALL BE:
 - CONCRETE CAST AGAINST & PERMANENTLY EXPOSED TO EARTH 3"
 - CONCRETE EXPOSED TO EARTH OR WEATHER: #5, W31 OR D31 AND SMALLER 2"
 - CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: #1 AND SMALLER 3/4"
 - BEAMS, COLUMNS: PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS 1 1/2"
- DO NOT CUT OR DISPLACE REINFORCING STEEL TO ACCOMMODATE THE INSTALLATION OF EMBEDDED ITEMS WITHOUT THE APPROVAL OF THE ARCHITECT/ENGINEER OF RECORD.
- FIBER MESH, IF USED, SHALL BE IN LIEU OF WELDED WIRE MESH AND AS SPECIFIED IN THE CONCRETE DESIGN MIX.

REINFORCING STEEL MINIMUM REQUIREMENTS							
40 KSI				60 KSI			
BAR SIZE	MINIMUM LAP	MINIMUM BEND DIA.	MINIMUM ACI HOOK	BAR SIZE	MINIMUM LAP	MINIMUM BEND DIA.	MINIMUM ACI HOOK
#4	20"	3"	10"	#4	24"	3"	10"
#5	25"	3 3/4"	10"	#5	30"	3 3/4"	10"
#6	34"	4 1/2"	12"	#6	36"	4 1/2"	11"
#7	42"	5 1/4"	14"	#7	42"	5 1/4"	13"

MASONRY NOTES

- MASONRY CONSTRUCTION SHALL BE DESIGNED IN ACCORDANCE W/ THE PROVISIONS OF FBCR SECTION R606 OR W/ PROVISIONS OF TMS 402/ACI308/ASCE5.
- CONCRETE MASONRY UNITS SHALL BE GRADE "N" TYPE II OR EQUAL AND, IN ACCORDANCE WITH ASTM C90/88, STANDARD SPECIFICATIONS FOR HOLLOW LOAD-BEARING CONCRETE MASONRY UNITS. MINIMUM COMPRESSIVE STRENGTH OF F'm = 1,900 PSI.
- OPEN-END BLOCK MAY BE SUBSTITUTED FOR STANDARD TWO CELL BLOCK.
- MORTAR SHALL BE TYPE "M" OR "S" IN ACCORDANCE WITH ASTM C270-07, STANDARD SPECIFICATIONS FOR MORTAR FOR MASONRY.
- MORTAR JOINTS FOR ALL BED AND HEAD JOINTS ARE TO BE 3/8 INCH THICK. THE BED JOINT OF THE STARTING COURSE MAY VARY BUT IT SHALL NOT BE LESS THAN 1/4 INCH AND NOT MORE THAN 3/4 INCH. REFER TO FBCR SECTION R606.3 FOR MORTAR JOINT THICKNESS TOLERANCES.
- GROUT SHALL BE IN ACCORDANCE WITH ASTM C476, STANDARD SPECIFICATIONS FOR GROUT FOR MASONRY, OR 3000 PSI PEA ROCK CONCRETE PER SPECIFICATIONS AND THE PROVISIONS OF SECTION R606.2.11 OF THE FBCR.
- FILL CMU CELLS SOLID WITH GROUT AT ALL CELLS TO RECEIVE EXPANSION ANCHORS AND/OR VERTICAL REINFORCING.
- MASONRY WALLS SHALL BE LAID IN A RUNNING BOND PATTERN OR, IF A STACK BOND PATTERN IS TO BE USED 9 GA. LADDER TYPE HORIZONTAL JOINT REINFORCEMENT; IS TO BE INSTALLED IN THE BED JOINTS SPACED AT 16" ON CENTER MAX.
- PROVIDE MOISTURE BARRIER FOR ALL UNTREATED LUMBER IN CONTACT WITH MASONRY OR CONCRETE.

FRAMING NOTES

- SIMPSON ACRYLIC-TIE ADHESIVE SHALL BE USED IN ALL DRILLED AND EPOXIED CONNECTIONS TO CONCRETE. EPOCH 95 HIGH STRENGTH EPOXY OR EQUIVALENT SHALL BE USED FOR ALL QUICKTIE TO SLAB CONNECTIONS. ANCHOR BOLT, THREADED ROD, OR DOWELED REINFORCING STEEL, MAY BE EMBEDDED TO THE SPECIFIED DEPTH, IN A HOLE 1/16" GREATER THAN THE DIAMETER OF THE ANCHOR. ADHESIVE MUST FILL THE HOLE IN THE CONCRETE AND WOOD BOTTOM PLATE. MANUFACTURER'S SPECIFICATIONS MUST BE FOLLOWED FOR PROPER INSTALLATION.
- ALL LUMBER SPECIFIED ON DRAWINGS IS INTENDED FOR DRY USE ONLY. UNO. ALL WATERPROOFING AND FIRE SAFETY SYSTEMS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE DESIGNED AND DETAILED BY OTHER.
- ALL METAL CONNECTORS SPECIFIED ON PLAN ARE IN ADDITION TO FRAMING FASTENER REQUIREMENTS LISTED IN FLORIDA BUILDING CODE TABLE 2304.9.1.
- BEAMS IDENTIFIED BY NUMBER ON PLAN ARE TO BE PROVIDED BY TRUSS MANUFACTURER.
- FASTEN SW, AND LOAD BEARING WALL STUDS TO BOTTOM AND TOP PLATES WITH (#4)8 TOE NAILS OR (2)#6d COMMON END NAILS.
- FASTEN ALL TRUSSES AND RAFTERS TO TOP PLATES WITH (3)#4 TOE NAILS.
- ALL MULTI-PLY TRUSS GIRDERS AND BEAMS TO HAVE SOLID STUD GROUP BELOW MATCHING GIRDER OR BEAM THICKNESS AND MATCHING WALL STUD SPECIFICATIONS AS NOTED ON STRUCTURAL PLAN, UNO.
- FASTEN ALL MULTI-PLY STUD COLUMNS AND CORNERS TOGETHER WITH (2) ROWS 10d COMMON @ 8" O.C. STAGGERED. UPPER LEVEL, MULTI-PLY STUD GROUPS TO BE CONTINUOUS THROUGH FLOOR SYSTEM TO FOUNDATION.

HEADER FRAMING

- ALL HEADER JACK AND KING STUDS SHALL BE FASTENED TO EACH OTHER WITH (2) ROWS 10d COMMON @ 8" O.C. STAGGERED.
- WSP HEADERS ARE WOOD STRUCTURAL PANEL HEADERS AND HAVE THE FOLLOWING REQUIREMENTS:
 - SHEATHING TO MATCH SPECIFICATION FOR EXTERIOR WALLS.
 - ATTACH TO ALL FRAMING MEMBERS (KING STUD, TOP PLATE, HEADER SILL, CRIPPLES, ETC.) W/ 8d COMMON @ 3" O.C.
 - BOTTOM PLY OF DBL TOP PLATE MUST BE CONTINUOUS OVER OPENING.
 - NO 2 SPF HEADER SILL INSTALLED ABOVE OPENING W/ (1) CRIPPLE STUD AT EACH END.
 - WALL SHEATHING ABOVE OPENING MUST BE CONTINUOUS (OR PROPERLY SPLICED PER TYPICAL WALL SECTION SHEET) FROM TOP OF PLATE TO HEADER BELOW OR SILL PLATE ABOVE OPENING.
- TOP PLATE TO HEADER CONNECTION PER ONE OF THE FOLLOWING (NO CONNECTION REQUIRED FOR OPENINGS 3 FT OR LESS OR AT FIRST FLOOR HEADERS WHEN A 2ND LEVEL FLOOR SYSTEM IS ABOVE):
 - HTS16 W/ (10) 10d x 1-1/2" @ 16" O.C.
 - MIN 18 GA. COIL STRAP WRAPPED OVER TOP PLT W/ MIN (5) 10d x 1- 1/2" INTO EACH SIDE OF HEADER OR
 - FASTEN TRUSS DIRECTLY TO HEADER W/ MTS OR HTS W/ (14) 10d x 1- 1/2" (OR EQUAL APPROVED BY AOR/EOR).
 - FASTEN ALL MULTI-PLY HEADERS TOGETHER WITH (2) ROWS 10d COMMON @ 8" O.C. ALONG EACH EDGE.
- FASTEN ALL HEADERS TO KING STUDS WITH MIN. (3) 8d TOE NAILS PER SIDE U.N.O.
- IF HEADER NOT SPECIFIED, CONTACT ARCHITECT/ENGINEER OF RECORD.

OPENING SIZE	HEADER SUPPORT REQUIREMENTS (No. OF JACKS & STUDS REQUIRED AT OPENINGS)			
	2x4 WALLS		2x6 WALLS	
	JACKS (EA. END)	KINGS (EA. END)	JACKS (EA. END)	KINGS (EA. END)
< 4'-0"	1	2	1	2
> 4' < 9'	2	3	2	2
10' TO 16'	3	4	3	4

PLANK ORIENTED HEADER REQUIREMENTS

	CONTINUOUS ROUGH OPENING WIDTH (NOTES 1 & 2)		STUCCO FINISH - L/360 MAXIMUM 1" PLATE HEIGHT	FLEXIBLE FINISH - L/180 MAXIMUM 1" PLATE HEIGHT
	WINDOWS	GREATER THAN 48" UP TO 75" (NOTE 3)	(3) 2X4	(2) 2X4
DOORS	GREATER THAN 75" UP TO 111"	(2) 2X6*	(2) 2X6*	(2) 2X6*
	GREATER THAN 11"	SEE FLOOR PLAN	SEE FLOOR PLAN	SEE FLOOR PLAN
	GREATER THAN 48" UP TO 75" (NOTE 3)	(3) 2X4	(2) 2X4	(2) 2X6*
	GREATER THAN 75" UP TO 111"	(2) 2X6*	(2) 2X6*	(2) 2X6*
	GREATER THAN 11"	SEE FLOOR PLAN	SEE FLOOR PLAN	SEE FLOOR PLAN

- FOR OPENING WIDTHS GREATER THAN OR EQUAL TO 48", FASTEN PLANK HDR TO STUD GROUP WITH MIN (6) 10d TOE-NAILS AT EACH END.
- WINDOWS WITH INTERMEDIATE JACK STUDS MAY BE TREATED AS SEPARATE OPENINGS.
- FOR OPENING WIDTHS LESS THAN 48", A SINGLE 2x PLATE IS SUFFICIENT. FASTEN TO PLATE WITH (3) 10d TOE-NAILS AT EACH END.
- FOR PLATE HEIGHTS ABOVE 11", SEE FLOOR PLAN FOR PLANK-ORIENTED HEADER REQUIREMENT.
- (*) HEADERS DESIGNATED WITH AN ASTERISK REQUIRE MIN 2x6 WALL FRAMING.

NAIL SIZE LEGEND

TYPE	DIAMETER	LENGTH
8d COMMON	0.131"	2-1/2"
RSRS-01	0.113"	2-3/8"
RSRS-03	0.131"	2-1/2"
10d X 1-1/2"	0.148"	1-1/2"
10d	0.131"	3"
10d COMMON	0.148"	3"
12d COMMON	0.148"	3-1/4"
16d SINKER	0.148"	3-1/4"
16d COMMON	0.162"	3-1/2"

- INSTALL 10d NAILS UNLESS OTHERWISE SPECIFIED.
- COMMON WIRE NAILS AND THREADED HARDENED STEEL NAILS SHALL CONFORM TO THE NOMINAL SIZES SPECIFIED IN ASTM F1667. NOMINAL DIAMETER SIZES APPLY TO FASTENERS BEFORE APPLICATION OF PROTECTIVE COATING.
- WHEN A BORED HOLE IS REQUIRED TO PREVENT SPLITTING OF A WOOD DUE TO FASTENER PENETRATION, THE BORED HOLE SHALL NOT EXCEED 75% OF THE NAIL OR SPIKE DIAMETER.
- THE NOMINAL DIAMETER AND LENGTH OF TYPICAL FASTENERS SPECIFIED FOR THIS PROJECT ARE AS LISTED IN TABLE 4.

DOOR/DOOR LOCK NOTES

- ALL LOCKS ON EXTERIOR DOORS SHALL BE CAPABLE OF RESISTING A FORCE OF 300 LBS IN ANY MOVABLE DIRECTION.
- LOCKS ON EXTERIOR DOORS SHALL BE A MINIMUM OF 6000 POSSIBLE KEY CHANGES OR LOCK COMBINATIONS. IF THE KEY-IN-THE-KNOB IS USED, THERE SHALL BE AUXILIARY SINGLE DEAD BOLT WITH HARDENED BOLTS OR INSERTS.
- EXTERIOR EXIT DOOR IF OPERABLE FROM EXTERIOR SHALL HAVE AT LEAST ONE LOCK THAT IS KEY-OPERATED FROM THE EXTERIOR.
- THE ACTIVE LEAF OF PAIRS OF EXTERIOR SWING DOORS SHALL HAVE SAME LOCK AS REQUIRED FOR SINGLE EXTERIOR SWING DOORS. THE INACTIVE LEAF OF PAIRS OF DOORS SHALL HAVE MULTIPLE POINT LOCK W/ 5/8" MIN. THROW BOLTS W/ INSERTS.
- SLIDING GLASS DOORS SHALL BE PROVIDED WITH SLIDING DOOR DEAD BOLTS OR A PIN NOT REMOVABLE OR OPERABLE FROM THE EXTERIOR, AT THE JAMB HEAD, SILL OR MEETING MULLIONS. THESE DOORS SHALL BE REINFORCED IN THE STRIKE AND LOCK AREA TO MAINTAIN A BOLT STRENGTH EFFECTIVENESS IF NECESSARY AND SUCH DOORS SHALL HAVE NO SCREWS REMOVABLE FROM THE OUTSIDE WHICH WOULD FACILITATE READY ENTRANCE FROM THE OUTSIDE.
- HINGES ON EXTERIOR OUT-SWINGING DOORS SHALL HAVE NON-EXPOSED SCREWS EXPOSED HINGES SHALL NOT BE REMOVABLE. JAMBS OF ALL EXTERIOR OFFSET TYPE IN-SWINGING DOORS SHALL BE OF RABBETED OR OF SIMILAR FABRICATION.
- SINGLE SWINGING EXTERIOR DOORS IF WOOD SHALL BE SOLID CORE OR NOT LESS THEN 1 3/8" THICKNESS.
- GLASS AND GLASS-LIKE MATERIALS SHALL COMPLY WITH "ANSI Z97.1". SLIDING GLASS DOORS SHALL COMPLY WITH "AAMA 1303.5" AND "ANSI / AAMA 101".
- SINGLE EXTERIOR SWING AND INTERIOR SWING DOORS CONNECTING LIVING AREAS WITH GARAGE AREAS SHALL BE EQUIPPED W/ SOLID DOORS NOT LESS THAN 1 3/8" IN THICKNESS, SOLID OR HONEYCOMB-CORE STEEL DOORS NOT LESS THAN 1 3/8" THICK OR 20-MINUTE FIRE-RATED DOORS. DOORS SHALL BE SECURED WITH LATCH AND SINGLE DEAD BOLT WITH 1" MINIMUM THROW OR A COMBINATION OF DEAD BOLTS SET W/ LATCH THROW A MIN OF 1/2" AND BOLTS HAVING A MINIMUM THROW OF 1".
- GARAGE DOOR CONNECTING TO LIVING AREA SHALL BE SELF-CLOSING AND SELF-LATCHING PER FLORIDA BUILDING CODE, RESIDENTIAL (FBCR), 7TH EDITION (2020).

GARAGES AND CARPORTS

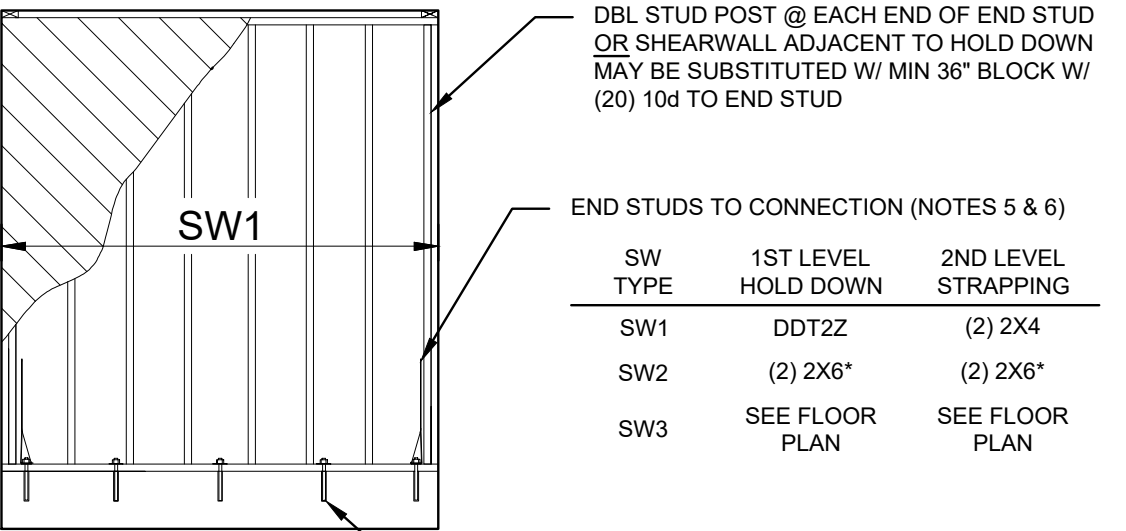
- GARAGE DOOR:
 - ENGINEERED FOR 140 MPH MIN. WIN LOAD.
 - DETAIL TO BE SUPPLIED BY GARAGE DOOR SUPPLIER
 - DETAIL TO BE ATTACHED TO PERMIT PACKAGE BY BUILDER
- AS PER FLORIDA BUILDING CODE, RESIDENTIAL (FBCR), 7TH EDITION (2020), SECTION R302.5.2: DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MINIMUM NO. 26 GAGE (0.48 MM) SHEET STEEL, 1" MIN. RIGID NON-METALLIC CLASS OR CLASS 1 DUCT BOARD OR OTHER APPROVED MATERIAL AND SHALL HAVE NO OPENINGS INTO THE GARAGE.
- AS PER FLORIDA BUILDING CODE, RESIDENTIAL (FBCR), 7TH EDITION (2020) SECTION R302.6 & TABLE R302.6: THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN 1/2-INCH GYPSUM BOARD APPLIED TO THE GARAGE SIDE GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED FROM ALL HABITABLE ROOMS ABOVE BY NOT LESS THAN 5/8-INCH TYPE "X" GYPSUM BOARD OR EQUIVALENT. WHERE THE SEPARATION IS A FLOOR-CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT.
- PROVIDE PERMANENT SIGN (WITH LETTERS NOT LESS THAN 1/2" EMISION; "DANGER DO NOT OPERATE ENGINES W/ DOOR CLOSED CARBON MONOXIDE REMAINS IS LETHAL.") POSTED ON INSIDE OF GARAGE DOOR.
- PROVIDE SCREENED OPENINGS THROUGH GARAGE DOOR W/ THE CLEAR EFFECTIVE AREA NOT LESS THAN 60 SQ. IN. PER MOTOR VEHICLE (LOCATED WITHIN 7 IN. OF THE HIGHEST PART OF THE FLOOR), COMPLY W/ SECTION 1506.1 OF F.B.C.

INSULATION REQUIREMENTS

LOCATION / APPLICATION	R-VALUE / TYPE
EXTERIOR CONC. WALL	R-4.1 HIGH PERM
EXTERIOR FRAME - 2x4	R-11 / R-13 KRAFT FACED
EXTERIOR FRAME - 2x6	R-19 KRAFT FACED
CONDITIONED CEILINGS	R-30 BLOW-IN (INSTALL BAFFLES AT EAVES)
GARAGE SEPARATION (GARAGE / LIVING)	R-11 / R-13 KRAFT FACED

WOOD FRAMED SHEAR WALLS

NOTE: FOR PLANS UTILIZING "QUICKTIE" SYSTEMS REFER TO "TIE-DOWN" PLAN FOR FRAMING TIE-DOWN TYPES, LOCATIONS AND DETAILS. OTHERWISE, REFER OR SHEARWALL CONFIGURATIONS ARE AS FOLLOWS:



- THE EXTERIOR WALLS ARE FULLY SHEATHED WITH OSB OR PLYWOOD. ALL TYPICAL EXTERIOR WALLS ARE SHEAR WALLS AND ARE PART OF THE BUILDING'S MAIN WIND FORCE RESISTING SYSTEM. ADDITIONAL FRAMING AND HOLD-DOWNS ARE REQUIRED ONLY AS NOTED ON THE PLAN OR IF WALL SEGMENT IS IDENTIFIED AS SW1, SW2, SW3, SW4, OR SWB ON THE PLAN.
- ALL SW WALL SHEATHING TO BE FASTENED TO FRAMING PER: "WOOD STRUCTURAL PANEL SHEATHING".
- SW WALLS INDICATED ON PLAN WITH WINDOW AND DOOR OPENINGS WITHIN THE SHEARWALL REQUIRE STUD GROUP AND HOLD DOWNS ONLY AT EXTREME END OF DESIGNATED WALL OR PORTION THEREOF AS NOTED.
- SWB - SEE "SWB-SPECIAL SHEAR WALL DETAIL", LOCATED ON THE DETAIL SHEET.
- 2ND LEVEL SWS - END STUDS OF SHEAR WALL TO BE ANCHORED PER ONE OF THE FOLLOWING:
 - HOLD DOWN WITH FULL-HEIGHT ROD TO SLAB. END STUDS TO BE CONTINUOUSLY SUPPORTED THROUGH FLOOR SYSTEM TO SLAB.
 - 2ND LEVEL END STUDS TO MATCHING 1ST LEVEL STUD GROUP BELOW W/ STRAPPING AS NOTED. 1ST LEVEL STUD GROUP TO SLAB WITH HOLD DOWN.
- DESIGNATED SW WALLS WITH A COMMON CORNER REQUIRE (1)HOLDDOWN, WHICH IS TO BE LARGEST OF THE TWO HOLDDOWNS SPECIFIED, UNO.

TIMBER

- ALL WOODS AND WOOD CONSTRUCTION SHALL COMPLY WITH THE SPECIFICATIONS AND CODES MODIFICATIONS AS SPECIFIED HEREIN:
 - A. AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (STANDARDS MANUAL)
 - B. NATIONAL FOREST PRODUCTS ASSOCIATION
 - C. NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION
 - D. SOUTHERN PINE INSPECTION BUREAU
 - E. STANDARD GRADING RULES FOR SPRUCE PINE LUMBER
 - F. TRUSS PLATE INSTITUTE
 - G. NATIONAL DESIGN STANDARDS FOR LIGHT METAL PLATE CONNECTION WOOD TRUSSES (TP1-2014)
 - H. APA - THE ENGINEERED WOOD ASSOCIATION
 - I. ENGINEERED WOOD CONSTRUCTION GUIDE
 - J. AMERICAN WOOD PRESERVERS ASSOCIATION STANDARDS
- ALL STRUCTURAL LUMBER SHALL BE SPRUCE PINE FIR #2 OR BETTER, UNLESS NOTED OTHERWISE. STRUCTURAL LUMBER SHALL CONSIST OF, BUT NOT LIMITED TO, RAFTERS VERTICAL STRONGBACKS, LEDGERS, BEAMS, HEADERS AND POSTS.
 - Fb = 775 PSI Fv = 135 PSI E = 1,100,000 PSI
- LUMBER FOR INTERIOR BEARING WALLS OR EXTERIOR WALLS SHALL BE:
 - INTERIOR BEARING/EXTERIOR WALLS : SPRUCE PINE FIR #2 OR BETTER U.N.O
 - INTERIOR NON-BEARING WALLS: 2x4 @ 24" O.C. w/ SINGLE TOP PLATE U.N.O.
- ALL LUMBER EXPOSED TO WEATHER, OR AGAINST SOIL, CONCRETE OR MASONRY MUST BE PRESSURE TREATED.
- MINIMUM NAILING PER FBCR, SEE TYPICAL NAILING SCHEDULE ON PLANS.
- ALL BOLTS SHALL HAVE MINIMUM 2" SQUARE STANDARD CUT WASHER UNDER HEADS AND/OR NUTS WHERE IN CONTACT WITH WOOD.
- NOTHING OR CUTTING OF FRAMING MEMBERS SHALL CONFORM TO SECTION R602.6 & R602.7 OF THE FBCR.
- MINIMUM DIMENSION OF ANY SHEATHING SHALL BE 24" AND THE MINIMUM AREA BE 8 FT. SQ. AND COMPLY W/ FBCR TABLE R503.1, R503.2.1.1(1) & R503.2.1.1(2).
- PROVIDE SOLID BLOCKING UNDER ALL POINT LOADS AND COLUMNS WITH 2x STRUCTURAL LUMBER SPF #2 OR BETTER.
- ALL SHEET METAL FRAMING CONNECTORS SHOWN SHALL BE "USP" OR EQUAL UNLESS NOTED OTHERWISE ON PLANS. INSTALL CONNECTIONS W/ THE SIZE AND NUMBER OF BOLTS/NAILS AS RECOMMENDED BY THE MANUFACTURER IN THE LATEST CATALOG.
- DRAFT STOP WILL BE PROVIDE IN ACCORDANCE W/ SECTION R302.12 OF THE FBCR.

FASTENERS - PRESSURE TREATED LUMBER

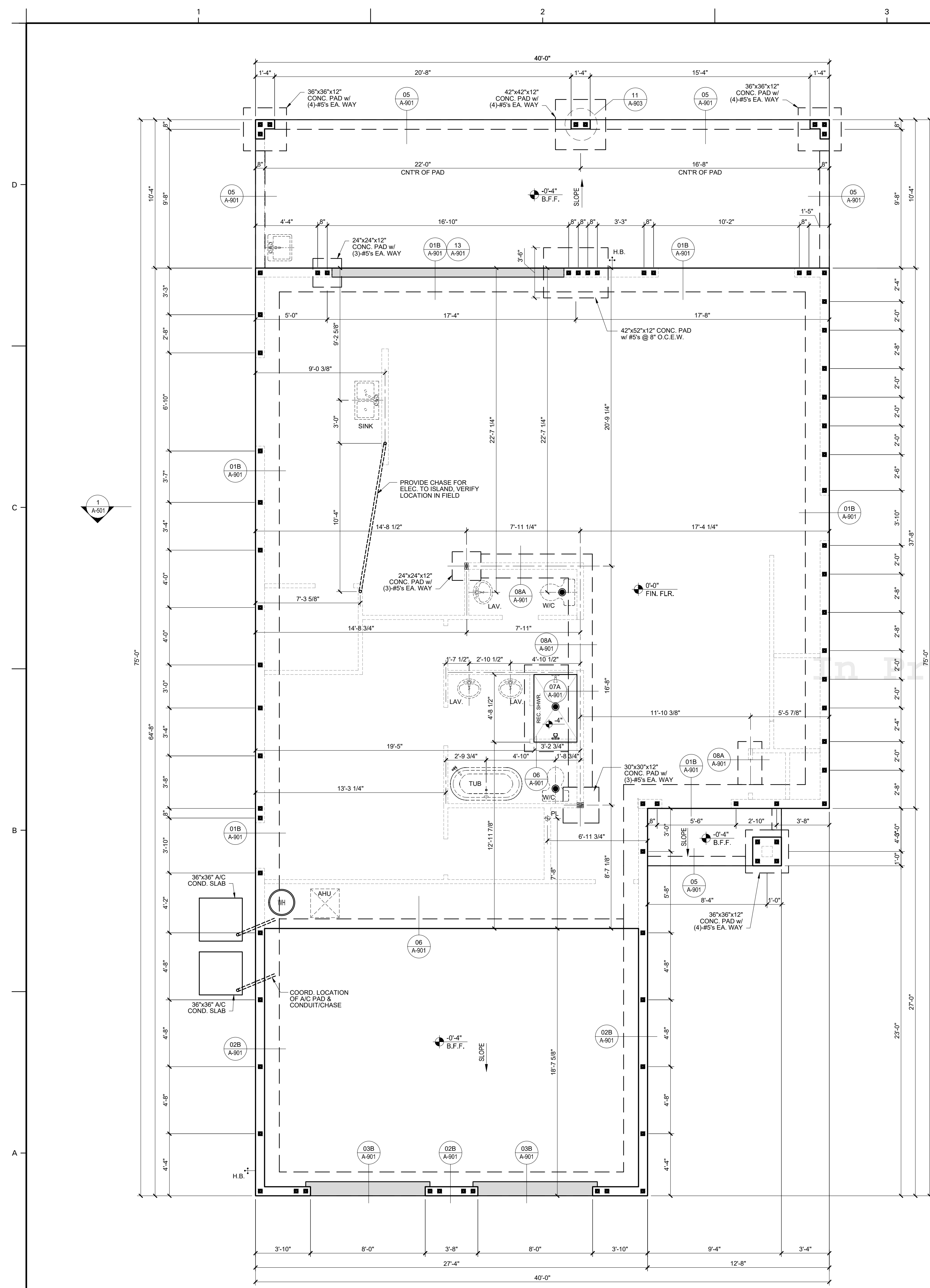
PRESERVATIVE	FASTENER TYPE
ACZA	STANDARD CARBON STEEL
SILL PLATE W/SODIUM BORATE (NOTE 1)	NOT RECOMMENDED. STAINLESS CONNECTORS AND FASTENERS REQUIRED.
ALL OTHER PT (INCLUDING ACO & MCO)	CONNECTORS MUST HAVE 2 MAX. G120 OR TRIPLE ZINC COATED FINISH. ALL FASTENERS MUST BE HOT DIPPED GALVANIZED.

- NOTES:
- SILL PLATES BEARING ON CONCRETE OVER VAPOR BARRIER ARE NOT DIRECTLY EXPOSED TO EARTH OR WEATHER AND SODIUM BORATE TREATMENTS HAVE BEEN PROVEN TO BE NON-CORROSIVE TO CARBON STEEL FASTENERS.

WOOD STRUCTURAL PANEL SHEATHING

TYPICAL EXTERIOR WALL SHEATHING	STUCCO AND DIRECTLY ADHERED STONE (NOTE 6)	MIN 15/32" 32/16 SPAN RATED OSB OR PLYWOOD INSTALLED VERTICALLY OR (7/16" 24/16 INSTALLED HORIZONTALLY) W/ 8d COMMON: 6" O.C. AT PANEL EDGES, 12" O.C. IN THE FIELD. 2x4 BLOCKING IS RECOMMENDED AT UNSUPPORTED PANEL EDGES. U.N.O. IN TYP. WALL SHEATHING & NAILING DETAIL.
ALL OTHER VENEER (NOTE 8)		MIN 7/16" 32/16 SPAN RATED OSB OR PLYWOOD INSTALLED VERTICAL OR HORIZONTAL W/ 8d COMMON: 6" O.C. EDGES AND FIELD (UNBLOCKED HORIZONTAL PANEL EDGES); 6" O.C. AT PANEL EDGES, 6" O.C. IN FIELD (BLOCKED HORIZONTAL PANEL EDGES). U.N.O. IN TYP. WALL SHEATHING & NAILING DETAIL.
ROOF DECK SHEATHING (NOTES 1 & 2)	TILE ROOF (NOTE 7)	MIN 19/32" 40/20 SPAN RATED PLYWOOD INSTALLED WITH LONG DIMENSION PERPENDICULAR TO SUPPORTS W/ RSRS-03 min. 4" O.C. AT PANEL EDGES AND 6" O.C. IN THE FIELD U.N.O. ON ROOF/ROOF FRAMING PLAN.
	SHINGLE AND METAL ROOF (NOTE 9)	MIN 19/32" 40/20 SPAN RATED OSB OR PLYWOOD INSTALLED WITH LONG DIMENSION PERPENDICULAR TO SUPPORTS W/ RSRS-03 6" O.C. AT PANEL EDGES, 6" O.C. IN THE FIELD. U.N.O. ON ROOF/ROOF FRAMING PLAN.
FLOOR DECK SHEATHING (NOTE 5)		23/32" T&G OSB OR PLYWOOD W/ 10d COMMON: 6" O.C. AT PANEL EDGES, 12" O.C. IN THE FIELD.
PORCH CEILING BOARD SHEATHING		MIN 3/8" OSB OR PLYWOOD OR CDX INSTALLED PERPENDICULAR TO SUPPORTS W/ 8d COMMON: 3" O.C. AT PANEL EDGES, 12" O.C. IN THE FIELD OR MIN 1/2" EXTERIOR GYPSUM CEILING BOARD, FASTEN W/ 5d x 1 5/8" COOLER NAIL OR NO 6 x 1 1/4" LONG SCREWS @ 4" O.C. EDGES, 8" O.C. FIELD.
"SW" DESIGNATED SHEAR WALLS (NOTE 8)		MIN 7/16" OSB OR PLYWOOD INSTALLED VERTICAL OR HORIZONTAL W/ 8d COMMON: 3" O.C. AT PANEL EDGES, 6" O.C. IN THE FIELD (UNBLOCKED HORIZONTAL PANEL EDGES), 12" O.C. IN FIELD (BLOCKED HORIZONTAL PANEL EDGES).

- NOTES:
- FOR SHEATHING THICKNESS GREATER THAN 15/32" CATEGORY, USE RSRS-03 NAILS.
 - COMMON NAILS IN WALL SHEATHING MAY BE SUBSTITUTED W/ 8d GALVANIZED BOX NAILS.
 - ZIP WALL SHEATHING IS AN ACCEPTABLE ALTERNATE FOR APA RATED WOOD STRUCTURAL PANEL.
 - ALL WOOD STRUCTURAL PANEL SHALL CONFORM TO THE MOST CURRENT APPLICABLE SPECIFICATION AND SUPPLEMENTS OF CURRENT APPROVED APA MANT. SPECIFICATIONS.
 - FLOOR FASTENERS ARE MINIMUM REQUIRED FOR DIAP HRAGM DESIGN. FOR INCREASED FLOOR PERFORMANCE AND TO HELP REDUCE SQUE



FOUNDATION NOTES:

1. REFER TO "CONCRETE AND FOUNDATION" NOTES ON SHEET A-002 FOR ADDITIONAL INFORMATION.
2. REFER TO SHEET A-901 FOR ADDITIONAL DETAILS.
3. IF CONTRACTOR OR BUILDING OFFICIAL DETERMINES THAT THE SOIL IS NOT SUITABLE FOR 2,000 psf BEARING CAPACITY, CONTACT ARCHITECT OR ENGINEER OF RECORD PRIOR TO CONSTRUCTION. ADDITIONAL FOUNDATION WORK MAY BE REQUIRED.
4. ■ DENOTES FILLED CELL w/ 3,000 PSI GROUT & (1)-#5 GRADE 40 REINFORCEMENT BAR UNLESS NOTED OTHERWISE
5. SLIDING GLASS DOOR FRAMES MUST BE RECESSED INTO THE SLAB IN ACCORDANCE WITH THE FLORIDA BUILDING CODE. CONSULT ARCHITECTURAL PLANS FOR LOCATION OF SLIDING GLASS DOORS.
6. THE GENERAL CONTRACTOR MUST TAKE MEASURES TO CONTROL SOIL EROSION AS PER ALL LOCAL AND STATE REQUIREMENTS.
7. CONTRACTOR TO CONFIRM SHOWER, TUB & TOILET DRAIN DIMENSIONING W/ BUILDER SPECS PRIOR TO LOCATING.



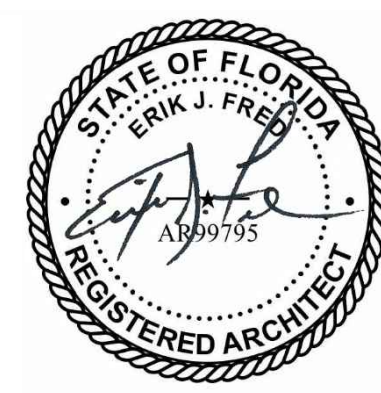
CONTROL:

PLAN NUMBER:	3190G
PLAN NAME:	MILOS
SERIES:	
VERSION:	1.0

REVISIONS:

MARK	DATE	DESCRIPTION

DESIGN PROFESSIONAL OF RECORD:
ERIK J. FRED, AIA
 156 DELAFIELD LN.,
 NEWBURGH, NY 12550



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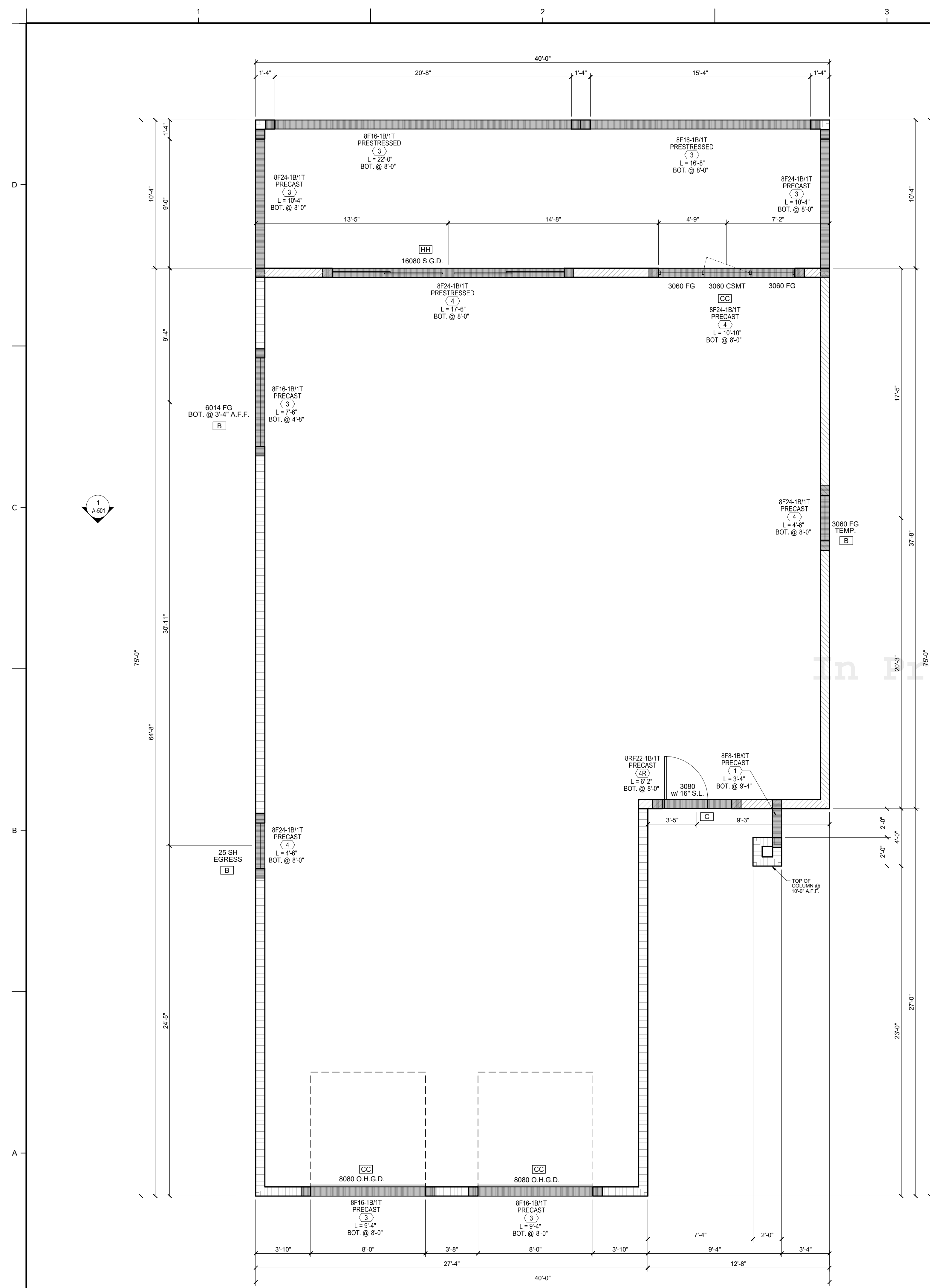
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PROJECT NUMBER: ---
 ISSUE DATE: 04.18.22
 DRAWN BY: TS
 CHECKED BY: JG

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SHEET TITLE:
FOUNDATION PLAN

SHEET NUMBER:
A-050C



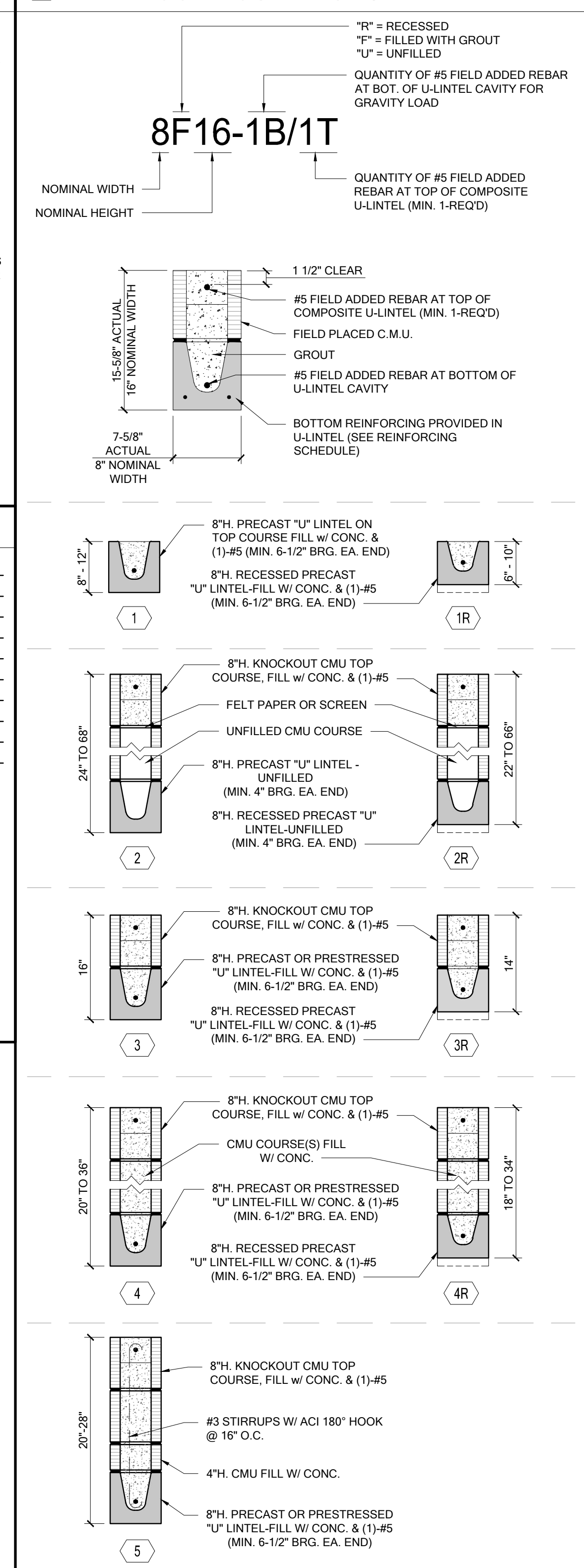
LINTEL PLAN NOTES:

- ALL LINTEL ELEVATIONS, EXCEPT OVER GARAGE DOORS, ARE DIMENSIONED FROM LEVEL ONE SLAB TO BEARING OF LINTEL.
- GARAGE DOOR LINTELS ARE DIMENSIONED FROM TOP OF SLAB RECESS @ DOOR OPENING.
- ALL DIMENSIONS ARE NOMINAL, CLEAR TO UNDERSIDE OF LINTEL.
- SHORE FILLED LINTELS AS REQUIRED.
- PROVIDE FULL MORTAR HEAD AND BED JOINTS.
- CAST-IN-PLACE CONCRETE MAY BE PROVIDED IN COMPOSITE LINTEL IN LIEU OF CONCRETE MASONRY UNITS.
- APPROVED LINTEL MANUFACTURERS: CAST-CRETE, QUALITY OR LOTTS.
- ALL LINTELS MEET OR EXCEED L/360 VERTICAL DEFLECTION, EXCEPT LINTELS 17'-4" AND LONGER WITH A NOMINAL HEIGHT OF 8" MEET OR EXCEED L/180.
- PRECAST LINTELS $f_c = 3,500$ psi
- PRESTRESSED LINTELS $f_c = 6,000$ psi
- GROUT PER ASTM C476 $f_g = 3,000$ psi w/ MAXIMUM 3/8" AGGREGATE & 8"-11" SLUMP.
- THE EXTERIOR SURFACE OF LINTELS INSTALLED IN EXTERIOR CONCRETE MASONRY WALLS SHALL HAVE A COATING OF STUCCO APPLIED IN ACCORDANCE WITH ASTM C-926 OR OTHER APPROVED COATING.
- LINTELS INSTALLED WITH GREATER DEPTHS THAN THEN MINIMUMS SPECIFIED ON PLAN IS ALLOWED, AS THIS INCREASES THE CAPACITIES OF THE LINTELS AND THEREFORE DOES REQUIRE A LETTER FROM THE A.O.R. OR E.O.R..
- IF A LINTEL IS INSTALLED AT A SIZE SMALLER THEN WHAT IS SPECIFIED ON PLAN, CONTACT THE A.O.R. OR E.O.R. FOR APPROVAL OR REMEDIATION.

LINTEL SCHEDULE:

QTY.	CONFIG.	SECTION	LENGTH	TYPE
1	8F16-1B/1T	3	7'-6"	PRECAST
1	8F16-1B/1T	3	22'-0"	PRESTRESSED
1	8F16-1B/1T	3	16'-8"	PRESTRESSED
2	8F16-1B/1T	3	9'-4"	PRECAST
1	8F24-1B/1T	4	10'-10"	PRECAST
2	8F24-1B/1T	4	4'-6"	PRECAST
1	8F24-1B/1T	4	17'-6"	PRESTRESSED
1	8F8-1B/0T	1	3'-4"	PRECAST
1	8RF22-1B/1T	4R	6'-2"	PRECAST

LINTEL CONFIGURATIONS



CONTROL:
 PLAN NUMBER: 3190G
 PLAN NAME: MILOS
 SERIES:
 VERSION: 1.0

REVISIONS:

MARK	DATE	DESCRIPTION

DESIGN PROFESSIONAL OF RECORD:
ERIK J. FRED, AIA
 156 DELAFIELD LN.
 NEWBURGH, NY 12550

PROFESSIONAL SEAL:



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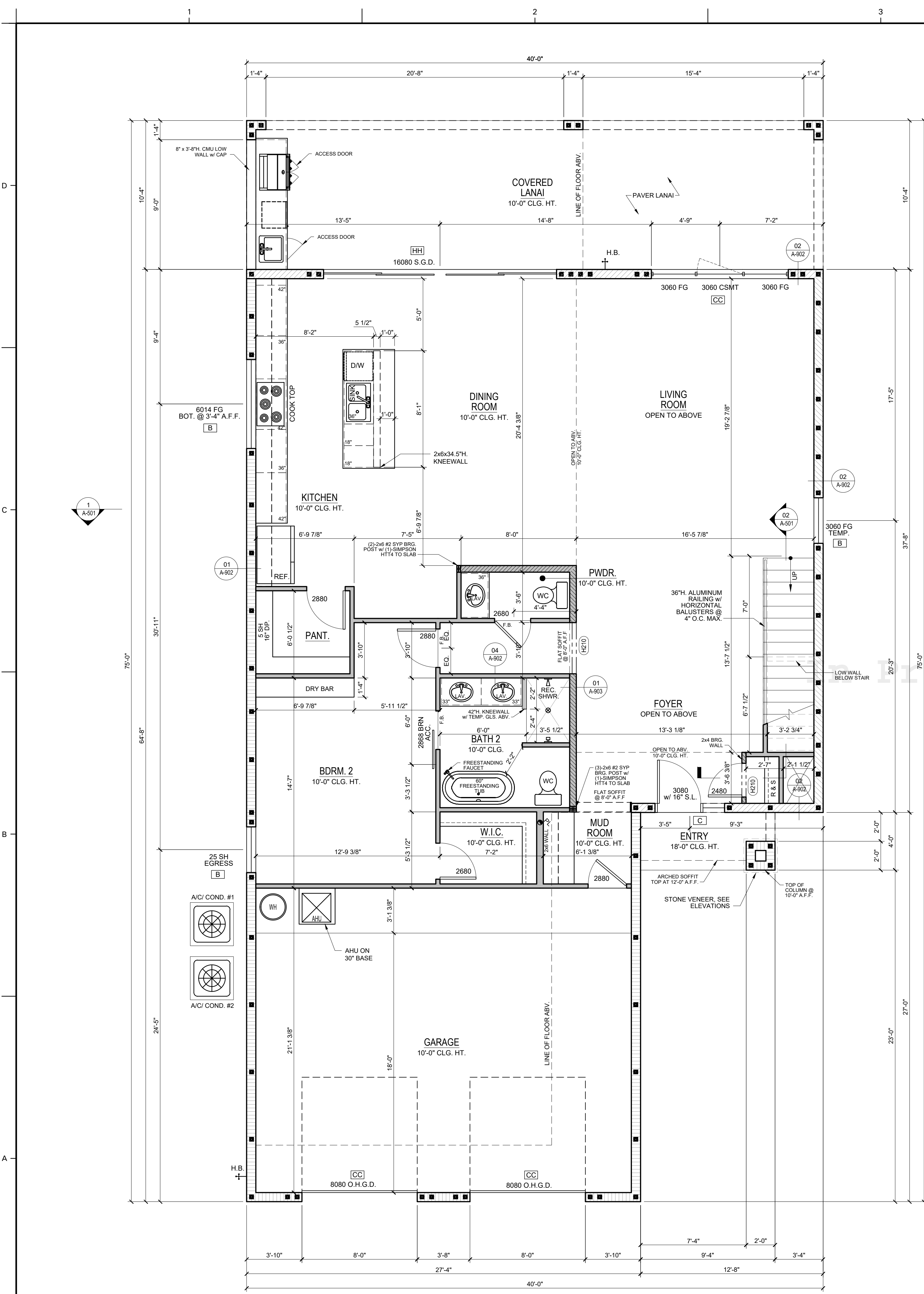
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SHEET TITLE:
MASONRY PLAN

SHEET NUMBER:
A-051C



WINDOW SCHEDULE:

QUANTITY	LABEL	ROUGH OPENING (WxH) (INCHES)	TYPE
:FRAME			
1	3060 CM		CASEMENT
3	2040 FG	23-7/8 x 47-7/8	FIXED GLASS
4	3050 FG	36-1/8 x 60-1/8	FIXED GLASS
2	3060 FG		FIXED GLASS
1	4014 FG		FIXED GLASS
1	3050 SH	36-1/8 x 60-1/8	SINGLE HUNG
:MASONRY			
1	3060 CSMT		CASEMENT
3	3060 FG		FIXED GLASS
1	6014 FG		FIXED GLASS
1	25 SH	37-3/4 x 63	SINGLE HUNG

DOOR SCHEDULE:

QTY.	LABEL	SWING	TYPE	NOTES
:FRAME				
1	2868 BRN	RIGHT	BARN	
1	(2)-2480	NA	DOUBLE HINGED	
1	2468	LEFT	SINGLE HINGED	
1	2480	LEFT	SINGLE HINGED	
4	2680	RIGHT	SINGLE HINGED	
4	2880	LEFT	SINGLE HINGED	
5	2880	RIGHT	SINGLE HINGED	
1	2880	RIGHT	SINGLE HINGED	SOLID CORE / 1-HR.
:MASONRY				
2	8080 O.H.G.D.	NA	OVER HEAD DOOR	
1	3080	LEFT	SINGLE HINGED	SOLID CORE / 1-HR.
1	16080 S.G.D.	LEFT	SLIDING GLASS DOOR	
1	9080 S.G.D.	RIGHT	SLIDING GLASS DOOR	

FLOOR PLAN NOTES:

- ALL WALLS ARE DRAWN & DIMENSIONED AS FOLLOWS, U.N.O. ON PLAN:
 - 1.1. CMU = 7-5/8"
 - 1.2. EXTERIOR 2x4 (w/ SHEATHING) = 4"
 - 1.3. EXTERIOR 2x6 (w/ SHEATHING) = 6"
 - 1.4. EXTERIOR 2x8 (w/ SHEATHING) = 8"
 - 1.5. INTERIOR 2x4 = 3-1/2"
 - 1.6. INTERIOR 2x8 = 5-1/2"
 - 1.7. INTERIOR 2x8 = 7-1/4"
- ALL EXTERIOR WALLS, LESS OPENINGS, ARE TO BE CONSIDERED SHEAR WALLS AND ARE PART OF THE BUILDING'S MAIN WIND FORCE RESISTING SYSTEM.
- PROVIDE 24" W. WALL CAVITY, VOID OF STUDS, BEHIND WASHER FOR PLUMBING BOX AND STACK.
- PROVIDE 12" W. WALL CAVITY, VOID OF STUDS, AT SHOWER CONTROL VALVE LOCATION.
- PROVIDE TEMPERED GLASS AT HAZARDOUS LOCATIONS AS DEFINED IN THE FLORIDA BUILDING CODE.
- VENT DRYER TO OUTSIDE THROUGH ATTIC OR WALL, VENTILATION TO ATTIC SPACE AND SOFFITS IS NOT ACCEPTABLE.
- ALL ELECTRICAL AND MECHANICAL EQUIPMENT, METER LOCATIONS, ETC. SHALL BE CONFIRMED BY MECH. AND ELEC. CONTRACTORS. CONTRACTORS SHALL COORDINATE WITH BUILDER PRIOR TO RELOCATION OF EQUIPMENT AND METERS.
- BATH-TUB/SHOWER GLASS ENCLOSURES IF USED TO BE TEMPERED GLASS.
- IN H/HZ AREAS PROVIDE HURRICANE SHUTTERS AS PER F.B.C. SECTION 2413 UNLESS THE EXTERIOR WALL COMPONENTS OF THE ENCLOSED BUILDING HAS SPECIFIC PRODUCT APPROVAL TO PRESERVE THE ENCLOSED BUILDING ENVELOPE AGAINST IMPACT LOADS AS SET FORTH IN CHAPTER 16.
- UNDER STAIR PROTECTION: ENCLOSED ACCESSIBLE SPACE UNDER STAIRS SHALL HAVE WALLS, UNDER STAIR SURFACE AND ANY SOFFITS PROTECTED ON THE ENCLOSED SIDE WITH 1/2 INCH GYPSUM BOARDS, F.B.C. 311.2.2.
- GARAGE STUD WALLS DO NOT ALIGN WITH GARAGE SLAB EDGE - REFER TO WALL SECTIONS FOR ADDITIONAL INFORMATION.
- "SW1" - 7/16" STRUCTURAL SHEATHING w/ 8d NAILS @ 4" O.C. IN FIELD & EDGES. SHEATHING APPLIED TO SIDE INDICATED ON PLAN

WALL LEGEND:

- TYP. 8" CMU WALL, TOP @ 10'-0" A.F.F., UNLESS NOTED OTHERWISE ON PLAN. REFER TO WALL SECTIONS FOR ADDITION INFORMATION.
- TYP. 8" CMU WALL, TOP @ 10'-0" A.F.F. w/ DOUBLE BOND BEAM, UNLESS NOTED OTHERWISE ON PLAN. REFER TO WALL SECTIONS FOR ADDITION INFORMATION.
- TYP. 2x4 #2 SYP POST @ 16" O.C. (24" O.C. MAX) TOP @ 10'-0" A.F.F., UNLESS NOTED OTHERWISE ON PLAN. REFER TO WALL SECTIONS FOR ADDITION INFORMATION.
- TYP. 2x6 #2 SYP @ 16" O.C. TOP @ 10'-0" A.F.F., UNLESS NOTED OTHERWISE ON PLAN. REFER TO WALL SECTION DETAILS FOR ADDITIONAL INFORMATION

OPENING PRESSURES

WIND SPEED (V _w): 140 MPH		EXPOSURE: C	
MARK	INTERIOR ZONE (psf)	MARK	END ZONE (psf)
A	+28.7 / -31.1	AA	+28.7 / -38.4
B	+27.3 / -29.8	BB	+27.3 / -35.8
C	+25.7 / -28.1	CC	+25.7 / -32.4
D	+24.4 / -26.8	DD	+24.4 / -29.8
H	+23.1 / -25.5	HH	+23.1 / -27.2

NOTE: WIND SPEED INDICATED ABOVE IS AN "ULTIMATE" WIND SPEED. THE WIND PRESSURES LISTED ABOVE ARE ALLOWABLE PRESSURES.

HEADER SCHEDULE:

MARK	HEADER SIZE	NOTES
H208	(2) 2x8 #2 S.Y.P. w/ 1/2" FLITCH PLATE	
H210	(2) 2x10 #2 S.Y.P. w/ 1/2" FLITCH PLATE	
H212	(2) 2x12 #2 S.Y.P. w/ 1/2" FLITCH PLATE	
L312	(3) 1-3/4"x11-7/8" LVL 2.0E, Fb=2600 PSI	

* VERIFY WITH PLAN CORRECT LENGTH OF HEADER REQUIRED.
** SEE PLAN FOR DETAIL CALL OUT FOR CONNECTIONS AND REQUIRED STUDS.

AREA TABULATION (S.F.)

1ST FLOOR LIVING	1650
2ND FLOOR LIVING	1553
LIVING TOTAL:	3203
ENTRY	37
GARAGE	595
COVERED LANAI	413
BALCONY	97
TOTAL AREA:	4345



BELLA COLLINA
 BLOCK: 78
 ADDRESS: 16009 VETTA DRIVE
 MONTVERDE, FLORIDA 34756

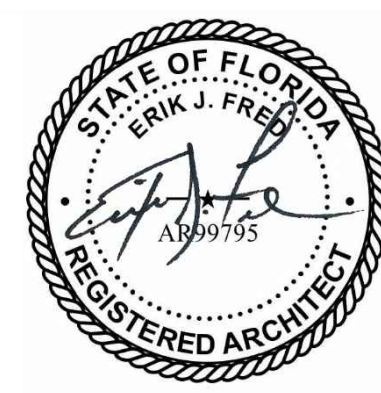
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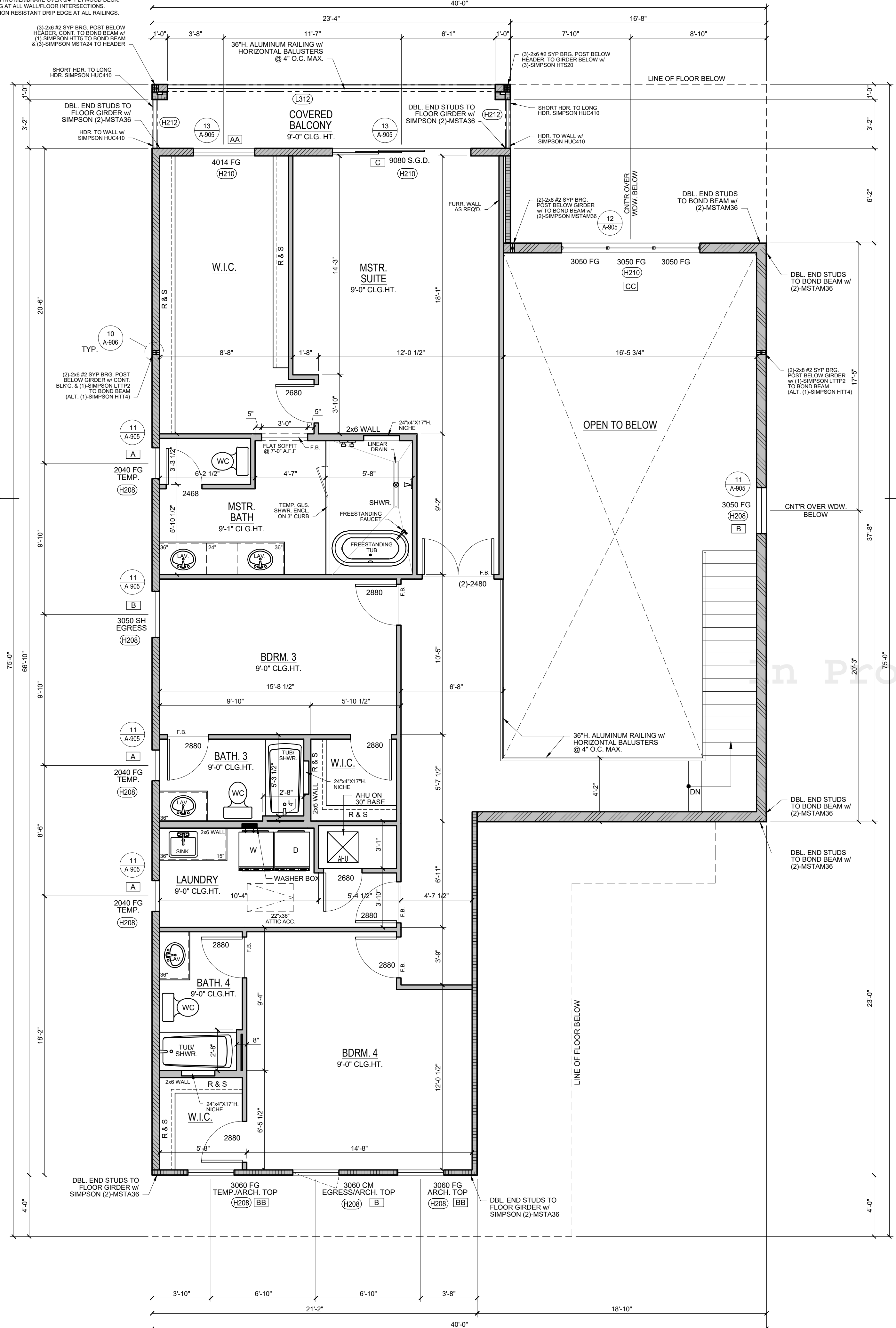
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SHEET TITLE:
1ST FLOOR - FLOOR PLAN

SHEET NUMBER:

A-101C

- BALCONY FLOOR MEMBRANE:
 - FL-DECK WATERPROOFING MEMBRANE OVER 3/4" PLYWOOD DECK
 - CONTINUOUS FLASHING AT ALL WALL/FLOOR INTERSECTIONS
 - CONTINUOUS CORROSION RESISTANT DRAIN EDGE AT ALL RAILINGS



WINDOW SCHEDULE:

QUANTITY	LABEL	ROUGH OPENING (WxH) (INCHES)	TYPE
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:MASONRY			
1	3060 CSMT		CASEMENT
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QTY.	LABEL	SWING	TYPE	NOTES
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1	2880	RIGHT	SINGLE HINGED	SOLID CORE / 1-HR.
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FLOOR PLAN NOTES:

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 2. EXTERIOR 2x4 (w/ SHEATHING) = 4"
 3. EXTERIOR 2x6 (w/ SHEATHING) = 6"
 4. EXTERIOR 2x8 (w/ SHEATHING) = 8"
 5. INTERIOR 2x4 = 3-1/2"
 6. INTERIOR 2x8 = 5-1/2"
 7. INTERIOR 2x8 = 7-1/4"
- ALL EXTERIOR WALLS, LESS OPENINGS, ARE TO BE CONSIDERED SHEAR WALLS AND ARE PART OF THE BUILDING'S MAIN WIND FORCE RESISTING SYSTEM.
- PROVIDE 24" W. WALL CAVITY, VOID OF STUDS, BEHIND WASHER FOR PLUMBING BOX AND STACK.
- PROVIDE 12" W. WALL CAVITY, VOID OF STUDS, AT SHOWER CONTROL VALVE LOCATION.
- PROVIDE TEMPERED GLASS AT HAZARDOUS LOCATIONS AS DEFINED IN THE FLORIDA BUILDING CODE.
- VENT DRYER TO OUTSIDE THROUGH ATTIC OR WALL, VENTILATION TO ATTIC SPACE AND SOFFITS IS NOT ACCEPTABLE.
- ALL ELECTRICAL AND MECHANICAL EQUIPMENT, METER LOCATIONS, ETC. SHALL BE CONFIRMED BY MECH. AND ELEC. CONTRACTORS. CONTRACTORS SHALL COORDINATE WITH BUILDER PRIOR TO RELOCATION OF EQUIPMENT AND METERS.
- BATH-TUB/SHOWER GLASS ENCLOSURES IF USED TO BE TEMPERED GLASS.
- IN HVHZ AREAS PROVIDE HURRICANE SHUTTERS AS PER F.B.C. SECTION 2413 UNLESS THE EXTERIOR WALL COMPONENTS OF THE ENCLOSED BUILDING HAS SPECIFIC PRODUCT APPROVAL TO PRESERVE THE ENCLOSED BUILDING ENVELOPE AGAINST IMPACT LOADS AS SET FORTH IN CHAPTER 16.
- UNDER STAIR PROTECTION: ENCLOSED ACCESSIBLE SPACE UNDER STAIRS SHALL HAVE WALLS, UNDER STAIR SURFACE AND ANY SOFFITS PROTECTED ON THE ENCLOSED SIDE WITH 1/2 INCH GYPSUM BOARDS, F.B.C. 311.2.2.
- GARAGE STUD WALLS DO NOT ALIGN WITH GARAGE SLAB EDGE - REFER TO WALL SECTIONS FOR ADDITIONAL INFORMATION.
- "SW1" - 7/16" STRUCTURAL SHEATHING w/ 8d NAILS @ 4" O.C. IN FIELD & EDGES. SHEATHING APPLIED TO SIDE INDICATED ON PLAN

WALL LEGEND:

- EXTERIOR 2x6 #2 SYP/SPF @ 16" O.C. MAX. TOP @ 9'-1 1/8" A.F.F. w/ #2 SYP BOTTOM & TOP PLATES, UNLESS NOTED OTHERWISE ON PLAN. REFER TO PARTY WALL SECTION FOR ADDITIONAL INFORMATION
- EXTERIOR 2x6 #2 SYP @ 16" O.C. MAX. w/ #2 SYP BOTTOM & TOP PLATES, FROM TOP OF BOND BEAM TO 2ND FLOOR PLATE HT. UNLESS NOTED OTHERWISE ON PLAN. REFER TO PARTY WALL SECTION FOR ADDITIONAL INFORMATION
- EXTERIOR 2x8 #2 SYP @ 16" O.C. MAX. w/ #2 SYP BOTTOM & TOP PLATES, FROM TOP OF BOND BEAM TO 2ND FLOOR PLATE HT. UNLESS NOTED OTHERWISE ON PLAN. REFER TO PARTY WALL SECTION FOR ADDITIONAL INFORMATION
- TYP. 2x4 #2 SPF @ 16" O.C. (24" O.C. MAX) TOP @ 9'-1 1/8" A.F.F. UNLESS NOTED OTHERWISE ON PLAN REFER TO WALL SECTION DETAILS FOR ADDITIONAL INFORMATION

OPENING PRESSURES

WIND SPEED (V _w):		140 MPH
EXPOSURE:		C
MARK	INTERIOR ZONE (psf)	END ZONE (psf)
A	+28.7 / -31.1	AA +28.7 / -38.4
B	+27.3 / -29.8	BB +27.3 / -35.8
C	+25.7 / -28.1	CC +25.7 / -32.4
D	+24.4 / -26.8	DD +24.4 / -29.8
H	+23.1 / -25.5	HH +23.1 / -27.2

NOTE: WIND SPEED INDICATED ABOVE IS AN "ULTIMATE" WIND SPEED. THE WIND PRESSURES LISTED ABOVE ARE ALLOWABLE PRESSURES.

