

ABBREVIATIONS

A/C	AIR COOLING UNIT
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
ALUM	ALUMINUM
BLK	BLOCK
BOT	BOTTOM
BRG	BEARING
CJ	CONTROL JOINT
CLG	CEILING
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CPT	CARPET
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
EA	EACH
ELEC	ELECTRIC
EQ	EQUAL
FF	FINISH FLOOR
FTG	FOOTING
HB	HOSE BIB
HDR	HEADER
HGT	HEIGHT
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
OPNG	OPENING
SIM	SIMILAR
TYP	TYPICAL
VLT	VAULT
UNO	UNLESS NOTED OTHERWISE

area tabulation 'a'

GARAGE	403 SF
FRONT PORCH	38 SF
REAR PATIO	104 SF
FLOOR 1 LIVING	1,776 SF
TOTAL LIVING	1,776 SF

area tabulation 'b'

GARAGE	403 SF
FRONT PORCH	117 SF
REAR PATIO	104 SF
FLOOR 1 LIVING	1,776 SF
TOTAL LIVING	1,776 SF

Radford

39' - 1776 - LH
Florida Region (Frame)

REVISIONS

NUMBER	DATE	DESCRIPTION
01	03.04.2021	Added Elevations A1 & B1
02	06.14.21	Added outlet to BR2, Relocate & noted outlets to meet 6' max from wall break & 12' max between outlet spacing at habitable rooms (E1.1)
03	07.08.21	Added floor break transition strips to plan
04	07.21.21	Added Elevations A4 & B4
05	08.02.21	labeled egress windows, labeled accessible bath, smoke/carbon alarms near appliances noted
06	08.24.21	Added stemwall options



BUILDING CODE COMPLIANCE

ALL CONSTRUCTION TO COMPLY WITH LOCAL CODES AND ORDINANCE CURRENTLY IN USE WITH THE LOCAL JURISDICTION.

PRODUCT: NEW SINGLE FAMILY DETACHED

OCCUPANCY CLASSIFICATION:

RESIDENTIAL R-3

CONSTRUCTION CLASS:

UNPROTECTED

CONSTRUCTION TYPE:

TYPE VB

EMERGENCY ESCAPE:

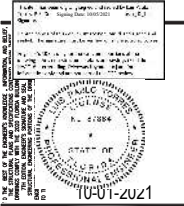
EGRESS OR RESCUE WINDOWS FROM SLEEPING ROOMS SHALL HAVE MINIMUM OF 5.7 SQUARE FEET

APPLICABLE CODES:

FOLLOW ALL APPLICABLE STATE AND LOCAL CODES.
FLORIDA STATE SUPPLEMENTS AND AMENDMENTS.

2020 Florida Building Code, Residential, 7th Edition

2017 National Electrical Code, NFPA 70



Reserve at Jewel Lake
Lot 020
33-3S-16-02439-202
Lake City, FL 32024

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PLAN NUMBER: 33911776
RELEASE DATE: 02.22.2021

MODEL: RADFORD
DRAWING TITLE: COVER SHEET

SHEET NO:

CS

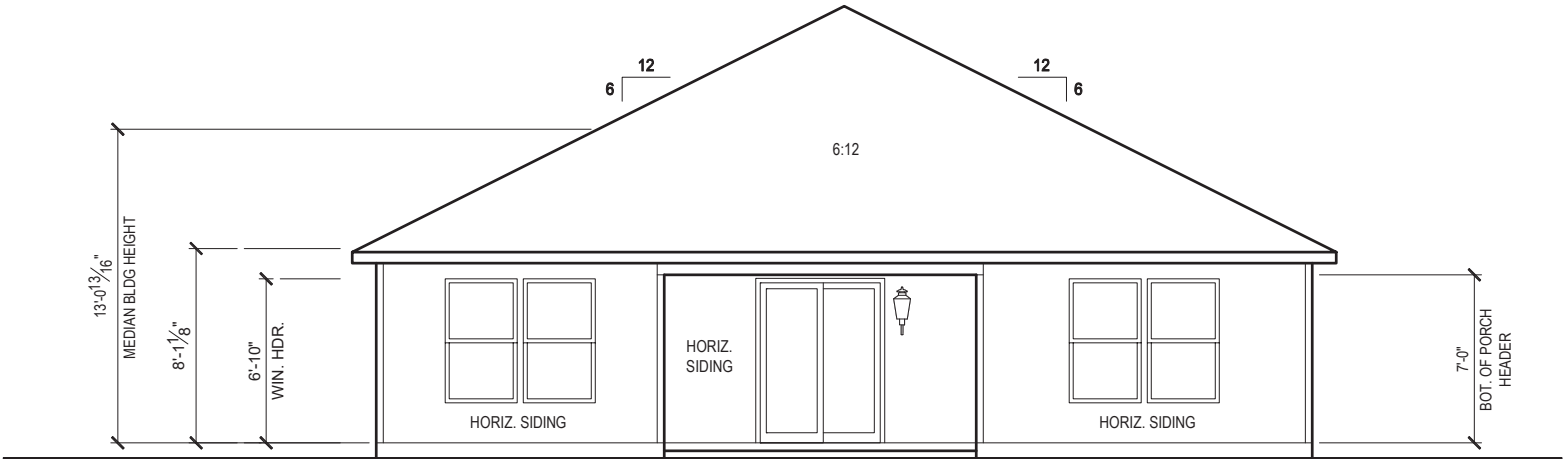
INDEX

ARCHITECTURAL

CS	GENERAL NOTES & LEGENDS
A1	EXTERIOR ELEVATIONS
A2	SLAB PENETRATION PLAN
A3	FLOOR PLANS
A4	SECTIONS & DETAILS
A5	INTERIOR DETAILS
A6	ROOF PLAN
E1	ELECTRICAL PLANS
CD	CONSTRUCTION DETAILS

Keynotes | Legend

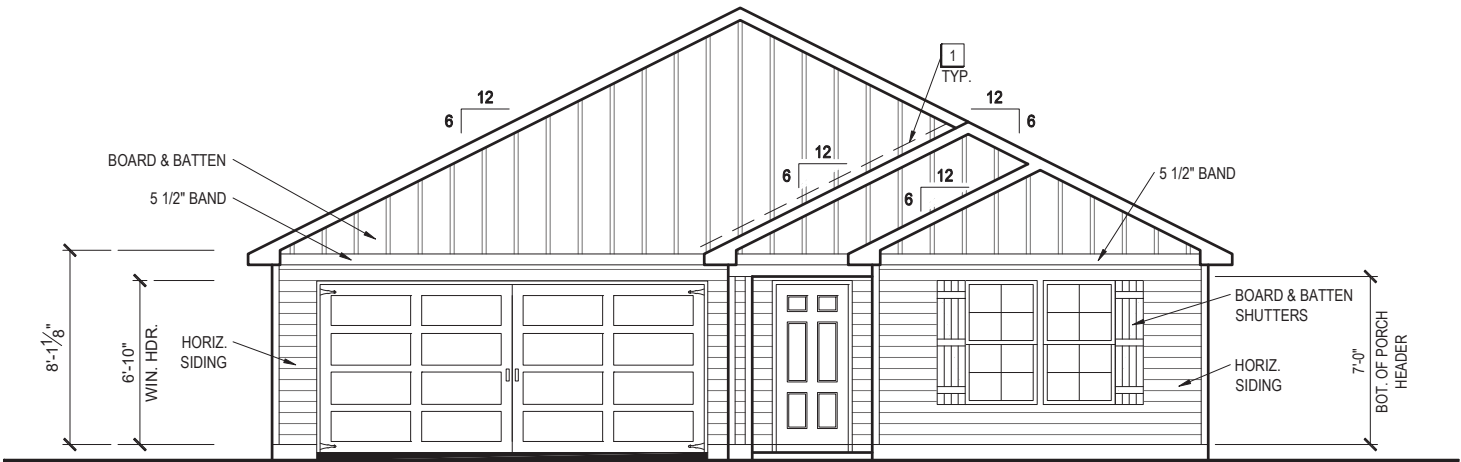
1. CORROSION RESISTANT ROOF TO WALL FLASHING AT ALL ROOF / WALL INTERSECTIONS.
2. CORROSION RESISTANT SCREEN LOUVERED VENTS, SIZE AS NOTED.
3. BRICK WAINSCOT WITH SLOPED BRICK ROWLOCK CAP.
4. STONE WAINSCOT WITH SLOPED STONE CAP.
5. 3 1/2" VINYL TRIM SURROUND
6. 36" H. GUARDRAIL AS REQUIRED



REAR ELEVATION 'A1'

1/8" = 1'-0" @ 11x17

1/4" = 1'-0" @ 22x34



FRONT ELEVATION 'A1'

1/8" = 1'-0" @ 11x17

1/4" = 1'-0" @ 22x34



10-01-2021

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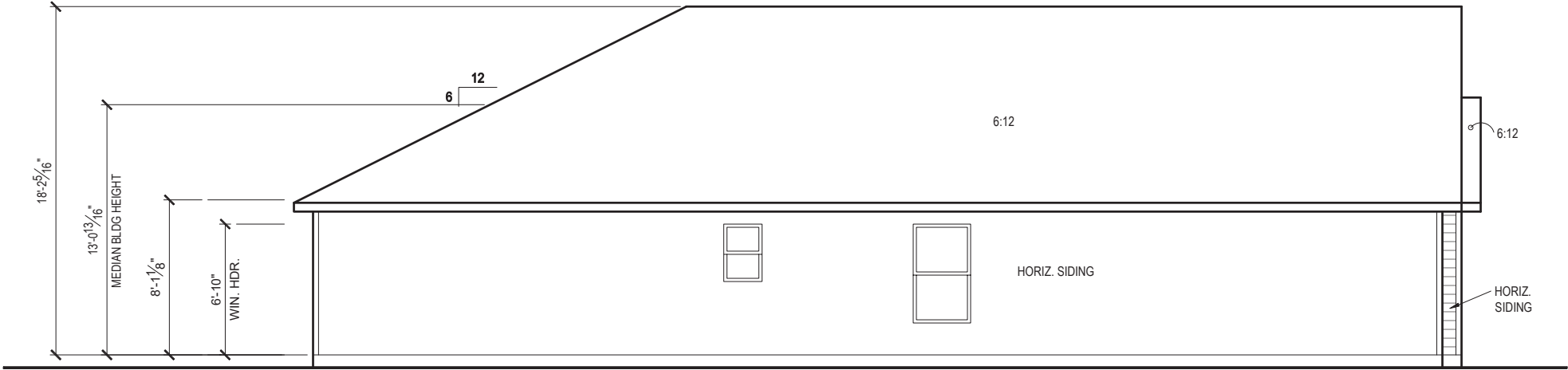
RELEASE DATE:
02.22.2021

MODEL:
RADFORD

DRAWING TITLE:
EXTERIOR ELEVATIONS

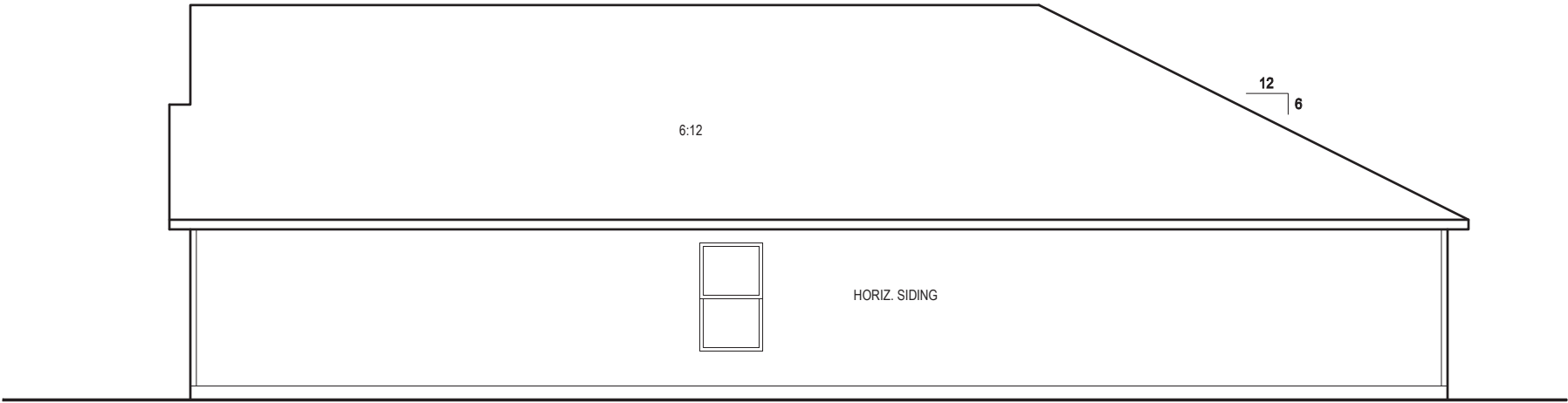
SHEET NO:

