

LOT B-1 / HEAD RIVER RD
VIRGINIA BEACH, VIRGINIA

[illegible]

2 SECTION/DETAIL NUMBER

A1/A4 SHEET WHERE SECTION/DETAIL IS DRAWN

A1 SHEET WHERE SECTION/DETAIL IS TAKEN

1 NEW WORK NOTE

100 DOOR NUMBER

A WINDOW MARK

A ELEVATION LETTER

A2/A5 SHEET WHERE ELEVATION IS DRAWN

A2 SHEET WHERE ELEVATION IS TAKEN

4A PARTITION TYPES; SEE SHEET 3.1

	CONCRETE MASONRY UNIT		ROUGH WOOD
	CONCRETE		FINISH WOOD
	RIGID INSULATION		PLYWOOD
	BATT INSULATION		EARTH
	POROUS FILL		GWB

AFF	ABOVE FINISHED FLOOR	EX EXIST EXT	EXISTING EXISTING EXTERIOR	NIC NTS	NOT IN CONTRACT NOT TO SCALE	TLT TYP	TOILET TYPICAL
BLDG BLDGS BRG BOTT	BUILDING BLOCKING BEARING BOTTOM	FF FIN FL FT FTG	FINISH FLOOR FINISH FLOOR FOOT, FEET FOOTING	O.C. OPNG PLYWD	ON CENTER OPENING PLYWOOD	VERT W W/ WD	VERTICALLY WIDE, WIDTH WITH WOOD
CJ CLS CMU CONC CONT	CONTROL JOINT CEILING CONCRETE MASONRY UNIT CONCRETE CONTINUOUS	GALV GWB	GALVANIZED GYPSUM WALL BOARD	R REINF RESIL RM RO	RADIUS REINFORCING RESILIENT ROOM ROUGH OPENING	± ¢ ¢ #	PLUS OR MINUS CENTERLINE DIAMETER AT FOUND, NUMBER
D DET DIA DN DR DS	DEEP, DEPTH DETAIL DIAMETER DOWN DOOR DOWNSPOUT	H HORIZ INSUL JST JT	HIGH, HEIGHT HORIZONTAL INSULATION JOIST JOINT	SCH SF SQ	SCHEDULE SQUARE FOOT SQUARE		
EA ELEV EQ	EACH ELEVATION EQUAL	MAS MATL MAX MIN	MASONRY MATERIAL MAXIMUM MINIMUM				

NOTES THIS SHEET

- 1 DN 6 RISERS AT 7.0", 5 TREADS AT 14" WITH 1" NOSING
- 2 UP 21 RISERS AT 7.62", 20 TREADS AT 10" WITH 1" NOSING
- 3 DN 5 RISERS AT 6.4", 4 TREADS AT 14" WITH 1" NOSING
- 4 DN 7 RISERS AT 7.0", 6 TREADS AT 11" WITH 1" NOSING
- 5 DN 3 RISERS AT 7.0", 2 TREADS AT 11" WITH 1" NOSING
- 6 1 HR RATED PARTITION. 5/8" TYPE "X" GWB EACH SIDE
- 7 42" GAS FIREPLACE
- 8 WELL PUMP
- 9 WATER SOFTENER SYSTEM
- 10 WATER HEATER
- 11 BENCH WITH COAT HOOKS

ELECTRICAL LEGEND

- STRUCTURED WIRING TELEPHONE / CABLE EACH LOCATION SWITCH
- THREE WAY SWITCH
- DIMMER SWITCH
- DUPLEX RECEPTACLE
- GFI GROUND FAULT INTERRUPT RECEPTACLE
- WP WEATHER PROOF RECEPTACLE
- SPECIAL POWER OUTLET
- CEILING MOUNT SPEAKER
- DUPLEX RECEPTACLE

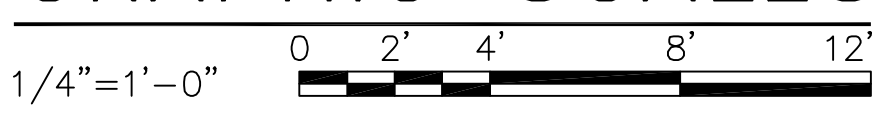
SQUARE FOOTAGE	
FIRST FLOOR HEATED	4982 SF
SECOND FLOOR HEATED	800 SF
REAR PORCH	860 SF
GARAGE	1006 SF
TOTAL HEATED	
6642 SF	

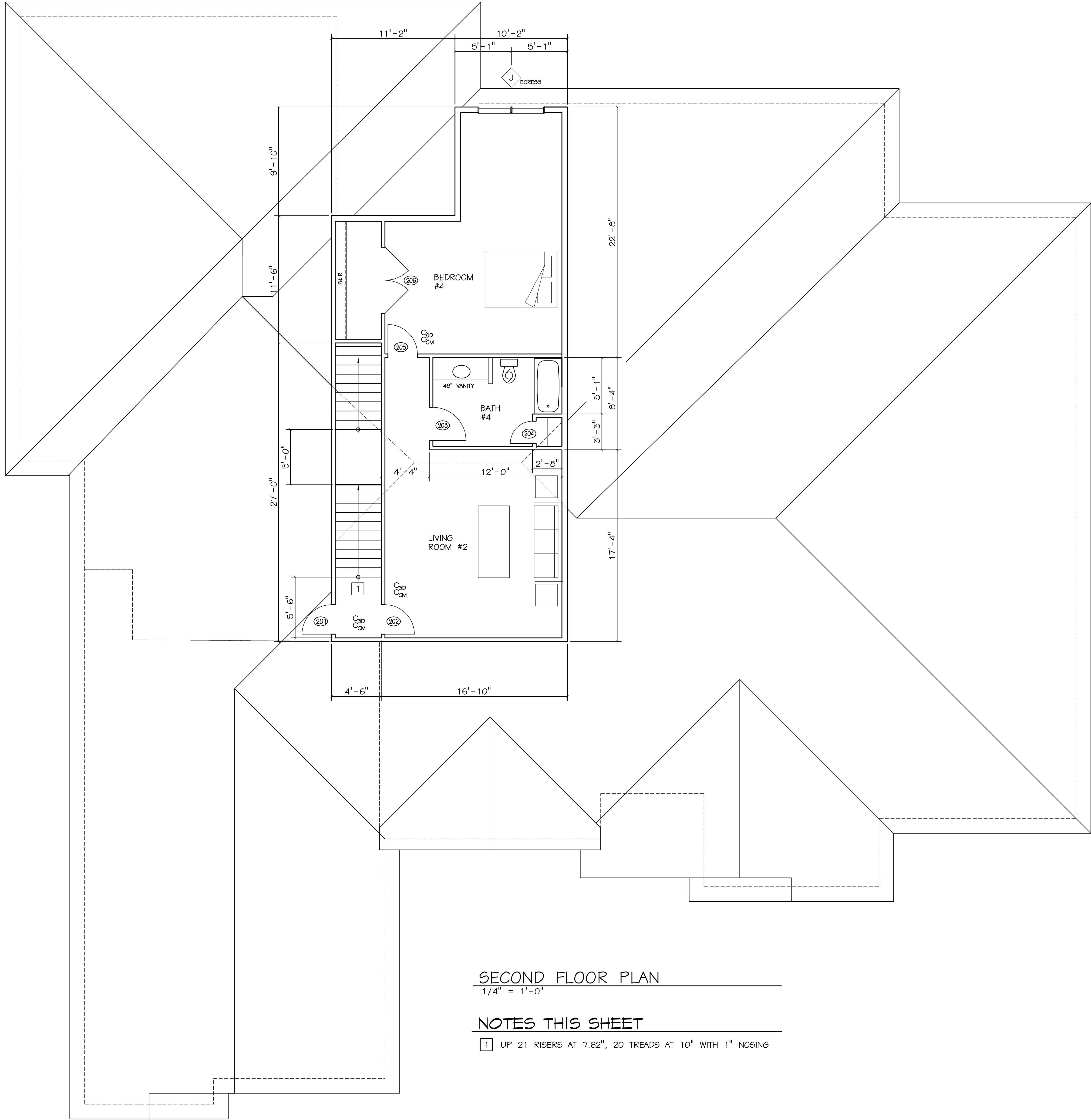
- ### PLAN LEGEND
- SD SMOKE DETECTOR, HARDWIRED AND INTERCONNECTED
 - CM CARBON MONOXIDE DETECTOR
 - EX EXHAUST FAN
 - FEC RECESSED FIRE EXTINGUISHER CABINET MOUNTED AT 60" AFF MAX PROVIDE 2-A:10-B:C FIRE EXTINGUISHER

FIRST FLOOR PLAN

1/4" = 1'-0"

GRAPHIC SCALES

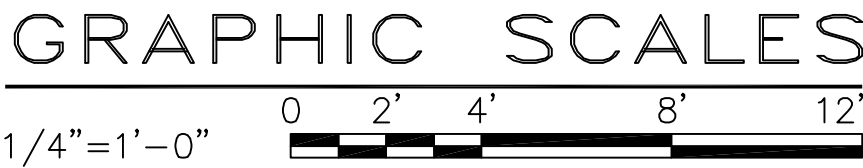




SECOND FLOOR PLAN
1/4" = 1'-0"

NOTES THIS SHEET

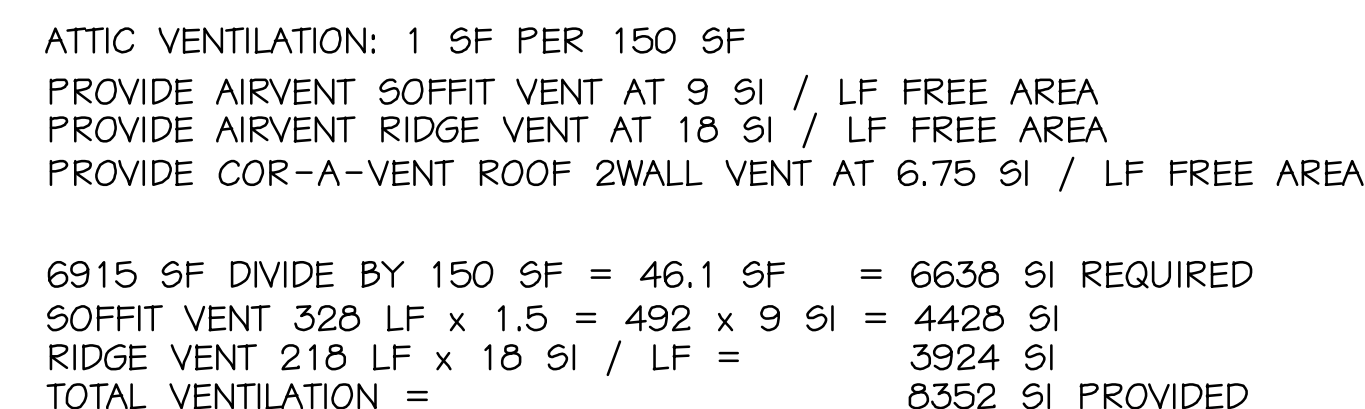
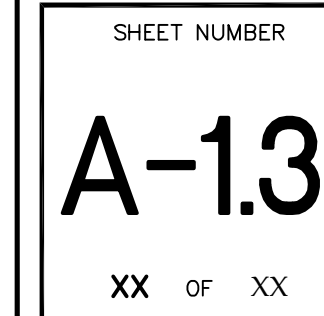
- 1 UP 21 RISERS AT 7.62", 20 TREADS AT 10" WITH 1" NOSING



PROJECT NO	DATE	SYMBOL	REVISION	PROJ MGR	DESIGNED	DRAWN	CHECKED
21081	22 JAN 2022			SRL	SRL	SRL	SRL

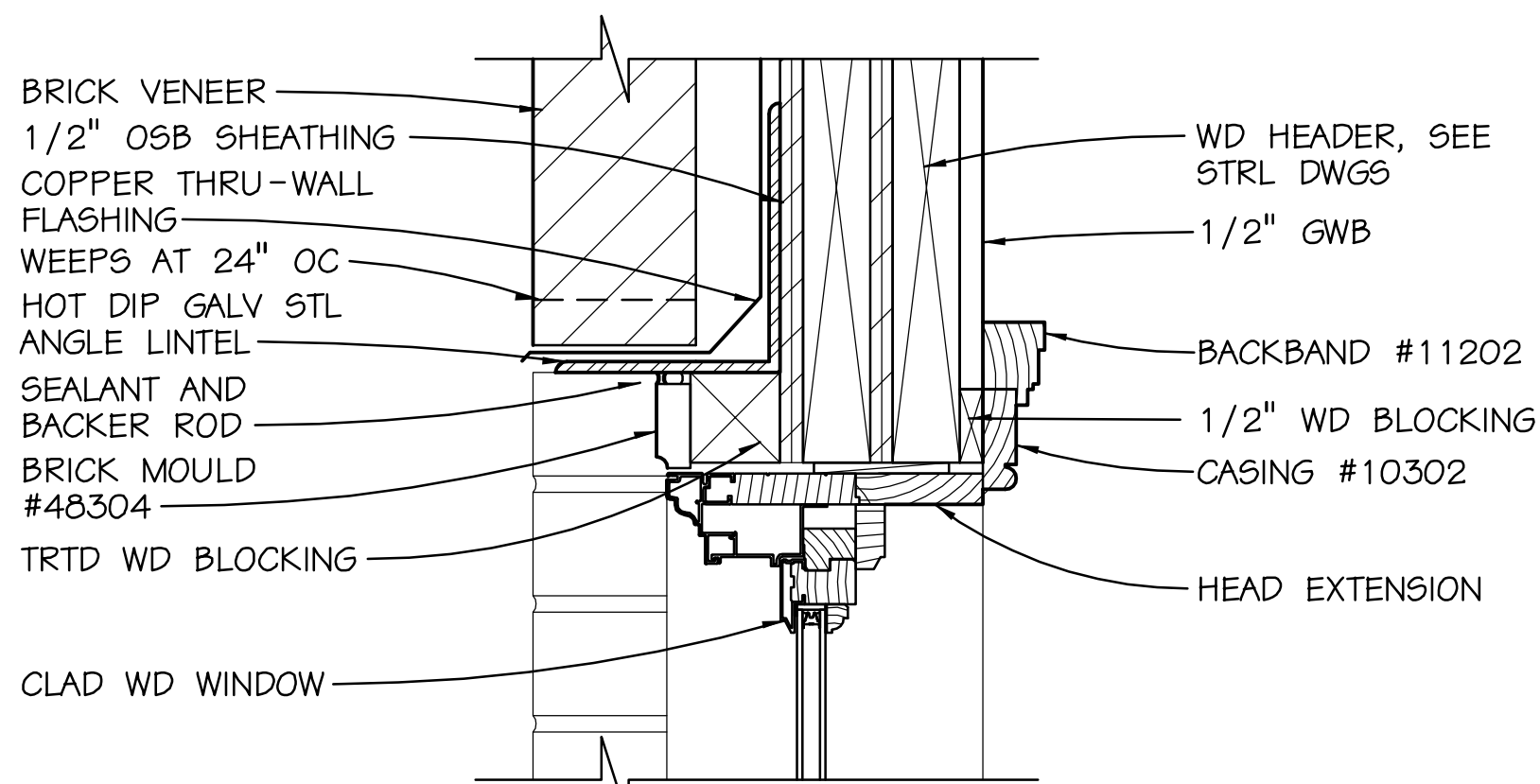
SHEET TITLE	THE JONES RESIDENCE
LOT B-1 / HEAD RIVER RD	VIRGINIA BEACH, VIRGINIA
SECOND FLOOR PLAN	

LEMOLÉ ARCHITECTS
2609 PRODUCTION
SUITE 102
VIRGINIA BEACH, VIRGINIA 23454
757-228-2620
SRLEMOLÉ@GMAIL.COM

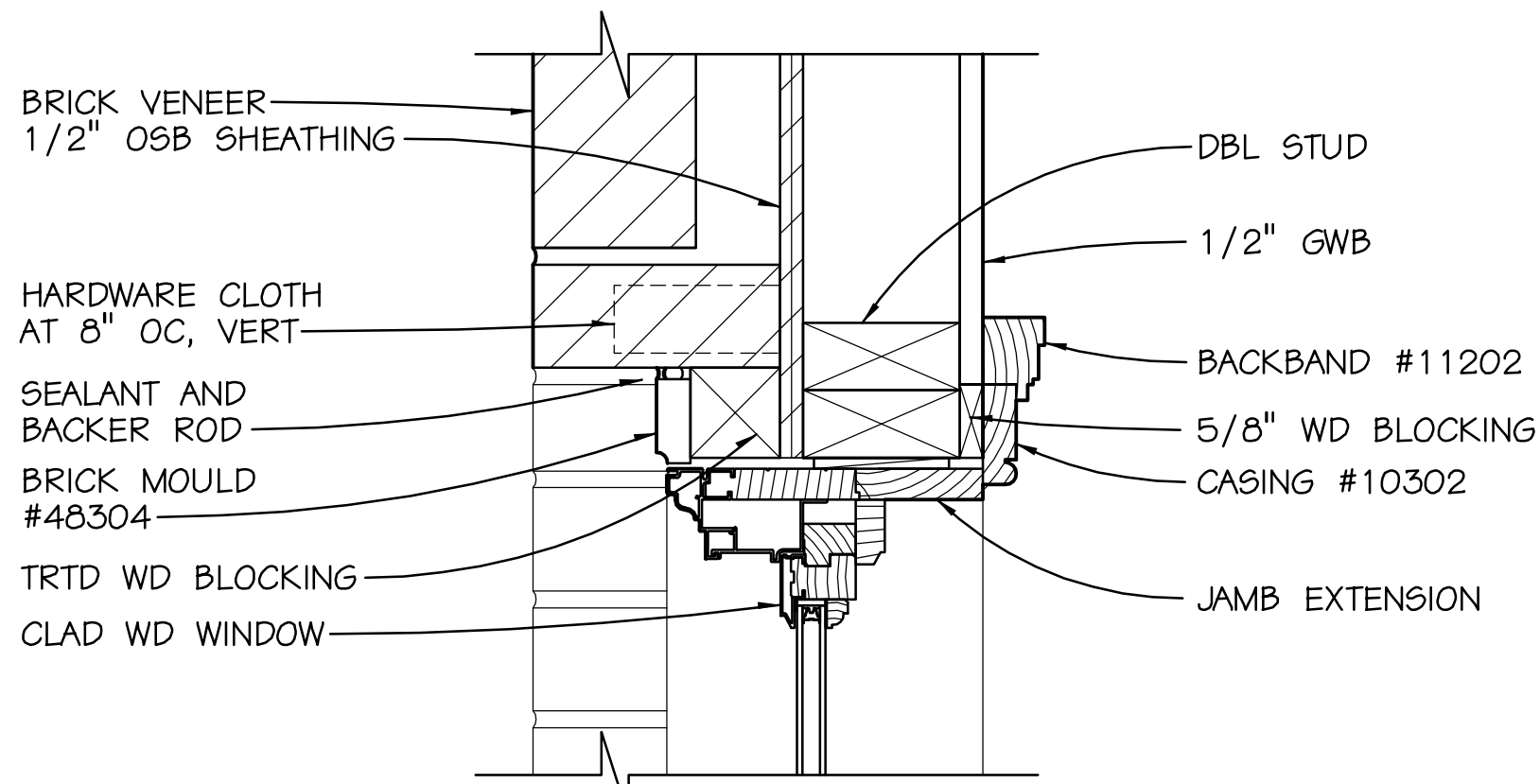


GRAPHIC SCALES

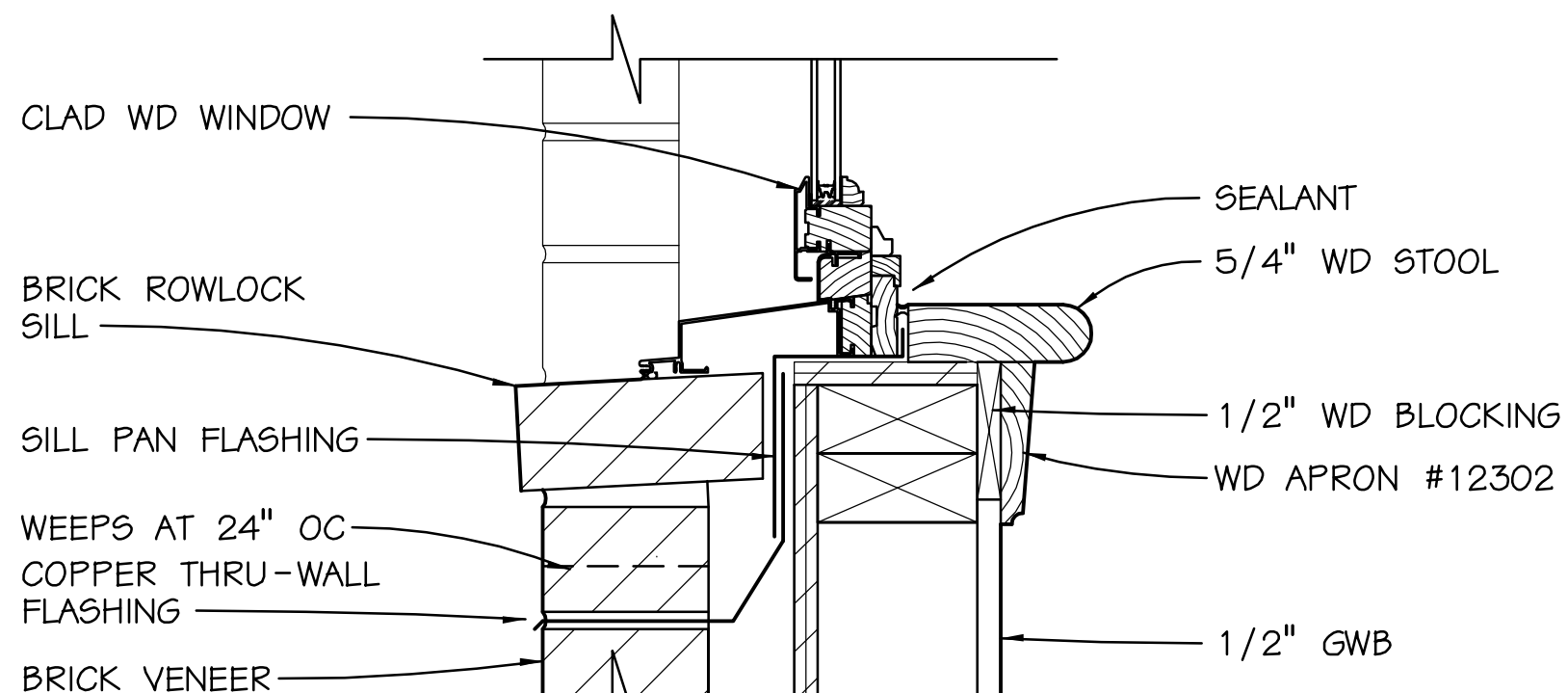
1/4"=1'-0" 0 2' 4' 8' 12'



