

GENERAL NOTES AND SPECIFICATIONS: A1:G40

THE GENERAL CONTRACTOR SHALL FULLY COMPLY WITH THE 2020 FBC, SEVENTH EDITION AND ALL ADDITIONAL STATE AND LOCAL CODE

THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY WORK PERFORMED CONTRARY TO SUCH LAWS, ORDINANCES, OR REGULATIONS. THE CONTRACTOR SHALL ALSO PERFORM COORDINATION WITH ALL UTILITIES AND STATE SERVICE AUTHORITIES.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE GENERAL CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS) AND CONDITIONS ON THE JOB AND MUST NOTIFY BLDG DESIGNER OF ANY VARIATIONS FROM THESE DRAWINGS.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS. THE GENERAL CONTRACTOR SHALL NOTIFY BLDG DESIGNER WITH ANY PLAN CHANGES REQUIRED FOR DESIGN AND FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS.

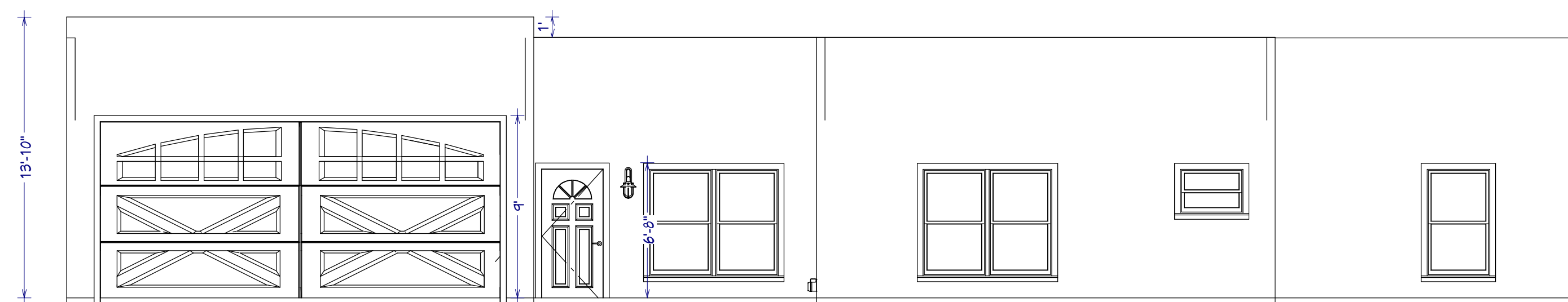
BLDG DESIGNER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, ACT OR OMISSIONS OF THE CONTRACTOR OR SUBCONTRACTOR, OR FAILURE OF ANY OF THEM TO CARRY OUT WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. ANY DEFECT DISCOVERED IN THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE BLDG DESIGNER BY WRITTEN NOTICE BEFORE PROCEEDING WITH WORK. REASONABLE TIME NOT ALLOWED THIS OFFICE TO CORRECT THE DEFECT SHALL PLACE THE BURDEN OF COST AND LIABILITY FROM SUCH DEFECT UPON THE CONTRACTOR.

INSTALL WATERPROOF GYPSUM BOARD AT ALL WATER SPLASH AREAS TO MINIMUM 70" ABOVE SHOWER DRAINS.

EXHAUST ALL VENTS AND FANS DIRECTLY TO OUTSIDE VIA MENTAL DUCTS, PROVIDE 90 CFM (MIN) FANS TO PROVIDE 5 AIR CHANGES PER HOUR IN BATHS CONTAINING TUB AND/ OR SHOWER AND IN LAUNDRY ROOMS.

ALL RECESSED LIGHTS IN INSULATED CEILINGS TO HAVE THE I.C. LABEL.

BERGAMO PLAN BUILDING



Designer:
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Structural Engineer:
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Contractor:
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Project:
MORDECHAI GALBHAUER
SINGLE FAMILY HOME
MASTER PLAN

Total Living Area =

Garage =
506 SQ. FT.

Front Porch =
97 SQ. FT.

TOTAL S.F. =
2,590 SQ. FT.

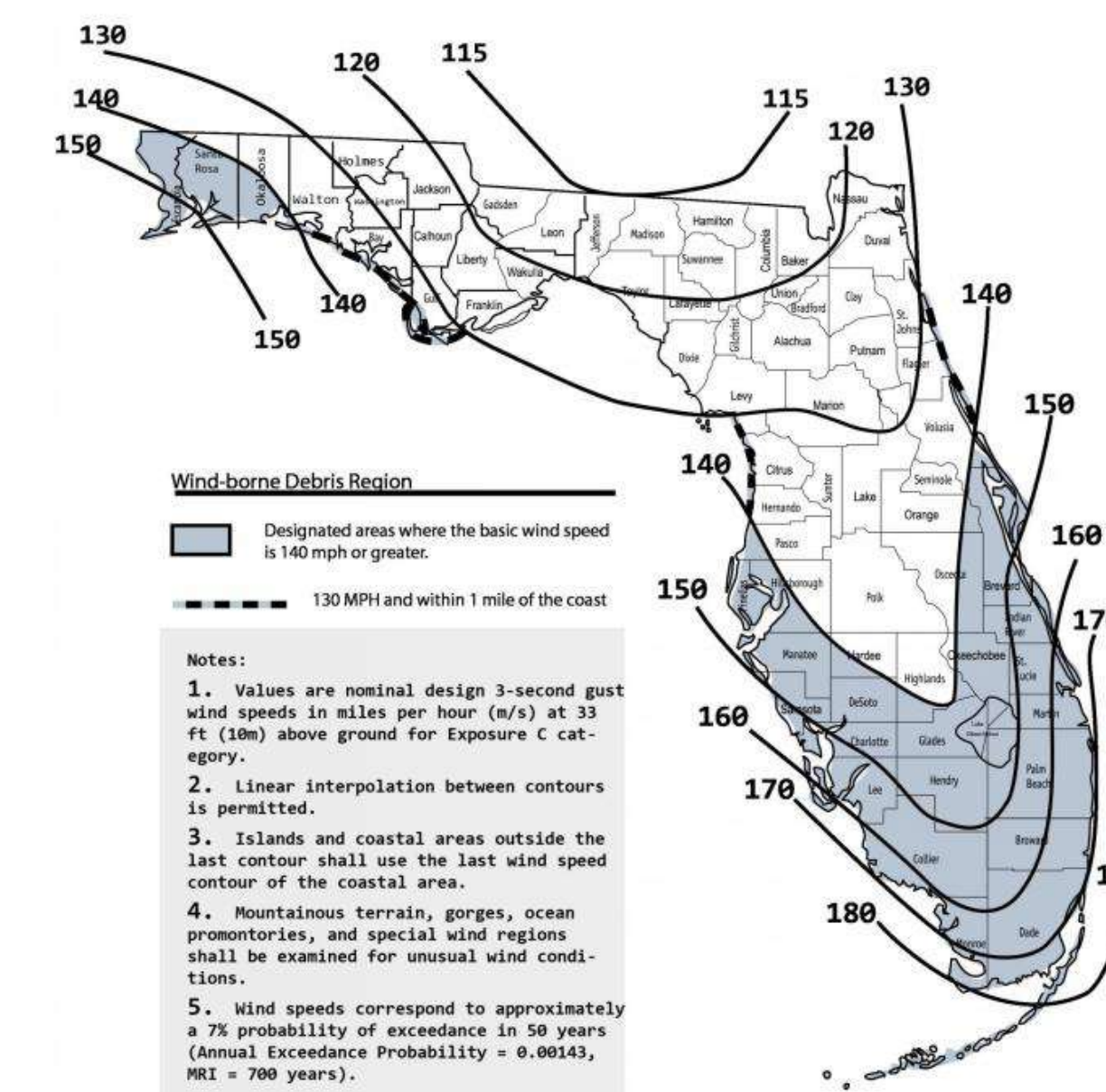


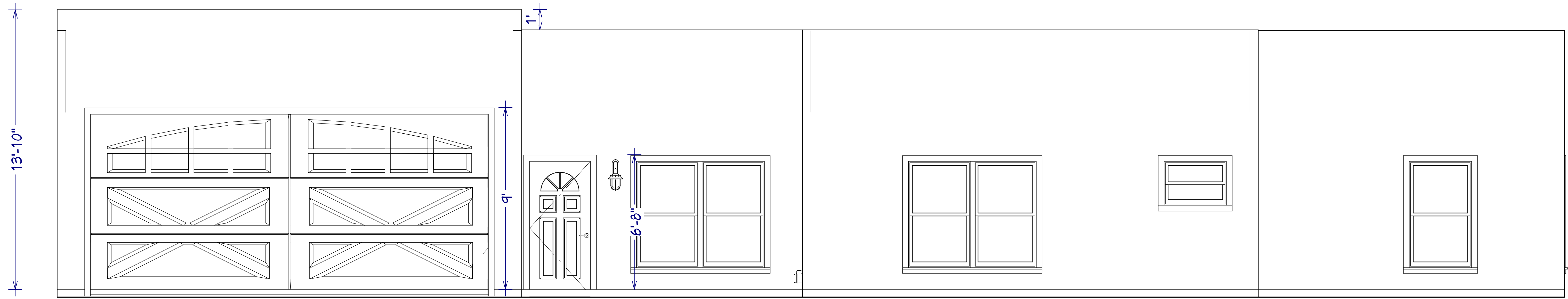
Figure 1609A Wind-Borne Debris Region, Category II and III Buildings and Structures except health care facilities

THESE DRAWINGS ARE THE PROPRIETARY WORK PRODUCT AND PROPERTY OF MORDECHAI GELBHAUER. DEVELOPED FOR THE EXCLUSIVE USE OF MORDECHAI GELBHAUER. USE OF THESE DRAWINGS AND CONCEPTS CONTAINED THEREIN WITHOUT THE WRITTEN PERMISSION OF MORDECHAI GELBHAUER IS PROHIBITED AND MAY SUBJECT YOU TO A CLAIM FOR DAMAGES.

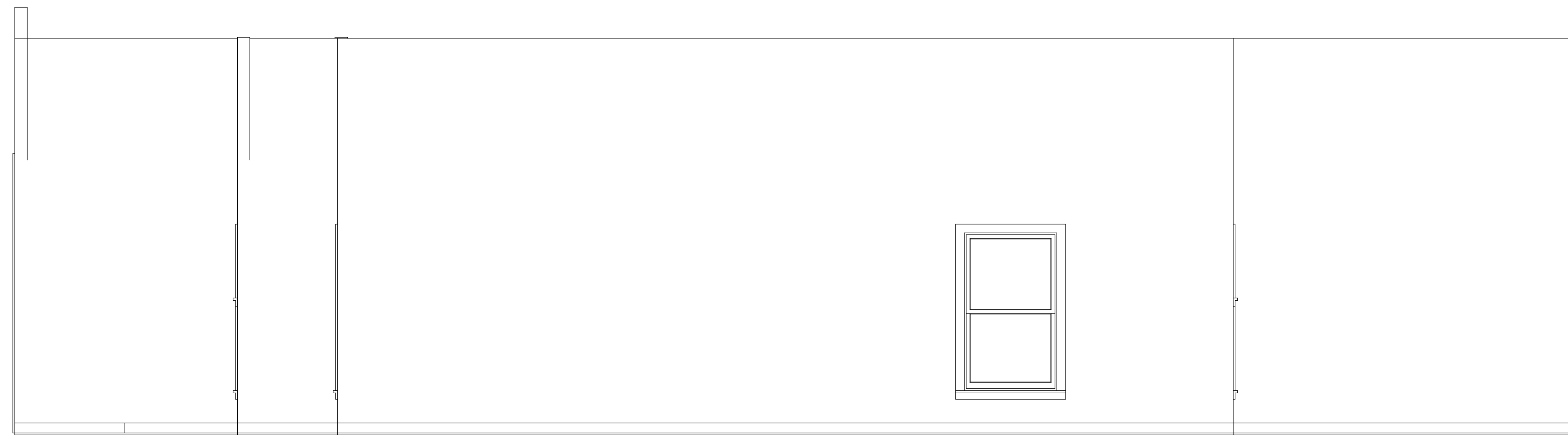
- COVER PAGE**
- ELEVATION FRONT / RIGHT
 - ELEVATION REAR / LEFT
 - NOTES
 - FOUNDATION
 - FRAMING
 - ELECTRICAL
 - PLUMBING
 - FLOOR PLAN
 - DETAILS

TO THE BEST OF MY KNOWLEDGE THESE PLANS ARE DRAWN TO COMPLY WITH OWNER'S AND / OR BUILDER'S SPECIFICATIONS AND ANY CHANGES MADE ON THEM AFTER PRINTS ARE MADE WILL BE DONE AT THE OWNER'S AND / OR BUILDER'S EXPENSE AND RESPONSIBILITY. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ENCLOSED DRAWING. BAYHEAD CONSULTING INC. IS NOT LIABLE FOR ERRORS ONCE CONSTRUCTION HAS BEGUN. WHILE EVERY EFFORT HAS BEEN MADE IN THE PREPARATION OF THIS PLAN TO AVOID MISTAKES, THE MAKER CAN NOT GUARANTEE AGAINST HUMAN ERROR. THE CONTRACTOR OF THE JOB MUST CHECK ALL DIMENSIONS AND OTHER DETAILS PRIOR TO CONSTRUCTION AND BE SOLELY RESPONSIBLE THERE AFTER.

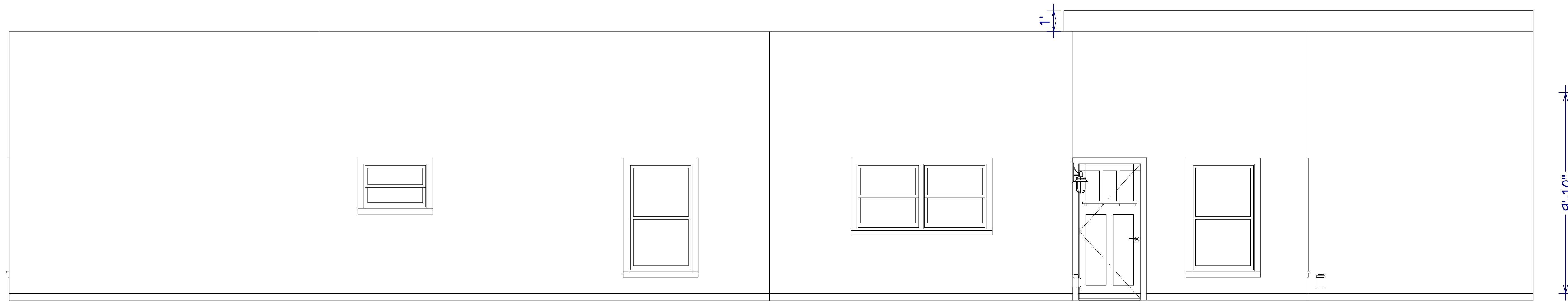
DESIGN PARAMETERS:		
THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 7TH EDITION (2020) RESIDENTIAL, THE FLORIDA BUILDING CODE 7TH EDITION EDITION AMENDMENTS AND ASCE 7.	BASIC WIND SPEED: (TABLE 1609.3.1) <input type="checkbox"/> V ULTIMATE = 150 MPH, V BASIC = 116 MPH <input checked="" type="checkbox"/> V ULTIMATEC = 138 MPH, V BASIC = 106 MPH <input type="checkbox"/> V ULTIMATE = 130 MPH, V BASIC = 101 MPH	EXPOSURE CATEGORY: <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D
THE BUILDING (INCLUDING ALL COMPONENTS AND CLADDINGS) SHALL BE DESIGNED FOR THE FOLLOWING SUPERIMPOSED LOADS.	RISK CATEGORY: <input type="checkbox"/> CATEGORY I <input type="checkbox"/> CATEGORY III <input checked="" type="checkbox"/> CATEGORY VII <input type="checkbox"/> CATEGORY IV	WINDBORNE DEBRIS REGION: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IMPACT RESISTANT GLAZING
FLOORS: LIVE LOAD - 40 PSF DEAD LOAD - 15 PSF	BUILDING OCCUPANCY CLASSIFICATION: <input type="checkbox"/> GROUP A - ASSEMBLY <input type="checkbox"/> GROUP H - HAZARDOUS <input type="checkbox"/> GROUP B - BUSINESS <input type="checkbox"/> GROUP I - INSTITUTIONAL <input type="checkbox"/> GROUP D - DAY CARE CENTER <input type="checkbox"/> GROUP M - MERCANTILE <input type="checkbox"/> GROUP E - EDUCATION <input checked="" type="checkbox"/> GROUP R - RESIDENTIAL <input type="checkbox"/> GROUP F - FACTORY <input type="checkbox"/> GROUP S - STORAGE <input type="checkbox"/> GROUP U - UTILITY	INTERNAL PRESSURE COEFFICIENTS: <input type="checkbox"/> 0.00 (OPEN) <input checked="" type="checkbox"/> +0.18, -0.18 (ENCLOSED)
GARAGE SLAB: LIVE LOAD - 50 PSF DEAD LOAD - 10 PSF	BUILDING CONSTRUCTION TYPE: <input type="checkbox"/> TYPE I <input type="checkbox"/> TYPE IV <input type="checkbox"/> TYPE II <input checked="" type="checkbox"/> TYPE V <input type="checkbox"/> TYPE III	MEAN ROOF HEIGHT <input checked="" type="checkbox"/> 30'-0" OR LESS <input type="checkbox"/> GREATER THAN 30'-0"
ROOF: LIVE LOAD (TRUSS TOP CHORD) - 20 PSF DEAD LOAD (TRUSS TOP CHORD) - 10 PSF LIVE LOAD (TRUSS BOTTOM CHORD) - 10 PSF NO STORAGE - PER FBC 7TH EDITION LIVE LOAD (TRUSS BOTTOM CHORD) - 20PSF MIN. STORAGE PER FBC 7TH EDITION		ALL DOORS AND WINDOWS SHALL BE DESIGNED AND INSTALLED TO RESIST +/- 50 PSF UNLESS NOTED OTHERWISE ON PLAN.