1.1-A1



LEFT SIDE ELEVATION 'A1'

1/8" = 1'-0" @ 11x17
1/4" = 1'-0" @ 22x34



RIGHT SIDE ELEVATION 'A1'

1/8" = 1'-0" @ 11x17
1/4" = 1'-0" @ 22x34



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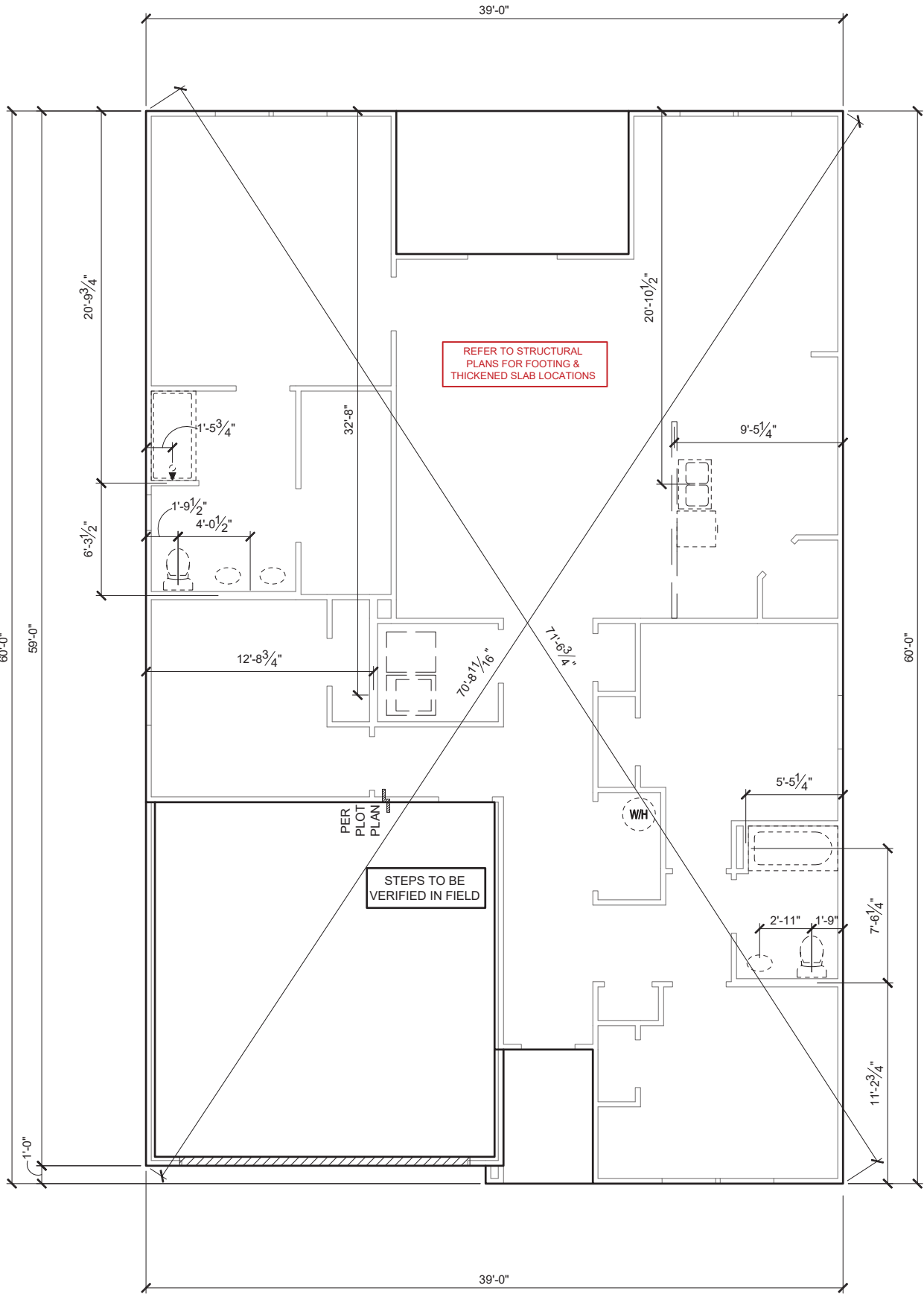
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MODEL: RADFORD		PLAN NUMBER: 33911776
DRAWING TITLE: EXTERIOR ELEVATIONS		RELEASE DATE: 02.22.2021
SHEET NO: 1.2-A1		

GENERAL SLAB FOUNDATION NOTES

- PLUMBING CONTRACTOR SHALL FIELD VERIFY ALL PLUMBING LOCATIONS.
- REFER TO EXTERIOR ELEVATIONS FOR BRICK/STONE LOCATIONS.
- GARAGE SLAB SHALL SLOPE TOWARD GARAGE DOOR OPENING.



SLAB PENETRATION PLAN 'A1'

1/8" = 1'-0" @ 11x17
1/4" = 1'-0" @ 22x34



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PLAN NUMBER: 33911776
RELEASE DATE: 02.22.2021

MODEL: RADFORD
DRAWING TITLE: SLAB PENETRATION PLAN

SHEET NO: 2.1-A

NOTES & LEGENDS

1. REFER TO ENGINEERING STRUCTURAL DRAWINGS (S-#) FOR BEARING WALL LOCATIONS AND FOR ALL BEAM & HEADER SIZES AND BEARING WALL LOCATIONS

2. ALL BEARING WALLS SHALL BE 16" O.C. WALL CONST. W/ DOUBLE TOP PLATE U.N.O.

3. ALL INTERIOR NON BEARING DOOR & WINDOW HEADERS SHALL BE (1) 2x4 OR (1) 2x6 W/VERTICAL CRIPPLERS @ 2'-0" O.C. TO MATCH WALL WIDTH UNLESS NOTED OTHERWISE.

4. (2) HOSE BIBS SHALL BE INSTALLED, LOCATION TO BE DETERMINED BY PLUMBING CONTRACTOR

OPTIONAL WINDOW

2X4 FRAME WALL

2X6 FRAME WALL

BALLOON FRAME WALL
(PER STRUCTURALS)

KEYNOTES

A1 GARAGE CEILING - 5/8" TYPE X DRYWALL, VERTICAL SURFACE WALLS - 1/2" DRYWALL

A2 22"x30" ATTIC ACCESS CONSTRUCTED WITH GYP. BD. (5/8" TYPE X AT GARAGE) WITH DOOR TRIM FRAME ACCESS SUPPORT

A3 PROVIDE 6" MIN. FLAT CLG AT ANGLED CLG CONDITION

A4 PULL DOWN STAIRS 25.5" x 54"

A5 TEMPERED SAFETY GLASS PER IRC R308.4

A6 HOUSE TO GARAGE DOOR SEPARATION. PROVIDE APPROVED 20 MINUTE RATED DOOR PER IRC 302.5.1

A7 A/C CONDENSER PAD. REFER TO SITE PLAN FOR FINAL LOCATION. VERIFY CONNECTION TO CONC. PAD W/ MANUF. SPECS

A8 1/2" TYPE X DRYWALL AT ACCESSIBLE AREAS UNDER STAIRS

A9 LOUVERED DOOR w/ GAS FURNACE

D1 DRYWALL SOFFIT - 12" DROP FROM CEILING LINE

D2 DRYWALL SOFFIT - 8" DROP FROM CEILING LINE

K1 39" KNEE WALL WITH CAP PER SPECS

K2 38" KNEE WALL WITH 1x CAP

K3 46" KNEE WALL WITH CAP PER SPECS

K4 34 1/2" KNEE WALL

K5 42" KNEE WALL WITH 1x CAP

K6 KNEE WALL WITH 1x CAP 42" ABOVE STAIR NOSING OR LANDING

P1 30" X 60" SHOWER ENCLOSURE PER SPECS

P2 30"x60" TUB PER SPECS

S1 BOX STAIR WITH 38" KNEE WALL & 1X CAP

S2 1X CAPPED STRINGER, TOP AT 3" ABOVE TREAD

area tabulation 'a'

GARAGE	403 SF
FRONT PORCH	38 SF
REAR PATIO	104 SF
FLOOR 1 LIVING	1,776 SF
TOTAL LIVING	1,776 SF

The first floor plan shows a house with overall dimensions of 39'-0" wide by 60'-0" deep. The layout includes a large garage (16' x 7' OHD) on the left, a front porch, and a rear patio. The main living area consists of a great room (8' clg) with a fireplace, a dining area (8' clg), and a kitchen with a pantry. There are three bedrooms (br 2, br 3, br 4) and two bathrooms (ba 2, o. ba). The plan also shows a linen closet, a closet, and a laundry area. Various doors and windows are indicated with their sizes and types. The plan is detailed with dimensions for walls, openings, and furniture placement.

FIRST FLOOR PLAN 'A'

1/8" = 1'-0" @ 11x17
1/4" = 1'-0" @ 22x34

10-01-2021

10-01-2021

10-01-2021

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RELEASE DATE:	02.22.2021

MODEL:

RADFORD

DRAWING TITLE:

FIRST FLOOR PLAN

SHEET NO:

3.1-A

ATTIC VENT CALCULATION

ATTIC VENTILATION TO COMPLY w/ F.B.C RESIDENTIAL CODE. THE REQUIRED NET FREE VENTILATING AREA OF NOT LESS THAN 1/150 OF THE SPACE VENTILATED. AREA MAY BE REDUCED TO 1/300 PROVIDED THAT 40 TO 50 PERCENT OF THE REQ'D VENTILATING AREA IS PROVIDED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3 FEET ABOVE EAVE OR CORNICE WITH THE BALANCE OF THE REQ'D VENTILATION PROVIDED BY THE EAVE OR CORNICE VENTS.

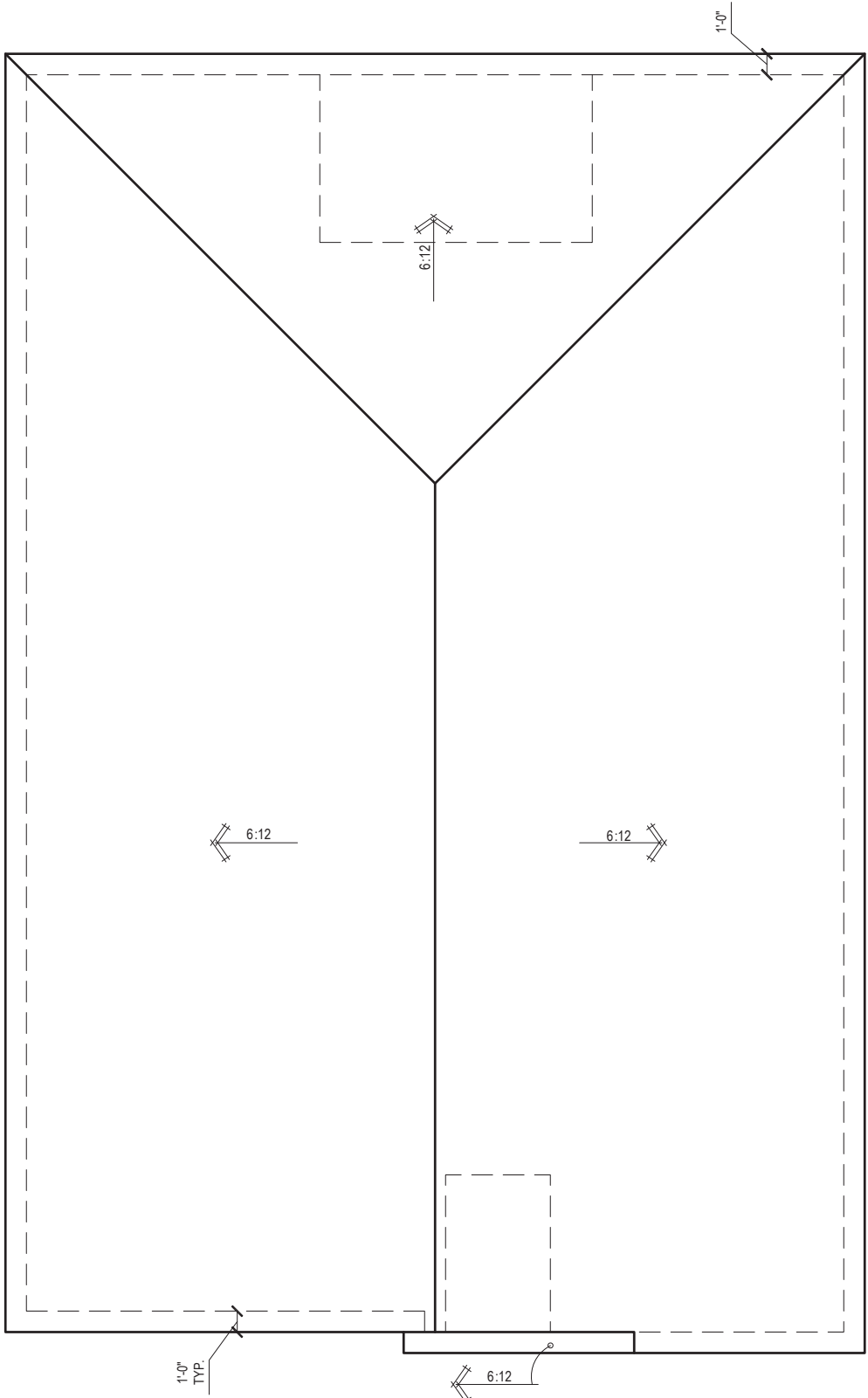
MANUFACTURE SELECTED TO VERIFY THE NET FREE VENTILATION OF THE VENT PRODUCT SELECTED AND TO MAINTAIN THE REQUIRED VENTILATION.

