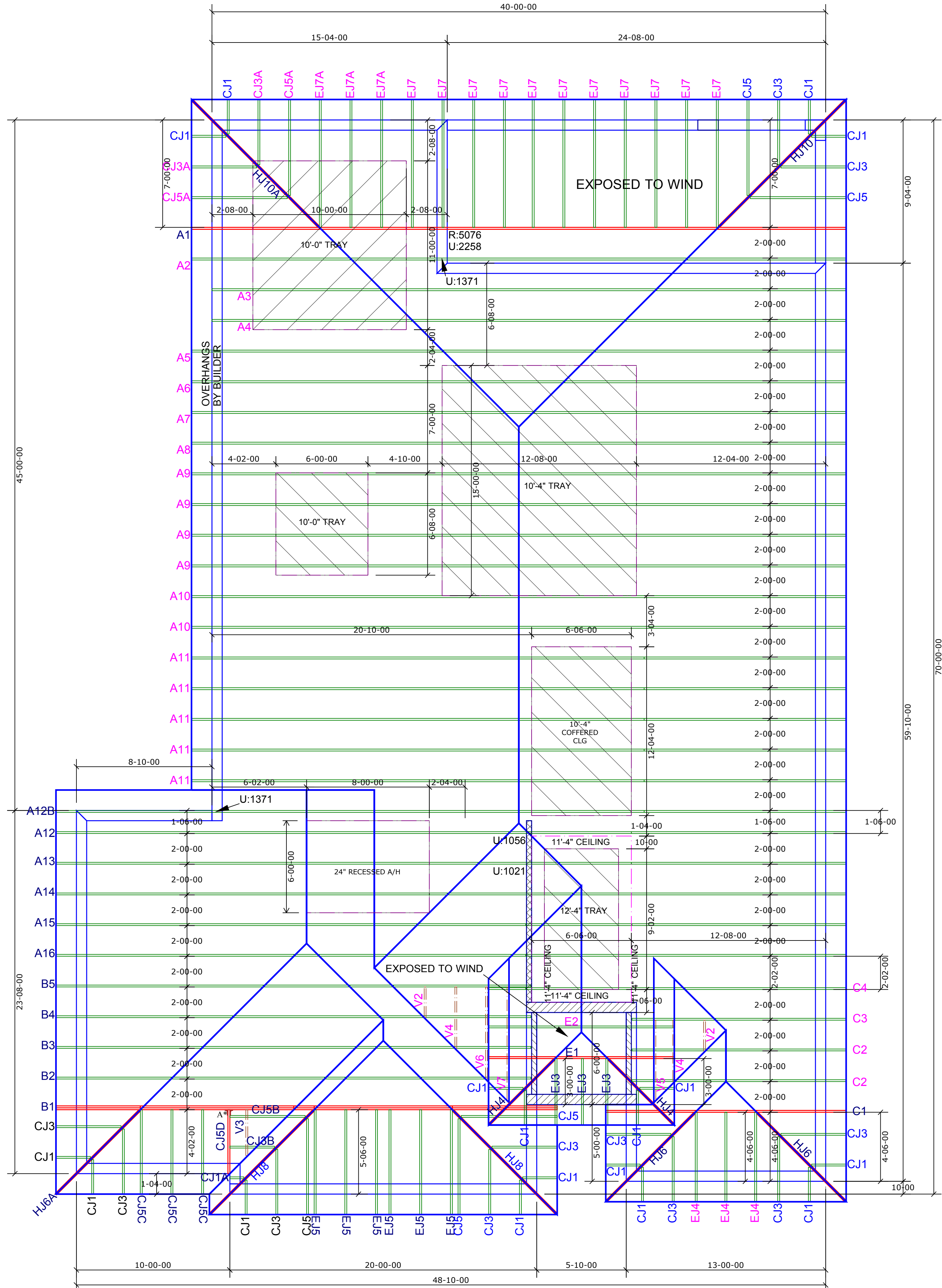





























JOB No.	MASTER
DATE DRAWN	2/8/2016
DATE PRINTED	2/8/2016

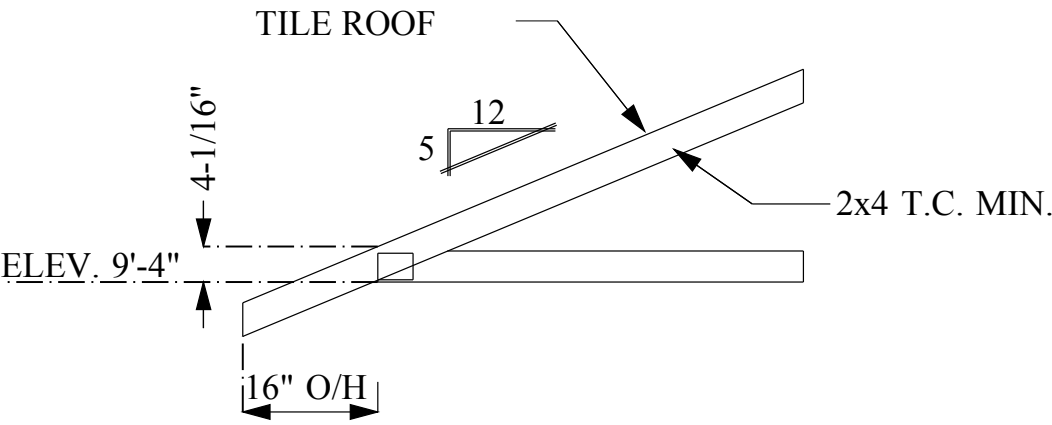





GENERAL TRUSS ENGINEERING CRITERIA & DESIGN LOADS	
DESIGN CODE	FBC2014/TP12007
WIND CODE	MWFRS (Directional)/C-C HYBRID WIND ASCE 7-10
WIND LOAD	160 MPH
EXPOSURE CATEGORY	C
OCCUPANCY CATEGORY	II
IMPORTANCE FACTOR	1.0
WIND DURATION FACTOR	1.60
OPENING CONDITIONS	ENCLOSED
TRUSSES HAVE BEEN DESIGNED FOR A 10.0 PSF BOTTOM CHORD LIVE LOAD NONCONCURRENT WITH ANY OTHER LIVE LOADS	
TRUSS LOADING	ROOF
TCLL	20 PSF
TCDL	25 PSF
BCLL	0 PSF
BCDL	10 PSF
TOTAL	55 PSF
DURATION	1.25
TCDL / TO RESIST UPLIFT	5 PSF
BCDL / TO RESIST UPLIFT	5 PSF

ROOF AND FLOOR TRUSS HANGER SCHEDULE							
ID	QTY/RF	QTY/FL	MODEL	FLOOR	ROOF	UPLIFT	SYMBOL
A*	1	0	LUS24	725	895	490	 A*
A	0	0	HTU26	2940	3200 / 3600	1250 / 1555	 A
B	0	0	HTU28	3820	3895 / 4680	1235 / 2140	 B
C	0	0	HTU26-2	2940	3600	1515 / 2175	 C
D	0	0	HTU28-2	3820	4310 / 4680	1530 / 3485	 D
E	0	0	HGUS26-2	4355	5320	2155	 E
F	0	0	HGUS28-2	7460	7460	3235	 F
G	0	0	HGUS26-3	4355	5230	2155	 G
H	0	0	HGUS28-3	7460	7460	3235	 H
I	0	0	HGUS210-4	9100	9100	4095	 I
J	0	0	SUL26	865	1055	765	 J
K	0	0	SUR26	865	1055	765	 K
L	0	0	SUL210	1440	1760	1250	 L
M	0	0	SUR210	1440	1760	1250	 M
N	0	0	THJA26	2680	3265	960	 N
O	0	0	HJC26	2385	2980	1840	 O
P	N/A	0	HHUS46	2790	3410	1550	 P
Q	N/A	0	THA422	2245	2245	1855	 Q
R	N/A	0	THAC422	2245	2245	1855	 R
S	N/A	0	THA426	2435	2435	1855	 S

NOTE: UPLIFT VALUE FOR THA422, THAC422, THA426 HANGERS APPLY ONLY TO FACE MOUNT INSTALLATION

(1) PLY	(2) PLY	(3) PLY	CORNER HIP	CORNER HIP	(1) PLY FLR. TRUSS	(4) PLY FLR. TRUSS
 LUS24	 HTU26, HTU28	 HTU26-2, HTU28-2 HGUS26-2, HGUS28-2	 THA26	 HJC26	 HHUS46	 THA422, THAC422 THA426



Hatch Legend	
	9'-4" BEARING
	12'-4" BEARING
	14'-0" BEARING

- 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 NOTED 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 PROBUILD.
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	16"
CANTILEVER	N/A
END CUT	PLUMB
FLOOR TRUSS SPACING	N/A
ROOF TRUSS SPACING	24"

BUILDER	DR Horton
PROJECT	1983 A /C 3-CAR RH
MODEL	1983 A/C
ADDRESS	--
CITY, STATE	--, FL.
LOT	--
COUNTY	--
DRAWN BY	D.W.
ENG. BY	D.W.

REVISIONS			
No.	DATE	NOTES	BY

IMPORTANT

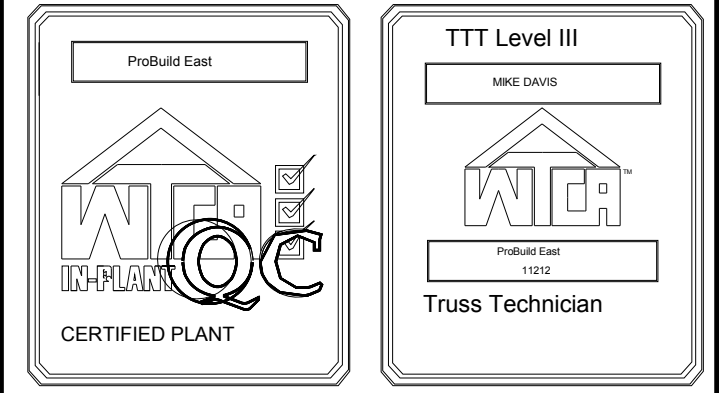
This Drawing Must Be Approved And Returned
Before Fabrication Will Begin. For Your Protection
Check All Dimensions And Conditions Prior To
Approval Of Plan.

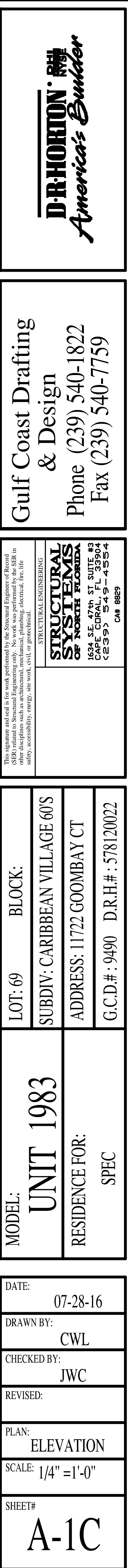
SIGNATURE BELOW INDICATES ALL NOTES
AND DIMENSIONS HAVE BEEN ACCEPTED.

By _____ Date _____



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





PAD FOOTING SCHEDULE							
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		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	-
X	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	-

USED	WALL FOOTING SCHEDULE						SHAPE
	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING		
	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		
X	F4	CONT.	1'-4"	1'-8"	2-#5		
X	F5	CONT.	1'-4"	1'-0"	2-#5		
X	F6	CONT.	1'-4"	1'-0"	2-#5		
X	F6A	CONT.	8"	8"	1-#5		
	TE	CONT.	0'-8"	0'-8"	1-#5		