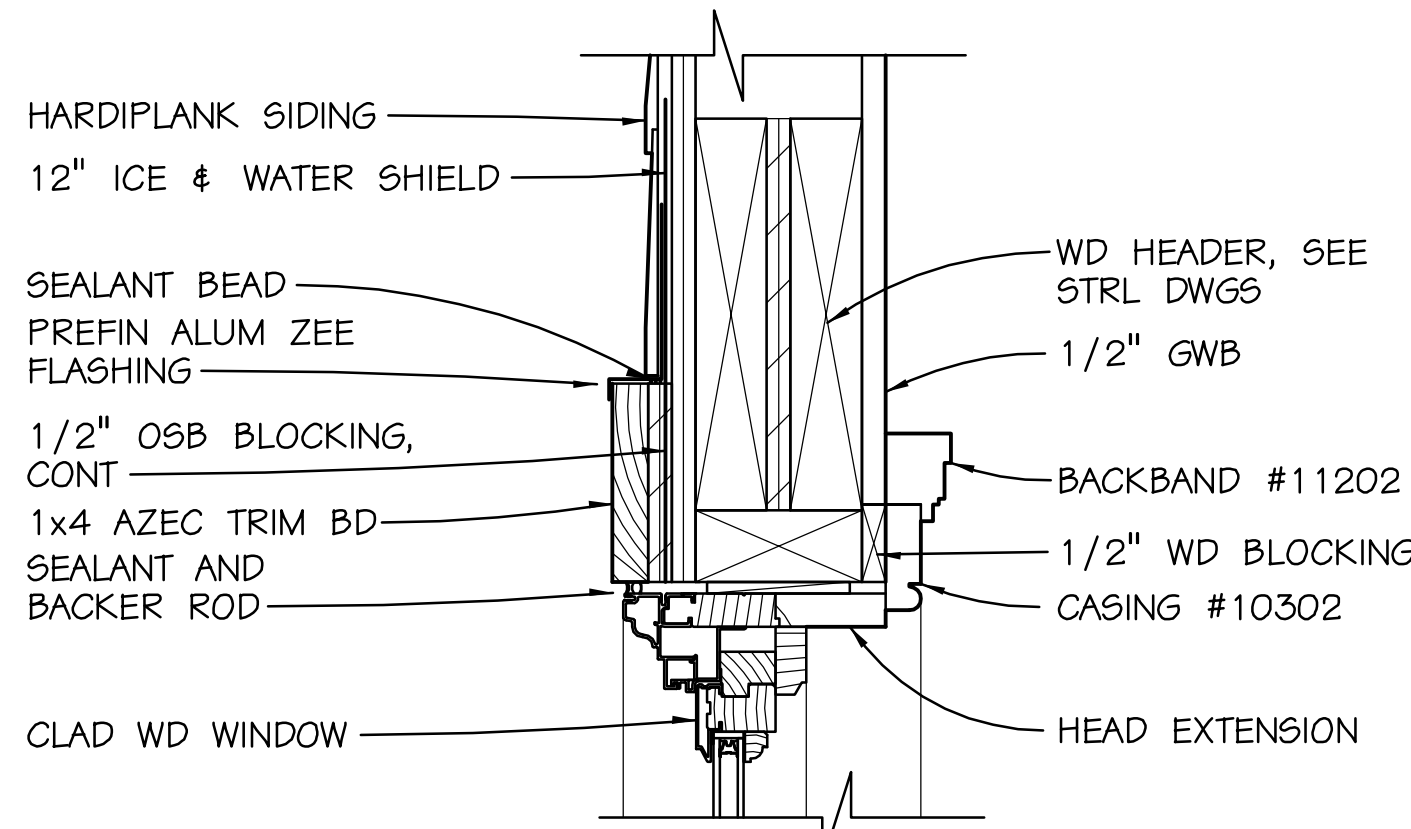
HEAD



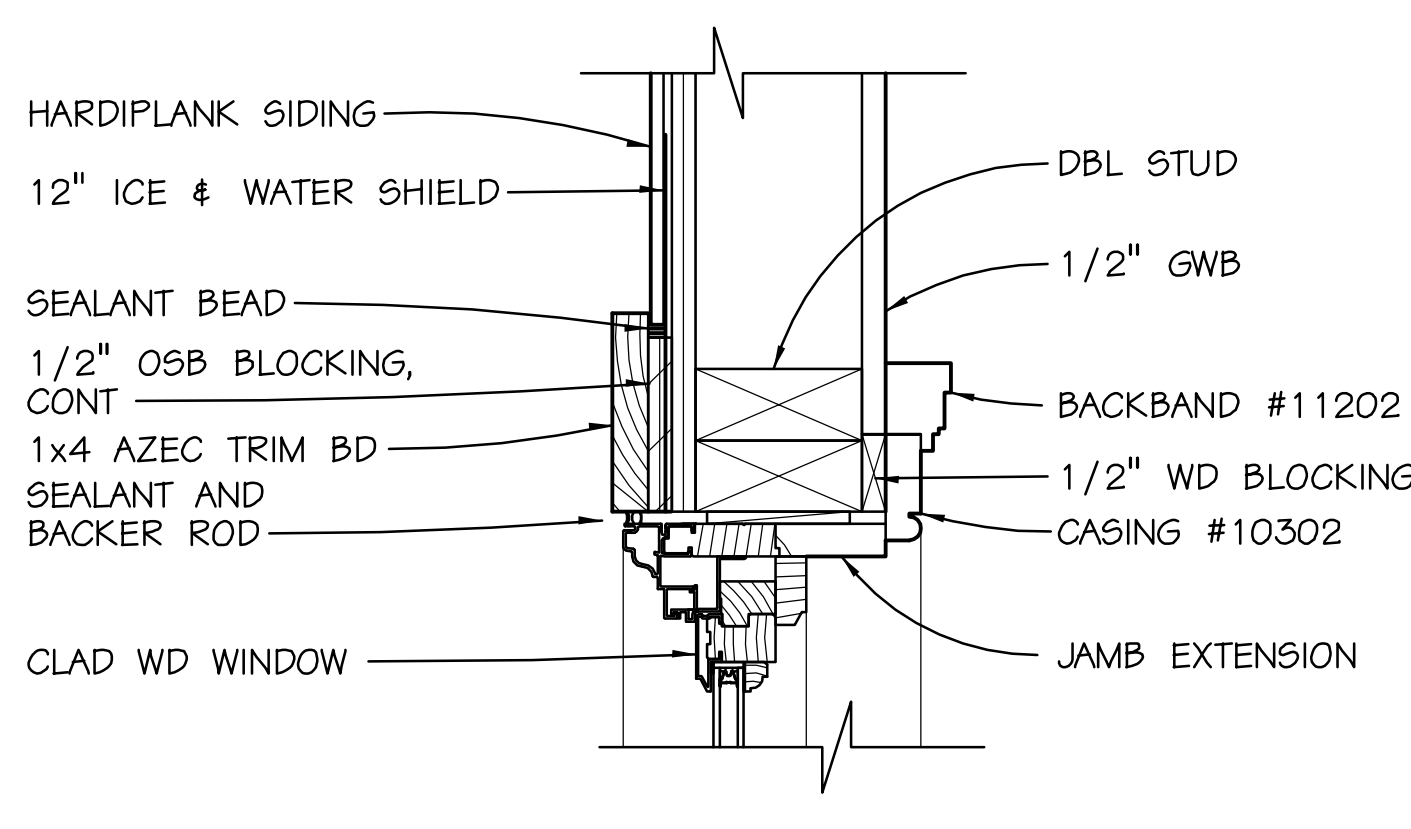
JAMB



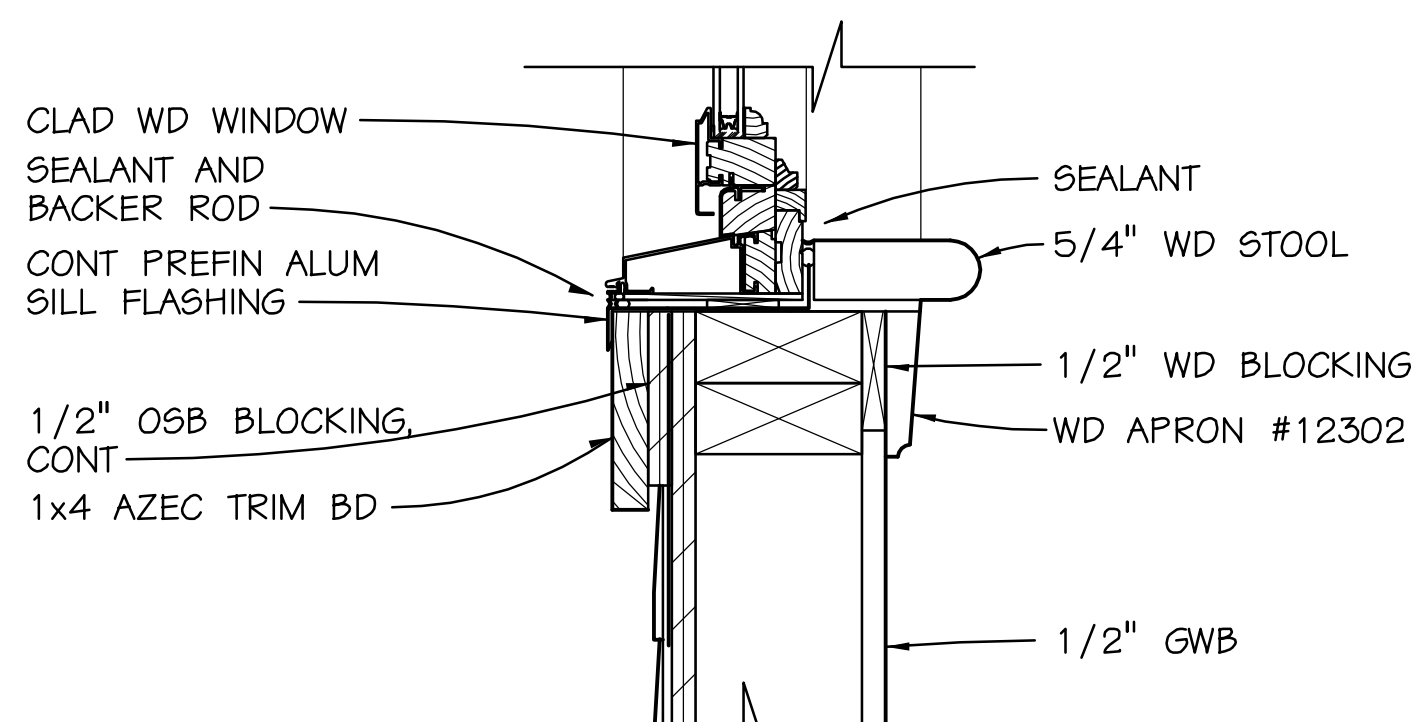
SILL



HEAD



JAMB



SILL

FINISH SCHEDULE						
ROOM NAME	FLOOR	BASE	WALL	CEILING	CLNG	HEIGHT
FOYER	WD	WD	GW	GW	11'-0"	1,2
DINING ROOM	WD	WD	GW	WD	11'-0"	1,2
PARLOR	TILE	WD	GW	GW	11'-0"	1,2
LIVING ROOM	TILE	WD	GW	GW	11'-0"	1,3
KITCHEN	TILE	WD	GW	GW	11'-0"	1,2
BREAKFAST	WD	WD	GW	GW	11'-0"	1,2
REAR PORCH	WD	WD	GW	GW	11'-0"	1,2
HALL #1	WD	WD	GW	GW	11'-0"	1,2
MASTER BEDROOM	WD	WD	GW	GW	11'-0"	1,2
MASTER BATH	WD	WD	GW	GW	11'-0"	1,2
WALK IN CLOSET	WD	WD	GW	GW	11'-0"	1,2
LAUNDRY	TILE	WD	GW	GW	11'-0"	1,2
UTILITY ROOM	TILE	WD	GW	GW	11'-0"	1,2
GARAGE	TILE	WD	GW	GW	11'-0"	1,2
HALL #2	WD	WD	GW	GW	11'-0"	1,2
BEDROOM #2	WD	WD	GW	GW	11'-0"	1,2
BATH #2	WD	WD	GW	GW	11'-0"	1,2
BEDROOM #3	WD	WD	GW	GW	11'-0"	1,2
BATH #3	TILE	WD	GW	GW	11'-0"	1,2
STAIR TO SECOND FLOOR	WD	WD	GW	GW	VARIES	1,2
LIVING ROOM #2	WD	WD	GW	GW	10'-0"	1,2
BEDROOM #4	WD	WD	GW	GW	10'-0"	1,2
BATH #4	TILE	WD	GW	GW	10'-0"	1,3

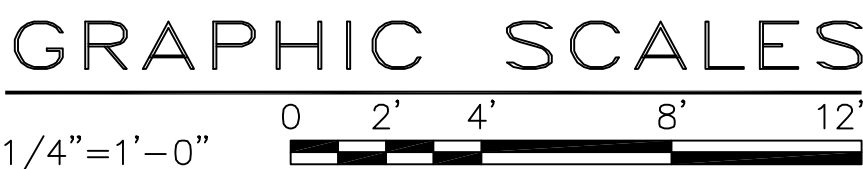
- NOTES
1. PROVIDE STANDARD: 6" BASE, 4" DOOR AND WINDOW CASING, 5" WINDOW STOOL WITH 4" APRON
 2. PROVIDE SHOE MOLD
 3. PROVIDE PORCELAIN TILE TO MIN 4'-0" AFF TYPICAL AND TO 6'-0" AT ALL WALLS OF THE SHOWER OR TUB
 4. PROVIDE 5/8" TYPE "X" GWB WALLS AND CEILING THIS SPACE
 5. PROVIDE BROOM FINISH CONCRETE SLAB

DOOR SCHEDULE					
NO.	SIZE	MATERIAL	FIRE RATING	HARDWARE	NOTE
101	PR 3'-0"x6'-0"	INSUL METAL	---	ENTRY	1,2,5
102	3'-0"x6'-8"	SC WD	---	PRIVACY	1,4
103	PR 2'-0"x6'-0"	SC WD	---	PASSAGE	1
104	PR 2'-0"x6'-0"	SC WD	---	PASSAGE	1
105	2'-8"x6'-8"	SC WD	---	PRIVACY	1,4
106	2'-0"x6'-8"	SC WD	---	PASSAGE	1
107	3'-0"x6'-8"	SC WD	---	PRIVACY	1,4
108	2'-8"x6'-8"	SC WD	---	PRIVACY	1,4
109	2'-0"x6'-8"	SC WD	---	PASSAGE	1
110	PR 2'-0"x6'-8"	WD FULL LITE	---	ENTRY	1,2,4
111	PR 2'-0"x6'-8"	WD FULL LITE	---	ENTRY	1,2,4
112	2'-8"x6'-0"	INSUL METAL	---	ENTRY	1,2
113	2'-8"x6'-8"	INSUL METAL	---	ENTRY	1,2,5,6
114	2'-8"x6'-8"	SC WD	---	PRIVACY	1,4
115	2'-8"x6'-8"	SC WD	---	PRIVACY	1,4
116	2'-8"x6'-8"	SC WD POCKET	---	PASSAGE	1
117	2'-8"x6'-8"	SC WD POCKET	---	PASSAGE	1
118	3'-0"x6'-8"	SC WD	---	PRIVACY	1,4
119	2'-8"x6'-8"	SC WD POCKET	---	PASSAGE	1
120	PR 2'-0"x6'-8"	SC WD	---	PASSAGE	1
121	2'-8"x6'-8"	SC WD	---	PASSAGE	1
122	2'-8"x6'-8"	SC WD	---	PRIVACY	1,4
123	2'-8"x6'-8"	SC WD	---	PASSAGE	1,4
124	2'-8"x6'-8"	SC WD	---	PASSAGE	1
125	2'-8"x6'-0"	SC WD	---	PASSAGE	1
126	2'-8"x6'-8"	INSUL METAL	20	ENTRY	1,2
127	2'-8"x6'-8"	INSUL METAL	---	PASSAGE	1
128	2'-8"x6'-8"	INSUL METAL	---	ENTRY	1,2
129	9'-0"x9'-0"	OVERHEAD SECTIONAL	---	ENTRY	1,2,5
130	9'-0"x9'-0"	OVERHEAD SECTIONAL	---	ENTRY	1,2,5
201	2'-8"x6'-8"	INSUL METAL	---	PASSAGE	1,2
202	2'-8"x6'-8"	SC WD	---	PRIVACY	1
203	2'-8"x6'-8"	SC WD	---	PRIVACY	1
204	2'-0"x6'-8"	SC WD	---	PASSAGE	1
205	2'-8"x6'-8"	SC WD	---	PRIVACY	1
206	PR 2'-8"x6'-8"	SC WD	---	PASSAGE	1

- NOTES
1. ALL DOORS ARE 6 PANEL AS SELECTED BY OWNER
 2. DOORS SHALL HAVE A MINIMUM U VALUE OF .35
 3. GARAGE DOOR SHALL BE SERIES 180 BY OVERHEAD DOOR COMPANY PROVIDE H52 REINFORCING AND TWO VERTICAL POSTS AND A DESIGN PRESSURE OF +25.2 PSF AND -27.3 PSF
 4. PROVIDE 16" TRANSOM
 5. PROVIDE ARCHED TOP
 6. PROVIDE 2'-8" SIDELITE

WINDOW SCHEDULE			
WDW MARK	MANUF ANDERSEN 400	WDW TYPE	NOTES
A	2874/4074/2874	DOUBLE HUNG	1,2,3,4,5
B	2874/4074/2874	DOUBLE HUNG	1,2,3,4,5
C	TWIN 3074	DOUBLE HUNG	1,2,3,4
D	3048	DOUBLE HUNG	1,2,3,4
E	3074	DOUBLE HUNG	1,2,3,4
F	2864/4064/2864	DH / FIXED / DH	1,2,3,4
G	2864	DOUBLE HUNG	1,2,3,4
H	TWIN 6074	FIXED	1,2,3,4,6
J	3060	DOUBLE HUNG	1,2,3,4
K	3060	DOUBLE HUNG	1,2,3,4,6

- NOTES
1. PROVIDE MIN 12" ICE & WATER SHIELD OVER NAILING FIN AND UNDER 15# FELTS
 2. PROVIDE 5/4" BULLNOSE WD STOOL WITH 4" APRON
 3. WINDOW HEAD AT 96" AFF, TYP
 4. WINDOWS SHALL HAVE A MINIMUM U VALUE OF .35 AND A DESIGN PRESSURE OF +25.2 PSF AND -27.3 PSF
 5. PROVIDE CUSTOM TRANSOM, SEE EXTERIOR ELEVATIONS SHEET A-2.I
 6. MARVIN ULTIMATE PICTURE NARROW FRAME