DO NOT LOCATE VENTS ON ROOF PLANE(S) FACING STREET.

ROOF VENTILATION CALCULATIONS				
ROOF AREA	2,523 SF			
TOTAL NET FREE AREA REQ'D (1 TO 300)	1211.0 SQ. IN.			
MAIN HOUSE INLET (SOFFIT) VENTILATION	100.0 LF x	6.4 SQ. IN / LINEAR FT =	640.0 SQ. IN.	
POD VENT(S) REQUIRED WITH BASE HOUSE	9	VENTS AT 70.0 SQ. IN EA. =	630.0 SQ. IN.	
LOWER VENTING PROVIDED (605.5 SQ. IN. REQ'D)	640.0 SQ. IN	50.4%		
UPPER VENTING PROVIDED (605.5 SQ. IN. REQ'D)	630.0 SQ. IN	49.6%		

NOTE: TYPICAL VENTILATION INCLUDES:

1. SOFFIT VENTS
(AREA: 6.4 SQ. IN PER FOOT - VERIFY WITH MANUFACTURE)
2. LOMANCO 770" ATTIC VENT LOCATED 12" MIN. FROM RIDGE
(AREA: 70 SQ. IN. - VERIFY W MANUFACTURE)
- * (1) LOMANCO 770D VENT AT 140 S.I. EA.CAN BE USED IN PLACE OF (2) 770 VENTS.



ROOF PLAN 'A'
1/8" = 1'-0" @ 11x17
1/4" = 1'-0" @ 22x34



10-01-2021

IF SIZE AND DIMENSIONS ARE NOT BUILT OR CAN NOT BE SHOWN, CONTACT THE CLERK FOR INFORMATION.

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PLAN NUMBER:	33911776	RELEASE DATE:	02.22.2021
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MODEL: **RADFORD**
DRAWING TITLE: **ROOF PLAN**

SHEET NO:

6.1-A

ELECTRICAL LEGEND

\$

SWITCH

\$3

3 WAY SWITCH

\$4

4 WAY SWITCH

○

H

WALL MOUNTED LIGHT

○

LED DOWNLIGHT

VP=VAPOR PROTECTED

■

DISCONNECT

○

CEILING FIXTURE OUTLET

B = BRACE FOR FUTURE FAN
H = HANGING
P = OPT. PENDANT

S

SMOKE DETECTOR

C

SMOKE/CARBON MONOXIDE ALARM

⊖

110v RECEPTACLE

⊖

110v SWITCHED RECEPTACLE

⊖

110v ABOVE COUNTER RECEPTACLE. GFI PROTECTED AT KITCHEN, BATH & LAUNDRY

⊖

110v DEDICATED RECEPTACLE FOR SECURITY/STRUCTURED WIRING PANEL

⊖

GFI OUTLET

⊖

220v RECEPTACLE

⊖

110v FLOOR RECEPTACLE

⊖

DISPOSAL

⊖

CHIME

⊖

BATH EXHAUST FAN

⊖

CEILING FAN PREWIRE WITH BRACING FOR FUTURE FAN

PW

•

PROVIDE ADDITIONAL EXTERIOR WEATHERPROOF RECEPTACLE WITHIN 15 FEET OF CONDENSING UNITS

•

INSTALL GFI AND ARC FAULT CIRCUIT INTERRUPTER PROTECTION PER NEC SECTIONS 210.52G

•

ALL GARAGE OUTLETS SHALL BE ON A DEDICATED CIRCUIT

•

IONIZATION SMOKE ALARMS WITH AN ALARM-SILENCING SWITCH SHALL NOT BE INSTALLED LESS THAN 10 FEET (3048 MM) HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE.

•

DWGS. ARE DIAGRAMMATICAL & INDICATE THE GENERAL ARRANGEMENT OF THE ELECTRICAL WORK. ANY DISCREPANCIES ON THE DOCUMENTS SHALL BE CALLED TO THE ARCHITECT'S ATTENTION PRIOR TO THE COMMENCEMENT OF WORK. DO NOT SCALE ELECTRICAL DRAWINGS.

KEYNOTES

E1 ELECTRICAL PANEL PER SPECS

E2 INSTALL GFI OUTLET UNDER SINK FOR FUTURE DISPOSAL

E3 DOOR CHIME TRANSFORMER LOCATION

E4 MECHANICAL ROOMS TO INCLUDE KEYLESS LIGHT, PLUG AND DISCONNECT FOR AIR HANDLER

E5 COACH LIGHT ONLY IF REQUIRED BY LOCAL MUNICIPALITY. INSTALL AT 68" AFF

E6 INSTALL COACH LIGHT AT 68" AFF

FIRST FLOOR ELECTRICAL PLAN 'A'

1/8" = 1'-0" @ 11x17

1/4" = 1'-0" @ 22x34

10-01-2021

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Lot 020
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PLAN NUMBER:
33911776

RELEASE DATE:
02.22.2021

MODEL:
RADFORD

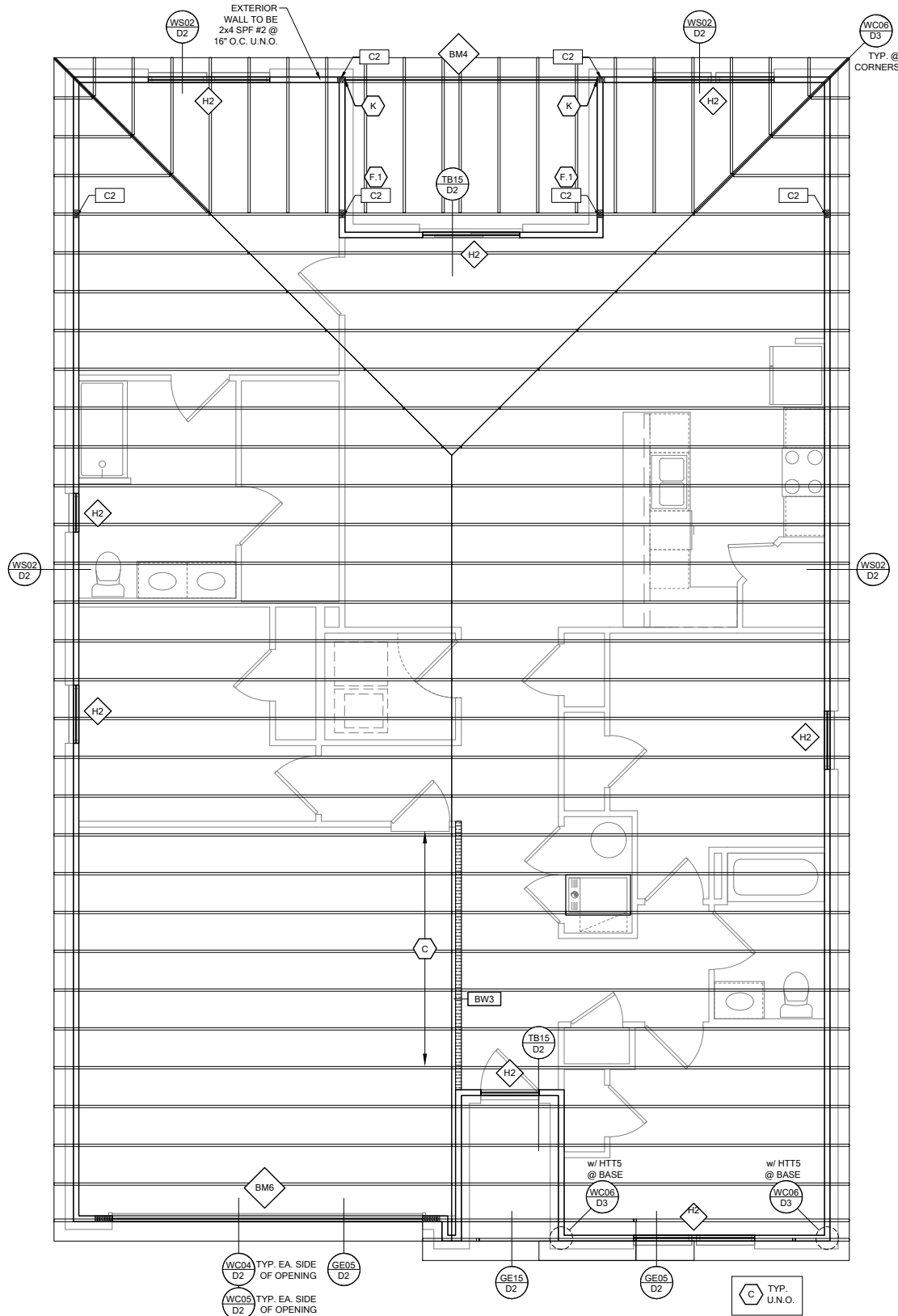
DRAWING TITLE:
FIRST FLOOR ELECTRICAL

SHEET NO:

E1.1

SCALE: 1/4" = 1'-0" @ 22x34
SCALE: 1/8" = 1'-0" @ 11x17

S1



ROOF FRAMING PLAN A

SCALE: 1/4" = 1'-0" @ 22x34

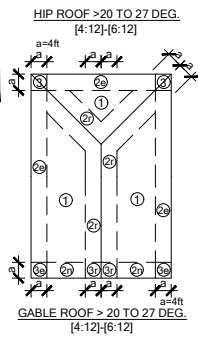
SCALE: 1/8" = 1'-0" @ 11x17

RSH	ENGINEERED ROOF PER ASCE 7-16 ROOF DESIGN ALLOWABLE COMPONENTS AND CLADDING WIND PRESSURES AND SUCTIONS FOR MEAN ROOF HEIGHT ≤ 25 ft									
WIND SPEED (ULTIMATE)	130 MPH									
WIND SPEED (ALLOWABLE)	100.7 MPH									
EXPOSURE CATEGORY	C									
EFFECTIVE WIND AREA (SQ FEET)	WIND PRESSURE AND SUCTION (PSF)									
	(+) VALUE DENOTES PRESSURE (-) VALUE DENOTES SUCTION									
AREA	ROOF	1	2e	2n	2r	3				
						3e 3r				
10	HIP	-33.0	-45.50		-45.50	-45.50				
	GABLE	-35.0	-35.0	-55.90	-55.90	-65.20				
ROOF NAILING SCHEDULE/ NAILING ZONES (SHINGLE AND TILE):										
ZONE 1: ASTM F1667 RSRs-01 (8d) NAILS @ 6" O.C. ON EDGE AND 6" O.C. IN FIELD										
ZONE 2e, 2n, 2r: ASTM F1667 RSRs-01 (8d) NAILS @ 4" O.C. ON EDGE AND 4" O.C. IN FIELD										
ZONE 3, 3e, 3r: ASTM F1667 RSRs-01 (8d) NAILS @ 4" O.C. ON EDGE AND 4" O.C. IN FIELD										
ROOF SHEATHING:										
SHINGLE: 3/8" EXP. 1 (2 3/8") or 1 1/2" EXP. 1 (2 3/8")										
TILE: 1 1/2" EXP. 1 (2 3/8")										
NOTE:										
1. PER CODE ASTM F1667 RSRs-01 REFERENCE TO 8d (2 3/8" x 0.113") NAILS										
2. WHERE THE SHEATHING THICKNESS IS GREATER THAN 3/8", SHEATHING SHALL BE FASTENED WITH ASTM F1667 RSRs-03 10d (2 1/2" x 0.131") NAILS OR ASTM F1667 RSRs-04 (3" x .120") NAILS										
3. GABLES- DROP GABLE END & (1) ADDITIONAL DROPPED TRUSS 2x4 #2 SYP OUTLOOKER RAFTER W/ BLOCKING @ 16" O.C. IF NO DROPPED GABLE END, ATTACH 2x4 #2 SYP BLOCKING @ 16" O.C. FIRST 4 BAYS WITH (2) 12d NAILS EA. END. ATTACH ROOF SHEATHING TO RAFTERS W/ BLOCKING PER NAILING SCHEDULE.										