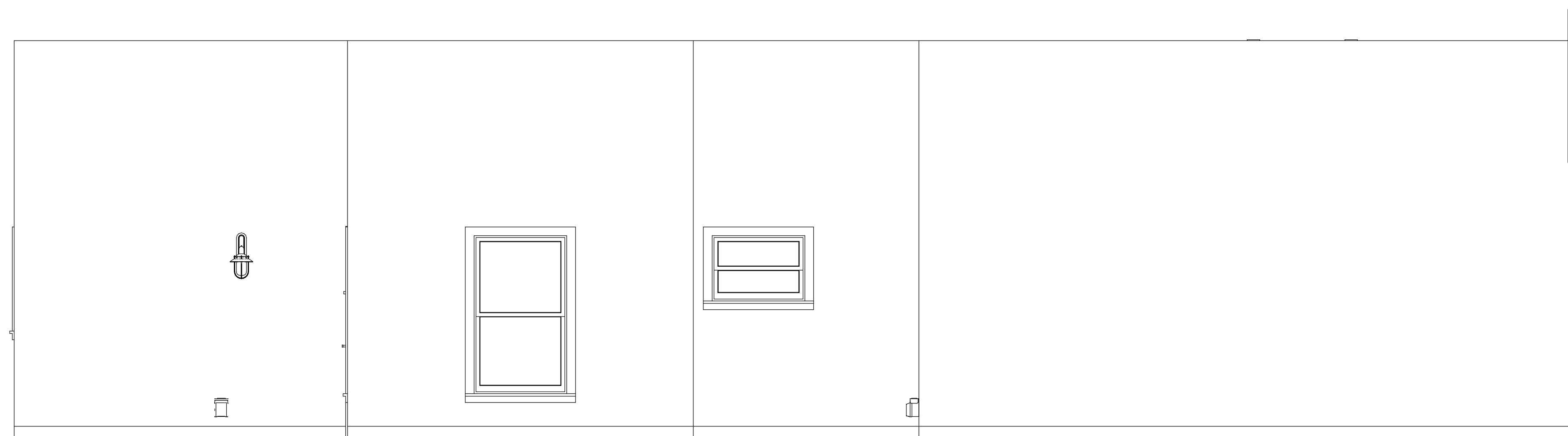
Front Elevation



Right Elevation



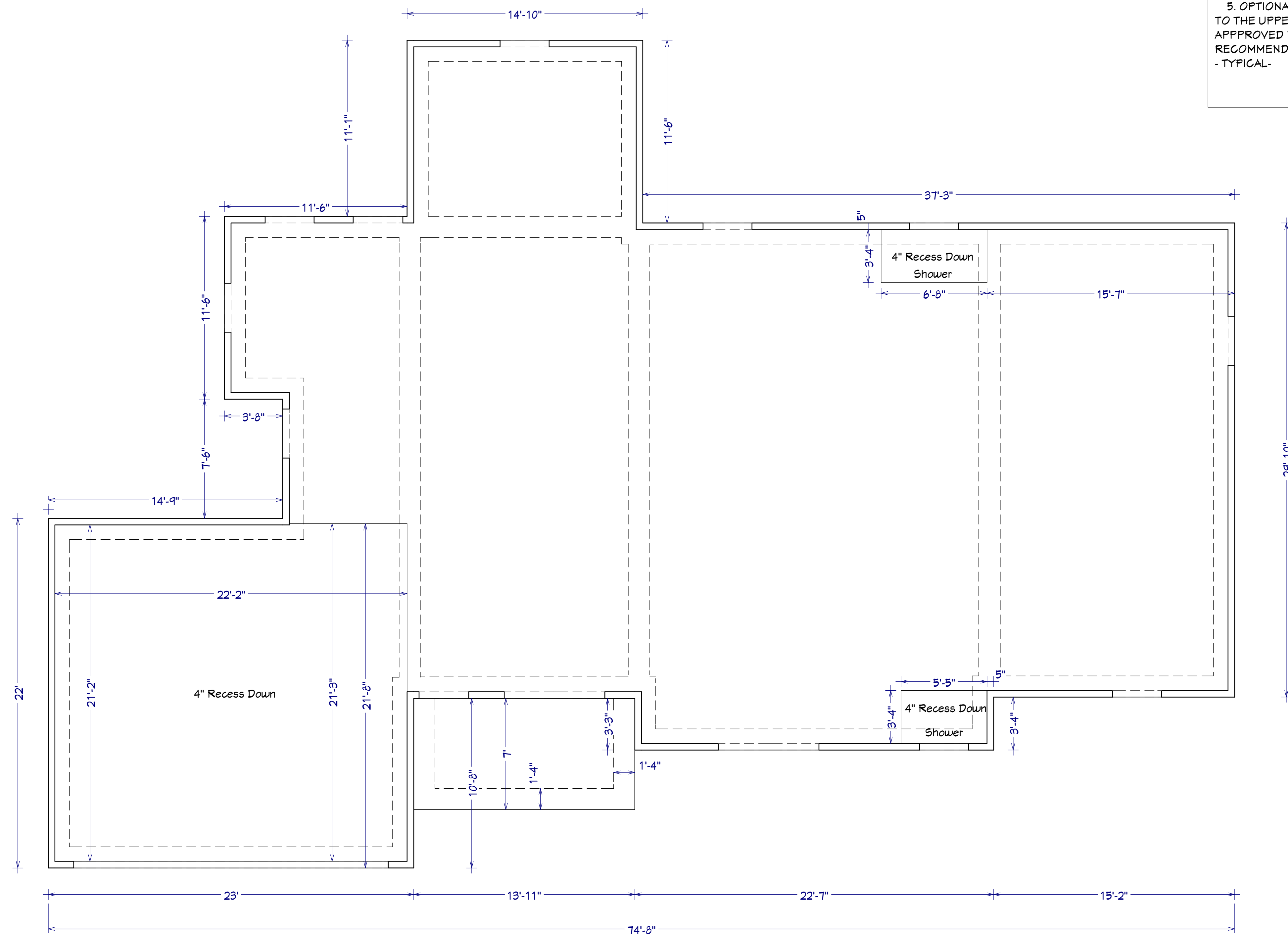
Rear Elevation



Left Elevation

FOUNDATION PLAN

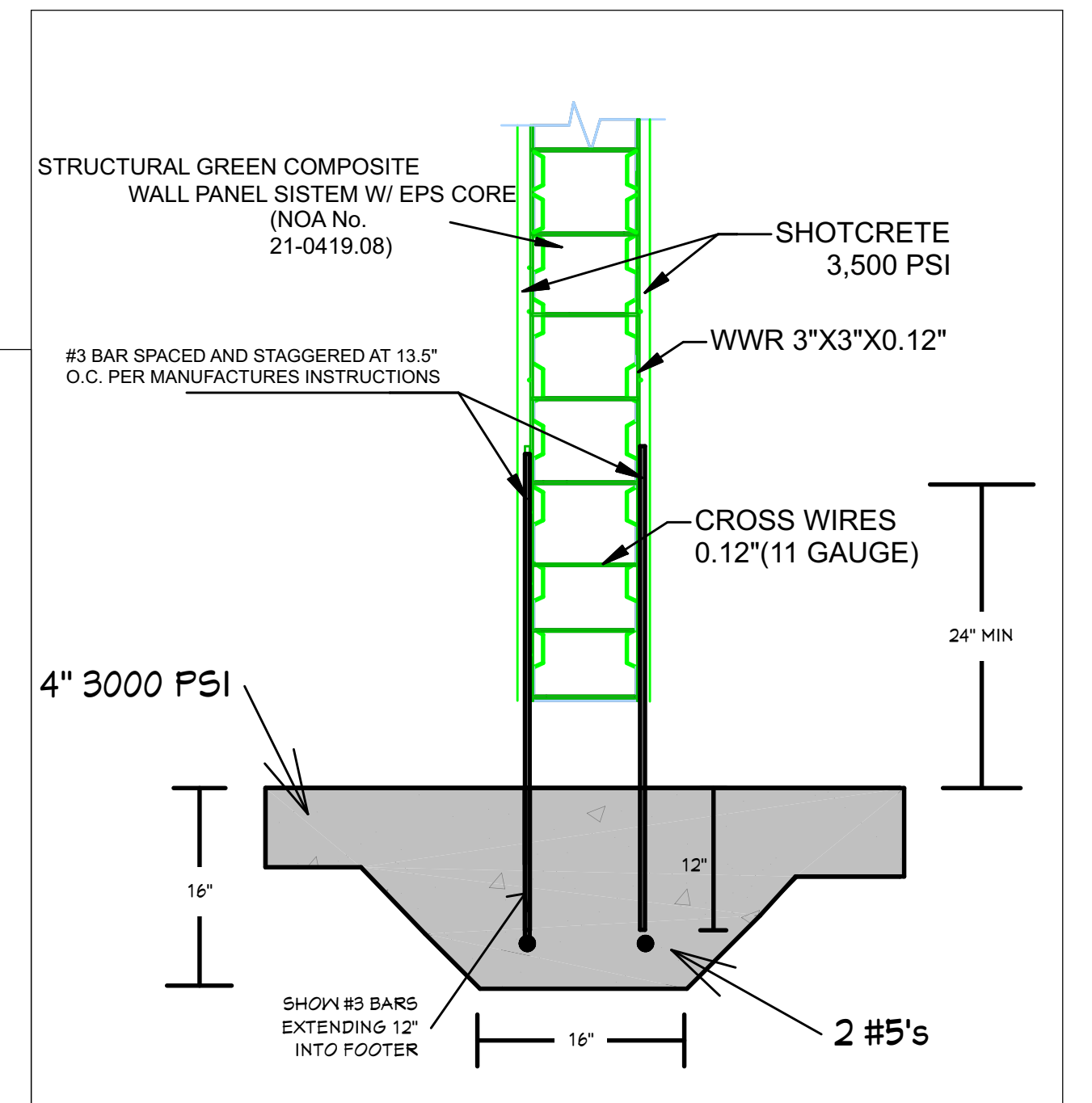
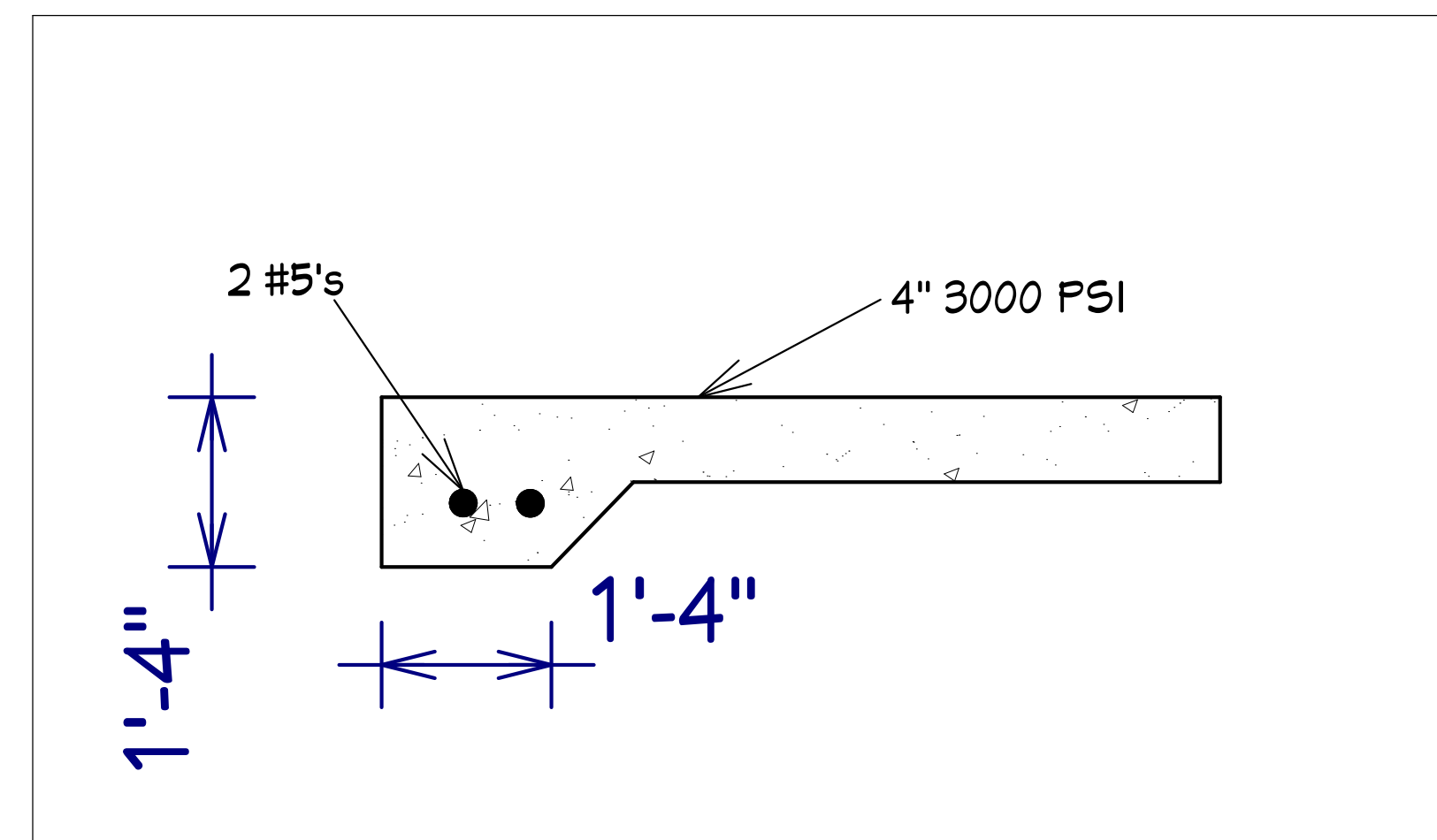
1/4"=1'



MONOLITHIC FLOOR SLAB:

- FOUNDATION WALL SHALL BE FILLED WITH CLEAN FILL DIRT.
- FILL DIRT SHALL BE MECHANICALLY COMPACTED TO 2,000 LBS PER SQ. FOOT MINIMUM. 95% MODIFIED PROCTOR. THEN GRADED TO ALLOW A CONCRETE THICKNESS OF 4". (MINIMUM TO BE 3 1/2")
- GRADED FILL DIRT SHALL THEN BE TERMITE TREATED AND A VAPOR BARRIER OF 6 MIL. VISQUEEN LAID IN PLACE WITH JOINTS LAPPED NOT LESS THAN 6 INCHES.
- FLOOR CONCRETE MIXTURE SHALL BE 3,000 PSI AND SHALL BE REINFORCED WITH FIBER-MESH. FIBERS SHALL COMPLY WITH ASTM C 1116 AND DOSAGE AMOUNTS ARE TO BE PER THE FIBER MANUFACTURERS RECOMMENDATIONS.
- OPTIONAL REINFORCEMENT OF 6" X 6" W1.4 X W1.4 WELDED WIRE REINFORCEMENT FABRIC LOCATED IN THE MIDDLE TO THE UPPER ONE THIRD OF THE SLAB. WELDED WIRE REINFORCEMENT FABRIC SHALL BE SUPPORTED WITH APPROVED MATERIALS AT SPACING NOT TO EXCEED 3 FEET OR IN ACCORDANCE WITH MANUFACTURES RECOMMENDATIONS.