PROJ MGR	DESIGNED	DRAWN	CHECKED
SRL	SRL	SRL	SRL
DATE			
REVISION			
SYMBOL			
PROJECT NO	21081	DATE	22 JAN 2022

THE JONES RESIDENCE

LOT B-1 / HEAD RIVER RD

VIRGINIA BEACH, VIRGINIA

SHEET TITLE

DOOR, WINDOW AND FINISH SCHEDULE / TYPICAL WINDOW DETAILS

LEMOLÉ ARCHITECTS

2869 PRODUCTION

SUITE 102

VIRGINIA BEACH, VIRGINIA 23454

757-228-2620

SRL@LEMOLÉARCHITECTS.COM

SHEET NUMBER

A-1.4

XX OF XX

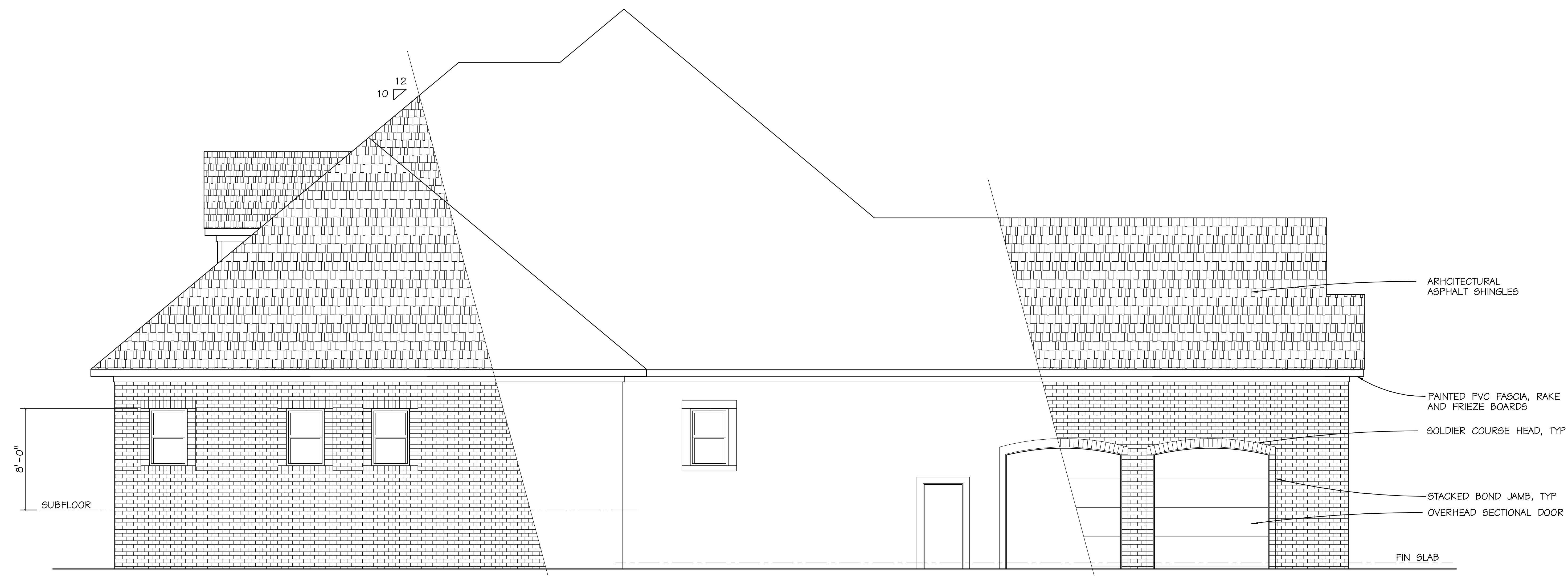
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DATE							
REVISION							
SYMBOL							
PROJECT NO.	21081	DATE	22 JAN 2022				

THE JONES RESIDENCE	VIRGINIA BEACH, VIRGINIA
LOT B-1 / HEAD RIVER RD	EXTERIOR ELEVATIONS
SHEET TITLE	

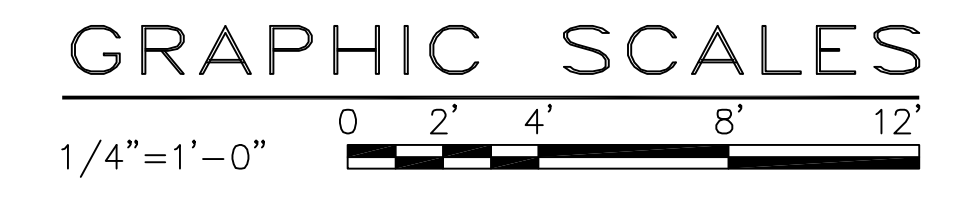
LEMOLE ARCHITECTS
2869 PRODUCTION
SUITE 102
VIRGINIA BEACH, VIRGINIA 23454
757-228-2620
SR@LEMOLEARCHITECTS.COM

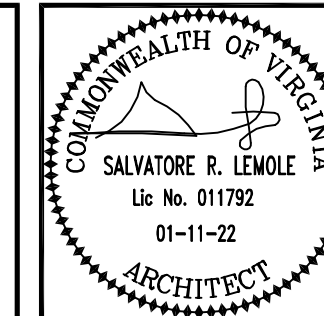


A EXTERIOR ELEVATION
1/4" = 1'-0"



B EXTERIOR ELEVATION
1/4" = 1'-0"



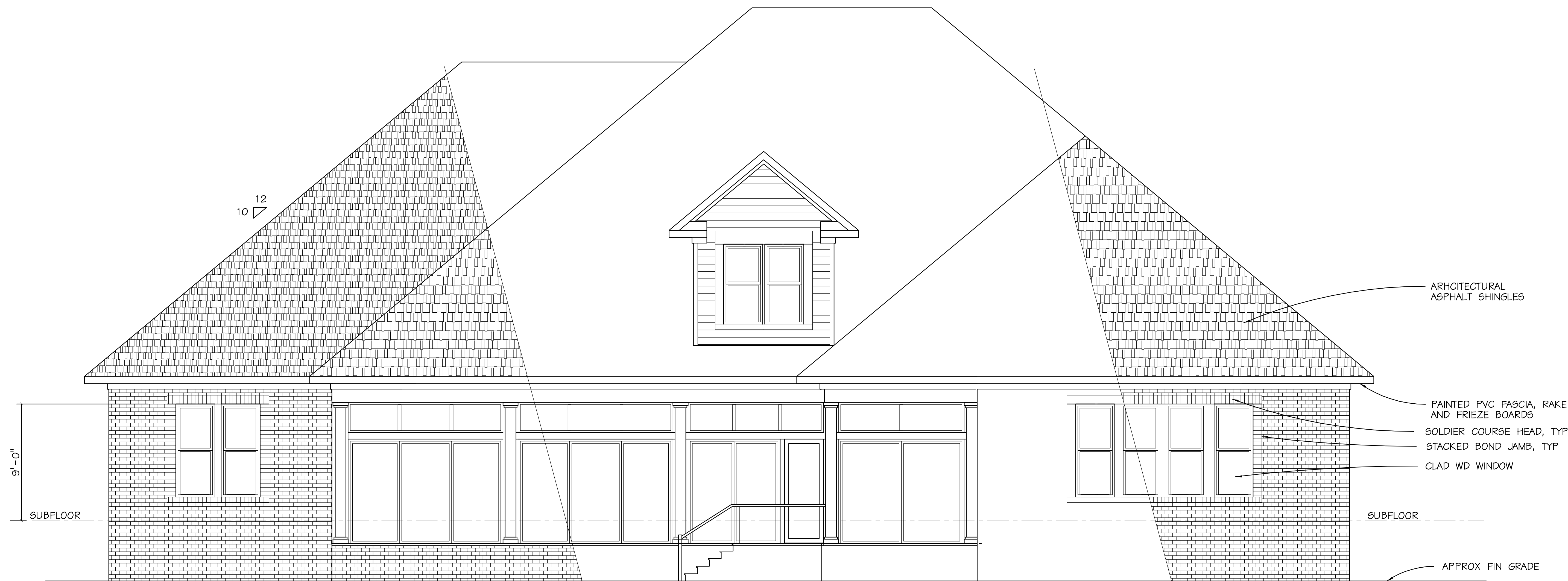


PROJ MGR	SRL	SRL	SRL	SRL
DESIGNED				
DRAWN				
CHECKED				
DATE	REVISION	SYMBOL	PROJECT NO	DATE
			21081	22 JAN 2022

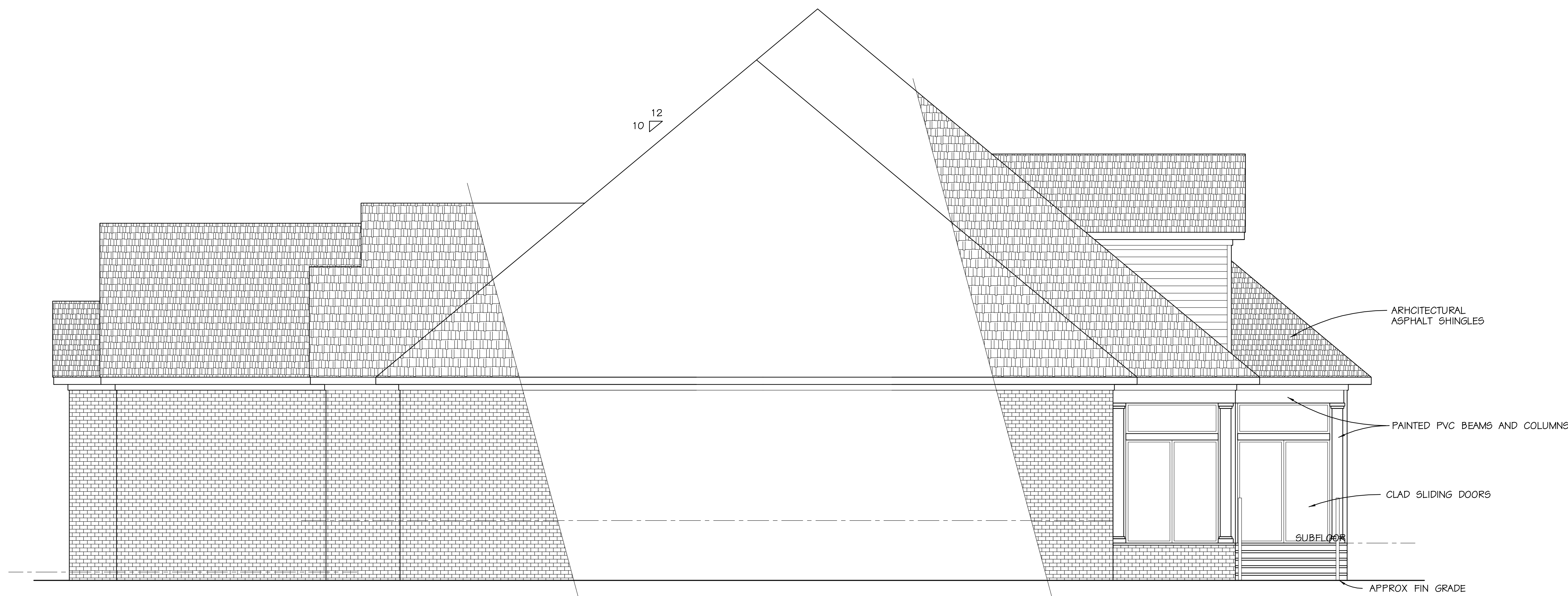
THE JONES RESIDENCE	VIRGINIA BEACH, VIRGINIA
LOT B-1 / HEAD RIVER RD	EXTERIOR ELEVATIONS
SHEET TITLE	

LEMOLÉ ARCHITECTS
2869 PRODUCTION
SUITE 102
VIRGINIA BEACH, VIRGINIA 23454
757-228-2620
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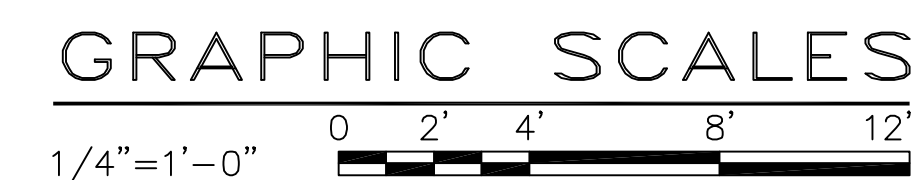
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A-2.2
XX OF XX

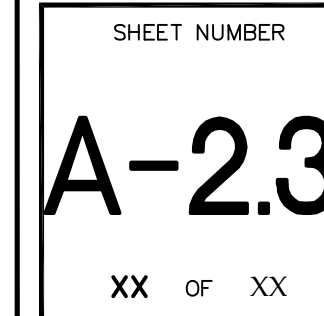


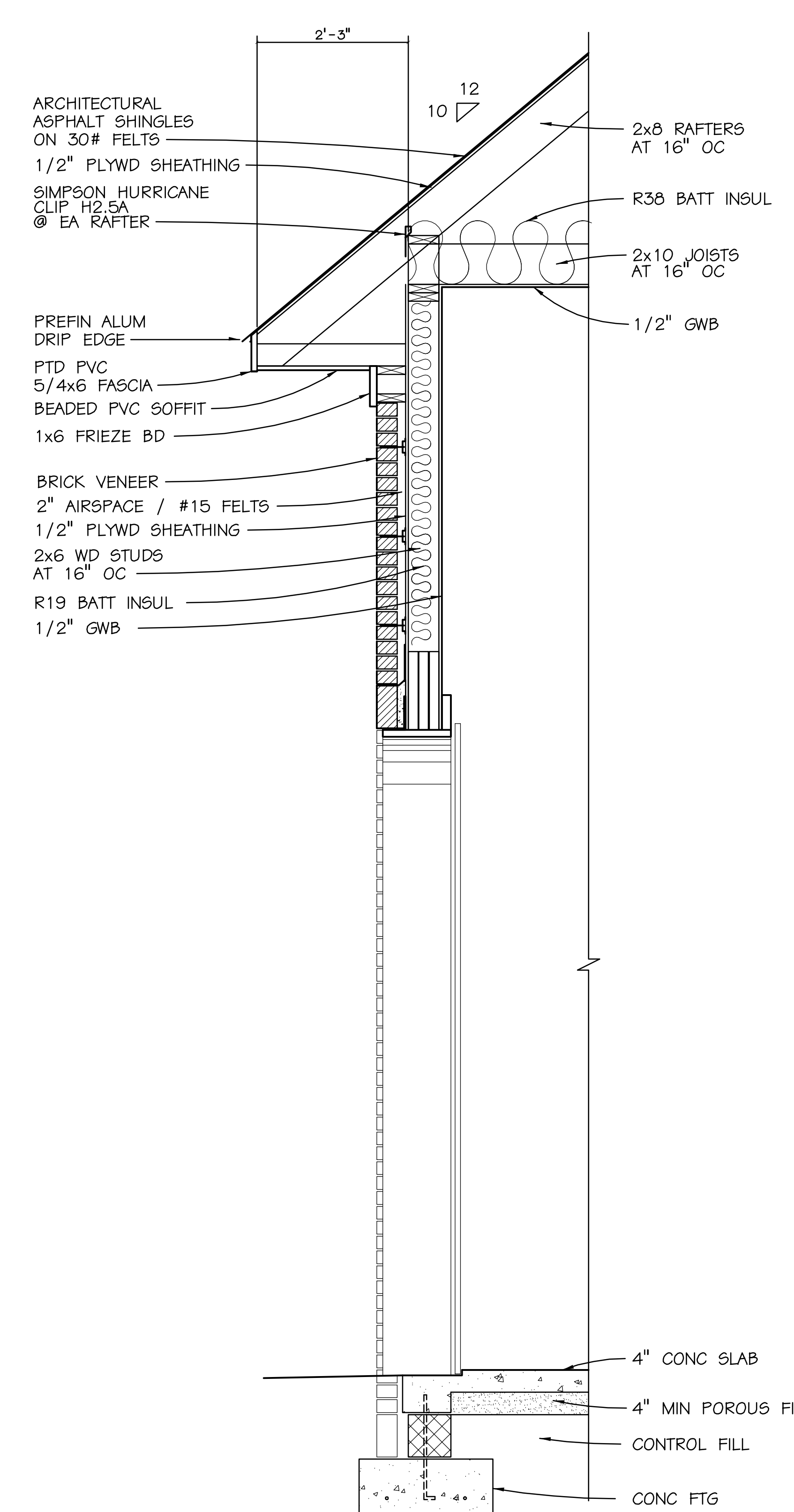
A EXTERIOR ELEVATION
1/4" = 1'-0"



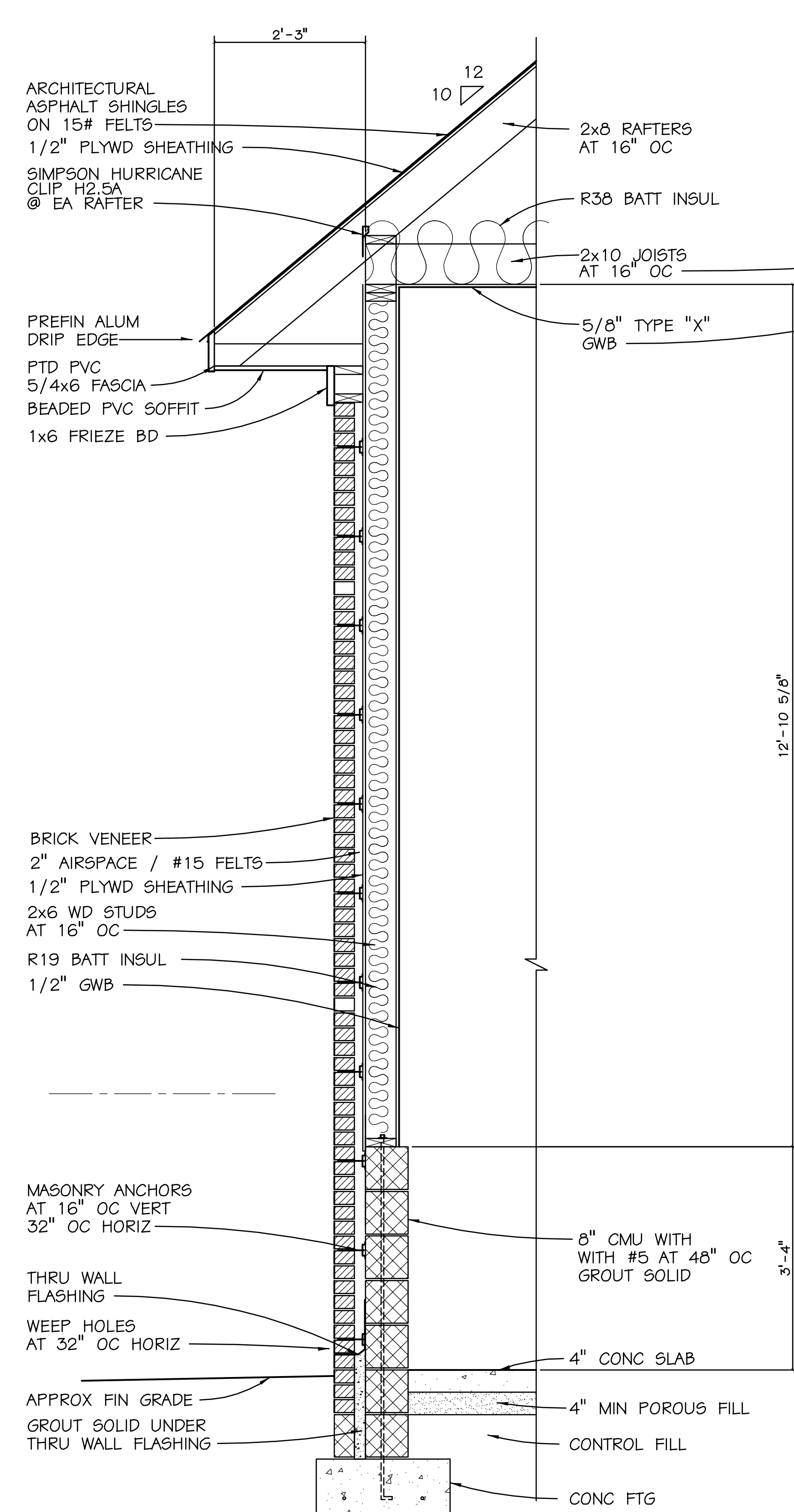
B EXTERIOR ELEVATION
1/4" = 1'-0"