HIP ROOF >20 TO 27 DEG.
[4-12]-[6-12]

a=ft
b=ft

GABLE ROOF > 20 TO 27 DEG.
[4-12]-[6-12]



SYMBOL	DESIGN DESCRIPTION
BW# 2x [Symbol]	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN. SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
C# [Symbol]	INDICATES BUILT UP COLUMN, SEE FRAMING PLAN FOR SIZE, DETAIL WF37/SN FOR PLY ATTACHMENT AND UPLIFT CONNECTION SCHEDULE ON SN FOR CONNECTION TO SLAB
C#* [Symbol]	INDICATES NO BOTTOM CONNECTOR REQUIRED
# [Symbol]	INDICATES UPLIFT CONNECTION CONSTRUCTED PER DETAIL UPLIFT CONNECTOR SCHEDULE ON SHEET SN

- FRAMING NOTES:
- SEE WIND SPEED CHART ON S0 FOR WINDOW PRESSURES
 - AT SECOND FLOOR FOR TYPICAL CORNER FRAMING SEE DETAIL FB06/D4
- GENERAL NOTES:
- THE FRAMING PLAN SHOWN INDICATES THE "TRUSS SYSTEM" AND IS THE RESPONSIBILITY OF THE TRUSS SYSTEM ENGINEER (DESIGN PROFESSIONAL OF RECORD). THE TRUSS DESIGN ENGINEER (DELEGATED ENGINEER) HAS FINAL, RESONSBILITY FOR EACH INDIVIDUAL TRUSS AND TRUSS PROFILE, AND IS TO SUBMIT A FINAL SET OF TRUSS ENGINEERING SIGNED AND SEALED TRUSS DRAWINGS TO DESIGN PROFESSIONAL OF RECORD FOR REVIEW PRIOR TO FABRICATION
 - ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES WITH IN THIS PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO CONSTRUCTION.
 - SEE SHEET SN FOR DESIGN SCHEDULES AND NOTES: FOUNDATION SCHEDULE / COLUMN SCHEDULE / BEARING WALL SCHEDULE / BEAM SCHEDULE / HEADER SCHEDULE / CONNECTION SCHEDULE / FLOOR AND ROOF NOTES.

PLAN KEY NOTES

BUILDER NOTE:

IF THE TRUSS LAYOUT SHOWN DOES NOT MATCH THE TRUSS MANUFACTURERS LAYOUT

-----STOP-----

AND CALL THE ENGINEER OF RECORD PRIOR TO PLACEMENT OF ANY TRUSSES.

WALL TYPE	
SYMBOL	DESIGN DESCRIPTION
[Symbol]	2x INTERIOR BEARING SHEARWALL - SEE BEARING WALL SCHEDULE ON SHEET SN FOR REQUIREMENTS.
[Symbol]	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN
[Symbol]	2x WOOD FRAME EXTERIOR WALL



DATE: October 4, 2021

DESIGNED BY: [Name]

DRAWN BY: [Name]

CHECKED BY: [Name]

APPROVED BY: [Name]



LOT 20

RESERVE AT JEWEL LAKE

33-S3-16-02439-202

LAKE CITY, FL 32024

PLAN NUMBER: 33911776

RELEASE DATE: 02.22.2021

MODEL: RADFORD

DRAWING TITLE: ROOF FRAMING PLAN

SHEET NO: S2

FOUNDATION SCHEDULE				
MARK	SIZE	DEPTH	REINFORCING	
F1.5	1'-6" x 1'-6"	1'-0"	(2) #5 E.W. BOT.	
F2.0	2'-0" x 2'-0"	1'-0"	(2) #5 E.W. BOT.	
F2.5	2'-6" x 2'-6"	1'-0"	(2) #5 E.W. BOT.	
F3.0	3'-0" x 3'-0"	1'-0"	(4) #5 E.W. BOT.	
F3.5	3'-6" x 3'-6"	1'-0"	(4) #5 E.W. BOT.	
F4.0	4'-0" x 4'-0"	1'-0"	(5) #5 E.W. BOT.	
F4.5	4'-6" x 4'-6"	1'-4"	(5) #5 E.W. BOT.	
F5.0	5'-0" x 5'-0"	1'-4"	(6) #5 E.W. BOT.	
F6.0	6'-0" x 6'-0"	1'-5"	(8) #5 E.W. BOT.	

FOUNDATION DEPTH NOTE:
 • INTERIOR PAD DEPTHS AS LISTED IN THE SCHEDULE ARE THE TOTAL DEPTH AND MEASURED FROM THE TOP OF THE SLAB.
 • EXTERIOR PAD DEPTHS AS LISTED IN THE SCHEDULE ARE TOTAL DEPTH WITH THE BOTTOM OF THE FOOTING TO MATCH THE BOTTOM OF THE CONTINUOUS MONOLITHIC POUR WHICH RUNS THROUGH IT.

GENERAL FOUNDATION NOTES:
 1. PROVIDE MIN. 6 MIL APPROVED VAPOR BARRIER. ALL JOINTS TO BE LAPPED MIN. 6" AND SEALED.
 2. 4" 2500 PSI CONC. SLAB WITH W1.4W1.4 OVER 6 MIL VISOQUEEN VAPOR BARRIER & TREATED FOR TERMITES.
 3. GC/BUILDER: SEE ARCH PLANS FOR ROUGH OPENING LOCATIONS AND ADDITIONAL INFORMATION REQ'D FOR DOOR/WINDOW INSTALLATION ALONG W/ DIMENSIONS NOT SHOWN ON FOUNDATION CONSULT W/ MANUFACTURER SPECIFICATIONS PRIOR TO POURING OR RECESSING DOOR SILLS OR SLIDING GLASS DOOR SILLS.
 4. NO WOOD STAKES PERMITTED IN FOUNDATION.
 5. PENDING SITE CONDITIONS, FOUNDATION MAY HAVE TO BE STEPPED DOWN. SEE FPM101 FOR ADDITIONAL INFORMATION. G.C. TO DETERMINE STEP LOCATIONS, IF REQUIRED.
 7. STEEL BENDS AND LAP SPLICE SEE FPM101 AND FPM101.
 8. ALL EQUIPMENT AND/OR APPLIANCES HAVING AN IGNITION SOURCE SHALL BE ELEVATED A MIN OF 18" CONTRACTOR TO PROVIDE SUCH PLATFORM W/ EITHER MASONRY OR WOOD CONSTRUCTION.
 9. ASSUMED ALLOWABLE SOIL BEARING PRESSURE AFTER COMPACTION: 2000 PSF (SEE SOILS REPORT AND SPECIFICATIONS FOR COMPACTION REQUIREMENTS). IF SOIL CONDITIONS ON THE PROJECT DO NOT MEET OR EXCEED THE CAPACITY, THE GENERAL CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO FOUNDATION POUR FOR VERIFICATION OF FOUNDATION DESIGN. SOIL TO BE FREE OF ORGANIC MATERIAL AND COHESIVE SOILS, COMPACTED IN 12" LIFTS TO AT LEAST 96% OF MAX. DRY DENSITY AS DETERMINED BY ASTM D 1557 (MODIFIED PROCTOR).
 10. R.403.1.4 MINIMUM DEPTH: EXTERIOR FOOTINGS SHALL BE PLACED NOT LESS THAN 12 INCHES (305mm) BELOW THE FINISHED GRADE OF GROUND SURFACE.

COLUMN SCHEDULE				
MARK	COLUMN SIZE	FIRST FLOOR BASE CONNECTIONS, SEE PLAN FOR SECOND FLOOR CONNECTIONS	UPLIFT (lb)	
C1	(3) 2x #2 SPF	(4)12d TOENAILS	NO UPLIFT	
C2	(3) 2x #2 SPF	DTT22 w/ 1/2" ATR & (8) 1/4" X 1 1/2" SDS SCREWS	1835	
C3	(3) 2x #1 SYP	(4)12d TOENAILS	NO UPLIFT	
C4	(3) 2x #1 SYP	DTT22 w/ 1/2" ATR & (8) 1/4" X 1 1/2" SDS SCREWS	1835	
C5	4x4 P.T.#2 SYP POST	ABU44 w/ 1/2" ATR & (12)16d NAILS FIRST/SECOND FLOOR CONN.	G = 6665 U = 1782	
C6	6x6 P.T.#2 SYP POST	ABU66 w/ 1/2" ATR & (12)16d NAILS FIRST/SECOND FLOOR CONN.	G = 12000 U = 2070	
C7	8x8 P.T.#2 SYP POST	ABU88 w/(2)5/8" ATR & (18)16d FIRST/SECOND FLOOR CONN.	G = 24335 U = 2088	
C8	3.5" x 3.5" P.L. 1.8E Fb=2400 PSI (WOLMANIZED IF EXT.)	HDU5-SDS2.5 w/ 1/2" ATR AND (14) 1/2"x2 1/2" SDS WOOD SCREWS	5080	
C9	3.5" x 5.25" P.L. 1.8E Fb=2400 PSI (WOLMANIZED IF EXT.)	HDU5-SDS2.5 w/ 1/2" ATR AND (14) 1/2"x2 1/2" SDS WOOD SCREWS	5080	
C10	3.5" x 7" P.L. 1.8E Fb=2400 PSI (WOLMANIZED IF EXT.)	HDU8-SDS2.5 w/ 1/2" ATR AND (20) 1/2"x2 1/2" SDS WOOD SCREWS	6372	
C11	5.25" x 5.25" P.L. 1.8E Fb=2400 PSI (WOLMANIZED IF EXT.)	HDU8-SDS2.5 w/ 1/2" ATR AND (20) 1/2"x2 1/2" SDS WOOD SCREWS	7082	
C12	5.25" x 5.25" P.L. 1.8E Fb=2400 PSI (WOLMANIZED IF EXT.)	HDU8-SDS2.5 w/ 1/2" ATR AND (20) 1/2"x2 1/2" SDS WOOD SCREWS	7082	
C13	5.25" x 7" P.L. 1.8E Fb=2400 PSI (WOLMANIZED IF EXT.)	HDU8-SDS2.5 w/ 1/2" ATR AND (20) 1/2"x2 1/2" SDS WOOD SCREWS	7082	

GENERAL COLUMN NOTES:
 1. ALL STRUCTURAL LUMBER TO BE SYP#2 OR SPF#2 UNO ON PLAN.
 2. MINIMUM BOLT EMBEDMENT: 5" EMBEDMENT FOR 1/2" ATR. 6" EMBEDMENT FOR 5/8" ATR. 8" EMBEDMENT FOR 7/8" ATR.
 3. P.L. COL. TO BRG DIRECTLY ON FOUNDATION. CUT BASE PLATE AS REQ'D. G.C. TO PROVIDE MOISTURE BARRIER.
 4. IF COL. IS CALLED OUT ON 2ND FLOOR, THE BASE CONNECTION IS NOT REQ'D. SEE PLANS FOR BASE CONNECTION.
 5. VALUES HAVE BEEN REDUCED FOR NARROW FACE APPLICATION. CONNECTIONS SHALL BE INSTALLED ON NARROW OR WIDE FACE PER SIMPSON TC-SCLCLM

2x4 STUDS, PER PLAN

2x TOP PLATE WITH 2-ROWS OF 12d @ 3" O.C., TYPICAL

TOP SPLICE

2x4 BEYOND AGAINST 2x8 STUD

AT ALL EXTERIOR CONDITIONS ATTACH 2x STUDS TO TOP PLATE w/ 4-16d NAILS (2 ON EA SIDE)

2x8 STUDS, PER PLAN (SIM w/2x6 STUDS)

DOUBLE 2x8 TOP PLATE

PROVIDE 2x4 ON TOP OF 2x8 TO BLOCK OUT TOP PLATE ATTACH w/ 2-ROWS OF 12d @ 3" O.C. (SOLID BLOCK w/ 2x6)

PIPE OR DUCT w/ PENETRATION THRU TOP PLATE w/ MORE THAN 50% OF TOP PLATE WIDTH INSTALL SIMPSON P5PN516Z w/12-16d NAILS TOP AND BOTTOM

AT ALL EXTERIOR CONDITIONS ATTACH 2x STUDS TO TOP PLATE w/ (4) 16d NAILS (2 ON EA. SIDE) TYP

NOTE: BOTTOM SPLICE OVER STUD

WF17 TOP PLATE SPLICE

SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

2x2x4 LAMINATIONS w/ 1-ROW OF STAGGERED 10d COMMON WIRE NAILS (D = 0.148", L = 3") OR EQUAL

3x2x LAMINATIONS w/ 2-ROWS OF STAGGERED 16d COMMON WIRE NAILS (ONE INTO EACH OUTSIDE FACE) (D = 0.162", L = 3-1/2") OR EQUAL

4x2x LAMINATION PROVIDE 1/2"x5/8" LAG SCREWS AT SAME SPACING AS ABOVE

NOTES:
 1. ADJACENT NAILS ARE DRIVEN FROM OPPOSITE SIDES OF THE COLUMN.
 2. ALL NAILS PENETRATE AT LEAST 3/4" OF THE THICKNESS OF THE LAST LAMINATION.
 3. REFER TO NDS SECTION 15.3 FOR ADDITIONAL INFO.