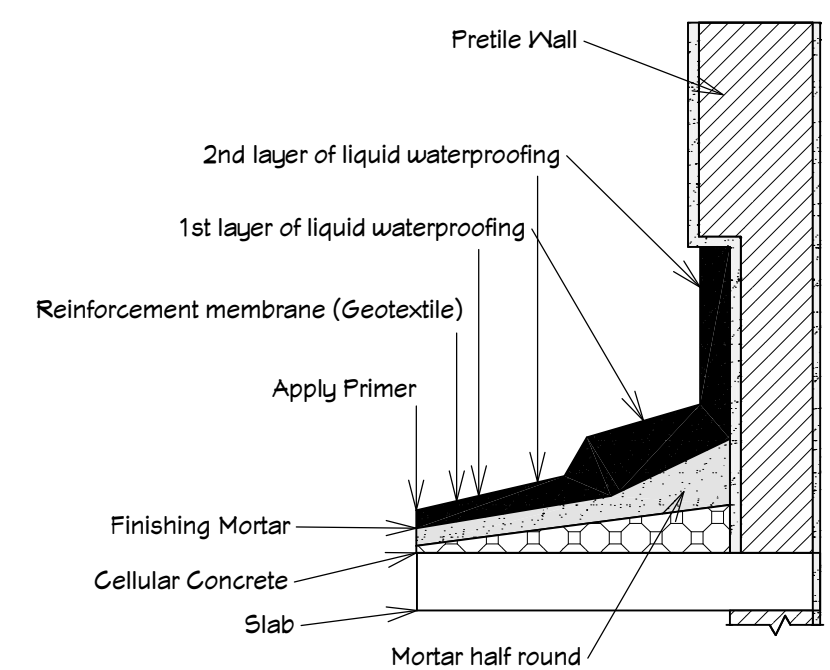
- TYPICAL -



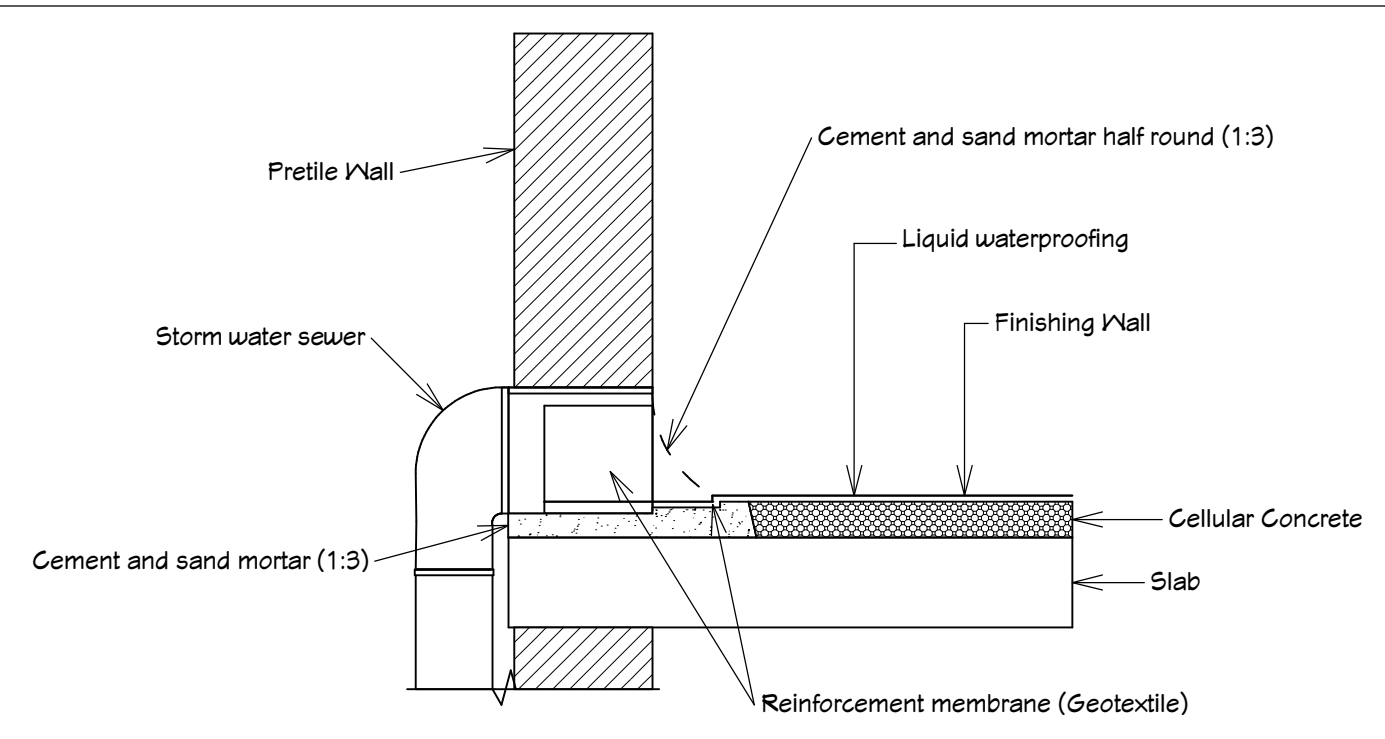
ROOF PLAN

1/4" = 1'

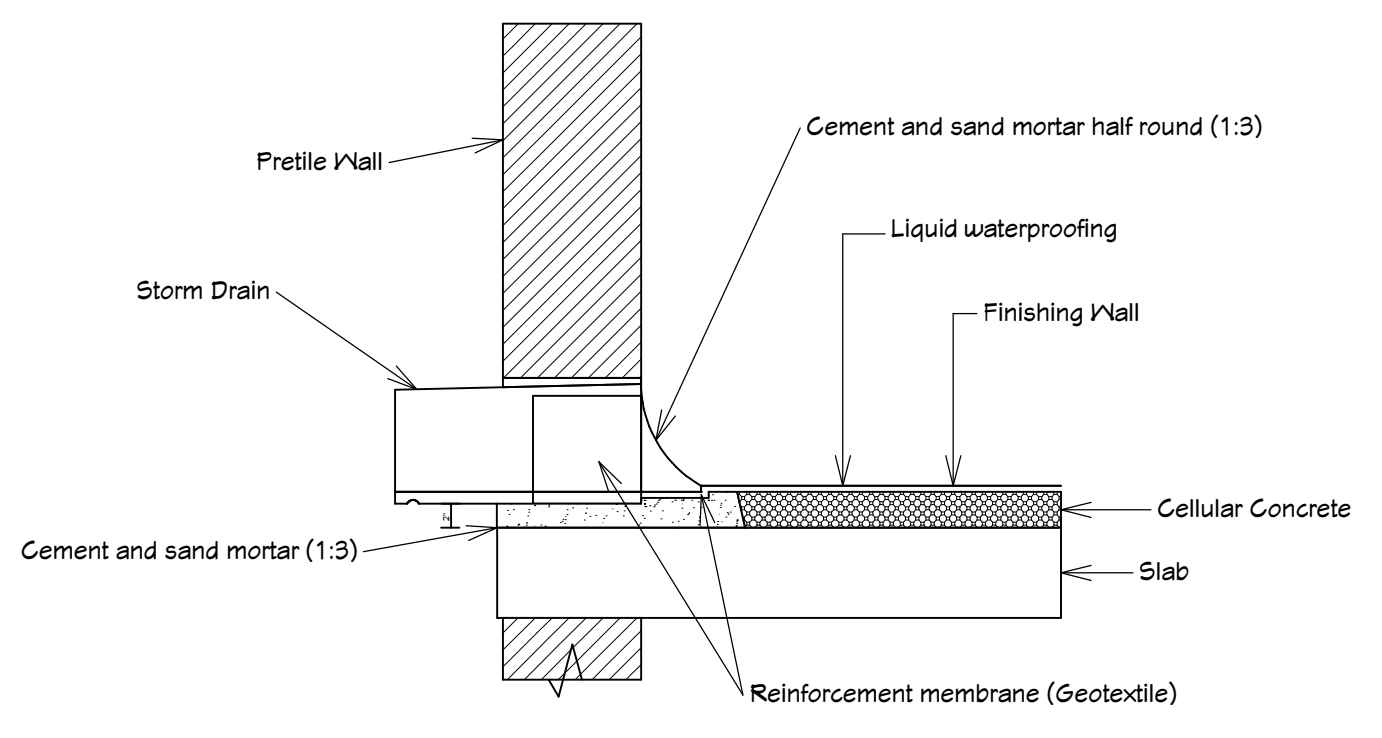
THE ROOF SYSTEM IS NOT DESIGNED TO SUPPORT FONDING LOADS. THE PRIMARY MEANS OF ROOF DRAINAGE IS TO BE SCUPPERS, LEVEL WITH THE ROOF MATERIAL. AS SHOWN HEREIN. SCUPPERS SHALL BE SIZED AND INSTALLED PER THE 2020 FBC- RESIDENTIAL AND 2020 FBC- PLUMBING. ROOF DRAINAGE CALCULATIONS SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR AND SECONDARY MEANS OF ROOF DRAINAGE SHALL BE PROVIDED IS REQUIRED. SIVER ENGINEERING SERVICES AND RICHARD A. SIVER PE ARE NOT RESPONSIBLE FOR DAMAGE CAUSED BY ROOF FONDING.



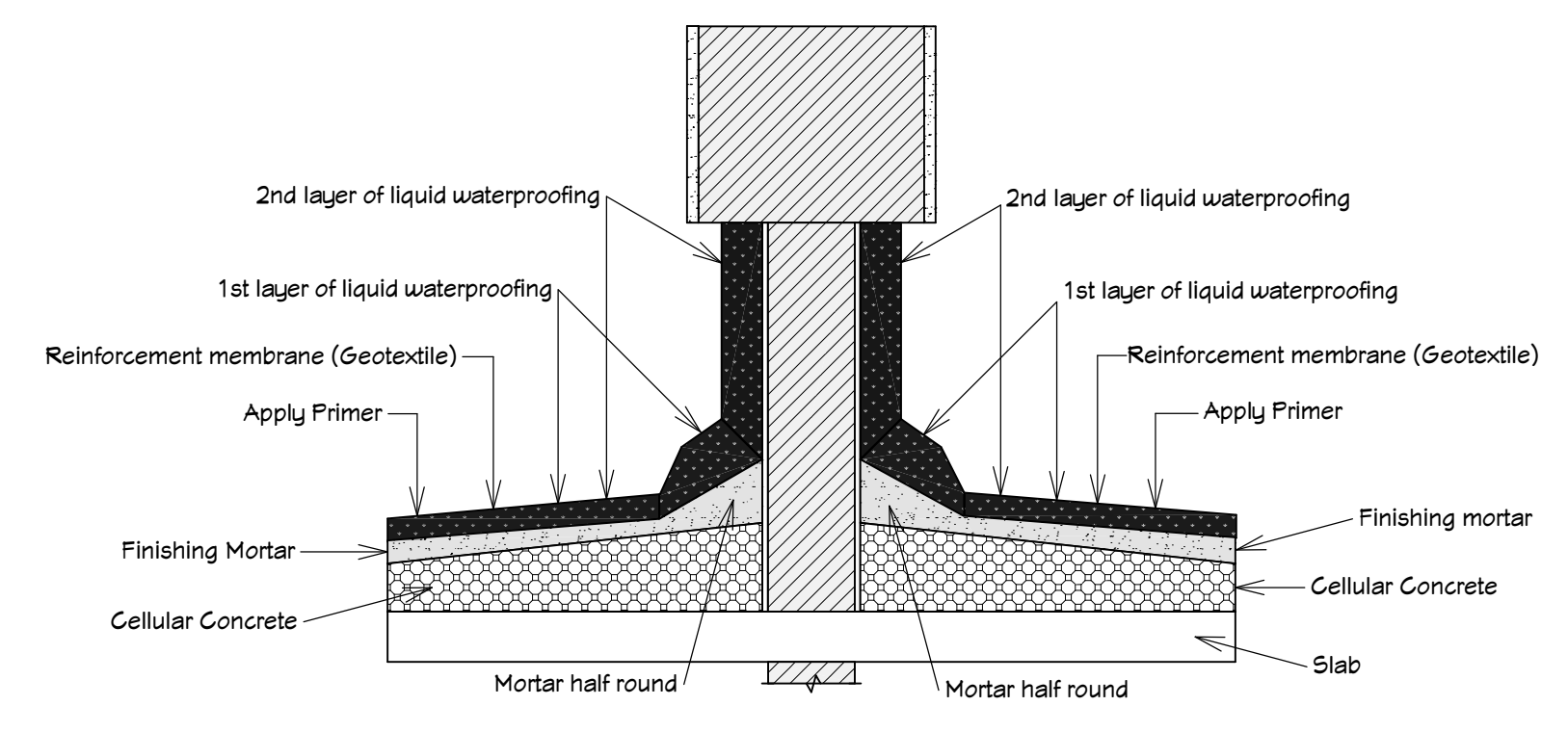
DETAIL 1
3/4" = 1'-0"



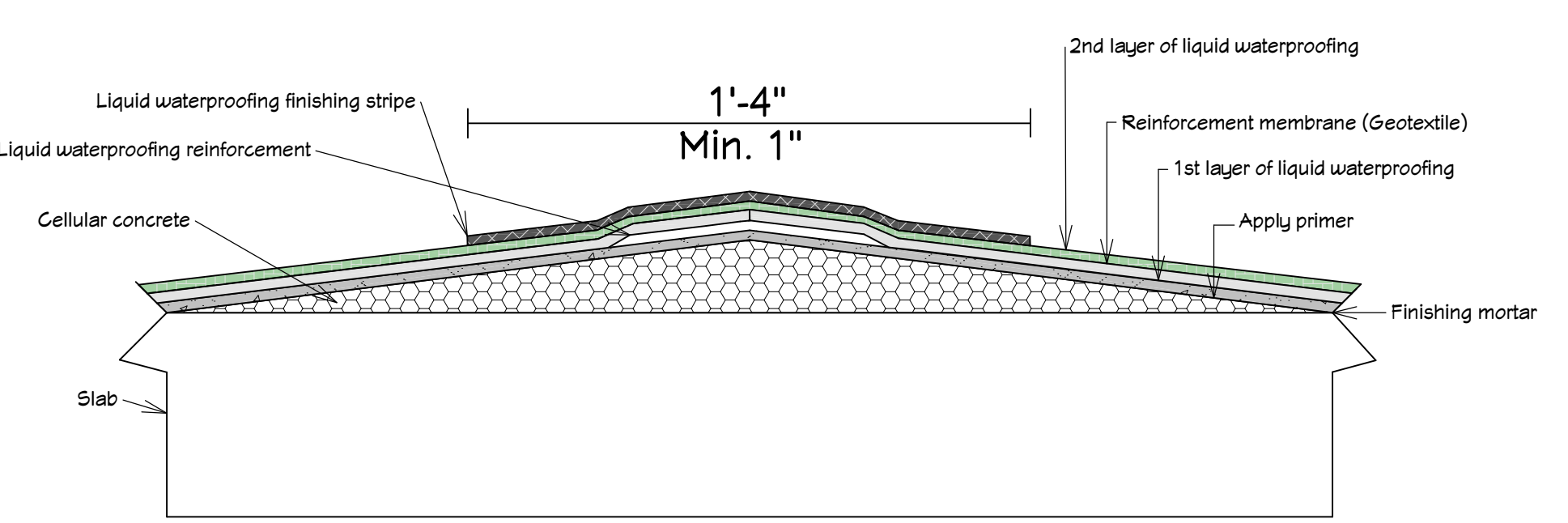
DETAIL 2
3/4" = 1'-0"



