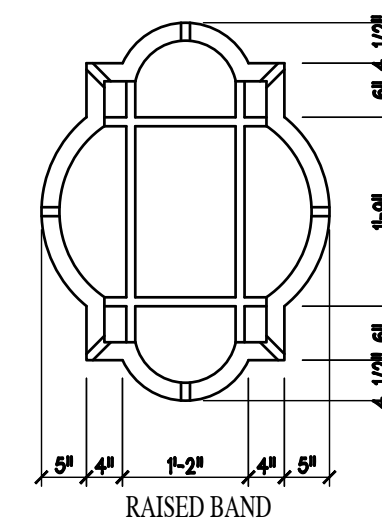
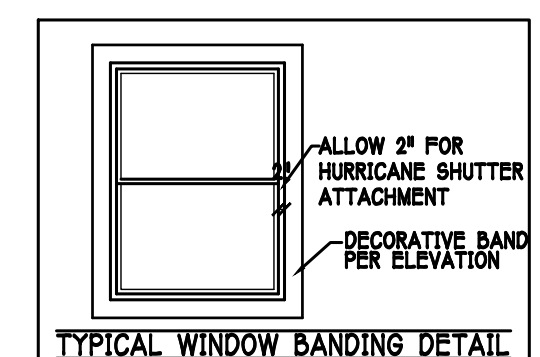




- 1 MID-WALL WEEP SCREED AT WOOD-MASONRY INTERFACE. INSTALL STRICTLY PER MFG. INSTRUCTIONS
- 2 ROOF / WALL SCREED
INSTALL STRICTLY PER MFG. INSTRUCTIONS

REAR ELEVATION: "A" SCALE: 3/16" = 1'-0"



RIGHT SIDE ELEVATION: "A" SCALE: 3/16" = 1'-0"

DESIGN IN ACCORDANCE W/ THE 2014
RESIDENTIAL FLORIDA BUILDING
CODE- 5TH EDITION

**Gulf Coast Drafting
& Design**
Phone (239) 540-1822
Fax (239) 540-7759

**STRUCTURAL
SYSTEMS
OF NORTH FLORIDA**

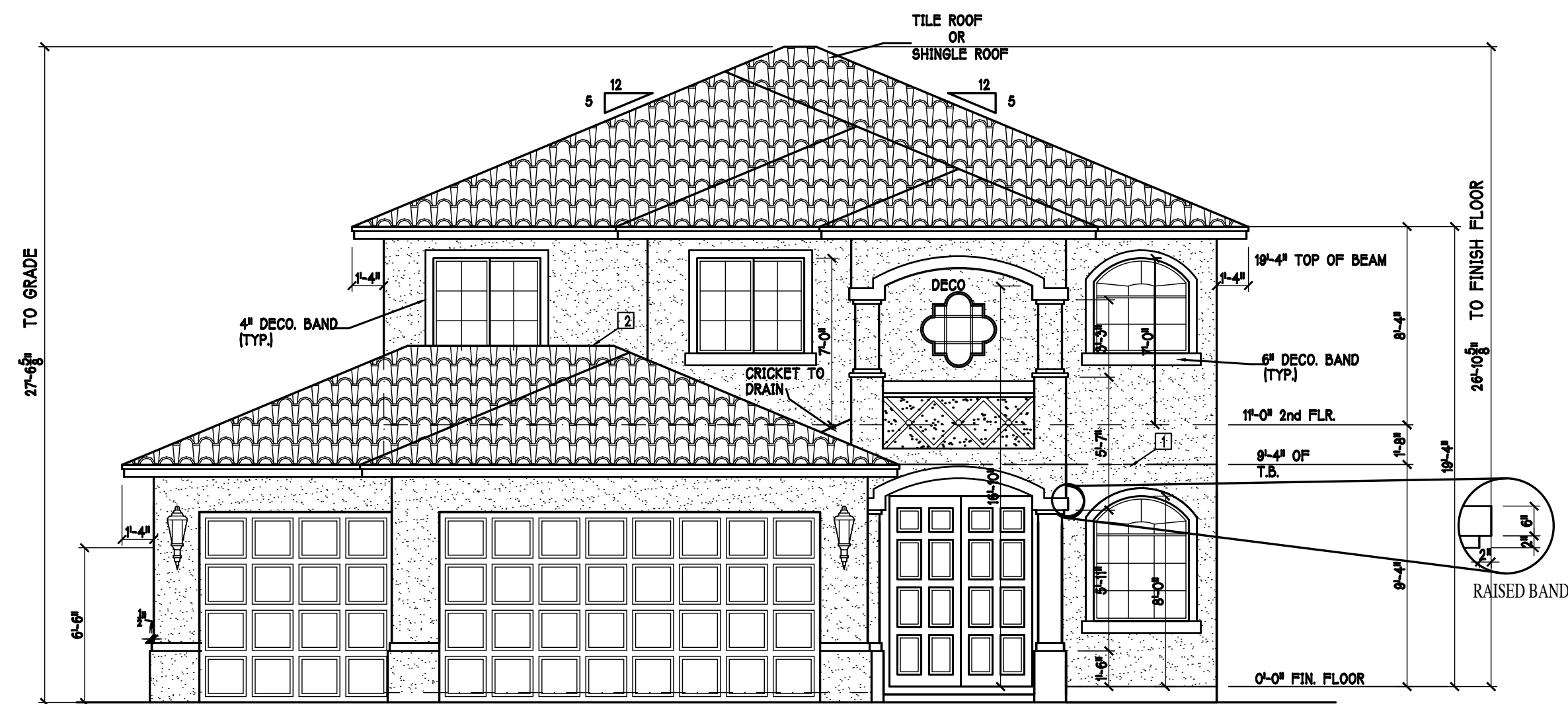
1634 S.E. 47th ST SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554

CAN 8829

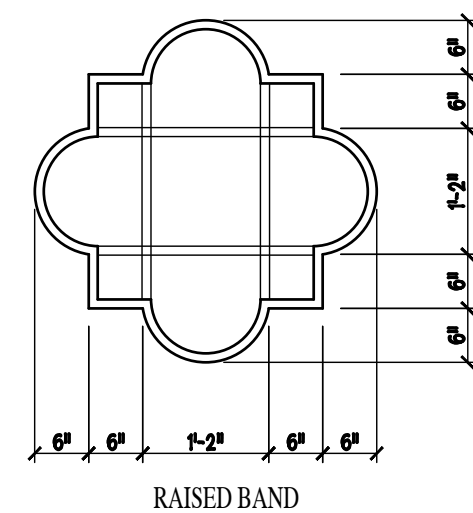
MODEL:	LOT: BLOCK:
UNIT 2554	SUBDIV:
RESIDENCE FOR:	ADDRESS:
SPEC	G.C.D.#: D.R.H.#:

DATE:	01-25-17
DRAWN BY:	JWC
CHECKED BY:	JWC
REVISED:	
PLAN:	ELEVATIONS
SCALE:	3/16" = 1'-0"
SHEET#	

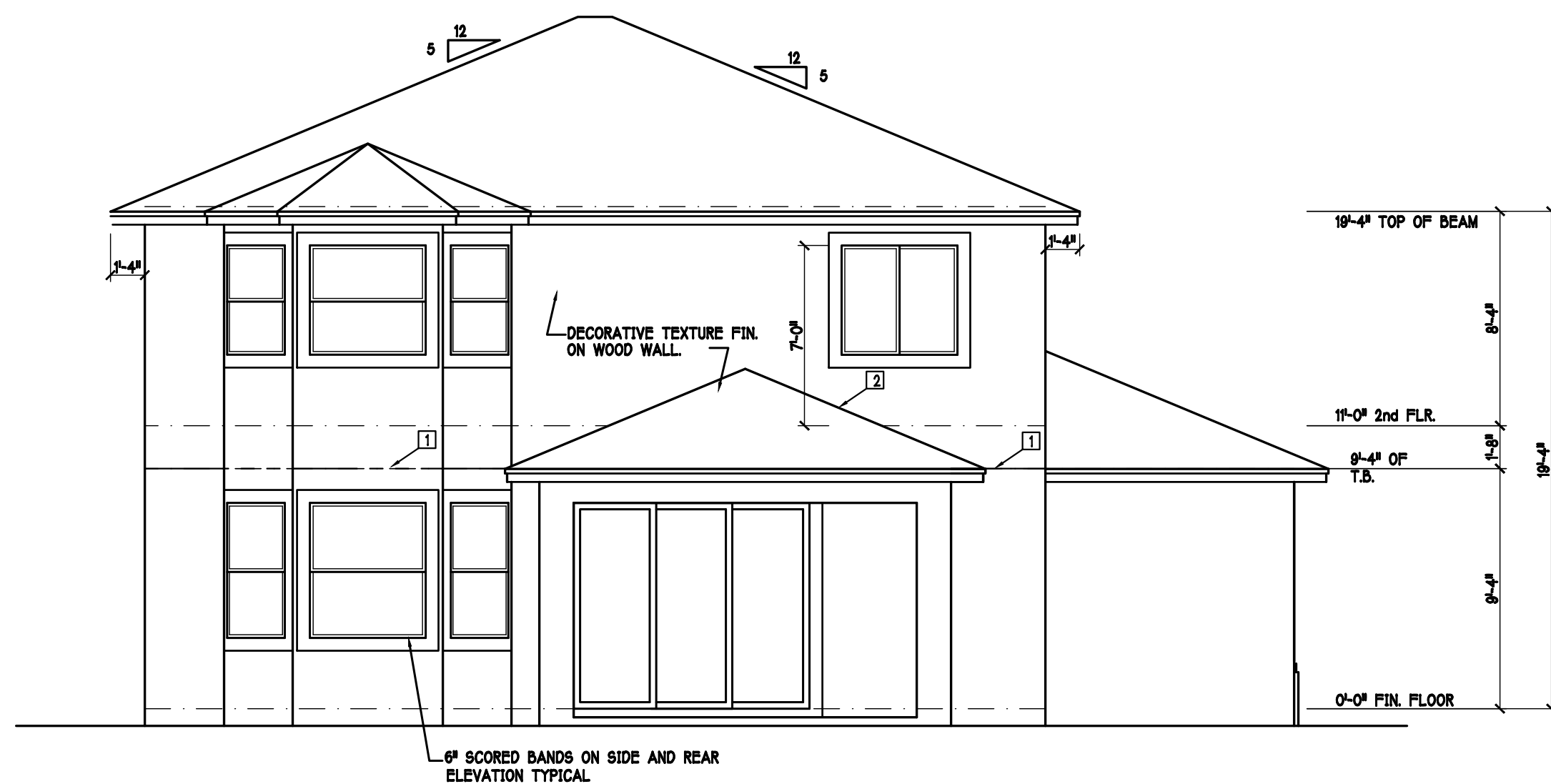
A1-A



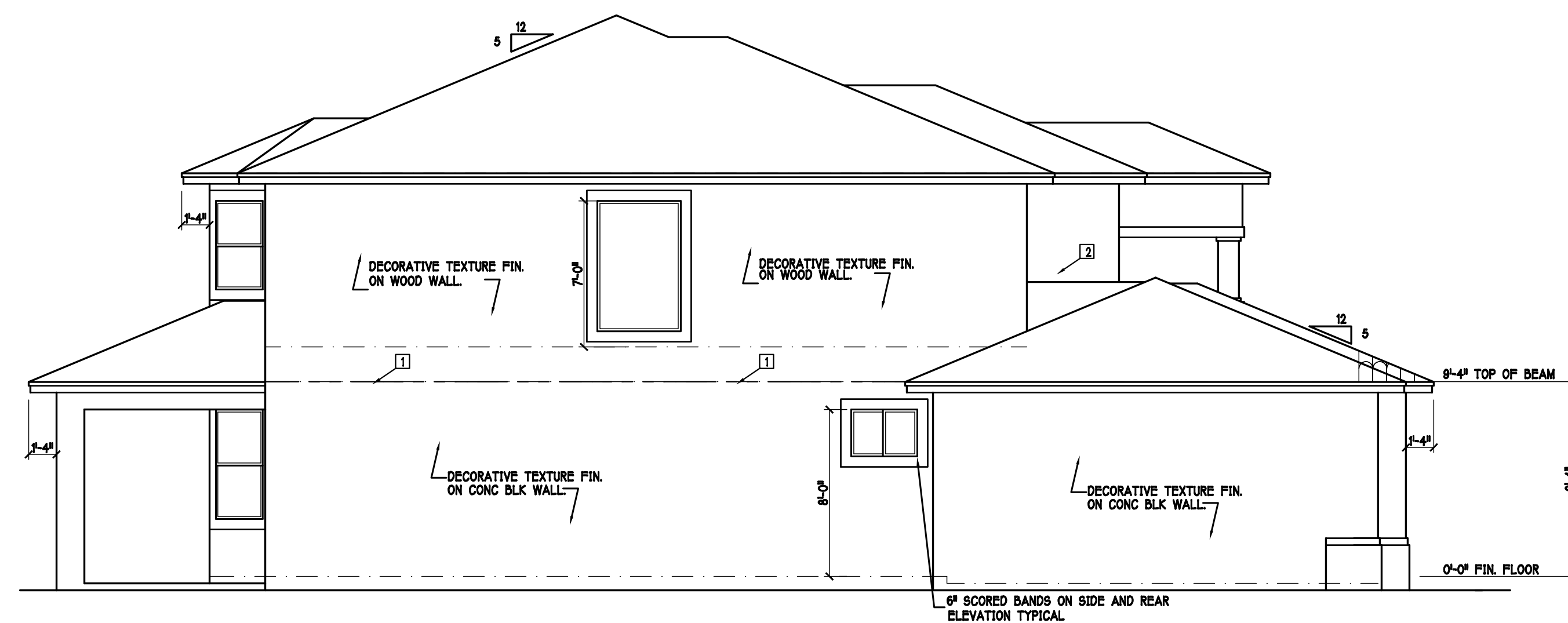
FRONT ELEVATION: "B" SCALE: 3/16" = 1'-0"



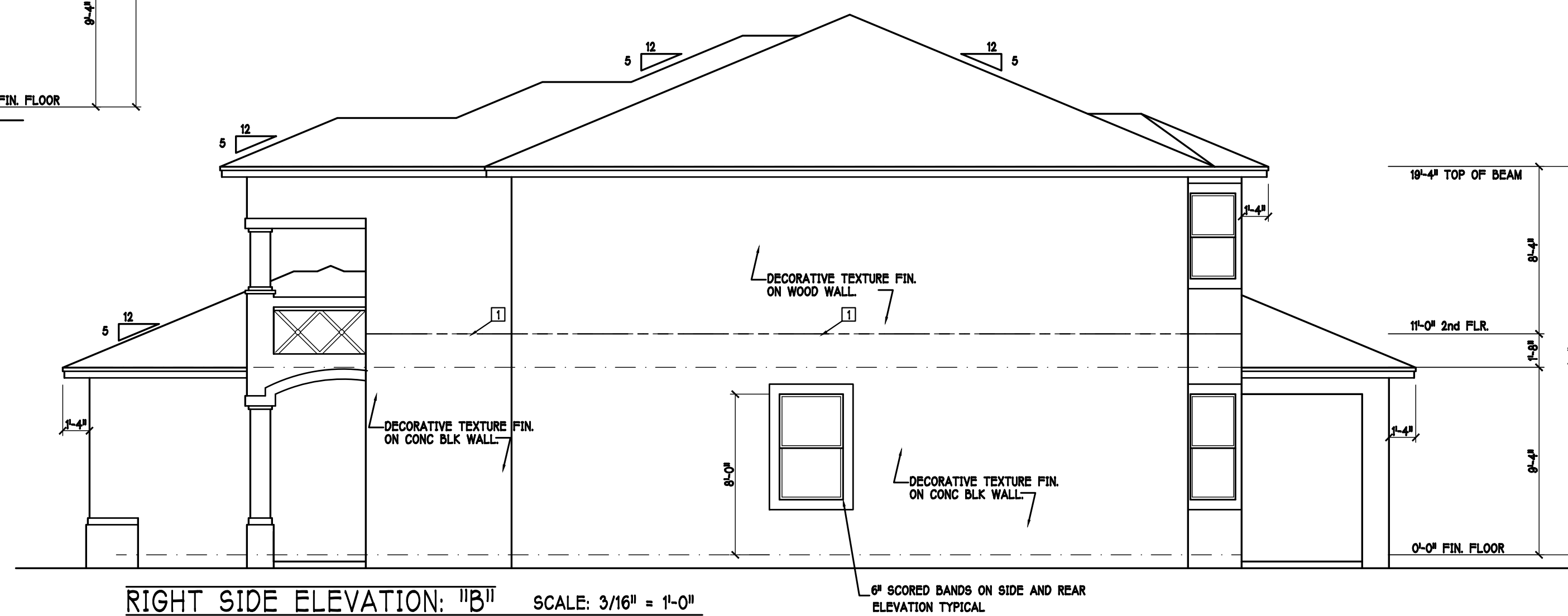
- 1 MID-WALL WEEP SCREED AT WOOD-MASONRY INTERFACE. INSTALL STRICTLY PER MFG. INSTRUCTIONS
- 2 ROOF / WALL SCREED INSTALL STRICTLY PER MFG. INSTRUCTIONS



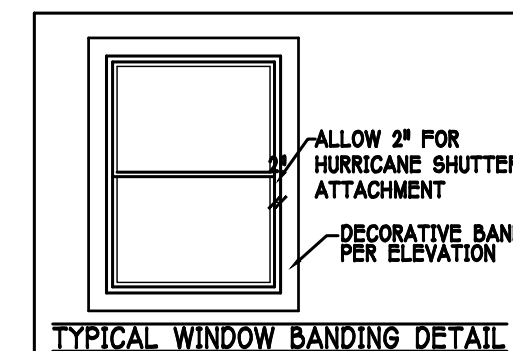
REAR ELEVATION: "B" SCALE: 3/16" = 1'-0"



LEFT SIDE ELEVATION: "B" SCALE: 3/16" = 1'-0"



RIGHT SIDE ELEVATION: "B" SCALE: 3/16" = 1'-0"



**Gulf Coast Drafting
& Design**
Phone (239) 540-1822
Fax (239) 540-7759

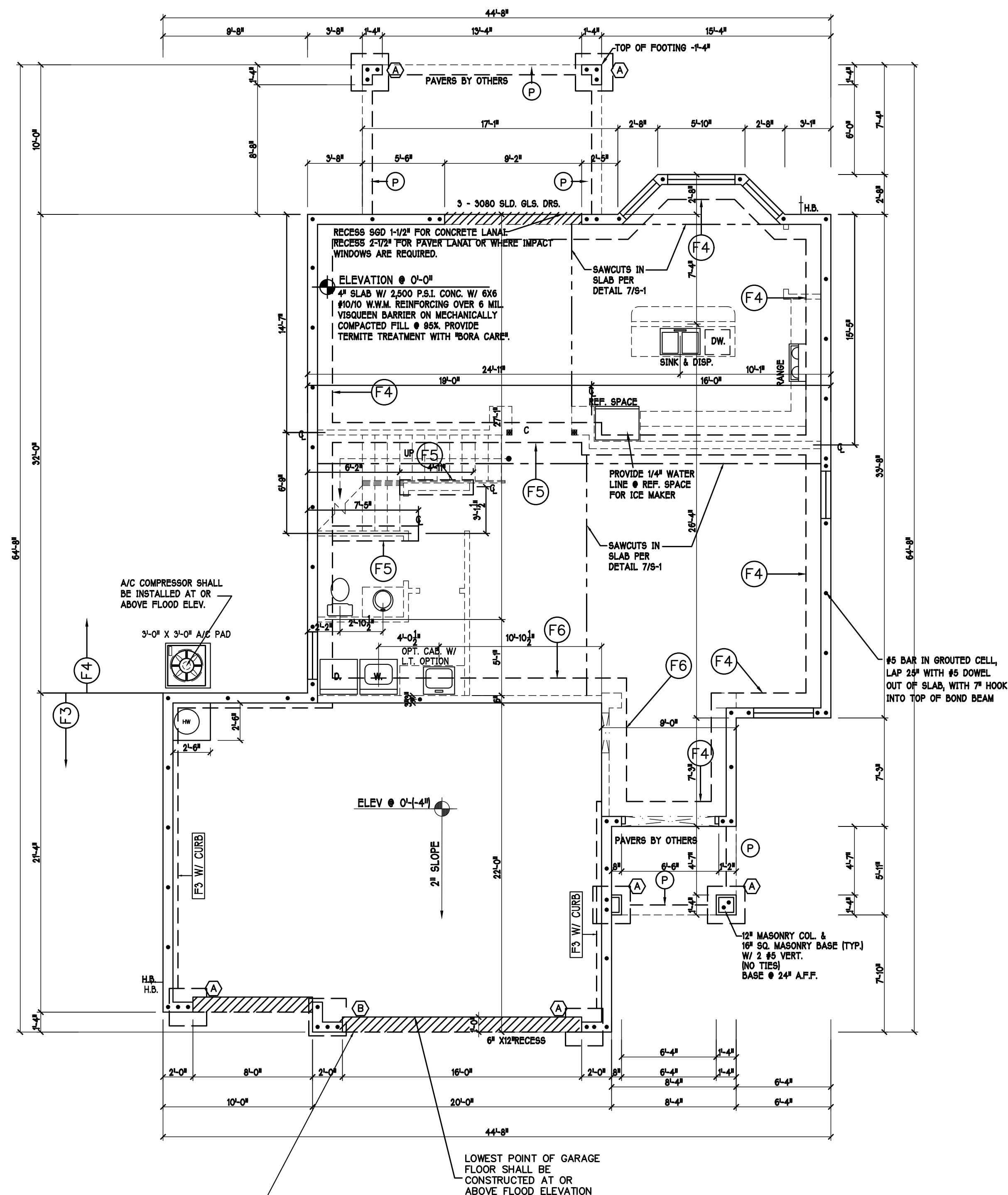
LOT:	BLOCK:
SUBDIV:	
ADDRESS:	
G.C.D.#:	D.R.H.#:

MODEL:	UNIT 2554
RESIDENCE FOR:	
SPEC	

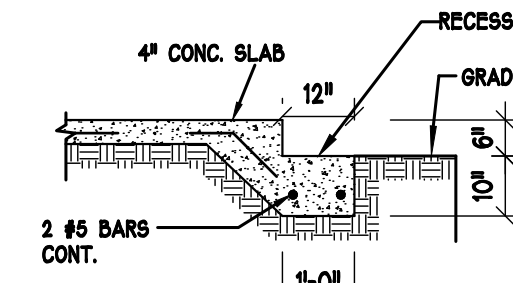
DATE:	01-25-17
DRAWN BY:	JWC
CHECKED BY:	JWC
REVISED:	

PLAN:	FOUNDATION
SCALE:	3/16" = 1'-0"
SHEET#	

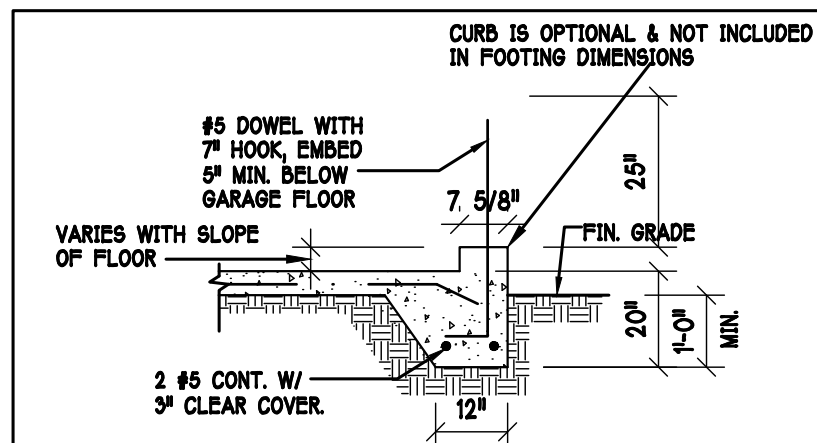
A2-A



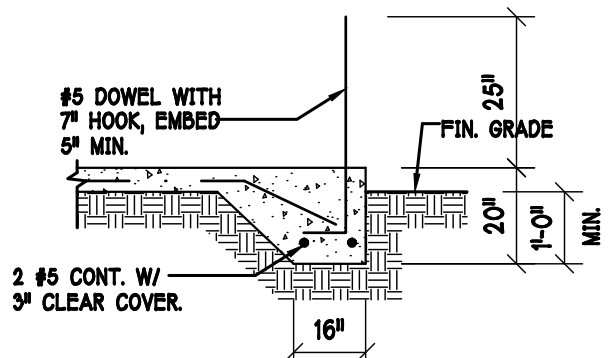
FOUNDATION PLAN: "A" SCALE: 3/16"=1'-0"



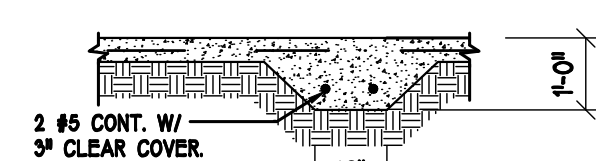
GARAGE DOOR RECESS
SCALE: 1/2" = 1'-0"



'F3' WITH CURB AT GARAGE



'F4' FOOTING



"F5" FOOTING

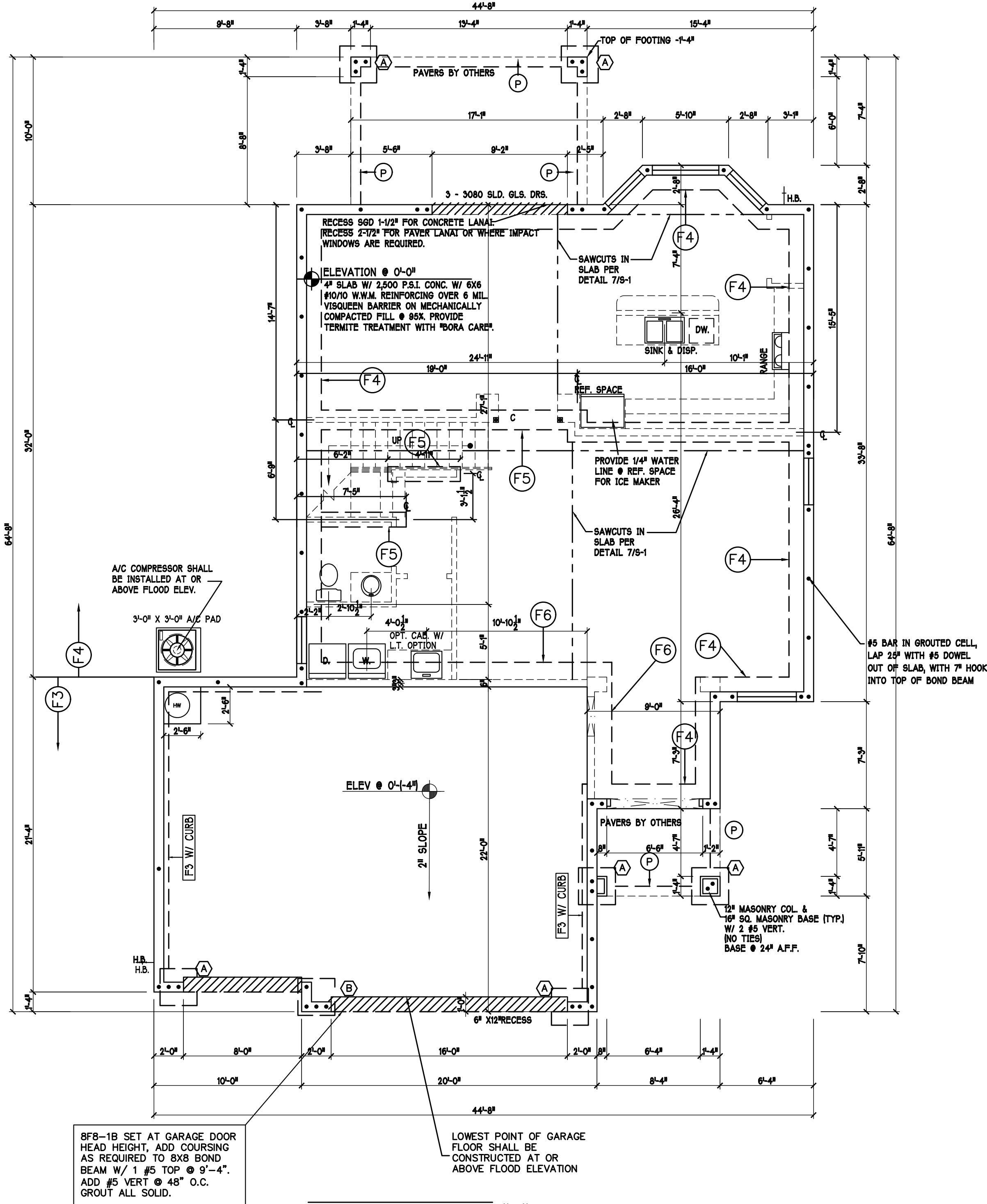
NOTE:
#5 BARS IN GROUTED CELLS
TO BE SPACED 4'-0" O.C. MAX.

FOR STRUCTURAL DESIGN CRITERIA OF FOUNDATION, SEE SHEET S-1.
PLAN NOTES:
1) TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0".
2) TOP OF EXTERIOR PAD FOOTING ELEVATIONS -1'-4".
3) 'F#' DENOTES CONTINUOUS WALL FOOTING TYPE PER SCHEDULE THIS SHEET.
4) 'P' DENOTES PAD FOOTING AT CONCENTRATED LOADS PER SCHEDULE THIS SHEET.
5) PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING TO BOND BEAM.
6) ALL DIMENSIONS ARE TO OUTSIDE FACE OF MASONRY WALLS. SOME SLAB EDGES MAY EXTEND BEYOND FACE OF WALL.
7) FOR DIMENSIONS OF ROUGH OPENINGS IN MASONRY WALLS, COORDINATE WITH WINDOW/DOOR SUPPLIER.
8) PROVIDE PRESSURE TREATED BUCKS AT WINDOWS / DOORS PER TABLE 2 ON A-6 AND DETAIL 13/S-1.