HEADER SCHEDULE:

MARK	HEADER SIZE	NOTES
H208	(2) 2x8 #2 S.Y.P. w/ 1/2" FLITCH PLATE	
H210	(2) 2x10 #2 S.Y.P. w/ 1/2" FLITCH PLATE	
H212	(2) 2x12 #2 S.Y.P. w/ 1/2" FLITCH PLATE	
L312	(3) 1-3/4"x11-7/8" LVL 2.0E, Fb=2600 PSI	

- * VERIFY WITH PLAN CORRECT LENGTH OF HEADER REQUIRED.
- ** SEE PLAN FOR DETAIL CALL OUT FOR CONNECTIONS AND REQUIRED STUDS.

AREA TABULATION (S.F.)

1ST FLOOR LIVING	1650
2ND FLOOR LIVING	1553
LIVING TOTAL:	
	3203
ENTRY	37
GARAGE	595
COVERED LANAI	413
BALCONY	97
TOTAL AREA:	
	4345



CONTROL:
 PLAN NUMBER: 3190G
 PLAN NAME: MILOS
 SERIES:
 VERSION: 1.0

REVISIONS:

MARK	DATE	DESCRIPTION
DESIGN PROFESSIONAL OF RECORD:		
ERIK J. FRED, AIA		
156 DELAFIELD LN., NEWBURGH, NY 12550		
PROFESSIONAL SEAL:		



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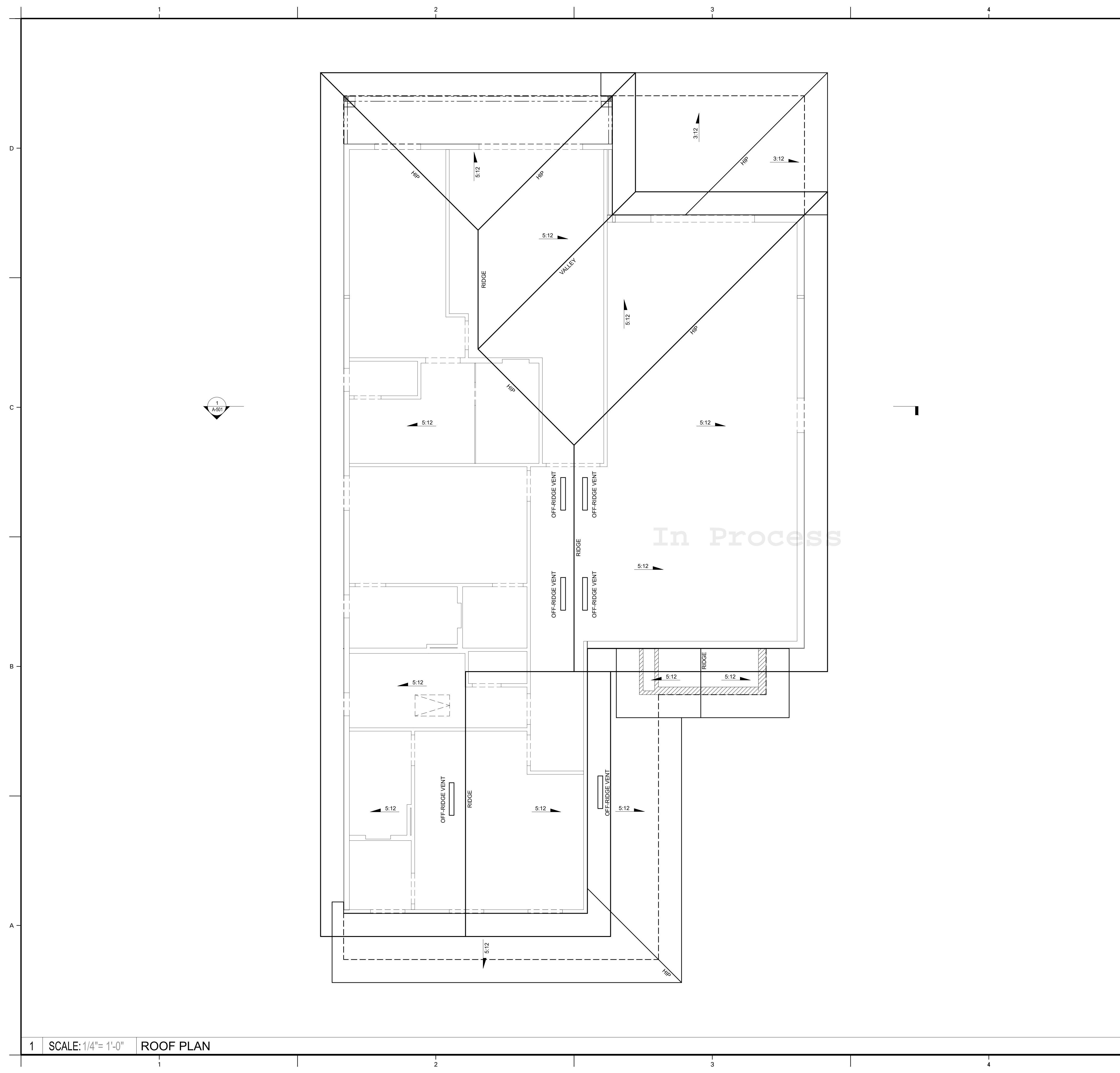
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SHEET TITLE:
2ND FLOOR - FLOOR PLAN

SHEET NUMBER:

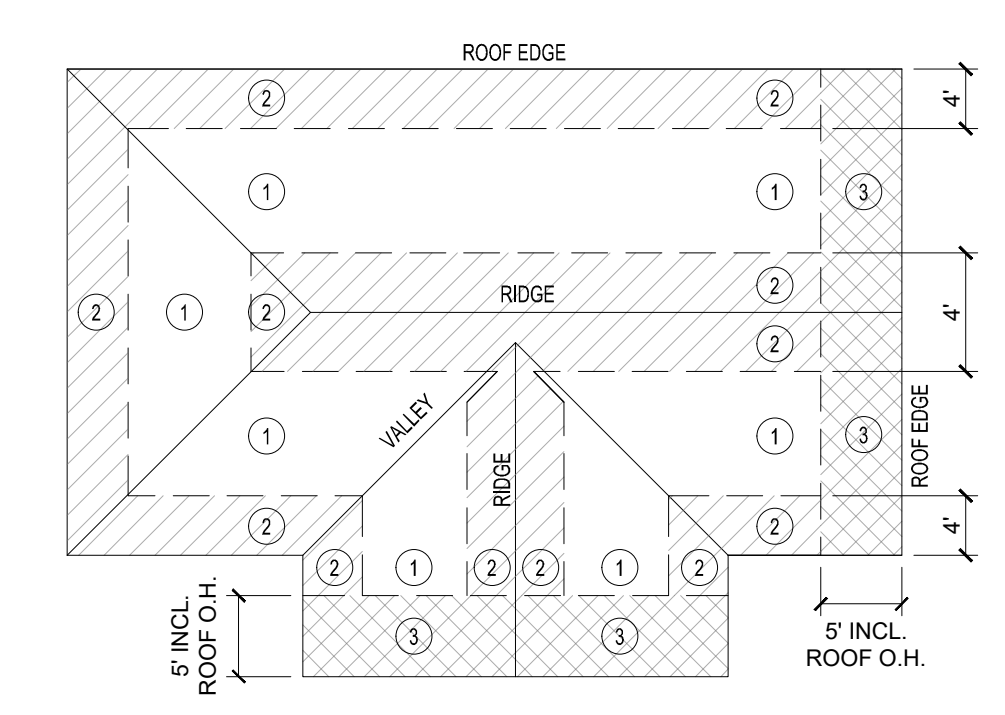
A-102C



ROOF PLAN NOTES:

1. ALL OVERHANGS SHALL BE 12" U.N.O.
2. REFER TO "WOOD STRUCTURAL PANEL SHEATHING" ON SHEET "A-002" FOR ROOF SHEATHING REQUIREMENTS.
3. SHEATHING JOINTS SHALL BE STAGGERED AND ALL JOINTS SUPPORTED WITH CLIPS AT 12" O.C. OR CONTINUOUS SOLID 2x BLOCKING.
4. OFF-RIDGE VENTS MUST BE LOCATED WITHIN 3'-0" VERTICALLY FROM RIDGE OR HIGH POINT OF ROOF.
5. VENT LOCATIONS SHOWN ARE APPROXIMATE, ACTUAL LOCATIONS TO BE COORDINATED IN-FIELD.

ROOF NAILING DIAGRAM (SHINGLE):



- NOTES:
1. LONG SIDE OF SHEATHING TO BE PERPENDICULAR TO TRUSSES OR RAFTERS TYPICAL.
 4. ALL WOOD STRUCTURAL PANEL SHALL CONFORM TO THE MOST CURRENT APPLICABLE SPECIFICATION AND SUPPLEMENTS OF CURRENT APPROVED APA MANF. SPECIFICATIONS.
 5. SHEATHING SHALL NOT EXCEED 19% MOISTURE CONTENT WHEN INSTALLED.
 6. ROOF IS DESIGNED AS AN UNBLOCKED DIAPHRAGM. BLOCKING OF ALL PANEL EDGES (INCLUDING RIDGE) IS NOT REQUIRED. HIPs & VALLEYS ARE BLOCKED PER SPAN REA

ROOF SHEATHING FASTENING SCHEDULE

SHEATHING	ZONE	NAILS	PANEL EDGES (O.C.)	FIELD (O.C.)
19/32" 40/20 SPAN RATED STRUCTURAL SHEATHING	1	RSRS-01 (2-3/8" x 0.113")	6"	6"
	2	RSRS-01 (2-3/8" x 0.113")	6"	6"
	3	RSRS-01 (2-3/8" x 0.113")	4"	4"

ATTIC VENTILATION:

1. ATTIC VENTILATION TO BE IN COMPLIANCE WITH THE FLORIDA BUILDING CODE, RESIDENTIAL (FBCR), 7TH EDITION (2020)
2. THE MINIMUM NET FREE VENTILATING AREA SHALL BE 1/150 OF THE AREA OF THE VENTED SPACE. THE VENTILATING AREA MAY BE REDUCED TO 1/300 PROVIDED THAT AT LEAST 40% BUT NO MORE THAN 50% OF THE REQUIRED VENTILATION IS PROVIDED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED. UPPER VENTILATORS SHALL BE LOCATED NO MORE THAN 3 FEET (MEASURED VERTICALLY) BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE, WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS.
3. CALCULATIONS BASED ON THE FOLLOWING VALUES (SEE ROOF PLAN):
(VALUES TO BE VERIFIED WITH MANUFACTURER SPECIFICATIONS)
 RIDGE VENTS - 15 SQ. IN. OF NET FREE AREA / LINEAR FT.
 OFF-RIDGE VENTS - 138 SQ. IN. OF NET FREE AREA / UNIT
 SOFFIT VENTS - 7 SQ. IN. OF NET FREE AREA / SQ. FT.

		LEVEL 1	LEVEL 2	
ATTIC VENTILATION REQUIRED	ATTIC SPACE	252	2335	
	1/150 RULE (NO UPPER VENTILATION REQ.)	VENTILATION REQUIRED (SQ. IN.)	242	2242
		VENTED SOFFIT NEEDED (SQ. FT.)	35	320
	1/300 RULE (MUST PROVIDE UPPER VENTILATORS)	VENTILATION REQUIRED (SQ. IN.)	121	1121
		VENTED SOFFIT NEEDED (SQ. FT.)	9	80
		VENTILATION REQUIRED BY UPPER VENTILATORS (SQ. IN.)	60	560
UPPER VENTILATION REQUIRED	RIDGE VENT AMOUNT (FT.)	0	0	
	VENTILATION (SQ. IN.)	0.0	0.0	
	OFF-RIDGE AMOUNT (#)	1.0	5.0	
	VENTILATION (SQ. IN.)	138.0	690.0	
	TOTAL VENTILATION PROVIDED BY UPPER VENTILATORS (SQ. IN.)	138.0	690.0	



DAVILA HOMES
CONSTRUCTION

4271 LB. MCLEOD ROAD, SUITE 101
HERWADO, FL 34442
T: 407.287.7195 | www.DavilaHomes.com

BELLA COLLINA
COMMUNITY:
BLOCK: 78
LOT: 78
ADDRESS: 16009 VETTA DRIVE
MONTVERDE, FLORIDA 34756

CONTROL:

PLAN NUMBER: 3190G
PLAN NAME: MILOS
SERIES:
VERSION: 1.0

REVISIONS:

MARK	DATE	DESCRIPTION

DESIGN PROFESSIONAL OF RECORD:
ERIK J. FRED, AIA
156 DELAFIELD LN.,
NEWBURGH, NY 12550



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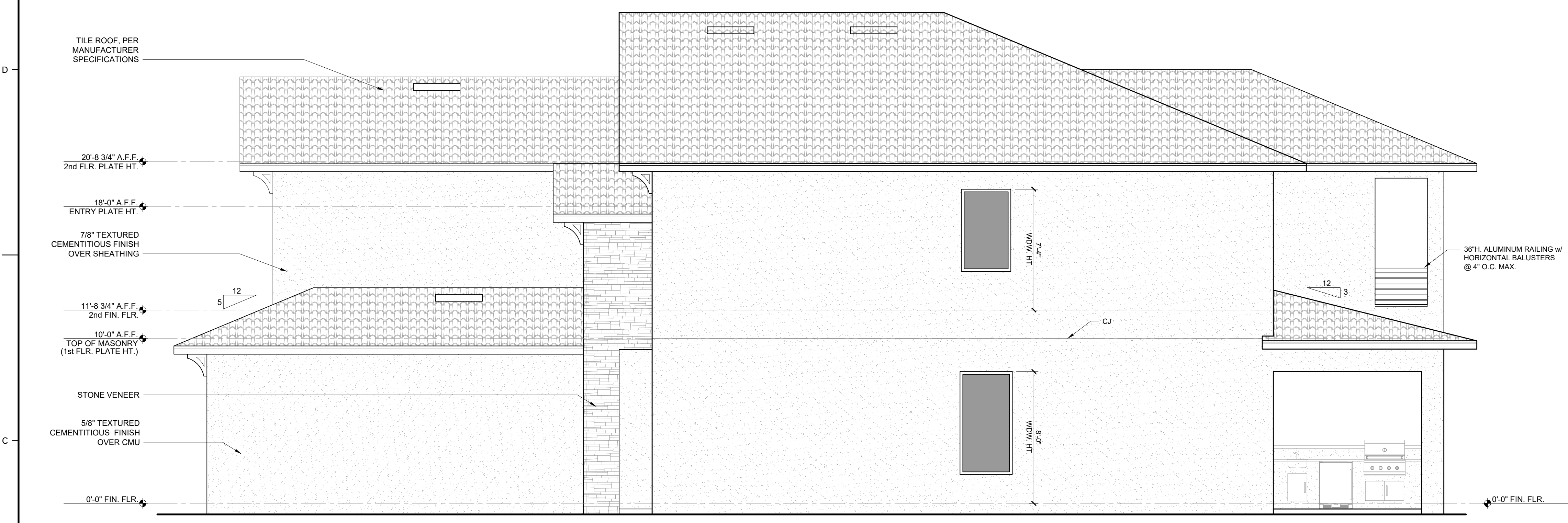
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SHEET TITLE:
ROOF PLAN

SHEET NUMBER:
A-301C

ELEVATION NOTES:

1. UNLESS NOTED OTHERWISE, OVERHANGS ARE TO BE 1'-0".
2. ROOF PITCH PER ELEVATIONS.
3. WHEN PLASTERING WITH CEMENT, PLASTER SHALL NOT BE LESS THAN THREE COATS, 7/8" THICK, OVER FRAMED WALLS APPLIED OVER PAPER BACKED METAL LATH OR WIRE FABRIC LATH AND WITH TWO LAYERS OF VAPOR BARRIER, NOT LESS THAN THREE COATS, 5/8" THICK, WHERE APPLIED OVER MASONRY OR CONCRETE.
4. STUCCO OR PORTLAND CEMENT PLASTER SHALL BE PROPORTIONED AND MIXED IN ACCORDANCE WITH ASTM-C928
5. MASONRY VENEER SHALL COMPLY WITH SECTION R703.7.3 OF THE RESIDENTIAL EDITION OF THE FLORIDA BUILDING CODE IF APPLICABLE.
6. CLEARANCE BETWEEN EXTERIOR WALL COVERINGS AND FINAL EARTH GRADE ON THE EXTERIOR OF A BUILDING SHALL NOT BE LESS THAN 6" PER SECTION R704 OF THE FLORIDA BUILDING CODE, INSPECTION FOR TERMITES.
7. APPROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED SHINGLE-FASHION, IN A MANNER TO PREVENT ENTRY OF WATER INTO WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS. FLASHING SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS:
 - 7.1. EXTERIOR WINDOW & DOOR OPENINGS
 - 7.2. INTERSECTION OF CHIMNEYS OR OTHER MASONRY INTERSECTIONS w/ FRAME WALLS
 - 7.3. UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILLS
 - 7.4. CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM
 - 7.5. WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF WOOD FRAME CONSTRUCTION
 - 7.6. AT WALL AND ROOF INTERSECTIONS
 - 7.7. AT BUILT-IN GUTTERS



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Revision: # 1

2 SCALE: 1/4" = 1'-0" RIGHT SIDE ELEVATION

In Process

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 CONSTRUCTION
 4271 LB WILSON ROAD, SUITE 101
 T: 407.887.7161 | www.DavilaHomes.com

BELLA COLLINA
 COMMUNITY:
 BLOCK: 78
 LOT: 78
 ADDRESS: 16009 VETTA DRIVE
 MONTVERDE, FLORIDA 34756

CONTROL:

PLAN NUMBER:	3190G
PLAN NAME:	MILOS
SERIES:	
VERSION:	1.0

REVISIONS:

MARK	DATE	REVISION 1	DESCRIPTION
△	09.08.22	REVISION 1	

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 156 DELAFIELD LN.,
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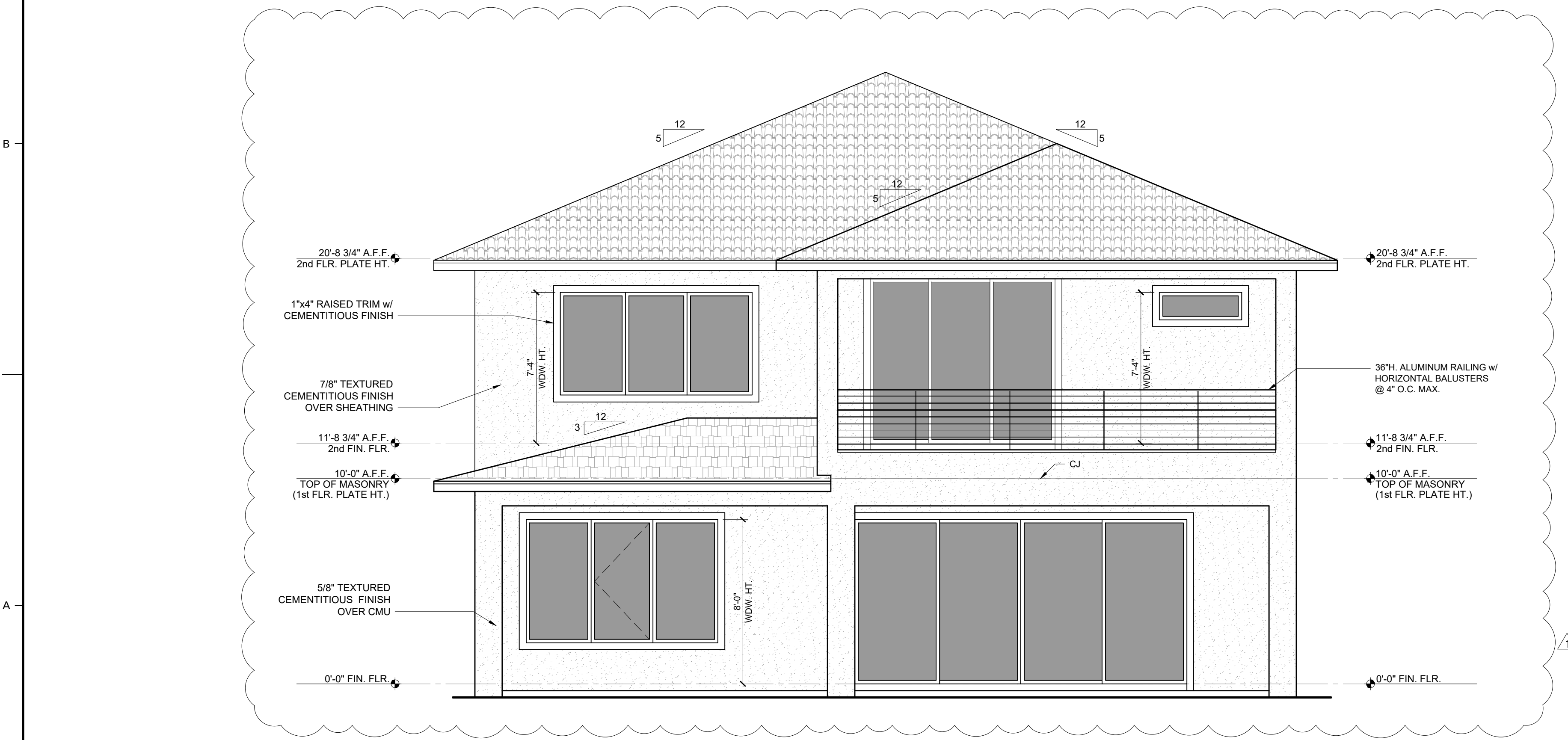
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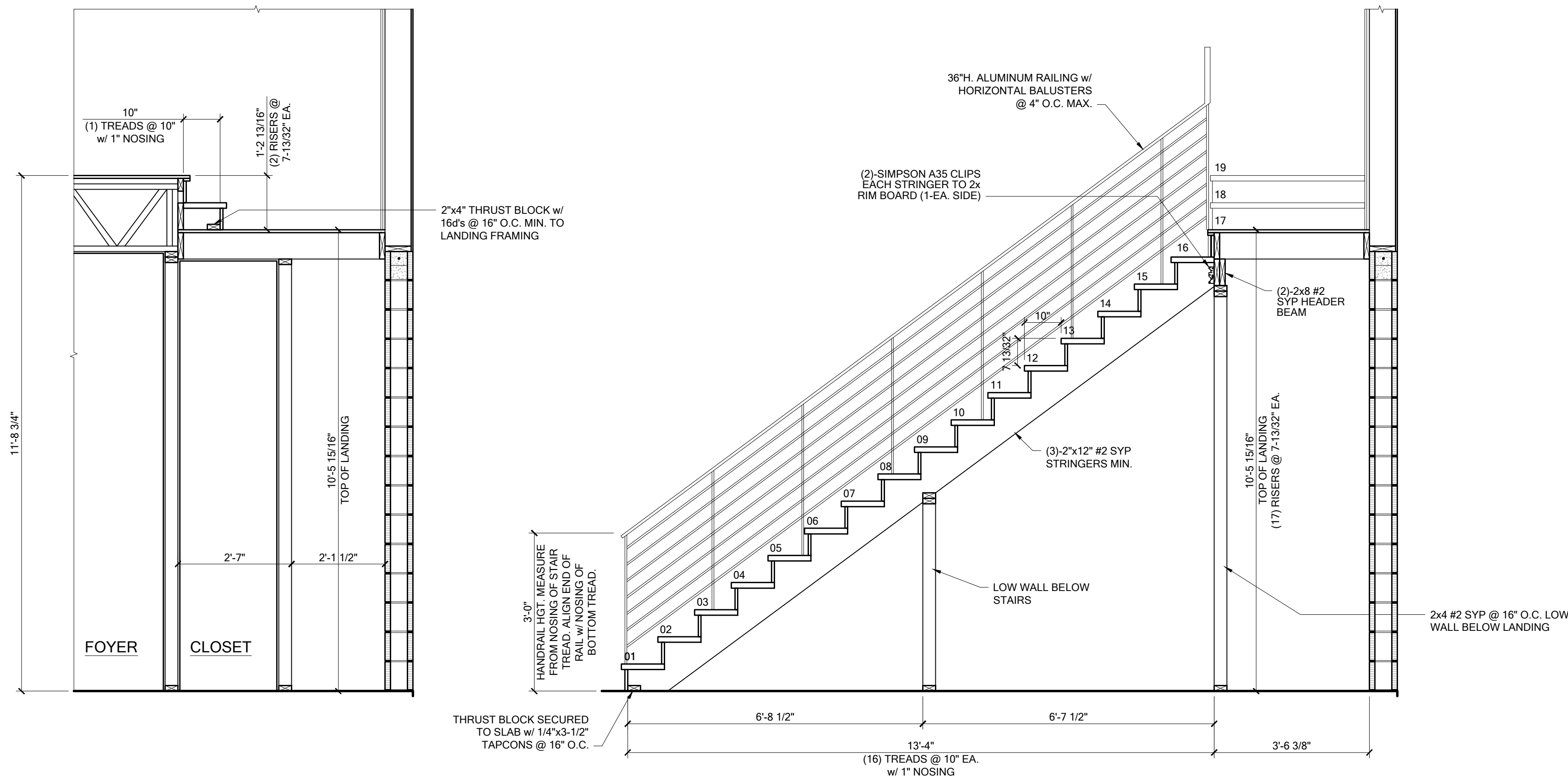
SHEET TITLE:
ELEVATIONS

SHEET NUMBER:
A-402C

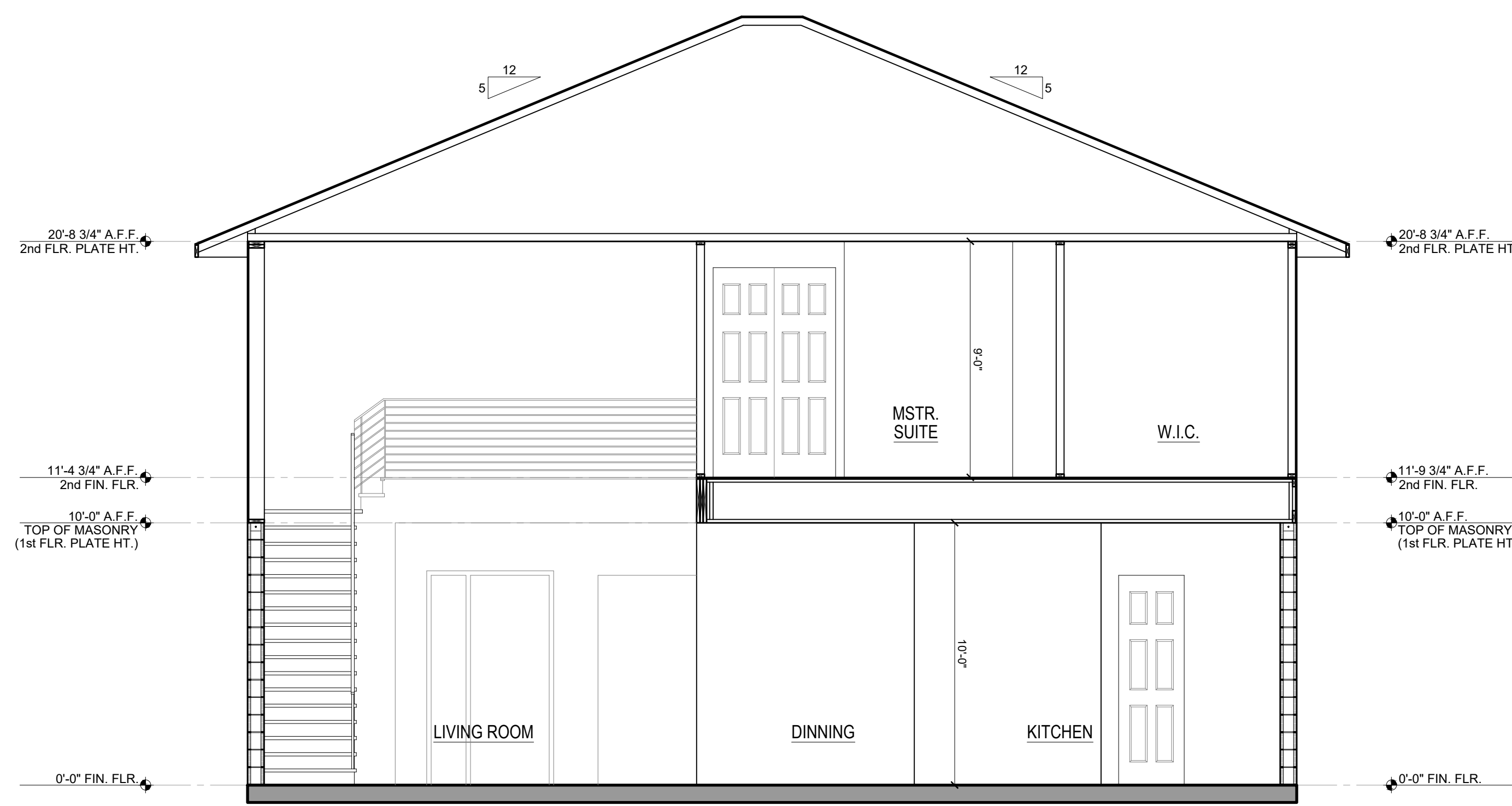


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Revision: # 1

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



2 SCALE: 1/2" = 1'-0" STAIR SECTION



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

STAIR NOTES:

STAIRWAY CONSTRUCTION SHALL CONFORM TO THE FLORIDA BUILDING CODE, RESIDENTIAL (FBCR), 7TH EDITION (2020), SECTIONS R311.7, R312 & R302.7.

RISER HEIGHT:
THE RISER HEIGHT SHALL BE NOT MORE THAN 7-3/4 INCHES. THE RISER SHALL BE MEASURED VERTICALLY BETWEEN LEADING EDGES OF THE ADJACENT TREADS. THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH.

TREAD HEIGHT:
THE TREAD DEPTH SHALL BE NOT LESS THAN 10 INCHES. THE TREAD DEPTH SHALL BE MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES OF THE FOREMOST PROJECTION OF ADJACENT TREADS AT A RIGHT ANGLE TO THE TREAD'S LEADING EDGE. THE GREATEST TREAD DEPTH WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH.

WINDERS:
WINDER TREADS SHALL HAVE A TREAD DEPTH OF NOT LESS THAN 10 INCHES MEASURED BETWEEN THE VERTICAL PLANES OF THE FOREMOST PROJECTION OF ADJACENT TREADS AT THE INTERSECTIONS WITH THE WALKLINE. WINDER TREADS SHALL HAVE A TREAD DEPTH OF NOT LESS THAN 6 INCHES AT ANY POINT WITHIN THE CLEAR WIDTH OF THE STAIR.

NOSINGS:
THE RADIUS OF CURVATURE AT THE NOSING SHALL BE NOT GREATER THAN 9/16 INCH. A NOSING PROJECTION NOT LESS THAN 3/4 INCH AND NOT MORE THAN 1-1/4 INCHES SHALL BE PROVIDED ON STAIRWAYS WITH SOLID RISERS. THE GREATEST NOSING PROJECTION SHALL NOT EXCEED THE SMALLEST NOSING PROJECTION BY MORE THAN 3/8 INCH BETWEEN TWO STORIES, INCLUDING THE NOSING AT THE LEVEL OF FLOORS AND LANDINGS. BEVELING OF NOSINGS SHALL NOT EXCEED 1/2 INCH.

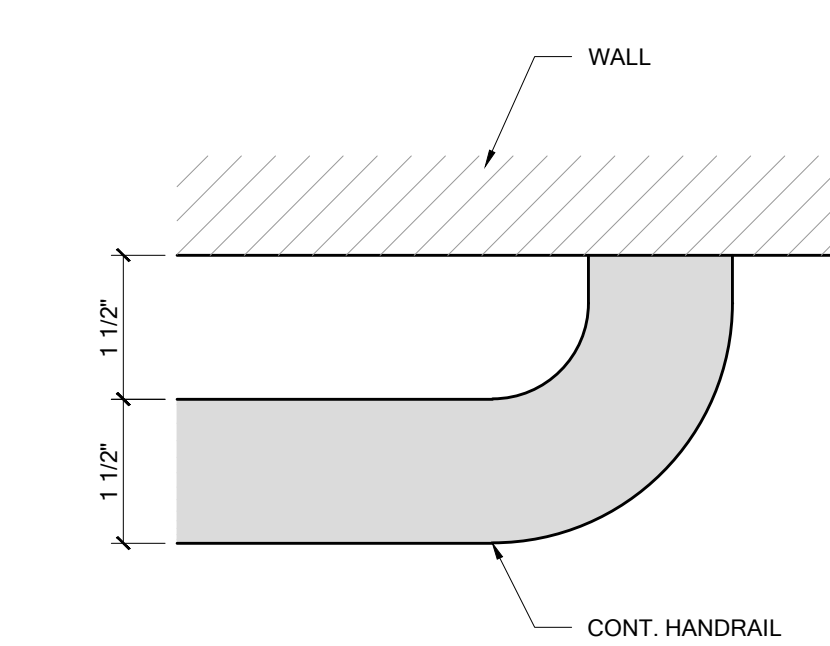
HANDRAILS:
HANDRAILS SHALL BE PROVIDED ON NOT LESS THAN ONE SIDE OF EACH CONTINUOUS RUN OF TREADS OR FLIGHT WITH FOUR OR MORE RISERS. HANDRAIL HEIGHT MEASURED VERTICALLY FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING, OR FINISH SURFACE OF RAMP SLOPE, SHALL BE NOT LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES. HANDRAILS FOR STAIRWAYS SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1-1/2 INCHES BETWEEN THE WALL AND THE HANDRAILS.

GRIP-SIZE:
HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF NOT LESS THAN 1-1/4 INCHES AND NOT GREATER THAN 2 INCHES OR PROVIDE EQUIVALENT GRASP-ABILITY IN COMPLIANCE WITH SECTION R311.7.8.3.

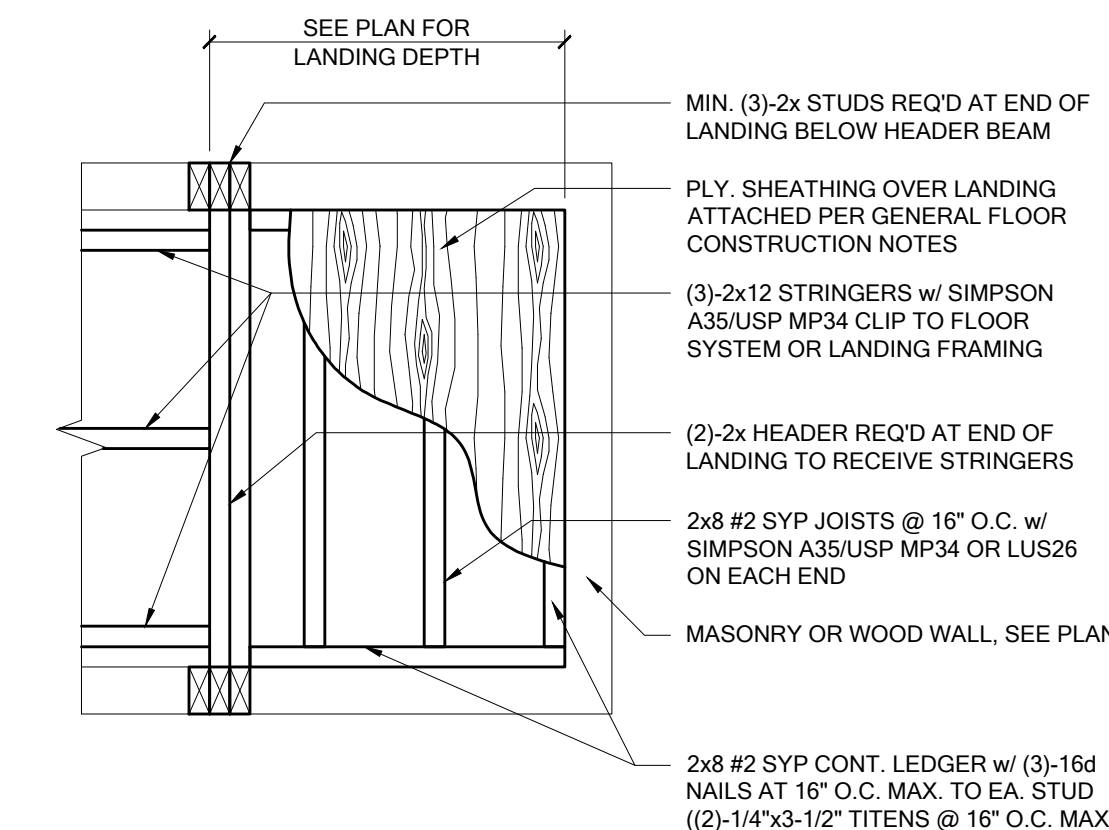
GUARDS:
GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, INCLUDING STAIRS, RAMPS AND LANDINGS, THAT ARE LOCATED MORE THAN 30 INCHES MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 24 INCHES HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. REQUIRED GUARDS AT OPEN-SIDED WALKING SURFACES, INCLUDING STAIRS, PORCHES, BALCONIES OR LANDINGS, SHALL BE NOT LESS THAN 36 INCHES IN HEIGHT AS MEASURED VERTICALLY ABOVE THE ADJACENT WALKING SURFACE OR THE LINE CONNECTING THE LEADING EDGES OF THE TREADS. REQUIRED GUARDS SHALL NOT HAVE OPENINGS FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT THAT ALLOW PASSAGE OF A SPHERE 4 INCHES IN DIAMETER.

UNDERSTAIR PROTECTION:
ENCLOSED ACCESSIBLE SPACE UNDER STAIRS SHALL HAVE WALLS, UNDER-STAIR SURFACE AND ANY SOFFITS PROTECTED ON THE ENCLOSED SIDE WITH 1/2-INCH GYPSUM BOARD.

RETURN TO WALL DETAIL:



TYP. LANDING FRAMING DETAIL:



DAVILA HOMES CONSTRUCTION

4271 LB JACKSON ROAD, SUITE 101
T. 407.883.7195 | www.DavilaHomes.com

BELLA COLLINA
COMMUNITY: BELLA COLLINA
BLOCK: 78
LOT: 78
ADDRESS: 16009 VETTA DRIVE
MONTVERDE, FLORIDA 34756

CONTROL:

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VERSION:	1.0

REVISIONS:

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SHEET TITLE:
BUILDING SECTIONS

SHEET NUMBER:
A-501C

ELECTRICAL SYMBOLS LEGEND:

QTY.	SYMBOL	DESCRIPTION
:FIXTURES		
3		LIGHT FIXTURE - PENDANT
2		EXHAUST FAN/LIGHT COMBINATION - CEILING MOUNTED
4		SMOKE DETECTOR - CEILING MOUNTED
43		LIGHT FIXTURE - SURFACE MOUNTED
5		LIGHT FIXTURE - WALL MOUNTED
1		LIGHT FIXTURE WITH PULL CHAIN IN ATTIC ACCESS
:RECEPTACLES		
1		ELECTRIC METER
5		TELEVISION
4		SMOKE/CARBON MONOXIDE DETECTOR (COMBO UNIT) - CEILING MOUNTED
5		ROUGH-IN FOR OPTIONAL CEILING FAN
8		LIGHT FIXTURE - SURFACE MOUNTED - WEATHER/VAPOR PROOF
1		DOOR BELL CHIME - WALL MOUNTED
4		EXHAUST FAN
:RECEPTACLES		
4		DUPLEX OUTLET - WALL MOUNTED - HALF SWITCHED
5		DUPLEX OUTLET - WALL MOUNTED -WEATHERPROOF/GROUND FAULT INTERRUPTER DUPLEX OUTLET
2		SINGLE POLE OUTLET - WALL MOUNTED
2		DUPLEX OUTLET - UNDER COUNTER
17		DUPLEX OUTLET - WALL MOUNTED - GROUND FAULT INTERRUPTER
3		OUTLET - WALL MOUNTED - 220 VOLT
30		DUPLEX OUTLET - WALL MOUNTED
2		DUPLEX OUTLET - CEILING MOUNTED - GARAGE DOOR OPENER
:SWITCHES		
4		DISCONNECT SWITCH
1		SWITCH - WALL MOUNTED - 4-WAY
39		SWITCH - WALL MOUNTED
2		SWITCH - PUCH BUTTON
18		SWITCH - WALL MOUNTED - 3-WAY
1		DOOR BELL

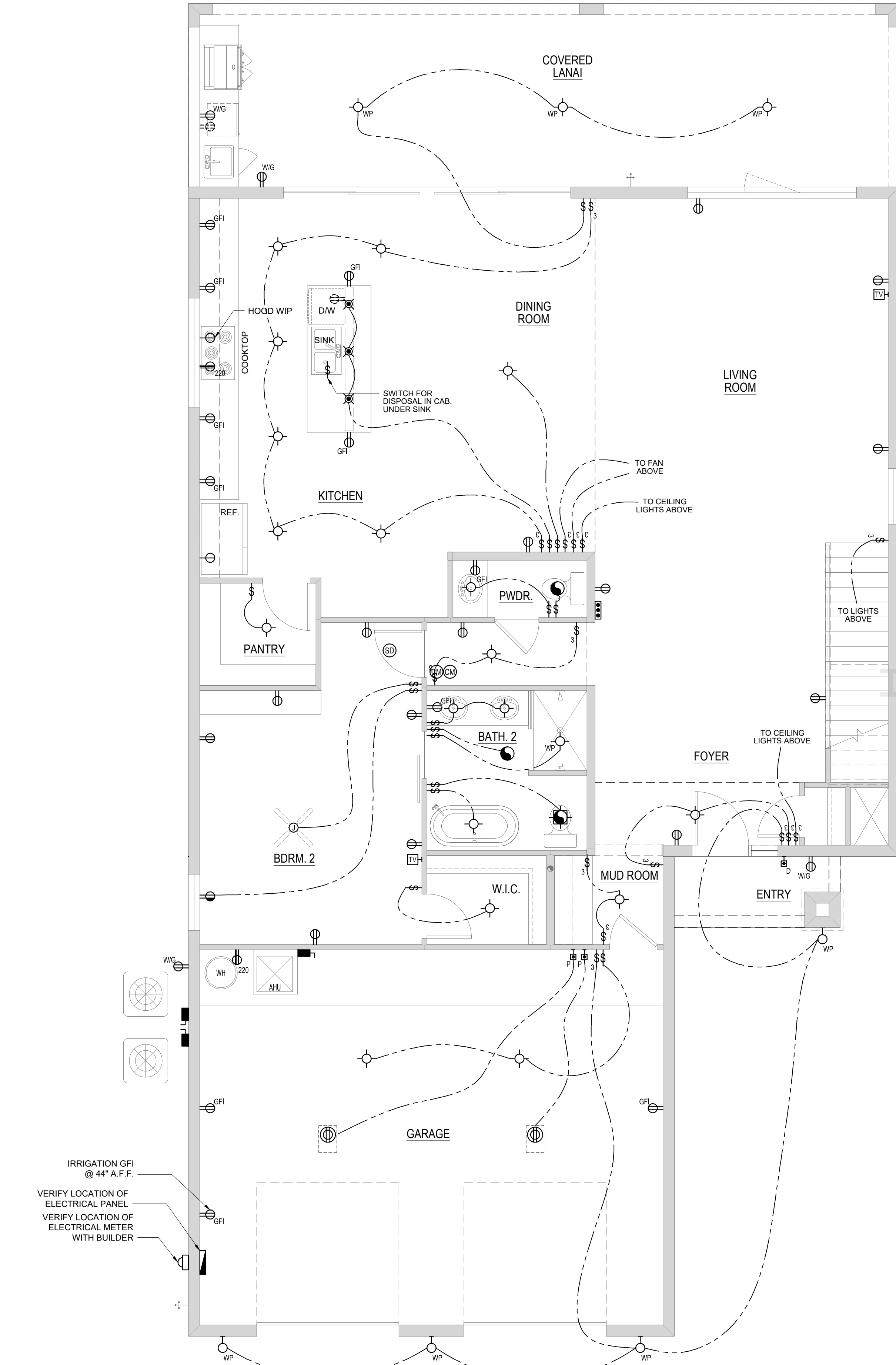
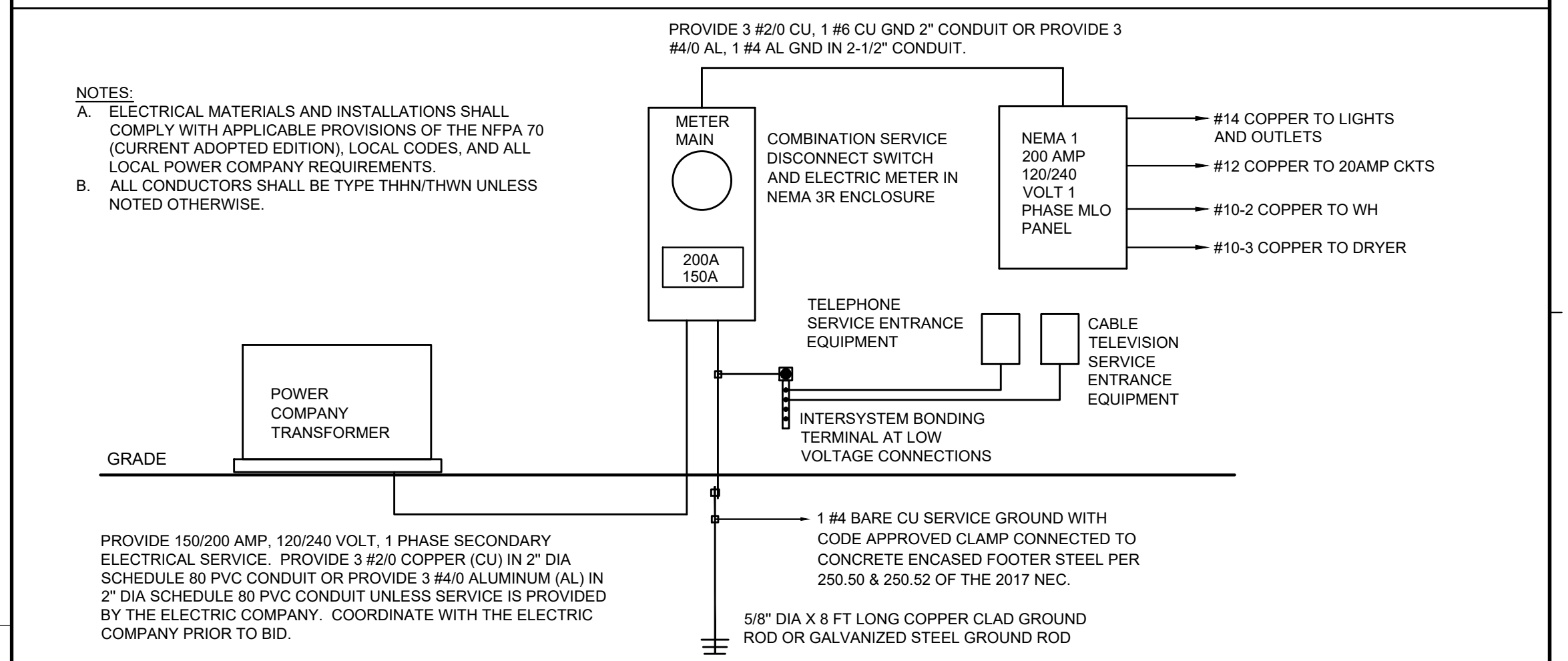
ELECTRICAL NOTES:

- ELECTRICAL PLAN IS INTENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION AND SIZING OF ALL ELECTRICAL, WIRING AND ACCESSORIES.
- ELECTRICAL CONTRACTOR MUST VERIFY WITH THE SPECIFICATIONS FOR THE TYPE OF FIXTURES TO BE USED. LIGHT FIXTURES SHOWN ARE FOR LOCATION PURPOSES.
- ELECTRICAL CONTRACTOR MUST VERIFY ELECTRICAL PANEL SCHEDULE AND CIRCUITS AND NOTIFY A.O.R.E.O.R. OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL ELECTRICAL EQUIPMENT SHALL BE: A) LISTED AND LABELED BY AN INDEPENDENT TESTING LABORATORY. B) USED AND INSTALLED IN ACCORDANCE WITH LISTING INSTRUCTIONS.
- RECEPTACLES TO BE LOCATED WITHIN 6' OF A DOOR OPENING AND NOT MORE THAN 12' APART.
- RECEPTACLES IN BATHROOMS, KITCHENS, GARAGES OR LOCATED OUTDOORS SHALL BE PROTECTED BY A GROUND FAULT INTERRUPTION SYSTEM, GFI.
- OUTLET BOXES AT WALL BETWEEN THE DWELLING AND GARAGE SHALL BE METAL OR U.L. APPROVED PLASTIC.
- ALL LIGHTING FIXTURES IN CLOSETS SHALL BE LOCATED A MIN. OF 18" FROM ANY SHELVING.
- DRYER AND RANGES ARE REQUIRED TO HAVE (4) WIRE RECEPTACLES.
- ALL WIRING TO BE COPPER UNLESS OTHERWISE NOTED.
- OUTDOOR RECEPTACLES OUTLETS WITHIN 60' OF GRADE SHALL BE PROVIDED WITH WEATHERPROOF COVERS.
- ALL DOORS AND WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL SHALL BE EQUIPPED WITH AN EXIT ALARM COMPLYING WITH UL 2017 THAT HAS A MINIMUM SOUND PRESSURE RATING OF 85 DBA AT 10 FEET, AND EITHER HARDWIRED OR OF THE PLUG-IN TYPE. THE EXIT ALARM SHALL PRODUCE A CONTINUOUS AUDIBLE WARNING WHEN THE DOOR OR WINDOW ARE OPENED.
- SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH R314.1 AND LISTED IN ACCORDANCE WITH UL 2017.
- INSTALL ALL SMOKE DETECTORS A MINIMUM OF 36" FROM BATHROOM DOORS.
- CARBON MONOXIDE PROTECTION: CARBON MONOXIDE ALARMS OR DETECTORS SHALL BE INSTALLED IN ALL DWELLING UNITS IN ACCORDANCE WITH FBC 315 AND NFPA 70. SUCH DEVICES SHALL BE LISTED BY THE APPROPRIATE STANDARD, EITHER ANS/UL 2034, STANDARD FOR SINGLE AND MULTIPLE STATION CO ALARMS OR UL 2075, GAS AND VAPOR DETECTOR SENSOR, ACCORDING TO THE INSTALLATION.
- IN NEW CONSTRUCTION, SMOKE DETECTORS SHALL BE HARDWIRED INTO AN A/C ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP.
- R315.1.2 COMBINATION ALARMS: COMBINATION SMOKE/CARBON MONOXIDE ALARMS SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING FACILITY.
- BATHROOM EXHAUST FANS MUST VENT TO THE EXTERIOR OF THE BUILDING. VENTILATION TO ATTIC SPACE AND SOFFITS IS NOT ACCEPTABLE.
- ALL TRIM PLATES AND DEVICES TO BE GANGED, WHERE POSSIBLE.
- PROVIDE AFCIS (ARC-FAULT CIRCUIT INTERRUPTERS) COMBINATION TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUITS IN ALL DWELLING UNITS PER NFPA 70 AND THE 2017 NEC.
- PROVIDE TAMPER RESISTANT RECEPTACLES AS REQUIRED BY THE 2017 NEC, 406.11
- ADD GFCI PROTECTION TO RECEPTACLES IN LAUNDRY ROOMS AND UTILITY ROOMS OF DWELLINGS WHERE INSTALLED WITHIN 6' OF THE OUTSIDE EDGE OF SINK. THIS WOULD INCLUDE THE RECEPTACLE INSTALLED FOR A WASHING MACHINE. RECEPTACLES OUTLETS SHALL NOT BE REQUIRED ON A WALL DIRECTLY BEHIND A RANGE OR SINK TO FULFILL THE REQUIREMENT OF AN OUTLET EVERY 24". THE WIDTH OF THE SINK OR RANGE IS NOT TO BE INCLUDED IN THE SPACING OF THE OUTLETS UNLESS THE DISTANCE FROM THE SINK OR THE RANGE IS GREATER THAN 12" FOR STRAIGHT COUNTER TOPS AND 18" FOR SINKS AND RANGES INSTALLED IN CORNER COUNTERS.
- ALL A/C UNITS THAT ARE MORE THAN 2000 CFM OR 5 TON MUST HAVE SMOKE DETECTORS IN SUPPLY DUCTS.
- A GROUNDED CIRCUIT CONDUCTOR (NEUTRAL CONDUCTOR) IS REQUIRED AT THOSE SWITCHES THAT CONTROL LIGHTING LOADS. THE GROUNDED CIRCUIT CONDUCTOR (NEUTRAL CONDUCTOR) FOR THE CONTROLLED LIGHTING CIRCUIT SHALL BE PROVIDED AT THE LOCATION WHERE SWITCHES CONTROL LIGHTING LOADS THAT ARE SUPPLIED BY A GROUNDED GENERAL PURPOSE BRANCH CIRCUIT FOR OTHER THAN THE FOLLOWING:
 - WHERE CONDUCTORS ENTER THE BOX ENLOSING THE SWITCH THROUGH A RACEWAY, PROVIDED THAT THE RACEWAY IS LARGE ENOUGH FOR ALL CONTAINED CONDUCTORS, INCLUDING A GROUNDED CONDUCTOR.
 - WHERE THE BOX ENLOSING THE SWITCH IS ACCESSIBLE FOR THE INSTALLATION OF AN ADDITIONAL OR REPLACEMENT CABLE WITHOUT REMOVING FINISH MATERIAL.
 - WHERE SNAP SWITCHES WITH INTEGRAL ENCLOSURES COMPLY WITH 300.15(E).
 - WHERE A SWITCH DOES NOT SERVE A HABITABLE ROOM OR BATHROOM.
 - WHERE MULTIPLE SWITCH LOCATIONS CONTROL THE SAME LIGHTING LOAD SUCH THAT THE ENTIRE FLOOR AREA OF THE ROOM OR SPACE IS VISIBLE FROM THE SINGLE OR COMBINED SWITCH LOCATIONS.
- WHERE LIGHTING IN THE AREA IS CONTROLLED BY AUTOMATIC MEANS.
- WHERE A SWITCH CONTROLS A RECEPTACLE LOAD, 2017 NEC 404.2 C
- FAN LOCATIONS REQUIRE A LISTED FAN BOX. (2017 NEC 314.27 C (C) BOXES AT CEILING-SUSPENDED (PADDLE) FAN OUTLETS, OUTLET BOXES OR OUTLET BOX SYSTEMS USED AS THE SOLE SUPPORT OF A CEILING-SUSPENDED (PADDLE) FAN SHALL BE LISTED, SHALL BE MARKED BY THEIR MANUFACTURER AS SUITABLE FOR THIS PURPOSE, AND SHALL NOT SUPPORT CEILING-SUSPENDED (PADDLE) FANS THAT WEIGH MORE THAN 32 KG (70 LB).
- FOR OUTLET BOXES OR OUTLET BOX SYSTEMS DESIGNED TO SUPPORT CEILING-SUSPENDED (PADDLE) FANS THAT WEIGH MORE THAN 16 KG (35 LB), THE REQUIRED MARKING SHALL INCLUDE THE MAXIMUM WEIGHT TO BE SUPPORTED.

FIXTURE/DEVICE HEIGHTS:

FIXTURE / DEVICE:	HEIGHTS (A.F.F.):
SWITCHES	
STANDARD	48" to C.L.
OVER COUNTER	45" to C.L.
DOOR BELL	LEVEL W/ DOOR HANDLE
THERMOSTAT	54" to C.L.
RECEPTACLES	
STANDARD	18" to C.L.
OVER COUNTER	45" to C.L.
HOOD/FAN "WHIP"	66" to C.L.
WALL HUNG MICROWAVE	76" to C.L.
RANGE	24" to C.L.
REFRIGERATOR	24" to C.L.
WASHER/DRYER	48" to C.L.
TELEPHONE	18" to C.L.
TELEVISION	18" to C.L.
GARAGE GFI	48" to C.L.
EXTERIOR GFI	18" to C.L.
FIXTURES	
DINING, BREAKFAST & NOOK	64" MIN. to BOTTOM OF FIXTURE
FOYER & STAIRWAY	96" MIN. to BOTTOM OF FIXTURE
FRONT DOOR COACH LIGHTS	72" to C.L.
GARAGE DOOR COACH LIGHTS	84" to C.L.
VANITY LIGHT	1" ABV. MIRROR (COORDINATE IN FIELD)
DOORBELL CHIMES	84" to C.L.