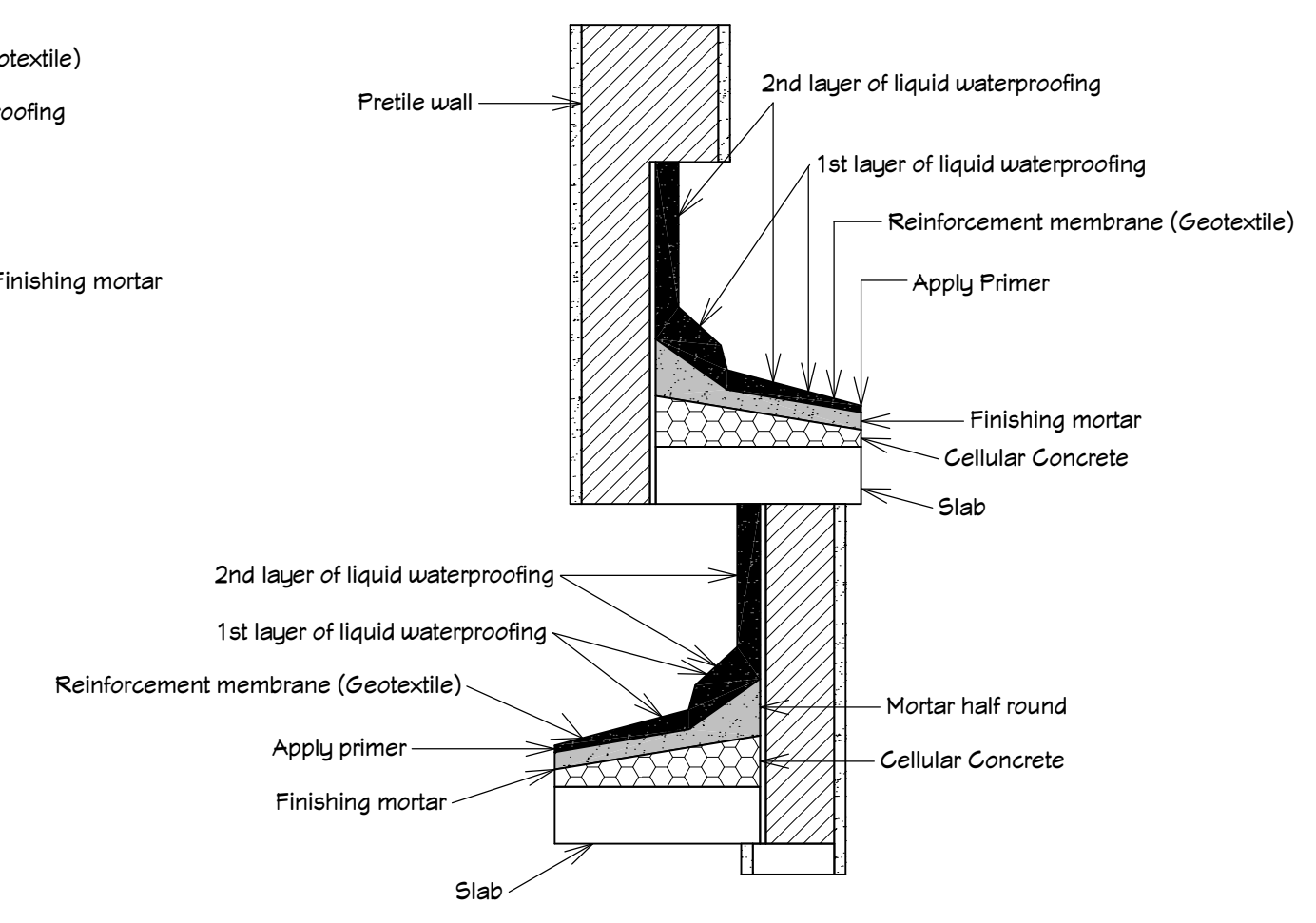
DETAIL 3
SECONDARY EMERGENCY DRAIN
3/4" = 1'-0"



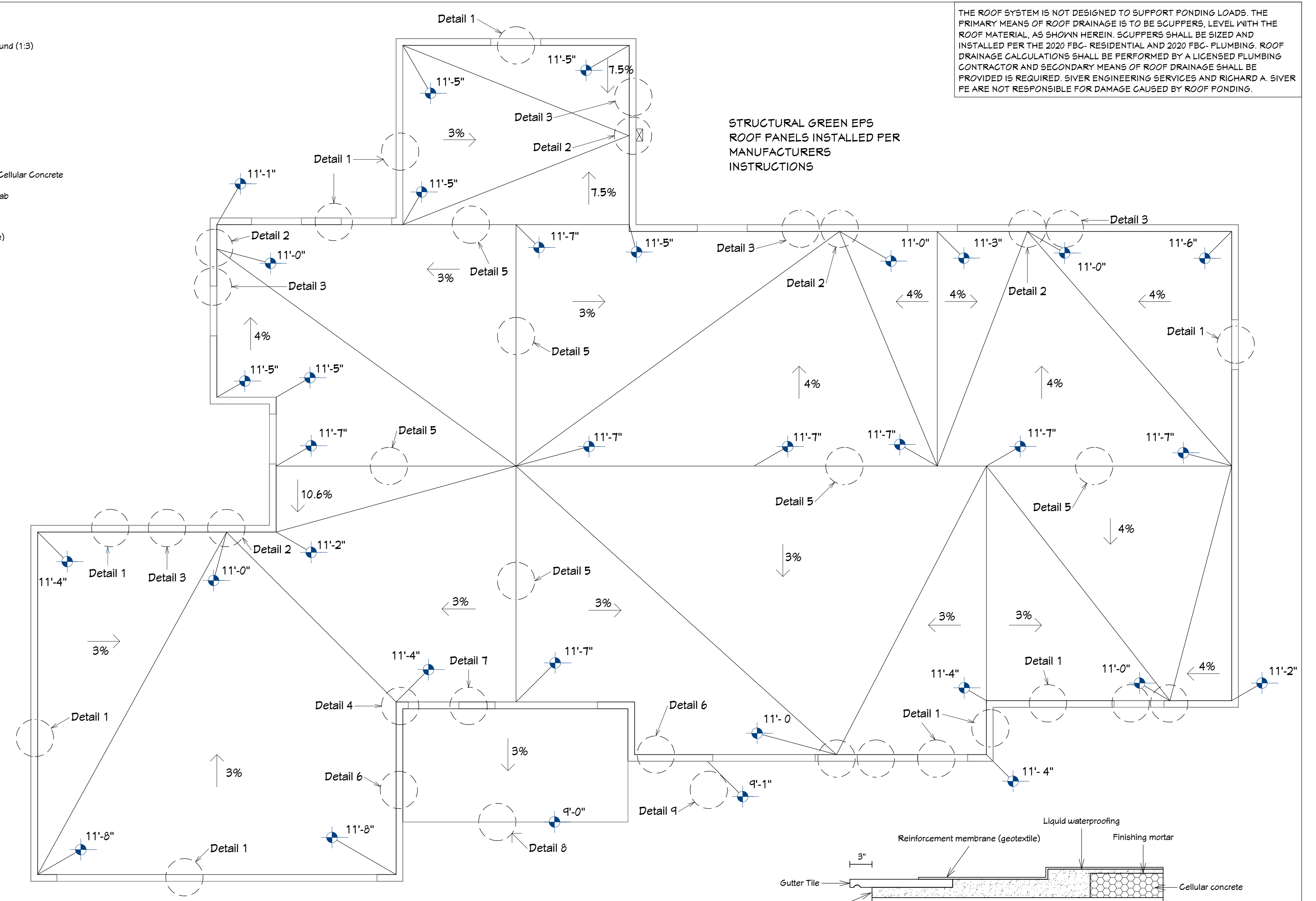
Detail 4
3/4" = 1'-0"



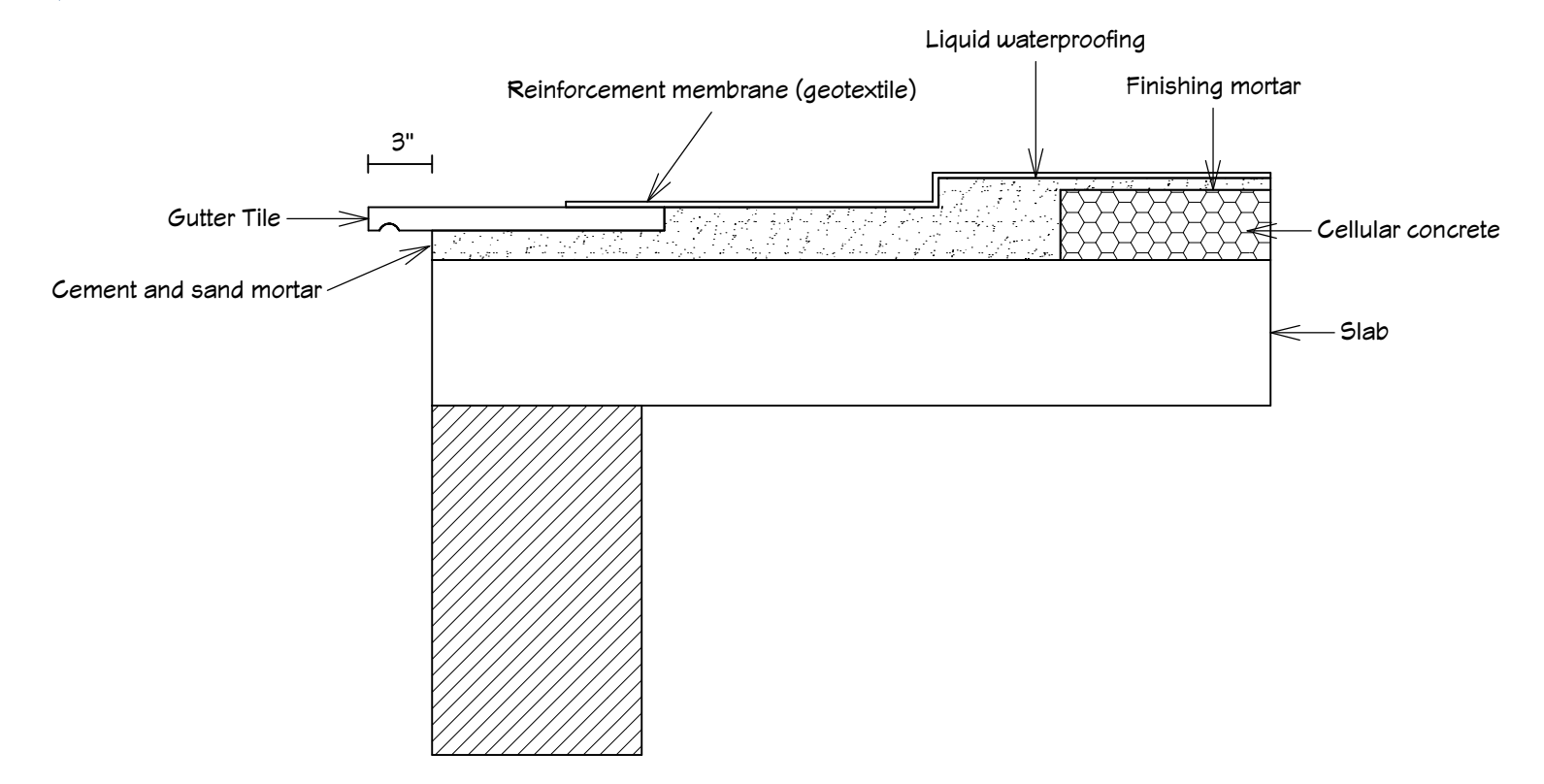
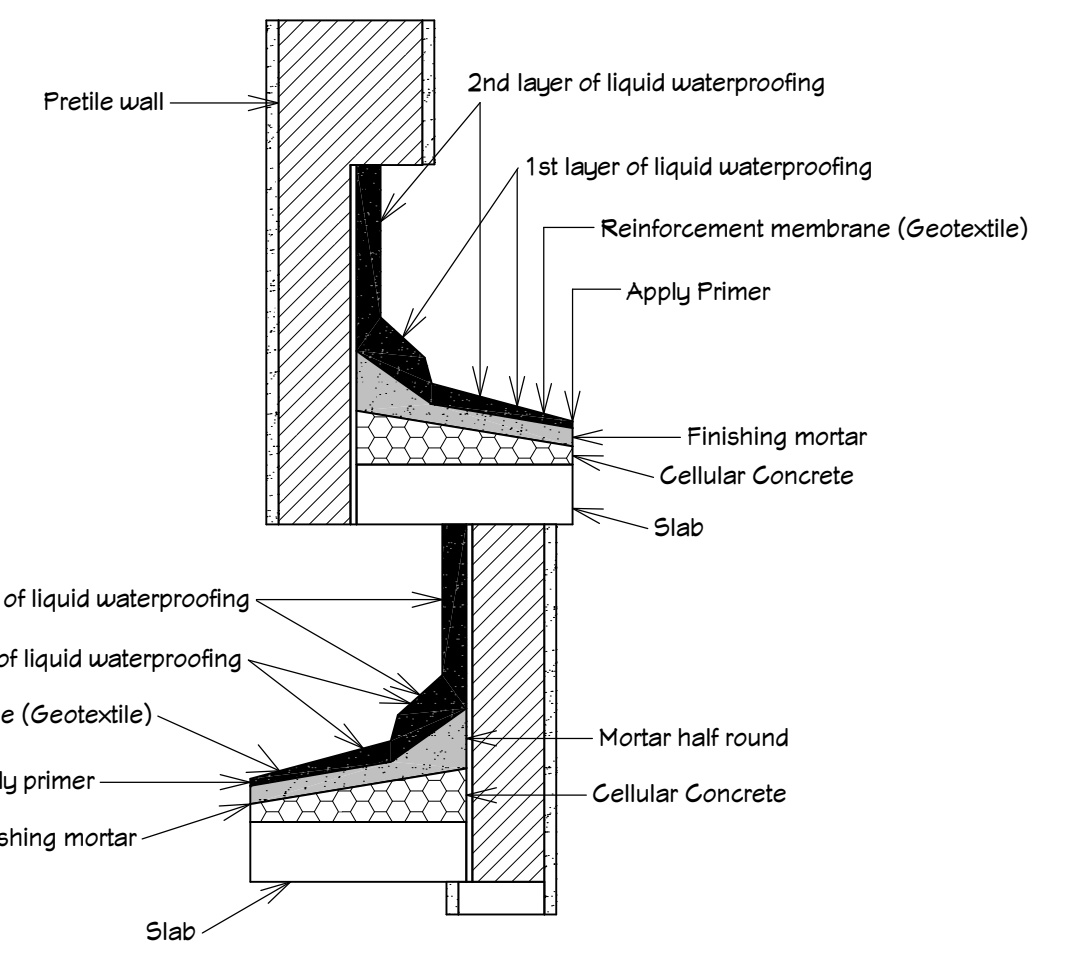
DETAIL 5
1 1/2" = 1'-0"



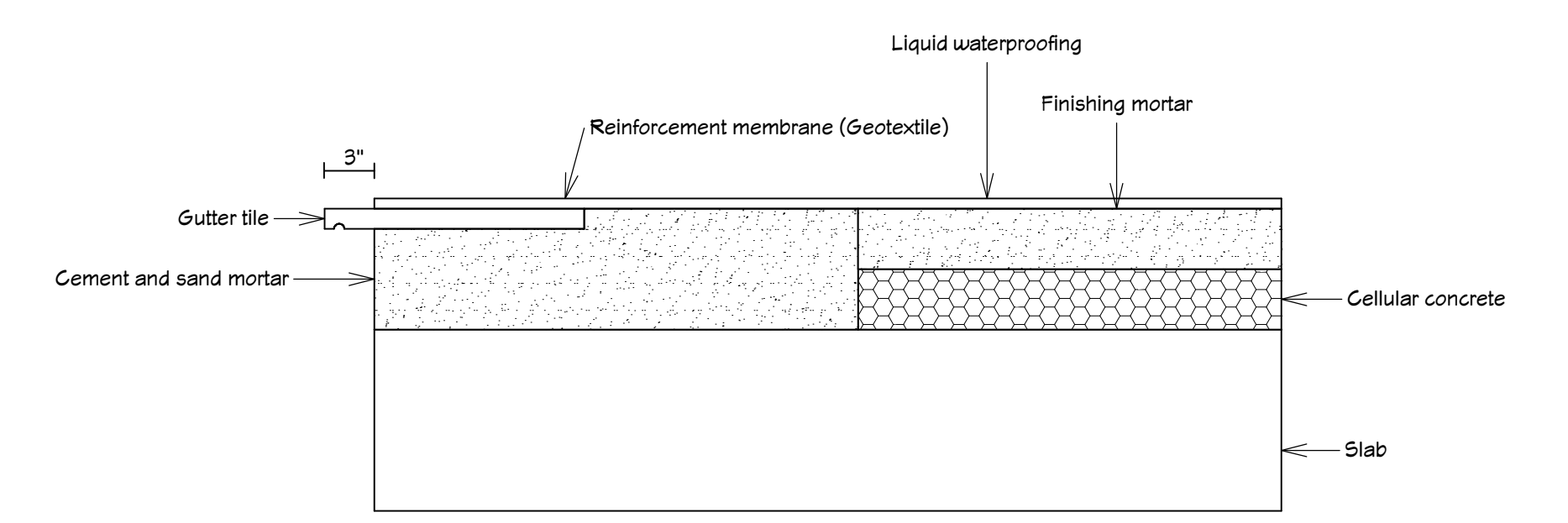
DETAIL 6
3/4" = 1'-0"