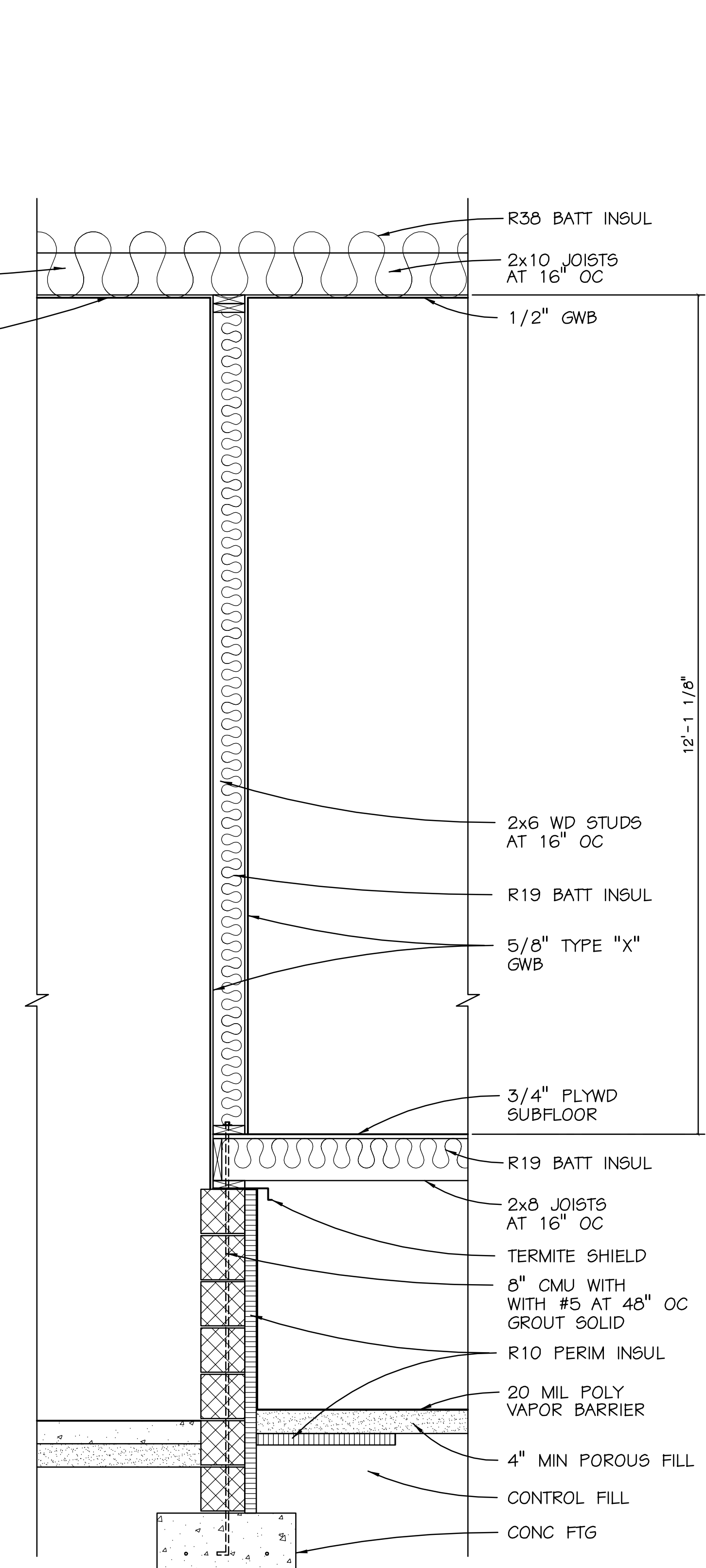




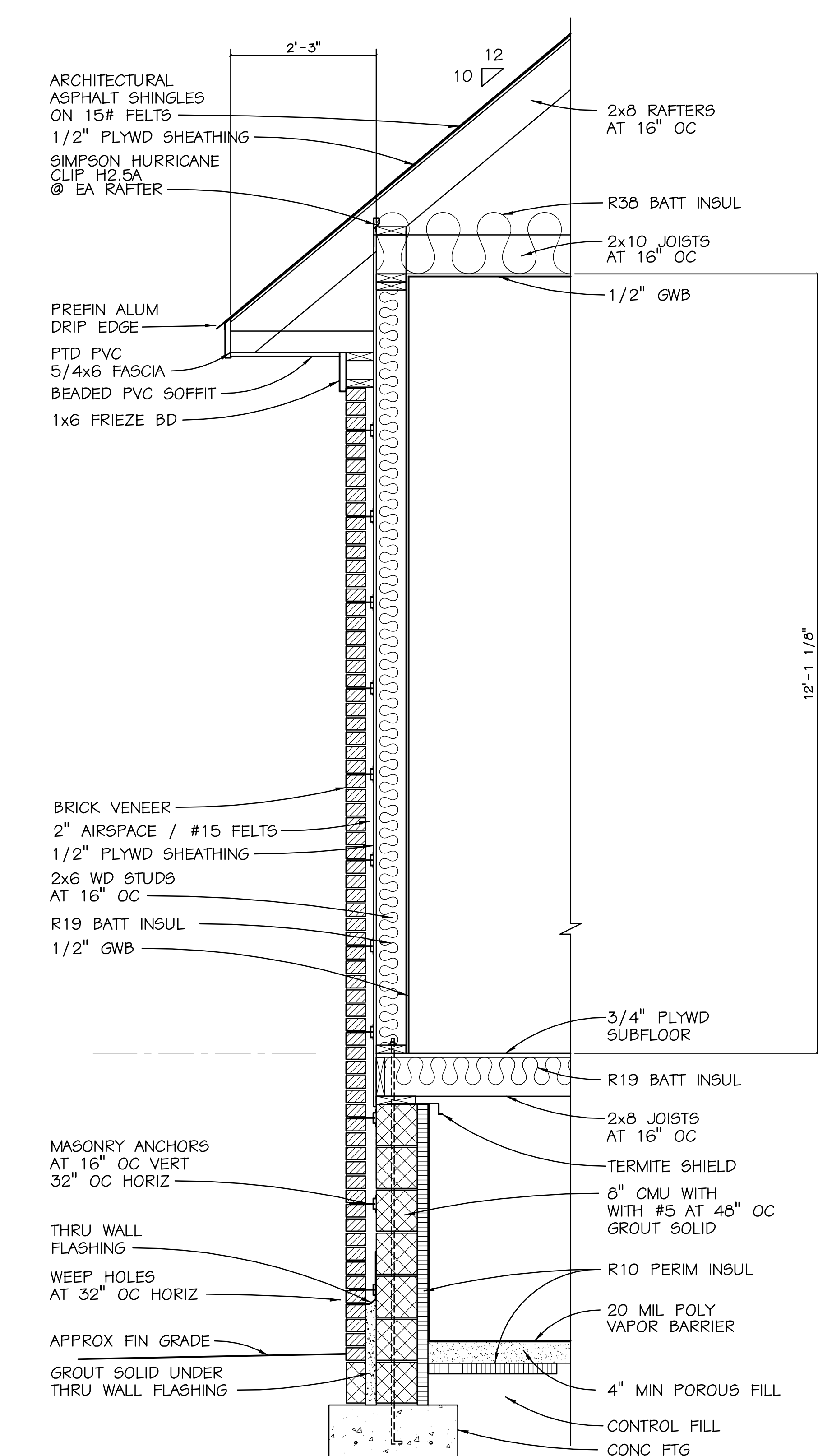
1 WALL SECTION
3/4" = 1'-0"



2 WALL SECTION
3/4" = 1'-0"

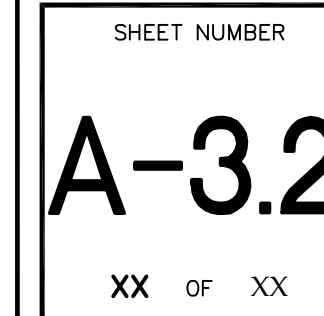


3 WALL SECTION
3/4" = 1'-0"



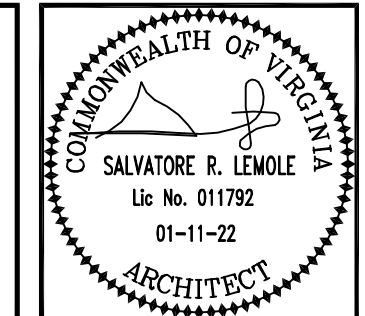
4 WALL SECTION
3/4" = 1'-0"





1 WALL SECTION
 A1.1/A3.2 3/4" = 1'-0"

2 WALL SECTION
3/4" = 1'-0"



PROJECT NO.	DATE	PROJECT NO.	DATE	PROJECT NO.	DATE
21081	22 JAN 2022	21081	22 JAN 2022	21081	22 JAN 2022

PROJ. MGR.	DESIGNED	DRAWN	CHECKED
SRL	SRL	SRL	SRL

SYMBOL	REVISION

THE JONES RESIDENCE

VIRGINIA BEACH, VIRGINIA

LOT B-1 / HEAD RIVER RD

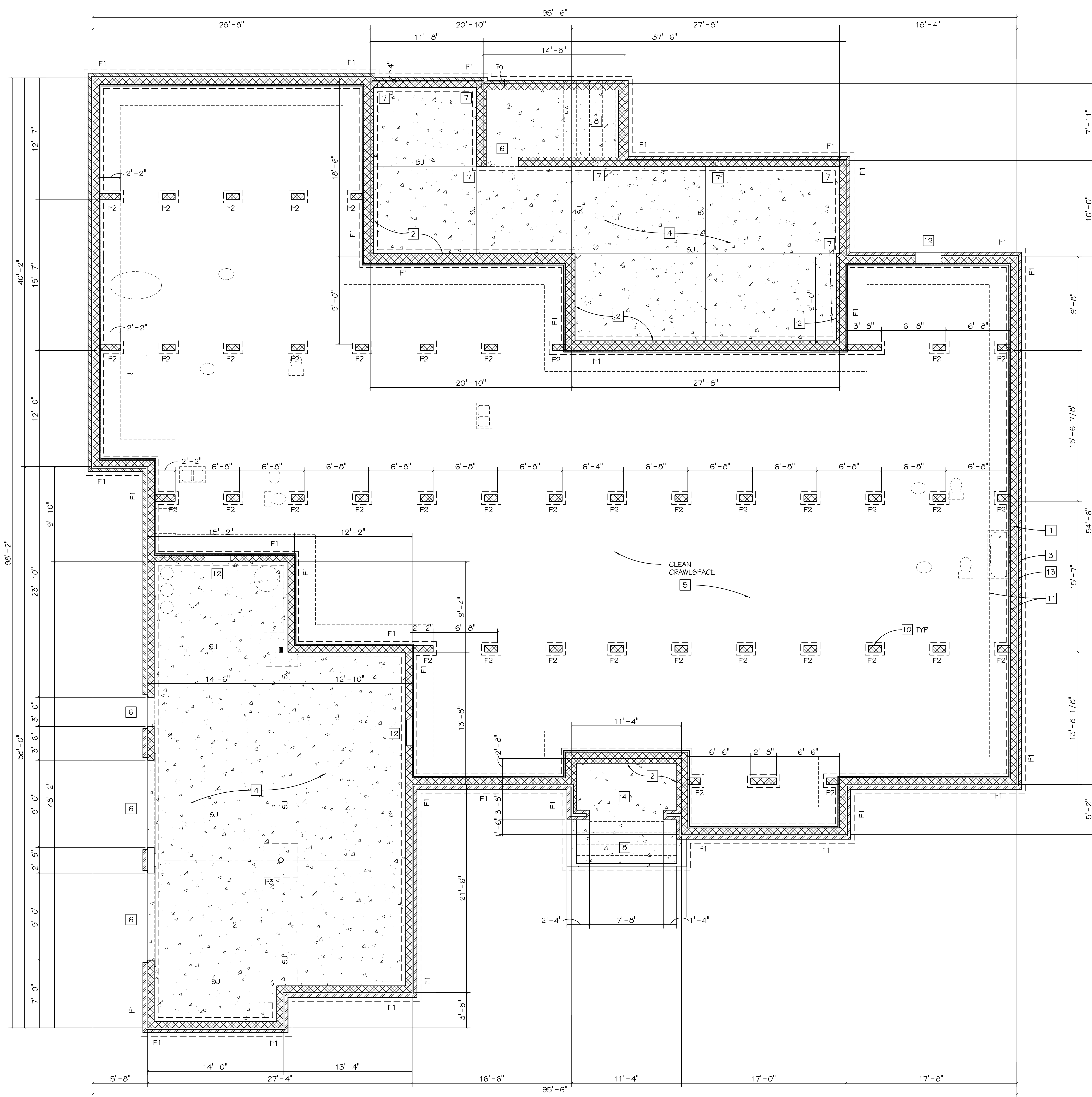
FOUNDATION PLAN

LEMOILE ARCHITECTS
2869 PRODUCTION
SUITE 102
VIRGINIA BEACH, VIRGINIA 23454
757-228-2620
SR@LEMOILEARCHITECTS.COM

SHEET NUMBER

F-1.1

XX OF XX



FOUNDATION GENERAL NOTES

- ALL FOOTINGS SHALL BEAR ON SUITABLE UNDISTURBED SOIL OR COMPACTED FILL WITH A MINIMUM BEARING CAPACITY OF 1500 PSI
- FOOTING SHALL EXTEND A MINIMUM OF 12" INTO UNDISTURBED SOIL OR COMPACTED FILL. ALL BOTTOMS OF FOOTING ELEVATIONS SHALL BE A MINIMUM OF 16" BELOW FINISH GRADE
- ALL EARTH FORMED FOOTINGS SHALL CONFORM TO THE SHAPES, LINES, AND DIMENSIONS OF THE FOOTING DETAILS AS INDICATED ON THE PLANS AND DETAILS.
- CONCRETE FOR FOOTINGS SHALL OBTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
- CONCRETE FOR SLABS SHALL OBTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS
- CONTROLLED FILL PLACED UNDER SLABS AND FOOTINGS SHALL BE PLACED IN MAXIMUM LOOSE 8" LIFTS AND COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557
- CONCRETE FLOOR SLABS SHALL CONSIST OF A 4" CONCRETE SLAB ON A 10 MIL POLY VAPOR BARRIER WITH JOINTS LAPPED NOT LESS THAN 6" ON MINIMUM 4" COMPACTED POROUS FILL. SLAB SHALL BE REINFORCED WITH 6x6 W2.0xW2.0 WNF CENTERED IN THE SLAB. LAP SHEETS 6" MIN
- POROUS FILL MATERIAL SHALL BE SELECT SANDY MATERIAL FREE FROM ALL ORGANIC OR OTHER DELETERIOUS MATERIAL NOT MORE THAN 30% BY WEIGHT PASSING A NO. 20 SIEVE
- PROVIDE TERMITE TREATMENT UNDER ALL CONCRETE SLABS
- PROVIDE #5 REINTEGRANT STEEL @ EACH OPENING

NOTES THIS SHEET

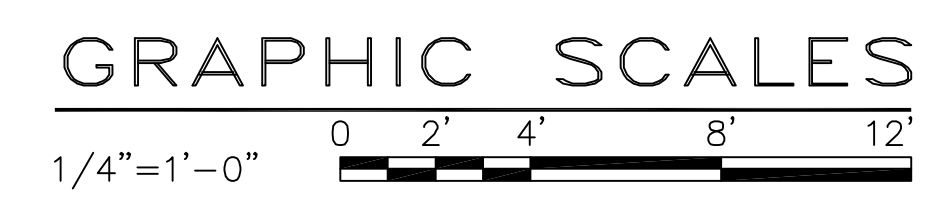
- 8" CMU WITH #5 AT 48" OC, GROUT SOLID
- 4" CMU, GROUT SOLID
- BRICK VENEER
- 4" STEEL TROWEL CONC SLAB ON 4" POROUS FILL ON CONTROL FILL
- 20 MIL POLY VAPOR BARRIER ON 4" MIN POROUS FILL ON CONTROL FILL
- TURN DN SLAB 8" AT OPENINGS
- TRTD 6x6 POST WITH SIMPSON ABW80Z BASE
- STONE TREADS AND RISERS ON CONT CMU BASE
- GROUT CMU SOLID UNDER NOTED POINT LOAD
- 8"x16" CMU PIER, GROUT SOLID
- R10 PERIM INSULATION
- 32" W x 3'-4" H ACCESS DOOR
- 2" AIRSPACE

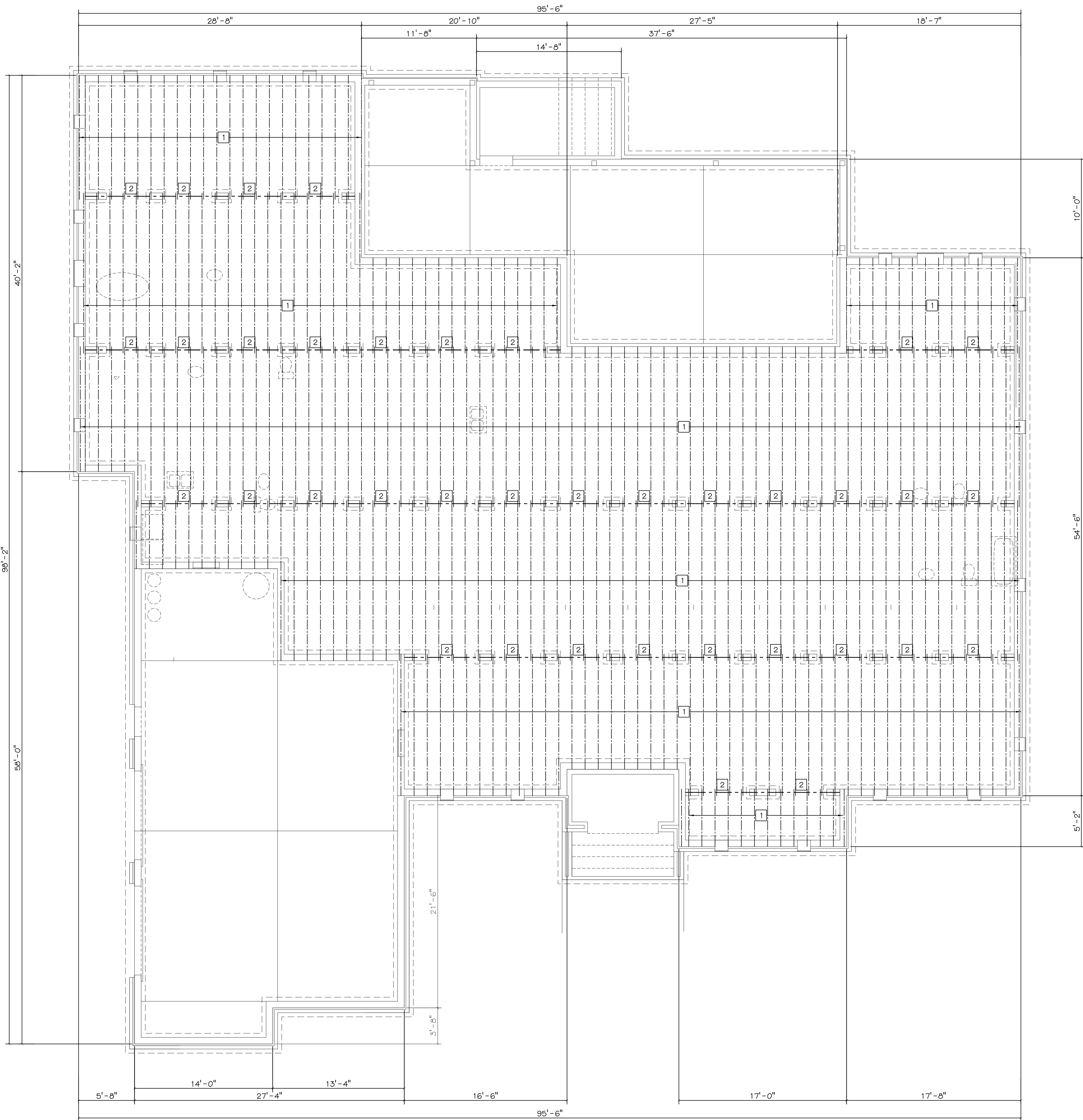
FOOTING SCHEDULE

MARK	SIZE	REINF
F1	20"x10"x CONT	2#5 CONT
F2	24"x32"x10"	
F3	48"x48"x10"	

FOUNDATION PLAN

1/4" = 1'-0"





GENERAL NOTES

- UNLESS NOTED OTHERWISE ALL FRAMING LUMBER SHALL BE #2 SPF OR BETTER
- PROVIDE DOUBLE FLOOR JOISTS UNDER ALL PARTITION WALLS UNLESS NOTED OTHERWISE
- ALL EXTERIOR WALLS ARE DIMENSIONED TO THE FACE OF STUD EQUALS FACE OF CMU FOUNDATION WALL
- UNLESS NOTED OTHERWISE PROVIDE THE FOLLOWING HEADERS:
 - LOAD BEARING AND LESS THAN OR EQUAL TO 3'-0": 2-2x8
 - LOAD BEARING AND GREATER THAN 3'-0": 2-2x12 WITH 1/2 PLYWD FLITCH PLATE
 - NON-LOAD BEARING AND LESS THAN OR EQUAL TO 3'-0": 2-2x8
 - NON-LOAD BEARING AND GREATER THAN 3'-0": 2-2x12 WITH 1/2" PLYWD FLITCH PLATE
- AT ALL EXTERIOR OPENING PROVIDE HEADERS WITH 1/2" PLYWD FLITCH PLATES AS NOTED ON THE THE FRAMING PLANS
- PROVIDE ONE ROW OF SOLID CROSS BRIDGING ON ALL JOIST SPANS OVER 8'-0" AND TWO ROWS OF SOLID CROSS BRIDGING ON ALL JOIST SPANS OVER 16'-0"
- ANY HIP OR VALLEY RAFTERS OVER 28'-0" SPAN SHALL BE LAMINATED VENEER LUMBER
- ALL MATERIALS, SUPPLIES AND EQUIPMENT SHALL BE INSTALLED PER THE MANUFACTURERS SPECIFICATIONS AND LOCAL CODES
- PROVIDE 1/2" WATER RESISTANT GYPSUM DRYWALL IN BATHROOMS AND 1/2" CEMENT BD AROUND TUBS AND SHOWERS TO MIN 72" AFF
- PROVIDE SHOP DRAWINGS, TO INCLUDE LOAD CALCULATIONS FOR ALL ENGINEERED LUMBER, FLOOR OR ROOF TRUSSES.
- MINIMUM BEAM, HEADER, JOIST OR RAFTER BEARING SHALL BE 1 1/2" MIN AND 3" MIN AT MASONRY
- UNDER NO CIRCUMSTANCES SHALL THE CONTRACT DRAWINGS BE REPRODUCED AND USED AS SHOP DRAWINGS.
- DESIGN LOADS ARE AS FOLLOWS:

ROOF DEAD LOAD	10 PSF
ROOF LIVE LOAD	20 PSF
CEILING LOAD	20 PSF
FLOOR LOAD SLEEPING	30 PSF
FLOOR LOAD LIVING	40 PSF
FLOOR DEAD LOAD	15 PSF
SLAB ON GRADE	100 PSF
GROUND SNOW LOAD	15 PSF
WIND LOAD	120 MPH, EXP C

(VRC 2018 VIRGINIA RESIDENTIAL CONSTRUCTION CODE)
- PROVIDE FIRE BLOCKING AT ALL TOP PLATE PENETRATIONS, AT OPENINGS AROUND VENTS, PIPES AND DUCTS AT CEILINGS AND FLOORS, AT 10'-0" HORIZ IN SOFFITS AND AS REQUIRED
- ALL FASTENERS / ANCHORS IN CONTACT WITH TREATED LUMBER, CONCRETE OR CMU SHALL BE STAINLESS STEEL (SS) OR HOT DIP GALVANIZED
- ALL LUMBER IN CONTACT WITH CONCRETE OF CONCRETE MASONRY UNITS SHALL BE PRESERVATIVE TREATED LUMBER

FIRST FLOOR FRAMING PLAN

1/4" = 1'-0"

NOTES THIS SHEET

- 2x8 JOISTS AT 16" OC
- (3) 2x8 TRTD GIRDER
- DOUBLE JOIST

GRAPHIC SCALES

1/4"=1'-0" 0 2' 4' 8' 12'



PROJ MGR	SRL	DESIGNED	SRL	DRAWN	SRL	CHECKED	SRL
DATE							
REVISION							
SYMBOL							
PROJECT NO	21081	DATE	22 JAN 2022				

THE JONES RESIDENCE
VIRGINIA BEACH, VIRGINIA
LOT B-1 / HEAD RIVER RD
SHEET TITLE
FIRST FLOOR FRAMING PLAN

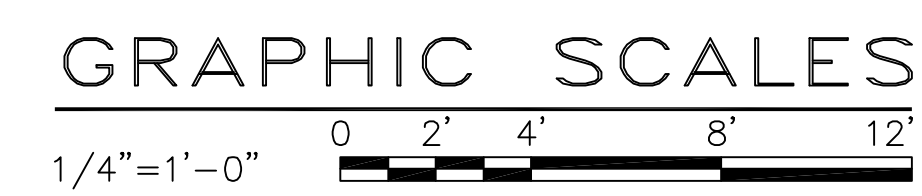
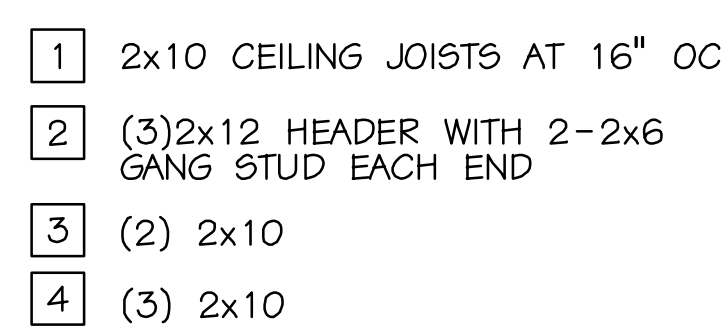
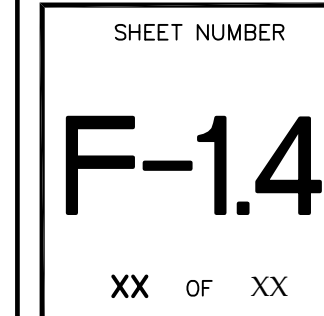
LEMOLÉ ARCHITECTS
2869 PRODUCTION
SUITE 102
VIRGINIA BEACH, VIRGINIA 23454
757-228-2620
SR@LEMOLÉARCHITECTS.COM

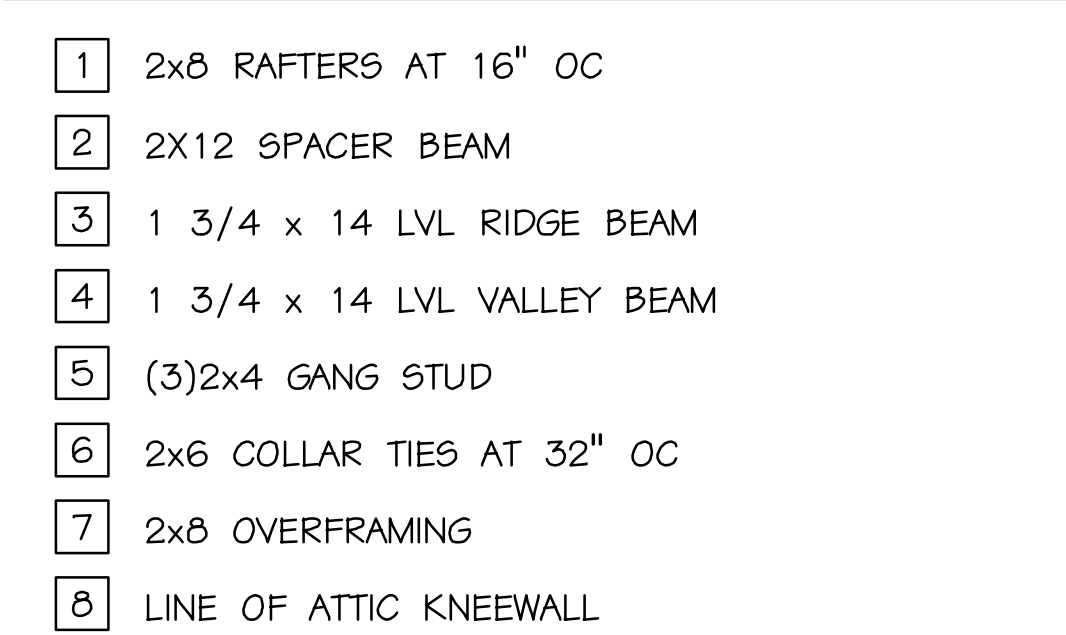
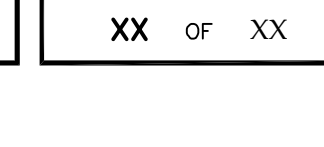
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XX OF XX





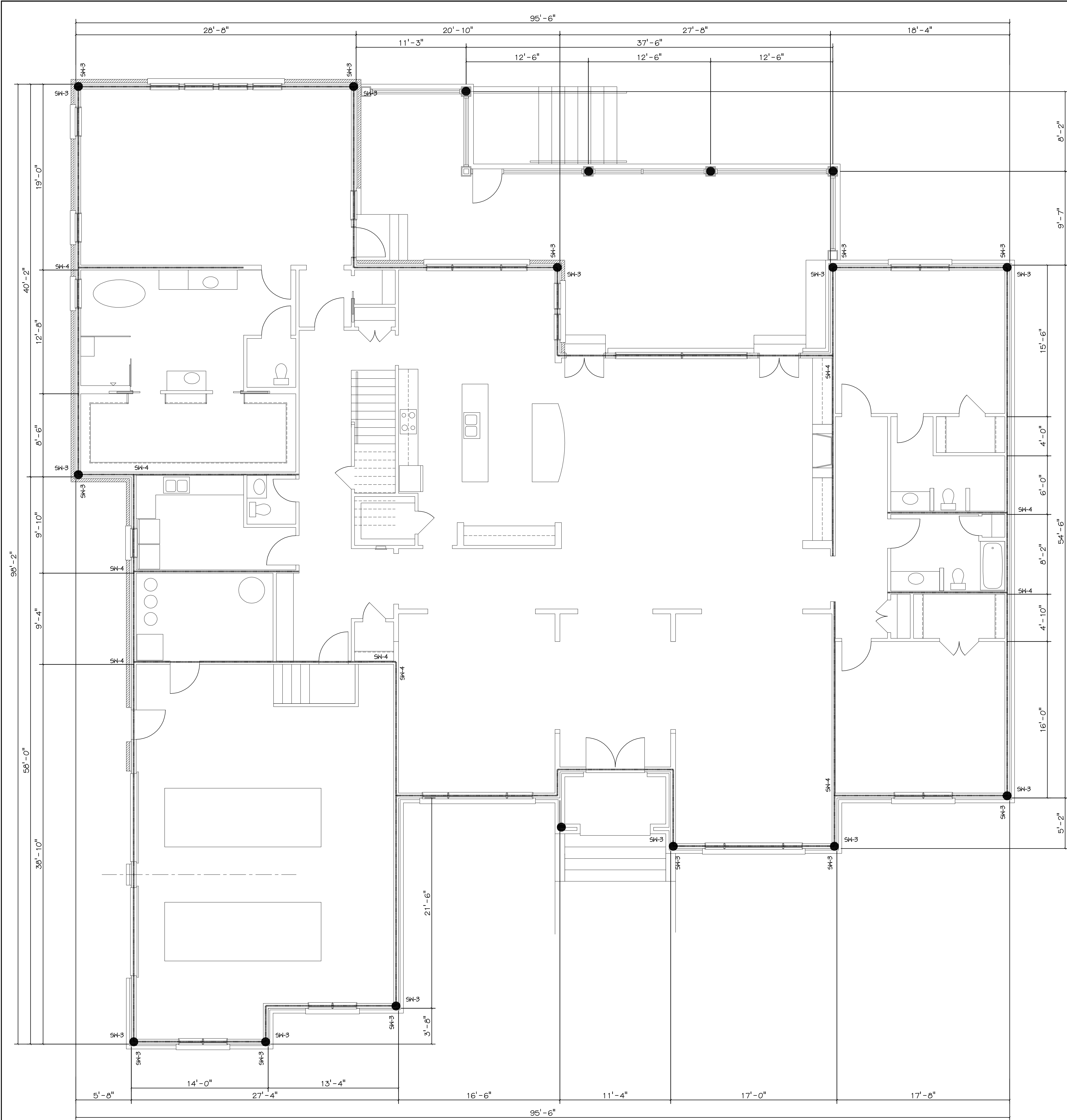


GRAPHIC SCALES

1/4"=1'-0"



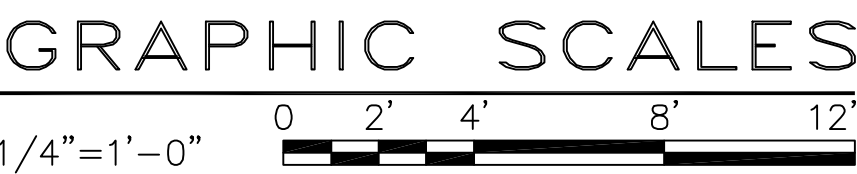
A horizontal graphic scale bar with alternating black and white segments. Above the bar, the increments 0, 2', 4', 8', and 12' are marked. The bar is divided into four equal segments, each representing 3 feet.



SHEARWALL SCHEDULE									
MARK	SHEATHING PANEL TYPE(S)	BLOCKED PANEL EDGES	FASTENERS AT PANEL EDGES	CHORD STUDS (MINIMUM NUMBER AND SIZE)	HOLD DOWN (SEE NOTES 4 AND 5)		SHEAR ANCHORS		REMARKS
					TYPE	MIN. ANCHOR ROD EMB.	TYPE	MIN. EMB.	
SW-1	7/16" APA RATED SHEATHING —OR— SIMPSON CMSTC-16 STRAP	YES YES	8d AT 4' O.C. 8d AT 4' O.C.	3 - 2x4	HDU5 OR MSTC66	5/8" DIA (7" EMB.)	16d NAILS AT 4' O.C.	1"	CONT.
SW-2	7/16" APA RATED SHEATHING DS —OR— SIMPSON CMSTC-16 STRAP DS	YES YES	8d AT 4' O.C. 8d AT 4' O.C.	4 - 2x4	HDU8 OR CMST12	7/8" DIA (10" EMB.)	16d NAILS AT 2' O.C.	1"	CONT.
SW-3	7/16" APA RATED SHEATHING	YES	8d AT 4' O.C.	3 - 2x4	HDU4 OR MSTC52	5/8" DIA (7" EMB.)	16d NAILS AT 8' O.C.		Perforated
SW-4	5/8" 6MB, DS	YES	6d AT 7' O.C. COOLER NAILS	2 - 2x4	HDU2 OR MSTC40	5/8" DIA (7" EMB.)	16d NAILS AT 8' O.C.	1"	CONT.
SW-5	5/8" 6MB, SS	YES	6d AT 4' O.C. COOLER NAILS	2 - 2x4	HDU2 OR MSTC40	5/8" DIA (7" EMB.)	16d NAILS AT 6' O.C.	1"	CONT.
SW-6	7/16" APA RATED SHEATHING DS	YES	8d AT 4' O.C.	4 - 2x4	HDU5 OR MSTC66	5/8" DIA (7" EMB.)	16d NAILS AT 2' O.C.	1"	Perforated
SW-7	7/16" APA RATED SHEATHING	YES	PORTAL FRAME						

HOLD DOWN OPTIONS						
MARK	TYP. HOLD DOWN	FLAT STRAP	COIL STRAP (INCH REQ.)	STRAP TO BEAM	THREADED ROD	MASONRY STRAP
SW-1	HDU5	MSTC66	CMSTC16 (66")	MSTC66B3	5/8" DIA.	MSTCM60
SW-2	HDU8	MSTC78	CMSTC14 (78")	HST2 *	7/8" DIA.	N/A
SW-3	HDU4	MSTC52	CMSTC16 (52")	MSTC48B3	5/8" DIA.	MSTCM40
SW-4	HDU2	MSTC40	CSH4 (40")	MSTC48B3	5/8" DIA.	MSTCM36
SW-5	HDU5	MSTC66	CMSTC16 (66")	MSTC66B3	5/8" DIA.	MSTCM60
* HST2 IS LIMITED USE, ONLY TO BE USED IF SPECIFIED ON PLANS NOTE: ADDITIONAL OPTIONS MAYBE AVAILABLE DEPENDING ON LOAD REQUIREMENTS AND FIELD CONDITIONS.						

FIRST FLOOR SHEAR WALL PLAN
1/4" = 1'-0"



COMMONWEALTH OF VIRGINIA
SALVATORE R. LEMOLE
Lic No. 011792
8-11-23
ARCHITECT

PROJECT NO
21081
DATE
22 JAN 2022

THE JONES RESIDENCE
LOT B-1 / HEAD RIVER RD
VIRGINIA BEACH, VIRGINIA
SHEET TITLE
FIRST FLOOR SHEARWALL PLAN

LEMOLÉ ARCHITECTS
2869 PRODUCTION
SUITE 102
VIRGINIA BEACH, VIRGINIA 23464
757-228-2620
SR@LEMOLÉARCH.COM

XX OF XX

PROJ MGR
SRL
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REVISION
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SHEET NUMBER
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PROJ. MGR.	SRL	DESIGNED	SRL	DRAWN	SRL	CHECKED	SRL
DATE							
REVISION							
SYMBOL							
PROJECT NO.	21081	DATE	22 JAN 2022				

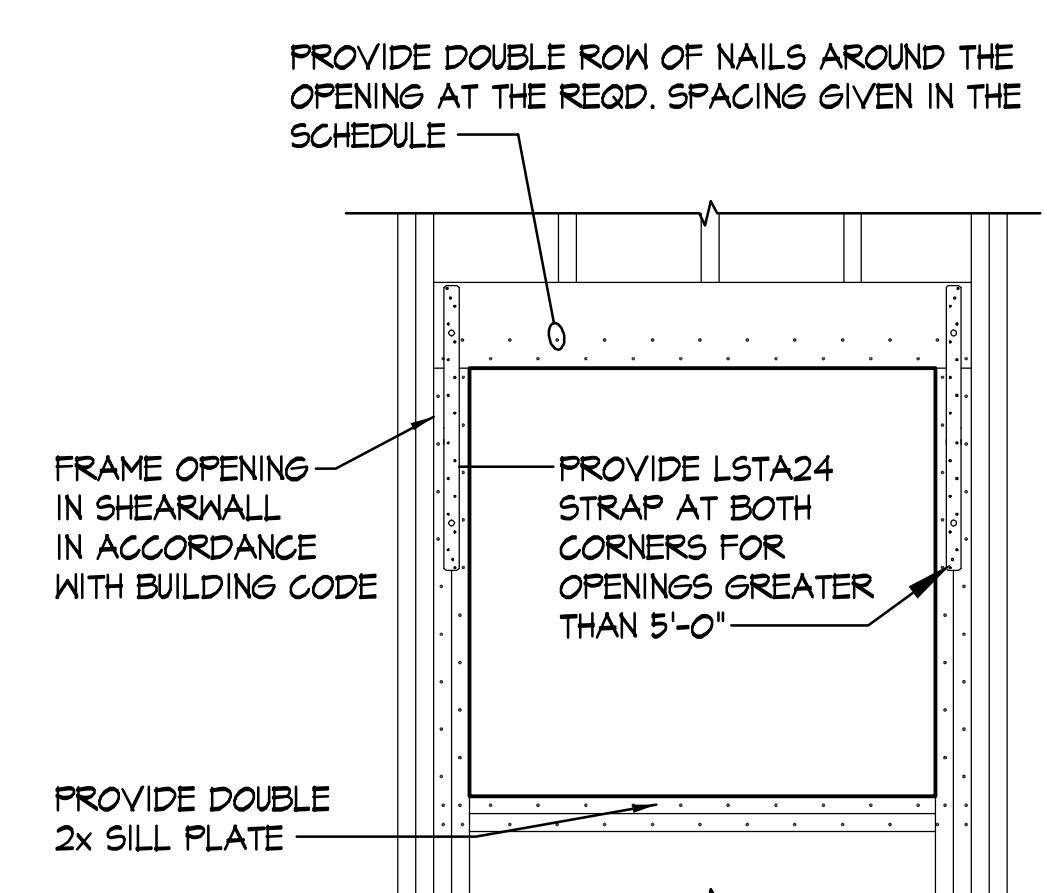
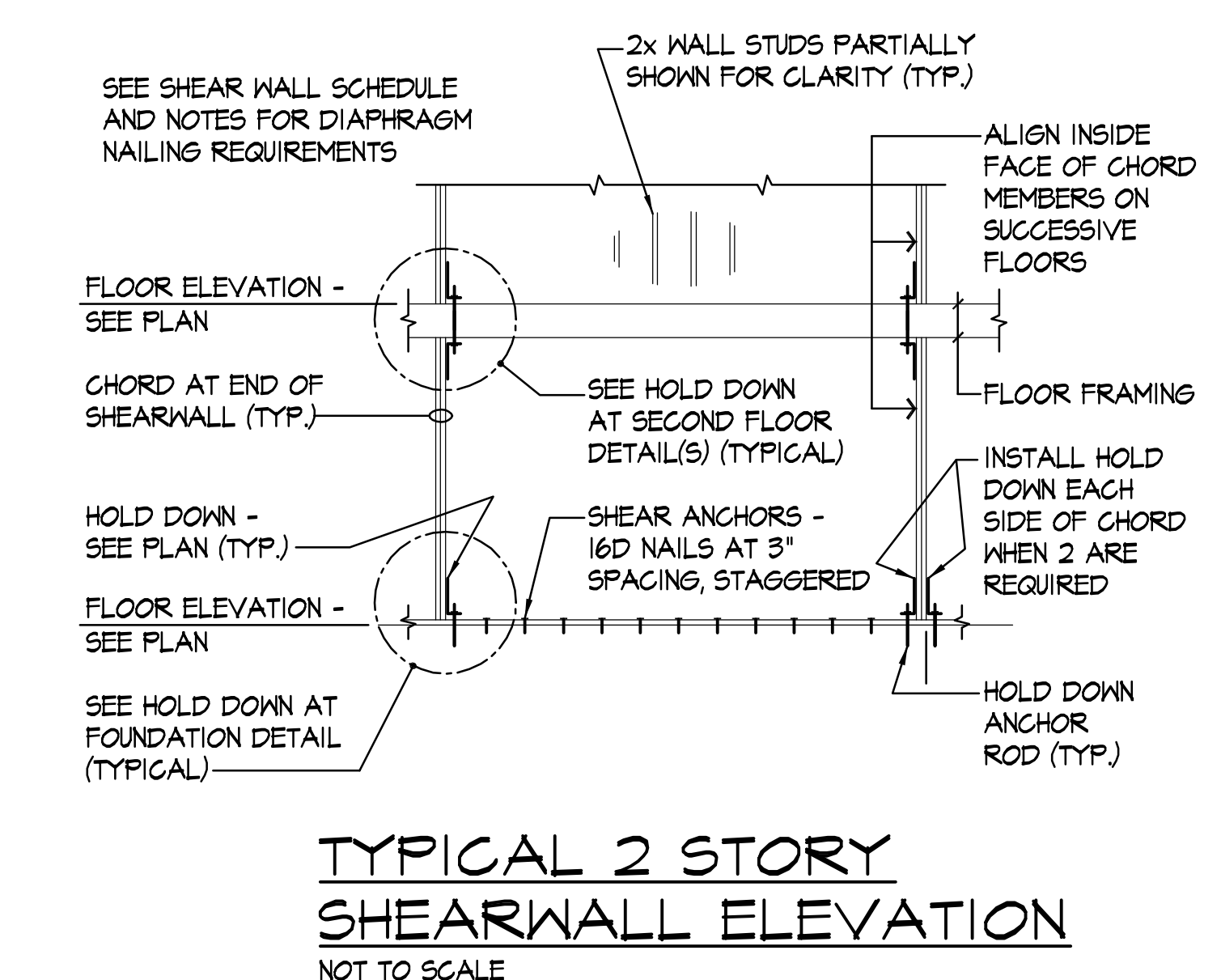
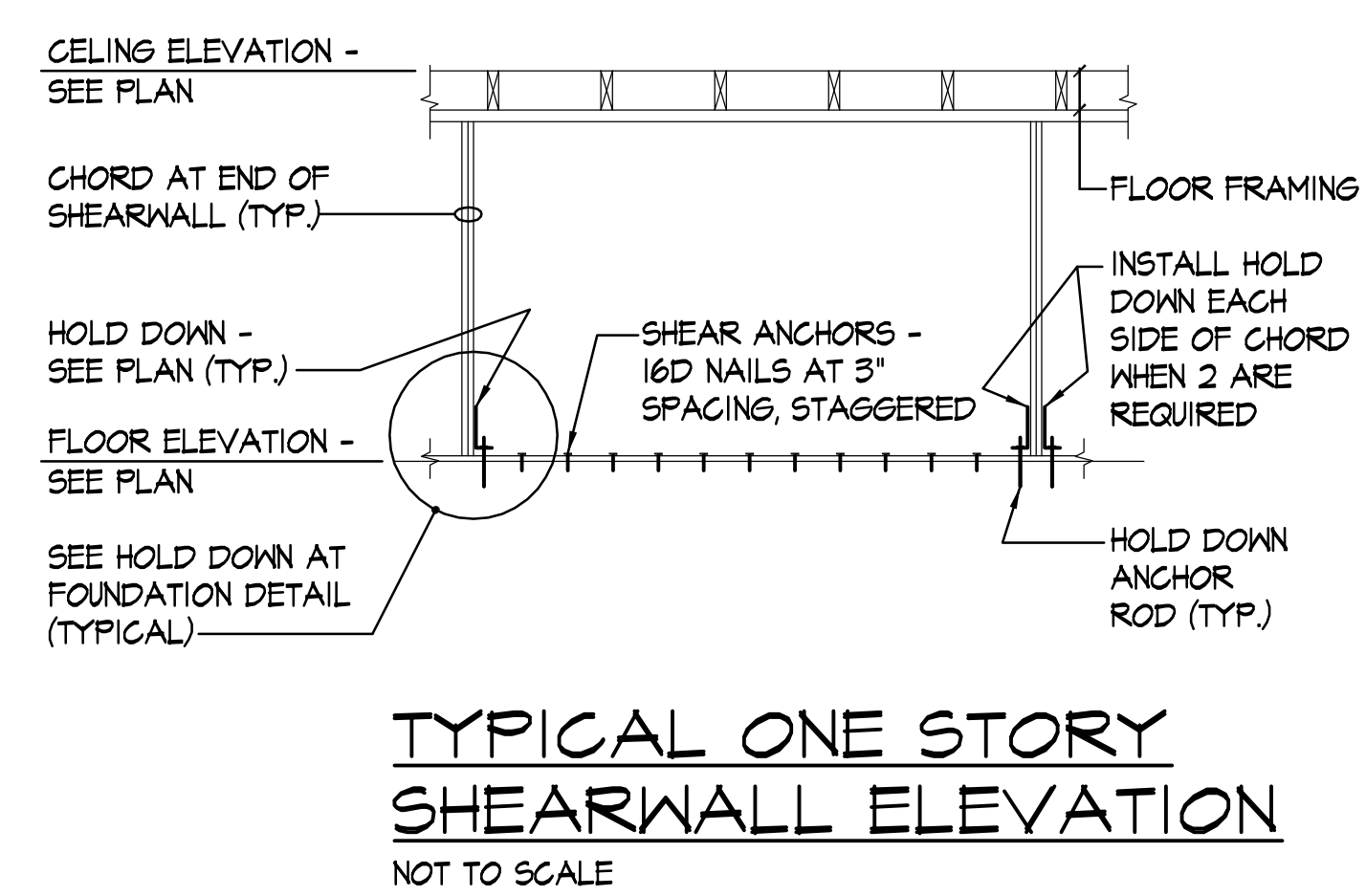
THE JONES RESIDENCE	VIRGINIA BEACH, VIRGINIA
LOT B-1 / HEAD RIVER RD	SHEARWALL NOTES AND TYPICAL DETAILS
SHEET TITLE	