ELECTRICAL RISER:



1 SCALE: 1/4" = 1'-0" 1st FLOOR - ELECTRICAL PLAN



DAVILA HOMES
 CONSTRUCTION

4271 LB MILLICAN ROAD, SUITE 101
 T: 407.887.1161 | www.DavilaHomes.com

BELLA COLLINA
 COMMUNITY:
 BLOCK: 78
 LOT: 78
 ADDRESS: 16009 VETTA DRIVE
 MONTVERDE, FLORIDA 34756

CONTROL:

PLAN NUMBER: 3190G
 PLAN NAME: MILOS
 SERIES:
 VERSION: 1.0

REVISIONS:

MARK	DATE	DESCRIPTION

DESIGN PROFESSIONAL OF RECORD:
ERIK J. FRED, AIA
 156 DELAFIELD LN.,
 NEWBURGH, NY 12550

PROFESSIONAL SEAL:



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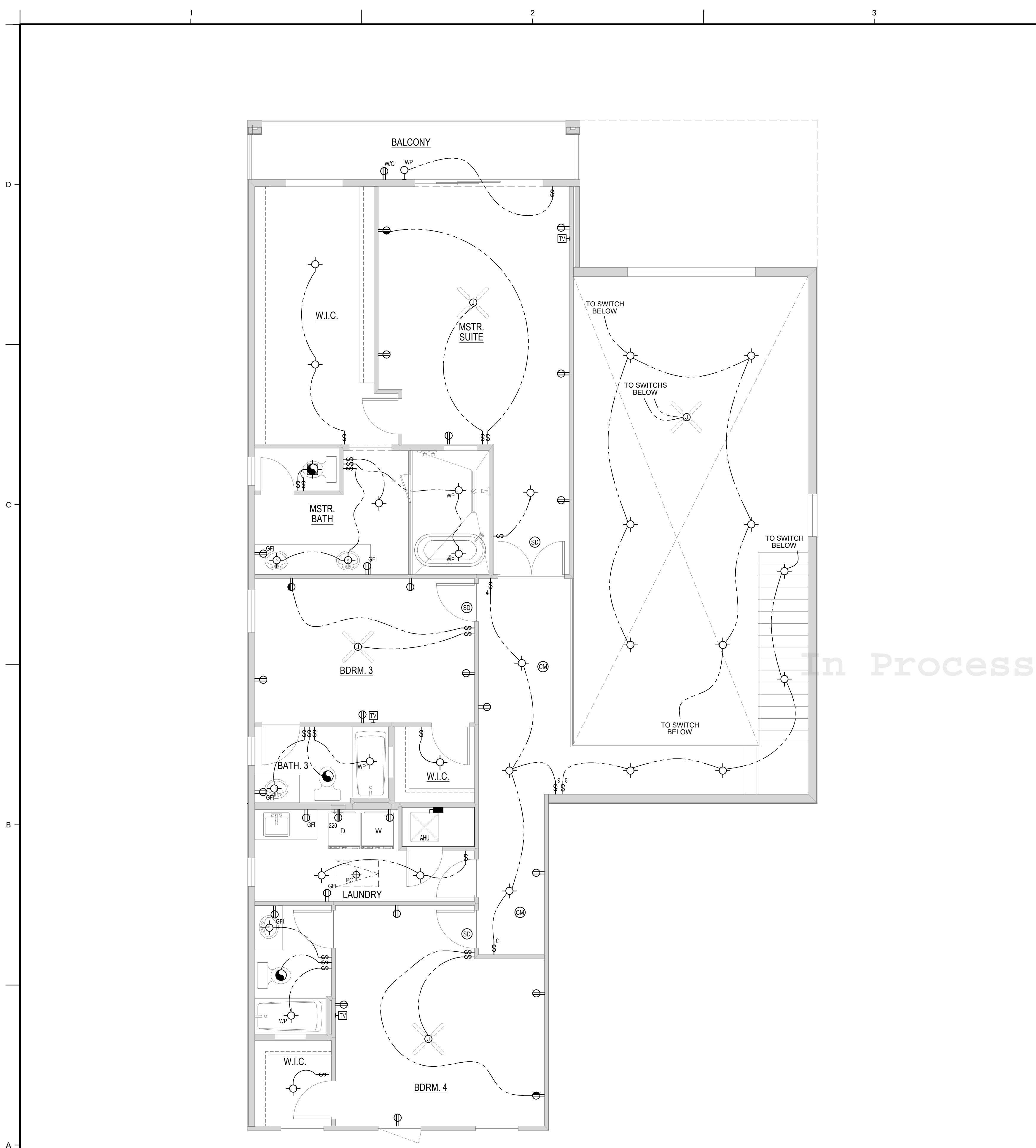
DO NOT SCALE PRINTS! CONSTRUCTION SHALL BE PER INDICATED DIMENSIONS ONLY. ANY DISCREPANCIES ARE TO BE REPORTED TO ARCIDYNAMICS, INC. FOR CLARIFICATION PRIOR TO CONSTRUCTION.

PROJECT NUMBER: ---
 ISSUE DATE: 04.18.22
 DRAWN BY: TS
 CHECKED BY: JG

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SHEET TITLE:
1ST FLOOR - ELECTRICAL PLAN

SHEET NUMBER:
A-801C



ELECTRICAL SYMBOLS LEGEND:

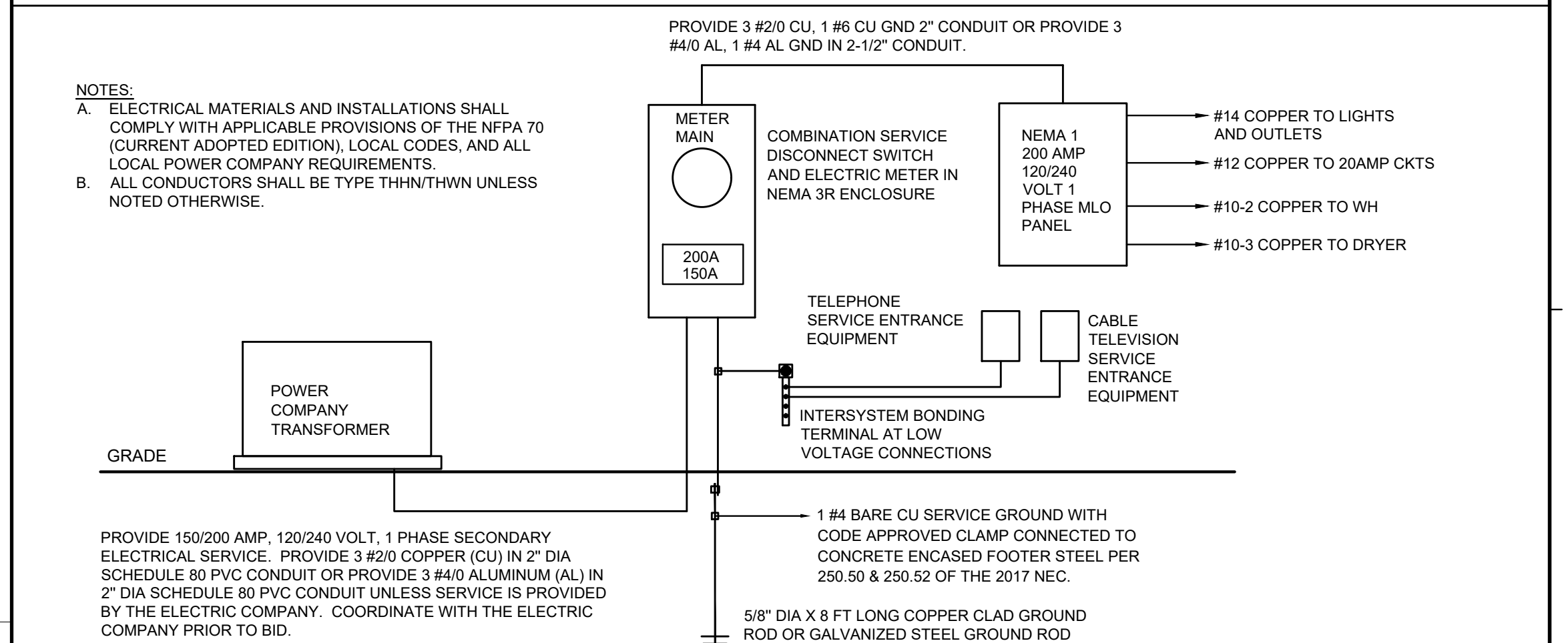
QTY.	SYMBOL	DESCRIPTION
:FIXTURES		
3	[Symbol]	LIGHT FIXTURE - PENDANT
2	[Symbol]	EXHAUST FAN/LIGHT COMBINATION - CEILING MOUNTED
4	[Symbol]	SMOKE DETECTOR - CEILING MOUNTED
43	[Symbol]	LIGHT FIXTURE - SURFACE MOUNTED
5	[Symbol]	LIGHT FIXTURE - WALL MOUNTED
1	[Symbol]	LIGHT FIXTURE WITH PULL CHAIN IN ATTIC ACCESS
1	[Symbol]	ELECTRIC PANEL
1	[Symbol]	ELECTRIC METER
5	[Symbol]	TELEVISION
4	[Symbol]	SMOKE/CARBON MONOXIDE DETECTOR (COMBO UNIT) - CEILING MOUNTED
5	[Symbol]	ROUGH-IN FOR OPTIONAL CEILING FAN
8	[Symbol]	LIGHT FIXTURE - SURFACE MOUNTED - WEATHER/VAPOR PROOF
1	[Symbol]	DOOR BELL CHIME - WALL MOUNTED
4	[Symbol]	EXHAUST FAN
:RECEPTACLES		
4	[Symbol]	DUPLEX OUTLET - WALL MOUNTED - HALF SWITCHED
5	[Symbol]	DUPLEX OUTLET - WALL MOUNTED -WEATHERPROOF/GROUND FAULT INTERRUPTER DUPLEX OUTLET
2	[Symbol]	SINGLE POLE OUTLET - WALL MOUNTED
2	[Symbol]	DUPLEX OUTLET - UNDER COUNTER
17	[Symbol]	DUPLEX OUTLET - WALL MOUNTED - GROUND FAULT INTERRUPTER
3	[Symbol]	220V OUTLET - WALL MOUNTED - 220 VOLT
30	[Symbol]	DUPLEX OUTLET - WALL MOUNTED
2	[Symbol]	DUPLEX OUTLET - CEILING MOUNTED - GARAGE DOOR OPENER
:SWITCHES		
4	[Symbol]	DISCONNECT SWITCH
1	[Symbol]	SWITCH - WALL MOUNTED - 4-WAY
39	[Symbol]	SWITCH - WALL MOUNTED
2	[Symbol]	SWITCH - PUCH BUTTON
18	[Symbol]	SWITCH - WALL MOUNTED - 3-WAY
1	[Symbol]	DOOR BELL

FIXTURE / DEVICE:	HEIGHTS (A.F.F.):
SWITCHES	
STANDARD	48" to C.L.
OVER COUNTER	45" to C.L.
DOOR BELL	LEVEL W/ DOOR HANDLE
THERMOSTAT	54" to C.L.
RECEPTACLES	
STANDARD	18" to C.L.
OVER COUNTER	45" to C.L.
HOOD/FAN "WHIP"	66" to C.L.
WALL HUNG MICROWAVE	76" to C.L.
RANGE	24" to C.L.
REFRIGERATOR	24" to C.L.
WASHER/DRYER	48" to C.L.
TELEPHONE	18" to C.L.
TELEVISION	18" to C.L.
GARAGE GFI	48" to C.L.
EXTERIOR GFI	18" to C.L.
FIXTURES	
DINING, BREAKFAST & NOOK	64" MIN. to BOTTOM OF FIXTURE
FOYER & STAIRWAY	96" MIN. to BOTTOM OF FIXTURE
FRONT DOOR COACH LIGHTS	72" to C.L.
GARAGE DOOR COACH LIGHTS	84" to C.L.
VANITY LIGHT	1" ABV. MIRROR (COORDINATE IN FIELD)
DOORBELL CHIMES	84" to C.L.

FIXTURE/DEVICE HEIGHTS:

FIXTURE / DEVICE:	HEIGHTS (A.F.F.):
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STANDARD	48" to C.L.
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VANITY LIGHT	1" ABV. MIRROR (COORDINATE IN FIELD)
DOORBELL CHIMES	84" to C.L.

ELECTRICAL RISER:



ELECTRICAL NOTES:

- ELECTRICAL PLAN IS INTENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION AND SIZING OF ALL ELECTRICAL, WIRING AND ACCESSORIES.
- ELECTRICAL CONTRACTOR MUST VERIFY WITH THE SPECIFICATIONS FOR THE TYPE OF FIXTURES TO BE USED. LIGHT FIXTURES SHOWN ARE FOR LOCATION PURPOSES.
- ELECTRICAL CONTRACTOR MUST VERIFY ELECTRICAL PANEL SCHEDULE AND CIRCUITS AND NOTIFY A.O.R.E.O.R. OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL ELECTRICAL EQUIPMENT SHALL BE: A) LISTED AND LABELED BY AN INDEPENDENT TESTING LABORATORY. B) USED AND INSTALLED IN ACCORDANCE WITH LISTING INSTRUCTIONS.
- RECEPTACLES TO BE LOCATED WITHIN 6' OF A DOOR OPENING AND NOT MORE THAN 12' APART.
- RECEPTACLES IN BATHROOMS, KITCHENS, GARAGES OR LOCATED OUTDOORS SHALL BE PROTECTED BY A GROUND FAULT INTERRUPTION SYSTEM, GFI.
- OUTLET BOXES A WALL BETWEEN THE DWELLING AND GARAGE SHALL BE METAL OR U.L. APPROVED PLASTIC.
- ALL LIGHTING FIXTURES IN CLOSETS SHALL BE LOCATED A MIN. OF 18" FROM ANY SHELVEING.
- DRYER AND RANGES ARE REQUIRED TO HAVE (4) WIRE RECEPTACLES.
- ALL WIRING TO BE COPPER UNLESS OTHERWISE NOTED.
- OUTDOOR RECEPTACLES OUTLETS WITHIN 60' OF GRADE SHALL BE PROVIDED WITH WEATHERPROOF COVERS.
- ALL DOORS AND WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL SHALL BE EQUIPPED WITH AN EXIT ALARM COMPLYING WITH UL 2017 THAT HAS A MINIMUM SOUND PRESSURE RATING OF 85 DBA AT 10 FEET, AND EITHER HARDWIRED OR OF THE PLUG-IN TYPE. THE EXIT ALARM SHALL PRODUCE A CONTINUOUS AUDIBLE WARNING WHEN THE DOOR OR WINDOW ARE OPENED.
- SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH R314.1 AND LISTED IN ACCORDANCE WITH UL 2017.
- INSTALL ALL SMOKE DETECTORS A MINIMUM OF 36" FROM BATHROOM DOORS.
- CARBON MONOXIDE PROTECTION: CARBON MONOXIDE ALARMS OR DETECTORS SHALL BE INSTALLED IN ALL DWELLING UNITS IN ACCORDANCE WITH FBC 315 AND NFPA 70. SUCH DEVICES SHALL BE LISTED BY THE APPROPRIATE STANDARD, EITHER ANS/UL 2034, STANDARD FOR SINGLE AND MULTIPLE STATION CO ALARMS OR UL 2075, GAS AND VAPOR DETECTOR SENSOR, ACCORDING TO THE INSTALLATION.
- IN NEW CONSTRUCTION, SMOKE DETECTOR SHALL BE HARDWIRED INTO AN A/C ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP.
- R315.1.2 COMBINATION ALARMS: COMBINATION SMOKE/CARBON MONOXIDE ALARMS SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING FACILITY.
- BATHROOM EXHAUST FANS MUST VENT TO THE EXTERIOR OF THE BUILDING. VENTILATION TO ATTIC SPACE AND SOFFITS IS NOT ACCEPTABLE.
- ALL TRIM PLATES AND DEVICES TO BE GANGED, WHERE POSSIBLE.
- PROVIDE AFCIS (ARC-FAULT CIRCUIT INTERRUPTERS) COMBINATION TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUITS IN ALL DWELLING UNITS PER NFPA 70 AND THE 2017 NEC.
- PROVIDE TAMPER RESISTANT RECEPTACLES AS REQUIRED BY THE 2017 NEC. 406.11
- ADD GFCI PROTECTION TO RECEPTACLES IN LAUNDRY ROOMS AND UTILITY ROOMS OF DWELLINGS WHERE INSTALLED WITHIN 6" OF THE OUTSIDE EDGE OF SINK. THIS WOULD INCLUDE THE RECEPTACLE INSTALLED FOR A WASHING MACHINE. RECEPTACLES OUTLETS SHALL NOT BE REQUIRED ON A WALL DIRECTLY BEHIND A RANGE OR SINK TO FULFILL THE REQUIREMENT OF AN OUTLET EVERY 24". THE WIDTH OF THE SINK OR RANGE IS NOT TO BE INCLUDED IN THE SPACING OF THE OUTLETS UNLESS THE DISTANCE FROM THE SINK OR THE RANGE IS GREATER THAN 12" FOR STRAIGHT COUNTER TOPS AND 18" FOR SINKS AND RANGES INSTALLED IN CORNER COUNTERS.
- ALL A/C UNITS THAT ARE MORE THAN 2000 CFM OR 5 TON MUST HAVE SMOKE DETECTORS IN SUPPLY DUCTS.
- A GROUNDED CIRCUIT CONDUCTOR (NEUTRAL CONDUCTOR) IS REQUIRED AT THOSE LOCATIONS WHERE SWITCHES CONTROL LIGHTING LOADS THAT ARE SUPPLIED BY A GROUNDED GENERAL PURPOSE BRANCH CIRCUIT FOR OTHER THAN THE FOLLOWING:
 - WHERE CONDUCTORS ENTER THE BOX ENLOSING THE SWITCH THROUGH A RACEWAY, PROVIDED THAT THE RACEWAY IS LARGE ENOUGH FOR ALL CONTAINED CONDUCTORS, INCLUDING A GROUNDED CONDUCTOR.
 - WHERE THE BOX ENLOSING THE SWITCH IS ACCESSIBLE FOR THE INSTALLATION OF AN ADDITIONAL OR REPLACEMENT CABLE WITHOUT REMOVING FINISH MATERIAL.
 - WHERE SNAP SWITCHES WITH INTEGRAL ENCLOSURES COMPLY WITH 300.15(E).
 - WHERE A SWITCH DOES NOT SERVE A HABITABLE ROOM OR BATHROOM.
 - WHERE MULTIPLE SWITCH LOCATIONS CONTROL THE SAME LIGHTING LOAD SUCH THAT THE ENTIRE FLOOR AREA OF THE ROOM OR SPACE IS VISIBLE FROM THE SINGLE OR COMBINED SWITCH LOCATIONS.
- WHERE LIGHTING IN THE AREA IS CONTROLLED BY AUTOMATIC MEANS.
- WHERE A SWITCH CONTROLS A RECEPTACLE LOAD, 2017 NEC 404.2 C
- FAN LOCATIONS REQUIRE A LISTED FAN BOX. (2017 NEC 314.27 C (C) BOXES AT CEILING-SUSPENDED (PADDLE) FAN OUTLETS, OUTLET BOXES OR OUTLET BOX SYSTEMS USED AS THE SOLE SUPPORT OF A CEILING-SUSPENDED (PADDLE) FAN SHALL BE LISTED, SHALL BE MARKED BY THEIR MANUFACTURER AS SUITABLE FOR THIS PURPOSE, AND SHALL NOT SUPPORT CEILING-SUSPENDED (PADDLE) FANS THAT WEIGH MORE THAN 32 KG (70 LB).
- FOR OUTLET BOXES OR OUTLET BOX SYSTEMS DESIGNED TO SUPPORT CEILING-SUSPENDED (PADDLE) FANS THAT WEIGH MORE THAN 16 KG (35 LB), THE REQUIRED MARKING SHALL INCLUDE THE MAXIMUM WEIGHT TO BE SUPPORTED.



DAVILA HOMES
 CONSTRUCTION
 4211 LB MILLCROFT ROAD, SUITE 101
 T: 407.887.7161 | www.DavilaHomes.com
 COMMUNITY: **BELLA COLLINA**
 BLOCK: 78
 LOT: 78
 ADDRESS: 16009 VETTA DRIVE
 MONTVERDE, FLORIDA 34756

CONTROL:
 PLAN NUMBER: 3190G
 PLAN NAME: MILOS
 SERIES:
 VERSION: 1.0

REVISIONS:

MARK	DATE	DESCRIPTION

DESIGN PROFESSIONAL OF RECORD:
ERIK J. FRED, AIA
 156 DELAFIELD LN.,
 NEWBURGH, NY 12550

PROFESSIONAL SEAL:



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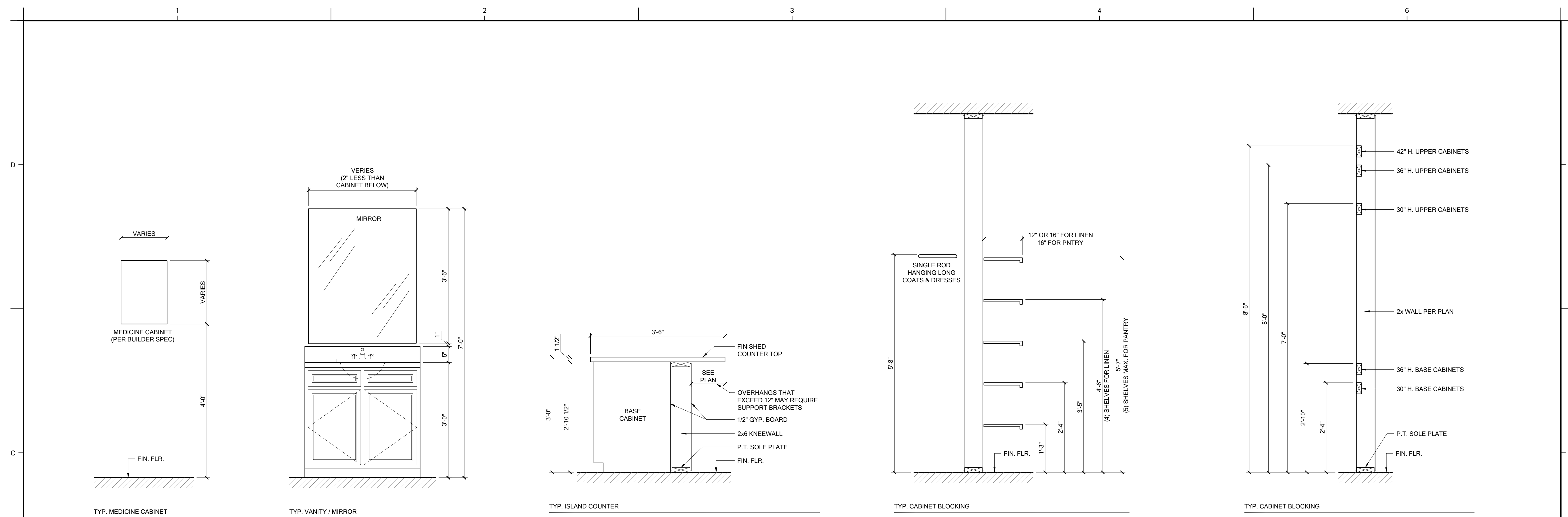
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PROJECT NUMBER: ---
 ISSUE DATE: 04.18.22
 DRAWN BY: TS
 CHECKED BY: JG

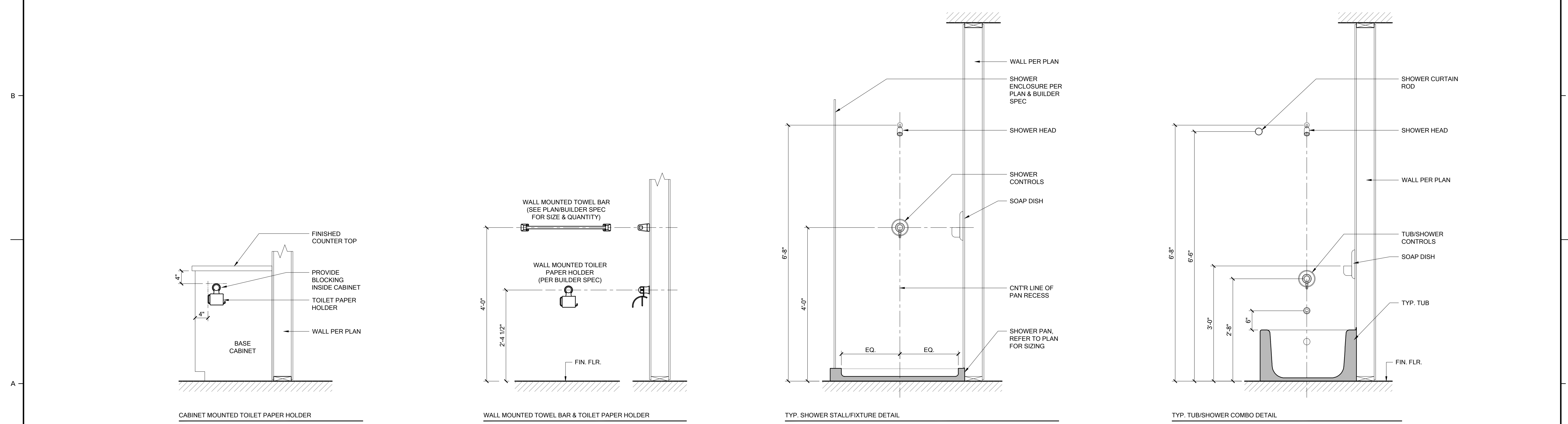
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SHEET TITLE:
2ND FLOOR - ELECTRICAL PLAN

SHEET NUMBER:
A-802C



In Process



DAVILA HOMES
 CONSTRUCTION

4271 LB MILLCREEK ROAD, SUITE 101
 T: 407.887.7195 | www.DavilaHomes.com

BELLA COLLINA
 COMMUNITY: BELLA COLLINA
 BLOCK: 78
 LOT: 78
 ADDRESS: 16009 VETTA DRIVE
 MONTVERDE, FLORIDA 34756

CONTROL:

PLAN NUMBER:	3190G
PLAN NAME:	MILOS
SERIES:	
VERSION:	1.0

REVISIONS:

MARK	DATE	DESCRIPTION

DESIGN PROFESSIONAL OF RECORD:

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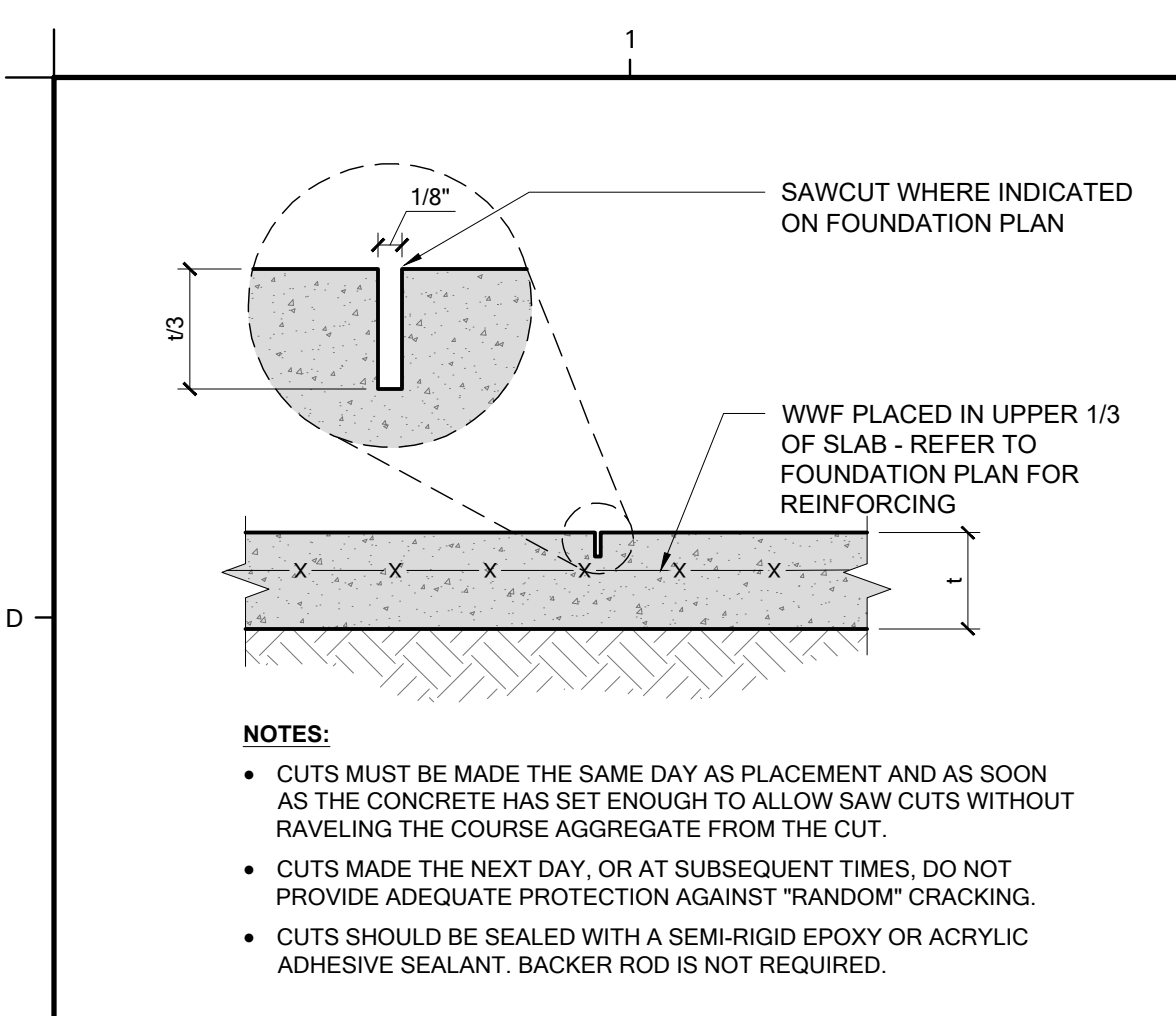
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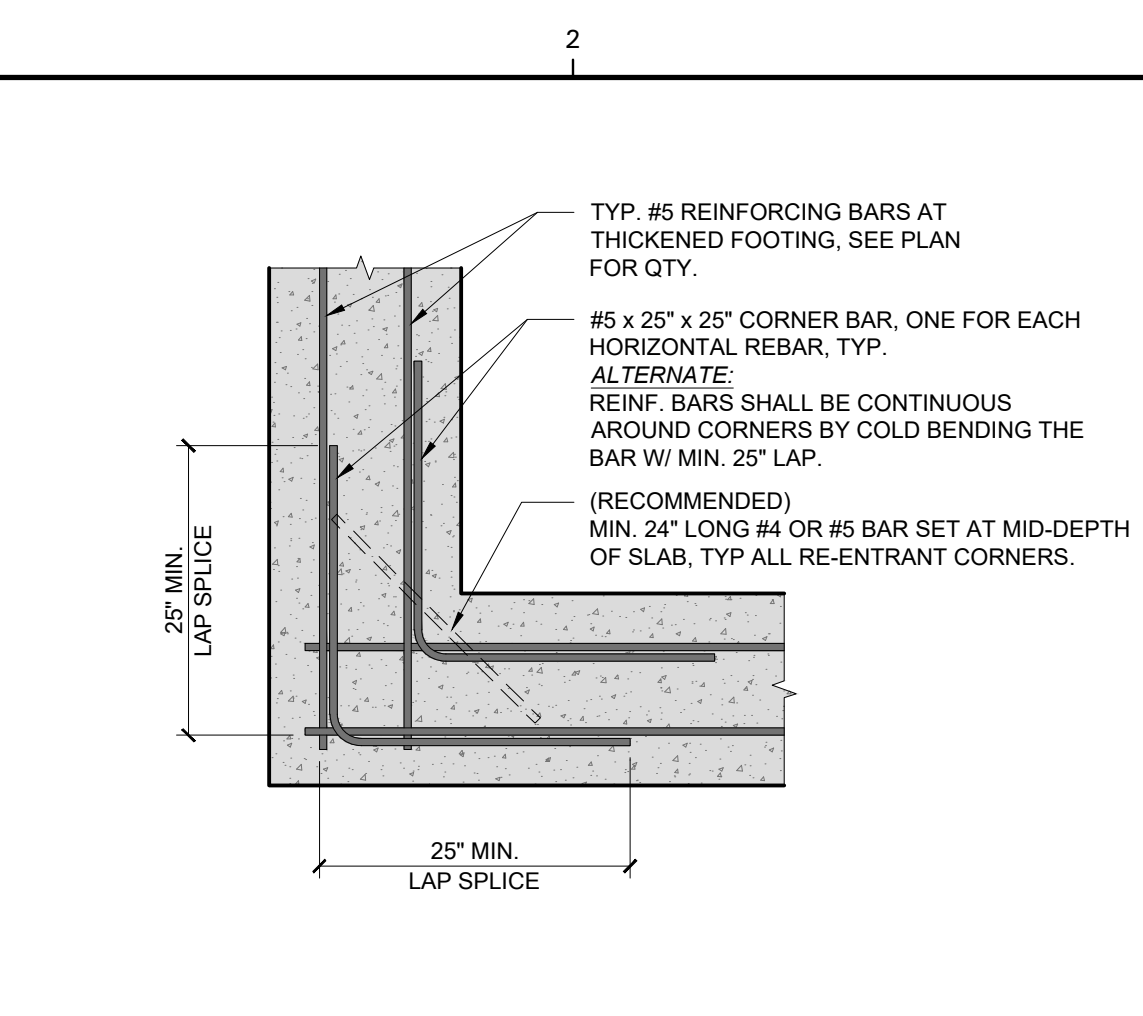
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SHEET TITLE:
DETAILS - FIXTURE DIAGRAMS

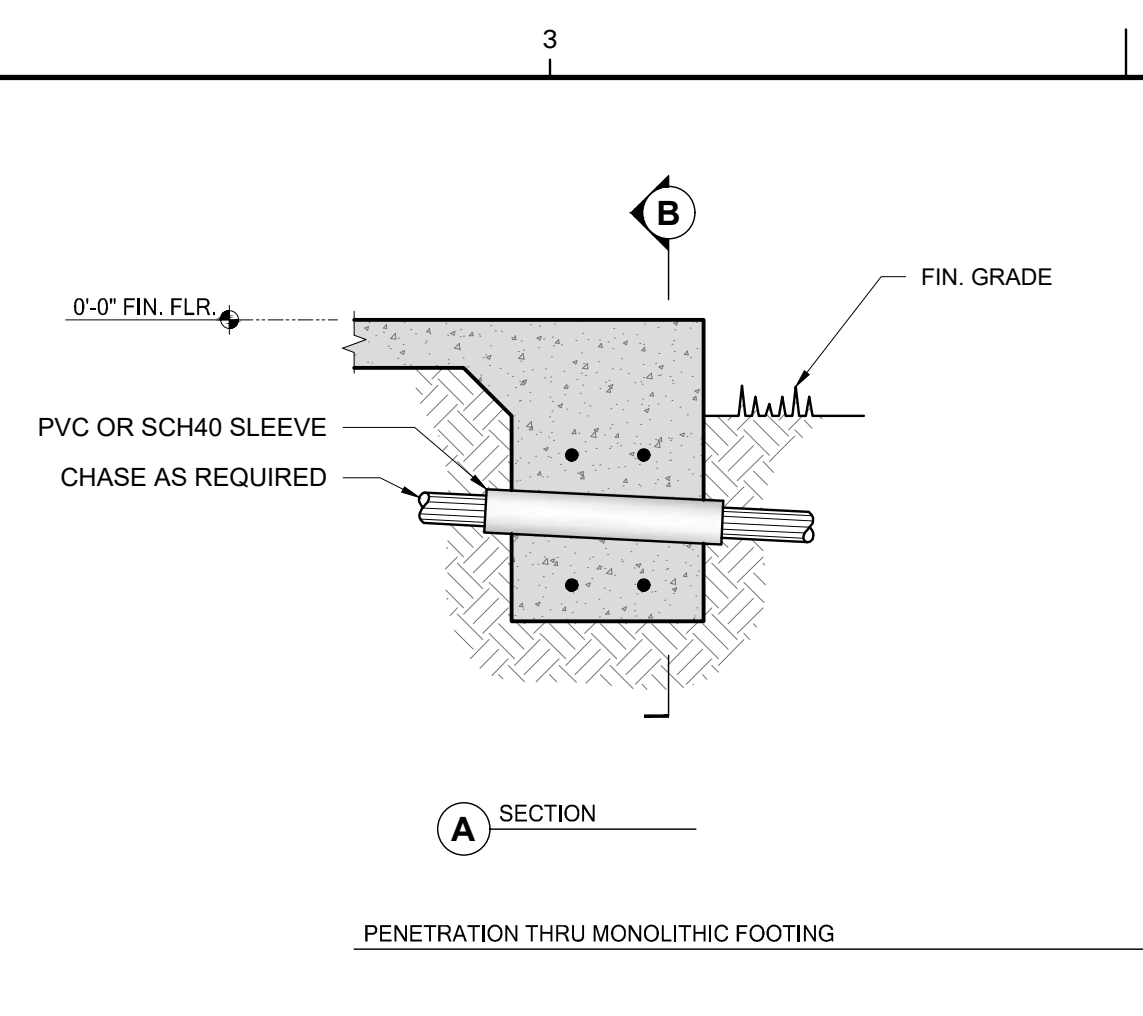
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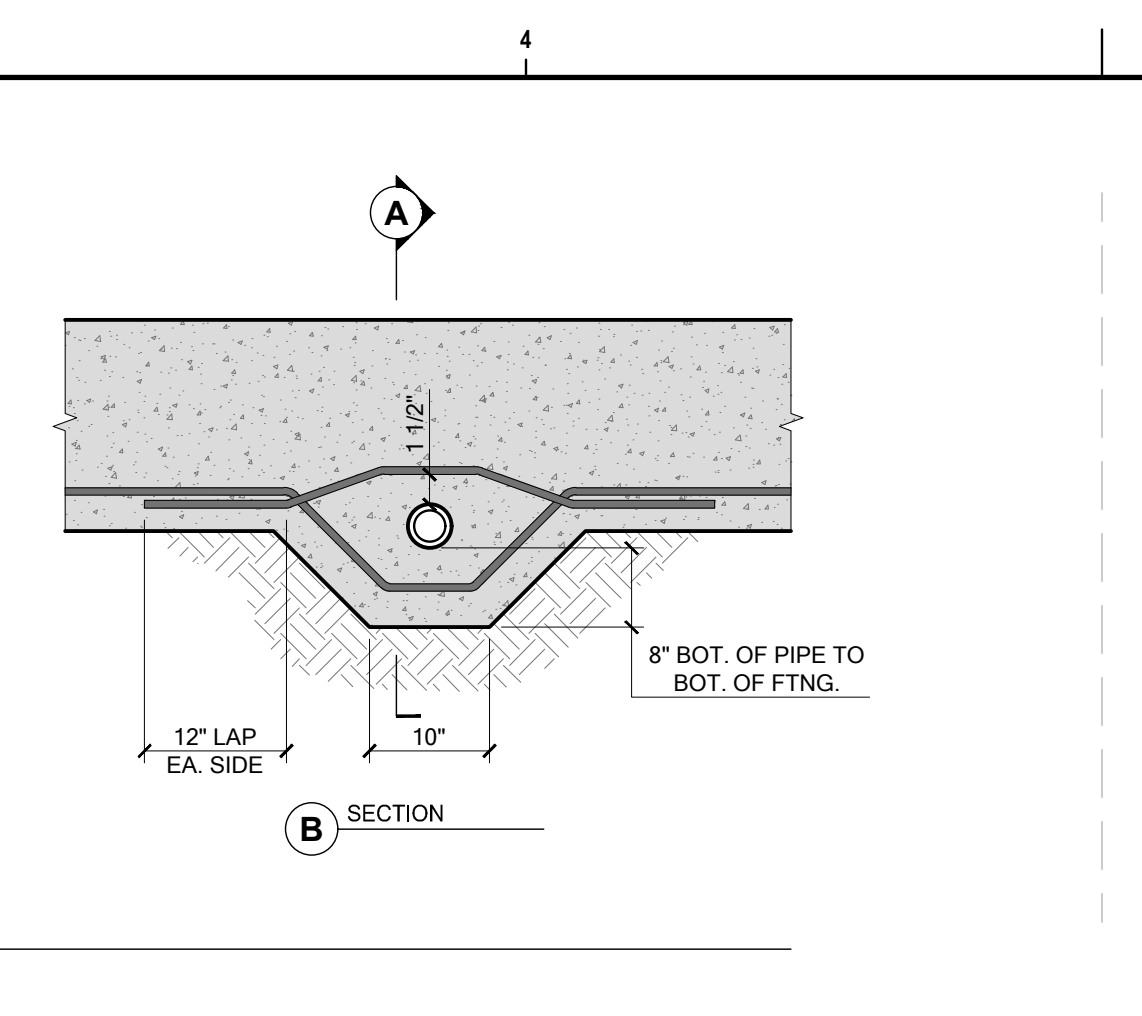
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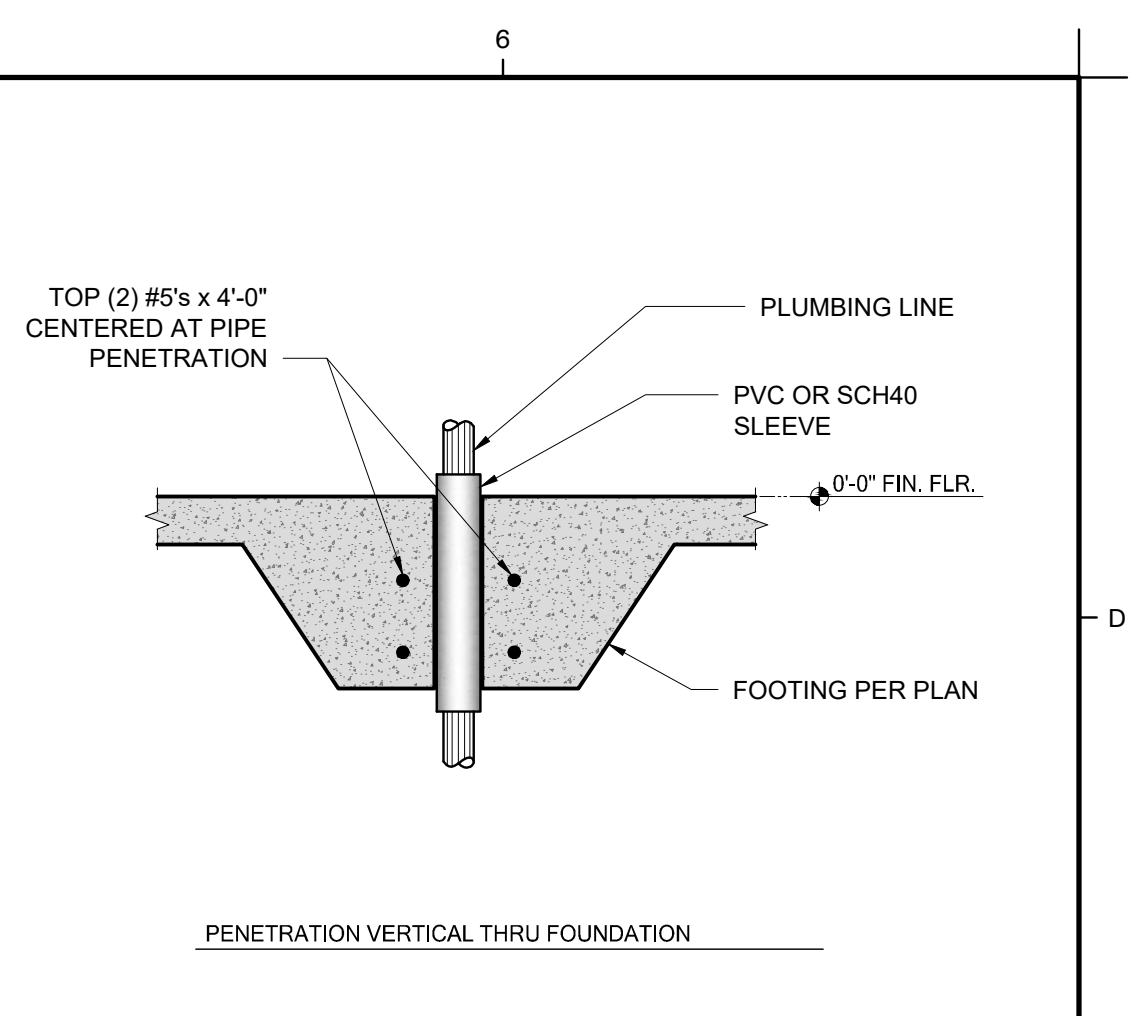
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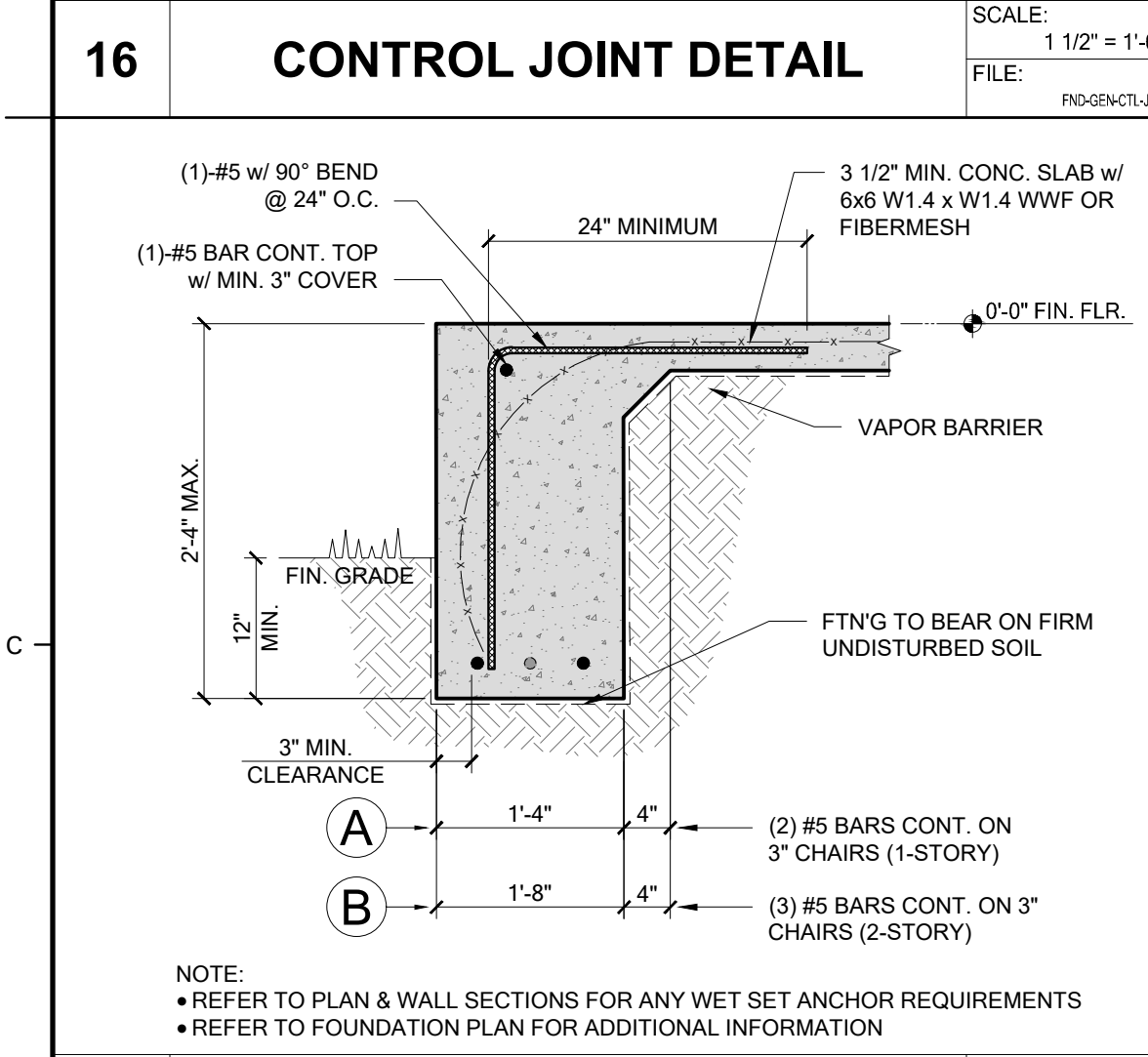
18 TYP. PIPE PENETRATION THRU FOUNDATION DETAILS
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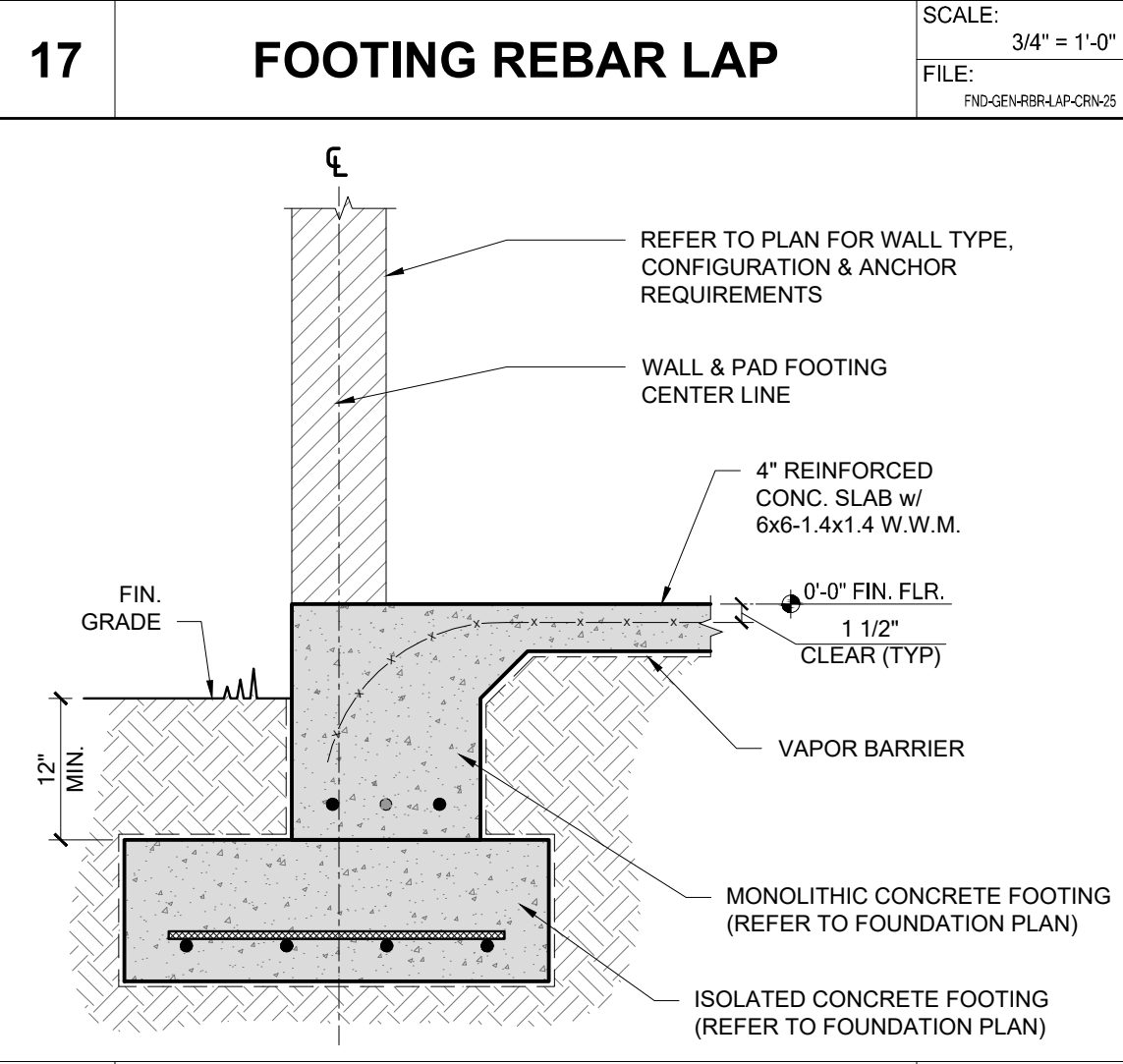
19 TYP. RECESS AT EXTERIOR DOORS
 SCALE: 3/4" = 1'-0"
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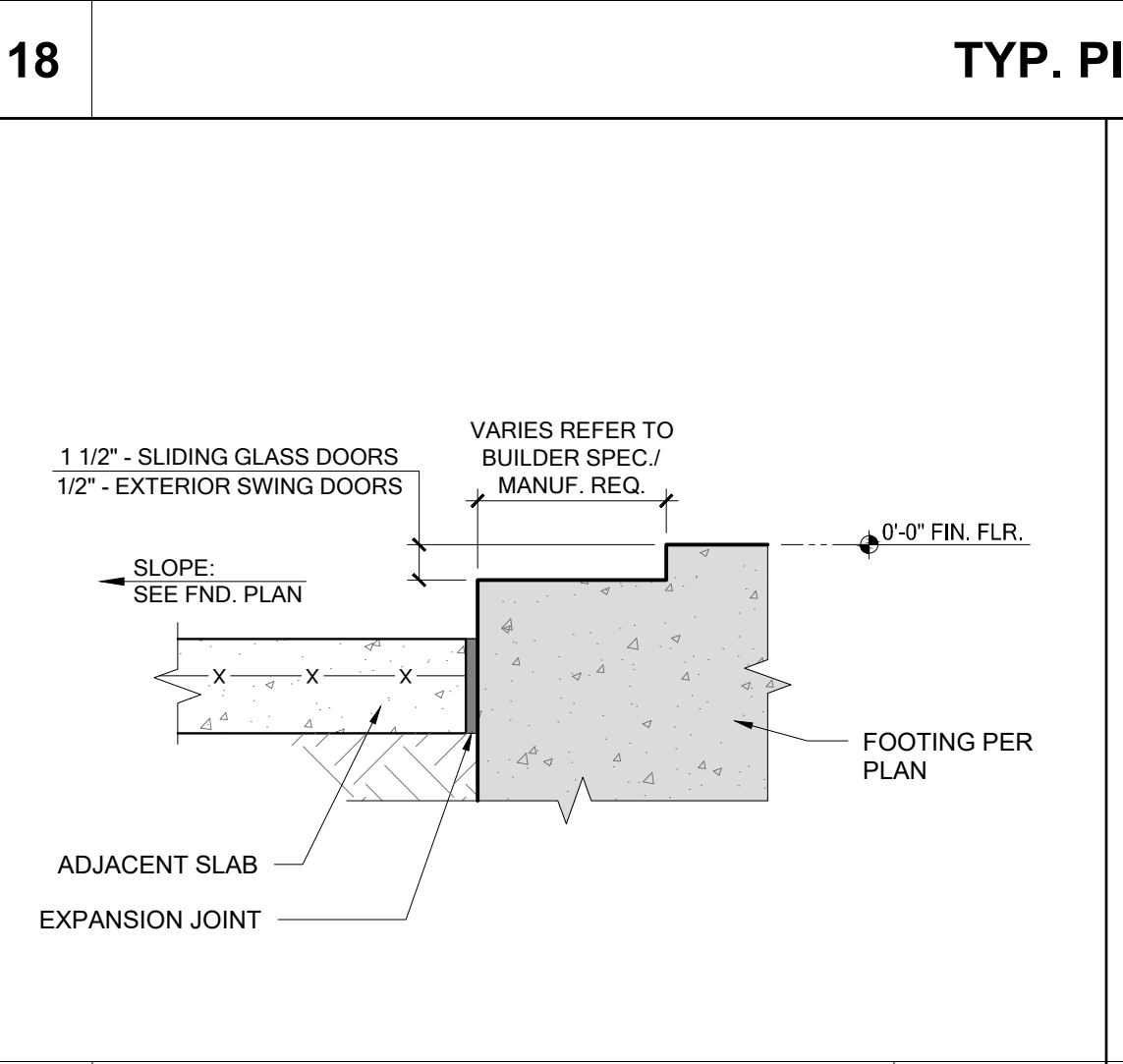
20 TYP. THICKENED SLAB AT INTERIOR BEARING WALL
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDREC150.DOR



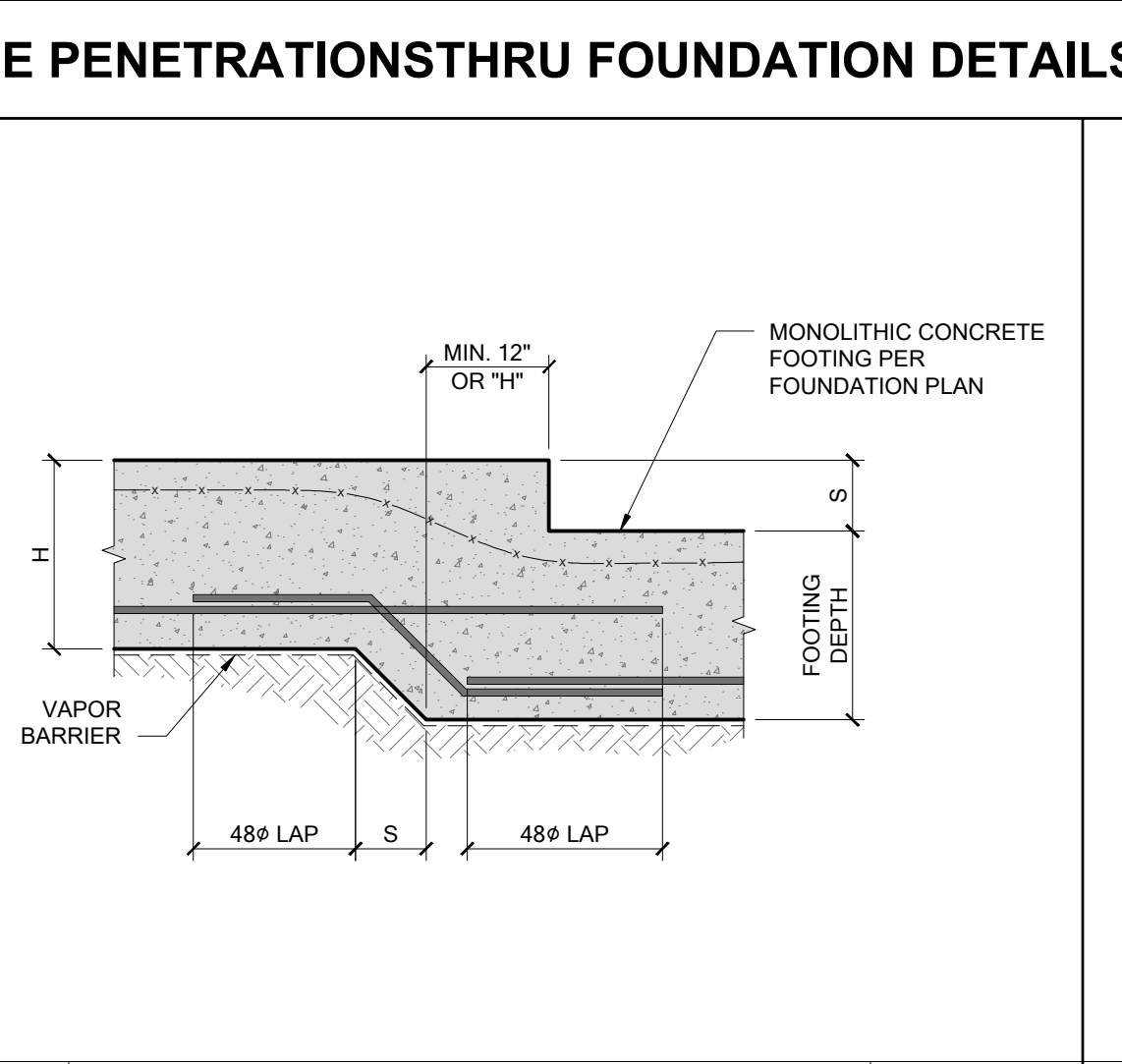
11 DEEP MONOLITHIC FOOTING
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDSEP132



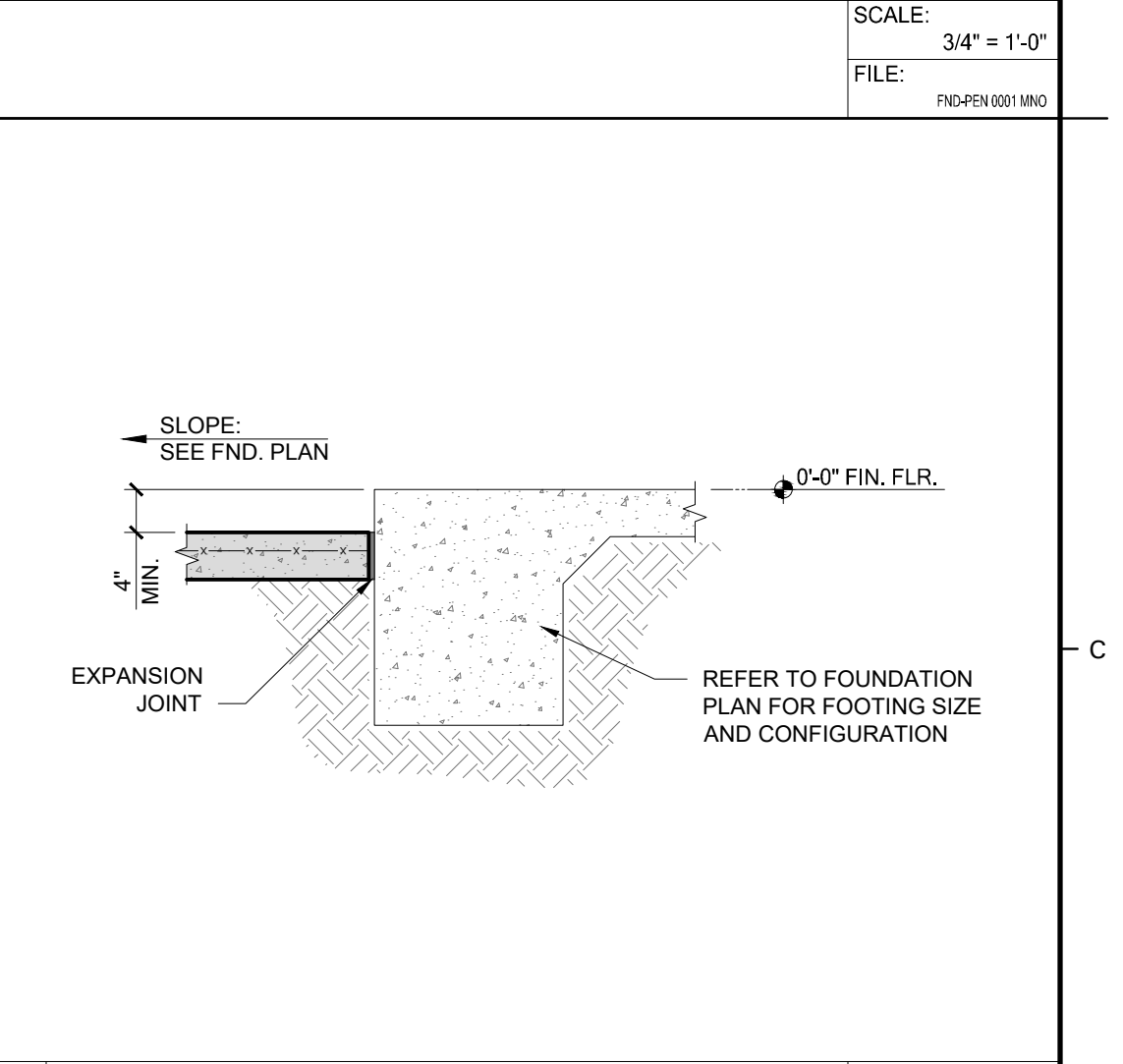
12 TYP. ISOLATED PAD FOOTING
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDSEP1AD