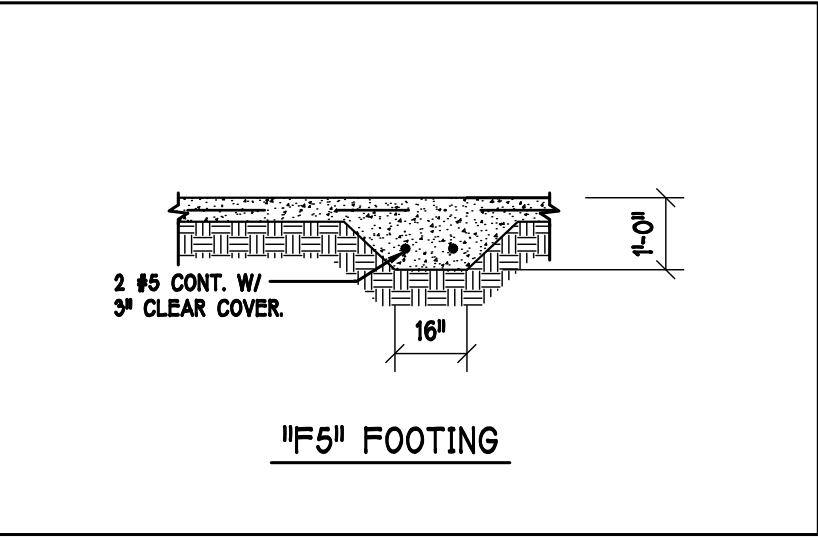
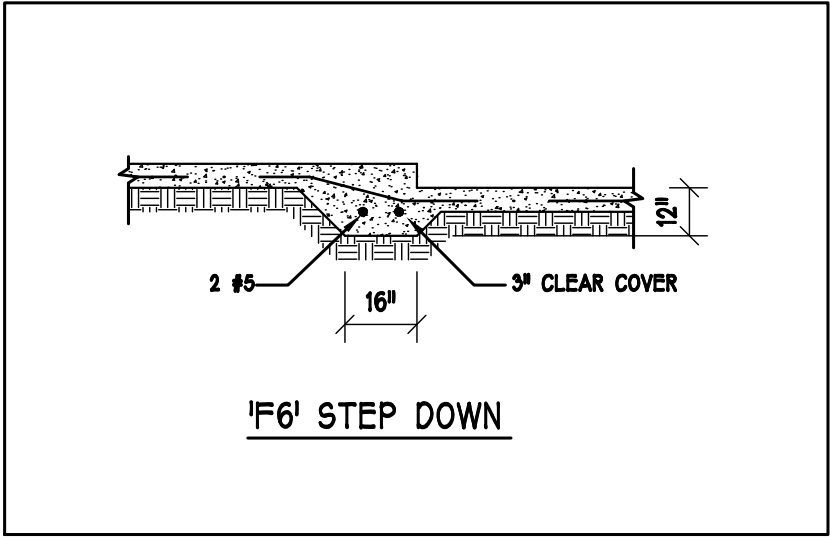
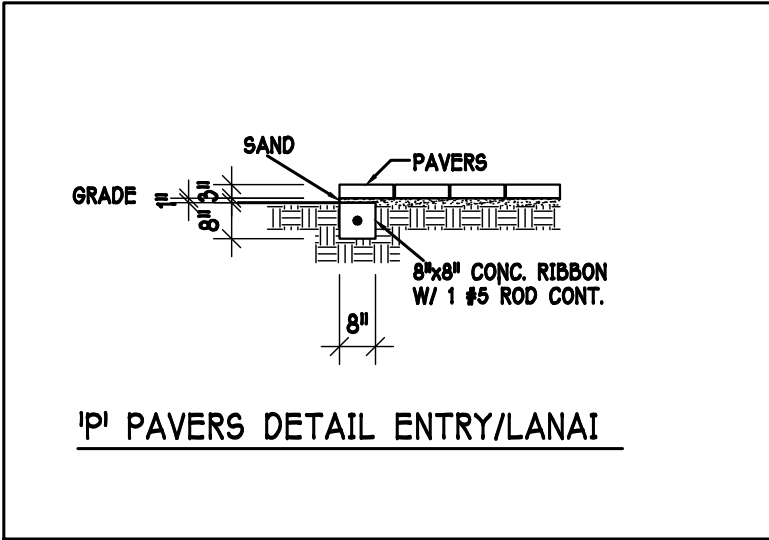
PAD FOOTING SCHEDULE							
TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		REMARKS	
				LONG WAY	SHORT WAY		
(A)	2'-6"	2'-6"	1'-0"	3-#5	3-#5	-	
(B)	3'-0"	3'-0"	1'-0"	4-#5	4-#5	-	
(C)	3'-6"	3'-6"	1'-0"	4-#5	4-#5	-	
(D)	4'-0"	4'-0"	1'-2"	5-#5	5-#5	-	
(E)	5'-0"	5'-0"	1'-2"	6-#5	6-#5	-	

WALL FOOTING SCHEDULE						
TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE	
(F1)	CONT.	1'-4"	0'-8"	2-#5		
(F2)	CONT.	1'-8"	0'-10"	2-#5		
(F3)	CONT.	1'-0"	1'-8"	2-#5		
(F4)	CONT.	1'-4"	1'-8"	2-#5		
(F5)	CONT.	1'-4"	1'-0"	2-#5		
(F6)	CONT.	1'-4"	1'-0"	2-#5		
(TE)	CONT.	0'-8"	0'-8"	1-#5		

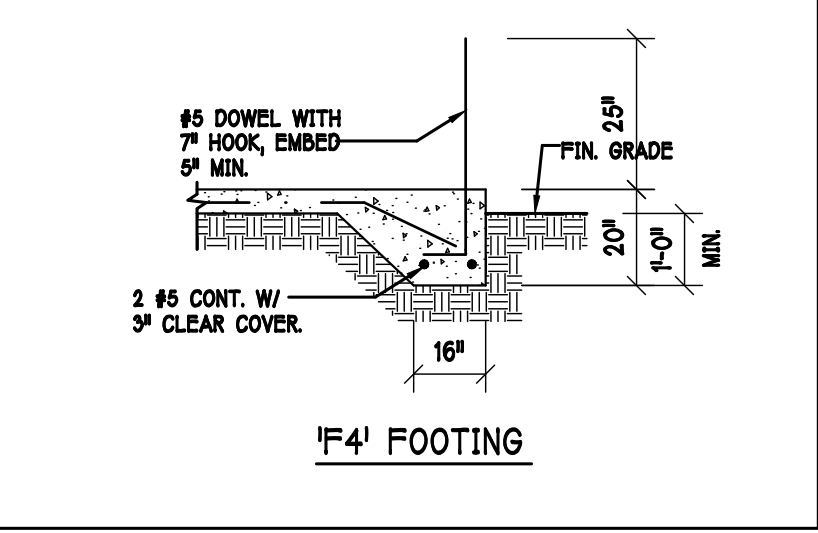
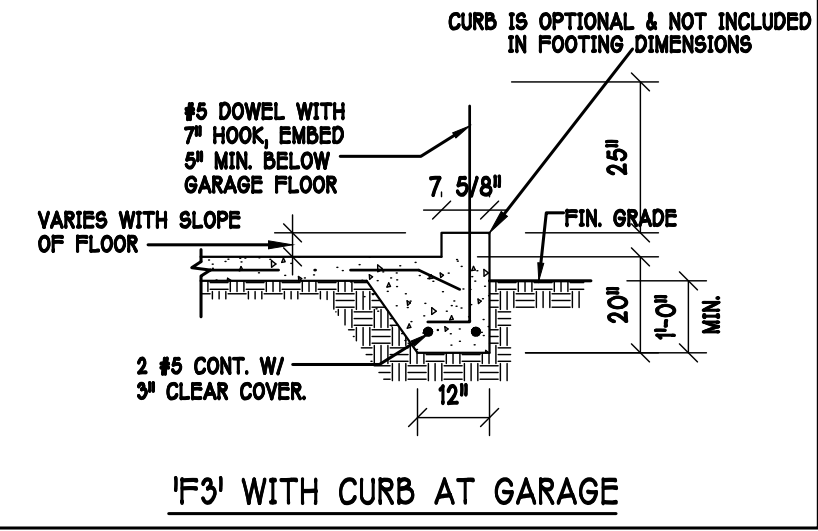
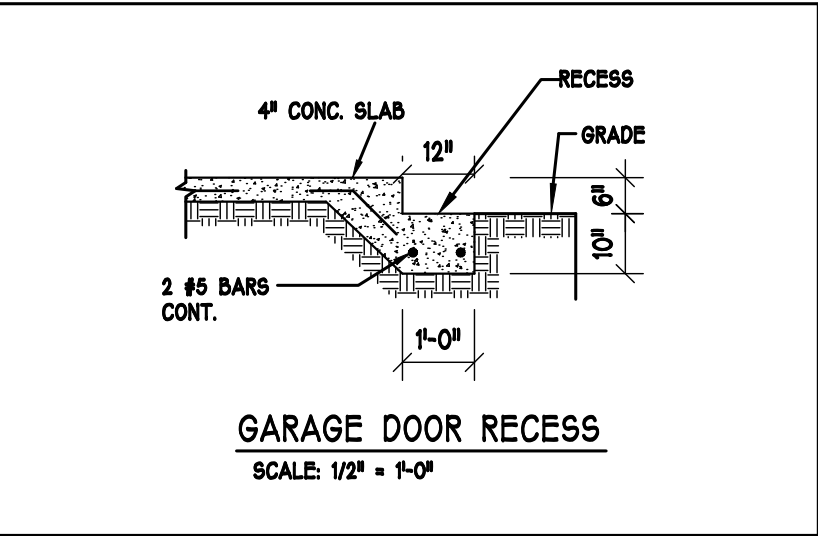
NOTE: REINFORCING IN FOOTINGS SHALL BE CONTINUOUS AT CORNERS AND INTERSECTIONS. ADD CORNER BAR 25"x25" AT EACH LONGITUDINAL BAR. PER 6/S-1.

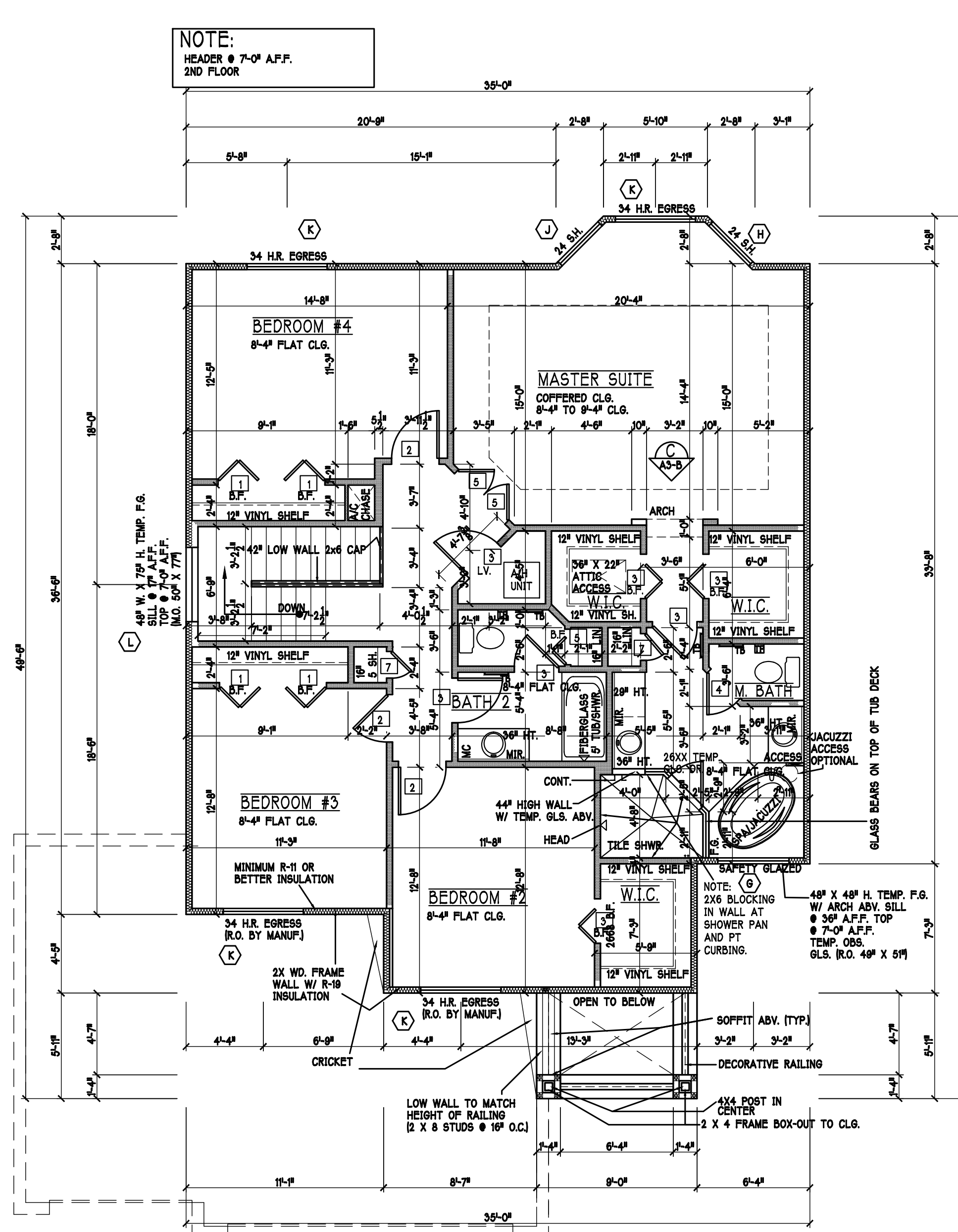


FOUNDATION PLAN: "B" SCALE: 3/16"=1'-0"

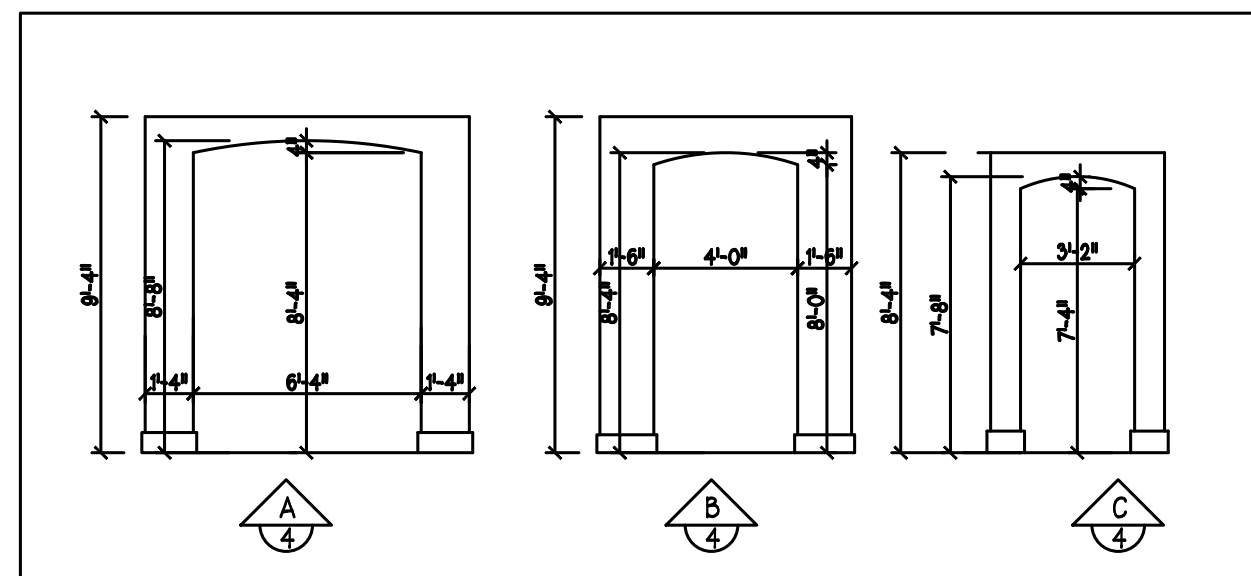
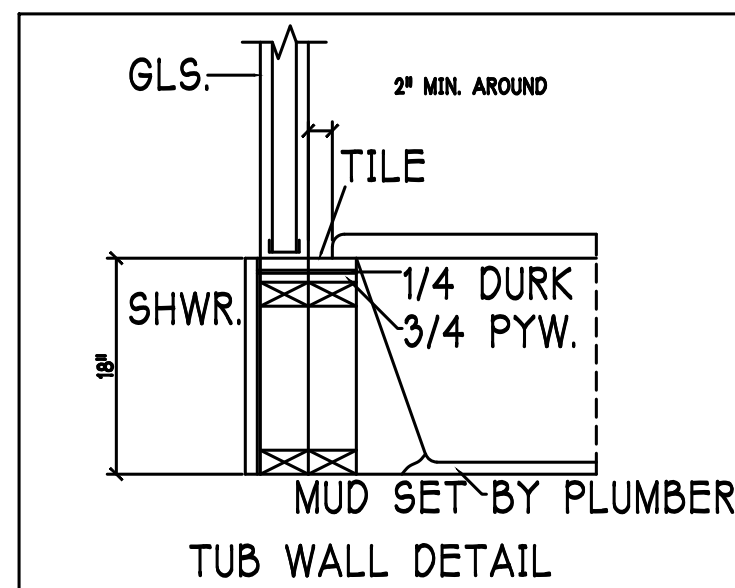


NOTE:
#5 BARS IN GROUTED CELLS
TO BE SPACED 4'-0" O.C. MAX.





2nd FLOOR PLAN: "B" SCALE: 3/16" = 1'-0"

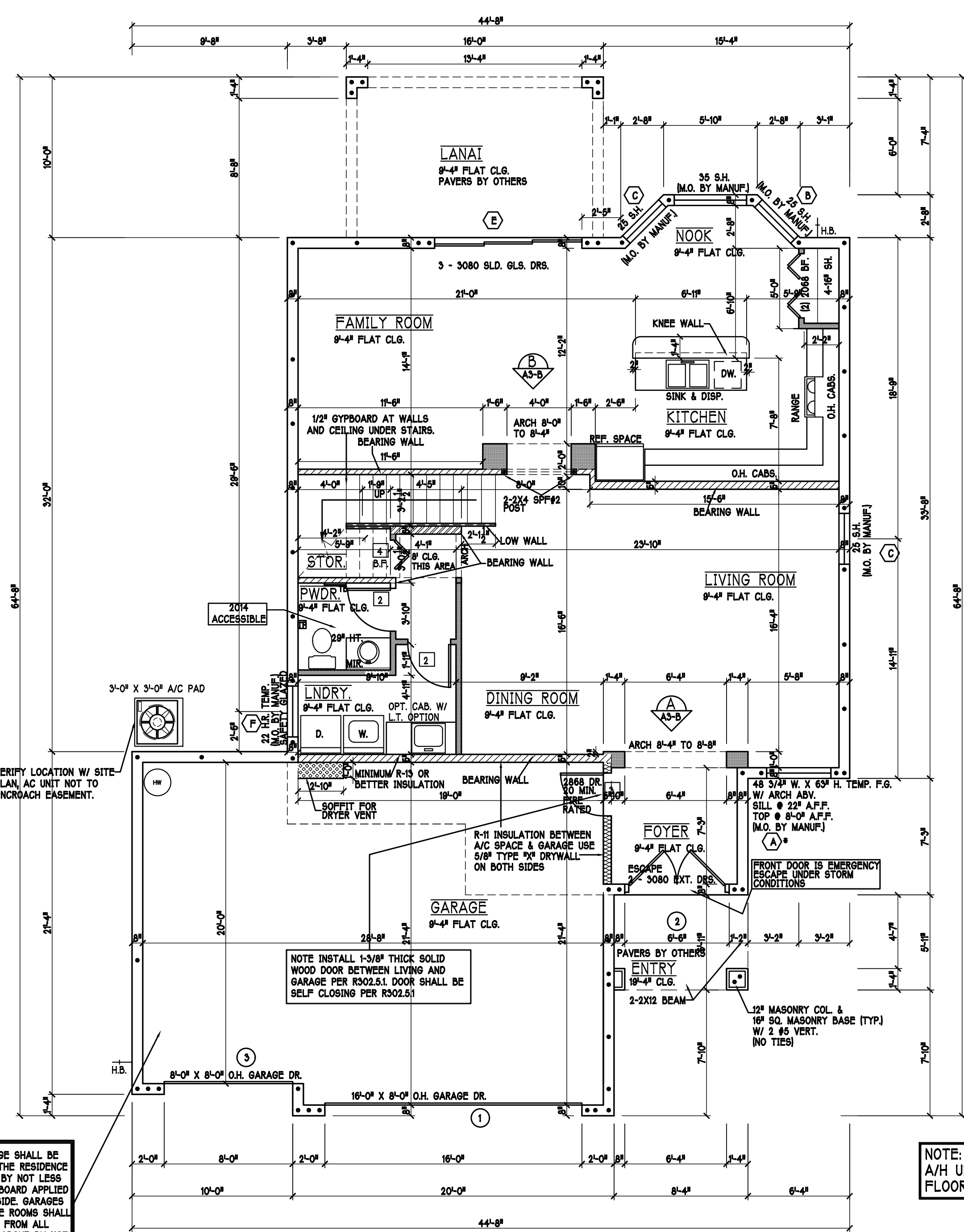


MARK	DOOR WIDTH	
1	3'-0"	P.K. = POCKET DOOR
2	2'-8"	B.F. = BI-FOLD DOOR
3	2'-6"	B.P. = BI-PASS DOOR
4	2'-4"	L.V. = LOUVERED DOOR
5	2'-0"	
6	1'-8"	
7	1'-6"	

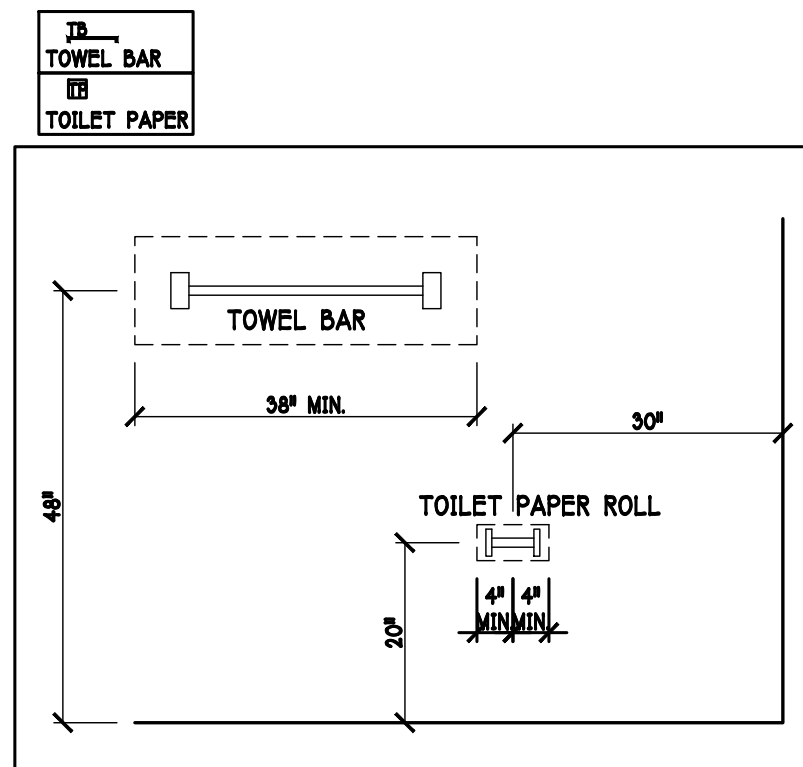
PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT DOOR.
(PER FLORIDA BUILDING CODE-R308.3.1)

NOTE:
PROVIDE SAFETY GLAZING AT BATH/SHWR.
SHALL COMPLY WITH R 308.3.1

***** NOTE: *****
STUB OUT FOR GAS & OUTDOOR KITCHEN,
RANGE, WATER HEATER, AND DRYER. VERIFY
WITH CONTRACT AND SUBDIV. SPECS.
A SEPARATE PERMIT IS REQUIRED
FOR GAS PIPING.



1st FLOOR PLAN: "B" SCALE: 3/16" = 1'-0"



NOTE:
TOP OF WINDOW @ 8'-0" A.F.F.
1ST FLOOR

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE B, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. Vmax=124 MPH						
MARK	SIZE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	ZONE	WIND PRESSURE
1	OVERHEAD	GARAGE DOOR	182	84	4	-23.3/-26.0
2	SWING DOOR	DISTINCTION	78	86	4	-27.7/-30.0
3	OVERHEAD	GARAGE DOOR	86	84	4	-24.3/-27.5

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE B, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. Vmax=124 MPH				
MARK	SIZE	PRODUCT DESCRIPTION	ZONE	WIND PRESSURE
A	F.6	S02L2X1	4	-27.7/-30.0
B	25	SH	5	-27.7/-30.0
C	25	SH	5	-27.7/-30.0
D	35	SH	5	-27.7/-30.0
E	8080	SL. GL. DOOR	5	-24.4/-26.7
F	22	HR	5	-27.7/-30.0
G	F.6	EB5LSB1X1 OBS.	4	-27.7/-30.0
H	24	HR	5	-27.7/-30.0
J	24	HR	5	-27.7/-30.0
K	34	HR	5	-27.7/-30.0
L	F.6	STAIRWAY	5	-27.7/-30.0

SQUARE FOOTAGE	
1ST FLOOR LIVING AREA	1247'
2ND FLOOR LIVING AREA	1307'
TOTAL LIVING AREA	2554'
GARAGE AREA	652'
ENTRY AREA	49'
LANAI AREA	160'
TOTAL AREA	3419'

FRAMERS NOTES:
NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING ON STUDS SHALL NOT EXCEED 24" O.C.
NON BEARING WALLS ONLY.

- PLAN NOTES:
- SEE EXTERIOR ELEVATION SHEET FOR DETAILS OF ALTERNATE WINDOW ARRANGEMENTS, ENTRY WALKS AND ADDITIONAL WALKS.
 - KITCHEN KNEE WALL 42 1/2" TO TOP USING 2x4 TOP PLATE.
 - MEDICINE CABINETS OPENING 14x18 TOP OF OPENING @ 72" / 5" OFF WALL.
 - JOB MUST BE BROOM SWEEP EVERYDAY.
 - VERIFY ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS.
 - PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE.
 - INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS.
 - WHERE DRYWALL CEILING IS APPLIED TO TRUSSES AT 24" O.C. USE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. 702.3.5.

CABINET BACKING		
KITCHEN	UPPER TOP @ 54", 64" & 96" MICROWAVE @ 102"	BASE TOP @ 35"
MASTER BATH	UPPER	BASE- TOP @ 35"
GUEST BATH	UPPER	BASE- TOP @ 35"
LAUNDRY RM.	UPPER TOP @ 64"	BASE

BATHROOM NOTES		
ALL TUB DECKS @ 2" A.F.F.		
ALL BLOCKING TO BE PT IN SHOWERS		
DOOR HEADERS		
6'-8" BIFOLD	HEADER HEIGHT	82" A.F.F.
6'-8" SWING	HEADER HEIGHT	82 1/2" A.F.F.
8'-0" SWING	HEADER HEIGHT	86 1/2" A.F.F.

VINYL SHELF NOTES:
1 ALL CLOSET SHELVES TO BE 12"
2 ALL PANTRY & LINEN TO BE 14" 16" SHELVES 18" O.P.F. WITH 12" INCREMENT.

DESIGN IN ACCORDANCE W/ THE 2014
RESIDENTIAL FLORIDA BUILDING
CODE- 5TH EDITION

STRUCTURAL ENGINEERING
STRUCTURAL SYSTEMS
OF NORTH FLORIDA
1034 S.E. 74th ST. SUITE 103
FORT LAUDERDALE, FL 33304
(954) 549-4354
FAX (954) 549-4354
CA# 18829

MODEL: UNIT 2554
RESIDENCE FOR: SPEC
LOT: BLOCK:
SUBDIV:
ADDRESS:
G.C.D.#: D.R.H.#:

DATE: 01-25-17
DRAWN BY: JSL
CHECKED BY: JWC
REVISED:
PLAN: FLOOR
SCALE: 3/16" = 1'-0"
SHEET#

A3-B

D.R. HORTON
America's Builder

Gulf Coast Drafting
& Design
Phone (239) 540-1822
Fax (239) 540-7759

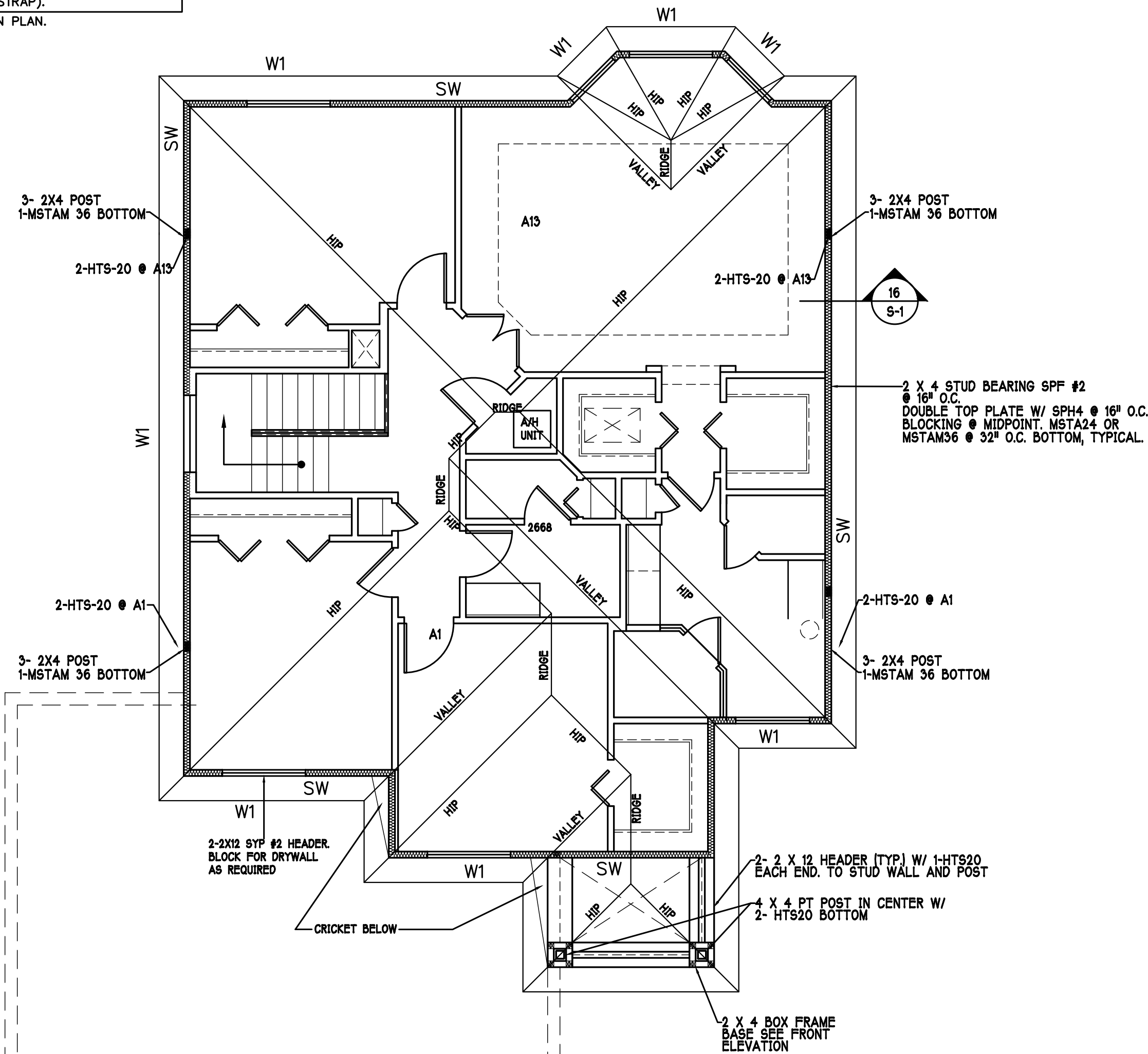
"SW" WOOD PANEL SHEARWALL SCHEDULE

1/2" CDX PLYWOOD OR 7/16" OSB OR ZIP SYSTEM WALL SHEATHING FASTENED w/ 8d COMMON NAILS @ 3" O.C. EDGE & 6" O.C. FIELD TO 2X4 SYP #2 OR 2X6 SPF #2 STUDS AT 16" O.C. WITH 2X4 BLOCKING AT ALL PANEL JOINTS. PROVIDE DOUBLE STUD AT EACH END OF SHEARWALL. (KING STUD AT HEADER MAY SERVE AS DOUBLE STUD). ANCHOR EACH END OF SHEARWALLS AS FOLLOWS:

AT 2ND FLOOR ABOVE MASONRY: 2-MSTAM36 STRAPS TO MASONRY BELOW WITH 8-10d NAILS TO STUD AND (4) 1/4" X 2 1/4" TAPCON TO MASONRY.

AT 2ND FLOOR ABOVE WOOD FRAMING: 2-MSTA24 STRAPS TO GIRDER BELOW WITH 22-10d NAILS (11 EACH END OF STRAP).

NOTES: SHEARWALLS ARE DESIGNATED "SW" ON PLAN.



DRAFTSTOPPING

R302.12 DRAFTSTOPPING: IN COMBUSTIBLE CONSTRUCTION WHERE THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR/CEILING ASSEMBLY, DRAFTSTOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1000 SQUARE FEET (92.9m²). DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS, WHERE THE ASSEMBLY IS ENCLOSED BY A FLOOR MEMBRANE ABOVE AND A CEILING MEMBRANE BELOW. DRAFTSTOPPING SHALL BE PROVIDED IN FLOOR/CEILING ASSEMBLIES UNDER THE FOLLOWING CIRCUMSTANCES:

1. CEILING IS SUSPENDED UNDER THE FLOOR FRAMING.
2. FLOOR FRAMING IS CONSTRUCTED OF TRUSS-TYPE OPEN-Web OR PERFORATED MEMBERS.

R302.12.1 MATERIALS: DRAFTSTOPPING MATERIALS SHALL NOT BE LESS THAN 1/2" (12.7mm) GYPSUM BOARD, 3/8" (9.5mm) WOOD STRUCTURAL PANELS OR OTHER APPROVED MATERIALS ADEQUATELY SUPPORTED. DRAFTSTOPPING SHALL BE INSTALLED PARALLEL TO THE FLOOR FRAMING MEMBERS UNLESS OTHERWISE APPROVED BY THE BUILDING OFFICIAL. THE INTEGRITY OF THE DRAFTSTOPS SHALL BE MAINTAINED.