SHEARWALL SCHEDULE NOTES:

- SEE FRAMING PLANS FOR SHEARWALL LOCATIONS AND MINIMUM LENGTHS.
- SEE "TYPICAL SHEARWALL DETAILS" ON THIS SHEET FOR ADDITIONAL INFORMATION.
- "DS" INDICATES SHEARWALL SHEATHING REQUIRED ON BOTH SIDES OF WALL.
"SS" INDICATES SHEARWALL SHEATHING REQUIRED ON ONE SIDE OF WALL.
GWB = GYPSUM WALL BOARD
- HOLD DOWN ANCHORS SHALL BE AS MANUFACTURED BY "SIMPSON STRONG TIE CO.", OR EQUIVALENT.
- ANCHOR RODS SHALL BE EPOXIED USING HILTI HVA SYSTEM OR EQUIV. ANCHOR ROD DIAMETER SHALL BE IN ACCORDANCE WITH THE SPECIFIED HOLD DOWN TYPE.
- SHEATHING PANELS CAN BE INSTALLED WITH LONG DIMENSION EITHER PARALLEL OR PERPENDICULAR TO STUDS. FIELD NAILING SHALL BE AT 12" ON CENTER
- PROVIDE LST24 STRAP TIE CORNER REINFORCING AT OPENINGS.
- FASTEN CMSTC-16 STRAP TO SHEARWALL CHORDS PER DETAIL.
- DOUBLE LVL UNDER ALL HOLD DOWNS. NOT OVER A WALL, UNLESS OTHERWISE NOTED. SECOND FLOOR HOLD DOWNS OVER A WALL BELOW SHALL HAVE CHORD AND HOLD DOWN TO FOUNDATION.
- INSTALL SOLID BLOCKING BETWEEN JOIST UNDER PERPENDICULAR SHEAR WALLS ABOVE, INSTALL DOUBLE JOIST UNDER PARALLEL SHEAR WALLS.

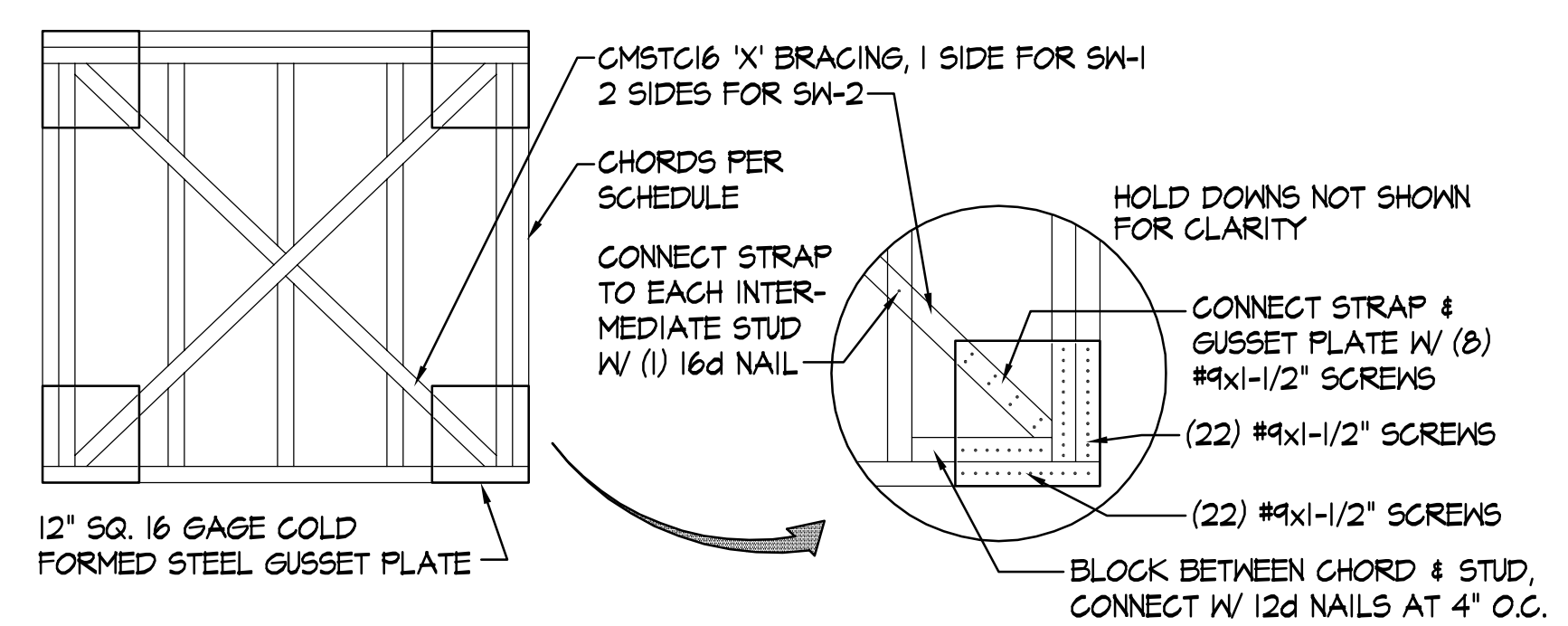
GENERAL NOTES:

- THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, CIVIL DRAWINGS. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.
- THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE PROVISIONS OF THE RESIDENTIAL BUILDING CODE 2015 EDITION AS ADOPTED BY THE 2018 VIRGINIA STATE CONSTRUCTION CODE.
- THE STRUCTURAL DRAWINGS ARE SPECIFICALLY TO PROVIDE THE DESIGN FOR THE LATERAL FORCE SYSTEM. THEY DO NOT PROVIDE THE DESIGN FOR FRAMING AND FOUNDATIONS.
- LOADS USED IN THE DESIGN OF THIS STRUCTURE ARE AS FOLLOWS:
WIND LOAD: _____ 110 MPH
BASIC WIND SPEED (3-SECOND GUST) _____
WIND EXPOSURE _____ C
WIND IMPORTANCE FACTOR _____ 1.0
BUILDING CATEGORY _____ II
INTERNAL PRESSURE COEFFICIENT _____ 0.18
COMPONENTS AND CLADDING DESIGN PRESSURE
(ZONE 2 WITH 100 SF TRIBUTARY AREA) _____ 30 PSF
(ZONE 5 WITH 100 SF TRIBUTARY AREA) _____ 30 PSF



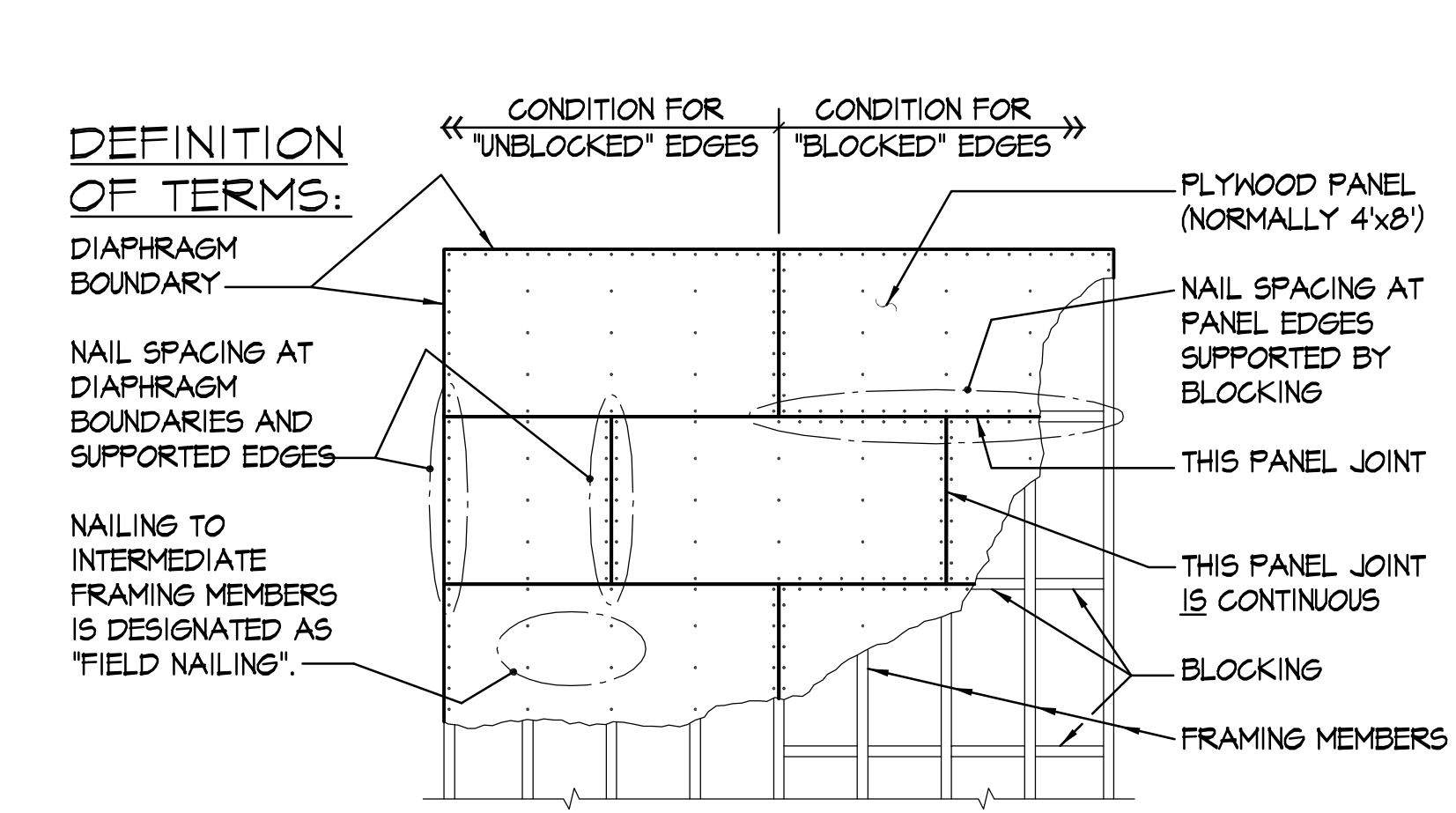
TYPICAL OPENING IN SHEAR WALL SHEATHING DETAIL

NOT TO SCALE



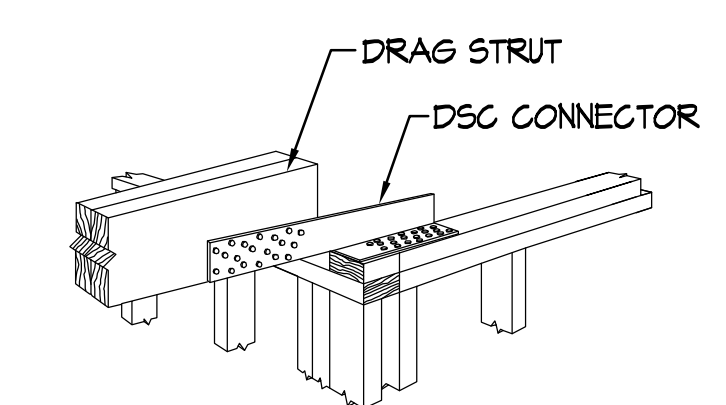
SHEARWALL WITH CMSTC STRAP DETAIL

NOT TO SCALE

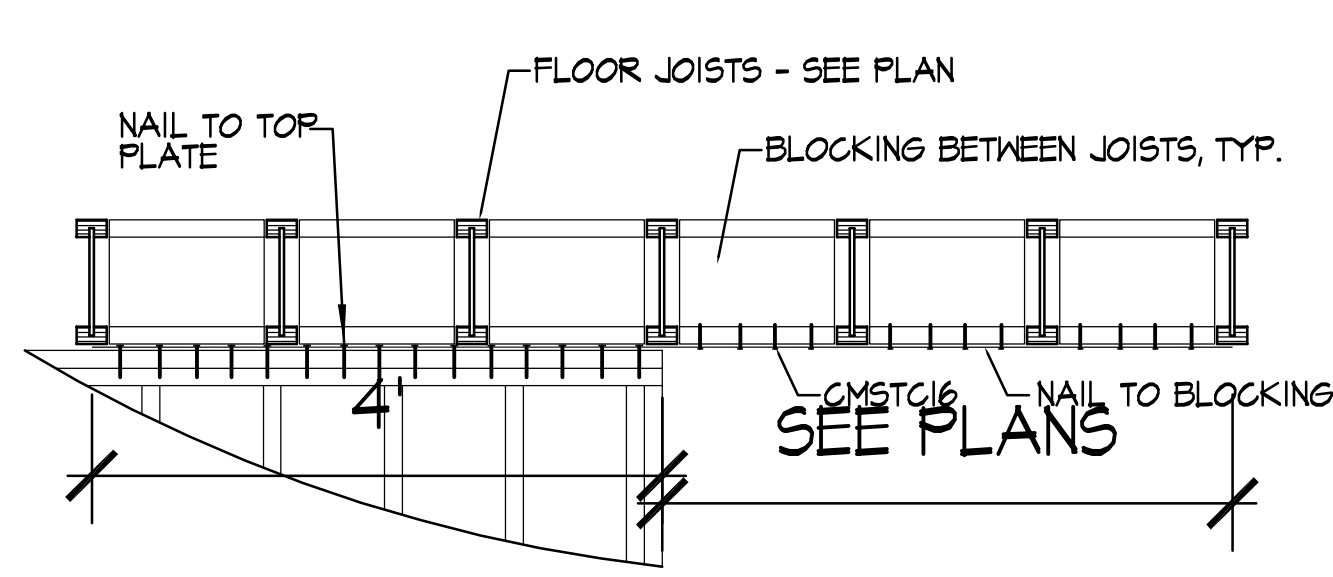
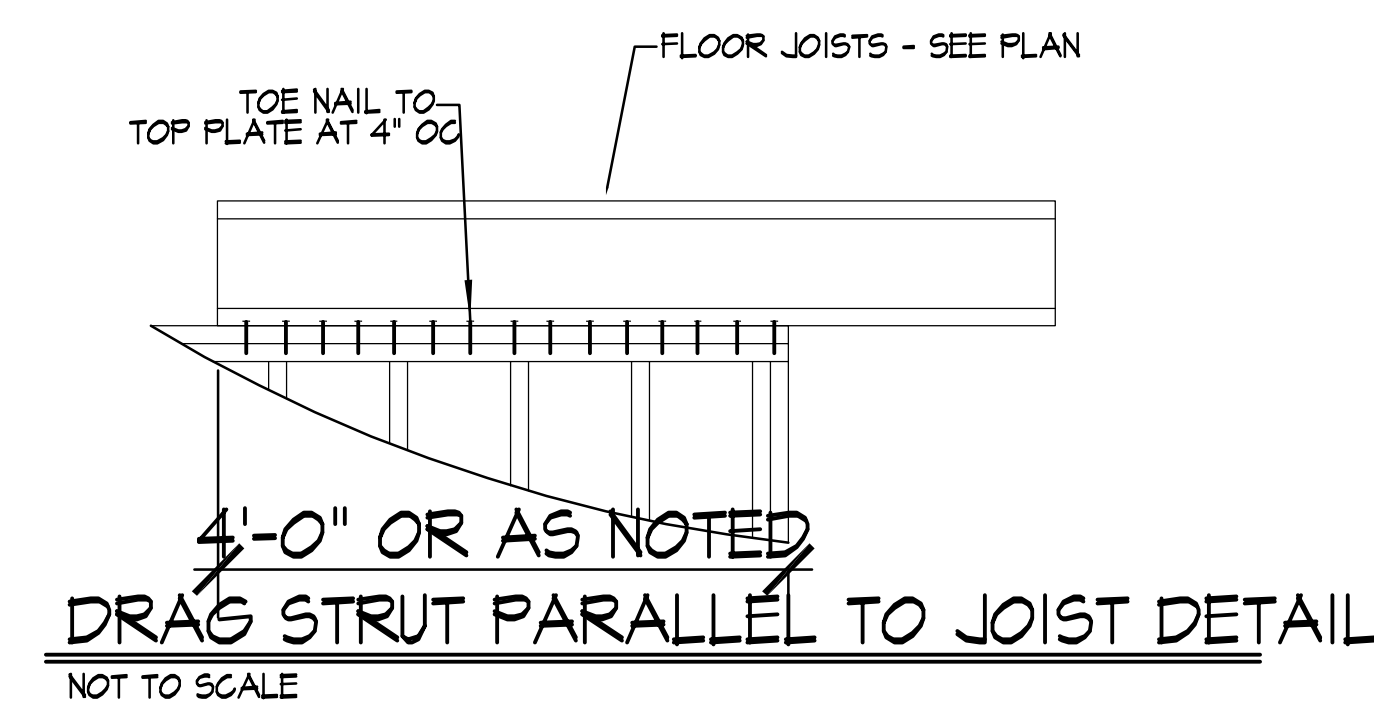