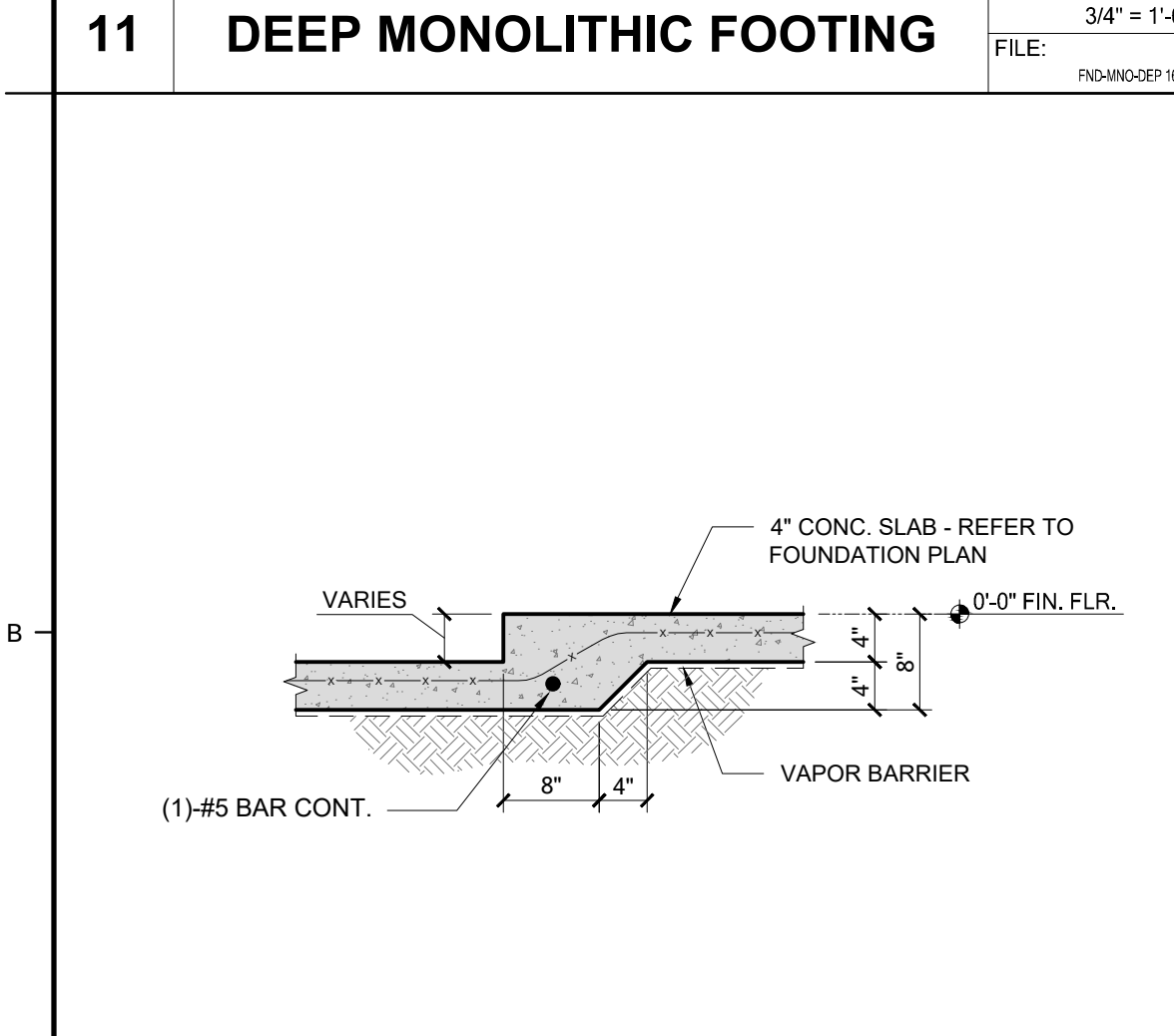
13 TYP. STEP DOWN MONOLITHIC FOOTING
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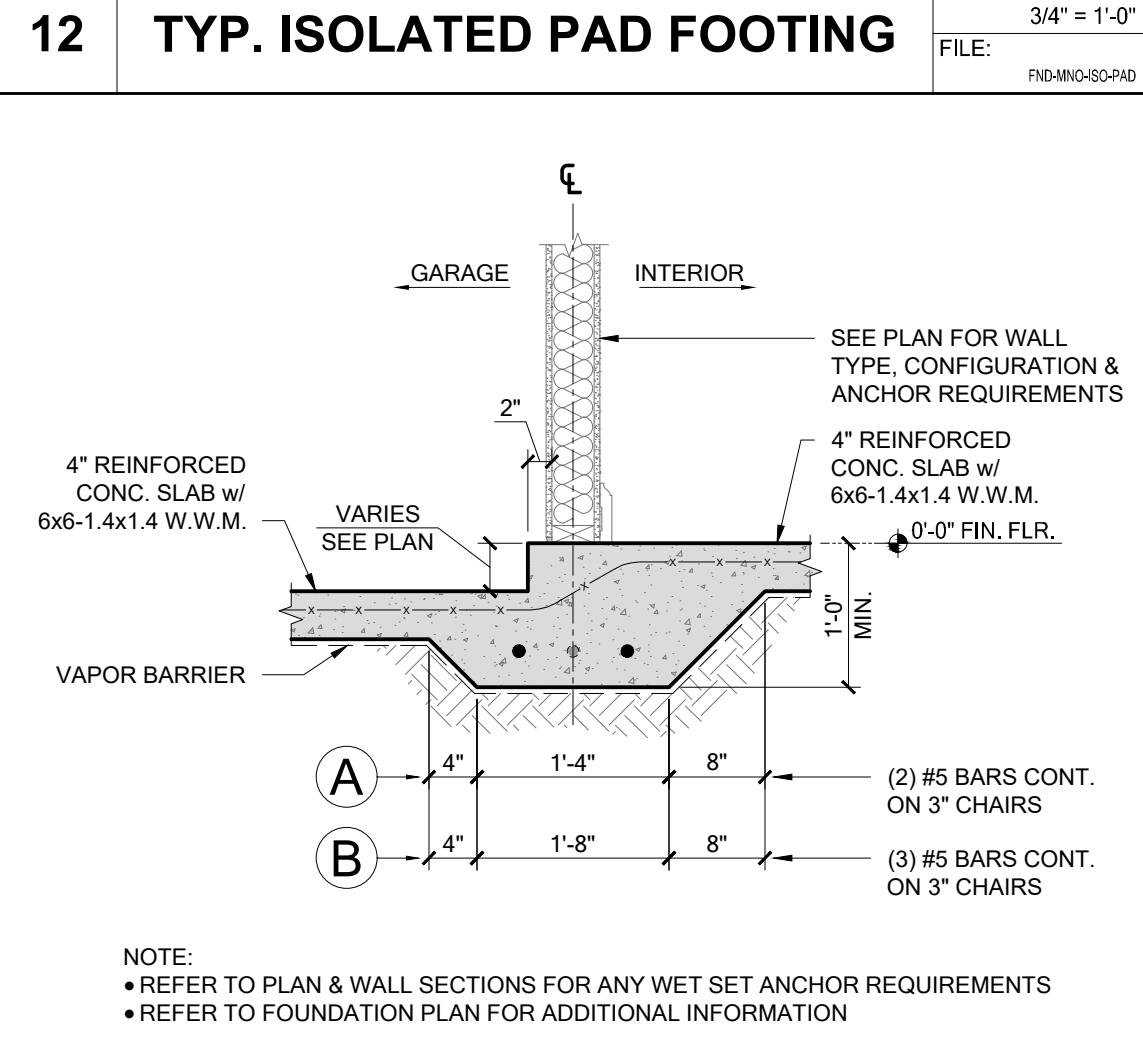
14 TYP. ADJACENT SLAB
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDGENADJ.SB



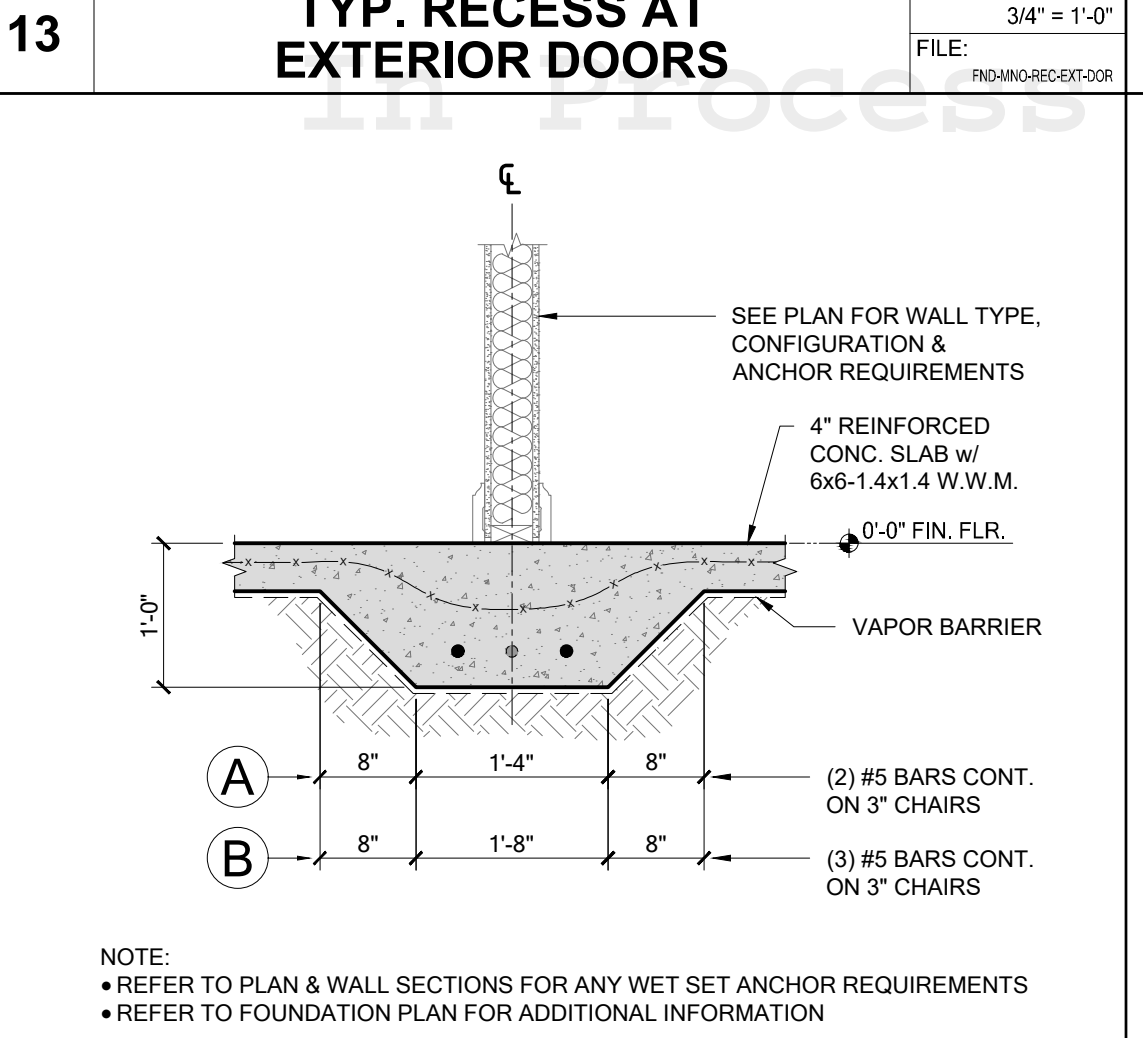
15 TYP. THICKENED SLAB EDGE
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDREC150.DOR



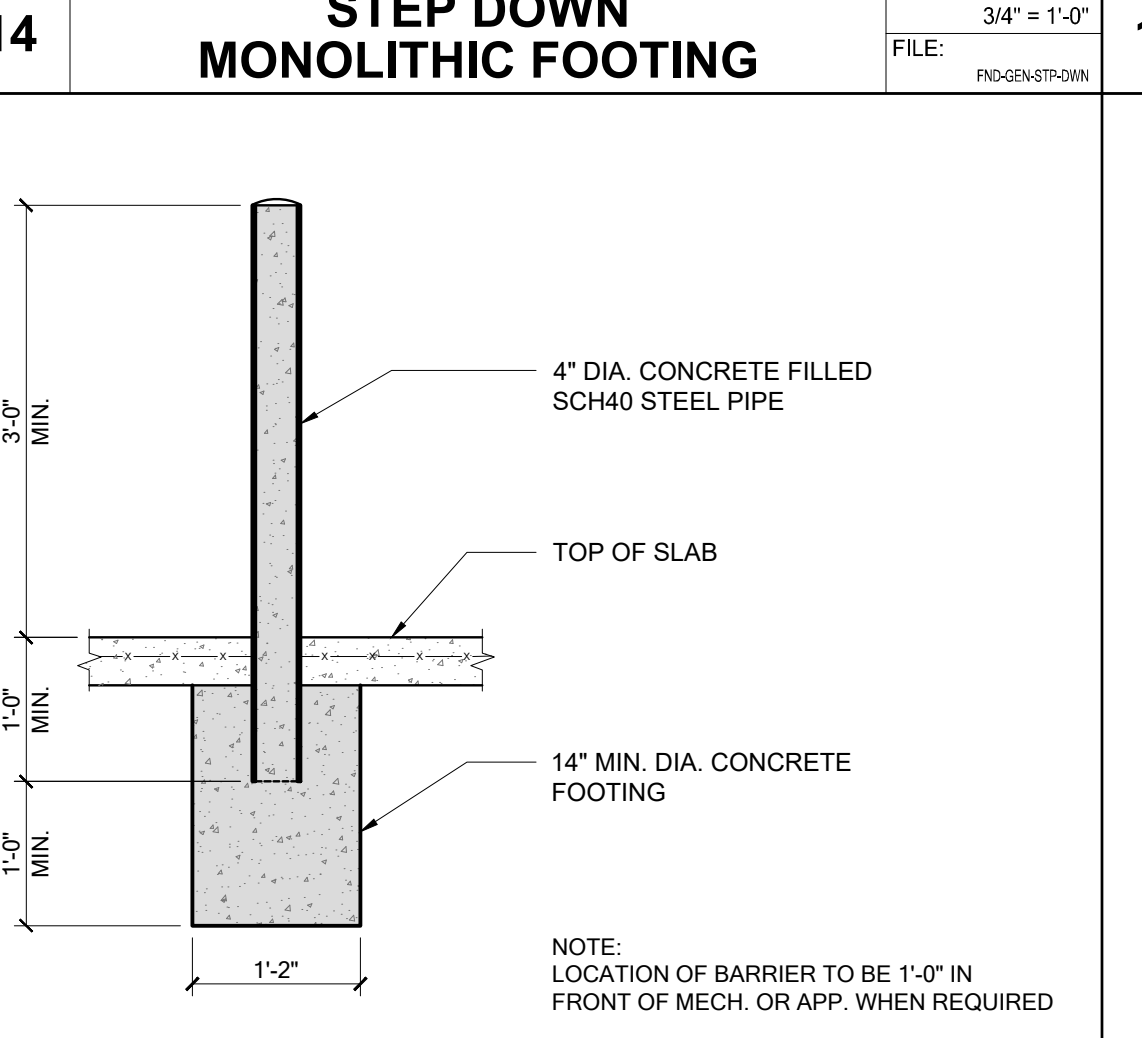
06 TYP. STEP IN SLAB (NON-BEARING)
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDSEP133



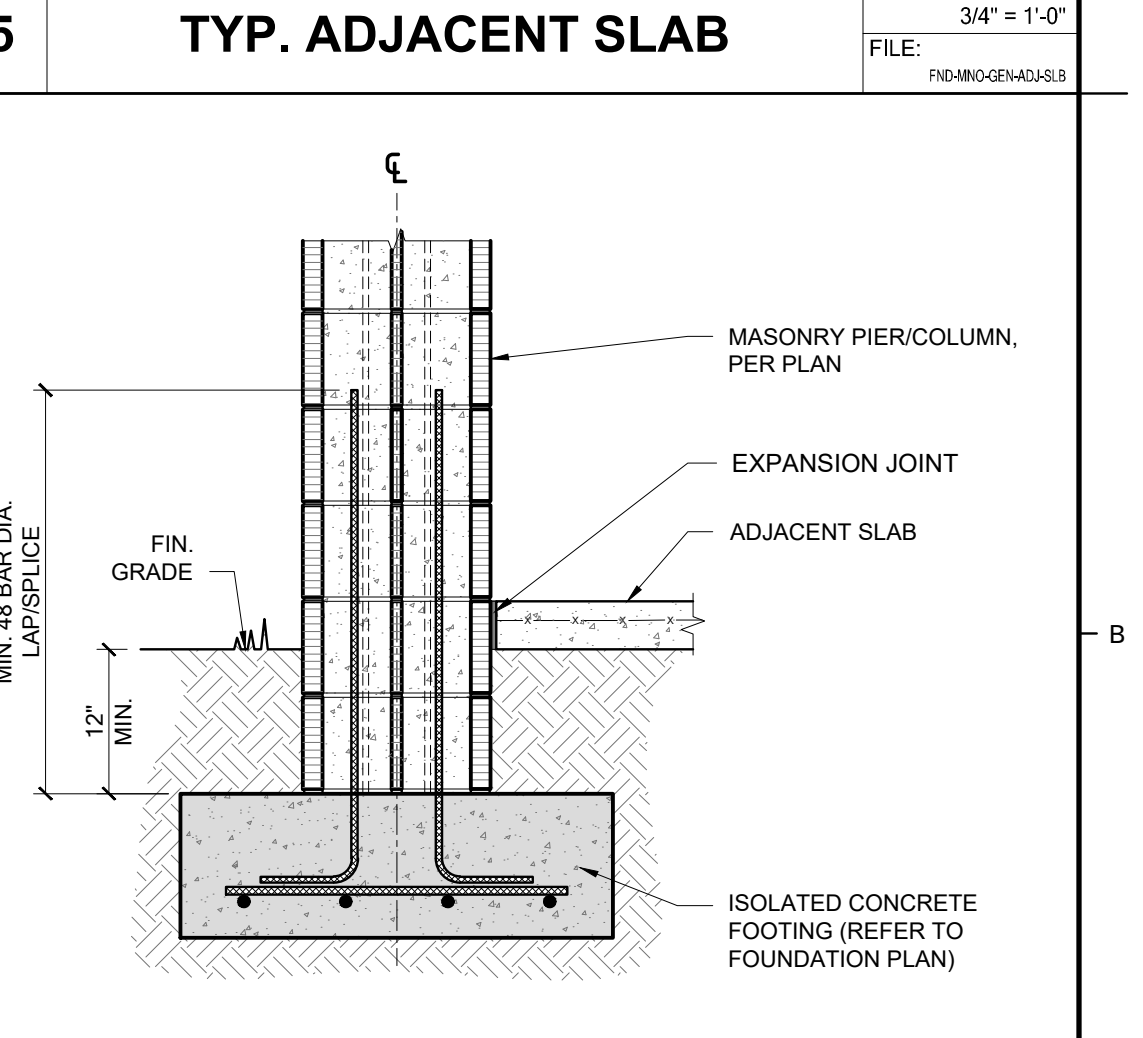
07 STEPPED SLAB AT GARAGE BEARING WALL
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDSEP134



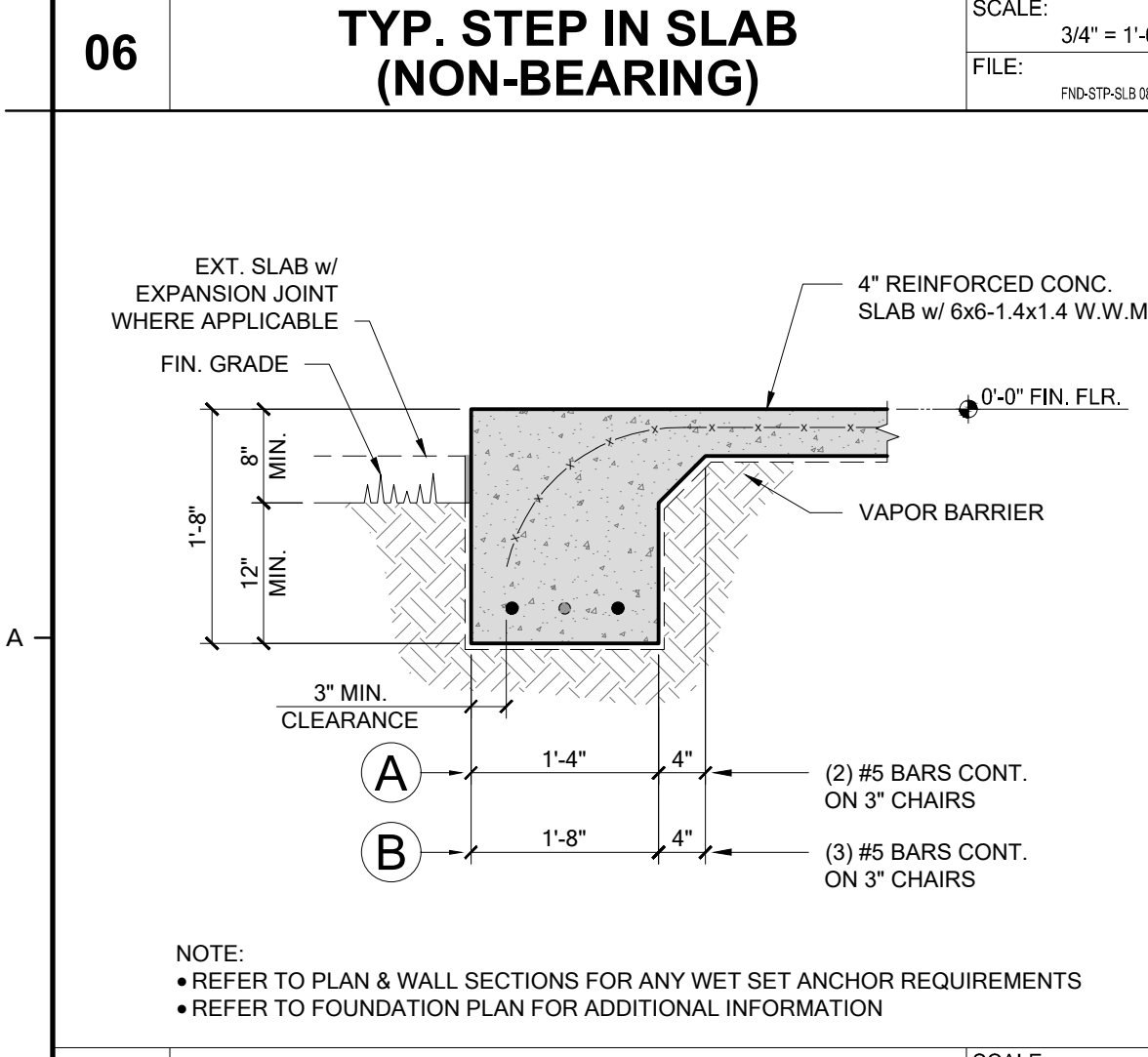
08 TYP. PROTECTION BARRIER DETAIL
 SCALE: 3/4" = 1'-0"
 FILE: FNDGENBAR



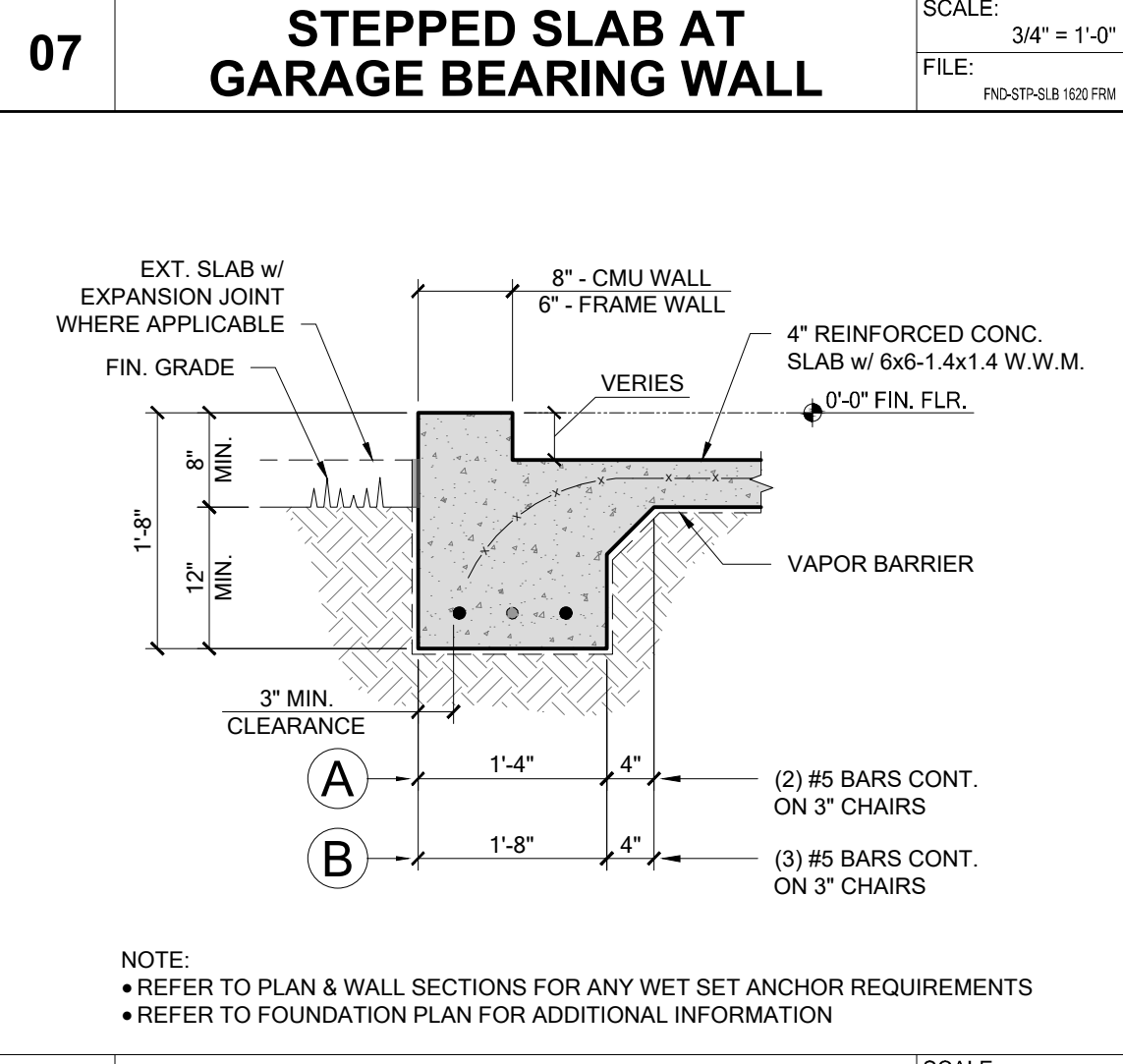
09 TYP. ISOLATED COLUMN
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDREC150.DOR



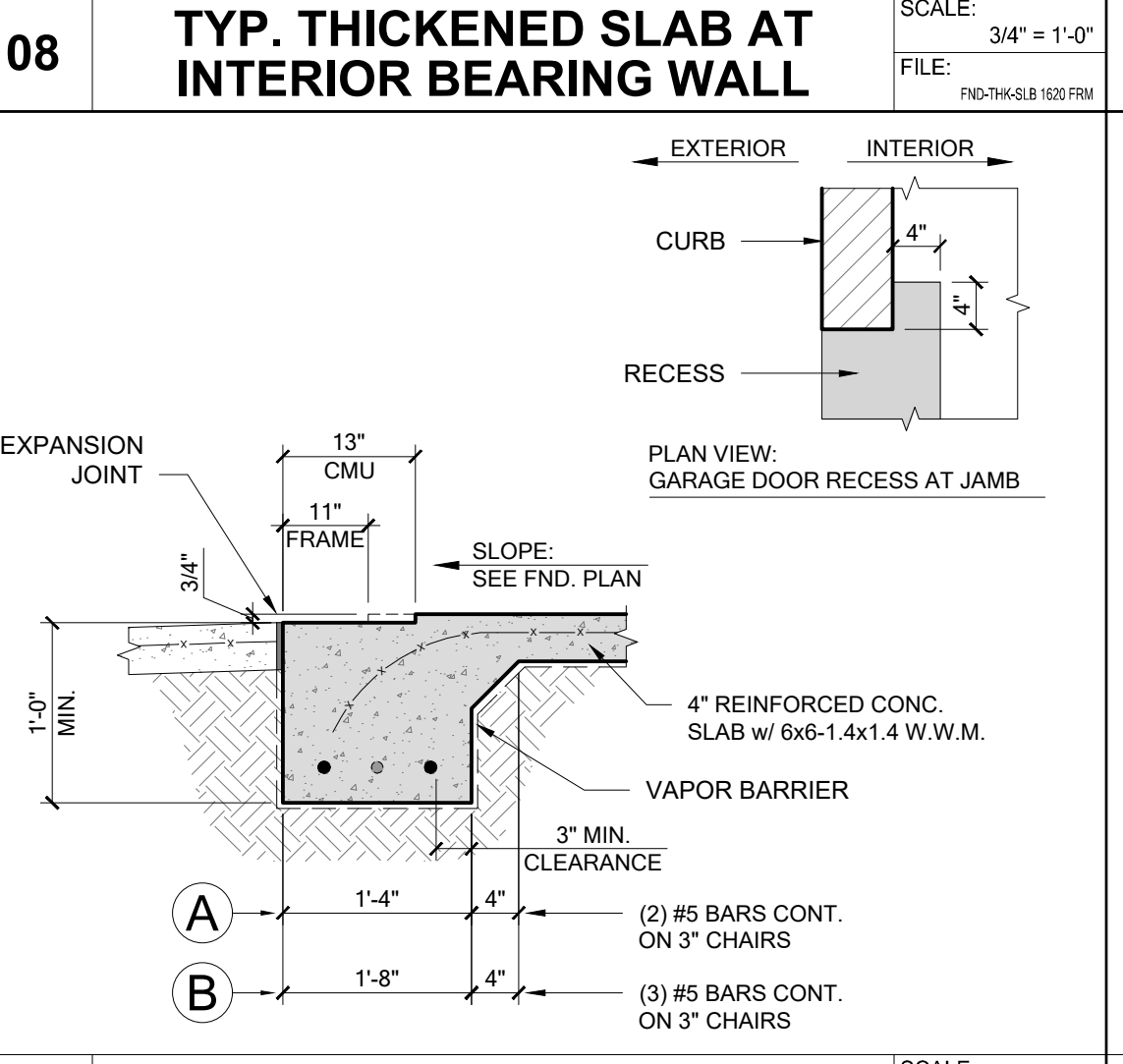
10 TYP. MONOLITHIC FOOTING AT GARAGE CURB
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDREC150.DOR



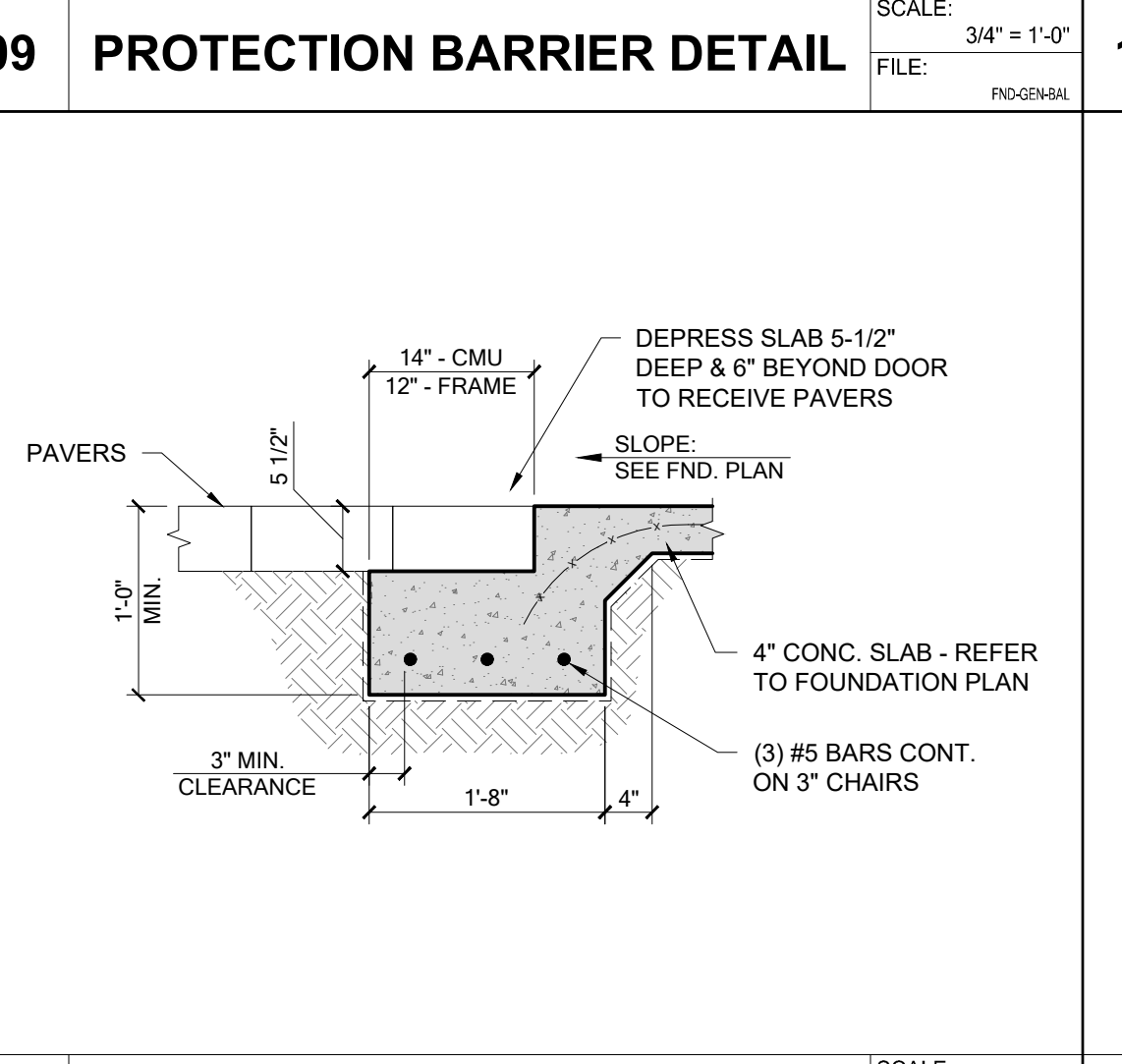
01 TYP. MONOLITHIC FOOTING
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDREC150



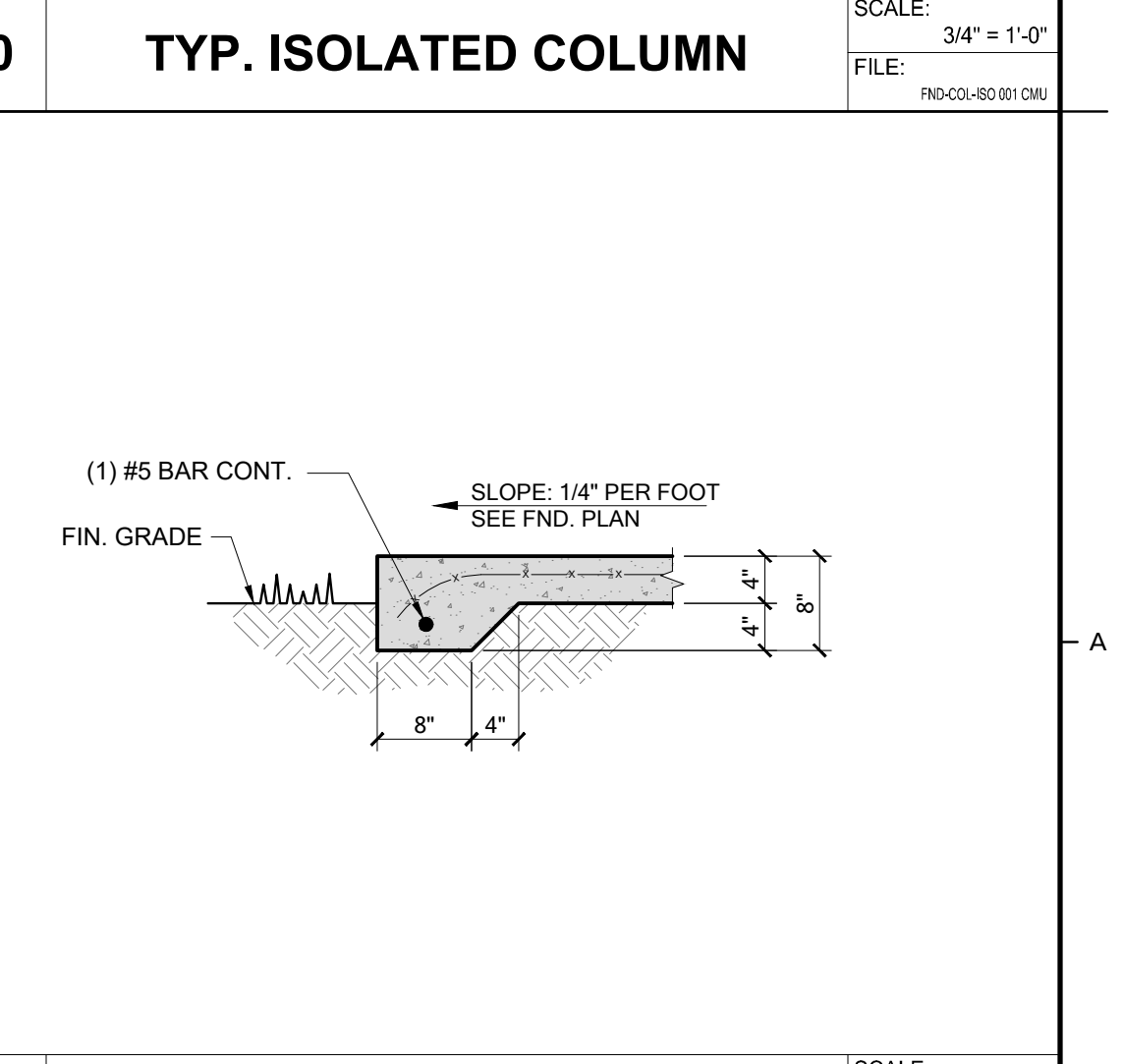
02 TYP. MONOLITHIC FOOTING AT GARAGE CURB
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDREC150



03 TYP. FOOTING / RECESS AT OVER HEAD DOOR
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDREC150.DOR



04 OPT. FOOTING AT GARAGE DOOR TO RECEIVE PAVERS
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDREC150.DOR



05 TYP. THICKENED SLAB EDGE
 SCALE: 3/4" = 1'-0"
 FILE: FNDINDREC150

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 1197 WEST DIAMOND SHORE LOOP
 HERNANDO, FL 34442
 T: 407.758.8377 | www.Arcidynamics.com

DAVILA HOMES CONSTRUCTION
 4211 LIBAULT ROAD, SUITE 101
 T: 407.987.7195 | www.DavilaHomes.com

BELLA COLLINA
 COMMUNITY: BELLA COLLINA
 BLOCK: 78
 LOT: 78
 ADDRESS: 16009 VETTA DRIVE
 MONTVERDE, FLORIDA 34756

CONTROL:
 PLAN NUMBER: 3190G
 PLAN NAME: MILOS
 SERIES: 1.0
 VERSION: 1.0

REVISIONS:

MARK	DATE	DESCRIPTION

DESIGN PROFESSIONAL OF RECORD:
ERIK J. FRED, AIA
 156 DELAFIELD LN.,
 NEWBURGH, NY 12550

PROFESSIONAL SEAL:



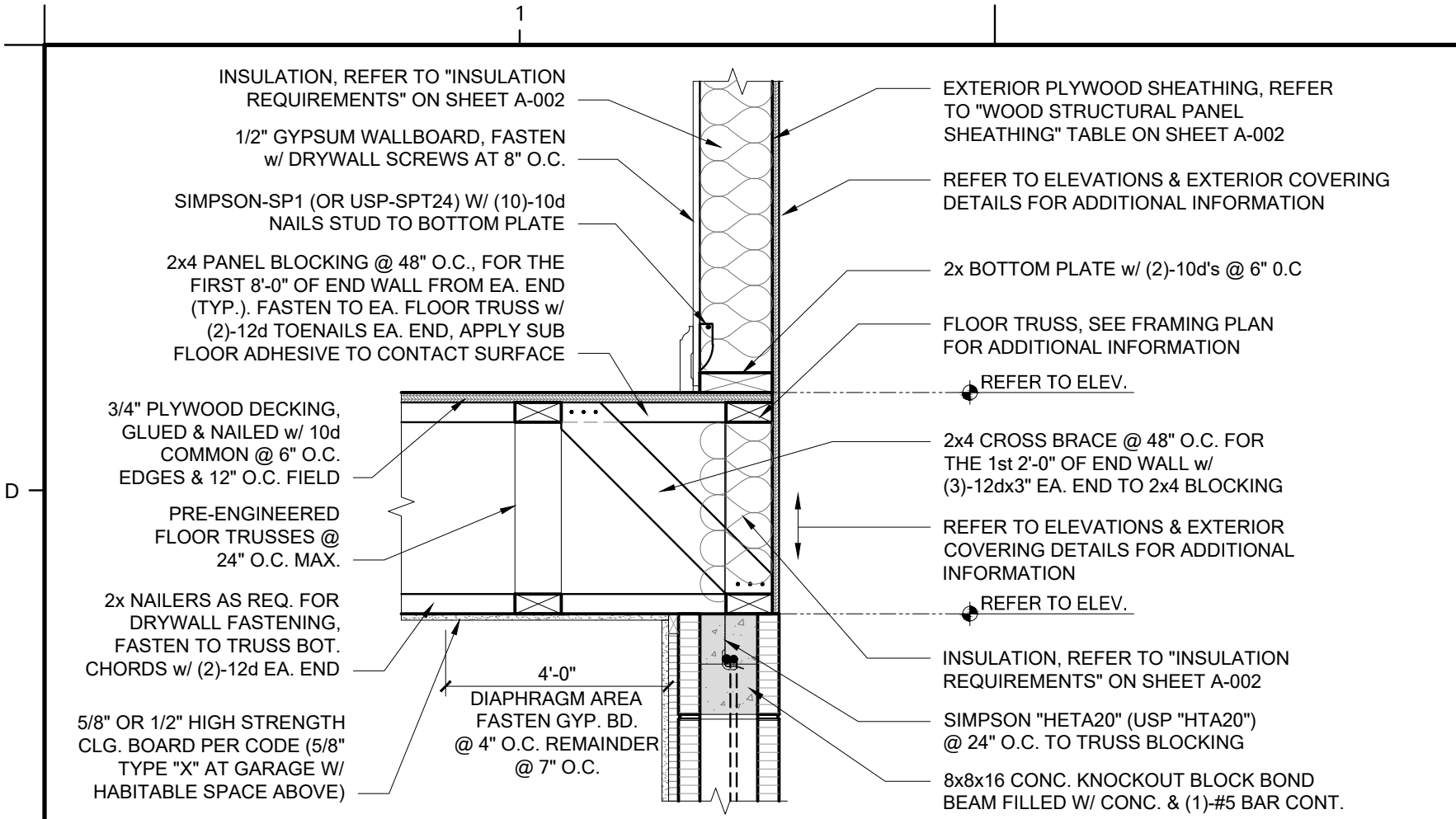
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DETAILS - FOUNDATION

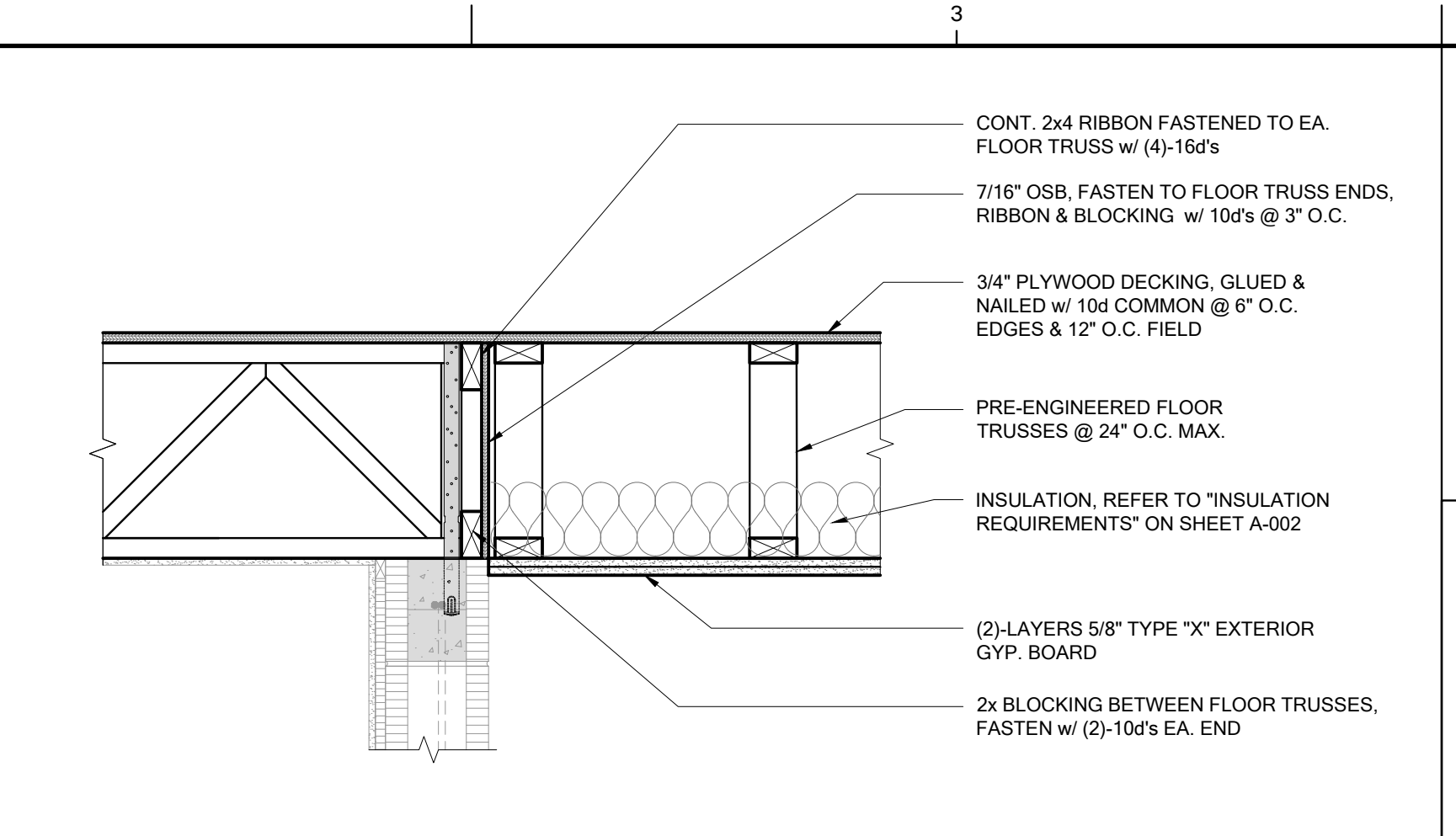
SHEET NUMBER:
A-901



01A TYP. GABLE END FLOOR TRUSS TO MASONRY WALL

SCALE: 1" = 1'-0"

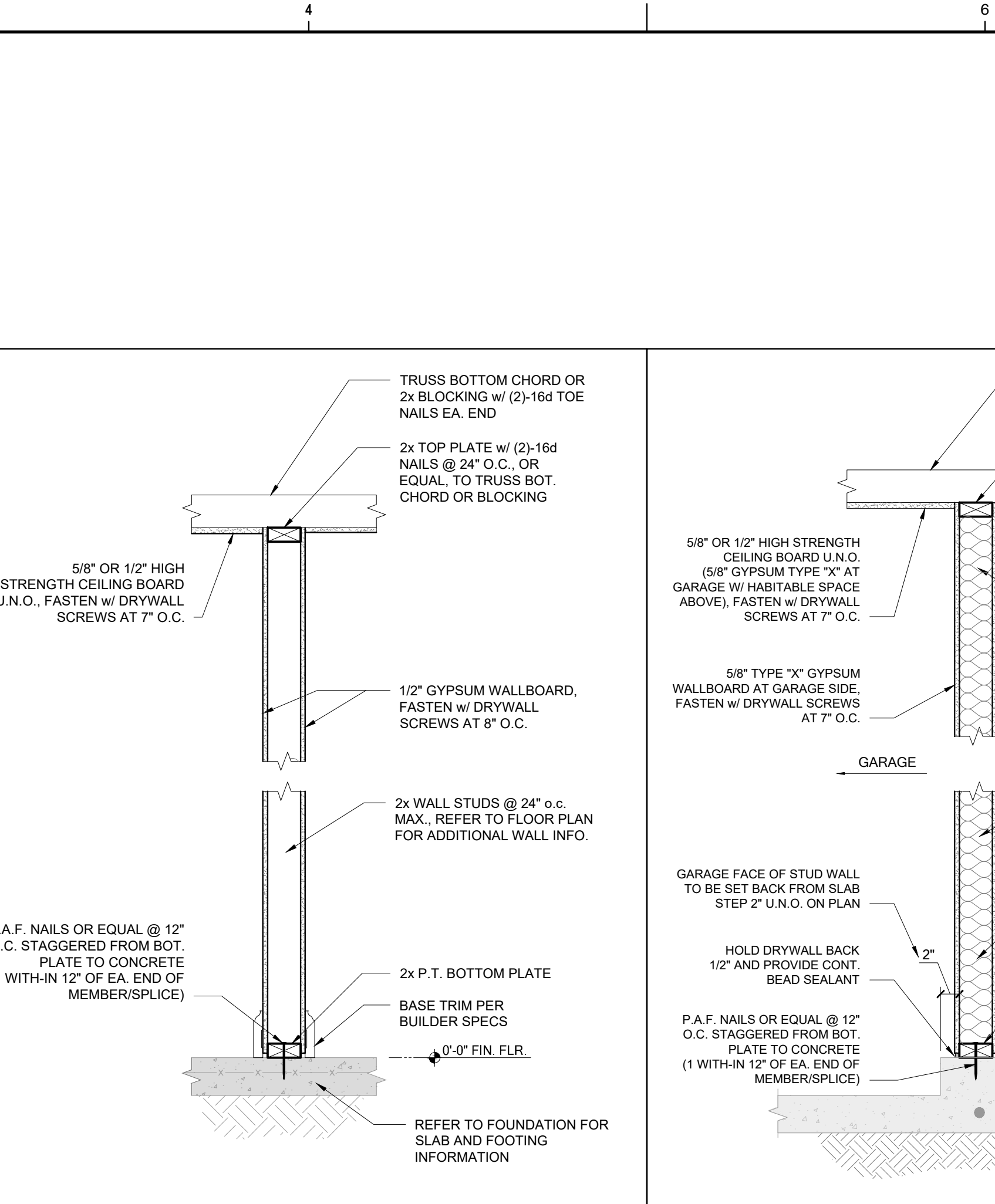
FILE: WAL-EXT-2011-01A-FRM



06 KITCHED TO LANAI FLOOR TRANSITION

SCALE: 1" = 1'-0"

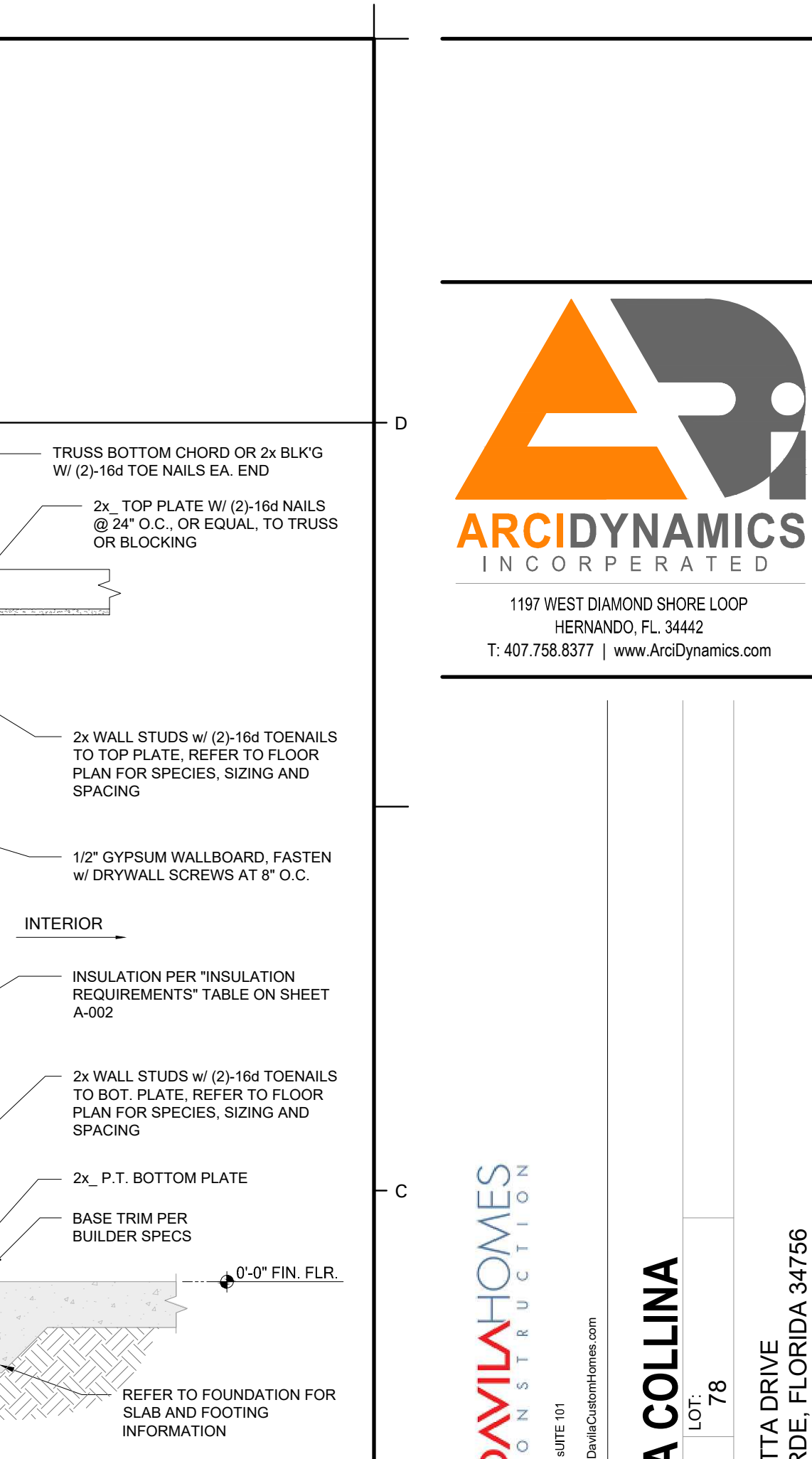
FILE: WAL-EXT-2011-06U-FRM (MSG)



04 TYP. INTERIOR NON-BEARING WALL SECTION

SCALE: 1" = 1'-0"

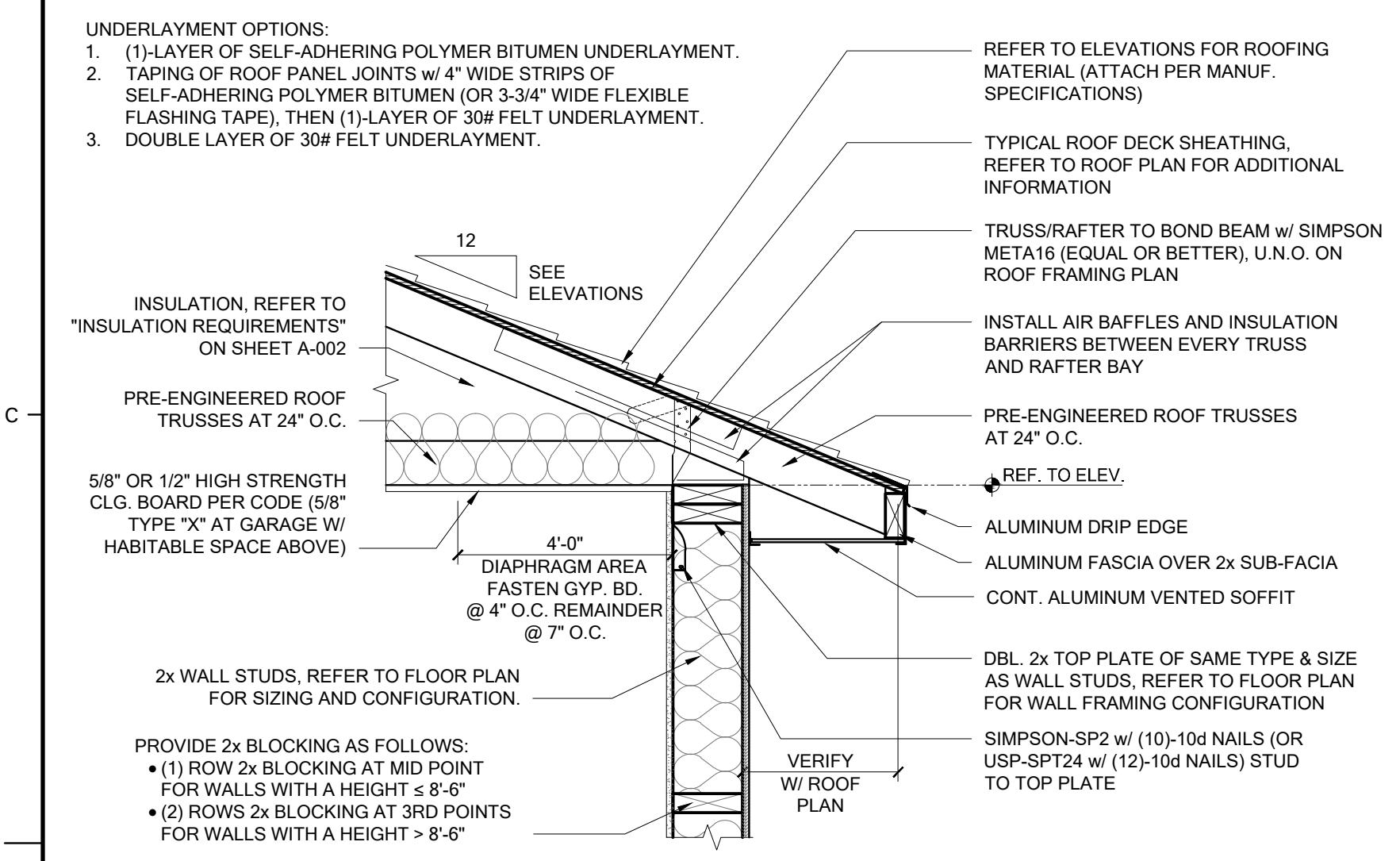
FILE: WAL-INT-001-FRM (FRM)



05 TYP. INTERIOR NON-BEARING WALL AT GARAGE STEP

SCALE: 1" = 1'-0"

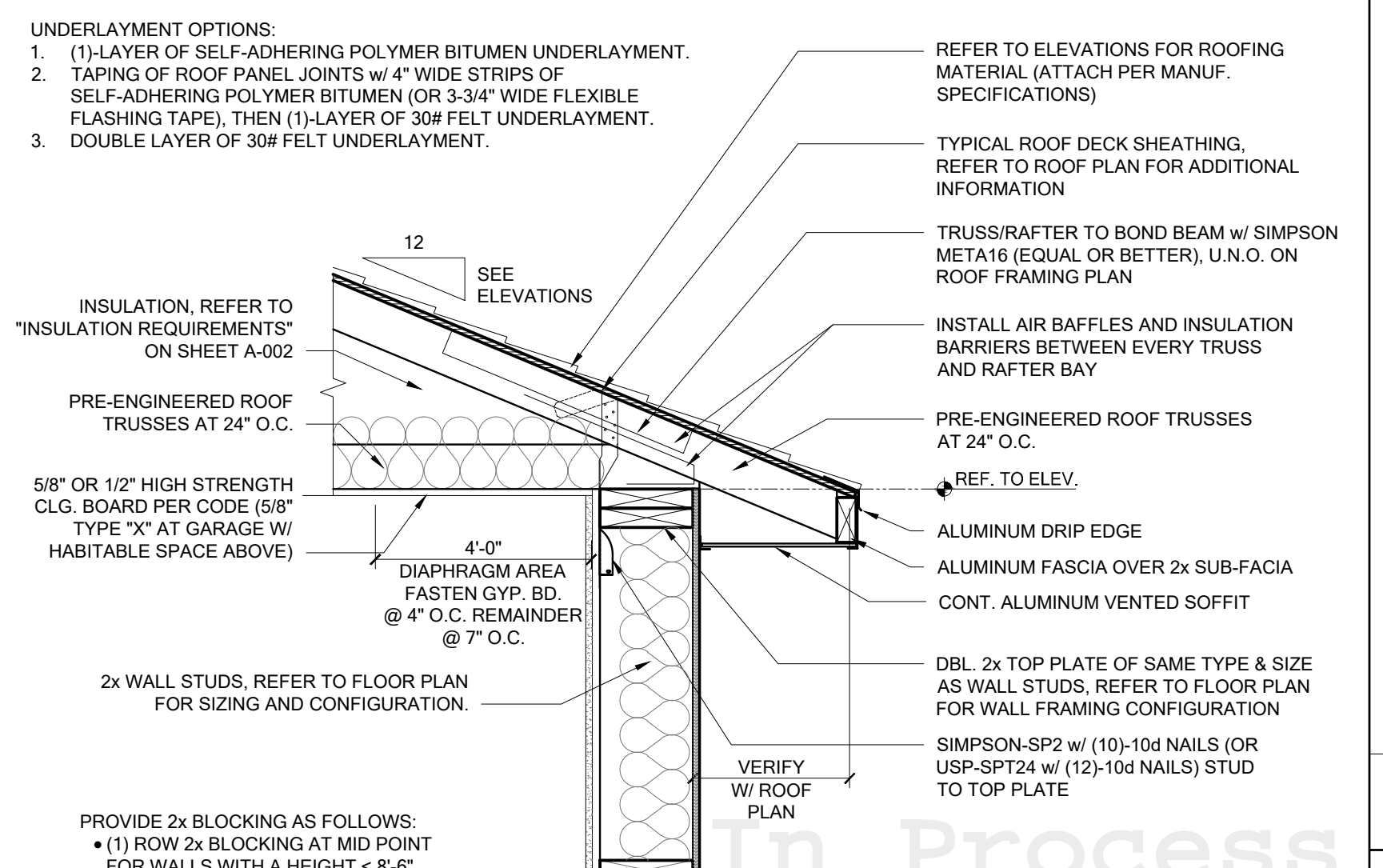
FILE: WAL-INT-011-FRM (FRM) (GA-STEP)



01 TYP. 2-STORY EXTERIOR WALL SECTION

SCALE: 1" = 1'-0"