PLAN NOTES:

- 1) ROOF TRUSS BEARING ELEVATION VARIES, SEE PLAN.
- 2) ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-1.
- 3) PROVIDE STRAPPING AT ROOF TRUSSES AND STUD BEARING WALLS PER NOTES ON THIS SHEET.
- 4) FOR NAILING OF ROOF DECK, SEE DETAIL 1 AND 2 ON SHEET S-1 AND TABLE 3 ON A-6.
- 5) NAIL MULTI-PLY WOOD POSTS AND BEAMS PER DETAIL 11/S-1.
- 6) "SW" DENOTES WOOD PANEL SHEARWALL PER SPECIFICATION ON THIS SHEET.

TRUSS STRAPPING TO STUD WALL/WOOD BEAM

MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
840	(1)MTS12 TO 20	14-10dx1 1/2"
1680	(2)MTS12 TO 20	14-10dx1 1/2"
2520	(3)MTS12 TO 20	14-10dx1 1/2"
1450	(1)HTS20 TO 30	24-10dx1 1/2"
2900	(2)HTS20 TO 30	24-10dx1 1/2"
4350	(3)HTS20 TO 30	24-10dx1 1/2"
5800	(4)HTS20 TO 30	24-10dx1 1/2"

NOTES:

- 1) PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
- 2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS.

REV 2

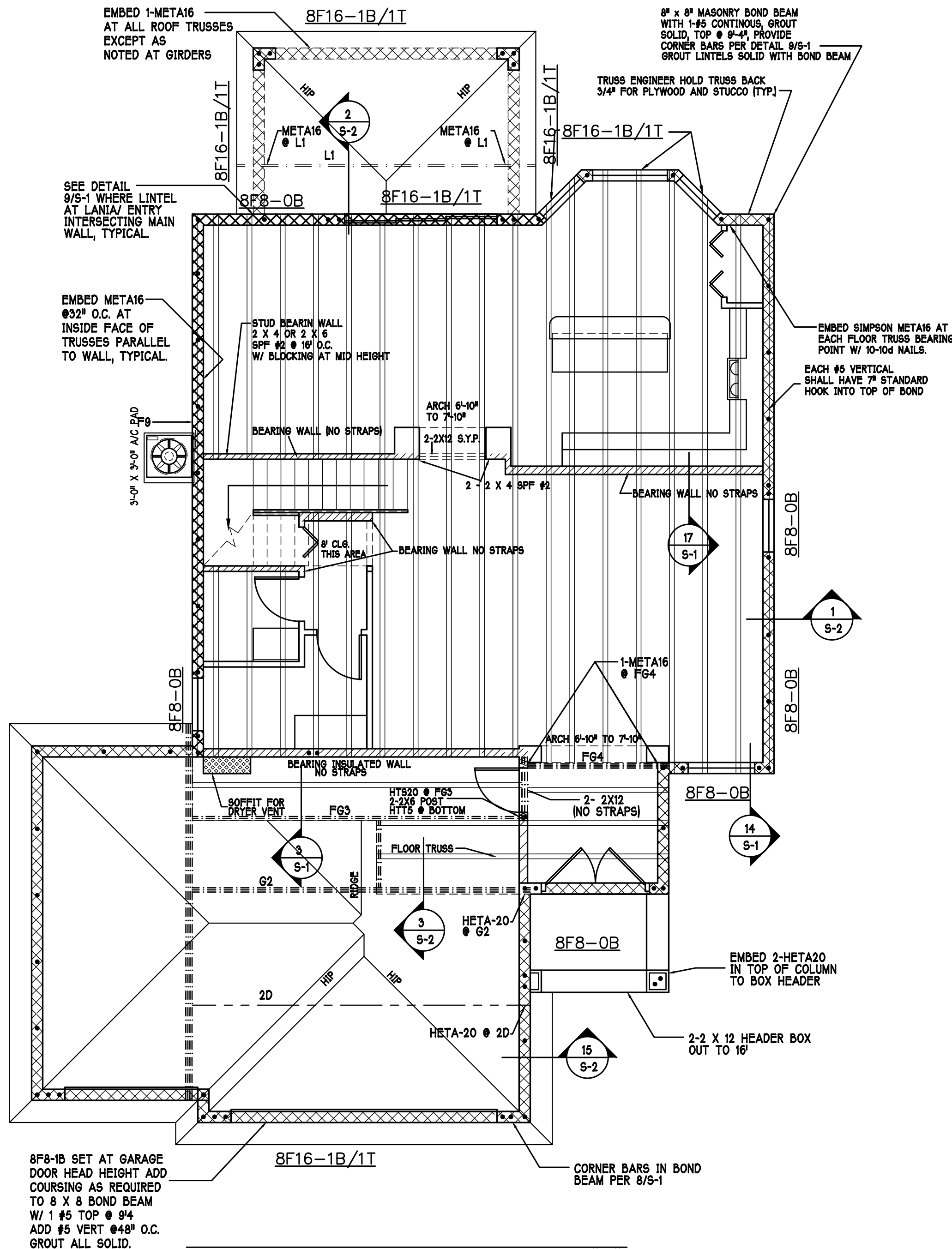
CONVERSION FROM SIMPSON TO USP CONNECTORS

THE FOLLOWING USP HARDWARE LISTED HAVE EQUAL OR GREATER CAPACITY THAN THE EQUIVALENT SIMPSON PRODUCT, THEREFORE THE PRODUCTS ARE DIRECT SUBSTITUTIONS WITH NO NEED TO CHECK THE VALUES. THE VALUES ARE LISTED FOR CONVENIENT REFERENCE

Category	Simpson	Pounds	USP	Pounds
Misc	H2.5A	U=535	RTA	U=565
Truss straps	HT0A	U=1015	RT6A	U=1160
Embedded Straps	1-META16	U=1450	1-HTA16-18	U=1625
	2-META16 (1 ply)	U=1985	2-HTA16-18 (1 ply)	U=2430
	2-META16 (2 ply)	U=1900	2-HTS16-18 (2 ply)	U=2800
	1-META20	U=1810	1-HTA20	U=1870
	2-META20 (1 ply)	U=2035	2-HTA20 (1 ply)	U=2430
	2-META20 (2 ply)	U=2500	2-META20 (2 ply)	U=3170
Twisted Straps	MTS16	U=860	MTW16	U=1005
	HTS20	U=1245	HTW20	U=1285
	HTSM16	U=1020	HTWM16	U=1145
	HTSM20	U=1020	HTWM20	U=1145
Flat Straps	MSTA12	U=810	MSTA12	U=810
	MSTA18	U=1455	MSTA18	U=1455
	MSTA24	U=1455	MSTA24	U=1455
	MSTA36	U=1500	MSTA36	U=1945
	MSTA36	U=1870	MSTA36	U=1945
Coil Straps	CS18-R	U=1370	RS18-R	U=1375
	CS16-R	U=1705	RS16-R	U=1730
Stud Straps	SPH4	U=1065	SPTH4	U=1730
	SPH6	U=1065	SPTH6	U=1730
	SPH8	U=1065	SPTH8	U=1730
	SP1	U=535 (SPF)	SP122	U=645 (SPF)
	SP2	U=605 (SPF)	SP124	U=670 (SPF)
Anchors	LT120B	U=1290 (SPF)	HT145	U=5005 (SPF)
		U=3640 (SPF)	HT145 (1/2" HIGH)	U=5005 (SPF)
		U=4235 (SIP)	HT14 (1/2" HIGH)	U=3885 (SPF)
		U=4075 (SPF)	HT14 (1/2" HIGH)	U=3885 (SPF)
		U=4075 (SPF)	HT14 (1/2" HIGH)	U=3885 (SPF)

THE FOLLOWING USP HANGERS MEET JOB SPECIFIC LOAD REQUIREMENTS (EVEN THOUGH SOME DO NOT EXCEED THE SIMPSON RATINGS)

Hangers	HTU26 (To Wood)	U=670 R=2735	HD26	U=2265 R=2645
Model: 3946	LGUM28-2 SDS (To Wood)	U=2435 R=8250	LGUM28-2 SDS	U=2770 R=8155
Model: 2178	LGUM28-3 SDS (To Wood)	U=2435 R=8290	LGUM28-3 SDS	U=2770 R=8155
Model: 151955	LU28 (To Wood)	U=850 R=1335	AL28	U=885 R=1295
Model: 1585	HL26 (To Masonry)	U=290 R=1545	HD28	U=595 R=2000
Townhome	HL28 (To Masonry)	U=575 R=2400	HD210	U=595 R=3110
Model: 3103	HL410 (To Masonry)	U=1085 R=4350	HD410	U=1305 R=5000
Townhome	HL410 (To Masonry)	U=1810 R=5085	HD412	U=1305 R=5750
Model: 4377, 2583	HUS26 (To Wood)	U=1550 R=2950	HUS26	U=1925 R=2760
Model: 2587	HUS26 (To Wood)	U=1165 R=940	HUS26	U=1115 R=870
Model: 4377	HUS26-2 (To Masonry)	U=1085 R=4350	HD210-2F	U=1305 R=5000
Model: 2587	HUS26-3 (To Wood)	U=3235 R=7460	HDH28-3	U=2665 R=7785
Model: 3608, 5300	MH13.56/11.25 KT (To Masonry)	U=1720 R=2440	UMH358	U=3550 R=3550
1983				



BEARING HEIGHT

BEARING @ 18-4\"/>

BEARING @ 9-4\"/>

STUDS @ 9-4\"/>

NOTE: AIR HANDLER UNIT INSTALLED UP IN ATTIC

GUARDRAILS PER FBOR 2014

GUARDRAILS ARE TRULY A MANUFACTURED PRODUCT AND ARE NOT DESIGNED BY THE STRUCTURAL ENGINEER OF RECORD. THE GUARDRAIL MFR. SHALL BE RESPONSIBLE TO PROVIDE A DESIGN, INCLUDING FASTENINGS TO THE STRUCTURE, TO SATISFY CODE REQUIREMENTS.

R312.1 Guards required - 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 36 inches horizontally to the edge of the open side. Insect screening shall not be considered as a guard.

R312.2 Height - Required guards at open-sided walking surfaces, including stairs, porches, balconies or landings, shall be not less than 36 inches high measured vertically above the adjacent walking surface, adjacent fixed seating or the line connecting the leading edges of the treads.

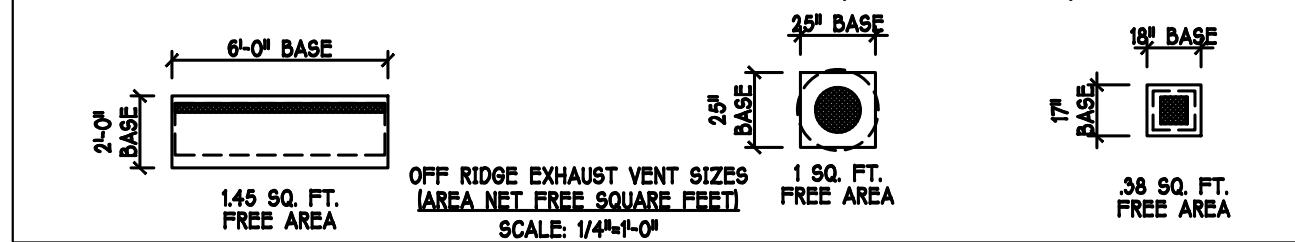
Exceptions:

1. The triangular openings at the open side of a stair, formed by the riser, tread and bottom rail of a guard, shall not allow passage of a sphere 6 inches in diameter.
2. Guards on the open sides of stairs shall not have openings which allow passage of a sphere 4-3/8 inches in diameter.
3. Guards on the open sides shall be able to resist a single concentrated load of 200 pounds applied in any direction at any point along the top.

FBOR 1607.7.1.2 - Intermediate rails, balusters and panel fillers shall be designed to withstand a horizontal applied normal load of 50 pounds on an area equal to 1 square foot including openings and space between rails.

ATTIC VENTILATION

verify venting requirements with energy calculations	WITHOUT OFF RIDGE VENTS O.R.V.	WITH OFF RIDGE VENTS O.R.V.
ATTIC AREA (FBC R806)	VENTILATION REQUIRED (ATTIC AREA / 150)	VENTILATION REQUIRED (ATTIC AREA / 150)
mark	square footage	square footage
①	1413 SQ. FT.	9.42 SQ. FT.
②	301 SQ. FT.	2.01 SQ. FT.
③	160 SQ. FT.	1.07 SQ. FT.
	ATTIC VENTILATION CALCULATION: attic sq. ft. / 150 = vented sq. ft.	ATTIC VENTILATION CALCULATION: attic sq. ft. / 300 = vented sq. ft.



TRUSS STRAPPING TO MASONRY	CONNECTOR	FASTENER
MAX TRUSS UPLIFT @ 24" OC (LBS)		
1450	(1)META16 TO 40	9-10dx1 1/2", EMBED 4"
1810	(1)META16 TO 40	10-10dx1 1/2", EMBED 4"
2235	(1)HETA16 TO 40	12-10dx1 1/2", EMBED 4"
1985 (1 PLY)	(2)META12 TO 40	12-10dx1 1/2", EMBED 4"
1900 (2 PLY)	(2)META12 TO 40	14-16d, EMBED 4"
2500 (2 PLY)	(2)HETA12 TO 22	14-16d, EMBED 4"
2500 (2 PLY)	(2)HETA12 TO 22	14-16d, EMBED 4"

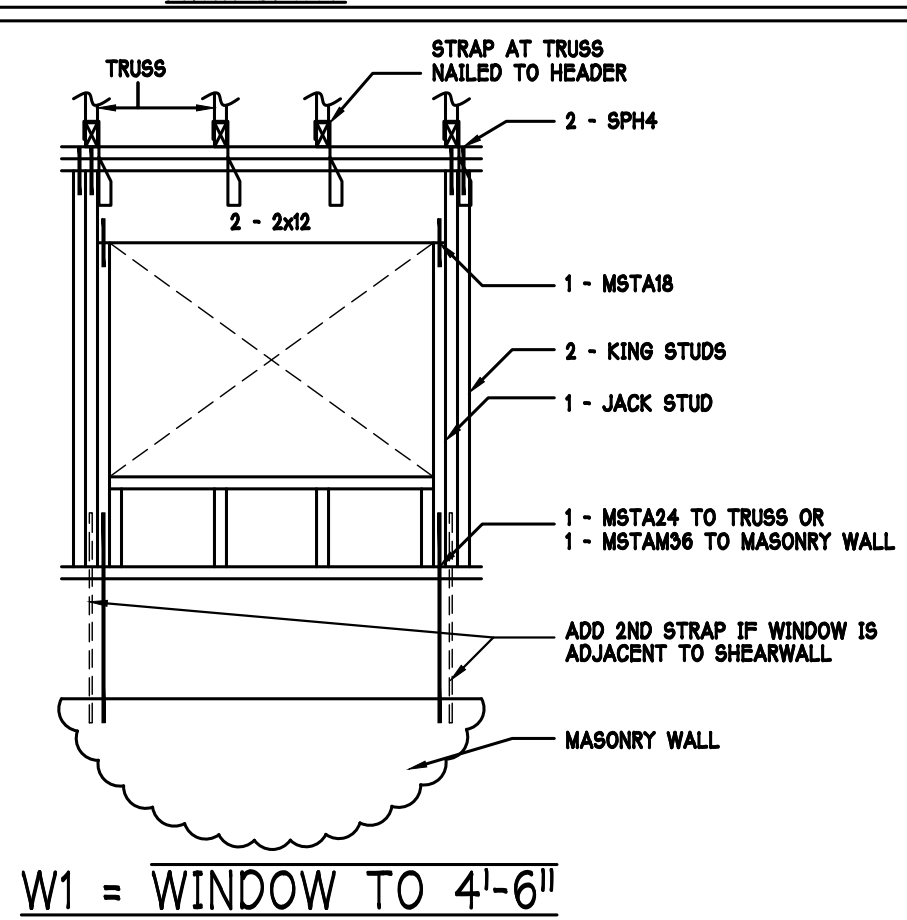
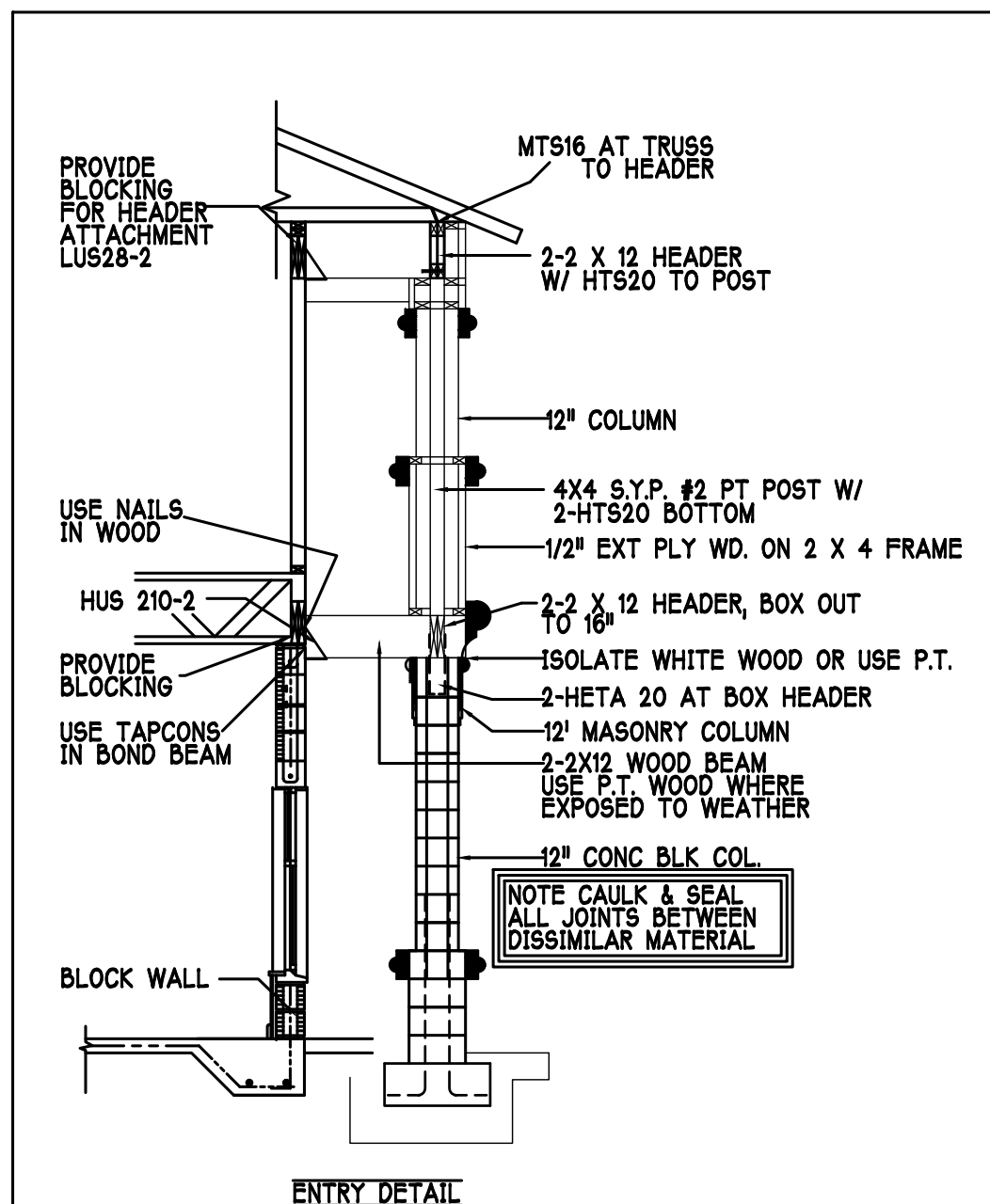
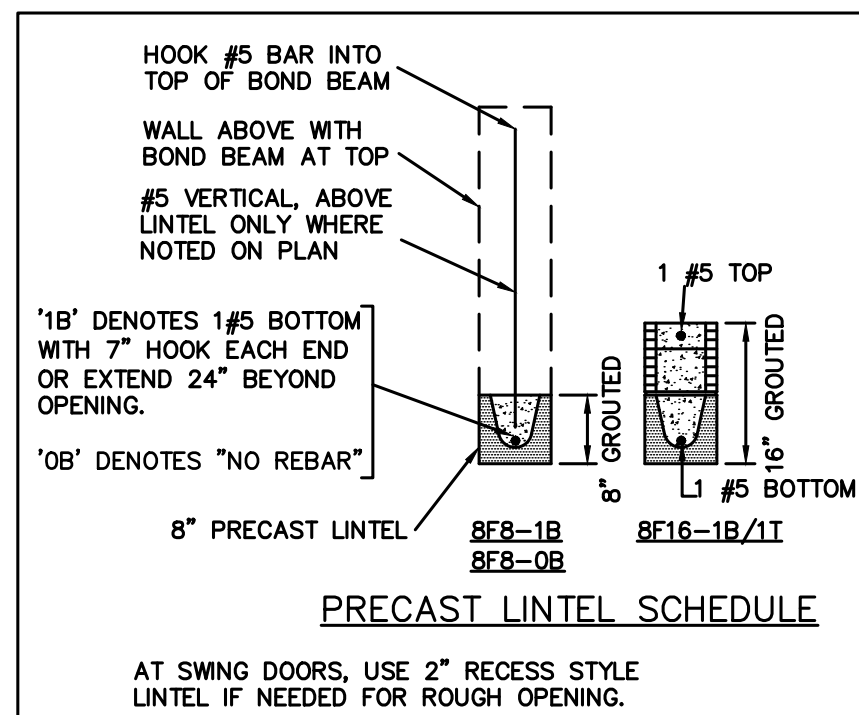
INSTALL META16 AT ALL TRUSSES TO 1450 lb UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.

NOTES:

- 1) PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE AND SUITABLE FOR THE GEOMETRY. EMBED STRAP ON @ OF WALL.
- 2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
- 3) WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 10/S-1.

REV 2

TRUSSES BEARING CONDITIONS AND STRAPPING IS BASED ON TRUSS LAYOUT PREPARED BY RAYMOND, JOB # 0098506M3



DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL FLORIDA BUILDING CODE- 5TH EDITION

D-R-HORTON
America's Builder

Gulf Coast Drafting & Design
Phone (239) 540-1822
Fax (239) 540-7759

STRUCTURAL ENGINEERING
STRUCTURAL SYSTEMS
OF NORTH FLORIDA
1634 SE 47th ST SUITE #3
CAESAR'S CREEK
FORT MYERS, FL 33904
COW 8889

MODEL: UNIT 2554
RESIDENCE FOR: SPEC
BLOCK: LOT:
SUBDIV: ADDRESS:
DR.H#: G.C.D.#:

DATE: 01-25-17

DRAWN BY: JWC

CHECKED BY: JWC

REVISED:

PLAN: ROOF

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

SHEET#

A4-A

1/2" CSD PLYWOOD OR 7/16" OSB OR ZIP SYSTEM WALL SHEATHING FASTENED W/ 8d COMMON NAILS @ 3" O.C. EDGE & 6" O.C. FIELD TO 2X4 SYP. JOIST. PROVIDE 2X6 STUDS @ 16" O.C. WITH 2X4 BLOCKING AT 4' ON CENTER JOIST. PROVIDE DOUBLE STUD AT EACH END OF SHEARWALL (KING STUDS AT HEADER MAY SERVE AS DOUBLE STUD). ANCHOR EACH END OF SHEARWALLS AS FOLLOWS:

AT 2ND FLOOR ABOVE MASONRY: 2-M24M36 STRAPS TO MASONRY BELOW WITH 8-10d NAILS TO STUD AND (1/4" x 1/4" x 1/4" TAPCON TO WALL)

AT 2ND FLOOR ABOVE WOOD FRAMING: 2-M2424 STRAPS TO GIRDER BELOW WITH 2-10d NAILS (11 EACH END OF STRAP).

NOTES: SHEARWALLS ARE DESIGNATED 'SW' ON PLAN.



RS02.12 DRAFTSTOPPING: IN COMBUSTIBLE CONSTRUCTION WHERE THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR/CEILING ASSEMBLY, DRAFTSTOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1,000 SQUARE FEET (92.9m²). DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS. WHERE THE ASSEMBLY IS ENCLOSED BY A FLOOR MEMBRANE ABOVE AND A CEILING MEMBRANE BELOW, DRAFTSTOPPING SHALL BE PROVIDED IN FLOOR/CEILING ASSEMBLIES UNDER THE FOLLOWING CIRCUMSTANCES:

1. CEILING IS SUSPENDED UNDER THE FLOOR FRAMING.
2. FLOOR FRAMING IS CONSTRUCTED OF TRUSS-TYPE OPEN-WEB OR PERFORATED MEMBERS.

R302.12.1 MATERIALS: DRAFTSTOPPING MATERIALS SHALL NOT BE LESS THAN 1/2" (12.7mm) GYPSUM BOARD, 3/8" (9.5mm) WOOD STRUCTURAL PANELS OR OTHER APPROVED MATERIALS ADEQUATELY SUPPORTED. DRAFTSTOPPING SHALL BE INSTALLED PARALLEL TO THE FLOOR FRAMING MEMBERS UNLESS OTHERWISE APPROVED BY THE BUILDING OFFICIAL. THE INTEGRITY OF THE DRAFTSTOPS SHALL BE MAINTAINED.

- 1) ROOF TRUSS BEARING ELEVATION VARIES, SEE PLAN.
- 2) ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-1.
- 3) PROVIDE STRAPPING AT ROOF TRUSSES AND STUD BEARING WALLS PER NOTES ON SHEET S-1.
- 4) FOR NAILING OF ROOF DECK, SEE DETAIL 1 AND 2 ON SHEET S-1 AND TABLE 3 ON A-6.
- 5) NAIL MULTY-PLY WOOD POSTS AND BEAMS PER DETAIL 11/S-1.
- 6) 'SW' DENOTES WOOD PANEL SHEARWALL PER SPECIFICATION ON THIS SHEET.

REV 2

NOTES:

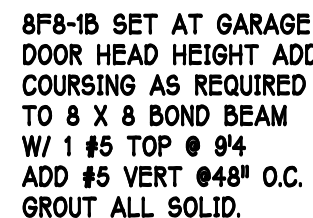
- 1) PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
- 2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS.

THE FOLLOWING USP HARDWARE LISTED HAVE EQUAL OR GREATER CAPACITY THAN THE EQUIVALENT SIMPSON PRODUCT, THEREFORE THE PRODUCTS ARE DIRECT SUBSTITUTIONS WITH NO NEED TO CHECK THE VALUES. THE VALUES ARE LISTED FOR CONVENIENT REFERENCE

Category	Simpson	Pounds	USP	Pounds
Misc	H2.54	535	RT74	565
Truss Straps	H10A	1015	RT6A	1160
Embedded Straps	1-META16	1450	1-HTA16-18	1625
	2-META16 (1 ply)	1985	2-HTA16-18 (2 ply)	2430
	2-META16 (2 ply)	1900	2-HTS16-18 (2 ply)	2800
	2-HETA20 (1 ply)	2300	1-HTA20-22	1930
	2-HETA20 (1' ply)	2500	2-HTA20 (1 ply)	2430
Twisted Straps	1-HETA20	2525	2-HETA20 (2 ply)	3170
	MTS16	860	MTW16	1005
	HTS20	1245	HTW20	1285
	HTM16	1020	HTW16	1145
	HTM20	1020	HTW20	1145
Flat Straps	MTA12	1050	MTS12	1080
	MTA16	1130	MTS16	1130
	MTA24	1455	MTS24	1455
	MTM24	1500	MTM36	1945
	MTM36	1870	MTM36	1945
Coil Straps	CS16-R	1370	RS16-R	1375
	C318-R	1705	RS18-R	1720
Stud Straps	SP14	1065	SPH14	1130
	SP16	1065	SPH16	1130
	SPH8	1065	SPH8	1130
	SP12	535 (SPF)	SP12	645 (SPF)
	SP2	605 (SPF)	SP22	970 (SPF)
Anchors	LT720	1290 (SPF)	HTT45	5005 (SPF)
	HTT45 (12½" HIGH)	3640 (SPF)	HTT45 (12" HIGH, VARYING)	5005 (SPF)
		4235 (SPF)	HTT45 (10" HIGH, VARYING)	5005 (SPF)
	HTT5 (16" HIGH)	4015 (SPF)	HTT45 (16" HIGH, VARYING)	5005 (SPF)
		4015 (SPF)	HTT45 (14" HIGH, VARYING)	5005 (SPF)

HTU26	U=670 R=2735	THD26
-------	--------------	-------

Hangers	HTU26 (To Wood)	U=670 R=2735	THG26	U=2265 R=2645
Model 3946	GLM26-2 (To Wood)	U=2435 R=8290	GLM26-2 - 2S	U=2770 R=8155
Model 2178	GLM26-3-3S (To Wood)	U=2435 R=8290	GLM26-3 - 3S	U=2770 R=8155
Model 191955	LU28 (To Wood)	U=850 R=1335	JL28	U=885 R=1295
Model 1585	HU28 (To Masonry)	U=290 R=1540	H28	U=595 R=2000
Tenonhane	HU28 (To Masonry)	U=575 R=2405	HD18	U=595 R=3110
Model 3103	HU45 (To Masonry)	U=1085 R=4350	HD410	U=1305 R=5000
Tenonhane	HU45 (To Masonry)	U=1810 R=5950	H412	U=1305 R=5750
Model 4377, 2563	HU520 (To Wood)	U=1510 R=2085	HU52	U=1925 R=2760
Model 2567	LU506 (To Wood)	U=1165 R=940	JU526	U=1115 R=870
Model 4377	HG28-2 (To Wood)	U=1085 R=4350	HD410-2F	U=1305 R=5000
Model 4377	HG28ZB-3 (To Wood)	U=3285 R=6760	THD2B-3	U=2665 R=7785
Model 3609, 3500, 1983	MBH13.56/11.25 XT 1983	U=1720 R=2440	UMH358	U=3550 R=5550



1ST FLOOR AND LOWER ROOF PLAN "A": SCALE: 3/16" = 1'-0"

 = BEARING @ 19'-4" A.F.F.
 = BEARING @ 9'-4" A.F.F.
 = STUDS @ 8'-4"

NOTE: AIR HANDLER UNIT
INSTALLED UP IN ATTIC

verify venting requirements with energy calculations		WITHOUT OFF RIDGE VENTS O.R.V.		WITH OFF RIDGE VENTS O.R.V.	
ATTIC AREA (FBC R806)		VENTILATION REQUIRED (ATTIC AREA 1/150)		VENTILATION REQUIRED (ATTIC AREA 1/300 INSTALL PER FBC R806.2 MINIMUM AREA REQUIREMENTS)	
mark	equare footage	off ridge vents	MIN AIR FLOW OF 50CFM	total ventilation	off ridge vents OF 50CFM
①	1413 SQ. FT. 1413 SQ. FT. FOUNDRY	O.R.V.	NOT USED	O.R.V.	NOT USED
②	301 SQ. FT. 301 SQ. FT. FOUNDRY	O.R.V.	NOT USED	O.R.V.	NOT USED
③	160 SQ. FT. 160 SQ. FT. FOUNDRY	O.R.V.	NOT USED	O.R.V.	NOT USED
		ATTIC VENTILATION CALCULATION: attic sq. ft. / 150 = vented sq. ft.		ATTIC VENTILATION CALCULATION: attic sq. ft. / 300 = vented sq. ft.	