TYPICAL PLYWOOD DIAPHRAGM DETAIL

NOT TO SCALE

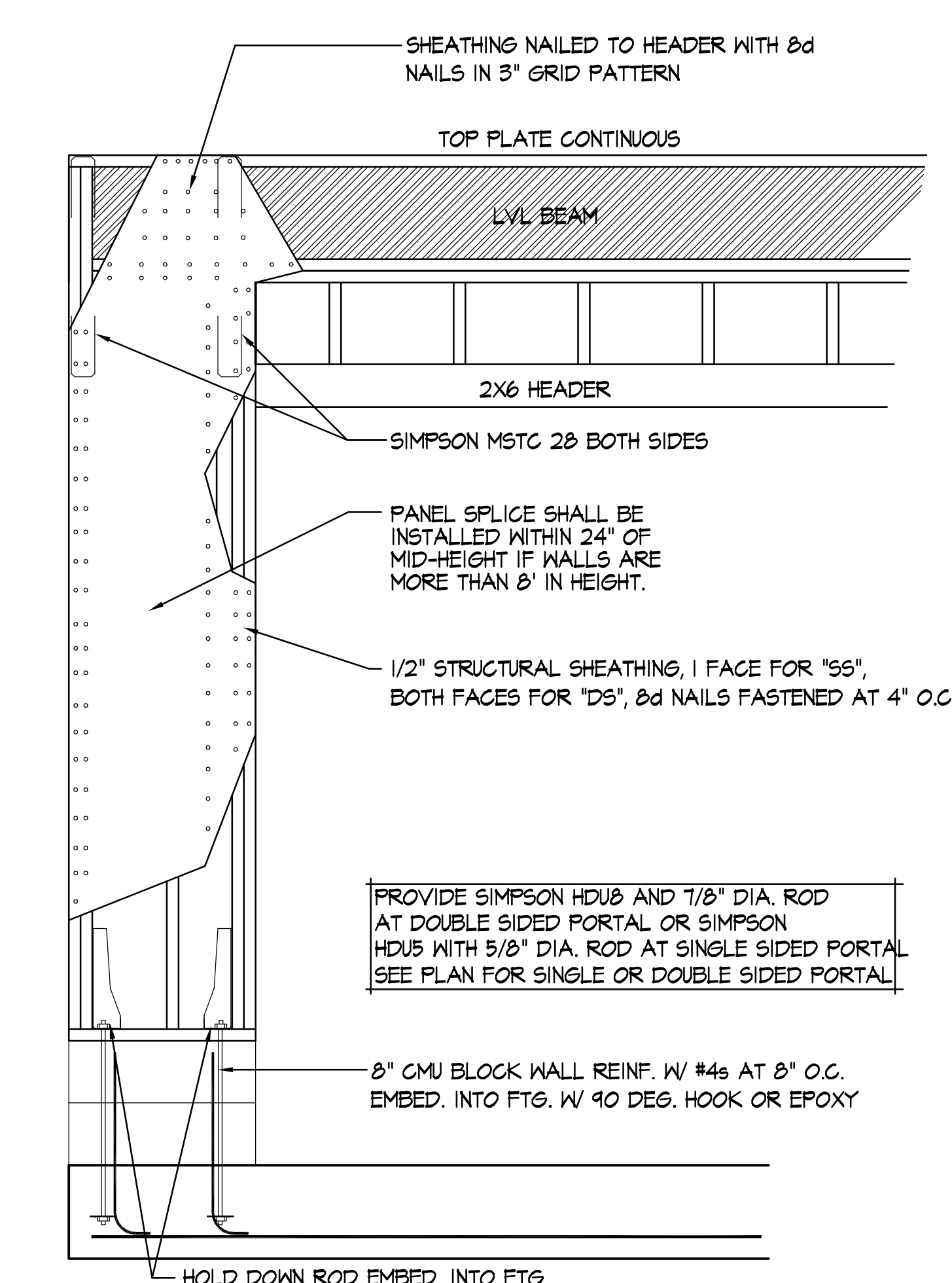
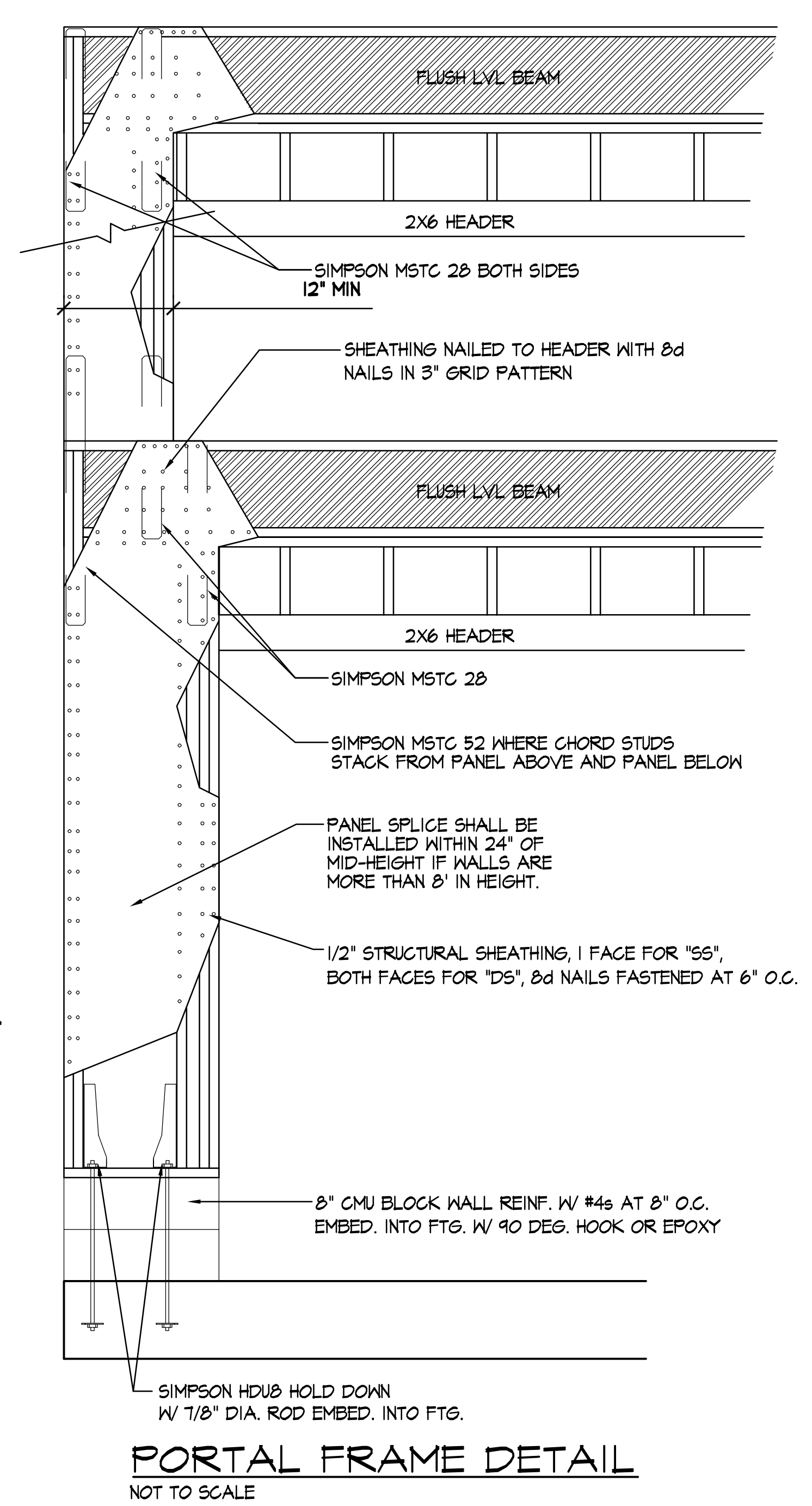


DRAG STRUT WITH DSC5 CONNECTOR DETAIL



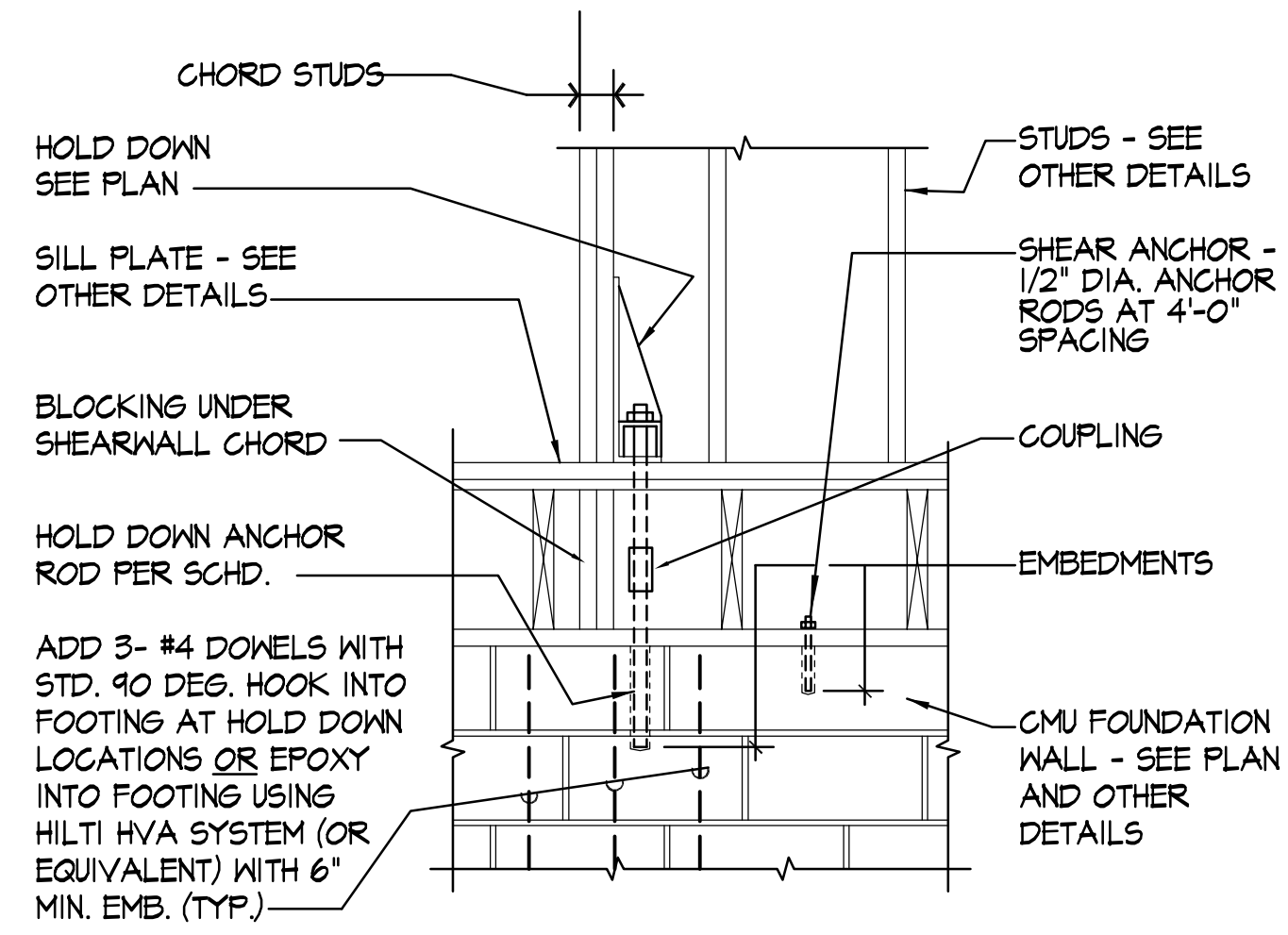
DRAG STRUT WITH CMSTC16 STRAP DETAIL

NOT TO SCALE

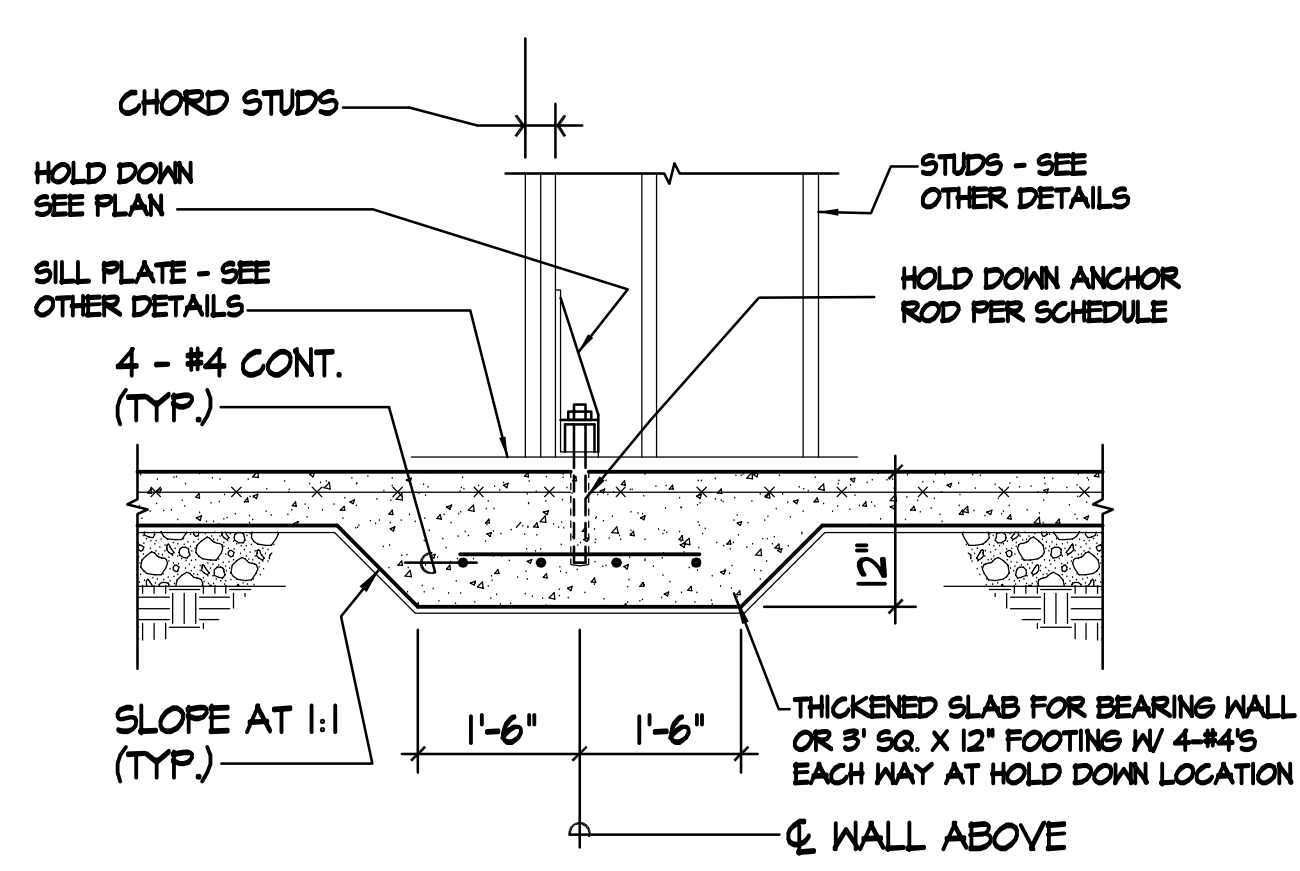


TYPICAL PORTAL FRAME DETAIL

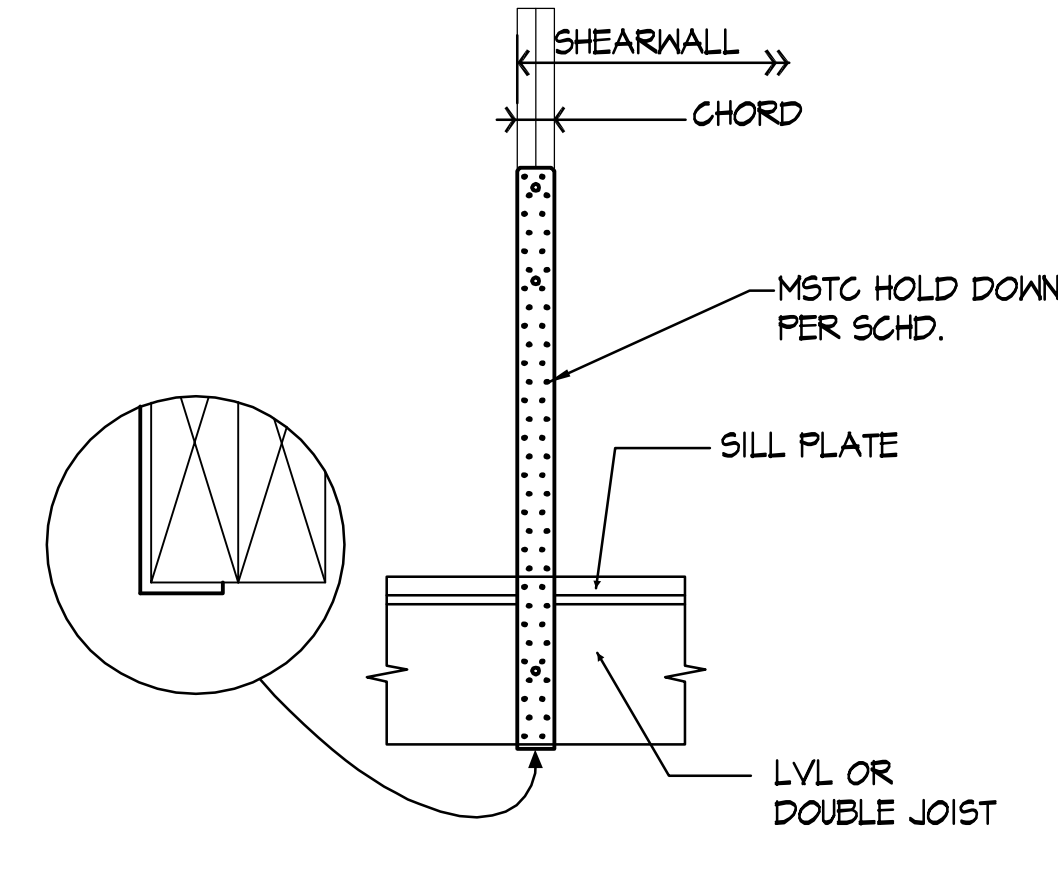
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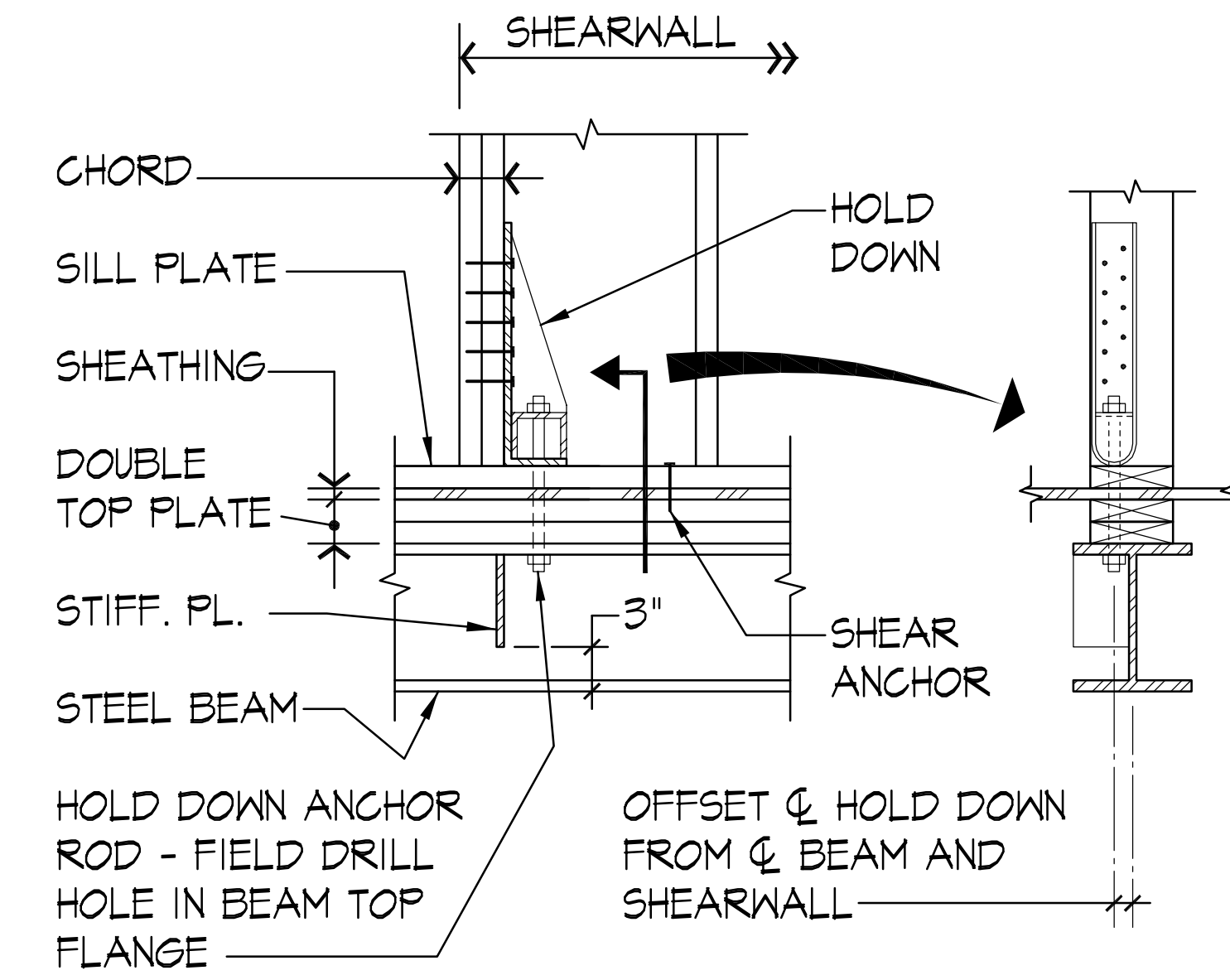
HOLD DOWN AT FOUNDATION DETAIL
NOT TO SCALE



