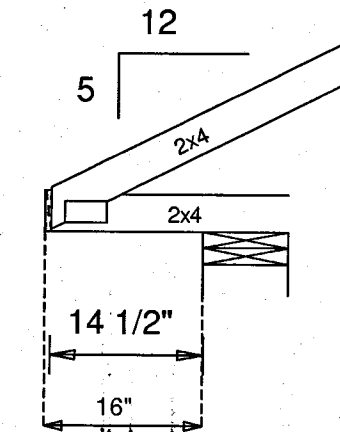


Typical End Special

6 3/16



NOTE: NO MECHANICAL EQUIPMENT LOADS
IN OR HUNG FROM TRUSSES
ie: AIR HANDLERS OR WATER HEATERS

FRAME DOWN BY G.C.
AS REQUIRED FOR COFFER

ALL LANAI'S AND ENTRIES ARE
DESIGNED PARTIALLY ENCLOSED

STRUCTURAL FASCIA BY G.C.
AS REQ BY ENGINEERING

NOTE:
TYP. 2X4 OUTLOOKERS
ALL DROP GABLES

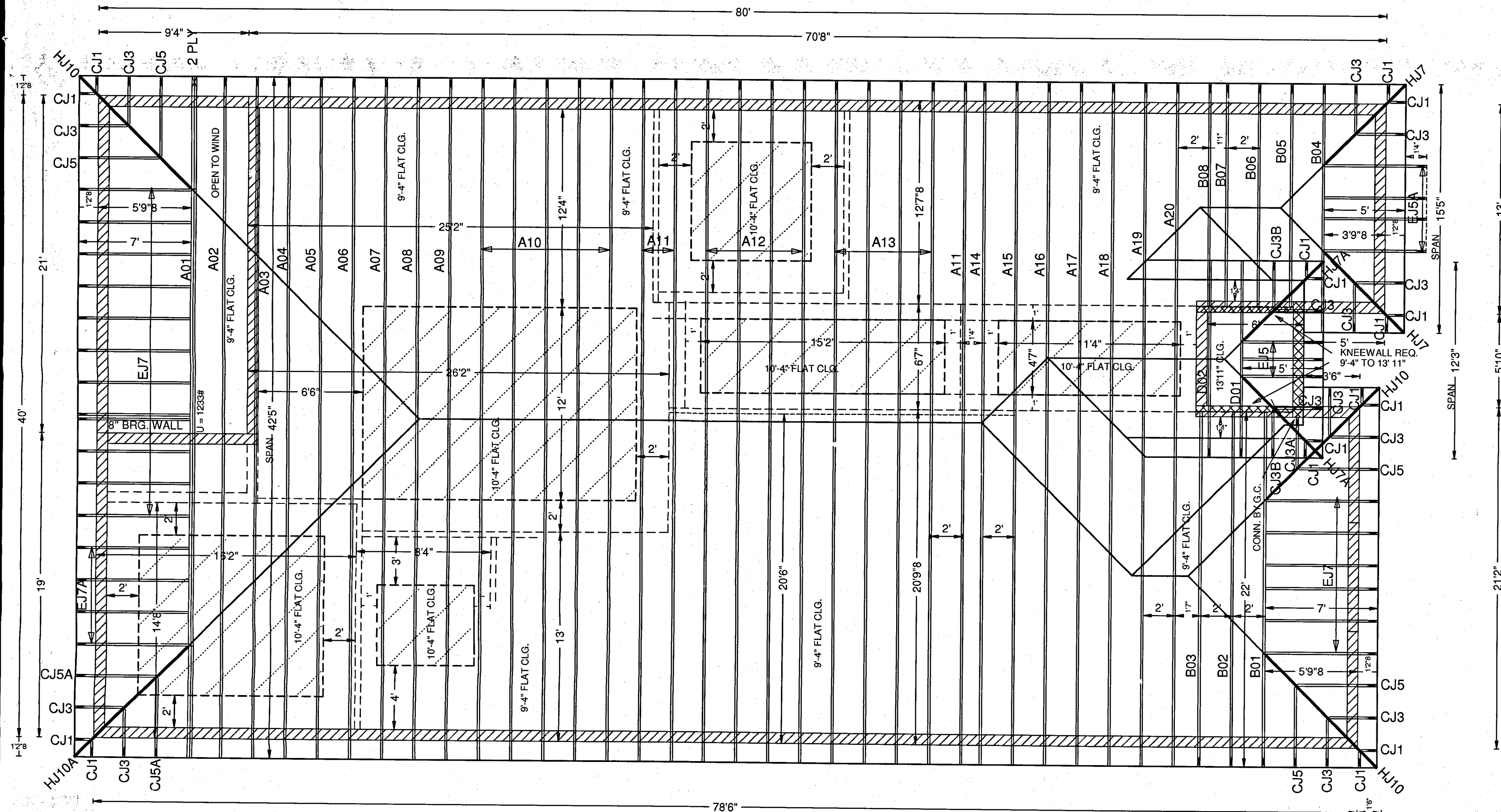
Engineer of Record for the Structure
Structural Systems of N. FL, Inc.
Derek Bergener, PE # 58552
1634 SE 47th Street # 3
Cape Coral, FL 33904

Sign: *[Signature]* Date: 10/22/15
Reviewed for conformance with the design intent
of the structure and specified design criteria.
☒ Accepted ☐ As noted ☐ Revise and Resubmit

BEARING KEY

9'-4" A.F.F.

13'-11" A.F.F.



Uplift & Reaction Key
(1) = Uplift From 1,000# to 1,195#
(2) = Uplift From 1,196# to 2,390#
(3) = Uplift From 2,391# to 3,685#
(4) = Uplift From 3,686# to 5,000#
(5) = Uplift > 5,000#
(*) = Vertical Reaction > 5,000#
See Reaction List and Shop Drawings

Hanger Key
(A)=LUS24 (F)=HGUS28-3 (K)=SUL26
(B)=HUS26 (G)=GTU80 (L)=SUR26
(C)=HUS28 (H)=THGBH3 (M)=HHUS46
(D)=HHUS28-2 (I)=THGBH4 (N)=THA422
(E)=HGUS28-2 (J)=THJA26
Hanger Symbol Denotes
Truss - to - Truss Connection.
All Hangers are HUS26
Unless Otherwise Noted.

Design Criteria
MWFRS and COMPONENTS & CLADDING
Wind Load Type : ASCE 7-10
Building Type : Enclosed
Building Exposure : B
Usage : Cat II Residential 1.0
Bottom Chord Analyzed with 10 PSF Non-Concurrent
Live Load and 20 PSF Concurrent Live Load on
Trusses Designed with Storage as Specified on
Layout See Shop Drawings for Specifics.

GRAVITY		WIND	
TC LL	20 PSF	TC DL	5 PSF
TC DL	20 PSF	BC DL	5 PSF
BC DL	10 PSF	TOTAL 10 PSF	
TOTAL 50 PSF			

DURATION= 1.25 WIND = 160 MPH

Spacing = 24 " O.C.

Your Signature WILL Acknowledge:

- 1) Authorization for FABRICATION.
- 2) Verification of ALL Dimensions, Conditions, and Trusses. Trusses will be made in STRICT accordance with this Placement Plan. It is YOUR responsibility to check this plan.
- 3) Erection of trusses per TPI Bulletin BCS-B1
- 4) ALL permanent and temporary bracing, is CONTRACTOR'S responsibility.
- 5) Any Valleys or Ceiling drops NOT provided by Truss Plant are to be FIELD FILLED by Contractor.
- 6) Truss Plant supplies only TRUSS to TRUSS Connections.
- 7) NO back charges or crane charges of any kind will be accepted unless SPECIFICALLY AUTHORIZED in writing by Truss Plant Management.
- 8) Hip Jacks & Corner Jacks are DOUBLE beveled @ 45. Jacks requiring an angle other than this are to be cut in field by OTHERS.

Signed: _____

Date: _____
Return One Approved Placement Plan
Scheduling will NOT start until RETURNED!!

Revisions			
#	Date	Remarks	Int.

Raymond Building Supply Corp

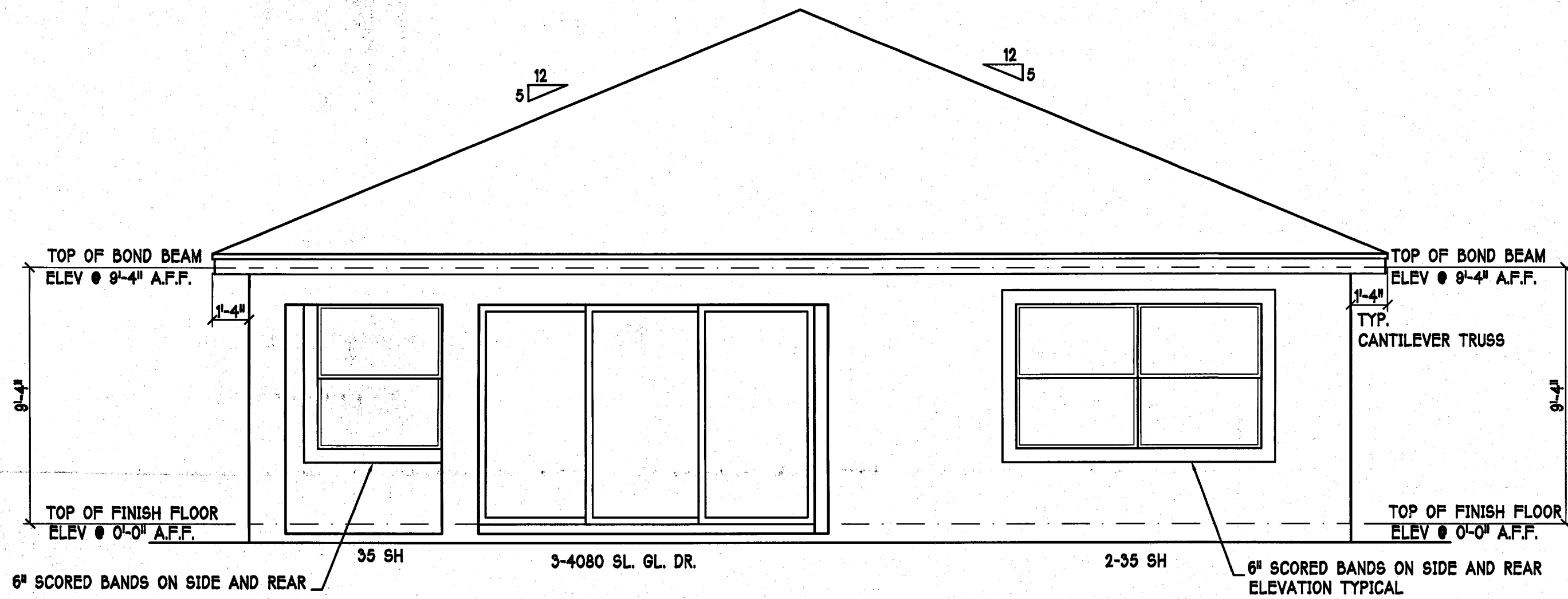
North Fort Myers
7751 Bayshore Rd.
N. Fort Myers, FL 33917
Tel (239) 731-6300
Fax (239) 731-0383
North Port
Tel (941) 429-1212
Naples
Tel (239) 348-7272

Job Information

RBS# : 13050802M8
Builder: D.R. HORTON
Owner :
County :
City :
Address:
Lot :
Block :
Sub :
Model : 2431-M

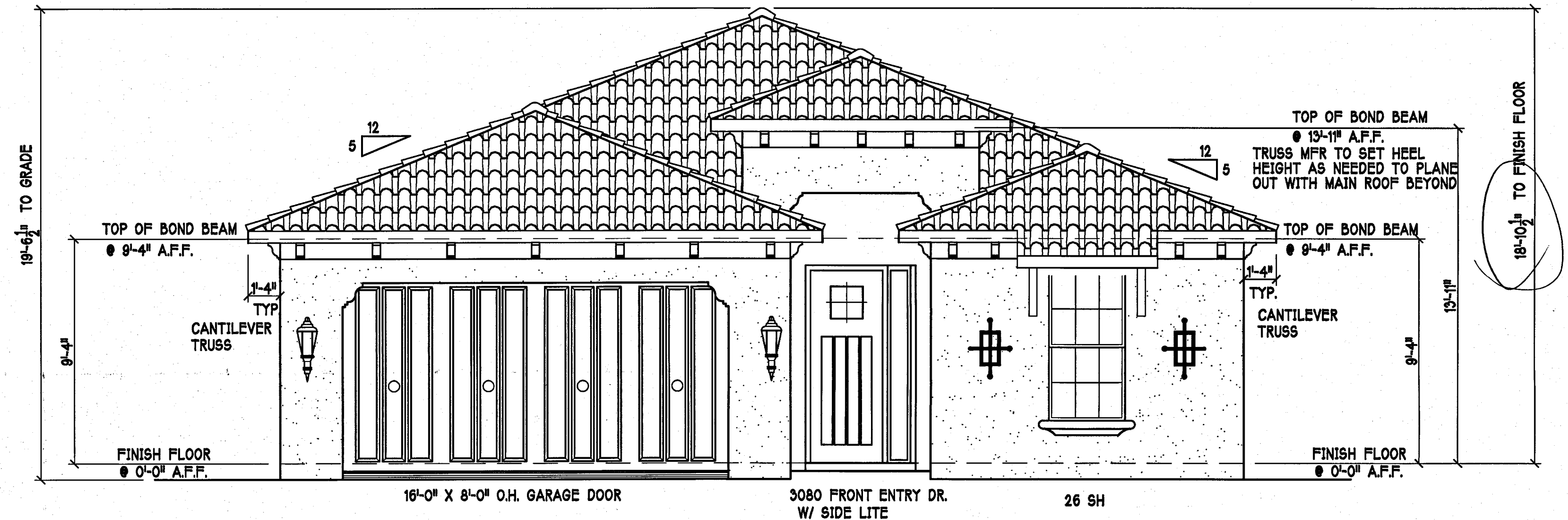
Roof Covering: SHINGLE/TILE
Scale : 3/16" = 1'-0"
Date : June 17, 2014
Drawn By: Ramiro Chavez

G/L



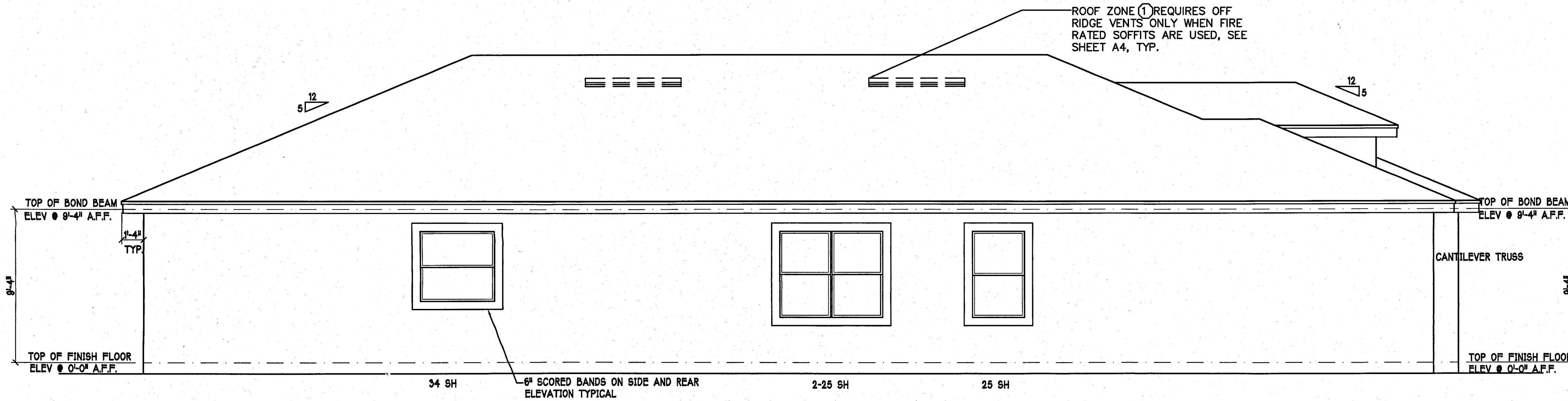
REAR ELEVATION: "M"

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



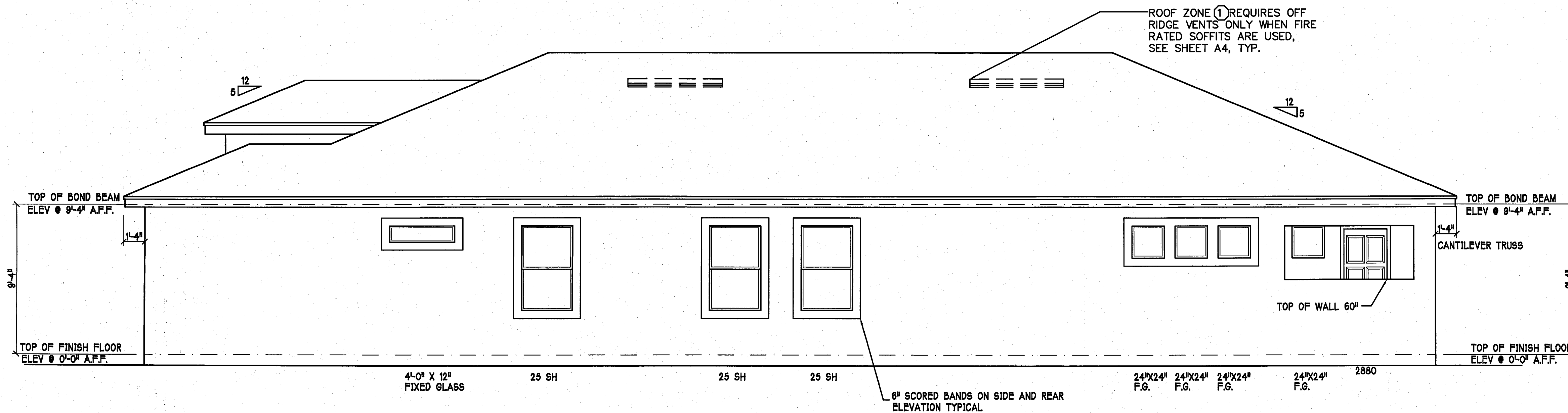
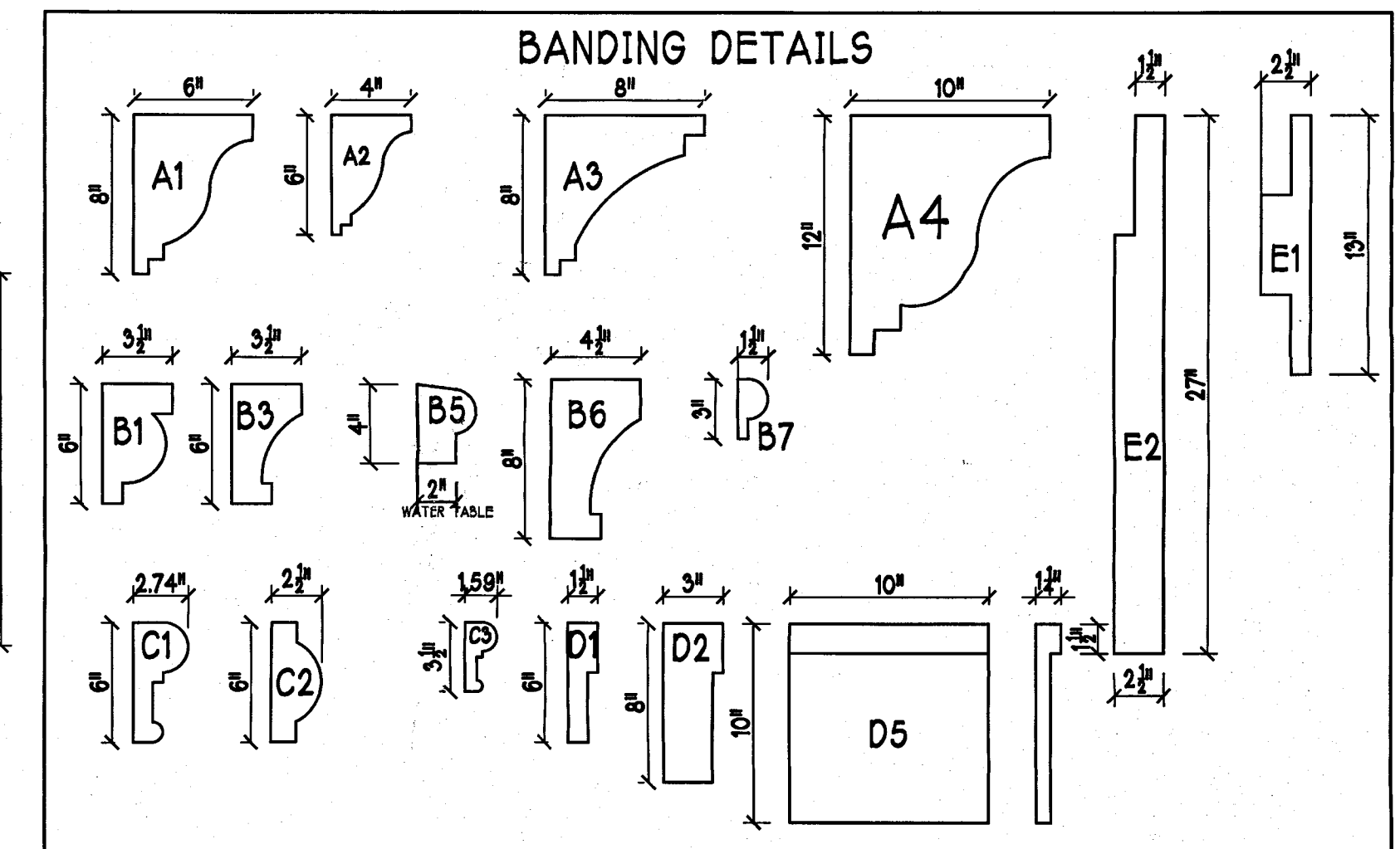
FRONT ELEVATION: "M"

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



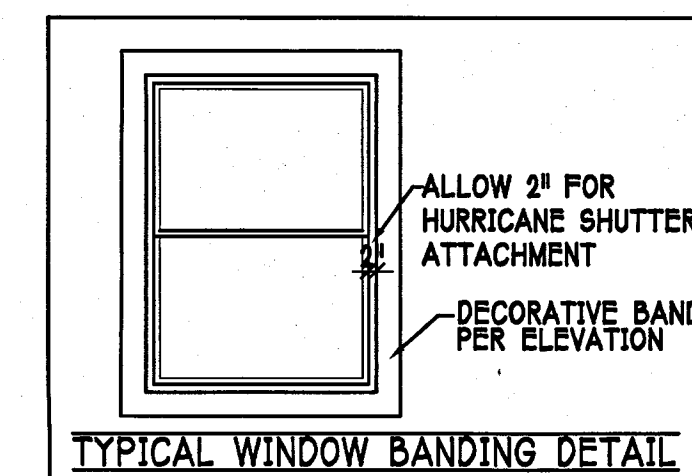
LEFT SIDE ELEVATION: "M"

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

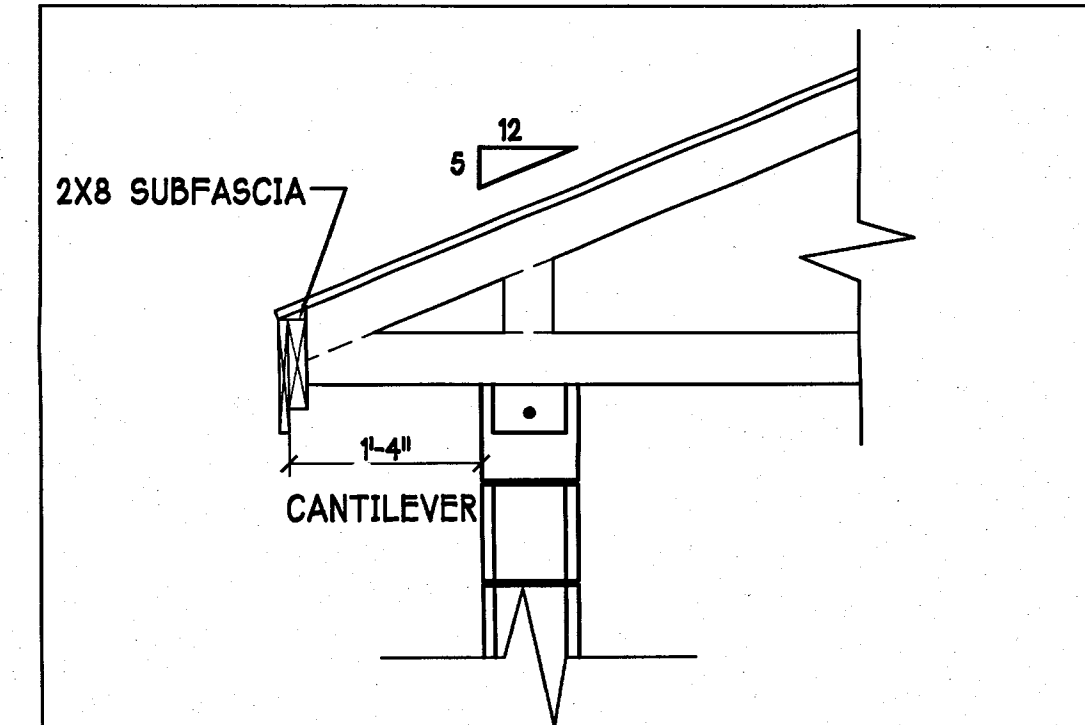


RIGHT SIDE ELEVATION: "M"

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



TYPICAL WINDOW BANDING DETAIL



SOFFIT DETAIL

SCALE: 3/4" = 1'-0"

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RESIDENTIAL FLORIDA BUILDING CODE- 5TH
EDITION

DR-HOHN
America's Builder

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

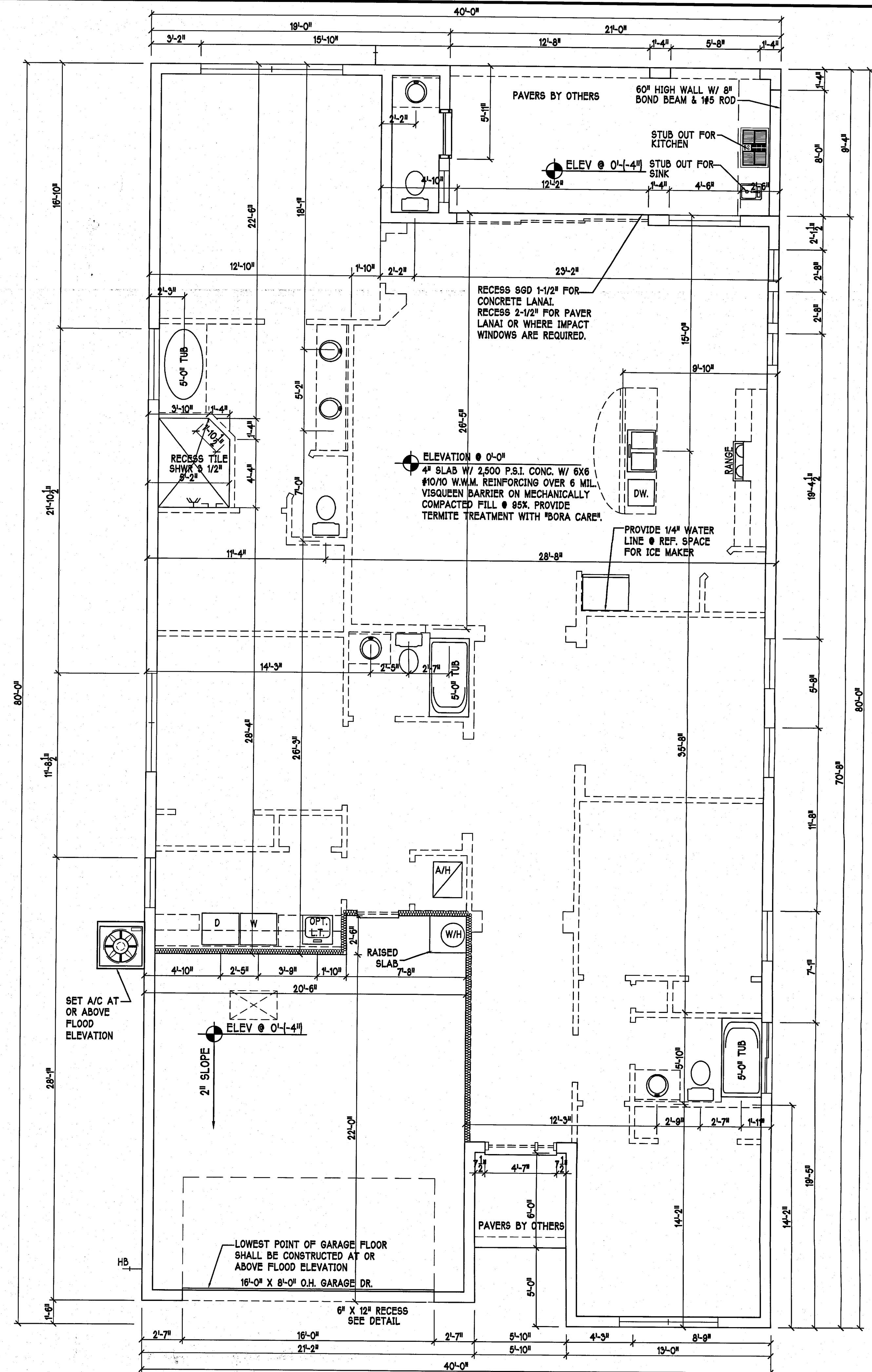
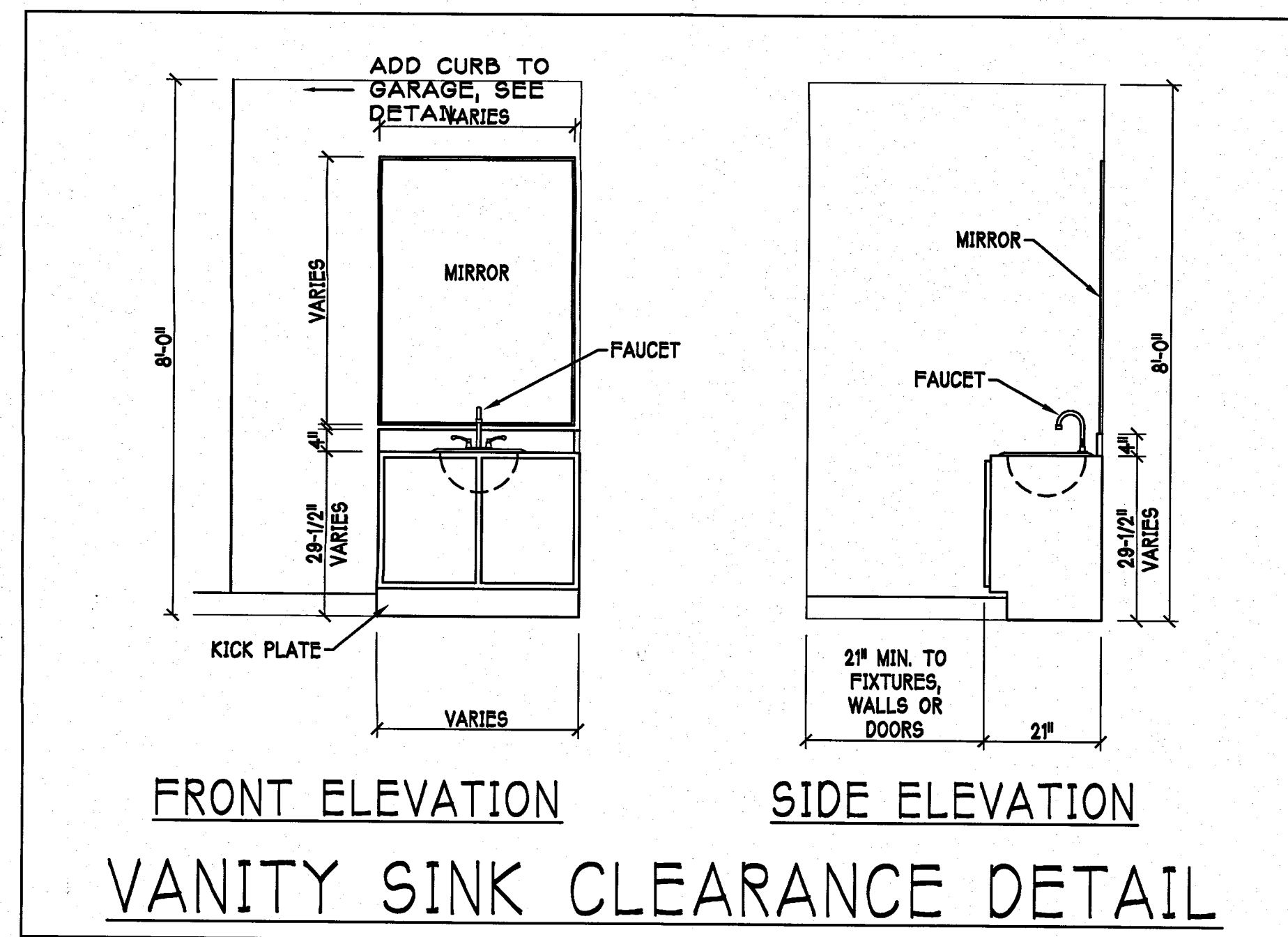
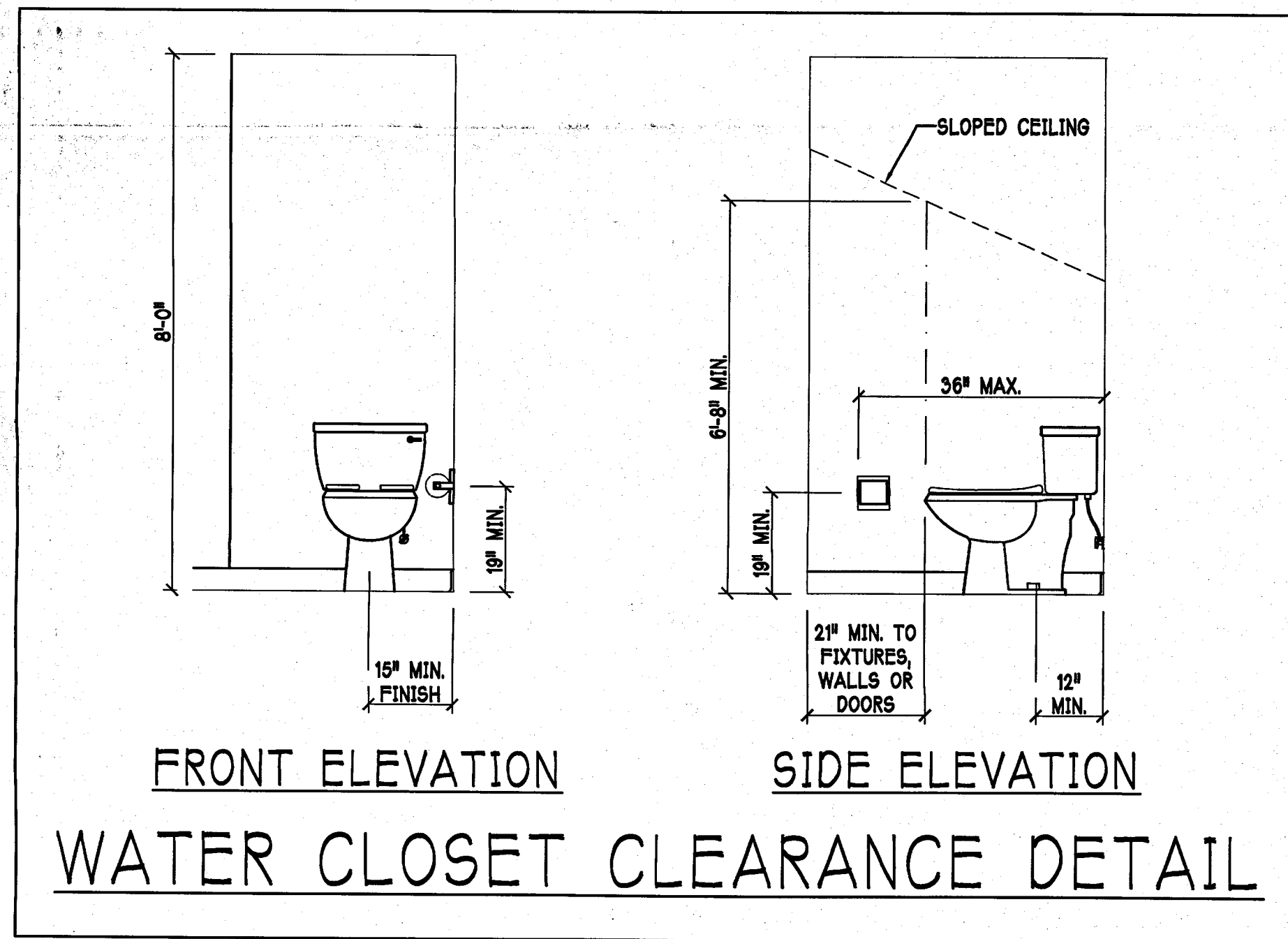
MODEL:
UNIT 2431

RESIDENCE FOR:
SPEC

LOT: 128 BLOCK:
SUBDIV: BARRINGTON COVE
ADDRESS: 16225 ABERDEEN AVE
G.C.D. JOB #: 8788

DATE: 9-10-15
DRAWN BY: JSL
CHECKED BY: JWC
REVISED:
PLAN: ELEVATIONS
SCALE: 1/4" = 1'-0"
SHEET#

A-1 M



SLAB & PLUMBING PLAN:

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

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

DR. HOOTON
 America's Builder

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

UNIT 2431

MODEL:

RESIDENCE FOR:

SPEC

LOT: 128

BLOCK:

SUBDIV: BARRINGTON COVE

ADDRESS: 1625 ABERDEEN AVE

G.C.D. JOB #: 8788

DATE:

9-10-15

DRAWN BY:

JSL

CHECKED BY:

JWC

REVISED:

PLAN:

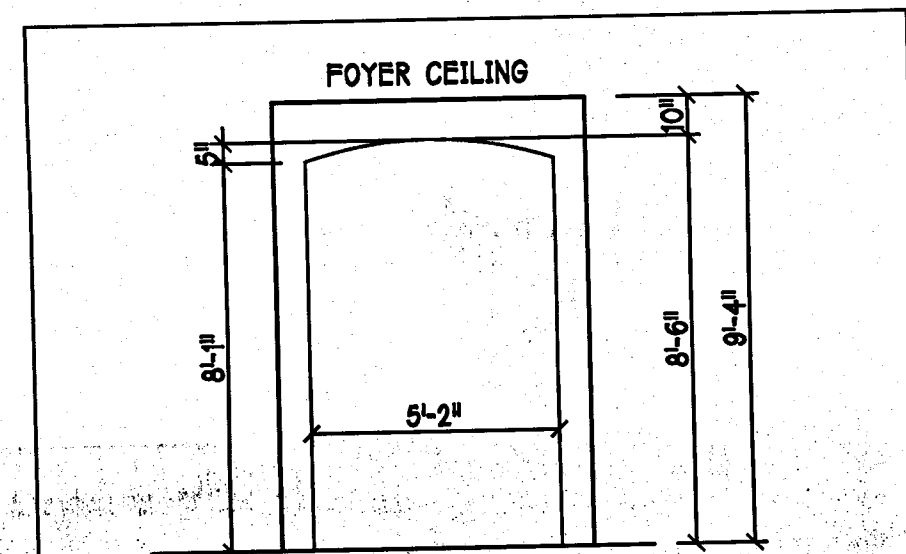
SLAB & PLUMBING

SCALE:

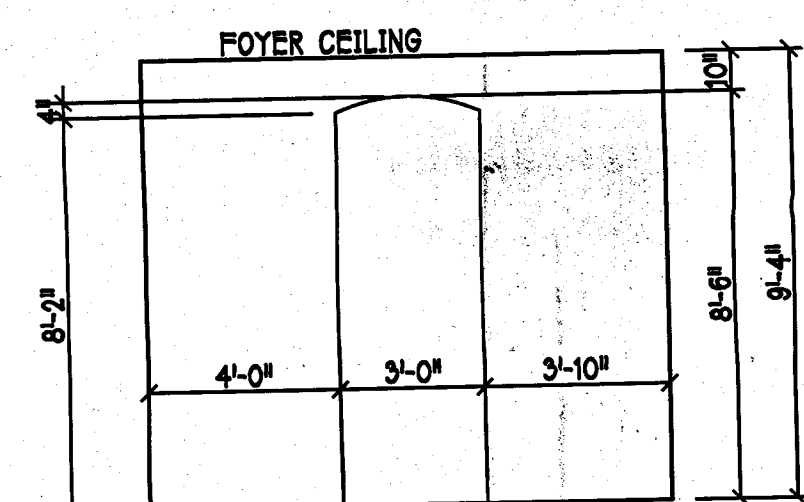
1/4" = 1'-0"

SHEET#

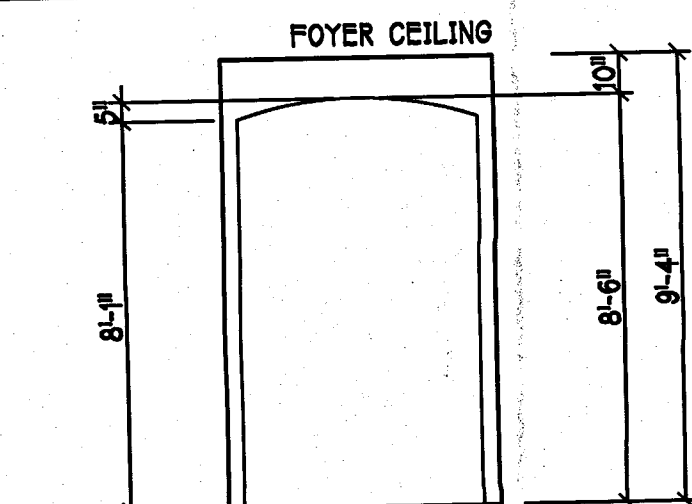
A-2M



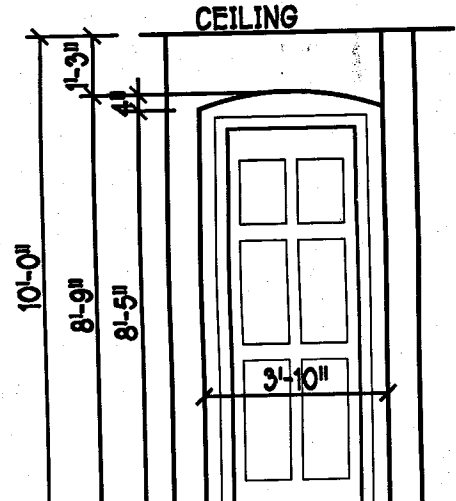
FOYER DETAIL



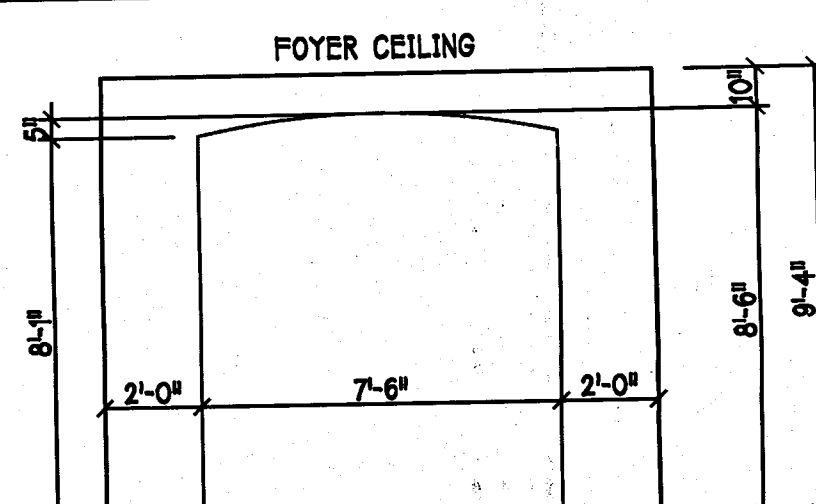
HALL/FOYER DETAIL



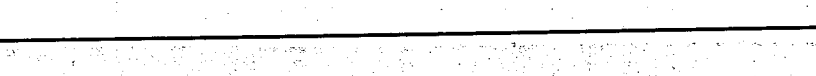
FOYER DETAIL



DEN/FOYER DETAIL



MASTER SUITE DETAIL

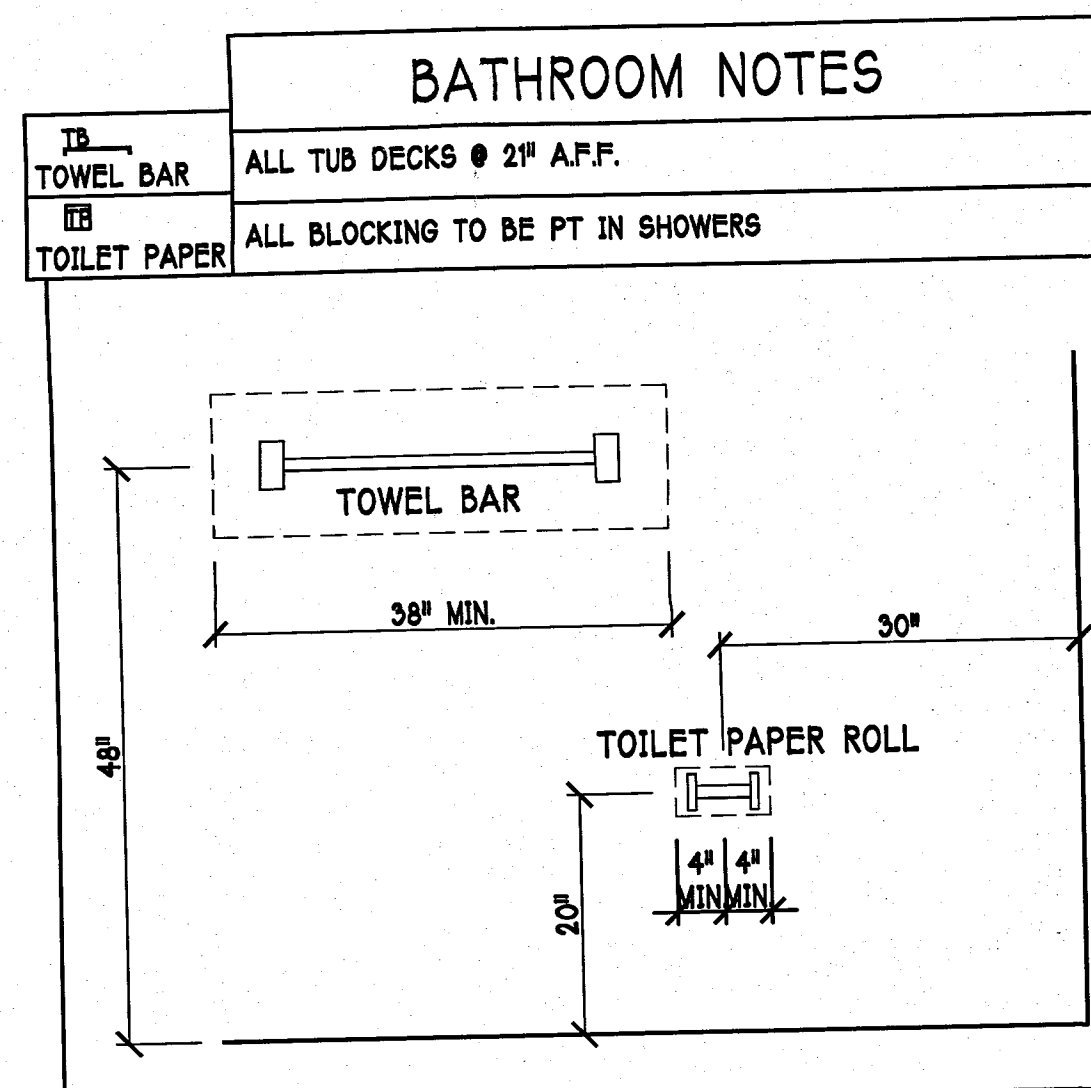


FOYER DETAIL

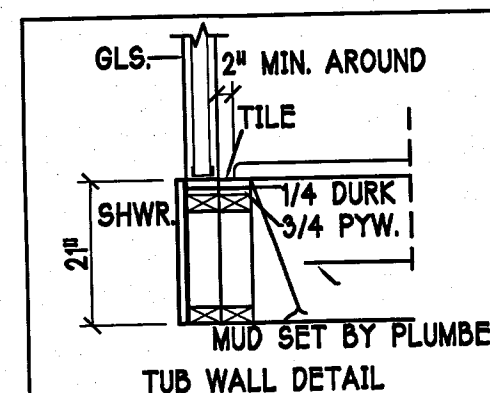
D R HORTON					
MARK	SIZE CODE	PRODUCT DESCRIPTION	DOOR WIDTH	DOOR HEIGHT	COMMENTS
1	OVERHEAD	GARAGE DOOR	182	86	
2	3080 ENTRY DR.	DISTINCTION	36	86	
3	2880 EXT. DOOR	DISTINCTION	30	86	
SEE NOTE 1					3

D R HORTON					
MARK	SIZE CODE	PRODUCT DESCRIPTION	DOOR WIDTH	DOOR HEIGHT	COMMENTS
A	35	SH	54	63	
B	25	SH	38	63	
C	48" X 12" F.G.	FIXED GLASS	48	12	TEMPERED
D	34	SH	54	51	
E	2-35	SH	108	63	
F	3-4080 SL. GL. DR.	SL. GL. DOOR	108	96	
G	12" X 86" SIDE LITE		12	96	
H	2-25	SH	76	63	
I	2'-0" X 2'-0"	FIXED GLASS	24	24	
J	26	SH	38	78	
SEE NOTE 1					15

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



INTERIOR DOOR SCHEDULE		
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"	

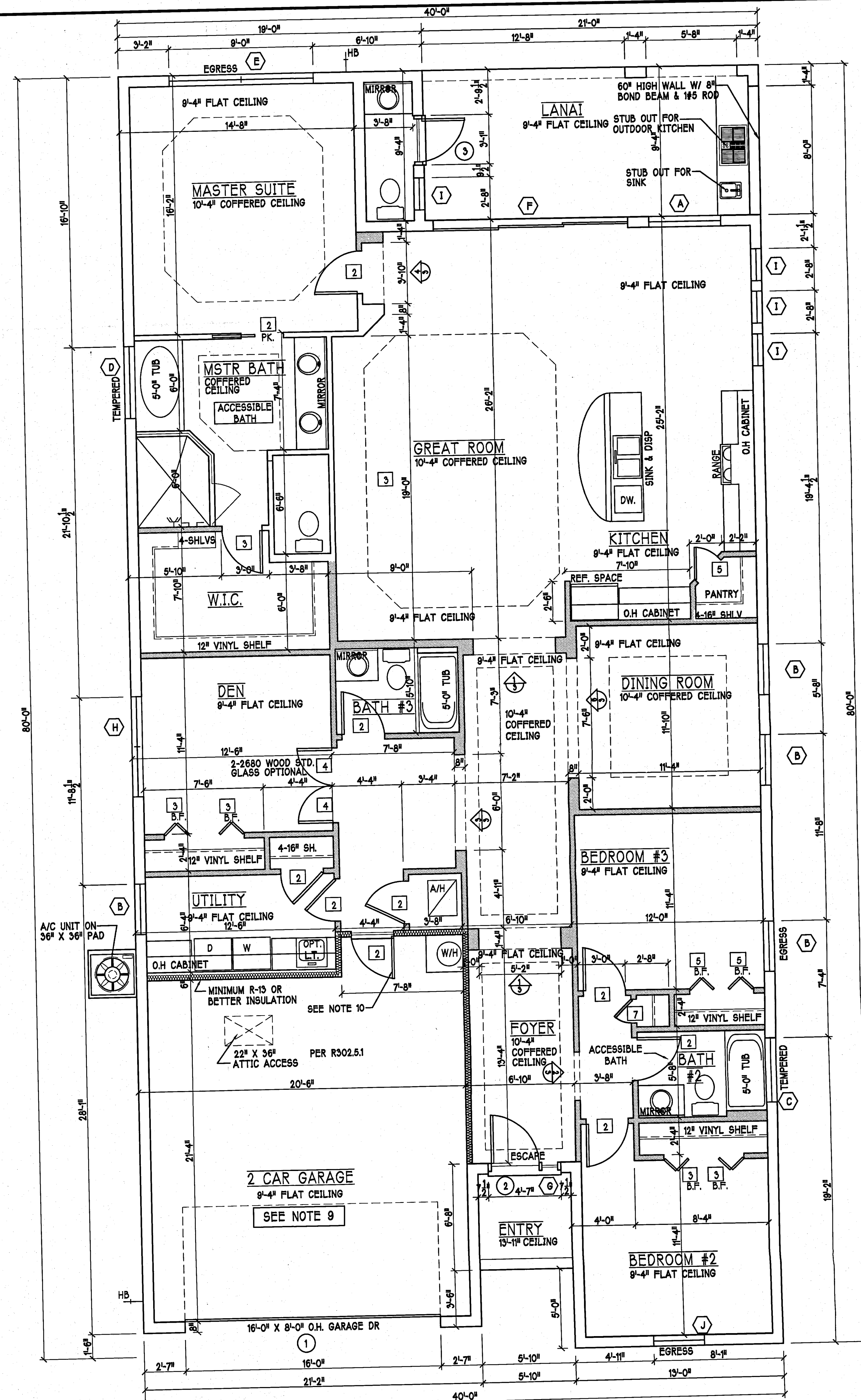


DOOR HEADERS		
6'-8" BIFOLD	HEADER HEIGHT	82" A.F.F.
6'-8" SWING	HEADER HEIGHT	82 1/2" A.F.F.
8'-0" SWING	HEADER HEIGHT	98 1/2" A.F.F.

- PLAN NOTES**
- VERIFY ALL ROUGH OPENING DIMENSIONS FOR ALL WINDOWS AND DOORS
 - PROVIDE SAFETY GLAZING WITHIN 24" FROM EXIT PER FLORIDA BUILDING CODE R 308.3.1.
 - PROVIDE SAFETY GLAZING AT BATH / SHOWER PER FLORIDA BUILDING CODE R 308.3.1.
 - NON BEARING INTERIOR FRAME WALLS SHALL BE FRAMED W/ WOOD OR METAL STUDS. SPACING SHALL NOT EXCEED 24" O.C. (NON BEARING WALLS ONLY)
 - PROVIDE DEAD WOOD IN ATTIC FOR OVERHEAD GARAGE DOOR HARDWARE
 - KITCHEN KNEE WALL TO BE FRAMED W/ TOP @ 41 1/2" A.F.F. W/ RAISED BAR TOP
 - 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
 - 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 IX 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
 - INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.5.1, DOOR SHALL BE SELF CLOSING PER R302.5.1
 - ALL WINDOWS INSTALL 72" ABOVE GRADE MUST COMPLY WITH R 612.2 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PREVENTION DEVICE
 - STUB OUT FOR GAS @ OUTDOOR KITCHEN, RANGE, WATER HEATER, AND DRYER. VERIFY WITH CONTRACTOR AND SUBDIV. SPECS. A SEPARATE PERMIT IS REQUIRED FOR GAS PIPING.
 - ALL CLOSET SHELVES TO BE 12". ALL PANTRY & LINEN TO BE 14-16" SHELVES 18" O.F.F. WITH 15" INCREMENT.

CABINET BACKING		
KITCHEN	UPPER TOP @ 84"	BASE TOP @ 35"
MASTER BATH	UPPER	BASE TOP @ 35"
GUEST BATH	UPPER	BASE TOP @ 35"
LAUNDRY RM.	UPPER TOP @ 84"	BASE

SQUARE FOOTAGE	
LIVING AREA	2431
GARAGE AREA	476
LANAI AREA	186
ENTRY AREA	35
TOTAL AREA	3138



1st FLOOR PLAN:

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

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

D. RHODIN, P.E.
America's Builder

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

UNIT 2431




MODEL:
RESIDENCE FOR: SPEC

LOT: 128 BLOCK:
SUBDIV: BARRINGTON COVE
ADDRESS: 1625 ABERDEEN AVE
G.C.D. JOB #: 8788




DATE: 9-10-15
DRAWN BY: JSL
CHECKED BY: JWC
REVISED:
PLAN: FLOOR
SCALE: 1/4"=1'-0"
SHEET#

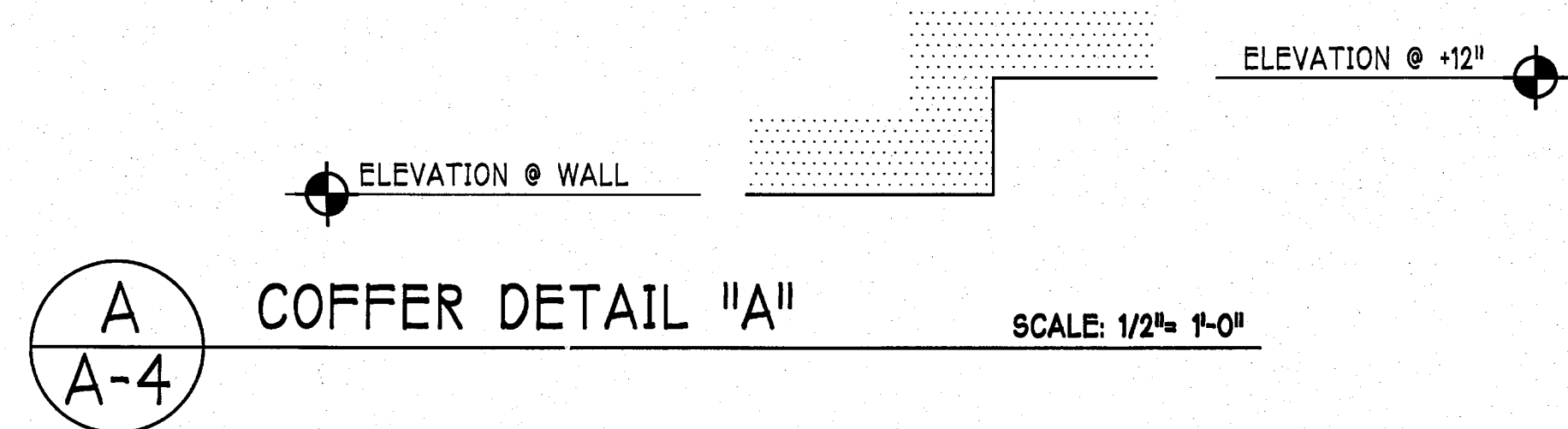
A-3M

SOFFIT VENTS AROUND FULL PERIMETER
NO FIRE RATED SOFFITS

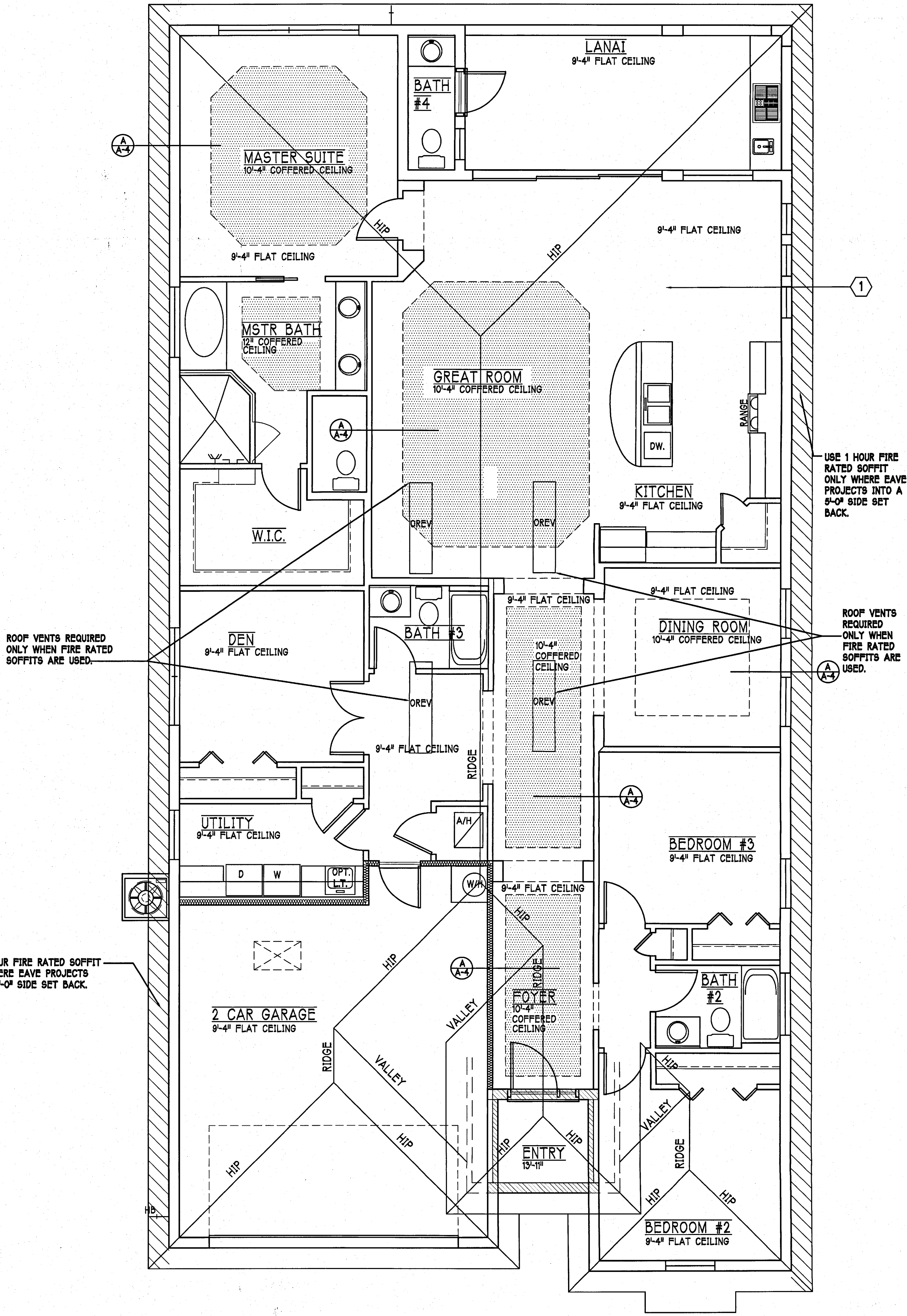
ATTIC VENTILATION						
verify venting requirements with energy calculations		WITHOUT OFF RIDGE VENTS		WITH OFF RIDGE VENTS [O.R.V.]		
ATTIC AREA [FBC R806]		VENTILATION REQUIRED [ATTIC AREA 1/150]		VENTILATION REQUIRED [ATTIC AREA 1/300 INSTALL PER FBC R806.2 MINIMUM AREA REQUIREMENTS]		
mark	square footage	soffit vents	MIN AIR FLOW OF SOFFIT	total ventilation	off ridge vents	MIN AIR FLOW OF SOFFIT
①	3138 SQ. FT.	20.9 SQ. FT.	5.6%	O.R.V. NOT USED		
		ATTIC VENTILATION CALCULATION: attic sq. ft. / 150 = vented sq. ft.		ATTIC VENTILATION CALCULATION: attic sq. ft. / 300 = vented sq. ft.		
<div><div><div>2'-0" BASE</div><div></div><div>6'-0" BASE</div><div>145 SQ. FT. FREE AREA</div></div><div><div>25" BASE</div><div></div><div>25" BASE</div><div>1 SQ. FT. FREE AREA</div></div><div><div>18" BASE</div><div></div><div>18" BASE</div><div>38 SQ. FT. FREE AREA</div></div></div>						
OFF RIDGE EXHAUST VENT SIZES (AREA NET FREE SQUARE FEET) SCALE: 1/4"=1'-0"						

SOFFIT VENTS ALONG FRONT & REAR ONLY
WITH FIRE RATED SOFFITS, BOTH SIDES OF HOUSE.

ATTIC VENTILATION													
verify venting requirements with energy calculations		WITHOUT OFF RIDGE VENTS		WITH OFF RIDGE VENTS									
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	soffit vents	MIN AIR FLOW OF SOFFIT	total ventilation	off ridge vents	MIN AIR FLOW OF SOFFIT							
①	3138 SQ. FT.	DOES NOT QUALIFY		10.5 SQ. FT.	5.2 SQ. FT.	3.3%							
		ATTIC VENTILATION CALCULATION: attic sq. ft. / 150 = vented sq. ft.		ATTIC VENTILATION CALCULATION: attic sq. ft. / 300 = vented sq. ft.									
<div><div><div>6'-0" BASE</div><div>2'-0" BASE</div><div></div><div>145 SQ. FT. FREE AREA</div></div><div><div>25" BASE</div><div>2'-0" BASE</div><div></div><div>1 SQ. FT. FREE AREA</div></div><div><div>18" BASE</div><div>1'-0" BASE</div><div></div><div>38 SQ. FT. FREE AREA</div></div></div> <tr><td colspan="7">OFF RIDGE EXHAUST VENT SIZES (AREA NET FREE SQUARE FEET) SCALE: 1/4"=1'-0"</td></tr>							OFF RIDGE EXHAUST VENT SIZES (AREA NET FREE SQUARE FEET) SCALE: 1/4"=1'-0"						
OFF RIDGE EXHAUST VENT SIZES (AREA NET FREE SQUARE FEET) SCALE: 1/4"=1'-0"													




BEARING HEIGHTS	
	= BEARING @ 9'-4" A.F.F.
	= BEARING @ 13'-11"



CEILING PLAN: "M" SCALE: 1/4" = 1'-0"

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



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

LOT: 128	BLOCK:	MODEL:	UNIT 2431
SUBDIV: BARRINGTON COVE		RESIDENCE FOR:	SPEC
ADDRESS: 16225 ABERDEEN AVE			
G.C.D. JOB #: 8788			

DATE:	9-10-15
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	
PLAN:	ROOF & CEILING
SCALE:	1/4"=1'-0"
SHEET#	A-4M

OPTIONAL ELECTRICAL PLAN 2431

200 Amp. Service			
TAG	QUANTITY	PRODUCT	PRODUCT #
A	(38)	Recessed Cans	
B	(4)	Vapors	
C	(1)	Pendant/Nook	P4070-09
D	(X)	10" Mushrooms	P3410-30
E	(3)	24" Avalon 3 LT	P3268-09
F	(2)	36" Avalon 4 LT	P3269-09
G	(X)	NOT USED	NOT USED
H	(3)	Coach Lights	P5815-30
J	(X)	Coach Lights	P5683-30
K	(X)	J BOX	
L	(4)	4' Fluorescent	P7186-30
M	(3)	2' Fluorescent	P7183-30
N	(X)	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
	DUPLEX FLOOD LIGHT
	EXHAUST FAN
	TRACK MTD. LIGHTS
	A/C DISCONNECT
	PUSH BUTTON
	DOOR BELL
	KEYPAD
	4' FLUORESCENT LIGHT
	2' UNDER COUNTER LIGHT

Electrical Notes:

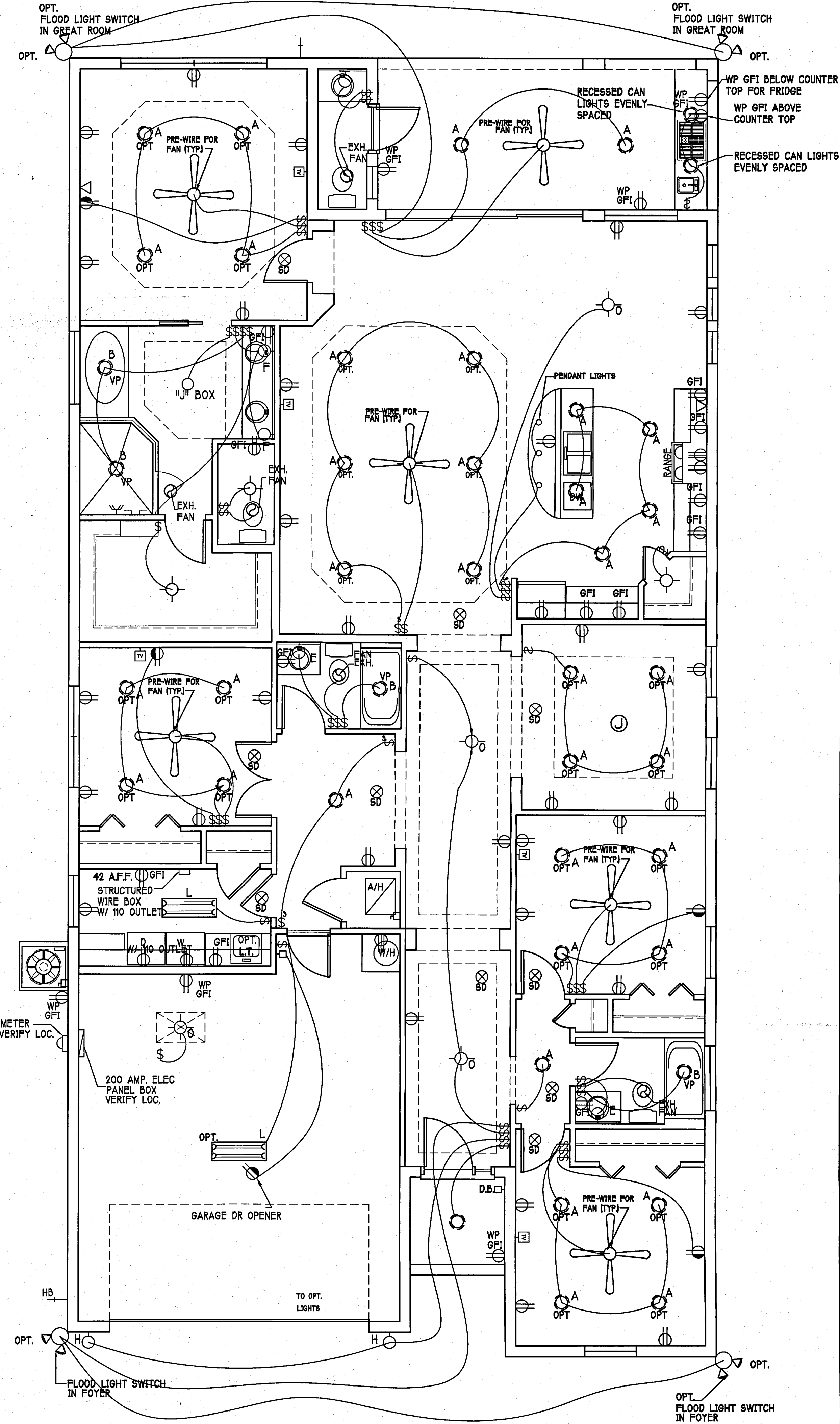
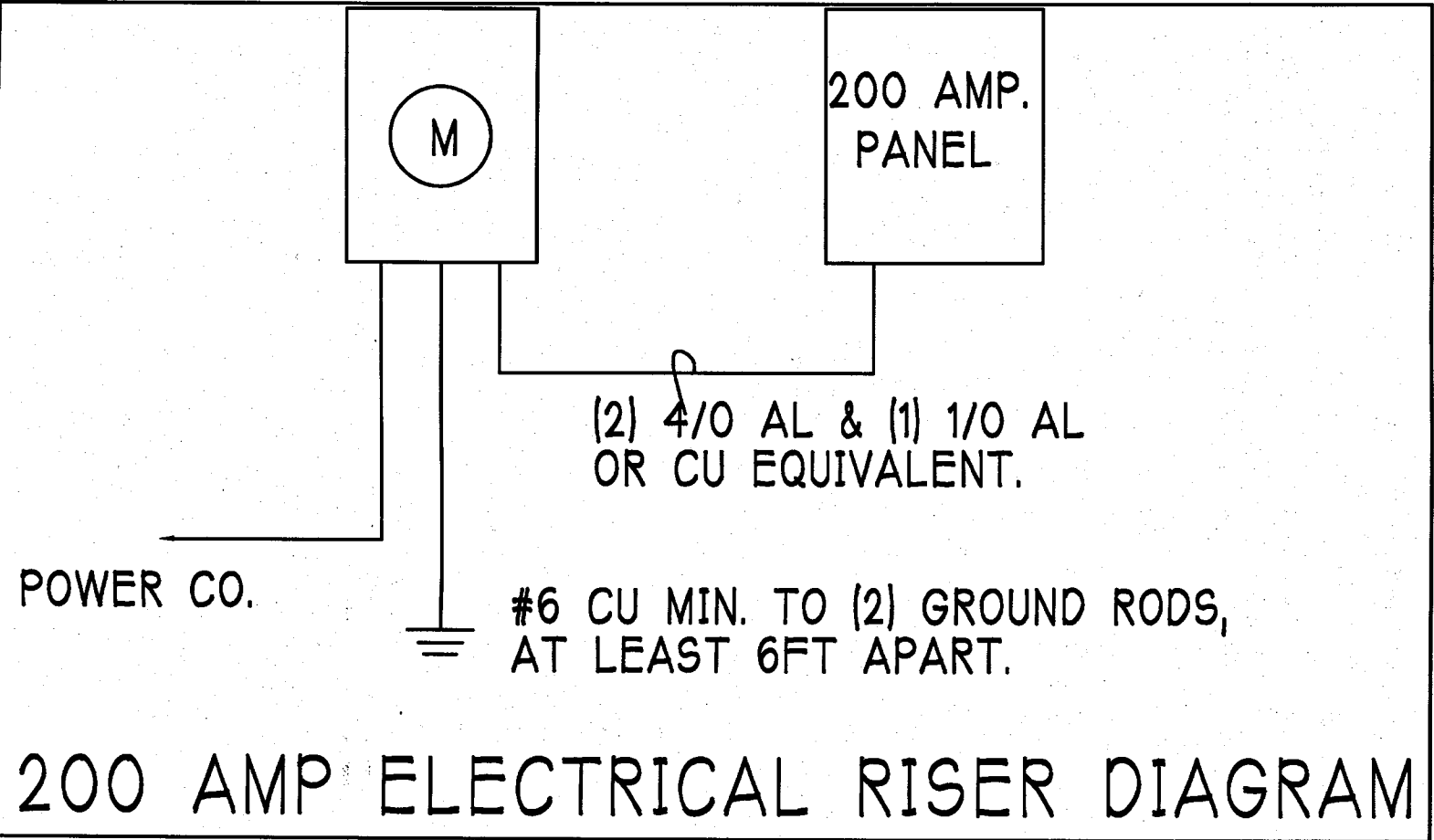
Install Arc-Fault circuit-Interruptions & Tamper-Resistant Receptacles shall be installed in dwelling unit. per NEC 210.12 & 406.11

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

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

Install Phone & T.V per contract .

INSTALL ALL ELECTRICAL PER NEC 2011



D.R. HORTON
America's Builder

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

LOT: 128 BLOCK : MODEL: UNIT 2431

SUBDIV: BARRINGTON COVE RESIDENCE FOR: SPEC

ADDRESS: 16225 ABERDEEN AVE

G.C.D. JOB # : 8788

DATE: 9-10-15

DRAWN BY: JSL

CHECKED BY: JWC

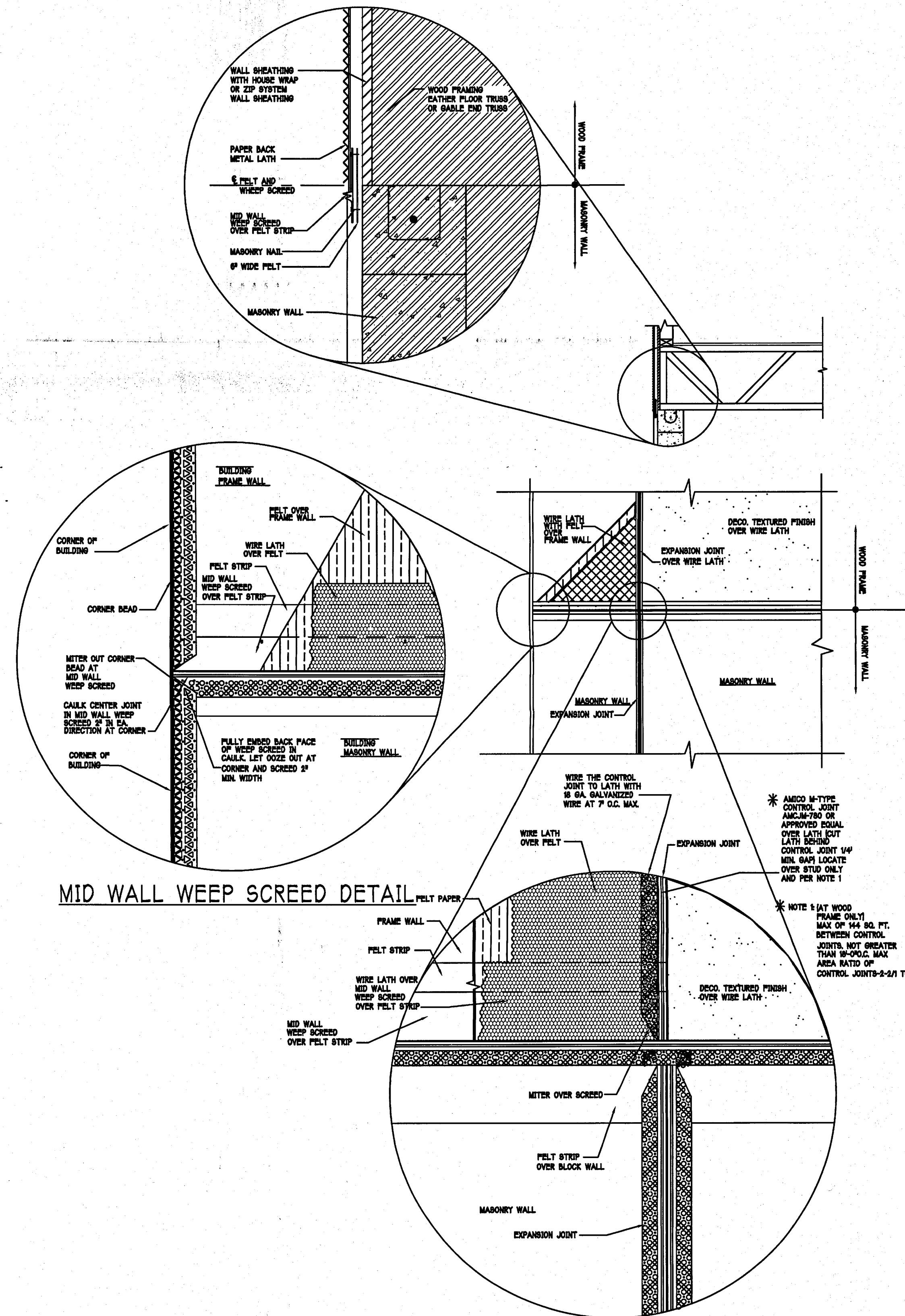
REVISED:

PLAN: ELECTRICAL

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

SHEET#

A-5 M



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, GUTS, OR TIE DOWNS.
9. CEILING DRYWALL INSTALLED WITHIN THE HOUSE TO TRUSSES SPACED 24\"/>

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\"/>

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 G80. 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\"/>

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 manufacturer. Installation shall comply with the manufacturer's requirements for installation in the given Florida wind zone, as determined by ASTM D 3161.

FASTENERS
Fasteners for asphalt shingles shall comply with ASTM F 1667, and shall be made of galvanized steel, stainless steel or aluminum with a minimum shank size of 12 gage (0.105 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 1, or equal, and shall be corrosion resistant by coating electro galvanization, mechanical galvanization, hot dipped galvanization or shall be made of stainless steel, non ferrous metal.

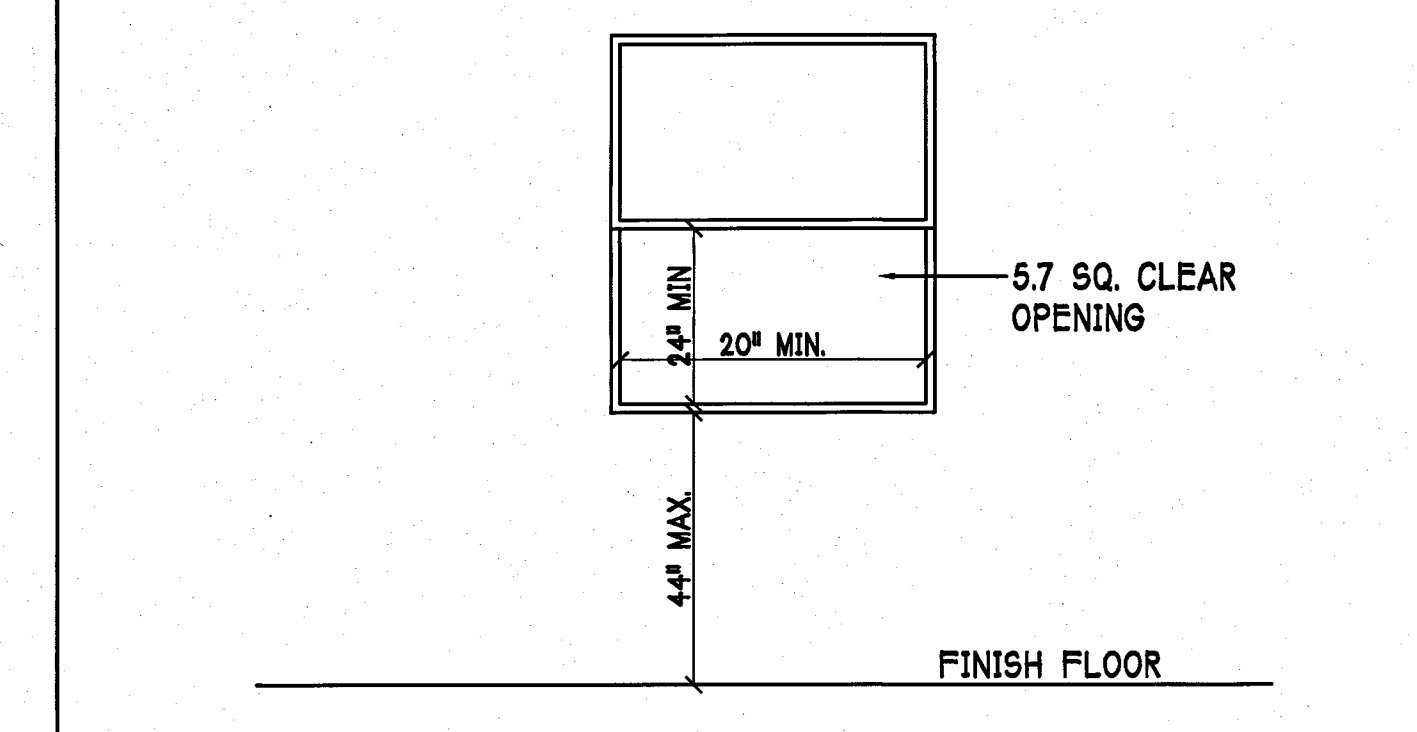
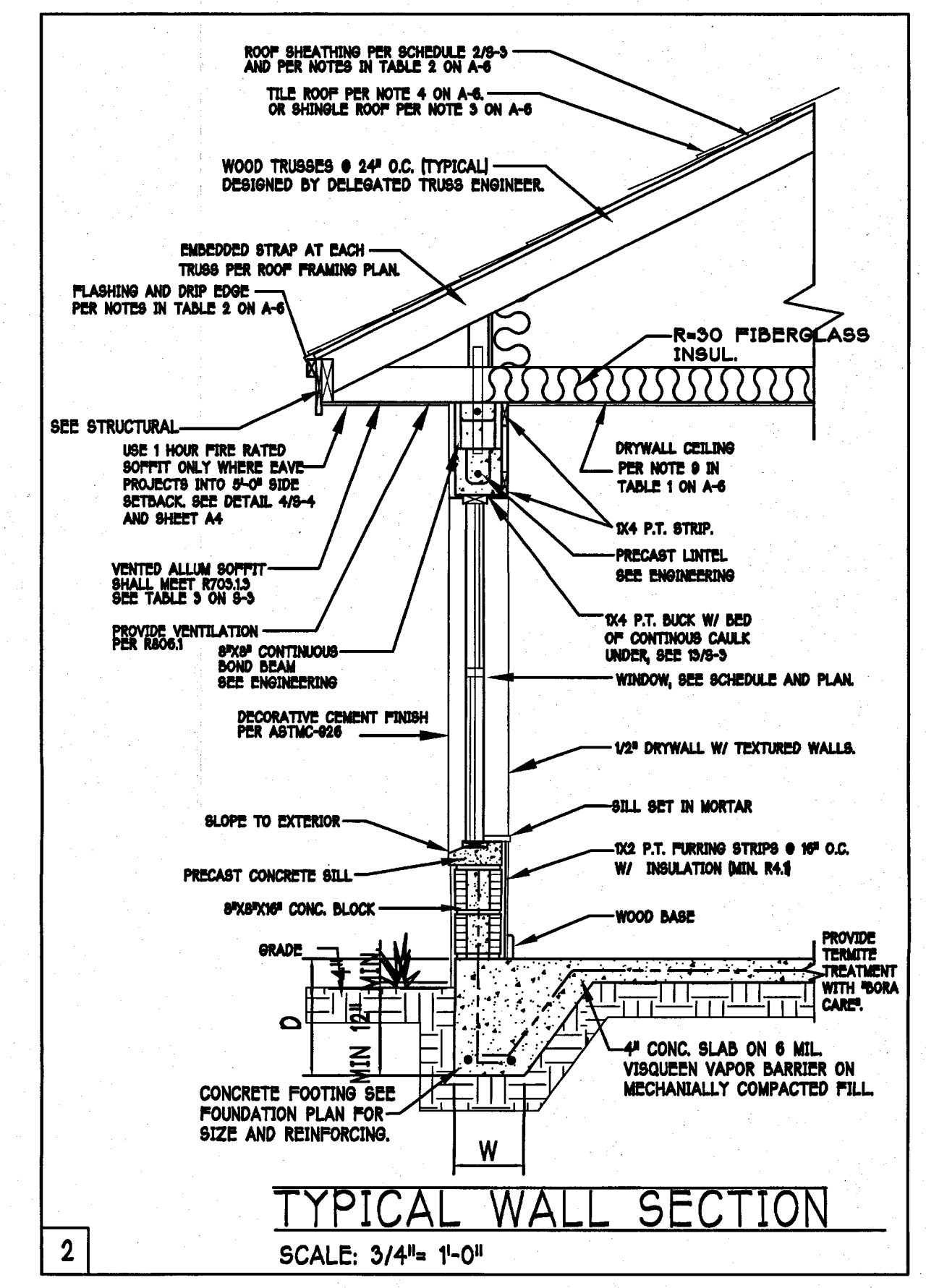
CLAY AND CONCRETE TILE ROOF SPECS

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

1. TILE PLACEMENT AND SPACING.
2. ATTACHMENT SYSTEM NECESSARY TO COMPLY WITH CURRENT WIND CODE.
3. TYPE, NUMBER, SIZE, AND LENGTH OF FASTENERS AND CLIPS.
4. SLOPE REQUIREMENT.

FLOOR SHEATHING AT 2ND FLOOR

APA RATED STURDI-FLOOR, EXPOSURE 1, TONGUE & GROOVE EDGES SPAN RATING 48/24 OR BETTER, GLUED AND NAILED



R310.11 MINIMUM OPENING AREA:- ALL EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET (0.530 m²).

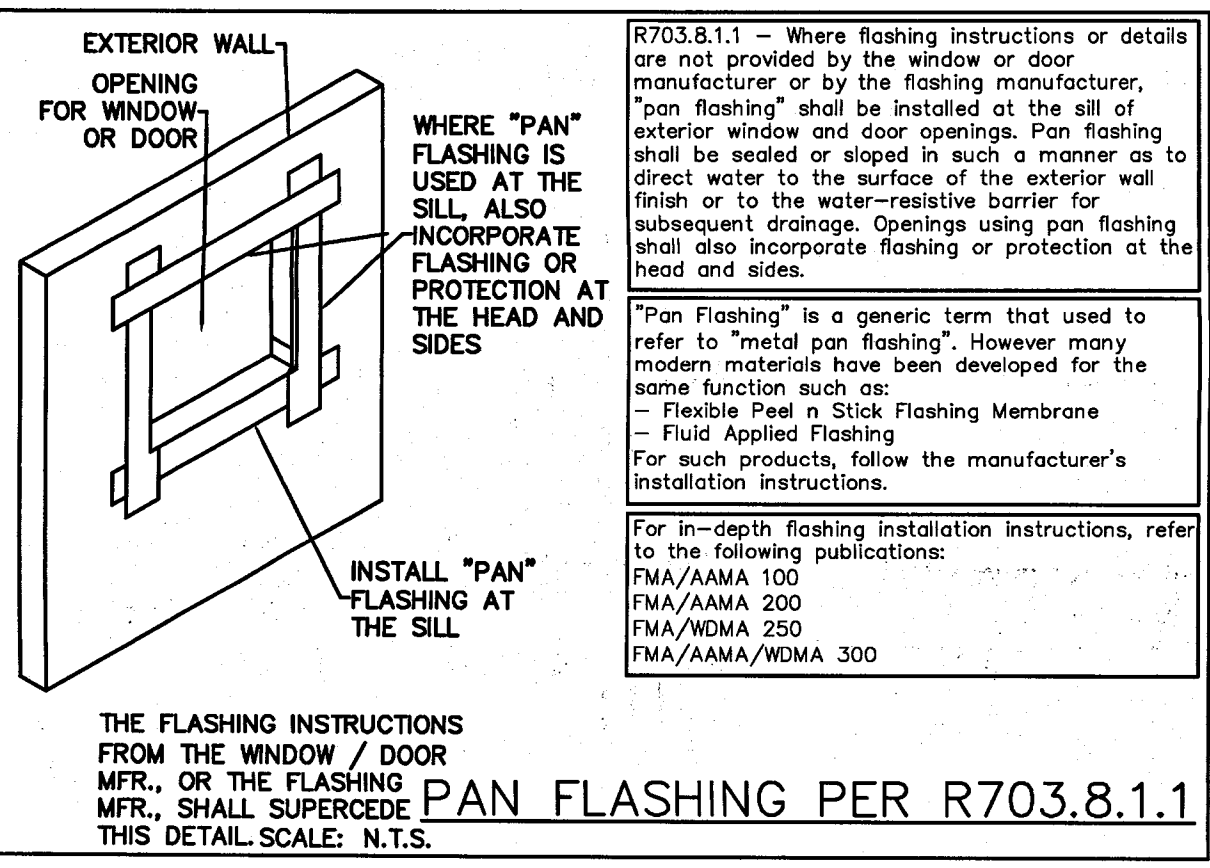
EXCEPTION:- GRADE FLOOR OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5 SQUARE FEET (0.465 m²).

R310.12 MINIMUM OPENING HEIGHT:- THE MINIMUM NET CLEAR OPENING HEIGHT SHALL BE 24 INCHES (610mm).

R310.13 MINIMUM OPENING WIDTH:- THE MINIMUM NET CLEAR OPENING WIDTH SHALL BE 20 INCHES (508mm).

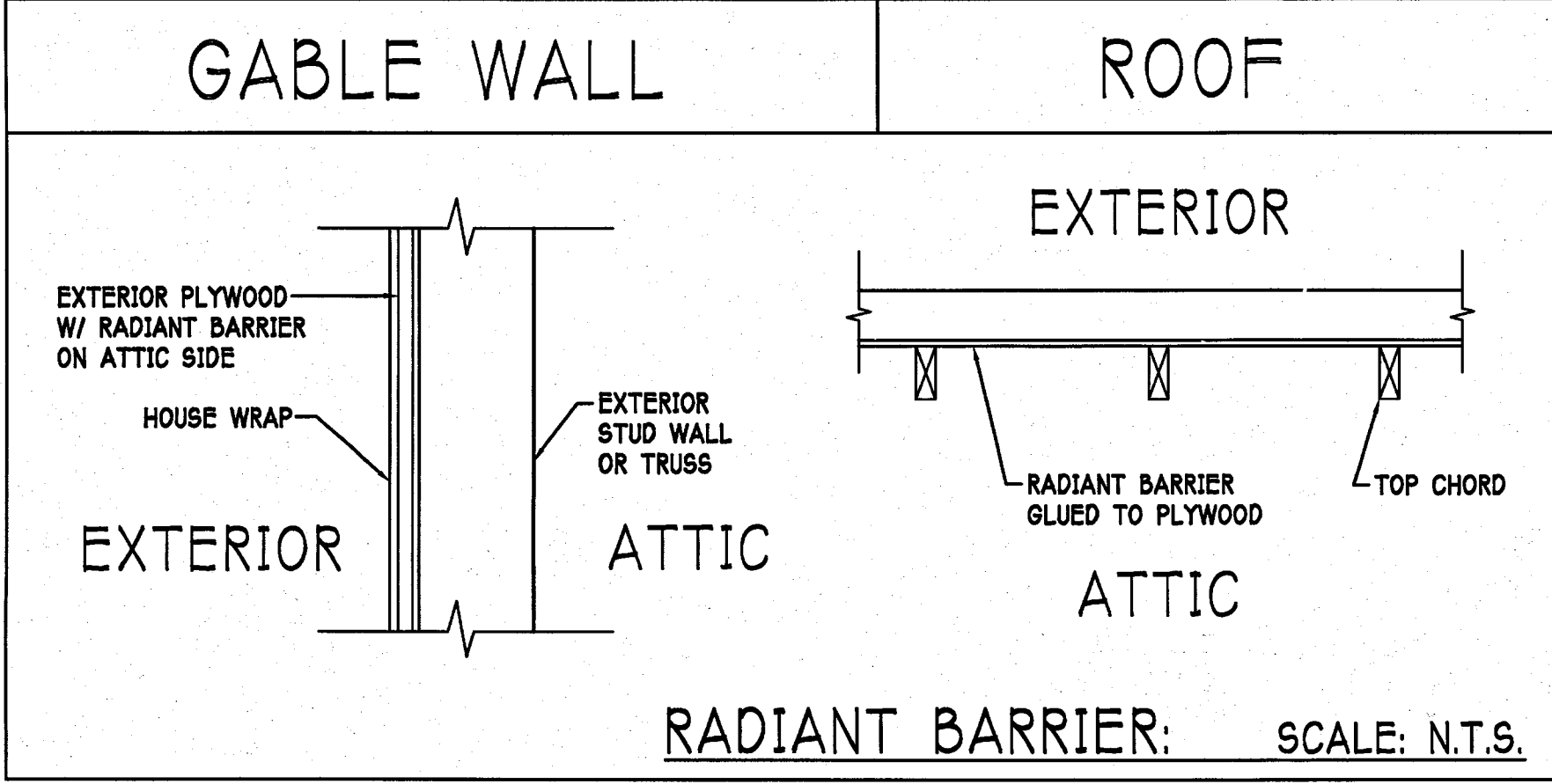
R310.14 OPERATIONAL CONSTRAINTS:- EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS OR TOOLS.

R310.2 WINDOW WELLS:- THE MINIMUM HORIZONTAL AREA OF THE WINDOW WELL SHALL BE 9 SQUARE FEET (0.84 m²), WITH A MINIMUM HORIZONTAL PROJECTION AND WIDTH OF 36 INCHES (914mm). THE AREA OF THE WINDOW WELL SHALL ALLOW THE EMERGENCY ESCAPE AND RESCUE OPENING TO BE FULLY OPENED.



WEEP SCREED DETAIL

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



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

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

D-R-HOFTON
America's Builder

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

UNIT 2431

MODEL:

RESIDENCE FOR:

SPEC

LOT: 128 BLOCK:

SUBDIV: BARRINGTON COVE

ADDRESS: 16225 ABERDEEN AVE

G.C.D. JOB #: 8788

DATE: 9-10-15

DRAWN BY: JSL

CHECKED BY: JWC

REVISED:

PLAN: SECTION

SCALE: 1/4\"/>

SHEET#









A-6M

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

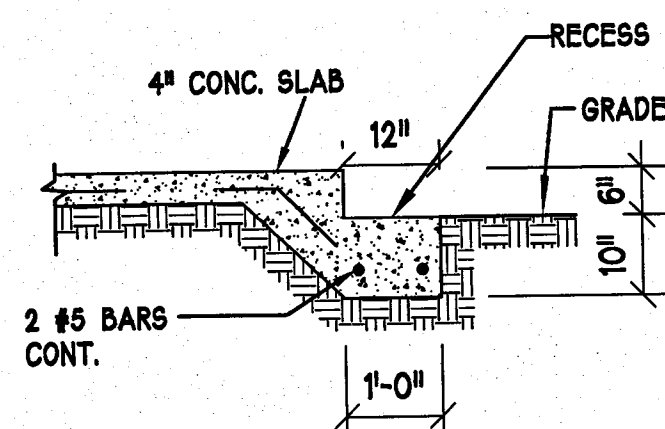
PLAN NOTES:

- 1) TOP OF GROUND FLOOR SLAB DATUM ELEVATION 0'-0".
- 2) "F# DENOTES CONTINUOUS WALL FOOTING TYPE PER SCHEDULE THIS SHEET.
- 3) "P# 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.

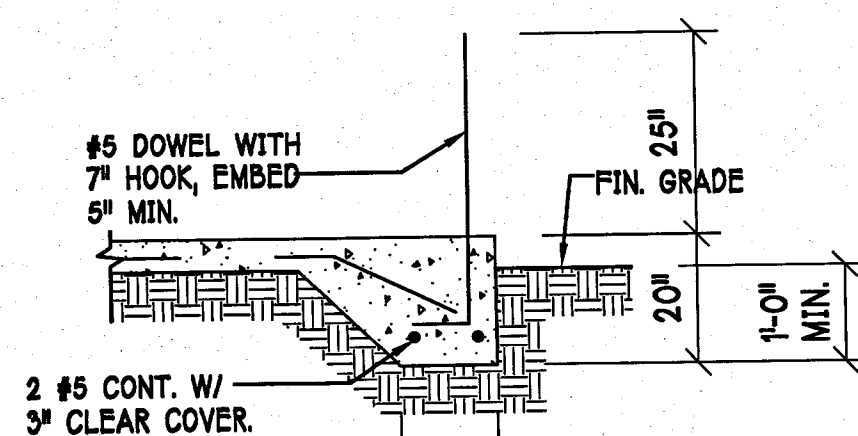
PAD FOOTING SCHEDULE							
USD	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINF.		REMARKS
					LONG WAY	SHORT WAY	
X	(A)	2'-6"	2'-6"	1'-0"	3-#5	3-#5	-
	(B)	3'-0"	3'-0"	1'-0"	4-#5	4-#5	-
	(C)	3'-6"	3'-6"	1'-0"	4-#5	4-#5	-
	(D)	4'-0"	4'-0"	1'-2"	5-#5	5-#5	-
	(E)	5'-0"	5'-0"	1'-2"	6-#5	6-#5	-

WALL FOOTING SCHEDULE						
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE
X	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.	8"	8"	1-#5	
	TE	CONT.	0'-8"	0'-8"	1-#5	

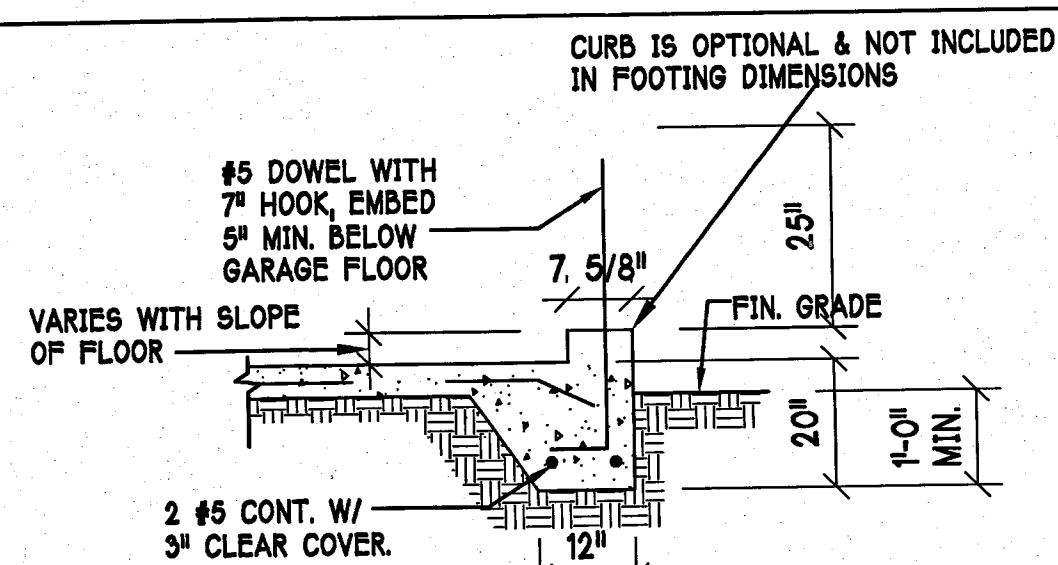
ADD CURB TO
- GARAGE, SEE
DETAIL



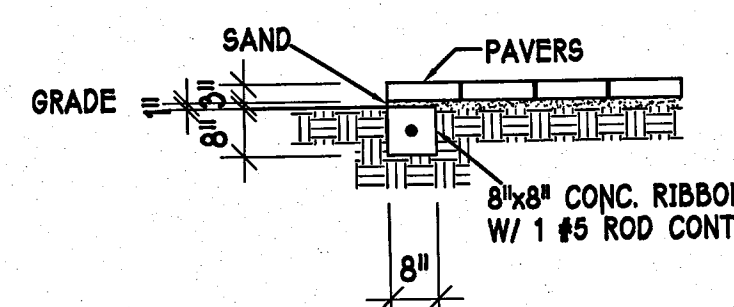
GARAGE DOOR RECESS
SCALE: 1/2" = 1'-0"



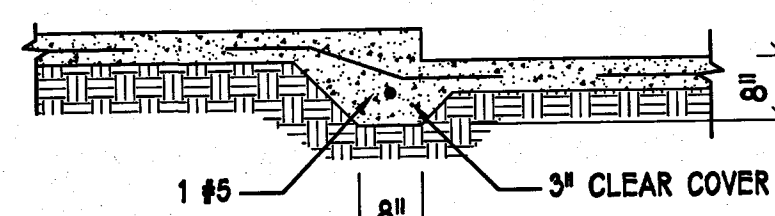
'F3' FOOTING



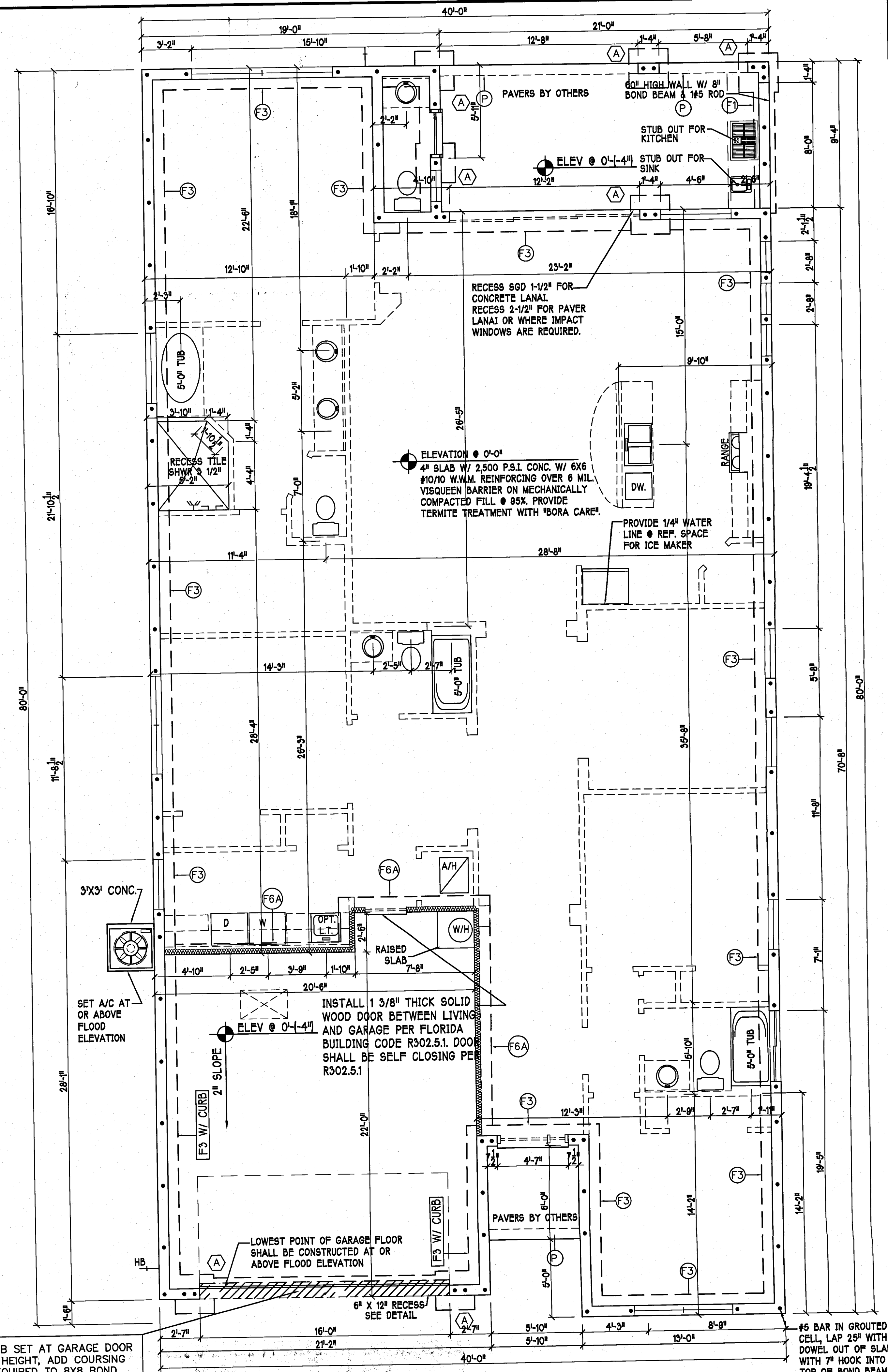
'F3' WITH CURB AT GARAGE



'P' PAVERS DETAIL ENTRY/LANAI



'F6A' STEP DOWN



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.

FOUNDATION PLAN:

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

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

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

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

[illegible]

LOT: 128	BLOCK :	MODEL:
SUBDIV: BARRINGTON COVE		UNIT 2431
ADDRESS: 16225 ABERDEEN AVE	RESIDENCE FOR:	
G.C.D. FOR #: 8788	SPEC	

DATE:	9-10-15
DRAWN BY:	JSL
CHECKED BY:	JWC
REVISED:	
PLAN:	FOUNDATION
SCALE:	$1/4" = 1'-0"$

S-1 M

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

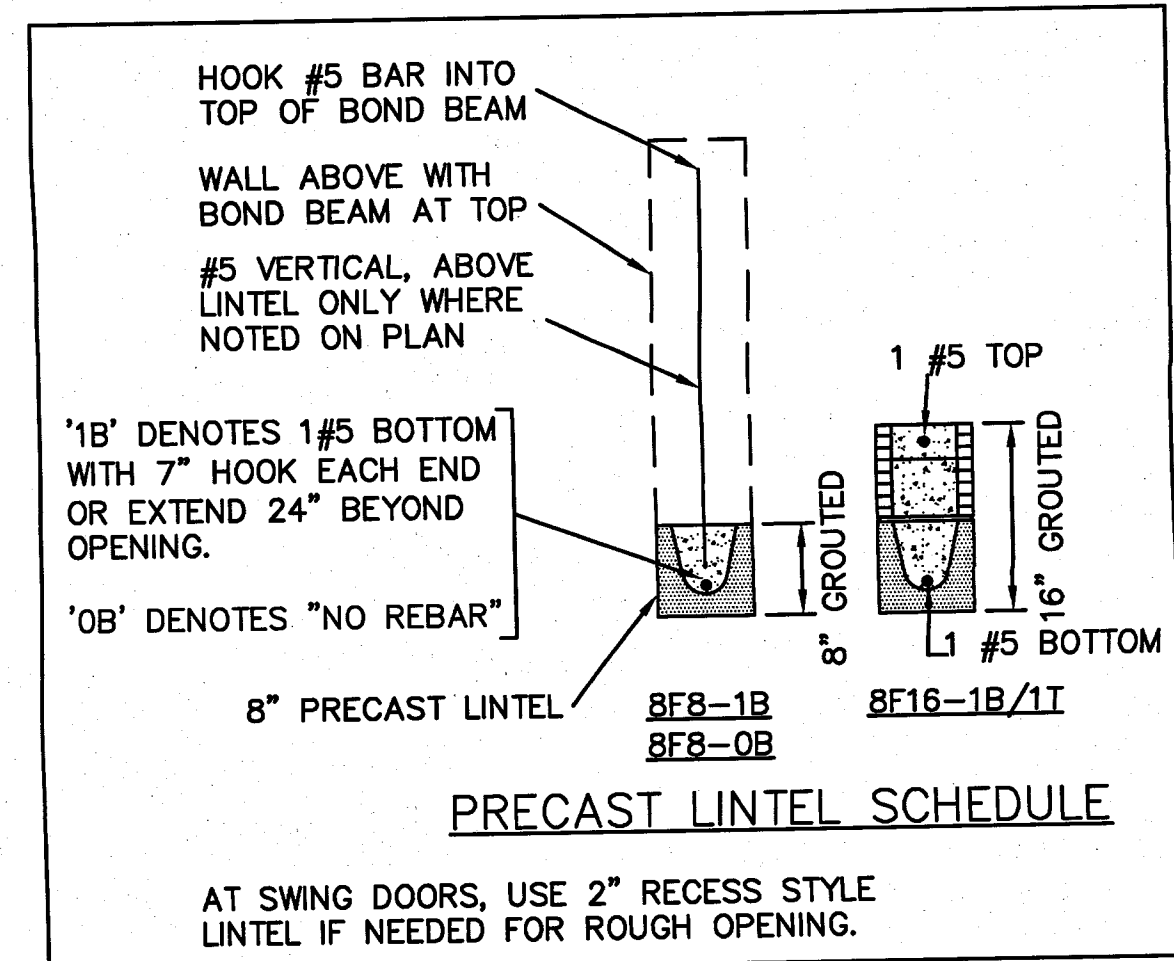
INSTALL META16 AT ALL TRUSSES TO 1450 lb UPLIFT. FOR HIGHER UPLIFTS, SEE NOTES ON PLAN.

NOTES:

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

REV 2

- 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 9-3.
 - 3) PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
 - 4) FOR NAILING OF ROOF DECK, SEE 1 AND 2 ON 9-3.
 - 5) [8F8-1B] etc., DENOTES PRECAST LINTEL 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.



BEARING HEIGHTS	
	= BEARING @ 9'-4" A.F.F.
	= BEARING @ 13'-11"

TRUSS BEARING CONDITIONS AND STRAPPING IS BASED ON TRUSS LAYOUT PREPARED BY RAYMOND, JOB #: 13050802M8, DATED: 06/17/2014, REVISED: NONE

(+33.3, -36.0) WIND PRESSURES PER ASCE7-10, 160 MPH, EXPOSURE 6, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. (Vasd=124 MPH, RISK CAT II, ENCLOSED, Kd=0.85, H=25.1)

8"x8" CONTINUOUS MASONRY BOND BEAM AT TOP OF WALL WITH 1 #5 BAR, PROVIDE CORNER BARS PER 8/S-3

EMBED 1-META16 AT ALL TRUSSES EXCEPT AS NOTED AT GIRDERS

ROOF VENTS REQUIRED ONLY WHEN FIRE RATED SOFFITS ARE USED.

WHERE DRYWALL CEILING IS APPLIED TO TRUSSES AT 24" O.C. USE 5/8" DRYWALL OR 1/2" 5/8" RESISTANT PER SEC. 702.3.5

USE 1 HOUR FIRE RATED SOFFIT ONLY WHERE EAVE PROJECTS INTO A 9'-0" SIDE SET BACK.

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

#5 BAR IN GROUTED CELL, WITH 7" HOOK INTO TOP OF BOND BEAM.

#5 BAR IN GROUTED CELL, WITH 7" HOOK INTO TOP OF BOND BEAM.

1-META16 @ B01

CORNER BARS IN BOND BEAM PER 8/S-3

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.

ROOF PLAN: "M"

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

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

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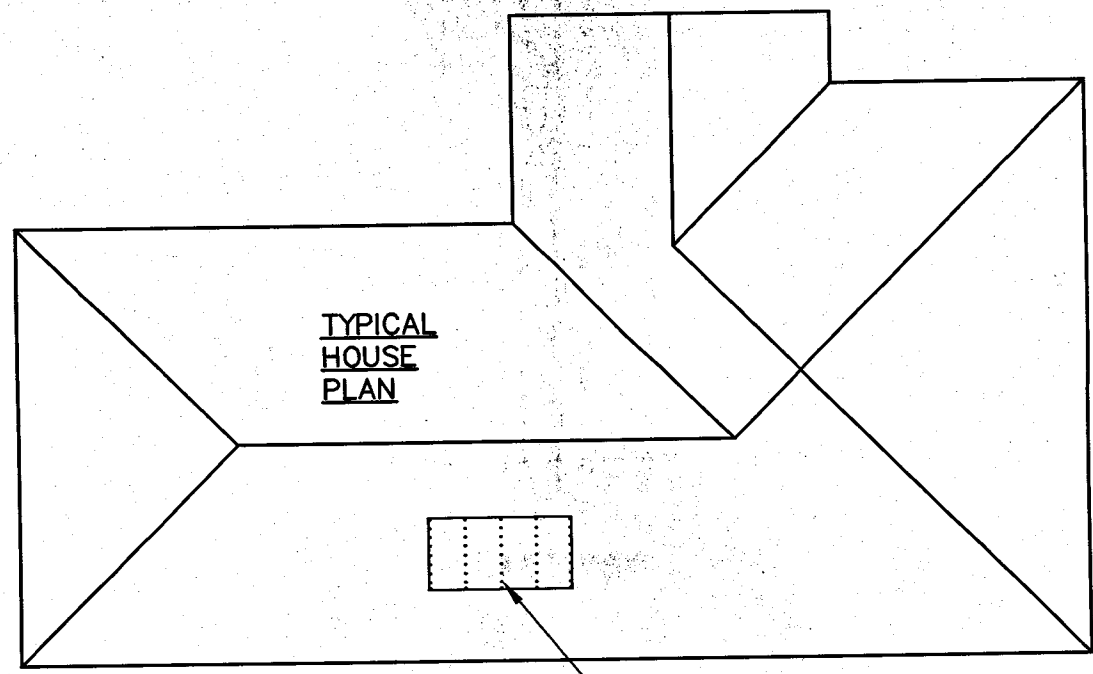
Gulf Coast Drafting & Design
Phone (239) 540-1822
Fax (239) 540-7759

STRUCTURAL SYSTEMS
OF NORTH FLORIDA
DATE: 10/10/15
BY: JSL
CHECKED BY: JWC
REVISED:
PLAN: ROOF
SCALE: 1/4"=1'-0"
SHEET#

MODEL: UNIT 2431
SUBDIV: BARRINGTON COVE
ADDRESS: 16225 ABERDEEN AVE
G.C.D. JOB #: 8788

DATE: 9-10-15
DRAWN BY: JSL
CHECKED BY: JWC
REVISED:
PLAN: ROOF
SCALE: 1/4"=1'-0"
SHEET#

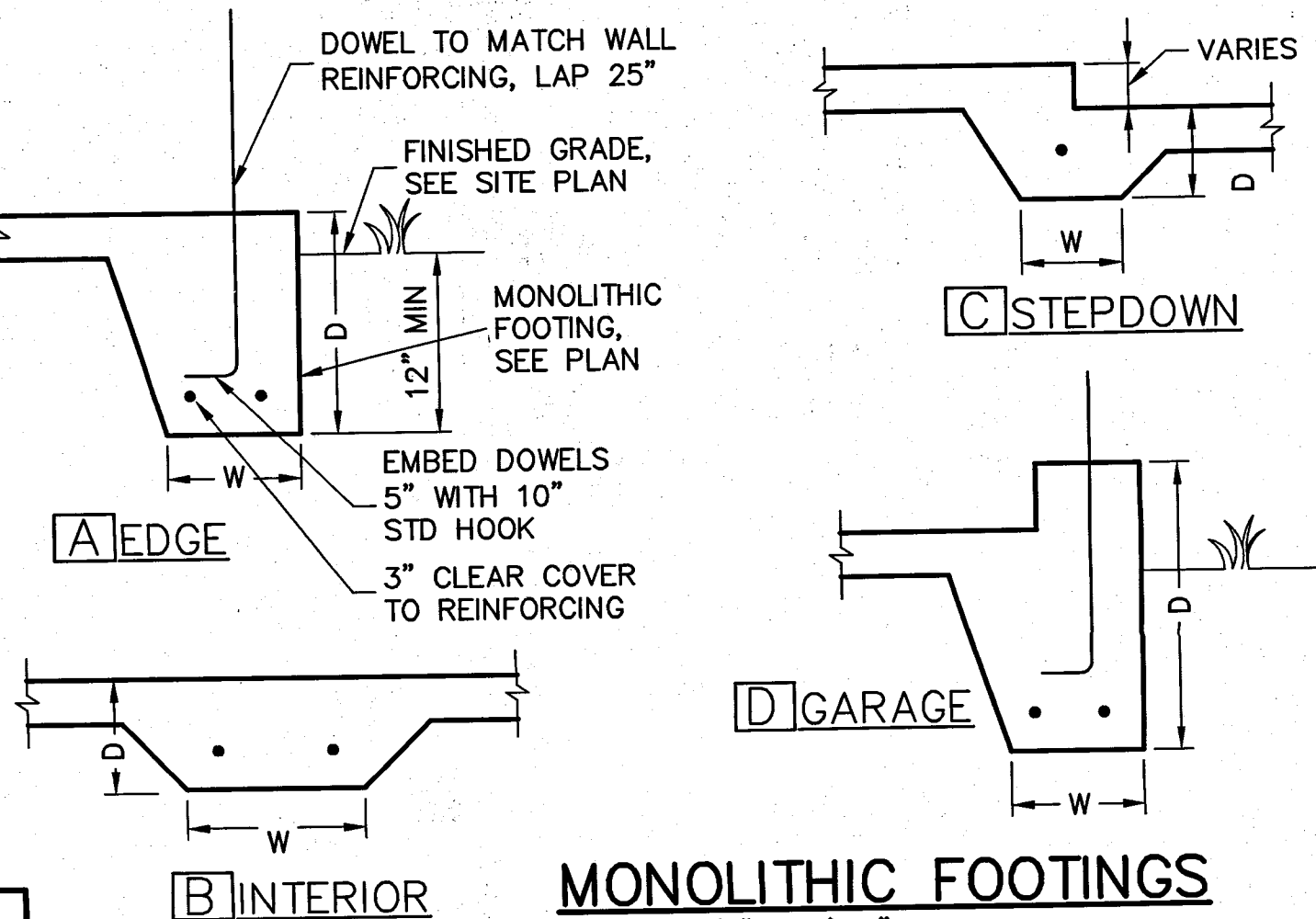
S2-M



8d RING SHANK NAILS 6" O.C. EDGE AND 6" OC FIELD. ENSURE THAT ALL NAILS PENETRATE THE TOP CHORD OF THE TRUSS WITHOUT SPLITTING.

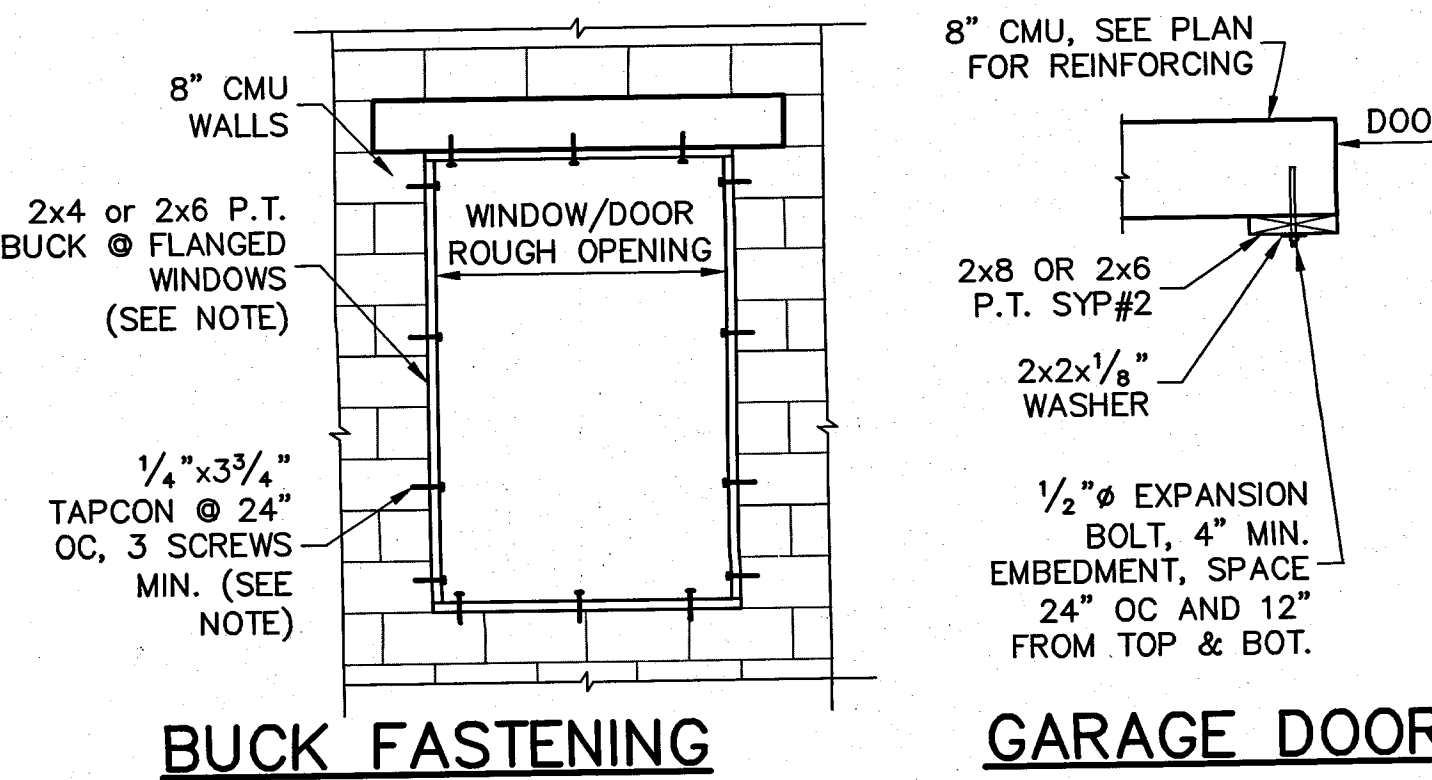
ROOF DECK NAILING PATTERN

SCALE: NTS



MONOLITHIC FOOTINGS

SCALE: 3/4" = 1'-0"



BUCK FASTENING

GARAGE DOOR

NOTE: THIS BUCK FASTENING DETAIL IS INTENDED FOR FLANGED WINDOW/DOOR PRODUCTS THAT FASTEN THRU THE FLANGE WITH WOOD SCREWS TO THE BUCK. FOR WINDOW/DOOR PRODUCTS THAT DO NOT HAVE A FLANGE AND FASTEN INSTEAD OUTWARD THRU THE FRAME, USE MASONRY SCREWS PER MFR. THAT ARE LONG ENOUGH TO PENETRATE 2-1/4" INTO THE MASONRY. IN THIS CASE, THE BUCK 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.

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

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

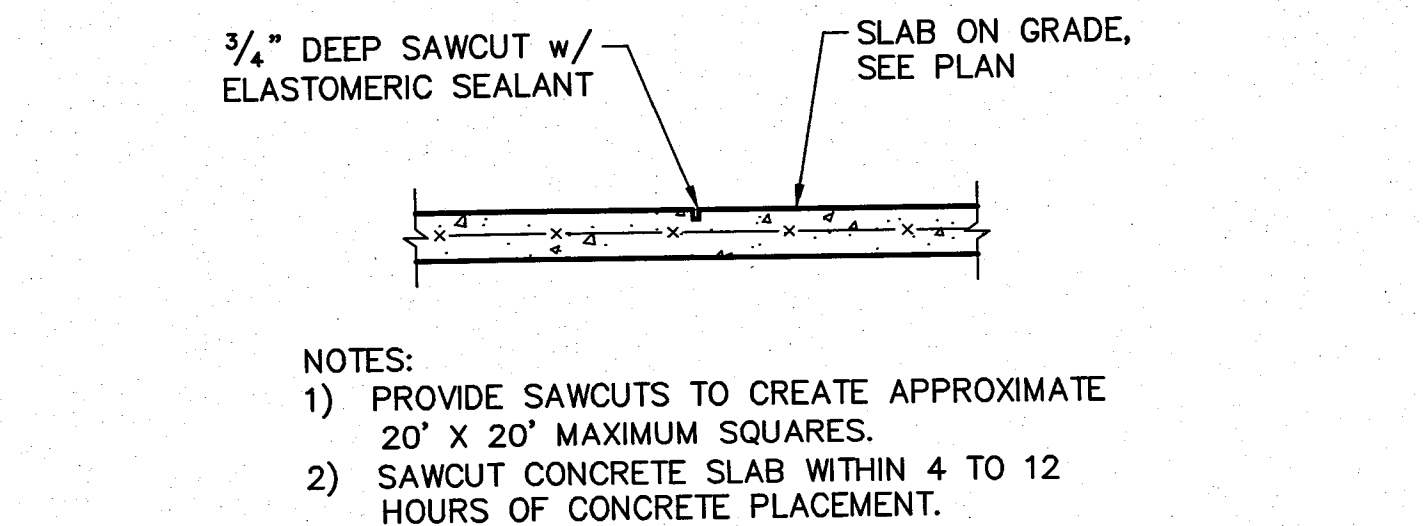
RETROFIT UPLIFT CONNECTOR SCHEDULE

SHEATHING SCHEDULE	
EXTERIOR STUD WALL	FLOOR
7/16" ZIP SYSTEM WALL SHEATHING BY HUBER ENGINEERED WOODS LLC, NAILED W/ 8d COMMON WIRE @ 6" O.C. EDGE AND 6" O.C. FIELD. PROVIDE 2x4 BLOCKING AT ALL JOINTS. INSTALL SHEATHING AND SEAM TAPE IN STRICT ACCORDANCE WITH MFR. WRITTEN INSTRUCTIONS.	N/A
ROOF	LANAI / ENTRY CEILING
A.P.A. RATED SHEATHING, EXPOSURE 1, SPAN RATING 24/16 OR BETTER (HIGHER NUMBERS INDICATE BETTER SPAN RATING). THE USUAL CHOICE IS 15/32" CDX PLYWOOD OR 7/16" OSB, WITH THE REQUIRED APA GRADE MARKING. FASTEN WITH 8d RING SHANK NAILS @ 6" O.C. EDGE AND 6" O.C. FIELD. (RING SHANK NAILS PER R803.2.3.1: 0.113" NOMINAL SHANK DIAMETER, RING DIA. OF 0.012" OVER SHANK DIAMETER, 16 TO 20 RINGS PER INCH, 0.280" DIAMETER FULL ROUND HEAD, 2" NAIL LENGTH)	OPTIONS: 1) 1x4 STRIPPING @ 16"OC w/ 2-8d NAILS TO EACH TRUSS, 5/8" EXTERIOR GYPBOARD CEILING, FASTEN W/8d NAILS OR 15/8" DRYWALL SCREWS @ 6"OC EDGE & FIELD. 2) 3/4" BC PLYWOOD NAILED W/ 6d COMMON @ 6" OC EDGE & FIELD. 3) WIRE LATHE AND 1/2" STUCCO. FASTEN WIRE LATHE WITH GALVANIZED STAPLES BY SENCOR OR EQUIV., 1" CROWN, 1" LONG, SPACED 4" OC.

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

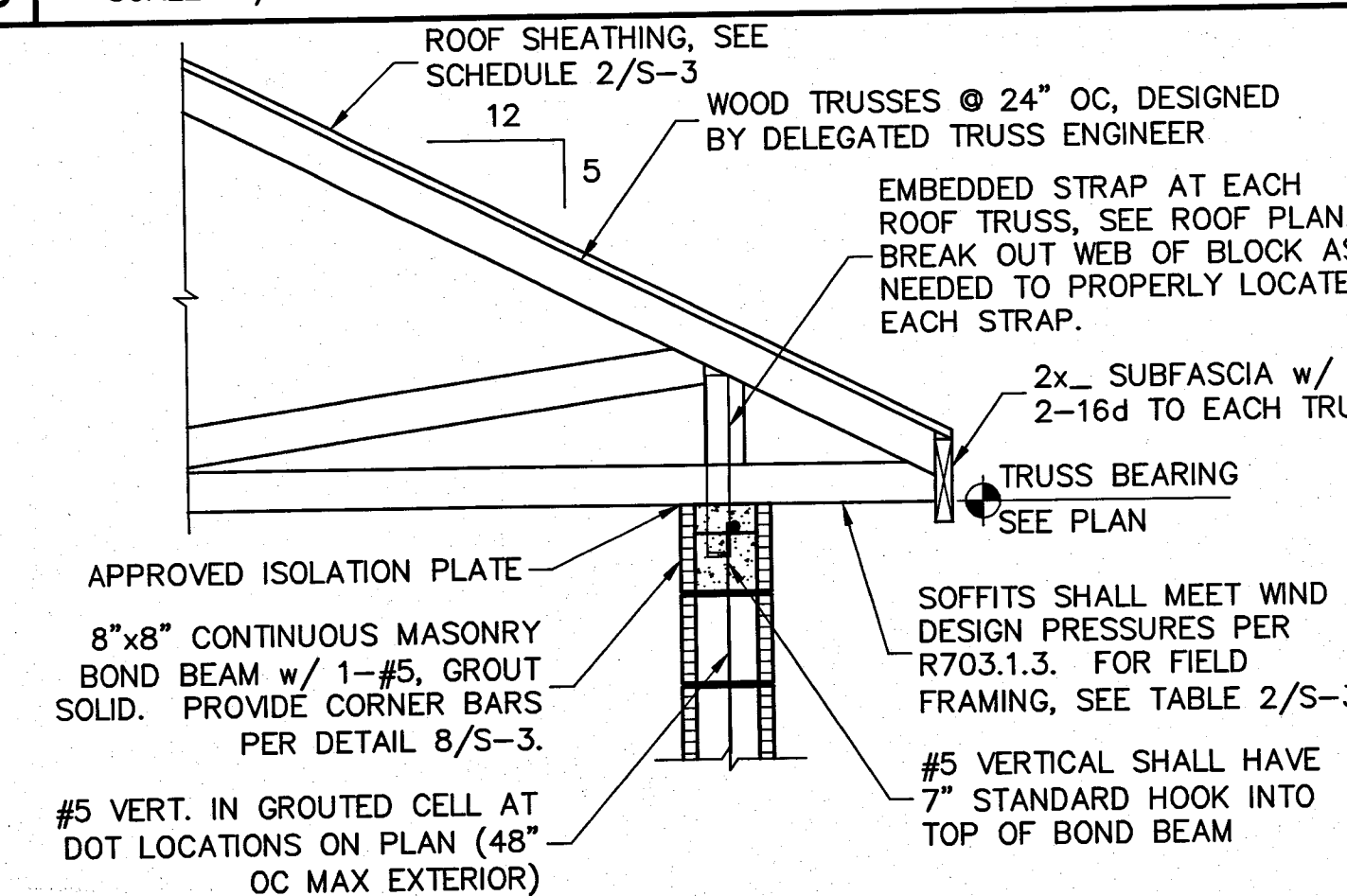
SLAB SAWCUT DETAIL

SCALE: NTS



CORNER BAR DETAIL IN BOND BEAMS

SCALE: 3/4" = 1'-0"

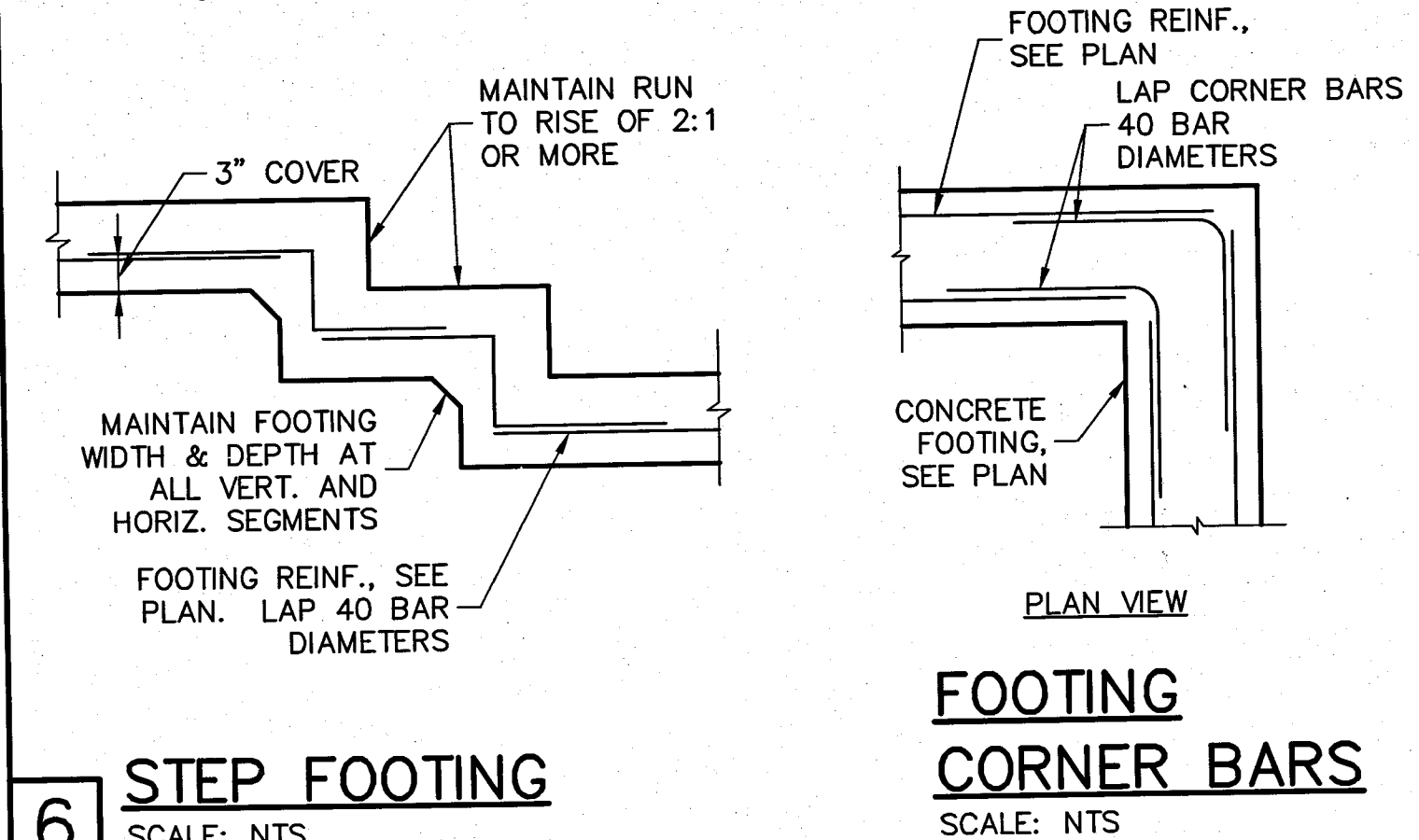
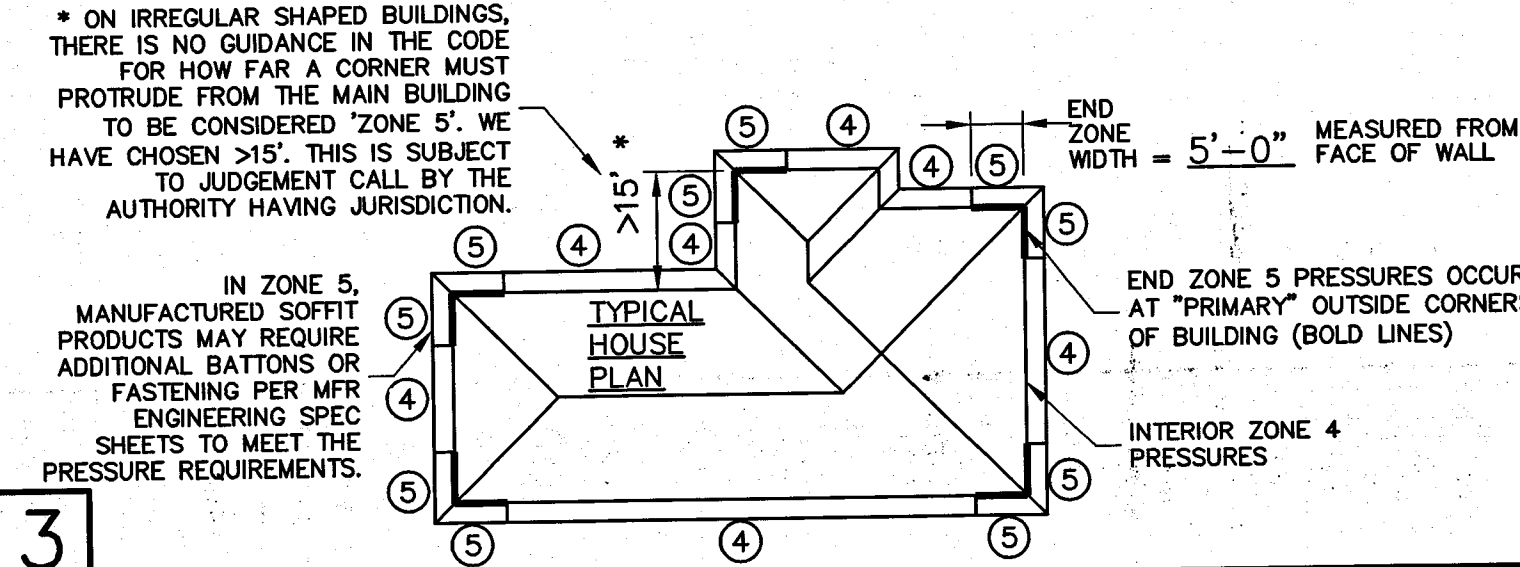


TRUSS STRAP TO BOND BEAM

SCALE: 3/4" = 1'-0"

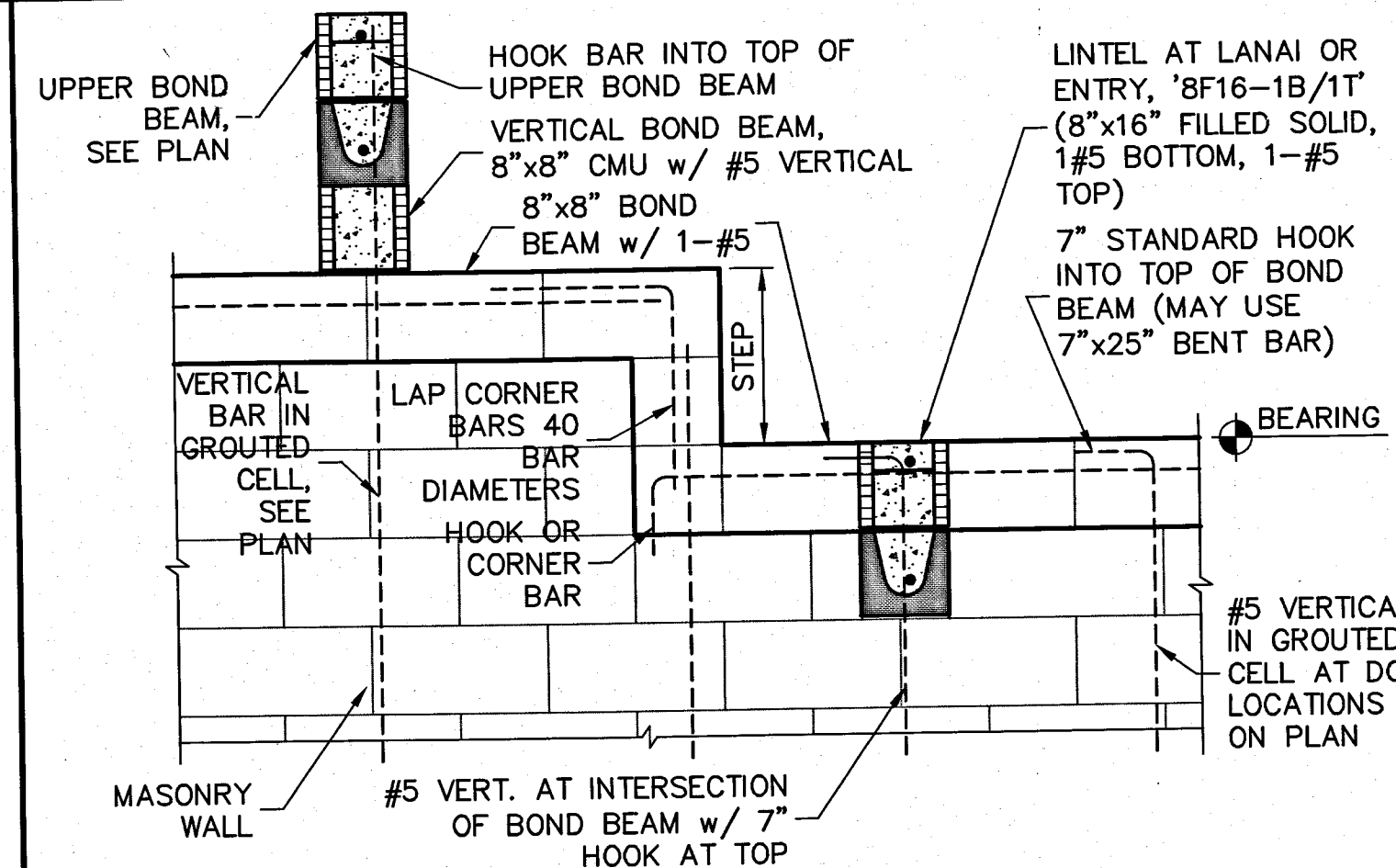
WINDOW/DOOR/SOFFIT DESIGN WIND PRESSURES			
WIND PRESSURES PER ASCE7-10, 160 MPH EXPOSURE B, AND CONVERTED TO ALLOWABLE STRESS DESIGN PRESSURES USING 0.6W LOAD FACTOR. (Vwsd=124 MPH, RISK CAT II, ENCLOSED, Kdt=0.85, R=30)			
TYPE	INTERIOR ZONE 4	END ZONE 5	
SOFFIT	+27.7 -30.0	+27.7 -37.0	
TYPICAL WINDOWS & DOORS	+27.7 -30.0	+27.7 -37.0	
8" OR 9" GARAGE DOORS	+24.3 -27.5		
16" OR 18" GARAGE DOORS	+23.3 -26.0		

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) ALL GLASS / GLAZING SHALL BE IMPACT RATED OR 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.



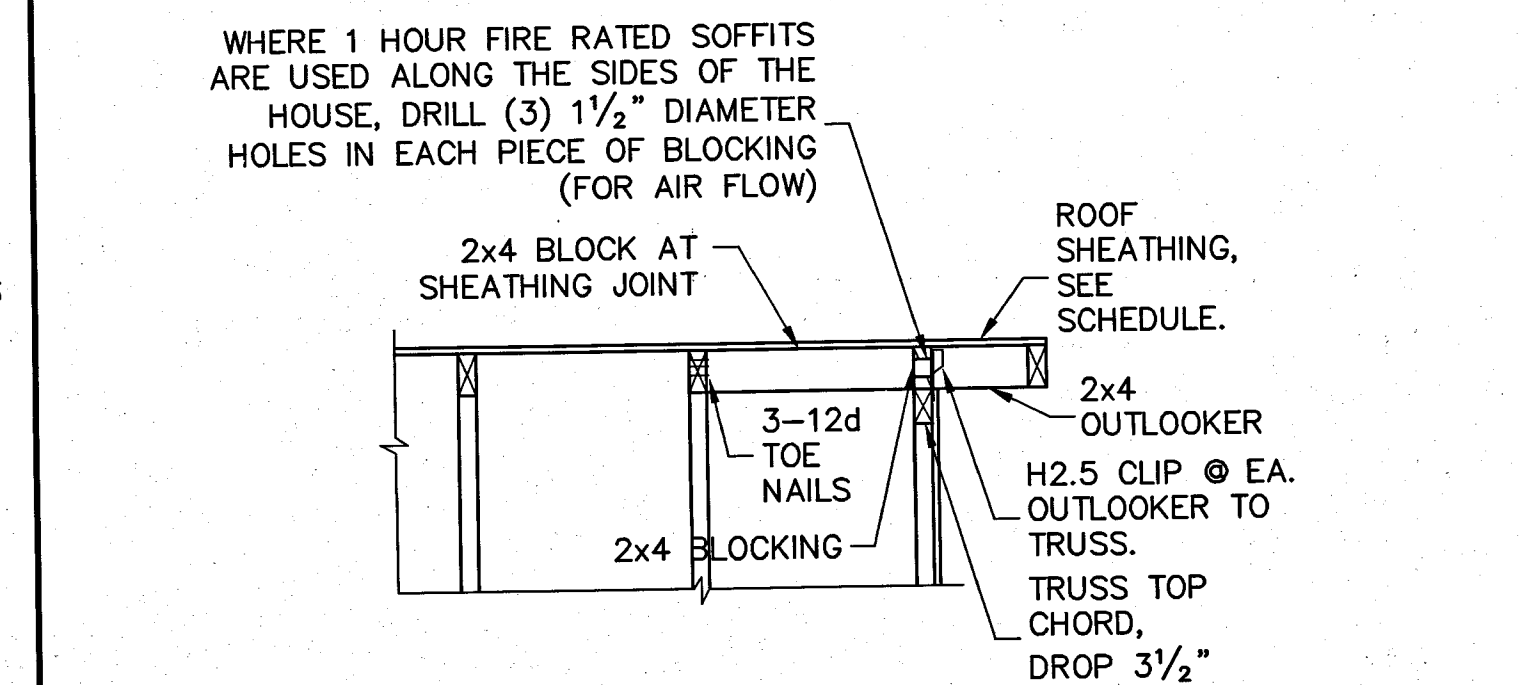
STEP FOOTING

SCALE: NTS



STEPPED BOND BEAM & REINFORCING

SCALE: 3/4" = 1'-0"



OUTLOOKER DETAIL

SCALE: N.T.S.

DESIGN CRITERIA:

DESIGN IN ACCORDANCE WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 2014 - RESIDENTIAL.

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

2. WIND LOADS:
WIND DESIGN PER ASCE7-10
BASIC WIND SPEED (ASCE7-10) 160 MPH
NOMINAL WIND SPEED (Vwsd TABLE R301.2.1.3) 124 MPH
BUILDING CATEGORY II
IMPORTANCE FACTOR 1.00
EXPOSURE B
MEAN ROOF HEIGHT < 30 FT
ROOF PITCH 5/12
ENCLOSURE CLASS ENCLOSED
INTERNAL PRES. COEFF. +/- 0.18
WINDOW/DOOR DESIGN WIND PRESSURE, SEE TABLE IN DETAIL 3.
SOFFITS - PER R703.1.3, ALL SOFFITS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLE R301.2(2) FOR WALLS, PER R616.4, SOFFIT TESTING SHALL USE ASCE7 DESIGN PRESSURES USING 0.6W LOAD FACTOR.

3. REINFORCED CONCRETE:
DESIGN AS PER ACI 318-11
REQUIRED COMPRESSIVE STRENGTH AT 28 DAYS:
SLAB ON GRADE f'c = 2500 PSI
3 1/2" MINIMUM THICKNESS REINFORCED WITH 6x6 w1.4xw1.4 WWF OR 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
SPICES IN REINFORCING, SHALL BE 40 BAR DIAMETERS. NON-CONTACT LAP SPICES MAY BE USED PROVIDED REINFORCING IS NOT SPACED MORE THAN 5" APART FOR #5 BARS.
FORMWORK AND SHORING SHALL REMAIN IN PLACE UNTIL CONCRETE HAS REACHED AT LEAST 2/3 OF THE REQUIRED 28 DAY STRENGTH.

4. REINFORCED MASONRY:
DESIGN PER ACI 530-11
REQUIRED COMPRESSIVE STRENGTHS:
MASONRY WALLS f'm = 1500 PSI
REINFORCING STEEL - ASTM A615 GRADE 60.
SPICES IN REINFORCING, SHALL BE 48 BAR DIAMETERS.
ALL CONCRETE MASONRY UNITS SHALL BE COMPOSED OF ASTM C90, GRADE N-1 HOLLOW CONCRETE MASONRY UNITS WITH TYPE 'S' MORTAR. GROUT ALL CELLS CONTAINING VERTICAL REINFORCEMENT WITH 3000 PSI PEA ROCK CONCRETE GROUT. ALL CELLS BELOW FINISHED GRADE SHALL BE GROUTED SOLID. ALL EXTERIOR WALLS SHALL BE REINFORCED FULL HEIGHT AT DOT LOCATIONS ON PLAN. PROVIDE HORIZONTAL JOINT REINFORCEMENT IN WALLS AT 16" OC VERTICALLY, UNLESS NOTED OTHERWISE. IN ADDITION, INSTALL JOINT REINFORCING IN THE FIRST TWO MORTAR JOINTS ABOVE AND BELOW OPENINGS, EXTENDING AT LEAST 24" BEYOND THE OPENING. LAP JOINT REINFORCING 6" MINIMUM.

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

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

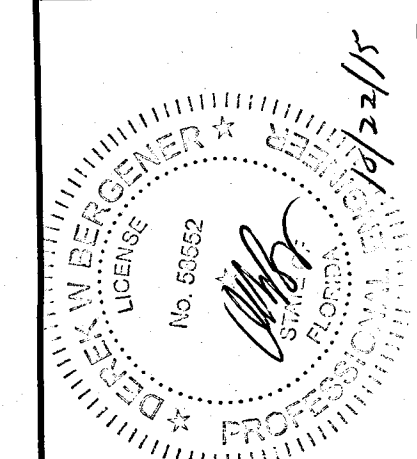
7. DIMENSIONS: VERIFY ALL DIMENSIONS WITH HOUSE PLANS. SEE HOUSE PLANS, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR EMBEDS, OPENINGS, SLEEVES, ETC. WHICH ARE NOT SHOWN ON STRUCTURAL DRAWINGS.

8. MEANS AND METHODS: THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SEQUENCES TEMPORARY BRACING, SHORING, 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.

REVISIONS	BY

STRUCTURAL ENGINEERING:
STRUCTURAL SYSTEMS OF NORTH FLORIDA
1834 SE 47th STREET, SUITE #3
CAPE CORAL, FL 33904
(239) 549-4554
CA# 8829



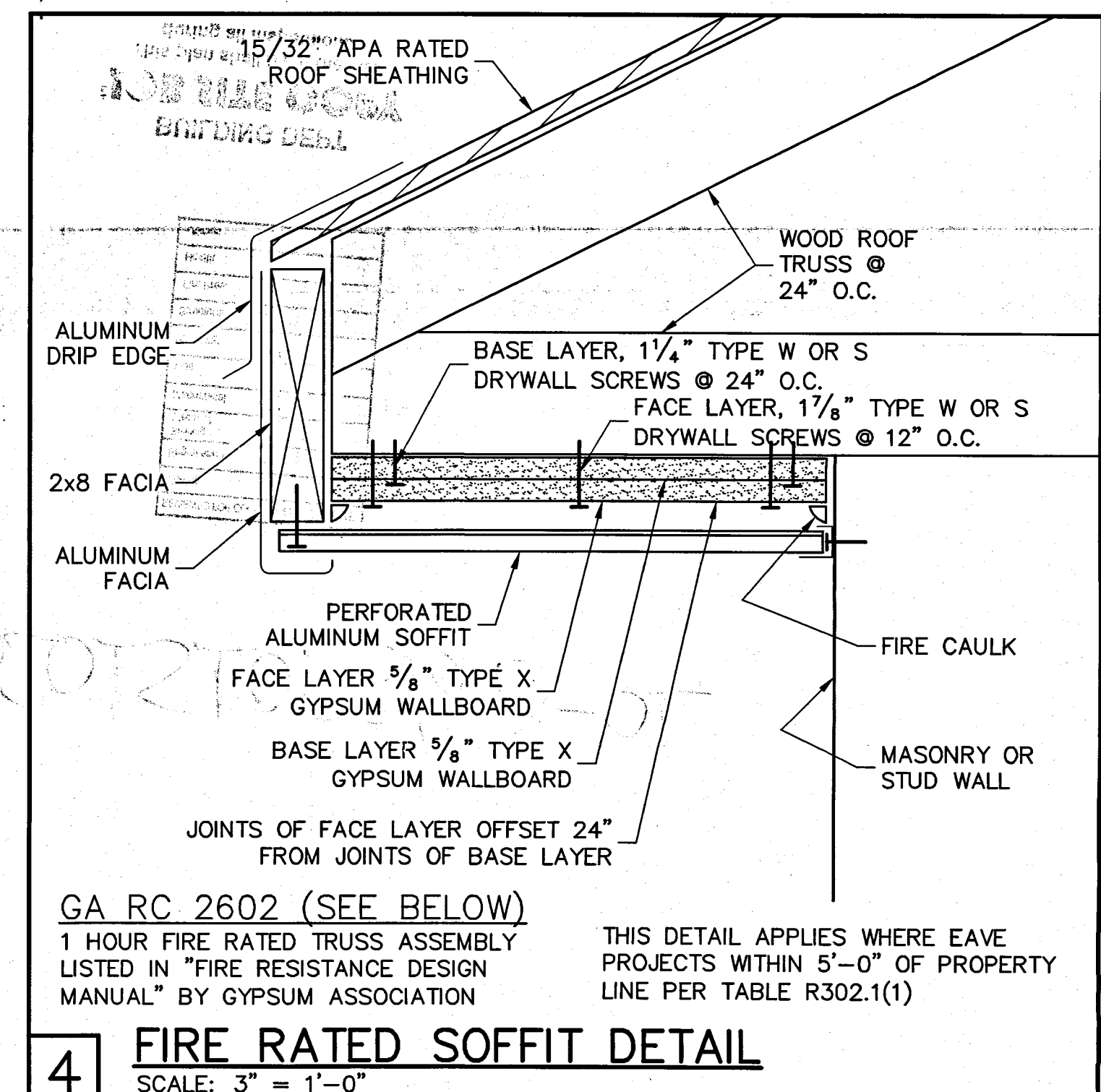
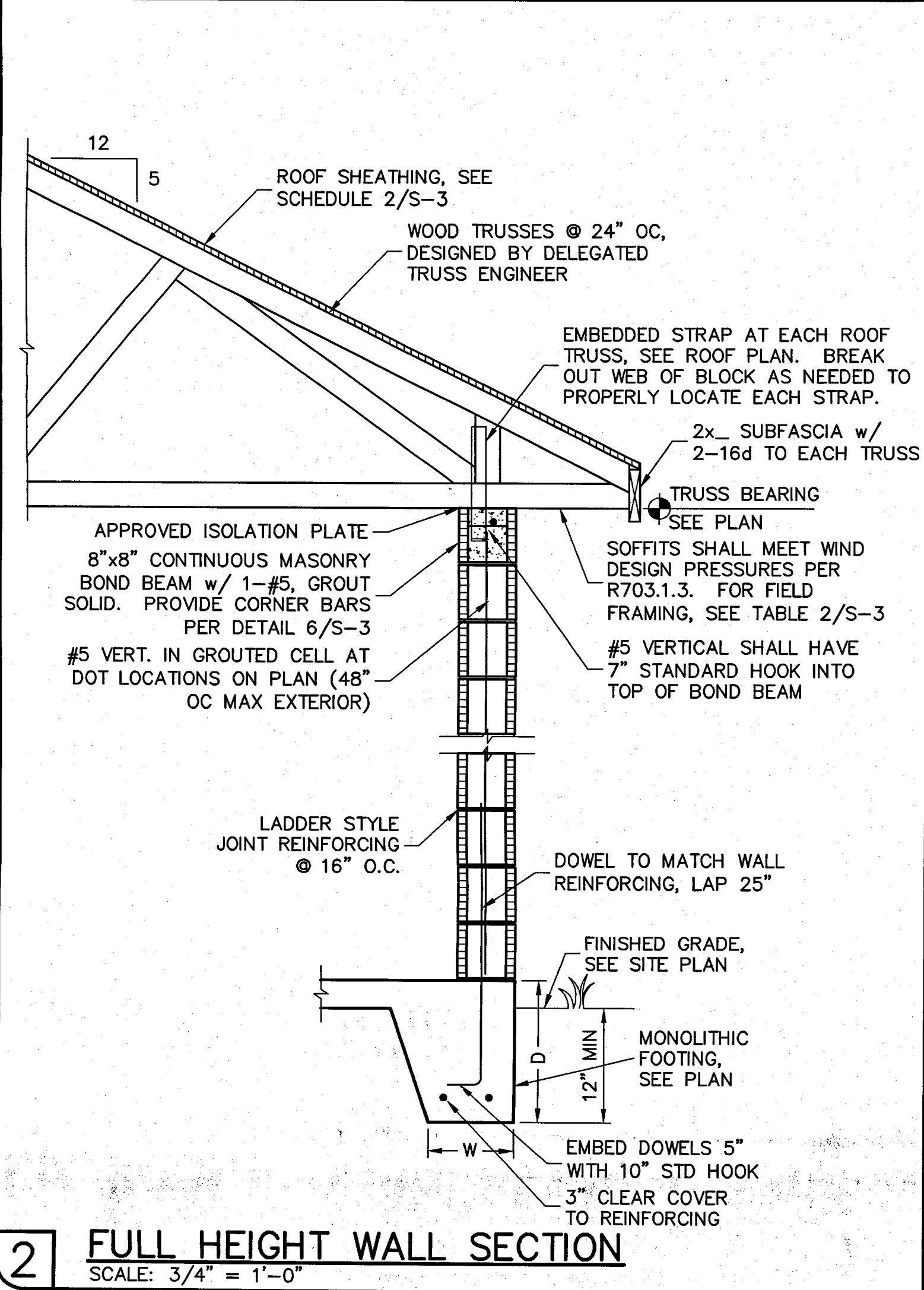
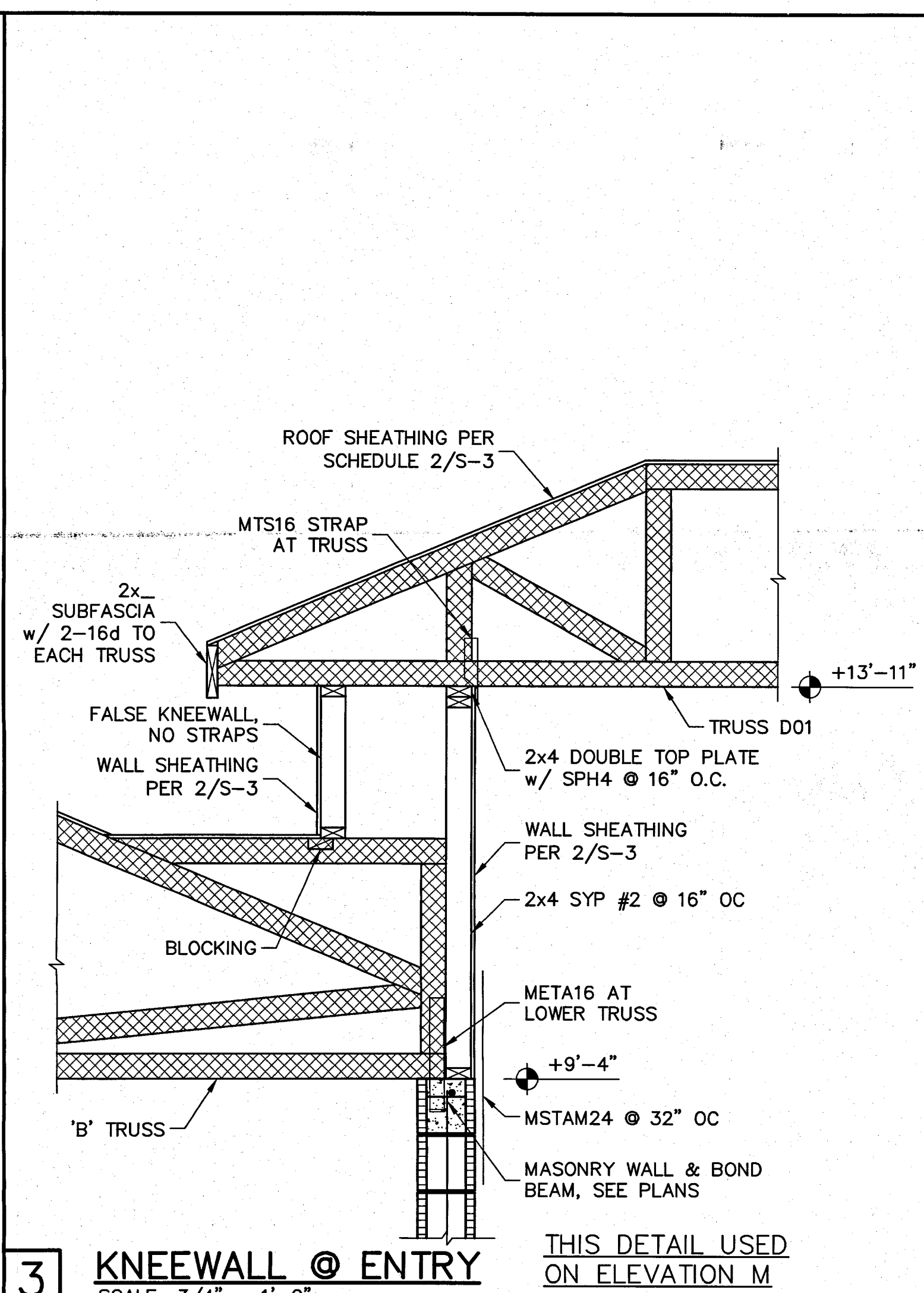
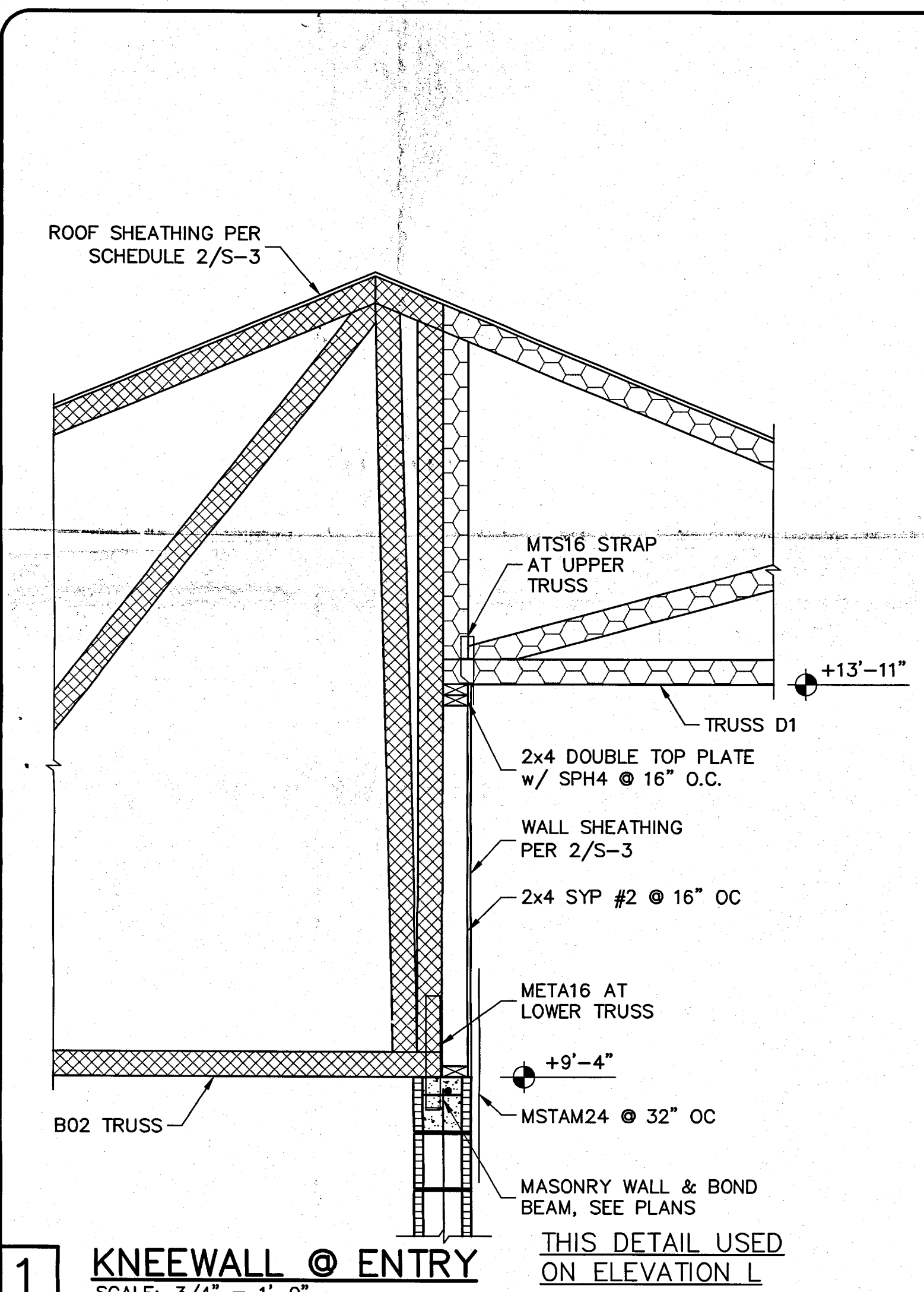
DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 2014
BUILDER:
DR. HORTON
America's Builder

STRUCTURAL DETAILS FOR
MODEL 2431 M
16225 ABERDEEN AVENUE
NAPLES, FLORIDA
LOT: 128 SUBDIVISION: BARRINGTON COVE

DESIGN/DRAWN	DWB/DWB
CHECKED	DWB
DATE	09/09/15
SCALE	AS NOTED
JOB NO.	DR8788
SHEET	

S-3
SHEET 3 OF 4

FOR RAYMOND TRUSS, M ELEVATION, RBS # 13050802M8, DATED: 06/17/14, REVISED: NONE

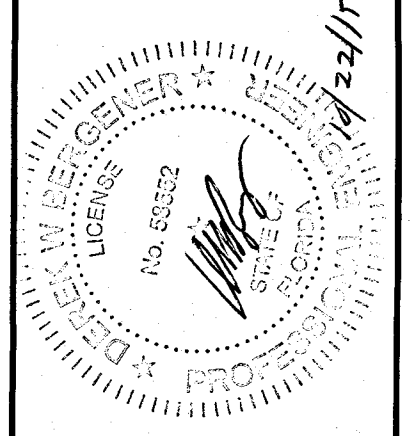


ROOF-CEILING SYSTEMS

GA FILE NO. RC 2602	GENERIC	1 HOUR FIRE
<p>WOOD TRUSSES, GYPSUM WALLBOARD</p> <p>Base layer 5/8" type X gypsum wallboard applied at right angles to wood roof trusses 24" o.c. with 1 1/4" Type W or S drywall screws 24" o.c. Face layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to trusses with 1 7/8" Type W or S drywall screws 12" o.c. at joints and intermediate trusses and 1 1/2" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood trusses supporting 1/2" wood structural panels applied at right angles to trusses with 8d nails. Appropriate roof covering. Ceiling provides one hour fire resistance protection for trusses.</p>		
		<p>Approx. Ceiling Weight: 5 psf</p> <p>Fire Test: FM FC 172, 2-25-72; ITS, 8-6-98</p>

REVISIONS	BY

STRUCTURAL ENGINEERING:
STRUCTURAL SYSTEMS OF NORTH FLORIDA
 1834 SE 47th STREET, SUITE 103
 CAPE CORAL, FL 33904
 (239) 549-4554
 CA# 8829



DESIGNED IN ACCORDANCE WITH FLORIDA BUILDING CODE 2014

BUILDER:
D.R. HORTON
America's Builder

STRUCTURAL DETAILS FOR
MODEL 2431 M
 16225 ABERDEEN AVENUE
 NAPLES, FLORIDA
 LOT: 128 SUBDIVISION: BARRINGTON COVE

DESIGN/DRAWN	DWB/DWB
CHECKED	DWB
DATE	09/09/15
SCALE	AS NOTED
JOB NO.	DR8788
SHEET	

FOR RAYMOND TRUSS, M ELEVATION, RBS # 13050802MB, DATED: 06/17/14, REVISED: NONE