

JOB No.	MASTER
DATE DRAWN	7/16/2019
DATE PRINTED	10/29/2019

GENERAL TRUSS ENGINEERING CRITERIA & DESIGN LOADS	
DESIGN CODE	FBC2017/TP12014
WIND CODE	MWFRS (Directional)/C-C HYBRID WIND ASCE 7-10
WIND LOAD	160 MPH
EXPOSURE CATEGORY	C
OCCUPANCY CATEGORY	II
IMPORTANCE FACTOR	1.0
WIND DURATION FACTOR	1.60
OPENING CONDITIONS	ENCLOSED
TRUSSES HAVE BEEN DESIGNED FOR A 10.0 PSF BOTTOM CHORD LIVE LOAD NONCONCURRENT WITH ANY OTHER LIVE LOADS	
TRUSS LOADING	ROOF
TCLL	20 PSF
TCDL	20 PSF
BCLL	0 PSF
BCDL	10 PSF
TOTAL	50 PSF
DURATION	1.25
TCDL / TO RESIST UPLIFT	5 PSF
BCDL / TO RESIST UPLIFT	5 PSF

CAUTION!!

DO NOT ATTEMPT TO ERECT TRUSSES WITHOUT REFERRING TO THE ENGINEERING DRAWINGS AND BSCI-B1 SUMMARY SHEETS.

ALL PERMANENT BRACING MUST BE IN PLACE PRIOR TO LOADING TRUSSES. (ie. SHEATHING, SHINGLES, ETC.)

ALL INTERIOR BEARING WALLS MUST BE IN PLACE PRIOR TO INSTALLING TRUSSES.

REFER TO FINAL ENGINEERING SHEETS FOR THE FOLLOWING.

- 1) NUMBER OF GIRDER PLIES AND NAILING SCHEDULE.
- 2) BEARING BLOCK REQUIREMENTS.
- 3) SCAB DETAILS (IF REQUIRED)
- 4) UPLIFT AND GRAVITY REACTIONS.

WARNING
BACK CHARGES WILL NOT BE
ACCEPTED REGARDLESS OF FAULT
WITHOUT PRIOR NOTIFICATION BY
CUSTOMER WITHIN 48 HOURS AND
INVESTIGATION BY Builders First Source.
NO EXECEPTIONS.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CONNECTIONS OTHER THAN TRUSS TO TRUSS, GABLE SHEAR WALL, AND CONNECTIONS. TEMPORARY AND PERMANENT BRACING, AND CEILING AND ROOF DIAPHRAM CONNECTIONS.

ROOF PITCH	5/12
CEILING PITCH	FLAT
TOP CHORD SIZE	2 x 4 MIN.
BOTTOM CHORD SIZE	2 x 4 MIN.
OVERHANG LENGTH	N/A
CANTILEVER	14 1/2"
END CUT	PLUMB
FLOOR TRUSS SPACING	N/A
ROOF TRUSS SPACING	24"

BUILDER	DR Horton
PROJECT	2414 B 160 C LH
MODEL	2414
ADDRESS	--
CITY, STATE	--, FL.
LOT	--
COUNTY	--
DRAWN BY	D.W.
ENG. BY	D.W.

REVISIONS			
No.	DATE	NOTES	BY

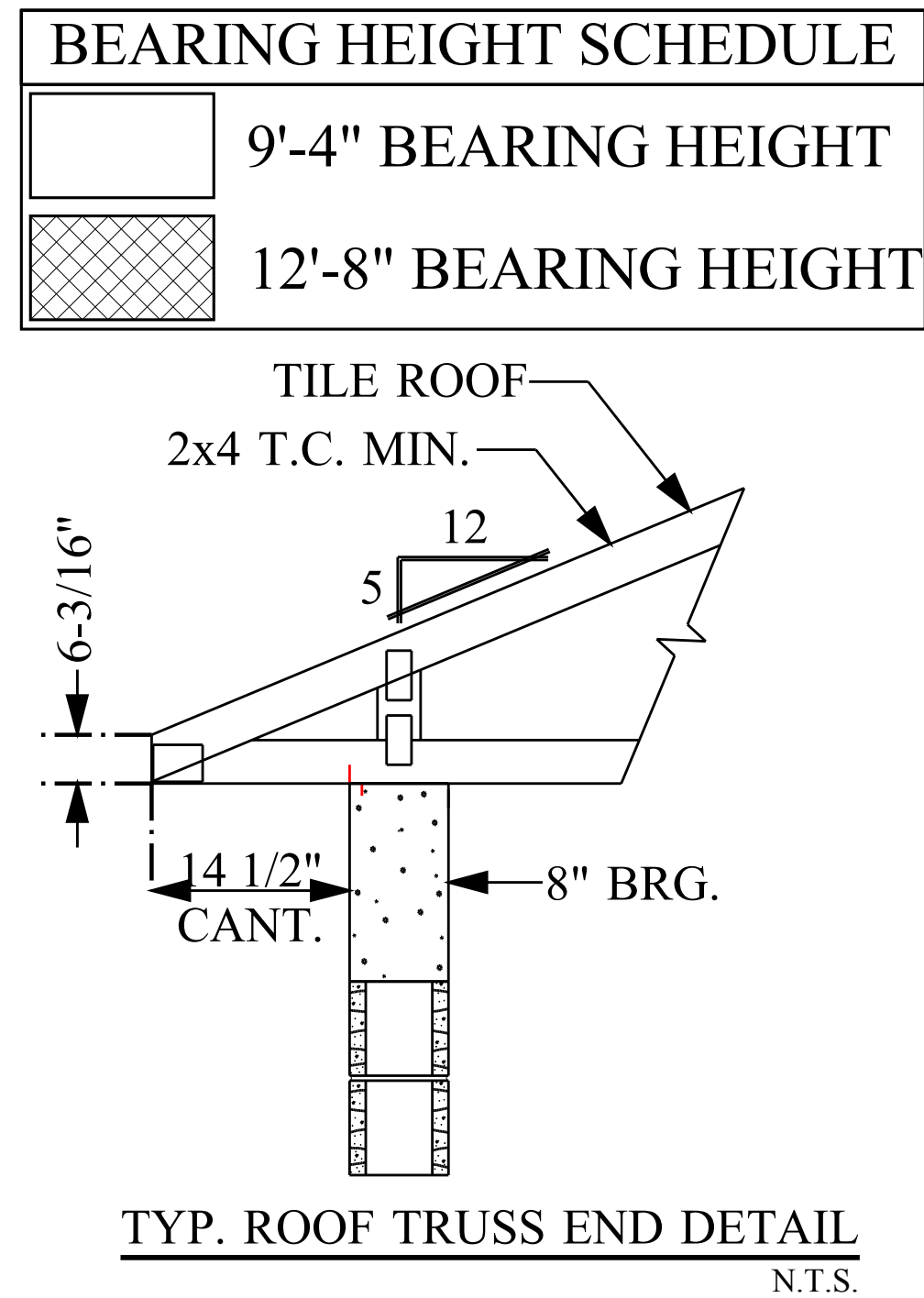
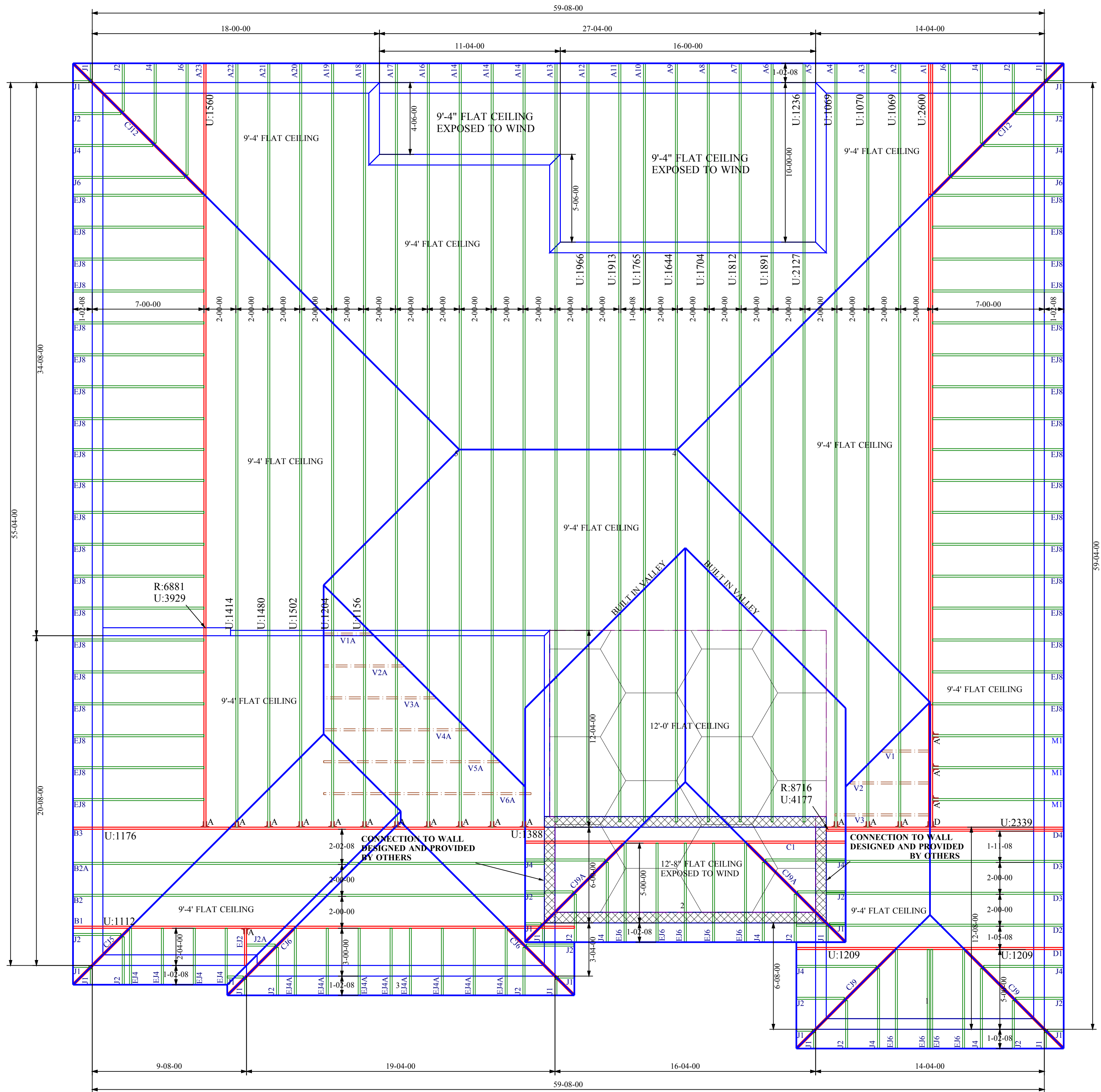
IMPORTANT





















This Drawing Must Be Approved And Returned
Before Fabrication Will Begin. For Your Protection
Check All Dimensions And Conditions Prior To
Approval Of Plan.

SIGNATURE BELOW INDICATES ALL NOTES
AND DIMENSIONS HAVE BEEN ACCEPTED.


By _____ Date _____

6850 Taylor Road Punta Gorda, Fl. 33950
Phone: 941-575-2250 / Fax:941-575-0319

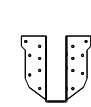


USP ROOF AND FLOOR TRUSS HANGER SCHEDULE							
ID	QTY/RF	QTY/FL	MODEL	FLOOR	ROOF	UPLIFT	SYMBOL
A	0	0	JUS24	725	895	490	
A	18	0	THD26	2940	3200 / 3600	1250 / 1555	
B	0	0	THD28	3820	3895 / 4680	1235 / 2140	
C	0	0	THD26-2	2940	3600	1515 / 2175	
D	1	0	THD28-2	3820	4310 / 4680	1530 / 3485	
E	0	0	THDH26-2	4355	5320	2155	
F	0	0	THDH28-2	7460	7460	3235	
G	0	0	THDH26-3	4355	5230	2155	
H	0	0	THDH28-3	7460	7460	3235	
I	0	0	THDH16710	9100	9100	4095	
J	0	0		865	1055	765	
K	0	0		865	1055	765	
L	0	0		1440	1760	1250	
M	0	0		1440	1760	1250	
N	0	0		2680	3265	960	
O	0	0	HJC26	2385	2980	1840	
P	N/A	0	THD46	2790	3410	1550	
Q	N/A	0	MSH422	2245	2245	1855	
R	N/A	0	MSH422IF	2245	2245	1855	
S	N/A	0	MSH426	2435	2435	1855	


NOTE: UPLIFT VALUE FOR TH422, TH4C422, TH4A26 HANGERS APPLY ONLY TO FACE MOUNT INSTALLATION




(1) PLY



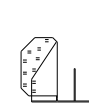
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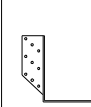
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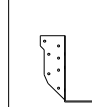
CORNER HIP



CORNER HIP



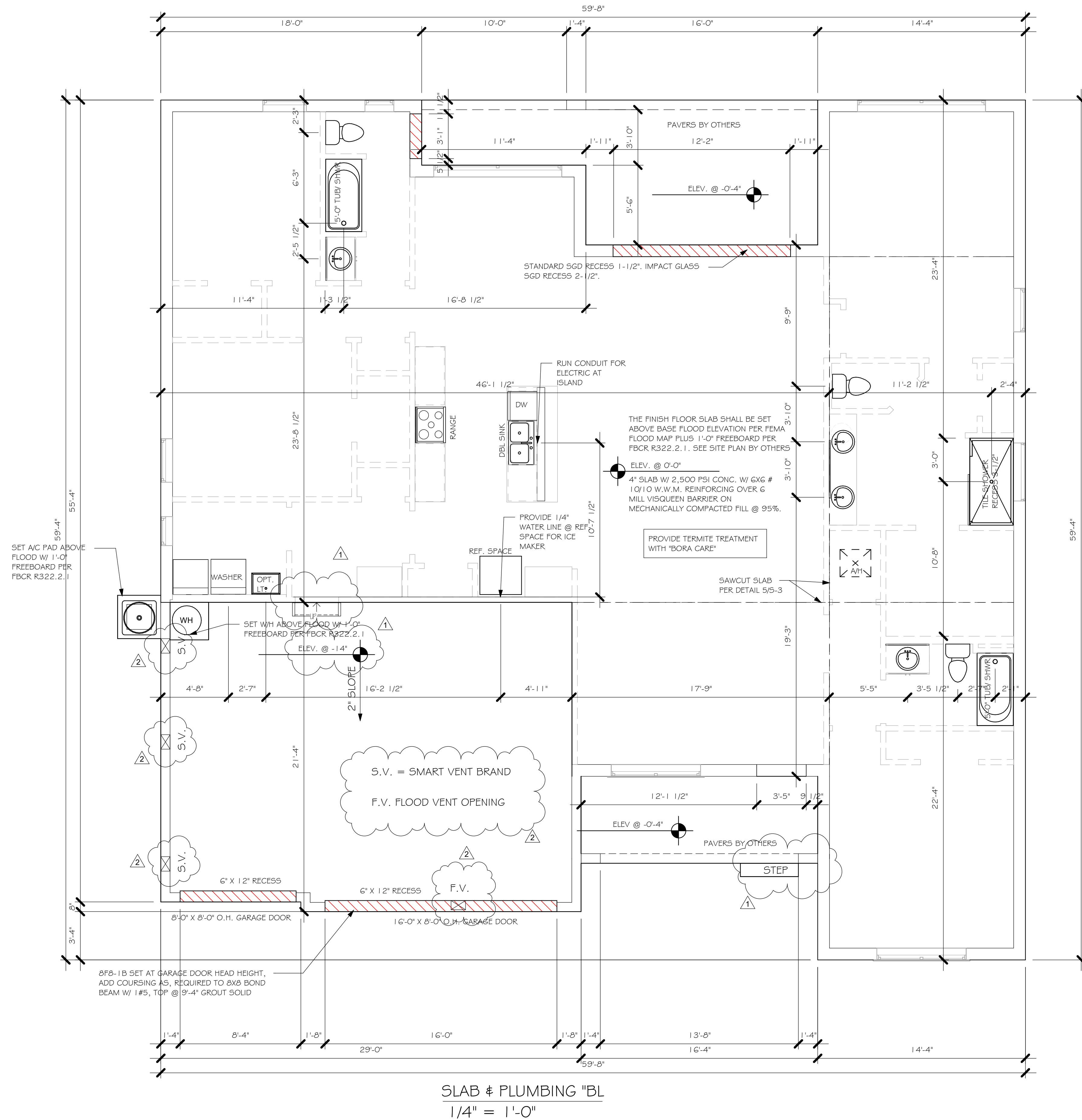
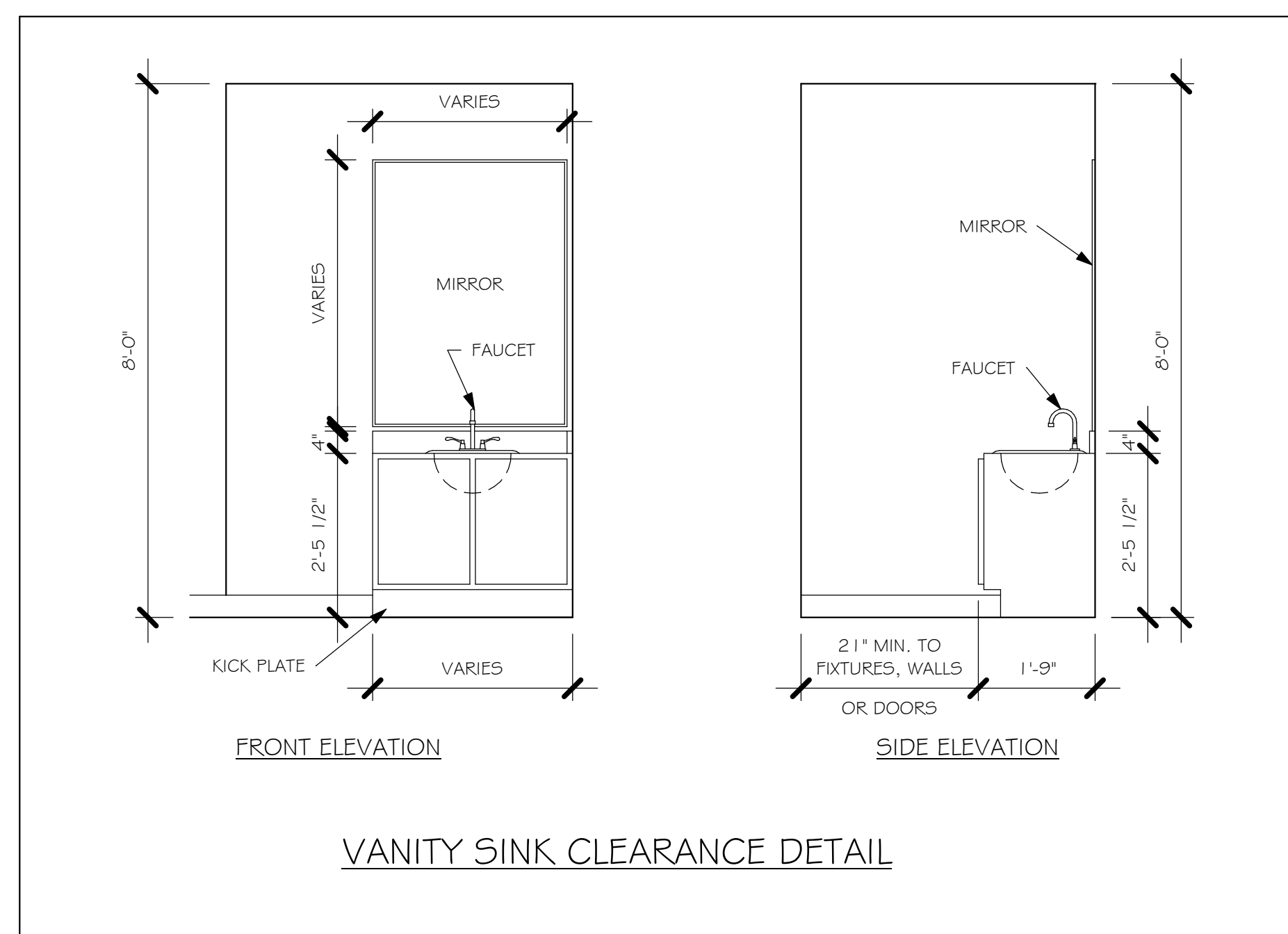
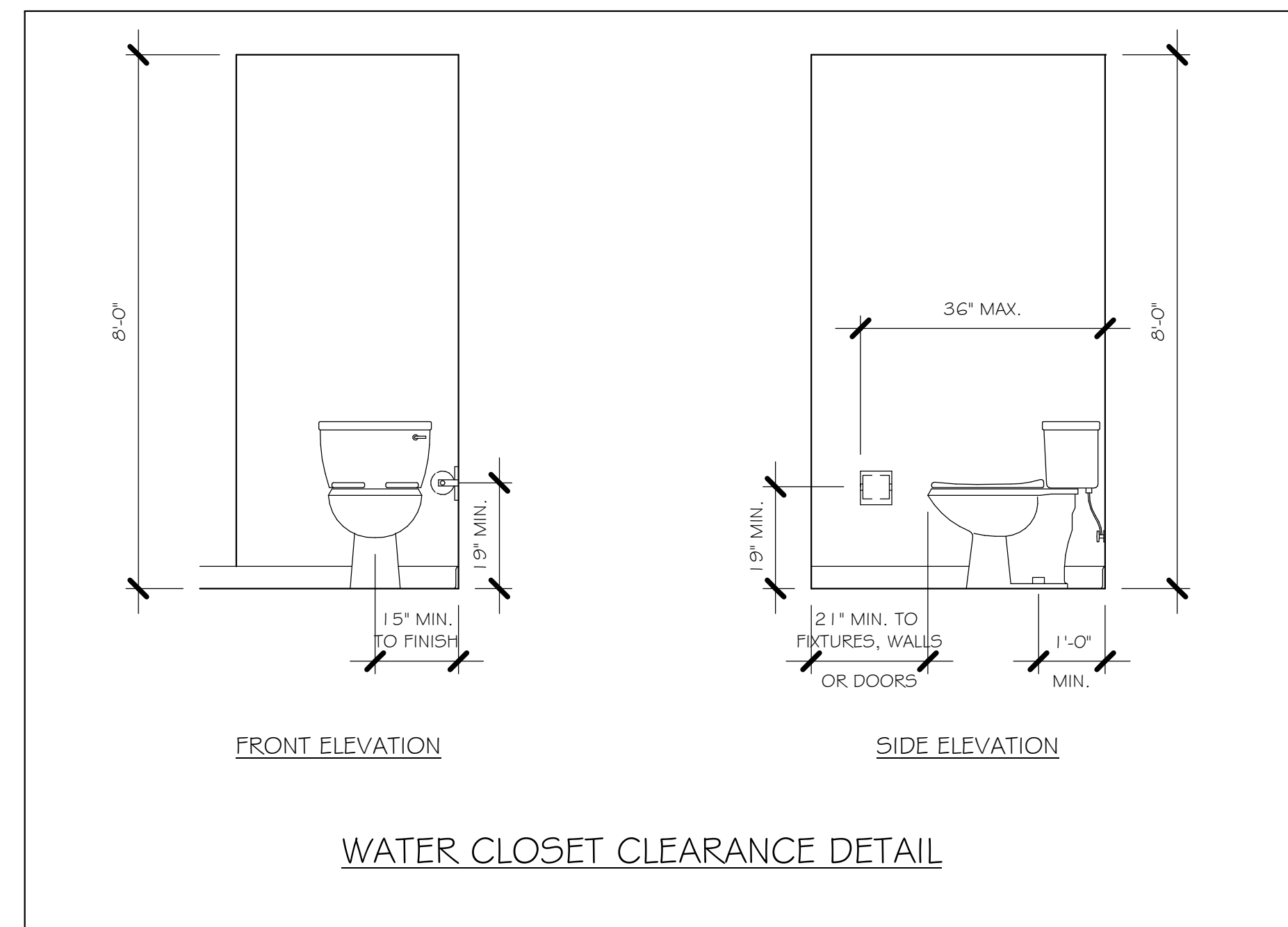
(1) PLY FLR. TRUSS



(1) PLY FLR. TRUSS

- NOTES:
- 1) ALL DIMENSIONS ARE FEET-INCHES-SIXTEENTHS.
 - 2) DO NOT CUT OR ALTER TRUSSES IN ANY WAY.
 - 3) ALL REACTIONS ARE UNDER 5000 LBS. UNLESS NOTE OTHERWISE.
 - 4) ALL UPLIFTS ARE UNDER 1000 LBS. UNLESS NOTED OTHERWISE.
 - 5) FRAMING REQUIRED BELOW TRUSSES TO GET DESIRED CEILING CONDITIONS.
 - 6) ONLY TRUSS TO TRUSS CONNECTIONS SUPPLIED W/ TRUSS PACKAGE.





No.	Description	Date
1	REVISED FROM MONOLITHIC FOUNDATION TO STEMWALL FOUNDATION	03/06/20
2	SPECIFY FLOOD VENT TYPES & CHANGE FOOTING, REVISE LINTEL AND HANGERS	04/23/20

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL
FLORIDA BUILDING CODE 2017 - 6TH EDITION

L:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\BURNT STORE\11275 LOT 6 BLK 366 2414 BLUREVIT\11275 2414 BL.rvt

DOOR SCHEDULE						
TYPE MARK	DESCRIPTION	MANUFACTURER	COMMENTS	WIDTH	HEIGHT	QTY
1	3080 ENTRY	DISTINCTION		3'-0"	8'-0"	1
2	16080 OHGD	GARAGE DOOR		16'-0"	8'-0"	1
3	8080 OHGD	GARAGE DOOR		8'-0"	8'-0"	1
4	(3)-4080 SL. GL. DR.			12'-0"	8'-0"	1
5	2880 ENTRY	DISTINCTION		2'-8"	8'-0"	1

WINDOW SCHEDULE						
MARK	DESCRIPTION	MANUFACTURER	WIDTH	HEIGHT	COMMENTS	QTY
A	2-35 SH		9'-0"	5'-3"		2
B	48" X 16"	FIXED GLASS	4'-2"	3'-4"		1
C	1/2 33 SH		2'-2"	3'-2"		2
D	25 SH		3'-2"	5'-3"		3
E	2-25 SH		6'-4"	5'-3"		1
F	2-26 SH		6'-4"	6'-4"		1

		BATHROOM NOTES	
TB	TOWEL BAR	ALL TUB DECKS @ 21" A.F.F.	
TP	TOILET PAPER	ALL BLOCKING TO BE PT IN SHOWERS	

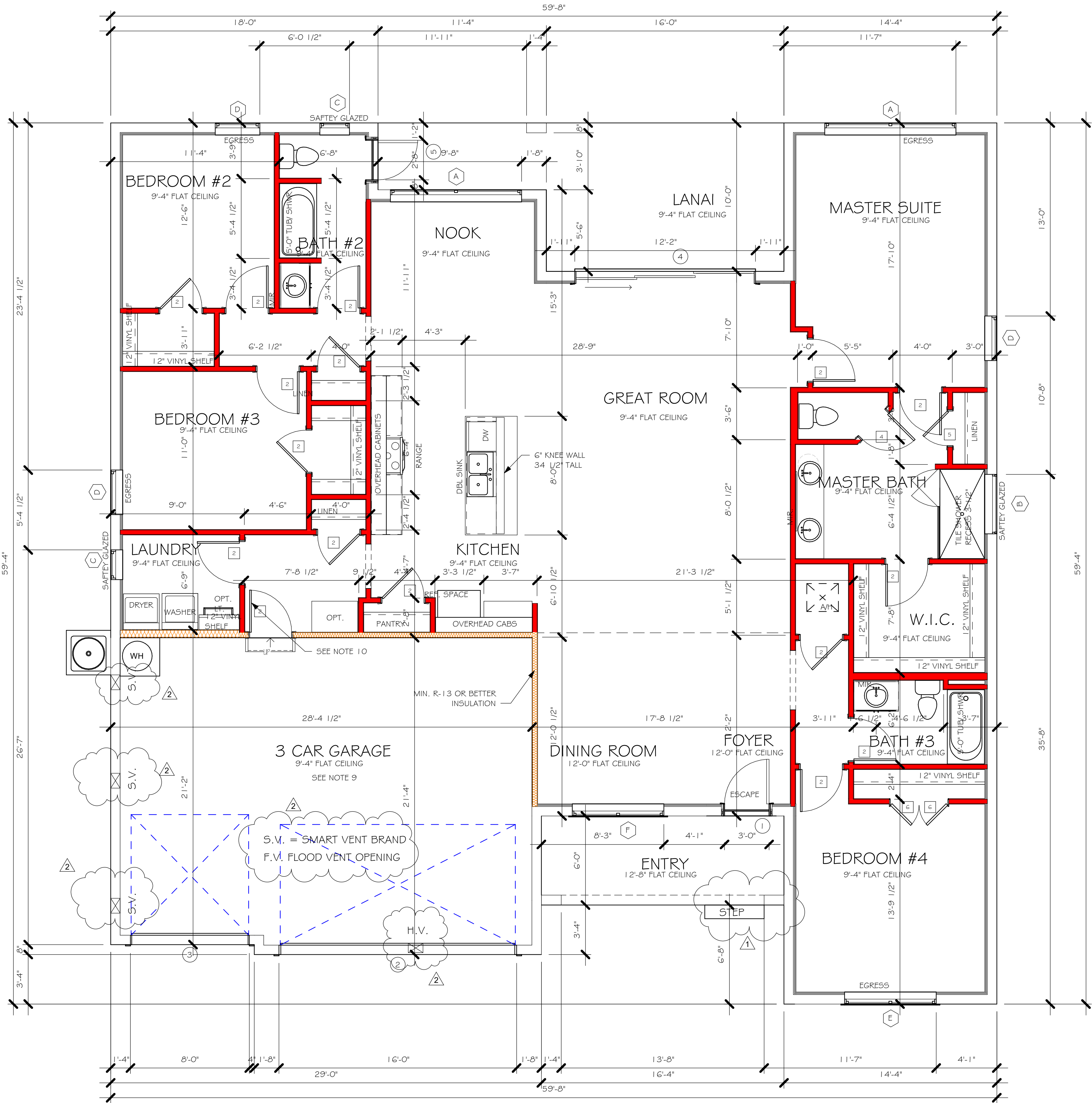
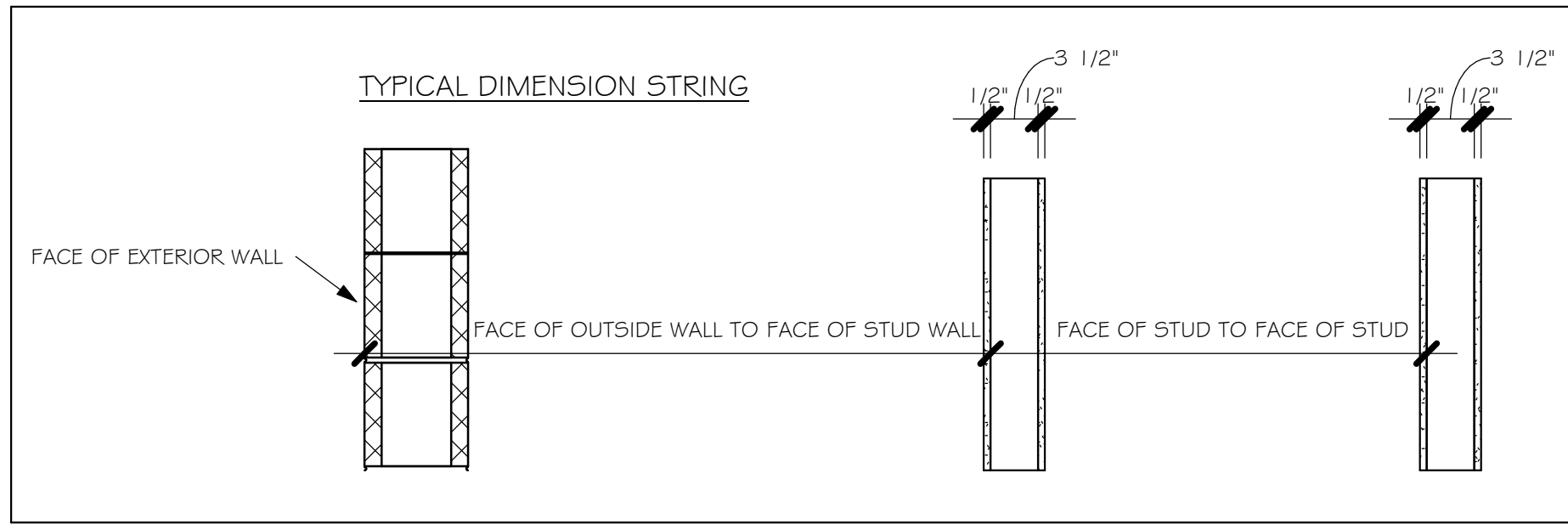
DOOR HEADERS		
6'-8" BI-FOLD	HEADER HEIGHT	82" A.F.F.
6'-8" SWING	HEADER HEIGHT	82 1/2" A.F.F.
8'-0" SWING	HEADER HEIGHT	98 1/2" A.F.F.

PLAN NOTES	
1)	VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
2)	PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R.308.3.1.
3)	PROVIDE SAFETY GLAZING AT BATH/ SHOWER PER FLORIDA BUILDING CODE R.308.3.1.
4)	NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING SHALL NOT EXCEED 24" O.C. (NON BEARING WALLS ONLY)
5)	PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE
6)	KITCHEN KNEE WALL TO BE FRAMED W/ TOP @ 34 1/2" A.F.F.
7)	INSTALL SMOOTH WALLS IN KITCHEN AND ALL BATHROOM AREAS
8)	WHERE DRYWALL CEILING IS APPLIED TO TRUSSES @ 24" O.C. USE 5/8" DRYWALL OR 1/2" SAG RESISTANT PER SEC. 702.3.5
9)	THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE & ATTIC BY NOT LESS THEN 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED WITH NOT LESS THAN 5/8" TYPE "X" GYPSUM BOARD OR EQUIVALENT. WHERE THE SEPARATION IS A FLOOR - CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2" GYPSOM BOARD OR EQUIVALENT
10)	INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.1.5.
11)	ALL WINDOWS INSTALLED 72" ABOVE GRADE MUST COMPLY WITH R612.2 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PRVENTION DEVICE
12)	ALL CLOSET SHELVES TO BE 12". ALL PANTRY & LINEN TO BE (4)-16" SHELVES 18" O.F.F. W/ 15" INCREMENT.
13)	ALL MECHANICAL AND ELECTRICAL EQUIPMENT TO BE INSTALLED AT OR ABOVE FLOOD PLUS 1'-0" FREEBOARD.

CABINET BACKING		
KITCHEN	UPPER TOP @ 84"	BASE TOP @ 35"
MASTER BATH	UPPER	BASE TOP @ 35"
GUEST BATH	UPPER	BASE TOP @ 31"
LAUNDRY ROOM	UPPER TOP @ 84"	BASE

INTERIOR DOOR SCHEDULE		
MARK	DOOR WIDTH	NOTES
1	3'-0"	P.K. = POCKET DOOR
2	2'-10"	B.F. = BI-FOLD DOOR
3	2'-8"	
4	2'-6"	B.P. = BI-PASS DOOR
5	2'-4"	
6	2'-0"	L.V. = LOUVERED DOOR
7	1'-8"	
8	1'-6"	

SQUARE FOOTAGE	
LIVING AREA	2416 SF
GARAGE AREA	604 SF
LANAI AREA	211 SF
ENTRY AREA	98 SF
TOTAL SQUARE FOOTAGE	3328 SF



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

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2	SPECIFY FLOOD VENT TYPES & CHANGE FOOTING, REVISE LINTEL AND HANGERS	04/23/20

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL FLORIDA BUILDING CODE 2017 - 6TH EDITION

D-R HORTON
NYSE
America's Builder

Gulf Coast
Drafting & Design, Inc.

LOT: 6 BLOCK: 386
SUBDIVISION: BURNT STORE MEADOWS
ADDRESS: 7435 SOUTH SEAGRAPE ROAD
D.R.H. #: 578380032

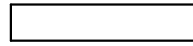
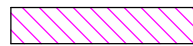


MODEL
2414
GCD JOB # 11275

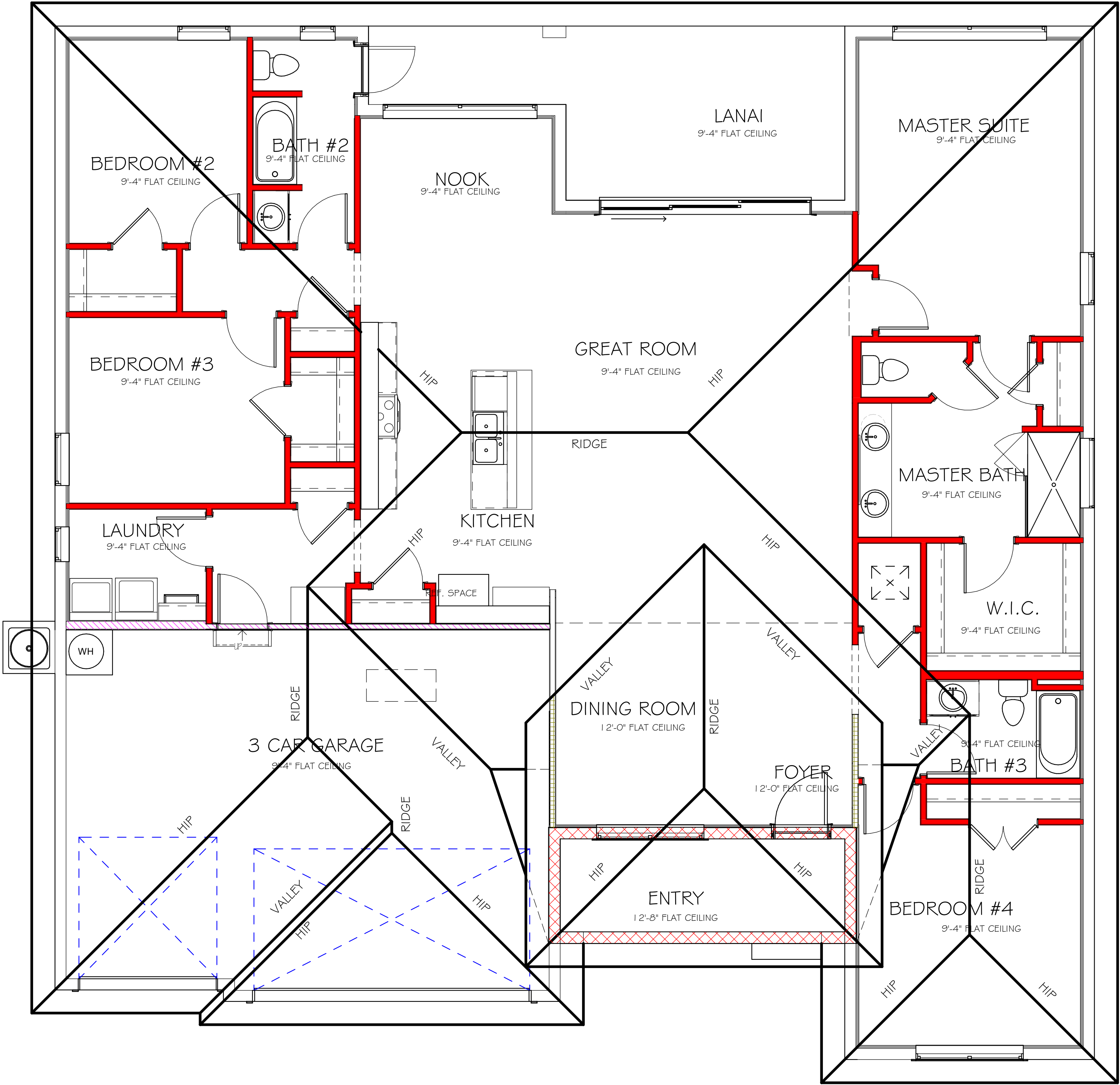
DATE: 11/08/19
DRAWN BY: JSL
CHECKED BY: JWC
REVISED: 04/23/20
PLAN: FLOOR
SCALE: As indicated

A-3 BL

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MODEL 2414 B: ATTIC VENTILATION FBCR R806									
COORDINATE VENTING REQUIREMENTS WITH ENERGY CALCULATIONS									
AREAS (SQ. FT.)			SOFFIT ONLY (1/150) (NO ROOF VENTS)			WITH ROOF VENTS (1/300) (R.V.)			
			ATTIC VENTILATION REQUIRED			ATTIC VENTILATION REQUIRED			
MARK	ATTIC	SOFFIT	ATTIC AREA/150	REQD AIR FLOW OF SOFFIT	QUAD 4 SOFFIT	ATTIC AREA/300	QUANTITY OF ROOF VENTS	MIN AIR FLOW OF SOFFIT	
1st STORY	3282.2 SQ. FT.	333.3 SQ. FT.	22.19 SQ. FT.	6.66%	8.15%	11.11 SQ. FT.	1	1.11%	
			"SOFFIT ONLY" QUALIFIES			ROOF VENTS ARE NOT REQUIRED			
			SOFFIT MODEL			ROOF VENT MODEL			
			ACM QUAD 4, FULL VENT, NARROW PATTERN, 8.15% FREE AIR FLOW			32" BASE LOMANCO 770-D 0.97 SQ. FT. FREE AIR			


BEARING HEIGHT	
	= BEARING @ 9'-4"
	= INTERIOR BEARING @ 9'-4"
	= BEARING @ 12'-8"
	= INTERIOR BEARING @ 12'-8"



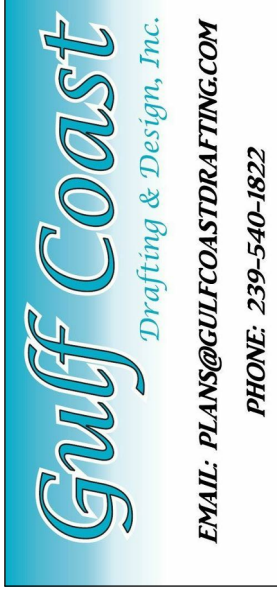
ROOF PLAN "BL"
1/4" = 1'-0"

No.	Description	Date

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FLORIDA BUILDING CODE 2017 - 6TH EDITION



D.R. HORTON
America's Builder



Gulf Coast
Drafting & Design, Inc.
EMAIL: PLANS@GULFCOASTDRAFTING.COM
PHONE: 239-540-8222
1515 SE 47th ST. CAPE CORAL, FL 33904

LOT: 6 BLOCK: 386

SUBDIVISION: BURNIT STORE MEADOWS

ADDRESS: 7435 SOUTH SEAGRAPE ROAD

D.R.H. #: 578380032

MODEL
2414

GCD JOB # 11275

DATE: 11/08/19

DRAWN BY: JSL

CHECKED BY: JWC

REVISED:

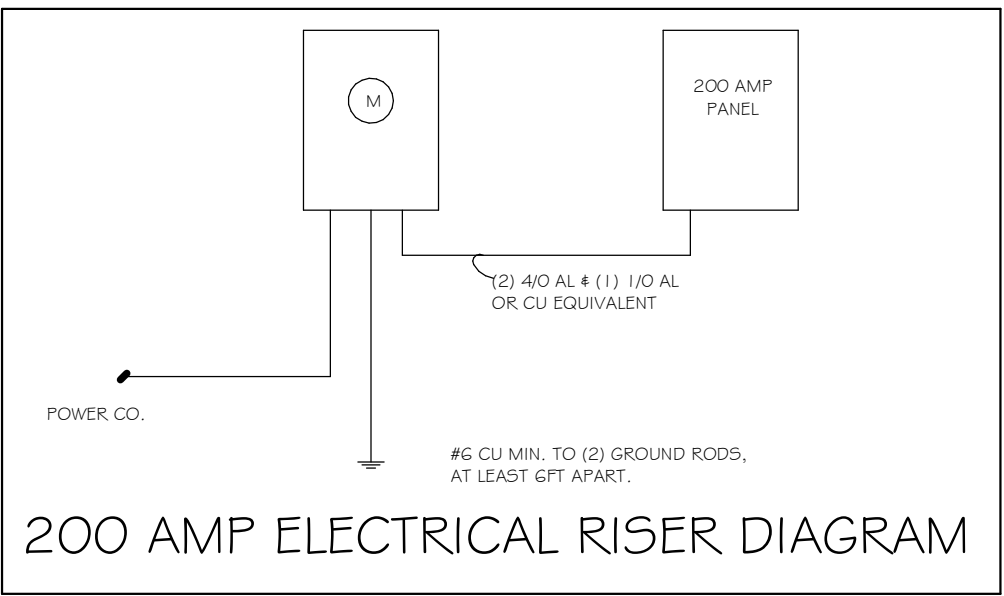
PLAN: ROOF

SCALE: As indicated

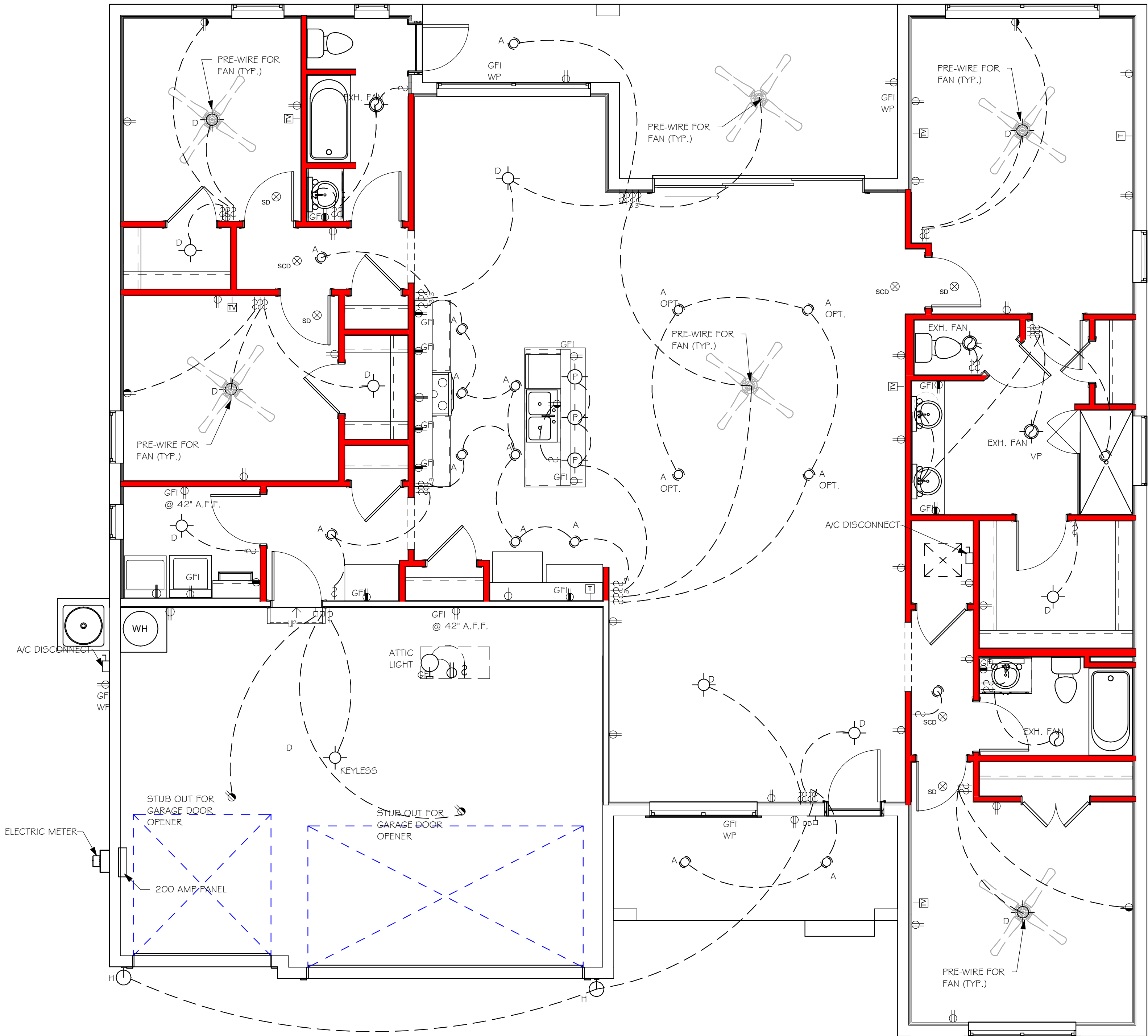
A-4 BL

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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 AT ELEV. A.F.F.
	DUPLEX RECEPTACLE - ABOVE COUNTER
	SINGLE POLE SWITCH
	3 WAY SWITCH
	DIMMER SWITCH
	MOTION SENSOR SWITCH
	AC/DC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A FOSSIL-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 PERPOSES. PER RULE 9B-3.04.72
	SD (SMOKE DETECTOR)
	SCD (CARBON MONOXIDE/ SMOKE DETECTOR)
	TELEPHONE OUTLET
	TELEVISION RECEPTION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	FLUSH MOUNTED LIGHT
	WALL MTD. BRACKET LIGHT
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	A/C DISCONNECT
	PUSH BUTTON (PB) / DOOR BELL (DB)
	INTERCOM
	KEYPAD
	4' FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT
NOTE: NOT ALL SYMBOLS ARE USED FOR THIS PROJECT.	
ELECTRICAL NOTES:	
ARC-FAULT CIRCUIT-INTERRUPTERS AND TAMPER RESISTANT RECEPTACLES SHALL BE INSTALLED IN DWELLING UNITS PER N.E.C 210.12 AND 406.11	
ALL ELECTRIC, ELECTRICAL EQUIPMENT AND APPLIANCES TO BE SET AT OR ABOVE BASE FLOOR ELEVATIONS PLUS 1'-0" FREEBOARD.	
ALL OUTLETS IN WET AREAS AND ALL EXTERIOR OUTLETS TO BE GFI'S.	
INSTALL PHONE AND T.V PER CONTRACT.	
INSTALL ALL ELECTRICAL PER NEC 2014	



200 AMP SERVICE		
TAG	QUANTITY	PRODUCT
A	(17)	(FLUSH MOUNTED LT)
B	(3)	(VAPORS)
C	(3)	(PENDANT LIGHT
D	(15)	(10" MUSHROOMS)
E	(4)	(24" 3 LT)
F	(X)	(36" 4 LT)
G	(X)	(NOT USED)
H	(2)	(COACH LIGHTS)
I	(X)	(COACH LIGHTS)
J	(1)	(J BOX)
K	(X)	(4' FLUORESCENT)
L	(X)	(2' FLUORESCENT)
M	(X)	(SLT CHANDELER)
N	(X)	(3 LT)
O	(X)	(PENDANT/ NOOK)
P	(X)	(X)
Q	(X)	(X)



ELECTRICAL PLAN "BL"
1/4" = 1'-0"

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D-R HORTON
America's Builder

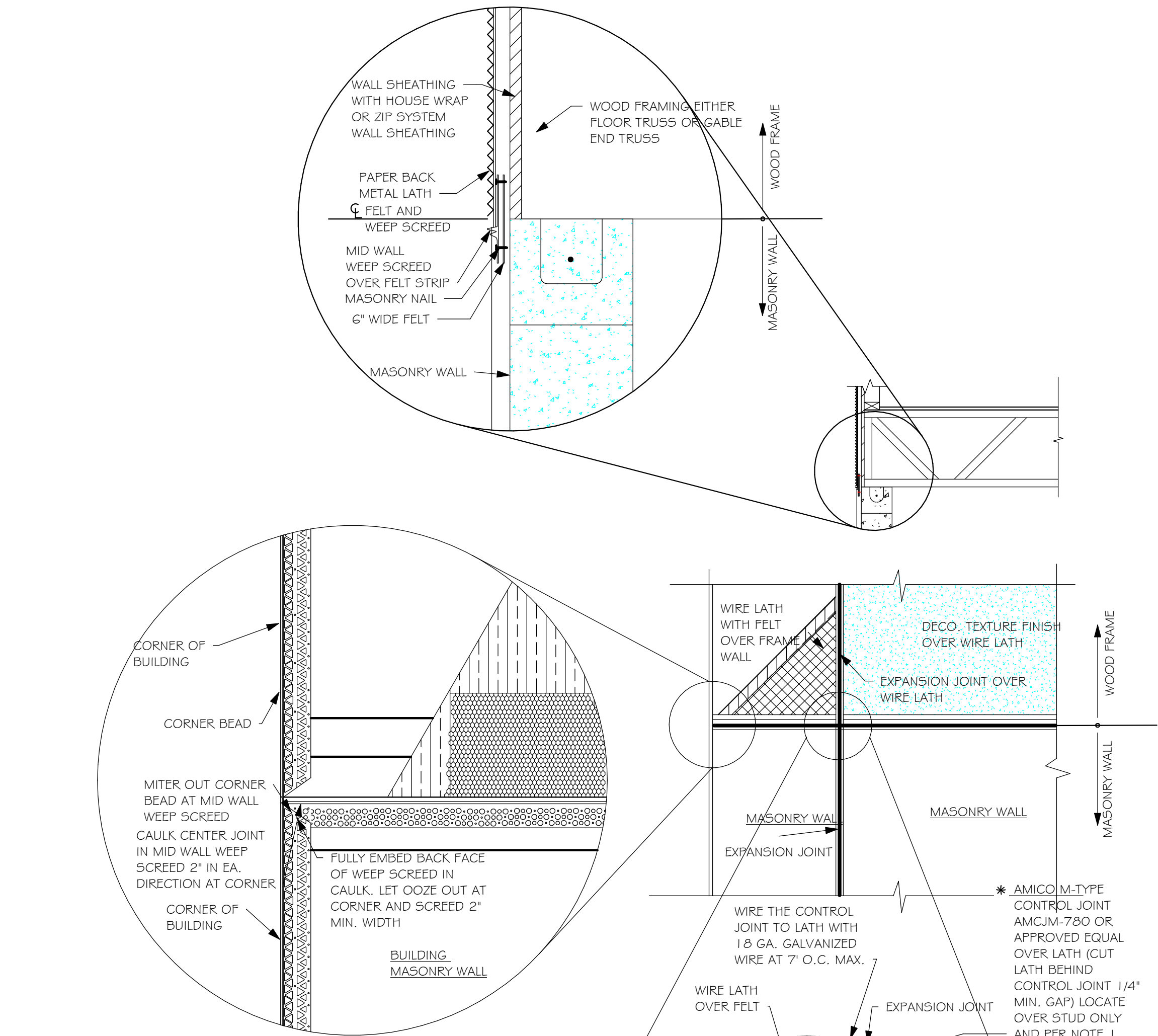
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MODEL
2414
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DATE: 11/08/19
DRAWN BY: JSL
CHECKED BY: JWC
REVISED:
PLAN: ELECTRICAL
SCALE: As indicated
A-5 BL

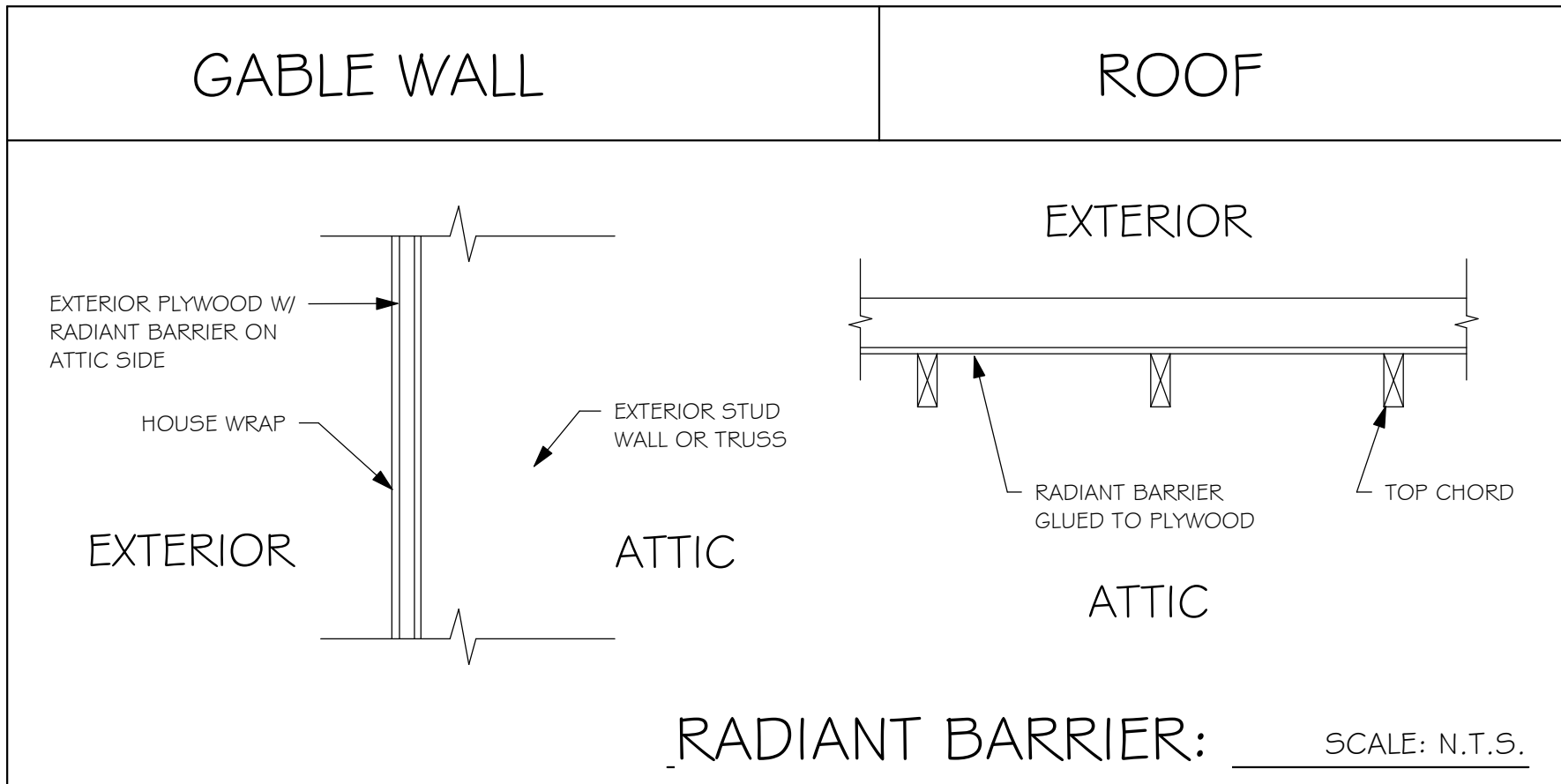
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MID WALL WEEP SCREED DETAIL

WEEP SCREED DETAIL

INSTALL AT ALL EXTERIOR WALL LOCATIONS WHERE WOOD STUD FRAMING IS ABOVE MASONRY WALLS.



NOTE: EXTERIOR WALLS ADJACENT TO ATTIC SPACE, INCLUDING KNEEWALLS AND GABLE END WALLS, MUST HAVE RADIANT BARRIER AND HOUSE WRAP.

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. ALL BOLTS, NUTS, WASHERS, STRAPS AND FASTENERS INCLUDING NAILS, SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL CONTINUOUS ANCHORAGE SHALL BE PROVIDED BETWEEN ALL TRUSSES, WALL SECTIONS, BEAMS, POSTS AND FOOTINGS WITH USE OF STRAPS AND CONNECTORS AS SPECIFIED HEREIN.
- TREATED WOOD REQUIREMENTS:- ALL TREATED 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, GUYS, 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 1X4 STRIPPING @ 16" O.C. FASTENED WITH 2-8d NAILS TO EACH TRUSS. 5/8" EXTERIOR GYP. BOARD CEILING FASTENED WITH 8d NAILS OR 1-5/8" DRYWALL SCREWS @ 6" O.C. EDGE AND FIELD.

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 "T" CLIPS AT UNSUPPORTED PANEL EDGES. THE ROOF SHEATHING SHALL BE NAILED WITH 8d RING SHANK NAILS @ 4" O.C. EDGE AND 6" O.C. FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSSES WITHOUT SPLITTING. RING SHANK NAILS PER R803.2.3.1 - 0.113" NOMINAL SHANK DIAMETER, RING DIAMETER OF 0.012" OVER SHANK DIAMETER, 16 TO 20 RINGS PER INCH, 0.280" DIAMETER FULL ROUND HEAD, 2" NAIL LENGTH.

FLASHING

FLASHING SHALL BE ALUMINUM, ALUMINUM ZINC COATED STEEL 0.0179" THICK, 26 GAUGE AZ50 ALUM ZINC, OR GALVANIZED STEEL 0.0179" THICK, 26 GAUGE ZINC COATED G90. FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH THE ZIP SYSTEM ROOF SHEATHING MANUFACTURERS PUBLISHED REQUIREMENTS. ALL FLASHING AND INSTALLATION SHALL CONFORM TO SECTION R905.2.8 (1 TO 5).

DRIP EDGE

DRIP EDGE SHALL BE PROVIDED AT ALL EAVES AND GABLES OF SHINGLES 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.

The 'PAN FLASHING' diagram shows a cross-section of a window or door opening. It details the installation of pan flashing, including the use of a flexible peel and stick flashing membrane and fluid applied flashing. The diagram also shows the installation of 'PAN' flashing at the window sill.

WHERE 'PAN' FLASHING IS USED AT THE SILL, ALSO INCORPORATE FLASHING OR PROTECTION AT THE HEAD AND SIDES

INSTALL 'PAN' FLASHING AT THE WINDOW SILL

THE FLASHING INSTRUCTIONS FROM THE WINDOW/ DOOR MFR., OR THE FLASHING MFR., SHALL SUPERCEDE THIS DETAIL

PAN FLASHING PER R703.4
SCALE: N.T.S.

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 D 3462, 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 MANUFACTURERS 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 WITH GALVANIZED STEEL, STAINLESS STEEL OR ALUMINUM WITH A MINIMUM SHANK SIZE OF 12 GAUGE (0.105") WITH A MINIMUM 3/8" DIAMETER HEAD SHANK AND SHALL BE A LENGTH TO PENETRATE THE SHEATHING

THE NAIL COMPONENT OF PLASTIC CAP NAILS SHALL MEET OR EXCEED THE REQUIREMENTS OF ASTM A 641, CLASS 1, OR EQUAL, AND SHALL BE CORROSION RESISTANT BY ELECTRO GALVANIZATION, MECHANICAL GALVANIZATION, HOT DIPPED GALVANIZATION OR SHALL BE MADE OF STAINLESS STEEL, NON-FERROUS METAL

CLAY AND CONCRETE ROOF TILE 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 R905.3 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 INCLUDED 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 STURDI-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES SPAN RATING 48/24 OR BETTER, GLUED AND NAILED

The 'Roof Assembly' diagram shows a cross-section of a roof. It details the installation of various components, including wood trusses, roof sheathing, asphalt shingles, and concrete roof tiles. It also shows the installation of a precast concrete sill, expansion joint, and various fasteners and clips.

WOOD TRUSSES @ 24" O.C. (TYPICAL) DESIGNED BY DELEGATED TRUSS ENGINEER.

EMBEDDED STRAP AT EACH TRUSS PER ROOF FRAMING PLAN.

FLASHING AND DRIP EDGE PER NOTES IN TABLE 2 ON A-6

2X6 MIN. SUB FASCIA

PROVIDE VENTILATION PER R206.1

VENTED SOFFIT SHALL MEET R703.1.2.1 SEE TABLE 3 ON 5-3

8"X8" CONTINUOUS BOND BEAM W/ 1 #5, GROUT SOLID

ROOF SHEATHING PER SCHEDULE 2/5-3. AND PER NOTES IN TABLE 2 ON A-6

TILE ROOF PER NOTE 4 ON A-6. OR SHINGLE ROOF PER NOTE 3 ON A-6

R=30 FIBERGLASS BATT INSULATION

1X4 P.T. STRIP

PRECAST LINTEL SEE FRAMING PLAN

WINDOW BUCKS SEE TABLE 2 ON A-6

1X4 P.T. BUCK W. BED OF CONTINUOUS CAULK UNDER

WINDOW, SEE SCHEDULE AND PLAN.

PROVIDE TERMITE TREATMENT WITH "BORA CARE".

SLOPE TO EXTERIOR

PRECAST CONCRETE SILL

DECO. CEMENT FINISH PER ASTM C-926

1/2" DRYWALL W/ TEXTURED WALLS

1X2 P.T. FURRING STRIPS @ 24" O.C. W/ INSULATION (MIN. R4.1)

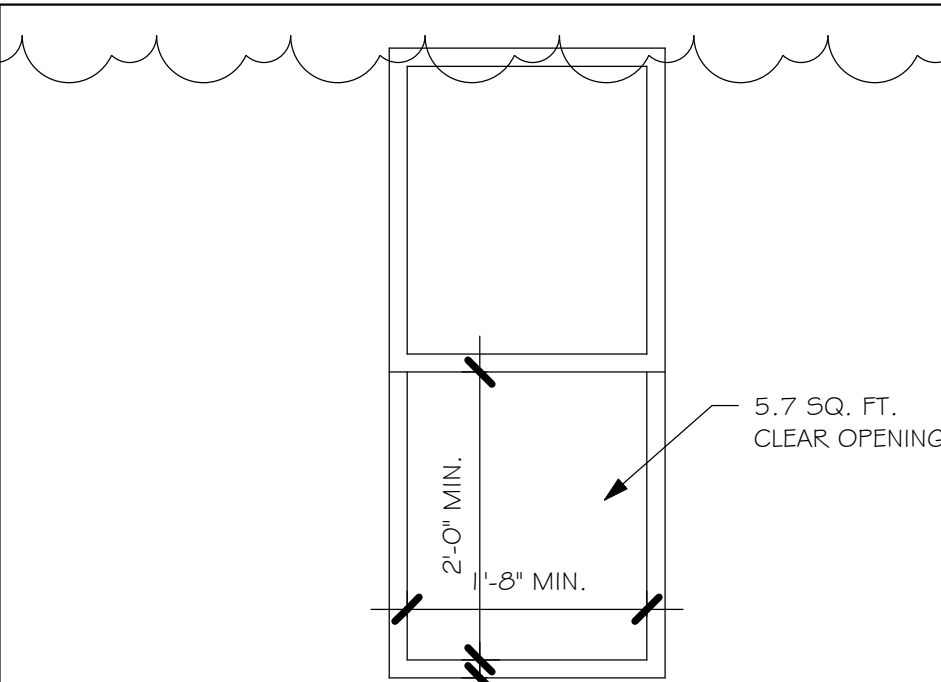
WOOD BASE

UP TO 3 COURSE STEMWALL, SEE STRUCTURAL

GRADE

4" CONC. SLAB ON 6 MIL. VISQUEEN VAPOR BARRIER ON MECHANICALLY COMPACTED FILL @ 95%.

CONCRETE FOOTING SEE FOUNDATION PLAN FOR SIZE AND REINFORCING.



R310.2.1 MINIMUM OPENING AREA: ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET (0.530 m²).

EXCEPTION: GRADE FLOOR OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5 SQUARE FEET (0.465 m²).

R310.2.1 MINIMUM OPENING HEIGHT: THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES (610mm).

R310.2.1 MINIMUM OPENING WIDTH: THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES (508mm).

R310.1.1 OPERATIONAL CONSTRAINTS: EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS OR TOOLS.

R310.2.3 WINDOW WELLS: THE MINIMUM HORIZONTAL AREA OF THE WINDOW WELL SHALL BE 9 SQUARE FEET (0.84 m²), WITH A MINIMUM HORIZONTAL PROJECTION AND WIDTH OF 36 INCHES (914mm). THE AREA OF THE WINDOW WELL SHALL ALLOW THE EMERGENCY ESCAPE AND RESCUE OPENING TO BE FULLY OPENED.

MINIMUM EGRESS WINDOW DETAIL

No.	Description	Date
1	REVISED FROM MONOLITHIC FOUNDATION TO STEMWALL FOUNDATION	03/06/20

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL FLORIDA BUILDING CODE 2017 - 6TH EDITION

L:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DK HORTON 2019\SUBDIVISIONS\BURNIT STORE\11275 LOT 6 BLK 386 2414 BLUREVIT\11275 2414 BL.rvt

FOUNDATION PLAN

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

PLAN NOTES:

- TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0"
- "F#" DENOTES CONTINUOUS WALL FOOTING TYPE PER SCHEDULE THIS SHEET.
- PROVIDE #5 VERTICAL REINFORCING AT DOT LOCATIONS SHOWN ON PLAN FROM FOOTING TO BOND BEAM.
- ALL DIMENSIONS ARE TO OUTSIDE FACE OF MASONRY WALLS. SOME SLAB EDGES MAY EXTEND BEYOND FACE OF WALL.
- FOR DIMENSIONS OF ROUGH OPENINGS IN MASONRY WALLS, COORDINATE WITH WINDOW/DOOR SUPPLIER.
- PROVIDE PRESSURE TREATED BUCKS AT WINDOWS/ DOORS PER DETAIL 7/S-3.

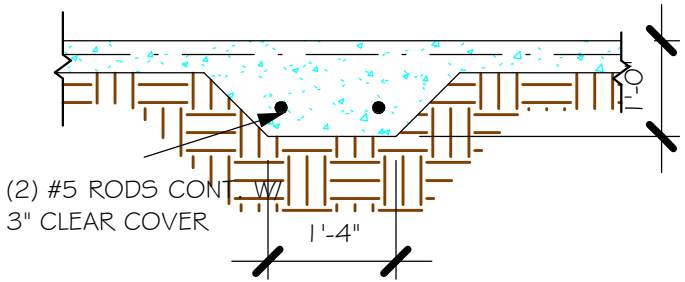
PAD FOOTING SCHEDULE

USED	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	-

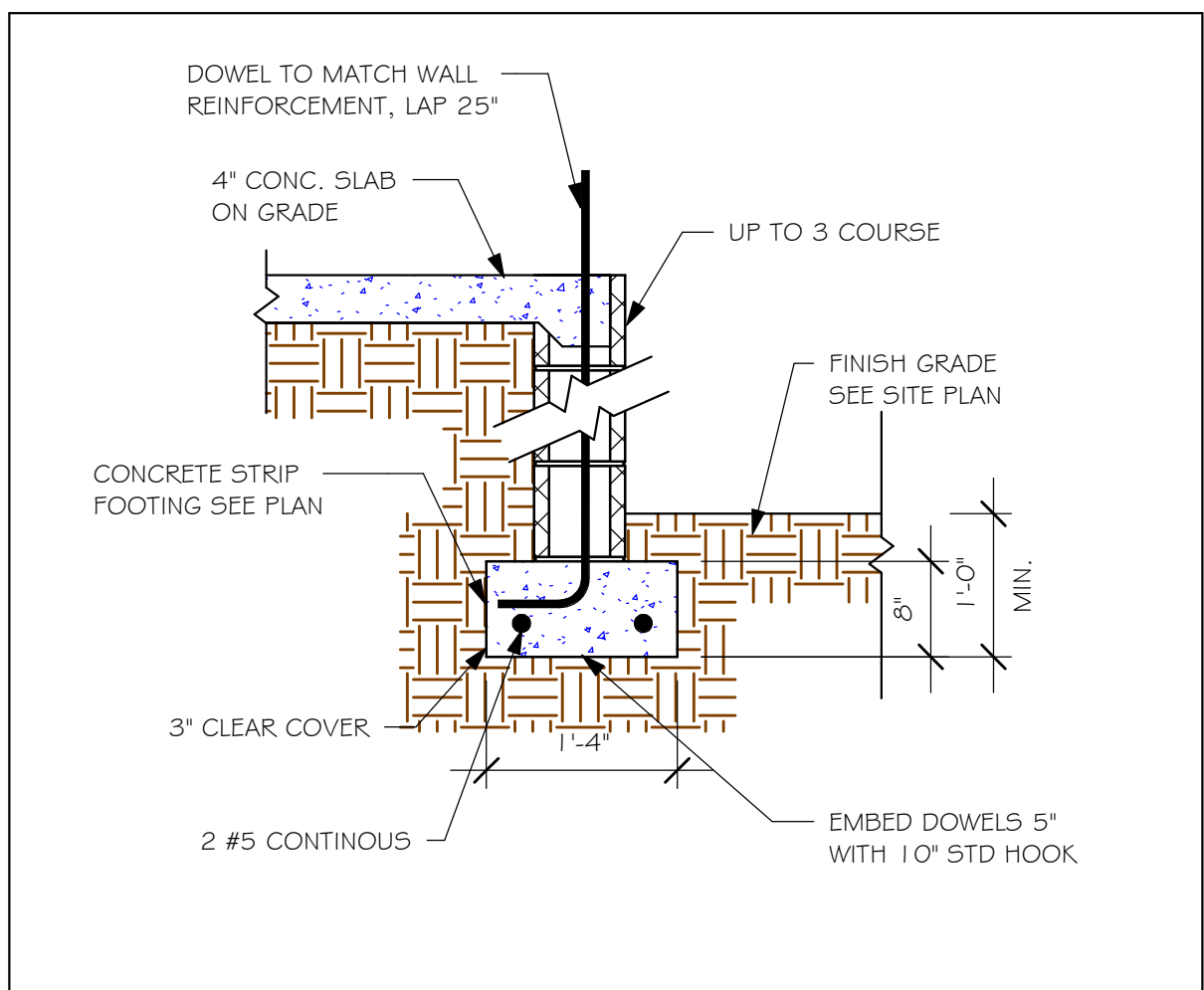
WALL FOOTING SCHEDULE

USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE	REMARKS
✓	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		-
✓	F6A	CONT.	0'-8"	0'-8"	1-#5		-
✓	TE	CONT.	0'-8"	0'-8"	1-#5		-

PROVIDE CORNER BARS IN FOOTING PER 6/S-3

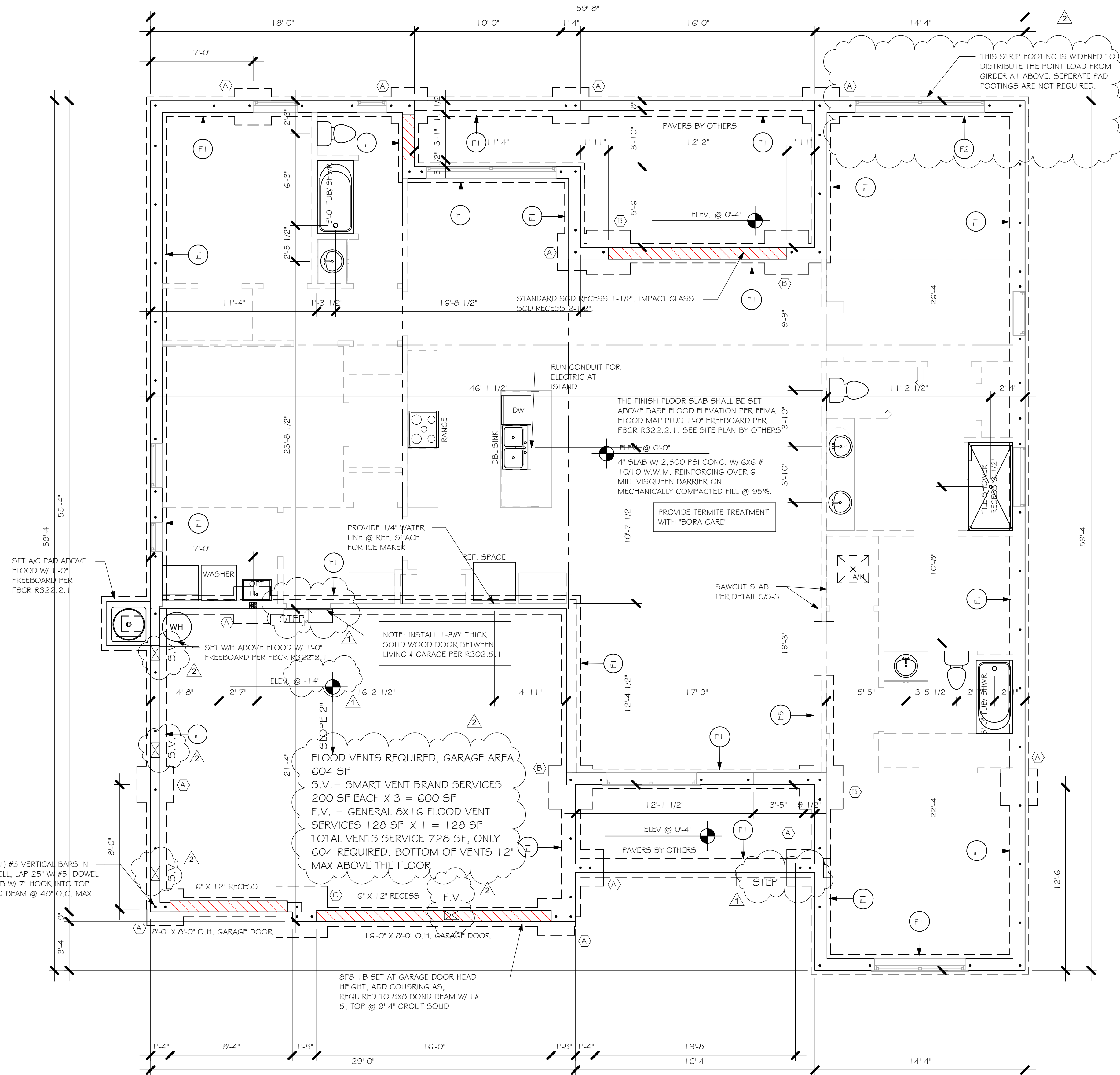


"F5" FOOTING
1/2" = 1'-0"



NOTE: REINFORCING IN FOOTINGS SHALL BE CONTINUOUS AT CORNERS AND INTERSECTIONS. ADD CORNER BAR 25" X 25" AT EACH LONGITUDINAL BAR.

"F1" FOOTING
3/4" = 1'-0"



FOUNDATION PLAN "BL"
1/4" = 1'-0"

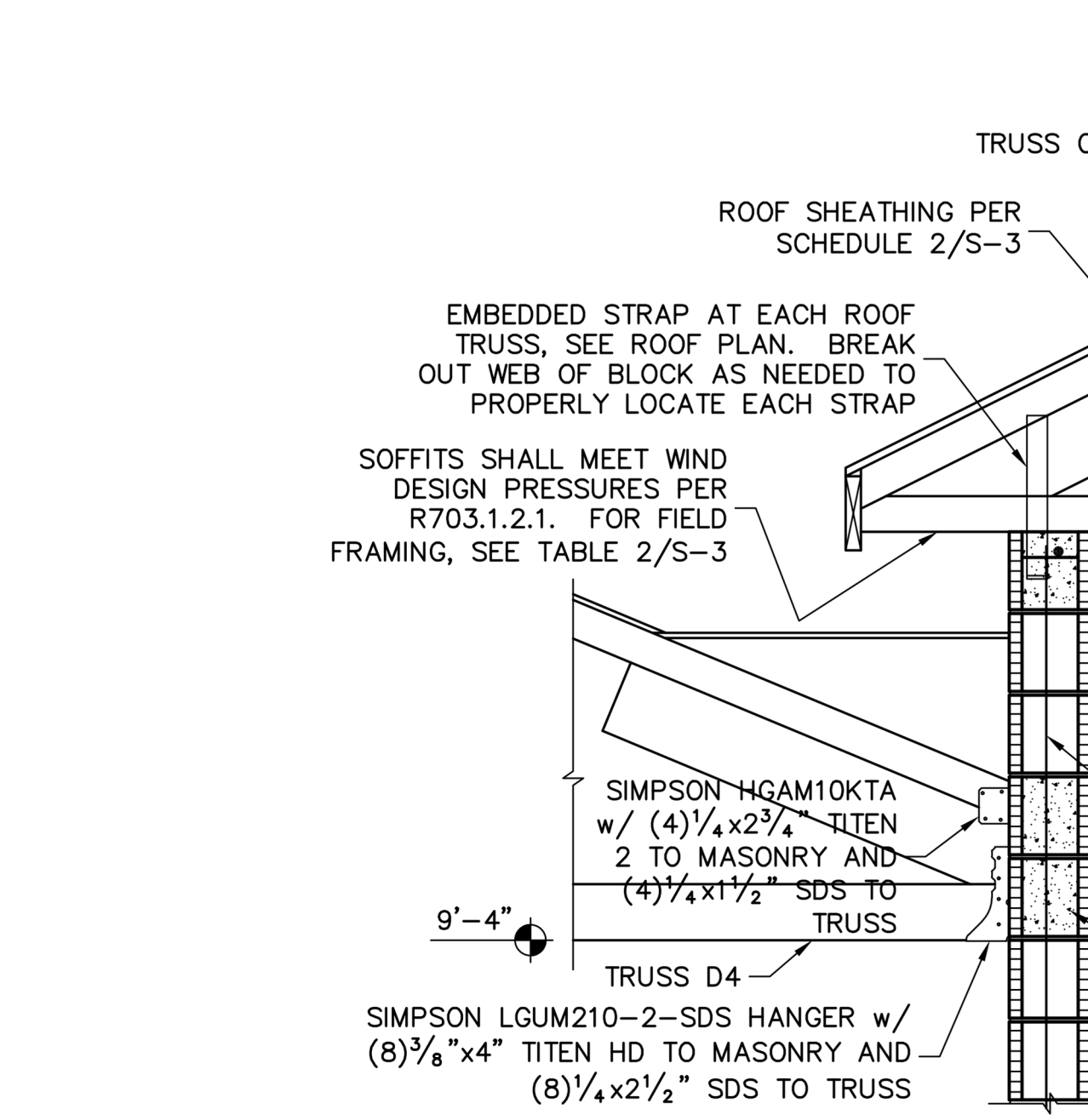
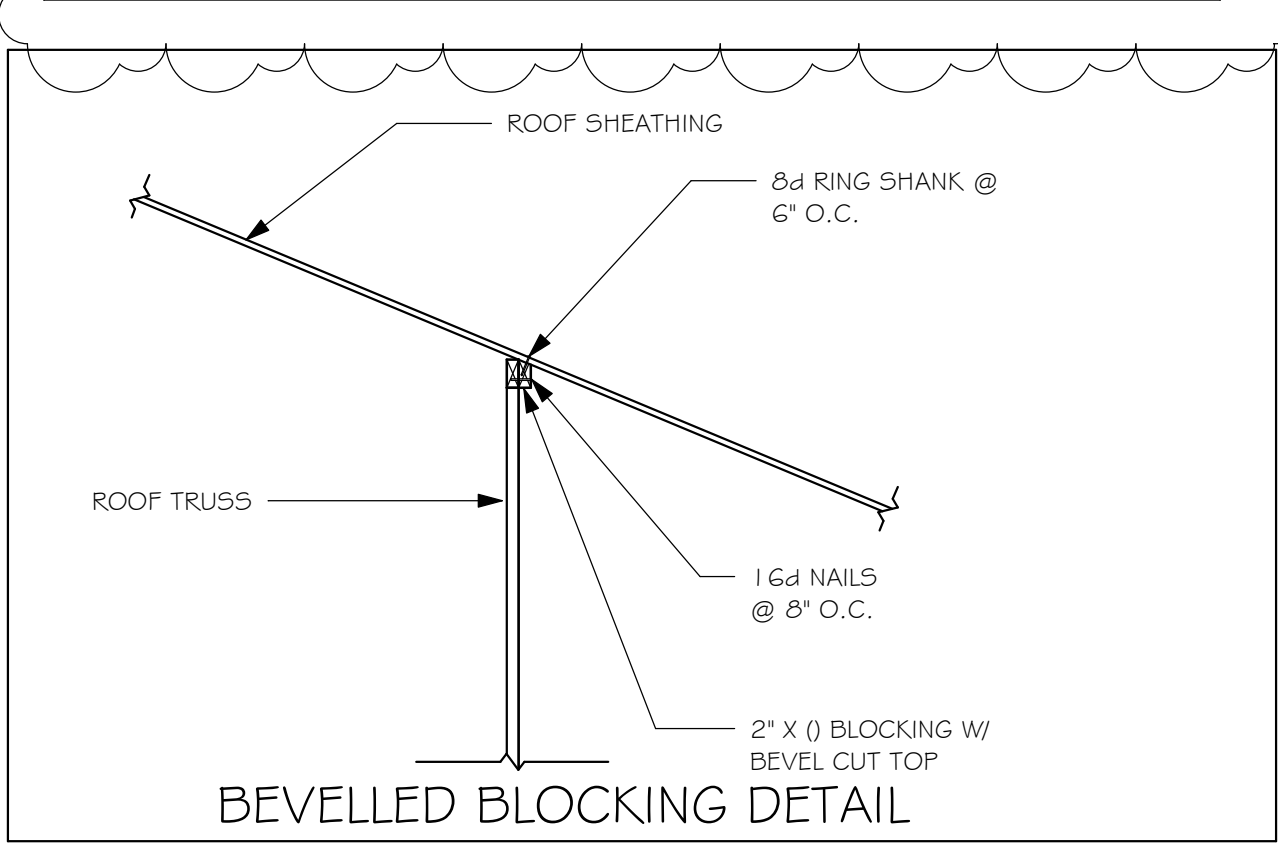
No.	Description	Date
1	REVISED FROM MONOLITHIC FOUNDATION TO STEMWALL FOUNDATION	03/06/20
2	SPECIFY FLOOD VENT TYPES & CHANGE FOOTING, REVISE LINTEL AND HANGERS	04/23/20

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL FLORIDA BUILDING CODE 2017 - 6TH EDITION

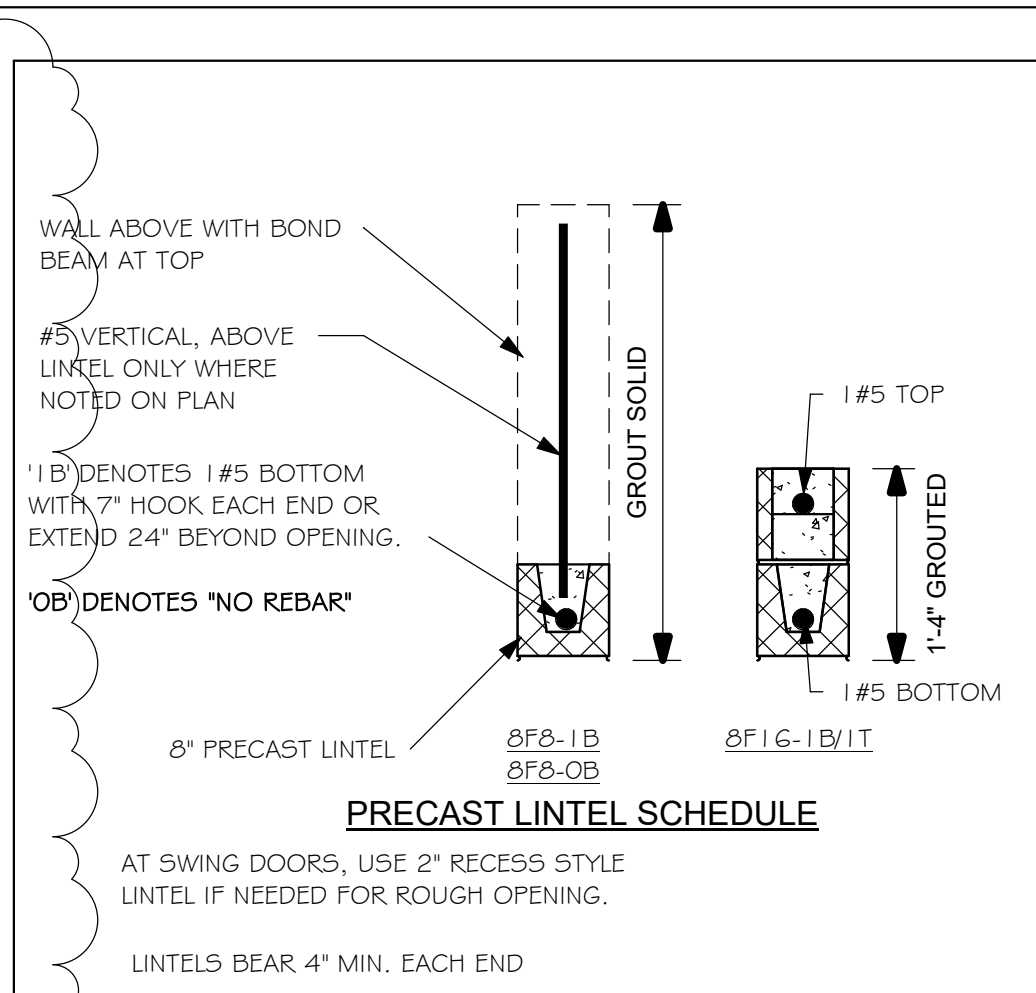
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TRUSS STRAPPING TO MASONRY		
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
1450	(1) META16 TO 40	8-0.148x1 1/2", EMBED 4"
1810	(1) META16 TO 40	9-0.148x1 1/2", EMBED 4"
2120	(1) HHETA16 TO 40	10-0.148x1 1/2", EMBED 4"
1875 (1 PLY)	(2) META16 TO 40	10-0.148x1 1/2", EMBED 4"
1795 (2 PLY)	(2) META16 TO 40	14-0.162x3 1/2", EMBED 4"
2365 (2 PLY)	(2) META16 TO 40	12-0.162x3 1/2", EMBED 4"
2365 (2 PLY)	(2) HHETA12 TO 40	12-0.162x3 1/2", EMBED 4"
3965/SYP 3330/SPF	MGT (2 PLY)	22-0.148x3" ATR, EPOXY 12"
4235/SYP 3640/SPF	HTT4	18-0.162x2 1/2", 3/8" ATR, EPOXY 12"
4670/SYP 4015/SPF	HTT5	26-0.148x3", 3/8" ATR, EPOXY 12"
5445/SYP 5360/SPF	HTTKT	26-5/8" 1/2", 3/8" ATR, EPOXY 18"
10690/SYP 10690/SPF	(1)HGT - 2	16-0.148x3" TO GIRDER, (2)3/4" ATR, EPOXY 12"
10790/SYP 10790/SPF	(1)HGT - 3	16-0.148x3" TO GIRDER, (2)3/4" ATR, EPOXY 12"

TRUSS STRAPPING TO STUDWALL WOOD BEAM		
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
850	(1)MTS16 TO 20	14-1.0dx1 1/2"
1700	(2) MTS16 TO 20	14-1.0dx1 1/2"
2550	(3) MTS16 TO 20	14-1.0dx1 1/2"
1125	(1) HTS20 TO 30	24-1.0dx1 1/2"
2250	(2) HTS20 TO 30	24-1.0dx1 1/2"
3375	(3) HTS20 TO 30	24-1.0dx1 1/2"
4500	(4) HTS20 TO 30	24-1.0dx1 1/2"

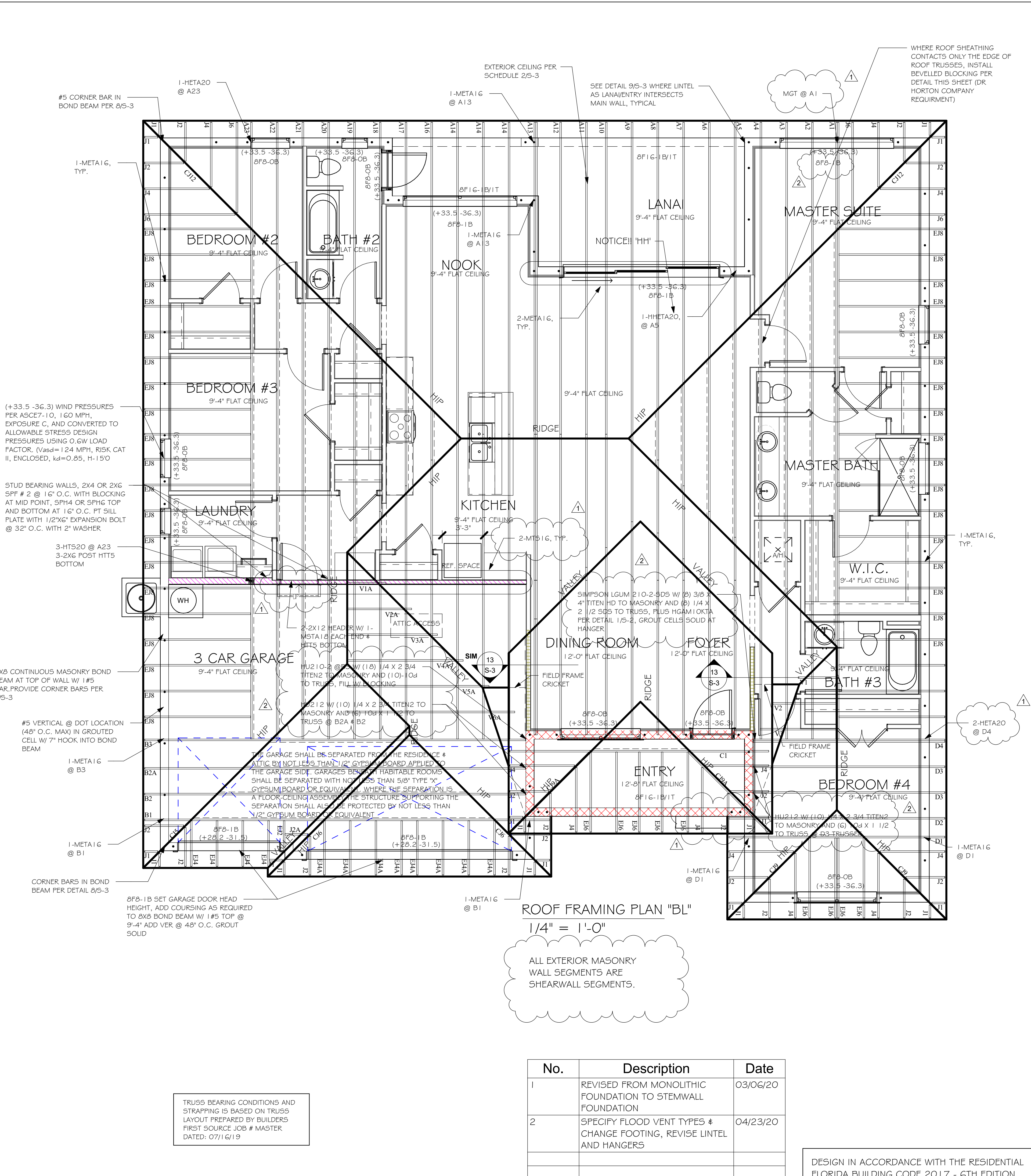


1 STRAPPING AT TRUSS D4
SCALE: 3/4" = 1'-0"



BEARING HEIGHT	
[Pattern]	= BEARING @ 9'-4"
[Pattern]	= INTERIOR BEARING @ 9'-4"
[Pattern]	= BEARING @ 12'-8"
[Pattern]	= INTERIOR BEARING @ 12'-8"

- PLAN NOTES:
- ROOF TRUSS BEARING ELEVATION VARIES, SEE LEGEND.
 - ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET 5-3.
 - PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
 - FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON 5-3.
 - DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET. AT TRUSS BEARING, PROVIDE 8x8 MASONRY BOND BEAM W/ 1 #5 CONTINUOUS, SEE DETAIL 11/S-3.
 -



TRUSS BEARING CONDITIONS AND STRAPPING IS BASED ON TRUSS LAYOUT PREPARED BY BUILDERS FIRST SOURCE JOB # MASTER DATED: 07/11/19

ROOF FRAMING PLAN "BL"
1/4" = 1'-0"
ALL EXTERIOR MASONRY WALL SEGMENTS ARE SHEARWALL SEGMENTS.

No.	Description	Date
1	REVISED FROM MONOLITHIC FOUNDATION TO STEMWALL FOUNDATION	03/06/20
2	SPECIFY FLOOD VENT TYPES & CHANGE FOOTING, REVISE LINTEL AND HANGERS	04/23/20

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL FLORIDA BUILDING CODE 2017 - 6TH EDITION

STRUCTURAL SYSTEMS OF NORTH FLORIDA

11275 LOT 6 BLK 366 2414 BLUREVIT 11275 2414 BL.rvt

DATE: 11/08/19

DRAWN BY: JSL

CHECKED BY: JWC

REVISED: 04/23/20

PLAN: ROOF FRAMING PLAN

SCALE: As indicated

MODEL 2414

GCD JOB # 11275

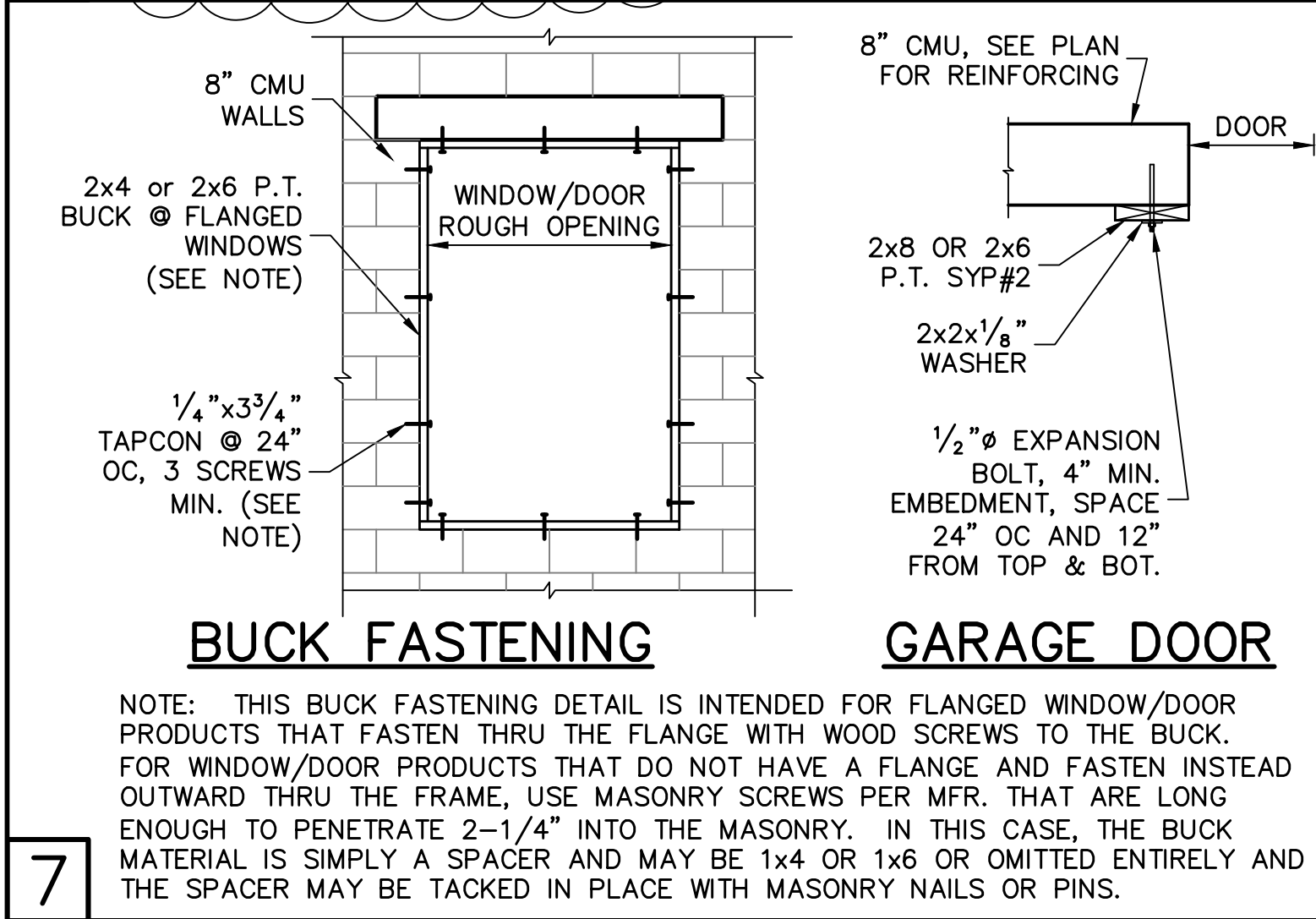
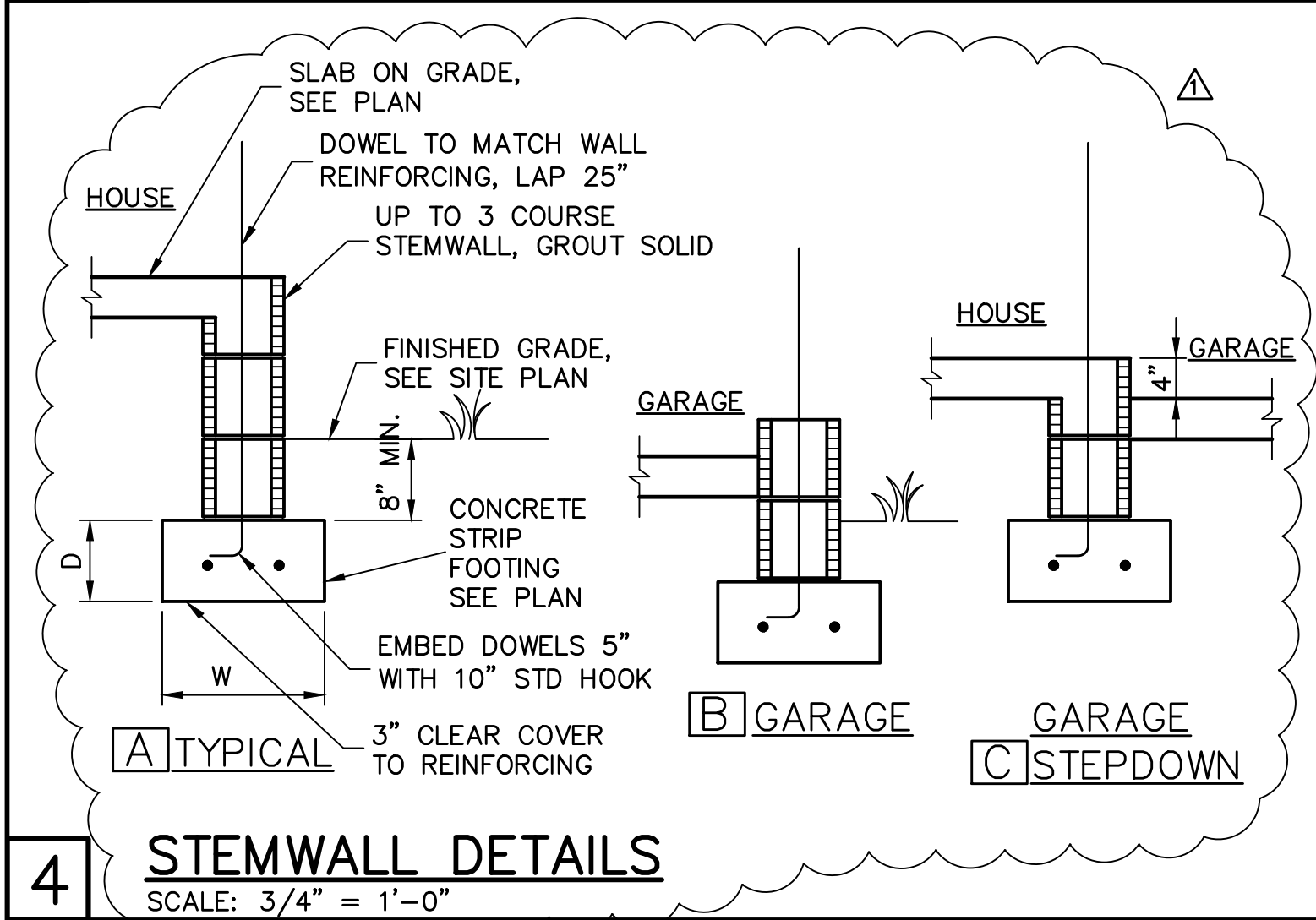
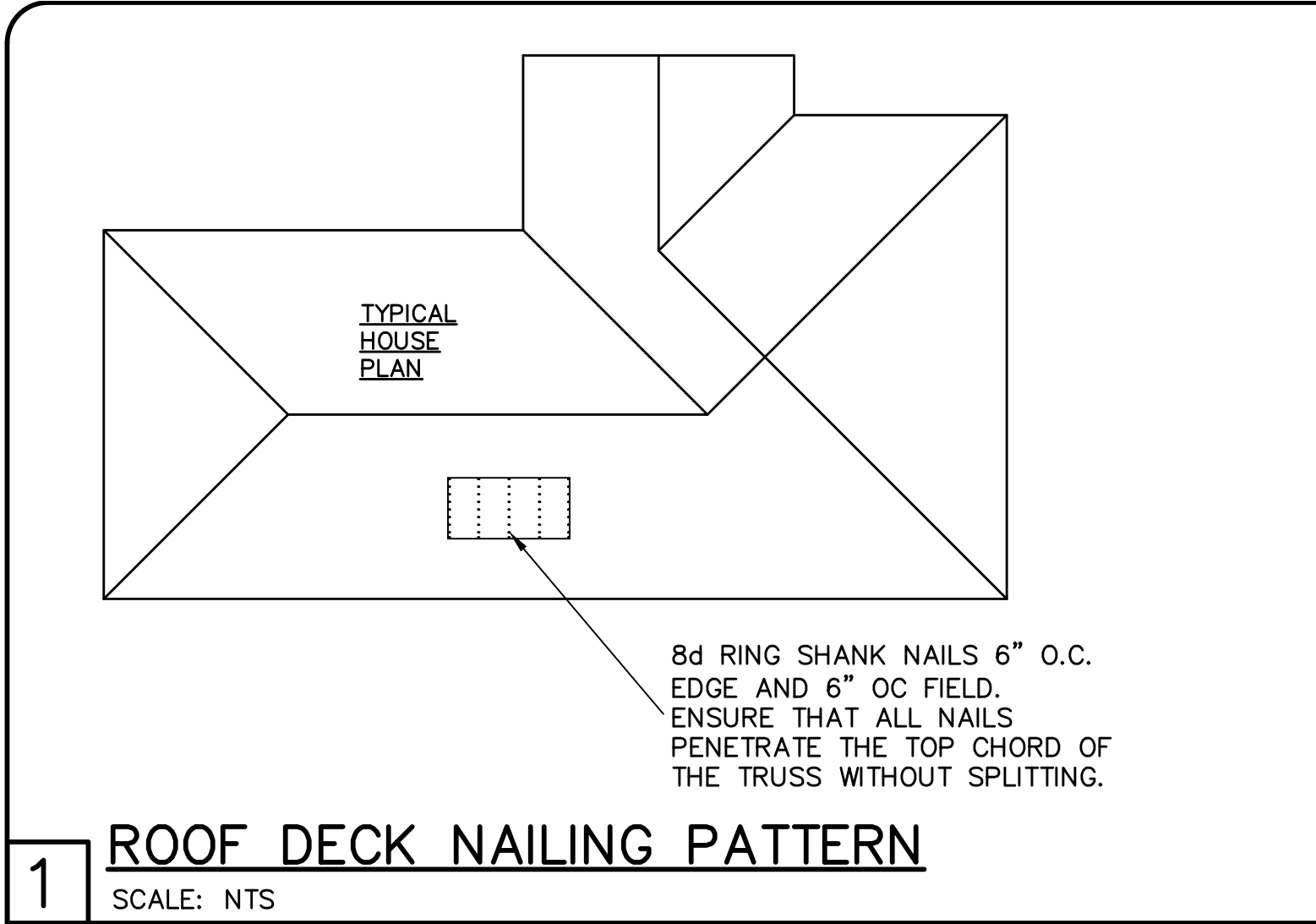
LOT: 6

SUBDIVISION: BURNT STORE MEADOWS

ADDRESS: 7435 SOUTH SEAGRAPE ROAD

D.R.H. #: 578380032

DATE: 08/01



10

RETROFIT UPLIFT CONNECTOR SCHEDULE

TRUSS UPLIFT (LBS) @ 24" OC	CONNECTOR
TO 840	1-MTSM16 or 20
TO 1045	1-HTSM16 or 20
TO 2090	2-HTSM16 or 20
TO 4300	2-LGT2
TO 3480	HTT16
TO 10530	HGT-2/3

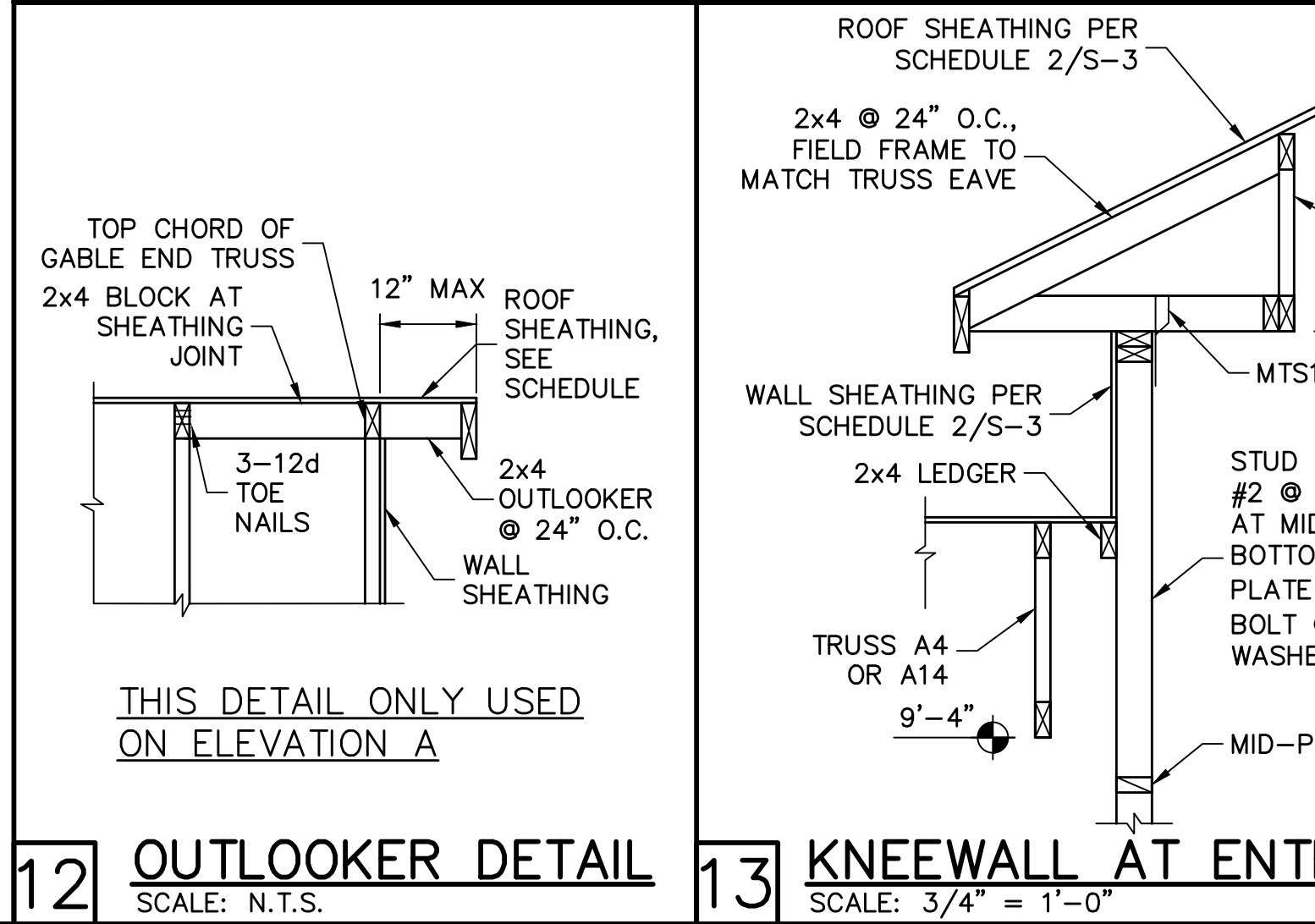
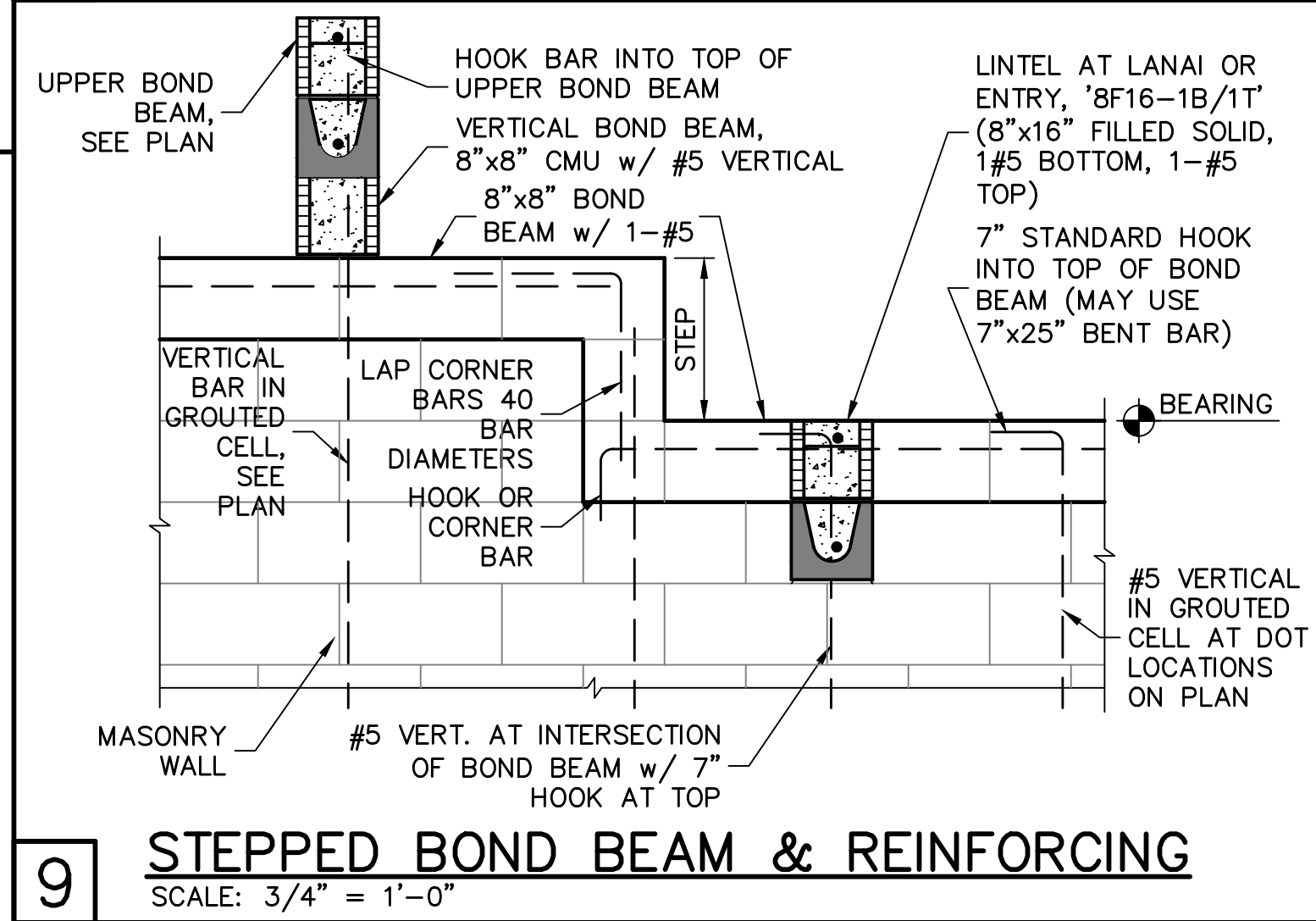
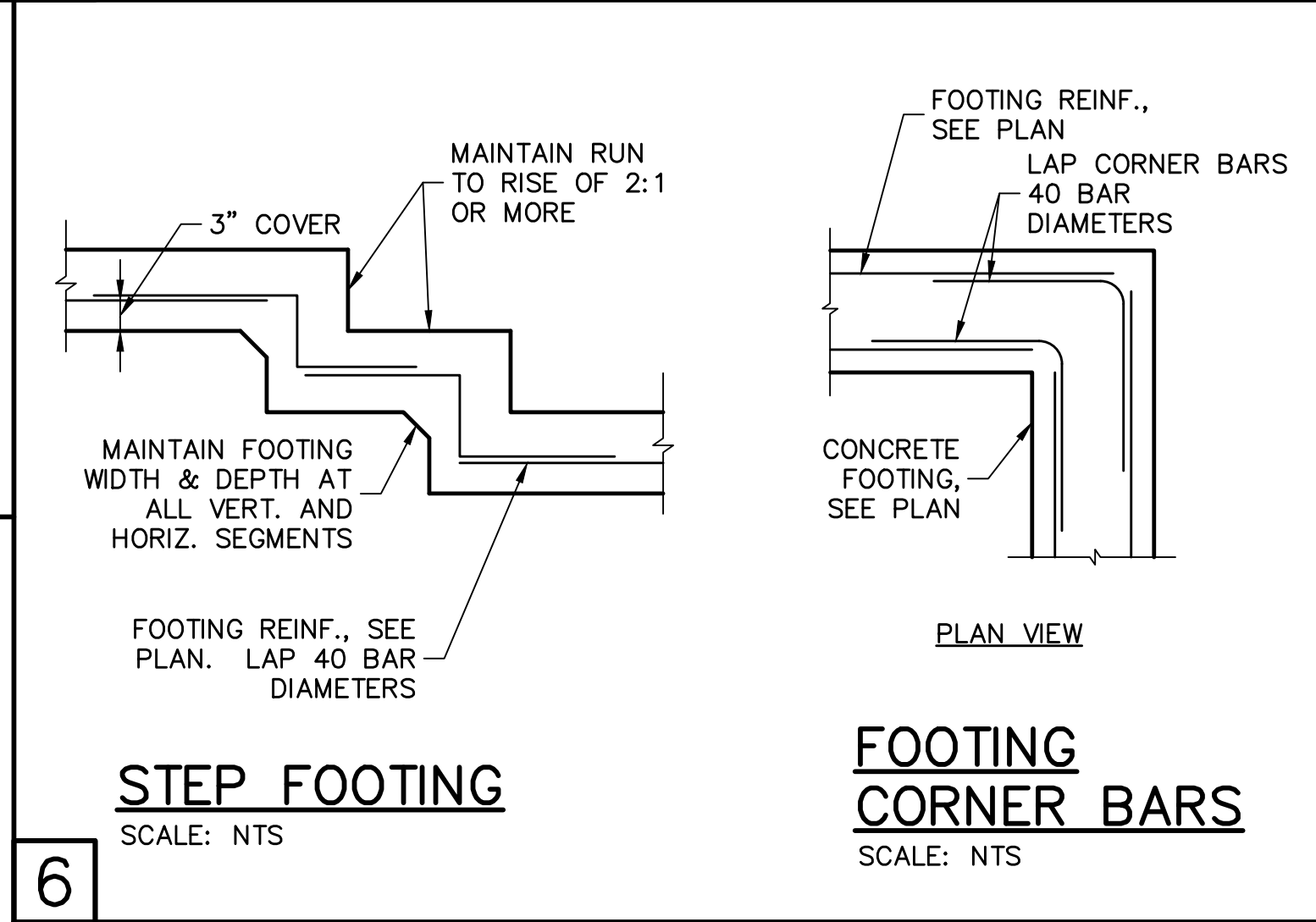
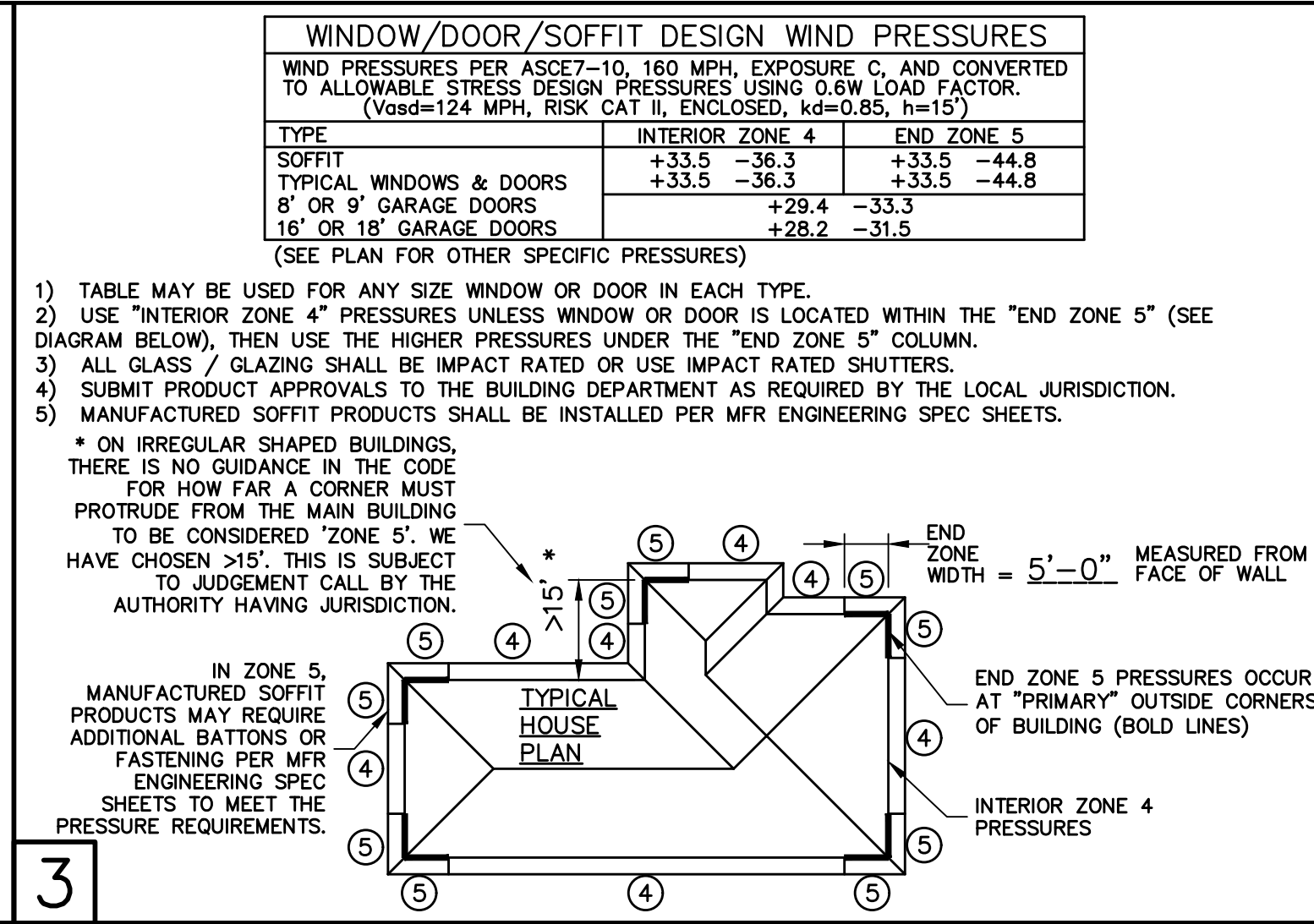
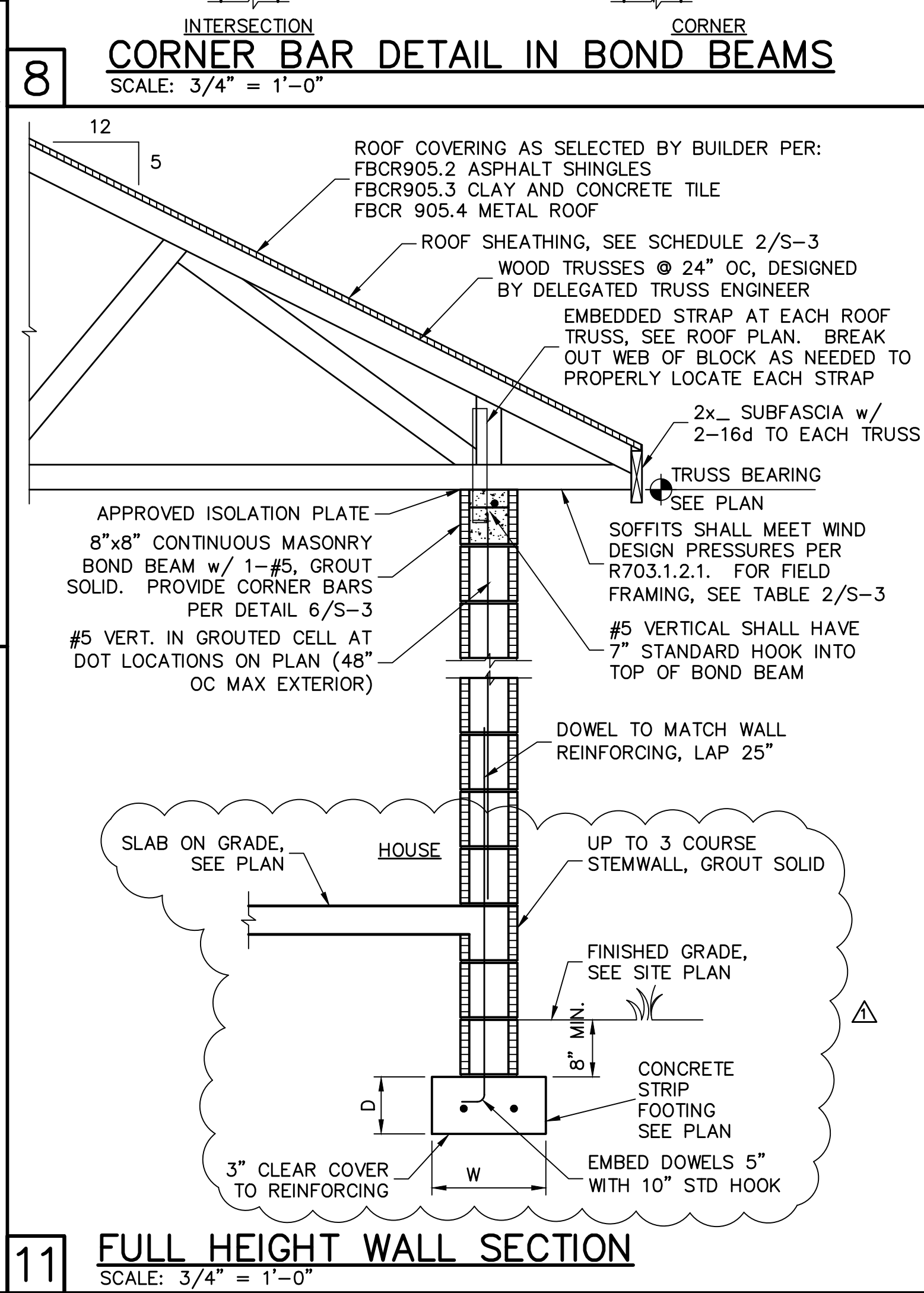
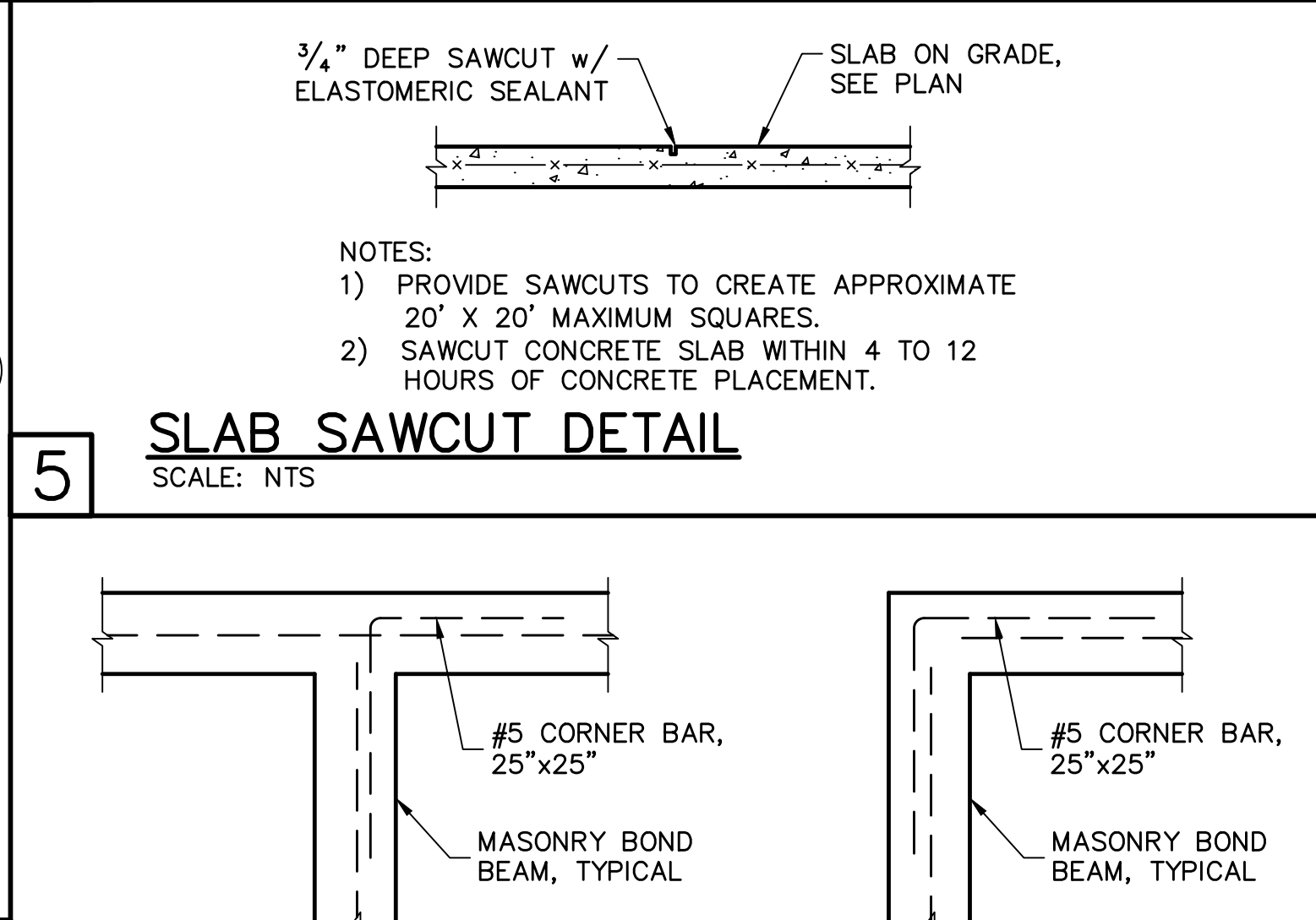
NOTES:
1) WHERE EMBEDDED STRAP IS MISSING OR MIS-LOCATED, PROVIDE A STRAP FROM THE ABOVE LIST AT EACH ROOF TRUSS BEARING POINT, BASED ON THE TRUSS UPLIFT VALUES IN THE SIGNED AND SEALED TRUSS DESIGN PACKAGE.
2) CONNECTORS ARE SIMPSON STRONG TIE. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE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

2

SHEATHING SCHEDULE

EXTERIOR STUD WALL	FLOOR
7/16" ZIP SYSTEM WALL SHEATHING BY HUBER ENGINEERED WOODS LLC, NAILED W/ 8d COMMON WIRE @ 6" O.C. EDGE AND 6" O.C. FIELD. PROVIDE 2x4 BLOCKING AT ALL JOINTS. INSTALL SHEATHING AND SEAM TAPE IN STRICT ACCORDANCE WITH MFR. WRITTEN INSTRUCTIONS.	N/A
ROOF	EXTERIOR CEILING AND SOFFIT
A.P.A. RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER. FASTEN WITH 8d RING SHANK NAILS @ 6" O.C. EDGE AND 6" O.C. FIELD. (WHEN 1/2" ZIP BRAND ROOF SHEATHING IS USED, H-CLIPS ARE NOT REQUIRED) (RING SHANK NAILS PER R803.2.3.1: 0.113" NOMINAL SHANK DIAMETER, RING DIA. OF 0.012" OVER SHANK DIAMETER, 16 TO 20 RINGS PER INCH, 0.280" DIAMETER FULL ROUND HEAD, 2" NAIL LENGTH)	OPTIONS: 1) 1x4 STRIPPING @ 16"OC w/ 2-8d NAILS TO EACH TRUSS, 3/8" EXTERIOR GYPBOARD CEILING, FASTEN W/8d NAILS OR 1 5/8" DRYWALL SCREWS @ 6"OC EDGE & FIELD. 2) 3/8" BC PLYWOOD NAILED W/ 6d COMMON @ 6" OC EDGE & FIELD. 3) VINYL OR ALUMINUM PERFORATED SOFFIT INSTALLED PER MANUFACTURER INSTRUCTIONS TO MEET WIND PRESSURES PER R703.1.2.1.

NOTE: EXTERIOR CEILINGS AND SOFFITS 1) AND 2) SPECIFIED HERE MEET THE DESIGN WIND PRESSURES PER R703.1.2.1.



DESIGN CRITERIA:
DESIGN IN ACCORDANCE WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 6th EDITION (2017) RESIDENTIAL.

1. FLOOR & ROOF UNIFORM LOADS:
ELEVATED FLOORS: LIVE LOAD 40 PSF, DEAD LOAD 20 PSF
ROOF: LIVE TOP CHORD 20 PSF
LIVE BOTTOM CHORD 10 PSF (NON-CONCURRENT W/ TOLL)
CEMENT ROOF TILE DEAD LOAD 25 PSF TOTAL
SHINGLE/METAL ROOFING DEAD LOAD 15 PSF TOTAL
MINIMUM DEAD LOAD FOR WIND: TC 5 PSF, BC 5 PSF
DEFLECTION CRITERIA:
FLOOR L/480 LIVE, L/360 TOTAL
ROOF L/240 LIVE, L/180 TOTAL

2. WIND LOADS:
WIND DESIGN PER, ASCE7-10
BASIC WIND SPEED (ASCE7-10) 160 MPH
NOMINAL WIND SPEED (V_{wd} TABLE R301.2.1.3) 124 MPH
BUILDING CATEGORY II
IMPORTANCE FACTOR 1.00
EXPOSURE C
MEAN ROOF HEIGHT = 15 FT
ROOF PITCH 5/12
ENCLOSURE C
INTERNAL PRESS. COEFF. +/- 0.18
WINDOW/DOOR DESIGN WIND PRESSURE, SEE TABLE IN DETAIL 3.
SOFFITS - PER R703.1.2.1, ALL SOFFITS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLE R301.2(2) FOR WALLS

3. REINFORCED CONCRETE:
DESIGN AS PER ACI 318-14
REQUIRED COMPRESSIVE STRENGTH AT 28 DAYS:
SLAB ON GRADE f'_c = 2500 PSI
3 1/2" MINIMUM THICKNESS REINFORCED WITH 6x6 w1.4xw1.4 WWF OR FIBERESH.
CONVENTIONAL SHALLOW FOOTINGS f'_c = 2500 PSI
BEAMS AND COLUMNS f'_c = 3000 PSI
ALL OTHER CONCRETE (U.N.O.) f'_c = 3000 PSI
UNLESS OTHERWISE SHOWN ON DRAWINGS, MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS:
FOOTINGS 3" CENTERED
SLAB ON GRADE 1 1/2"
BEAMS 1 1/2"
COLUMNS 1 1/2"
ALL REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE TYPICAL BENDING DIAGRAMS AND PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS. ALL REINFORCING STEEL SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING OF CONCRETE.
REINFORCING STEEL - ASTM A615 GRADE 40 FOR #3
GRADE 60 FOR #4 TO #11
WELDED WIRE FABRIC - ASTM A185
SPICES IN REINFORCING, SHALL BE 40 BAR DIAMETERS. NON-CONTACT LAP SPICES MAY BE USED PROVIDED REINFORCING IS NOT SPACED MORE THAN 5" APART FOR #5 BARS.
FORMWORK AND SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS REACHED AT LEAST 2/3 OF THE REQUIRED 28 DAY STRENGTH.

4. REINFORCED MASONRY:
DESIGN PER ACI 530-13
REQUIRED COMPRESSIVE STRENGTHS:
MASONRY WALLS f'_m = 1500 PSI
REINFORCING STEEL - ASTM A615 GRADE 60.
SPICES IN REINFORCING, SHALL BE 48 BAR DIAMETERS.
ALL CONCRETE MASONRY UNITS SHALL BE COMPOSED OF ASTM C90, GRADE N-1 HOLLOW CONCRETE MASONRY UNITS WITH TYPE "S" MORTAR. GROUT ALL CELLS CONTAINING VERTICAL REINFORCEMENT WITH 3000 PSI PEA ROCK CONCRETE GROUT. ALL CELLS BELOW FINISHED GRADE SHALL BE GROUTED SOLID. ALL EXTERIOR WALLS SHALL BE REINFORCED FULL HEIGHT AT DOT LOCATIONS ON PLAN.

5. DELEGATED-ENGINEERED WOOD ROOF TRUSSES:
ALL WOOD ROOF TRUSSES SHALL BE DESIGNED BY A DELEGATED TRUSS ENGINEER PER RULE 61G15-31.003 OF THE FLORIDA ADMINISTRATIVE CODE. ALL TRUSSES SHALL HAVE TEMPORARY BRACING PER "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES, HIB-91." FOR OTHER BRACING REQUIREMENTS, NOTIFY ENGINEER. PROVIDE PERMANENT BRACING PER TRUSS MFR. SHOP DRAWINGS. IF PERMANENT BRACING IS NOT SPECIFIED, CONTACT ENGINEER.

6. FOUNDATION:
CONVENTIONAL SHALLOW CONCRETE FOOTINGS
SOIL BEARING CAPACITY 2000 PSF
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE SUITABILITY OF THE SOIL CONDITIONS FOR THE INTENDED STRUCTURE AND ASSUMED SOIL BEARING CAPACITY.
IT IS RECOMMENDED THAT A GEOTECHNICAL FIRM BE HIRED TO PERFORM A SITE EVALUATION.

7. DIMENSIONS: VERIFY ALL DIMENSIONS WITH HOUSE PLANS. SEE HOUSE PLANS, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. WHICH ARE NOT SHOWN ON STRUCTURAL DRAWINGS.

8. MEANS AND METHODS: THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SEQUENCES TEMPORARY BRACING, SHORING, GUINING OR OTHER MEANS TO SUPPORT STRUCTURAL ELEMENTS IN PLACE DURING CONSTRUCTION. FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, OR ANY OTHER PERSONS PERFORMING THE WORK OR FOR THE FAILURE OF ANY OF THEM TO CONSTRUCT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

9. SHOP DRAWINGS: SHOP DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ENGINEER FOR REVIEW FOR ALL STRUCTURAL ELEMENTS UTILIZING PREFABRICATED COMPONENTS. ONE SET OF SIGNED & SEALED TRUSS ENGINEERING SHALL BE DELIVERED TO THE ENGINEER OF RECORD FOR THE STRUCTURE PER FLORIDA ADMINISTRATIVE CODE 61G15-30.005 AND 61G15-31.003.

At Exterior Stud Walls and Gable Ends with Wall Sheathing, apply plaster over metal lath over water resistive barrier as follows:
Plaster R703.7.2: 3-coat 7/8" thick portland cement based plaster per ASTM C926.
Metal Lath R703.7.1: Self furring paper backed, 2.5lb diamond mesh metal lath per ASTM C847, G60 galvanized, fastened per ASTM C1063 with 1-1/2" long, 11 gage nails with 7/16" head (roofing nails) at 7" oc, or 1-1/2" long, 16 gage staples at 6" oc, into the framing members (ie, the nails or staples must align with and penetrate 3/4" into the framing studs).
Water Resistive Barrier (WRB) R703.7.3: Water-resistive vapor-permeable barrier with a performance at least equivalent to 2 layers of Grade D paper. The individual layers shall be installed independently. An approved house wrap may be used for the 1st layer and metal lath with approved paper backing may be the 2nd layer (Note: ZIP wall sheathing with seam tape qualifies as the first layer).

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 6th EDITION (2017) RESIDENTIAL

FOR BUILDERS FIRST SOURCE TRUSSES, ELEVATION B, JOB # MASTER, DATED: 07/16/19, REVISED: NONE

REVISIONS BY

REVISIONS	BY
03/06/20	DWB
04/23/20	DWB

STRUCTURAL ENGINEERING:

STRUCTURAL SYSTEMS OF NORTH FLORIDA

1634 S.E. 47th STREET, SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554
CA # 8629

BUILDER:

D.R. HOOTON, P.E.
America's Builder

STRUCTURAL DETAILS
MODEL 2414 B
7435 SOUTH SEAGRAPE ROAD
PUNTA GORDA, FLORIDA
LOT: 6 SUBDIVISION: BURN'T STORE MEADOWS

DESIGN/DRAWN DWB/GH
CHECKED DWB
DATE 11/08/19
SCALE VARIES
JOB NO. DR11275
SHEET

S-3

SHEET 3 OF 3