STRUCTURAL GREEN EPS ROOF PANELS INSTALLED PER MANUFACTURERS INSTRUCTIONS



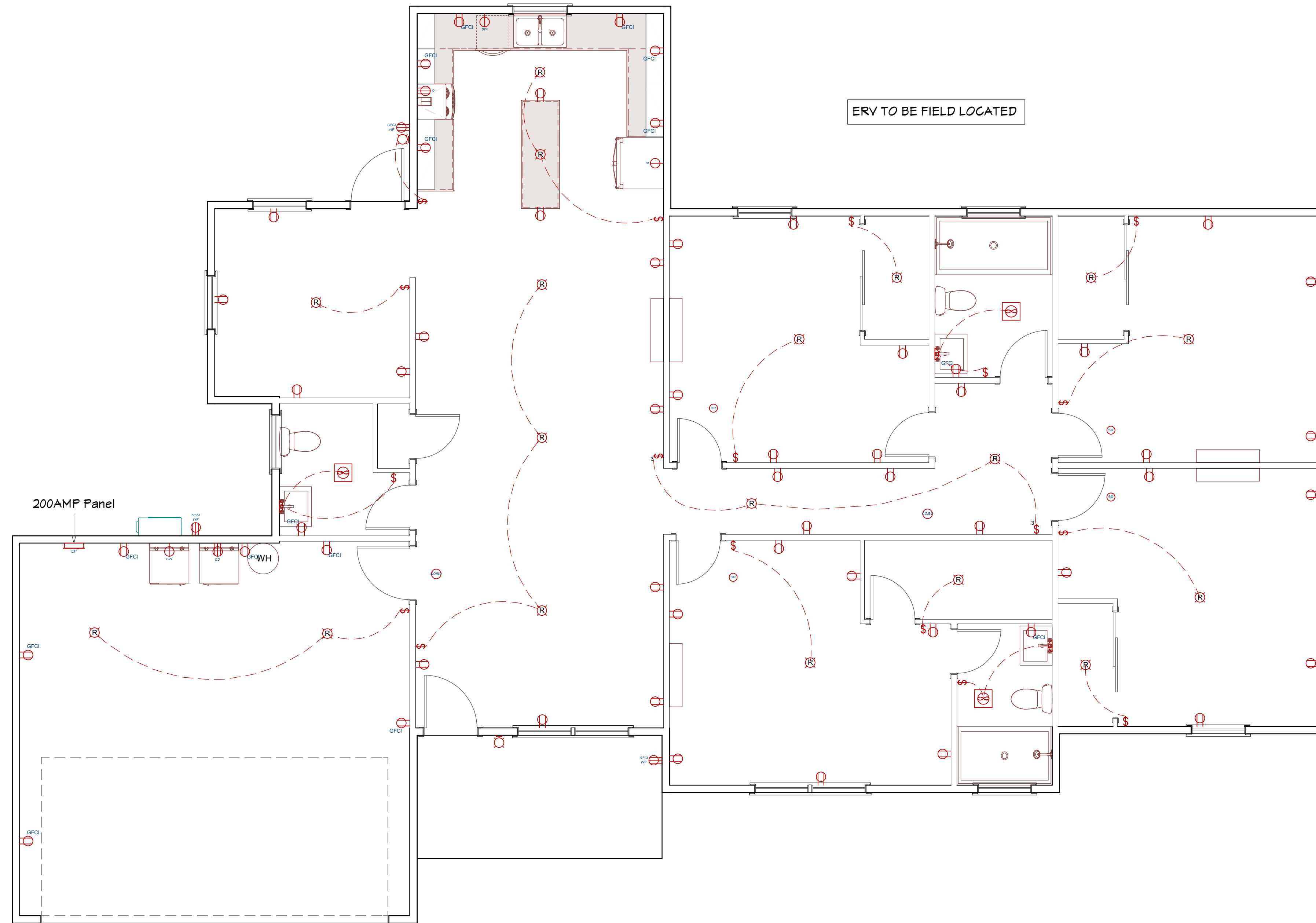
DETAIL 8
3/4" = 1'-0"



DETAIL 9
3/4" = 1'-0"

ELECTRICAL PLAN

1/4"-1'



ELECTRICAL:
ELECTRICAL MATERIALS AND INSTALLATION SHALL COMPLY WITH APPLICABLE PREVISIONS OF THE 2017 NATIONAL ELECTRICAL CODE (NFPA 70), LOCAL CODES, AND THE LOCAL POWER COMPANY.

IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE, ALL OF THE SMOKE DETECTORS MUST BE ELECTRICALLY CONNECTED SUCH THAT WHEN ONE SMOKE DETECTOR IS ACTIVATED ALL OF THE DETECTORS MUST BE ACTIVATED. SMOKE DETECTORS SHALL BE IN ALL SLEEPING AREAS AND WITHIN 1'-0" TO 3'-0" OF CEILING PEAK, AND SHALL BE 3'-0" MIN. FROM ANY AIR SUPPLY OR RETURN AIR STREAM, AND EQUIPPED WITH A BATTERY BACKUP

IN ACCORDANCE WITH CHAPTER 47L.003(2)(1) OF THE FLORIDA ADMINISTRATIVE CODE; ELECTRICAL SYSTEM SHALL BE DESIGNED BY THE RESPECTIVE CONTRACTORS TO MEET ALL APPLICABLE CODES. THE ELECTRICAL SYSTEM DRAWN HEREON IS BASED UPON A DESIGN PROVIDED BY THE OWNER TO ADDRESS HIS/HER REQUIREMENTS.

ALL 125V 15AMP OR 20AMP RECEPTACLE OUTLETS IN BATHROOMS, LAUNDRY ROOMS, OUTLETS SERVING KITCHEN COUNTERTOP SURFACES, IN GARAGES WITHIN SIX FEET OF ANY SINK, DISHWASHER AND AT EXTERIOR LOCATIONS SHALL BE PROTECTED BY A GROUND-FAULT CIRCUIT INTERRUPTER.

ALL 125V AND 250V 15 OR 20 AMP RECEPTACLE OUTLETS INSTALLED IN WET LOCATIONS SHALL HAVE AN ENCLOSURE THAT IS WATERPROOF AND WHEATERPROOF

ELECTRICAL CIRCUITS SHALL BE PROTECTED BY A LIST ARC-FAULT CIRCUIT INTERRUPTER IN ACCORDANCE WITH ARTICLE 210.12.

ALL ELECTRICAL FIXTURES, LOCATIONS AND SWITCHES TO BE FIELD VERIFIED W/ OWNER & CONTRACTOR PRIOR TO INSTALLATION.

ALL NON-GFI OUTLETS TO BE ON ARC FAULT INTERRUPTERS

GFCI OUTLETS ARE REQUIRED AT ALL EXTERIOR LOCATIONS

ALL ELECTRICAL MUST MEET 2020 F.B.C.

LOCATION OF FIXTURES AND/OR OUTLETS ARE SUGGESTED AND MAY BE ADJUSTED BY OWNER/BUILDER BUT MUST MEET ALL LOCAL AND STATE REQUIREMENTS.

ELECTRIC SERVICE AND PANEL BOX TO BE LOCATED ON JOB SITE AS SPECIFIED.

PRELIMINARY ELECTRIC WORK MAY BE REQUIRED AT SLAB STAGE.

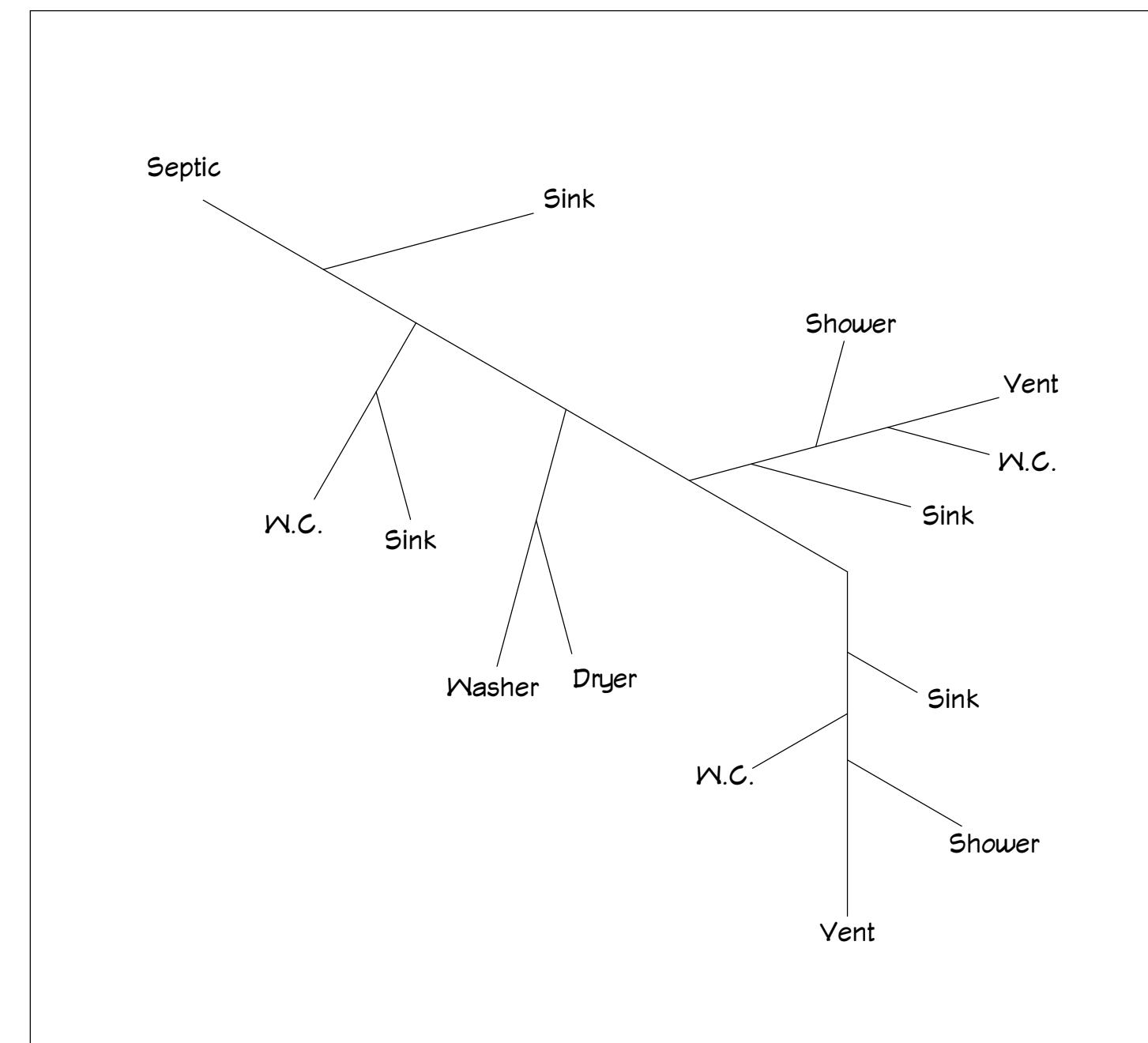
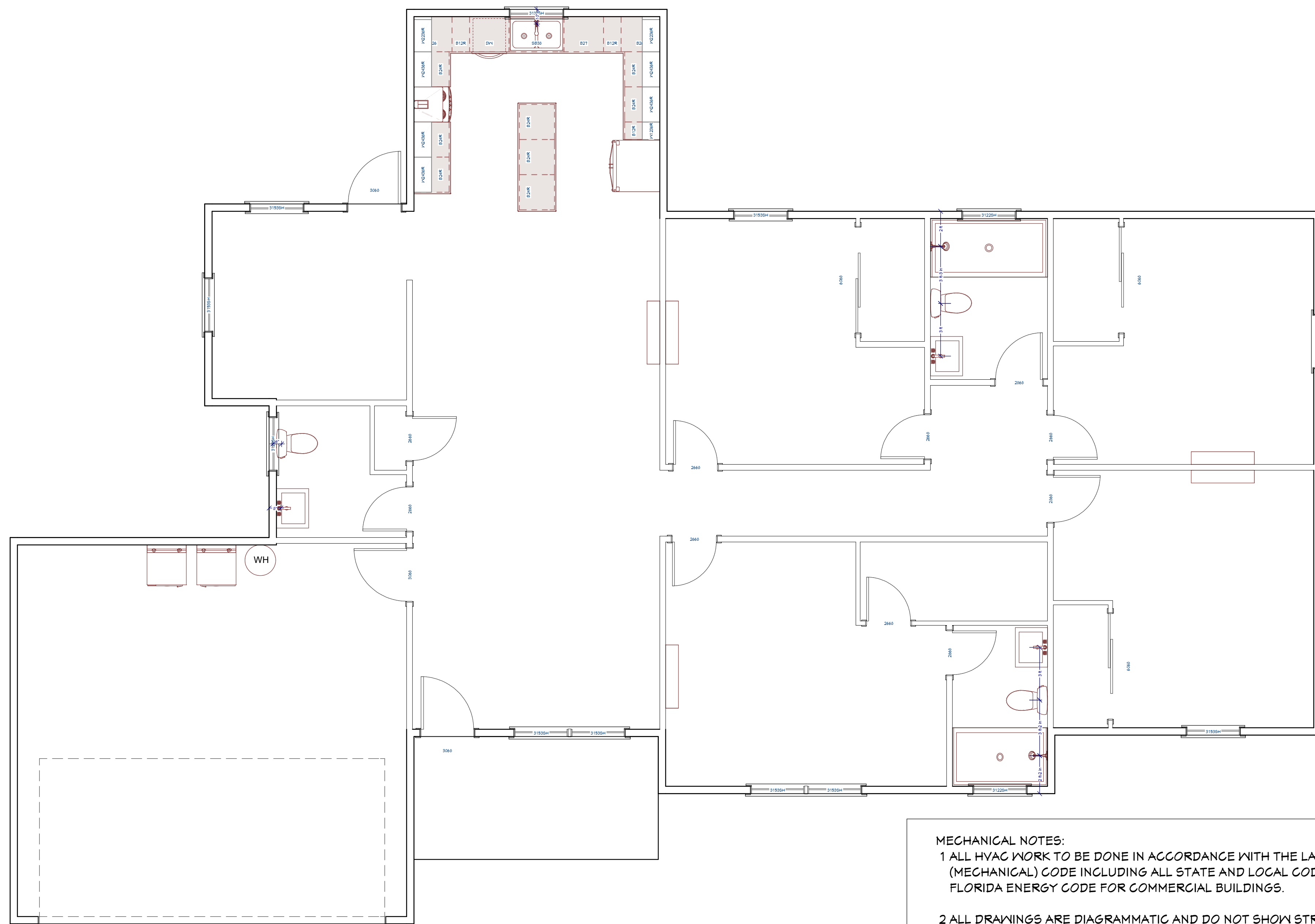
THIS PLAN IS INTENDED TO SHOW A BASIC ELECTRICAL LAYOUT. BAYHEAD CONSULTING INC. WILL BEAR NO RESPONSIBILITY FOR ITS ACCURACY. IT IS THE LICENSED ELECTRICAL CONTRACTORS RESPONSIBILITY TO VERIFY THE REQUIREMENTS AND THE LOCATIONS OF ALL ELECTRICAL EQUIPMENT. FURTHERMORE, PROVIDE AND INSTALL COMPLETE ELECTRICAL SERVICE AS REQUIRED. IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO SUBMIT ELECTRICAL PLAN AND PULL NECESSARY PERMITS AS REQUIRED BY LOCAL BUILDING DEPARTMENTS.