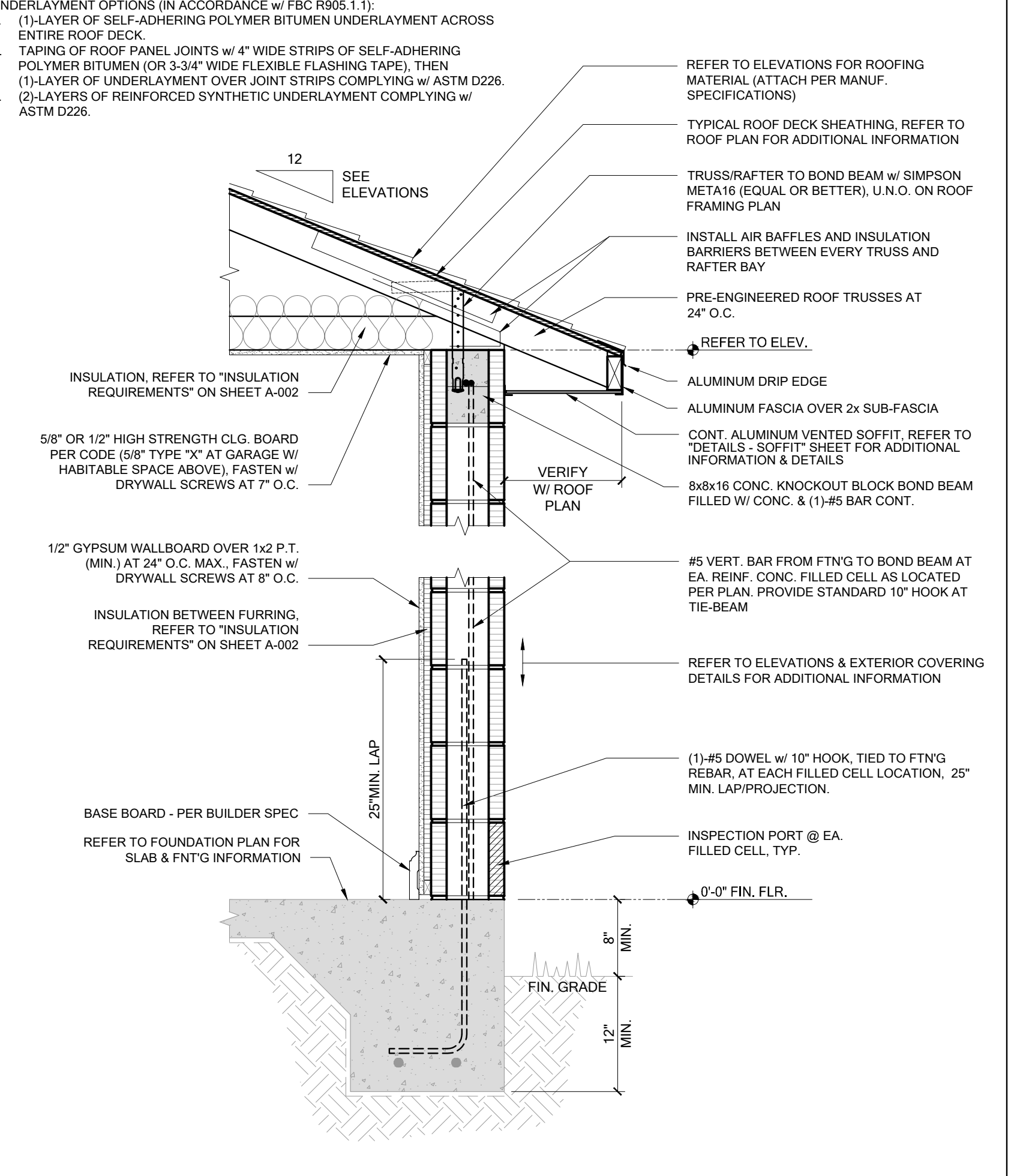
FILE: WAL-EXT-2010-01U-FRM



02 TYP. 2-STORY EXTERIOR WALL SECTION AT 2-STORY CEILING HEIGHT

SCALE: 1" = 1'-0"

FILE: WAL-EXT-2010-02U-FRM



03 TYP. 1-STORY EXTERIOR WALL SECTION

SCALE: 1" = 1'-0"

FILE: WAL-EXT-101-03U-MSG



CONTROL:

PLAN NUMBER: 3190G
PLAN NAME: MILOS
SERIES:
VERSION: 1.0

REVISIONS:

MARK	DATE	DESCRIPTION

DESIGN PROFESSIONAL OF RECORD:

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156 DELAFIELD LN.
NEWBURGH, NY 12550

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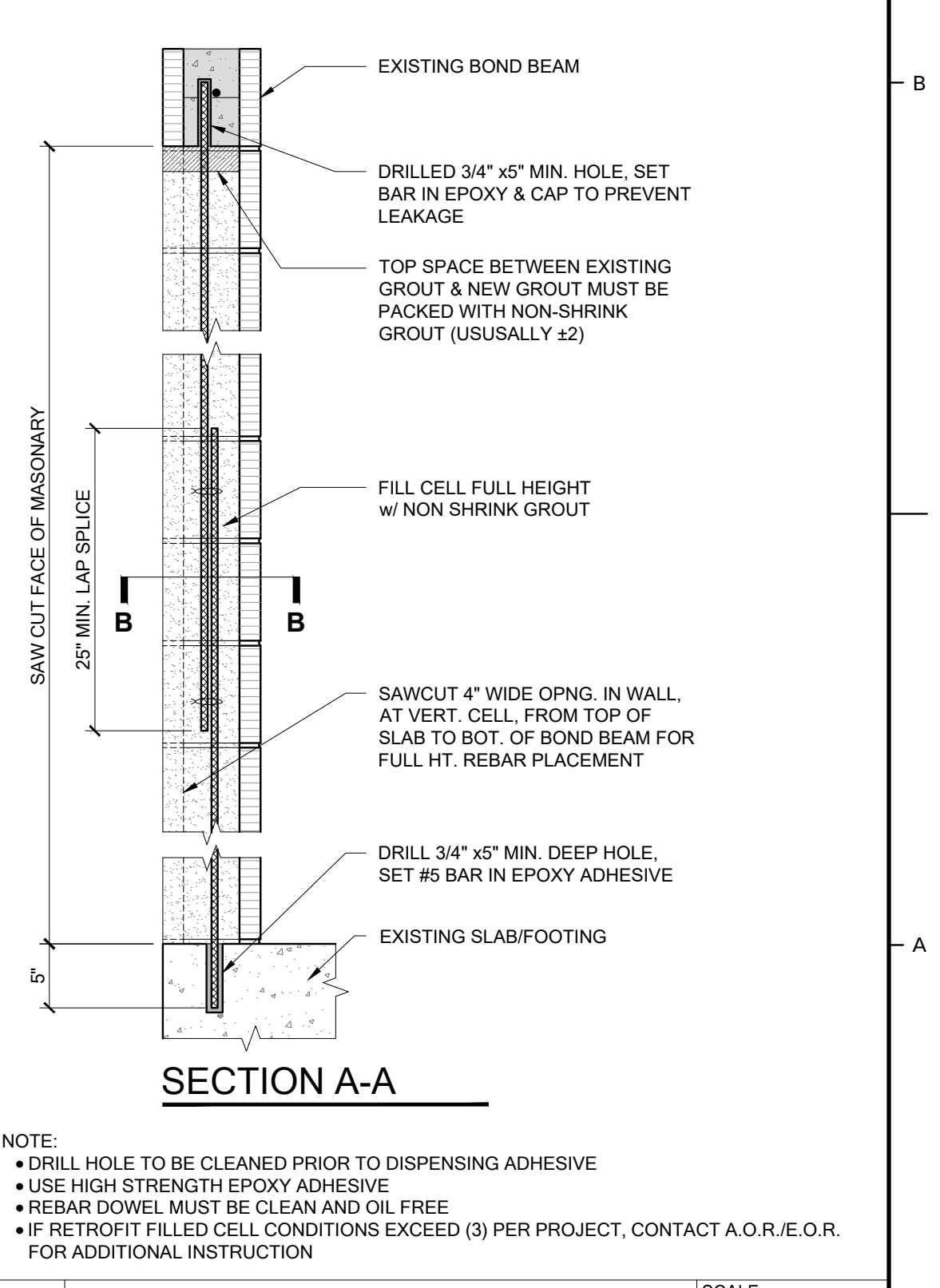
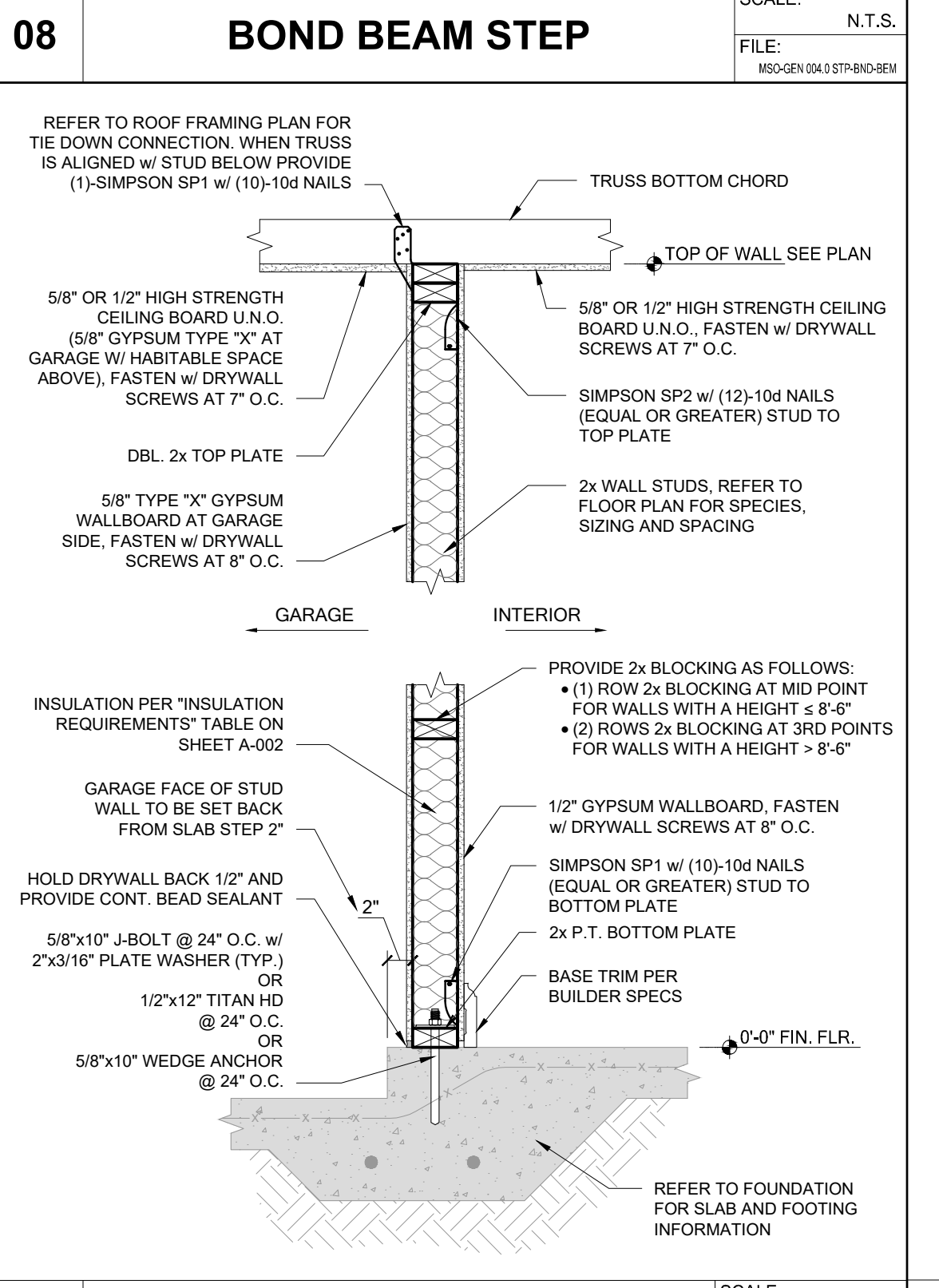
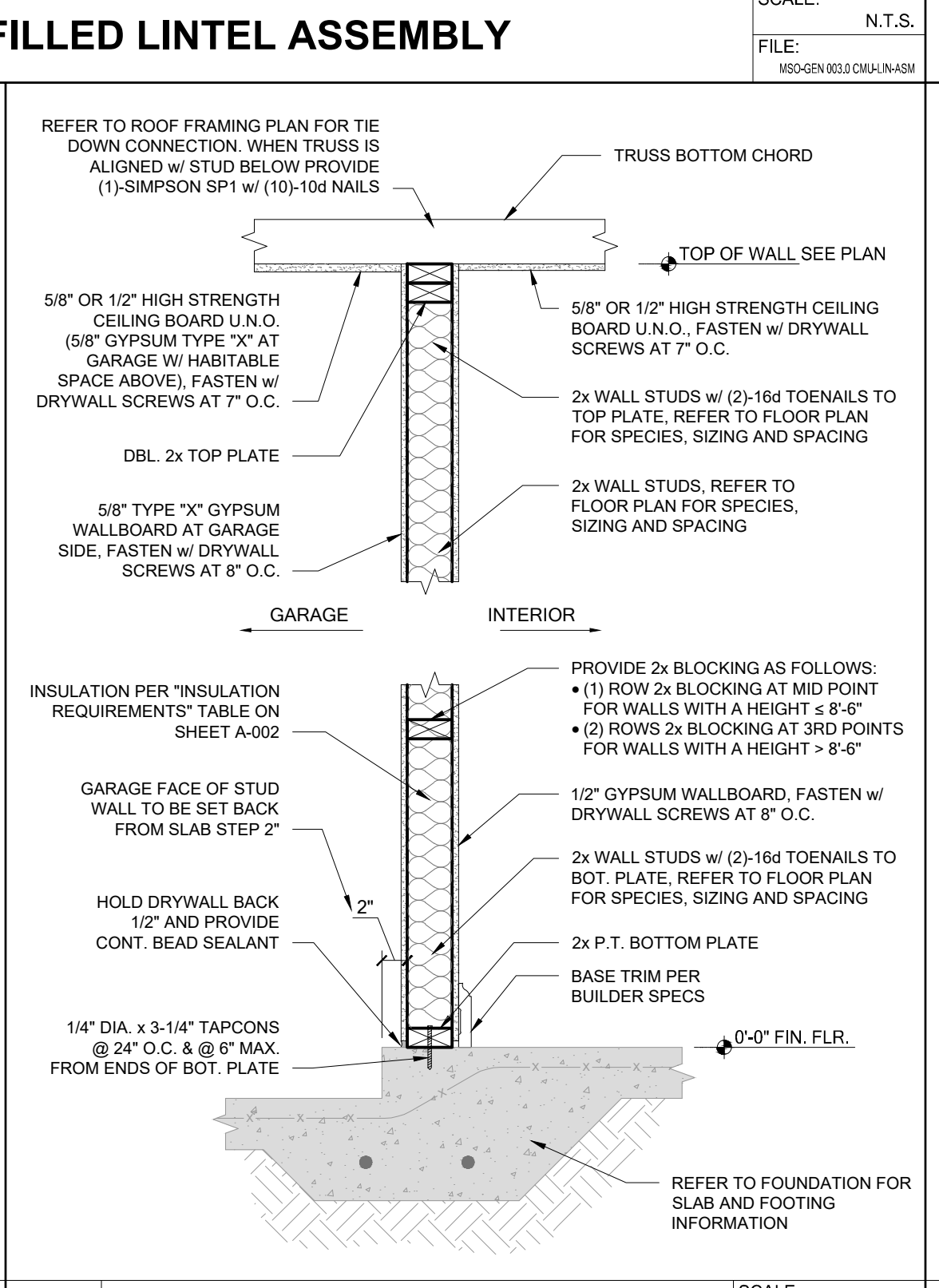
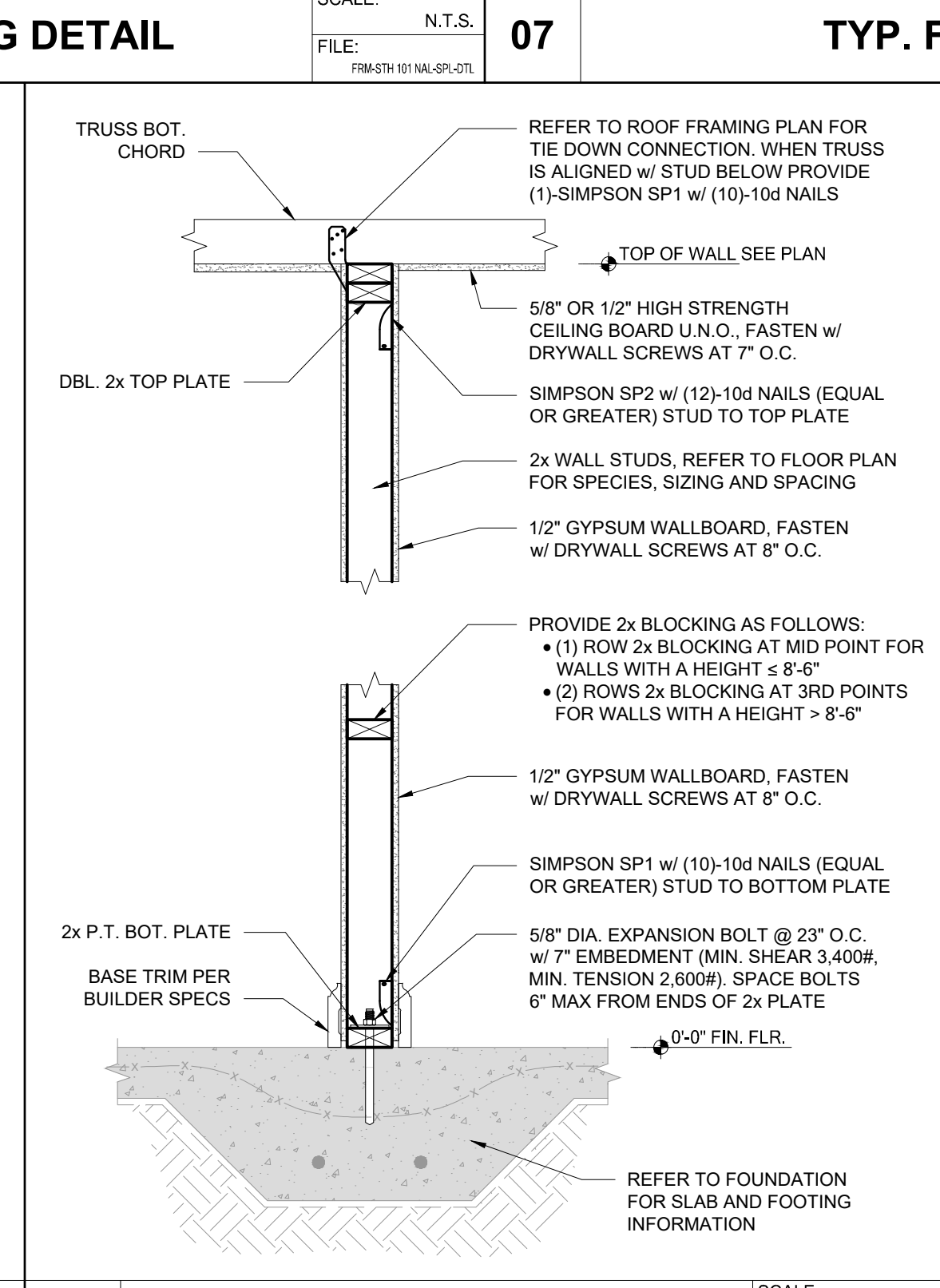
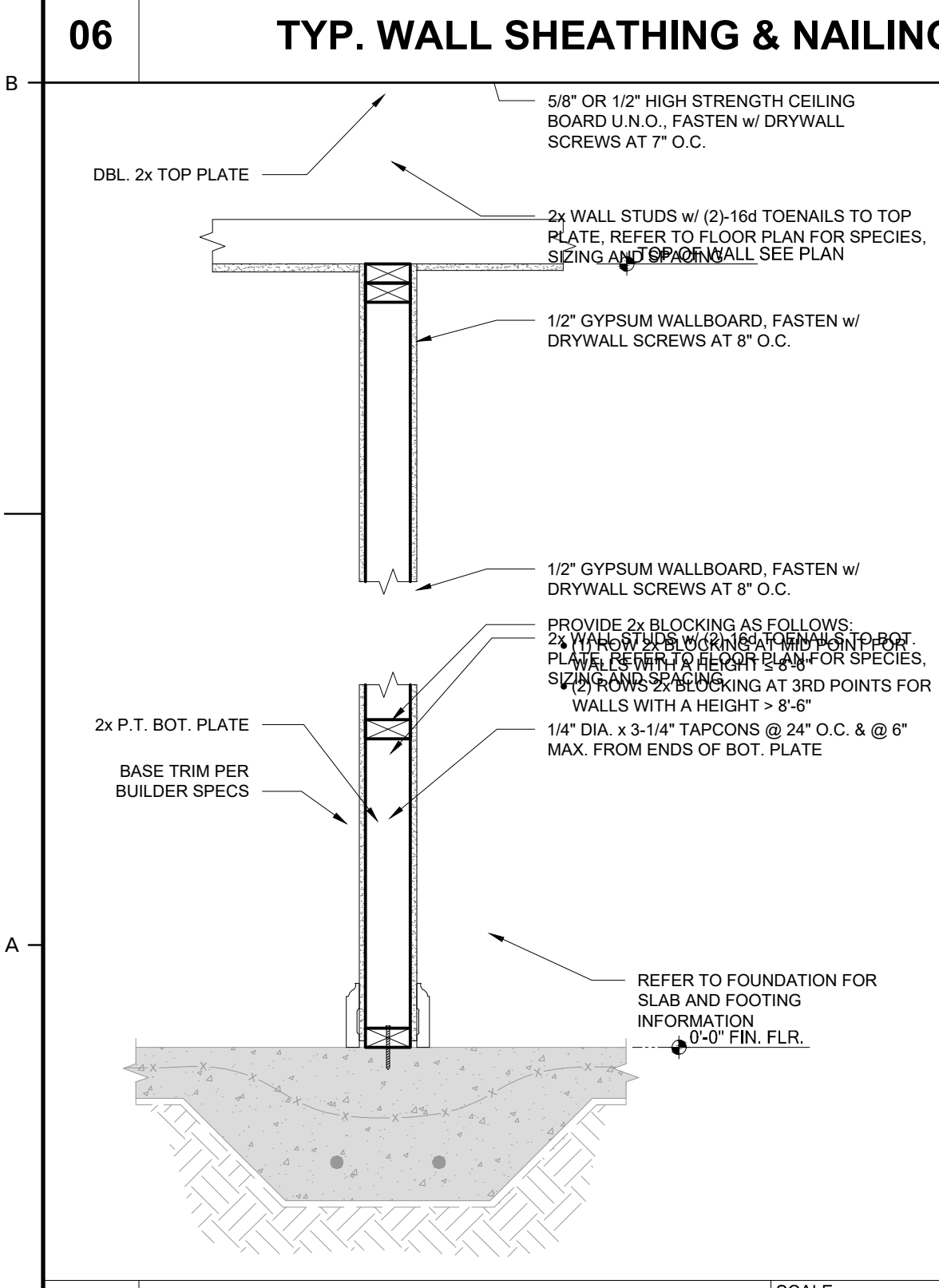
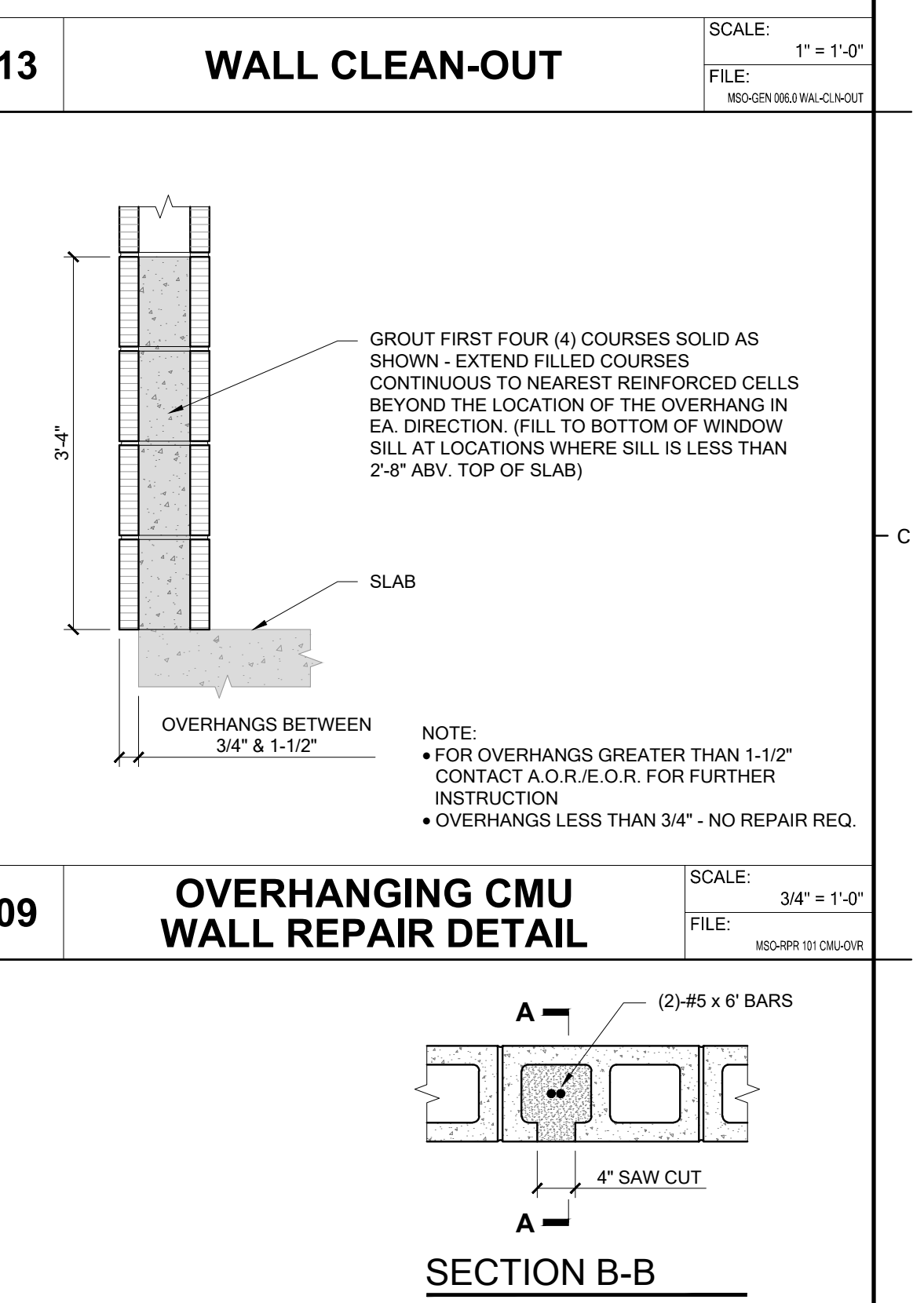
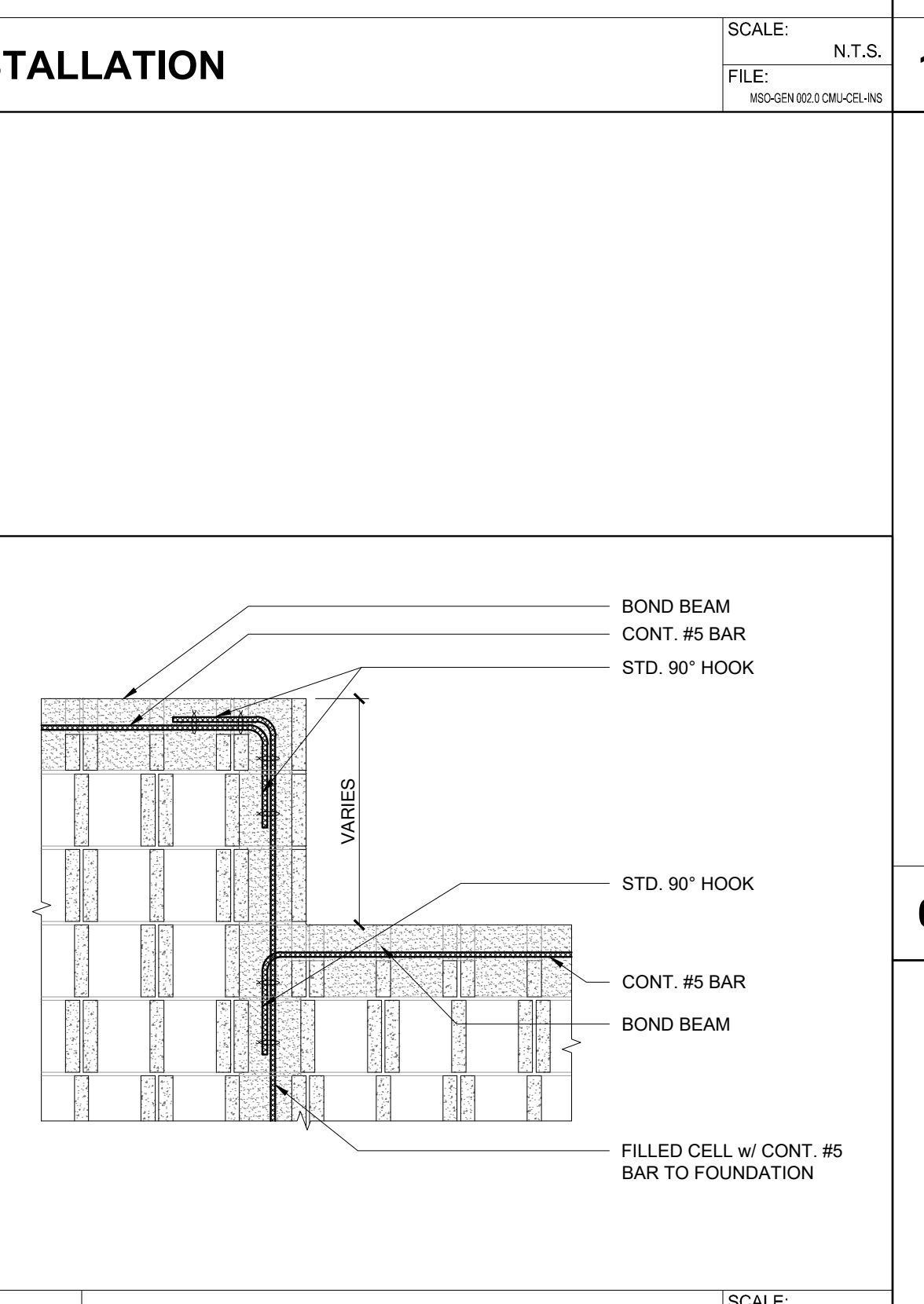
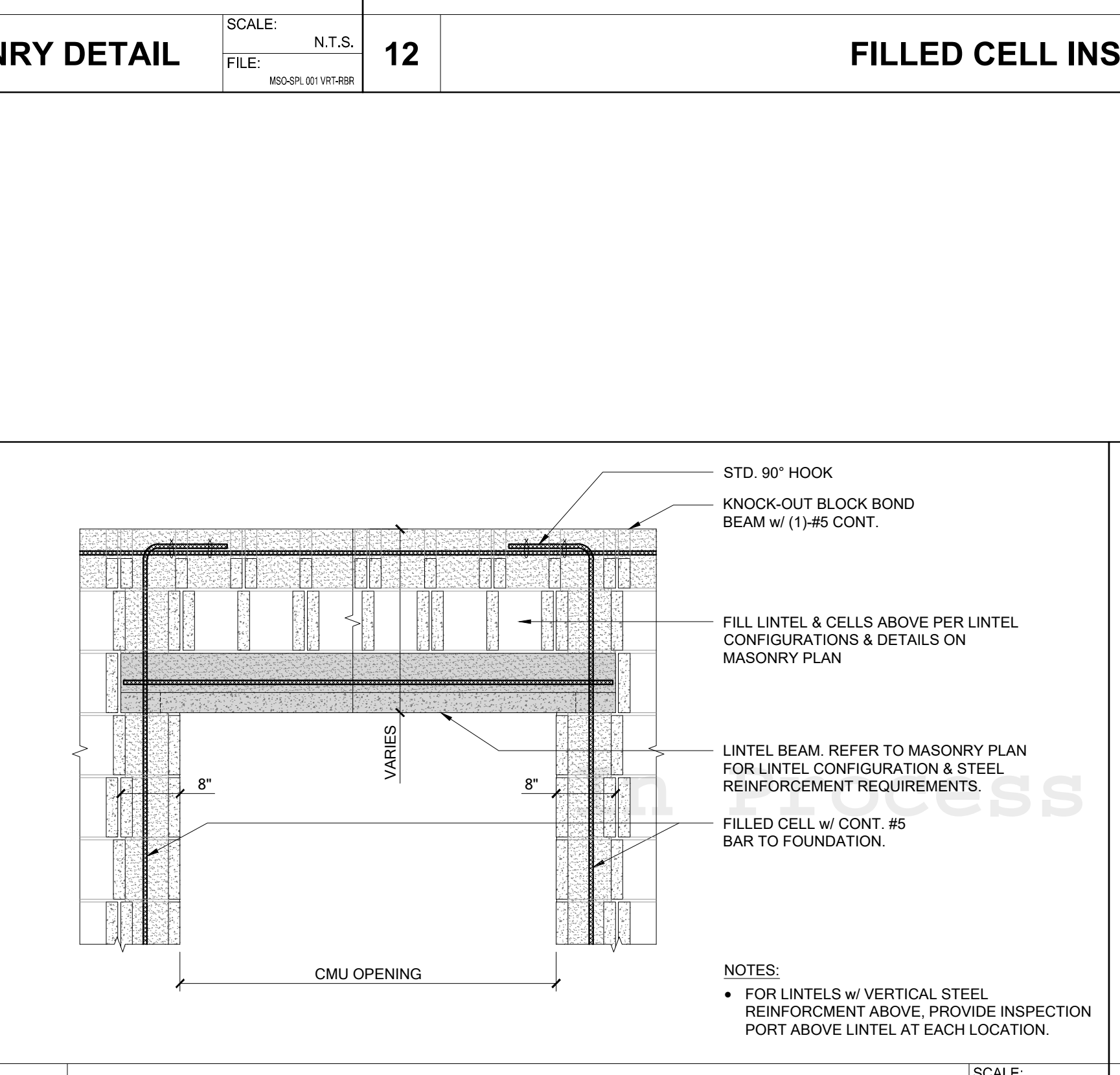
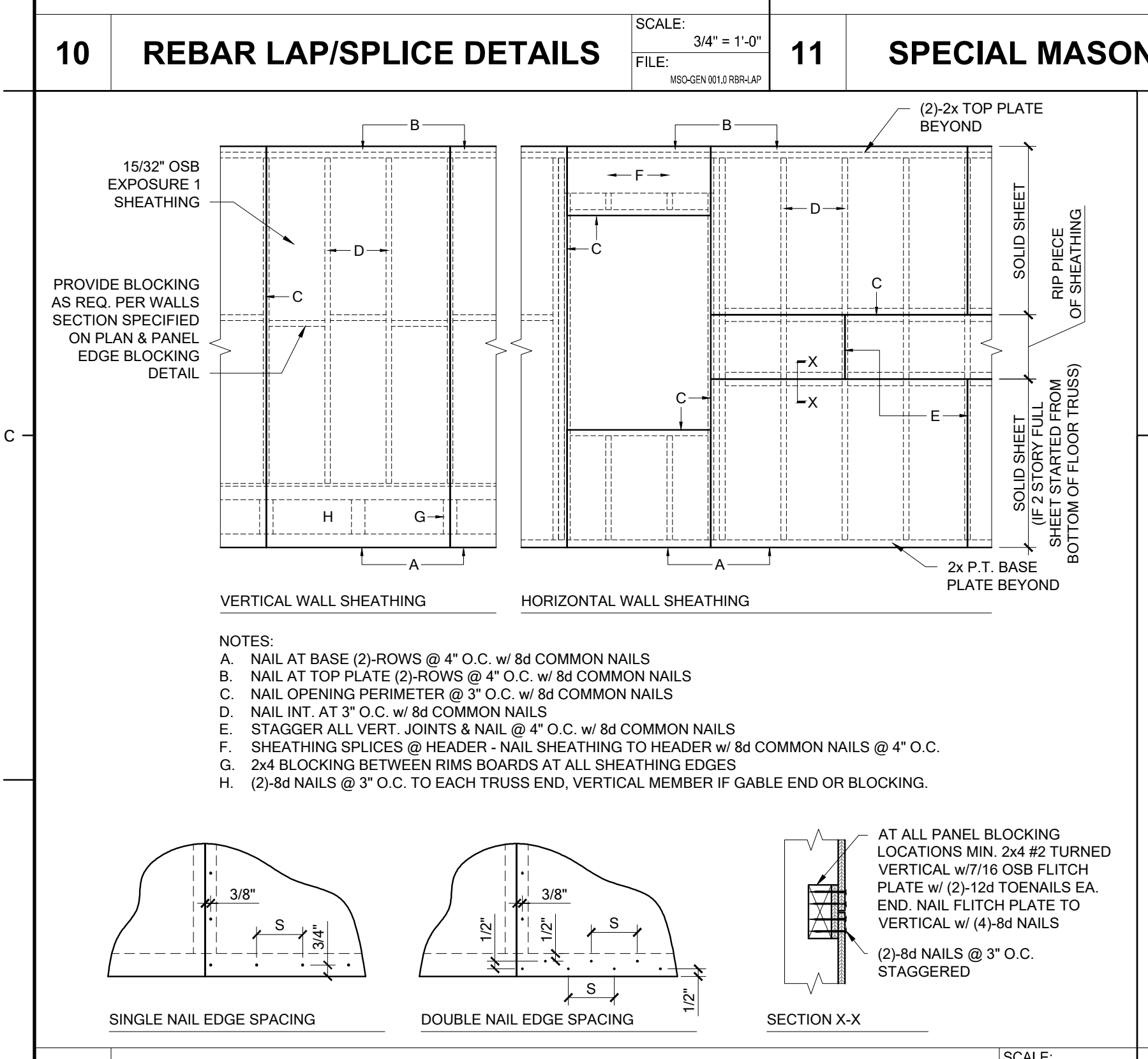
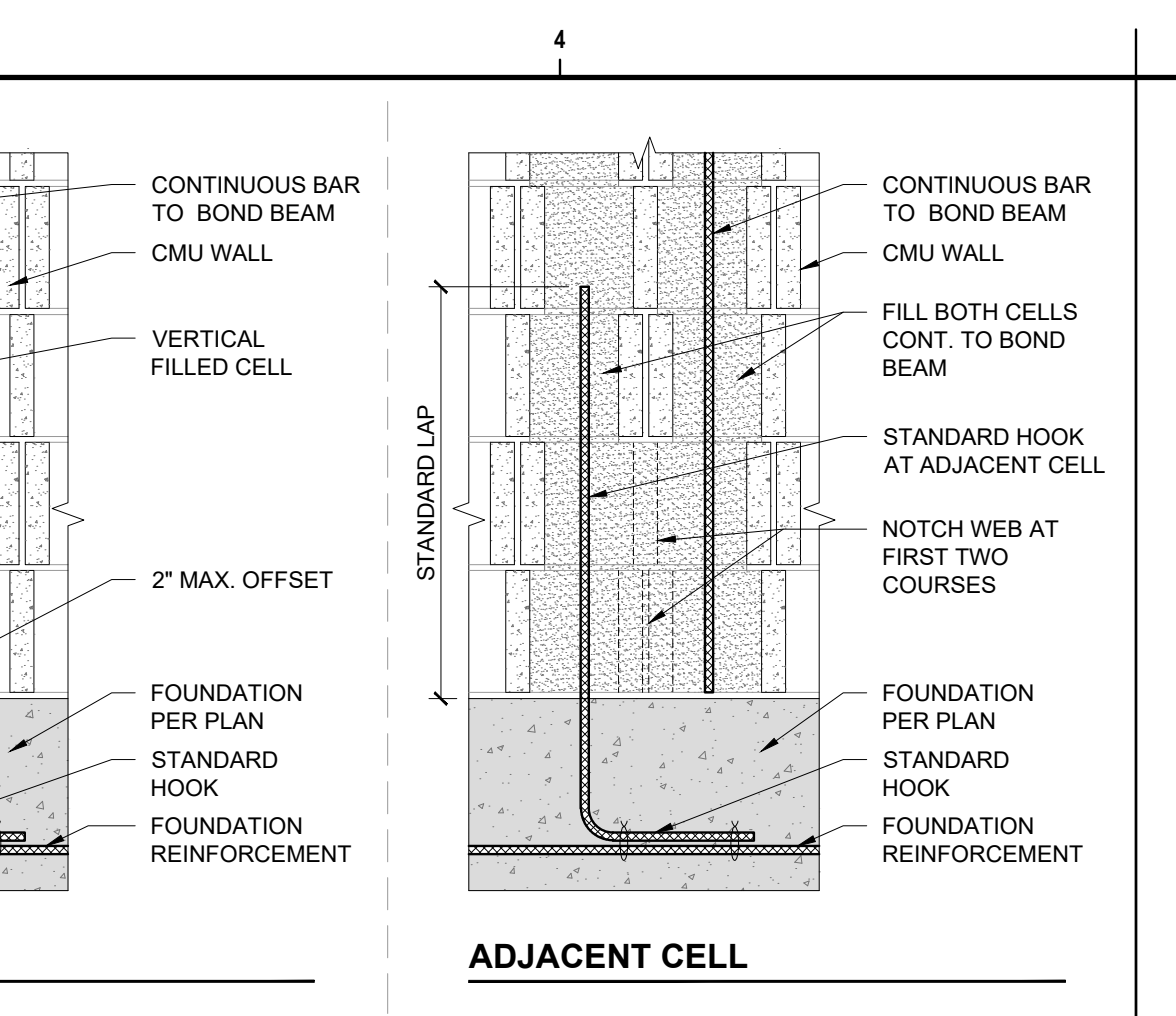
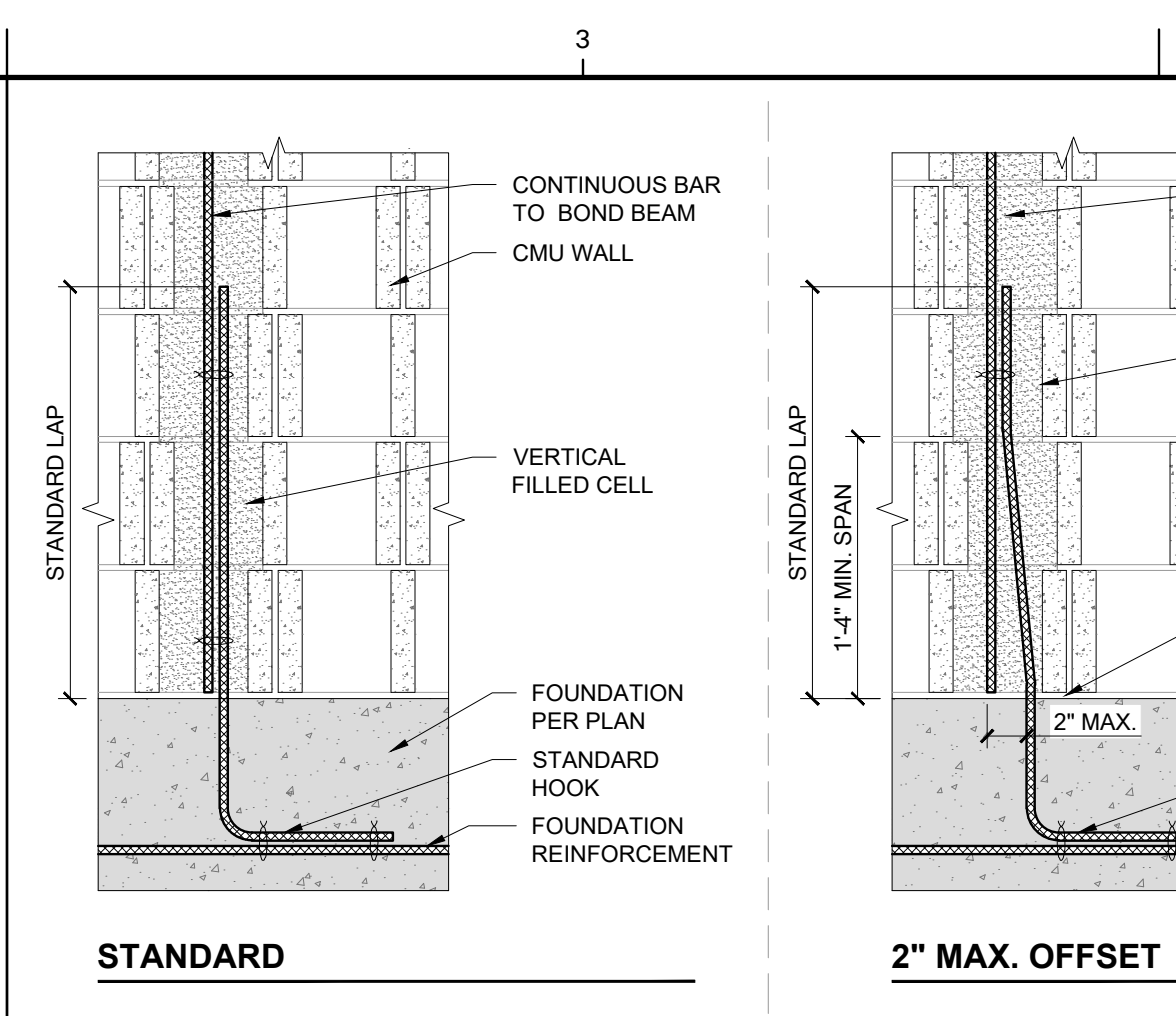
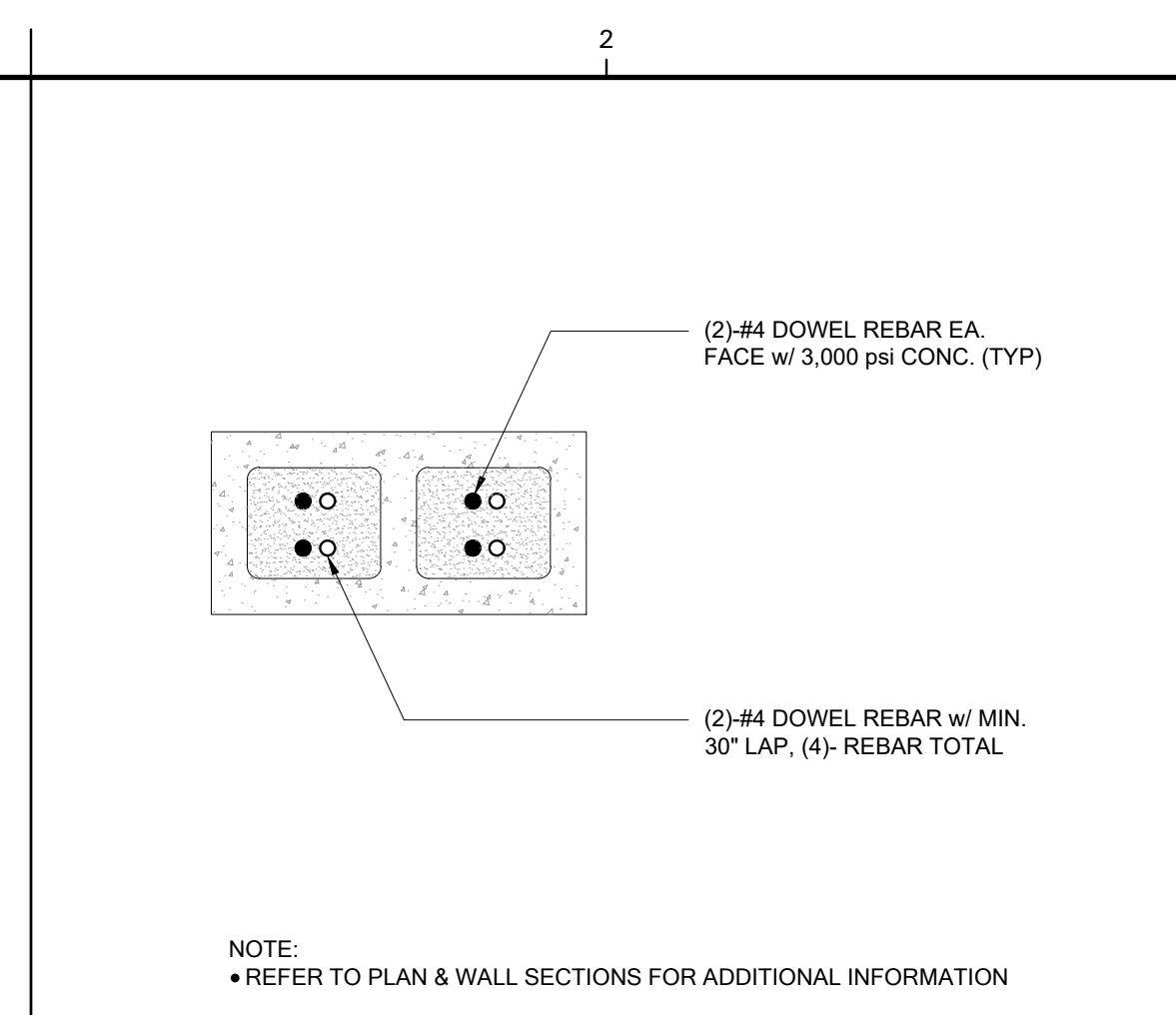
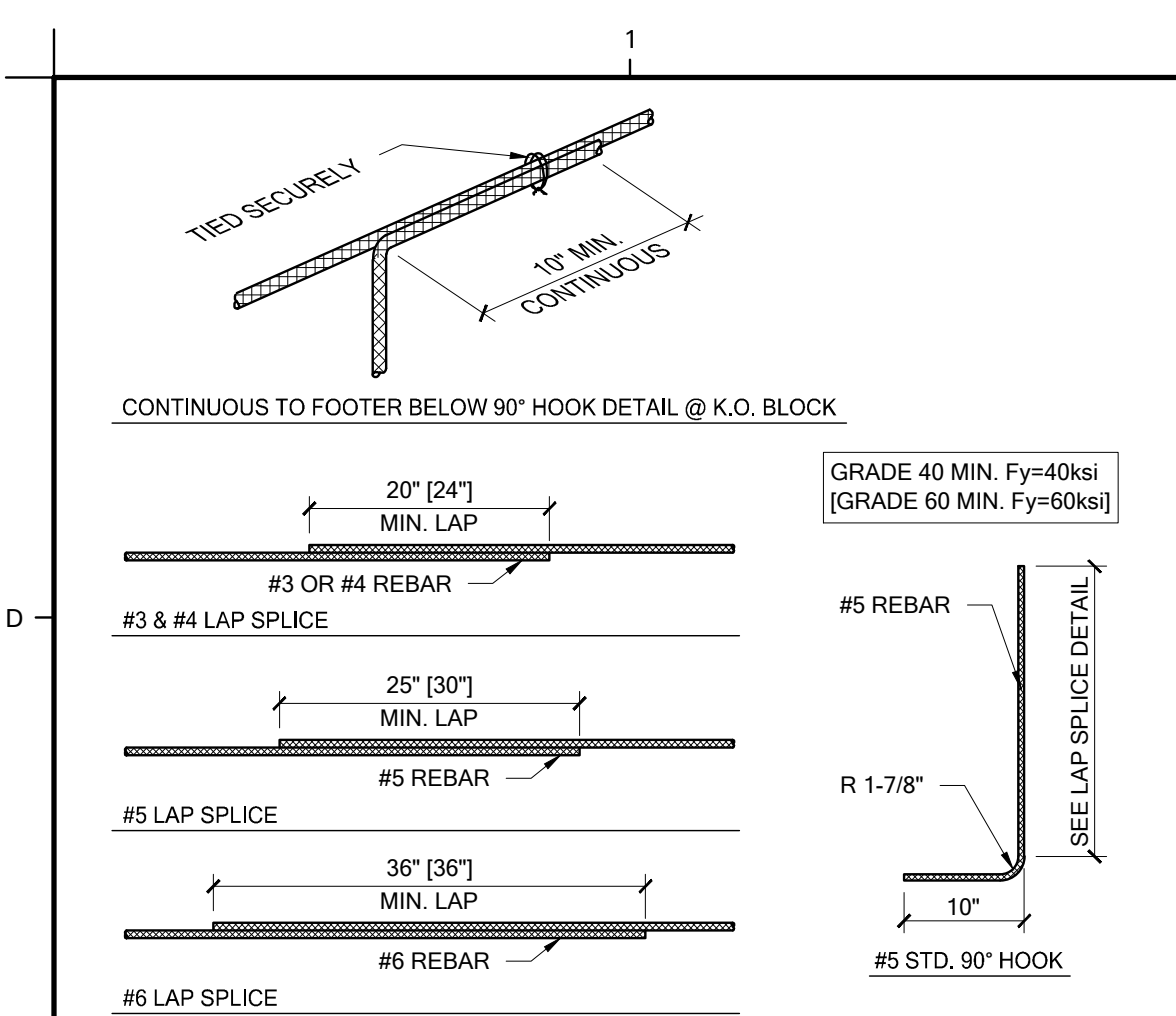
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SHEET NUMBER:



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 1197 WEST DIAMOND SHORE LOOP
 HERNANDO, FL 34442
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 4271 LB MILLCREEK ROAD, SUITE 101
 T: 407.887.1161 | www.DaviLaHomes.com
BELLA COLLINA
 COMMUNITY: BELLA COLLINA
 BLOCK: 78
 LOT: 78
 ADDRESS: 16009 VETTA DRIVE
 MONTVERDE, FLORIDA 34756

CONTROL:
 PLAN NUMBER: 3190G
 PLAN NAME: MILOS
 SERIES:
 VERSION: 1.0

REVISIONS:

MARK DATE DESCRIPTION

DESIGN PROFESSIONAL OF RECORD:
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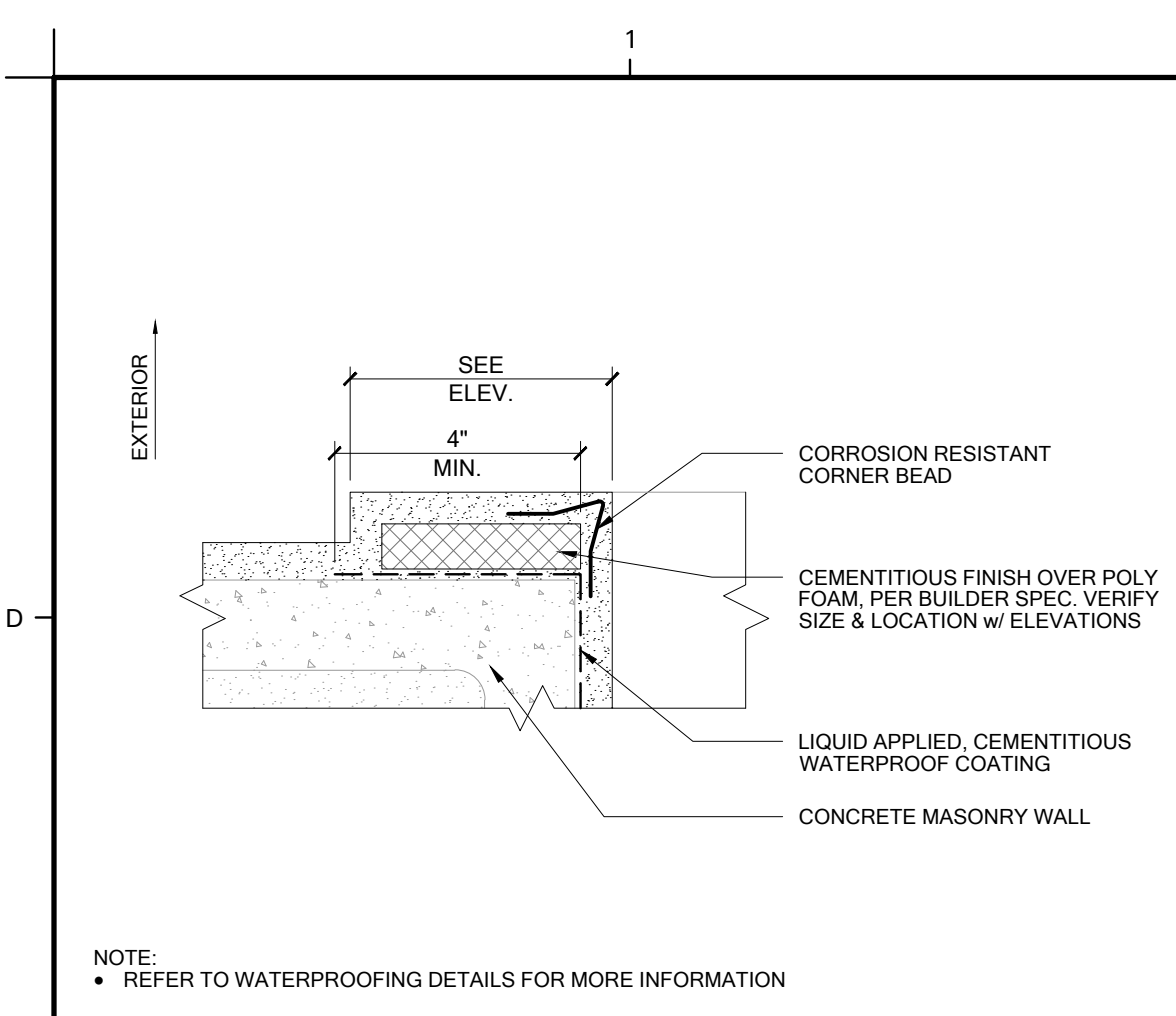
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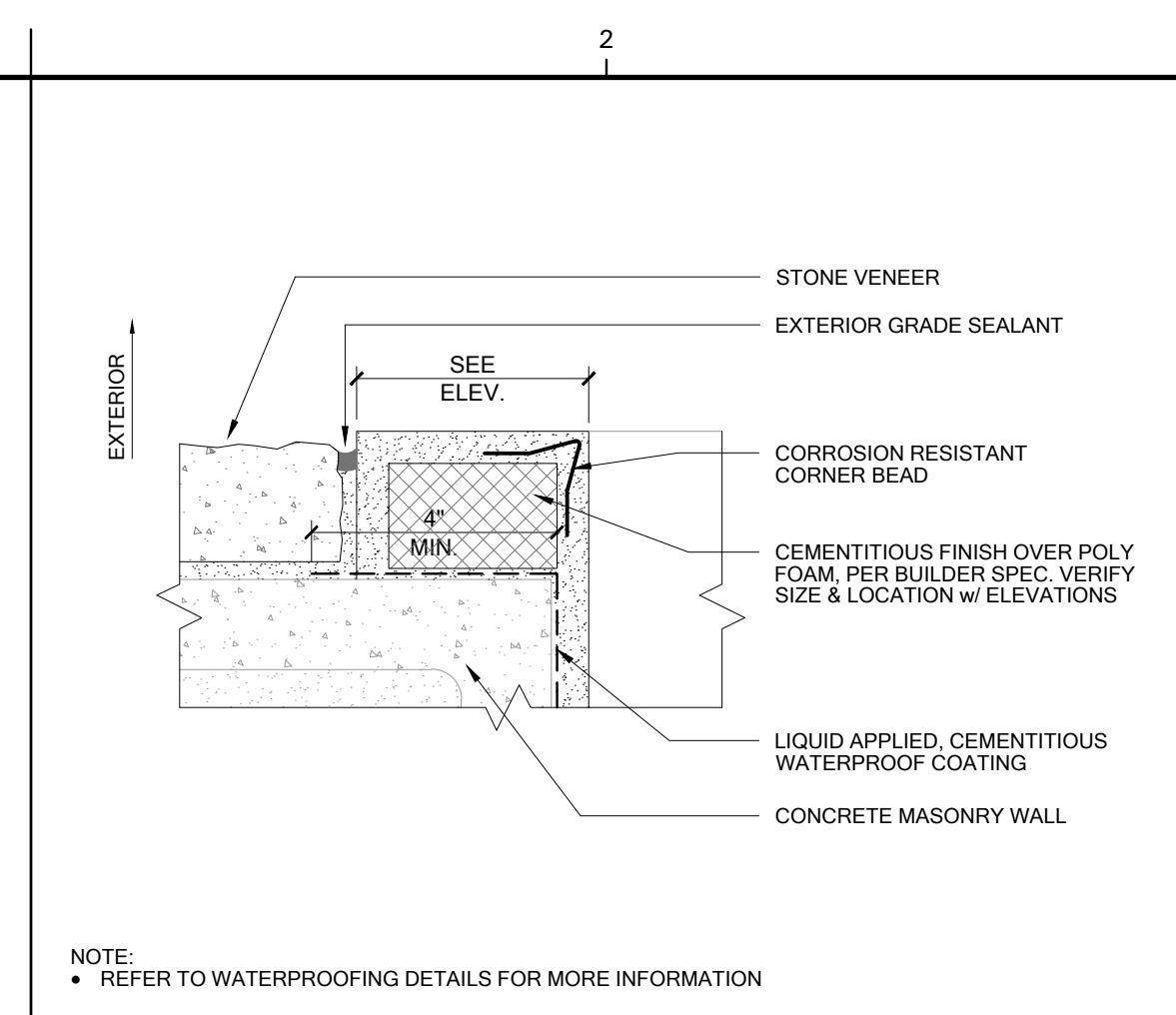
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DETAILS - WALL SECTIONS