6" BASE

2" BASE

145 SQ. FT.
FREE AREA

25" BASE

25" BASE

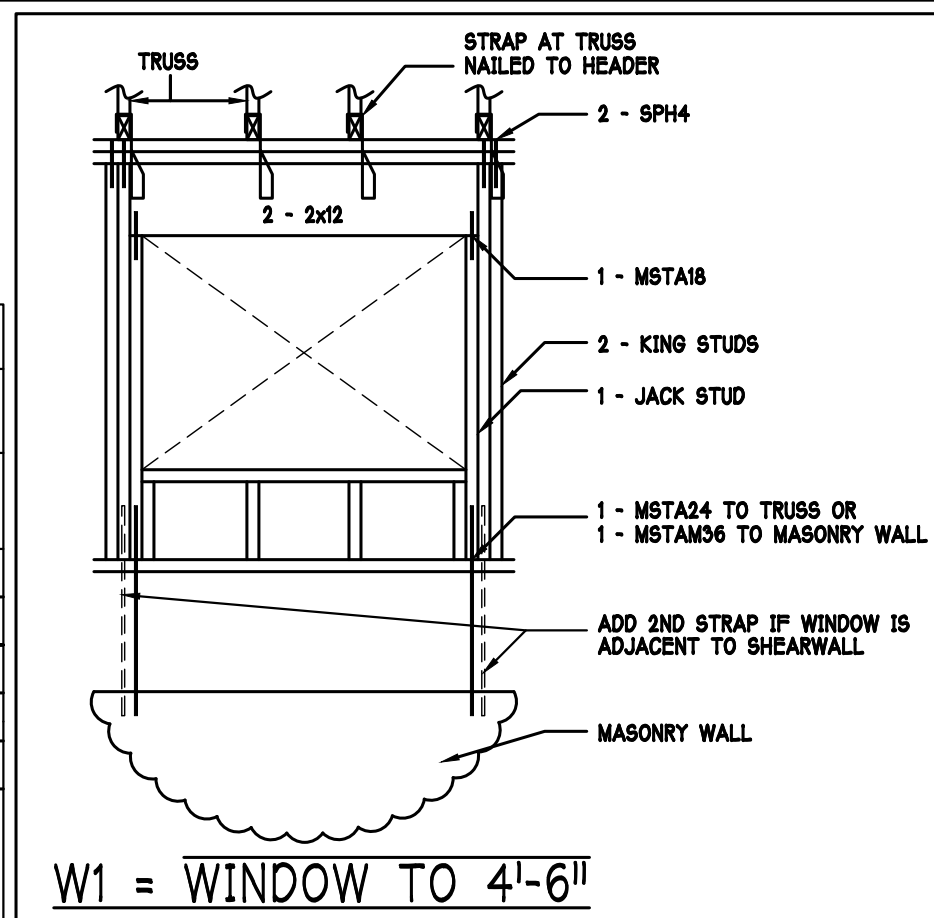
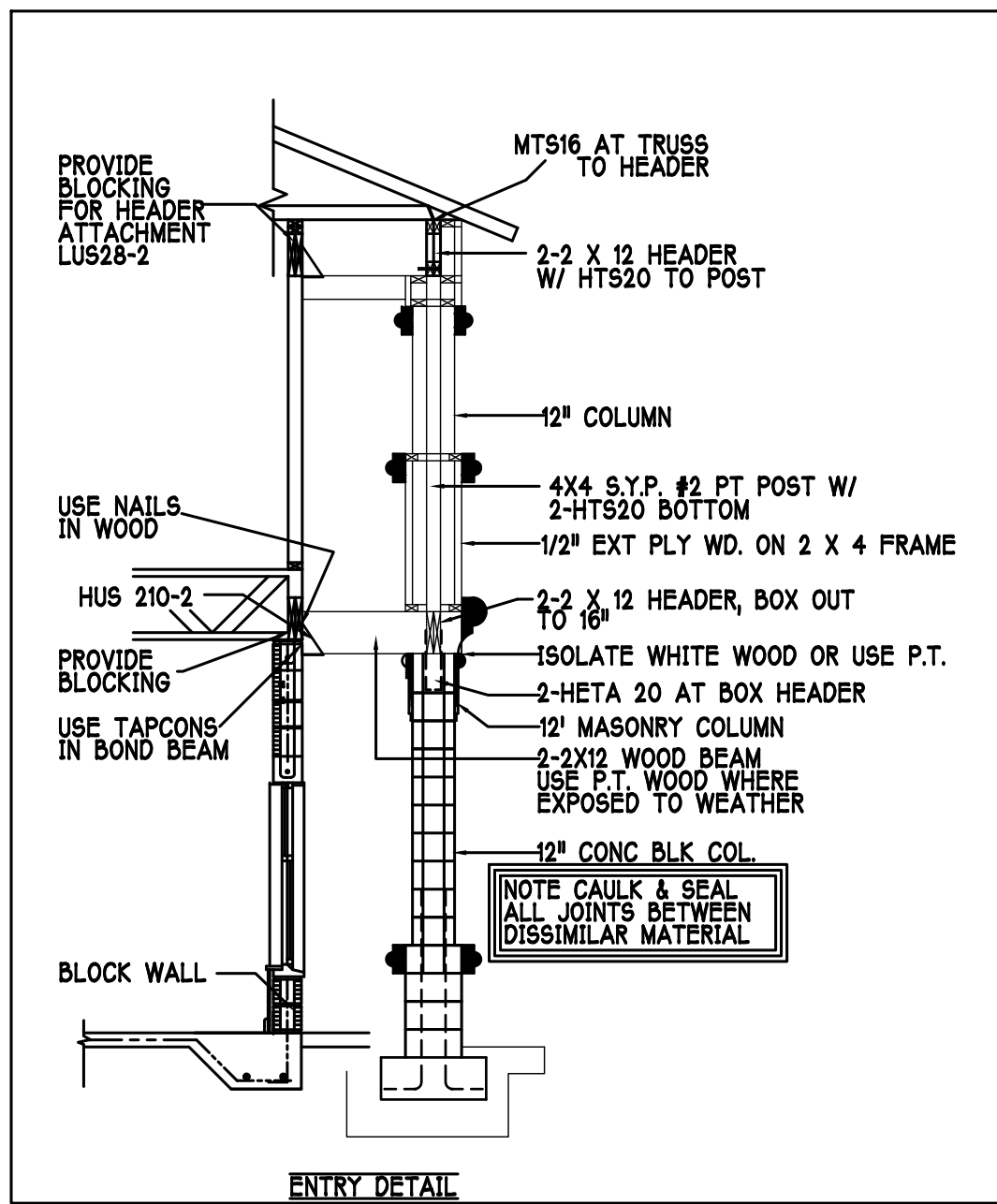
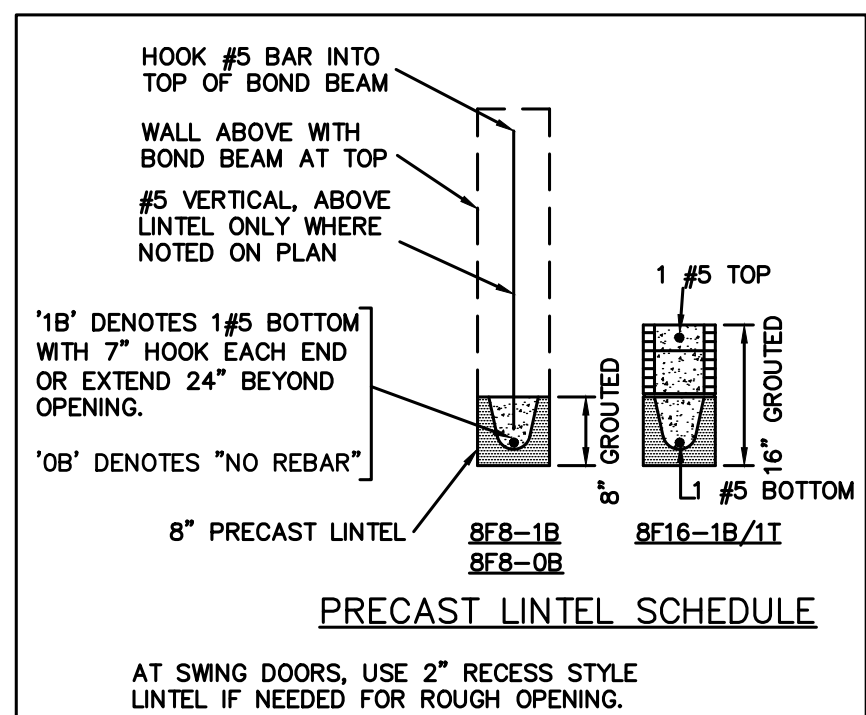
1 SQ. FT.
FREE AREA

18" BASE

17" BASE

38 SQ. FT.
FREE AREA

OFF RIDGE EXHAUST VENT SIZES
(AREA NET FREE SQUARE FEET)
SCALE: 1/4"=1'-0"



DESIGN IN ACCORDANCE W/ THE 2014
RESIDENTIAL FLORIDA BUILDING
CODE- 5TH EDITION

D·R·HOKTON · PHILADELPHIA
America's Builder

**Gulf Coast Drafting
& Design**
Phone (239) 540-1822
Fax (239) 540-7759

STRUCTURAL ENGINEERING

**STRUCTURAL
SYSTEMS**
OF NORTH FLORIDA

1634 S.E. 47th ST SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554

MODEL:	LOT: BLOCK :
UNIT 2554	SUBDIV:
RESIDENCE FOR:	ADDRESS:
SPEC	G.C.D.#: DRH#:

DATE:	01-25-17
DRAWN BY:	JWC
CHECKED BY:	JWC
REVISED:	
PLAN:	ROOF
SCALE:	3/16"=1'-0"
SHEET#	

A4-A

1/2" CSD PLYWOOD OR 7/16" OSB OR ZIP SYSTEM WALL SHEATHING
FASTENED W/ 8d COMMON NAILS @ 3" O.C. EDGE & 6" O.C. FIELD TO 2X4
#2 @ 24" O.C. STUDS AT 2X4 JOINTS. 1/2" OSB NOT BACKING AT JOINTS.
PANEL JOINTS PROVIDED DOUBLE STRAP AT EACH END OF SHEARWALL (KING
STUDS AT HEADER MAY SERVE AS DOUBLE STRAP). ANCHOR EACH END OF
SHEARWALLS AS FOLLOWS:

AT 2ND FLOOR ABOVE MASONRY: 2-M24M36 STRAPS TO MASONRY
BELOW WITH 8-10d NAILS TO STUD AND 1/4" X 2 1/4" TAPCON TO
STUD.

AT 2ND FLOOR ABOVE WOOD FRAMING: 2-M24TA2 STRAPS TO GIRDER
BELOW WITH 2-10d NAILS (11 EACH END OF STRAP).

NOTES: SHEARWALLS ARE DESIGNATED 'SW' ON PLAN.



R302.12 DRAFTSTOPPING: IN COMBUSTIBLE CONSTRUCTION WHERE THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR/CEILING ASSEMBLY, DRAFTSTOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1000 SQUARE FEET [92.9m²]. DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS. WHERE THE ASSEMBLY IS ENCLOSED BY A FLOOR MEMBRANE ABOVE AND A CEILING MEMBRANE BELOW, DRAFTSTOPPING SHALL BE PROVIDED IN FLOOR/CEILING ASSEMBLIES UNDER THE FOLLOWING CIRCUMSTANCES:

1. CEILING IS SUSPENDED UNDER THE FLOOR FRAMING.
2. FLOOR FRAMING IS CONSTRUCTED OF TRUSS-TYPE OPEN-WEB OR PERFORATED MEMBERS.

R302.12.1 MATERIALS: DRAFTSTOPPING MATERIALS SHALL NOT BE LESS THAN 1/2" (12.7mm) GYPSUM BOARD, 3/8" (9.5mm) WOOD STRUCTURAL PANELS OR OTHER APPROVED MATERIALS ADEQUATELY SUPPORTED. DRAFTSTOPPING SHALL BE INSTALLED PARALLEL TO THE FLOOR FRAMING MEMBERS UNLESS OTHERWISE APPROVED BY THE BUILDING OFFICIAL. THE INTEGRITY OF THE DRAFTSTOPS SHALL BE MAINTAINED.

PLAN NOTES:

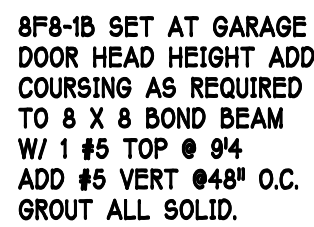
- 1) ROOF TRUSS BEARING ELEVATION VARIES, SEE PLAN.
- 2) ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-1.
- 3) PROVIDE STRAPPING AT ROOF TRUSSES AND STUD BEARING WALLS PER NOTES ON S-1.
- 4) FOR NAILING OF ROOF DECK, SEE DETAIL 1 AND 2 ON SHEET S-1 AND TABLE 3 ON A-6.
- 5) MULTI-PLY WOOD POSTS AND BEAMS PER DETAIL 11/S-1.
- 6) 'S/W' DENOTES WOOD PANEL SHEARWALL PER SPECIFICATION ON THIS SHEET.

MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
840	(1) MTS12 to 20	14-10dx1 1/2
1680	(2) MTS12 to 20	14-10dx1 1/2
2520	(3) MTS12 to 20	14-10dx1 1/2
1450	(1) HTS20 to 30	24-10dx1 1/2
2900	(2) HTS20 to 30	24-10dx1 1/2
4350	(3) HTS20 to 30	24-10dx1 1/2
5800	(4) HTS20 to 30	24-10dx1 1/2

NOTES:

- 1) PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
- 2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS.

REV 2



1ST FLOOR AND LOWER ROOF PLAN "B"; SCALE: 3/16" = 1'-0"

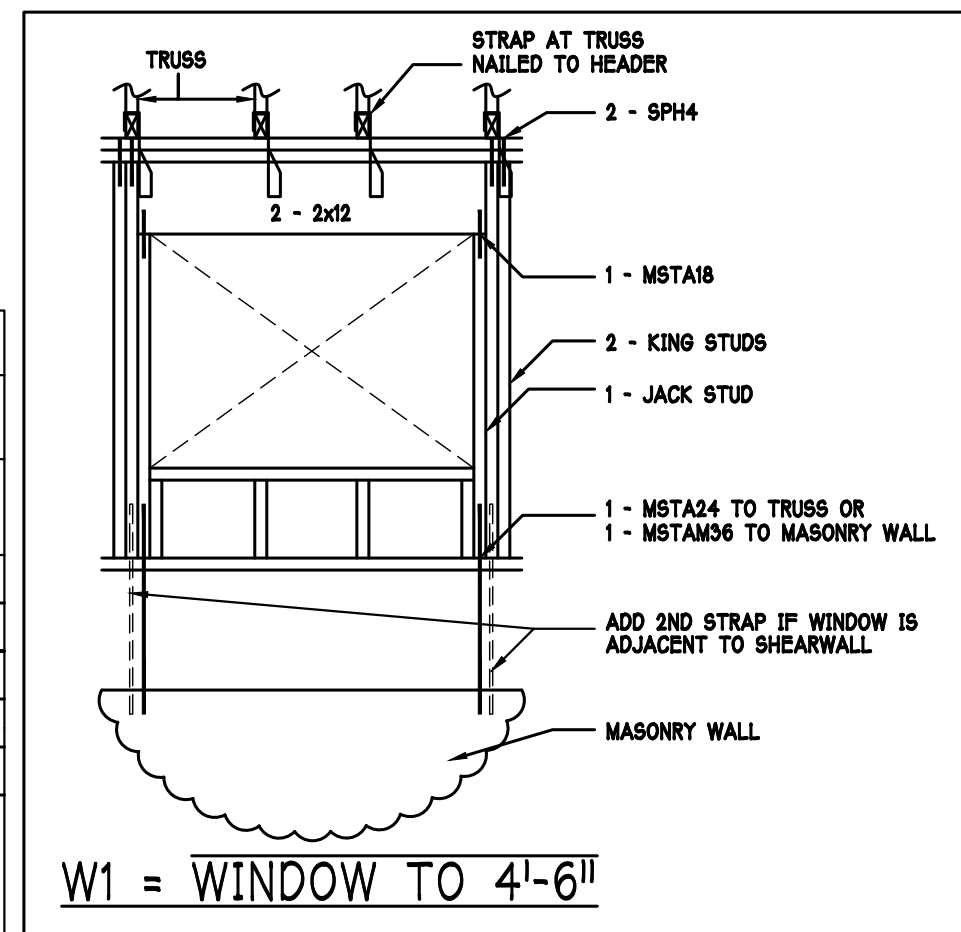
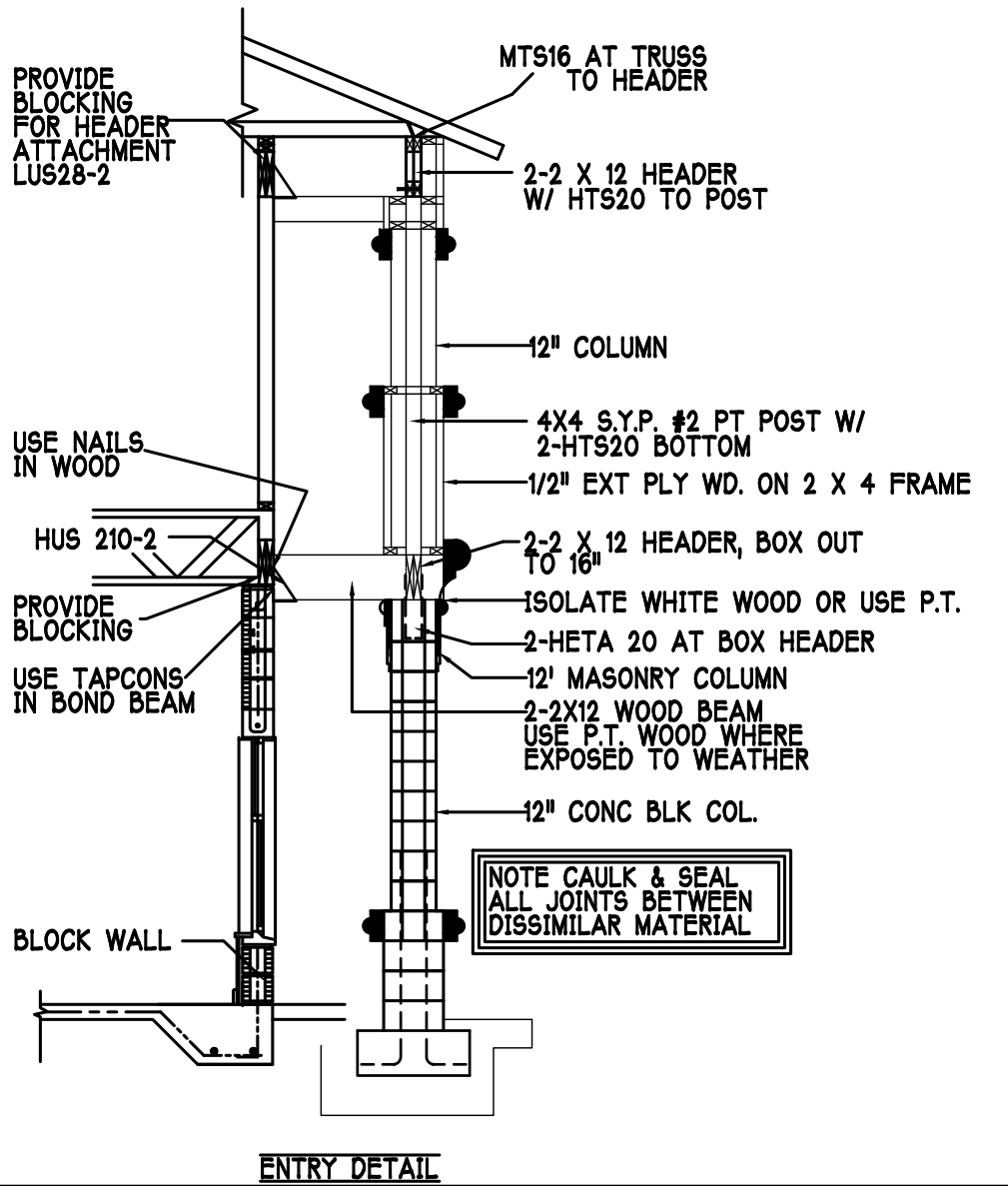
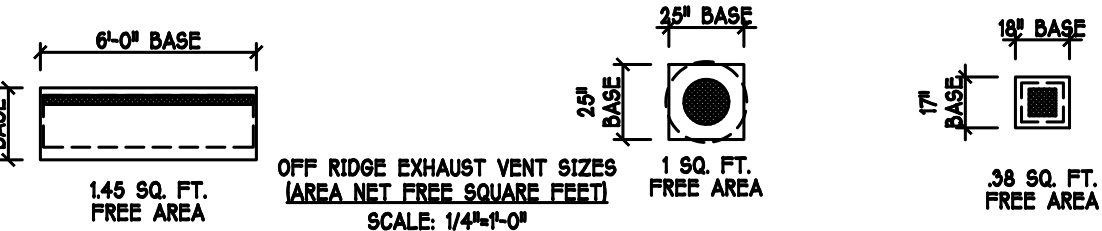
BEARING HEIGHT

 = BEARING @ 19'-4" A.F.F.
 = BEARING @ 9'-4" A.F.F.
 = STUDS @ 9'-4"

NOTE: AIR HANDLER UNIT
INSTALLED UP IN ATTIC

ATTIC VENTILATION

verify venting requirements with energy calculations		WITHOUT OFF RIDGE VENTS O.R.V.		WITH OFF RIDGE VENTS O.R.V.	
ATTIC AREA (FBC R806)		VENTILATION REQUIRED (ATTIC AREA 1/50)		VENTILATION REQUIRED (ATTIC AREA 1/200 INSTALL PER FBC R806'S MINIMUM AREA REQUIREMENTS)	
mark	square footage	soffit vents	MIN AIR FLOW OF SOFFIT	total ventilation	off ridge vents
①	1413 SQ. FT.	8.42 SQ. FT.	4.1%	O.R.V NOT USED	
②	301 SQ. FT.	2.01 SQ. FT.	3.1%	O.R.V NOT USED	
③	160 SQ. FT.	1.07 SQ. FT.	2.8%	O.R.V NOT USED	
		ATTIC VENTILATION CALCULATION: $\frac{900}{150} = \text{min sq. ft. } 6$		ATTIC VENTILATION CALCULATION: $\frac{900}{200} = \text{min sq. ft. } 4.5$	



DESIGN IN ACCORDANCE W/ THE 2014
RESIDENTIAL FLORIDA BUILDING
CODE- 5TH EDITION

TRUSS STRAPPING TO MASONRY		
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
1450	(1) META18 TO 40	9-10dx1 1/2" EMBED 4"
1810	(2) META18 TO 40	10-10dx1 1/2" EMBED 4"
2235	(2) META18 TO 40	12-10dx1 1/2" EMBED 4"
1985 (1 PLY)	(2) META12 TO 40	12-10dx1 1/2" EMBED 4"
1900 (2 PLY)	(2) META12 TO 40	14-16d, EMBED 4"
2500 (2 PLY)	(2) META12 TO 40	14-16d, EMBED 4"
2500 (2 PLY)	(2) META12 TO 22	14-16d, EMBED 4"

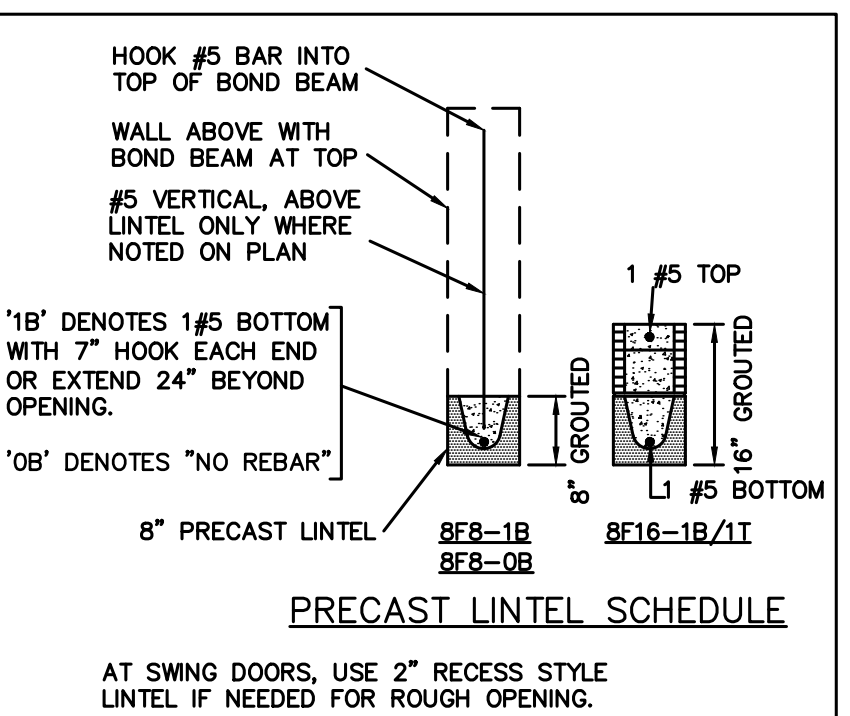
INSTALL
META16 AT
ALL
TRUSSES
TO 1450 lb
UPLIFT.
FOR HIGHER
UPLIFTS,
SEE NOTES
ON PLAN.

NOTES

- 1) PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE AND SUITABLE FOR THE GEOMETRY. EMBED STRAP ON $\frac{1}{2}$ OF WALL.
- 2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
- 3) WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 10/S-1.

REV 2

TRUSS BEARING CONDITIONS AND
STRAPPING IS BASED
ON TRUSS LAYOUT PREPARED BY RAYMOND,
JOB #



D.R. HORTON • PHI
NYSE
America's Builder

**Gulf Coast Drafting
& Design**
Phone (239) 540-1822
Fax (239) 540-7759

formed by the Structural Engineer of Record only. No work was performed by the SER in mechanical, plumbing, electrical, fire, life, civil, or geotechnical.

STRUCTURAL SYSTEMS OF NORTH FLORIDA

1634 S.E. 47th ST. SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554
CAN 8829

MODEL:	LOT:	BLOCK:
--------	------	--------

MODEL: UNIT 2554

MODEL: _____
UNIT 255 _____
RESIDENCE FOR: _____

DATE: 01-25-17

DRAWN BY: ISI

CHECKED BY: IWC

REVISÉ:

PLAN:

SCALE:

3/16"=
SHEET#

M

A4

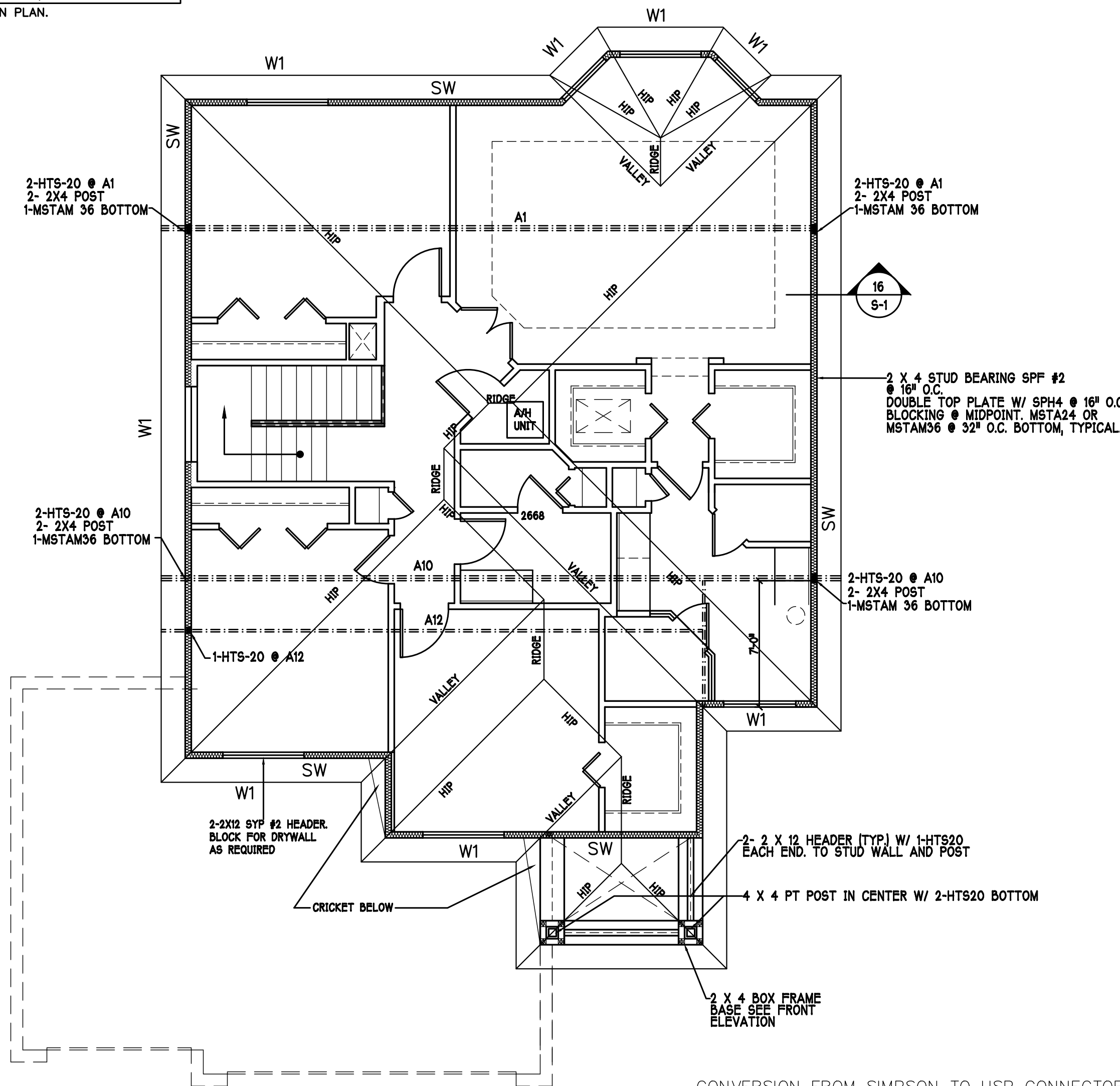
1/2" CSD PLYWOOD OR 7/16" OSB OR ZIP SYSTEM SHEATHING FASTENED W/ 8d COMMON NAILS @ 3" O.C. EDGE & 6" O.C. FIELD TO 2x4 SP# #2 OR 2x6 SP# #2 STUDS AT 16" O.C. WITH 2x4 BLOCKING AT ALL INTERMEDIATE STUDS AT EACH END OF SHEARWALL (KIND STUDS AT HEAD MAY SERVE AS DOUBLE STUD). ANCHOR EACH END OF SHEARWALLS AS FOLLOWS:

AT 2ND FLOOR ABOVE MASONRY: 2-MSTA#36 STRAPS TO MASONRY BELOW WITH 8-10d NAILS TO STUD AND 1/4" X 1" X 1/4" TAPCON TO WALL.

AT 2ND FLOOR ABOVE WOOD FRAMING: 2-MSTA#24 STRAPS TO GIRDER BELOW WITH 2-10d NAILS (11 EACH END OF STRAP).

NOTES: SHEARWALLS ARE DESIGNATED 'SW' ON PLAN.

NOTES: SHEARWALLS ARE DESIGNATED 'SW' ON PLAN



UPPER ROOF PLAN "B": SCALE: 3/16" = 1'-0"

R302.12 DRAFTSTOPPING: IN COMBUSTIBLE CONSTRUCTION WHERE THERE IS USABLE SPACE BOTH ABOVE AND BELOW THE CONCEALED SPACE OF A FLOOR/CEILING ASSEMBLY, DRAFTSTOPS SHALL BE INSTALLED SO THAT THE AREA OF THE CONCEALED SPACE DOES NOT EXCEED 1000 SQUARE FEET [92.9m]. DRAFTSTOPPING SHALL DIVIDE THE CONCEALED SPACE INTO APPROXIMATELY EQUAL AREAS. WHERE THE ASSEMBLY IS ENCLOSED BY A FLOOR MEMBRANE ABOVE AND A CEILING MEMBRANE BELOW, DRAFTSTOPPING SHALL BE PROVIDED IN FLOOR/CEILING ASSEMBLIES UNDER THE FOLLOWING CIRCUMSTANCES:

1. CEILING IS SUSPENDED UNDER THE FLOOR FRAMING.
2. FLOOR FRAMING IS CONSTRUCTED OF TRUSS-TYPE OPEN-WEB OR PERFORATED MEMBERS.

R302.12.1 MATERIALS: DRAFTSTOPPING MATERIALS SHALL NOT BE LESS THAN 1/2" (12.7mm) GYPSUM BOARD, 3/8" (9.5mm) WOOD STRUCTURAL PANELS OR OTHER APPROVED MATERIALS ADEQUATELY SUPPORTED. DRAFTSTOPPING SHALL BE INSTALLED PARALLEL TO THE FLOOR FRAMING MEMBERS UNLESS OTHERWISE APPROVED BY THE BUILDING OFFICIAL. THE INTEGRITY OF THE DRAFTSTOPS SHALL BE MAINTAINED.