ELECTRICAL - DATA - AUDIO LEGEND

SYMBOL	DESCRIPTION
	Ceiling Fan
	Ventilation Fans: Ceiling Mounted, Wall Mounted
	Ceiling Mounted Light Fixtures: Surface/Pendant, Recessed, Heat Lamp, Low Voltage
	Wall Mounted Light Fixtures: Flush Mounted, Wall Sconce
	Chandelier Light Fixture
	Fluorescent Light Fixture
	240V Receptacle
	110V Receptacles: Duplex, Weather Proof, GFCI
	Switches: Single Pole, Weather Proof, 3-Way, 4-Way
	Switches: Dimmer, Timer
	Audio Video: Control Panel, Switch
	Speakers: Ceiling Mounted, Wall Mounted
	Wall Jacks: CAT5, CAT5 + TV, TV/Cable
	Telephone Jack
	Intercom
	Thermostat
	Door Chime, Door Bell Button
	Smoke Detectors: Ceiling Mounted, Wall Mounted
	Electrical Breaker Panel

PLUMBING PLAN

1/4"-1'



Note:
 -ESP panels 5" thickness will be used for exterior walls and main partition between modules.
 -ESP panels 8" thickness for roof slab.
 -ESP panels 4" thickness for interior walls.
 -ESP panels 3" thickness for interior closet walls.

MECHANICAL NOTES:

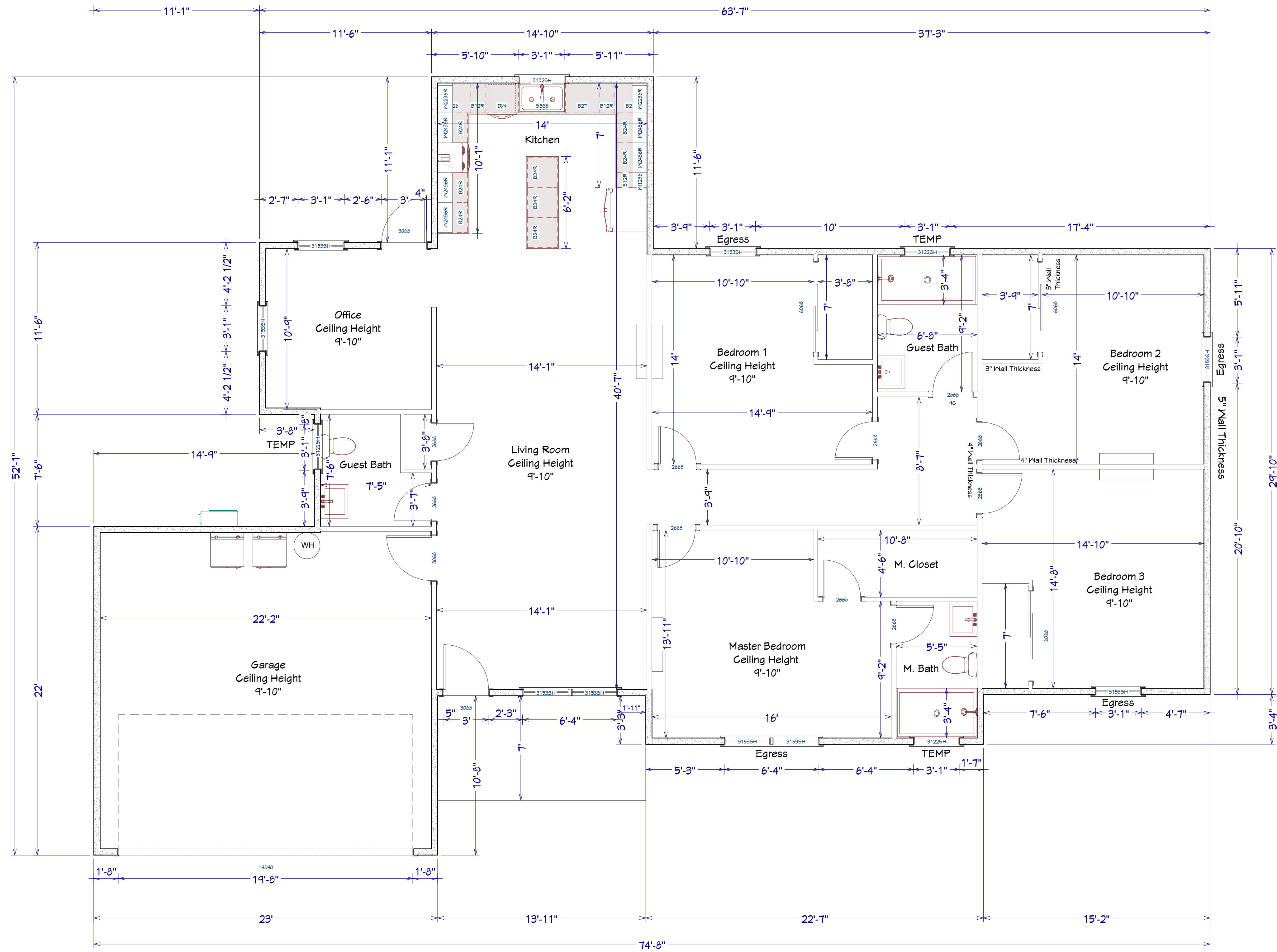
- 1 ALL HVAC WORK TO BE DONE IN ACCORDANCE WITH THE LATEST FBC (MECHANICAL) CODE INCLUDING ALL STATE AND LOCAL CODES AND THE 2020 FLORIDA ENERGY CODE FOR COMMERCIAL BUILDINGS.
- 2 ALL DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW STRUCTURAL MEMBERS, CHANGES IN CEILING HEIGHT, OR ANY NUMBER OF OTHER NECESSARY ITEMS WHICH MAY INTERFERE WITH THE EXACT INSTALLATION AS REPRESENTED ON THE DRAWINGS. THIS CONTRACTOR IS EXPECTED TO COMPLETE THE INSTALLATION AS REQUIRED WITH WHATEVER MODIFICATIONS THAT ARE NECESSARY TO AVOID THE CONFLICTING ITEM. CONTRACTOR SHALL VERIFY SPACE CONDITIONS AND DIMENSIONS AND SHALL COORDINATE WORK WITH ALL OTHER TRADES, PRIOR TO FABRICATING DUCTWORK OR INSTALLING EQUIPMENT OF PIPING.
- 3 EXHAUST FANS TO BE DUCTED TO EXTERNAL BUILDING WITH METAL DUCT. DUCT MAY BE FLEXIBLE (EXPANDABLE METAL) STYLE.
- 4 ALL THERMOSTATS SHALL BE 5/1/1 PROGRAMMABLE ELECTRONIC HEAT / COOL TYPE WITH FAN AND SYSTEM SELECTOR SWITCH ON SUB-BASE. MOUNT ON WALL 66" ABOVE FINISHED DOOR.
- 5 VERIFY ALL VOLTAGES WITH ELECTRICAL CONTRACTOR BEFORE ORDERING ANY EQUIPMENT.
- 6 ALL EQUIPMENT TO HAVE AN S.E.E.R. RATING OF 14 OR GREATER.
- 7 FRESH AIR INTAKE TO BE PROVIDED PER CODE. INTAKE THROUGH WALL OR ROOF CAP IS RESPONSIBLE.
- 8 IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO SIZE EQUIPMENT BASED ON ACCA MANUAL N FOR COMMERCIAL CONSTRUCTION.
- 9 MECHANICAL PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE AND ARE TO BE READ IN CONJUNCTION WITH ARCH. PLUMBING, ELECTRICAL AND STRUCTURAL PLANS AND SHALL BE CONSIDERED AS ONE SET OF DOCUMENTS.

PIPING MATERIAL	MAXIMUM HORIZONTAL SPACING (FEET)	MAXIMUM VERTICAL SPACING (FEET)
ABS PIPE	4	10'b
ALUMINUM TUBING	10	15
CAST-IRON PIPE	5'a	15
COPPER OR COPPER ALLOY PIPE	12	10
COPPER OR COPPER ALLOY TUBING (1 1/4 INCHES IN DIAMETER AND SMALLER)	6	10
COPPER OR COPPER ALLOY TUBING (1 1/2 INCHES IN DIAMETER AND LARGER)	10	10
CROSS-LINKED POLYETHYLENE (PEX) PIPE, 1 INCH AND SMALLER	2.67 (32 inches)	10'b
CROSS-LINKED POLYETHYLENE (PEX) PIPE, 1 1/4 INCH AND LARGER	4	10'b
CROSS-LINKED POLYETHYLENE/ALUMINUM CROSS-LINKED POLYETHYLENE (PEX-AL-PEX) PIPE	2.67 (32 inches)	4'b
CPVC PIPE OR TUBING (1 INCH IN DIAMETER AND SMALLER)	3	10'b
CPVC PIPE OR TUBING (1 1/4 INCHES IN DIAMETER AND LARGER)	4	10'b
LEAD PIPE	continuous	4
PB PIPE OR TUBING	2.67 (32 inches)	4
POLYETHYLENE OF RAISED TEMPERATURE (PE-RT) PIPE, 1 INCH AND SMALLER	2.67 (32 inches)	10'b
POLYETHYLENE OF RAISED TEMPERATURE (PE-RT) PIPE, 1 1/4 INCH AND LARGER	4	10'b
POLYPROPYLENE (PP) PIPE OR TUBE (1 INCH AND SMALLER)	2.67 (32 inches)	10'b
POLYPROPYLENE (PP) PIPE OR TUBE (1 1/4 INCH AND LARGER)	4	10'b
PVC PIPE	4	10'b
STAINLESS STEEL DRAINAGE SYSTEM	10	10'b
STEEL PIPE	12	15

MATERIAL	STANDARD
AIR GAP FITTINGS FOR USE WITH PLUMBING FIXTURES, APPLIANCES AND APPURTENANCES	ASME A112.1.3
BATHTUB/WHIRPOOL PRESSURE-SEALED DOORS	ASME A112.19.15
DIVERTERS FOR FAUCETS WITH HOSE SPRAY, ANTI-SYPHON TYPE, RESIDENTIAL APPLICATION	ASTM A212.18.1/CSA B45.2
ENAMELED CAST-IRON PLUMBING FIXTURES	ASME A112.19.1 M/CSA B45.2
FLOOR DRAINS	ASME A112.6.3
FRAMING-AFFIXED SUPPORTS FOR OFF-THE-FLOOR WATER CLOSETS WITH CONCEALED TANKS	ASME A112.6.2
HOSE CONNECTION VACUUM BREAKER	ASSE 1052
HOT WATER DISPENSERS, HOUSEHOLD STORAGE TYPE, ELECTRICAL	ASSE 1023
HOUSEHOLD DISPOSER	ASSE 1008
HYDRAULIC PERFORMANCE FOR WATER CLOSETS AND URINALS	ASME A112.19.2/CSA B45.1
INDIVIDUAL AUTOMATIC COMPENSATING VALVES FOR INDIVIDUAL FIXTURE FITTINGS	ASME A112.18.1/CSA B125.1
INDIVIDUAL SHOWER CONTROL VALVES ANTI-SCALD	ASSE 1016/ASME A112.1016/CSA B125.16
MACERATING TOILET SYSTEMS AND RELATED COMPONENTS	ASME A112.3.4/CSA B45.9
NONVITREOUS CERAMIC PLUMBING FIXTURES	ASME A112.19.2/CSA B45.1
PLASTIC BATHTUB UNITS	CSA B45.5 / IAPMO Z124, ASME A112.19.2/CSA B45.1
PLASTIC LAVATORIES	CSA B45.5 / IAPMO Z124
PLASTIC SHOWER RECEPTORS AND SHOWER STALL	CSA B45.5 / IAPMO Z124
PLASTIC SINKS	CSA B45.5 / IAPMO Z124
PLASTIC WATER CLOSET BOWLS AND TANKS	CSA B45.5 / IAPMO Z124
PLUMBING FIXTURE FITTINGS	ASME A112.18.1 / CSA B125.1
PLUMBING FIXTURE WASTE FITTINGS	ASME A112.18.2 / CSA B125.2, ASTM F409
PORCELAIN-ENAMELED FORMED STEEL PLUMBING FIXTURES	ASME A112.19.1 / CSA B45.2
PRESSURIZED FLUSHING DEVICES FOR PLUMBING FIXTURES	ASSE 1037, CSA B125.3
SPECIFICATION FOR COPPER SHEET AND STRIP FOR BUILDING CONSTRUCTION	ASTM B370
STAINLESS STEEL PLUMBING FIXTURES	ASME A112.19.3 / CSA B45.4
DUCTION FITTINGS FOR USE IN WHIRPOOL BATHTUB APPLIANCES	ASSE A112.19.7 / CSA B45.10
TEMPERATURE-ACTUATED, FLOW REDUCTION VALVES TO INDIVIDUAL FIXTURE FITTINGS	ASSE 1062
THERMOPLASTIC ACCESSIBLE AND REPLACEABLE PLASTIC TUBE AND TUBULAR FITTINGS	ASTM F409
TRENCH DRAINS	ASME A112.6.3
TRIM FOR WATER CLOSET BOWLS, TANKS AND URINALS	ASME A112.19.5 / CSA B45.15
VACUUM BREAKER WALL HYDRANT-FROST-RESISTANT, AUTOMATIC-DRAINING TYPE	ASSE 1019
VITREOUS CHINA PLUMBING FIXTURES	ASME A112.19.2 / CSA B45.1
WALL-MOUNTED AND PEDESTAL-MOUNTED, ADJUSTABLE AND PIVOTING LAVATORY AND SINK CARRIER SYSTEMS	ASME A112.19.12
WATER CLOSET FLUSH TANK FILL VALVES	ASSE 1002, CSA B125.3
WHIRPOOL BATHTUB APPLIANCES	ASME A112.19.7 / CSA B45.10

FLOOR PLAN

1/4"-1'