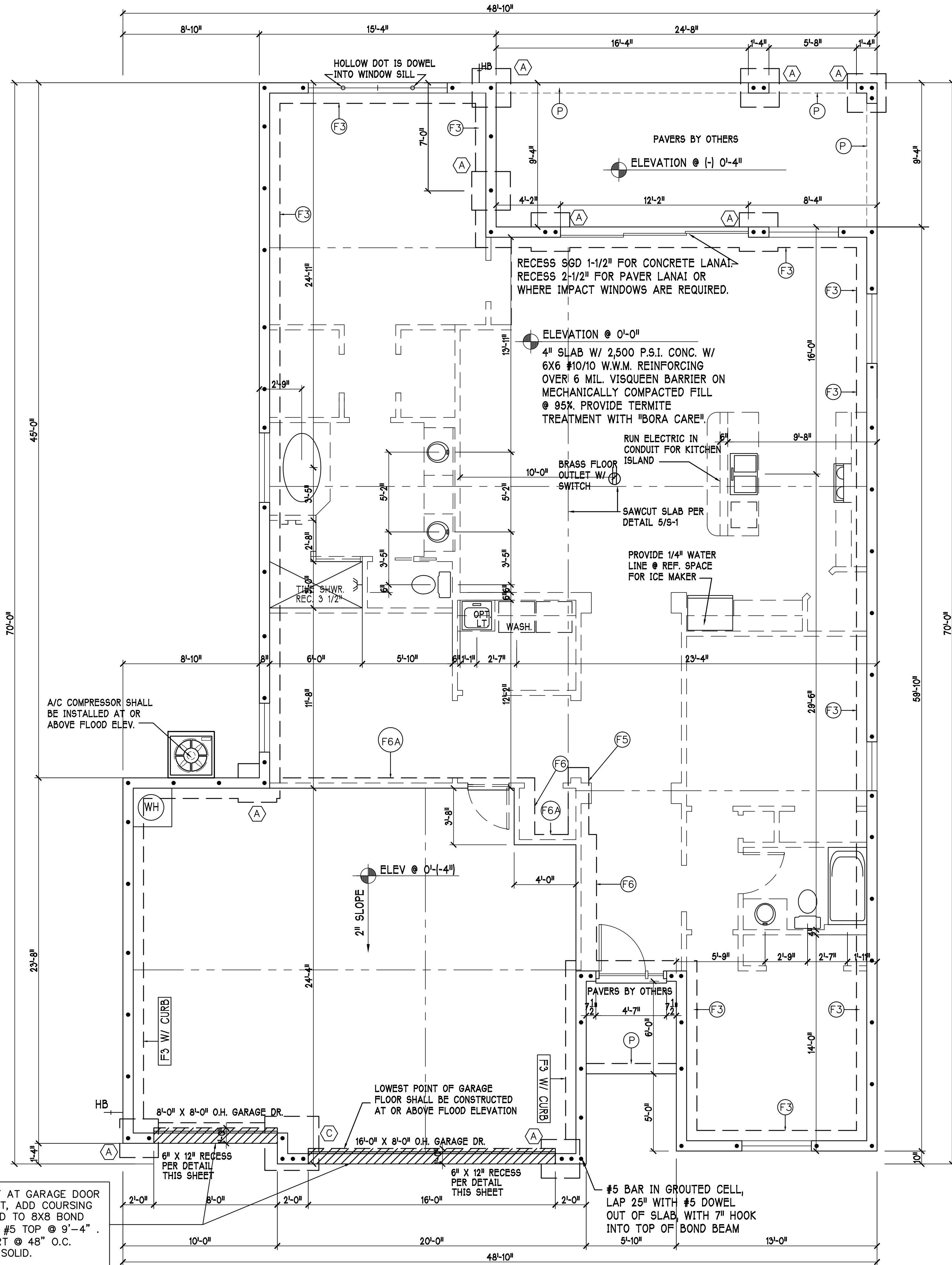
ADD CURB TO GARAGE, SEE DETAIL

FOUNDATION PLAN

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

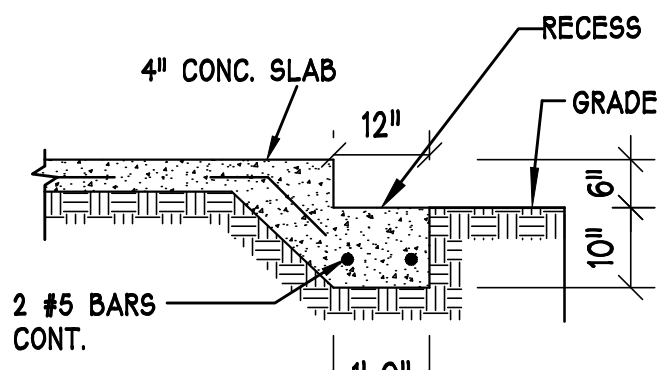
PLAN NOTES:

- 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-1.



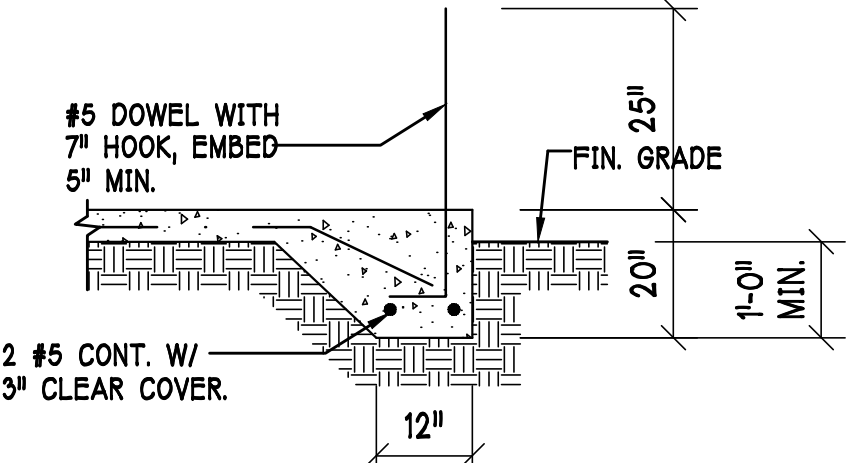
FOUNDATION PLAN:

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

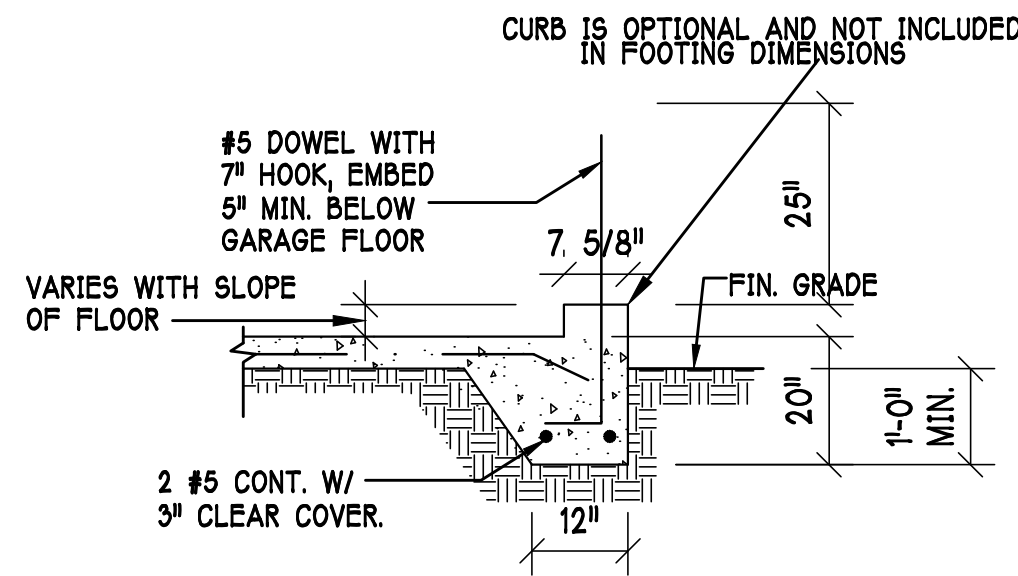


GARAGE DOOR RECESS

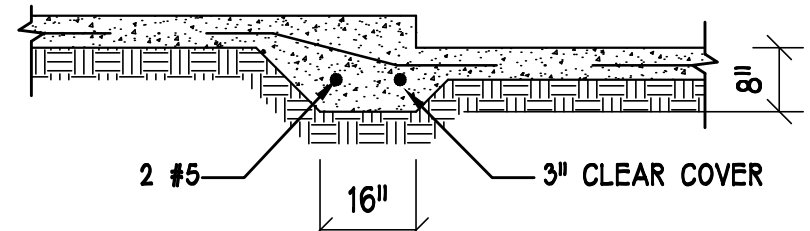
SCALE: 1/2" = 1'-0"



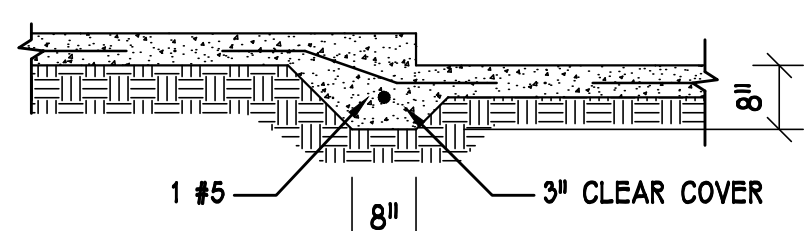
F3' FOOTING



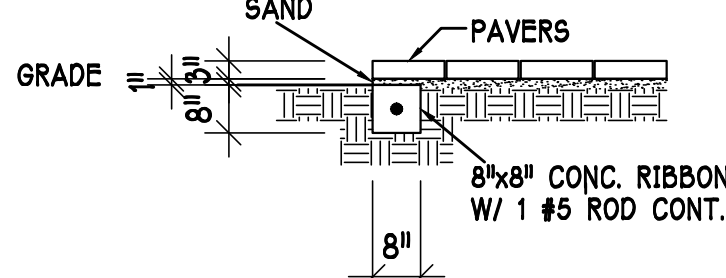
F3' WITH CURB AT GARAGE



F6' STEP DOWN



F6A' STEP DOWN



P1 PAVERS DETAIL ENTRY/LANAI

8F8-1B SET AT GARAGE DOOR HEAD HEIGHT, ADD COURSING AS REQUIRED TO 8X8 BOND BEAM W/ 1 #5 TOP @ 9'-4" . ADD #5 VERT @ 48" O.C. GROUT ALL SOLID.

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

D.R. HORTON & SONS
America's Builder

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

STRUCTURAL SYSTEMS
of NORTH FLORIDA
2500 S. GULF BLVD., SUITE 100
FORT MYERS, FL 33901
(239) 540-1822
(239) 540-7759
CA 8857

LOT: 69 BLOCK:
SUBDIV: CARIBBEAN VILLAGE 60'S
ADDRESS: 11722 GOOMBAY CT
G.C.D.#: 9490 D.R.H.#: 57812022

MODEL: UNIT 1983
RESIDENCE FOR: SPEC

DATE: 07-28-16
DRAWN BY: CWL
CHECKED BY: JWC
REVISED:
PLAN: FOUNDATION
SCALE: 1/4" = 1'-0"
SHEET#

A-2

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE C, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. V _{as} =124 MPH						
MARK	SIZE CODE	PRODUCT DESCRIPTION	WIDTH	HEIGHT	ZONE	WIND PRESSURE
1	OVERHEAD	GARAGE DOOR	192	84	4&5	+28.2/-31.5
2	3080 ENTRY DR.	DISTINCTION	36	96	4	+33.5/-36.3
3	SIDE LITE		12	96	4	+33.5/-36.3
4	OVERHEAD	GARAGE DOOR	96	84	4&5	+28.4/-33.3

GARAGE DOOR ASSUMES 2' IN ZONE 5.

WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE C, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. V _{as} =124 MPH						
MARK	SIZE CODE	PRODUCT DESCRIPTION	ZONE	WIND PRESSURE	WIND-BORNE DEBRIS PROTECTION	QTY
A	35	SH	4	+33.5/-36.3	SHUTTERS	3
B	25	SH	5	+33.5/-44.8	SHUTTERS	2
C	3-4080 SL. GL. DR.	SL. GL. DOOR	4	+33.5/-36.3	SHUTTERS	1
D	2-35	SH	5	+33.5/-44.8	SHUTTERS	1
E	34	SH	5	+33.5/-44.8	SHUTTERS	1
F	55" X 24" FIXED GL.	ABV. ENTRY DR.	4	+33.5/-36.3	SHUTTERS	1
OPT IMPACT GLASS MAY BE INSTALLED IN LIEU OF SHUTTERS VERIFY W/ CONTRACT						9

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

CABINET BACKING			
KITCHEN	UPPER TOP @ 54", 84" & 96"	BASE TOP @35"	
MASTER BATH	UPPER	BASE- TOP @35"	
GUEST BATH	UPPER	BASE- TOP @31"	
LAUNDRY RM.	UPPER TOP @84"	BASE	

BATHROOM NOTES			
ALL TUB DECKS @ 2" A.F.F.			
ALL BLOCKING TO BE PT IN SHOWERS			

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

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

48"	38" MIN.	30"
20"	4"	4"
	MIN	

SQUARE FOOTAGE		
FLOOR LIVING AREA	-----	1,883
GARAGE AREA	-----	714
ENTRY AREA	-----	35
LANAI AREA	-----	230
TOTAL AREA	-----	2,962

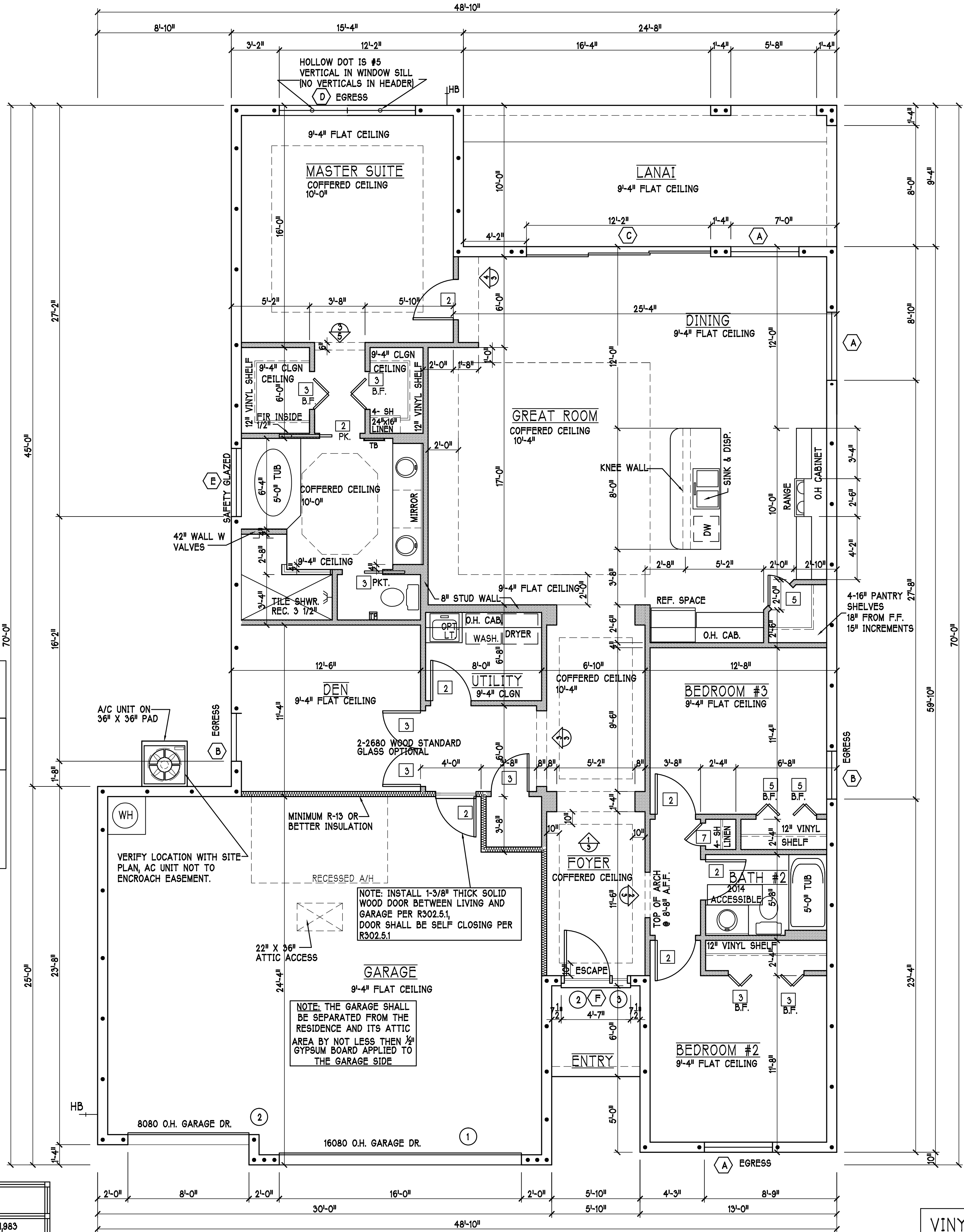
MARK	DOOR WIDTH	NOTES
1	3'-0"	PK. = POCKET DOOR
2	2'-8"	B.F. = BI-FOLD DOOR
3	2'-6"	B.P. = BI-PASS DOOR
4	2'-4"	LV. = LOUVERED DOOR
5	2'-0"	
6	1'-8"	
7	1'-6"	

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

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

**** NOTE: ****

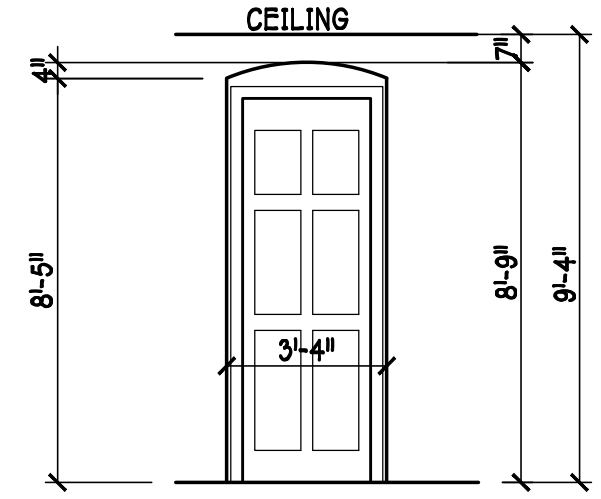
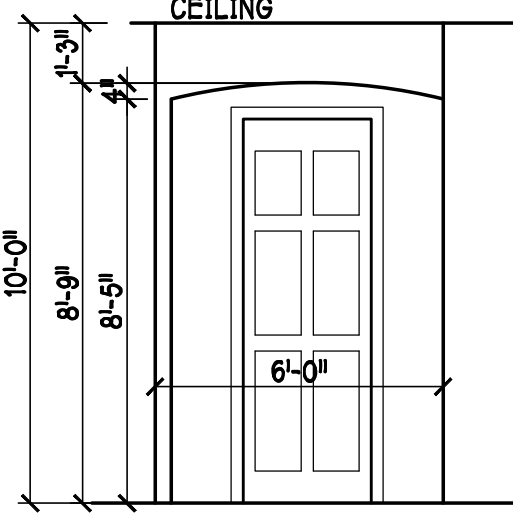
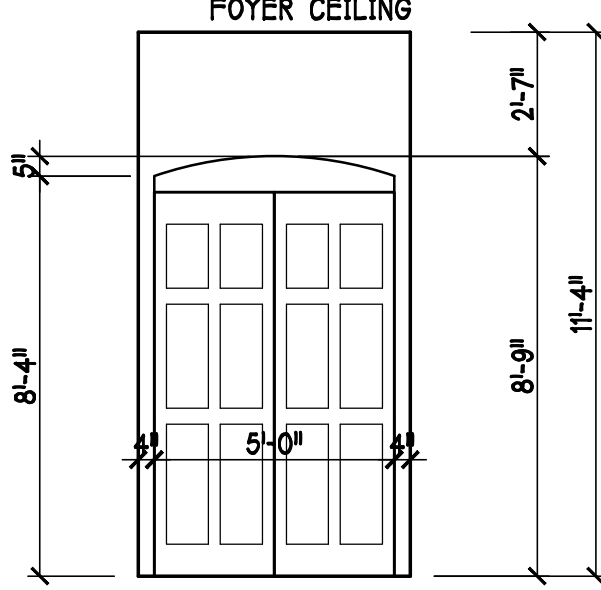
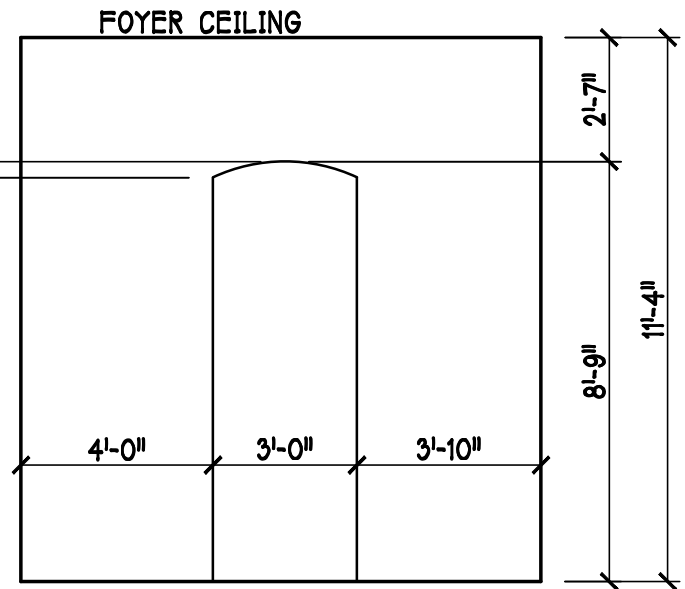
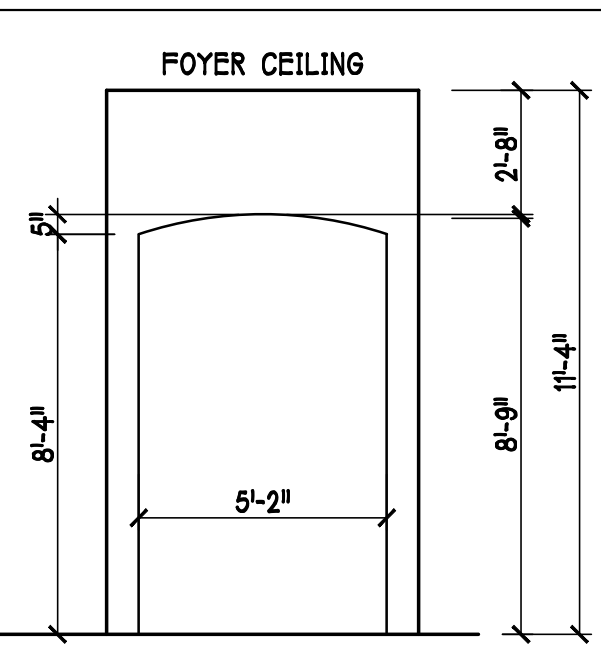
STUB OUT FOR GAS @ OUTDOOR KITCHEN, RANGE, WATER HEATER, AND DRYER. VERIFY WITH CONTRACT AND SUBDIV. SPECS. A SEPARATE PERMIT IS REQUIRED FOR GAS PIPING.



VINYL SHELF NOTES:

- ALL CLOSET SHELVES TO BE 12"
- ALL PANTRY & LINEN TO BE (4) 16" SHELVES 18" O.F.F. WITH 15" INCREMENT.

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



D.R. HORTON
America's Builder

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

This drawing and seal is for work performed by the Structural Engineer of Record (SEIR) related to Structural Engineering only. No work was performed by the SEIR in any other discipline. The SEIR is not responsible for the design, construction, safety, accessibility, energy, use, work, civil or professional.

STRUCTURAL
SYSTEMS
OF NORTH FLORIDA
INC.
1111 S. W. 11th St., Suite 300
Fort Lauderdale, FL 33304
(239) 549-1454
Cal. Reg.

MODEL: UNIT 1983
RESIDENCE FOR: SPEC

DATE: 07-28-16
DRAWN BY: CWL
CHECKED BY: JWC
REVISED:
PLAN: FLOOR PLAN
SCALE: 1/4" = 1'-0"
SHEET#

LOT: 69
SUBDIV: CARIBBEAN VILLAGE 60'S
ADDRESS: 11722 GOOMBAY CT
G.C.D.#: 9490 D.R.H.#: 57812002

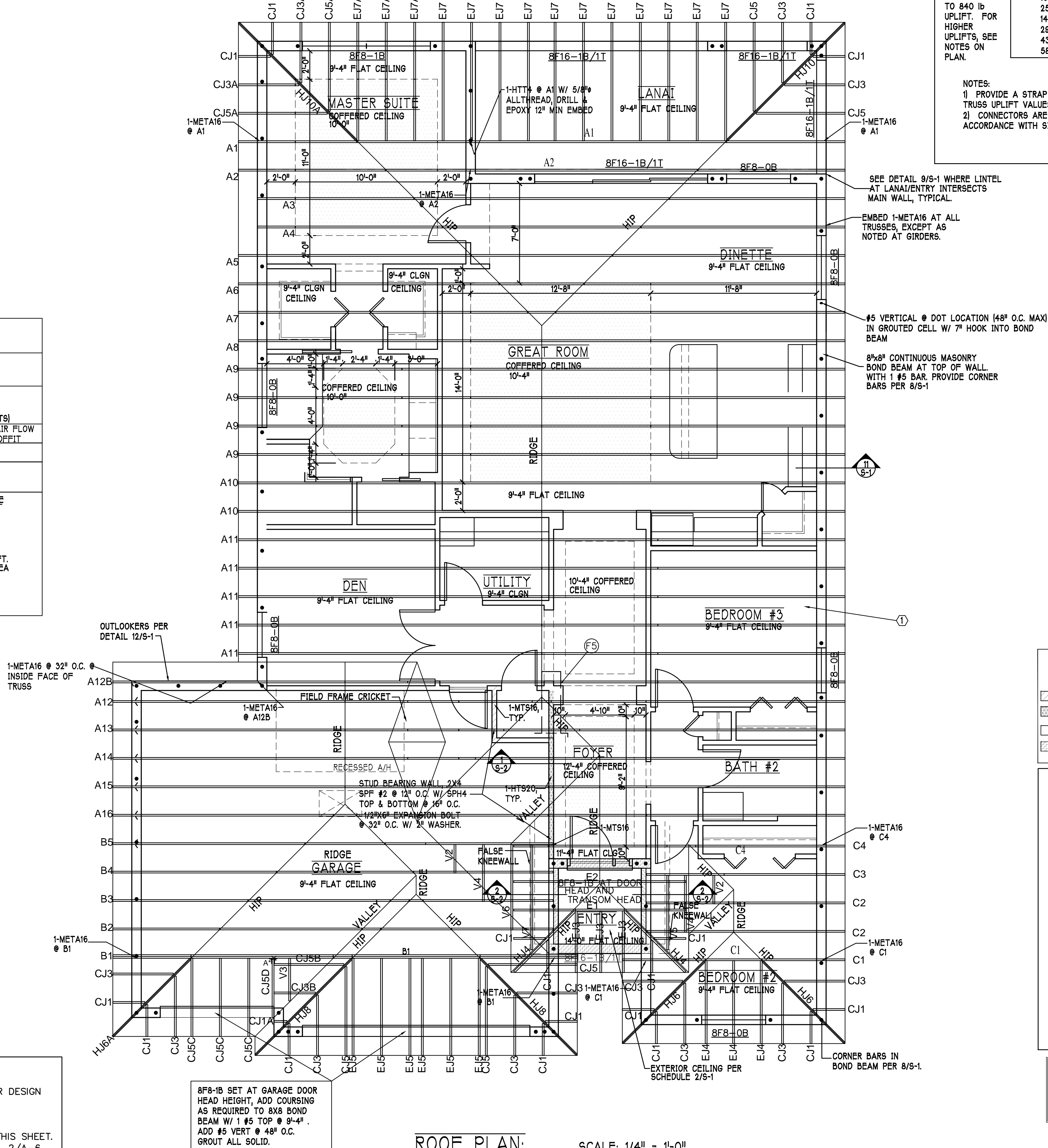
BLOCK: CARIBBEAN VILLAGE 60'S
ADDRESS: 11722 GOOMBAY CT
G.C.D.#: 9490 D.R.H.#: 57812002

ATTIC VENTILATION						
verify venting requirements with energy calculations		WITHOUT OFF RIDGE VENTS		WITH OFF RIDGE VENTS (O.R.V)		
ATTIC AREA (FBC R806)		VENTILATION REQUIRED (ATTIC AREA 1/150)		VENTILATION REQUIRED (ATTIC AREA 1/300 INSTALL PER FBC R806.2 MINIMUM AREA REQUIREMENTS)		
mark	square footage	sffit vents	MIN AIR FLOW OF SOFFIT	total ventilation	off ridge vents	MIN AIR FLOW OF SOFFIT
①	2962 SQ. FT.	19.8 SQ. FT.	5.4%	O.R.V. NOT USED		
<u>ATTIC VENTILATION CALCULATION:</u> attic sq. ft. / 150 = vented sq. ft.				<u>ATTIC VENTILATION CALCULATION:</u> attic sq. ft. / 300 = vented sq. ft.		
<p>6'-0" BASE</p> <p>2'-0" BASE</p> <p>145 SQ. FT. FREE AREA</p>				<p>25" BASE</p> <p>1 SQ. FT. FREE AREA</p>		<p>18" BASE</p> <p>17" BASE</p> <p>38 SQ. FT. FREE AREA</p>
OFF RIDGE EXHAUST VENT SIZES <u>(AREA NET FREE SQUARE FEET)</u> SCALE: 1/4"=1'-0"						

TRUSS STRAPPING TO MASONRY			
INSTALL META16 AT ALL TRUSSES TO 1450 lb UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.	MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
	1450	(1)META16 TO 40	9-10dx1 1/2", EMBED 4"
	1810	(1)META16 TO 40	10-10dx1 1/2", EMBED 4"
	2235	(1)HHETA16 TO 40	12-10dx1 1/2", EMBED 4"
	1985 (1 PLY)	(2)META12 TO 40	12-10dx1 1/2", EMBED 4"
	1900 (2 PLY)	(2)META12 TO 40	14-16d, EMBED 4"
	2500 (2 PLY)	(2)HETA12 TO 40	14-16d, EMBED 4"
	2500 (2 PLY)	(2)HHETA12 TO 22	14-16d", EMBED 4"

PLAN NOTES:

- 1) ROOF TRUSS BEARING ELEVATION VARIES, SEE LEGEND.
- 2) ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BY A DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-1.
- 3) PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
- 4) FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON S-1.
- 5) **8F8-1B** etc., DENOTES PRECAST LINTE ABOVE DOOR/WINDOW OPENING PER SCHEDULE THIS SHEET.
- 6) AT TRUSS BEARING, PROVIDE 8x8 MASONRY BOND BEAM W/ 1 #5 CONTINUOUS, SEE DETAIL 2/A-6.







TRUSS STRAPPING TO STUD WALL/WOOD BEAM		
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER
840	(1)MTS12 to 20	14-10dX1-8 [#]
1680	(2)MTS12 to 20	14-10dX1-8 [#]
2520	(3)MTS12 to 20	14-10dX1-8 [#]
1450	(1)HTS20 to 30	24-10dX1-8 [#]
2900	(2)HTS20 to 30	24-10dX1-8 [#]
4350	(3)HTS20 to 30	24-10dX1-8 [#]
5800	(4)HTS20 to 30	24-10dX1-8 [#]

NOTES:

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

REV 2

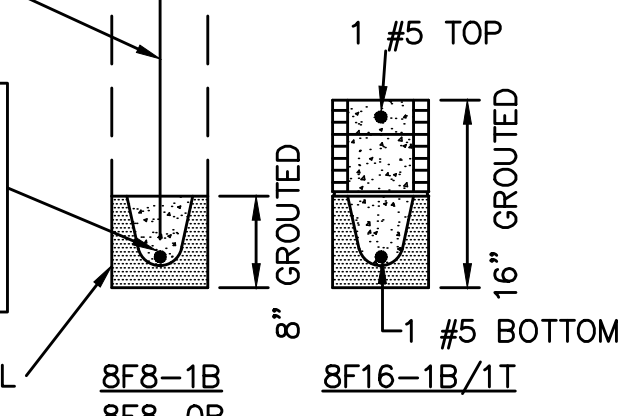
 = INTERIOR BEARING @ 9'-4" A.F.F.
 = INTERIOR BEARING @ 12'-4" A.F.F.
 = BEARING @ 9'-4" A.F.F.
 = BEARING @ 14'-0" A.F.F.

HOOK #5 BAR INTO
TOP OF BOND BEAM

WALL ABOVE WITH
BOND BEAM AT TOP

#5 VERTICAL, ABOVE
LINTEL ONLY WHERE
NOTED ON PLAN

'1B' DENOTES 1#5 BOTTOM
WITH 7" HOOK EACH END
OR EXTEND 24" BEYOND
OPENING.



PRECAST LINTEL SCHEDULE

AT SWING DOORS, USE 2" RECESS STYLE
LINTEL IF NEEDED FOR ROUGH OPENING.

TRUSS BEARING CONDITIONS AND
STRAPPING IS BASED
ON TRUSS LAYOUT PREPARED BY PROBUILD,
JOB # MASTER, DATED: 02/08/16, REVISED: NONE

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

MODEL:	UNIT 1983	LOT: 69	BLOCK:
RESIDENCE FOR:		SUBDIV: CARIBBEAN VILLAGE 60'S	
		ADDRESS: 11722 GOOMBAY CT	
SPEC		G.C.D.# : 9490	D.R.H.# : 578120022

DATE: 07-28-16
DRAWN BY: CWL
CHECKED BY: JWC
REVISED:

PLAN: ROOF PLAN

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

SHEET#

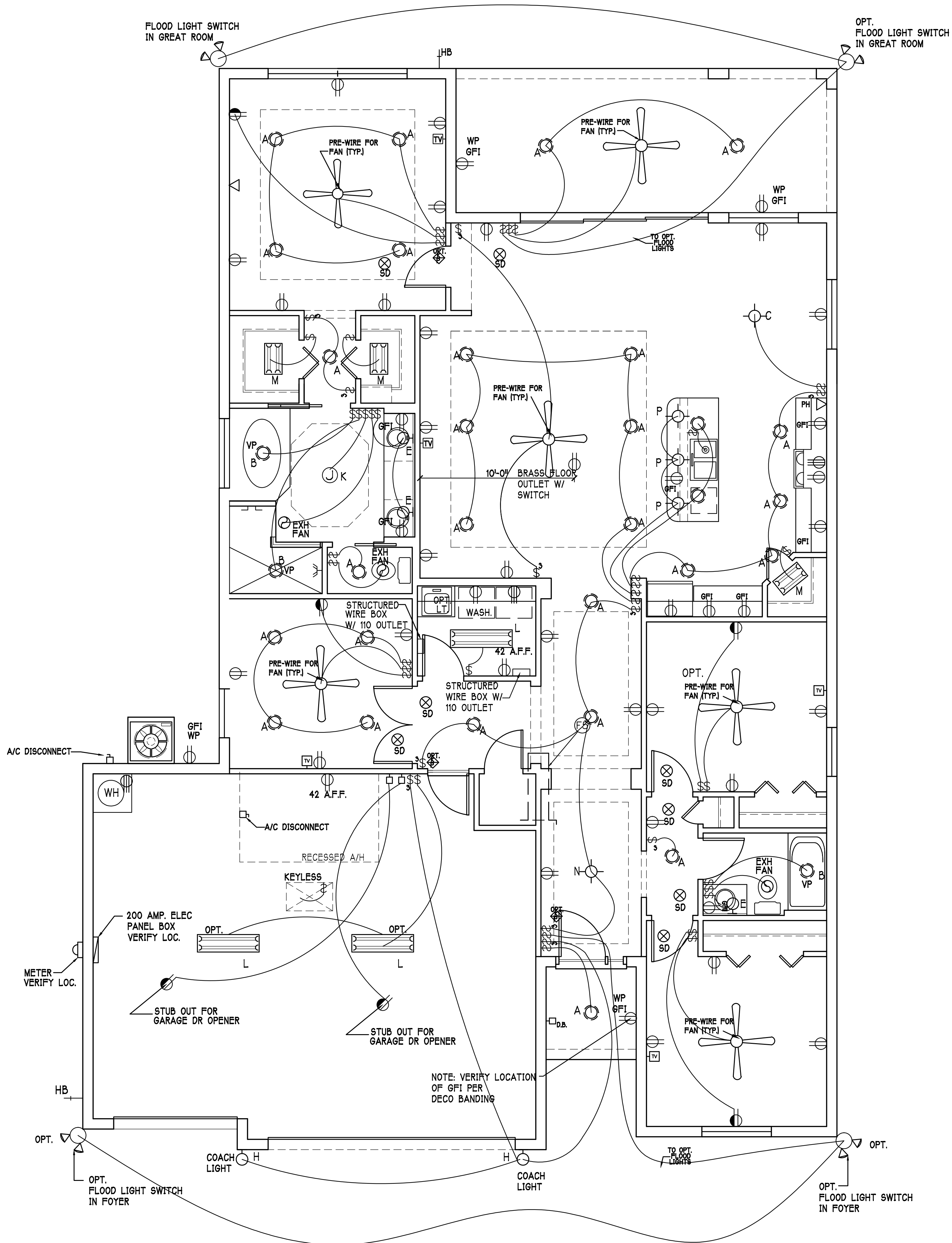
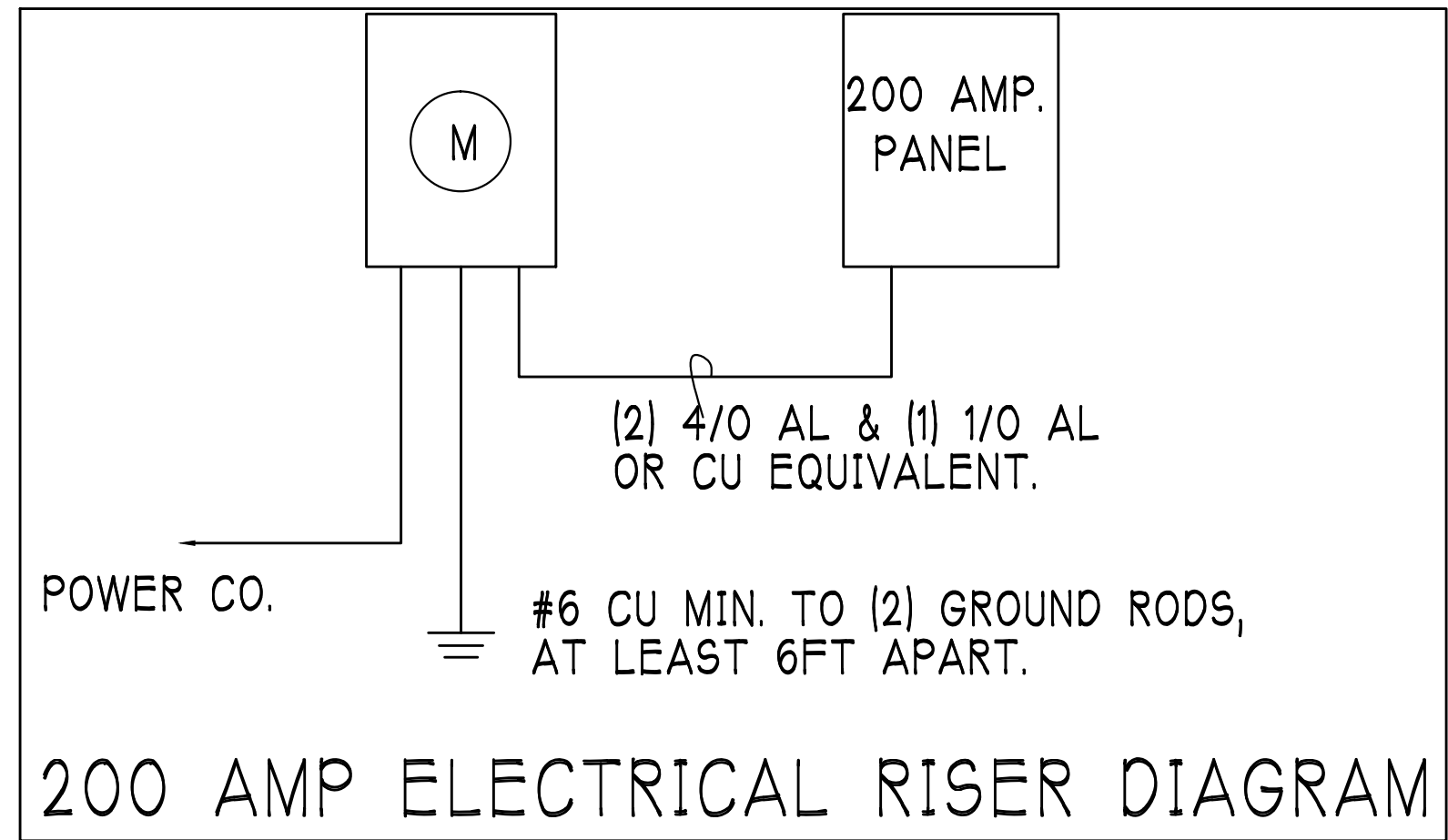
A-4 A&C

D·R·HORTON INC.
America's Builder

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

OPTIONAL ELECTRICAL PLAN 1983

200 Amp Service			
TAG	QUANTITY	PRODUCT	PRODUCT #
A	(27)	Recessed Cans	
B	(3)	Vapors	
C	(1)	Pendant/Nook	P4070-09
D	(X)	10" Mushrooms	P3410-30
E	(3)	24" Avalon 3 LT	P3268-09
F	(X)	36" Avalon 4 LT	P3269-09
G	(X)	NOT USED	NOT USED
H	(2)	Coach Lights	P5815-30
J	(X)	Coach Lights	P5683-30
K	(2)	J BOX	
L	(2)	4' Fluorescent	P7186-30
M	(3)	2' Fluorescent	P7183-30
N	(1)	5lt Chandelier	P4068-09
O	(1)	3 LT Avalon	P3773-09
P	(3)	Pendant Light	P-5068-09



ELECTRICAL LEGEND

	ELECTRICAL METER
	ELECTRICAL PANEL
	120 V JUNCTION BOX
	SINGLE RECEPTACLE OUTLET
	220 V RECEPTACLE OUTLET
	4-PLEX RECEPTACLE OUTLET
	DUPLEX RECEPTACLE OUTLET
	1/2 SWITCHED DUPLEX OUTLET
	DUPLEX RECEPTACLE @ ELEV. A.F.F.
	TIMER SWITCH
	GFI SWITCH
	DIMMER SWITCH
	3 WAY SWITCH
	SINGLE POLE 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
	TELEPHONE OUTLET
	TELEVISION RECEPTION OUTLET
	SURFACE MOUNTED CEILING LIGHT
	RECESSED LIGHT
	WALL MTD. BRACKET LIGHT
	EXHAUST FAN
	A/C DISCONNECT
	PUSH BUTTON
	DB= DOOR BELL

Electrical Notes:

Arc-Fault circuit-Interruptioners & Tamper-Resistant Receptacles shall be installed in dwelling units per NEC 210.12 & 406.11

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

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

Install Phone & T.V per contract .

INSTALL ALL ELECTRICAL PER NEC 2011

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

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

D.R. HOUGHTON, R.H.
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MODEL: UNIT 1983	RESIDENCE FOR: SPEC
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REVISED:
PLAN: ELECTRICAL
SCALE: 1/4" = 1'-0"
SHEET# A-5

1
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.
7. TREATED WOOD REQUIREMENTS:- ALL WOOD EXPOSED TO WEATHER SHALL BE PROTECTED, PRESSURE TREATED, OR NATURALLY RESISTANT TO DECAY. ALL WOOD TOUCHING MASONRY OR CONCRETE SHALL BE ISOLATED, OR PRESSURE TREATED.
8. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCES TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE NECESSARY SHORING, SHEETING, TEMPORARY BRACING, 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 STRIPPINGS @ 16" O.C. FASTENED WITH 2-8d NAILS TO EACH TRUSS. 5/8" EXTERIOR GYPBOARD CEILING FASTENED WITH 8d NAILS OR 1-5/8" DRYWALL SCREWS @ 6" oc EDGE AND FIELD.

2
DOOR AND WINDOW ANCHORAGE

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

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

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

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

3
GENERAL ROOF ASSEMBLY
ROOF SHEATHING

SHALL BE APA RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER. INSTALL PANELS WITH LONG DIMENSION PLACED PERPENDICULAR TO TRUSSES. A 1/8" SPACE BETWEEN ADJACENT SHEETS SHALL BE MAINTAINED. INSTALL 1/4" CLIPS AT UNSUPPORTED PANEL EDGES. THE ROOF SHEATHING SHALL BE NAILED WITH 8d RING SHANK NAILS @ 6" O.C. EDGE AND FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSS WITHOUT SPLITTING. RING SHANK NAILS PER R803.2.3.1 - 0.113" 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.

FLASHING
FLASHING SHALL BE ALUMINUM, ALUMINUM ZINC COATED STEEL .0179 INCHES THICK, 26 GAGE AZ50 ALUM ZINC, OR GALVANIZED STEEL .0179 INCHES THICK, 26 GAGE ZINC COATED GALV. 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 SHINGLE ROOFS. LAPPED A MINIMUM OF 3" @ JOINTS. THE OUTSIDE EDGE SHALL EXTEND A MINIMUM OF 1/2" BELOW SHEATHING AND THE INSIDE EDGE SHALL EXTEND BACK A MINIMUM OF 2". DRIP EDGE SHALL BE NO MORE THAN 4" CENTERS. THERE SHALL BE A MINIMUM OF 4" WIDTH OF ROOF CEMENT INSTALLED OVER THE DRIP EDGE FLANGE.

4
WOOD FRAMING:

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

5
ASPHALT SHINGLE ROOF SPEC'S

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 D3462, and shall be secured to the roof with no less than 6 fasteners per shingle strip, or a minimum of 2 fasteners per shingle tab. And shall in no case be fastened with less fasteners than that required by the manufacture. Installation shall comply with the 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 of galvanized steel, stainless steel or aluminum with a minimum shank size of .12 gage (.0105 inches) with a minimum 3/8 inch diameter head and shall be of a length to penetrate the sheathing.

The nail component of plastic cap nails shall meet or exceed the requirements of ASTM A 641, Class I, or equal, and shall be corrosion resistant by coating electro galvanization, mechanical galvanization, hot dipped galvanization or shall be made of stainless steel, non ferrous metal.

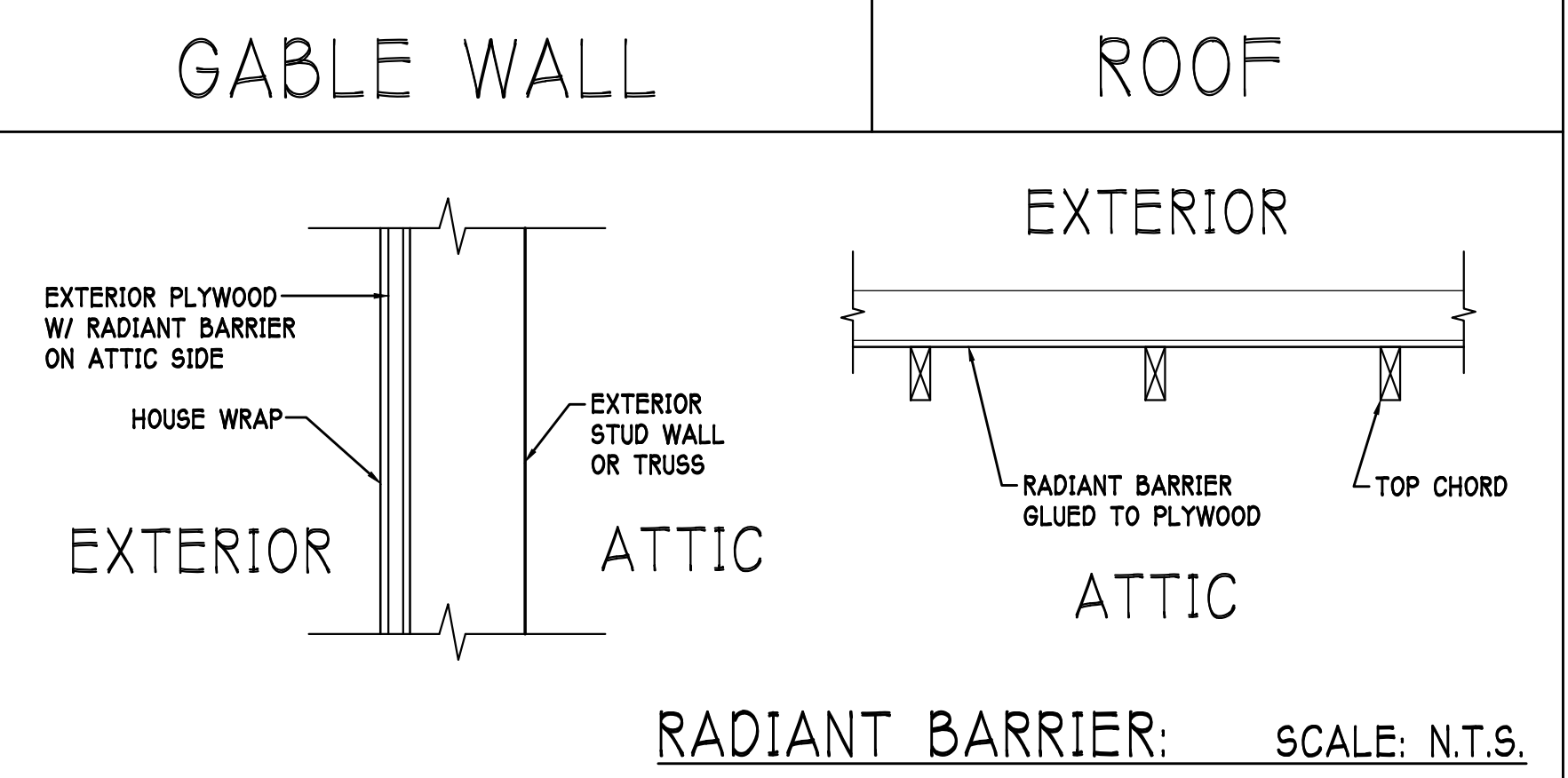
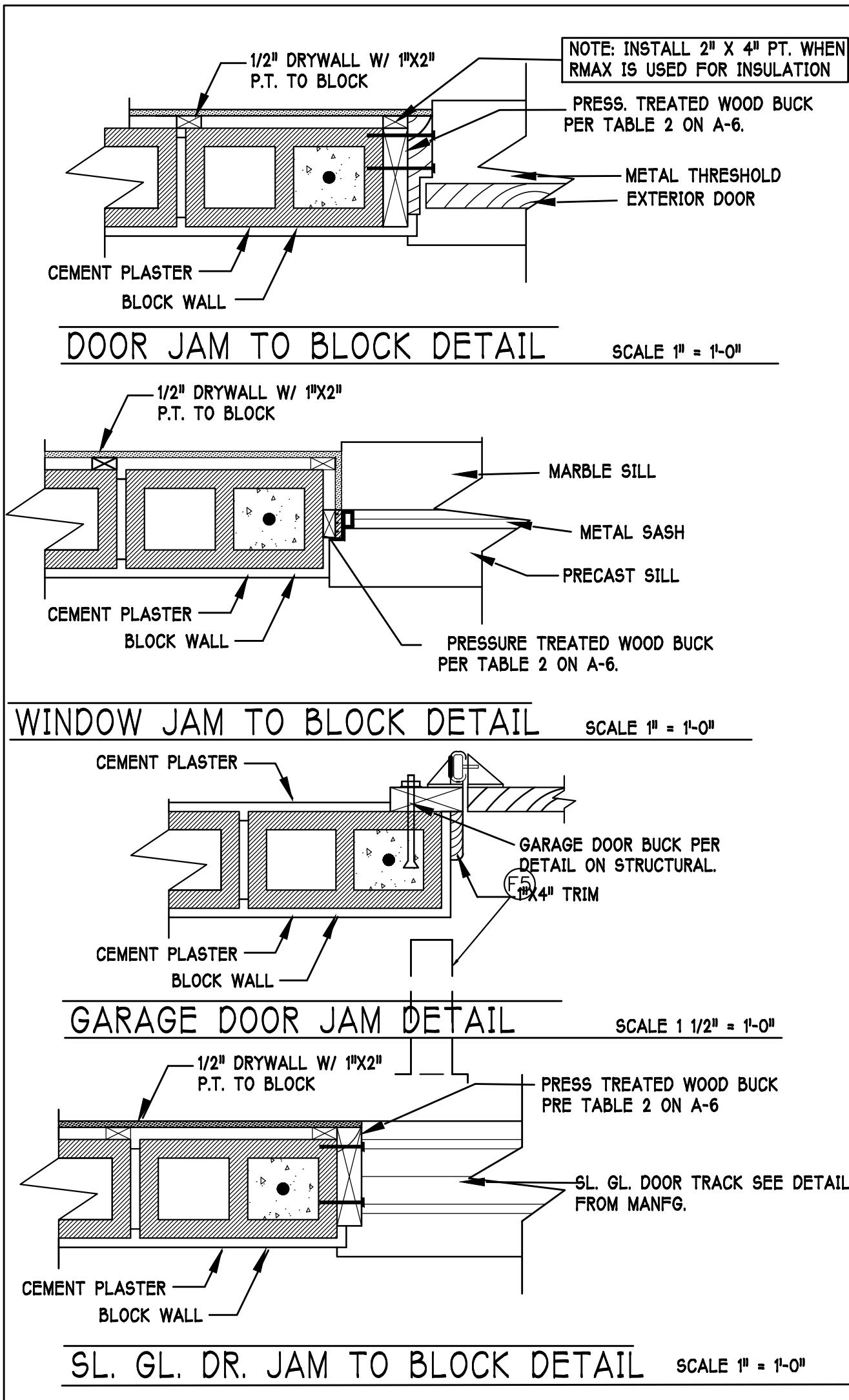
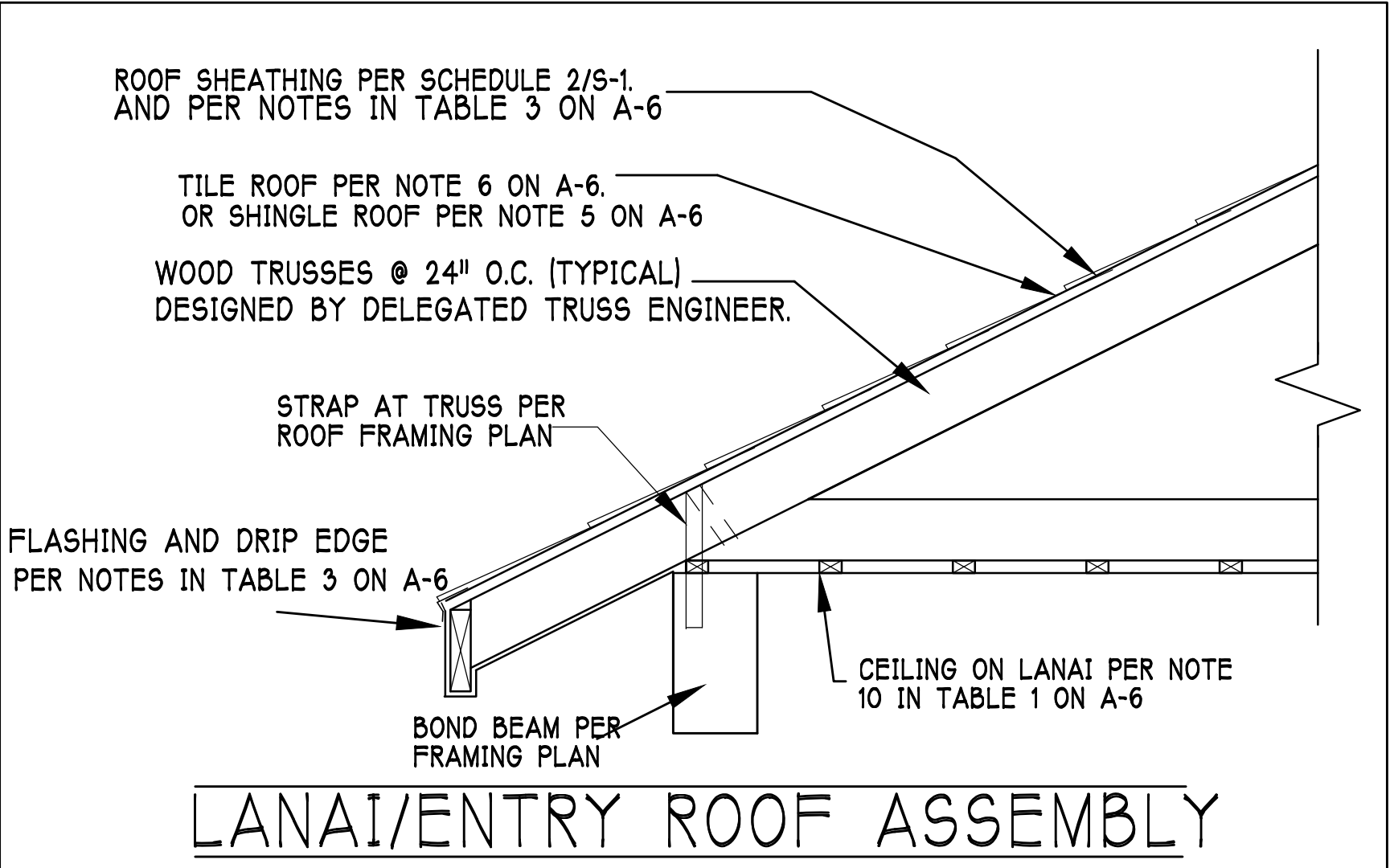
6
CLAY AND CONCRETE TILE ROOF SPECS

INSTALL PEEL AND STICK UNDERLAYMENT APPROVED FOR SINGLE LAYER APPLICATION UNDER TILE ROOF.
THE INSTALLATION OF CLAY AND CONCRETE TILE SHALL COMPLY WITH THE PROVISIONS OF 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 INCLUDE 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.

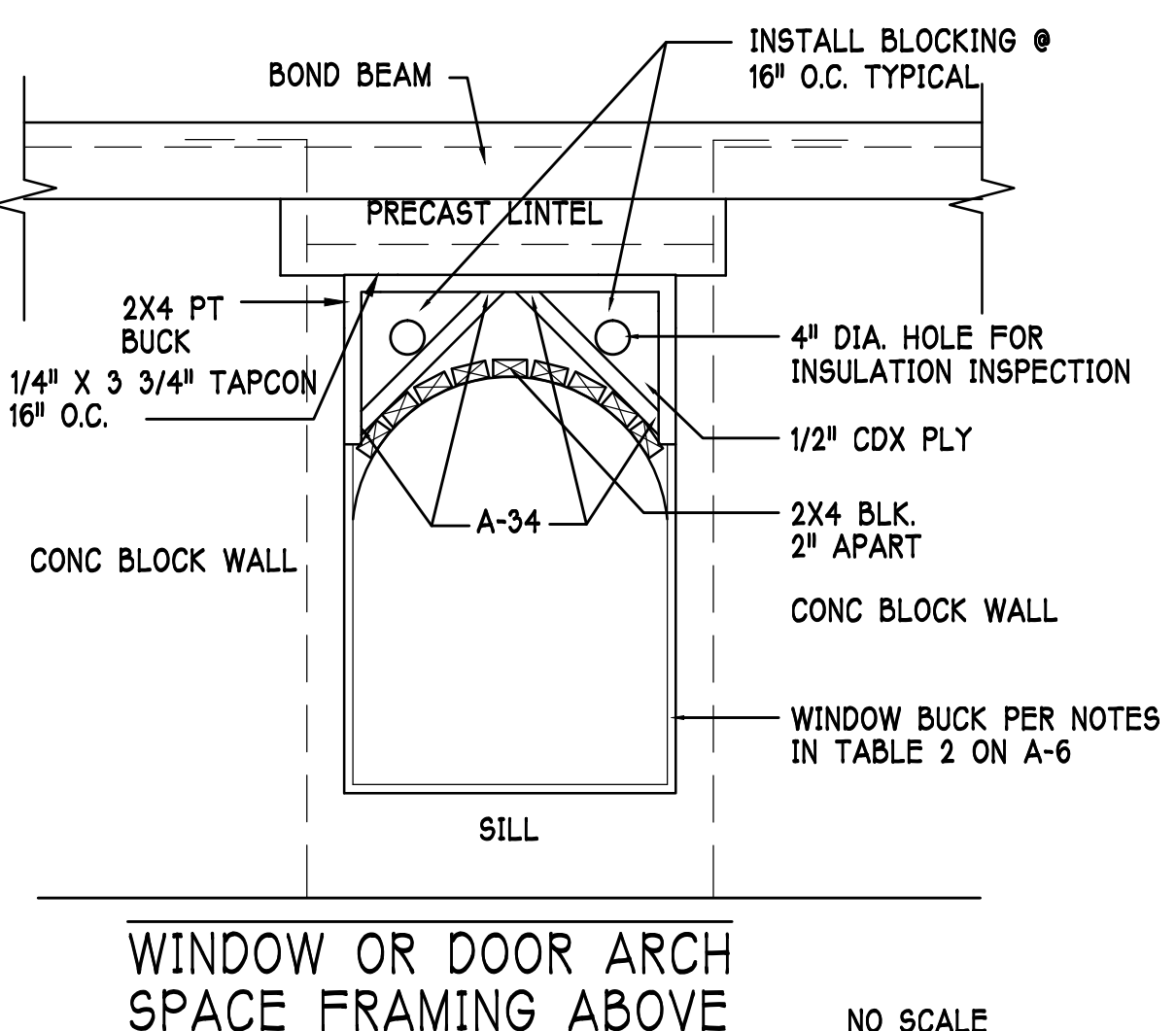
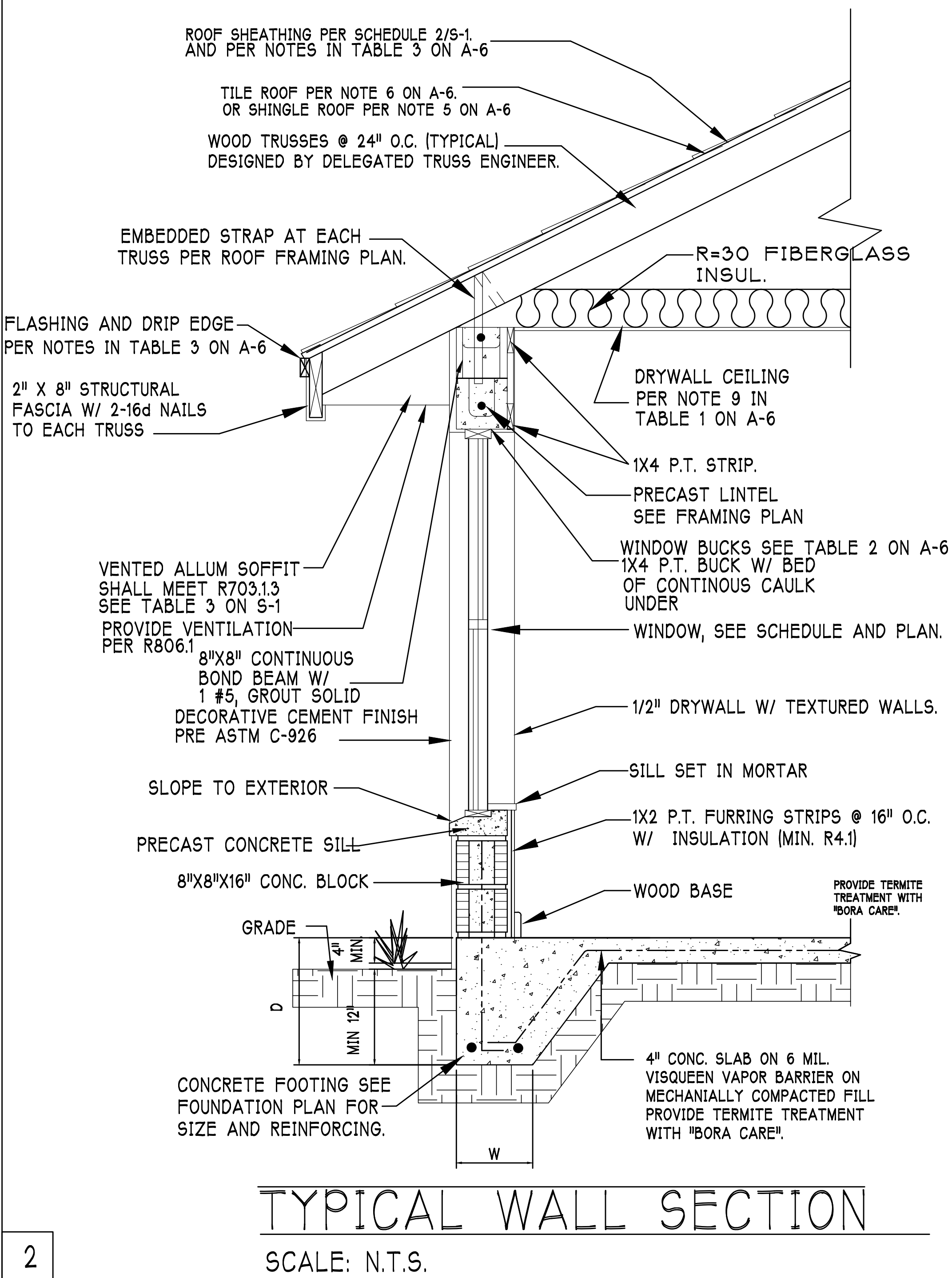
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FLOOR SHEATHING AT 2ND FLOOR

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

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



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



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

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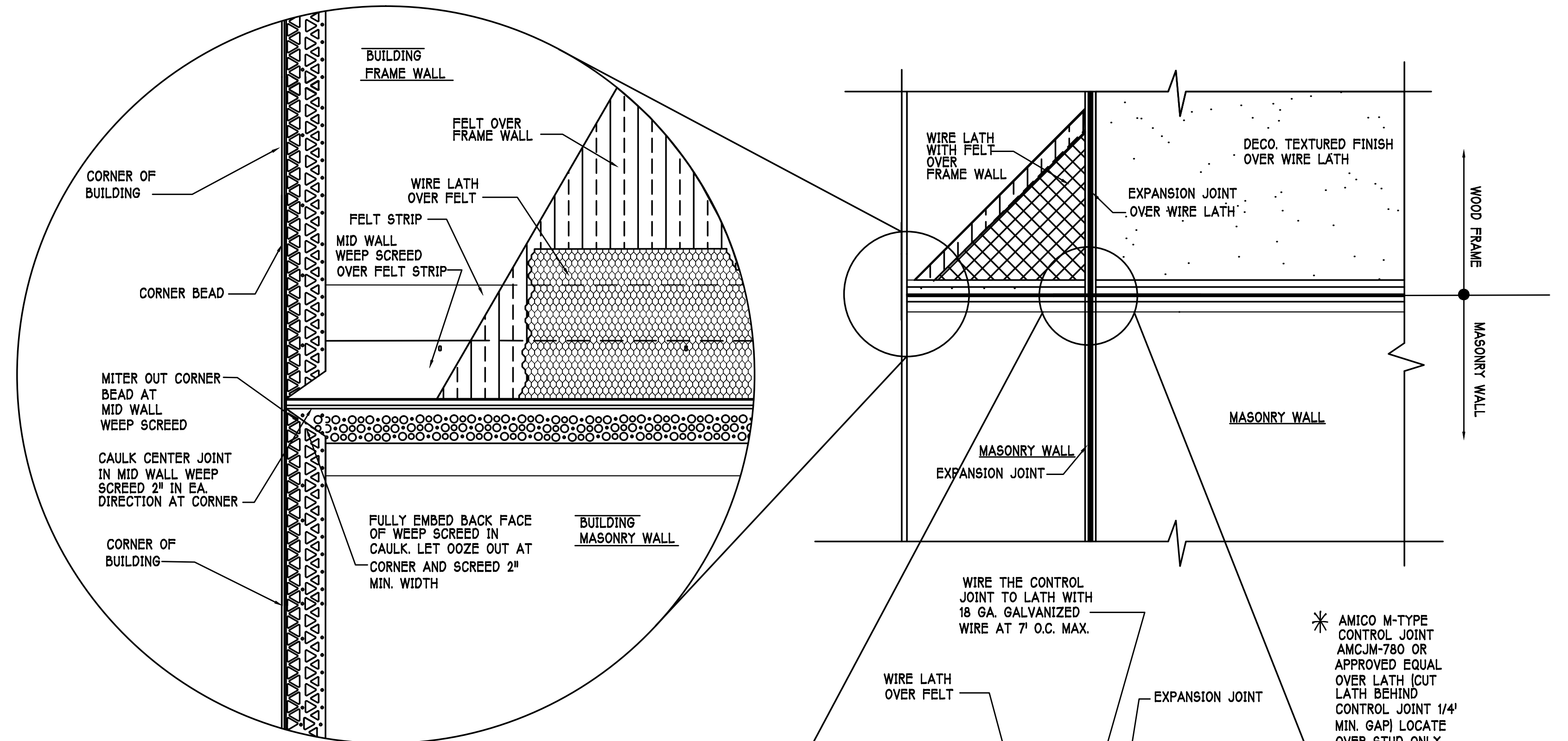
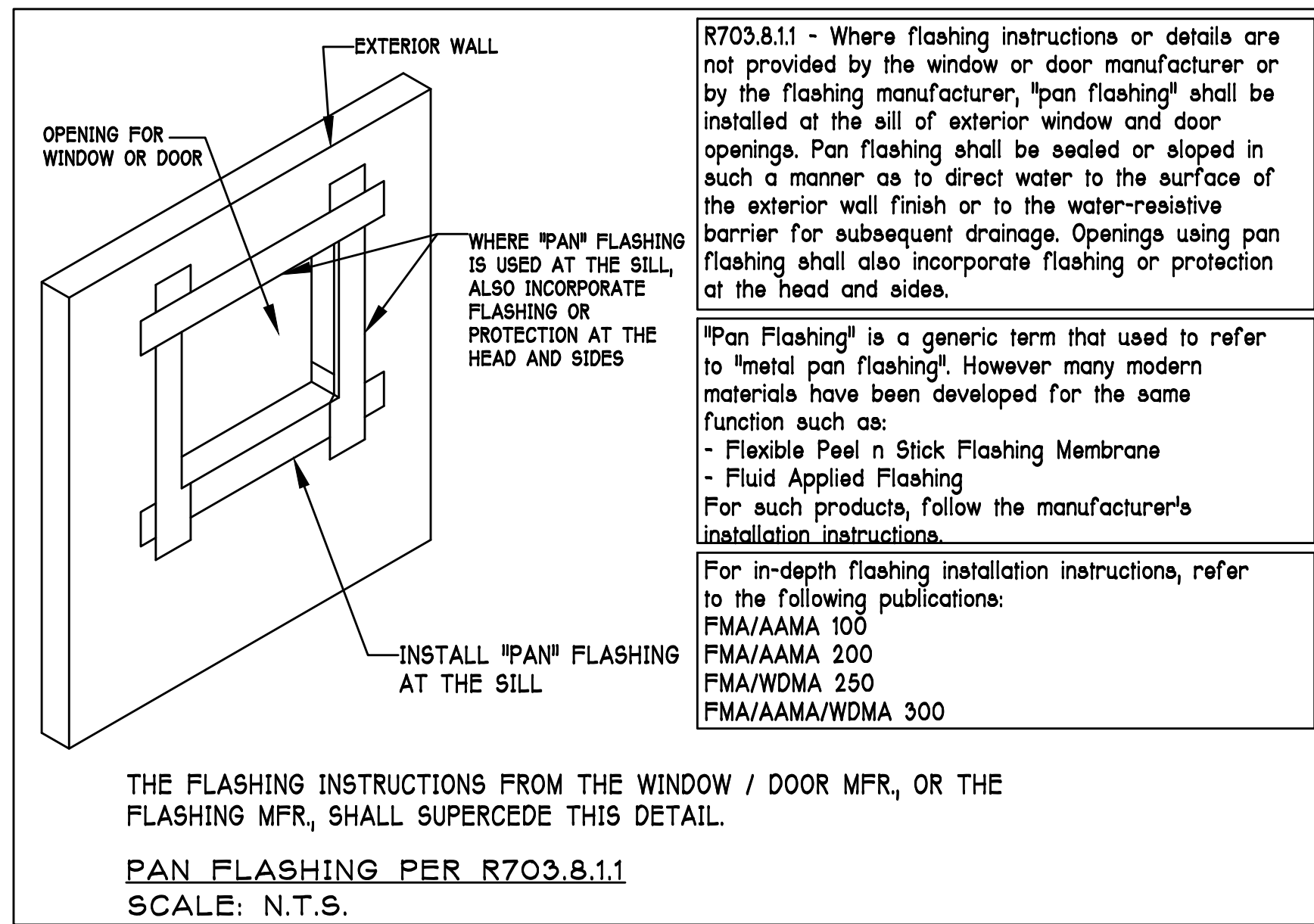
Gulf Coast Drafting & Design
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Fax (239) 540-7759

STRUCTURAL SYSTEMS
1624 SE 47th ST SUITE 43
CAESAR'S PALACE
MIAMI, FL 33140
CA 8829

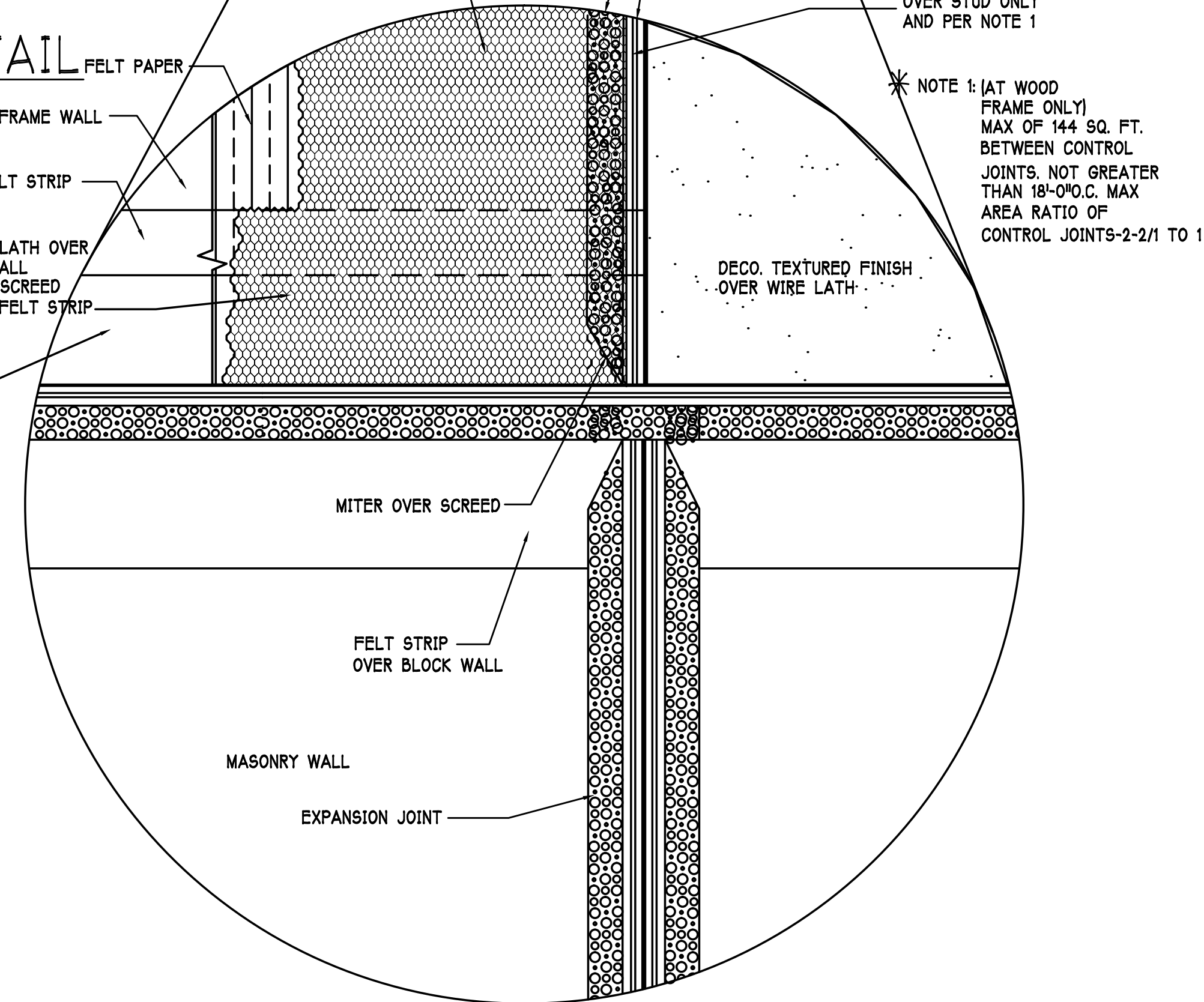
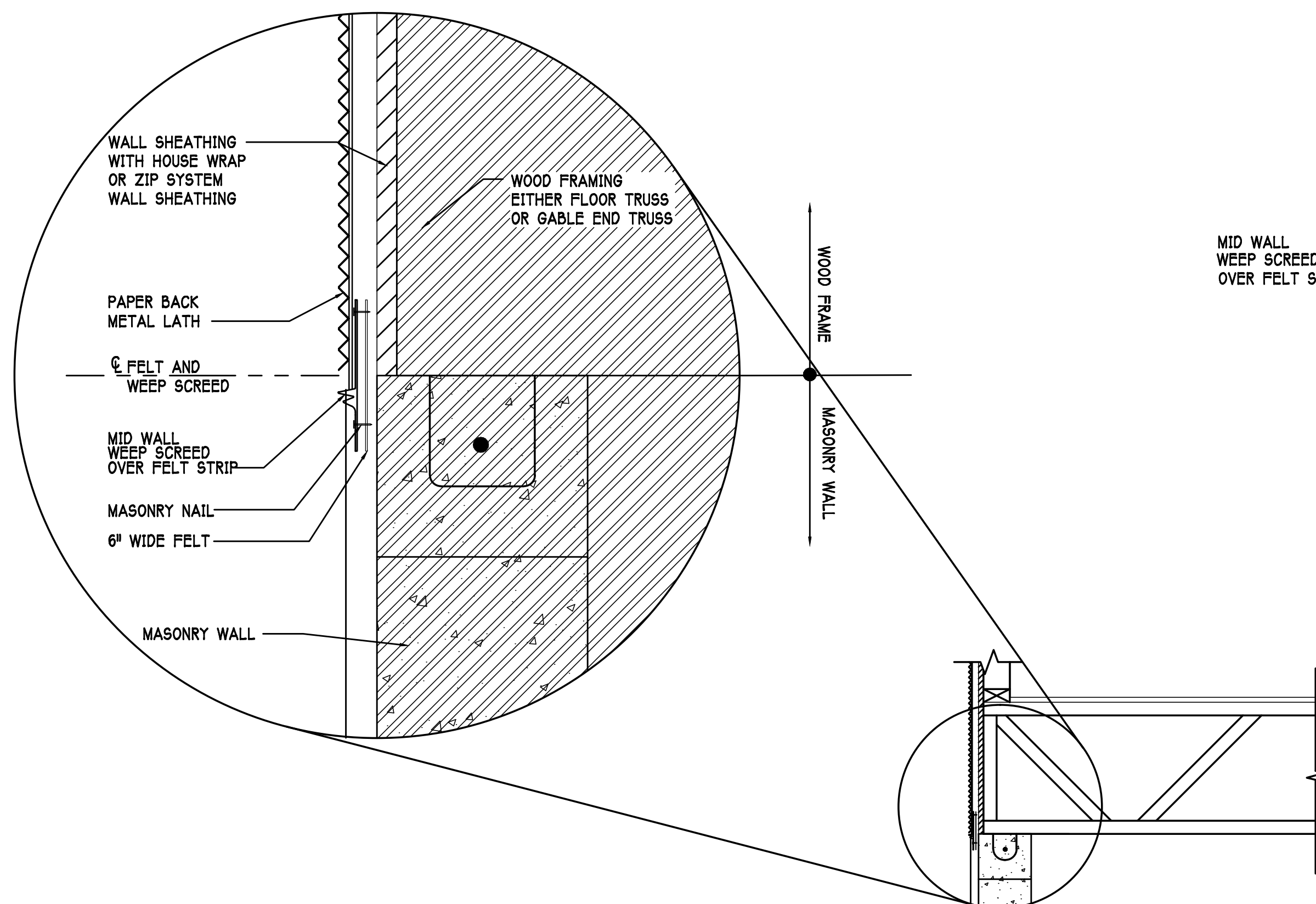
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SCALE: AS NOTED
SHEET# A-6

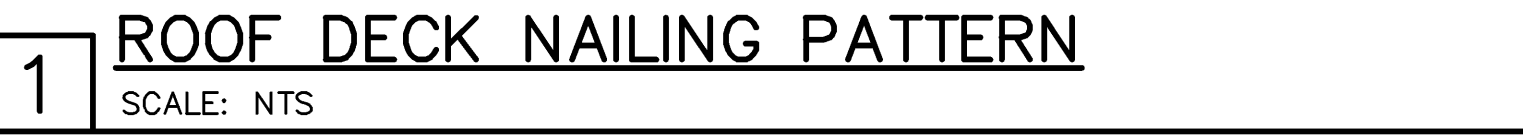


MID WALL WEEP SCREED DETAIL



WEEP SCREED DETAIL

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



2	NOTE: EXTERIOR CEILINGS AND SOFFITS SPECIFIED HERE MEET THE DESIGN WIND PRESSURES PER R703.1.3.
---	---

1) TABLE MAY BE USED FOR ANY SIZE WINDOW OR DOOR IN EACH TYPE.

2) USE "INTERIOR ZONE 4" PRESSURES UNLESS WINDOW OR DOOR IS LOCATED WITHIN THE "END ZONE 5" (SEE DIAGRAM BELOW). THEN USE THE HIGHER PRESSURES UNDER THE "END ZONE 5" COLUMN.

3) IF WINDOW OR DOOR IS LOCATED AT AN INTERIOR CORNER OF BUILDING, USE IMPACT RATED SHUTTERS.

4) SUBMIT PRODUCT APPROVALS TO THE BUILDING DEPARTMENT AS REQUIRED BY THE LOCAL JURISDICTION.

5) MANUFACTURED SOFFIT PRODUCTS SHALL BE INSTALLED PER MFR ENGINEERING SPEC SHEETS.

* ON IRREGULAR SHAPED BUILDINGS, THERE IS NO GUIDANCE IN THE CODE

FOR HOW FAR A CORNER MUST PROTRUDE FROM THE MAIN BUILDING TO BE CONSIDERED "ZONE 5". WE HAVE CHOSEN ">1'". THIS IS SUBJECT TO JUDGEMENT CALL BY THE AUTHORITY HAVING JURISDICTION.

END ZONE 5 PRESSURES OCCUR AT "PRIMARY" OUTSIDE CORNERS OF BUILDING (BOLD LINES)

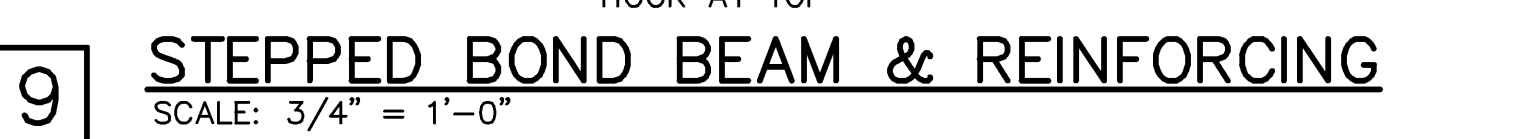
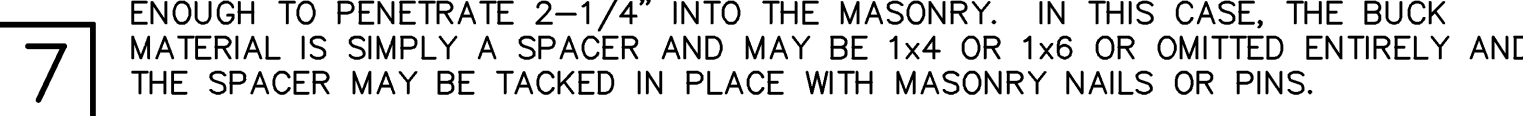
INTERIOR ZONE 4 PRESSURES

END ZONE WIDTH = 5'-0" MEASURED FROM FACE OF WALL

TYPICAL HOUSE PLAN

IN ZONE 5, MANUFACTURED SOFFIT PRODUCTS MAY REQUIRE ADDITIONAL BATONS OR FASTENING PER MFR ENGINEERING SPEC SHEETS TO MEET THE PRESSURE REQUIREMENTS.

3



10 RETROFIT UPLIFT CONNECTOR SCHEDULE



3. REINFORCED CONCRETE: DESIGN AS PER ACI 318-11

REQUIRED CONCRETE STRENGTH AT 28 DAYS:

SLAB ON GRADE	$f'c = 2500$ PSI
3 1/2" MINIMUM THICKNESS REINFORCED WITH 6x6 w/1.4xw1.4 WWF OR FIBERMESH.	
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"
SLAB ON GRADE	CENTERED
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

SPLICES IN REINFORCING, SHALL BE 40 BAR DIAMETERS. NON-CONTACT LAP SPLICES MAY BE USED PROVIDED REINFORCING IS NOT SPACED MORE THAN 5' APART FOR #5 BARS.

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, GUYING 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.

STRUCTURAL ENGINEERING:

**STRUCTURAL
SYSTEMS
OF NORTH FLORIDA**

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

CA# 8829

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 5th EDITION (2014) RESIDENTIAL

BUILDER:

STRUCTURAL DETAILS FOR

STRUCTURAL DETAILS
MODEL 1983 C
3 CAR GARAGE
11722 GOOMBAY COURT
SARASOTA, FLORIDA
LOT: 69 SUBDIVISION: CARIBBEAN VILLAGE

DESIGN/DRAWN DWB/DWB
CHECKED DWB
DATE 07/28/16
SCALE AS NOTED
JOB NO. DR9490
SHEET

S-1

SHEET 1 OF 2

REVISIONS	BY

STRUCTURAL ENGINEERING:

STRUCTURAL SYSTEMS OF NORTH FLORIDA

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

DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 8th EDITION (2014) RESIDENTIAL

BUILDER:

D. RHOTHON • P.E.

America's Builder

STRUCTURAL DETAILS FOR

MODEL 1983 C

3 CAR GARAGE

11722 COOMBAY COURT
SARASOTA, FLORIDA
LOT: 69 SUBDIVISION: CARIBBEAN VILLAGE

DESIGN / DRAWN
DWB / DWB

CHECKED
DWB

DATE
07/28/16

SCALE
AS NOTED

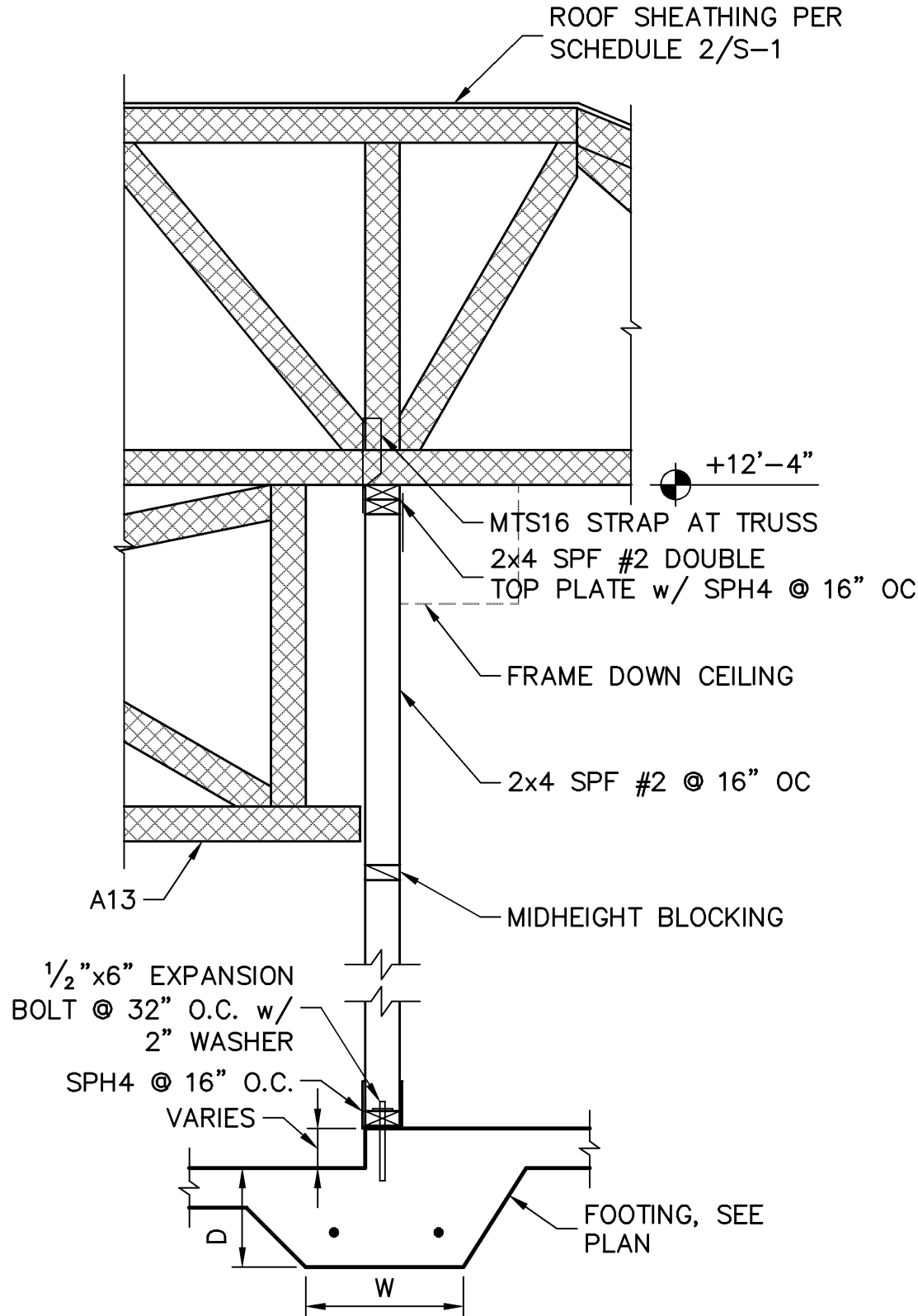
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DR9490

SHEET

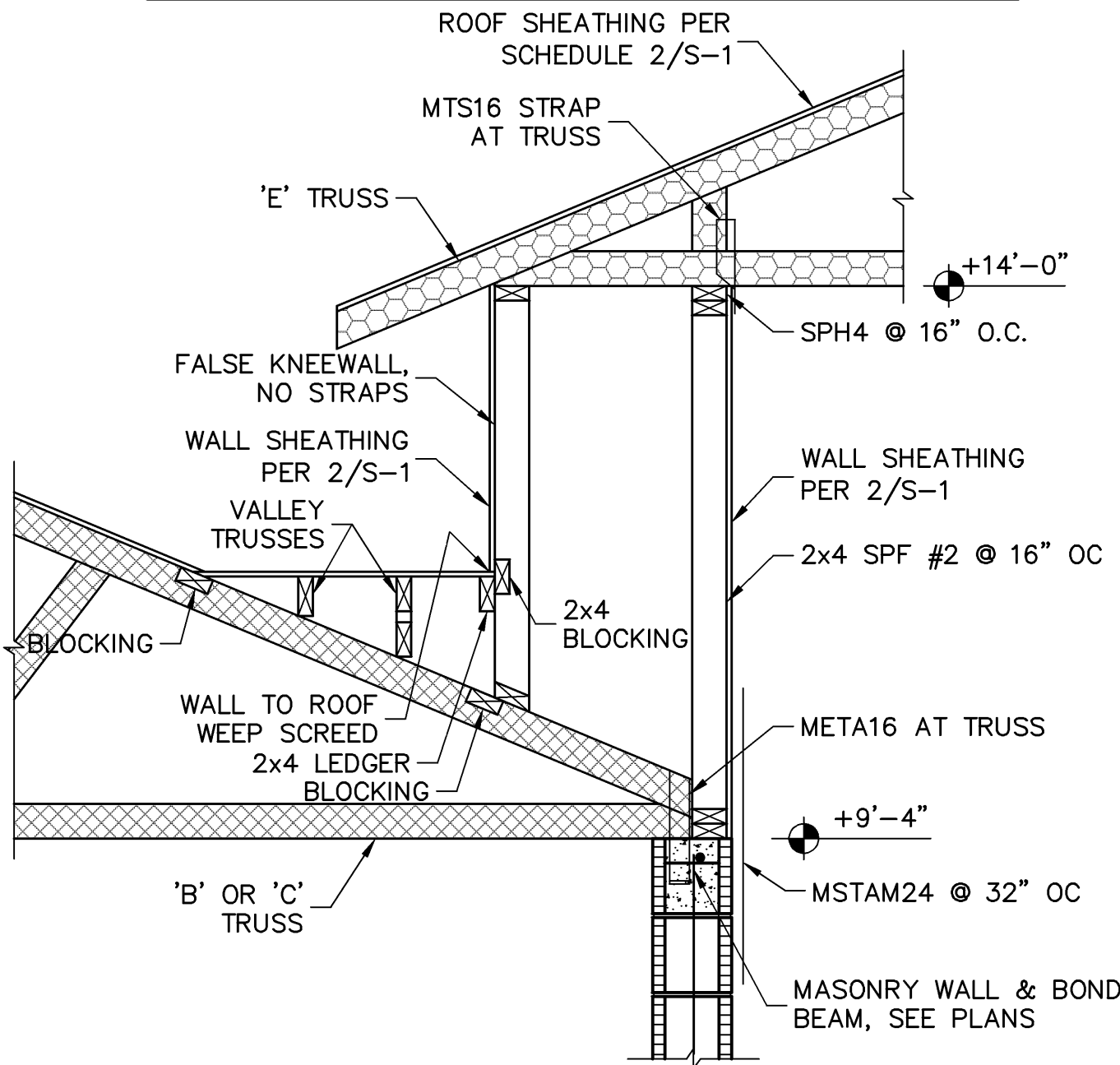
S-2

SHEET 2 OF 2

At Exterior Stud Walls and Gable Ends with Wall Sheathing, apply plaster over metal lath over water resistive barrier as follows:
Plaster R703.6.2: 3-coat 7/8" thick portland cement based plaster per ASTM C926.
Metal Lath R703.6.1: 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) R703.6.3: 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).



1 SECTION AT FOYER
SCALE: 3/4" = 1'-0"



2 KNEEWALL @ ENTRY
SCALE: 3/4" = 1'-0"

FOR PROBUILD TRUSSES, EXPOSURE C, A & C ELEVATION, 3 CAR GARAGE, JOB # MASTER, DATED: 02/08/16, REVISED: NONE