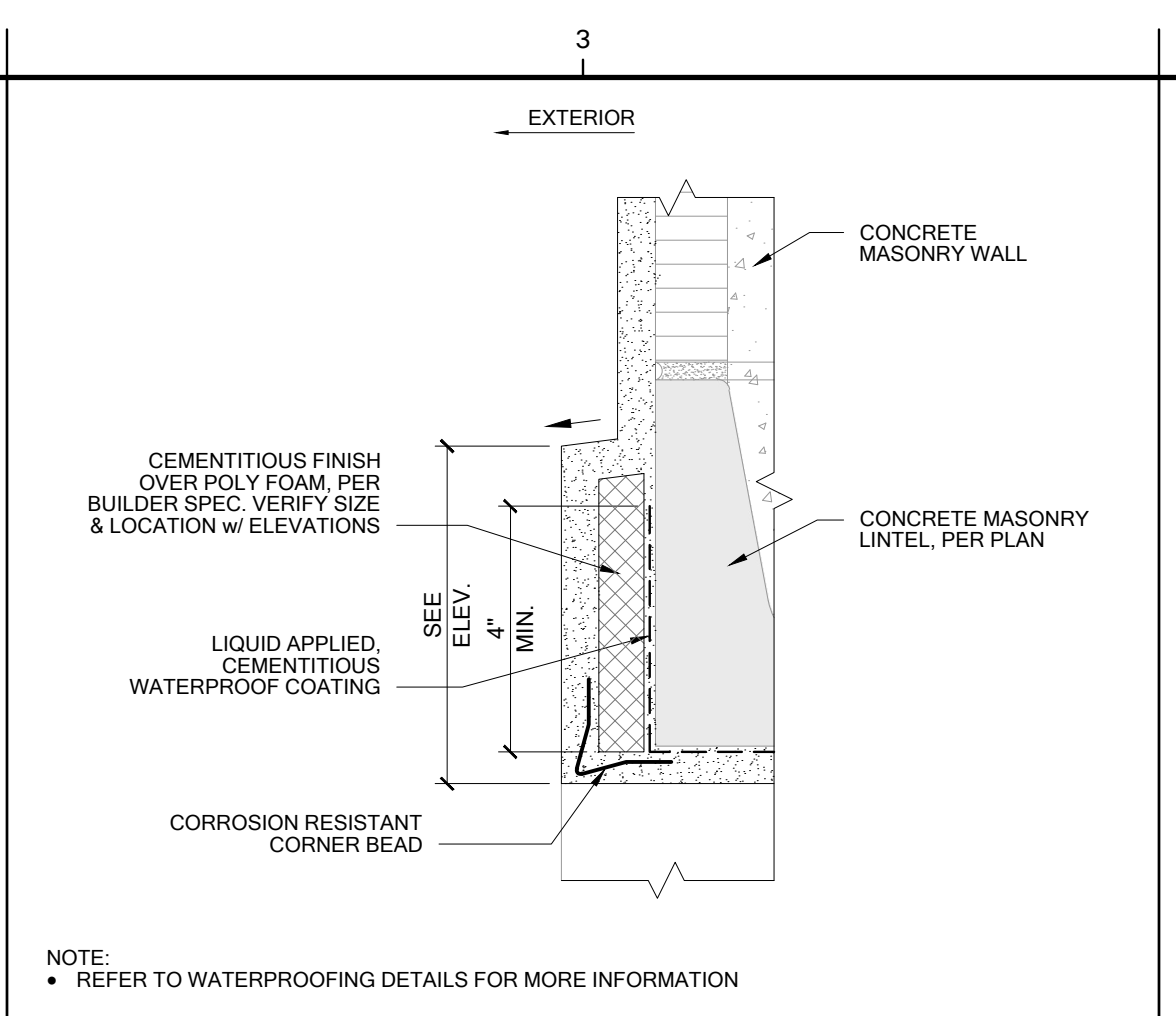
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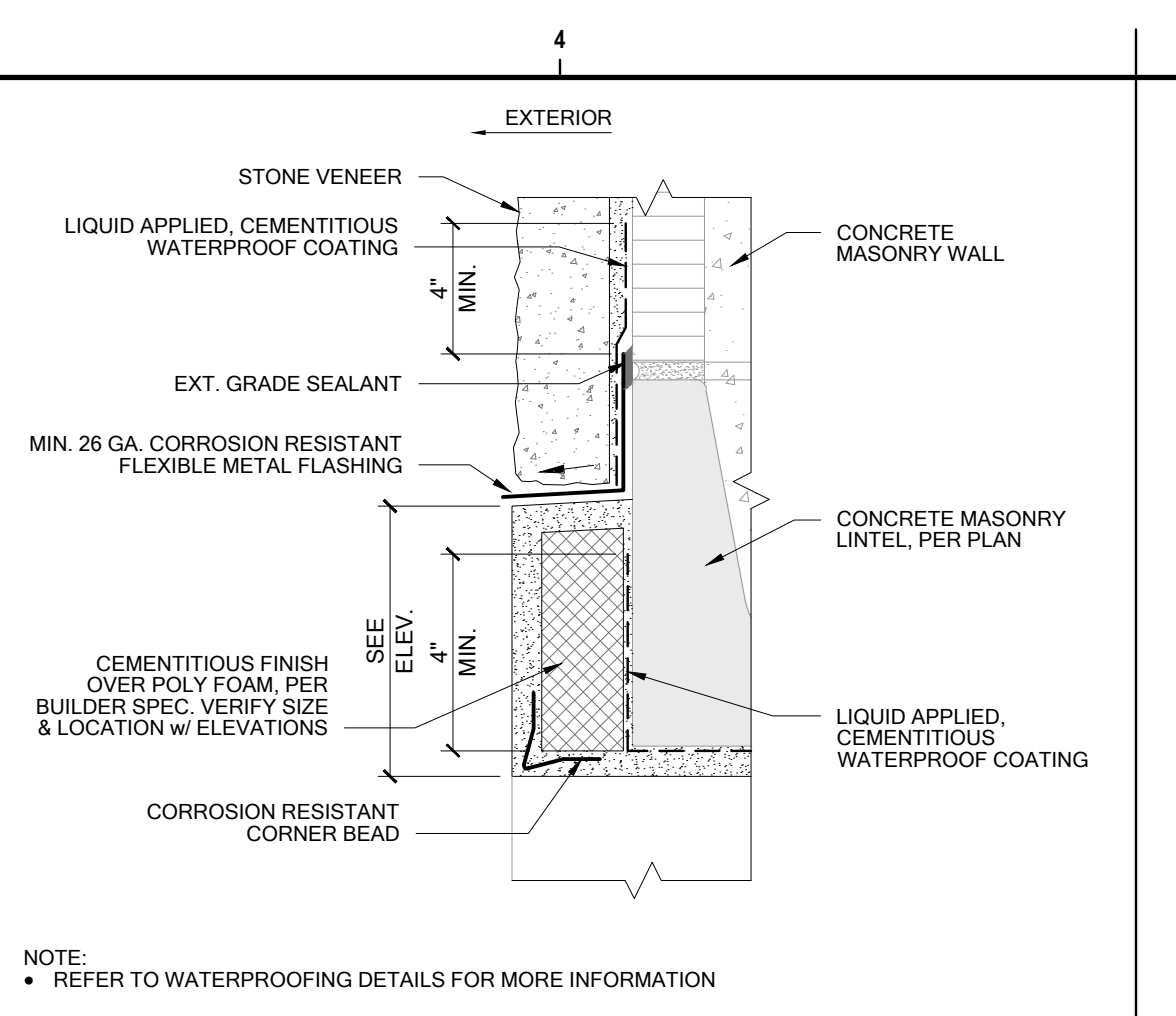
TYP. RAISED CEMENTITIOUS TRIM AT DOOR & WDW. JAMB
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



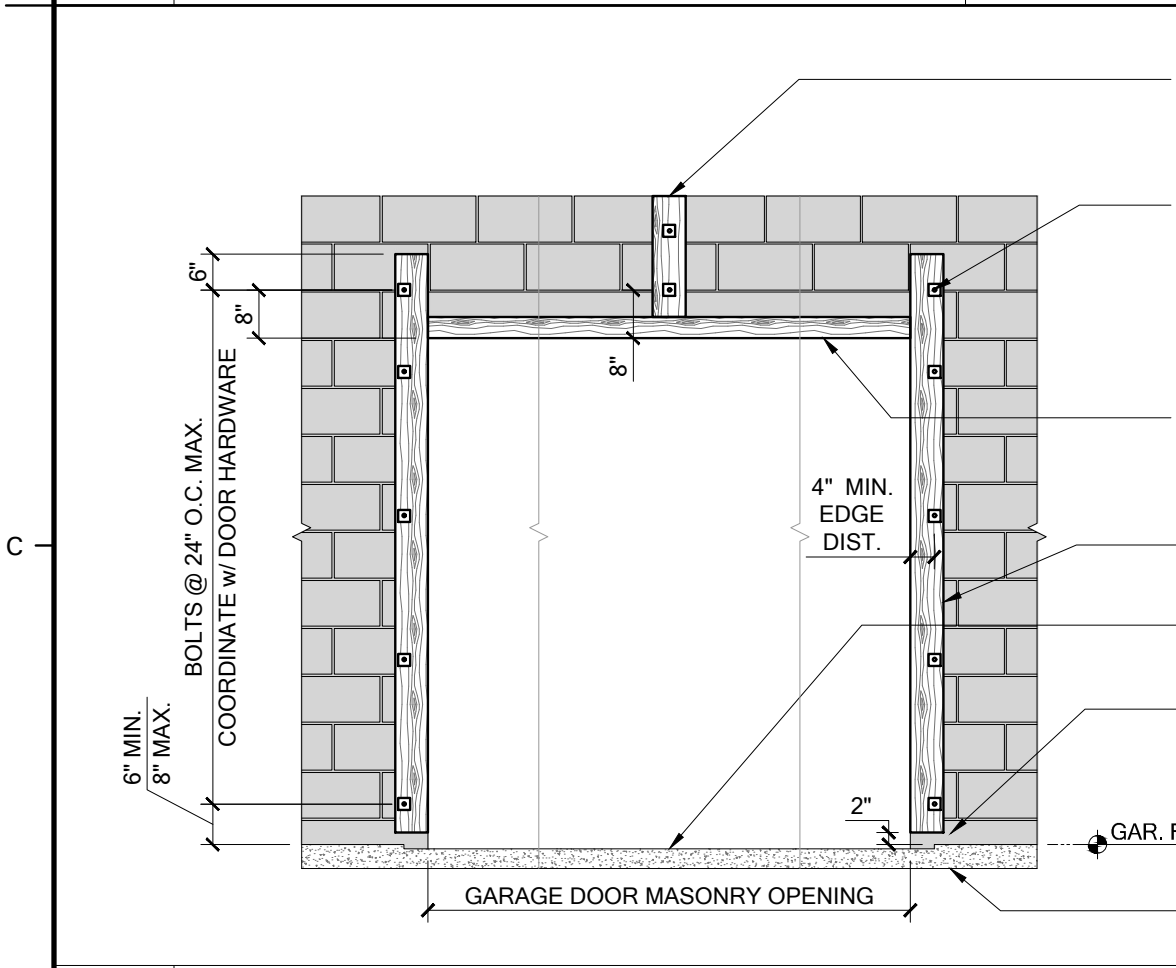
TYP. RAISED CEMENTITIOUS TRIM w/ STONE AT DOOR & WDW. JAMB
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



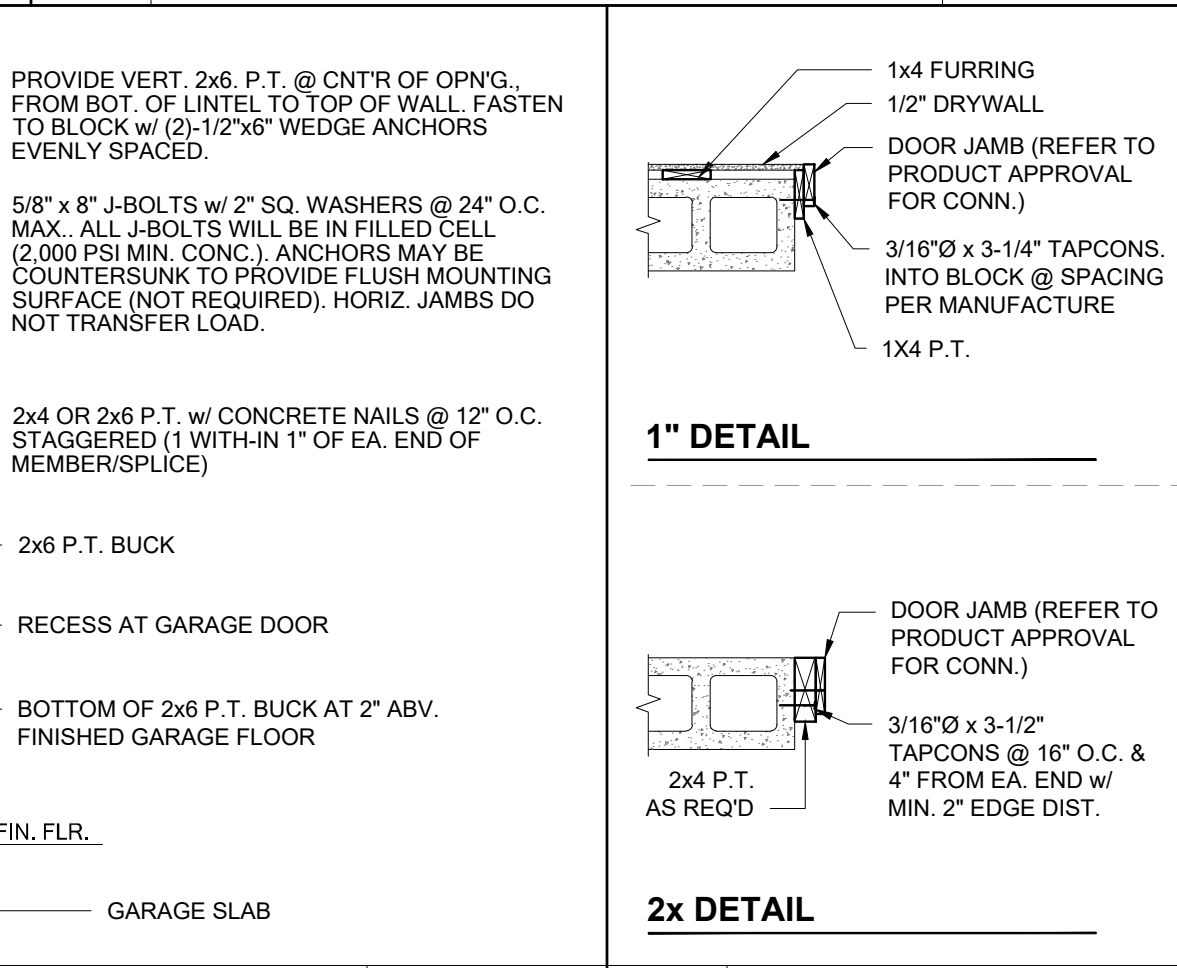
TYP. RAISED CEMENTITIOUS TRIM AT DOOR & WDW. JAMB
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



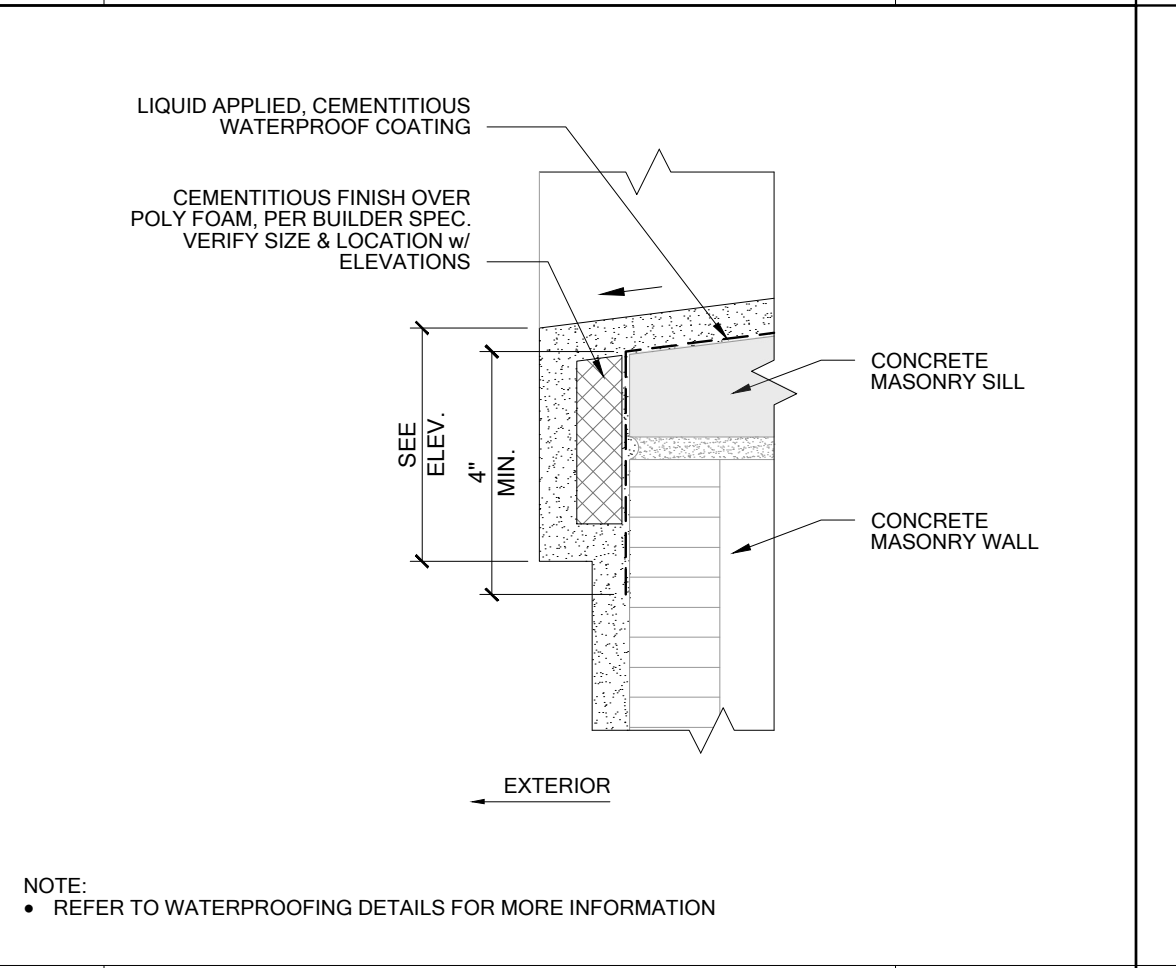
TYP. RAISED CEMENTITIOUS TRIM w/ STONE AT DOOR & WDW. HDR.
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



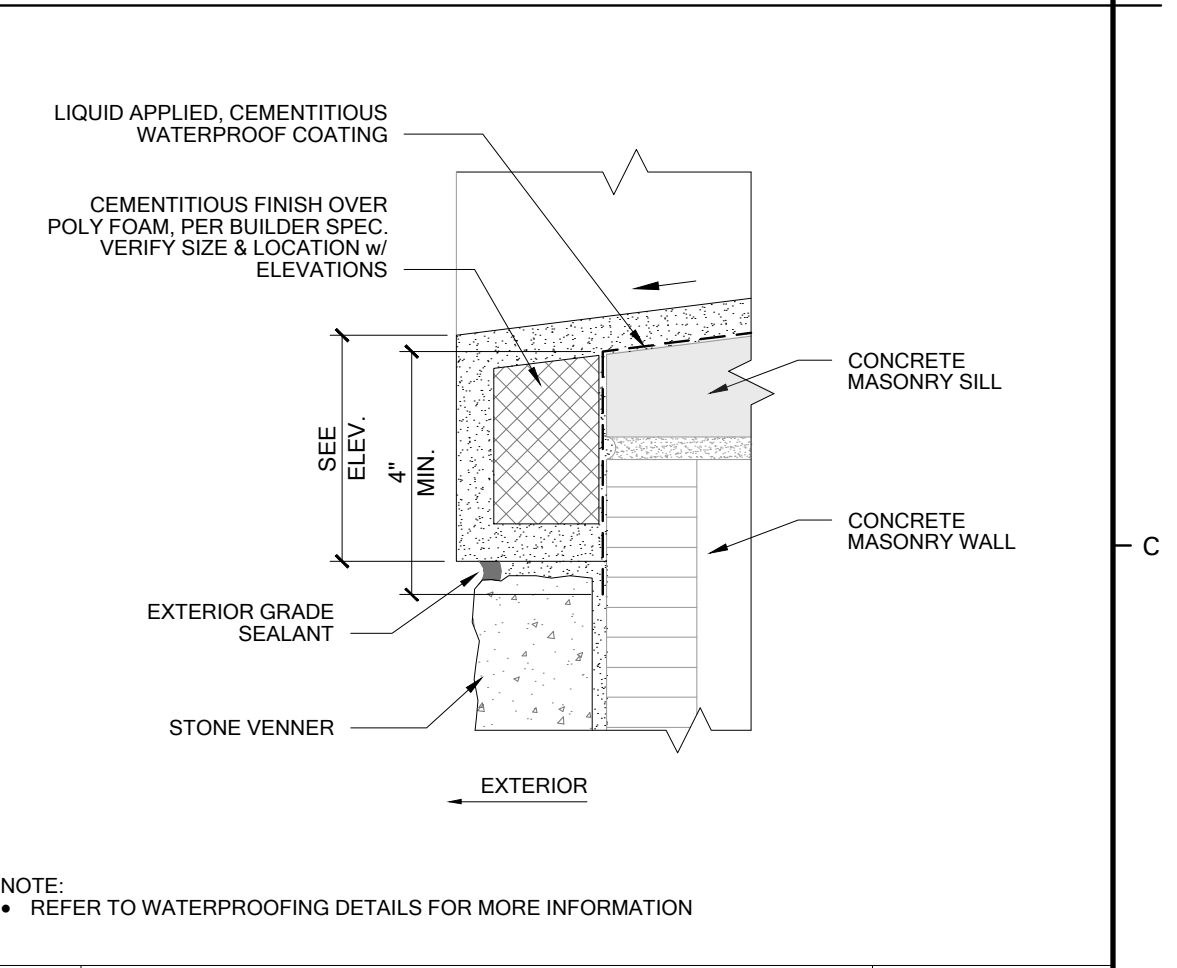
TYP. OVERHEAD DOOR BUCK DETAIL
 SCALE: N.T.S.
 FILE: BUK-08-01-CMU-BT



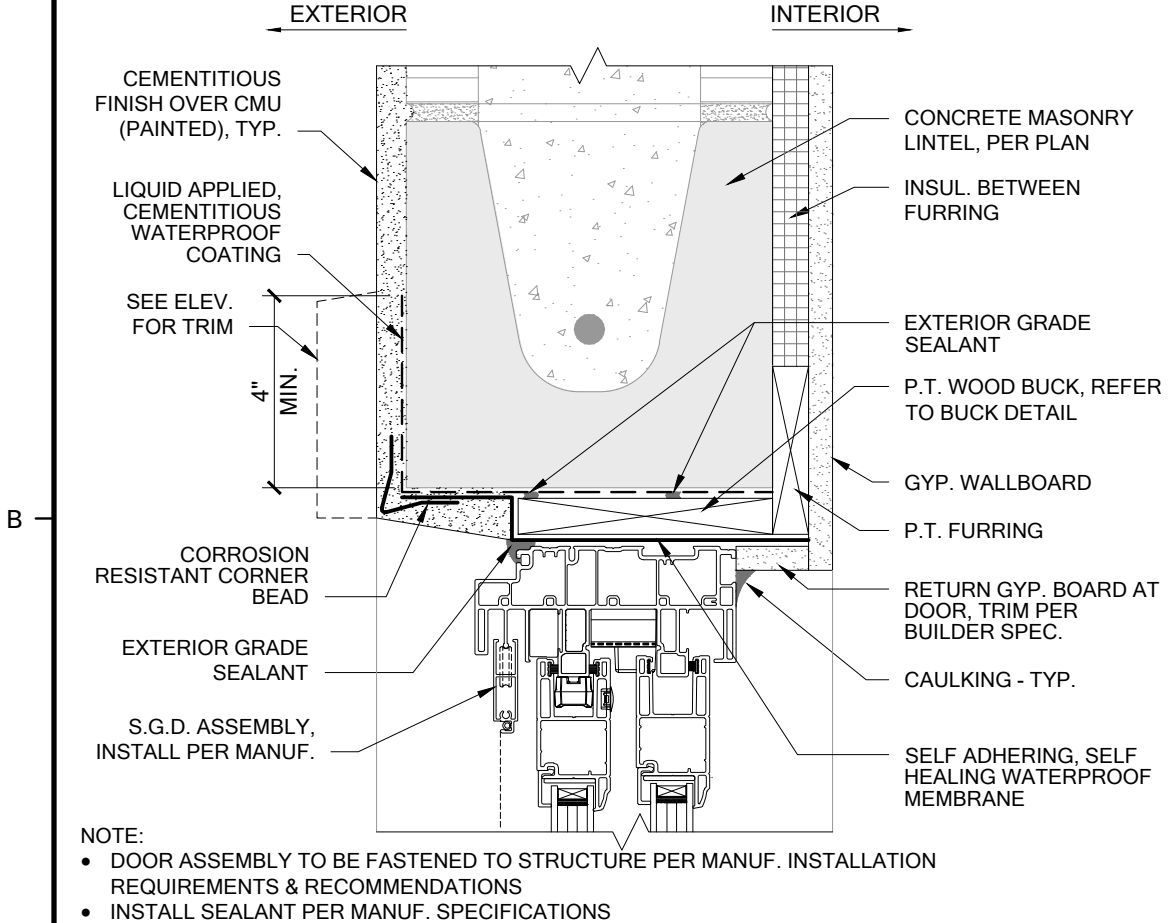
OVERSIZED DOOR/WINDOW ROUGH OPENING BUILDOUT
 SCALE: 3/4" = 1'-0"
 FILE: BUK-09-01-CMU-CRN



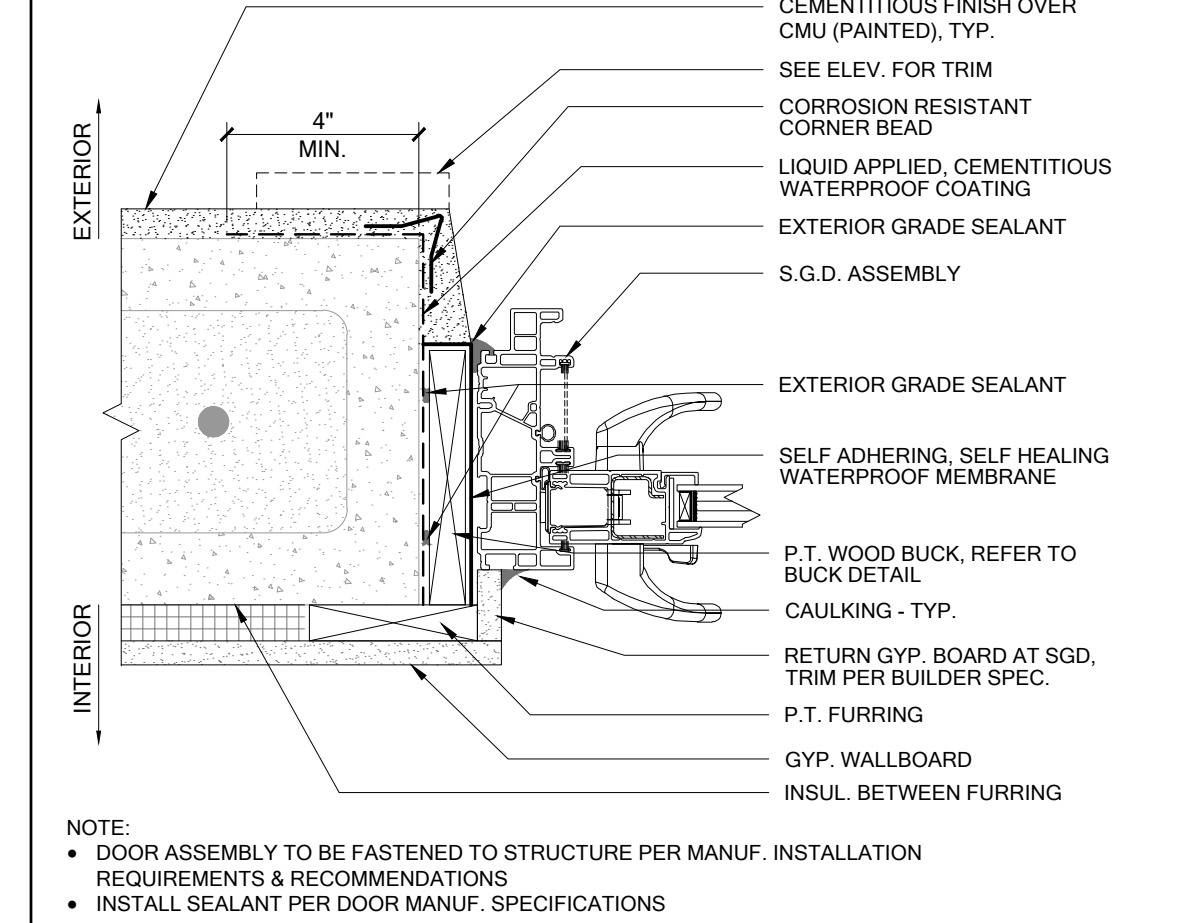
TYP. RAISED CEMENTITIOUS TRIM AT WINDOW SILL
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



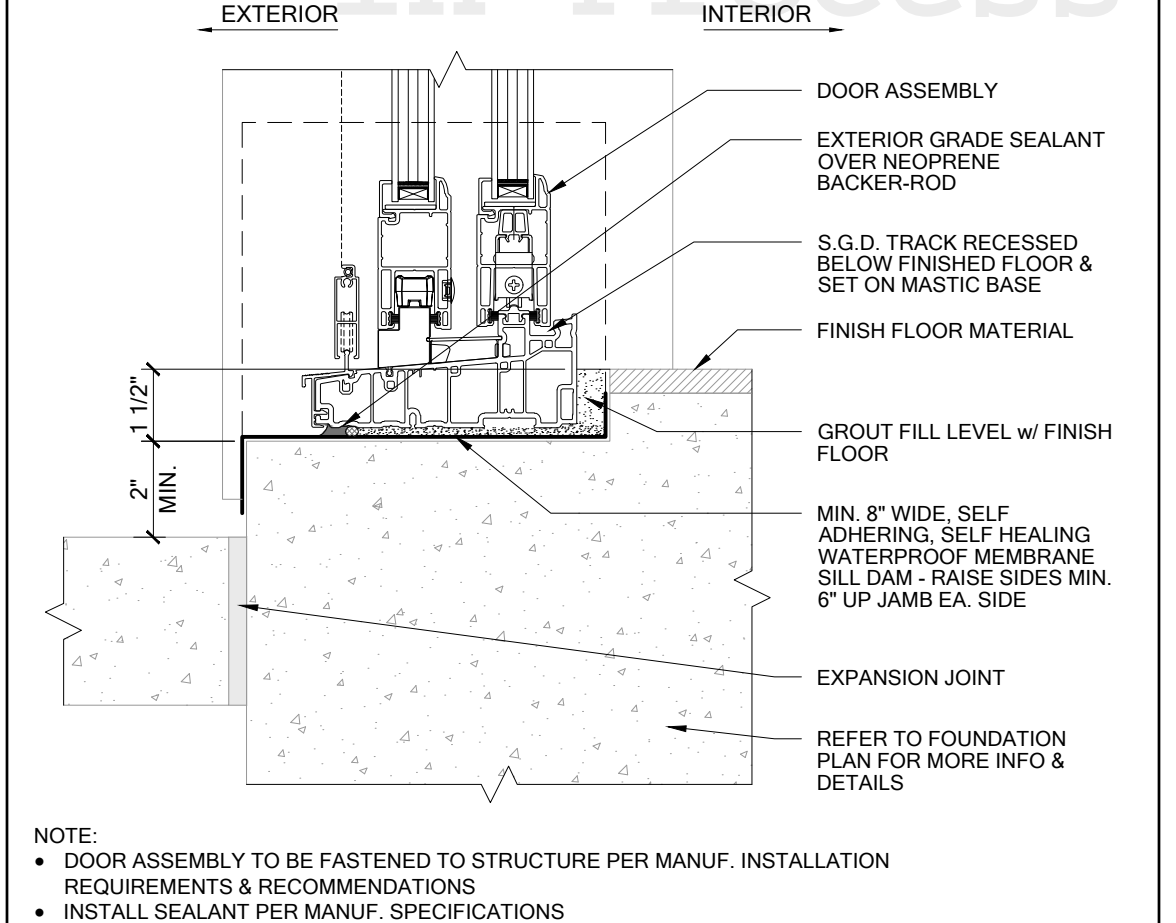
TYP. RAISED CEMENTITIOUS TRIM w/ STONE AT WINDOW SILL
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



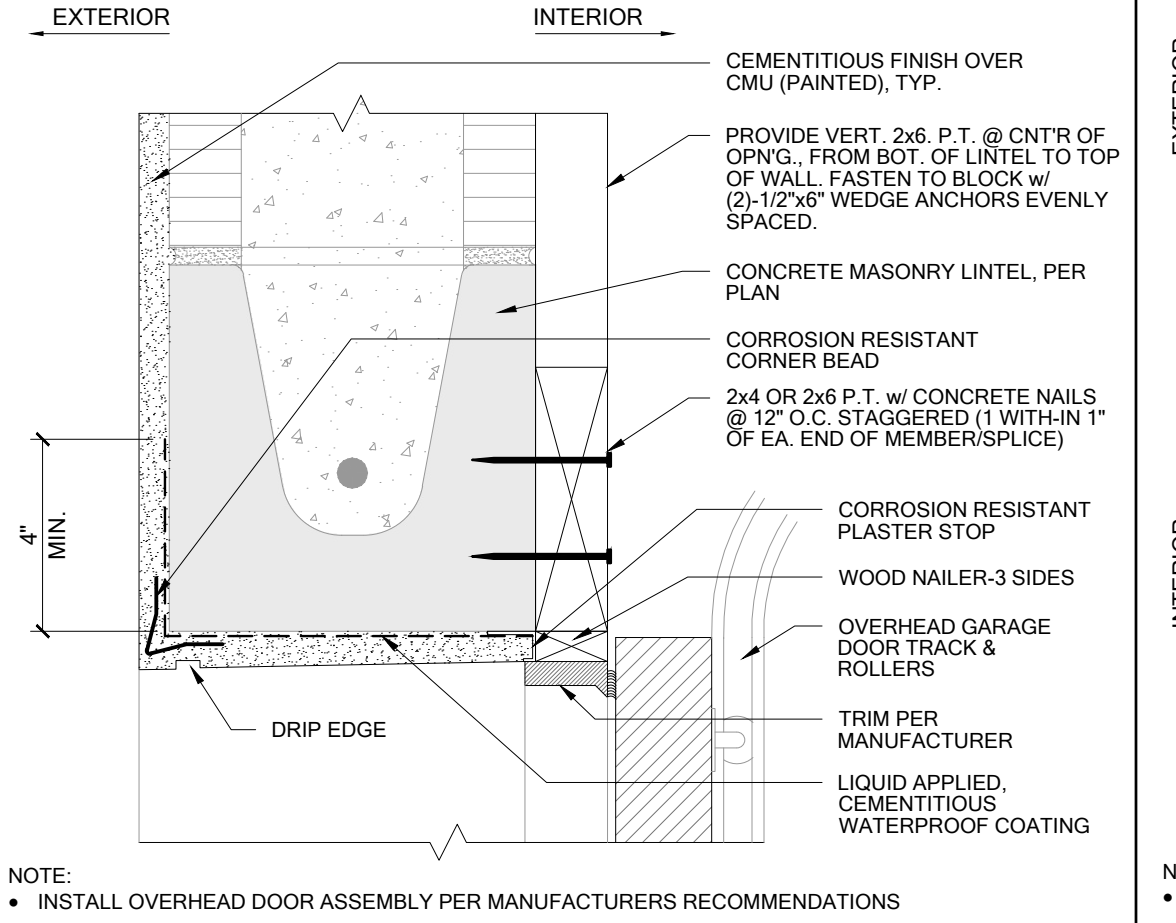
TYP. S.G.D. HEADER AT CMU w/ CEMENTITIOUS FINISH
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



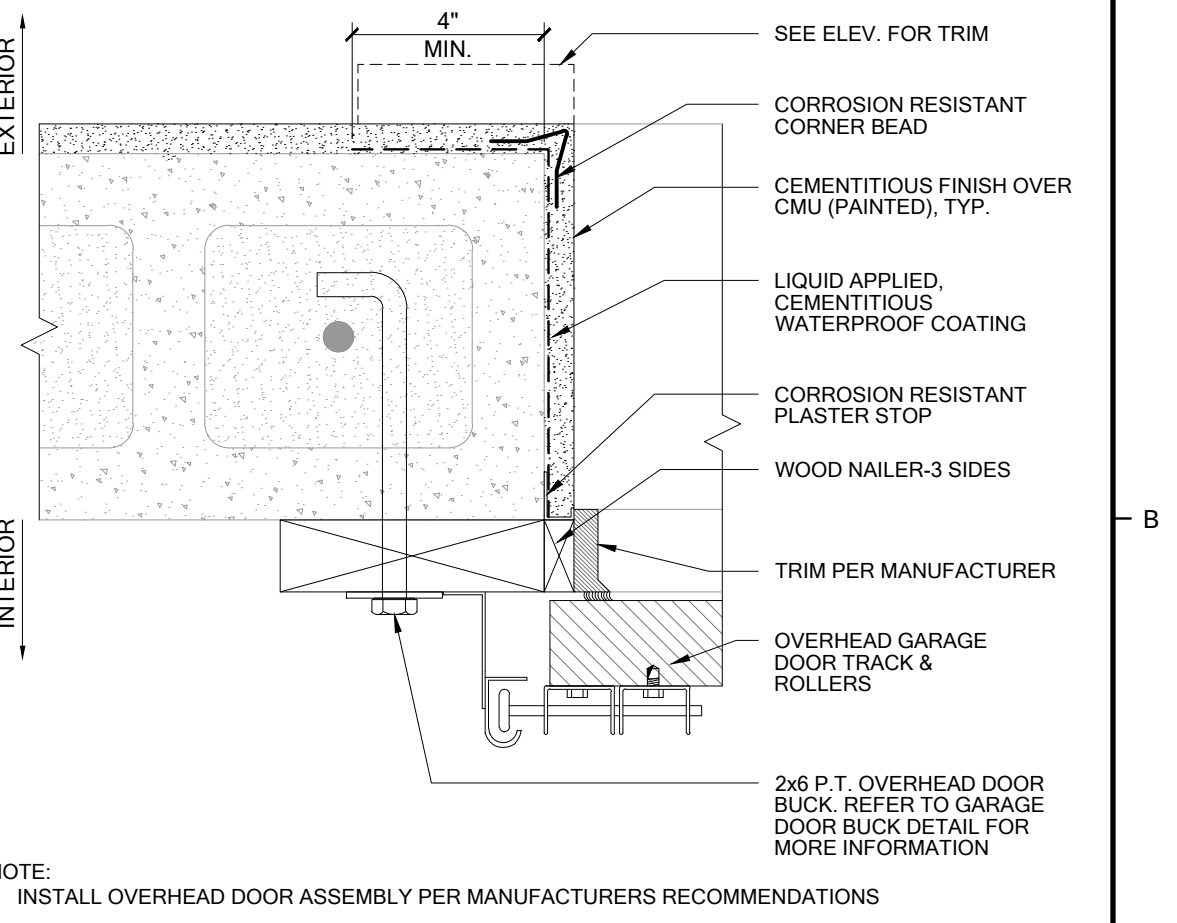
TYP. S.G.D. JAMB AT CMU w/ CEMENTITIOUS FINISH
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



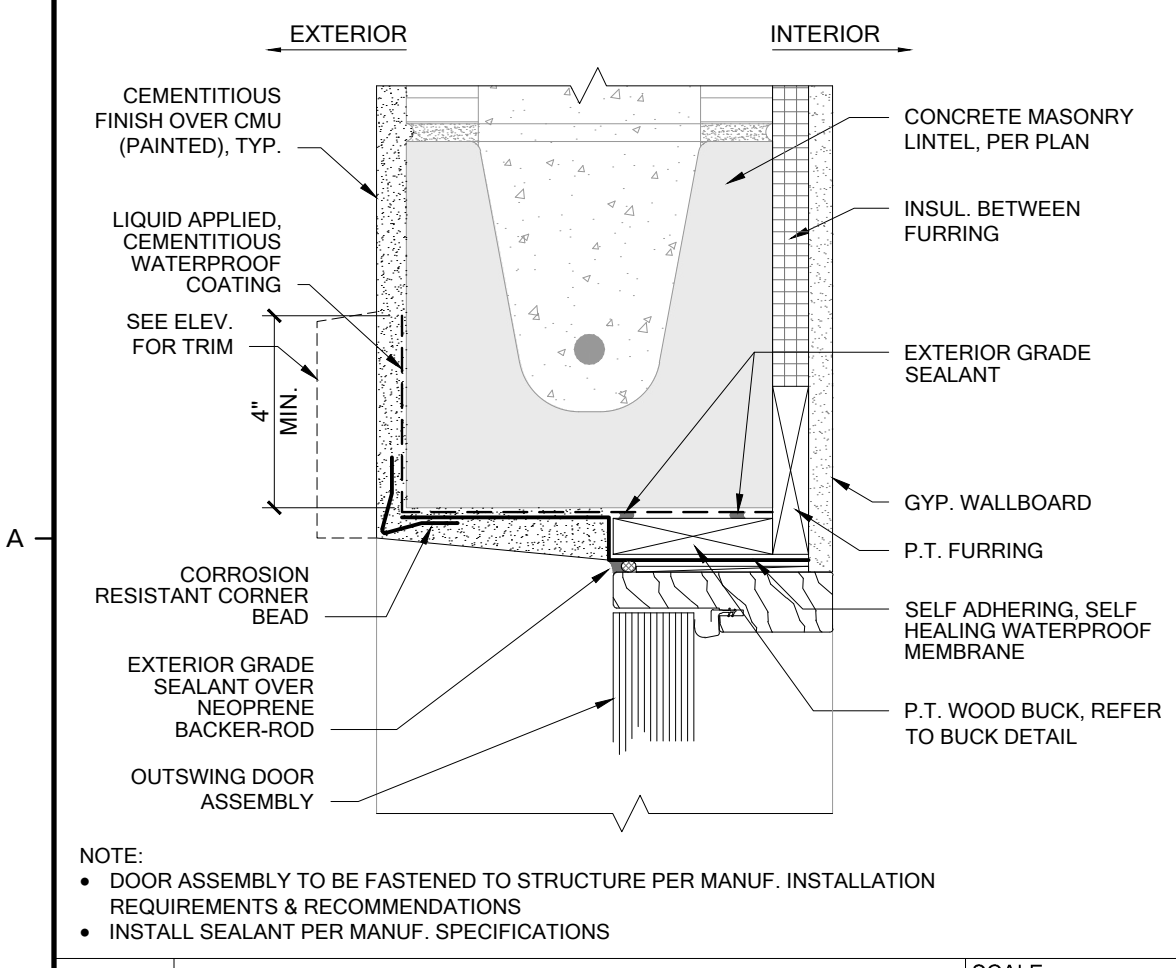
TYP. S.G.D. THRESHOLD
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



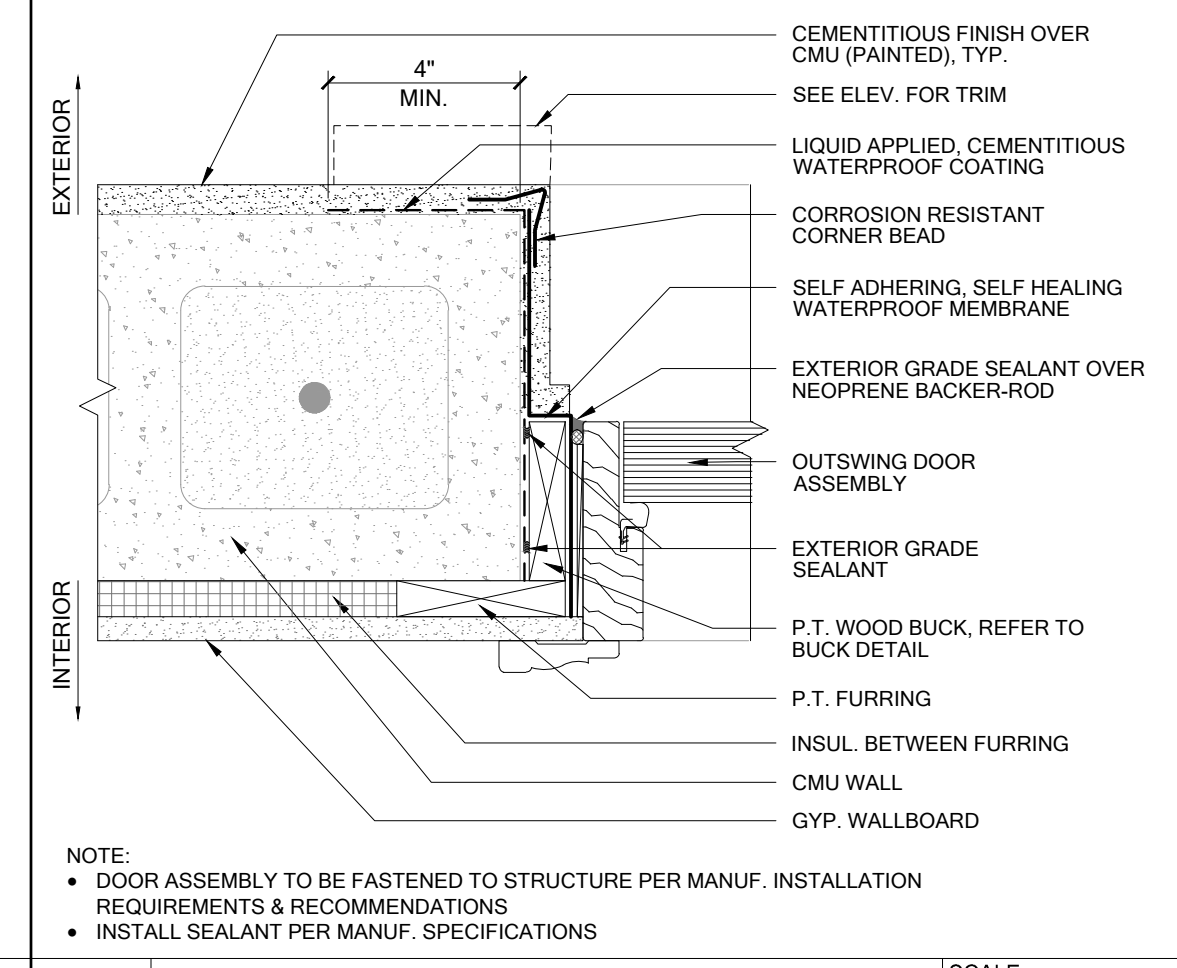
TYP. O.H.D. HEADER AT CMU w/ CEMENTITIOUS FINISH
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



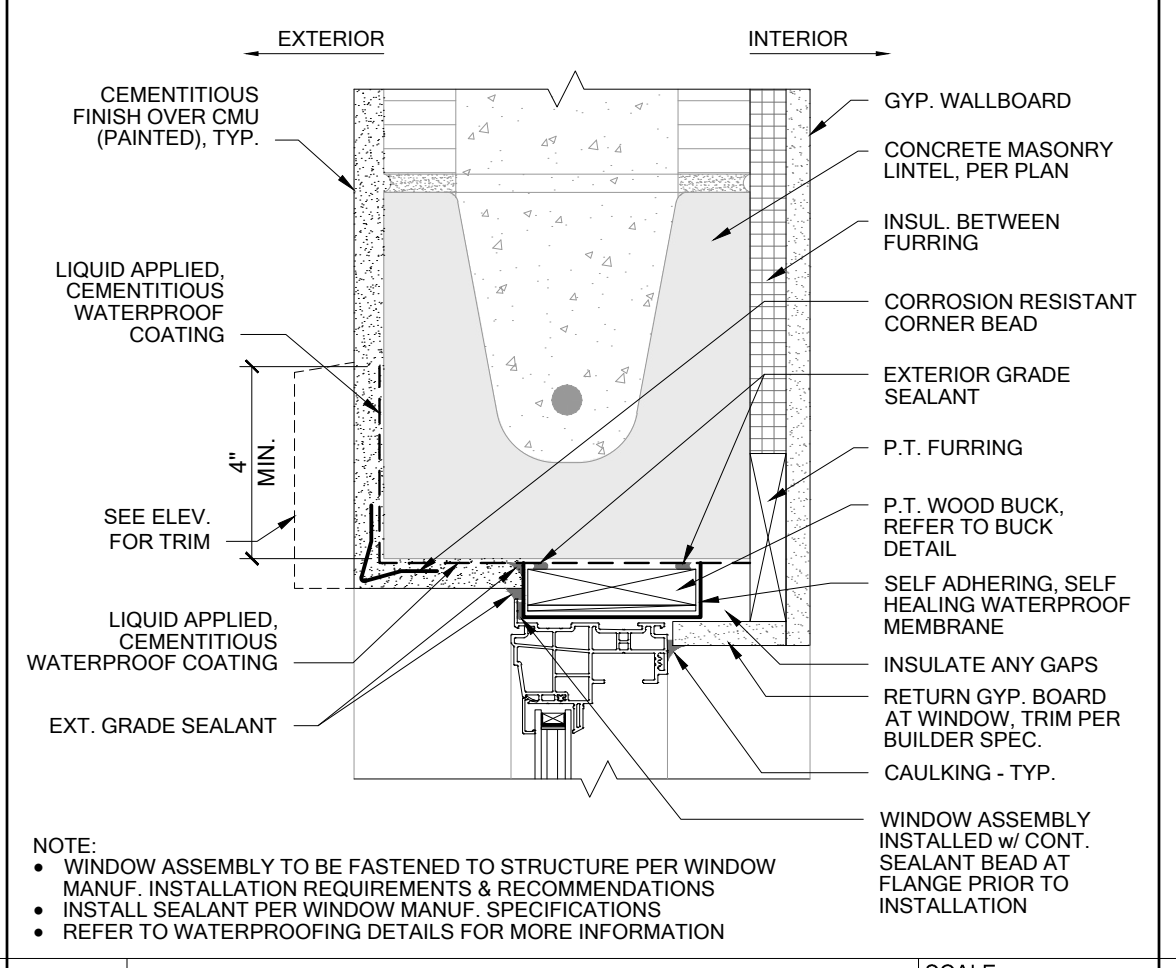
TYP. O.H.D. JAMB AT CMU w/ CEMENTITIOUS FINISH
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



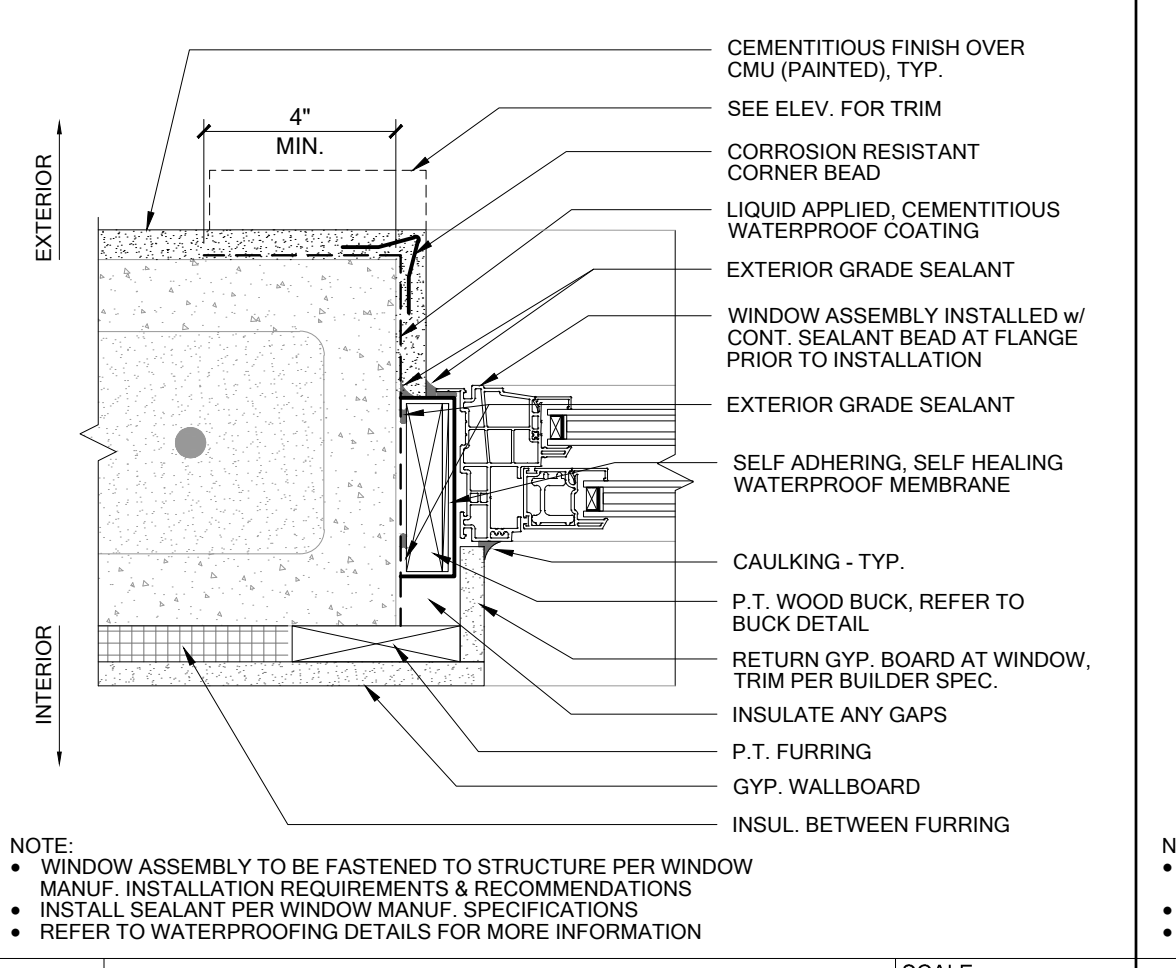
TYP. DOOR HEADER AT CMU w/ CEMENTITIOUS FINISH
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



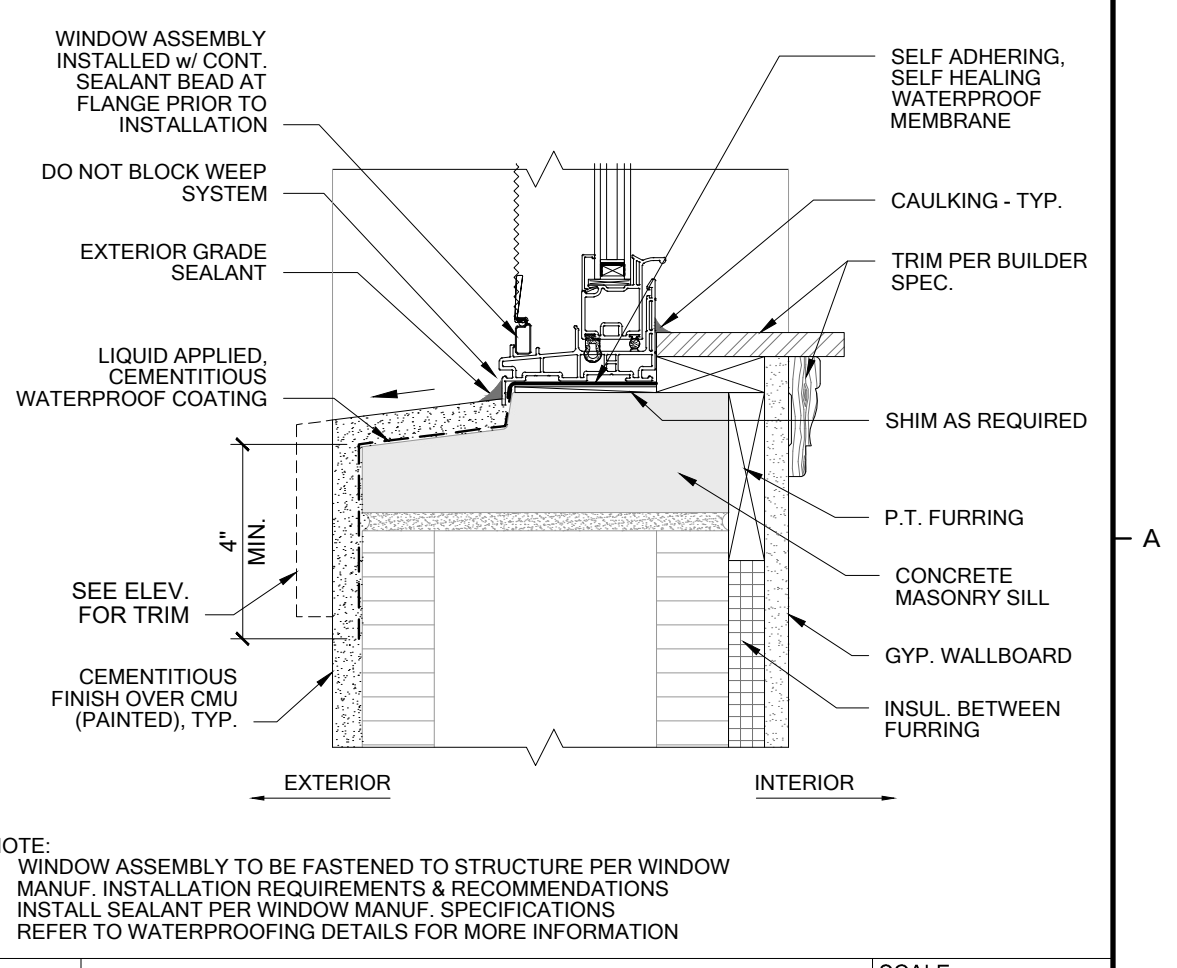
TYP. DOOR JAMB AT CMU w/ CEMENTITIOUS FINISH
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



TYP. WINDOW HEADER AT CMU w/ CEMENTITIOUS FINISH
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



TYP. WINDOW JAMB AT CMU w/ CEMENTITIOUS FINISH
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



TYP. WINDOW SILL AT CMU w/ CEMENTITIOUS FINISH
 SCALE: 3" = 1'-0"
 FILE: #09-CMU-CRN-101



BELLA COLLINA
 COMMUNITY: BELLA COLLINA
 ADDRESS: 16009 VETTA DRIVE, MONTVERDE, FLORIDA 34756
 LOT: 78

MARK	DATE	DESCRIPTION

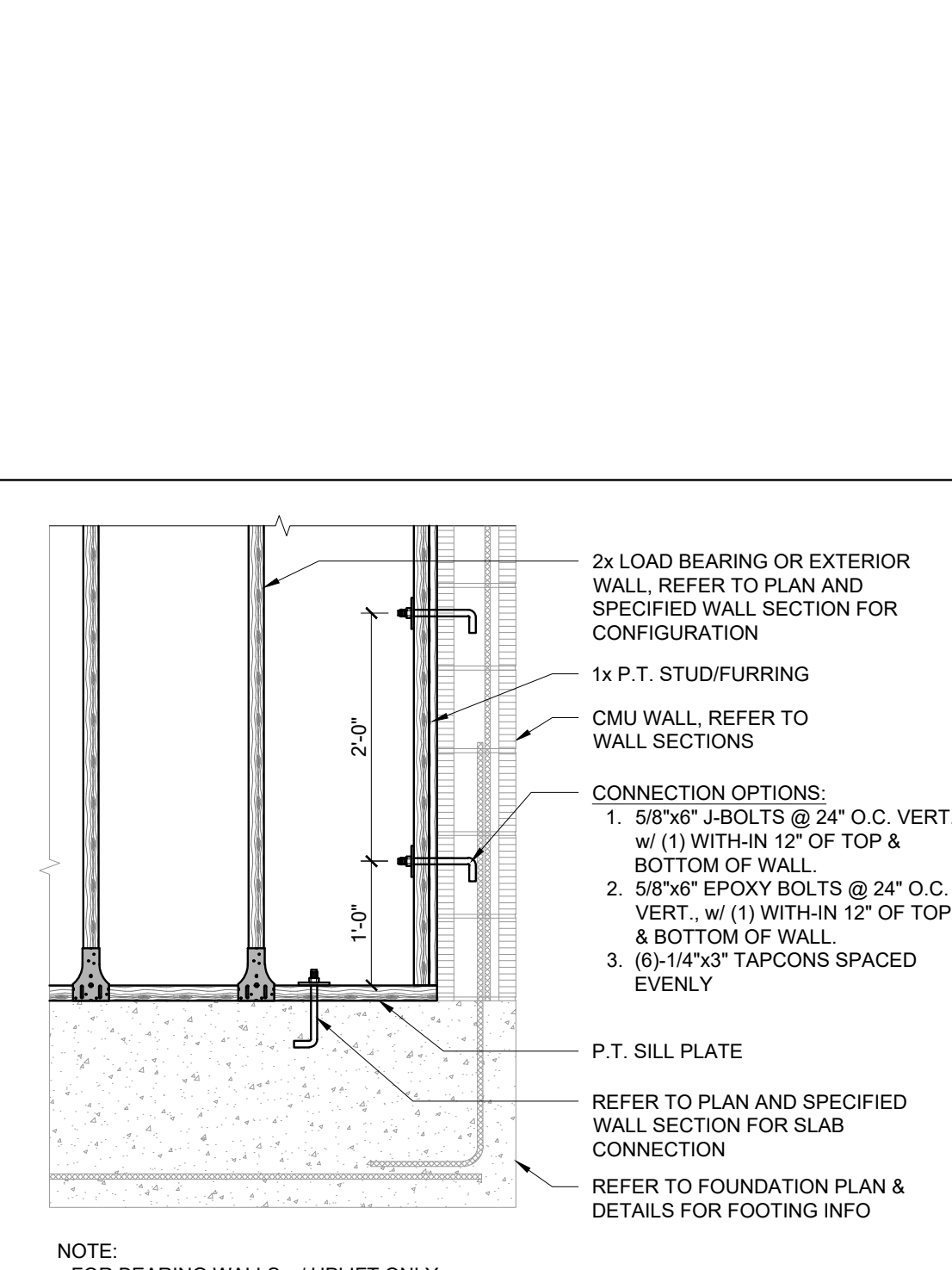
DESIGN PROFESSIONAL OF RECORD:
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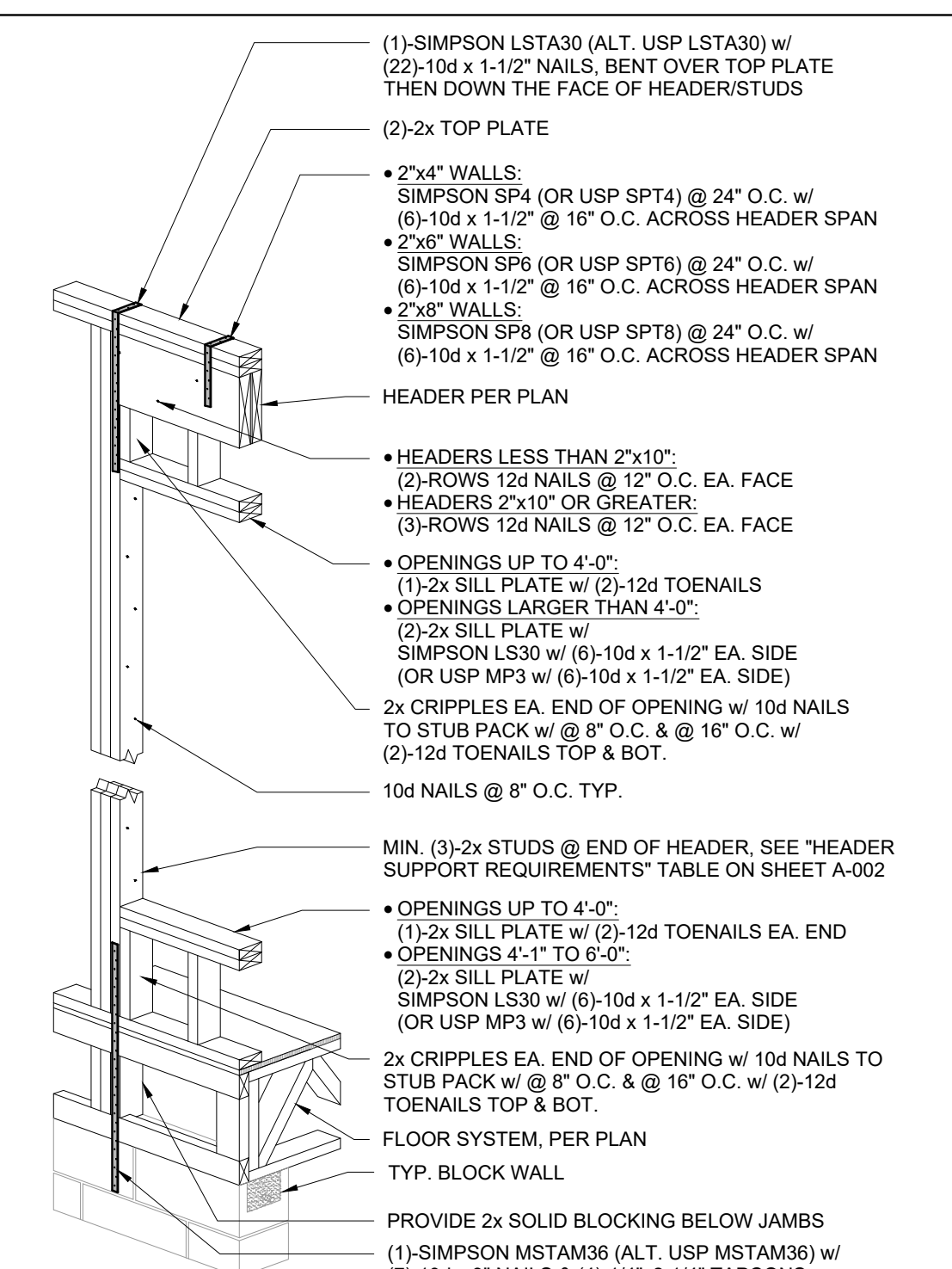
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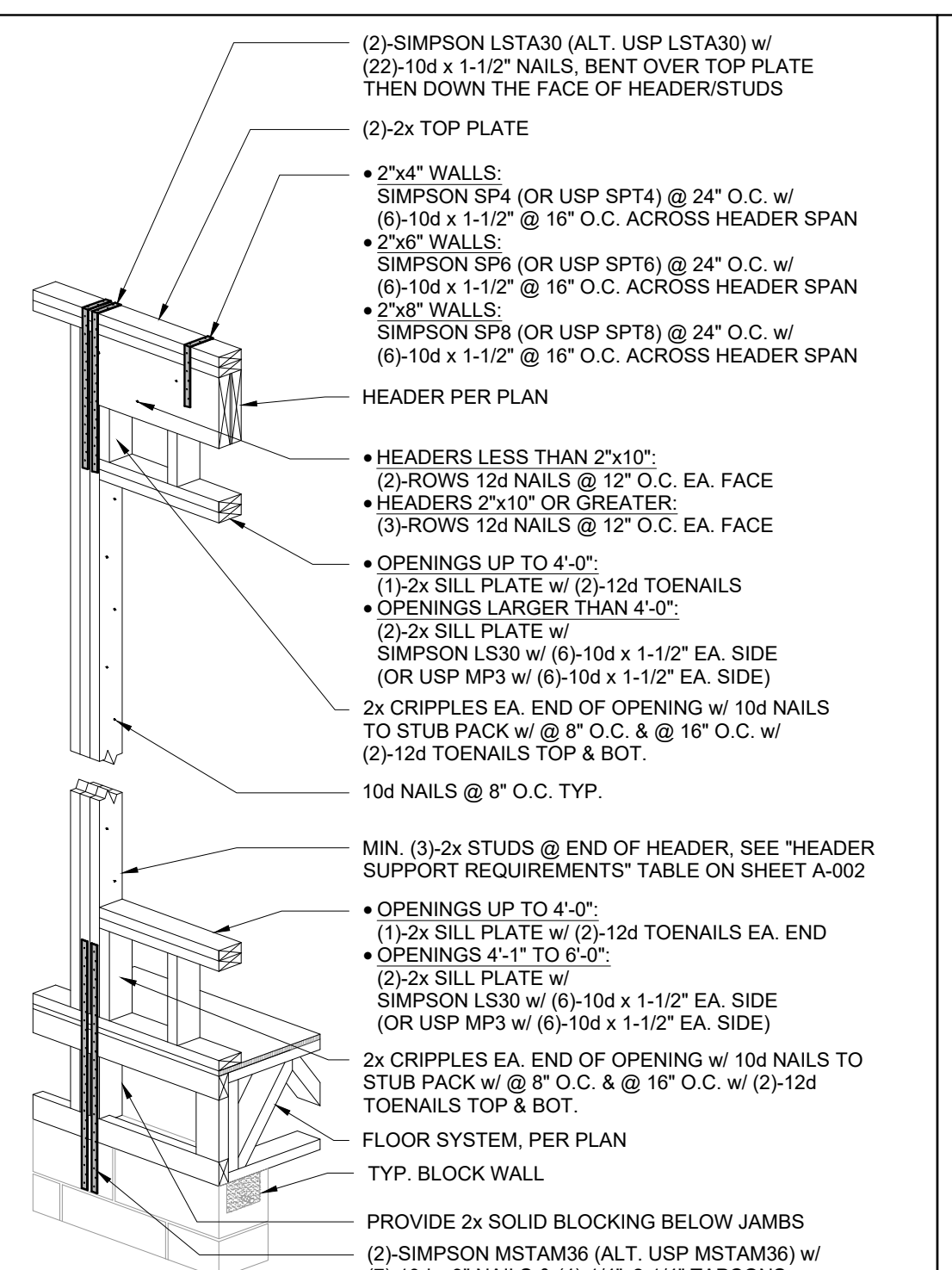
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 SHEET TITLE: **DETAILS - GENERAL ASSEMBLIES**
 SHEET NUMBER: _____