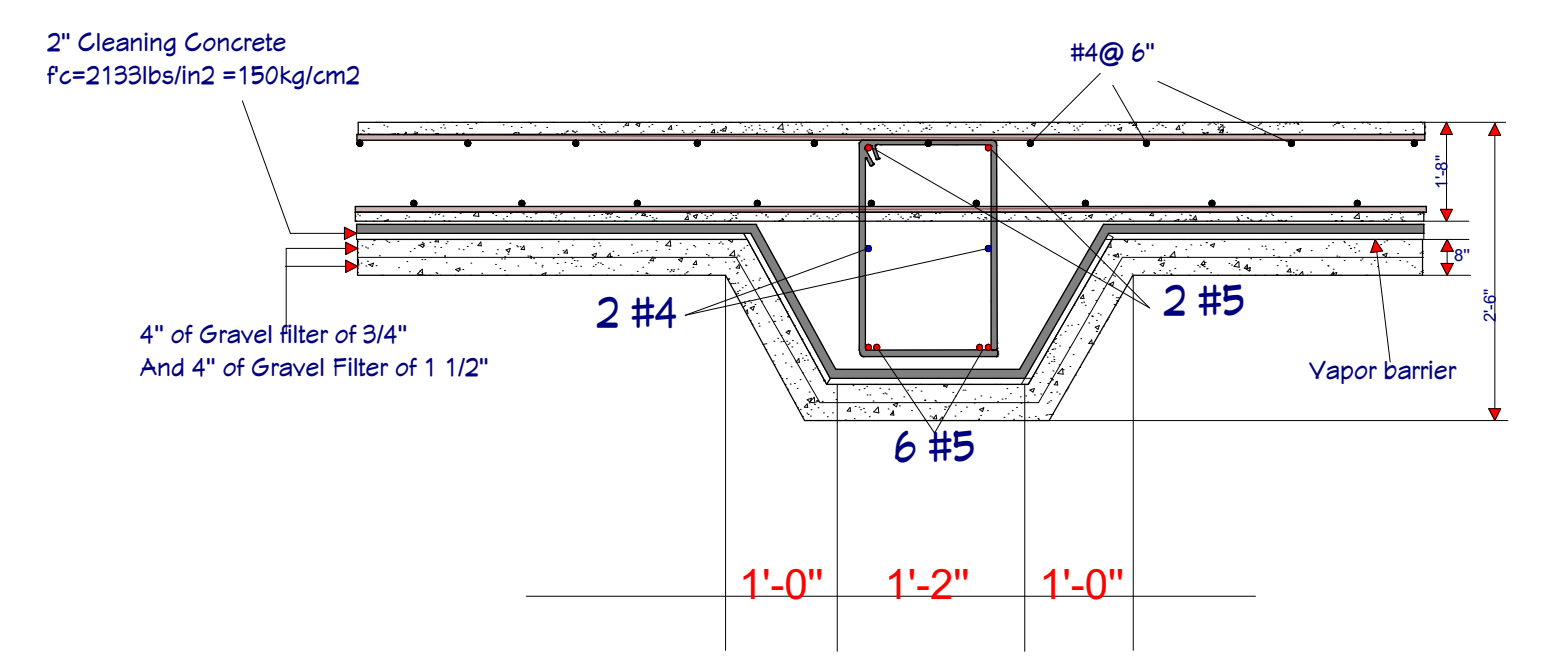
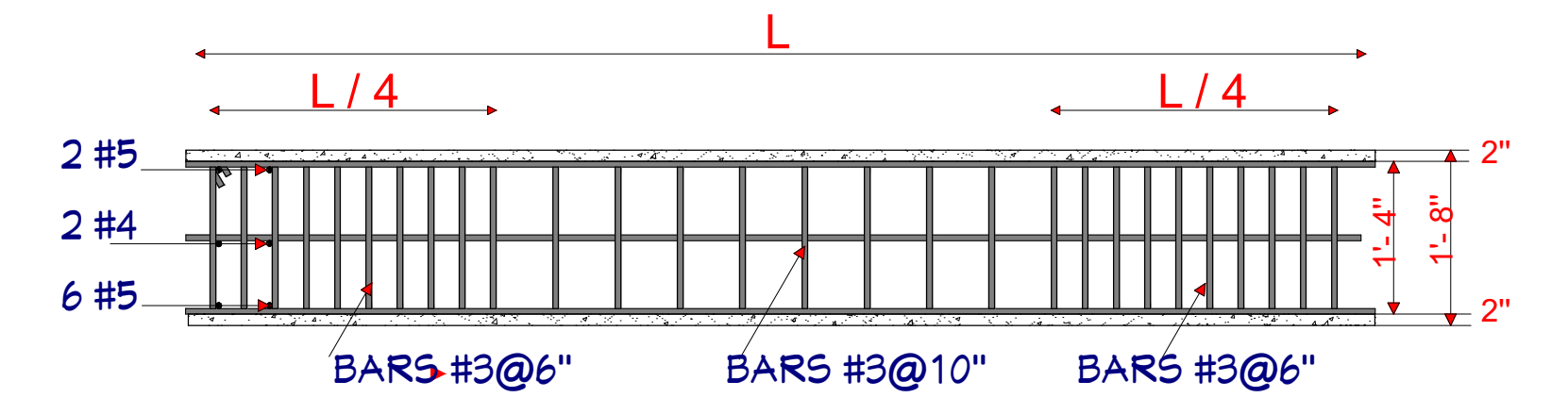
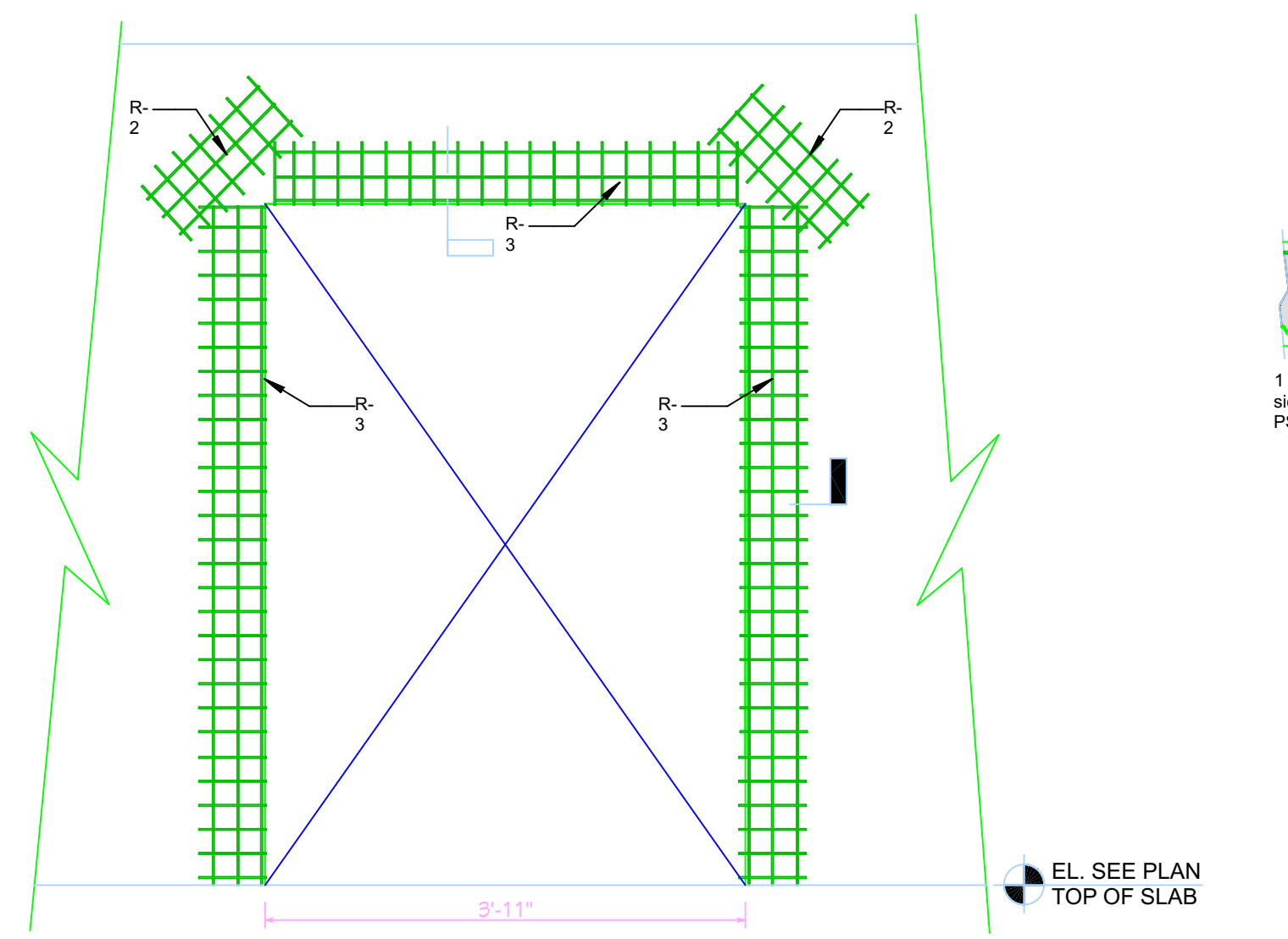
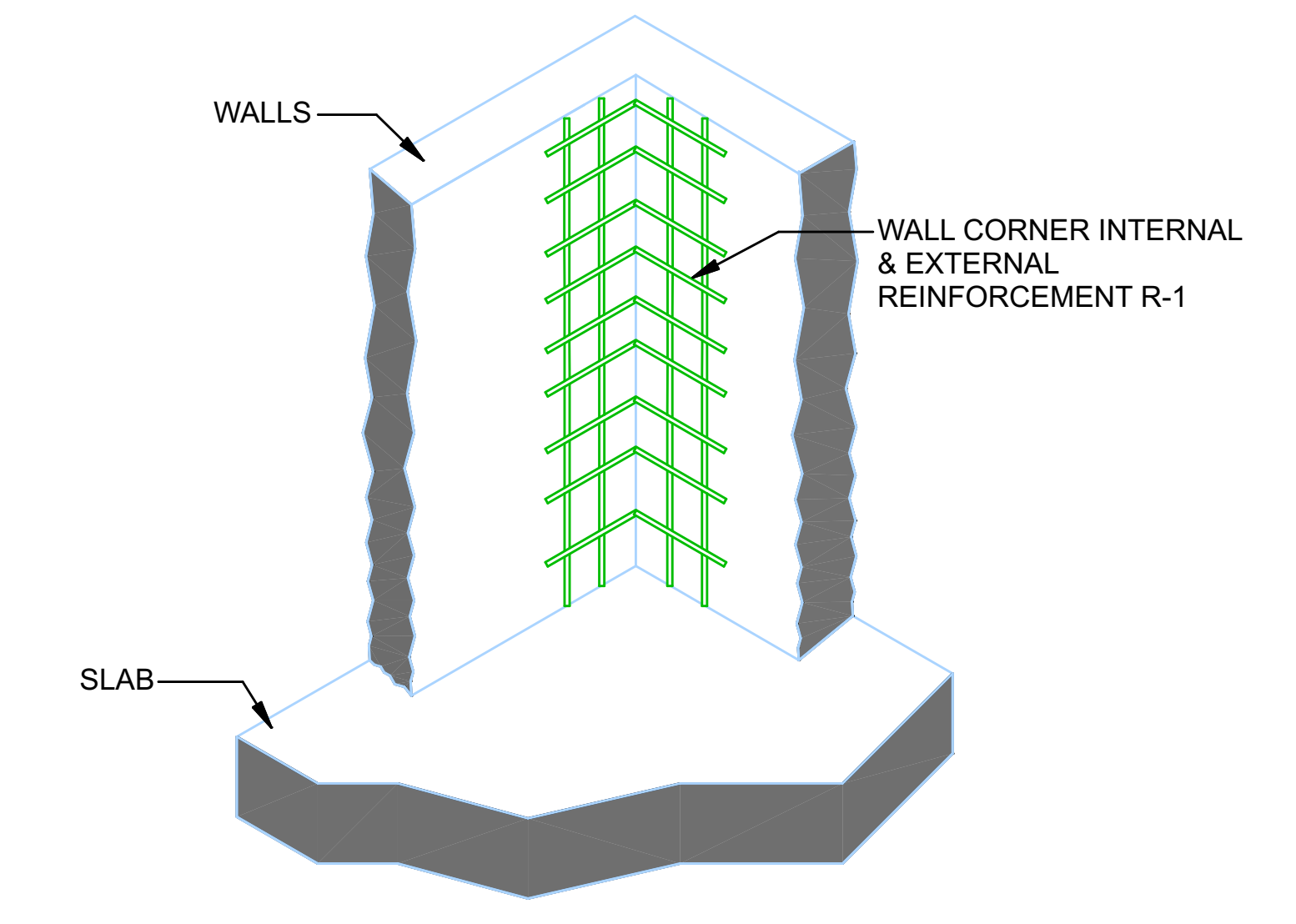
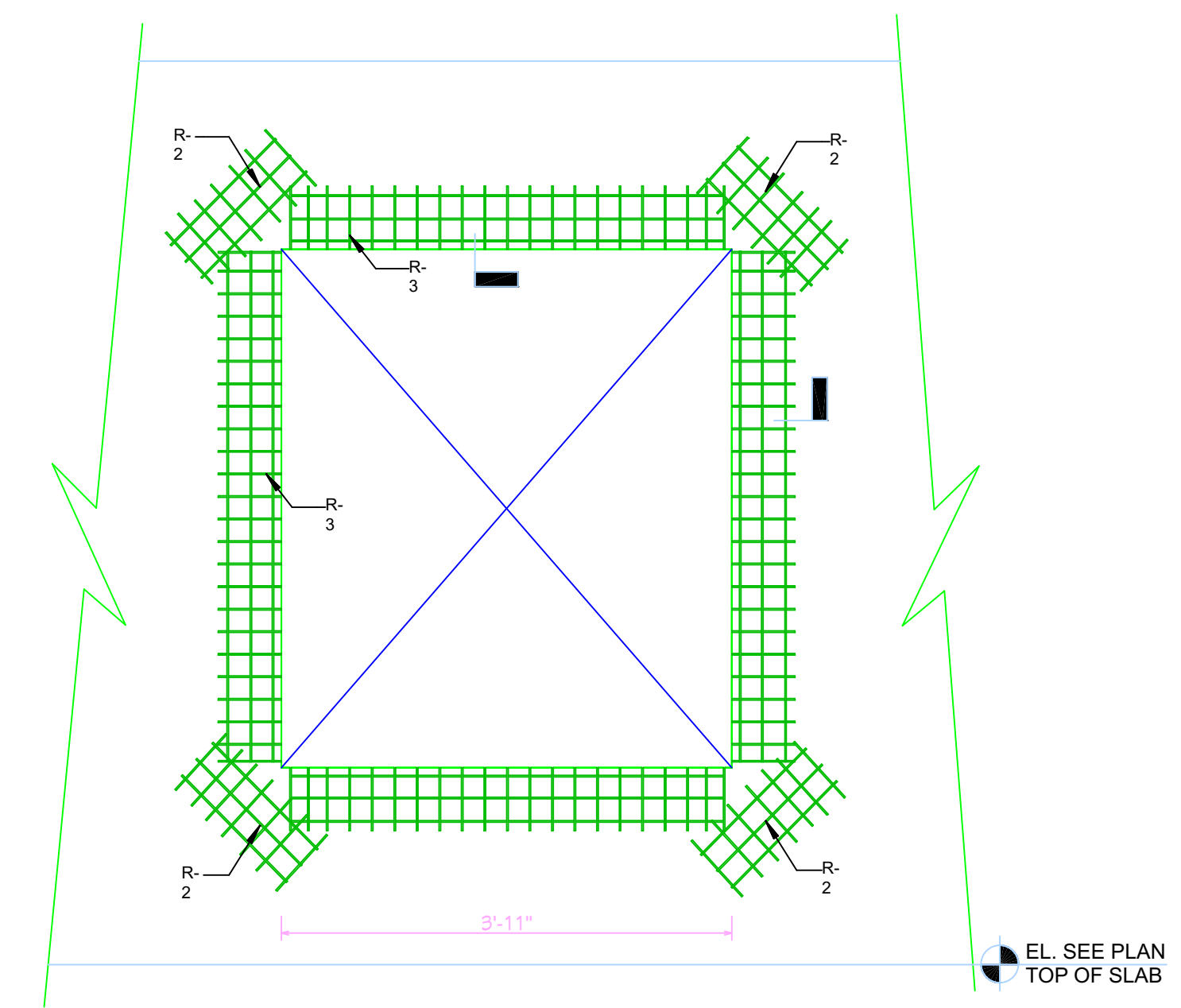
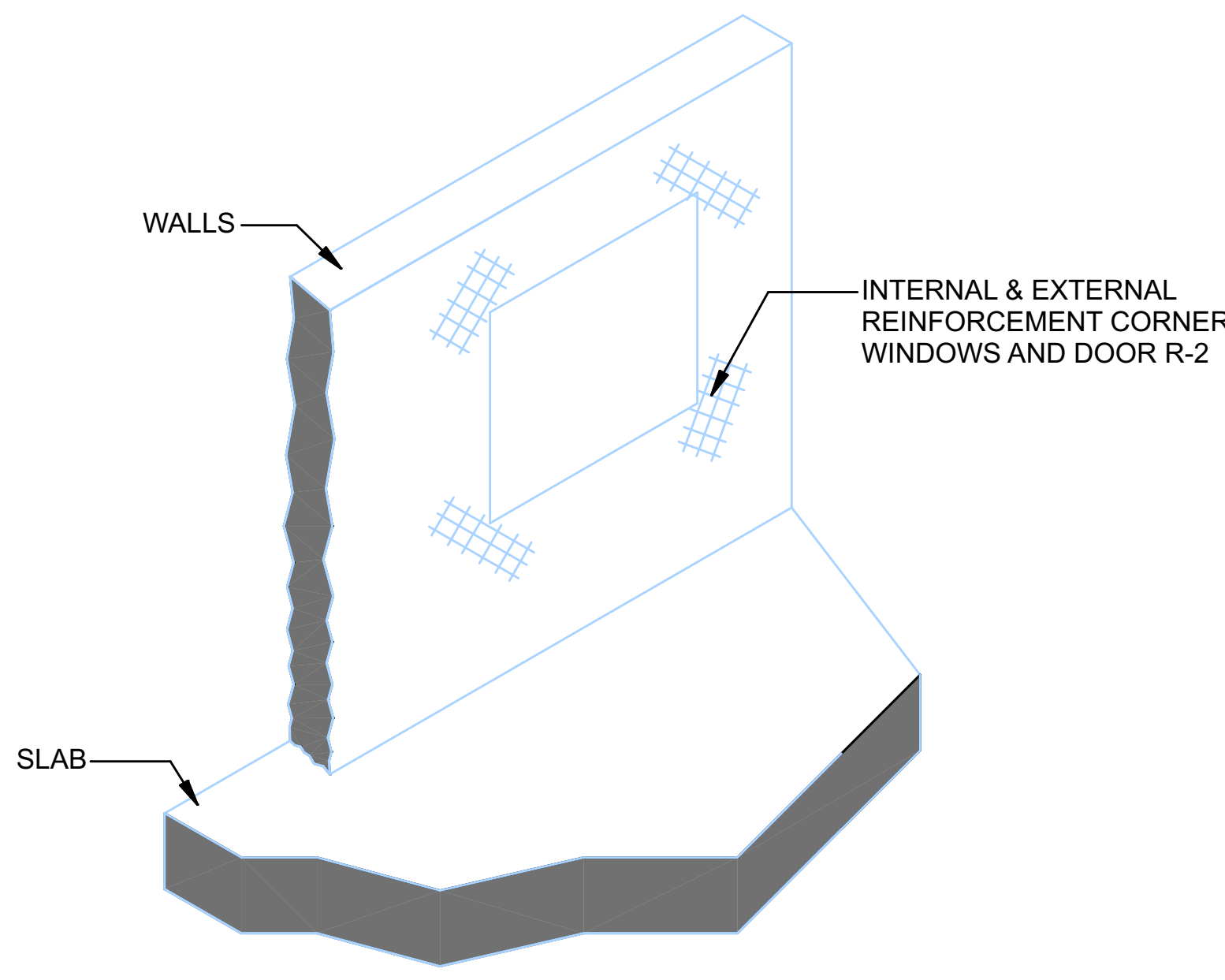
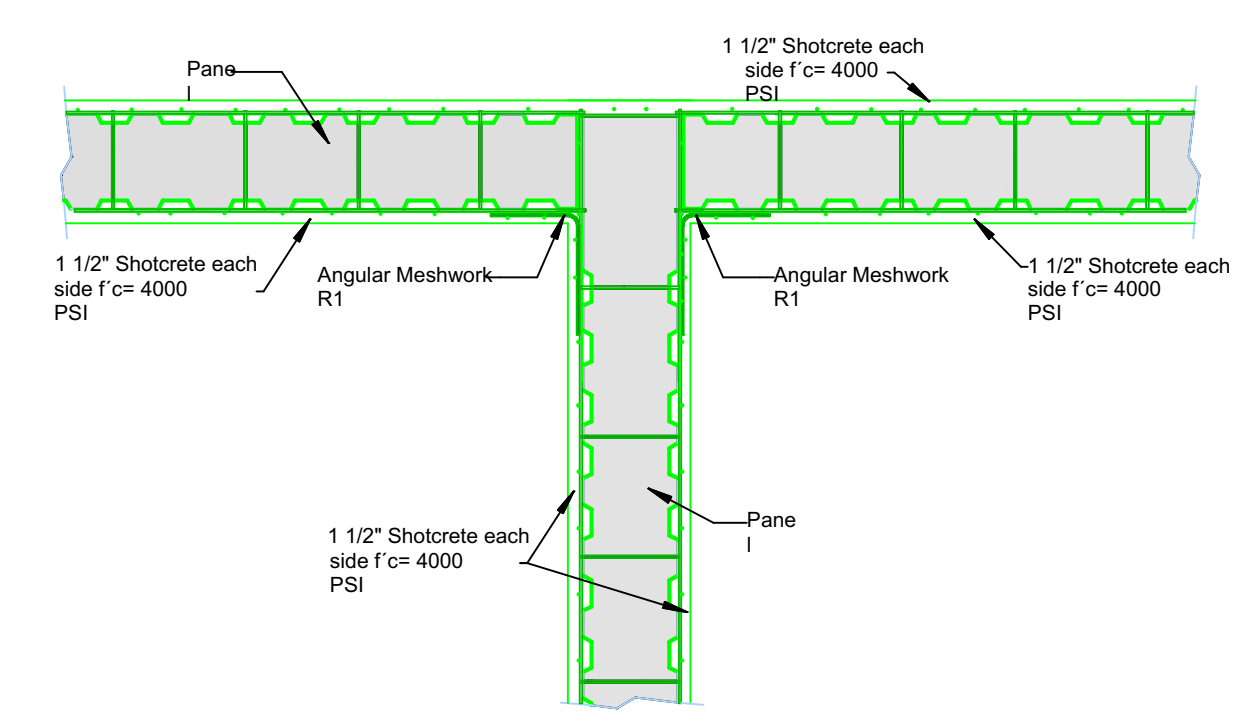
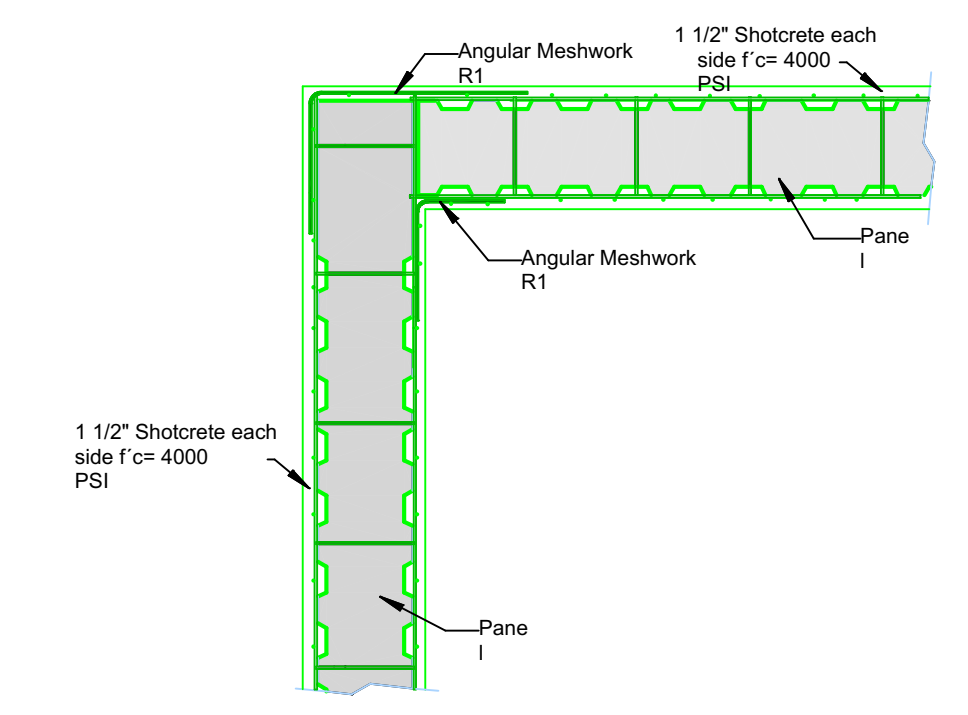
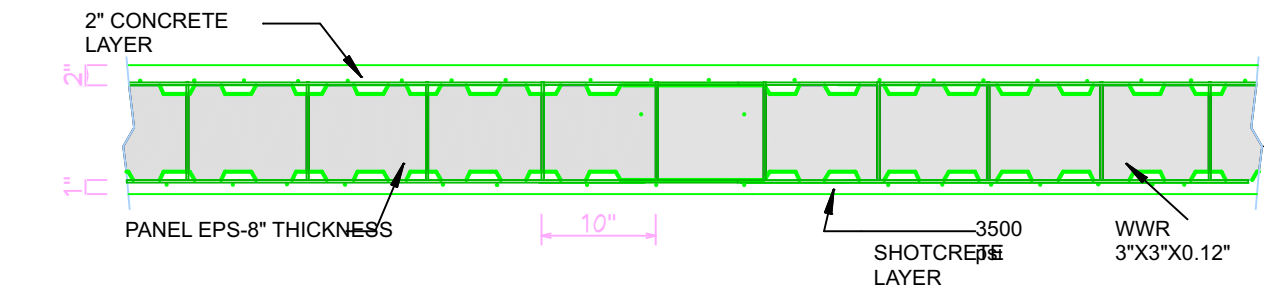
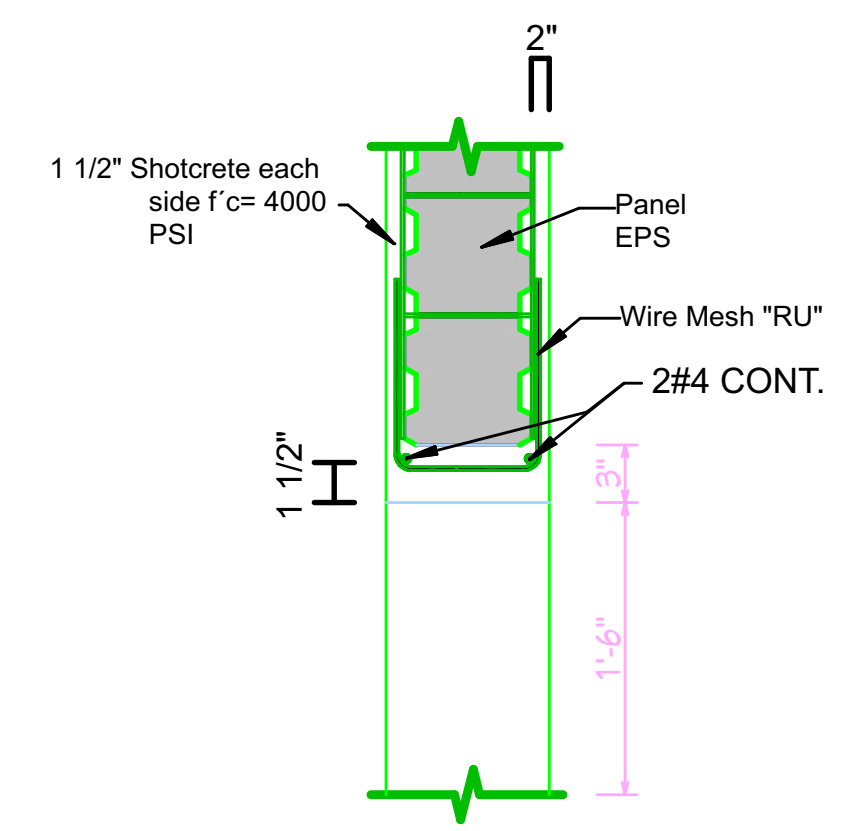
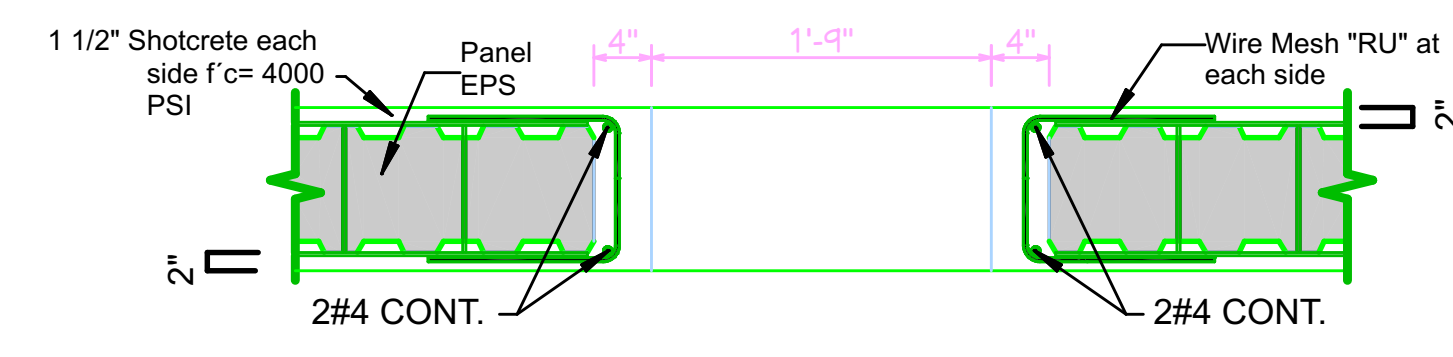
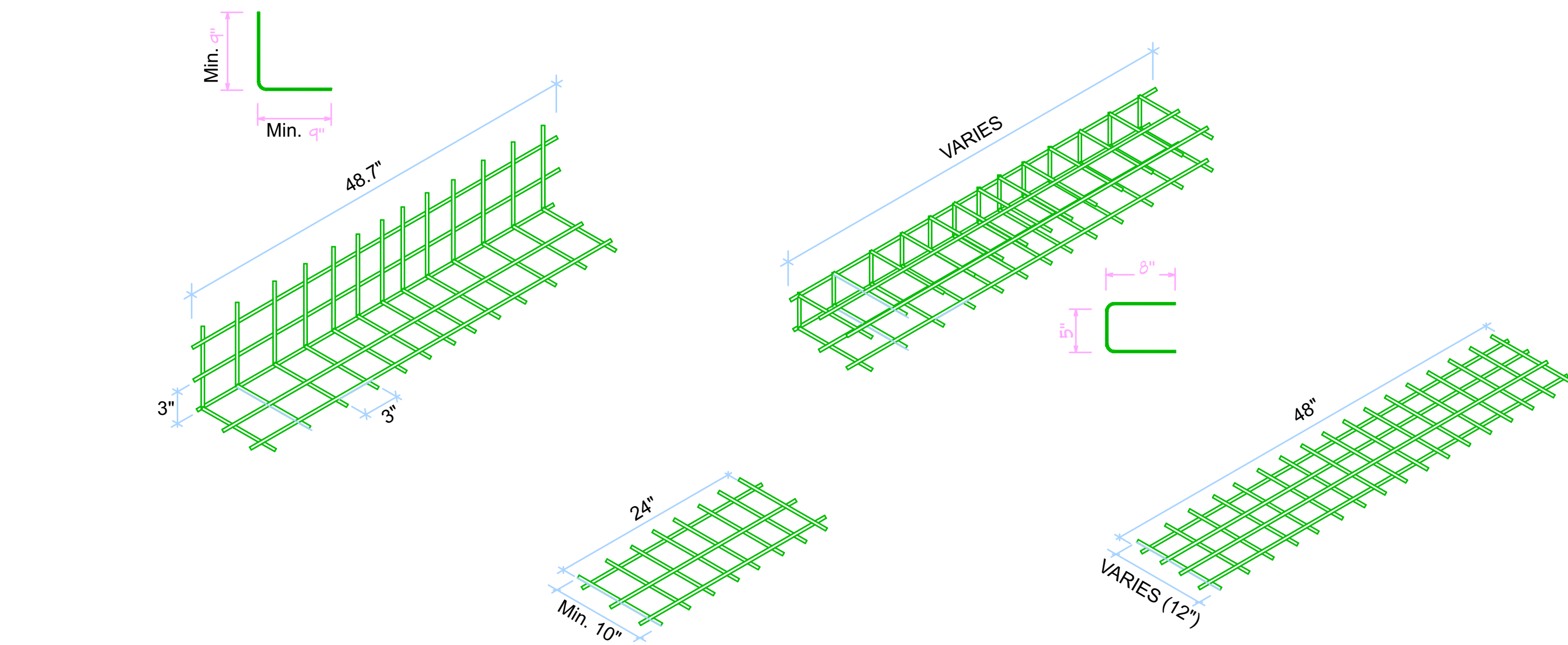
Windows			
Size	Width	Height	Quantity
31535H	3'-1"	63"	9
31325H	3'-1"	38"	1
31225H	3'-1"	26"	3