PLAN NOTES:

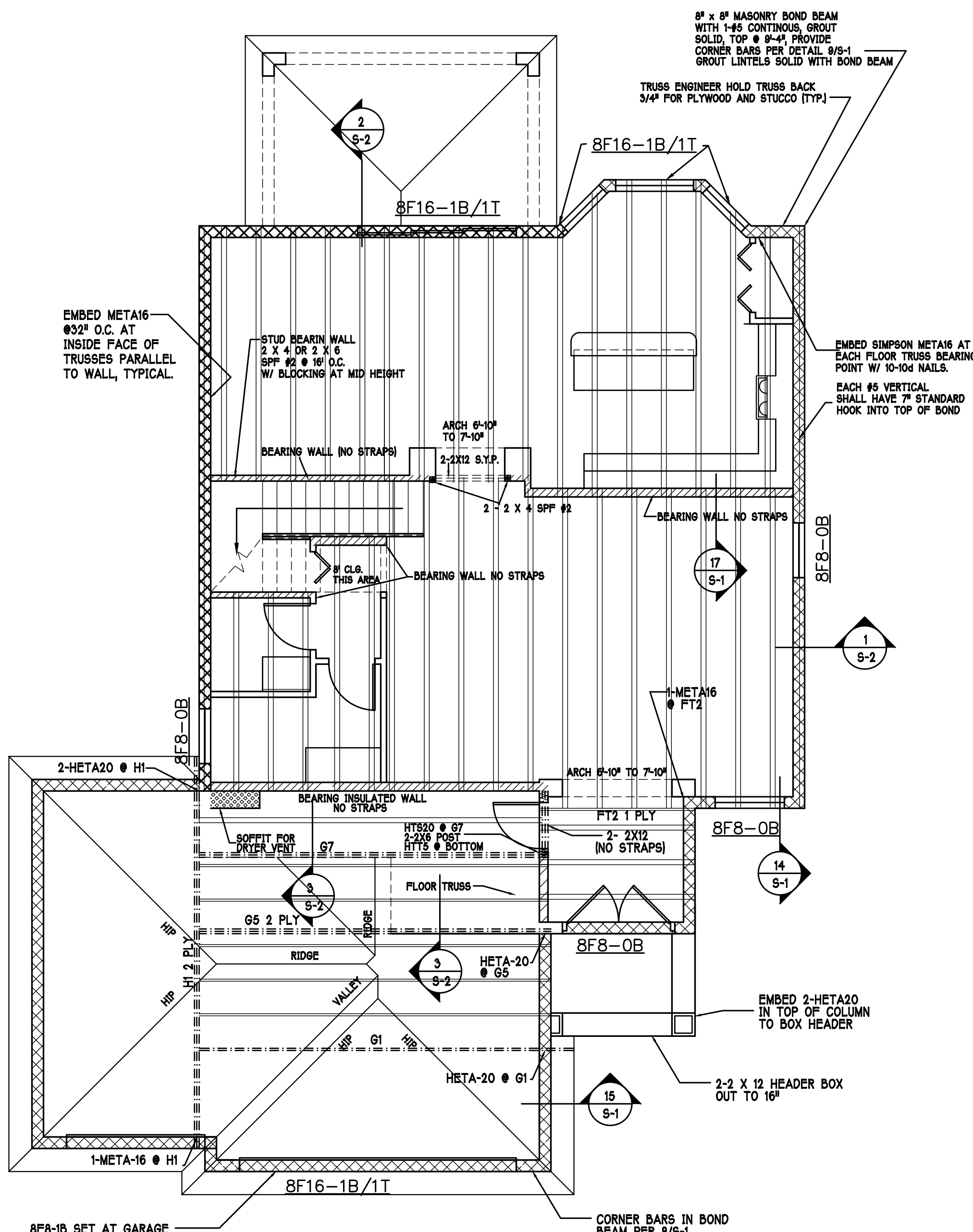
- 1) ROOF TRUSS BEARING ELEVATION Varies, SEE PLAN.
- 2) ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-1.
- 3) PROVIDE STRAPPING AT ROOF TRUSSES AND STUD BEARING WALLS PER NOTES ON THIS SHEET.
- 4) FOR NAILING OF ROOF DECK, SEE DETAIL 1 AND 2 ON SHEET S-1 AND TABLE 3 ON A-6.
- 5) NAIL MULTI-PLY WOOD POSTS AND BEAMS PER DETAIL 11/S-1.
- 6) 'S' DENOTES WOOD PANEL SHEARWALL PER SPECIFICATION ON THIS SHEET.

TRUSS STRAPPING TO STUD WALL/WOOD BEAM		
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
840	1)MTS12 to 20	14-10dx1 1/2"
1680	2)MTS12 to 20	14-10dx1 1/2"
2520	3)MTS12 to 20	14-10dx1 1/2"
1450	1)HTS20 to 30	24-10dx1 1/2"
2900	2)HTS20 to 30	24-10dx1 1/2"
3500	3)HTS20 to 30	24-10dx1 1/2"
5800	4)HTS20 to 30	24-10dx1 1/2"

NOTES:

- 2) PROVIDE A SIRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
- 2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS.

REV 2



1ST FLOOR AND LOWER ROOF PLAN "B"; SCALE: 3/16" = 1'-0"

 = BEARING @ 19'-4" A.F.F.
 = BEARING @ 9'-4" A.F.F.
 = STUDS @ 9'-4"

**NOTE: AIR HANDLER UNIT
INSTALLED UP IN ATTIC**

Verify venting requirements with energy calculations		WITHOUT OFF RIDGE VENTS O.R.V.		WITH OFF RIDGE VENTS O.R.V.	
ATTIC AREA [FBC R806]		VENTILATION REQUIRED [ATTIC AREA /1500]		VENTILATION REQUIRED [ATTIC AREA /1500 INSTALL PER FBC R806.2 MINIMUM AREA REQUIREMENTS]	
mark	equare footage	soffit vents	MIN AIR FLOW OF SOFFIT	total ventilation	off ridge vents
①	1413 SQ. FT.	8.42 SQ. FT.	4.1%	O.R.V NOT USED	
②	301 SQ. FT.	2.01 SQ. FT.	3.1%	O.R.V NOT USED	
③	160 SQ. FT.	1.07 SQ. FT.	2.8%	O.R.V NOT USED	
ATTIC VENTILATION CALCULATION: attic sq. ft. / 150 = vented sq. ft.				ATTIC VENTILATION CALCULATION: attic sq. ft. / 300 = vented sq. ft.	

6" BASE

2" BASE

145 SQ. FT.
FREE AREA

25" BASE

25" BASE

1 SQ. FT.
FREE AREA

18" BASE

17" BASE

38 SQ. FT.
FREE AREA

OFF RIDGE EXHAUST VENT SIZES
 (AREA, NOT FREE SQUARE FEET)

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

GUARDRAILS PER FBCR 2014

GUARDRAILS ARE TYPICALLY A MANUFACTURED PRODUCT AND ARE NOT DESIGNED BY THE STRUCTURAL ENGINEER OF RECORD. THE GUARDRAIL MFR. SHALL BE RESPONSIBLE TO PROVIDE A DESIGN, INCLUDING FASTENINGS TO THE STRUCTURE, TO SATISFY CODE REQUIREMENTS.

R312.1 Guards required - 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 36 inches horizontally to the edge of the open side. Insect screening shall not be considered as a guard.

R312.2 Height – Required guards at open-sided walking surfaces, including stairs, porches, balconies or landings, shall be not less than 36 inches high measured vertically above the adjacent walking surface, adjacent fixed

seating or the line connecting the leading edges of the treads.
Exceptions:
1. Guards on the open sides of stairs shall have a height not less than 34 inches measured vertically from a line connecting the leading edges of the treads.

R312.3 Opening limitations – Required guards shall not have openings from the walking surface to the required guard height which allow passage of a sphere 4 inches in diameter.

Exceptions:

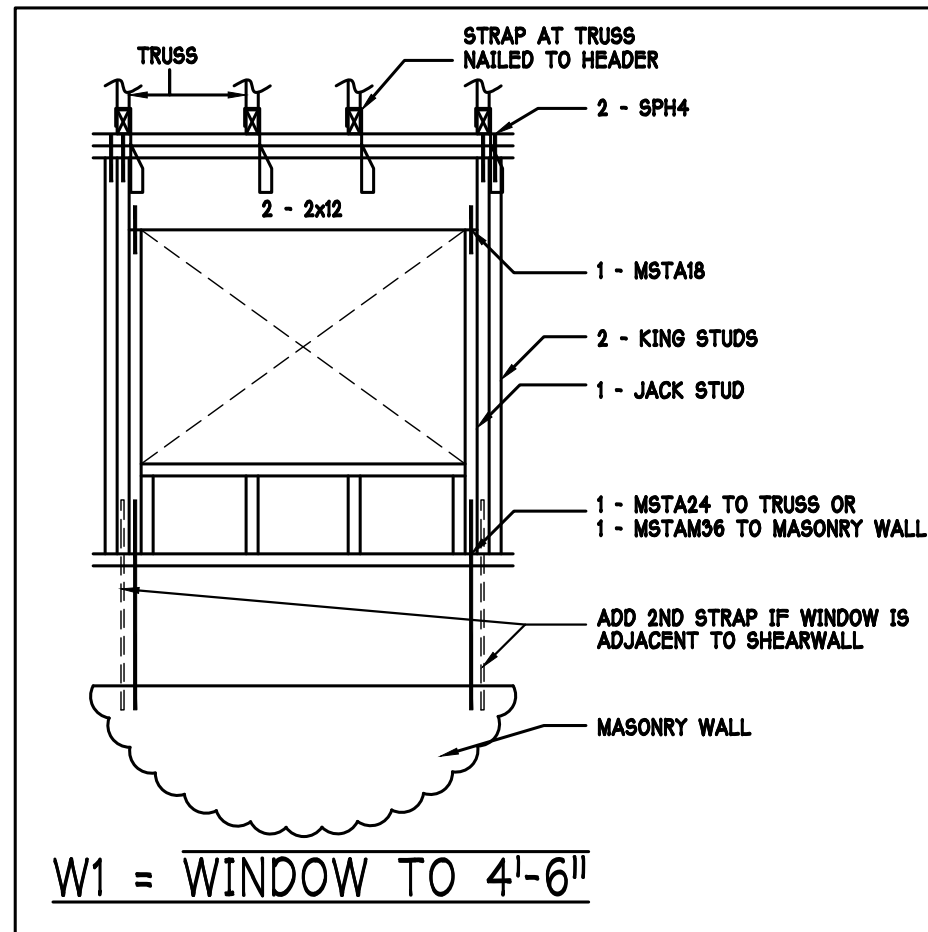
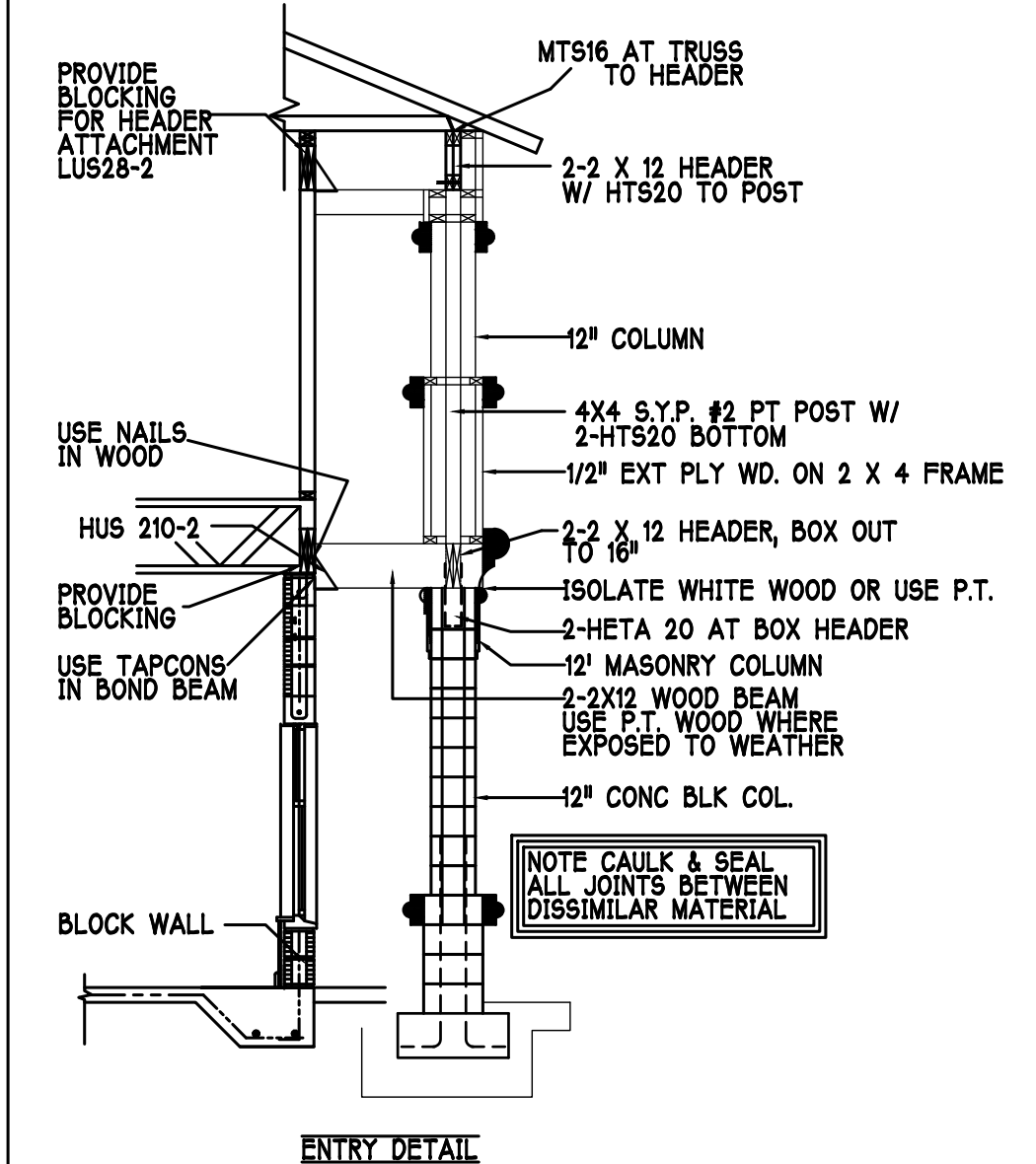
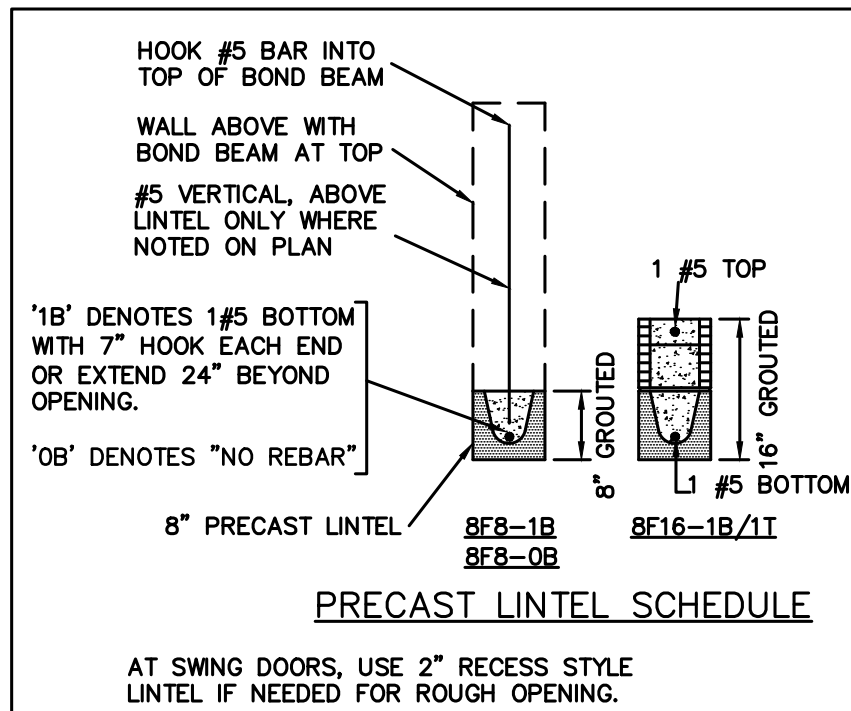
1. The triangular openings at the open side of a stair, formed by the riser, tread and bottom rail of a guard, shall not allow passage of a sphere 6 inches in diameter.

2. Guards on the open sides of stairs shall not have openings which allow passage of a sphere 4—3/8 inches in diameter.

FBC 1607.7.1.1 — Guardrail assemblies shall be able to resist a single concentrated load of 200 pounds applied in any direction at any point along the top.

FBC 1607.7.1.2 — Intermediate rails, balusters and panel fillers shall be designed to withstand a horizontal applied normal load of 50 pounds on an area equal to 1 square foot including openings and space between rails.

TRUSS BEARING CONDITIONS AND
STRAPPING IS BASED
ON TRUSS LAYOUT PREPARED BY SCOSTA,
JOB # 44221A3



DESIGN IN ACCORDANCE W/ THE 2014
RESIDENTIAL FLORIDA BUILDING
CODE- 5TH EDITION

TRUSS STRAPPING TO MASONRY		
MAX TRUSS UPLIFT ● 24" OC (LBS)	CONNECTOR	FASTENER
→ 1450	(1)M2TA16 TO 40	9-10dx1½" EMBED 4"
1810	(1)M2TA16 TO 40	10-10dx1½" EMBED 4"
→ 2200	(2)M2TA16 TO 40	12-10dx1½" EMBED 4"
1985 (1 PLY)	(2)M2TA12 TO 40	12-10dx1½" EMBED 4"
1900 (2 PLY)	(2)M2TA12 TO 40	14-16d, EMBED 4"
2500 (2 PLY)	(2)M2TA12 TO 40	14-16d, EMBED 4"
2500 (2 PLY)	(2)H2TA12 TO 22	14-16d, EMBED 4"

INSTALL
META16 AT
ALL
TRUSSES
TO 1450 lb
UPLIFT.
FOR HIGHER
UPLIFTS,
SEE NOTES
ON PLAN.

NOTES

- 1) PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE AND SUITABLE FOR THE GEOMETRY. EMBED STRAP ON @ OF WALL.
- 2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH SIMPSON PRINTED INSTRUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
- 3) WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 10/S-1.

REV 2

This signature and seal is for work performed by the Structural Engineering Division
 (SER) related to Structural Engineering only. No work was performed by the SER in
 other disciplines such as architectural, mechanical, plumbing, electrical, fire, life
 safety, accessibility, energy, air, water, or environmental.

STRUCTURAL ENGINEERING

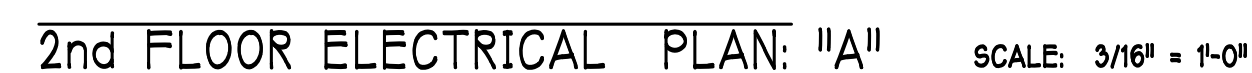
**STRUCTURAL
SYSTEMS
OF NORTH FLORIDA**

1635 E. 47th ST., SUITE #3
 GAINESVILLE, FLORIDA 32608
 (239) 519-4554

MODEL:	LOT: BLOCK:
UNIT 2554	SUBDIV:
RESIDENCE FOR:	ADDRESS:
SPEC	G.C.D.#: DRH#:

DATE:	01-25-17
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	
PLAN:	ROOF
SCALE:	3/16"=1'-0"
SHEET#	

A4-B



Electrical Notes:

Install Arc-Fault circuit-Interrupters & Tamper-Resistant Receptacles shall be installed in dwelling unit, per NEC 210.12 & 406.11

All electrical equipment to be set at or above base flood elevation.

All outlets in wet areas and all exterior outlets to be GFI's

Install Phone & T.V per contract .

INSTALL ALL ELECTRICAL PER NEC 2011



200 Amp Service			
TAG	QUANTITY	PRODUCT	PRODUCT #
A	(31)	Recessed Cans	
B	(3)	Vapors	
C	(1)	Pendant/Nook	P4070-09
D	(X)	10" Mushrooms	P3410-30
E	(3)	24" Avalon 3 LT	P3268-09
F	(3)	36" Avalon 4 LT	P3269-09
G	(X)	NOT USED	NOT USED
H	(2)	Coach Lights	P5815-30
J	(X)	Coach Lights	P5683-30
K	(X)	J BOX	
L	(3)	4' Fluorescent	P7186-30
M	(4)	2' Fluorescent	P7183-30
N	(1)	5ft Chandelier	P4068-09
O	(X)	3 LT Avalon	P3773-09
P	(2)	Pendant Light	P-5068-09



* PENDANT LIGHTS: VARIETY SELECTIONS

DESIGN IN ACCORDANCE W/ THE 2014
RESIDENTIAL FLORIDA BUILDING
CODE- 5TH EDITION

DATE: 01-25-17

DRAWN BY:
JWC

CHECKED BY:
JWC

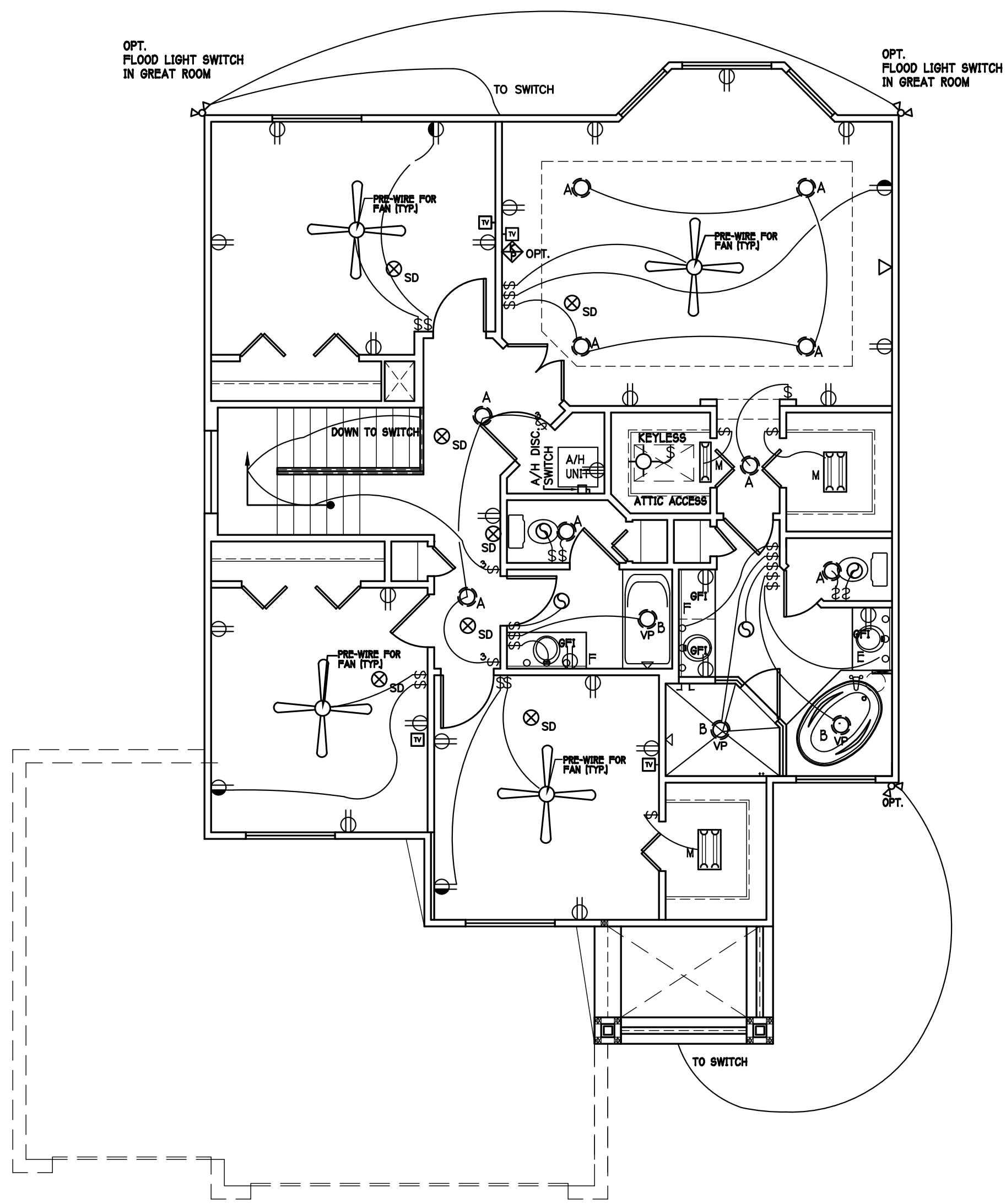
REVISÉ:

PLAN:
ELECTRICAL

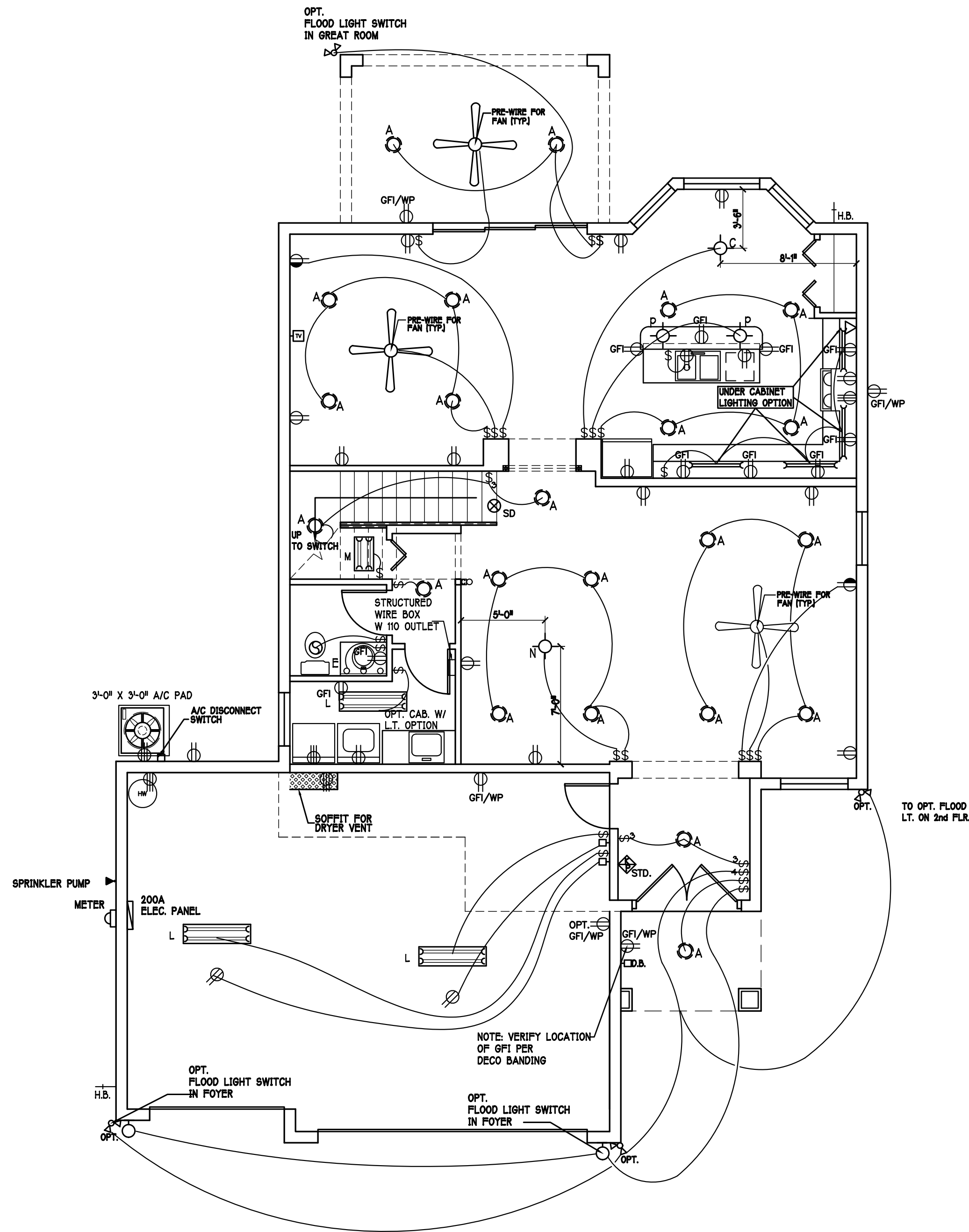
SCALE: $3/16"=1'-0"$

SHEET#

A5-A



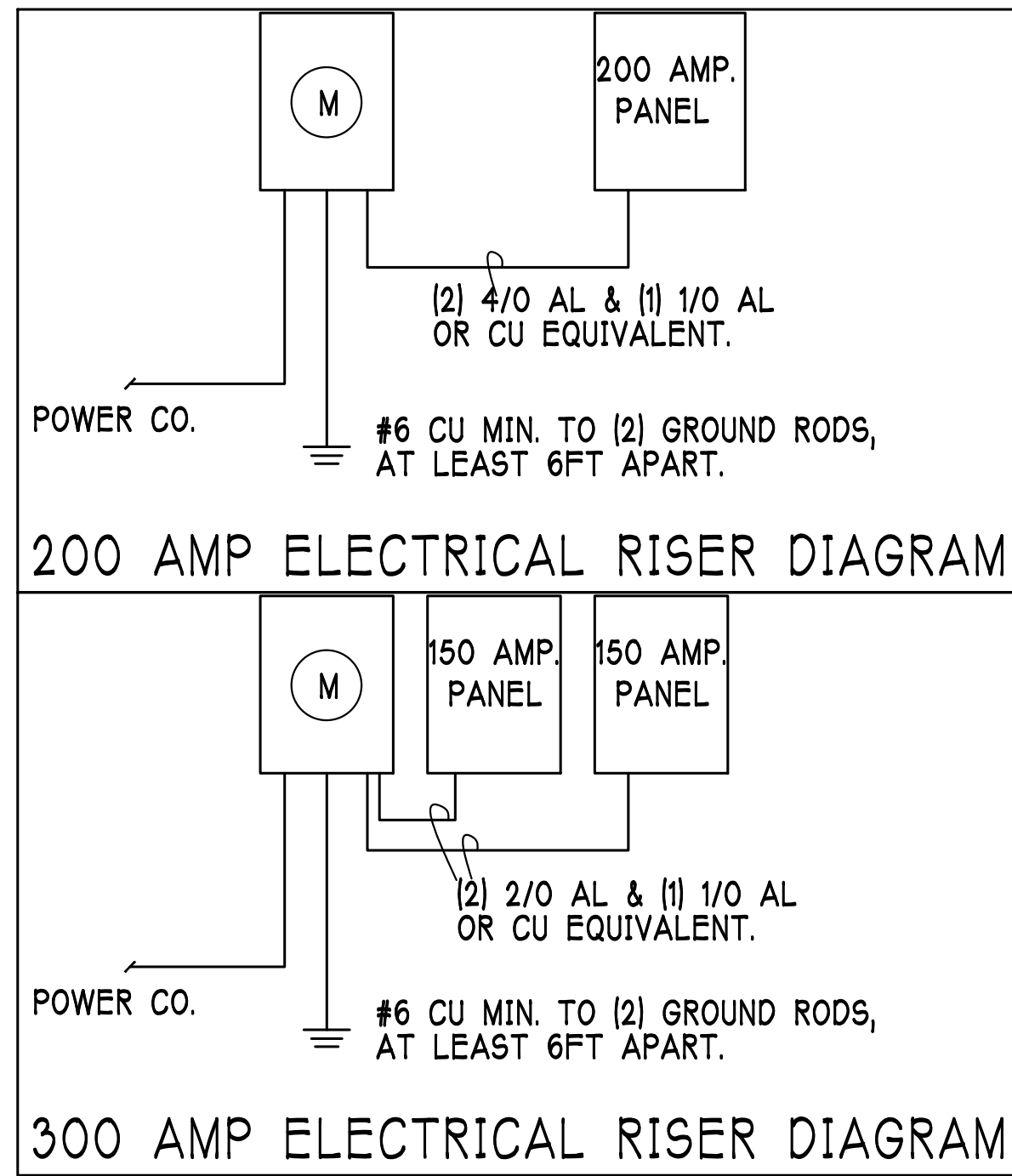
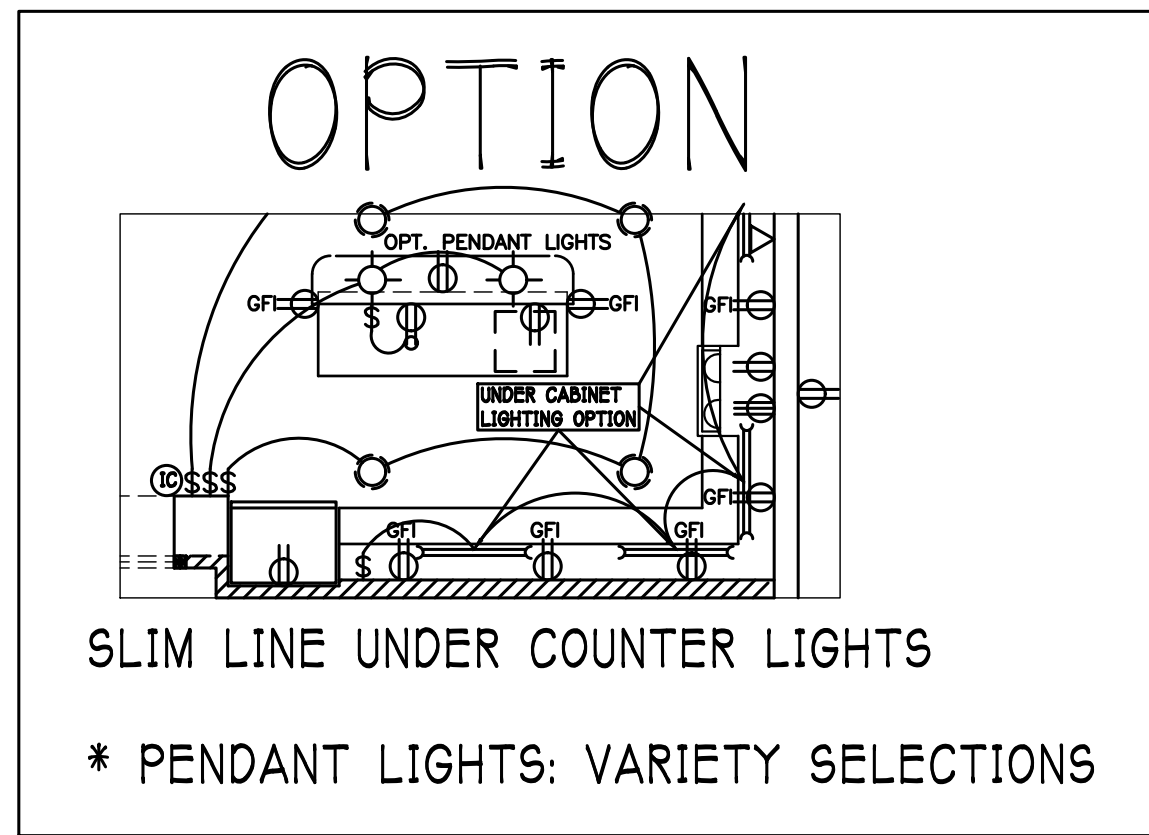
2nd FLOOR ELECTRICAL PLAN: "B" SCALE: 3/16" = 1'-0"



1st FLOOR ELECTRICAL PLAN: "B" SCALE: 3/16" = 1'-0"

ELECTRICAL LEGEND	
	ELECTRICAL METER
	ELECTRICAL PANEL
	120 V JUNCTION BOX
	SINGLE RECEPTACLE OUTLET
	220 V RECEPTACLE OUTLET
	4-PLEX RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET
	1/2 SWITCHED DUPLEX OUTLET
	DUPLEX RECEPTACLE @ ELEV. A.P.F.
	TIMER SWITCH
	GFI SWITCH
	DIMMER SWITCH
	3 WAY SWITCH
	SINGLE POLE SWITCH
	ACIDIC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A POSSIBLE-BURNING HEATER OR APPLIANCE, A FIREPLACE, OR AN ATTACHED GARAGE SHALL HAVE AN OPERATIONAL CARBON MONOXIDE ALARM INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PURPOSES. PER RULE 40-54.72 SO SMOKE DETECTOR SCD (CARBON MONOXIDE/SMOKE DETECTOR
	TELEPHONE OUTLET
	TELEVISION RECEPTION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	RECESSED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	A/C DISCONNECT
	PUSH BUTTON
	DOOR BELL
	KEYPAD
	4' FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT

Electrical Notes:
 Install Arc-Fault circuit-Interruption & Tamper-Resistant Receptacles shall be installed in dwelling unit. per NEC 210.12 & 406.11
 All electrical equipment to be set at or above base flood elevation.
 All outlets in wet areas and all exterior outlets to be GFI's
 Install Phone & T.V per contract .
 INSTALL ALL ELECTRICAL PER NEC 2011



200 Amp Service			
TAG	QUANTITY	PRODUCT	PRODUCT #
A	(31)	Recessed Cans	
B	(3)	Vapors	
C	(1)	Pendant/Nook	P4070-09
D	(X)	10" Mushrooms	P3410-30
E	(3)	24" Avalon 3 LT	P3268-09
F	(3)	36" Avalon 4 LT	P3269-09
G	(X)	NOT USED	
H	(2)	Coach Lights	P5815-30
J	(X)	Coach Lights	P5683-30
K	(X)	J BOX	
L	(3)	4' Fluorescent	P7186-30
M	(4)	2' Fluorescent	P7183-30
N	(1)	5lt Chandelier	P4068-09
O	(X)	3 LT Avalon	P3773-09
P	(2)	Pendant Light	P-5068-09

DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL FLORIDA BUILDING CODE- 5TH EDITION

Gulf Coast Drafting & Design

Phone (239) 540-1822

Fax (239) 540-7759

MODEL:

UNIT 2554

LOT:

BLOCK:

SUBDIV:

ADDRESS:

DR.H#:

SPEC

DATE:

01-25-17

DRAWN BY:

JSL

CHECKED BY:

JWC

REVISED:

PLAN:

ELECTRICAL

SCALE:

3/16"=1'-0"

SHEET#

A5-B

RESIDENTIAL SPECIFICATIONS

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR SHALL SUPPLY, LOCATE AND BUILD INTO THE WORK ALL INSERTS, ANCHORS, ANGLES, PLATES, OPENINGS, SLEEVES, HANGERS, SLAB DEPRESSIONS AND PITCHES AS MAY BE REQUIRED TO ATTACH AND ACCOMMODATE OTHER WORK.
3. ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUCTED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE IN THE WORK EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
4. SUBSURFACE SOIL CONDITION INFORMATION IS NOT AVAILABLE. FOUNDATIONS ARE DESIGNED FOR A SOIL BEARING CAPACITY OF 3,000 PSF. THE CONTRACTOR SHALL REPORT ANY DIFFERING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
5. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATION AND HOUSE PLANS, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
6. ALL SPECIFIED FASTENERS MAY ONLY BE SUBSTITUTED IF APPROVED BY THE ENGINEER IN WRITING. THE INSTALLATION OF THE FASTENERS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. SIMPSON FASTENERS SPECIFIED MAY BE SUBSTITUTED WITH THE SAME QUANTITY AND EQUIVALENT STRENGTH PRODUCT.
7. TREATED WOOD REQUIREMENTS- ALL WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, OR PRESSURE TREATED.
8. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCES TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUTS, OR TIE DOWNS.
9. CEILING DRYWALL INSTALLED WITHIN THE HOUSE TO TRUSSES SPACED 24" O.C. SHALL BE 5/8" DRYWALL OR 1/2" 5/8" RESISTANT PER SEC. 702.3.5.
10. LANAI CEILINGS & COVERED ENTRY CEILINGS 1/4" STRIPPING @ 16" O.C. FASTENED WITH 8d NAILS OR 1-5/8" DRYWALL SCREWS @ 6" oc EDGE AND FIELD.

DOOR AND WINDOW ANCHORAGE

ANCHORAGE REQUIREMENTS- ALL PASS AND SLIDING GLASS DOORS AND ALL WINDOW ASSEMBLIES SHALL BE ANCHORED TO THE MAIN WIND FORCE RESISTING SYSTEM IN A MANNER SPECIFIED BY THE PUBLISHED MANUFACTURER'S LITERATURE. THERE SHALL BE NO SUBSTITUTION OF ALTERNATE FASTENINGS UNLESS PROVIDED BY THE MANUFACTURER AND APPROVED BY THE BUILDING DESIGN ENGINEER.

MASONRY OPENING
WHERE WINDOW FRAME IS DESIGN TO FASTEN WITH SCREWS THROUGH THE FRAME AND INTO THE MASONRY, THE BUCK MATERIAL IS SIMPLY A SPACER. THE BUCK MAY BE FASTENED WITH 1 NAILS OR ANY SUITABLE FASTENER TO TACK IT INTO POSITION PRIOR TO WINDOW INSTALLATION. FASTEN WINDOW FRAME PER MFR INSTRUCTIONS. A WINDOW FASTENER SHALL PENETRATE MASONRY BY 2 1/4" MIN.

WHERE WINDOW FRAME IS DESIGNED TO FASTEN ONLY TO THE WOOD BUCK (IE, FLANGED FRAME WITH WOOD SCREWS) THE BUCKS SHALL BE 2X WOOD WITH STRUCTURAL FASTENING TO THE MASONRY WITH 1/4X 3 3/4" MASONRY SCREWS @ 24" OC AND 6" FROM EACH END.

WOOD FRAMED OPENINGS- ALL DOORS AND WINDOWS SHALL BE INSTALLED ACCORDING TO THE PUBLISHED MANUFACTURER'S LITERATURE OF THE ASSEMBLY BEING INSTALLED TO THE ROUGH SUBSTRATE OPENING. SHIMS SHALL BE MADE OF MATERIALS CAPABLE OF RESISTING THE APPLIED LOADS AND SHALL BE LOCATED NEAR EACH FRAME FASTENER TO MINIMIZE DISTORTION OF THE FRAME AS THE FASTENERS ARE TIGHTENED.

GENERAL ROOF ASSEMBLY

ROOF SHEATHING
SHALL BE APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER. INSTALL PANELS WITH LONG DIMENSION PLACED PERPENDICULAR TO TRUSSES. A 1/8" SPACE BETWEEN ADJACENT SHEETS SHALL BE MAINTAINED. INSTALL 1/4" CLIPS AT UNSUPPORTED PANEL EDGES. THE ROOF SHEATHING SHALL BE NAILED WITH 8d RING SHANK NAILS @ 6" O.C. EDGE AND FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSS WITHOUT SPLITTING. RING SHANK NAILS PER R803.2.3.1 - 0.139" NOMINAL SHANK DIAMETER, RING DIA. OF 0.025" OVER SHANK DIAMETER, 16 TO 20 RINGS PER INCH, 0.250" DIAMETER FULL ROUND HEAD, 2" NAIL LENGTH.

FLASHING
FLASHING SHALL BE ALUMINUM, ALUMINUM ZINC COATED STEEL, 0.079 INCHES THICK, 26 GAUGE AZ30 ALUM ZINC, OR GALVANIZED STEEL, 0.079 INCHES THICK, 26 GAUGE ZINC COATED G90. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURER'S PUBLISHED REQUIREMENTS. ALL FLASHING AND INSTALLATION SHALL CONFORM TO SECTION R805.2.8 (1 TO 5).

DRIP EDGE
DRIP EDGE SHALL BE PROVIDED AT ALL EAVES AND GABLES OF SHINGLE ROOFS, LAPPED A MINIMUM OF 3" @ JOINTS. THE OUTSIDE EDGE SHALL EXTEND A MINIMUM OF 1/2" BELOW SHEATHING AND THE INSIDE EDGE SHALL EXTEND BACK A MINIMUM OF 2" DRIP EDGE SHALL BE FASTENED AT NO MORE THAN 4" CENTERS. THERE SHALL BE A MINIMUM OF 4" WIDTH OF ROOF CEMENT INSTALLED OVER THE DRIP EDGE FLANGE.

CLAY AND CONCRETE TILE ROOF SPECS
1. TILE PLACEMENT AND BRACING.
2. ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE.
A. AMOUNT AND PLACEMENT OF MORTAR.
B. AMOUNT AND PLACEMENT OF ADHESIVE.
C. TYPE, NUMBER, SIZE, AND LENGTH OF FASTENERS AND CLIPS.
3. UNDERLAYMENT.
4. SLOPE REQUIREMENT.

FLOOR SHEATHING AT 2ND FLOOR
APA RATED STURDI-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES SPAN RATING 48/24 OR BETTER, GLUE AND NAIL W/ 10d COMMON @ 6" O.C. EDGE AND FIELD.

EXTERIOR WALL SHEATHING
SHALL BE 7/16" THICK ZIP SYSTEM WALL SHEATHING MANUFACTURED BY HUBER ENGINEERED WOODS LLC. INSTALL PANELS WITH A 1/8" GAP BETWEEN EDGES AND FASTEN WITH 8d COMMON NAILS @ 6" O.C. EDGE AND FIELD. IF PANELS ARE INSTALLED HORIZONTALLY, BLOCKING SHALL BE INSTALLED BEHIND PANEL JOINTS. ALL SEAMS IN THE SHEATHING SHALL BE SEALED WITH THE ZIP SYSTEM SELF ADHERING SEAM TAPE USING THE ZIP SYSTEM APPLICATOR GUN. THE USUAL TYVEK HOUSE WRAP IS NOT REQUIRED.

WOOD FRAMING:

1. ALL WOOD FRAMING SHALL BE FABRICATED AND INSTALLED PER NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
2. UNLESS NOTED OTHERWISE THE FOLLOWING MINIMUM GRADES SHALL BE USED:
 - A. INTERIOR BEARING WALLS SPF #2
 - B. RAFTERS, JOISTS, HEADERS AND BEAMS SYP #2, EXTERIOR BEARING WALLS.
3. TREATED WOOD REQUIREMENTS: ALL WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, OR PRESSURE TREATED.
4. CONTRACTOR SHALL PROVIDE ALL FASTENING DEVICES AS SHOWN ON THE DRAWINGS AND AS NECESSARY AND SUITED FOR EACH APPLICATION FASTENING SUBJECT TO MOISTURE SHALL BE HOT DIP GALVANIZED TO ASTM A-153-80, OR STAINLESS STEEL.
5. ALL METAL CONNECTIONS AND FABRICATIONS SHALL COMPLY WITH AISI SPECIFICATIONS.
6. SOLID BLOCK ALL JOISTS AND RAFTERS AT POINTS OF SUPPORT.
7. PREFABRICATED STRUCTURAL TRUSSES SHALL COMPLY WITH NFPA NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, TP1 DESIGN SPECIFICATIONS FOR METAL PLATE WOOD TRUSSES AND ATTIC 100.
8. ALL TRUSSES SHALL BE DESIGNED AND CERTIFIED BY THE TRUSS MANUFACTURER'S STATE OF FLORIDA REGISTERED ENGINEER.
9. CONTRACTOR SHALL CORRELATE WITH TRUSS MANUFACTURER TO ENSURE THAT ADEQUATE BEARING IS PROVIDED AT END REACTIONS OF ALL GIRDER TRUSSES.
10. TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS TO THE CONTRACTOR AND DESIGNER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF DIMENSIONS, MATERIALS AND CONDITIONS.
11. AT VOLUME CEILING CONDITIONS, ALIGN TRUSSES TO PROVIDE A SMOOTH AND UNBROKEN INTERIOR WALL SURFACE FROM FLOOR TO CEILING.
12. BRACE TRUSSES DURING ERECTION AND AFTER PERMANENT INSTALLATION TO COMPLY WITH TPI BW-76.
13. MICRO-LAMS (OR EQUAL PARALAMS, LVL'S, ETC) SHALL BE USED WHERE SPECIFIED ON ENGINEERED PLANS AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ANY EDGES OR ENDS EXPOSED TO THE WEATHER SHALL BE PROTECTED BY THE INSTALLATION OF 26 GA, MIN, GALVANIZED STEEL FLASHING.
14. SPLICES IN MULTI-BOARD CONTINUOUS BEAMS SHALL BE ALLOWED FOR ONE BOARD ONLY PER SPAN AND ONLY AT THE QUARTER POINT OF THE SPAN, UNLESS SHOWN OTHERWISE.
15. SPACE FRAMING OF ARCHES UNDER TIE BEAM SHALL BE FILL IN FRAME UNLESS NOTED OR CONSTRUCTED OTHERWISE.

ASPHALT SHINGLE ROOF SPECS

SHINGLES
15# felt shall be installed under asphalt shingles. All asphalt shingles shall have self sealing strips or be interlocking and comply with ASTM D 2250 or D2466, and shall be secured to the roof with no less than 6 fasteners per shingle strip, or a minimum of 2 fasteners per shingle tab. And shall in no case be fastened with less fasteners than that required by the manufacturer. Installation shall comply with the manufacturer's requirements for installation in the given Florida wind zone, as determined by ASTM D 3161.

FASTENERS
Fasteners for asphalt shingles shall comply with ASTM F 1667, and shall be made of galvanized steel, stainless steel or aluminum with a minimum shank size of 1/2 gauge (0.106 inch) and a minimum 3/8 inch diameter head and shall be of 1/2 length to penetrate the sheathing.

The nail component of plastic cap nails shall meet or exceed the requirements of ASTM A 544, Class 1, or equal, and shall be corrosion resistant by coating electro galvanization, mechanical galvanization, hot dipped galvanization or shall be made of stainless steel, non ferrous metal.

CLAY AND CONCRETE TILE ROOF SPECS

INSTALL PEEL AND STICK UNDERLAYMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF.
THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF R805.3 F.B.C.
MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURER'S IDENTIFICATION MARK.
APPLICATION SPECIFICATIONS: THE TILE MANUFACTURER'S WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

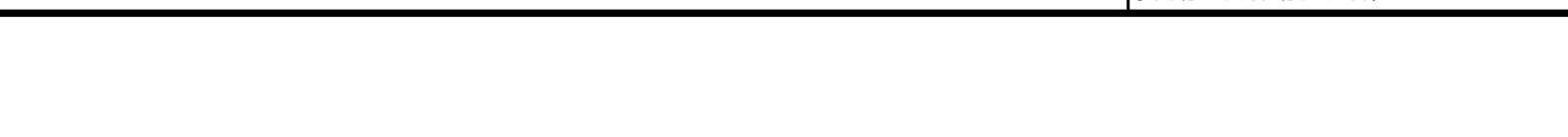
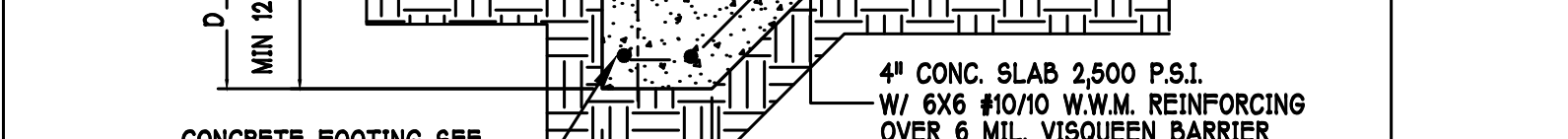
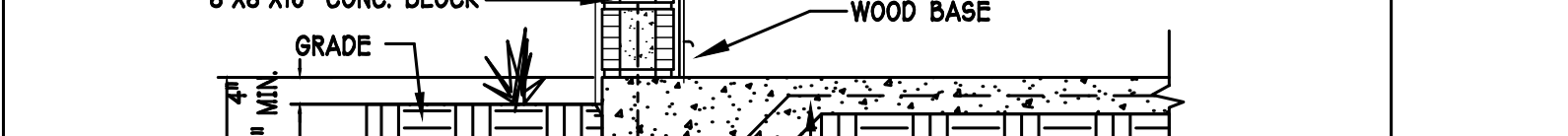
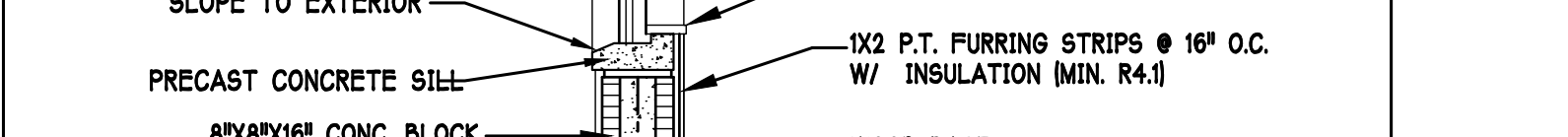
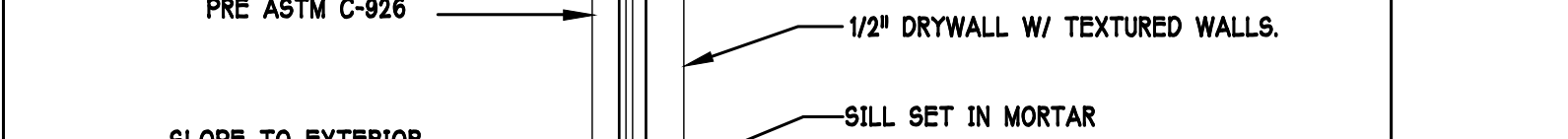
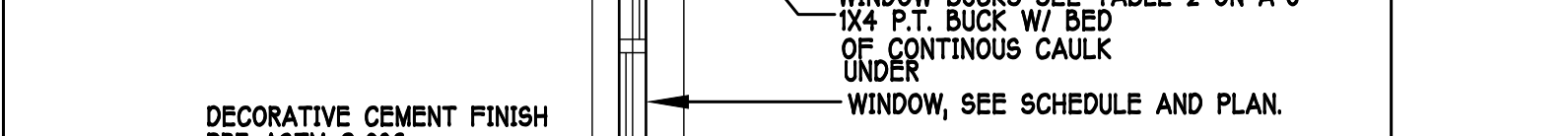
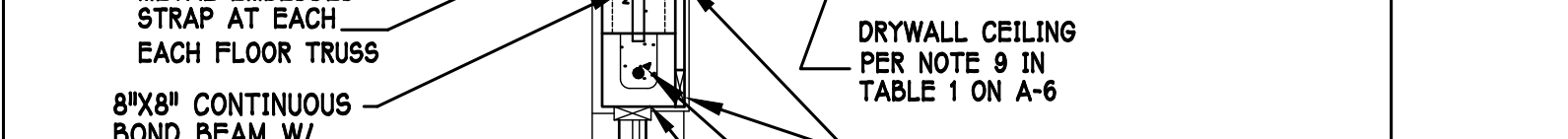
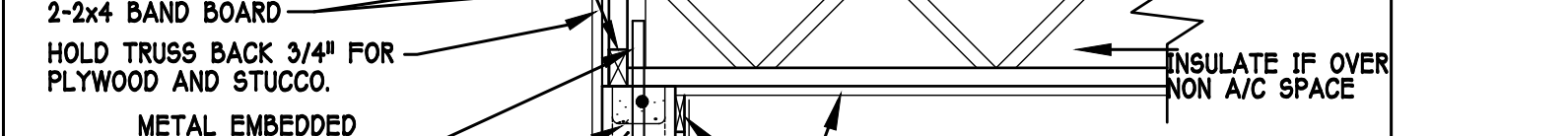
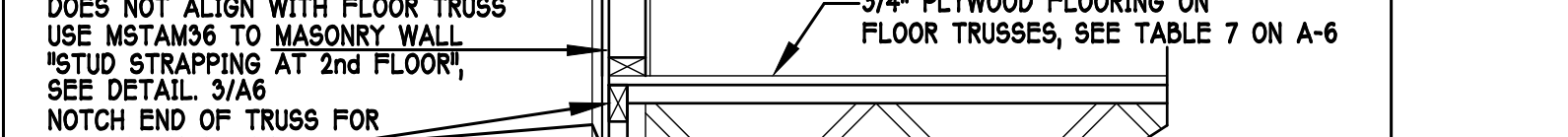
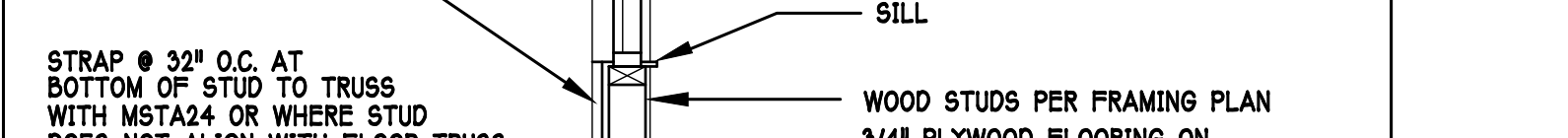
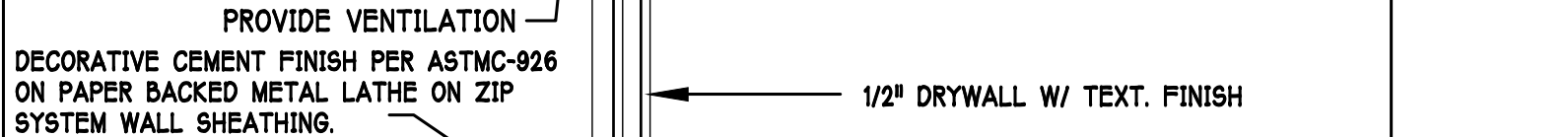
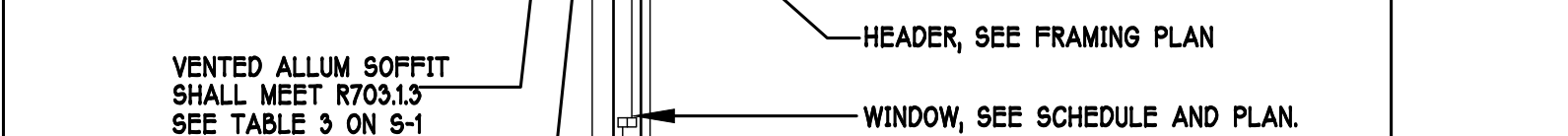
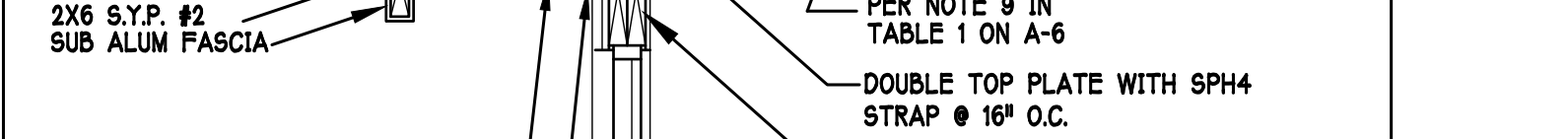
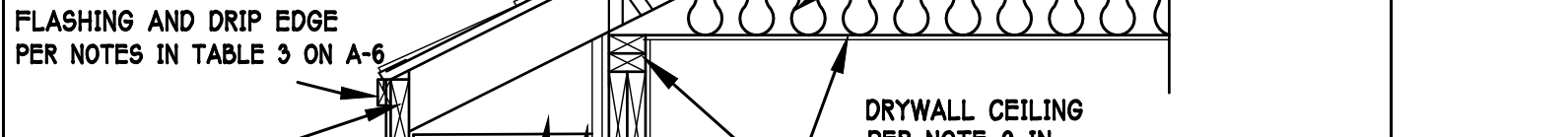
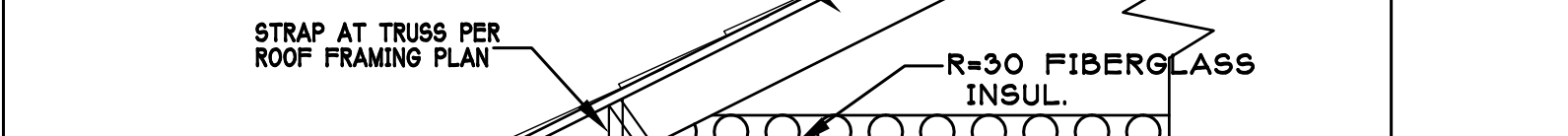
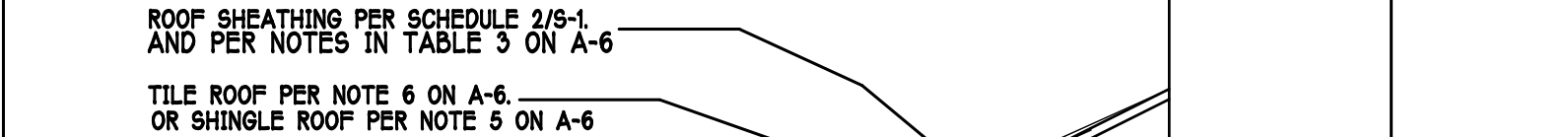
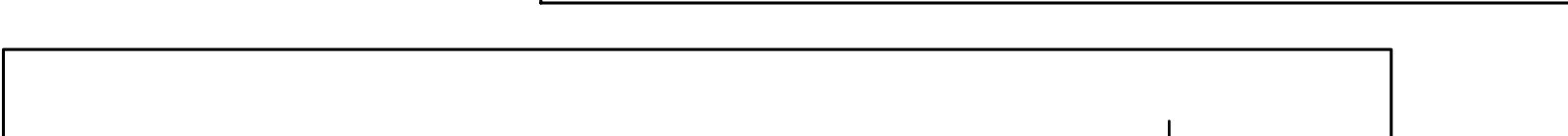
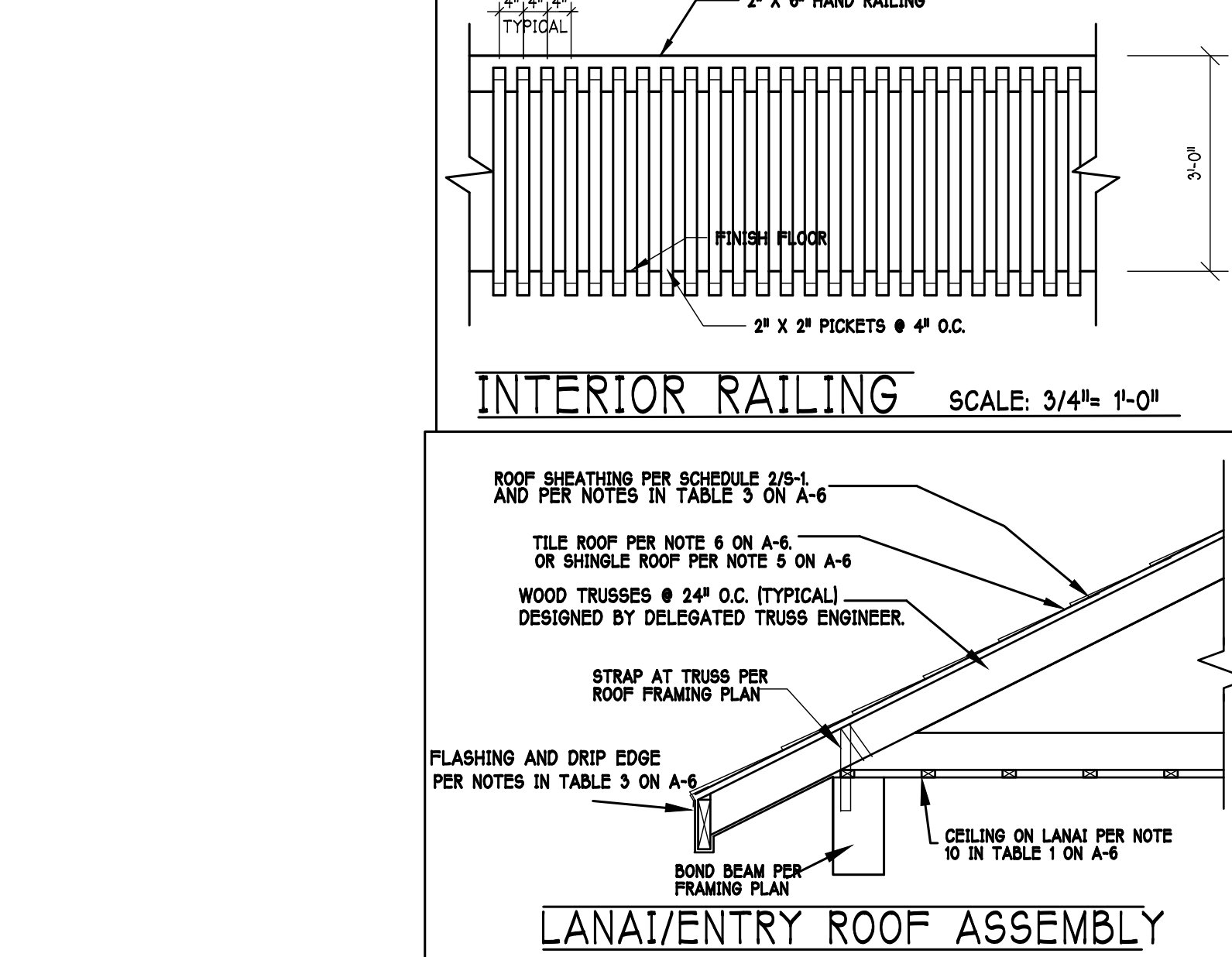
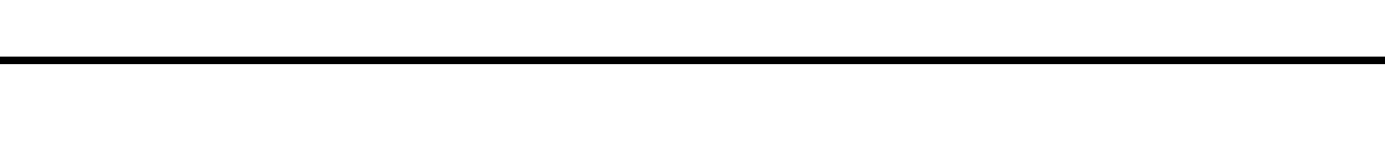
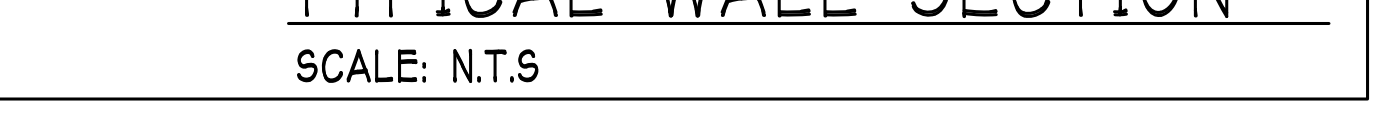
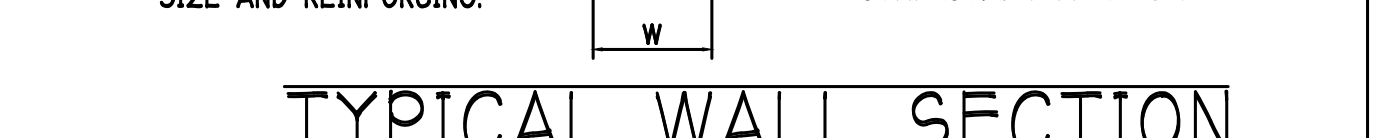
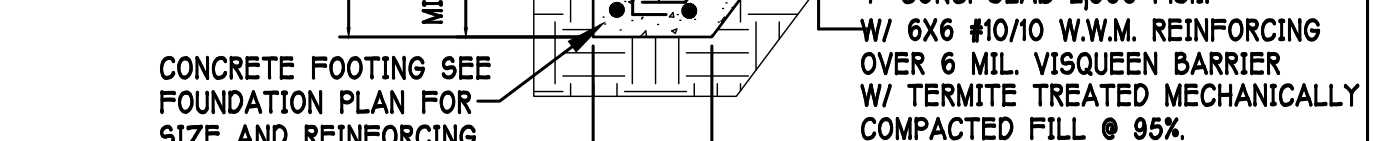
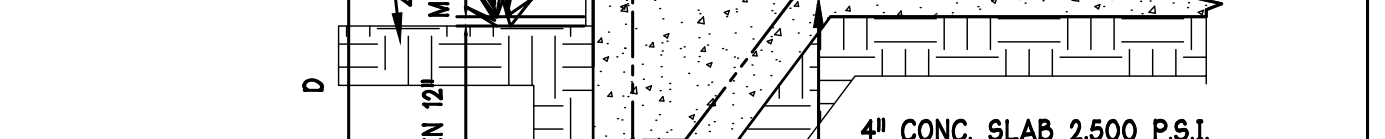
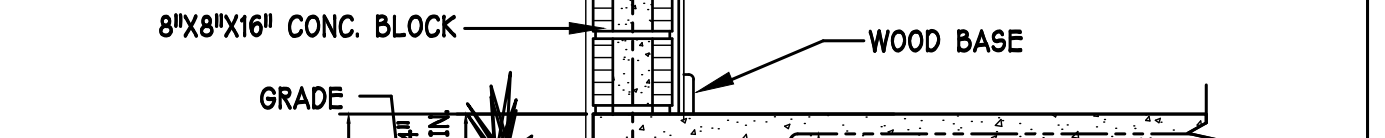
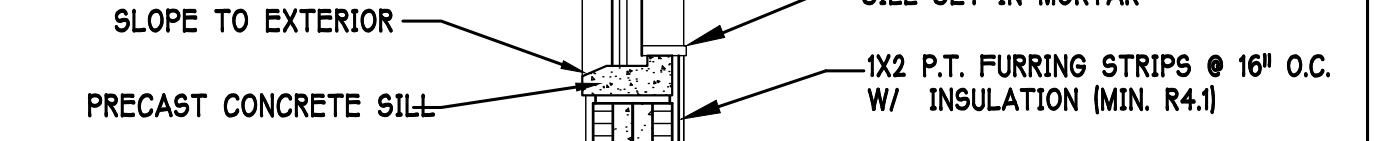
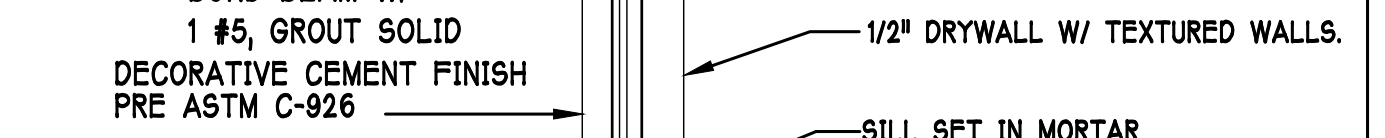
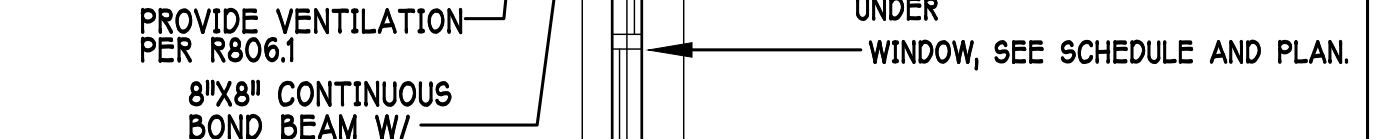
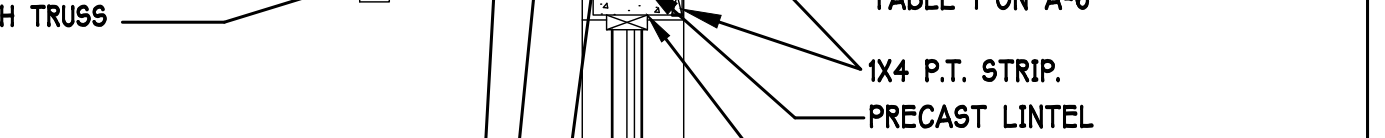
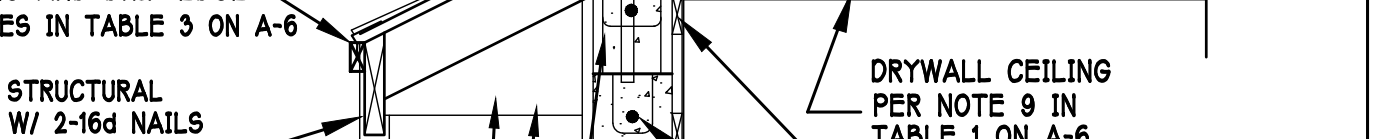
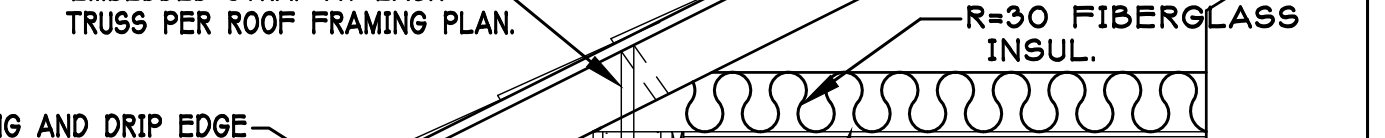
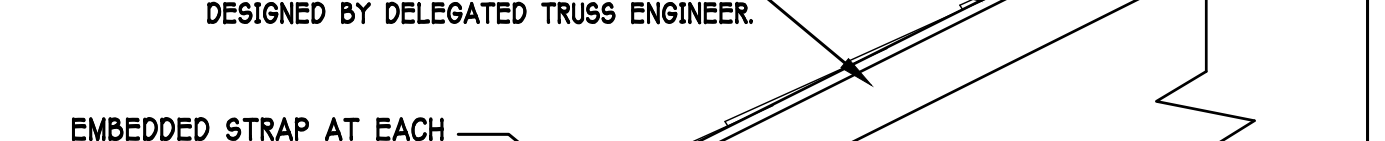
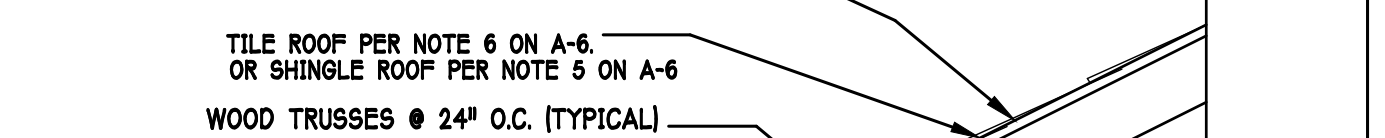
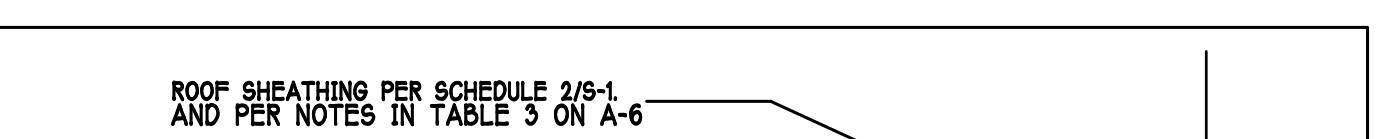
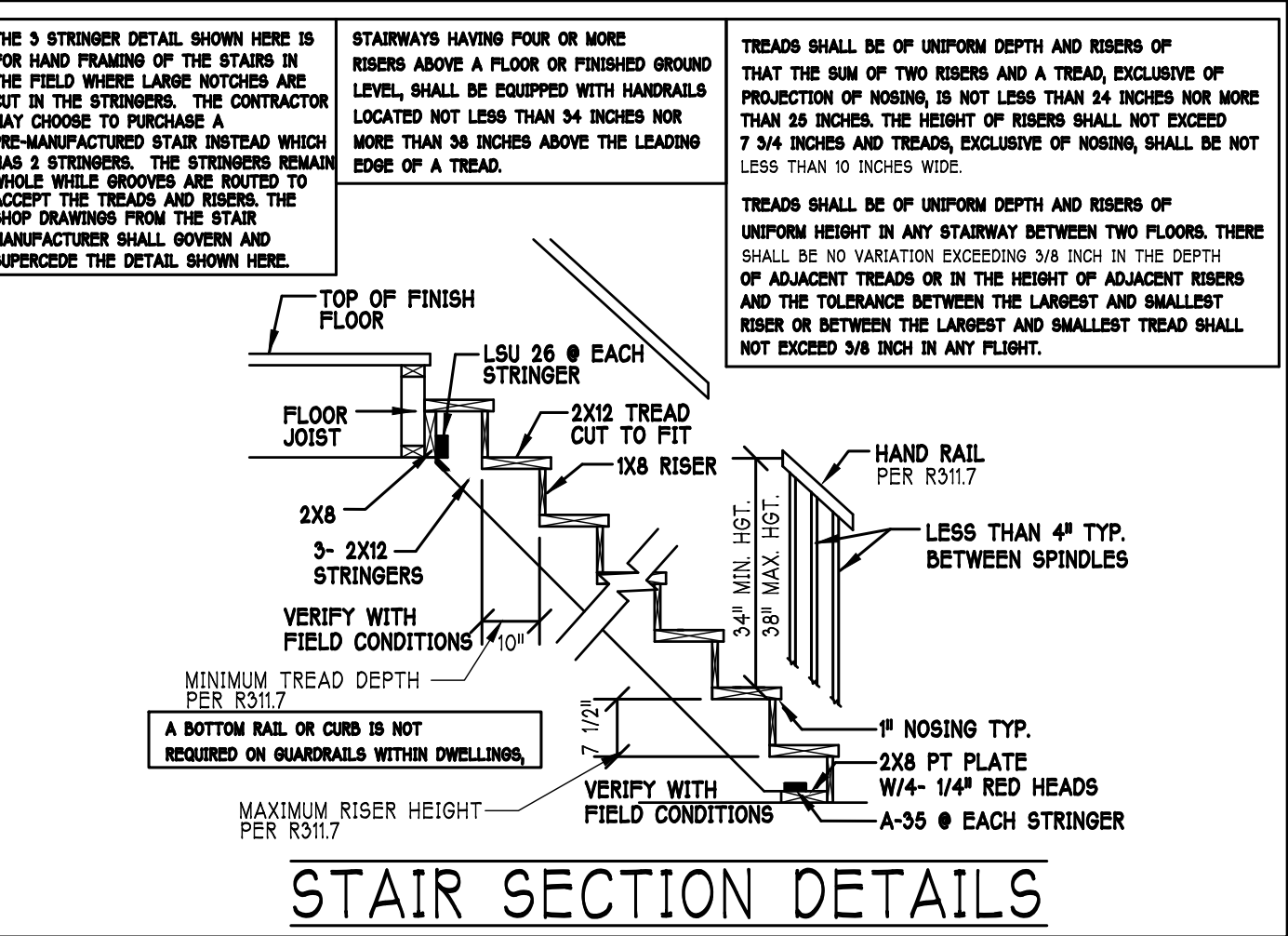
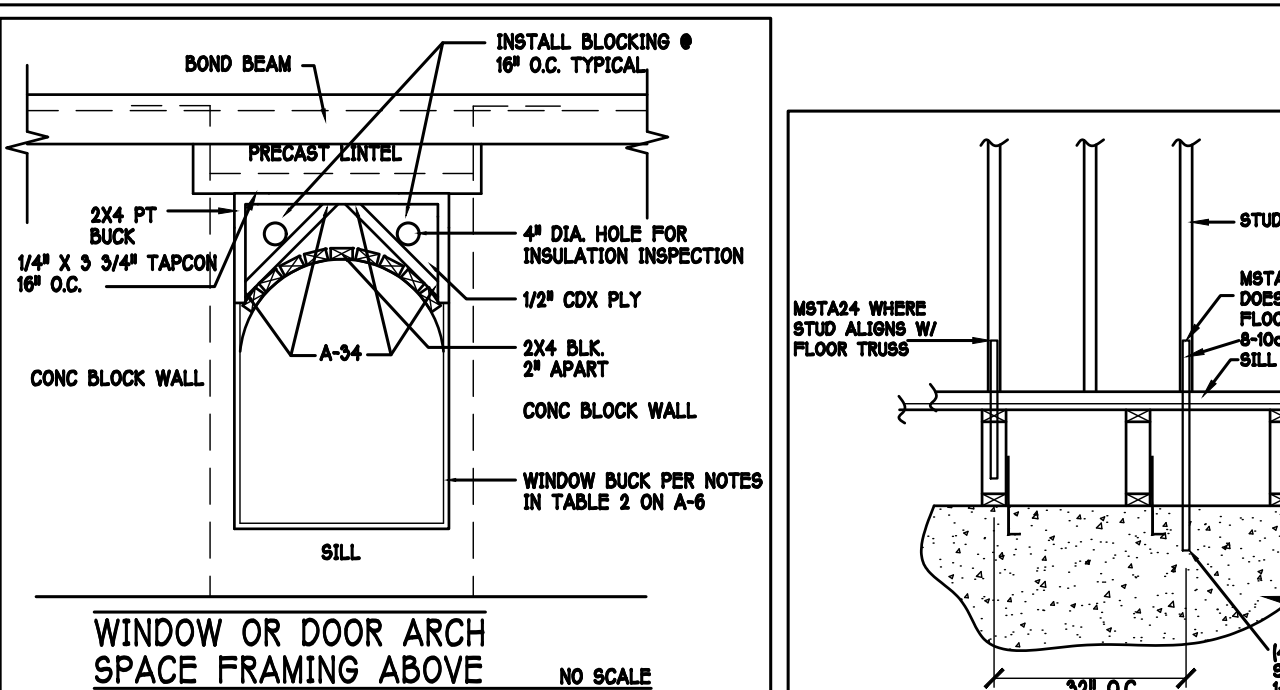
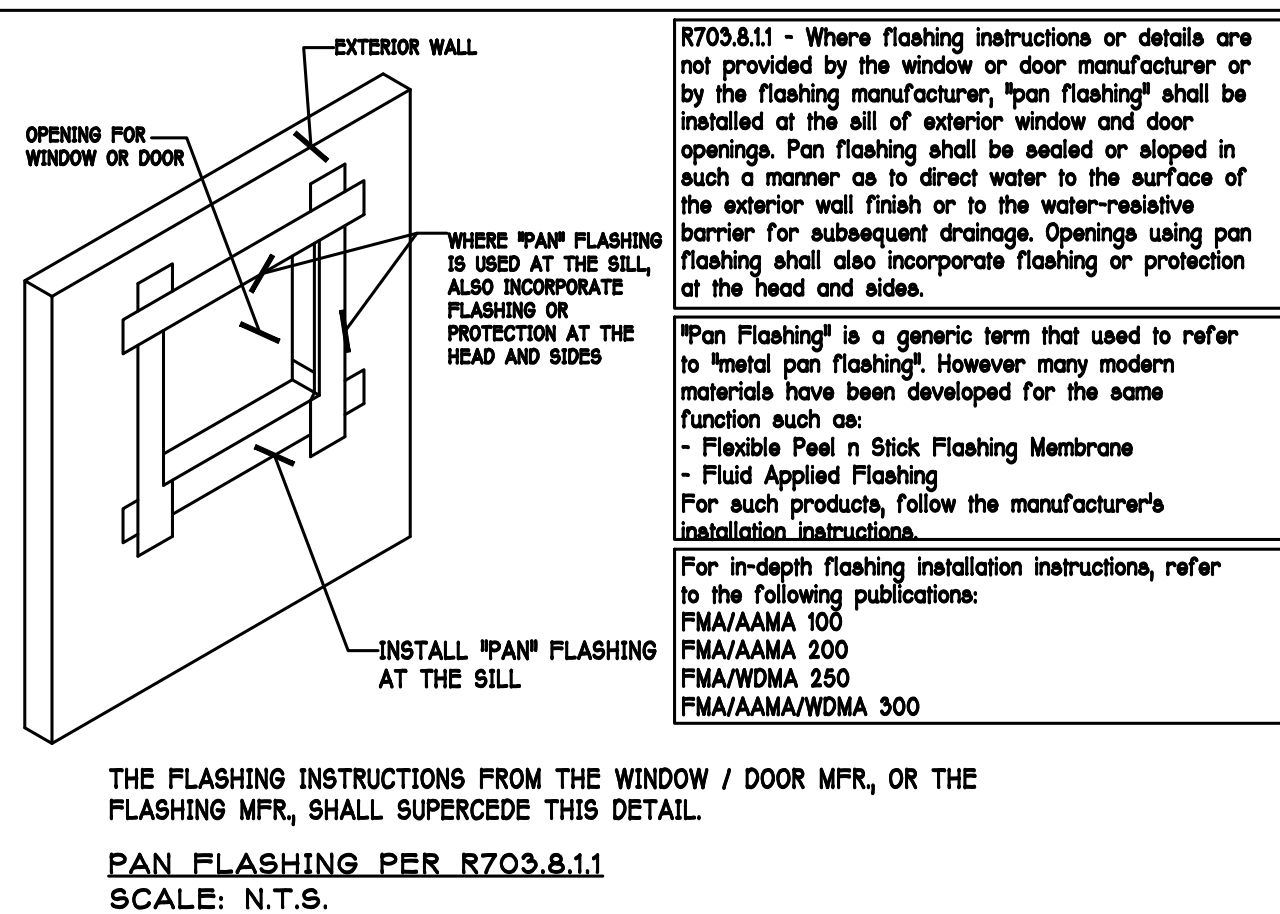
1. TILE PLACEMENT AND BRACING.
2. ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE.
3. AMOUNT AND PLACEMENT OF MORTAR.
4. AMOUNT AND PLACEMENT OF ADHESIVE.
5. TYPE, NUMBER, SIZE, AND LENGTH OF FASTENERS AND CLIPS.
6. UNDERLAYMENT.
7. SLOPE REQUIREMENT.

FLOOR SHEATHING AT 2ND FLOOR

APA RATED STURDI-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES SPAN RATING 48/24 OR BETTER, GLUE AND NAIL W/ 10d COMMON @ 6" O.C. EDGE AND FIELD.

EXTERIOR WALL SHEATHING

SHALL BE 7/16" THICK ZIP SYSTEM WALL SHEATHING MANUFACTURED BY HUBER ENGINEERED WOODS LLC. INSTALL PANELS WITH A 1/8" GAP BETWEEN EDGES AND FASTEN WITH 8d COMMON NAILS @ 6" O.C. EDGE AND FIELD. IF PANELS ARE INSTALLED HORIZONTALLY, BLOCKING SHALL BE INSTALLED BEHIND PANEL JOINTS. ALL SEAMS IN THE SHEATHING SHALL BE SEALED WITH THE ZIP SYSTEM SELF ADHERING SEAM TAPE USING THE ZIP SYSTEM APPLICATOR GUN. THE USUAL TYVEK HOUSE WRAP IS NOT REQUIRED.



DR-HOHON
America's Builder

Gulf Coast Drafting
& Design
Phone (239) 540-1822
Fax (239) 540-7759

STRUCTURAL
SYSTEMS
OF
FLORIDA
(888) 540-1822
(239) 540-7759
CNE 888

MODEL: BLOCK:
SUBDIV: UNIT 2554
ADDRESS:
G.C.D.#:
DR.H.#:

RESIDENCE FOR: SPEC

DATE: 01-25-17
DRAWN BY: JWC
CHECKED BY: JWC
REVISED:
PLAN: SECTIONS
SCALE: N.T.S.
SHEET#

DESIGN IN ACCORDANCE W/ THE 2014
RESIDENTIAL FLORIDA BUILDING
CODE- 5TH EDITION

A6-A

RESIDENTIAL SPECIFICATIONS

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ALL DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL SUPPLY, LOCATE AND BUILD INTO THE WORK ALL INSERTS, ANCHORS, ANGLES, PLATES, OPENINGS, SLEEVES, HANGERS, SLAB DEPRESSIONS AND PITCHES AS MAY BE REQUIRED TO ATTACH AND ACCOMMODATE OTHER WORK.
- ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUCTED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE IN THE WORK EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
- SUBSURFACE SOIL CONDITION INFORMATION IS NOT AVAILABLE. FOUNDATIONS ARE DESIGNED FOR A SOIL BEARING CAPACITY OF 2,000 PSF. THE CONTRACTOR SHALL REPORT ANY DIFFERING CONDITIONS TO THE DESIGNER PRIOR TO COMMENCING WORK.
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATION AND HOUSE PLANS, MECHANICAL, ELECTRICAL, PLUMBING AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
- ALL SPECIFIED FASTENERS MAY ONLY BE SUBSTITUTED IF APPROVED BY THE ENGINEER IN WRITING. THE INSTALLATION OF THE FASTENERS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. SIMPSON FASTENERS SPECIFIED MAY BE SUBSTITUTED WITH THE SAME QUANTITY AND EQUIVALENT STRENGTH PRODUCT.
- TREATED WOOD REQUIREMENTS: ALL WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, OR PRESSURE TREATED.
- THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCES TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUTS, OR TIE DOWNS.
- CEILING DRYWALL INSTALLED WITHIN THE HOUSE TO TRUSSES SPACED 24" O.C. SHALL BE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. 702.3.5
- LANAI CEILINGS & COVERED ENTRY CEILINGS: 1/4" STRIPPING @ 16" O.C. FASTENED WITH 2-84 NAILS TO EACH TRUSS. 5/8" EXTERIOR GYPSOARD CEILING FASTENED WITH 8d NAILS OR 1-5/8" DRYWALL SCREWS @ 6" O.C. EDGE AND FIELD.

DOOR AND WINDOW ANCHORAGE

ANCHORAGE REQUIREMENTS: ALL PASS AND SLIDING GLASS DOORS AND ALL WINDOW ASSEMBLIES SHALL BE ANCHORED TO THE MAIN WIND FORCE RESISTING SYSTEM IN A MANNER SPECIFIED BY THE PUBLISHED MANUFACTURERS LITERATURE. THERE SHALL BE NO SUBSTITUTION OF ALTERNATE FASTENINGS UNLESS PROVIDED BY THE MANUFACTURER AND APPROVED BY THE BUILDING DESIGN ENGINEER.

MASONRY OPENING: WHERE WINDOW FRAME IS DESIGNED TO FASTEN WITH SCREWS THROUGH THE FRAME AND INTO THE MASONRY, THE BUCK MATERIAL IS SIMPLY A SPACER. THE BUCK MAY BE FASTENED WITH 7 NAILS OR ANY SUITABLE FASTENER TO TACK IT INTO POSITION PRIOR TO WINDOW INSTALLATION. FASTEN WINDOW FRAME PER MFR INSTRUCTIONS. A WINDOW FASTENER SHALL PENETRATE MASONRY BY 2 1/4" MIN.

WHERE WINDOW FRAME IS DESIGNED TO FASTEN ONLY TO THE WOOD BUCK: FLANGED FRAME WITH WOOD SCREWS: THE BUCKS SHALL BE 2X WOOD WITH STRUCTURAL FASTENERS TO THE MASONRY WITH 1/4" X 3/4" MASONRY SCREWS @ 24" O.C. AND 6" FROM EACH END.

WOOD FRAMED OPENING: ALL DOORS AND WINDOWS SHALL BE INSTALLED ACCORDING TO THE PUBLISHED MANUFACTURER'S LITERATURE OF THE ASSEMBLY BEING INSTALLED TO THE ROUGH SUBSTRATE OPENING. SHIMS SHALL BE MADE OF MATERIALS CAPABLE OF RESISTING THE APPLIED LOADS AND SHALL BE LOCATED NEAR EACH FRAME FASTENER TO MINIMIZE DISTORTION OF THE FRAME AS THE FASTENERS ARE TIGHTENED.

GENERAL ROOF ASSEMBLY

ROOF SHEATHING: SHALL BE APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER. INSTALL PANELS WITH LONG DIMENSION PLACED PERPENDICULAR TO TRUSSES. A 1/8" SPACE BETWEEN ADJACENT SHEETS SHALL BE MAINTAINED. INSTALL 1/4" CLIPS AT UNSUPPORTED PANEL EDGES. THE ROOF SHEATHING SHALL BE Nailed WITH 8d RING SHANK NAILS @ 6" O.C. EDGE AND FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSS WITHOUT SPLITTING. RING SHANK NAILS PER 805.2.3.1 - 0.15" NOMINAL SHANK DIAMETER, RING DIA. OF 0.02" OVER SHANK DIAMETER, 16 TO 22 RINGS PER INCH, 0.250" DIAMETER FULL ROUND HEAD, 2" NAIL LENGTH.

FLASHING: FLASHING SHALL BE ALUMINUM ALUMINUM ZINC COATED STEEL .0178 INCHES THICK, 26 GAUGE ALUMINUM ZINC, OR GALVANIZED STEEL .0178 INCHES THICK, 26 GAUGE ZINC COATED 860. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURER'S PUBLISHED REQUIREMENTS. ALL FLASHING AND INSTALLATION SHALL CONFORM TO SECTION 805.2.5 (1) TO (5).

Drip Edge: Drip edge shall be provided at all eaves and gables of shingle roofs. LAPPED A MINIMUM OF 3" @ JOINTS. THE OUTSIDE EDGE SHALL EXTEND A MINIMUM OF 1/2" BELOW SHEATHING AND THE INSIDE EDGE SHALL EXTEND BACK A MINIMUM OF 2". Drip edge shall be fastened at no more than 4" centers. THERE SHALL BE A MINIMUM OF 4" WIDTH OF ROOF CEMENT INSTALLED OVER THE Drip Edge FLANGE.

CLAY AND CONCRETE TILE ROOF SPECS: INSTALL PEEL AND STICK UNDERLAYMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF. THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF 805.3 F.B.C. MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURER'S IDENTIFICATION MARK. APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

- TILE PLACEMENT AND SPACING.
- ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE.
- A. AMOUNT AND PLACEMENT OF MORTAR.
- B. AMOUNT AND PLACEMENT OF ADHESIVE.
- C. TYPE, NUMBER, SIZE, AND LENGTH OF FASTENERS AND CLIPS.
- D. UNDERLAYMENT.
- E. SLOPE REQUIREMENT.

FLOOR SHEATHING AT 2ND FLOOR: A.P.A. RATED STURDIO-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES. SPAN RATING 48/24 OR BETTER, GLUE AND NAIL W/ 10d COMMON @ 6" O.C. EDGE AND FIELD.

EXTERIOR WALL SHEATHING: SHALL BE 7/16" THICK ZIP SYSTEM WALL SHEATHING MANUFACTURED BY HUBER ENGINEERED WOODS LLC. INSTALL PANELS WITH A 1/8" GAP BETWEEN EDGES AND FASTEN WITH 8d COMMON NAILS @ 6" O.C. EDGE AND FIELD. IF PANELS ARE INSTALLED HORIZONTALLY, BLOCKING SHALL BE INSTALLED BEHIND PANEL JOINTS. ALL BEAMS IN THE SHEATHING SHALL BE SEALED WITH THE ZIP SYSTEM SELF ADHERING SEAM TAPE USING THE ZIP SYSTEM APPLICATOR GUN. THE USUAL TYVEK HOUSE WRAP IS NOT REQUIRED.

WOOD FRAMING:

- ALL WOOD FRAMING SHALL BE FABRICATED AND INSTALLED PER NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
- UNLESS NOTED OTHERWISE THE FOLLOWING MINIMUM GRADES SHALL BE USED:
 - INTERIOR BEARING WALLS SPF #2
 - RAFTERS, JOISTS, HEADERS AND BEAMS SYP #2. EXTERIOR BEARING WALLS.
- TREATED WOOD REQUIREMENTS: ALL WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, OR PRESSURE TREATED.
- CONTRACTOR SHALL PROVIDE ALL FASTENING DEVICES AS SHOWN ON THE DRAWINGS AND AS NECESSARY AND SUITED FOR EACH APPLICATION. FASTENING SUBJECT TO MOISTURE SHALL BE HOT DIP GALVANIZED TO ASTM A-153-80, OR STAINLESS STEEL.
- ALL METAL CONNECTIONS AND FABRICATIONS SHALL COMPLY WITH AISC SPECIFICATIONS.
- SOLID BLOCK ALL JOISTS AND RAFTERS AT POINTS OF SUPPORT.
- PREFABRICATED STRUCTURAL TRUSSES SHALL COMPLY WITH NFPA NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, TPI DESIGN SPECIFICATIONS FOR METAL PLATE WOOD TRUSSES AND ATTIC 100.
- ALL TRUSSES SHALL BE DESIGNED AND CERTIFIED BY THE TRUSS MANUFACTURER'S STATE OF FLORIDA REGISTERED ENGINEER.
- CONTRACTOR SHALL CORRELATE WITH TRUSS MANUFACTURER TO ENSURE THAT ADEQUATE BEARING IS PROVIDED AT END REACTIONS OF ALL GIRDER TRUSSES.
- TRUSS MANUFACTURER SHALL SUBMIT SHOP DRAWINGS TO THE CONTRACTOR AND DESIGNER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF DIMENSIONS, MATERIALS AND CONDITIONS.
- AT VOLUME CEILING CONDITIONS, ALIGN TRUSSES TO PROVIDE A SMOOTH AND UNBROKEN INTERIOR WALL SURFACE FROM FLOOR TO CEILING.
- BRACE TRUSSES DURING ERECTION AND AFTER PERMANENT INSTALLATION TO COMPLY WITH TPI BW-76.
- MICRO-LAMS (OR EQUAL PARALAMS, LVLS, ETC) SHALL BE USED WHERE SPECIFIED ON ENGINEERED PLANS AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ANY EDGES OR ENDS EXPOSED TO THE WEATHER SHALL BE PROTECTED BY THE INSTALLATION OF 26 GA. MIN. GALVANIZED STEEL FLASHING.
- SPICES IN MULTI-BOARD CONTINUOUS BEAMS SHALL BE ALLOWED FOR ONE BOARD ONLY PER SPAN AND ONLY AT THE QUARTER POINT OF THE SPAN, UNLESS SHOWN OTHERWISE.
- SPACE FRAMING OF ARCHES UNDER THE BEAM SHALL BE FILL IN FRAME UNLESS NOTED OR CONSTRUCTED OTHERWISE.

ASPHALT SHINGLE ROOF SPECS

SHINGLES: 15# felt shall be installed under asphalt shingles. All asphalt shingles shall have self sealing strips or be interlocking and comply with ASTM D 225 or D2465, and shall be secured to the roof with no less than 6 fasteners per shingle strip, or a minimum of 2 fasteners per shingle tab. And shall in no case be fastened with less fasteners than that required by the manufacture. Installation shall comply with the manufacture requirements for installation in the given Florida wind zone, as determined by ASTM D 3161.

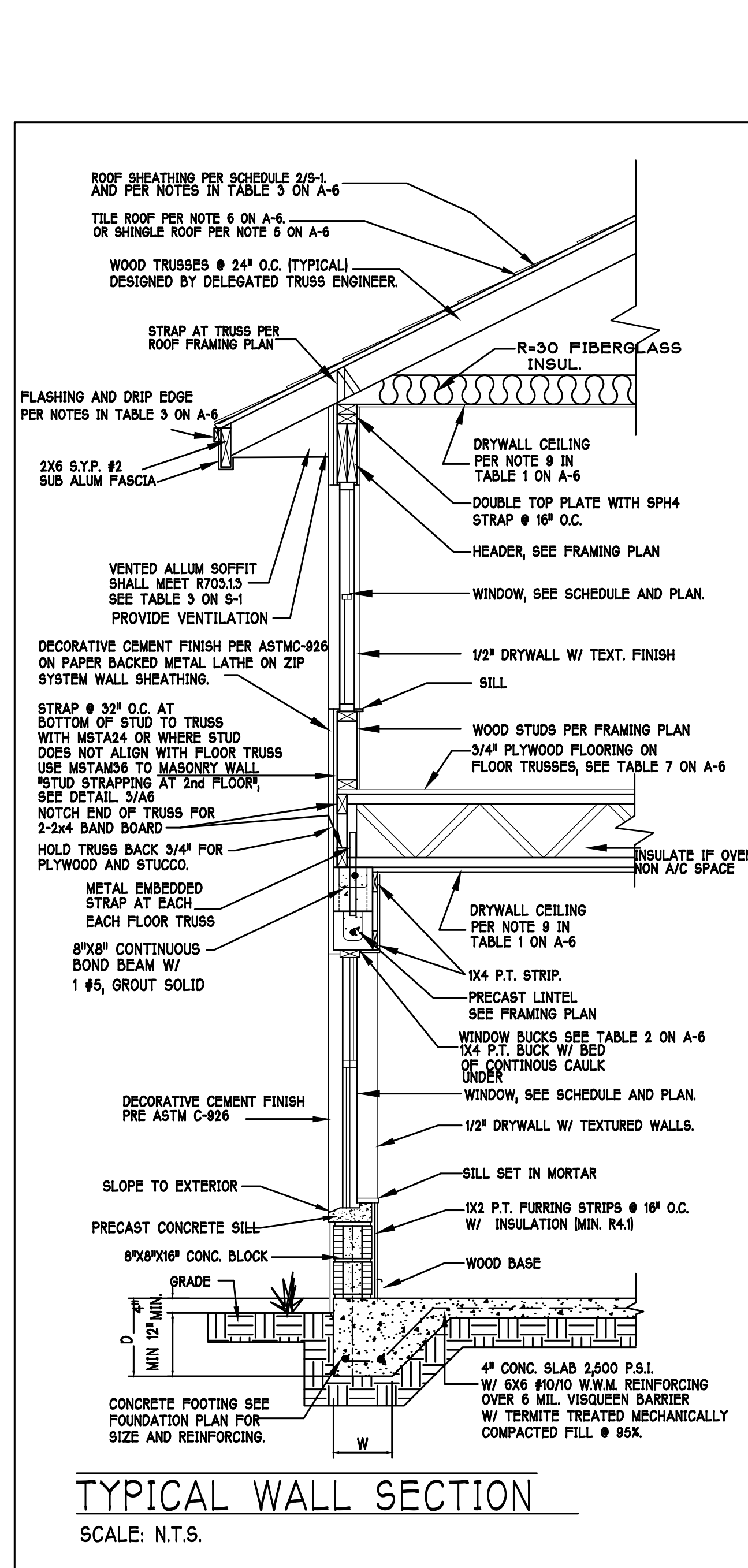
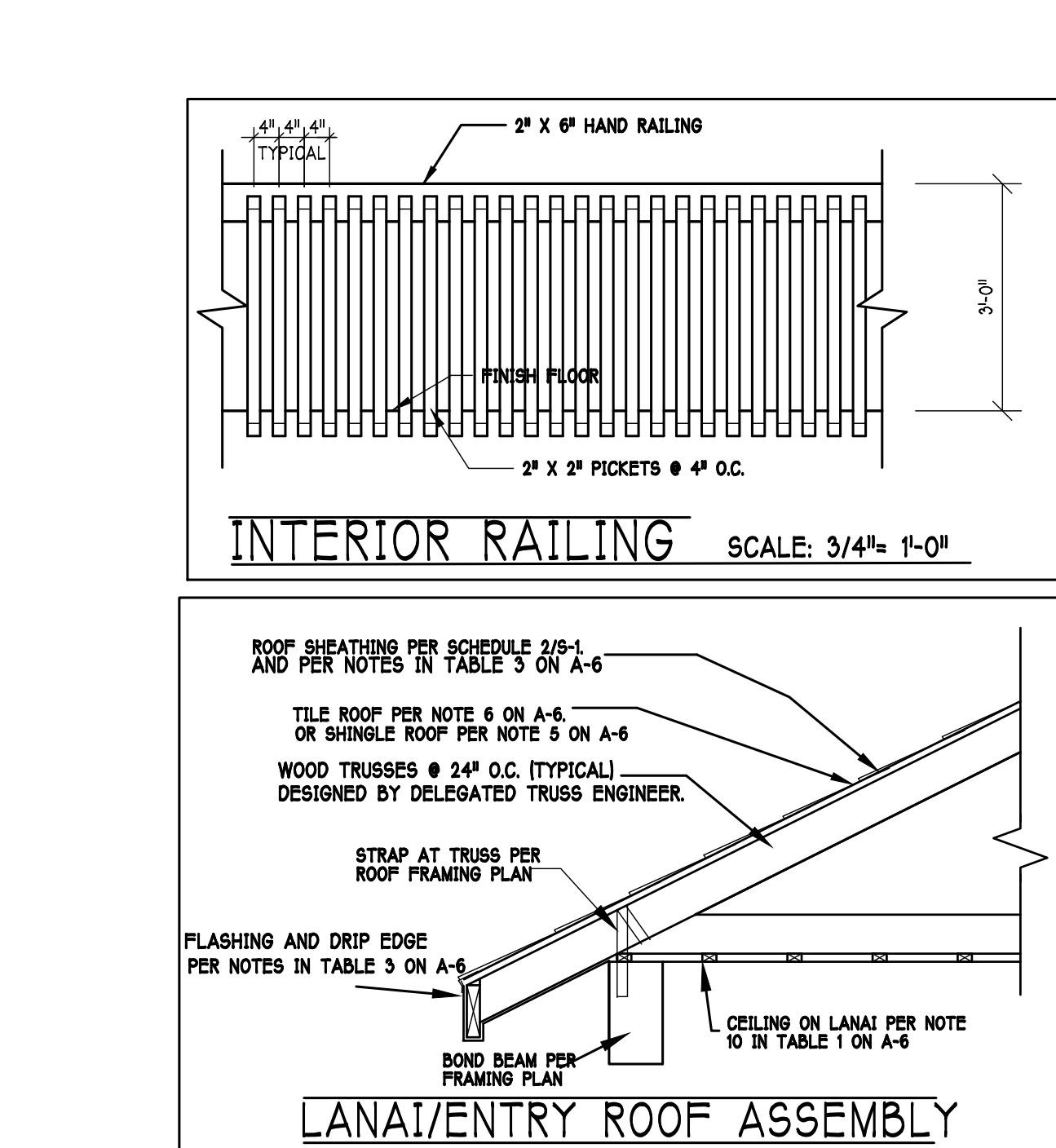
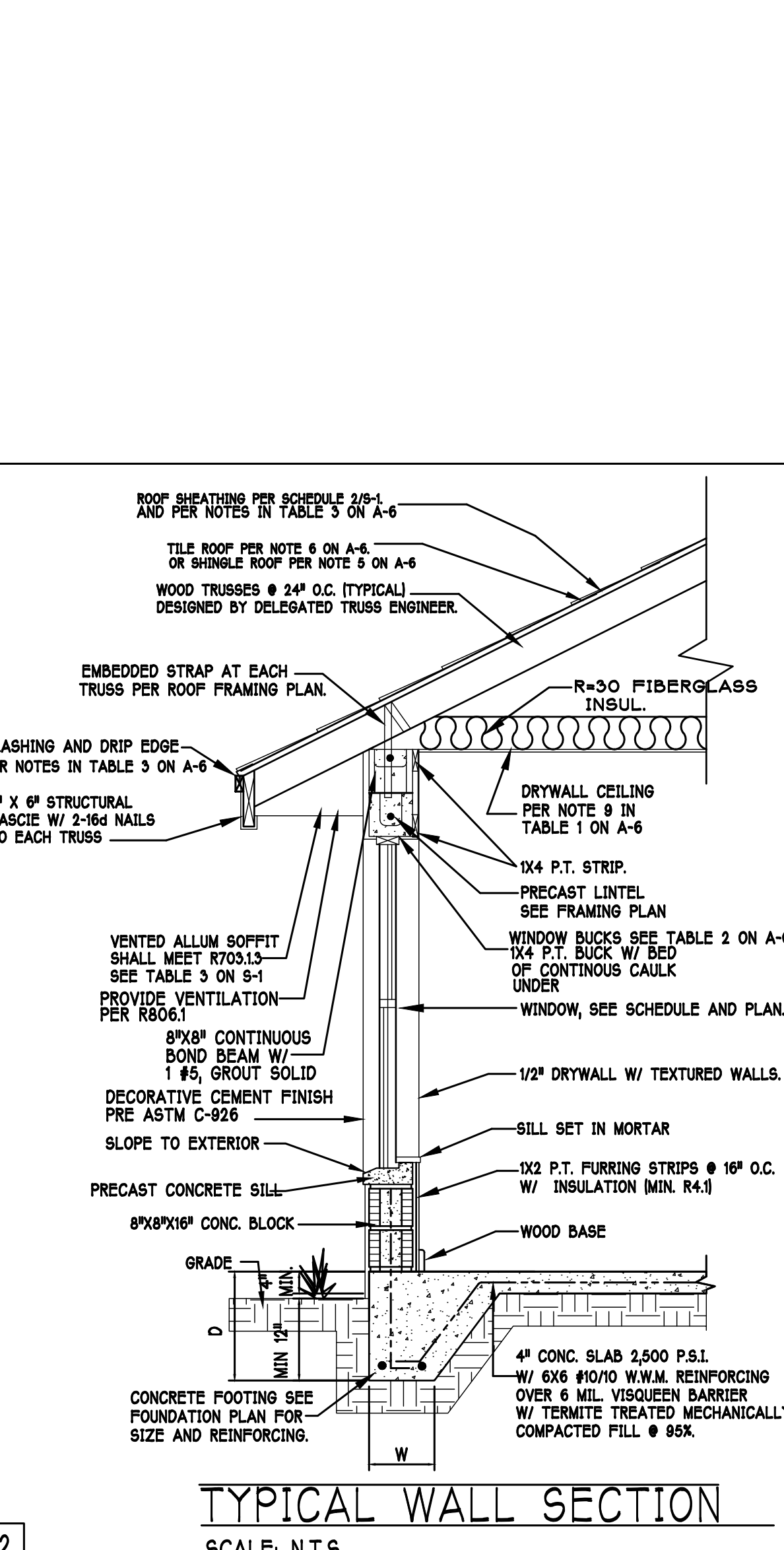
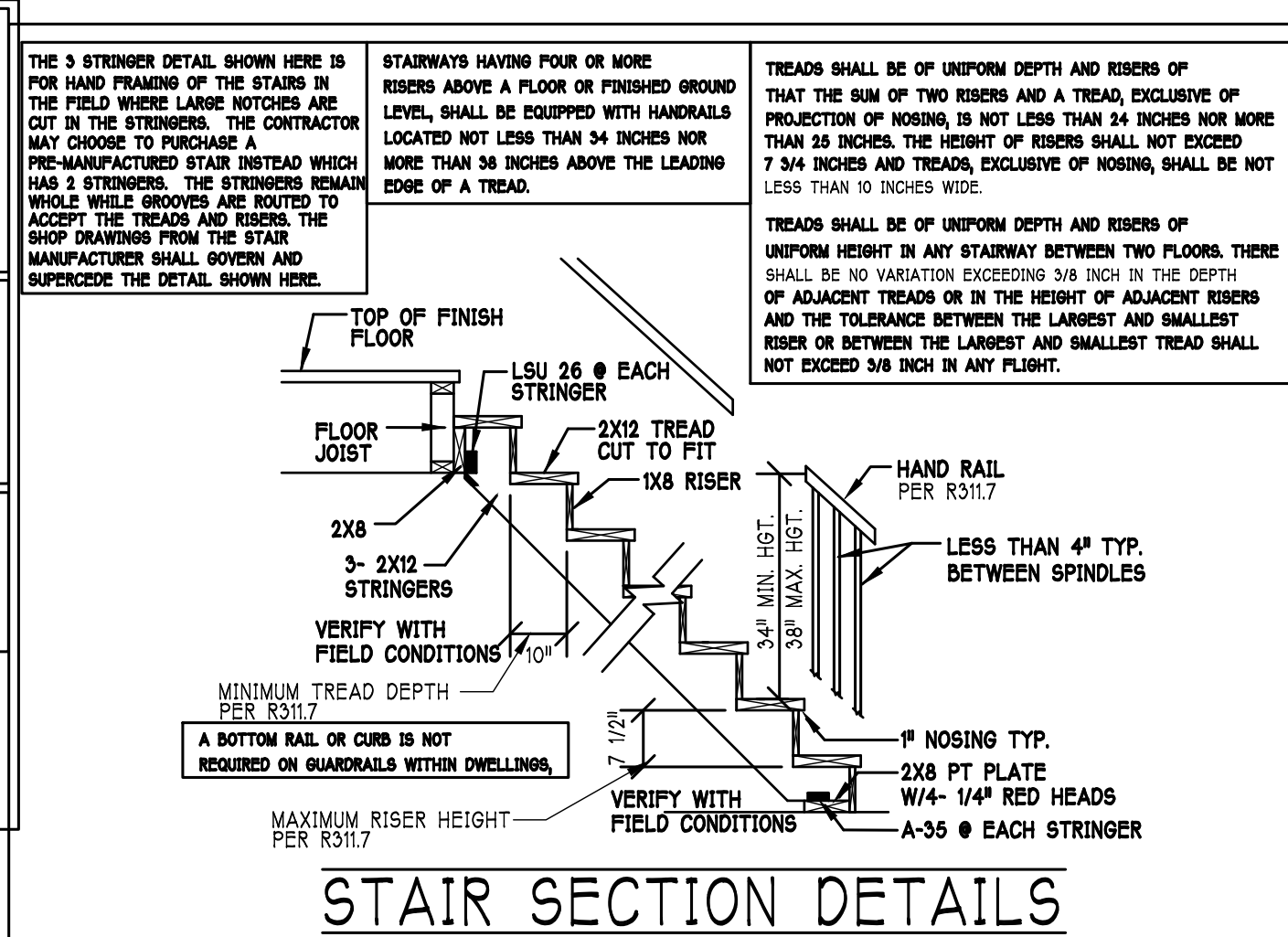
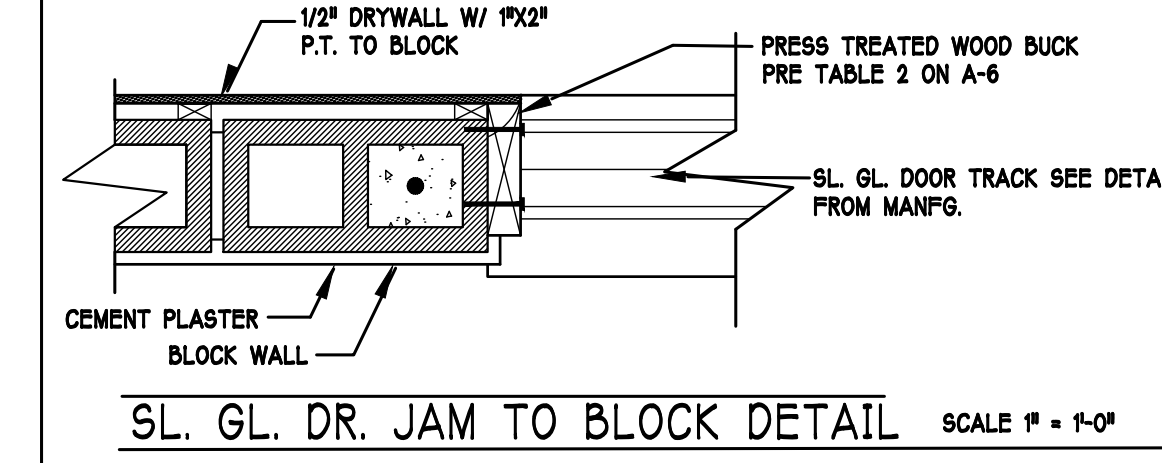
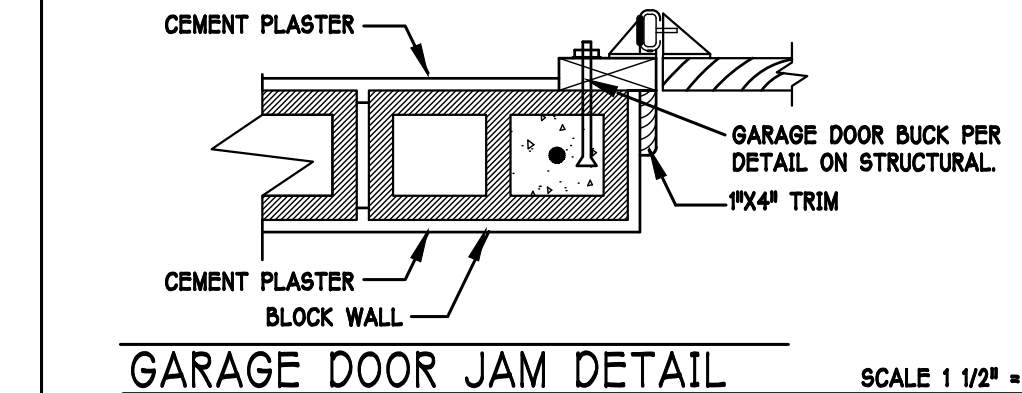
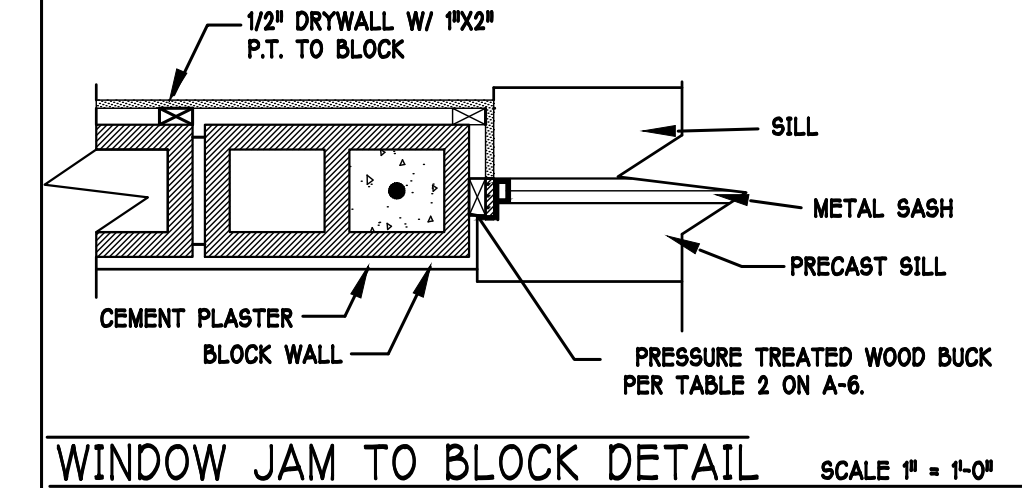
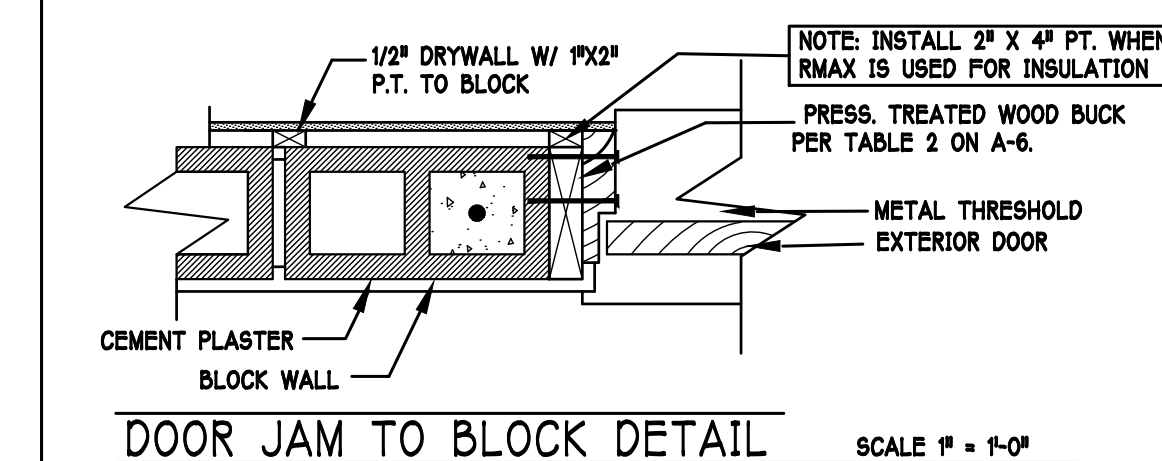
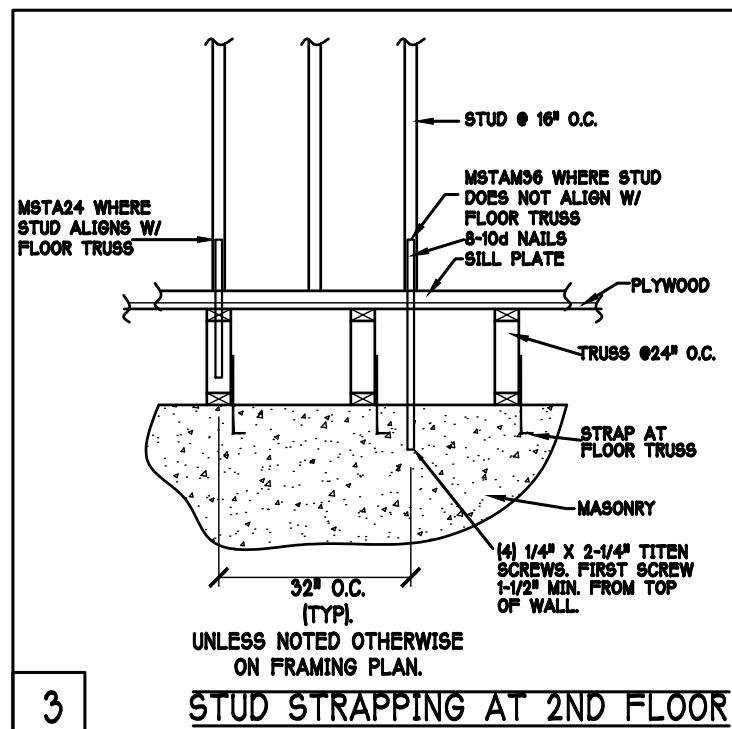
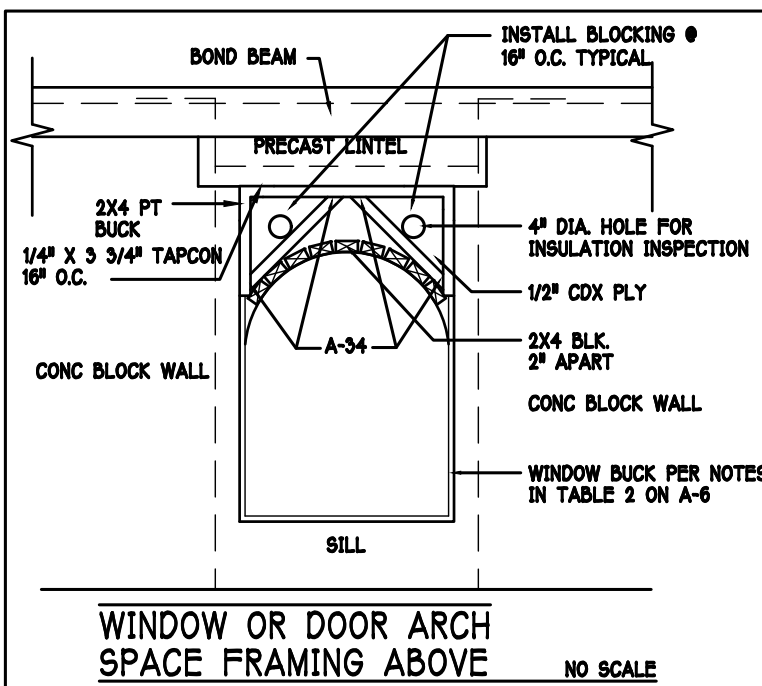
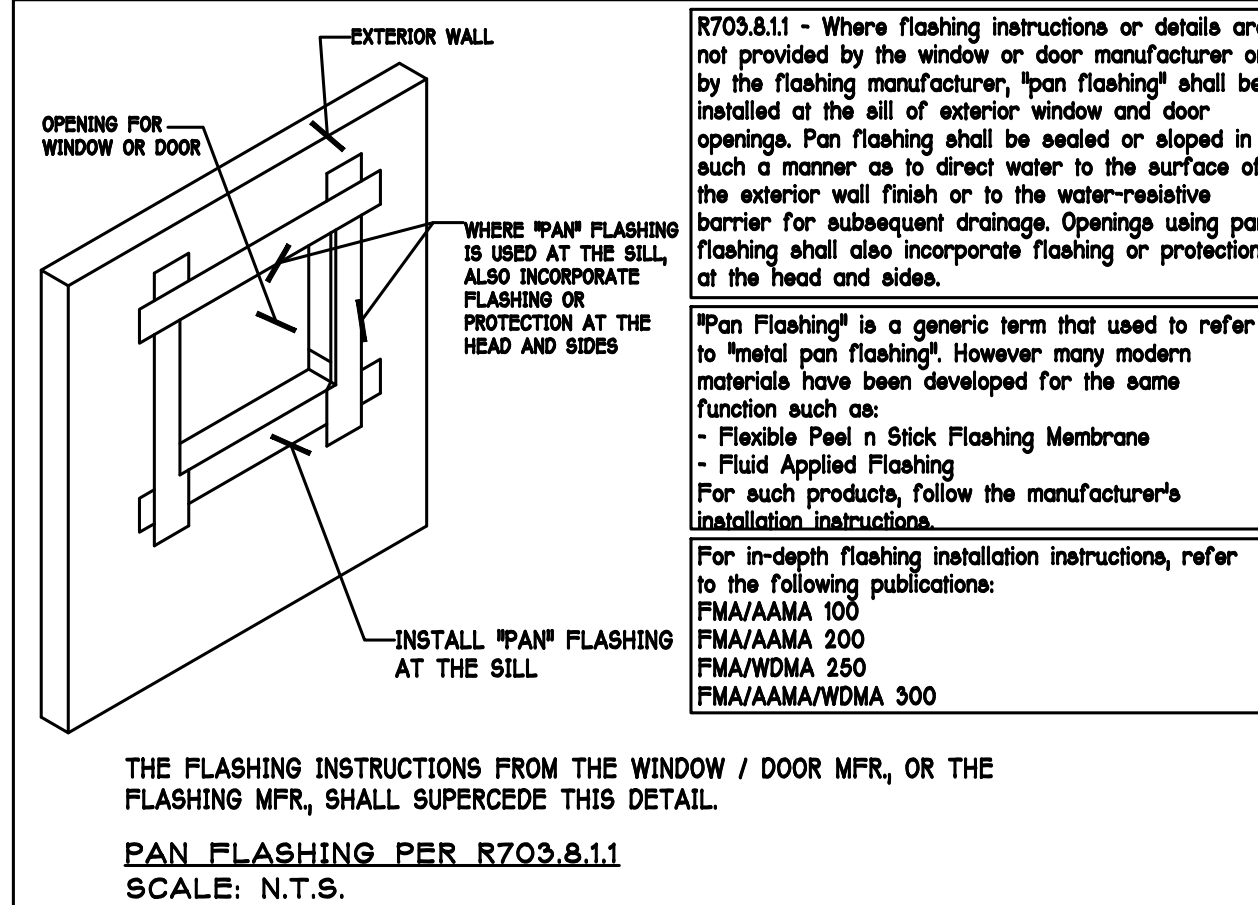
FASTENERS: Fasteners for asphalt shingles shall comply with ASTM F 1667, and shall be made of galvanized steel, stainless steel or aluminum with a minimum shank size of 12 gage (0.105 inches) with a minimum 3/8 inch diameter head and shall be of 5 length to penetrate the sheathing.

The nail component of plastic cap nails shall meet or exceed the requirements of ASTM A 941 Class 1 or equal, and shall be corrosion resistant by coating electro galvanization, mechanical galvanization, hot dipped galvanization or shall be made of stainless steel, non ferrous metal.

CLAY AND CONCRETE TILE ROOF SPECS: INSTALL PEEL AND STICK UNDERLAYMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF. THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF 805.3 F.B.C. MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURER'S IDENTIFICATION MARK. APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

- TILE PLACEMENT AND SPACING.
- ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE.
- A. AMOUNT AND PLACEMENT OF MORTAR.
- B. AMOUNT AND PLACEMENT OF ADHESIVE.
- C. TYPE, NUMBER, SIZE, AND LENGTH OF FASTENERS AND CLIPS.
- D. UNDERLAYMENT.
- E. SLOPE REQUIREMENT.

EXTERIOR WALL SHEATHING: SHALL BE 7/16" THICK ZIP SYSTEM WALL SHEATHING MANUFACTURED BY HUBER ENGINEERED WOODS LLC. INSTALL PANELS WITH A 1/8" GAP BETWEEN EDGES AND FASTEN WITH 8d COMMON NAILS @ 6" O.C. EDGE AND FIELD. IF PANELS ARE INSTALLED HORIZONTALLY, BLOCKING SHALL BE INSTALLED BEHIND PANEL JOINTS. ALL BEAMS IN THE SHEATHING SHALL BE SEALED WITH THE ZIP SYSTEM SELF ADHERING SEAM TAPE USING THE ZIP SYSTEM APPLICATOR GUN. THE USUAL TYVEK HOUSE WRAP IS NOT REQUIRED.



DESIGN IN ACCORDANCE W/ THE 2014 RESIDENTIAL FLORIDA BUILDING CODE- 5TH EDITION

D-R HOHON
America's Builder

Gulf Coast Drafting & Design
Phone (239) 540-1822
Fax (239) 540-7759

STRUCTURAL SYSTEMS OF SOUTH FLORIDA
1634 S.E. 47th ST. SUITE #2
CA 8829

MODEL:	UNIT 2554	RESIDENCE FOR:	SPEC
LOT:	SUBDIV:	ADDRESS:	G.C.D.#:
BLOCK:			DR.H#:

DATE:	01-25-17
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	
PLAN:	SECTIONS
SCALE:	N.T.S.
SHEET#	

A6-B