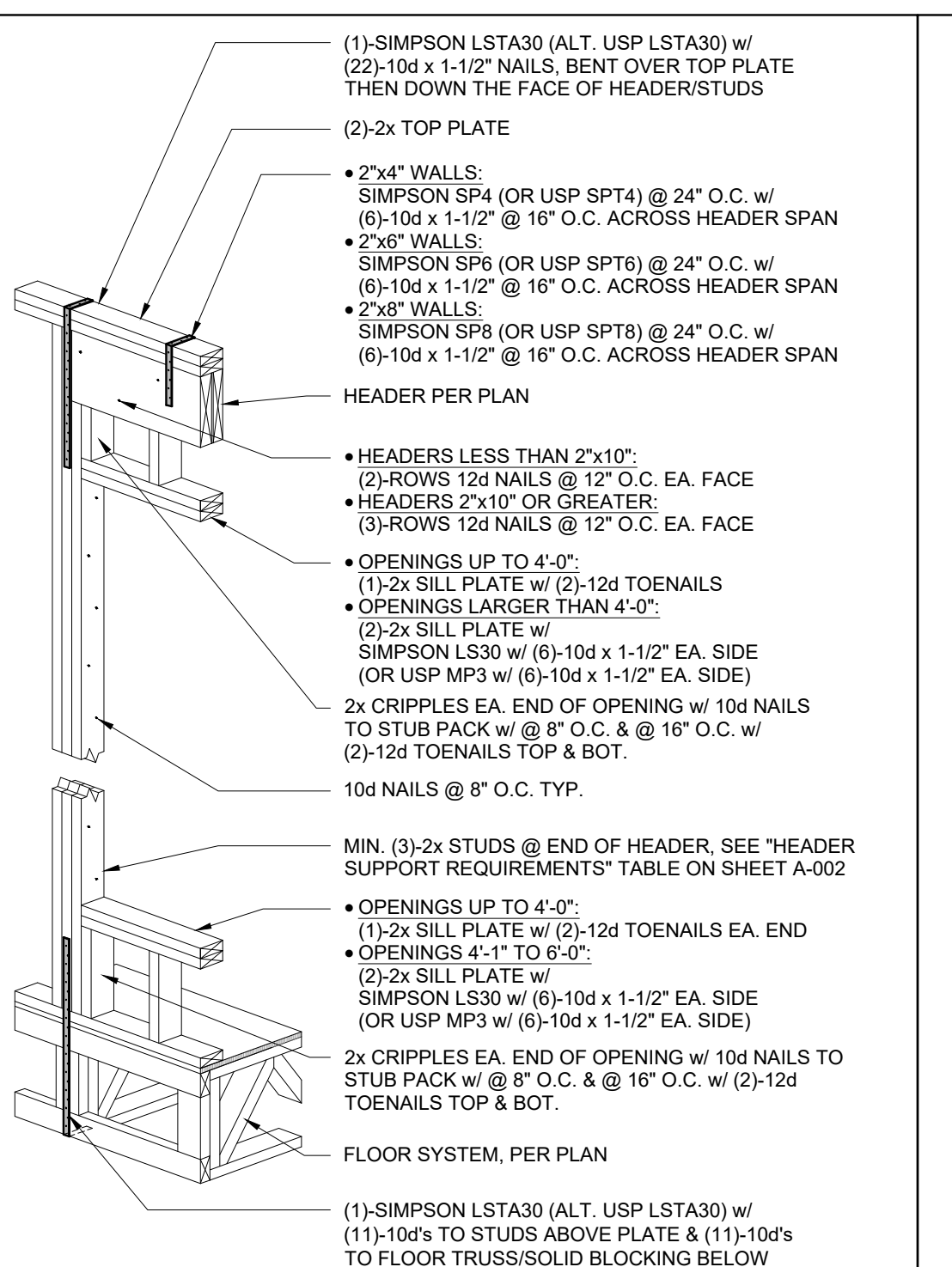
10 **LOAD BEARING/EXTERIOR FRAME WALL TO C.M.U.** SCALE: 1" = 1'-0"
FILE: FRM-CMU-011-FRM-BRG-CMU



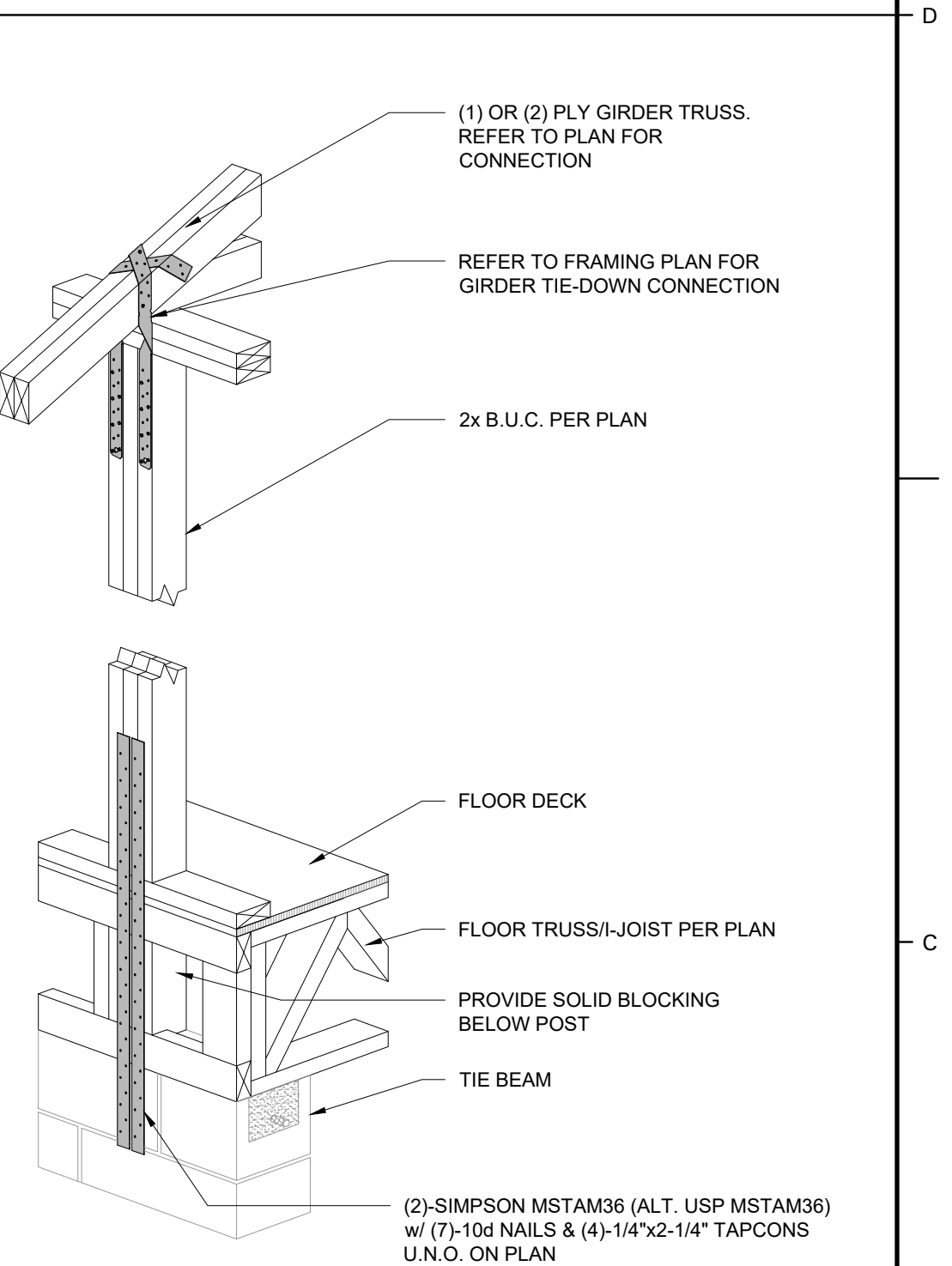
11 **TYP. 2nd FLOOR HEADER CONN. OVER CMU** SCALE: 1/2" = 1'-0"
FILE: HDR-TYP-211-BRG-FRM-CMU



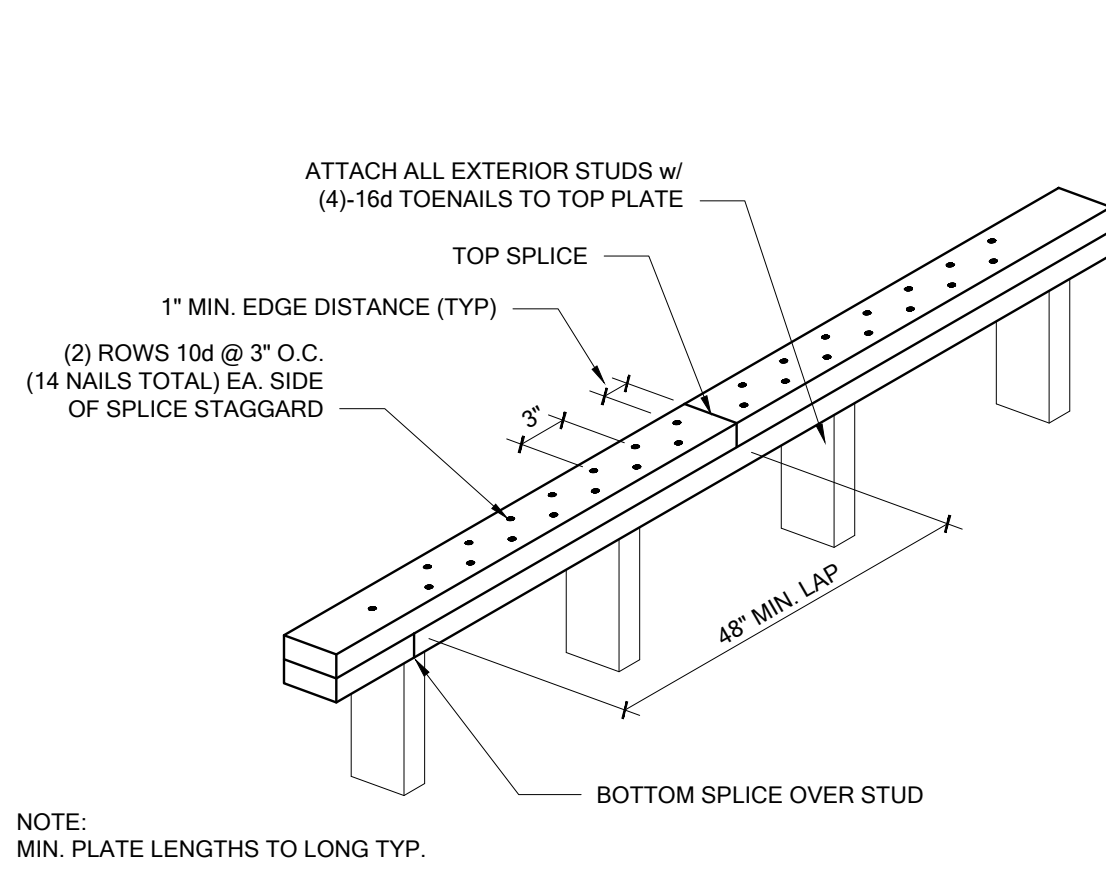
12 **2nd FLOOR HEADER CONN. OVER CMU (DBL. STRAP)** SCALE: 1/2" = 1'-0"
FILE: HDR-TYP-212-BRG-FRM-CMU



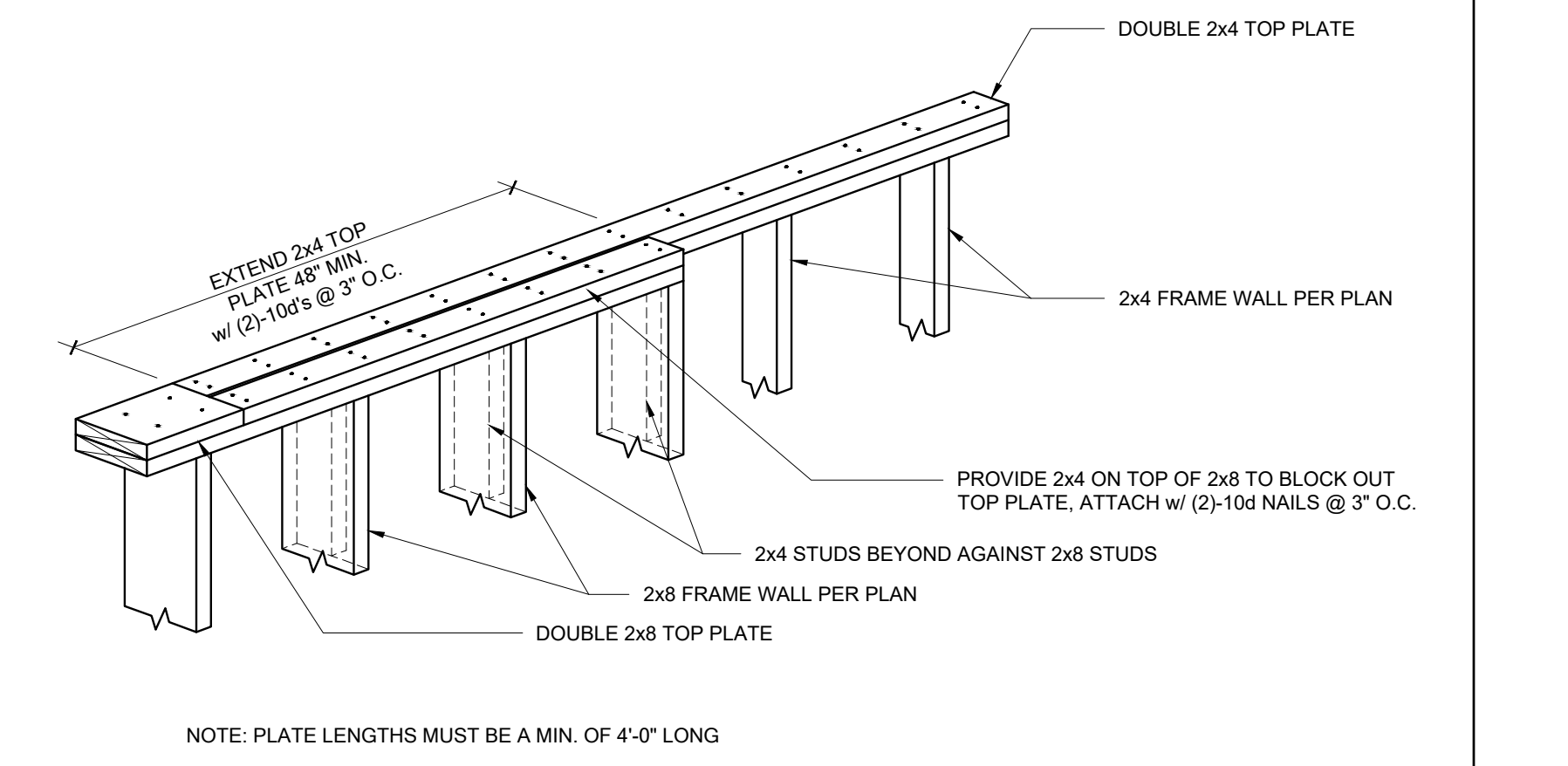
13 **TYP. 2nd FLOOR HEADER CONN. OVER FLOOR JOIST** SCALE: 1/2" = 1'-0"
FILE: HDR-TYP-213-BRG-FRM-JST



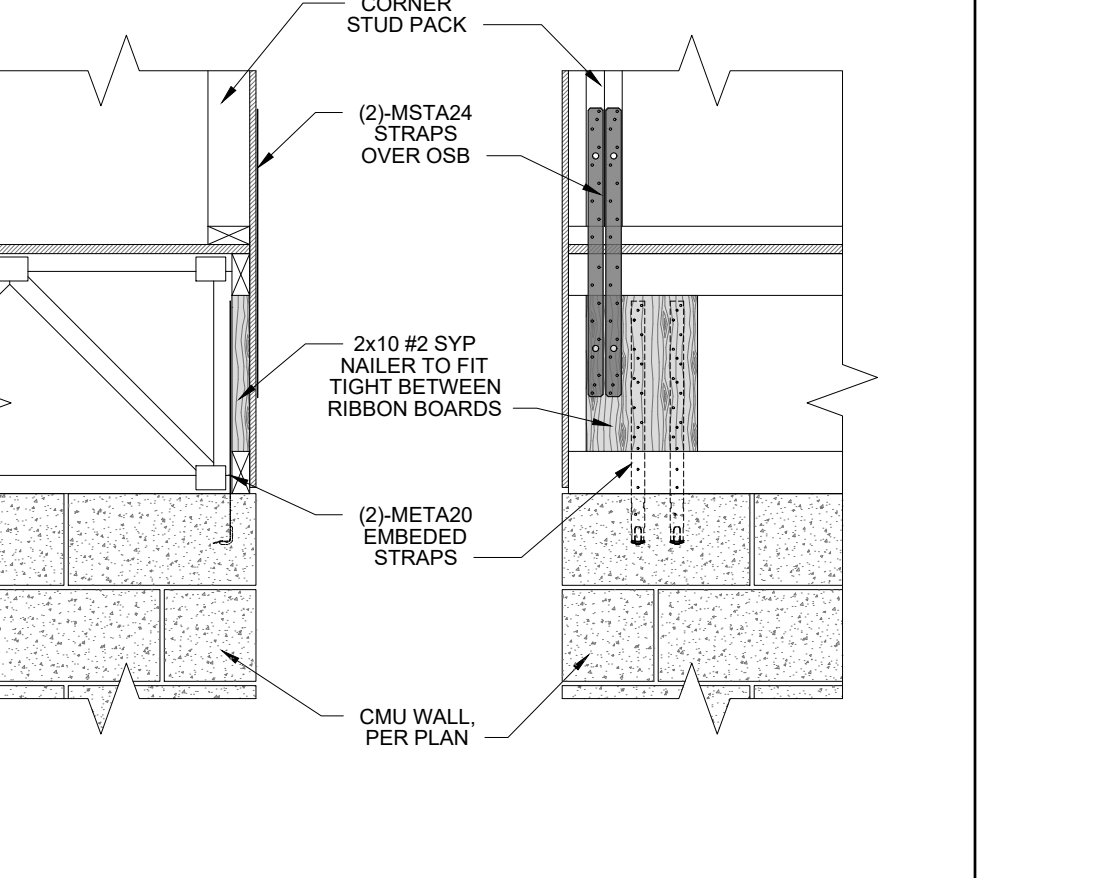
14 **TYP. GIRDER TO COLUMN CONNECTION DETAIL** SCALE: N.T.S.
FILE: FRM-GR-211-GR-COL-CM



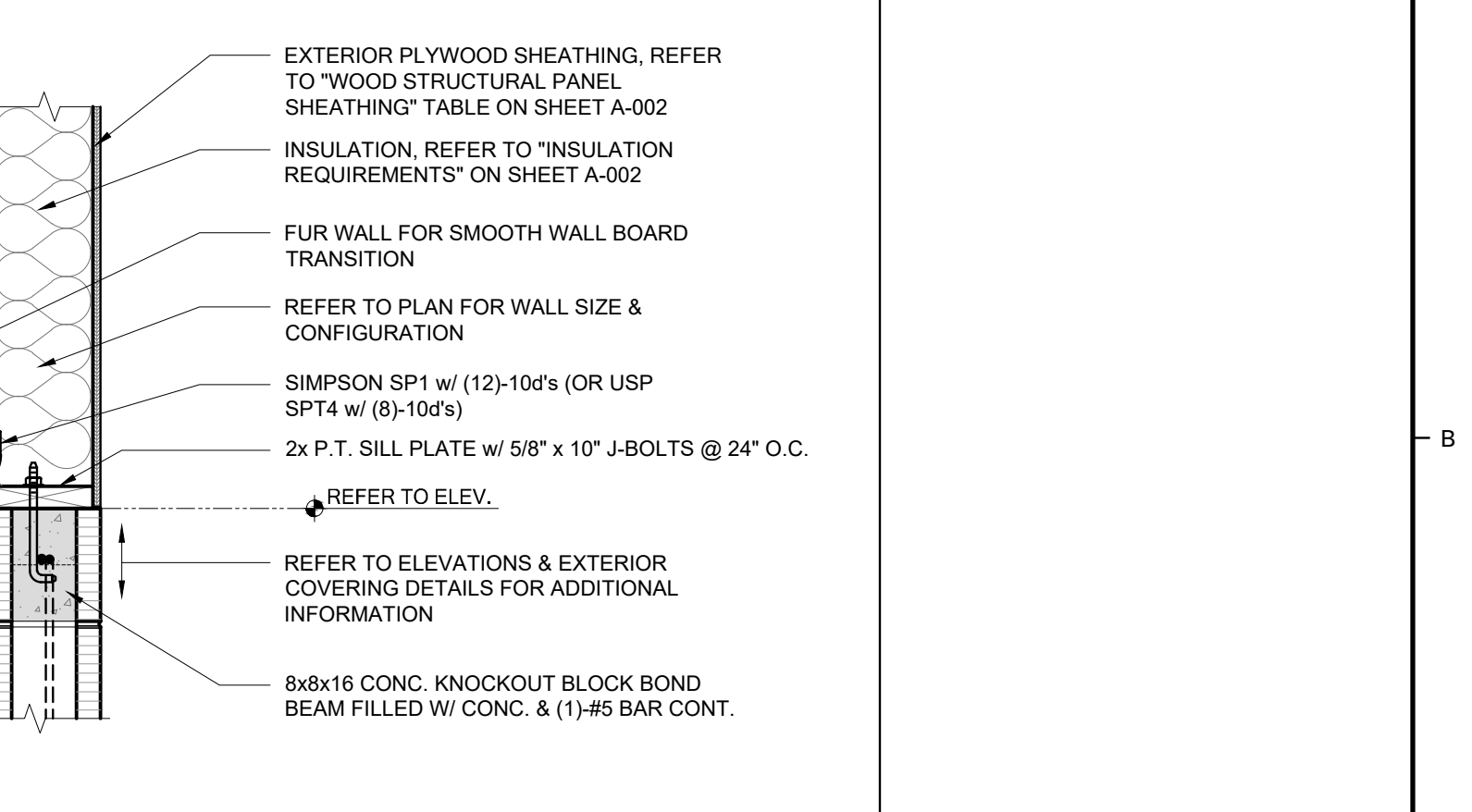
06 **TOP PLATE SPLICE** SCALE: N.T.C.
FILE: FRM-GEN-011-TP-SPL



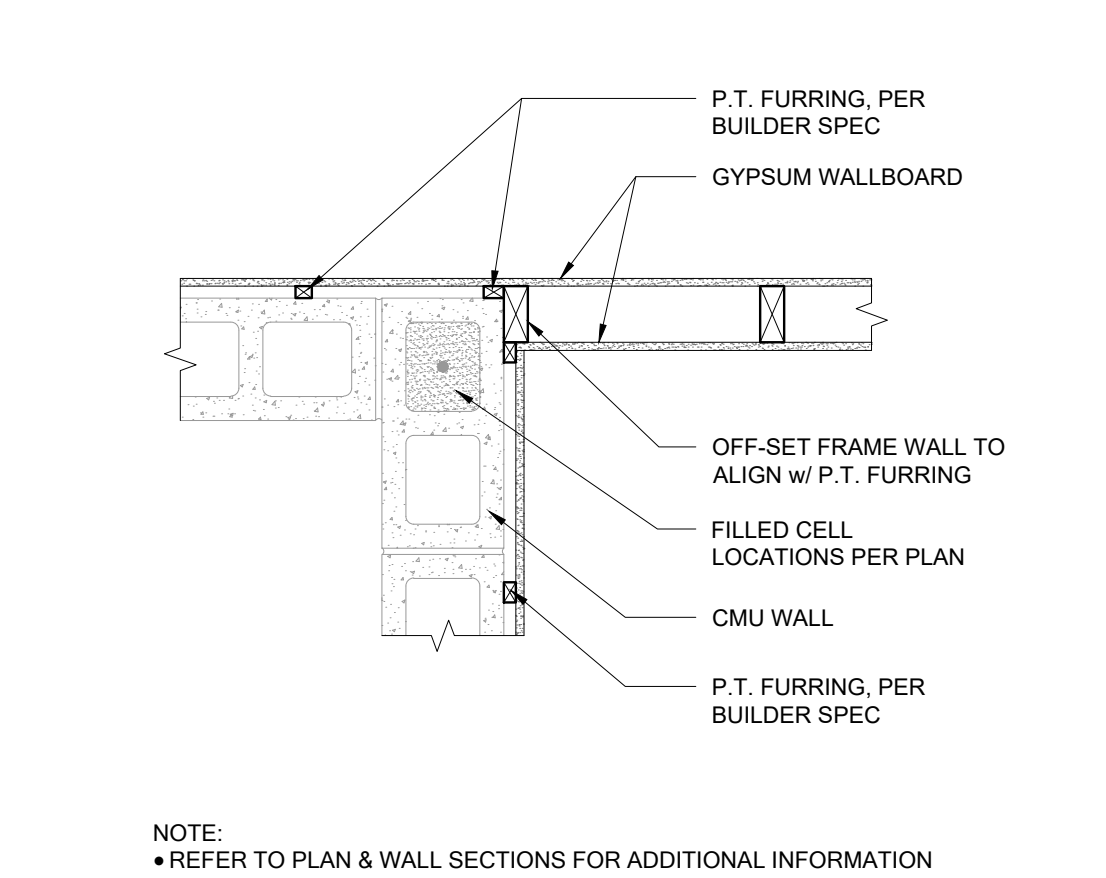
07 **TOP PLATE SPLICE AT WALL SIZE TRANSITION** SCALE: N.T.S.
FILE: FRM-GEN-011-TP-SPL-ANI-CWG



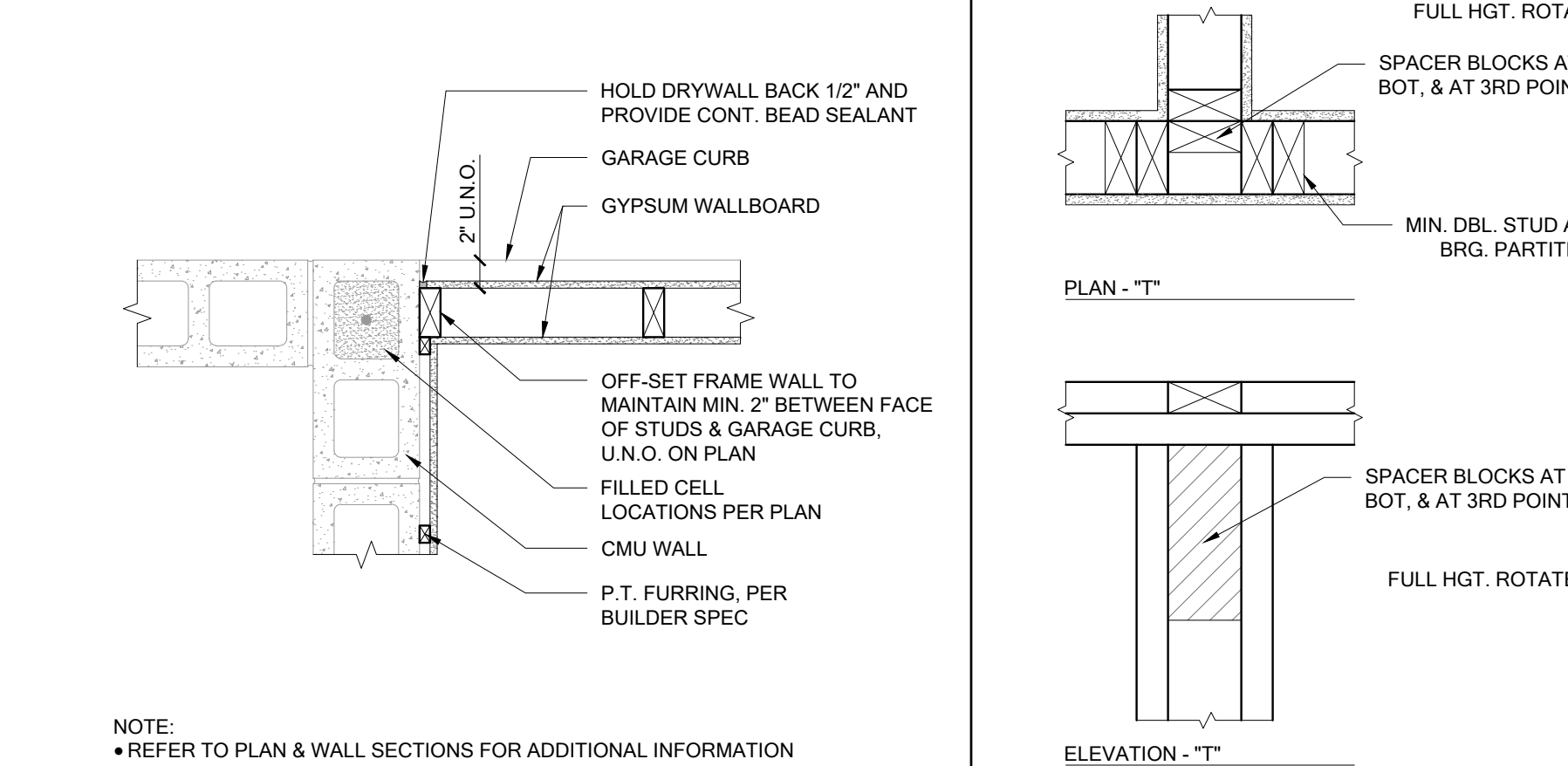
08 **TYP. CORNER TIE-DOWN AT FRAME OVER CMU** SCALE: 3/4" = 1'-0"
FILE: FRM-COR-211-FRM-ANI-COR



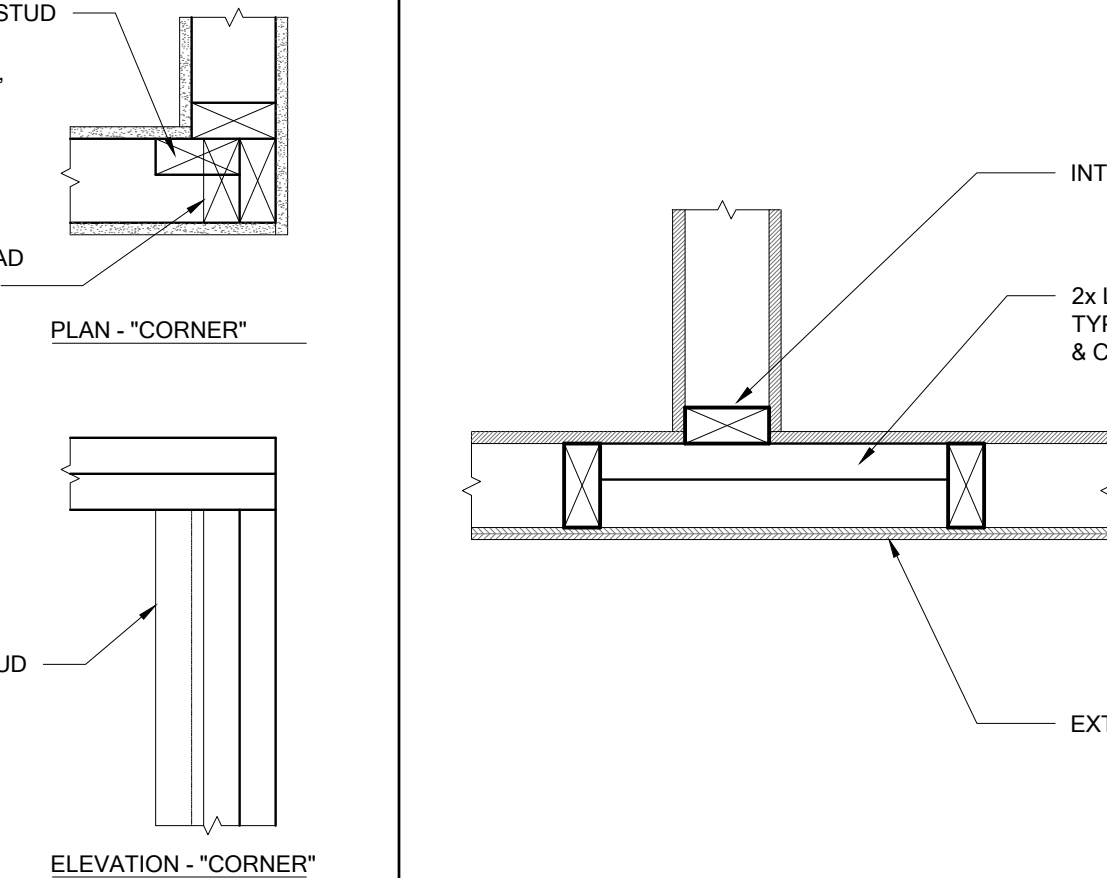
09 **TYP. WALL TO BOND BEAM CONNECTION** SCALE: 1" = 1'-0"
FILE: FRM-WAL-211-EXT-ANI-CMU



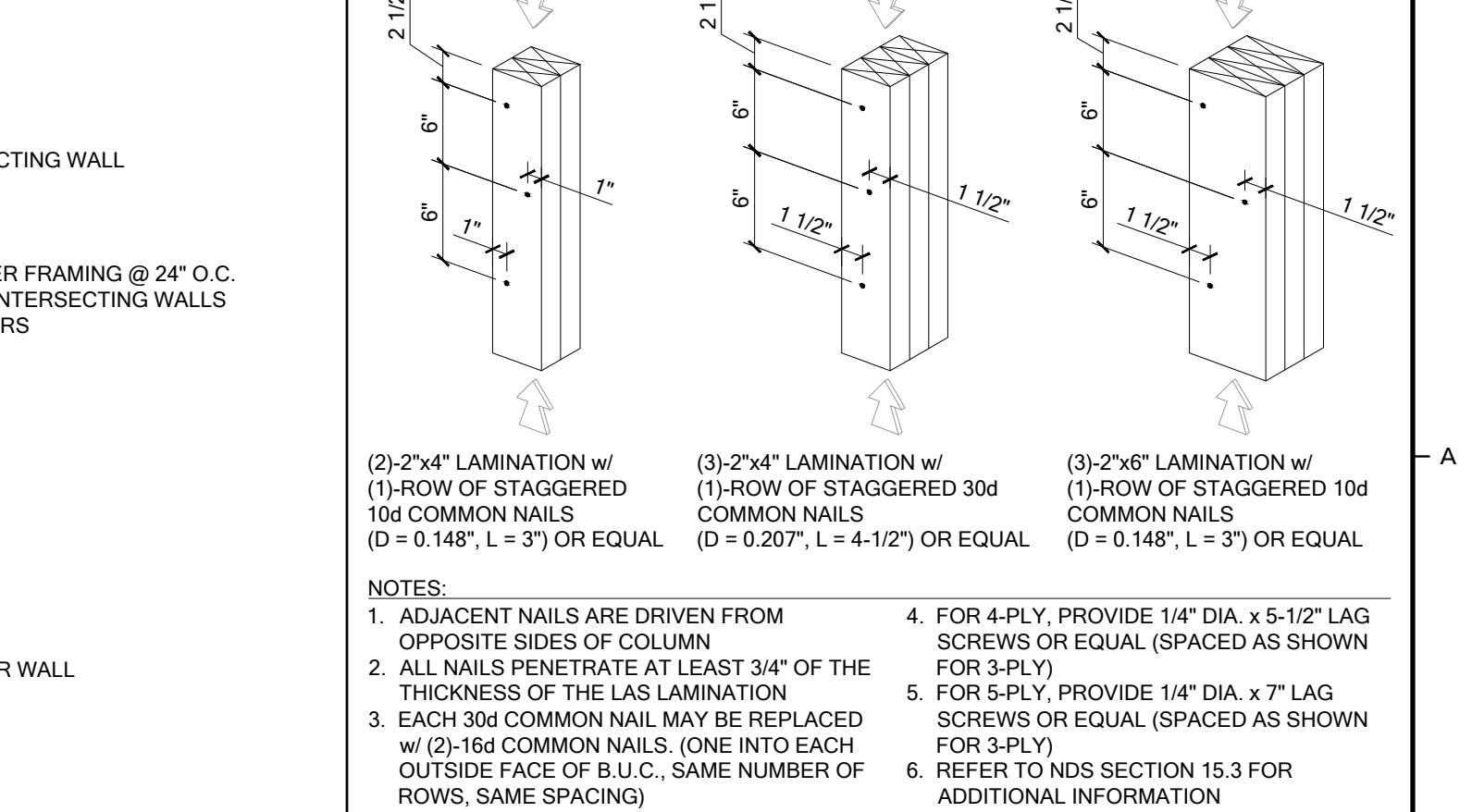
01 **FRAME WALL ALIGNMENT TO INTERIOR CMU CORNER** SCALE: 1" = 1'-0"
FILE: FRM-CMU-011-FRM-ANI-COR-INT



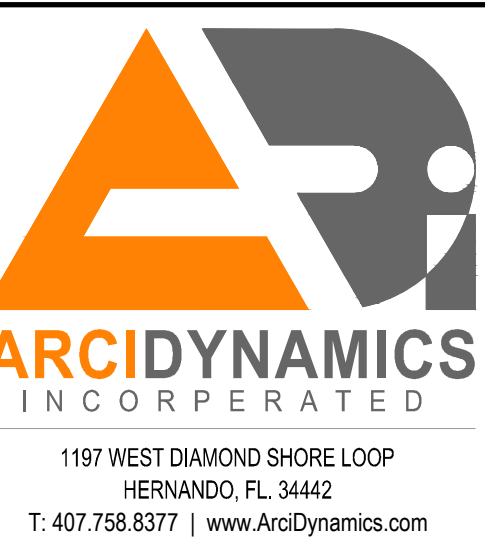
02 **FRAME WALL ALIGNMENT TO GARAGE CMU CORNER** SCALE: 1" = 1'-0"
FILE: FRM-CMU-011-FRM-ANI-COR-GR



03 **TYPICAL "T" & "CORNER" FRAMING DETAIL** SCALE: 1 1/2" = 1'-0"
FILE: FRM-GEN-011-INT-COR-FRM



04 **LADDER FRAMING AT INTERSECTING WALLS** SCALE: 1 1/2" = 1'-0"
FILE: FRM-GEN-011-EXT-COR-FRM



CONTROL:

PLAN NUMBER: 3190G
PLAN NAME: MILOS
SERIES: 1.0
VERSION: 1.0

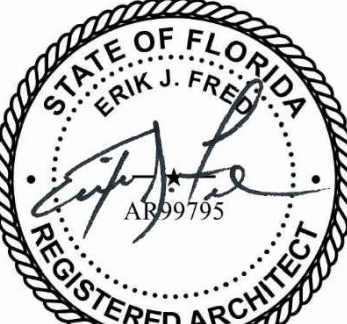
REVISIONS:

MARK	DATE	DESCRIPTION

DESIGN PROFESSIONAL OF RECORD:

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156 DELAFIELD LN.
NEWBURGH, NY 12550

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PROJECT NUMBER: _____

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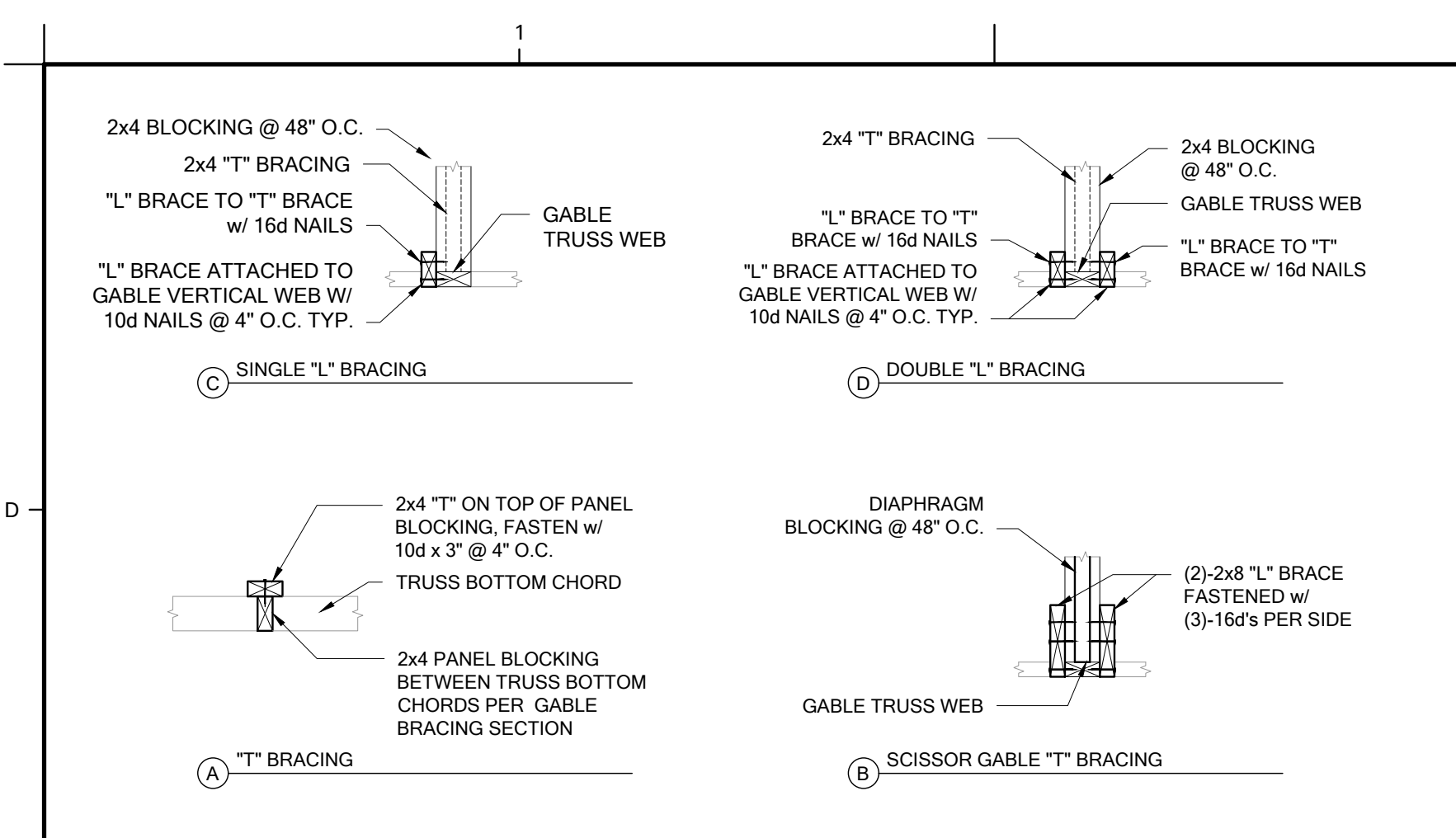
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SHEET TITLE:
DETAILS - GENERAL ASSEMBLIES

SHEET NUMBER:



12 "T" & "L" BRACING DETAILS
SCALE: N.T.S.
FILE: R0F-FMG-011 BRCL-TL

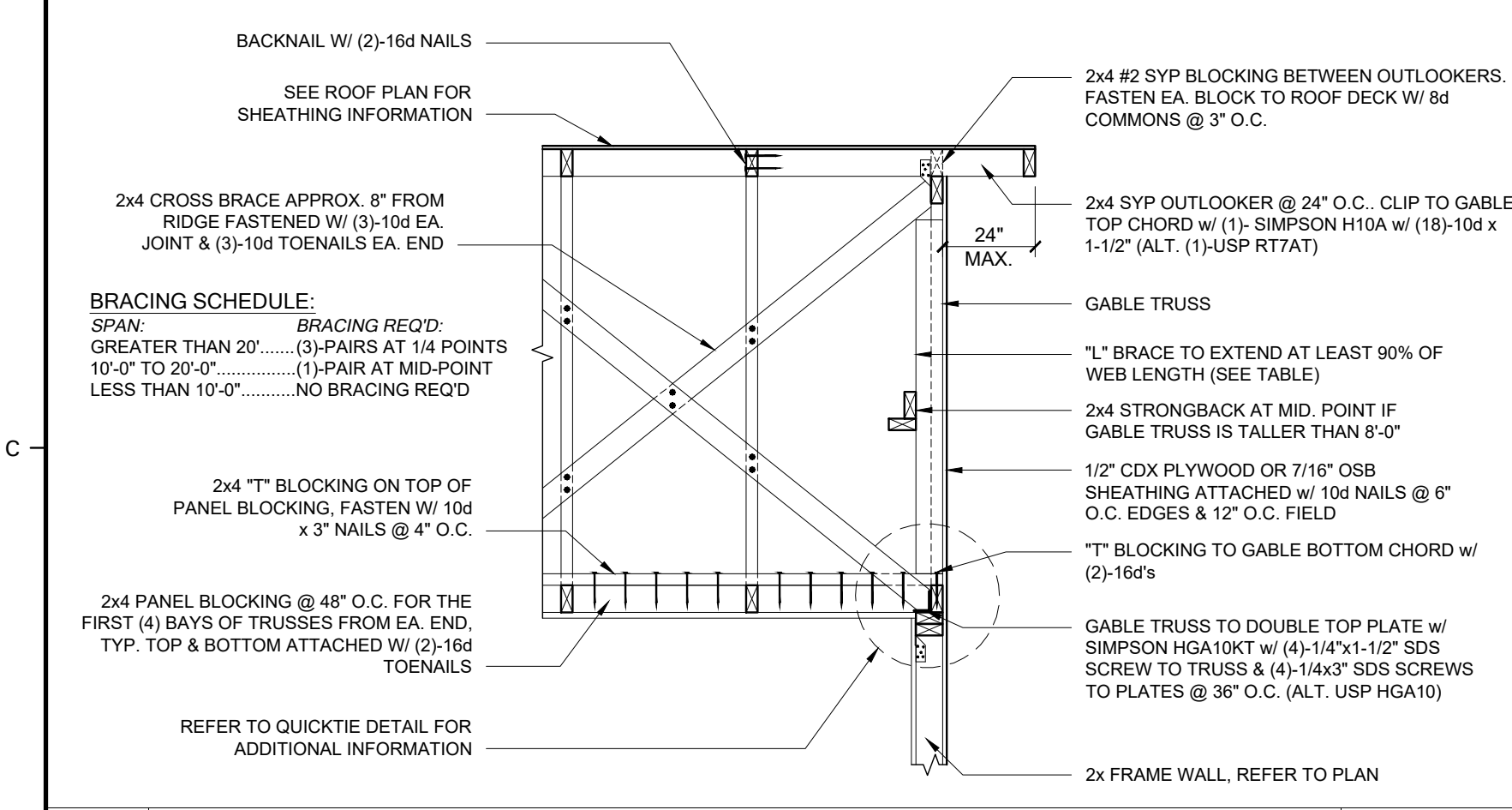
"L" BRACING REQUIREMENTS

STUD SPACING	NO "L" BRACE	(1) 2"x4" (U.N.O.) "L" BRACE	2"x6" (U.N.O.) "L" BRACE
24"	0'-0" - 3'-0"	3'-0" - 6'-0"	6'-0" & GREATER

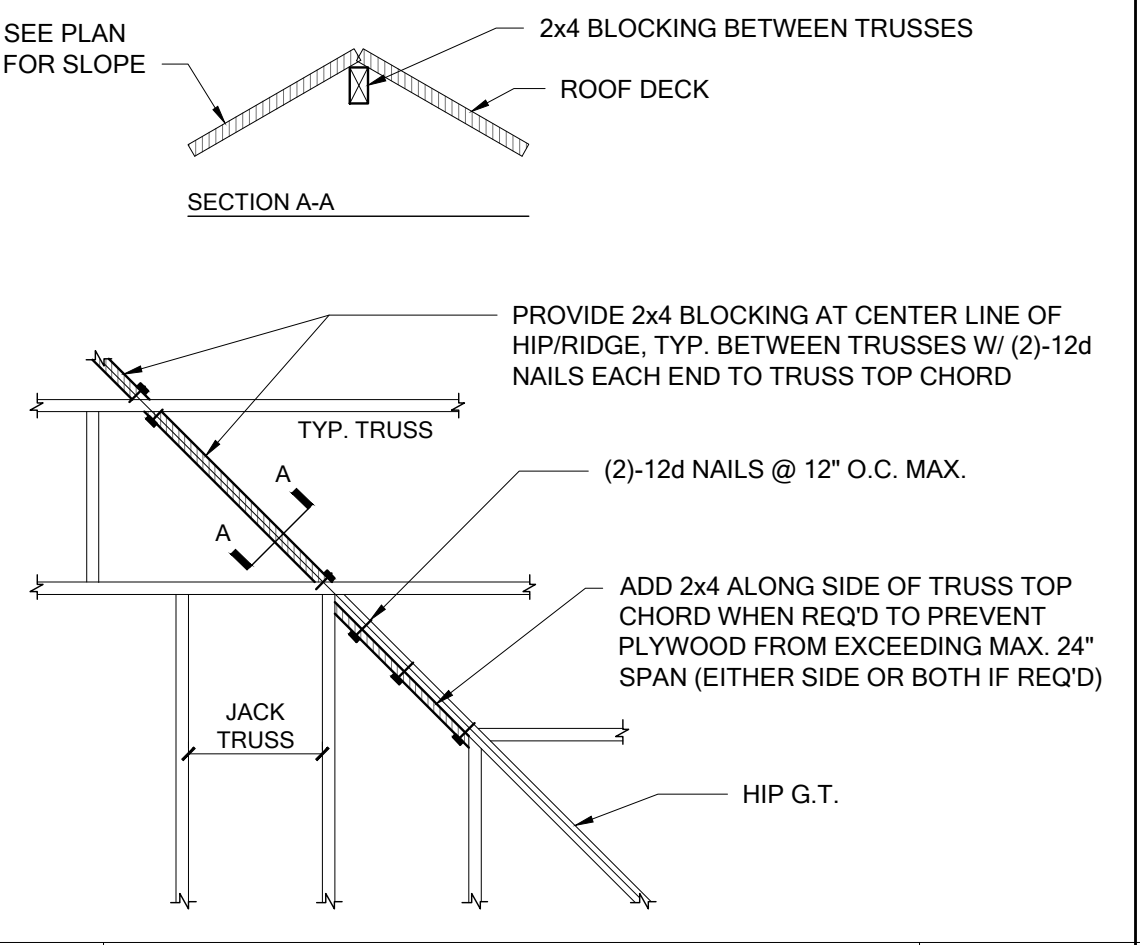
SCISSOR GABLE - (1) 2"x6" #2 S.P.F. @ EACH VERTICAL AND (2) 2"x8" FULL HEIGHT @ DIAPHRAGM BLOCKING

NOTE:
1) "L" BRACE MUST EXTEND AT LEAST 90% OF WEB LENGTH EXCEPT, SCISSOR GABLE WHICH REQUIRES BRACE TO EXTEND FULL HEIGHT OF GABLE.
2) "L" BRACE TO BE FASTENED TO GABLE STUD WITH 10d x 3" NAILS @ 4" O.C.
3) SEE 6/SS FOR MORE INFO.