Door Schedule			
Size	Width	Height	Quantity
3060	3'-0"	6'-8"	3
2660	2'-6"	6'-8"	8
2860	2'-8"	6'-8"	2
6060	6'-0"	6'-8"	3
19890	14'-6"	9'-0"	1

Note:
 -ESP panels 5" thickness will be used for exterior walls and main partition between modules.
 -ESP panels 8" thickness for roof slab.
 -ESP panels 4" thickness for interior walls.
 -ESP panels 3" thickness for interior closet walls.

Compact the soil.
 Provide a waterproofing membrane.
 Pour 2 inches of cleaning concrete.
 Place the reinforcement keeping the required space using spacers.
 Pour the concrete to desired depth.
 Location, layout and stakeout (if applicable)
 Demolitions (If applicable)
 Dismantling and cleaning (if applicable)
 Loading, removal and disposal of material
 Pouring of concrete slab
 Lightening agent placement
 Reinforcement assembly
 Formwork reinforcement
 Concrete pouring
 Stripping and Form removal

STRUCTURAL CONCRETE DESIGN AND REINFORCEMENT IN ACCORDANCE WITH BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE. ALL CONCRETE WORK IN ACCORDANCE WITH SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS. PRODUCTION, DELIVERY, PLACING AND CURING TO BE IN ACCORDANCE WITH HOT WEATHER CONCRETING.



FOOTING BARS DIAGRAM