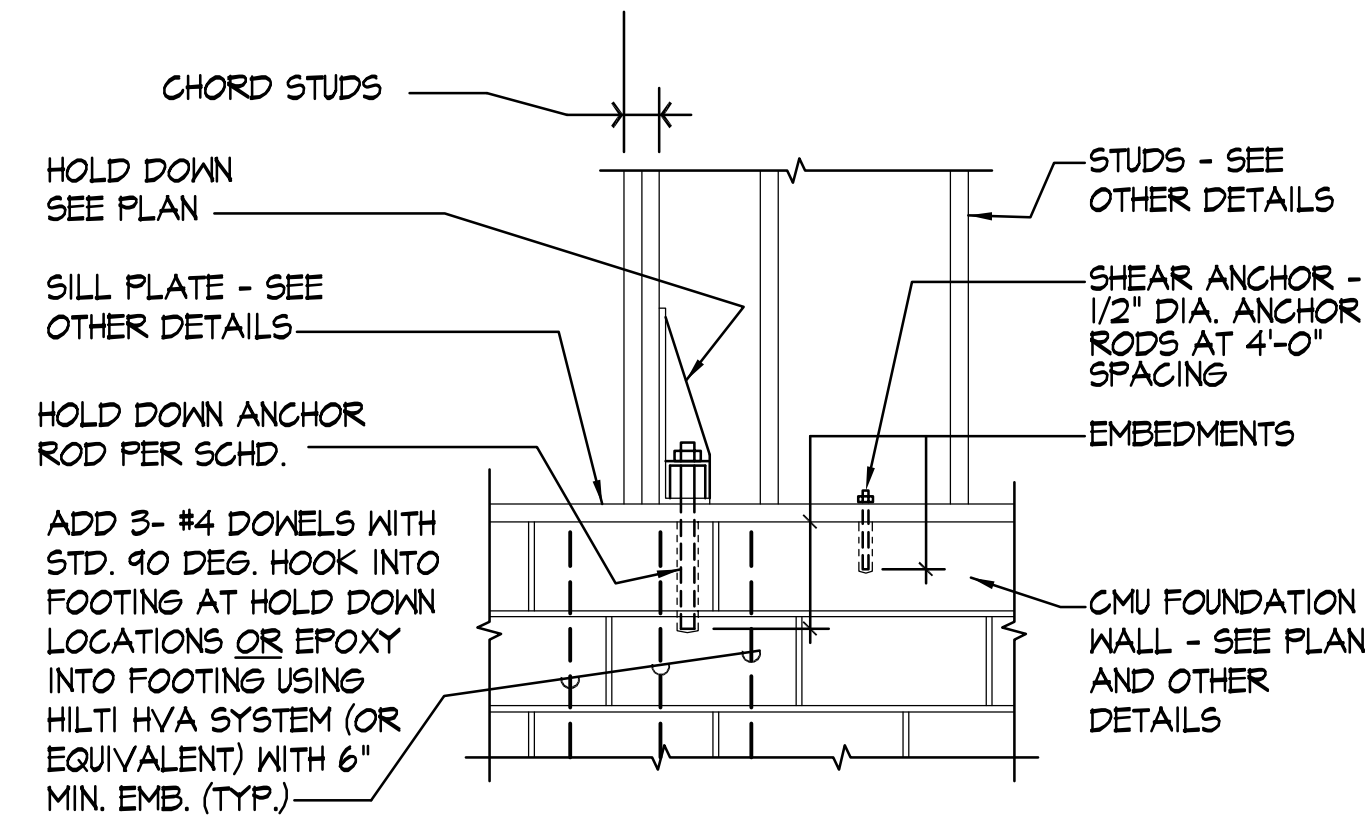
HOLD DOWN AT THICKENED SLAB DETAIL
NOT TO SCALE



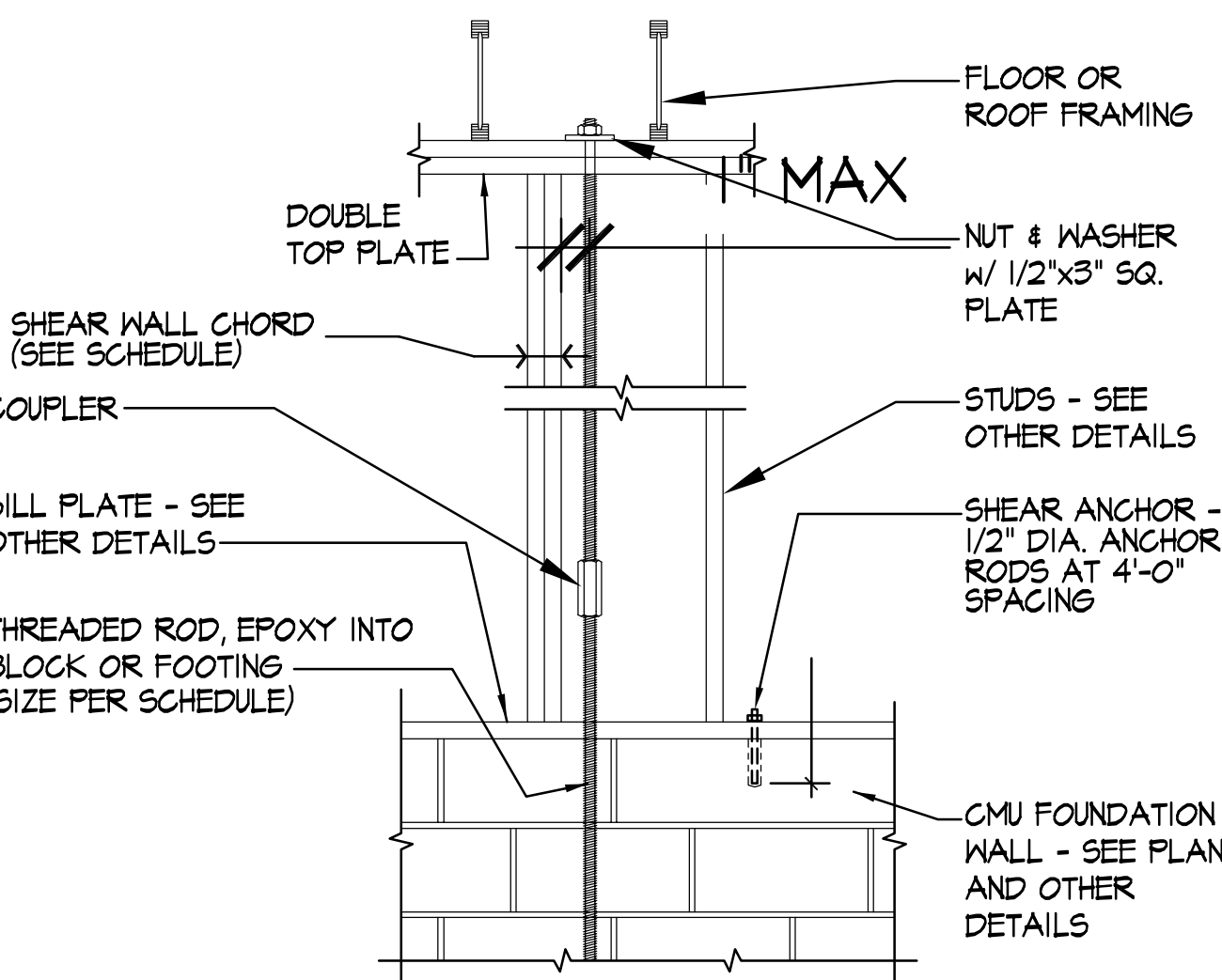
HOLD DOWN AT SECOND FLOOR DETAIL (BEAM BELOW)
NOT TO SCALE



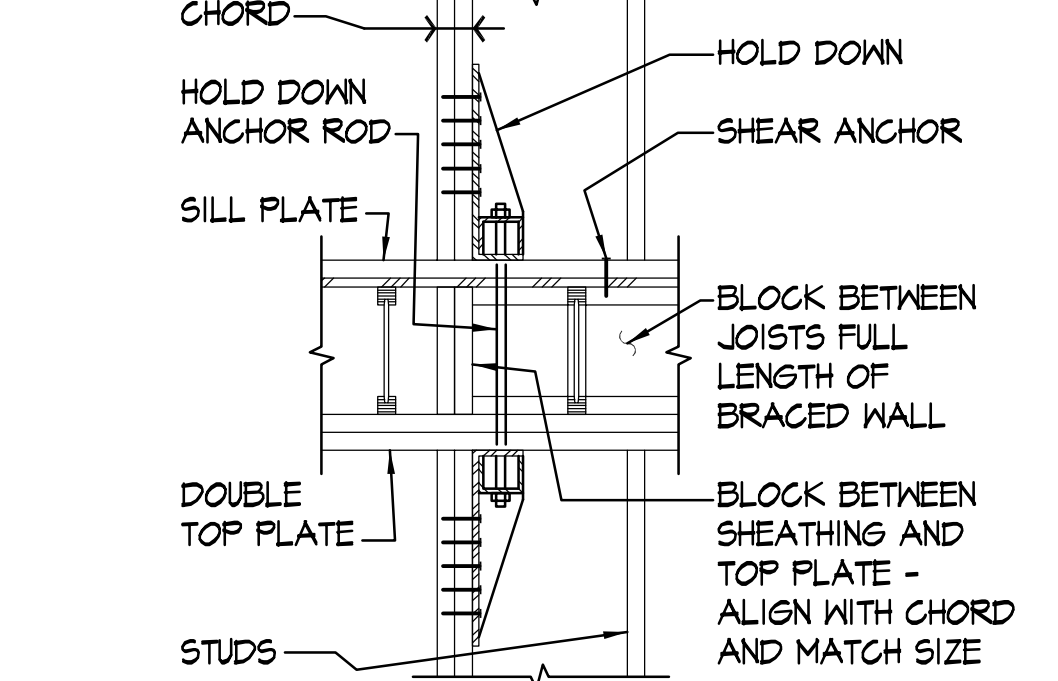
HOLD DOWN AT SECOND FLOOR DETAIL (STEEL BEAM BELOW)
NOT TO SCALE



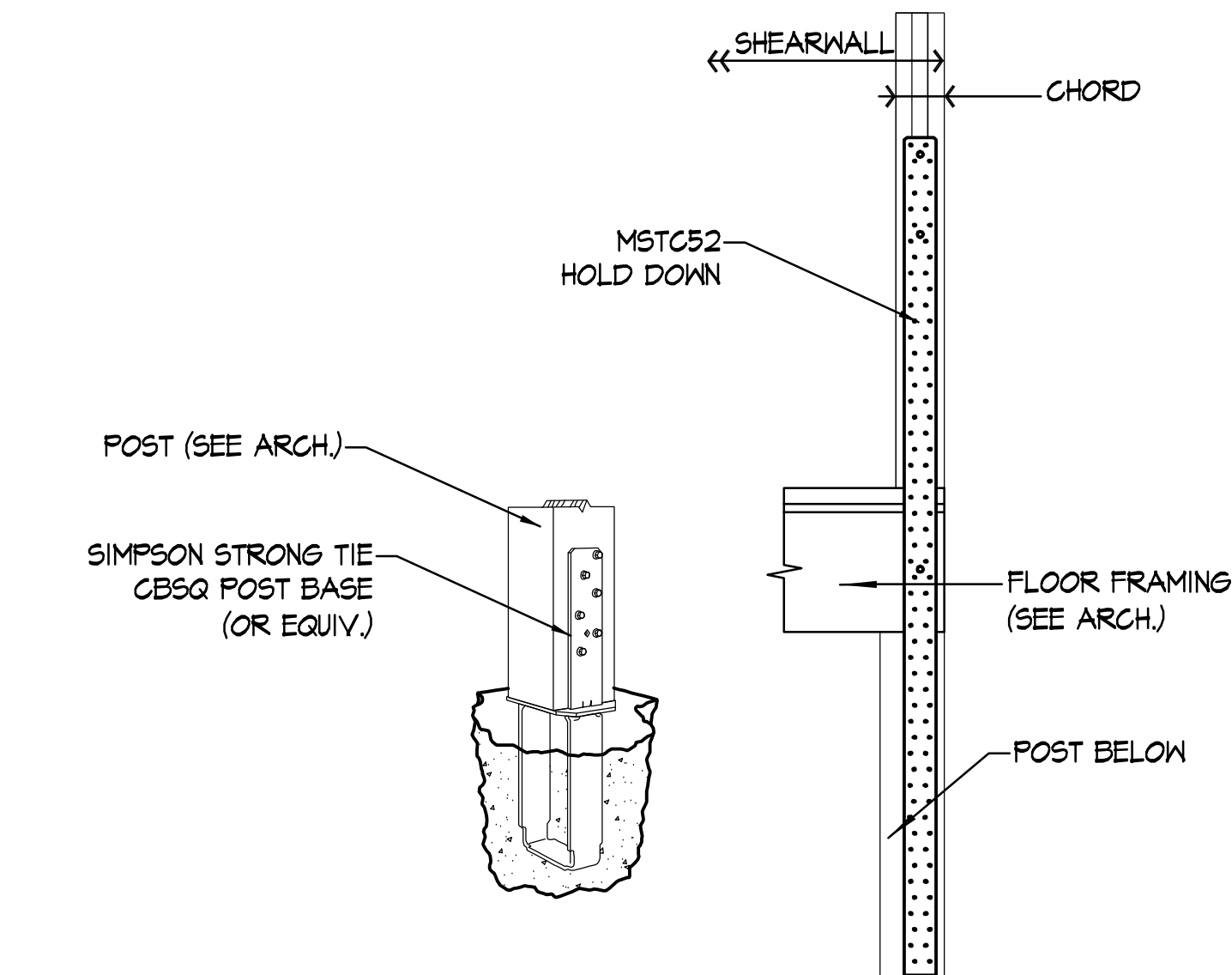
HOLD DOWN AT FOUNDATION DETAIL
NOT TO SCALE



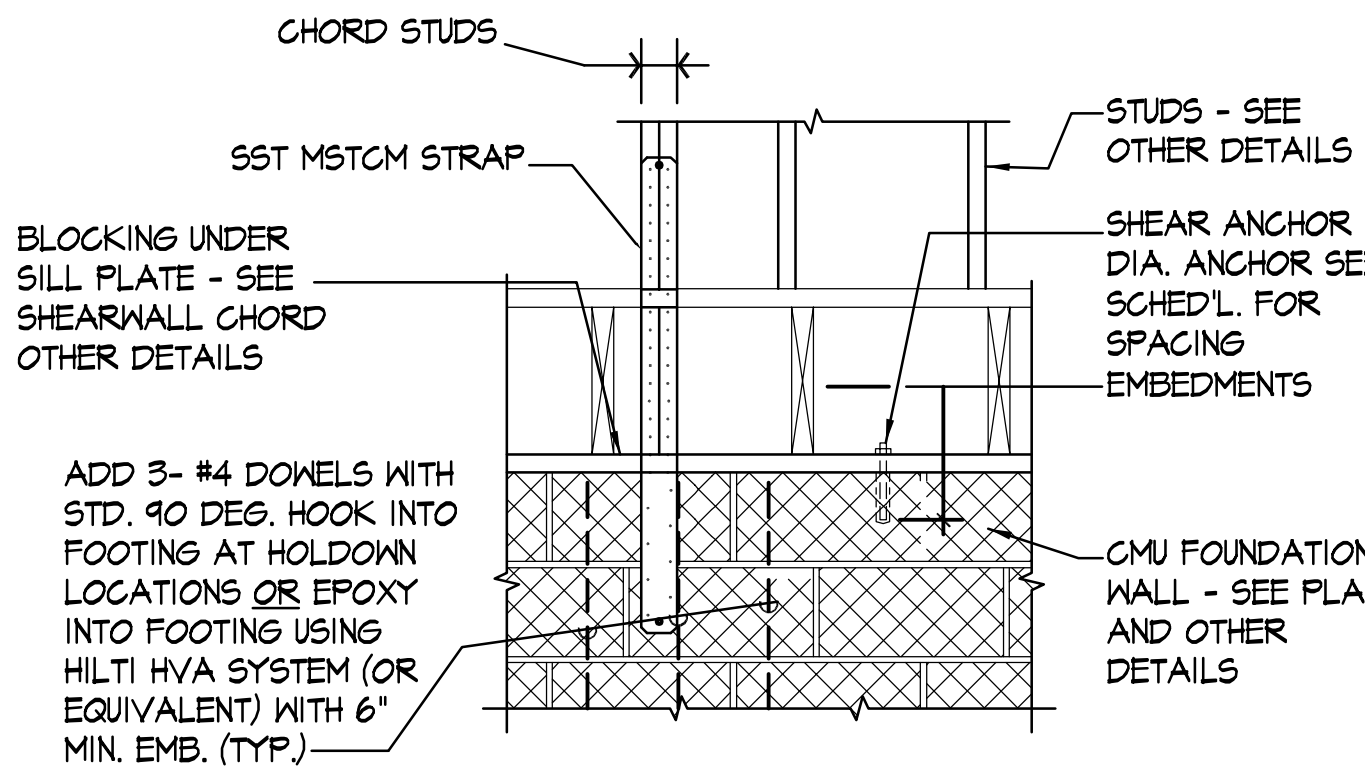
HOLD DOWN AT FOUNDATION DETAIL
NOT TO SCALE



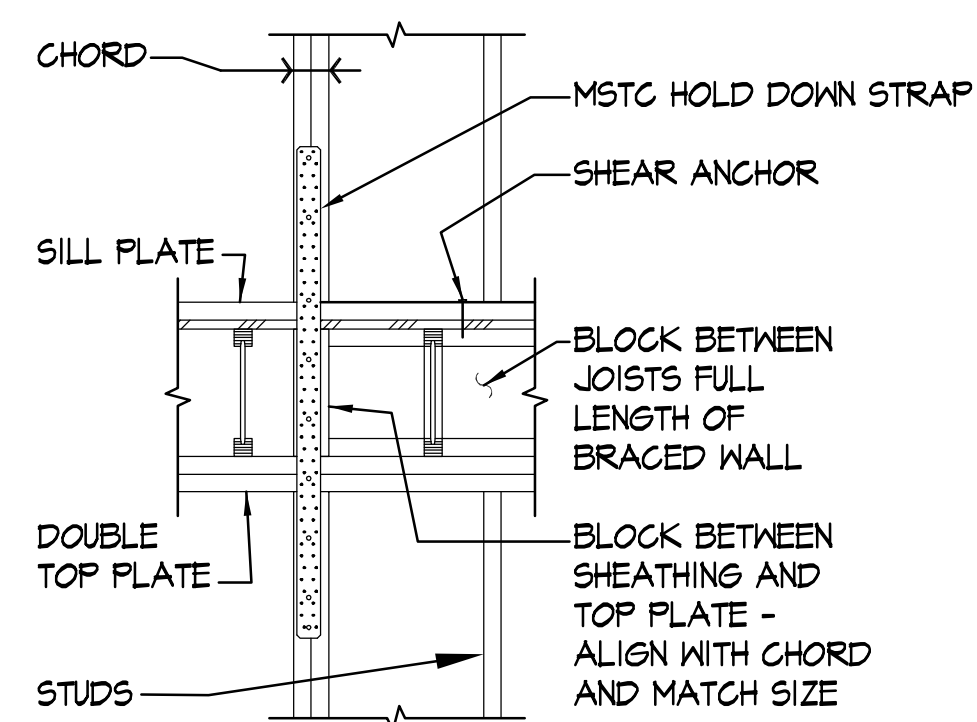
HOLD DOWN AT SECOND FLOOR DETAIL
NOT TO SCALE



HOLD DOWN AT SECOND FLOOR DETAIL (POST BELOW)
NOT TO SCALE



HOLD DOWN AT FOUNDATION DETAIL
NOT TO SCALE



HOLD DOWN AT SECOND FLOOR DETAIL
NOT TO SCALE