13 "L" BRACING REQUIREMENTS
SCALE: N.T.S.
FILE: R0F-FMG-011 BRCL-TL



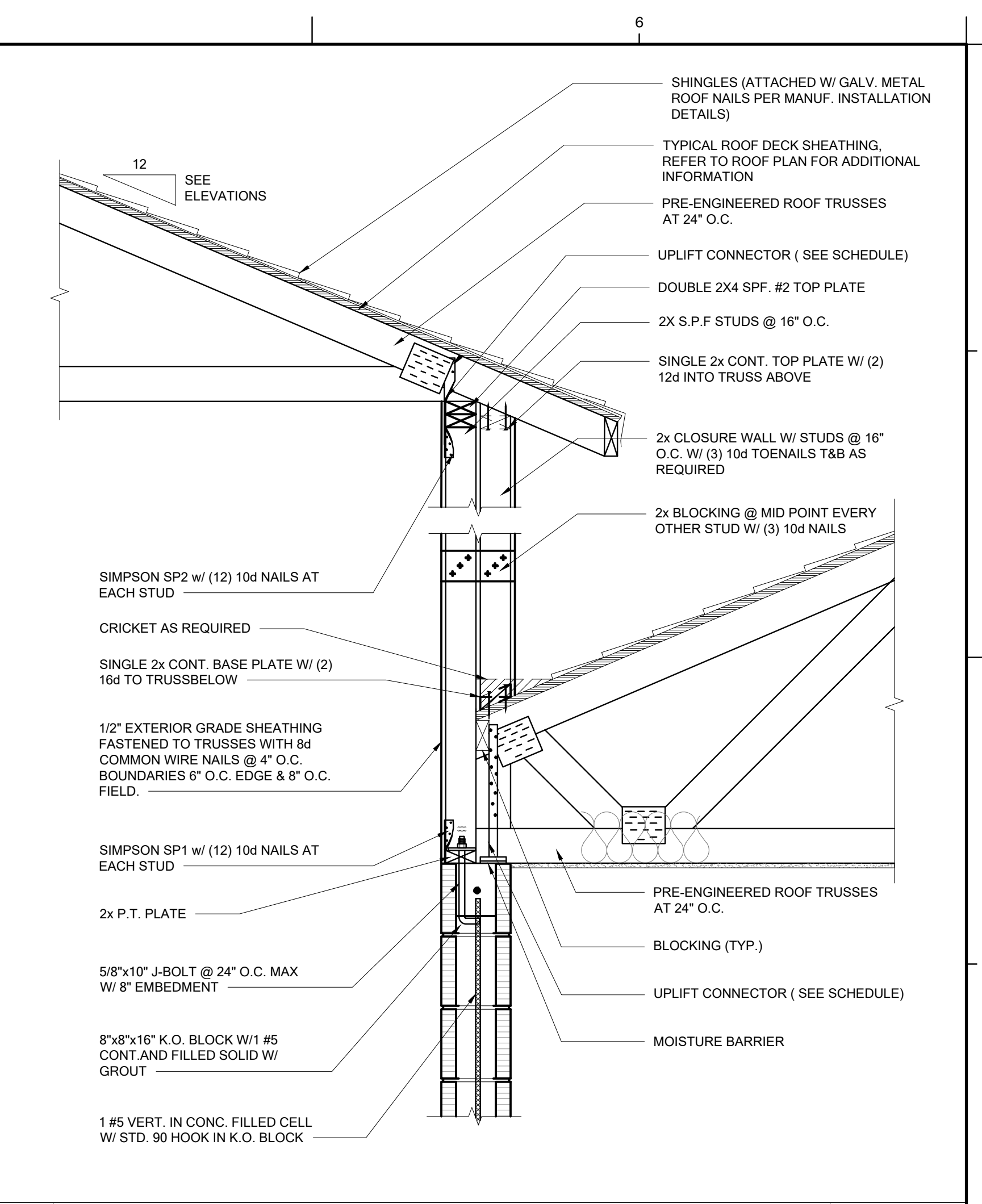
08 TYP. GABLE END OVER FRAME WALL
SCALE: N.T.S.
FILE: R0F-FMG-011 BRCL-TL



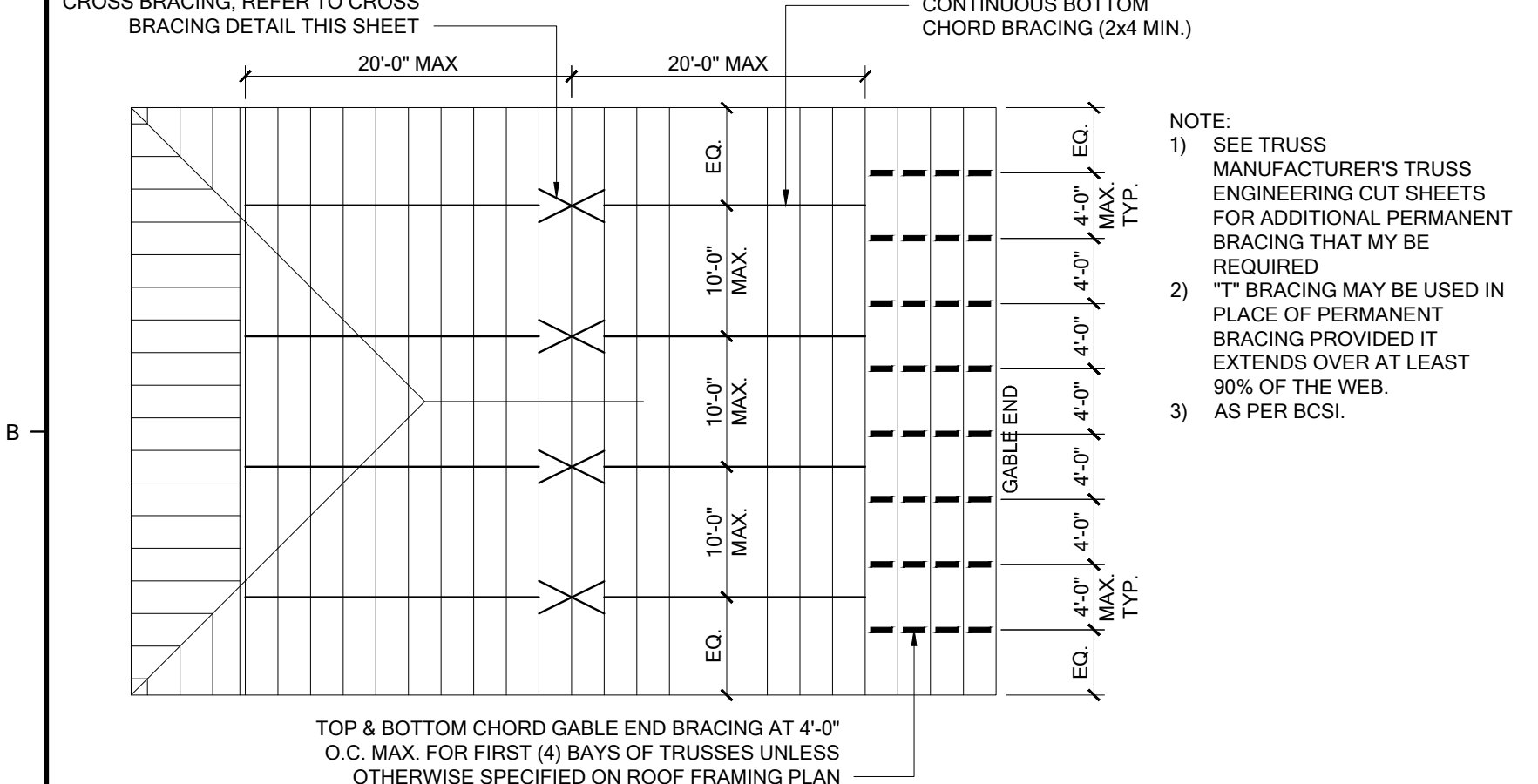
09 TYP. HIP-RIDGE BLOCKING DETAIL
SCALE: N.T.S.
FILE: R0F-FMG-011 BRCL-TL



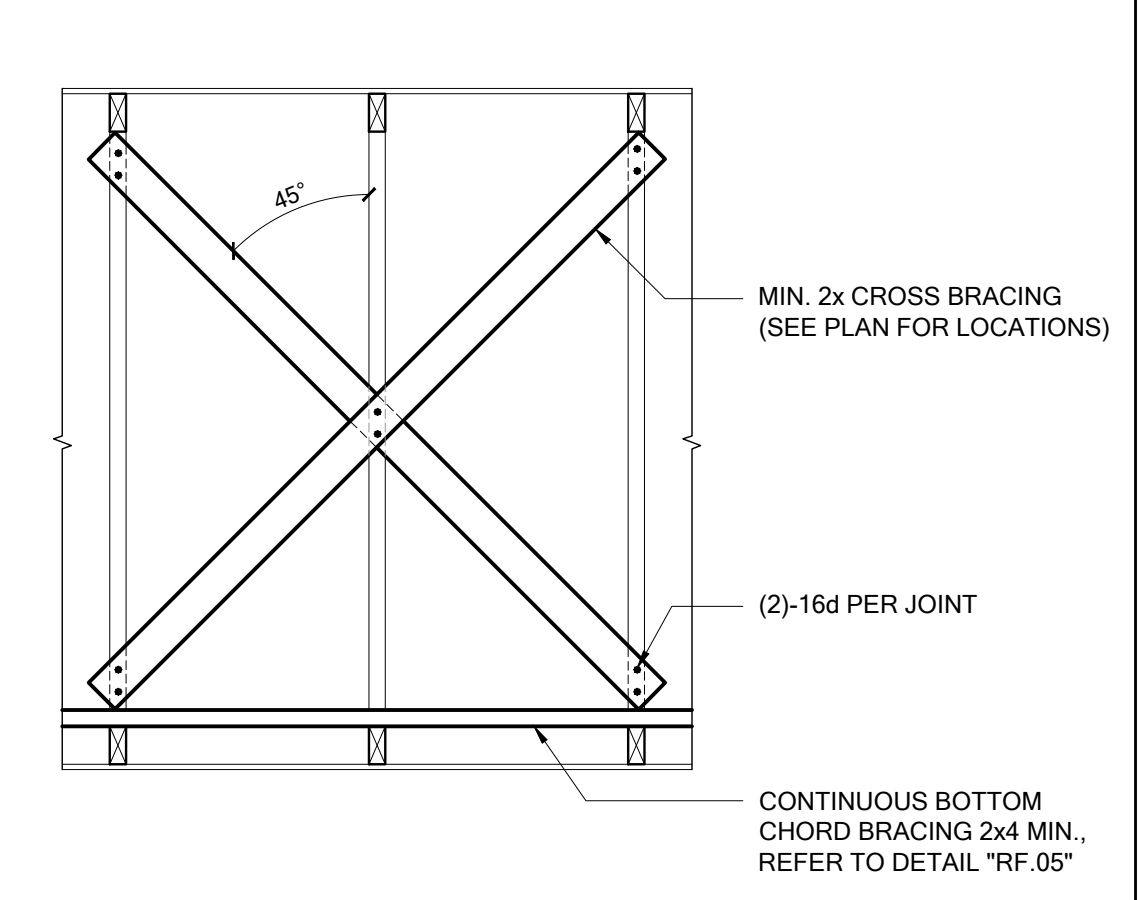
10 EXT. WALL CONNECTION @ NON-LOAD BEARING LOCATION
SCALE: N.T.S.
FILE: R0F-FMG-011 BRCL-TL



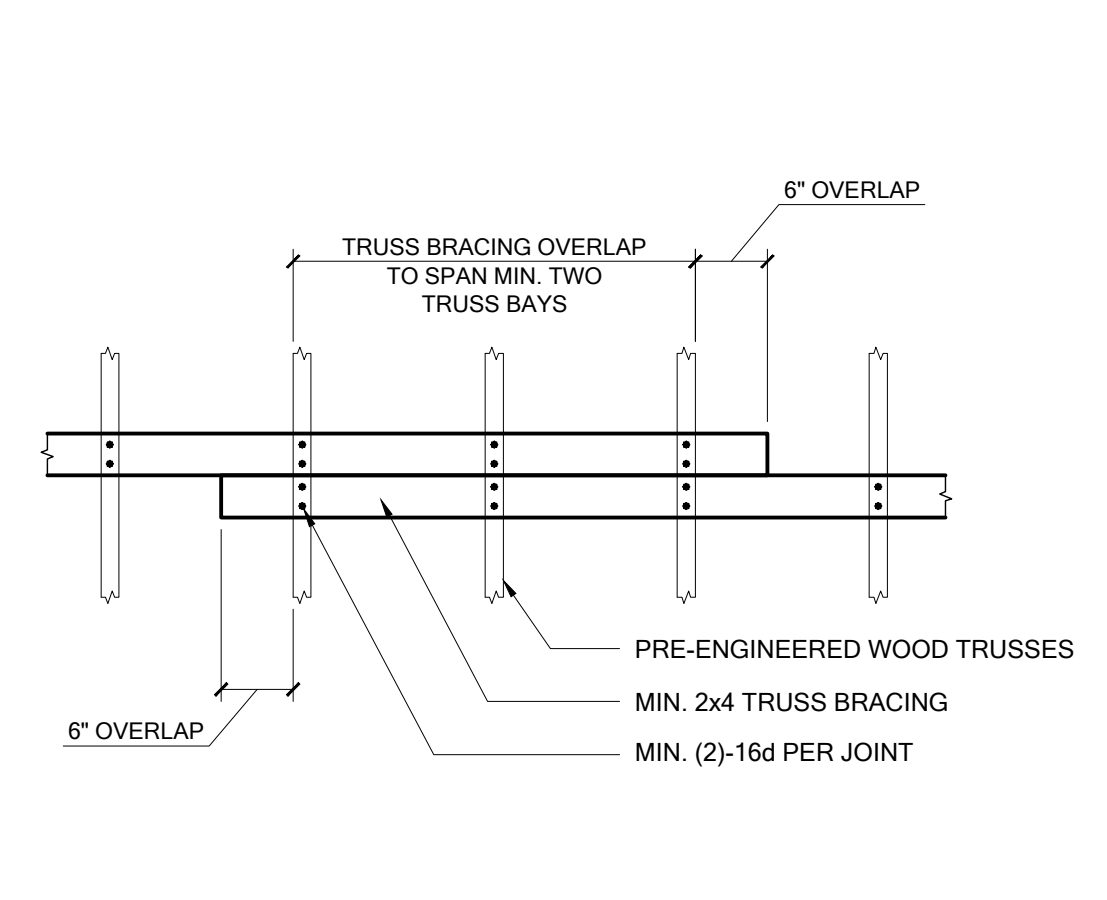
11 KNEE-WALL ABOVE MASONRY WALL DETAIL
SCALE: 1" = 1'-0"
FILE: R0F-FMG-011 BRCL-TL



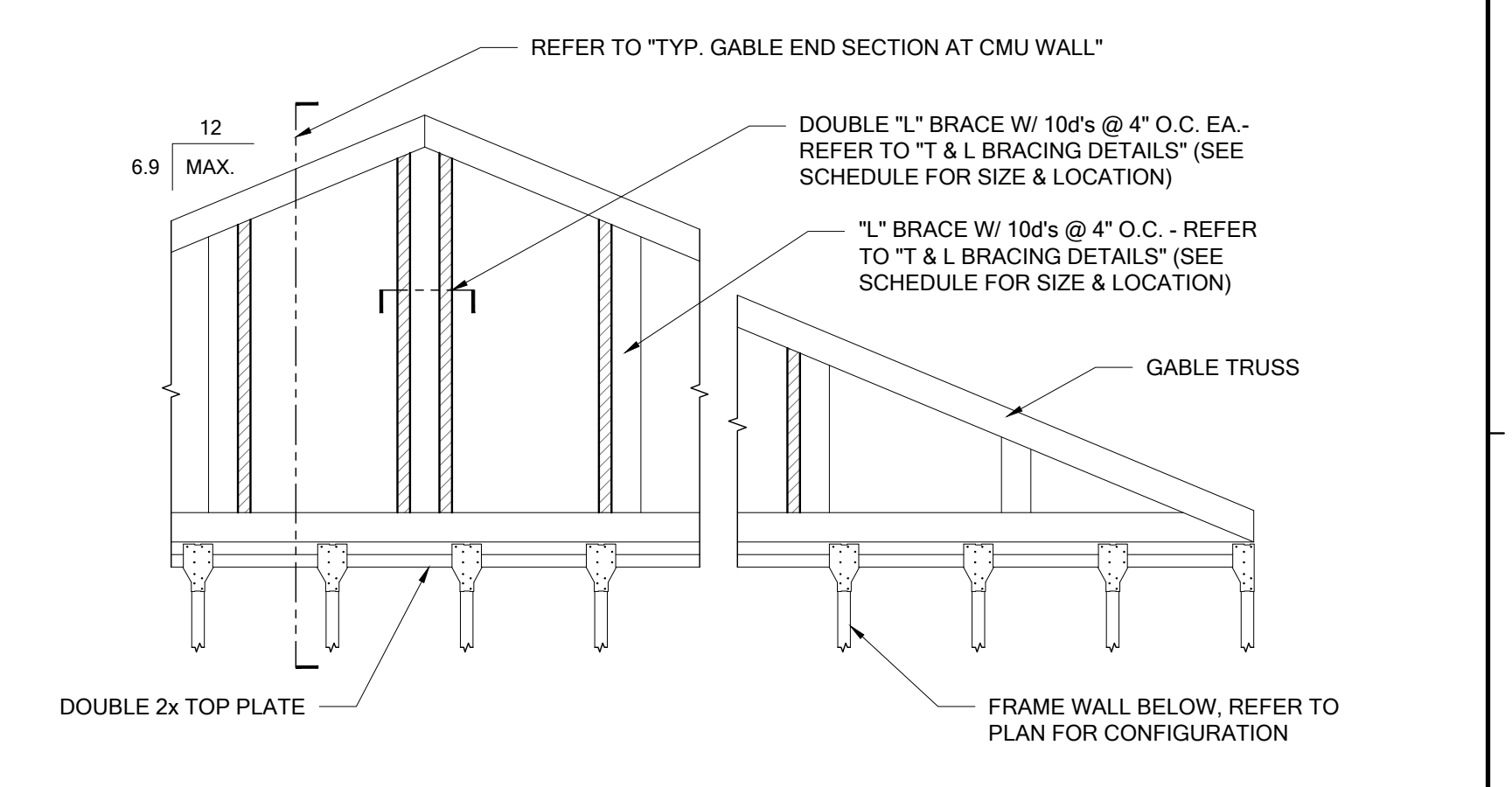
04 MINIMUM PERMANENT TRUSS BRACING REQUIREMENTS DIAGRAM
SCALE: N.T.S.
FILE: R0F-FMG-011 BRCL-TL



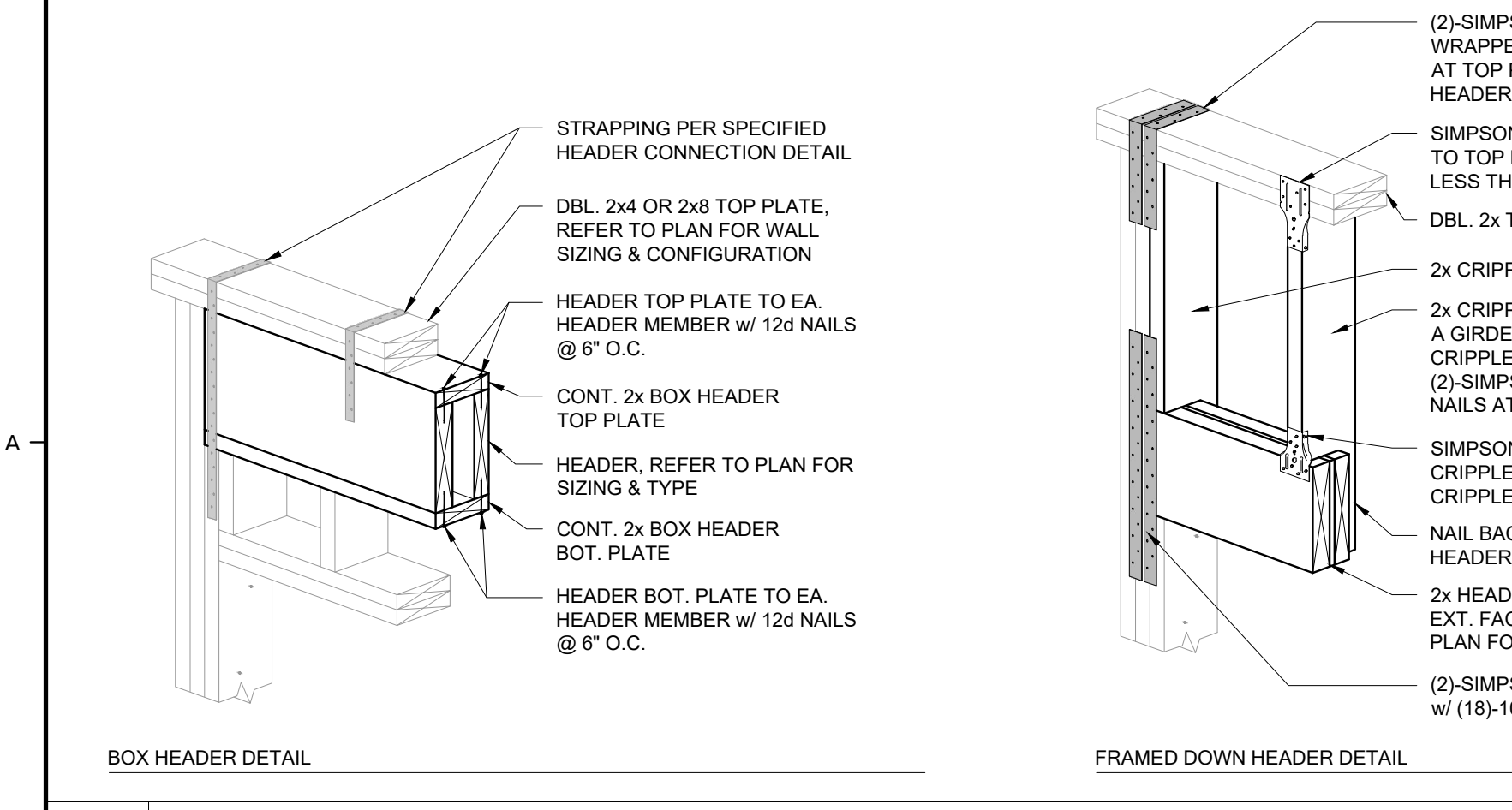
05 TYP. CROSS BRACING DETAIL
SCALE: N.T.S.
FILE: R0F-FMG-011 BRCL-TL



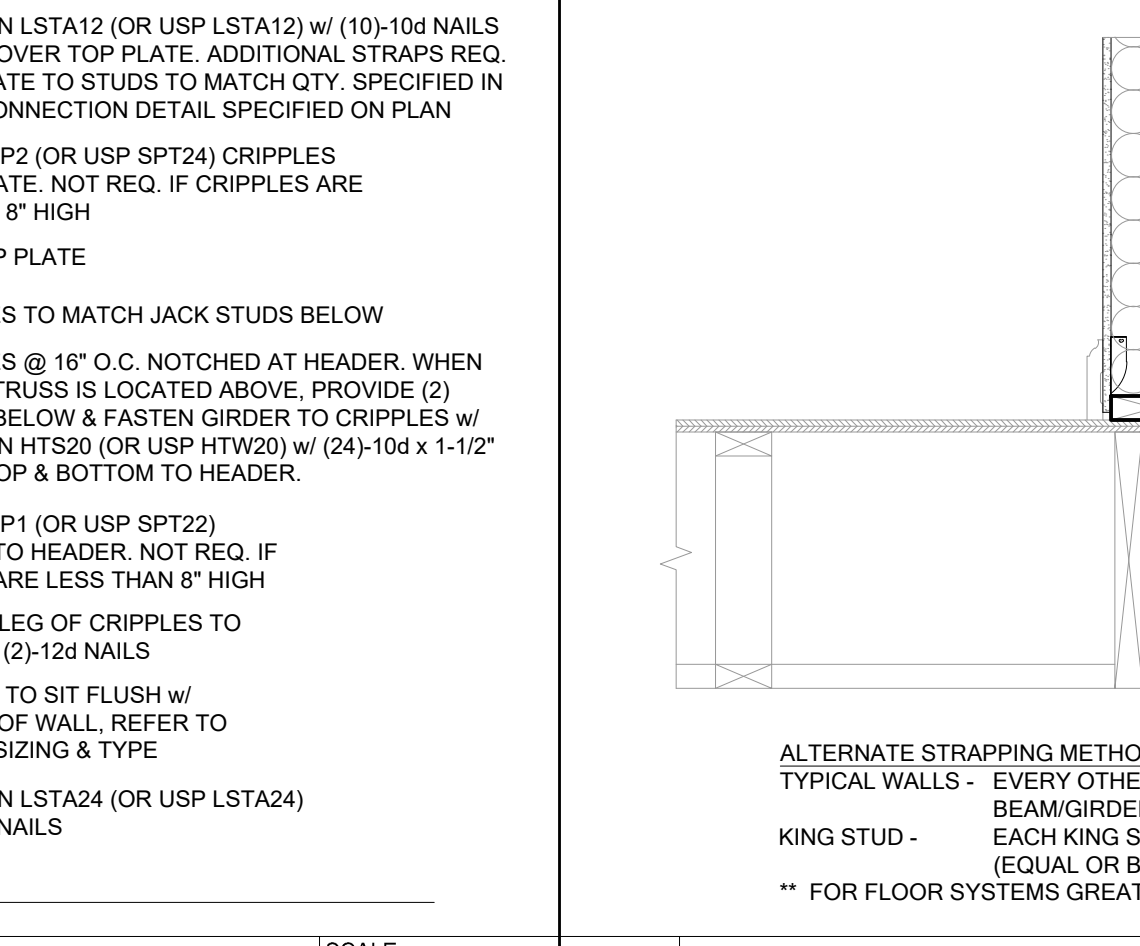
06 TRUSS BRACING OVERLAP DETAIL
SCALE: N.T.S.
FILE: R0F-FMG-011 BRCL-TL



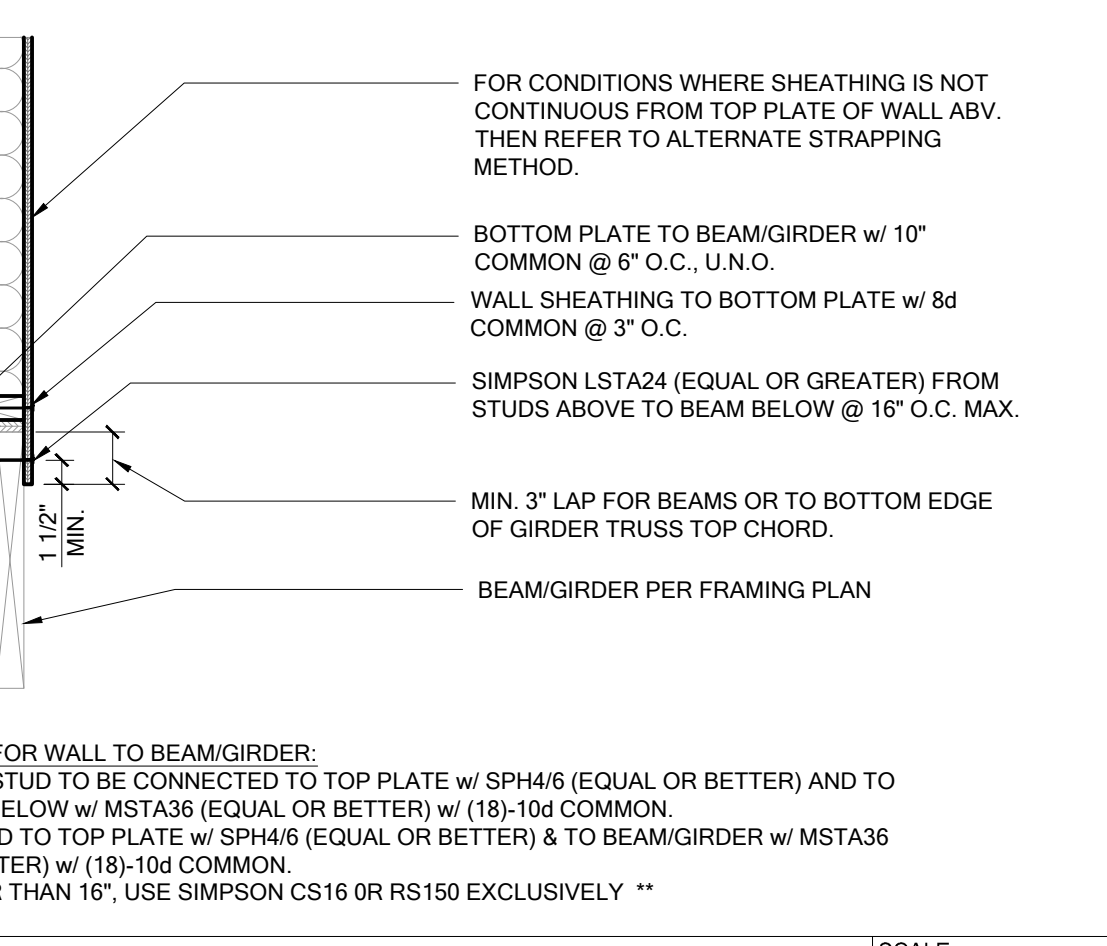
07 TYP. GABLE END OVER FRAME WALL
SCALE: N.T.S.
FILE: R0F-FMG-011 BRCL-TL



01 OPTIONAL ALTERNATE HEADER CONFIGURATIONS
SCALE: N.T.S.
FILE: R0F-FMG-011 BRCL-TL



02 UPPER WALL TO BEAM/GIRDER
SCALE: 1" = 1'-0"
FILE: R0F-FMG-011 BRCL-TL



03 SECTION AT COMBINATION TRUSS
SCALE: 1" = 1'-0"
FILE: R0F-FMG-011 BRCL-TL



BELLA COLLINA
COMMUNITY: BELLA COLLINA
LOT: 78
ADDRESS: 16009 VETTA DRIVE, MONTVERDE, FLORIDA 34756

CONTROL:
PLAN NUMBER: 3190G
PLAN NAME: MILOS
SERIES: 1.0
VERSION: 1.0

REVISIONS:

MARK	DATE	DESCRIPTION

DESIGN PROFESSIONAL OF RECORD:
ERIK J. FRED, AIA
156 DELAFIELD LN., NEWBURGH, NY 12550

PROFESSIONAL SEAL:



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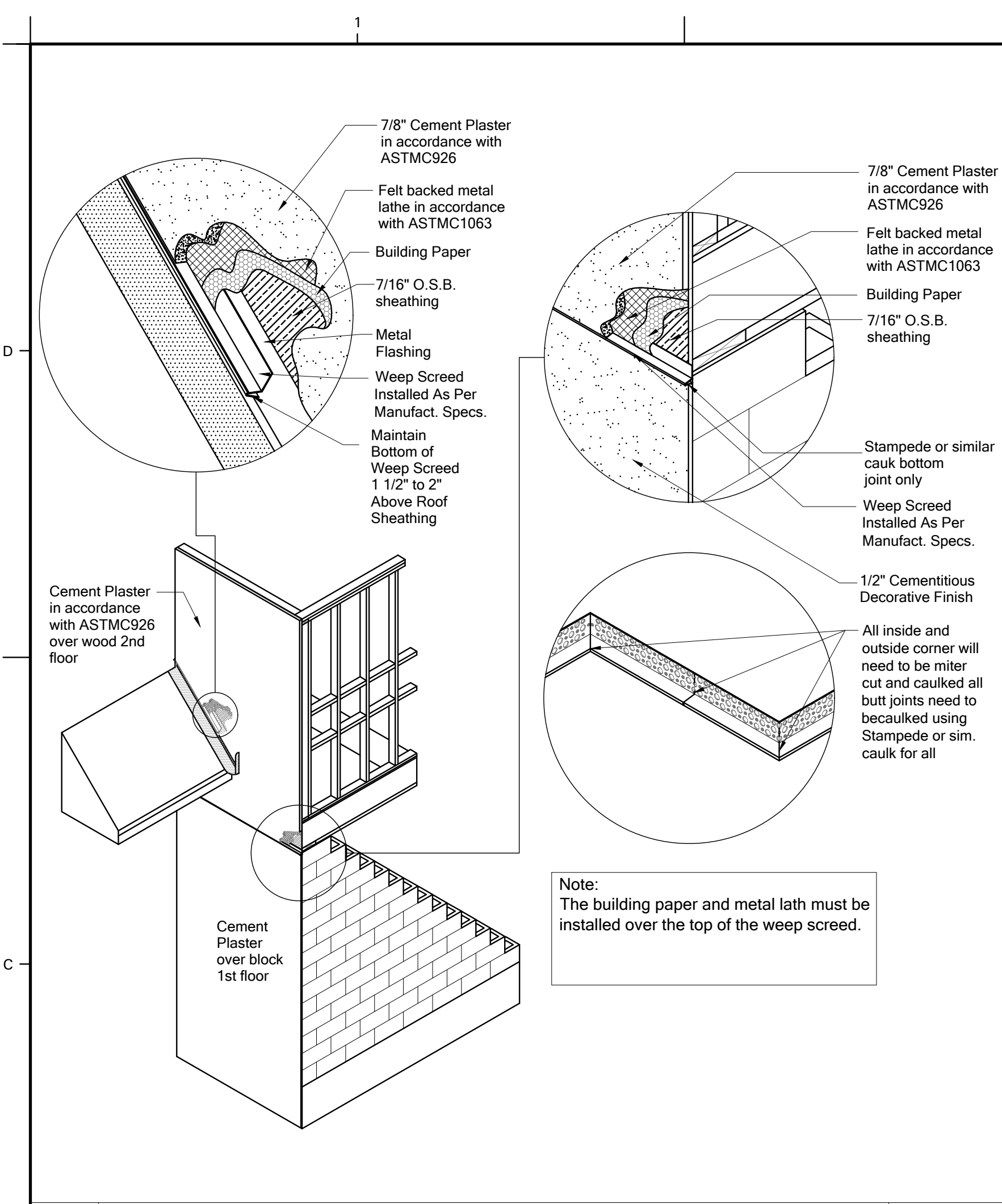
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ISSUE DATE: 04.18.22
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CHECKED BY: JG
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CHECKED BY: JG

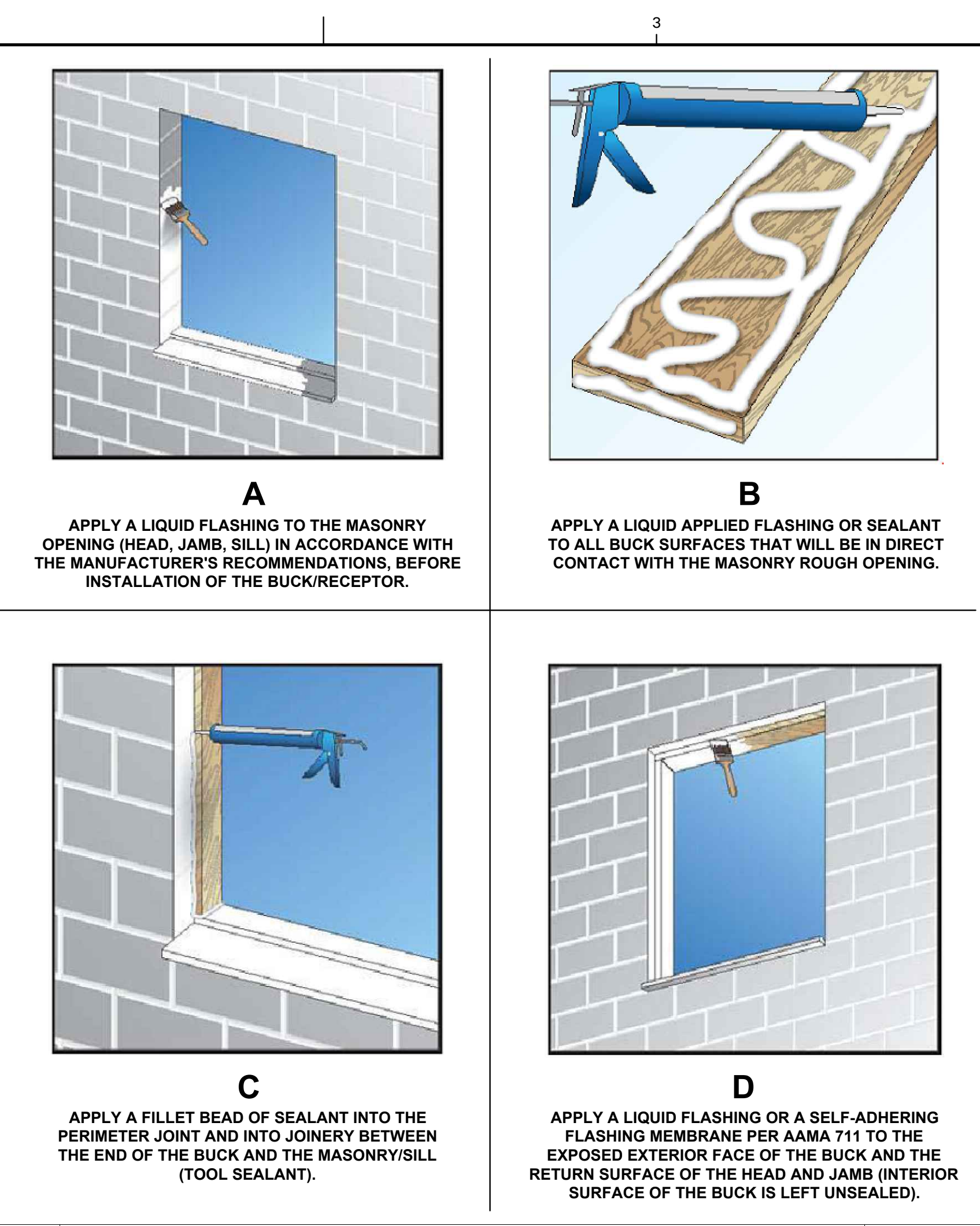
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SHEET TITLE: **DETAILS - GENERAL ASSEMBLIES**

SHEET NUMBER: **A-906**



WP07 WEEP SCREED DETAIL SCALE: N.T.S. FILE:



WP08 SCALE: N.T.S. FILE:

SELF ADHERED FLASHING PRODUCT DETAILS:

TWO LAYERS OF FELT OR ONE LAYER OF HOUSE WRAP AND ONE LAYER OF FELT ARE REQUIRED BEHIND STUCCO. FBC R703.2.1 AND FBC R703.7.3

DETAIL INSTRUCTIONS REFER TO THE NUMBER MARKED AS (A) IN EACH DETAIL THAT CORRESPONDS TO THE NUMBERED ITEMS IN THE LIST OF INSTRUCTIONS BELOW:

1. INSTALL SELF-ADHERED FLASHING IN ORDER AS SHOWN BY NUMBERS
2. INSTALL FLASHING AND WEATHER RESISTIVE BARRIER TO FORM WATER SHEDDING LAPS
3. SELF-ADHERED FLASHING CAN BE SUBSTITUTED FOR BUILDING PAPER
4. SPLIT THE RELEASE PAPER USING THE RIPCORD (SPLIT RELEASE ON DEMAND, EMBEDDED IN THE ADHESIVE LAYER) - FOR EASE OF INSTALLATION AND TO MINIMIZE SCORING CUTS
5. REMOVE ALL RELEASE PAPER PER STANDARD INSTALLATION INSTRUCTIONS AND ADHERE TO SUBSTRATE USING A SQUARE PIECE OF FLASHING MATERIAL (6" X 6" MINIMUM)
6. FOLD AS SHOWN BY ARROWS
7. ANGLE OF CORNER MAY VARY, ADJUST FOLDING OF THE FLASHING ACCORDINGLY TO FIT TIGHT TO CORNER
8. MECHANICALLY FASTEN AS NECESSARY

FLASHING REQUIREMENTS:

R703.1 GENERAL. EXTERIOR WALLS SHALL PROVIDE THE BUILDING WITH A WEATHER-RESISTANT EXTERIOR WALL ENVELOPE. THE EXTERIOR WALL ENVELOPE SHALL INCLUDE FLASHING AS DESCRIBED IN SECTION R703.4. A WATER-RESISTIVE BARRIER IS DESCRIBED AS A MATERIAL BEHIND AN EXTERIOR WALL COVERING THAT IS INTENDED TO RESIST LIQUID WATER THAT HAS PENETRATED BEHIND THE EXTERIOR COVERING FROM FURTHER INTRUDING INTO THE EXTERIOR WALL ASSEMBLY. AN EXTERIOR WALL COVERING IS DESCRIBED AS A MATERIAL OR ASSEMBLY OF MATERIALS APPLIED ON THE EXTERIOR SIDE OF EXTERIOR WALLS FOR THE PURPOSE OF PROVIDING A WEATHER-RESISTIVE BARRIER, INSULATION, OR FOR AESTHETICS, INCLUDING BUT NOT LIMITED TO, VENEERS, SIDING, EXTERIOR INSULATION AND FINISH SYSTEMS, ARCHITECTURAL TRIM AND EMBELLISHMENTS SUCH AS CORNICES, SOFFITS, AND FASCIAS.

R703.2 WATER-RESISTIVE BARRIER. ONE LAYER OF NO. 15 ASPHALT FELT, FREE FROM HOLES AND BREAKS, COMPLYING WITH ASTM D228 FOR TYPE 1 FELT OR OTHER APPROVED WATER-RESISTIVE BARRIER SHALL BE APPLIED OVER STUDS OR SHEATHING OF ALL EXTERIOR WALLS. SUCH FELT OR MATERIAL SHALL BE APPLIED HORIZONTALLY, WITH THE UPPER LAYER LAPPED OVER THE LOWER LAYER NOT LESS THAN 2 INCHES (51 MM), WHERE JOINTS OCCUR, FELT SHALL BE LAPPED NOT LESS THAN 6 INCHES (152 MM). THE FELT OR OTHER APPROVED MATERIAL SHALL BE CONTINUOUS TO THE TOP OF WALLS AND TERMINATED AT PENETRATIONS AND BUILDING APPENDAGES IN A MANNER TO MEET THE REQUIREMENTS OF THE EXTERIOR WALL ENVELOPE AS DESCRIBED IN SECTION R703.1.

R703.3 WATER-RESISTIVE BARRIERS SHALL BE INSTALLED AS REQUIRED IN SECTION R703.2 AND, WHERE APPLIED OVER WOOD-BASED SHEATHING, SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF GRADE D PAPER. THE INDIVIDUAL LAYERS SHALL BE INSTALLED INDEPENDENTLY SUCH THAT EACH LAYER PROVIDES A SEPARATE CONTINUOUS PLANE AND ANY FLASHING (INSTALLED IN ACCORDANCE WITH SECTION R703.4) INTENDED TO DRAIN TO THE WATER-RESISTIVE BARRIER IS DIRECTED BETWEEN THE LAYERS.

EXCEPTION: WHERE THE WATER-RESISTIVE BARRIER THAT IS APPLIED OVER WOOD-BASED SHEATHING HAS A WATER RESISTANCE EQUAL TO OR GREATER THAN THAT OF 60-MINUTE GRADE D PAPER AND IS SEPARATED FROM THE STUCCO BY AN INTERVENING, SUBSTANTIALLY NONWATER-ABSORBING LAYER OR DESIGNED DRAINAGE SPACE.

R703.4 FLASHING. APPROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED SHINGLE-FASHION IN A MANNER TO PREVENT ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS. SELF-ADHERED MEMBRANES USED AS FLASHING SHALL COMPLY WITH AAMA 711. ALL EXTERIOR PENETRATION PRODUCTS SHALL BE SEALED AT THE JUNCTURE WITH THE BUILDING WALL WITH A SEALANT COMPLYING WITH AAMA 800 OR ASTM C920 CLASS 25 GRADE NS OR GREATER FOR PROPER JOINT EXPANSION AND CONTRACTION, ASTM C1281, AAMA 812, OR OTHER APPROVED STANDARD AS APPROPRIATE FOR THE TYPE OF SEALANT. FLUID-APPLIED MEMBRANES USED AS FLASHING IN EXTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH. APPROVED CORROSION RESISTANT FLASHINGS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS:

1. EXTERIOR WINDOW AND DOOR OPENINGS. FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER-RESISTIVE BARRIER COMPLYING WITH SECTION 703.2 FOR SUBSEQUENT DRAINAGE. MECHANICALLY ATTACHED FLEXIBLE FLASHINGS SHALL COMPLY WITH AAMA 712. FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL BE INSTALLED IN ACCORDANCE WITH ONE OR MORE OF THE FOLLOWING:
 - 1.1. THE PENETRATION MANUFACTURER'S INSTALLATION AND FLASHING INSTRUCTIONS. OR FOR APPLICATIONS NOT ADDRESSED IN THE PENETRATION MANUFACTURER'S INSTRUCTIONS, IN ACCORDANCE WITH THE FLASHING MANUFACTURER'S INSTRUCTIONS. WHERE FLASHING INSTRUCTIONS OR DETAILS ARE NOT PROVIDED, PAN FLASHING SHALL BE INSTALLED AT THE SILL OF EXTERIOR WINDOW AND DOOR OPENINGS. PAN FLASHING SHALL BE SEALED OR SLOPED IN SUCH A MANNER AS TO DIRECT WATER TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER RESISTIVE BARRIER FOR SUBSEQUENT DRAINAGE. OPENINGS USING PAN FLASHING SHALL INCORPORATE FLASHING OR PROTECTION AT THE HEAD AND SIDES.
 - 1.2. IN ACCORDANCE WITH THE FLASHING DESIGN OR METHOD OF A REGISTERED DESIGN PROFESSIONAL.
 - 1.3. IN ACCORDANCE WITH OTHER APPROVED METHODS.
 - 1.4. IN ACCORDANCE WITH FMA/AAMA 100, FMA/AAMA 200, FMA/WDMA 250, FMA/AAMA/WDMA 300 OR FMA/AAMA/WDMA 400.
2. AT THE INTERSECTION OF CHIMNEYS OR OTHER MASONRY CONSTRUCTION WITH FRAME OR STUCCO WALLS, WITH PROJECTING LIPS ON BOTH SIDES UNDER STUCCO COPINGS.
3. UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILLS.
4. CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM.
5. WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF WOOD-FRAME CONSTRUCTION.
6. AT WALL AND ROOF INTERSECTIONS.
7. AT BUILT-IN GUTTERS.



BELLA COLLINA
 BLOCK: 78
 LOT: 78
 ADDRESS: 16009 VETTA DRIVE, MONTVERDE, FLORIDA 34756

CONTROL:
 PLAN NUMBER: 3190G
 PLAN NAME: MILOS
 SERIES:
 VERSION: 1.0

REVISIONS:

MARK DATE DESCRIPTION

DESIGN PROFESSIONAL OF RECORD:
ERIK J. FRED, AIA
 156 DELAFIELD LN., NEWBURGH, NY 12550

PROFESSIONAL SEAL:



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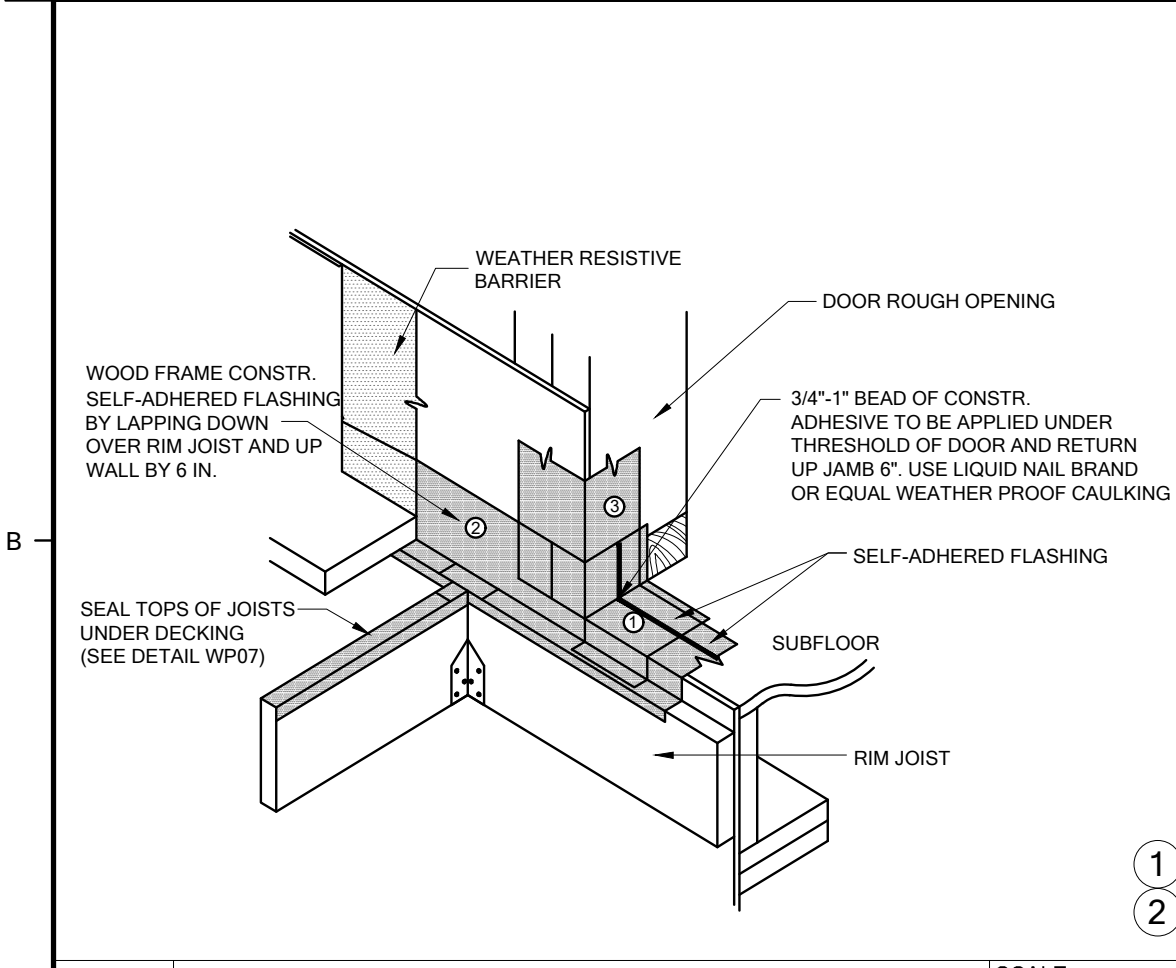
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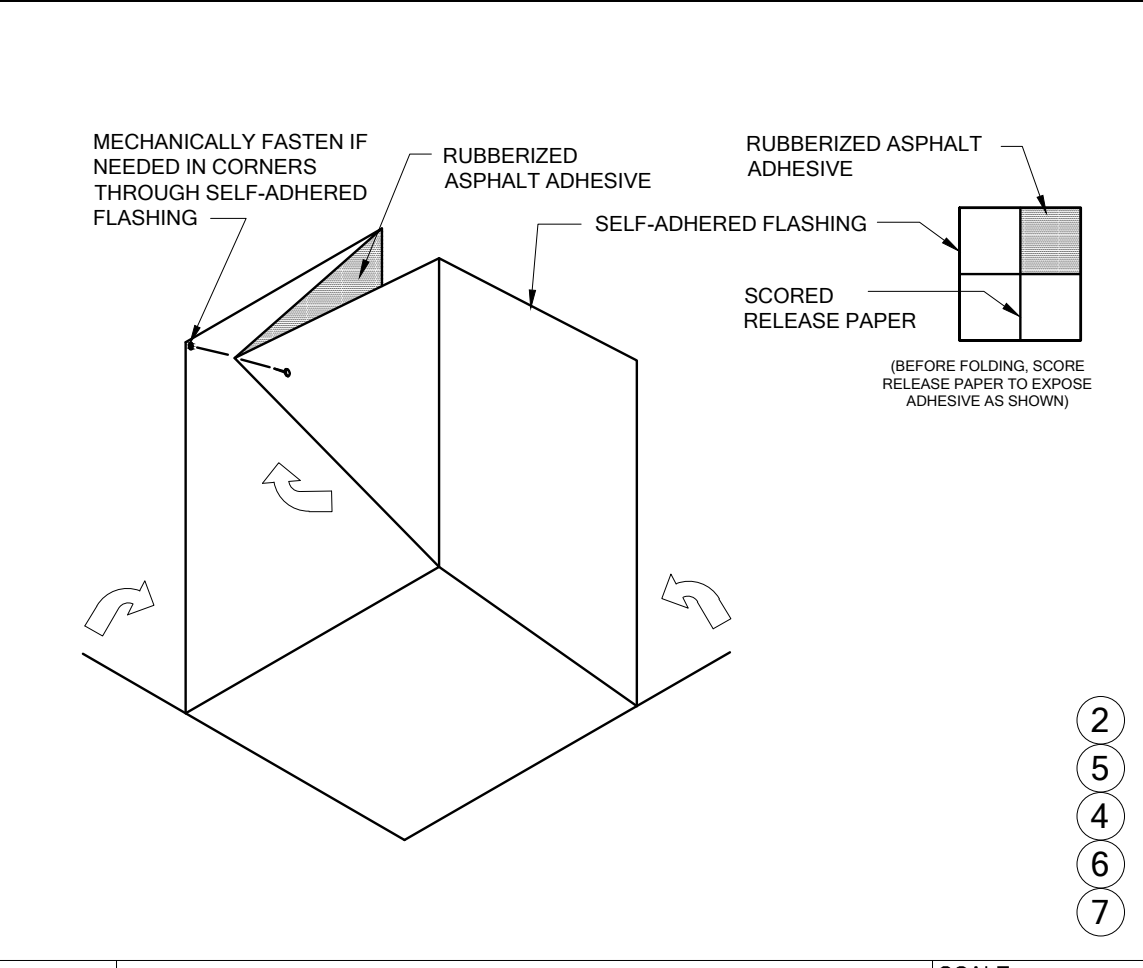
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DETAILS - WATERPROOFING

SHEET NUMBER:

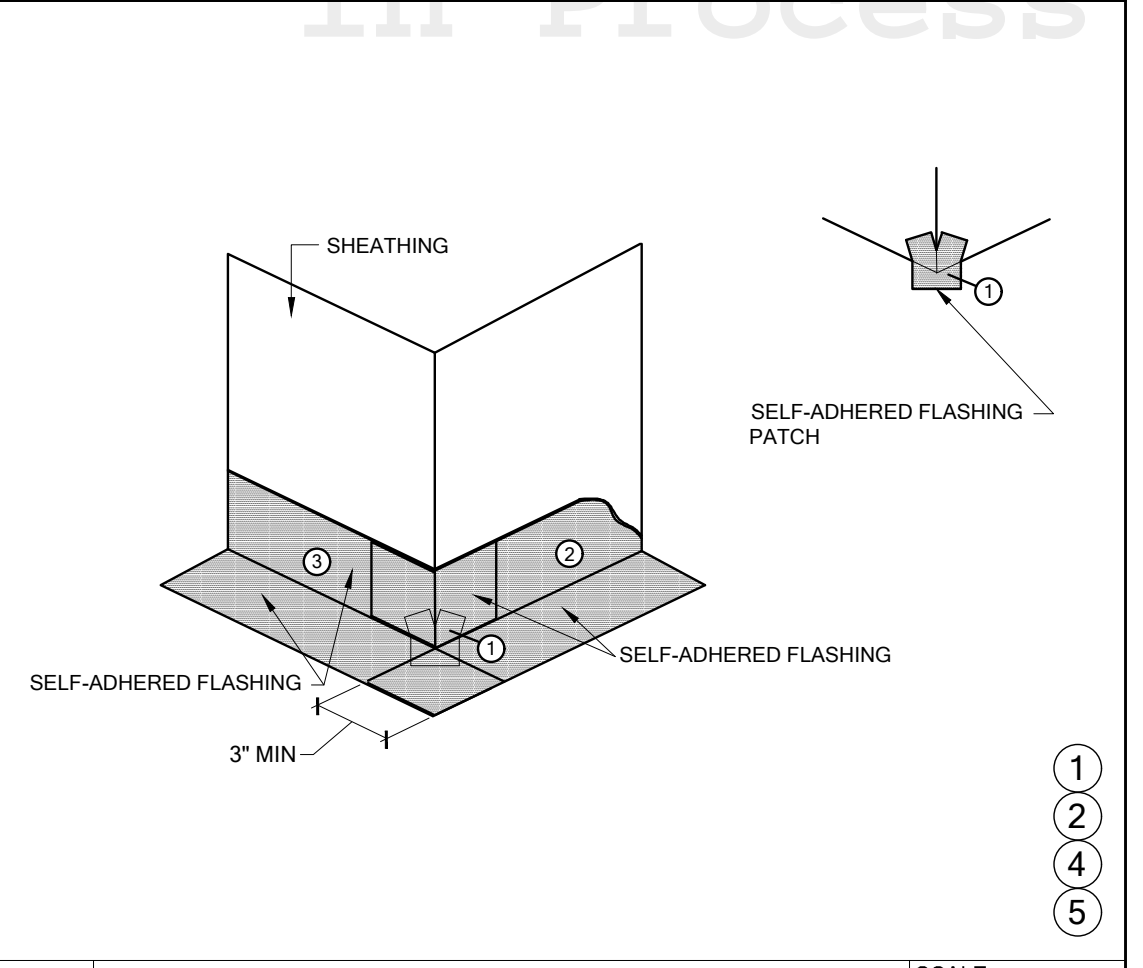
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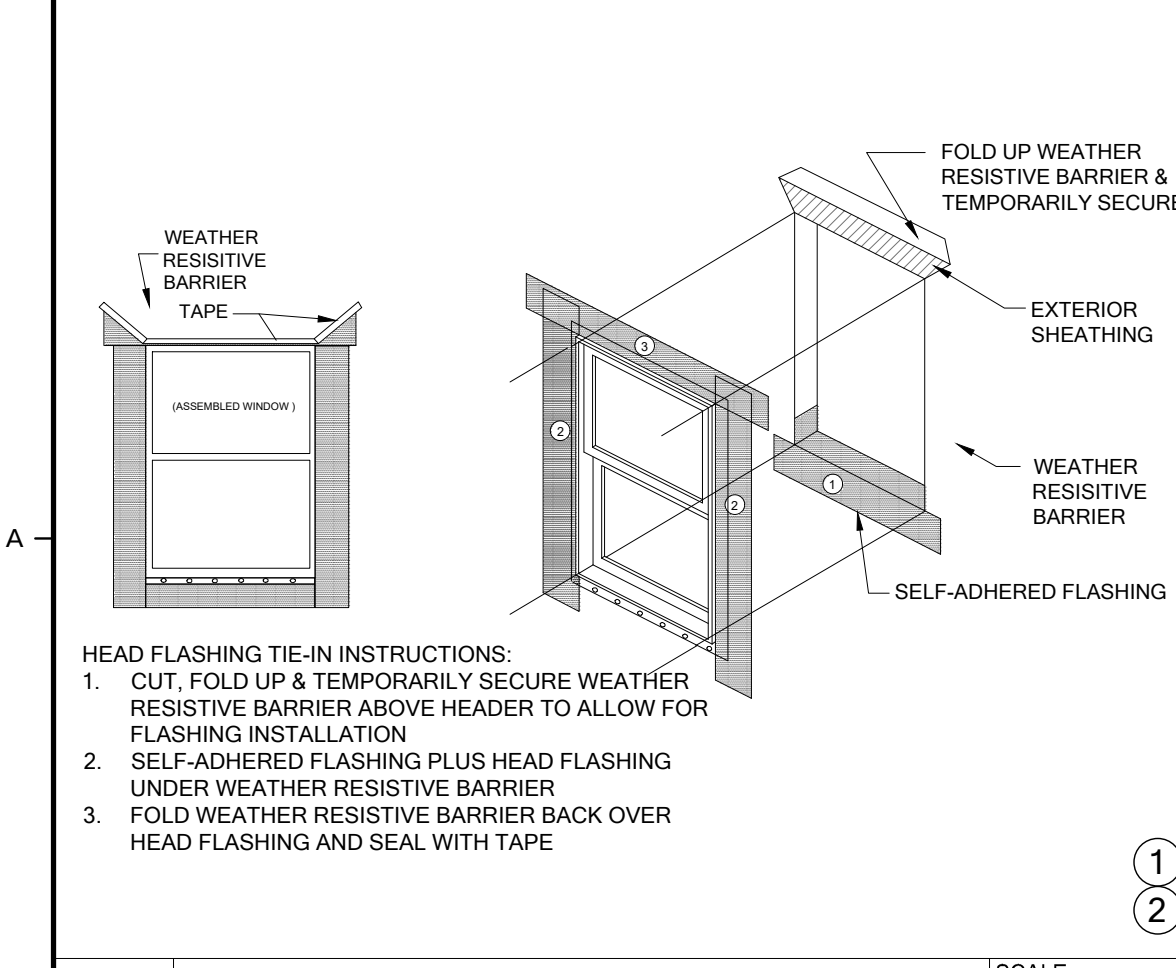
WP04 SELF-ADHERED FLASHING EXTERIOR DOOR WITH DECK - SECTION A SCALE: N.T.S. FILE:



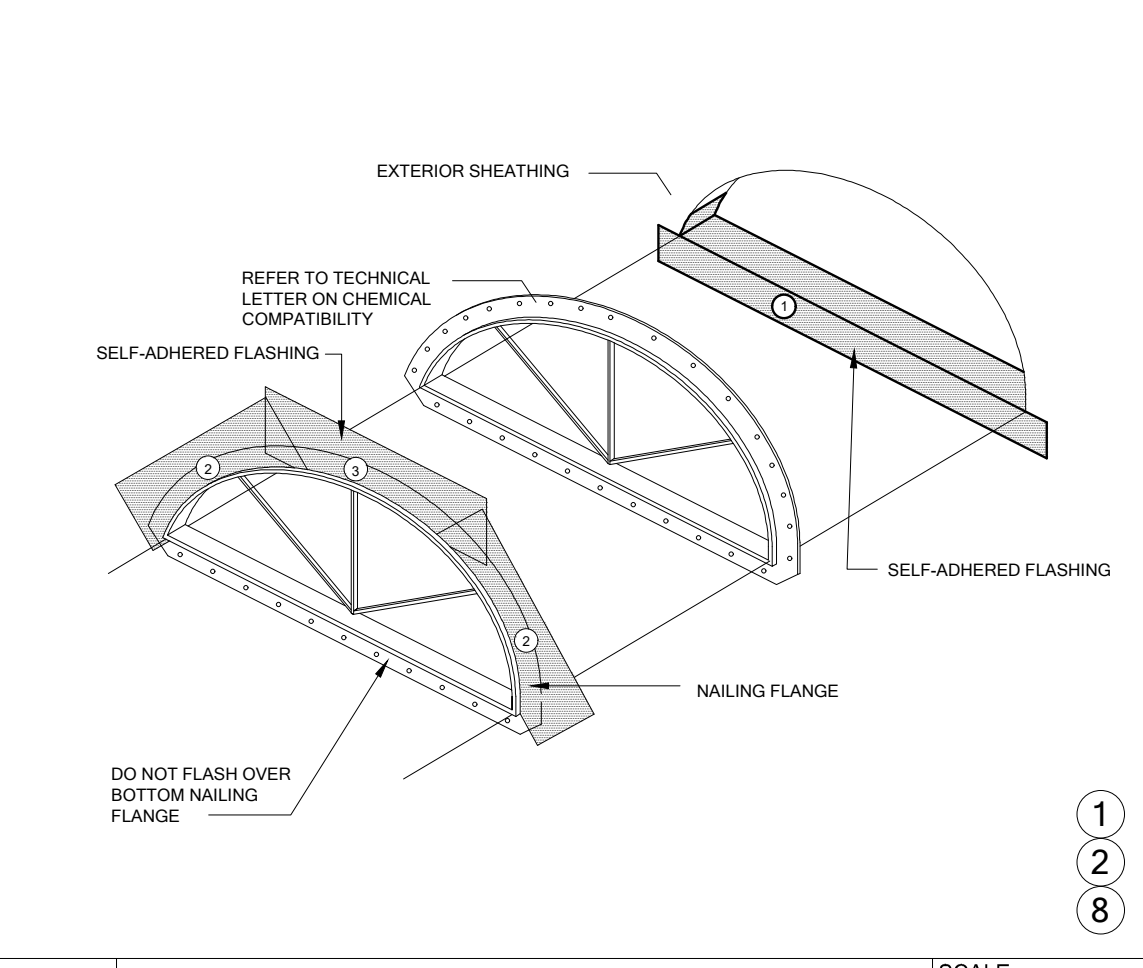
WP05 SELF-ADHERED FLASHING INSIDE CORNER SCALE: N.T.S. FILE:



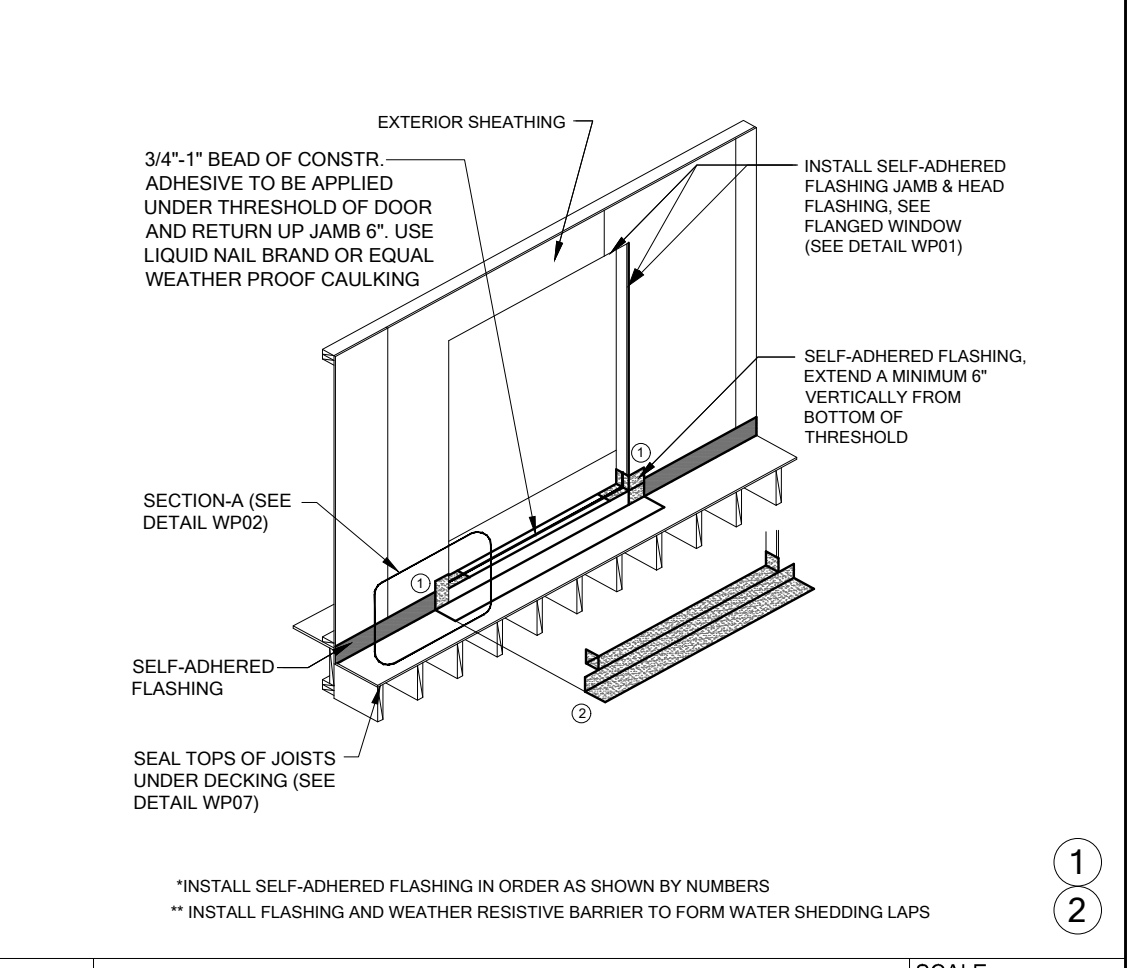
WP06 SELF-ADHERED FLASHING OUTSIDE CORNER SCALE: N.T.S. FILE:



WP01 SELF-ADHERED FLASHING FLANGED WINDOW FLASHING INSTALLATION AFTER WEATHER RESISTIVE BARRIER SCALE: N.T.S. FILE:



WP02 SELF-ADHERED FLASHING HALF ROUND WINDOW SCALE: N.T.S. FILE:



WP03 SELF-ADHERED FLASHING EXTERIOR DOOR WITH DECK SCALE: N.T.S. FILE: