

DRAWINGS FOR NUMBER OF MEMBERS, BEARING LOCATION, ORIENTATION AND WEB BRACING

REFER TO WTCA/TPI BSCI-B1 SUMMARY SHEET FOR HANDLING METHODS & TEMPORARY BRACING, WHICH IS ALWAYS REQUIRED

BEARING HEIGHTS BASED ON PLANS PROVIDED TO SCOSTA CORP. "+/-" BEARING DIFFERENCES SHOWN ARE CRITICAL. IF ANY HEIGHTS DEVIATE — INFORM SCOSTA CORP.

BEARING WALL & BEAM HEIGHTS

	0'-0"	ELEV.
7/////		ELEV.
		ELEV.
***************************************		ELEV.
HANGER SCHEDII	IF	

HANGER SCHEDULE

C USP HUS 26 (M) USP THDH 28-3 F USP HUS 28 (H) USP THDH 28 (P) USP JUS 24 I USP THDH 28-2 (B)USP MSH 422 W USP HJC 26

HANGER VALUES HAVE BEEN BASED ON 16D COMMON NAILS EXCEPT THE FOLLOWING LUS24 - 10D COMMON THJA26 - 10D x 1-1/2

*****ATTENTION*****

APPROVAL OF THIS TRUSS LAYOUT IS NECESSARY BEFORE FABRICATION CAN BEGIN. VERIFY DIMENSIONS, PITCHES, OVERHANGS, ELEVATIONS, CEILING & BEARING CONDITIONS. SCOSTA CORPORATION IS RESPONSIBLE FOR ACCURACY IN ACCORDANCE WITH PLANS AND/OR INFORMATION PROVIDED BY CUSTOMER, WITH ANY DEVIATIONS NOTED HEREIN. CUSTOMER IS RESPONSIBLE TO VERIFY ACCURACY OF INFORMATION AND PLANS PROVIDED TO SCOSTA CORPORATION, AND TO VERIFY CONFORMANCE TO FIELD CONDITIONS, AND/OR OWNER CHANGES. TRUSSES WILL BE BUILT IN ACCORDANCE WITH THE APPROVED LAYOUT.

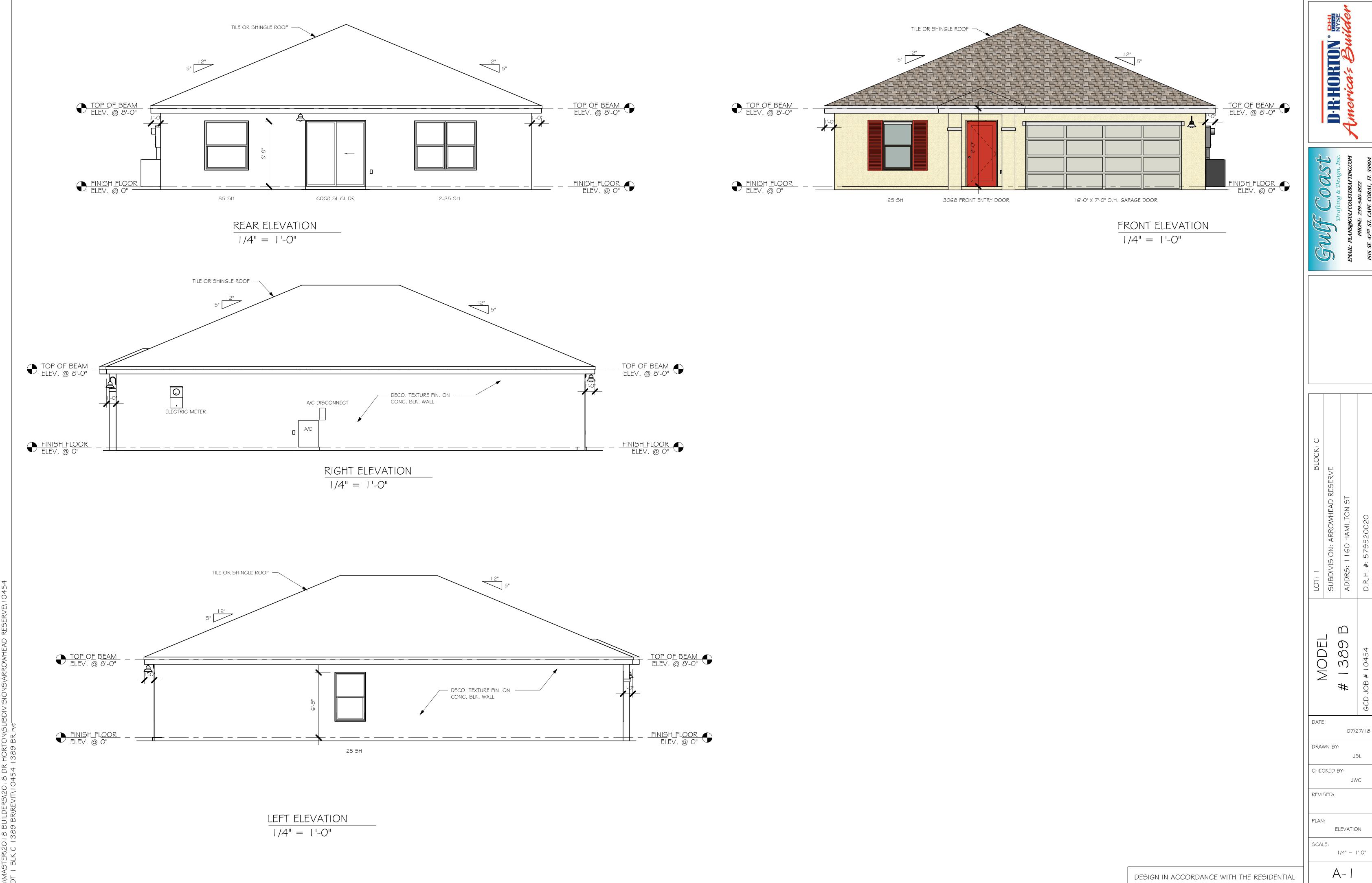
APPROVED BY: _____

DATE: _____ REQUESTED DELIVERY DATE: _____ JOBSITE CONTACT NAME: _____

PHONE #: _____ E-MAIL: _____

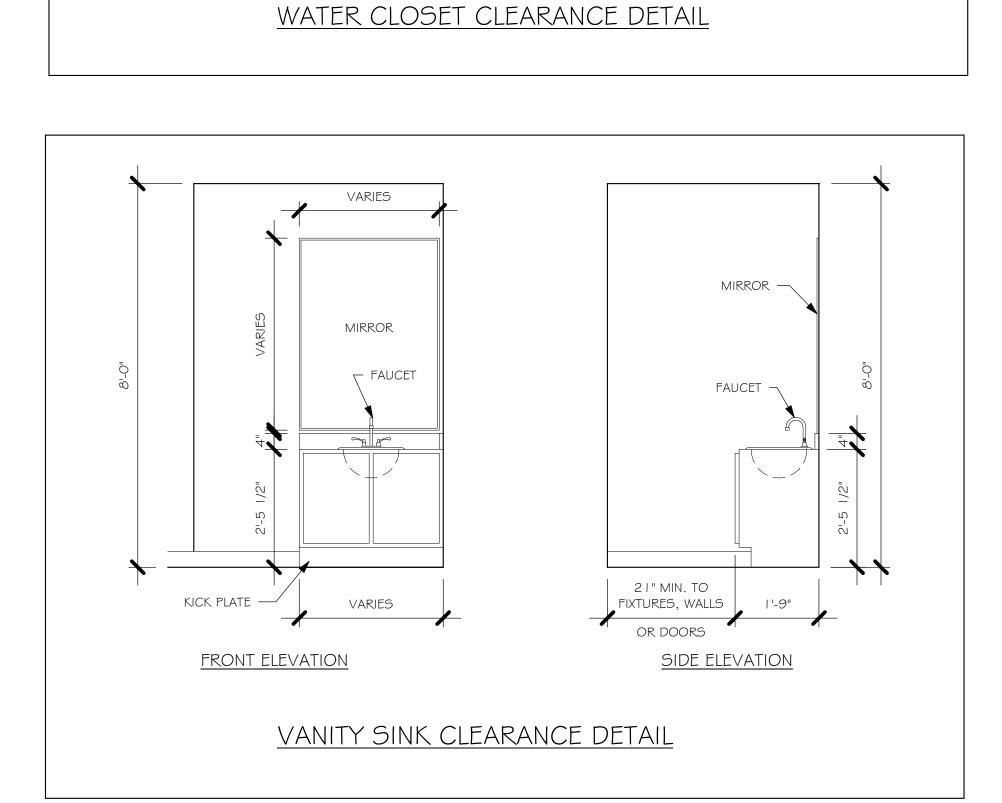
SCOSTA CORP.

	WOOD, STER ROOF & FI 3670 COMMERO SEBRING (863) 3	OOR TRUS	SES	
SCALE: 1/4"=1'-0"	DATE: 05/21/18	REVISED BY:		DRAWN BY: KRISTY
	389 B ARAGE RIGHT			1 of 1
CUSTOMER:			JOB ;	#
D.R. HOR	TON		44	1115B



FLORIDA BUILDING CODE 2017 - 6TH EDITION

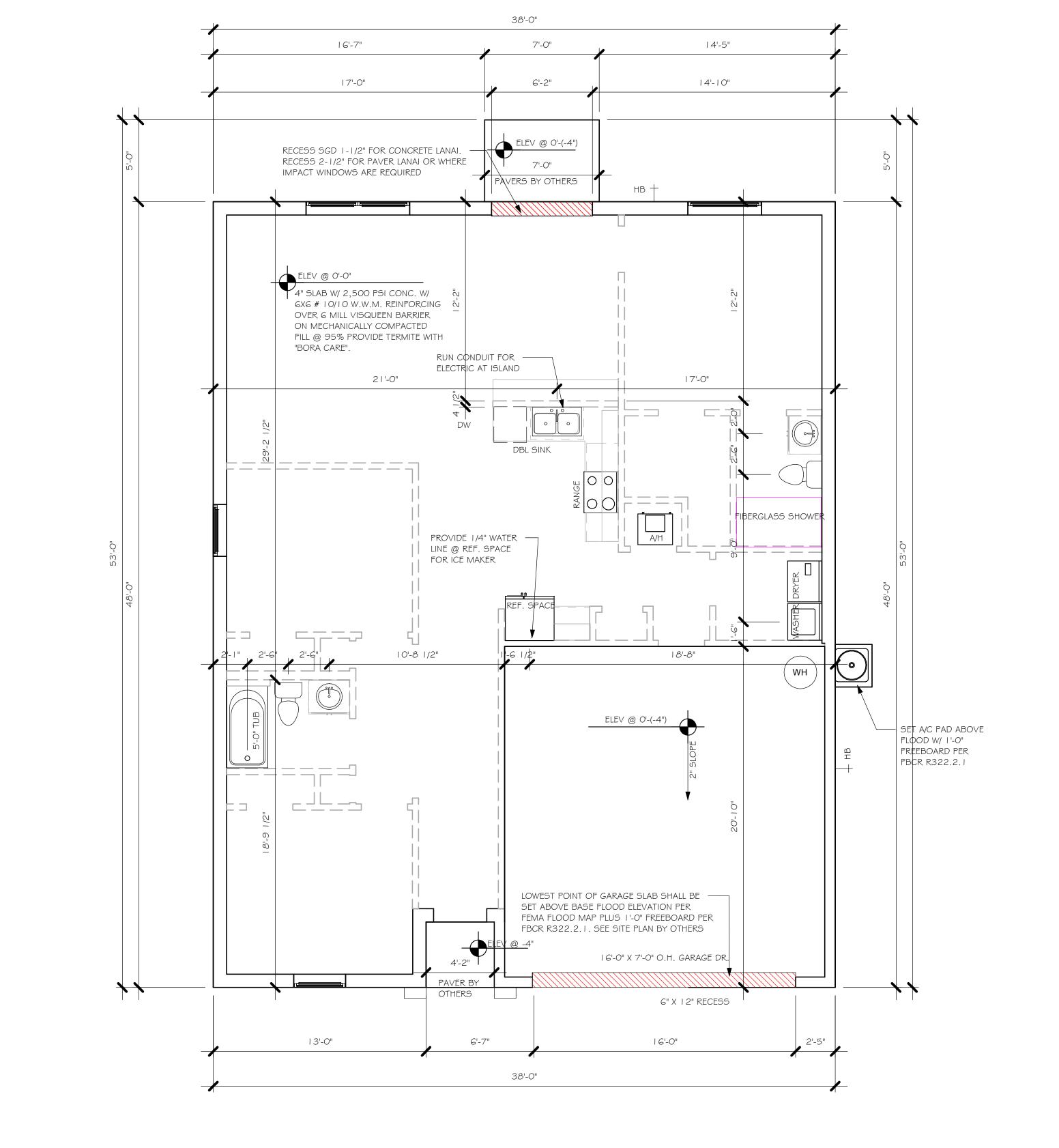


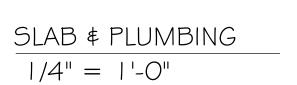


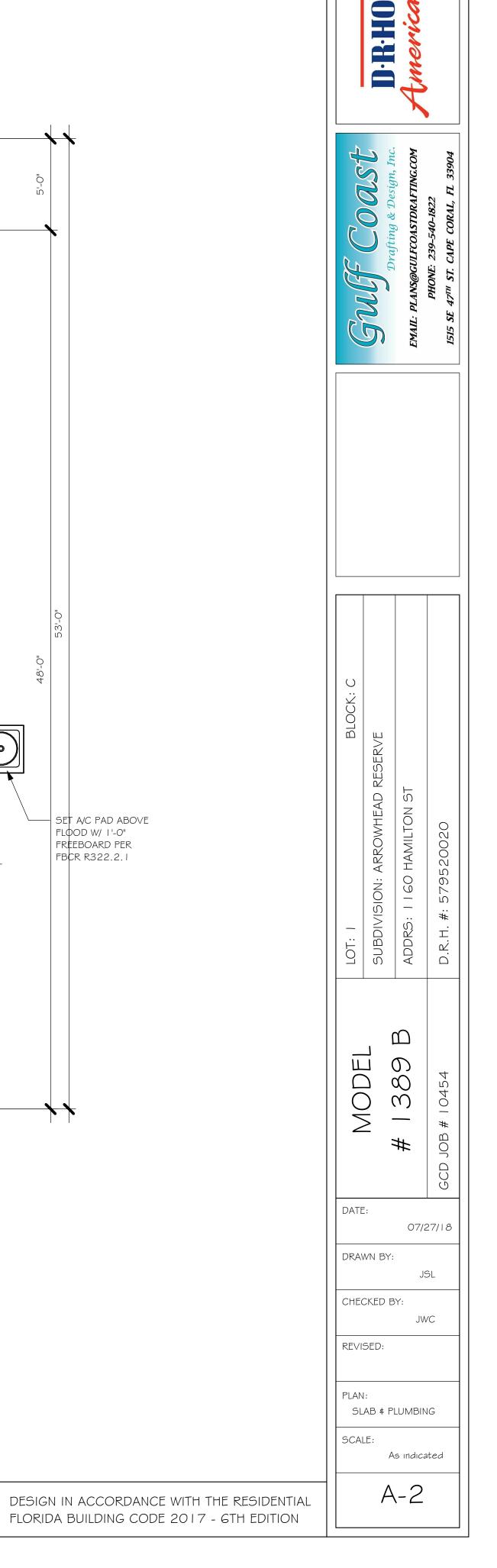
FRONT ELEVATION

36" MAX.

SIDE ELEVATION









	WINDOW SCHEDULE					
MARK	DESCRIPTION	MANUFACTURER	COUNT	HEIGHT	WIDTH	

А	2-25 SH		5'-3"	6'-4"
В	25 SH	2	5'-3"	3'-2"
С	35 SH	1	5'-3"	4'-6"

DOOR HEADERS		
6'-8" BI-FOLD	HEADER HEIGHT	82" A.F.F.
6'-8" SWING	HEADER HEIGHT	82 I/2" A.F.F.
8'-0" SWING	HEADER HEIGHT	98 I/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 308.4.2.
- PROVIDE SAFETY GLAZING AT BATH/ SHOWER PER FLORIDA BUILDING CODE R 308.4.5.
- 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.
- INSTALL SMOOTH WALLS IN KITCHEN AND ALL
- BATHROOM AREAS WHERE DRYWALL CEILING IS APPLIED TO TRUSSES @ 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 THEN 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPARATED WITH NOT LESS THAN 5/8" TYPE "X" GYPSUM BOARD OR EQUIVALENT. WHERE THE SEPARATIION IS A FLOOR - CEILING ASSEMBLY, THE STRUCTURE SUPPORTING THE SEPARTION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2" GYPSOM BOARD OR EQUIVALENT
- 10) INSTALL 1 3/8" THICK SOLID WOOD DOOR BETWEEN LIVING AND GARAGE PER FLORIDA BUILDING CODE R302.1.5,
- II) ALL WINDOWS INSTALLED 72" ABOVE GRADE MUST COMPLY WITH R612.2 MIN 24" SILL HEIGHT OR PROVIDED WITH AN APPROVED WINDOW FALL PRVENTION DEVICE
- 12) ALL CLOSET SHELVES TO BE 12". ALL PANTRY \$ LINEN TO BE (4)-16" SHELVES 18" O.F.F. W/ 15" INCREMENT.

IN.	INTERIOR DOOR SCHEDULE				
MARK	DOOR WIDTH	NOTES			
	3'-0"	P.K. = POCKET DOOR			
2	2'-8"	B.F. = BI-FOLD DOOR			
3	2'-6"	D.1 DI-10LD DOOK			
4	2'-4"	B.P. = BI-PASS DOOR			
5	2'-0"	L.V. = LOUVERED DOC			
6	1'-8"				
7	1'-6"				
8	2'-11"				

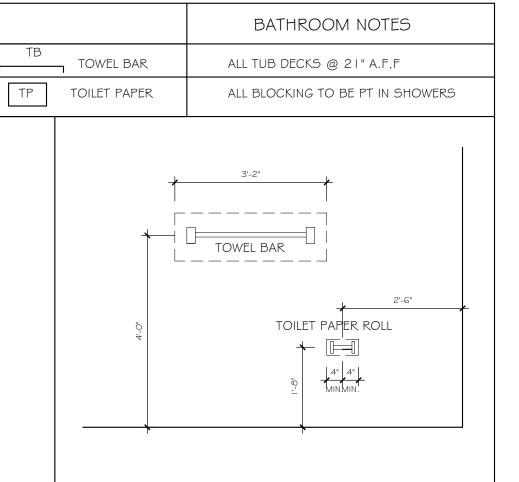
SQUARE FOOTAGE			
LIVING AREA I ,389			
GARAGE AREA 419			
FRONT PORCH/ ENTRY AREA 16			
TOTAL SQUARE FOOTAGE	TOTAL SQUARE FOOTAGE 1,824		

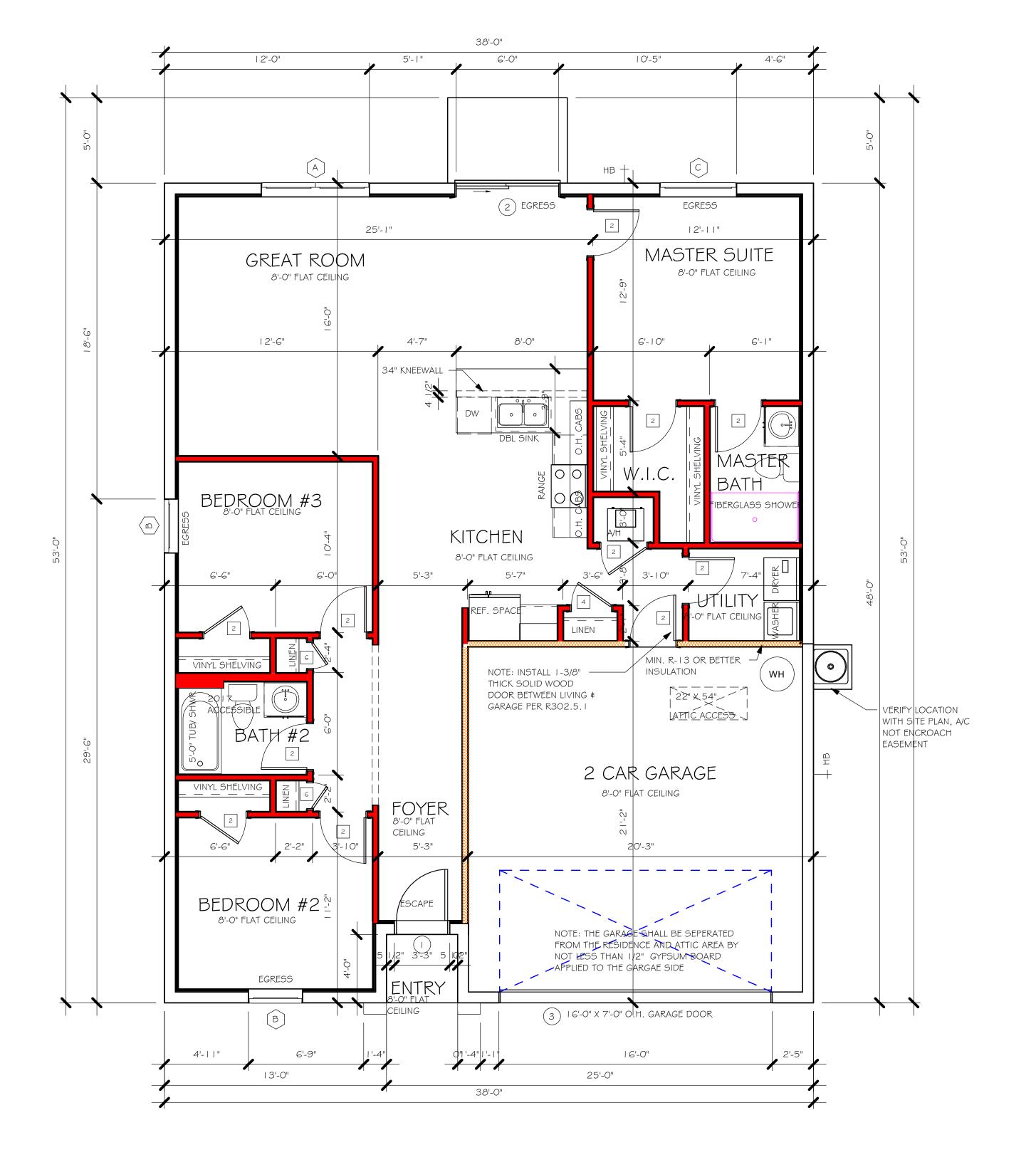
CABINET BACKING			
KITCHEN	UPPER TOP @ 84"	BASE TOP @ 35"	
MASTER BATH	UPPER	BASE TOP @ 35"	
GUEST BATH	UPPER	BASE TOP @ 31"	
LAUNDRY ROOM UPPER TOP @ 84" BASE			

TYPICAL DIMENSION STRING

FACE OF OUTSIDE WALL TO FACE OF STUD WALL FACE OF STUD TO FACE OF STUD

TP	TOILET PAPER	ALL BLOCKING TO BE PT IN SHOWERS
	* T	3'-2" TOWEL BAR
	,0- <u>'</u> 4	TOILET PAPER ROLL





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

FACE OF EXTERIOR WALL —

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

DATE:

DRAWN BY:

CHECKED BY:

REVISED:

SCALE:

07/27/18

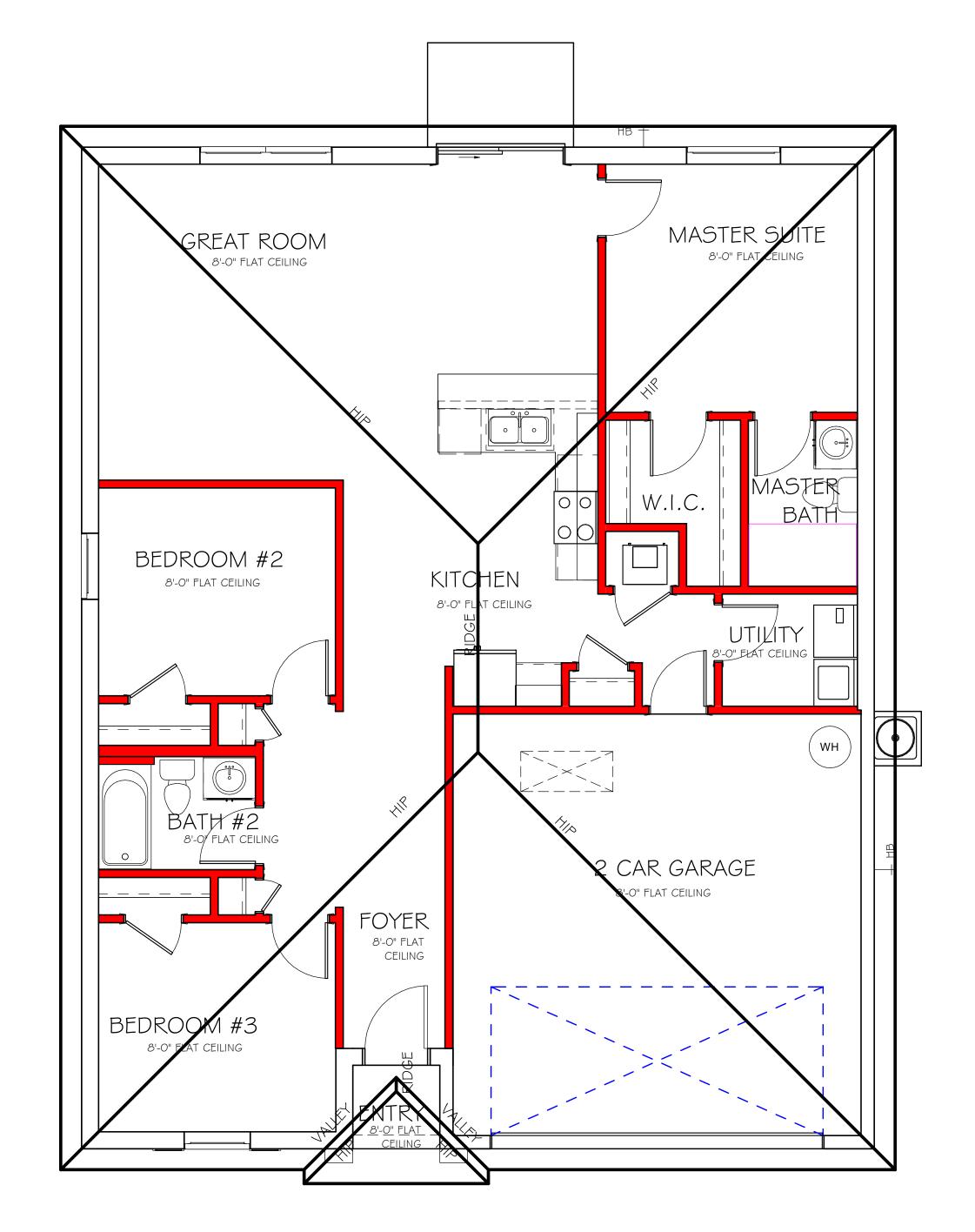
JWC

FLOOR

As indicated

BEARING HEIGHT

= BEARING @ 8'-0"



 $\frac{\text{ROOF PLAN}}{1/4" = 1'-0"}$

MODEL DATE: 07/27/18 DRAWN BY: CHECKED BY: JWC REVISED: PLAN: ROOF SCALE: As indicated A-4

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

TER/2018 BUILDERS/2018 DR HORTON/SUBDIVISIONS/ARROWHEAD RESERVE/10454	1289 BRIREVIT/10454 1389 BR.rvt	

	ECTRICAL LEGEND	
	ELECTRICAL METER	
	ELECTRICAL PANEL	
(J)	I 20 V JUNCTION BOX	
\ominus	SINGLE RECEPTACLE OUTLET	
	220 V RECEPTACLE OUTLET	
	4-PLEX RECEPTACLE OUTLET	
	DUPLEX RECEPTACLE OUTLET	
$\overline{\bullet}$	1/2 SWITCHED DUPLEX OUTLET	
AFF	DUPLEX RECEPTACLE AT ELEV. A.F.F.	
$\overline{}$	DUPLEX RECEPTACLE - ABOVE COUNTER	
()	SINGLE POLE SWITCH	
(∕) 3	3 WAY SWITCH	
() □	DIMMER SWITCH	
₩ ^S	MOTION SENSOR SWITCH	
Sp Scp	AC/DC SMOKE DETECTOR TO BE INTERCONNECTED ANY RESIDENT HAVING A FOSSIL-BURNING HEATER OR APPLIANCE, A FIREPLACE, OR AN ATTACHED GARAGE SHALL HAVE AN OPERATIONAL CARBON MONOXIDE ALARM INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PERPOSES. PER RULE 9B-3.04.72 SD (SMOKE DETECTOR) SCD (CARBON MONOXIDE/ SMOKE DETECTOR)	
	TELEPHONE OUTLET	
-TV	TELEVISION RECEPTION OUTLET	
-	SURFACE MOUNTED CEILING LIGHT	
	RECESSED LIGHT	
Ю	WALL MTD. BRACKET LIGHT	
464	DUPLEX FLOOD LIGHT	
	EXHAUST FAN	
$\nabla \nabla$	TRACK MTD. LIGHTS	
	A/C DISCONNECT	
Ю	PUSH BUTTON (PB) / DOOR BELL (DB)	
(IC)	INTERCOM	
	KEYPAD	
4' FLUORESCENT LIGHT		
)	2' UNDER COUNTER LIGHT	
NOTE: NOT ALL SYMBOLS ARE USED FOR THIS PROJECT. ELECTRICAL NOTES: ARC-FAULT CIRCUIT-INTERRUPTERS AND TAMPER PESISTANT RECEPTACIES SHALL BE INSTALLED		
ARC-FAUL	T CIRCUIT-INTERRUPTERS AND TAMPER IT RECEPTACLES SHALL BE INSTALLED	

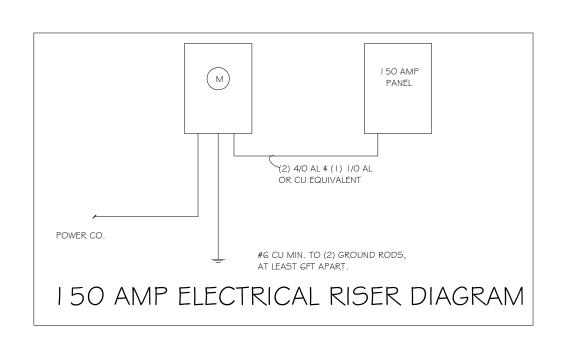
ALL OUTLETS IN WET AREAS AND ALL EXTERIOR OUTLETS TO BE GFI'S.

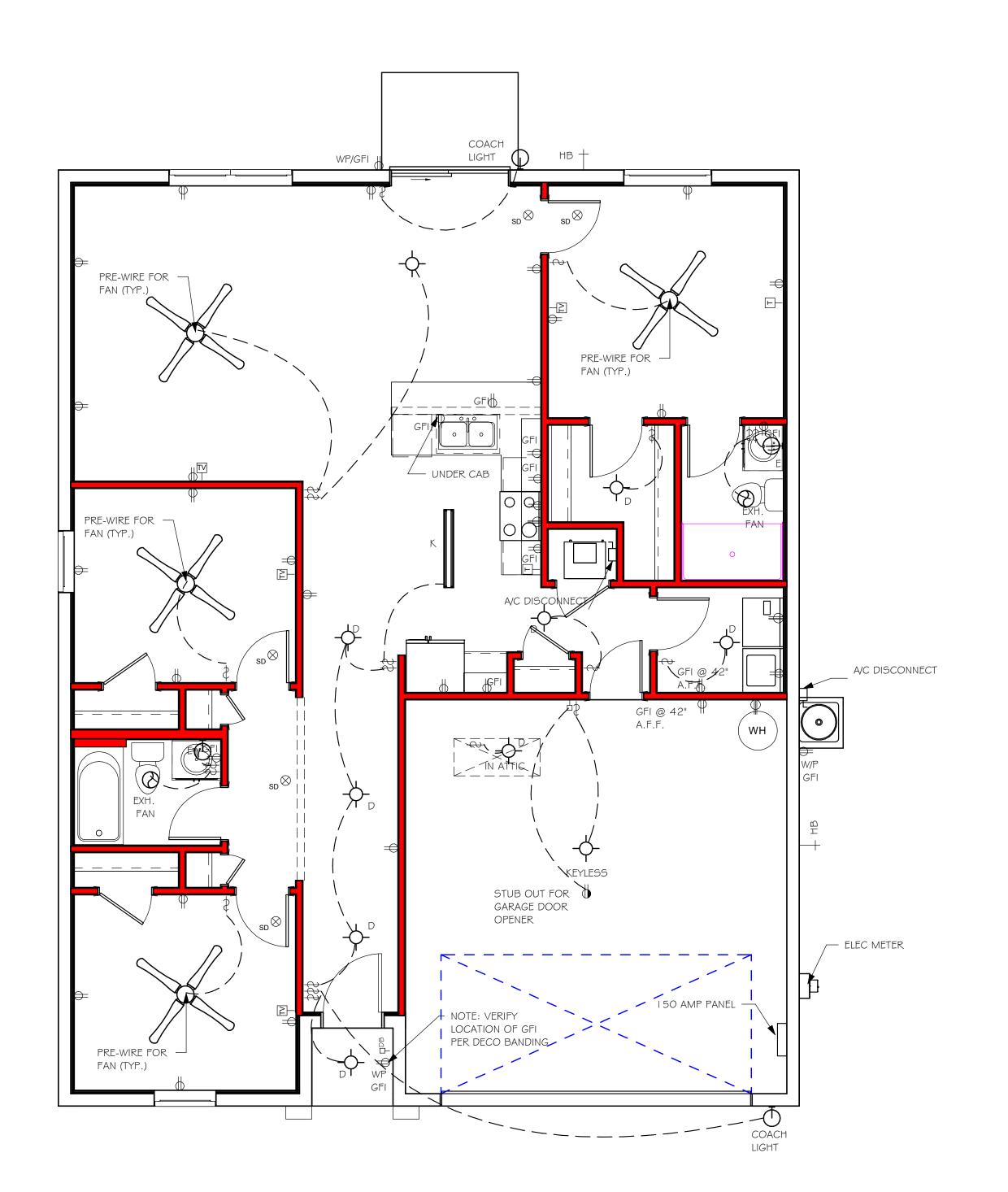
INSTALL PHONE AND T.V PER CONTRACT.

INSTALL ALL ELECTRICAL PER NEC 2014

ELECTRICAL PLAN 1389

	LLLCTINICA	ALTLAN 1303	
200	AMP SERVICE		
TAG	QUANTITY	PRODUCT	
Α	(X)	(RECESSED CANS)	
В	(X)	(VAPORS)	
С	(X)	(PENDANT LIGHT	
D	(10)	(10" MUSHROOMS)	
E	(2)	(24" 3 LT)	
F	(X)	(36" 4 LT)	
G	(X)	(NOT USED)	
Н	(2)	(COACH LIGHTS)	
1	(X)	(COACH LIGHTS)	
J	(X)	(J BOX)	
Κ	(1)	(4' FLUORESCENT)	
L	(X)	(2' FLUORESCENT)	
М	(X)	(5LT CHANDELIER)	
Ν	(X)	(3 LT)	
0	(X)	(PENDANT/ NOOK)	
Р	(X)	(X)	
Q	(X)	(X)	







MODEL

DATE:

DRAWN BY:

CHECKED BY:

REVISED:

PLAN:

SCALE:

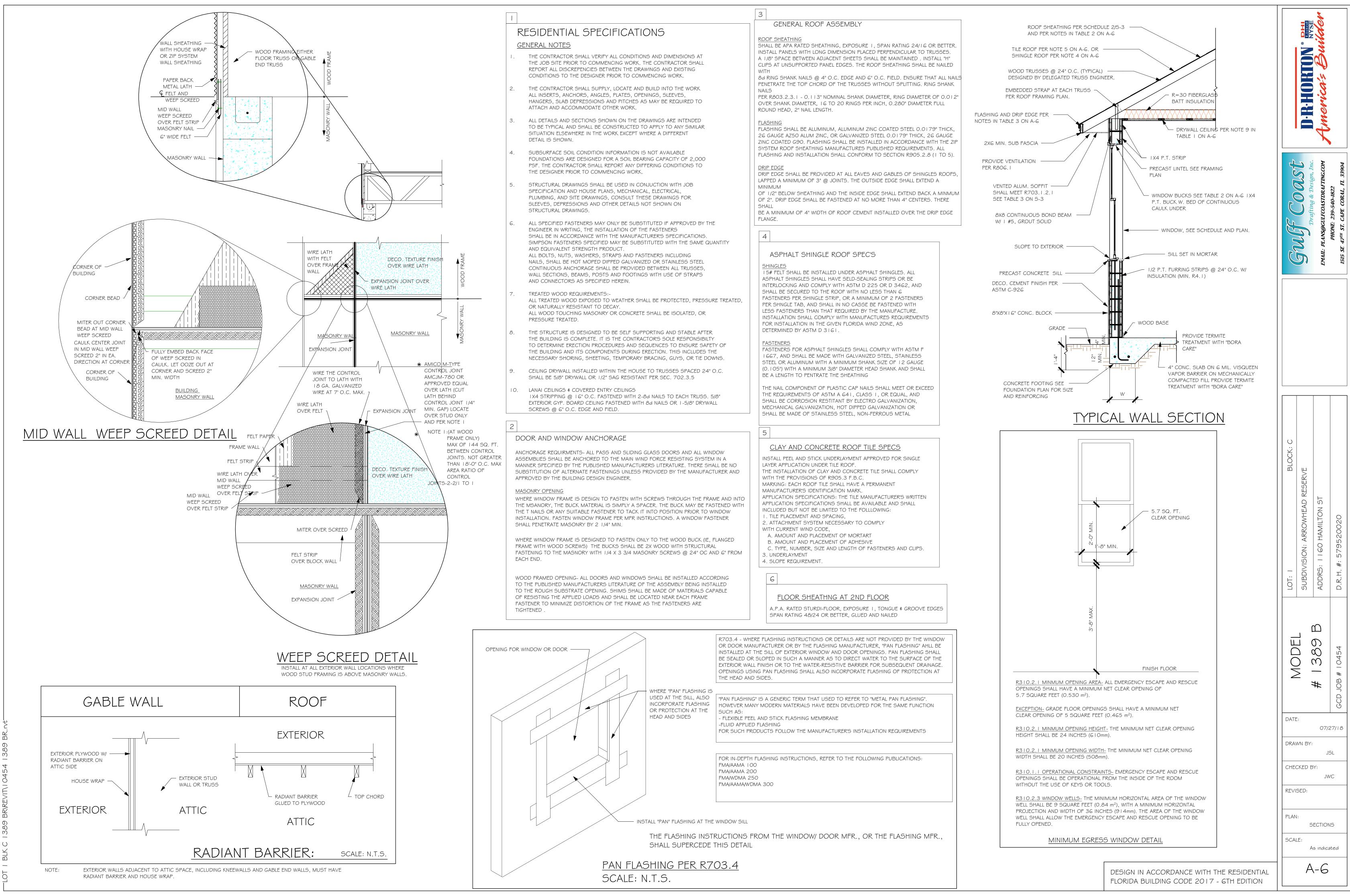
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JWC

ELECTRIC

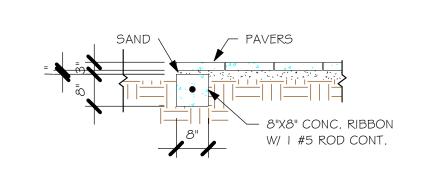
As indicated

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

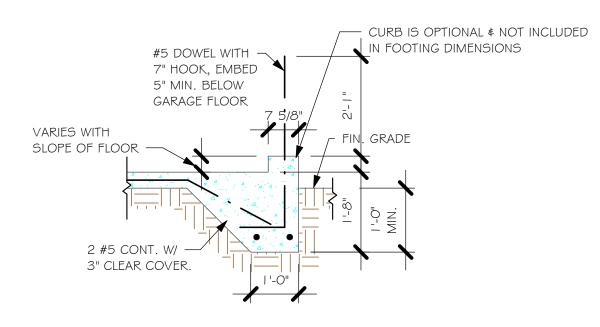


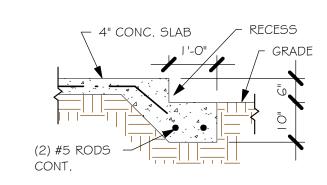
Z:\MASTER\2018 BUILDERS\2018 DR HORTON\SUBDIVISIONS\ARROWHEAD RESERVE\10454

1/2" = 1'-0"



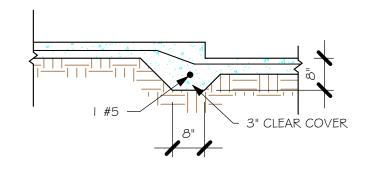
"P" PAVERS DETAIL ENTRY/ LANAI 1/2" = 1'-0"





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

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



 $\frac{\text{"F6A" STEP DOWN}}{1/2\text{"} = 1\text{'-0"}}$

		PAD FOOTING SCHEDULE					
۵					BOTTOM REINF.		
USED	TYPE	LENGTH	WIDTH	DEPTH	LONG WAY	SHORT WAY	REMARKS
X	$\langle \mathbf{A} \rangle$	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	-

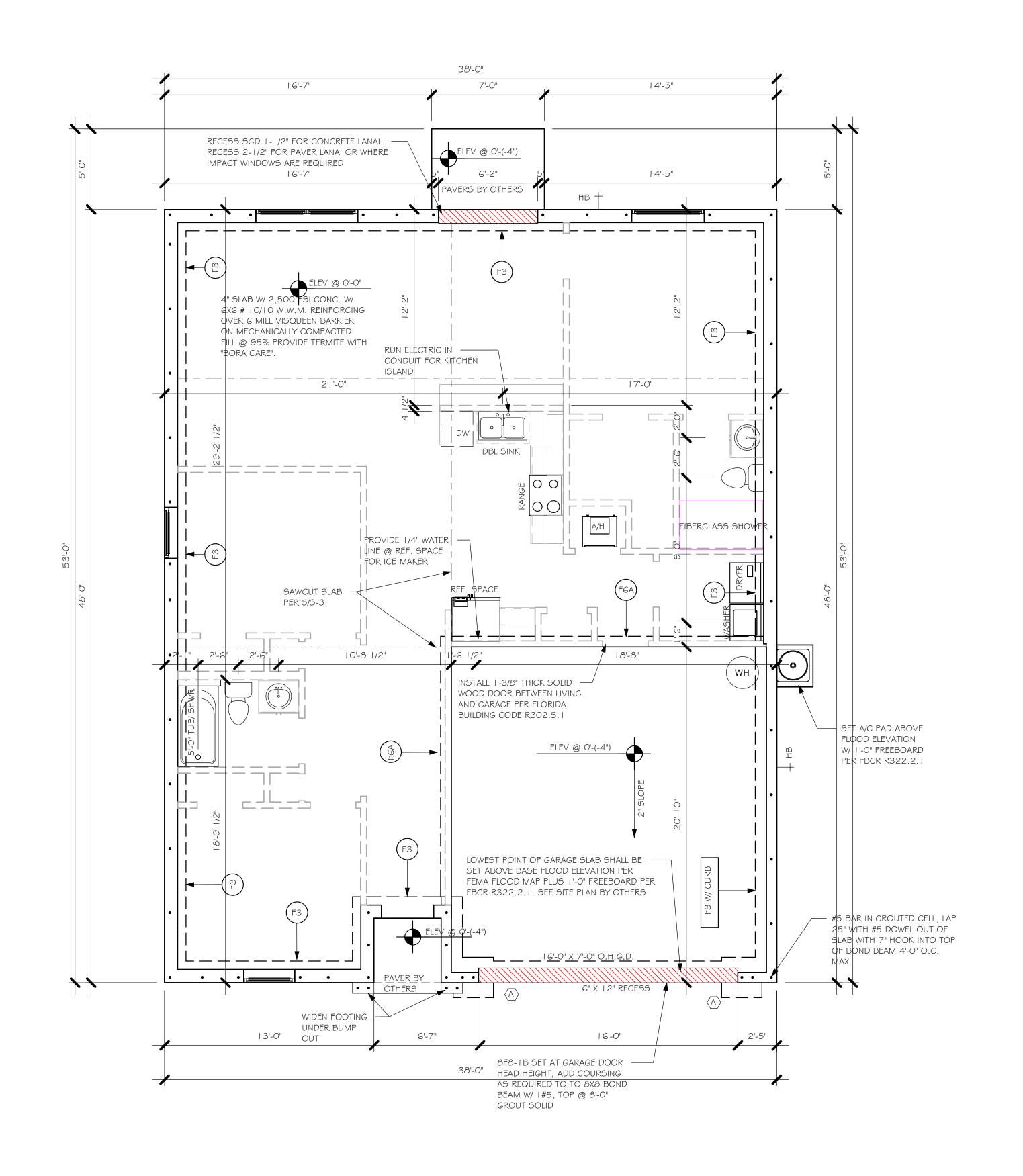
							_
	W	ALL F	IITOC	NG SC	CHEDULI		
USED	TYPE	LENGTH	WIDTH	DEPTH	BOTTOM REINFORCING	SHAPE	
	F1	CONT.	1'-4"	0'-8"	2-#5		
	F2	CONT.	1'-8"	0'-10"	2-#5		
\setminus	F3	CONT.	1'-0"	1'-8"	2-#5	₩	ADD CURB 1 GARAGE, SE DETAIL
	F4	CONT.	1'-4"	1'-8"	2-#5		DETAIL
	F5	CONT.	1'-4"	1'-0"	2-#5		
	F6	CONT.	1'-4"	1'-0"	2-#5	F	
\setminus	F6Δ	CONT	0'-8"	0'-8"	1_#5		1

TE CONT. 0'-8" 0'-8"

FOUNDATION PLAN

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

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



FOUNDATION 1/4" = 1'-0"

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

DATE:

DRAWN BY:

CHECKED BY:

FOUNDATION PLAN

As indicated

REVISED:

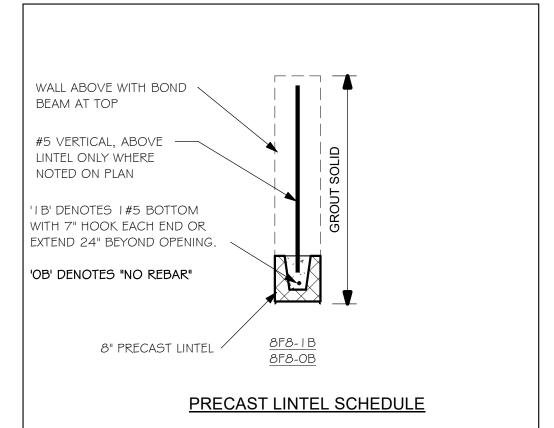
SCALE:

07/27/18

TRUSS STRAPPING TO MASONRY						
MAX TRUSS UPLIFT @ 24" OC (LBS)	CONNECTOR	FASTENER				
1615 1870 2430 (1 PLY) 2800 (2 PLY) 3170 (2 PLY) 5005	(1) HTA16-18 (1) HTA20 (2)HTA16-18 (2)HTA16-18 (2) HTA20 HTT45	10-10dx1/2", EMBED 4" 10-10dx1/2", EMBED 4" 10-10dx1/2", EMBED 4" 10-10dx1/2", EMBED 4" 10-10dx 1/2", EMBED 4" 5/8"ø ATR, EPOXY 12"				

- I. 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 -C/L OF WALL.
- 2. CONNECTORS ARE USP STRUCTURAL CONNECTORS. ALL CONNECTORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH USP PRINTED INSTUCTIONS. SUBSTITUTIONS MUST BE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
- WHERE EMBEDDED STRAPS ARE MISSING, OR MIS-LOCATED, INSTALL RETROFIT STRAP PER 2/S-4.
- 'ATR' = ALLTHREAD. DRILL AND EPOXY WITH USP EPOXY PER MFR.

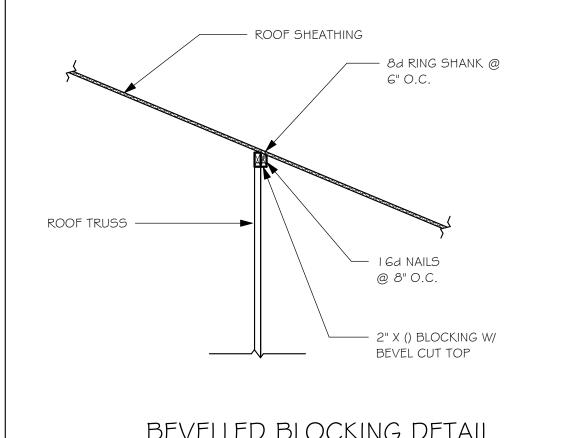
INSTRUCTIONS.



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

PLAN NOTES:

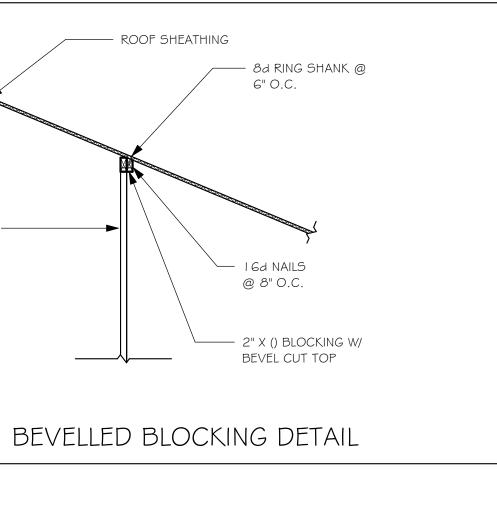
- ROOF TRUSS BEARING @ 8'-0".
- ROOF FRAMING SHALL BE WOOD TRUSSES DESIGNED BYA DELEGATED TRUSS ENGINEER PER DESIGN CRITERIA ON SHEET S-3.
- PROVIDE STRAPPING AT TRUSSES PER NOTES ON THIS SHEET.
- FOR NAILING OF ROOF AND FLOOR DECK, SEE | AND 2 ON S-3.
- 8F8-1B etc., DENOTES PRECAST LINTEL ABOVE DOORWINDOW OPENING PER SCHEDULE THIS SHEET.
- AT TRUSS BEARING, PROVIDE 8x8 MASONRY BOND BEAM W/ I #5 CONTINUOUS, SEE DETAIL I I/S-4.



TRUSS BEARING CONDITIONS AND STRAPPING IS BASED ON TRUSS LAYOUT PREPARED BY SCOSTA JOB#: 44 | | 5 B DATED: 5/2 | / | 8 REVISED: NONE

BEARING HEIGHT

= BEARING @ 8'-0"



8F8-1B SET AT GARAGE DOOR -HEAD HEIGHT, ADD COURSING AS REQUIRED TO 8X8 BOND BEAM W/ 1#5 TOP @ 8'-0" GROUT SOLID

BEDROOM #3

8'-0" FLAT CEILING

BATH #2

8'-0" FLAT CEILING

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

EJ7

EJ7

FOYER

8'-0" FLAT

CEILING

8F8-0B

W.I.C.

2 CAR GARAGE

8'-0" FLAT CEILING

MASTER

BATH

- • | • |

GREAT ROOM

I-HTA20

@ A I

(+33.5, -36.3) WIND —

MPH, EXPOSURE C, AND

CONVERTED TO ALLOWABLE

STRESS DESIGN PRESSURES

USING O.6W LOAD FACTOR.

(Vasd= I 24 MPH, RISK CAT II,

ENCLOSED, kd=0.85, H-15')

EMBED HTA 16-18 AT ALL TRUSSES, EXCEPT AS

I-HTA20

@ A I

NOTED AT GIRDERS

PRESSURES PER ASCE7-10, 160

8'0" FLAT CEILING



- WHERE ROOF SHEATHING

ROOF TRUSSES, INSTALL

THIS SHEET (DR HORTON

COMPANY REQUIRMENT)

CONTACTS ONLY THE EDGE OF

BEVELLED BLOCKING PER DETAIL

____ I-HTA20

@ A I

- #5 BAR IN GROUTED CELL, WITH 7" HOOK INTO TOP

- EMBED HTA 16-18 AT ALL

TRUSSES, EXCEPT AS

NOTED AT GIRDERS

- 8"X8" CONTINUOUS A6 MASONRY BOND BEAM AT TOP OF WALL W/ 1#5

A5 BARS PER *8/*S-3

A2— 1-HTA20

@ A I

BAR. PROVIDE CORNER

— THE GARAGE SHALL BE SEPERATED FROM THE

GYPSUM BOARD APPLIED TO THE GARAGE SIDE.

GARAGES BENEATH HABITABLE ROOM SHALL BE SEPERATED WITH NOT LESS THAN 5/8" TYPE "X"

GYPSUM BOARD OR EQUIVALENT. WHERE THE SEPERATION IS A FLOOR-CEILING ASSEMBLY THE STRUCTURE SUPPORTING THE SEPERATION SHALL ALSO BE PROTECTED BY NOT LESS THAN 1/2"

J5 RESIDENCE & ATTIC BY NOT LESS THAN 1/2"

GYPSUM BOARD OR EQUIVALENT

- CORNER BARS IN BOND BEAM PER DETAIL 8/S-3

OF BOND BEAM

STRUCTURAL SYSTEMS OF NORTH FLORUM 1634 SE, 47th ST SUITE #3 CAPE CIRAL, FL 33904 (239) 549-4554

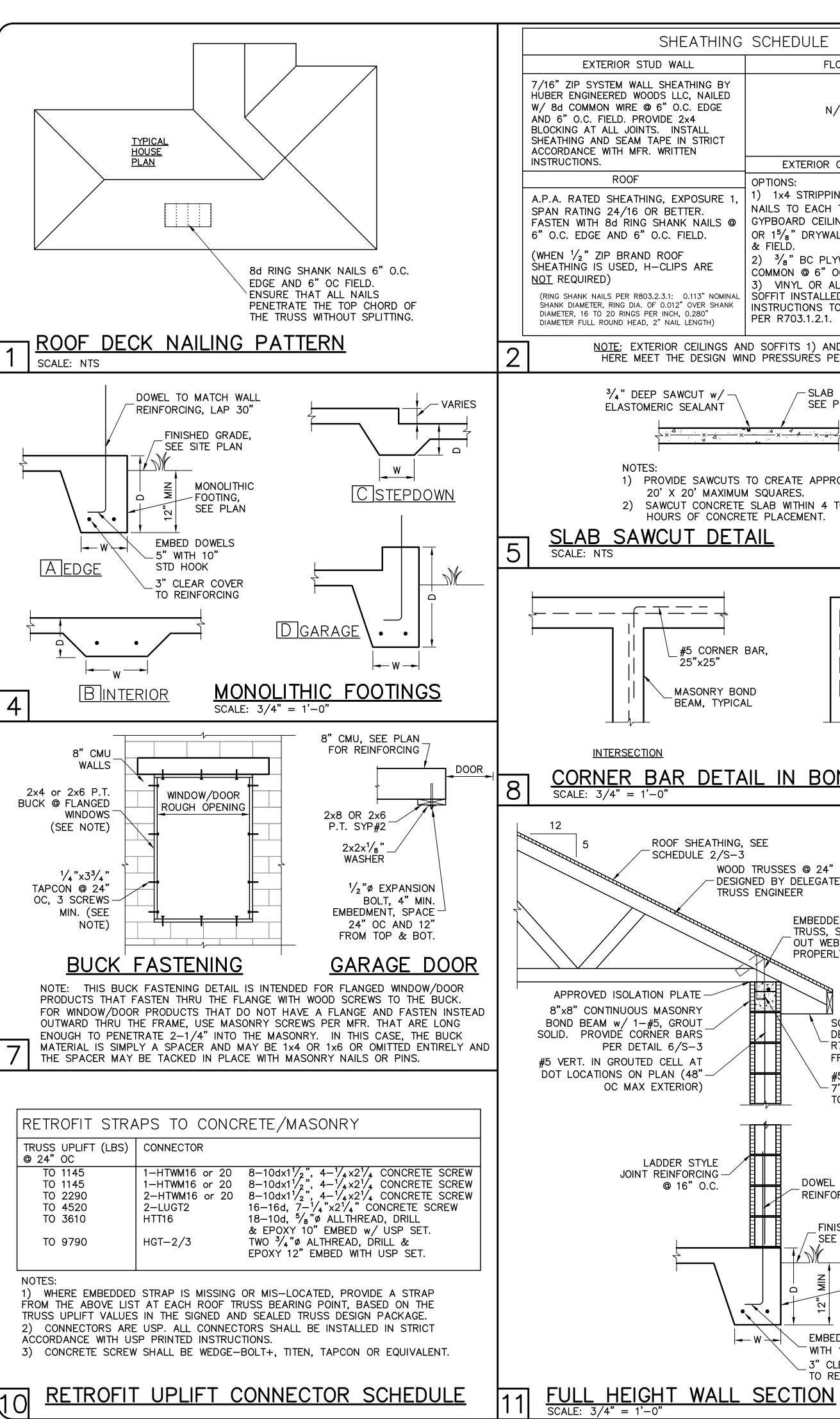
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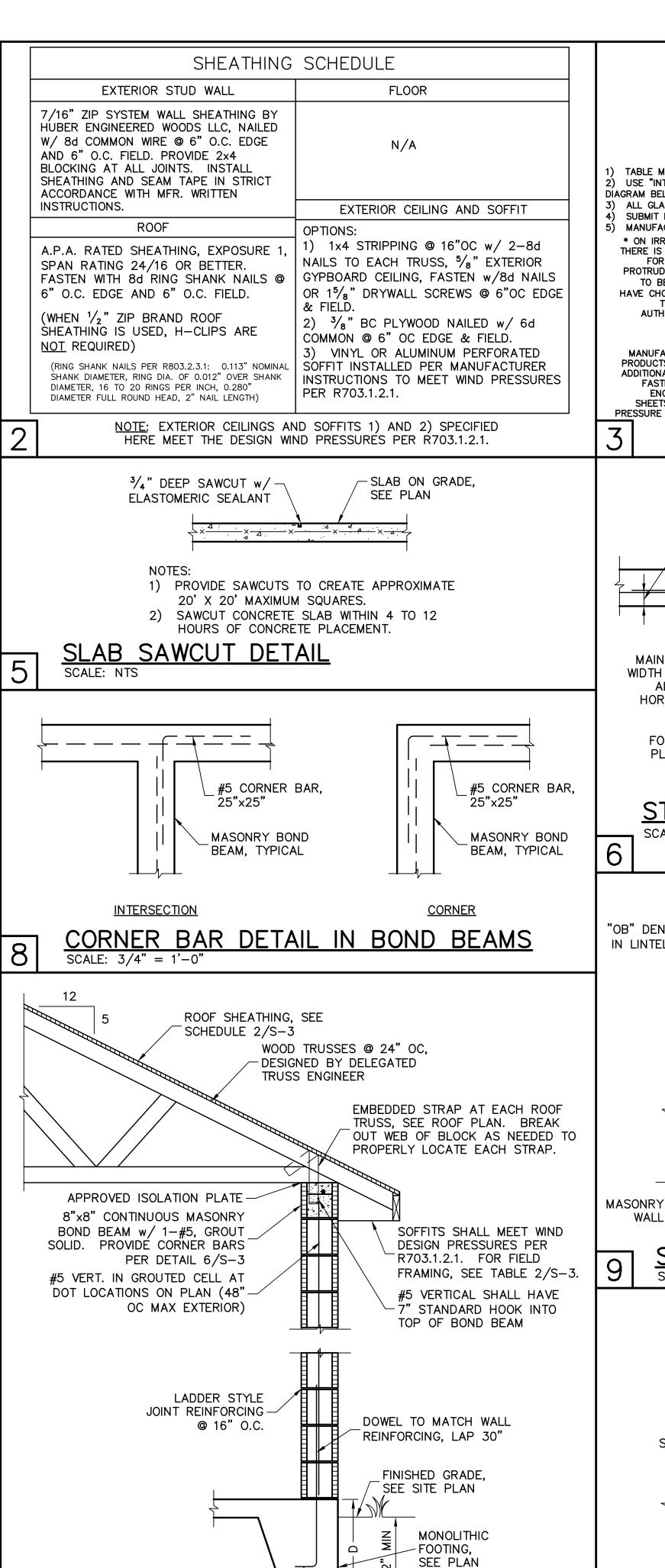
DATE: 07/27/18 DRAWN BY: JSL

CHECKED BY: JWC REVISED:

ROOF FRAMING PLAN SCALE:

As indicated

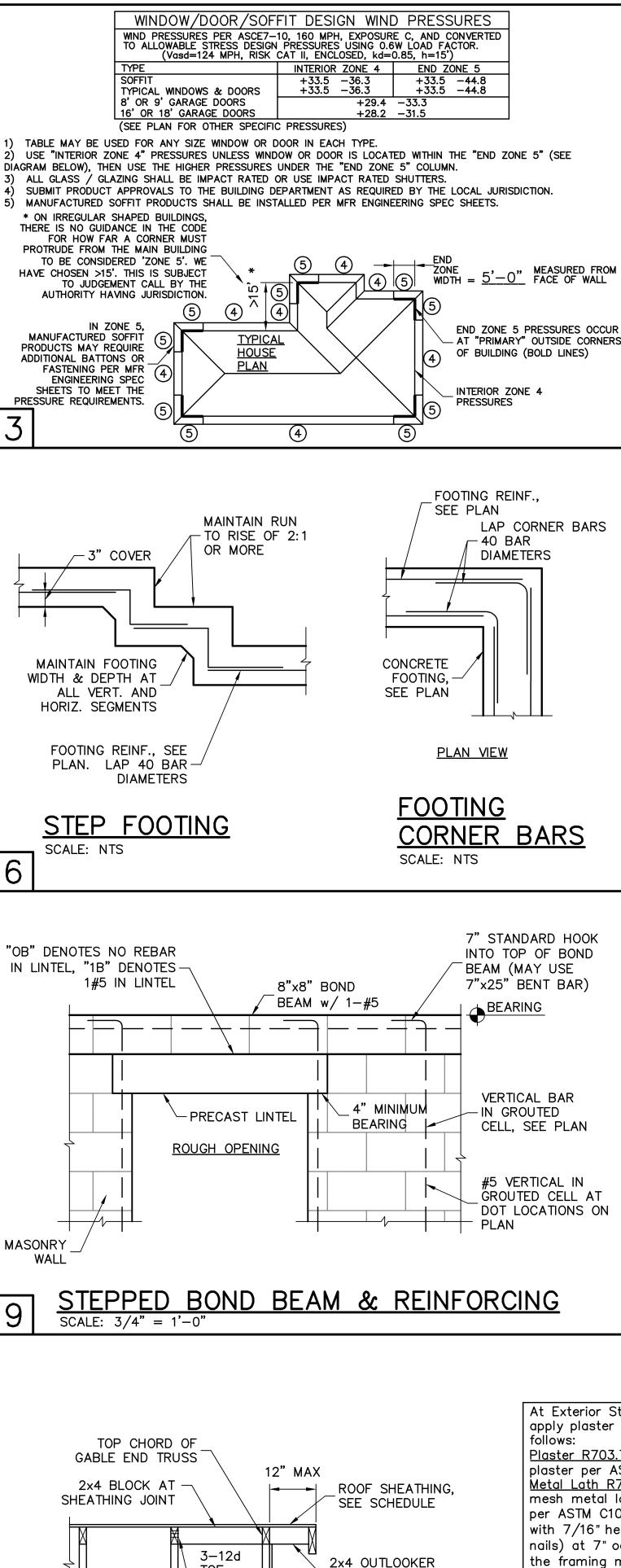




EMBED DOWELS 5"

3" CLEAR COVER TO REINFORCING

WITH 10" STD HOOK



DESIGN CRITERIA: DESIGN IN ACCORDANCE WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 6th EDITION (2017) RESIDENTIAL 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/ TCLL) 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 WIND LOADS: WIND DESIGN PER, ASCE7-10 BASIC WIND SPEED (ASCE7-10) NOMINAL WIND SPEED (Vasd TABLE R301.2.1.3) BUILDING CATEGORY IMPORTANCE FACTOR **EXPOSURE** MEAN ROOF HEIGHT ROOF PITCH ENCLOSURE CLASS. INTERNAL PRES. COEFF. WINDOW/DOOR DESIGN WIND PRESSURE, SEE TABLE IN DETAIL 3 SOFFITS - PER R703.1.2.1, ALL SOFFITS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLE R301.2(2) FOR WALLS. REINFORCED CONCRETE: DESIGN AS PER ACI 318-14 REQUIRED COMPRESSIVE STRENGTH AT 28 DAYS: SLAB ON GRADE 31/2" MINIMUM THICKNESS REINFORCED WITH 6x6 w1.4xw1.4 WWF OR CONVENTIONAL SHALLOW FOOTINGS BEAMS AND COLUMNS ALL OTHER CONCRETE (U.N.O.) UNLESS OTHERWISE SHOWN ON DRAWINGS, MINIMUM CONCRETE COVER

> 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.

CENTERED

ALL REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE

SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACING

SPLICES IN REINFORCING, SHALL BE 40 BAR DIAMETERS. NON-CONTACT LAP SPLICES MAY BE USED PROVIDED REINFORCING IS NOT SPACED MORE

AND SPECIFICATIONS. ALL REINFORCING STEEL SHALL BE HELD

REINFORCING STEEL - ASTM A615 GRADE 40 FOR #3

TYPICAL BENDING DIAGRAMS AND PLACING DETAILS OF ACI STANDARDS

REINFORCED MASONRY

DESIGN PER ACI 530-13 REQUIRED COMPRESSIVE STRENGTHS: MASONRY WALLS

FOR REINFORCING SHALL BE AS FOLLOWS:

WELDED WIRE FABRIC - ASTM A185

FOOTINGS

BEAMS

COLUMNS

OF CONCRETE

SLAB ON GRADE

L/240 LIVE, L/180 TOTAL

160 MPH

124 MPH

= 15 FT

ENCLOSED

+/- 0.18

f'c = 2500 PSI

f'c = 2500 PSI

GRADE 60 FOR #4 TO #11

f'c = 3000 PSI

5/12

REINFORCING STEEL - ASTM A615 GRADE 60. SPLICES 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.

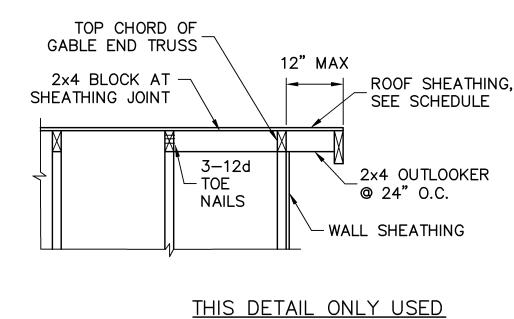
DELEGATED-ENGINEERED WOOD ROOF TRUSSES: ALL WOOD ROOF TRUSSES SHALL BE DESIGNED BY DELEGATED TRUSS ENGINEER PER RULE 61G15-31.003 OF THE FLORIDA ADMINISTRATIVE CODE. ALL TRUSSES SHALL HAVE TEMPORARY BRACING PER "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED 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.

FOUNDATION: CONVENTIONAL SHALLOW CONCRETE FOOTINGS SOIL BEARING CAPACITY 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.

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

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.

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.



FOR ELEVATION A

At Exterior Stud Walls and Gable Ends with Wall Sheathing, apply plaster over metal lath over water resistive barrier as

Plaster R703.7.2: 3—coat 7/8" thick portland cement based plaster per ASTM C926 Metal Lath R703.7.1: Self furring paper backed 2.5lb diamond mesh metal lath per ASTM C847, G60 galvanized, fastened

per ASTM C1063 with 1-1/2" long, 11 gage nails with 7/16" head (roofing nails) at 7" oc, or 1-1/2"long, 16 gage staples at 6" oc, into

the framing members (ie, the nails or staples must align with and penetrate 3/4" into the framing studs). <u>Water Resistive Barrier (WRB) R703.7.3</u>: 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).

OUTLOOKER DETAIL SCALE: N.T.S.

JURA 389 SO HAMILTO MOKALEE, OSTRU

REVISIONS

DESIGN/DRAWN DWB/DWB CHECKED DWB 07/25/18 SCALE **VARIES** JOB NO. DR10454 SHEET

ORTON

D-R-H

ALSS

SHEET 3 OF 3