



City of Venice
Building Department
401 W. Venice Ave
Venice, FL 34285



Phone (941) 486-2626 Fax (941) 486-2448 Inspections (941) 483-5907 Apply Online <https://trakit.venicegov.com/eTRAKit/>

RESIDENTIAL DATA SUMMARY WORKSHEET

This form shall be completed and submitted with Application Documents

Owners Name D R HORTON INC P.I.D. _____
Project Address 253 Teramo Way NOKOMIS, FL, 34275
Design Professional Structural Systems Phone 239-549-4554 Fax _____
Contractor DR HORTON INC Phone 239-225-600 Fax _____

Applicable Codes

Building Code Florida Building Code 2020 Residential Volume
Mechanical Code Florida Building Code 2020 Residential Volume
Plumbing Code Florida Building Code 2020 Residential Volume
Electrical Code NFPA 70 / NEC 2020
Accessibility Code Florida Building Code FACBC 2020
Energy Code Florida Building Code Residential Energy Efficiency 2020

Manufacturer / FL Product Approval / NOA #

Doors / SGD MI Window FL22401.3-FL22401.4
Windows SH Windows - FL17676.1
Overhead Doors Wayne Dalton FL9174.1/9174.3
Mitered Glass N/A
Shutters ALL AMERICAN - FL17869.1
Roof Coverings Eagle Roofing - FL7473.1 (R9)
Soffit KAYCAN LTD - FL24564.3 (R4)
Sentricon Bait BORA CARE

Method of Design per R301 / Residential Volume			
<u>AF&PA (WFCM)</u>	<u>ASCE 7</u>	<u>AISI (COFS/PM)</u>	<u>ICC 600</u>
<u>MAF Guide</u>	Other _____		
☒ <u>FBC 2020 / Residential</u>			
Volume Construction Type	IV V (circle one)	Other	VB
Design Wind Speed <u>160</u> m.p.h.	R301.2 (4)	WINDOW & DOOR WIND	
Importance Factor <u>1.0</u>		PRESSURE DESIGN LOADING	
Wind Debris Area <u>Yes</u> No	Exposure B or C (circle one)	Mean Roof Height <u>15</u> feet	
		Windows <u>+33.5, -44.8</u> psf	
		Doors <u>+33.5, -44.8</u> psf	
		Garage Doors <u>+29.4, -33.3</u> psf	
Structural Forces Section R301.4 / R301.5 / R301.6		Please Show Design Pressure for Worst Case ONLY	
Floor Design	Live Load <u>40</u> p.s.f.		
	Dead Load <u>Slab On Grade</u> p.s.f.		
Roof Design	Live Load <u>20</u> p.s.f.		
	Dead Load <u>TC=20 BC=10</u> p.s.f.		
Components and Cladding Design Pressures: R301.2 (7)			
Z1 <u>+24.9, -44.8</u> p.s.f.	Z3 <u>+24.9, -61.7</u> p.s.f.	Z5 <u>+33.5, -44.8</u> p.s.f.	
Z2 <u>+24.9, -61.7</u> p.s.f.	Z4 <u>+33.5, -36.3</u> p.s.f.	a= edge distance <u>4 ft.</u>	
Misc. Notes		Area Tabulation	
For Specific window and door pressures, see Sheet A3 or S-2, whichever one is sealed.			
		Living	1,444 sf / Conditioned Space
		Garage	395 sf
		Lanai	115 sf
		Entry	53 sf
		Storage	sf
		Other	sf
			2,007 Total square footage

I certify to the best of my knowledge and belief, these plans and specifications have been designed to comply with the structural portion of the Building Code for wind and gravity loads as amended and enforced by the permitting jurisdiction.

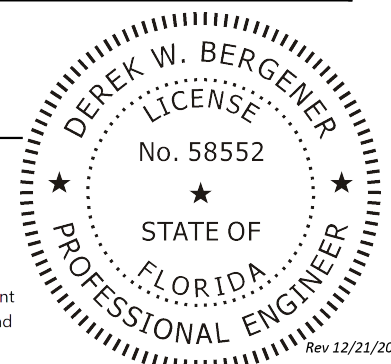
Signature _____
Architect / Engineer

Date _____

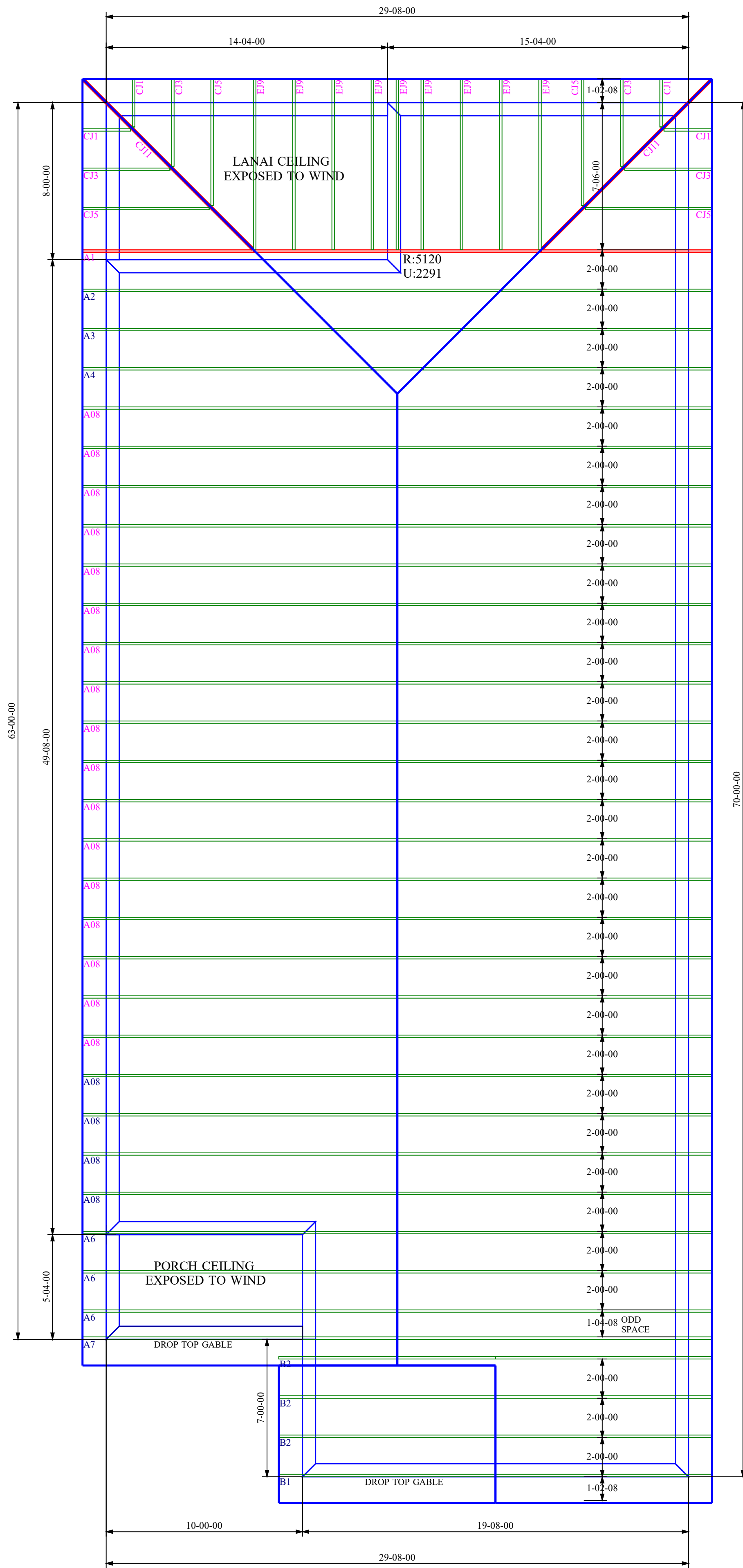
Seal

Residential Data Summary Worksheet

This item has been digitally signed by Derek Bergener on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



JOB No.	MASTER
DATE DRAWN	6/30/2020
DATE PRINTED	1/22/2021



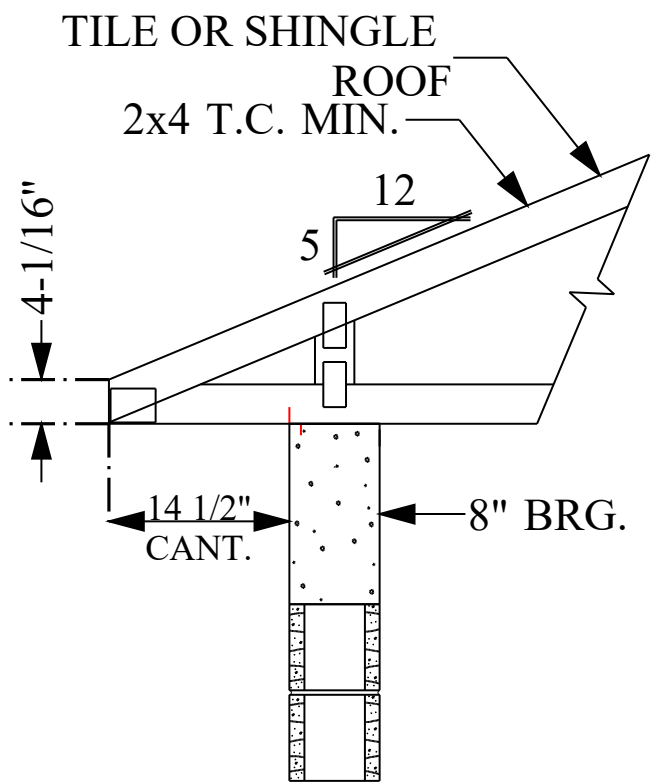
Engineer of Record for the Structure
Structural Systems of N. Fl, Inc.
Derek Bergener, PE 58552
1634 SE 47th Street #3
Cape Coral, FL 33904

This document has been reviewed for conformance with the design intent of the structure and specified design criteria.

- ☒ Accepted As-Is ☐ Accepted As Noted ☐ Revise and Resubmit

GENERAL TRUSS ENGINEERING CRITERIA & DESIGN LOADS	
DESIGN CODE	FBC2020/TPI2014
WIND CODE	MWFRS (Directional)/C-C HYBRID WIND ASCE 7-16
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

BEARING HEIGHT SCHEDULE	
	9'-4" BEARING HEIGHT



TYP. ROOF TRUSS END DETAIL
N.T.S.

ALL 9'-4" FLAT CEILINGS

SIMPSON ROOF AND FLOOR TRUSS HANGER SCHEDULE							
ID	QTY/VIEW	MODEL	FLOOR	ROOF	UPLIFT	SYMBOL	
A*	0	LUS24	725	895	4300	1	A*
B	0	LUS26	730	920	1560	15	B
C	0	HTU26-2	2040	3895	6485	235	C
D	0	HTU26-2	2040	3600	1515	215	D
E	0	HTU28-2	3820	4310/4480	1500/2485		E
F	0	HGUS28-2	4355		2415	325	F
G	0	HGUS28-2	7460		2460	3255	G
H	0	HGUS26-3	4355	5230	2515	1	H
I	0	HGUS26-3	7460	5230	3235	1	I
J	0	HGUS10-4	9100	9100	4095	1	J
K	0	SUL26	865	1055	765	1	K
L	0	SUL26	865	1055	765	1	L
M	0	SUL210	1440	1760	1250	1	M
N	0	SUL210	1440	1760	1250	1	N
O	0	HSU26	2680	2960	960	1	O
P	0	HSU26	2680	2960	960	1	P
Q	0	HSU26	2790	3410	1550	1	Q
R	0	THA422	2245	2245	1855	1	R
S	0	THA422	2245	2245	1855	1	S
T	0	THA422	2245	2245	1855	1	T

NOTE: UPLIFT VALUE FOR THA422, THA426, THA480 HANGERS APPLY ONLY TO FACE NOT ISOLATION

FLOOR TRUSS HANGER

ROOF TRUSS HANGER

FLOOR TRUSS HANGER

ROOF TRUSS HANGER

FLOOR TRUSS HANGER

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ROOF TRUSS HANGER

FLOOR TRUSS HANGER

ROOF TRUSS HANGER

- 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.

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 FirstSource.
NO EXECPTIONS.

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	1444 B 160 C RH
MODEL	1444
ADDRESS	--
CITY, STATE	--, FL.
LOT	--
COUNTY	--
DRAWN BY	D.W.
ENG. BY	D.W.

REVISIONS			
No.	DATE	NOTES	BY
1	1/22/2021	Updated code to FBC2020/TP12014	D.W.

IMPORTANT

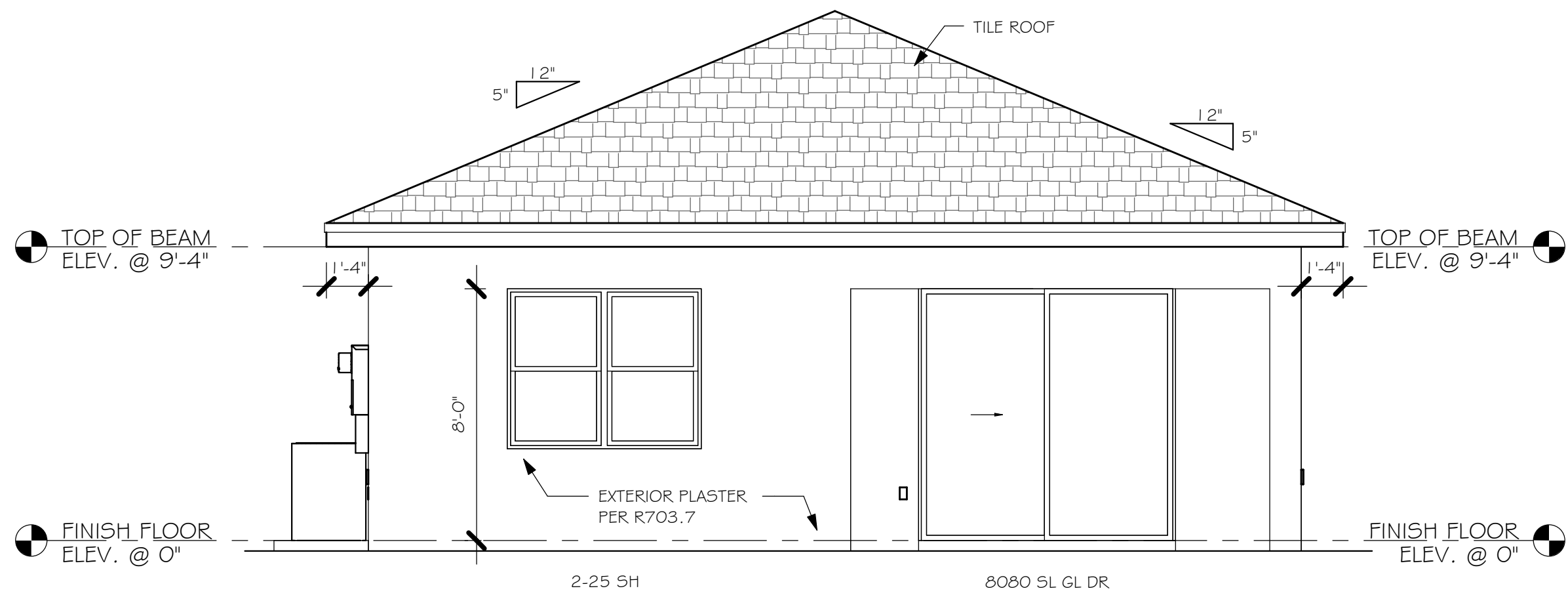
This Drawing Must Be Approved And Returned
Before Fabrication Will Begin. For Your Protection
Check All Dimensions And Conditions Prior To
Approval Of Plan.
SIGNATURE BELOW INDICATES ALL NOTES
AND DIMENSIONS HAVE BEEN ACCEPTED.

By _____ Date _____

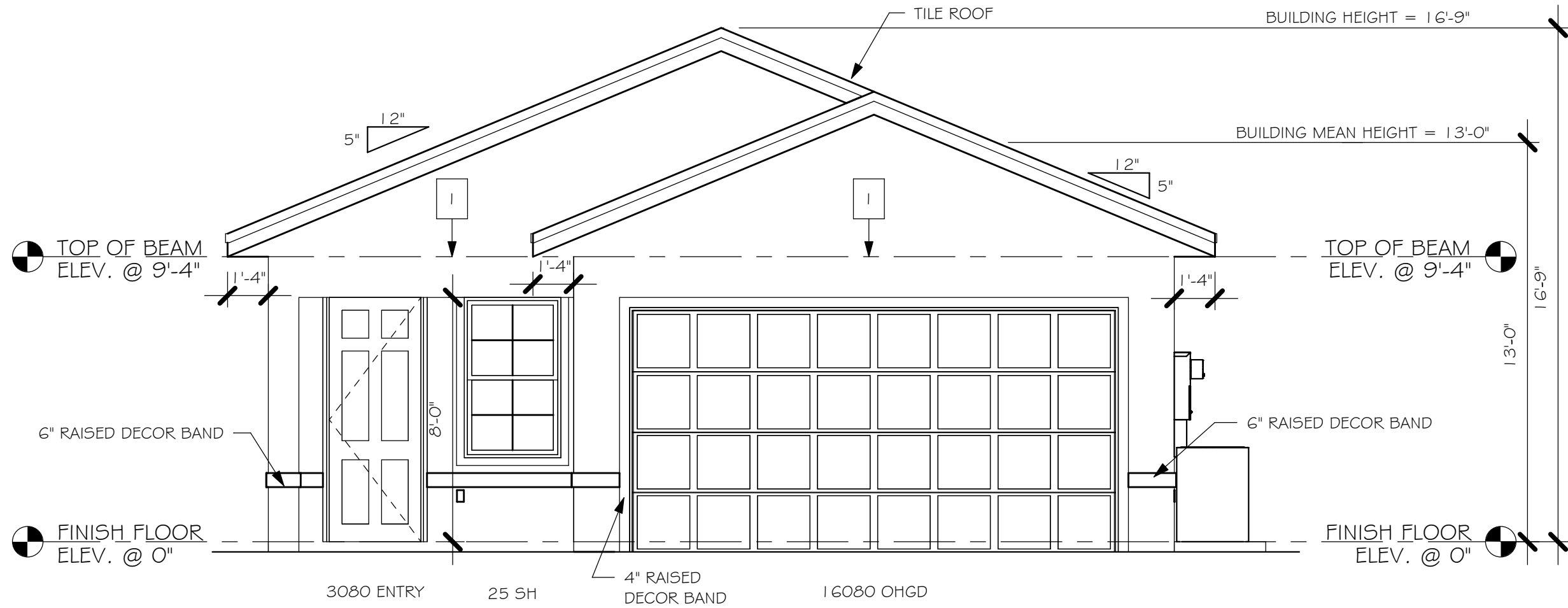
6850 Taylor Road Punta Gorda, Fl. 33950
Phone: 941-575-2250 / Fax:941-575-0319



L:\O-New Data\1-MASTER 2019\2019-BUILDERS\DK HORTON 2019\SUBDIVISIONS\TOSCANA
15\ES 605\13776 LOT 585 1444 BR\REV\13776 1444 BR.rvt

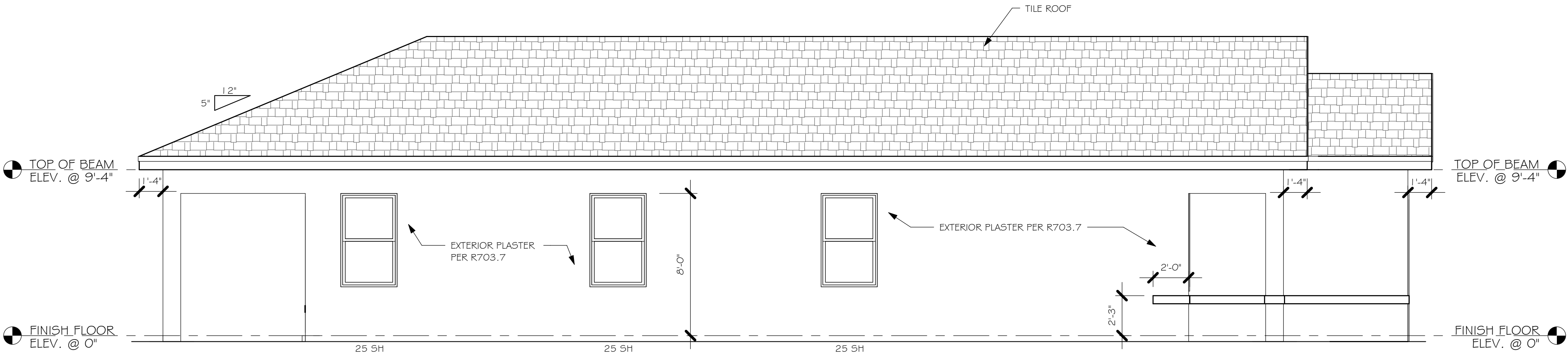


REAR ELEVATION "B"
1/4" = 1'-0"

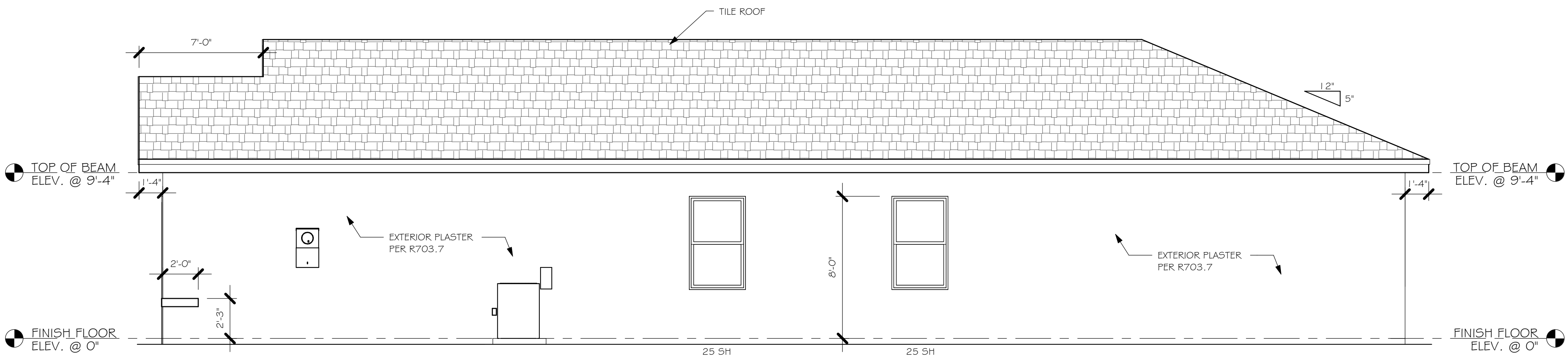


FRONT ELEVATION "B"
1/4" = 1'-0"

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



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



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

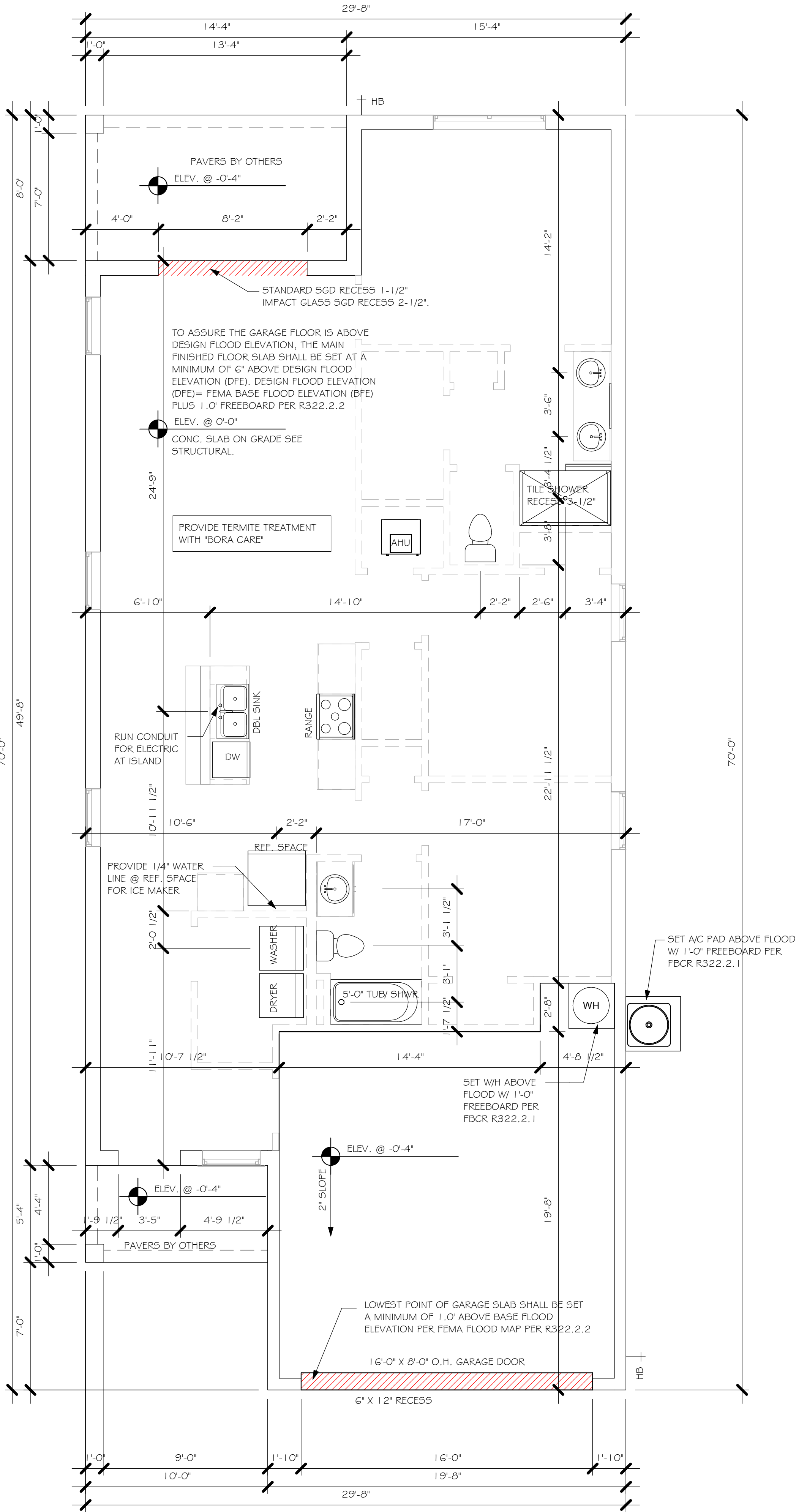
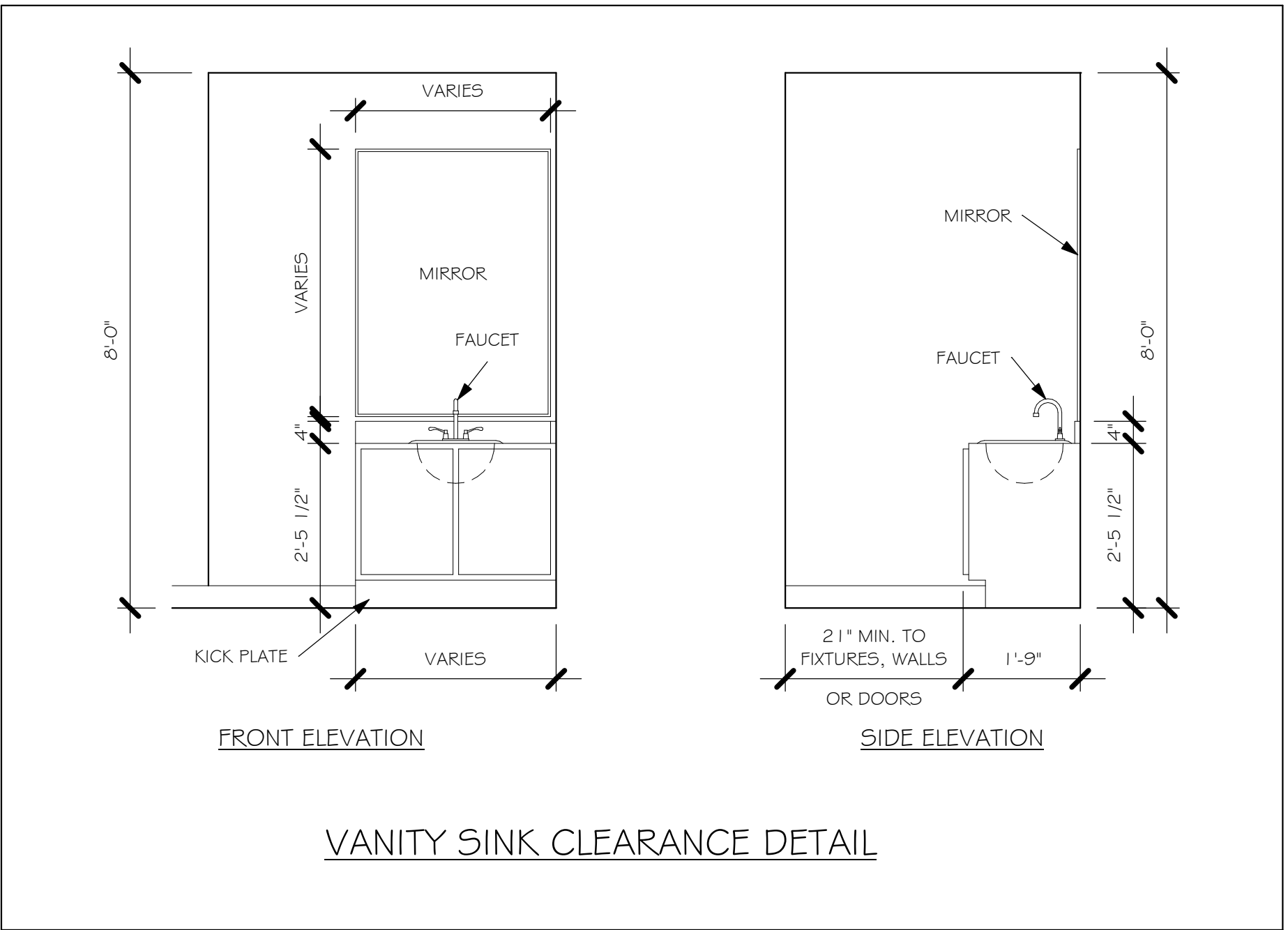
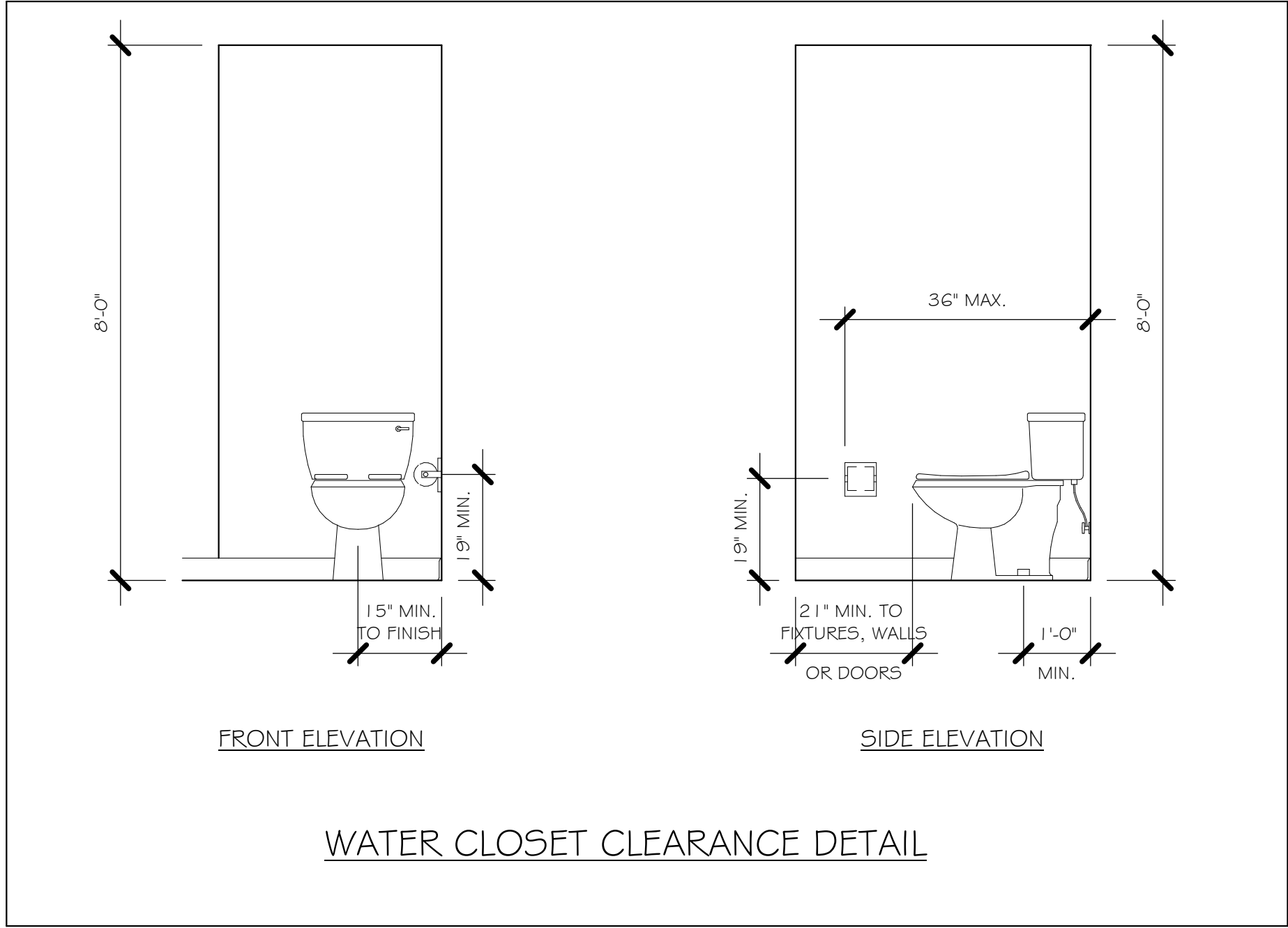
FLORIDA BUILDING CODE 7TH EDITION

OCCUPANCY: FBC 310.5 RESIDENTIAL GROUP R-3
CONSTRUCTION TYPE: V-B (FIRE RESISTANCE RATING 0 HOURS, NOT SPRINKLED)

CODES TO BE USED BY OTHER DESIGN PROFESSIONALS AND LICENSED CONTRACTORS:
2020 FLORIDA BUILDING CODE, 7TH EDITION; RESIDENTIAL; ACCESSIBILITY; ENERGY CONSERVATION;
PLUMBING; MECHANICAL; AND FUEL GAS.
ELECTRICAL IS CONTAINED BY REFERENCE WITHIN FBC RESIDENTIAL CHAPTER 34: NFPA 70-17
NATIONAL ELECTRICAL CODE.

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL
FLORIDA BUILDING CODE 2020 - 7TH EDITION

L:\O-New Data\1 - MASTER 2019\2019-BUILDERS\DK HORTON 2019\SUBDIVISIONS\TOSCANA
FILES\605\13776 LOT 585 1444 BR\REVIT\13776 1444 BR.rvt



DESIGN IN ACCORDANCE WITH THE RESIDENTIAL
FLORIDA BUILDING CODE 2020 - 7TH EDITION

EMAIL: PLANS@GULFCOASTDRAFTING.COM PHONE: 239-540-8222 1515 SE 47th ST. CAPE CORAL, FL 33904	
LOT: 585 SUBDIVISION: TOSCANA III 40s ADDRESS: 253 TERAMO WAY D.R.H. #: 579570060	MODEL 1444 GCD JOB # 13776
DATE: 11/17/21	
DRAWN BY: JSL	
CHECKED BY: JWC	
REVISED:	
PLAN: SLAB & PLUMBING	
SCALE: As indicated	
A-2 B	

DOOR SCHEDULE						
MARK	DESCRIPTION	MANUFACTURER	HEIGHT	WIDTH	COMMENTS	QTY
1	3080 ENTRY	DISTINCTION	8'-0"	3'-0"		1
2	2-4080 SL. GL. DR.	DISTINCTION	8'-0"	8'-0"		1
3	16080 OHGD	GARAGE	8'-0"	16'-0"		1

A	25 SH		5'-5"	3'-4"		6
B	2-25 SH		5'-3"	6'-4"		1

OPT IMPACT GLASS MAY BE INSTALLED IN LIEU OF SHUTTERS VERIFY W/ CONTRACT

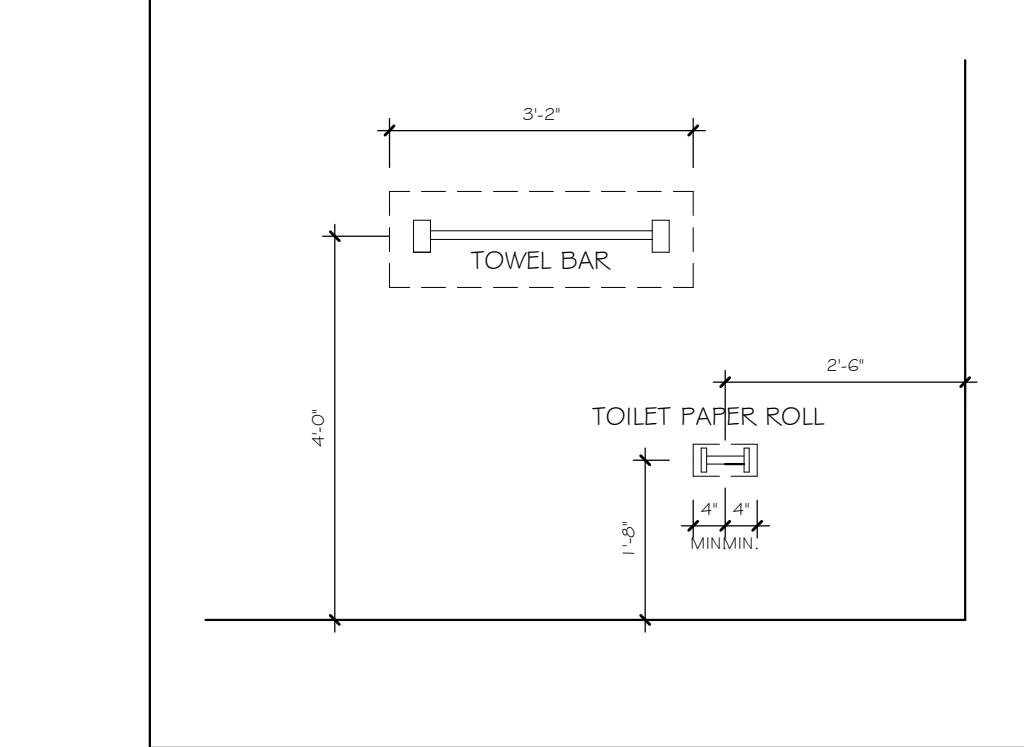
CABINET BACKING		
KITCHEN	UPPER TOP @ 84"	BASE TOP @ 35"
MASTER BATH	UPPER	BASE TOP @ 35"
GUEST BATH	UPPER	BASE TOP @ 31"
LAUNDRY ROOM	UPPER TOP @ 84"	BASE

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 308.4.2.
3)	PROVIDE SAFETY GLAZING AT BATH/ SHOWER PER FLORIDA BUILDING CODE R 308.4.5.
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 @ 41 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. R702.3.5
9)	THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE * ATTIC BY NOT LESS THAN 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" GYPSUM BOARD OR EQUIVALENT
10)	INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.5.1.
11)	ALL WINDOWS INSTALLED 72" ABOVE GRADE MUST COMPLY WITH R312.2 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PREVENTION 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 ABOVE FLOOD PLUS 1'-0" FREEBOARD.

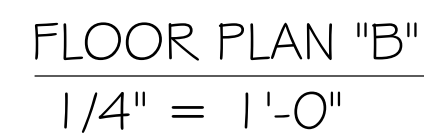
TOWEL BAR	ALL TUB DECKS @ 2 1" A.F.F
TOILET PAPER	ALL BLOCKING TO BE PT IN SHOWERS



SQUARE FOOTAGE	
LANAI AREA	115 SF
LIVING AREA	1444 SF
ENTRY AREA	53 SF
GARAGE AREA	395 SF
TOTAL AREA	2007 SF

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

The diagram illustrates the typical dimension string for three types of walls. It shows the relationship between the face of the exterior wall, the face of the outside wall, the face of the stud wall, and the face of the end wall. The dimension string is defined as the distance from the face of the exterior wall to the face of the end wall, which is equal to the sum of the thickness of the exterior wall, the thickness of the stud wall, and the thickness of the end wall. The diagram also shows the typical dimension string for the exterior wall, stud wall, and end wall, which are all 1/2" thick. The dimension string for the exterior wall is 1/2", for the stud wall is 1/2", and for the end wall is 1/2".



D·R·HORTON® DHI
LISTED
NYSE
America's Builder

PHONE: 239-540-1822

LOT: 585

SUBDIVISION: TOSCANA III 40s

ADDRS: 253 TERAMO WAY

GCD JOB # 13776	DRH #: 579570060
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MODEL

1444

DATE:

1117

DRAWN BY:

JSL

CHECKED BY:

JWC

REVISÉ

PLAN:

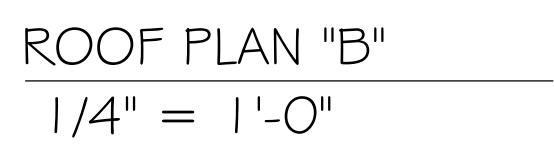
FLOOR

SCALE:

As indicated

A-3 B

BEARING HEIGHT	
	= BEARING @ 9'-4"



MODEL I 444	DATE:	1/17/21
	DRAWN BY:	JSL
	CHECKED BY:	JWC
	REVISED:	
LOT: 585 SUBDIVISION: TOSCANA III 40s ADDRS: 253 TERAMO WAY D.R.H. #: 579570060	PLAN:	ROOF
	SCALE:	As indicated
	A-4 B	

DESIGN IN ACCORDANCE WITH THE RESIDENTIAL
FLORIDA BUILDING CODE 2020 - 7TH EDITION

L:\O-New Data\1 -MASTER 2019\2019-BUILDERS\DR HORTON 2019\SUBDIVISIONS\TOSCANA
1515 605\13776 LOT 585 1444 BRREVIT\13776 1444 BR.rvt

R703.7 EXTERIOR PLASTER

ASTM C926 AND ASTM C1063

MID WALL WEEP SCREED DETAIL

WEEP SCREED DETAIL

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

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 2,000 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. 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.
7. 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.
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, GUYS, OR TIE DOWNS.
9. 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
10. 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.

2

GENERAL ROOF ASSEMBLY

ROOF SHEATHING FBOR TABLE R903.2.2 SHALL BE 1/2" APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 40/20 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 2 1/2" x 0.131 OR 3" x 0.120 RING SHANK NAILS @ 6" O.C. EDGE AND 6" O.C. FIELD FOR WIND SPEED/EXPOSURE 160/B, 160/C AND 170/B, FOR 170/C, DECREASE NAIL SPACING TO 4" O.C. EDGE AND 4" O.C. FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSSES WITHOUT SPLITTING.

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.

3

ASPHALT SHINGLE ROOF SPECS

SHINGLES

30# 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 3452, 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 MANUFACTURES 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

4

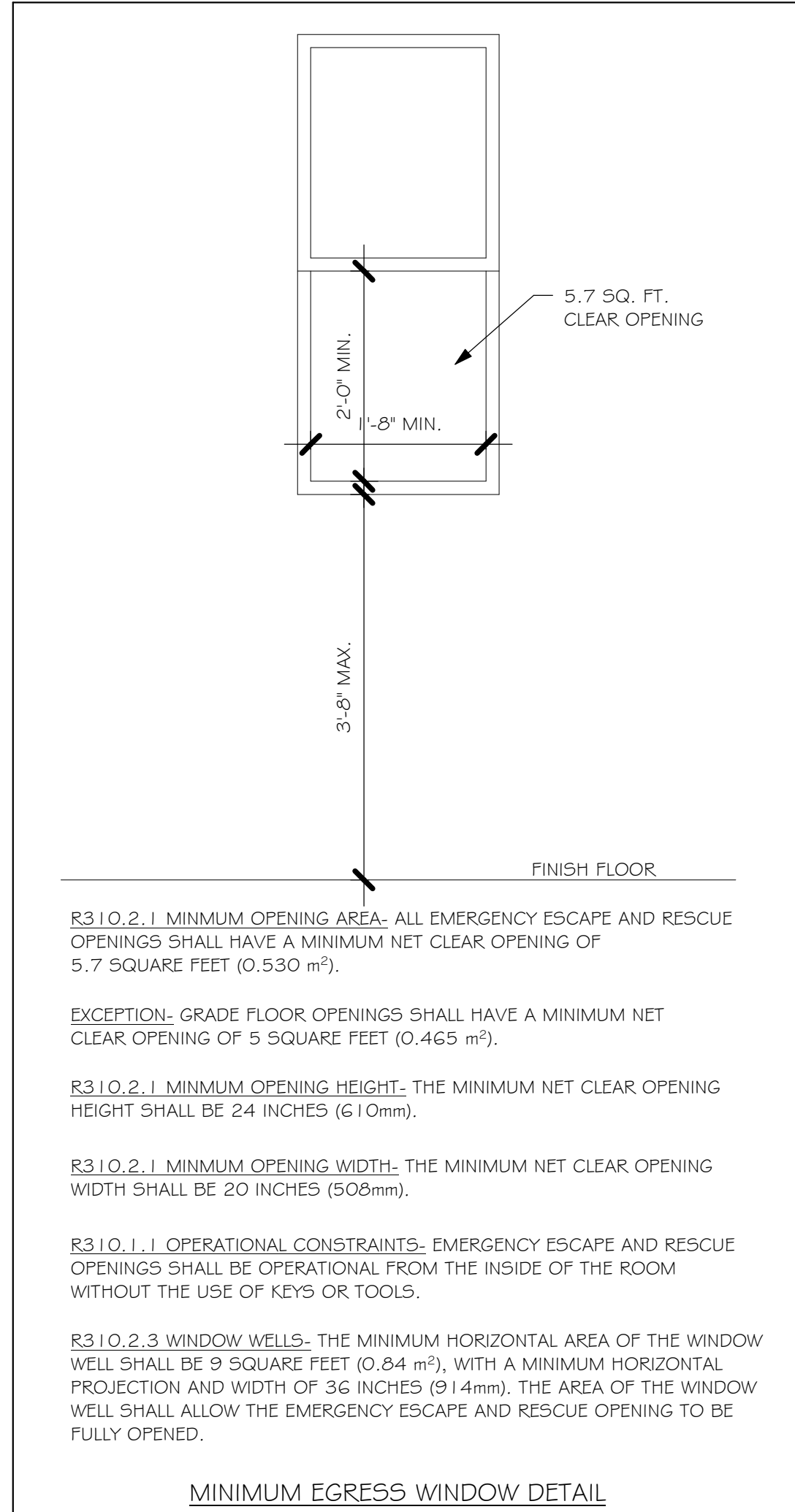
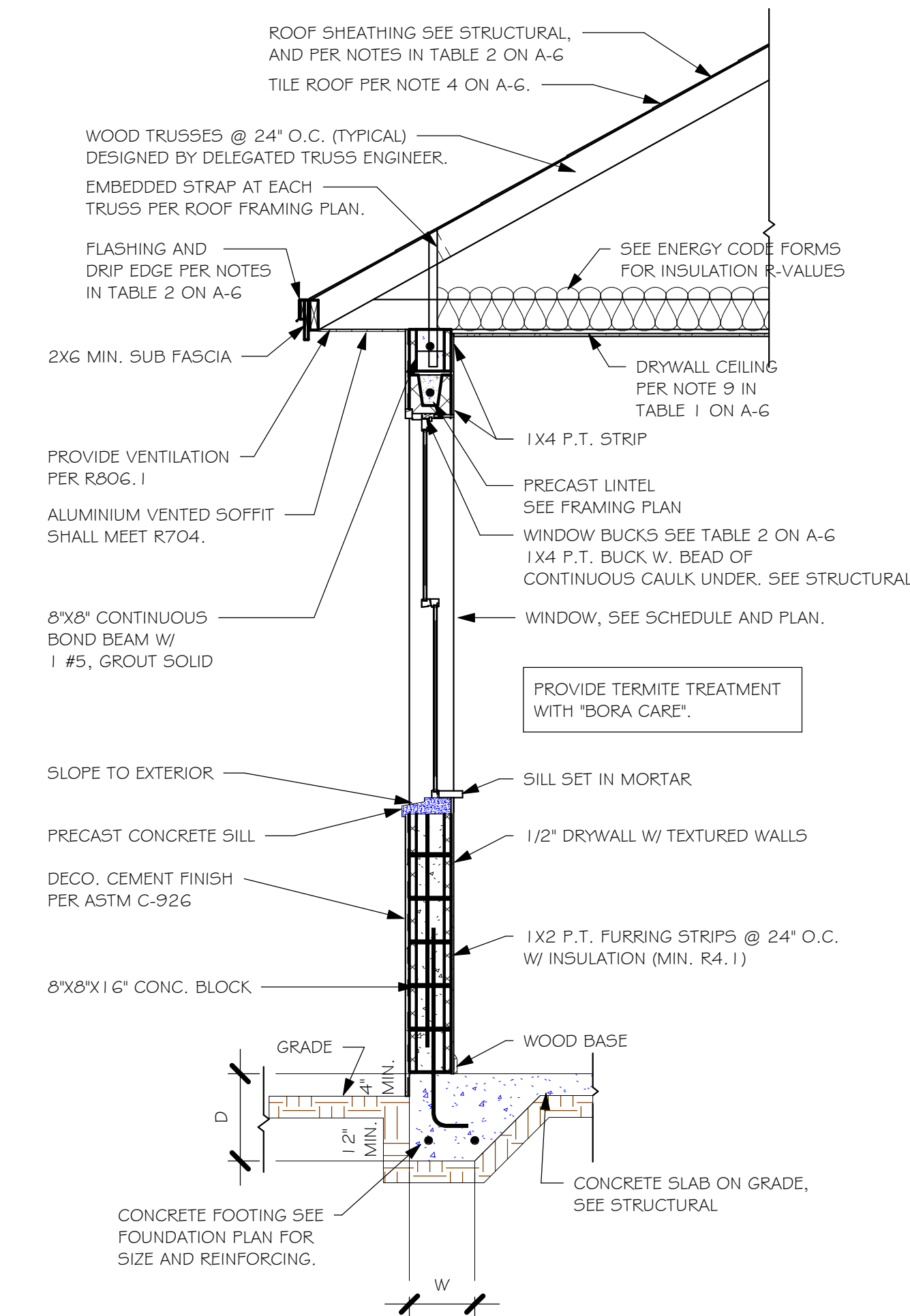
CLAY AND CONCRETE ROOF TILE SPECS

INSTALL PEEL AND STICK UNDERLAYMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF.

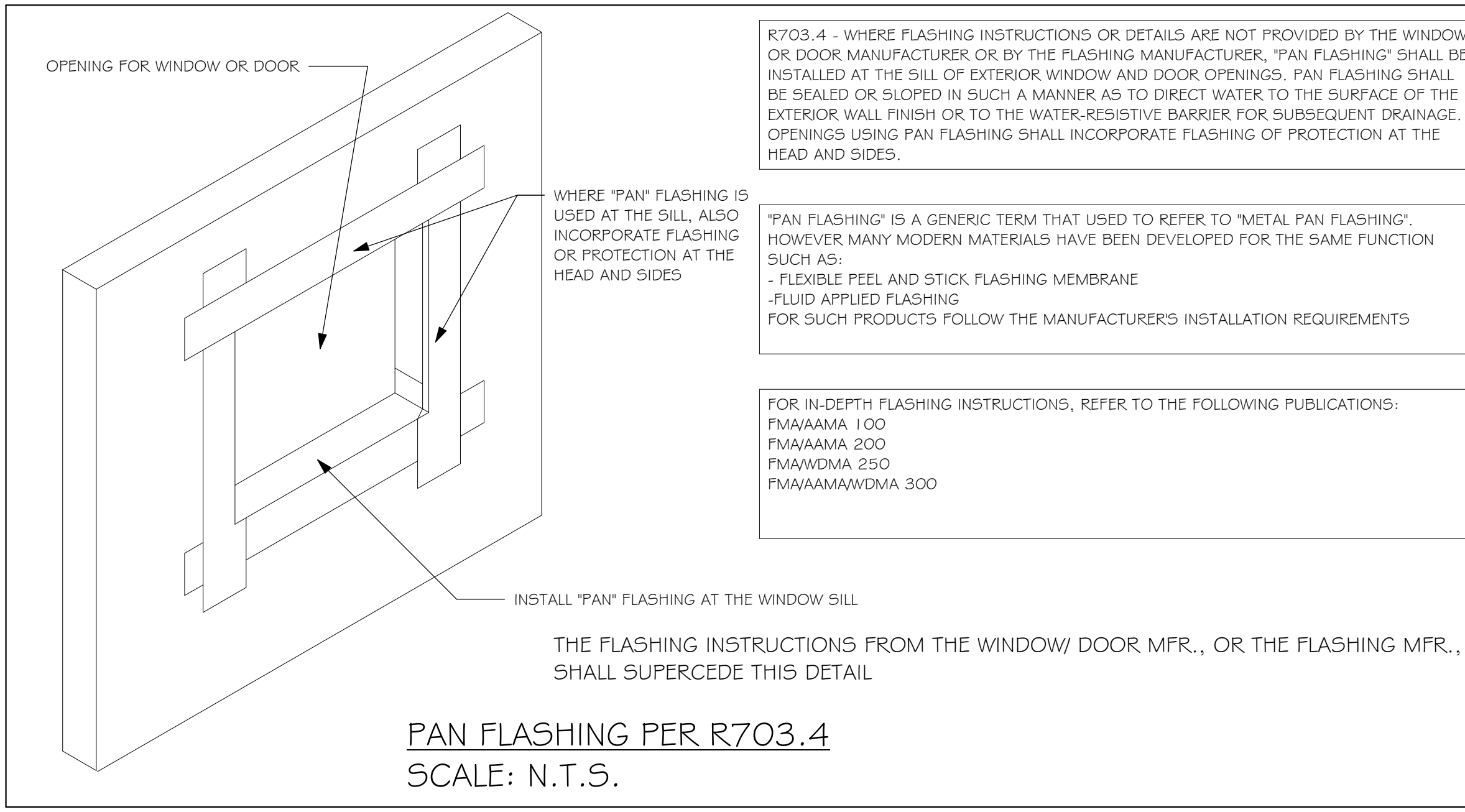
THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF R905.3 F.B.C. MARKING: EACH ROOF TILE SHALL HAVE A PERMANENT MANUFACTURER'S IDENTIFICATION MARK.

APPLICATION SPECIFICATIONS: THE TILE MANUFACTURER'S WRITTEN APPLICATION SPECIFICATIONS SHALL BE AVAILABLE AND SHALL INCLUDED BUT NOT BE LIMITED TO THE FOLLOWING:

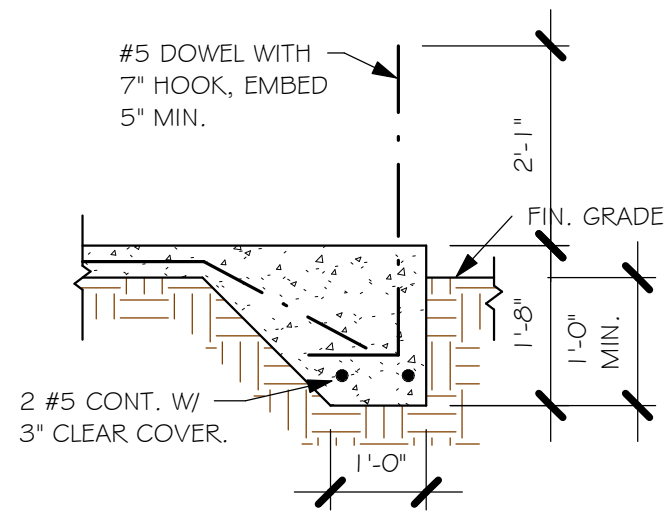
1. TILE PLACEMENT AND SPACING,
2. ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE,
- A. AMOUNT AND PLACEMENT OF MORTAR
- B. AMOUNT AND PLACEMENT OF ADHESIVE
- C. TYPE, NUMBER, SIZE AND LENGTH OF FASTENERS AND CLIPS.
3. UNDERLAYMENT
4. SLOPE REQUIREMENT.



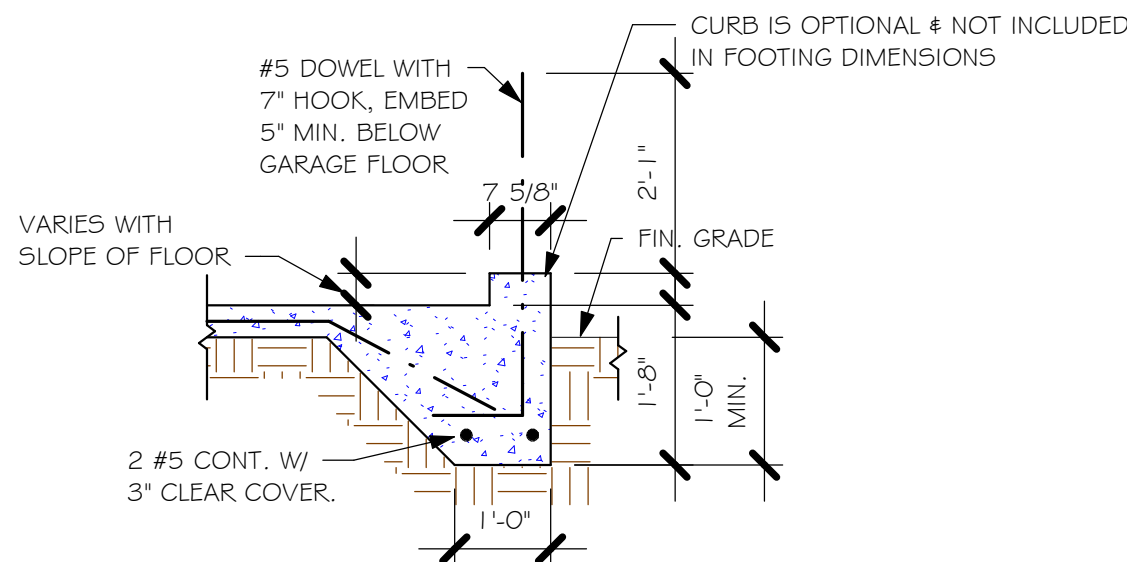
DESIGN IN ACCORDANCE WITH THE RESIDENTIAL
FLORIDA BUILDING CODE 2020 - 7TH EDITION



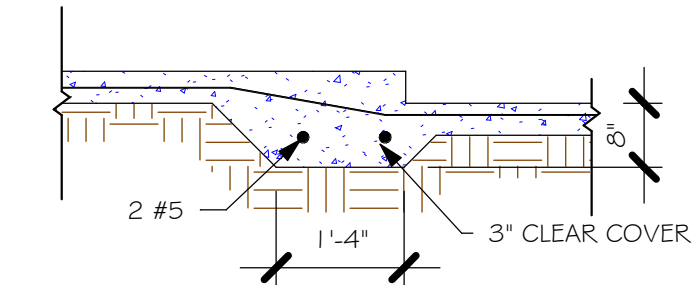
L:\O-New Data\1-MASTER 2019\2019-BUILDERS\DK HORTON 2019\SUBDIVISIONS\TOSCANA 151E5 605\13776 LOT 585 1444 BRREVIT\13776 1444 BR.rvt



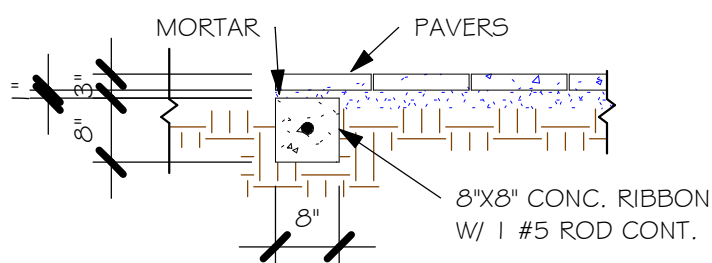
"F3" FOOTING
1/2" = 1'-0"



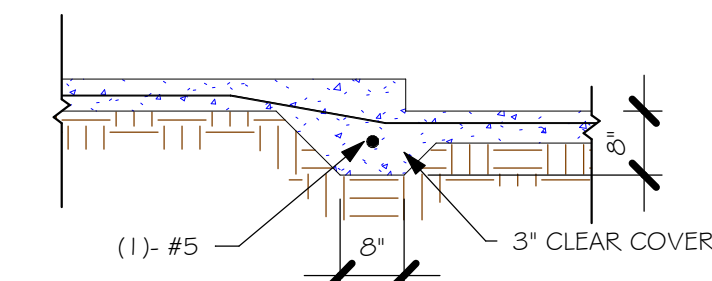
"F3" WITH CURB
1/2" = 1'-0"



"F6" STEP DOWN
1/2" = 1'-0"



"P" PAVERS DETAIL ENTRY/LANAI
1/2" = 1'-0"



"F6A" STEP DOWN
1/2" = 1'-0"

FOUNDATION PLAN

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

PLAN NOTES:

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

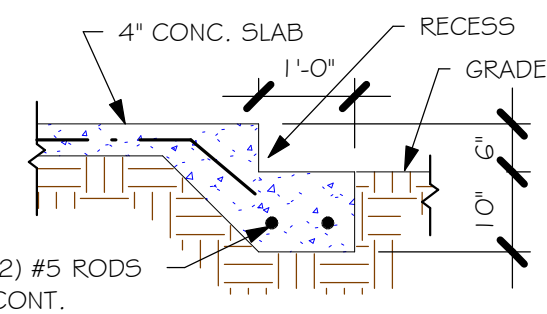
PAD FOOTING SCHEDULE

USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REIN.		REMARKS
					LONG WAY	SHORT WAY	
X	(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	-

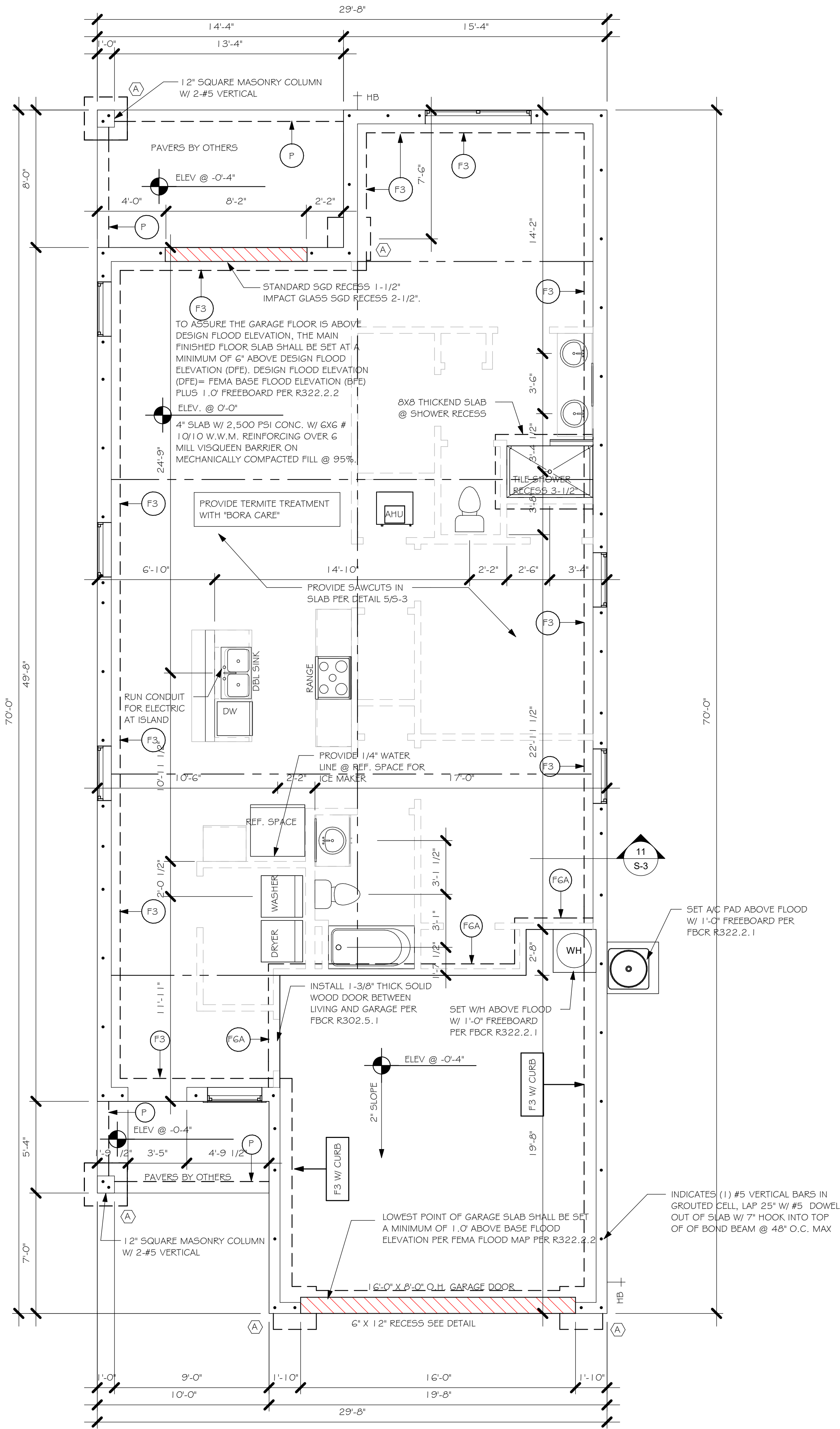
WALL FOOTING SCHEDULE

USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE
	F1	CONT.	1'-4"	0'-8"	2-#5	
	F2	CONT.	1'-8"	0'-10"	2-#5	
X	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	
X	F6A	CONT.	0'-8"	0'-8"	1-#5	
	TE	CONT.	0'-8"	0'-8"	1-#5	

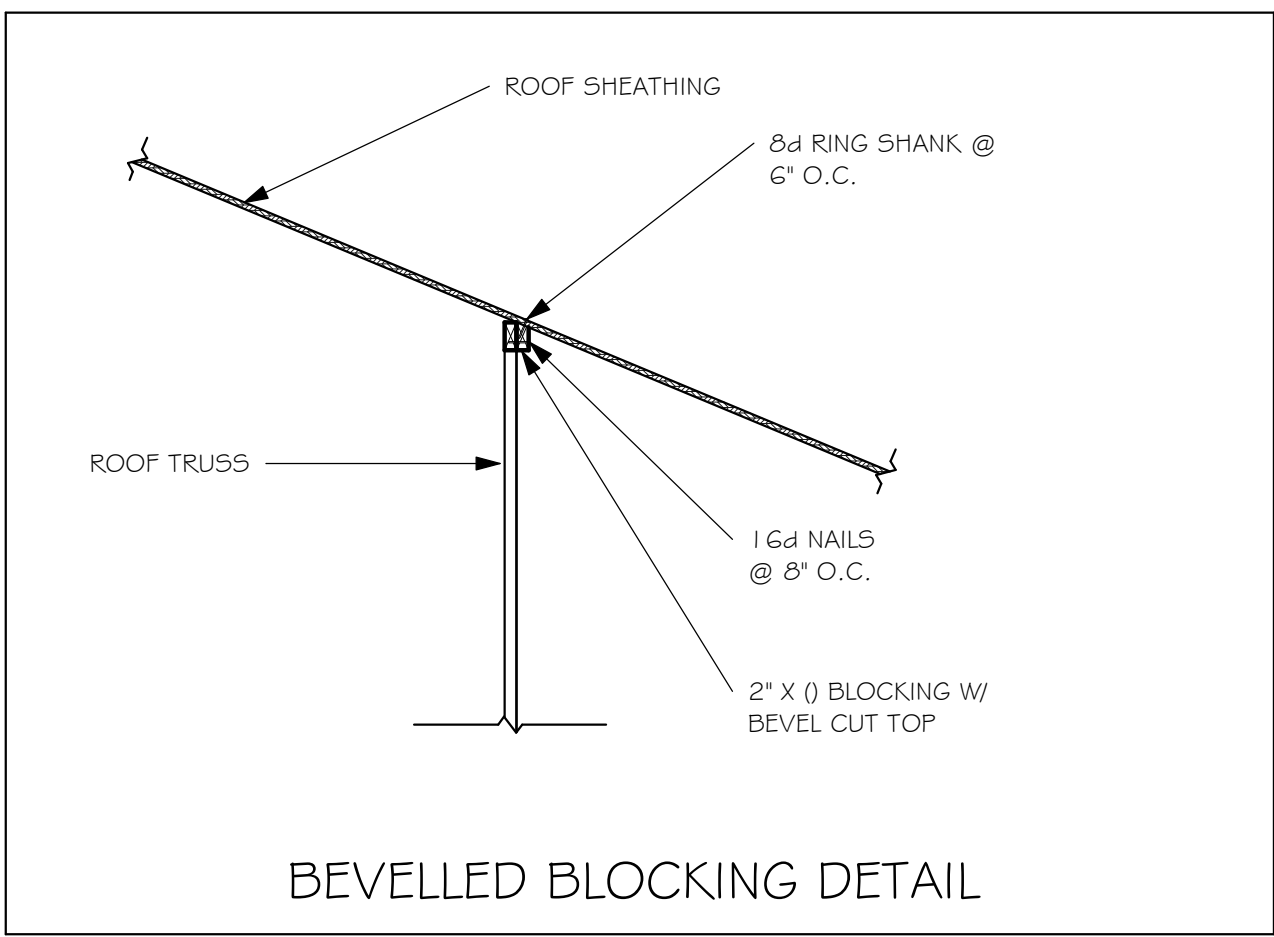
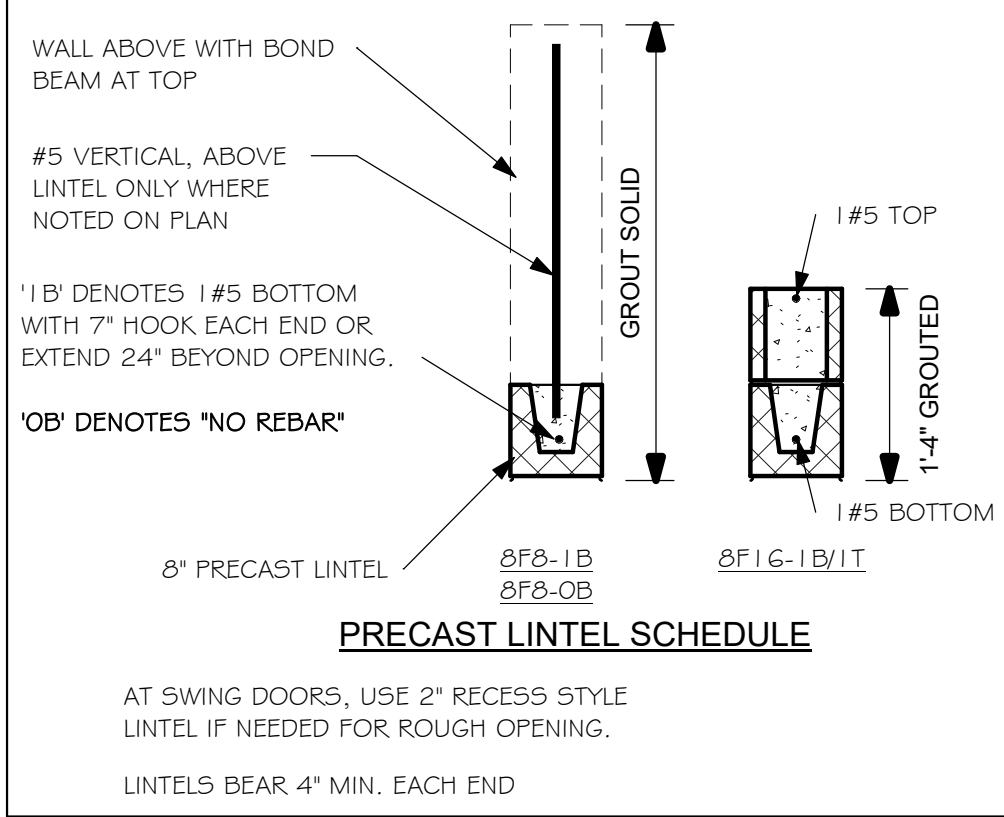
PROVIDE CORNER BARS IN FOOTING PER 6/S-3



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



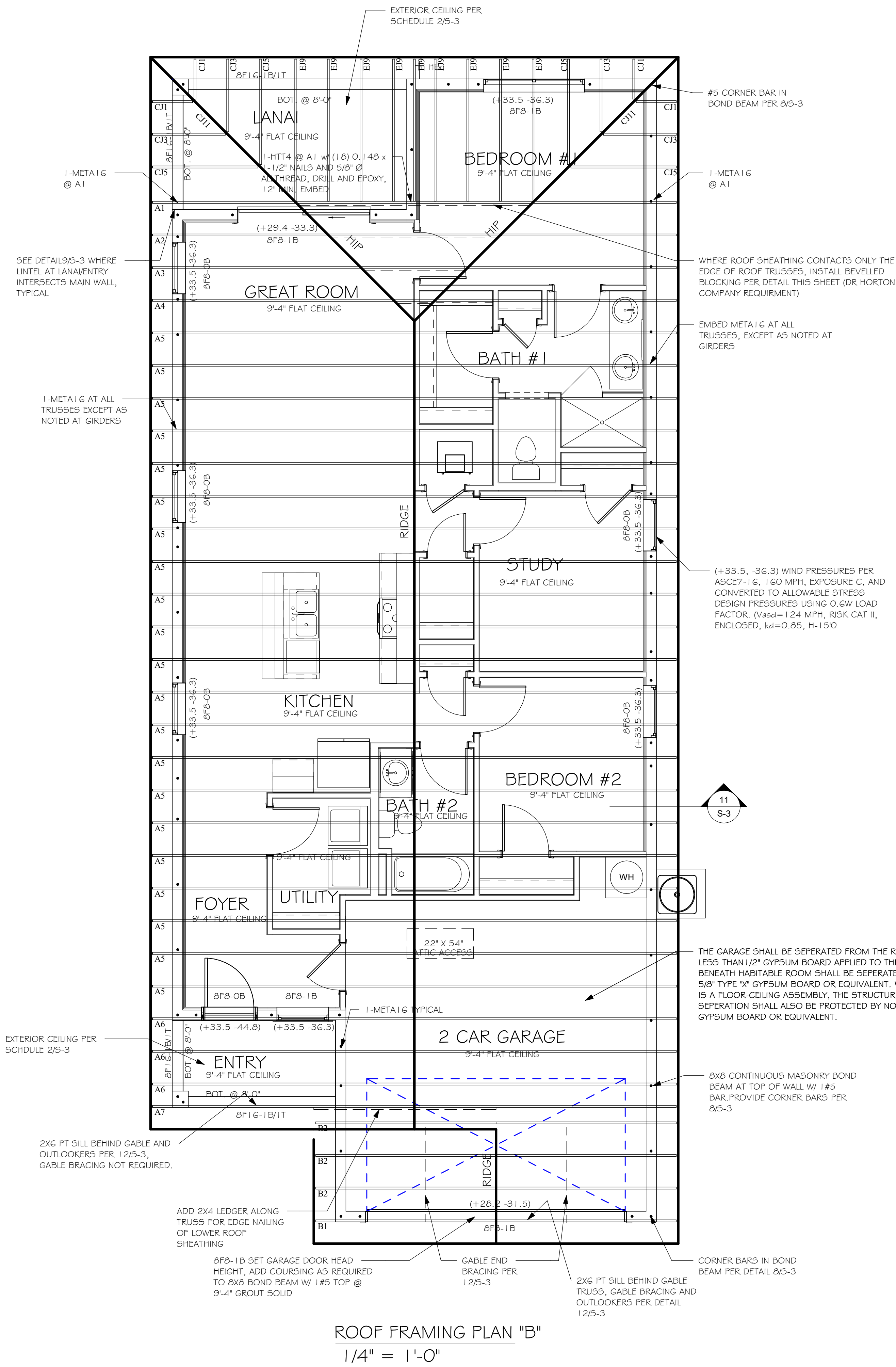
TRUSS STRAPPING TO STUDWALL/ WOOD BEAM			
MAX TRUSS UPLIFT (LBS)	STRAP(S) Valid lengths x/y/x	FASTENER	
▶ 850	(1) MTS 1/620/3/0	(1) 4" 0.148x1-1/2" or 3"	
1700	(2) MTS 1/620/3/0	EACH STRAP	
2550	(3) MTS 1/620/3/0		
1125	(1) HTS20/24/3/0	(1) 4" 0.148x1-1/2"	
2250	(2) HTS20/24/3/0	OR	
3375	(3) HTS20/24/3/0	(2) 0.148x3"	
4500	(4) HTS20/24/3/0	EACH STRAP	



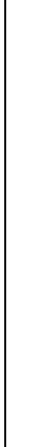
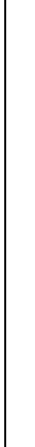
1. ROOF AND FLOOR TRUSS BEARING ELEVATION VARIES, SEE LEGEND.
2. ROOF AND FLOOR FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-3.
3. PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
4. FOR NAILING OF ROOF AND FLOOR DECK, SEE 1 AND 2 ON S-3.
5. **DBS-1B** etc., DENOTES PRECAST LINTEL ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
6. AT TRUSS BEARING, PROVIDE **6x6** MASONRY BOND BEAM W/ #5 CONTINUOUS, SEE DETAIL 11/5-3.



TRUSS BEARING CONDITIONS AND
STRAPPING IS BASED ON TRUSS LAYOUT
PREPARED BY BUILDERS FIRST SOURCE
JOB# MASTER DATED: 06/30/20 REVISED:
01/22/2021



This item has been digitally signed by Derek Bergener on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

 Gulf Coast Drafting & Design, Inc. EMAIL: PLANS@GULFCOASTDRAFTING.COM PHONE: 239-546-1622 1535 SE 47TH ST. CAPE CORAL, FL 33904		 D-R-HORTON America's Builder	
LOT: 565		DATE: 1/17/12	
SUBDIVISION: TOSCANA III 40s		DRAWN BY: JSL	
ADDRESS: 255 TERAMO WAY		CHECKED BY: JWC	
D.R.H. #: 5795570060		REVISED:	
MODEL 1444		PLAN: ROOF FRAMING PLAN	
SCALE: As indicated		S-2 B	

NAIL TYPE (SECTION R803.2.3.1) — FACIA BOARD
19/32 SHEATHING

2 1/2" x 0.131" RING SHANK OR 3" x 0.120" RING SHANK (PER ASTM F1667 RSRS-03 & 04)
--



7 MATERIAL IS SIMPLY A SPACER AND MAY BE 1x4 OR 1x6 OR OMITTED ENTIRELY AND THE SPACER MAY BE TACKED IN PLACE WITH MASONRY NAILS OR PINS.

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.

NOTE: EXTERIOR CEILINGS SPECIFIED ABOVE MEET THE DESIGN WIND PRESSURES PER R703.1.2





3



SCALE: NTS

CORNER BARS
SCALE: NTS



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 gauge nails with 7/16" head (roofing nails) at 7" oc, or 1-1/2" long, 16 gauge 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 1st layer).

FOR BUILDERS FIRST SOURCE TRUSSES, MODEL: 1444, ELEVATION B, JOB # MASTER, DATED: 06/30/20, REVISED: 01/22/21



Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.

RE: 1444_B_160_C_2020 -

MiTek USA, Inc.
6904 Parke East Blvd.
Tampa, FL 33610-4115

Site Information:

Customer Info: DR Horton Project Name: 1444 B 160 C 2020 Model: 1444
Lot/Block: MASTER Subdivision: MASTER
Address: MASTER, N/A
City: MASTER State: Florida

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name: License #:
Address: State:
City:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2020/TPI2014 Design Program: MiTek 20/20 8.4
Wind Code: N/A Wind Speed: 160 mph
Roof Load: 50.0 psf Floor Load: N/A psf

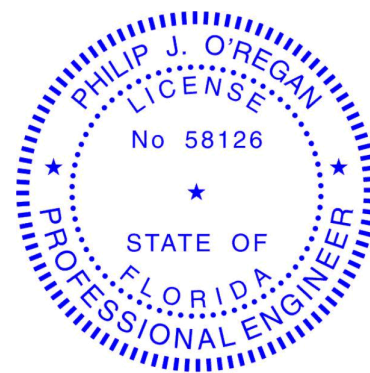
This package includes 14 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date
1	T22568849	A1	1/25/21
2	T22568850	A2	1/25/21
3	T22568851	A3	1/25/21
4	T22568852	A4	1/25/21
5	T22568853	A6	1/25/21
6	T22568854	A7	1/25/21
7	T22568855	A08	1/25/21
8	T22568856	B1	1/25/21
9	T22568857	B2	1/25/21
10	T22568858	CJ1	1/25/21
11	T22568859	CJ3	1/25/21
12	T22568860	CJ5	1/25/21
13	T22568861	CJ11	1/25/21
14	T22568862	EJ9	1/25/21

This item has been electronically signed and sealed by O'Regan, Philip, PE using a Digital Signature.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies

The truss drawing(s) referenced above have been prepared by
MiTek USA, Inc. under my direct supervision based on the parameters
provided by Builders FirstSource (Punta Gorda, FL).

Truss Design Engineer's Name: O'Regan, Philip
My license renewal date for the state of Florida is February 28, 2021.



Philip J. O'Regan PE No. 58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

January 25, 2021

O'Regan, Philip

1 of 1

Job	Truss	Truss Type	Qty	Ply	T22568849
1444_B_160_C_2020	A1	Hip Girder	1	1	
Job Reference (optional)					

Builders FirstSource (Punta Gorda, FL),
Punta Gorda, FL - 33950,
8.430 s Nov 30 2020 MiTek Industries, Inc.
Fri Jan 22 10:19:14 2021
Page 1
ID:z8fDIIDUtzcAQZ7eytnzPlz2SFo-GeryRhy_Cy1V3coX6cmGfggnNSNh?IFUoyg0Hbzsqfx

4-8-2

8-8-8

12-3-8

12-5-8

15-11-8

16-0-8

19-7-8

23-4-8

27-4-14

32-1-0

4-8-2

4-0-6

3-7-0

0-2-0

3-6-0

0-1-0

3-7-0

3-9-0

4-0-6

4-8-2

Scale = 1:54.0

1-2-8	4-8-2	8-8-8	12-3-8	12-5-8	15-10-8	16-0-8	19-7-8	23-4-8	27-4-14	30-10-8	32-1-0
1-2-8	3-5-10	4-0-6	3-7-0	0-2-0	3-5-0	0-2-0	3-7-0	3-9-0	4-0-6	3-5-10	1-2-8
Plate Offsets (X,Y)-- [1:0-0-8,1-10-11], [1:0-2-1,Edge], [3:0-5-12,0-2-8], [7:0-5-12,0-2-8], [9:0-0-8,1-10-11], [9:0-2-1,Edge], [11:0-3-8,0-4-0], [12:0-5-0,0-4-8], [13:0-5-0,0-4-8], [14:0-5-0,0-4-8], [15:0-3-8,0-4-0]											
LOADING (psf)			SPACING-			CSI.			DEFL.		
TCLL	20.0		2-0-0			TC	0.76		in (loc)	l/defl	L/d
TCDL	20.0		Plate Grip DOL	1.25		BC	0.63		0.07	15-16	>999
BCLL	0.0 *		Lumber DOL	1.25		WB	0.79		-0.09	15-16	>999
BCDL	10.0		Rep Stress Incr	NO		Matrix-S			0.04	9	n/a
			Code FBC2020/TPI2014								
									PLATES		
									MT20		
									MT20HS		
									Weight: 213 lb		
									FT = 20%		

LUMBER-			BRACING-		
TOP CHORD	2x4 SP No.2		TOP CHORD	Structural wood sheathing directly applied or 3-11-8 oc purlins.	
BOT CHORD	2x6 SP No.2		BOT CHORD	Rigid ceiling directly applied or 7-8-7 oc bracing.	
WEBS	2x4 SP No.3 *Except*				
	5-13,4-13,6-13: 2x6 SP No.2				

WEDGE
Left: 2x8 SP 2400F 2.0E , Right: 2x8 SP 2400F 2.0E

"Special" indicates special hanger(s) or other connection device(s) required at location(s) shown. The design/selection of such special connection device(s) is the responsibility of others. This applies to all applicable truss designs in this job.

REACTIONS.		(size)	13=0-8-0, 1=0-8-0, 9=0-8-0
		Max Horz	1=122(LC 7)
		Max Uplift	13=-2291(LC 8), 1=-546(LC 8), 9=-310(LC 8)
		Max Grav	13=5120(LC 1), 1=950(LC 17), 9=950(LC 18)

FORCES.		(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	1-2=-1929/1045, 2-3=-1426/735, 4-5=-844/1993, 5-6=-844/1993, 7-8=-1426/540, 8-9=-1929/640	
BOT CHORD	1-16=-901/1710, 15-16=-901/1710, 14-15=-576/1305, 13-14=-262/140, 11-12=-369/1305, 10-11=-530/1710, 9-10=-530/1710	
WEBS	2-15=-507/421, 3-15=-648/1285, 3-14=-1645/822, 6-12=-620/1641, 7-12=-1645/740, 7-11=-517/1285, 8-11=-600/211, 4-14=-746/1641, 5-13=-427/253, 4-13=-2907/1396, 6-13=-2907/1218	

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=160mph (3-second gust) Vasd=124mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=70ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60
- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- Provide adequate drainage to prevent water ponding.
- All plates are MT20 plates unless otherwise indicated.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=2291, 1=546, 9=310.

This item has been electronically signed and sealed by ORegan, Philip, PE using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 25,2021

Continued on page 2

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component

6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	T22568849
1444_B_160_C_2020	A1	Hip Girder	1	1	Job Reference (optional)

- NOTES-**
- 9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 75 lb down and 114 lb up at 8-8-8, 56 lb down and 107 lb up at 10-9-4, 56 lb down and 107 lb up at 12-9-4, 56 lb down and 107 lb up at 14-9-4, 56 lb down and 107 lb up at 16-0-8, 56 lb down and 107 lb up at 17-3-12, 56 lb down and 107 lb up at 19-3-12, and 56 lb down and 107 lb up at 21-3-12, and 75 lb down and 114 lb up at 23-4-8 on top chord, and 885 lb down and 364 lb up at 8-8-8, 259 lb down and 63 lb up at 10-9-4, 259 lb down and 63 lb up at 12-9-4, 259 lb down and 63 lb up at 14-9-4, 259 lb down and 102 lb up at 17-3-12, 259 lb down and 102 lb up at 19-3-12, and 259 lb down and 102 lb up at 21-3-12, and 885 lb down and 457 lb up at 23-3-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
- Uniform Loads (plf)
- Vert: 1-3=-80, 3-7=-80, 7-9=-80, 1-9=-20
- Concentrated Loads (lb)
- Vert: 3=-56(B) 7=-56(B) 15=-885(B) 11=-885(B) 5=-56(B) 17=-56(B) 18=-56(B) 19=-56(B) 22=-56(B) 23=-56(B) 24=-56(B) 25=-259(B) 26=-259(B) 27=-259(B) 28=-259(B) 29=-259(B) 30=-259(B)

Job	Truss	Truss Type	Qty	Ply	T22568850
1444_B_160_C_2020	A2	Hip	2	1	

Builders FirstSource (Punta Gorda, FL),
Punta Gorda, FL - 33950,

8.430 s Nov 30 2020 MiTek Industries, Inc.
Fri Jan 22 10:19:17 2021
Page 1

ID:z8fDIIDutzcAQZ7eytnzPlz2SFo-gDW43j_tvTP4w3X6nkZjHIIJ3fK?CDHwUwvguwzsqfu

5-8-2

5-8-2

10-8-8

5-0-6

16-0-8

5-4-0

21-4-8

5-4-0

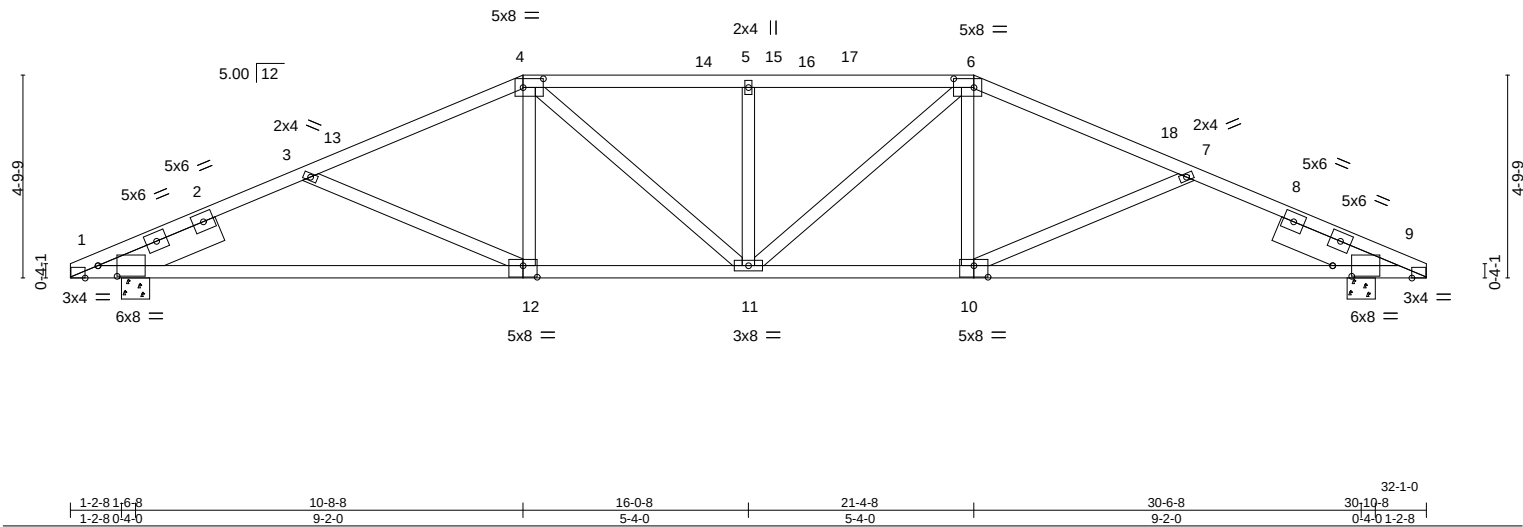
26-4-14

5-0-6

32-1-0

5-8-2

Scale = 1:54.5



1-2-8 1/6-8 1-2-8 0 4-0	10-8-8 9-2-0	16-0-8 5-4-0	21-4-8 5-4-0	30-6-8 9-2-0	32-1-0 30 1/4-8 0 4-0 1-2-8
Plate Offsets (X, Y)-- [1:0-3-10,Edge], [1:0-5-7,0-3-0], [4:0-5-12,0-2-8], [6:0-5-12,0-2-8], [9:1-10-8,Edge], [9:0-5-7,0-3-0], [10:0-4-0,0-3-4], [12:0-4-0,0-3-4]					
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	PLATES
TCLL 20.0	Plate Grip DOL	1.25	TC 0.66	in (loc) l/defl L/d	MT20
TCDL 20.0	Lumber DOL	1.25	BC 0.91	Vert(LL) -0.29 9-10 >999 240	GRIP
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.32	Vert(CT) -0.65 9-10 >579 180	244/190
BCDL 10.0	Code FBC2020/TPI2014		Matrix-S	Horz(CT) 0.12 9 n/a n/a	
					Weight: 172 lb FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 2-7-13 oc purlins.
BOT CHORD 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 5-11-0 oc bracing.
WEBS 2x4 SP No.3	
SLIDER Left 2x8 SP 2400F 2.0E -t 3-0-0, Right 2x8 SP 2400F 2.0E -t 3-0-0	

REACTIONS.	(size) 1=0-8-0, 9=0-8-0
	Max Horz 1=-153(LC 10)
	Max Uplift 1=-465(LC 12), 9=-465(LC 12)
	Max Grav 1=1571(LC 1), 9=1571(LC 1)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	1-3=-3240/1248, 3-4=-2764/1024, 4-5=-2778/1146, 5-6=-2778/1146, 6-7=-2764/1024, 7-9=-3240/1248
BOT CHORD	1-12=-1066/2907, 11-12=-734/2487, 10-11=-730/2487, 9-10=-1063/2907
WEBS	3-12=-511/363, 4-12=-23/495, 4-11=-201/497, 5-11=-469/269, 6-11=-201/497, 6-10=-23/495, 7-10=-512/363

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=160mph (3-second gust) Vasd=124mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=70ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-4-0 to 3-4-0, Interior(1) 3-4-0 to 10-8-8, Exterior(2R) 10-8-8 to 14-11-7, Interior(1) 14-11-7 to 21-4-8, Exterior(2R) 21-4-8 to 25-7-7, Interior(1) 25-7-7 to 31-9-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=465, 9=465.

This item has been electronically signed and sealed by ORegan, Philip, PE using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 25,2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.

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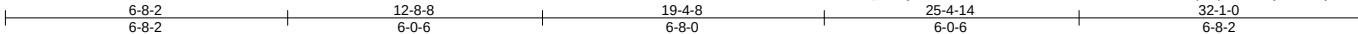
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	T22568851
1444_B_160_C_2020	A3	Hip	2	1	

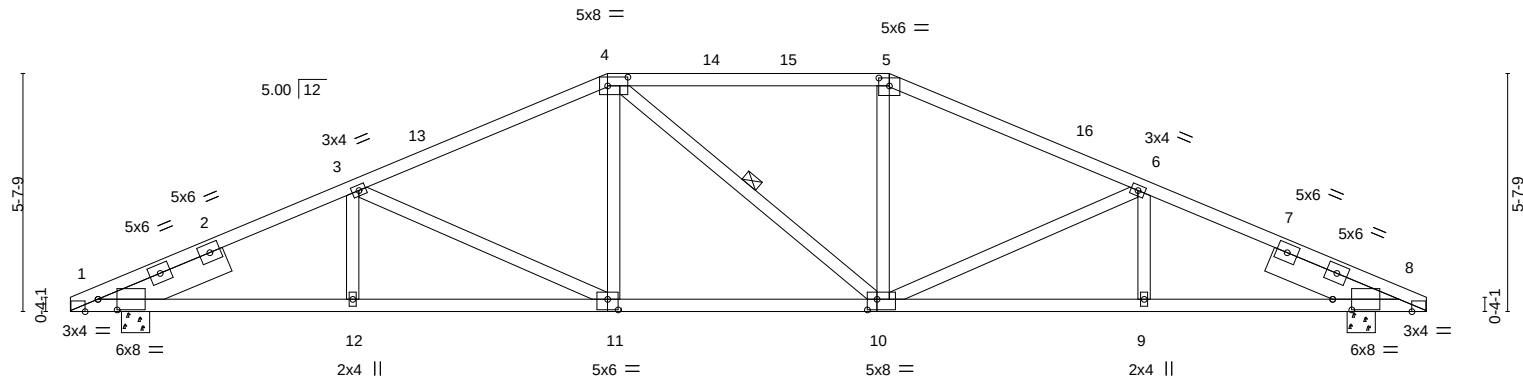
Builders FirstSource (Punta Gorda, FL), Punta Gorda, FL - 33950,

8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Jan 22 10:19:18 2021 Page 1

ID:z8fDIIIDutZCAQZ7eytnzPlz2SFo-8P4TH3?VGAXxYD6ILSqCqWrSA3jUxbz4jaeEQMzsqft



Scale = 1:54.5



1-2-8 1/2 6-8	6-8-2	12-8-8	19-4-8	25-4-14	30-6-8	32-1-0
1-2-8 0 4-0	5-1-10	6-0-6	6-8-0	6-0-6	5-1-10	0 4-0 1-2-8

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.83	Vert(LL) 0.16 11 >999 240	MT20	244/190
TCDL 20.0	Lumber DOL 1.25	BC 0.76	Vert(CT) -0.33 10-11 >999 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.68	Horz(CT) 0.14 8 n/a n/a		
BCDL 10.0	Code FBC2020/TPI2014	Matrix-S		Weight: 172 lb	FT = 20%

LUMBER-	
TOP CHORD	2x4 SP No.2 *Except* 4-5: 2x4 SP No.1
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x8 SP 2400F 2.0E -t 3-2-4, Right 2x8 SP 2400F 2.0E -t 3-2-4

BRACING-	
TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 5-11-3 oc bracing.
WEBS	1 Row at midpt 4-10

REACTIONS.	(size) 1=0-8-0, 8=0-8-0
	Max Horz 1=181(LC 11)
	Max Uplift 1=-465(LC 12), 8=-465(LC 12)
	Max Grav 1=1571(LC 1), 8=1571(LC 1)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	1-3=-3254/1169, 3-4=-2525/992, 4-5=-2257/982, 5-6=-2515/989, 6-8=-3254/1168
BOT CHORD	1-12=-984/2910, 11-12=-984/2910, 10-11=-671/2254, 9-10=-981/2910, 8-9=-981/2910
WEBS	3-12=0/257, 3-11=-779/347, 4-11=-73/490, 5-10=-77/491, 6-10=-787/349, 6-9=0/259

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=160mph (3-second gust) Vasd=124mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=70ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-4-0 to 3-4-0, Interior(1) 3-4-0 to 12-8-8, Exterior(2R) 12-8-8 to 16-11-7, Interior(1) 16-11-7 to 19-4-8, Exterior(2R) 19-4-8 to 23-7-7, Interior(1) 23-7-7 to 31-9-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=465, 8=465.

This item has been electronically signed and sealed by O'Regan, Philip, PE using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 25,2021

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ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component



6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	T22568852
1444_B_160_C_2020	A4	Hip	2	1	

Builders FirstSource (Punta Gorda, FL),
Punta Gorda, FL - 33950,

8.430 s Nov 30 2020 MiTek Industries, Inc.
Fri Jan 22 10:19:20 2021
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7-8-2
7-8-2

14-8-8
7-0-6

17-4-8
2-8-0

24-4-14
7-0-6

32-1-0
7-8-2

Scale = 1:55.9

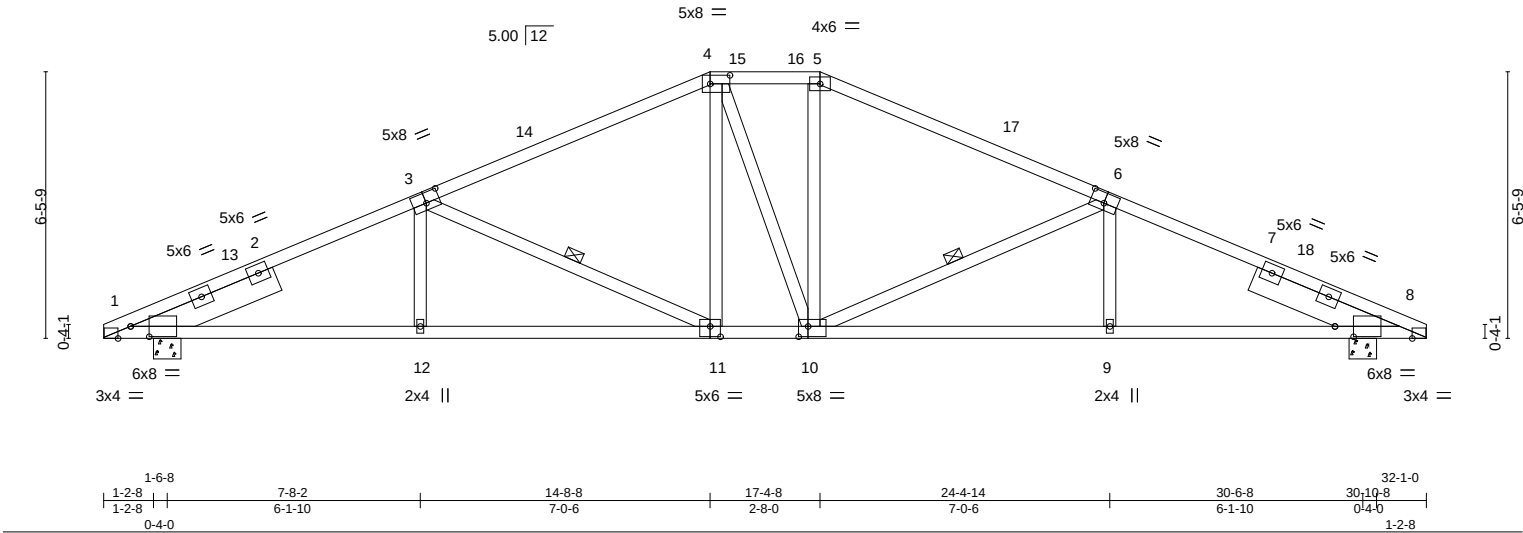


Plate Offsets (X,Y)--	[1:0-3-10,Edge], [1:0-5-7,0-3-0], [3:0-4-0,0-3-0], [4:0-5-12,0-2-8], [6:0-4-0,0-3-0], [8:1-10-8,Edge], [8:0-5-7,0-3-0], [10:0-2-12,0-3-0], [11:0-3-0,0-3-0]									
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 20.0	Plate Grip DOL	1.25	TC 0.99	Vert(LL)	0.16 11-12	>999	240	MT20	244/190	
TCDL 20.0	Lumber DOL	1.25	BC 0.87	Vert(CT)	-0.35 11-12	>999	180			
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.33	Horz(CT)	0.14 8	n/a	n/a			
BCDL 10.0	Code FBC2020/TPI2014		Matrix-S					Weight: 180 lb	FT = 20%	

LUMBER-	BRACING-	
TOP CHORD 2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD 2x4 SP No.2	BOT CHORD	Rigid ceiling directly applied or 6-0-12 oc bracing.
WEBS 2x4 SP No.3	WEBS	1 Row at midpt 3-11, 6-10
SLIDER Left 2x8 SP 2400F 2.0E -t 3-8-12, Right 2x8 SP 2400F 2.0E -t 3-8-12		

REACTIONS.	(size) 1=0-8-0, 8=0-8-0
	Max Horz 1=210(LC 11)
	Max Uplift 1=-465(LC 12), 8=-465(LC 12)
	Max Grav 1=1571(LC 1), 8=1571(LC 1)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	1-3=-3199/1123, 3-4=-2291/909, 4-5=-2019/910, 5-6=-2282/906, 6-8=-3199/1122
BOT CHORD	1-12=-932/2856, 11-12=-935/2852, 10-11=-553/2016, 9-10=-930/2851, 8-9=-928/2855
WEBS	3-12=0/316, 3-11=-978/424, 4-11=-127/493, 5-10=-149/486, 6-10=-985/426, 6-9=0/317

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=160mph (3-second gust) Vasd=124mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=70ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-4-0 to 3-4-0, Interior(1) 3-4-0 to 14-8-8, Exterior(2E) 14-8-8 to 17-4-8, Exterior(2R) 17-4-8 to 21-7-7, Interior(1) 21-7-7 to 31-9-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=465, 8=465.

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Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

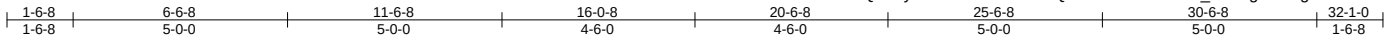
January 25,2021

Job	Truss	Truss Type	Qty	Ply	T22568853
1444_B_160_C_2020	A6	Common	3	1	

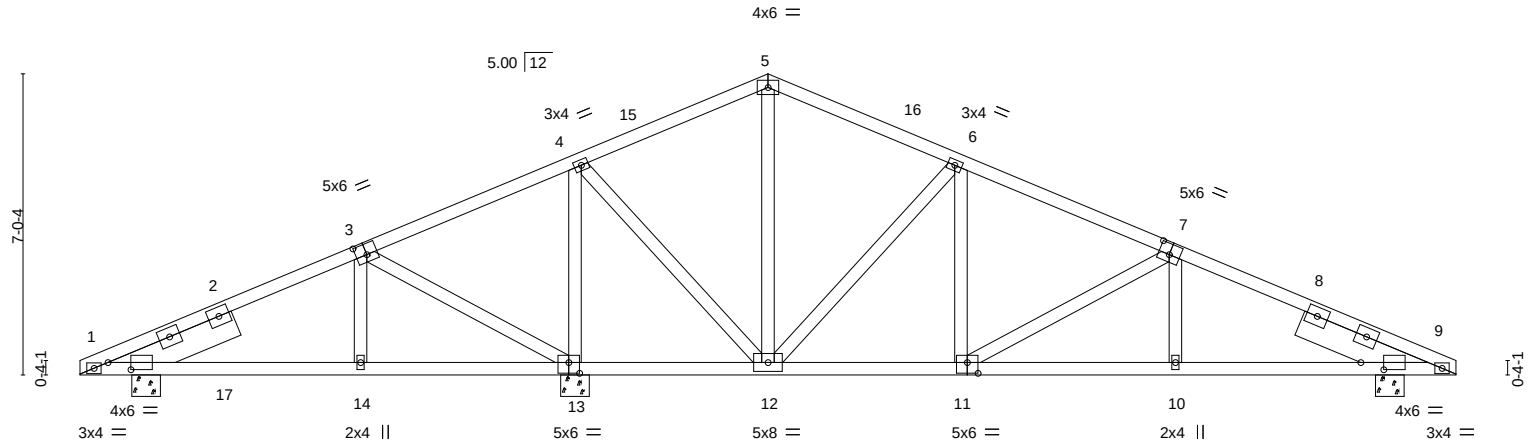
Builders FirstSource (Punta Gorda, FL), Punta Gorda, FL - 33950,

8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Jan 22 10:19:22 2021 Page 1

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Scale = 1:53.7



1-2-8 1-6-8 1-2-8 0-4-0	6-6-8 5-0-0	11-6-8 5-0-0	16-0-8 4-6-0	20-6-8 4-6-0	25-6-8 5-0-0	30-6-8 5-0-0	32-1-0 30-1-0 8 0-4-0 1-2-8
Plate Offsets (X,Y)-- [1:0-6-7,0-2-0], [3:0-3-0,0-3-0], [7:0-3-0,0-3-0], [9:0-6-7,0-2-0], [11:0-3-0,0-3-0], [13:0-3-0,0-3-0]							

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.66	Vert(LL)	0.09	1-14	>999	240	244/190
TCDL 20.0	Lumber DOL	1.25	BC 0.50	Vert(CT)	-0.11	9-10	>999	180	
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.68	Horz(CT)	0.03	9	n/a	n/a	
BCDL 10.0	Code FBC2020/TPI2014		Matrix-S						
								Weight: 184 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x8 SP 2400F 2.0E -t 3-1-6, Right 2x8 SP 2400F 2.0E -t 3-1-6

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 13=0-8-0, 1=0-8-0, 9=0-8-0
Max Horz 1=-228(LC 10)
Max Uplift 13=-824(LC 12), 1=-291(LC 12), 9=-249(LC 12)
Max Grav 13=1921(LC 1), 1=395(LC 21), 9=903(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-389/394, 3-4=-198/590, 4-5=-404/233, 5-6=-384/220, 6-7=-967/357,
7-9=-1604/492
BOT CHORD 1-14=-333/291, 13-14=-329/287, 12-13=-481/381, 11-12=-105/789, 10-11=-350/1390,
9-10=-348/1394
WEBS 6-12=-824/370, 6-11=-101/445, 7-11=-695/305, 4-12=-344/1072, 4-13=-1464/623,
3-13=-732/752, 3-14=-317/248

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=160mph (3-second gust) Vasd=124mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=70ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-4-0 to 3-4-0, Interior(1) 3-4-0 to 16-0-8, Exterior(2R) 16-0-8 to 19-0-8, Interior(1) 19-0-8 to 31-9-0 zone; cantilever left and right exposed ; porch left exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- All plates are 5x6 MT20 unless otherwise indicated.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=824, 1=291, 9=249.

This item has been electronically signed and sealed by O'Regan, Philip, PE using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 25,2021

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Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component



6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	T22568854
1444_B_160_C_2020	A7	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Punta Gorda, FL), Punta Gorda, FL - 33950,

8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Jan 22 10:19:24 2021 Page 2
ID:z8fDlIDUtzcAQZ7eytnzPlz2SFo-zZRkX64Gr0l4G8ZShxc3n5UdUkxLlwy5W5Yd0zsqfn

NOTES-

- 9) Lumber designated with a "P" is pressure-treated with preservatives. Plate lateral resistance values have been reduced 20% where used in this lumber. Plates should be protected from corrosion per the recommendation of the treatment company. Borate or other suitable treatment may be used if it does not corrode the plates. If ACQ, CBA, or CA-B treated lumber is used, improved corrosion protection is required, and G185 galvanized plates may be used with this design. Incising factors have not been considered for this design. Building designer to verify suitability of this product for its intended use.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 15, 18 except (jt=lb) 17=663, 9=348.

 **WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.**

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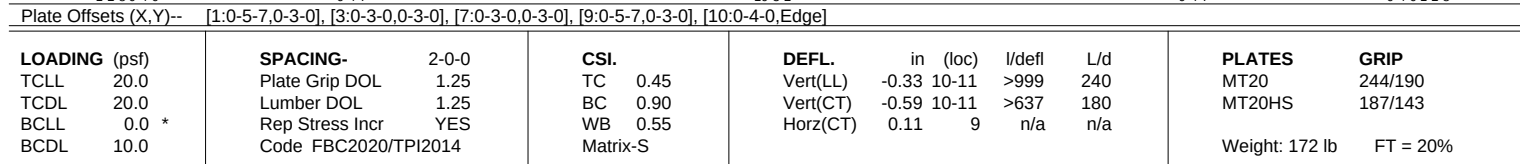
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Builders FirstSource (Punta Gorda, FL), Punta Gorda, FL - 33950, 8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Jan 22 10:19:11 2021 Page 1

ID:z8fDIIDutzcAQZ7eytnzPlz2SF0-r39ppgw6v1fwC83yQTCZ212MyFHh0Se26?SMhGzsqq_

5-9-6 10-10-15 16-0-8 21-2-1 26-3-10 32-1-0
5-9-6 5-1-9 5-1-9 5-1-9 5-1-9 5-9-6

Scale = 1:53.7



REACTIONS. (size) 1=0-8-0, 9=0-8-0
 Max Horz 1=228(LC 11)
 Max Uplift 1=-465(LC 12), 9=-465(LC 12)
 Max Grav 1=1742(LC 17), 9=1742(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-3=-3485/1204, 3-4=-3040/1009, 4-5=-3073/1145, 5-6=-3073/1145, 6-7=-3040/1009, 7-9=-3486/1204
BOT CHORD	1-11=-1001/3298, 10-11=-485/2044, 9-10=-1006/3127
WEBS	5-10=-405/1363, 6-10=-467/326, 7-10=-471/325, 5-11=-405/1363, 4-11=-468/326, 3-11=-470/325

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=160mph (3-second gust) Vasd=124mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=70ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-4-0 to 3-4-0, Interior(1) 3-4-0 to 16-0-8, Exterior(2R) 16-0-8 to 19-0-8, Interior(1) 19-0-8 to 31-9-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 4) All plates are MT20 plates unless otherwise indicated.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=465, 9=465.

Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 25, 2021

Job	Truss	Truss Type	Qty	Ply	T22568856
1444_B_160_C_2020	B1	GABLE	1	1	

Builders FirstSource (Punta Gorda, FL), Punta Gorda, FL - 33950,

8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Jan 22 10:19:27 2021 Page 1
ID: z8fDIIDutzaCQZ7eytnzPlz2SFo-N87sA8688xgf7c1MrVJhPjAXhykYpZPoUKCELzsqfk

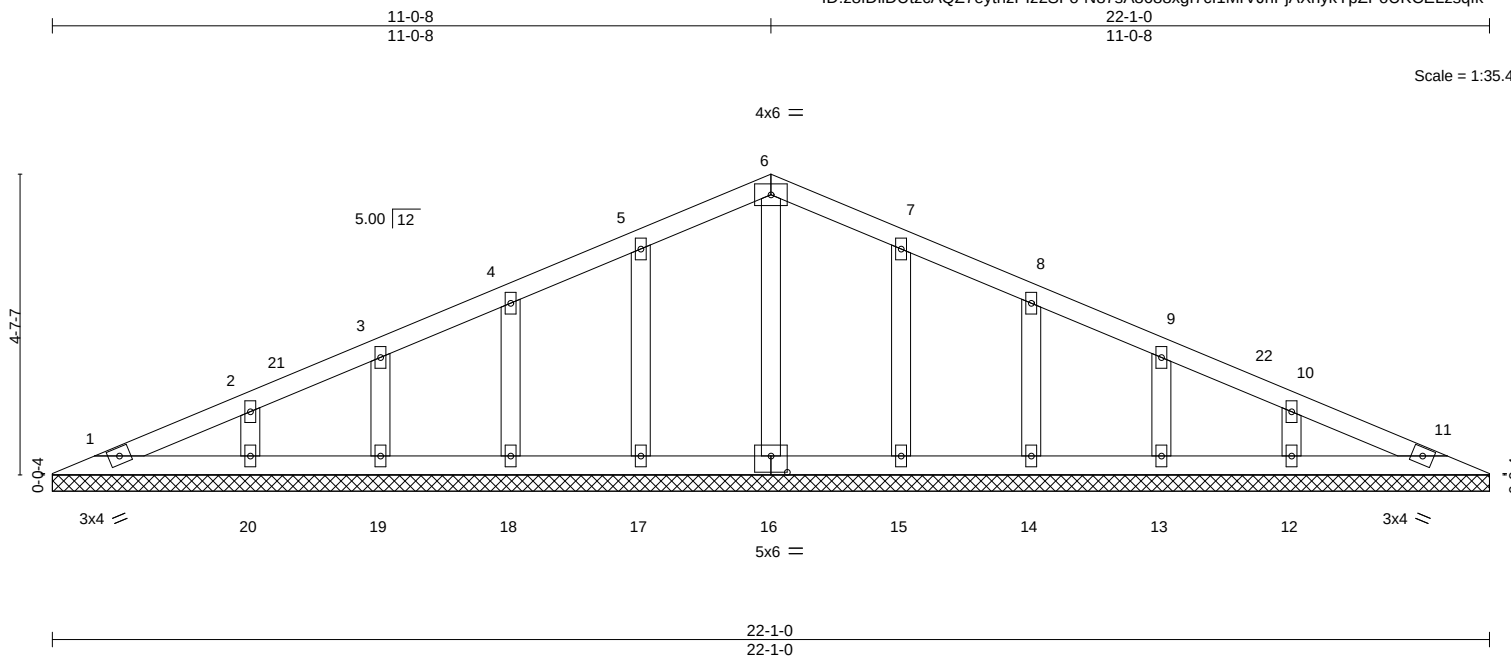


Plate Offsets (X,Y)-- [16:0-3-0-0-3-0]									
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL. in (loc) l/defl L/d		PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.09	Vert(LL)	n/a - n/a	999	MT20 244/190
TCDL	20.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	n/a - n/a	999	
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00 11 n/a	n/a	
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S					Weight: 96 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 P
OTHERS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

All bearings 22-1-0.
(lb) - Max Horz 1=147(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 11, 17, 18, 19, 20, 15, 14, 13, 12
Max Grav All reactions 250 lb or less at joint(s) 1, 11, 16, 17, 18, 19, 15, 14, 13 except 20=263(LC 17), 12=263(LC 18)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 5-6=-102/251, 6-7=-102/251
WEBS 2-20=-205/275, 10-12=-205/275

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=160mph (3-second gust) Vasd=124mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=70ft; L=30ft; eave=2ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3E) 0-8-2 to 3-8-2, Exterior(2N) 3-8-2 to 11-0-8, Corner(3R) 11-0-8 to 14-0-8, Exterior(2N) 14-0-8 to 21-4-14 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- All plates are 2x4 MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Lumber designated with a "P" is pressure-treated with preservatives. Plate lateral resistance values have been reduced 20% where used in this lumber. Plates should be protected from corrosion per the recommendation of the treatment company. Borate or other suitable treatment may be used if it does not corrode the plates. If ACQ, CBA, or CA-B treated lumber is used, improved corrosion protection is required, and G185 galvanized plates may be used with this design. Incising factors have not been considered for this design. Building designer to verify suitability of this product for its intended use.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 11, 17, 18, 19, 20, 15, 14, 13, 12.

This item has been electronically signed and sealed by O'Regan, Philip, PE using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 25,2021

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Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component



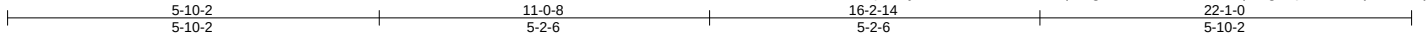
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	T22568857
1444_B_160_C_2020	B2	Common	3	1	

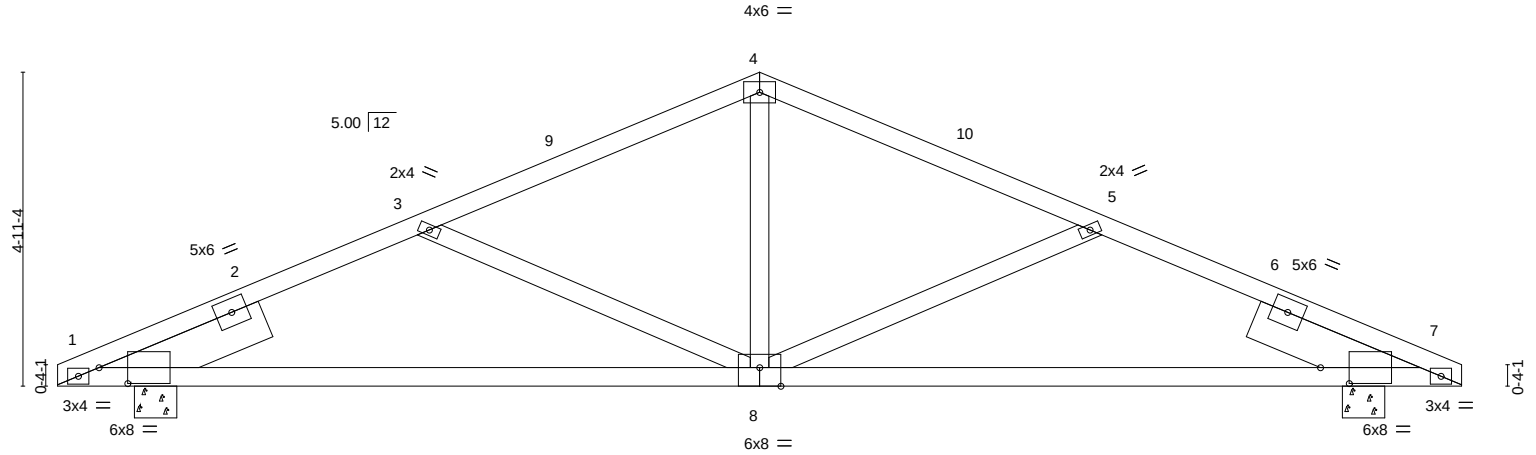
Builders FirstSource (Punta Gorda, FL), Punta Gorda, FL - 33950,

8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Jan 22 10:19:29 2021 Page 1

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Scale = 1:36.2



1-2-8 1-2-8	1-6-8 0-4-0	11-0-8 9-6-0	20-6-8 9-6-0	20-10-8 0-4-0	22-1-0 1-2-8
Plate Offsets (X,Y)-- [1:0-5-7,0-3-0], [7:0-5-7,0-3-0], [8:0-4-0,Edge]					

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.43	Vert(LL)	-0.23 1-8	>999	240	MT20	244/190
TCDL 20.0	Lumber DOL	1.25	BC 0.92	Vert(CT)	-0.49 1-8	>520	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.38	Horz(CT)	0.06 7	n/a	n/a		
BCDL 10.0	Code FBC2020/TPI2014		Matrix-S					Weight: 109 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
SLIDER Left 2x8 SP 2400F 2.0E -t 2-8-9, Right 2x8 SP 2400F 2.0E -t 2-8-9

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS. (size) 1=0-8-0, 7=0-8-0
Max Horz 1=-157(LC 10)
Max Uplift 1=-317(LC 12), 7=-317(LC 12)
Max Grav 1=1071(LC 1), 7=1071(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-2036/965, 3-4=-1508/688, 4-5=-1508/688, 5-7=-2036/965
BOT CHORD 1-8=-801/1810, 7-8=-793/1810
WEBS 4-8=-218/717, 5-8=-589/455, 3-8=-588/455

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=160mph (3-second gust) Vasd=124mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=70ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-4-0 to 3-4-0, Interior(1) 3-4-0 to 11-0-8, Exterior(2R) 11-0-8 to 14-0-8, Interior(1) 14-0-8 to 21-9-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=317, 7=317.

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Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 25,2021

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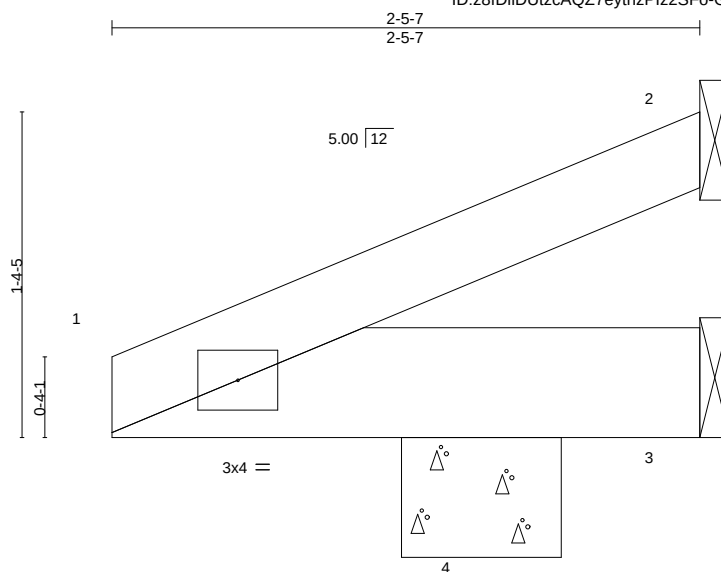
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

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ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component



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										1-10-8					2-5-7					1-10-8					0-6-15				
LOADING (psf)		SPACING- 2-0-0				CSI.		DEFL. in (loc) l/defl L/d				PLATES		GRIP															
TCLL	20.0	Plate Grip DOL 1.25				TC	0.16	Vert(LL) 0.00 4 >999 240				MT20	244/190																
TCDL	20.0	Lumber DOL 1.25				BC	0.15	Vert(CT) 0.00 4 >999 180																					
BCLL	0.0 *	Rep Stress Incr YES				WB	0.00	Horz(CT) -0.00 2 n/a n/a																					
BCDL	10.0	Code FBC2020/TPI2014				Matrix-P						Weight: 10 lb	FT = 20%																

LUMBER-
TOP CHO
BOT CHO

REACTION

FORCES.

NOTES-
1) Wind: A
II; Exp
MWFR
2) Building
to the u
3) This tru
4) * This t
will fit b
5) Refer to

TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-5-7 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(size) 2=Mechanical, 3=Mechanical, 4=0-8-0
 Max Horz 4=51(LC 12)
 Max Uplift 2=-60(LC 12), 3=-193(LC 1), 4=-185(LC 12)
 Max Grav 2=99(LC 17), 3=114(LC 12), 4=337(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

- 1) Wind: ASCE 7-16; Vult=160mph (3-second gust) Vasd=124mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=70ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 3=193, 4=185.

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Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 25, 2021



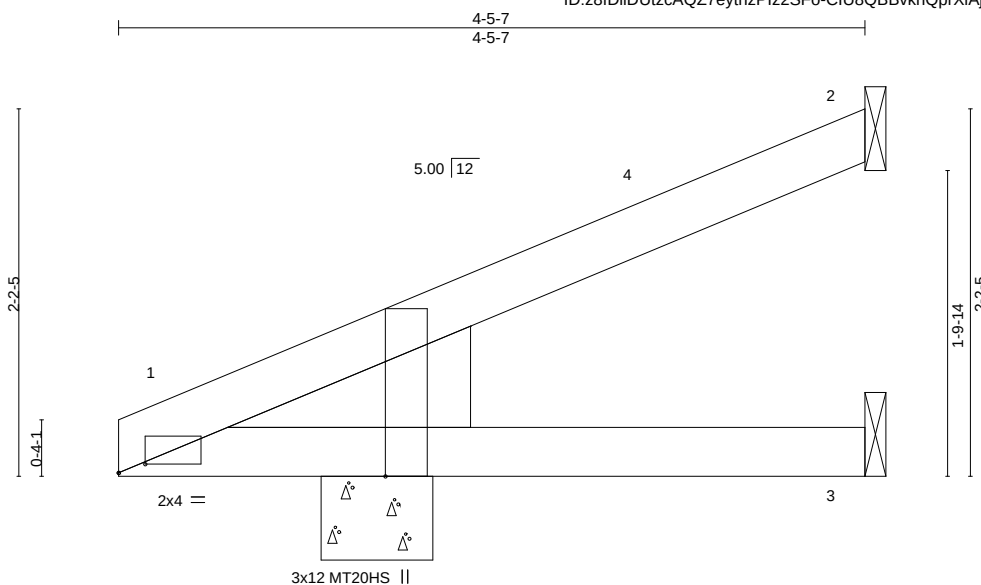
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6904 Parke East Blvd
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	T22568859
1444_B_160_C_2020	CJ3	Jack-Open	4	1	
Builders FirstSource (Punta Gorda, FL), Punta Gorda, FL - 33950,					Job Reference (optional)

8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Jan 22 10:19:33 2021 Page 1
ID: z8fDIIDutzcAQZ7eytnzPlz2SFo-CIU8QBvknQprXIAj5bjxgz496ypyXJHAQnWS?zsqfe



Scale = 1:13.7

Plate Offsets (X,Y)--	[1:0-1-14,0-0-10], [1:0-0-4,Edge]
-----------------------	-----------------------------------

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.53	Vert(LL)	-0.02	1-3	>999	240	MT20
TCDL 20.0	Lumber DOL	1.25	BC 0.20	Vert(CT)	-0.03	1-3	>999	180	MT20HS
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.00	2	n/a	n/a	
BCDL 10.0	Code FBC2020/TPI2014		Matrix-P						
Weight: 18 lb									FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x8 SP 2400F 2.0E

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-5-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=Mechanical, 3=Mechanical, 1=0-8-0
Max Horz 1=100(LC 12)
Max Uplift 2=-107(LC 12), 1=-37(LC 12)
Max Grav 2=170(LC 17), 3=81(LC 3), 1=203(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

- 1) Wind: ASCE 7-16; Vult=160mph (3-second gust) Vasd=124mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=70ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-4-0 to 3-4-0, Interior(1) 3-4-0 to 4-4-11 zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 3) All plates are MT20 plates unless otherwise indicated.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 2=107.

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Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 25,2021

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ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component



6904 Parke East Blvd.
Tampa, FL 36610

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	T22568861
1444_B_160_C_2020	CJ11	Diagonal Hip Girder	2	1	Job Reference (optional)

Builders FirstSource (Punta Gorda, FL), Punta Gorda, FL - 33950,

8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Jan 22 10:19:32 2021 Page 2
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LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
 - Uniform Loads (plf)
 - Vert: 1-4=-80, 4-5=-40, 1-6=-20
 - Concentrated Loads (lb)
 - Vert: 10=-98(F=-49, B=-49) 11=-258(F=-129, B=-129) 12=269(F=135, B=135) 13=-25(F=-12, B=-12) 14=-65(F=-32, B=-32)

Job	Truss	Truss Type	Qty	Ply	T22568862
1444_B_160_C_2020	EJ9	Jack-Partial	9	1	
Builders FirstSource (Punta Gorda, FL), Punta Gorda, FL - 33950,					Job Reference (optional)

8.430 s Nov 30 2020 MiTek Industries, Inc. Fri Jan 22 10:19:35 2021 Page 1
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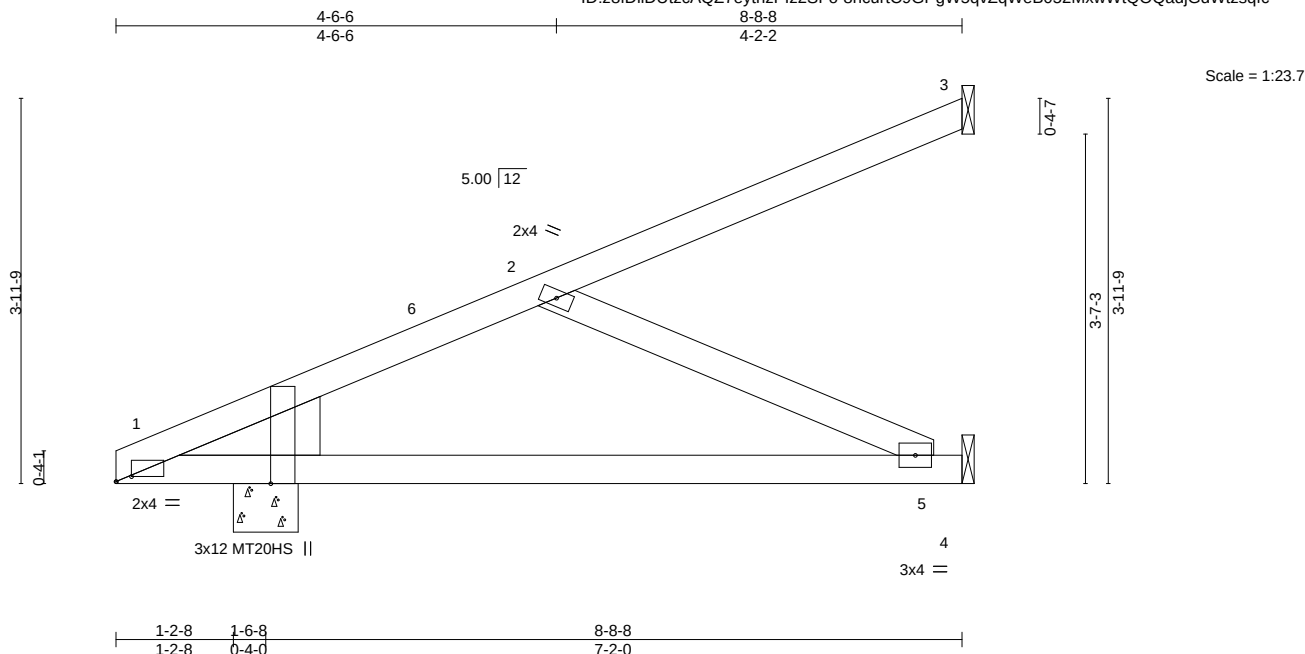


Plate Offsets (X,Y)-- [1:0-1-14,0-0-10], [1:0-0-4,Edge]												
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL. in (loc) l/defl L/d				PLATES GRIP		
TCLL	20.0	Plate Grip DOL	1.25	TC	0.83	Vert(LL)	-0.25	1-5	>399	240	MT20	244/190
TCDL	20.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.52	1-5	>192	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P							Weight: 38 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
WEDGE
Left: 2x8 SP 2400F 2.0E

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-1-12 oc bracing.

REACTIONS.

(size) 3=Mechanical, 4=Mechanical, 1=0-8-0
Max Horz 1=195(LC 12)
Max Uplift 3=-84(LC 12), 4=-82(LC 12), 1=-80(LC 12)
Max Grav 3=142(LC 17), 4=289(LC 17), 1=416(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 1-2=-528/316
BOT CHORD 1-5=-558/498
WEBS 2-5=-547/612

NOTES-

- 1) Wind: ASCE 7-16; Vult=160mph (3-second gust) Vasd=124mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=70ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-4-0 to 3-4-0, Interior(1) 3-4-0 to 8-7-12 zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 3) All plates are MT20 plates unless otherwise indicated.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4, 1.

This item has been electronically signed and sealed by O'Regan, Philip, PE using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 25,2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

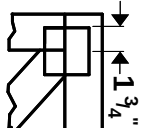
ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component



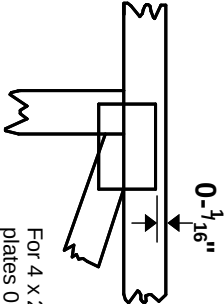
6904 Parke East Blvd.
Tampa, FL 36610

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless X, Y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- $\frac{3}{16}$ " from outside edge of truss.

— This symbol indicates the required direction of slots in connector plates.

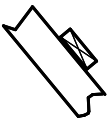
*** Plate location details available in MITek 20120 software or upon request.**

PLATE SIZE

4 X 4

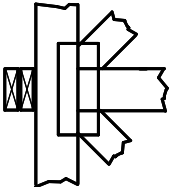
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING



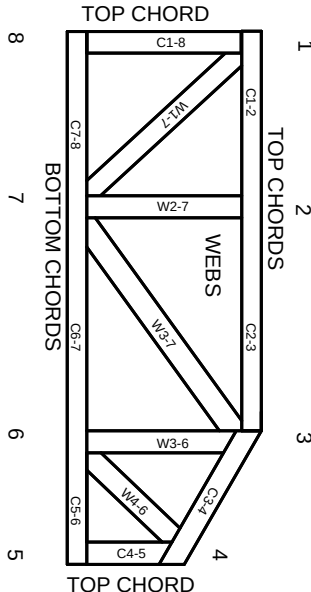
Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TP1.1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System

6-4-8 dimensions shown in ft-in-sixteenths (Drawings not to scale)



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TP1 1 section 6.3 These truss designs rely on lumber values established by others.

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MITek Engineering Reference Sheet: MII-7473 rev. 5/19/2020



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T or I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TP1 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TP1 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TP1 1 Quality Criteria.
21. The design does not take into account any dynamic or other loads other than those expressly stated.