WF37 MULTI-PLY FASTENING

SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

WOOD BEARING WALL SCHEDULE					
MARK	STUD SPACING	CONNECTION & FASTENERS	LUMBER SPECIES	UPLIFT CAP. [#ft]	
BW1	16"	(2)16d TOENAILS OR (2) 12d END OR BOX NAILS	#2 SPF	NO UPLIFT	
BW2	16"	SP2 w/ (6)10d NAILS	#2 SPF	402	
BW3	16"	(2) SP2 w/ (6)10d NAILS	#2 SPF	804	
BW4	16"	(2)16d TOENAILS	#2 SYP	NO UPLIFT	
BW5	16"	SP2 w/ (6)10d NAILS	#2 SYP	439	
BW6	16"	(2) SP2 w/ (6)10d NAILS	#2 SYP	878	
BW7	12"	(2)16d TOENAILS	#2 SPF	NO UPLIFT	
BW8	12"	SP2 w/ (6)10d NAILS	#2 SPF	535	
BW9	12"	(2) SP2 w/ (6)10d NAILS	#2 SPF	1070	
BW10	12"	(2)16d TOENAILS	#2 SYP	NO UPLIFT	
BW11	12"	SP2 w/ (6)10d NAILS	#2 SYP	585	
BW12	12"	(2) SP2 w/ (6)10d NAILS	#2 SYP	1170	

CROSS REFERENCE CHART

SIMPSON SP1 / USP SPT22

SIMPSON SP2 / USP SPT24

(2) 2x HEADER (U.N.O.) SEE FLOOR PLAN FOR MIN. SIZE. SEE HD/SN FOR CONNECTION INFO. IF STUD IS WITHIN A WALL w/ NO UPLIFT AS INDICATED IN THE WOOD BEARING WALL SCHEDULE, THE CONNECTORS INDICATED IN WF09 & HD CAN BE IGNORED.

2x TOP PLATE SEE, WF17/SN FOR ADDITIONAL INFO

2x MID-SPAN BLOCKING w/ (2) 12d TOENAIL @ EA END ONLY FOR WALLS TALLER THAN 8'-0"

CONNECTOR TOP AND BOTTOM PER WOOD BEARING WALL SCHEDULE

ANCHOR BOLT(S): 1/2" A.B. OR A.T.R. w/ SIMPSON SET @ 32" O.C. w/ EMBEDMENT OF 7" MIN. OR 1/2" TITEN HIT w/ 4 1/2" MIN. EMBEDMENT (IF AT STEP, 7" MIN PAST LOWER SLAB.) ONLY IF INDICATED WOOD BEARING WALL OR SHEAR WALL. SEE PLAN FOR BEARING WALL / SHEAR WALL LOCATION

BWD BEARING WALL DETAIL

SCALE: NONE

2x STUDS w/ NO UPLIFT. SEE CHART ABOVE FOR O.C. SPACING AND PLAN FOR LOCATION AND WALL SIZE. ATTACH STUDS 16x8 w/ 2-GUN NAILS

SEE FOUNDATION FOR FOOTING TYPE & SIZE

SIMPSON SP4H TOP & BOTTOM

GENERAL BEARING WALL NOTES:
 1. ALL STRUCTURAL LUMBER DESIGNATED AS SYP SHALL BE SYP #2 AND ALL STRUCTURAL LUMBER DESIGNATED AS SPF SHALL BE SPF #2 U.N.O.
 2. SEE FLOOR PLAN FOR WALL SIZE. ASSUME 2x4 STUDS USED UNO.
 3. CONNECTIONS TO BE INSTALLED TO EACH STUD AS INDICATED
 4. CONTACT E.O.R. IF SP4's, SP6's OR SP8's CONNECTORS ARE SUBSTITUTED, TO VERIFY THEY MEET THE STRUCTURAL REQUIREMENTS.
 5. IF "BW" IS INDICATED ON SECOND FLOOR BASE CONNECTION TO BE IGNORED. SEE WF06 AND FB06 OR INDICATED DETAIL FOR PROPER CONNECTIONS FOR 2ND FLOOR TO FIRST FLOOR CONNECTIONS. (NOTE: THIS IS FOR 2 STORY PROJECTS ONLY)
 6. IF "SW" IS INDICATED ON PLAN THE WALL IS CONSIDERED A SHEAR WALL AND REQUIRES MIN. 7/16" OSB / PLYWOOD w/8d NAILS @ 4" O.C. IN FIELD AND EDGE TO ONE SIDE OF WALL. U.N.O. ON PLANS.
 7. ALL 2x EXTERIOR WALLS w/ SHEATHING ATTACHED PER NAILING SCHEDULE TB13/SN ACTS AS SHEAR WALLS. SEE PLAN AND WALL SECTIONS FOR STUD SPACING AND GRADE.
 8. ALL TOP PLATES AND SILL PLATES SHALL BE THE SAME SPECIES AS THE WOOD STUDS.
 9. IF THE BEARING WALL IS INDICATED WITH THE BW1, BW4, BW7, BW10, THESE WALLS ARE ONLY SUPPORTING THE FLOOR LOAD AND DO NOT HAVE UPLIFT. THE STUDS ARE TOE NAILED TO THE 2x PLATE CAN BE ATTACHED WITH HARD CASED NAILS (GUN NAILS) AND WILL NOT REQUIRE THE ANCHOR BOLT ATTACHMENT INDICATED IN THE BEARING WALL SCHEDULE.

2x4 SPF#2 w/ 2-12d NAILS @ 24" O.C. @ PARALLEL TRUSS CONDITION

ROOF TRUSS

1/2" MIN. SPACE

2x STUDS @ 24" O.C. MAX

2x PT BOTTOM PLATE

WF18 NON-BRG INTERIOR WALL

SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

3-16d COMMON NAILS, TYP

2x8 w/ 2-16d TOE NAILS EA. END

1/4" OSB w/6d NAILS @ 16" O.C. TO SIDE AND TOP NAILER

2x w/ 2-16d TOE NAILS EA. END

2x4 SPF CNT. BLOCKING ATTACHED TO 1/4" OSB w/ 2-8d NAIL

7'-0" MAX OPENING

WF02 WOOD FRAMED ARCH

SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

HEADER SCHEDULE			HEADER NOTES	
MARK	HEADER SIZE			
H1	(2) 2x6 #2 SYP w/ 7/16" FLITCH PLATE		1. VERIFY W/ PLAN CORRECT LENGTH OF HEADER REQUIRED. IF HEADER IS ON THE 1ST FLOOR SEE PLAN FOR BEARING WALL TYPE AND FOLLOW INSTRUCTIONS WITHIN BEARING WALL SCHEDULE FOR REQUIRED CORRECTIONS U.N.O. ON PLAN.	
H2	(2) 2x10 #2 SYP w/ 7/16" FLITCH PLATE		3. IF HEADER IS ON THE 2ND FLOOR SEE PLAN FOR INDICATED HEADER CONNECTION FOR REQUIRED CONNECTIONS.	
H3	(2) 2x12 #2 SYP w/ 7/16" FLITCH PLATE		4. ALL HEADER JACK AND KING STUDS SHALL BE FASTENED TO EACH PER DETAIL WF37/SN	
H4	(2) 1 3/4" x 1 1/4" LVL 2.0E Fb=2600		5. FASTEN ALL MULTI-PLY HEADERS TOGETHER w/ (2) ROWS 12d COMMON NAILS AT 12" O.C. OR (3) ROWS IF 2x10 OR LARGER TYP. EACH SIDE OR (2) ROWS 1/4" x 3 1/2" SDS WOOD SCREWS @ 16" O.C. TYP. EACH SIDE.	
H5	(2) 1 3/4" x 1 1/4" LVL 2.0E Fb=2600		6. FASTEN ALL HEADERS TO KING STUDS w/ (3) 10d TOENAILS PER SIDE.	
H6	(2) 1 3/4" x 1 1/4" LVL 2.0E Fb=2600		7. IF HEADER IS NOT SPECIFIED CONTACT E.O.R.	

HEADER SUPPORT - NUMBER OF JACKS & STUDS REQUIRED AT OPENINGS					
OPENING SIZE	2x4 WALL		2x6 OR 2x8 WALL		
	JACKS EA END	KINGS EA END	JACKS EA END	KINGS EA END	
1'-0" - 3'-11"	(1)	(2)	(1)	(2)	
4'-0" - 8'-11"	(2)	(3)	(2)	(4)	
10'-0" - 16'-0"	(3)	(4)	(3)	(6)	

2x CRIPPLE STUDS @ 16" O.C. w/ (1) SIMPSON SP2 CONNECTOR @ TOP AND BOTTOM. *PROVIDE (3) 2x CRIPPLE STUDS BELOW ANY GIRDER TRUSS BEARING OVER HEADER. CONNECT G.T. TO STUD w/ (2) SIMPSON HTS20 STRAPS AND CONNECT BOTTOM OF STUD TO HEADER w/ (2) SIMPSON HTS20 STRAPS. U.N.O. (IF STUD IS LESS THAN 10" TALL THEN USE SIMPSON CS18 INSTALLED FROM BOTTOM OF HEADER, UP STUD, OVER TOP PLATE & BACK DOWN OTHER SIDE OF WALL TO BOTTOM OF HEADER- FASTEN STRAP w/ (2) 10d NAILS @ 3" O.C.)

(2) 2x TOP PLATE

SIMPSON LSTA30 EA. END OF HEADER (CENTER AT BOTTOM OF HEADER)

WINDOW OPENING (SEE ARCH)

DOOR OPENING (SEE ARCH)

SIMPSON SP4 w/ (6) 10d NAILS @ 24" O.C. (SP6 FOR 2"x6", SP8 FOR 2"x8")

**CONNECT GIRDER TRUSS DIRECTLY TO HEADER w/ (2) SIMPSON HTS20, U.N.O.

HEADER (SEE HEADER AND BEAM SCHEDULE FOR FASTENING REQUIREMENTS & SEE PLANS FOR SIZE)

KING STUD(S) (SEE CHART ABOVE FOR INFO)

JACK STUD(S) (SEE CHART ABOVE FOR INFO)

HTT4 w/ (18) 16d x 2 1/2" NAILS & 5/8" A.T.R. EPOXIED w/ 6" MIN. EMBEDMENT (MIN.) BASE CONNECTION AT EACH SIDE U.N.O. ON PLANS (IF AT STEP, 6" MIN. EMBEDMENT PAST LOWER SLAB)

NOTES:
 1. OPENINGS GREATER THAN 4'-0" PROVIDE (2) 2x SILL PLATE w/ A35 CLIPS EACH SIDE.
 2. NO TOP PLATE SPLICES SHALL OCCUR OVER OR WITHIN 2 FEET OF HEADER.
 3. HOLD DOWN CONNECTIONS NOT REQUIRED AT BEARING WALLS WITHOUT UPLIFT.

CROSS REFERENCE CHART
 SIMPSON LSTA30 / USP LST30
 SIMPSON SP4 / USP SPT4
 SIMPSON SP6 / USP SPT6
 SIMPSON SP8 / USP SPT8
 SIMPSON HTS20 / USP HTW20
 SIMPSON SP2 / USP SPT24
 SIMPSON A35 / USP MPA1
 SIMPSON HT4 / USP HTT45

HD TYPICAL FRAMING CONNECTIONS AT OPENINGS

SCALE: NONE

BEAM SCHEDULE

FASTENING SCHEDULE

(2) ROWS OF 12d @ 12" O.C. TYP. EACH SIDE

(2) 2x8 SYP #2 w/ 7/16" OSB FLITCH PLATE

(2) 2x10 SYP #2 w/ 7/16" OSB FLITCH PLATE

(2) 2x12 SYP #2 w/ 7/16" OSB FLITCH PLATE

(2) 1 3/4"x11 1/4" LVL 2.0E Fb=2600

(2) 1 3/4"x11 7/8" LVL 2.0E Fb=2600

(2) 1 3/4"x16" LVL 2.0E Fb=2600

(3) 2x10 SYP #2 w/ (2) 7/16" OSB FLITCH PLATES

(3) 1 3/4"x9 1/4" LVL 2.0E Fb=2600

GENERAL BEAM NOTES:
 1. VERIFY WITH PLAN CORRECT LENGTH OF BEAMS REQUIRED (MIN 4" BEARING EACH END)
 2. SEE PLAN FOR TOP OR BOTTOM OF BEAM INDICATIONS
 3. BEAMS ARE NOT TO BE DRILLED OR NOTCHED IN ANY WAY WITHOUT WRITTEN APPROVAL FROM THE E.O.R.

WF09 WALL HEADER DETAIL

SCALE: N.T.S.

SIMPSON - CONNECTOR SCHEDULE				
MARK	TYPE	CONNECTOR & FASTENERS	SPF	SYP
B	FRAME TO FRAME	H2.5a w/ (10)8d NAILS	535	565
C	FRAME TO FRAME	H10a w/(18)10d x 1 1/2" AT 2 PLY TRUSSES	1015	1040
D	FRAME TO FRAME	MTS12 w/(14)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (3) 12d TOENAILS)	850	990
E	FRAME TO FRAME	HTS20 w/(24)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (3)12d TOENAILS)	1125	1310
F	FRAME TO FRAME	HTS20 w/(48)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (6)12d TOENAILS)	2250	2620
G	FRAME TO MASONRY / FRAME	(2) LGT2 w/ (32) 16d SINKERS & (14) 1/4" x 2 1/4" TITEN (2 PLY TRUSS) OR (28) 16d SINKERS FOR FRAME (EA)	3500-M 3240-F	4060-M 3770-F
H	FRAME TO MASONRY / FRAME	(2) LGT3 w/ (24) 1/4" x 3" SDS SCREWS & (8) 3/8" x 5" TITEN (2 PLY TRUSS) OR (52) 16d SINKERS FOR FRAME (EA)	4730-M 5010-F	6570-M 6960-F
I	BEAM TO BEAM	HU410 OPT HUC410 w/ (18) 16d & (10) 10d NAILS	GP2680	U#1895
J	BEAM TO MASONRY / FRAME	HU46 OPT HUC46 w/ (6) 10d NAILS & (12) 1/4" x 2 3/4" TITEN (TO MAS.) OR (12) 16d & (6) 10d (FOR FRAME)	GH1785	G#3000
K	FRAME TO FRAME	H105 w/ (24) 10d x 1 1/2" NAILS	U#1135 SYP-F	U#1135 SYP-M
L	FRAME TO FRAME	VGT w/ (16) 1/4"x3" SDS WOOD SCREWS & (10) 1/4"x2 1/2" SDS WOOD SCREWS & (1) 5/8" A.T.R.	3285	4565
M	FRAME TO FRAME	(2) HTTS w/ (52) 16d x2 1/2" NAILS & (2) 5/8" A.T.R. (SEE NOTE #4)	8750	10180

GENERAL CONNECTOR NOTES:
 1. CONNECT ALL FLOOR TRUSSES TO INTERIOR BEARING WOOD WALLS / BEAMS w/ (2) 12d TOENAILS.
 2. ALL TRUSS TO TRUSS CONNECTIONS ARE PROVIDED BY TRUSS MANUFACTURER. U.N.O. ON PLAN.
 3. G.C. MAY USE EITHER SIMPSON OR USP CONNECTIONS. SEE FRAMING PLAN FOR CONNECTOR CALL OUT.
 4. FOR SINGLE PLY TRUSSES, SCAB ON FULL HEIGHT SYP #1 2"x4" TO TRUSS VERTICAL WEB w/ (2) ROWS OF 10d NAILS @ 3" O.C. STAGGERED.
 5. MINIMUM A.T.R. EMBEDMENT: 5" EMBEDMENT FOR 1/2" A.T.R. 6" EMBEDMENT FOR 5/8" A.T.R. 8" EMBEDMENT FOR 7/8" A.T.R. (IF AT STEP, DEPTH IS FROM LOWER SLAB).

(A) MINIMAL CONNECTOR UNO ON FRAMING PLAN

1. CONNECTION FOR ALL ROOF / FLOOR TRUSSES TO MASONRY WALLS/ LINTELS/ ICF WALLS UNO ON PLAN
 2. CONNECTION AT 24" OR 32" O.C. PENDING VERTICALS FOR ALL FLOOR TRUSSES PARALLEL TO MASONRY WALLS SEE DETAIL FB12/D3 FOR MORE INFORMATION
 3. CONNECTION FOR ALL HIP JACK (CORNER JACK) TO MASONRY WALLS/ICF WALLS/LINTELS
 4. CONNECTION FOR ALL CONTINUOUS RIM BOARD TO TOP OF MASONRY AT 32" O.C. MAX. w/ (2) AT EACH CORNER. G.C. TO VERIFY LOCATION DOES NOT CONFLICT w/ TJI (IF APPLICABLE) LAYOUT
 5. CONNECT ALL FLOOR TRUSSES TO INTERIOR BEARING WOOD WALL/BEAMS w/ (2) 12d TOENAILS

(B) MINIMAL CONNECTOR UNO ON FRAMING PLAN

1. CONNECTION FOR JACK TRUSS TO WOOD WALL OR BEAM

(C) MINIMAL CONNECTOR UNO ON FRAMING PLAN

1. CONNECTION FOR ALL TRUSSES TO INTERIOR/EXTERIOR BEARING WOOD WALLS AND/OR BEAMS

SEE SCHEDULE

(3)-ROWS @ 131x3.25 NAILS STAGGERED @ 12" O.C. EACH FACE

DOUBLE 2x #2 S.Y.P. HEADER w/ 1/2" FLITCH PLATE HEADER. (U.N.O.)

0.131x3.25 NAILS @ 6" O.C. TYP.

DOUBLE 2x4 CRIPPLE STUD TYPICAL (U.N.O.)

2 x 4 STUDS TYP.

P.T. BOT. PLATE

TB13 WALL SHEATHING INSTALL & NAILING SCHEDULE

SCALE: N.T.S.

WF09 WALL HEADER DETAIL

SCALE: N.T.S.

15/32" OSB EXPOSURE 1 SHEATHING

SOLID 2x BLOCKING @ ALL SHEATHING EDGES (SEE SECTION X-X)

2x STUDS BEYOND. SEE PLAN

2x4 P.T. BASE PLATE BEYOND SEE PLAN

15/32" OSB EXPOSURE 1 SHEATHING

PROVIDE BLOCKING AS REQUIRED PER SECTION X-X IF NOT FULL HEIGHT SHEET

2x RIBBON OR BLOCKING BETWEEN FLOOR SYSTEM

VERTICAL WALL ELEVATION DIAGRAM

DOUBLE NAIL EDGE SPACING

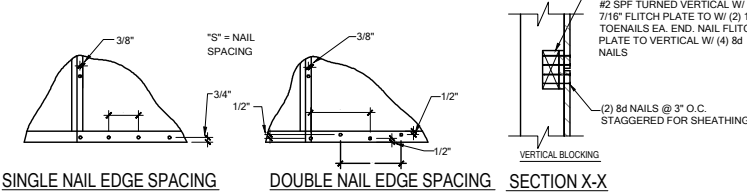
SECTION X-X

AT ALL PANEL BLOCKING LOCATIONS SHALL BE MIN 2 X 4 #2 SPF TURNED VERTICAL w/ 7/16" FLITCH PLATE TO W/ (2) 12d TOENAILS EA. END. NAIL FLITCH PLATE TO VERTICAL W/ (4) 8d NAILS

(2) 8d NAILS @ 3" O.C. STAGGERED FOR SHEATHING

1/2" 2x STUDY FILL SEE PLAN FROM BOTTOM OF FLOOR TRUSS

VERTICAL WALL ELEVATION DIAGRAM



WALL SHEATHING MAY BE INSTALLED VERTICALLY OR HORIZONTALLY. ATTACH PER NAILING SCHEDULE. PANEL EDGES WILL NEED TO BE ATTACHED TO STUD AND/OR BLOCKING AT ALL EDGES. A MINIMUM 1/2" SPACE IS RECOMMENDED BETWEEN PANELS AT EDGES AND END JOINTS TO ALLOW FOR EXPANSION. FASTENERS SHALL NOT PENETRATE SURFACE MORE THAN 1/2".

- (A) NAIL AT BASE 2 ROWS @ 4" O.C. w/ 8d COMMON NAIL.
- (B) NAIL AT TOP PLATE TWO ROWS @ 4" O.C. w/ 8d COMMON NAIL.
- (C) NAIL OPENING PERIMETER w/ (2) ROWS @ 4" O.C. w/ 8d COMMON NAIL.
- (D) NAIL INTERIOR AT 6" O.C. w/ 8d COMMON NAIL.
- (E) STAGGER ALL VERTICAL JOINTS & NAIL @ 4" O.C. w/ 8d COMMON NAIL.
- (F) PLYWOOD SPLICES @ HEADER - NAIL SHEATHING TO HEADER w/ 8d COMMON NAILS @ 4" O.C. (2) ROWS @ TOP & BOTT.
- (G) (2) 8d NAILS @ 3" O.C. TO EACH TRUSS END OR VERTICAL MEMBER IF GABLE END.

NOTE: 8d NAILS FOR WALL SHEATHING MUST BE MIN. 131" X 2 1/2". DO NOT OVERDRIVE NAILS: FASTENERS SHALL NOT PENETRATE SURFACE MORE THAN 1/2"

TB13 WALL SHEATHING INSTALL & NAILING SCHEDULE

2x TOP PLATE

(2) 2x BUILT-UP COL.

2x BLOCKING w/ (2) 12d NAILS @ EA END

SIMPSON LSTA30 w/ (22) 16d NAILS

SEE FLOOR PLAN FOR MORE BRG. WALL INFO

DOUBLE 2x BLOCKING w/ (4) 12d NAILS @ EACH END

2x TOP PLATE

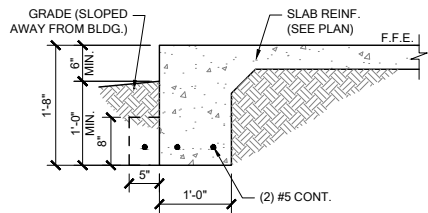
ATTACH 2x TO BUILT-UP w/ 2 ROWS OF 10d NAILS STAGGARD @ 8" O.C.

WC07 WALL STEP @ BRG. FRAME WALL

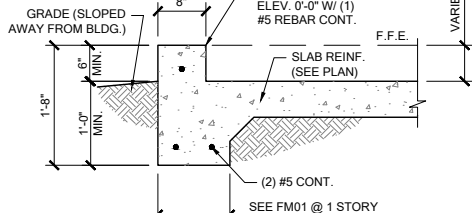
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



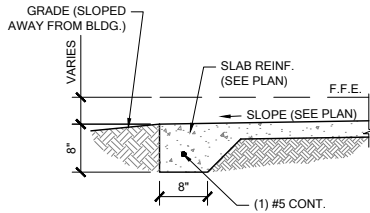
DATE: October 4, 2021
 PREPARED BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY



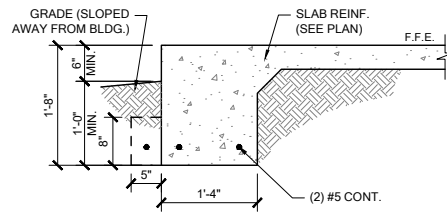
FM01 SINGLE STORY FTG
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



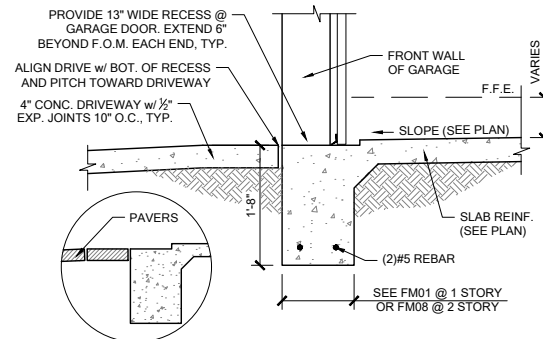
FM02 SECTION @ GARAGE
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



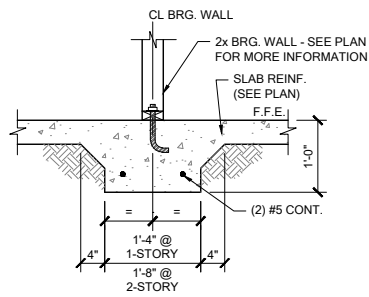
FM03 THICKENED EDGE
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



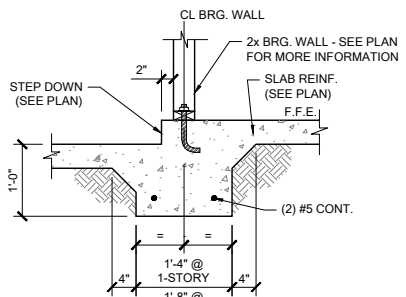
FM08 2-STORY FOOTING
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



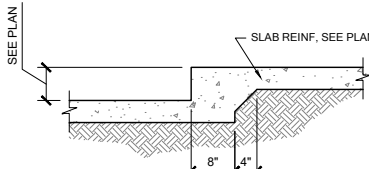
FM09 SECTION @ GARAGE DOOR
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



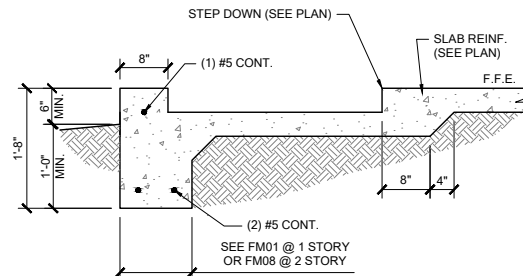
FM10 INTERIOR BEARING WALL
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



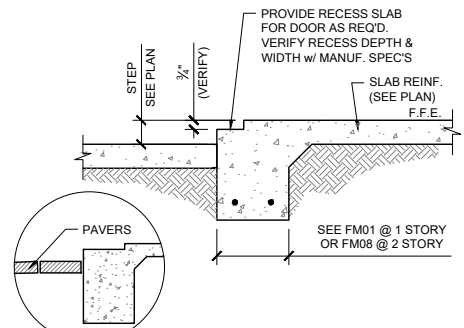
FM11 STEP DOWN BEARING
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



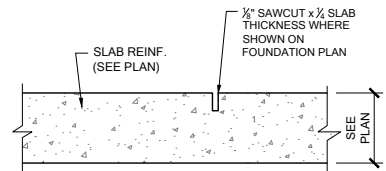
FM12 STEP DOWN @ NON BRG.
SCALE: 3/4" = 1'-0"



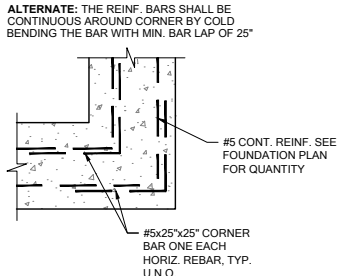
FM14 SECTION @ SHOWER
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



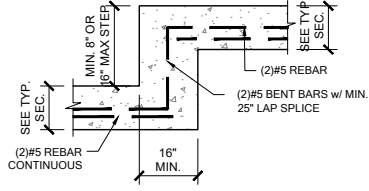
FM15 EXTERIOR BEARING @ RECESS
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



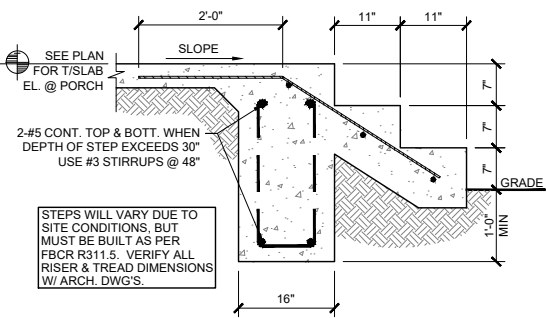
FM20 CONTROL JOINT
SCALE: N.T.S.



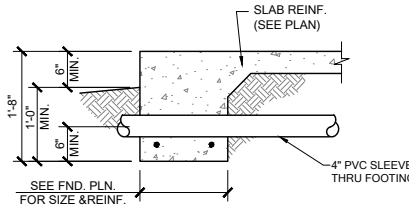
FM19 TYP. CORNER BAR DETAIL
SCALE: N.T.S.



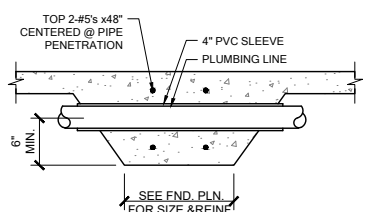
FM18 TYP. STEP FOOTING DETAIL
SCALE: N.T.S.



FM22 PORCH STEP
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

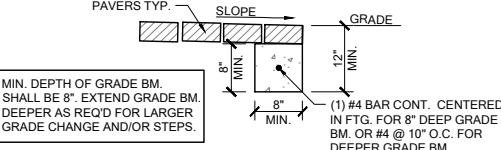


PIPE PERPENDICULAR TO EXTERIOR FOOTING

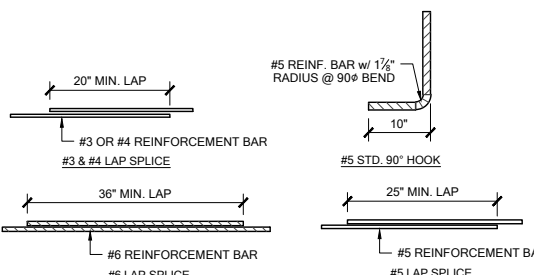


PIPE PERPENDICULAR TO INTERIOR FOOTING

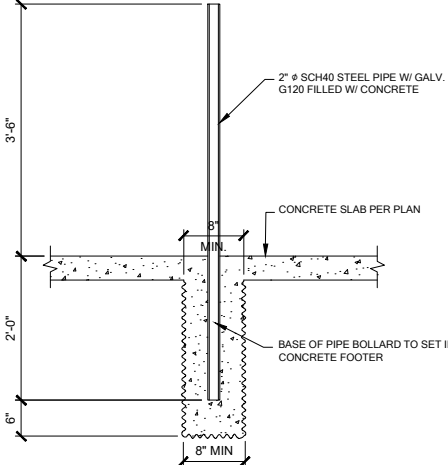
FM23 FOUNDATION PENETRATIONS, TYPICAL
SCALE: N.T.S.



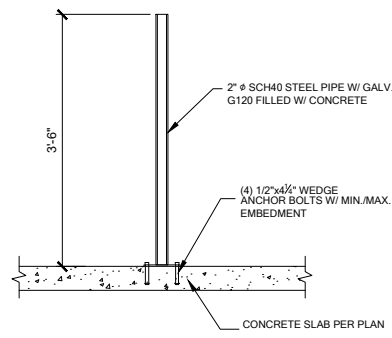
FM32 GRADE BEAM @ PAVER THRESHOLD
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



MS05 TYP. REBAR SPLICE
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



GAS WATER HEATER
1 BOLLARD DETAIL
SCALE: 3/4" = 1'-0"



ELECTRIC WATER HEATER



DATE: October 4, 2021
DRAWING NO.: 33911776
FOUNDATION DETAILS

FDS
238 S. W. 10th Ave., Suite 200
Miami, FL 33135
O: 312-972-0481 F: 307-880-2304
Certificate of Authorization No. 9161
CARLA A. BROWN, PE - FL #56126
LUIS PABLO TORRES, PE - FL #87864
SCOTT LEWOWSKI, PE - FL #78759
WWW.FDSINC.COM

LOT 20
RESERVE AT JEWEL LAKE
33-S3-16-02439-202
LAKE CITY, FL 32024

PLAN NUMBER:
33911776

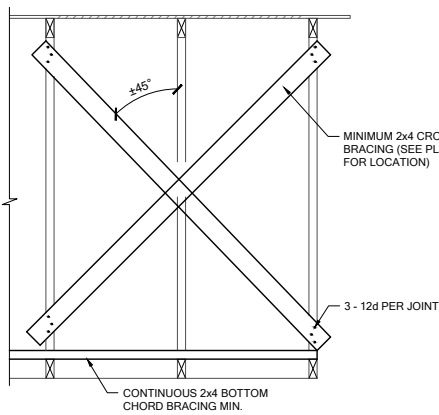
RELEASE DATE:
02.22.2021

MODEL:
RADFORD

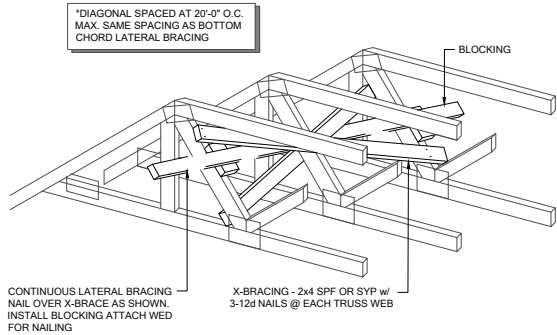
DRAWING TITLE:
FOUNDATION DETAILS

SHEET NO.:

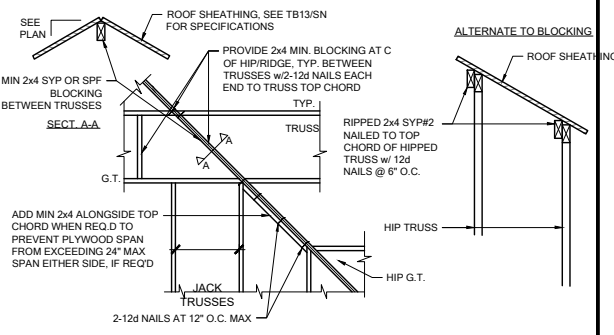
D1



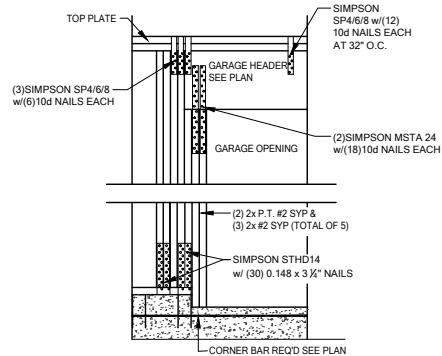
TB01 CROSS BRACING, TYP.
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



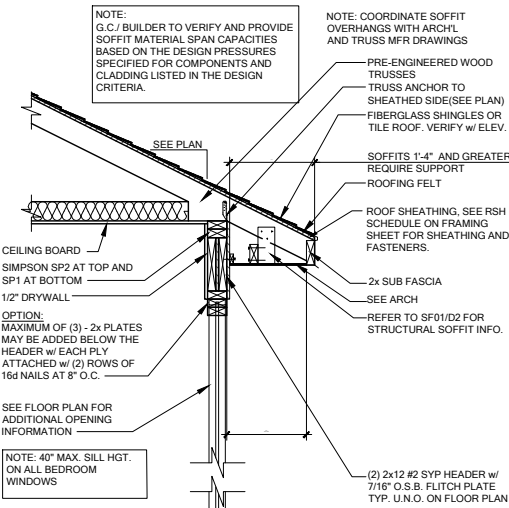
TB02 CROSS BRACING TYPICAL
SCALE: N.T.S.



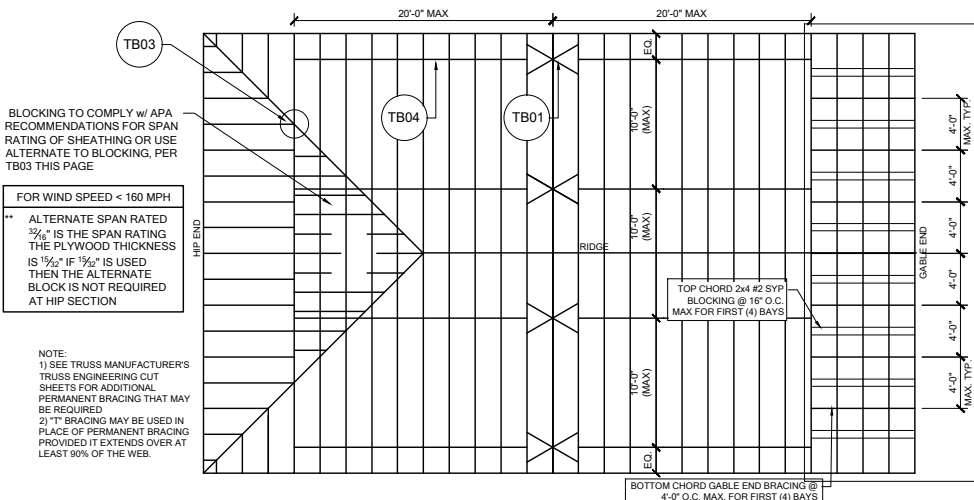
TB03 HIP/RIDGE BLOCKING
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



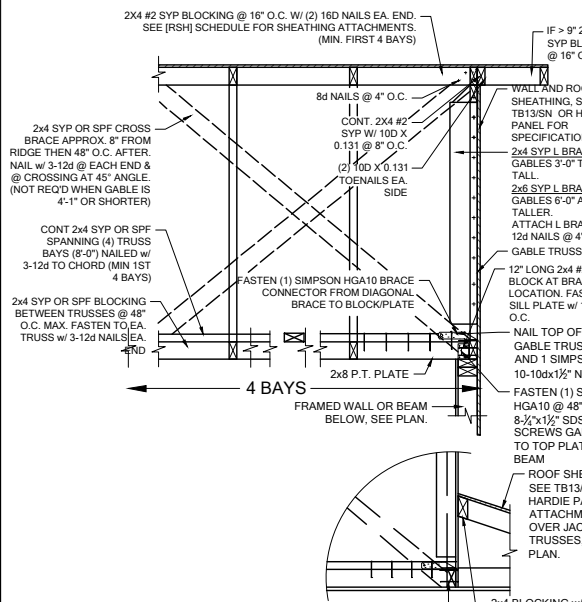
WC04 GARAGE HEADER ANCHOR
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



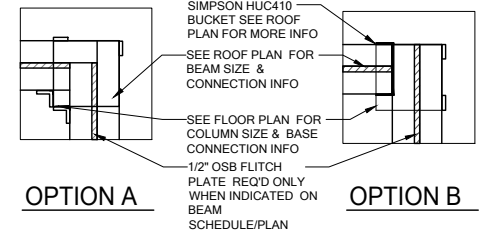
WS02 TYP. WALL SECTION
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



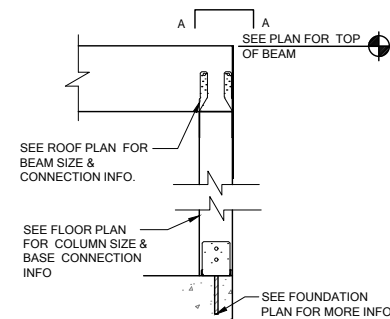
TB05 REQUIRED MIN. PERMANENT TRUSS BRACING PLAN
SCALE: N.T.S.



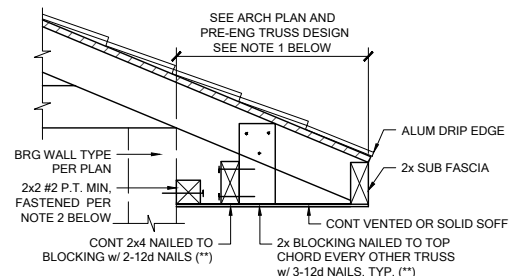
GE05 GABLE END BRACE
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



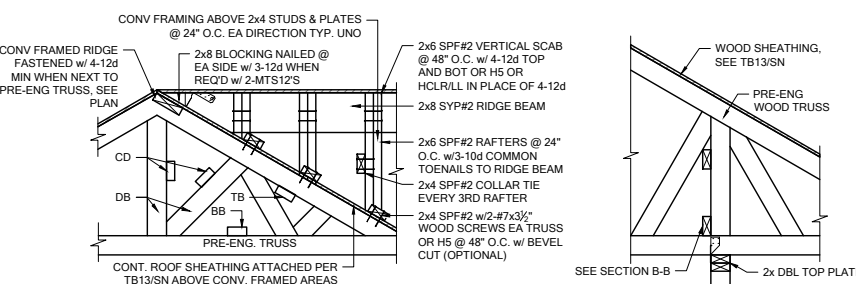
A COMMON BM. TO POST ATTACHMENT
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



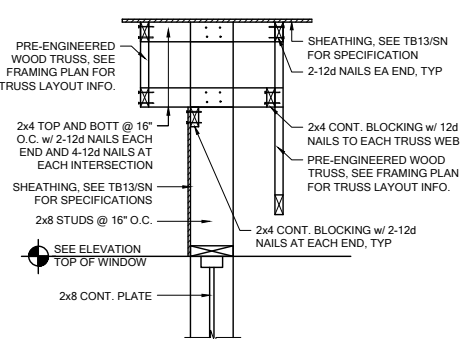
CD11 COMMON BM. ATTACHMENT
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



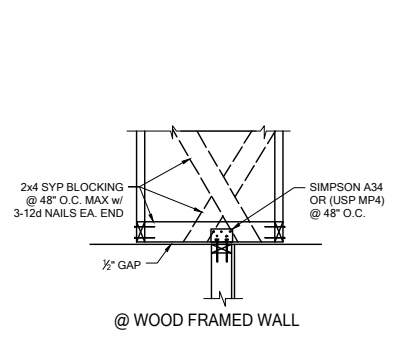
SF01 STRUCTURAL SOFFIT
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17
NOT REQUIRED. VINYL SOFFITS >1'-0" SHALL HAVE MID BLOCKING PER R704.2.1
REFER TO THE PRODUCT APPROVAL FOR INSTALLATION DETAILS.



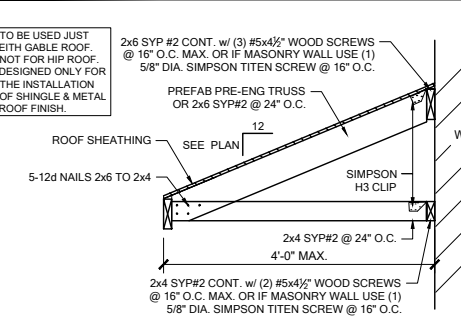
TB06 BLOCKING/CONV. FRAME DETAILS
SCALE: 1/2" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



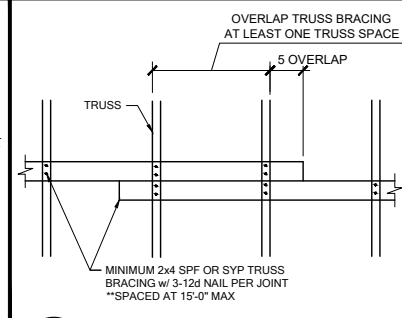
WF27 KNEEWALL @ ENTRY
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



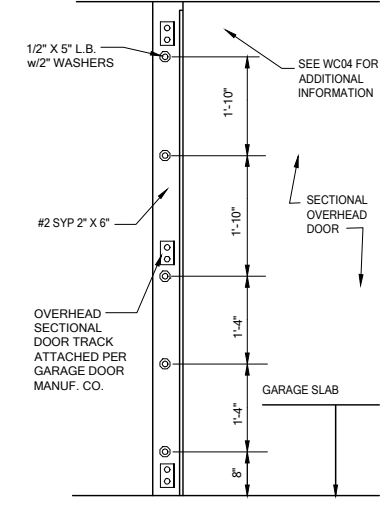
TB15 NON-BEARING EXTERIOR WALL
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



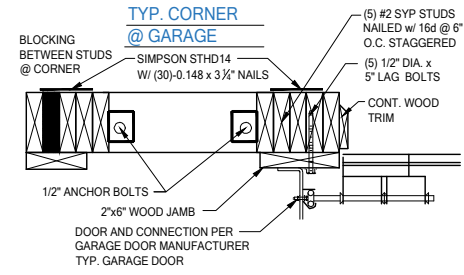
SR01 SHED ROOF CONNECTION
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



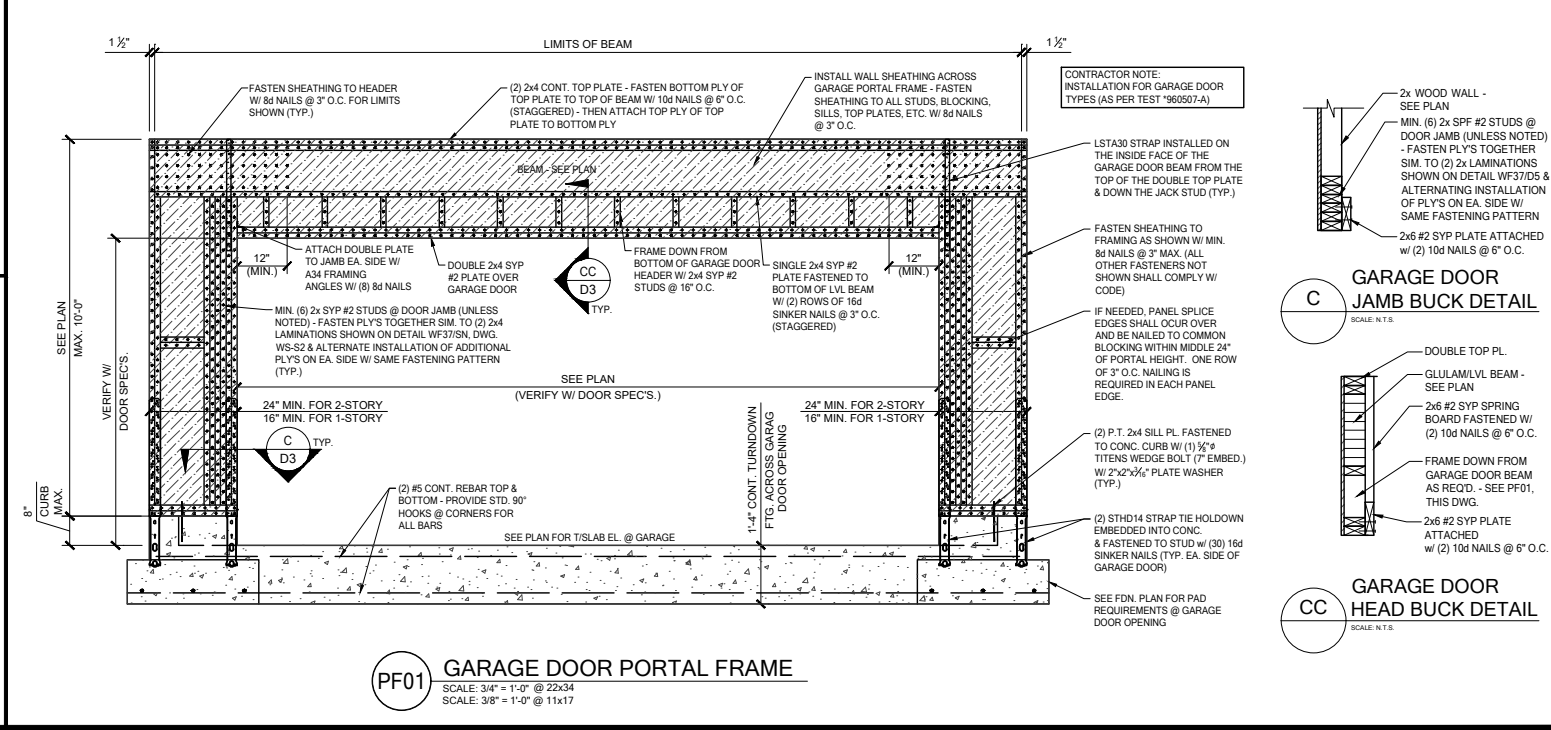
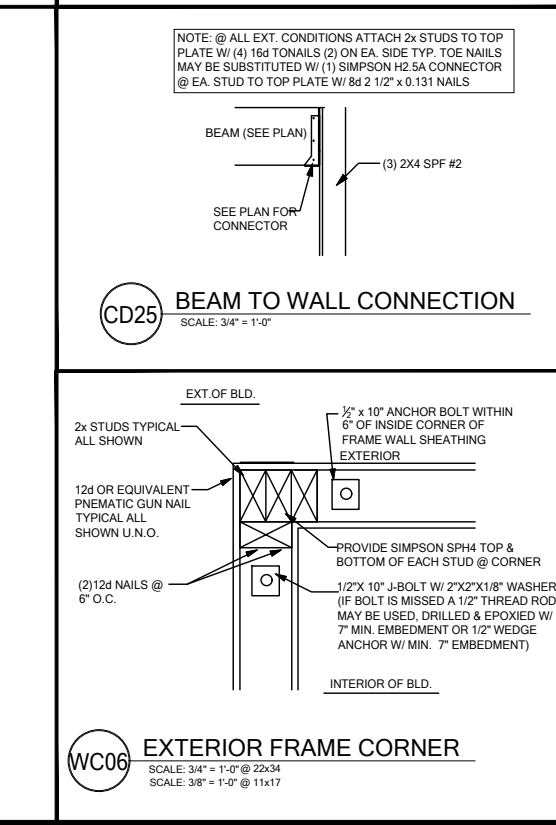
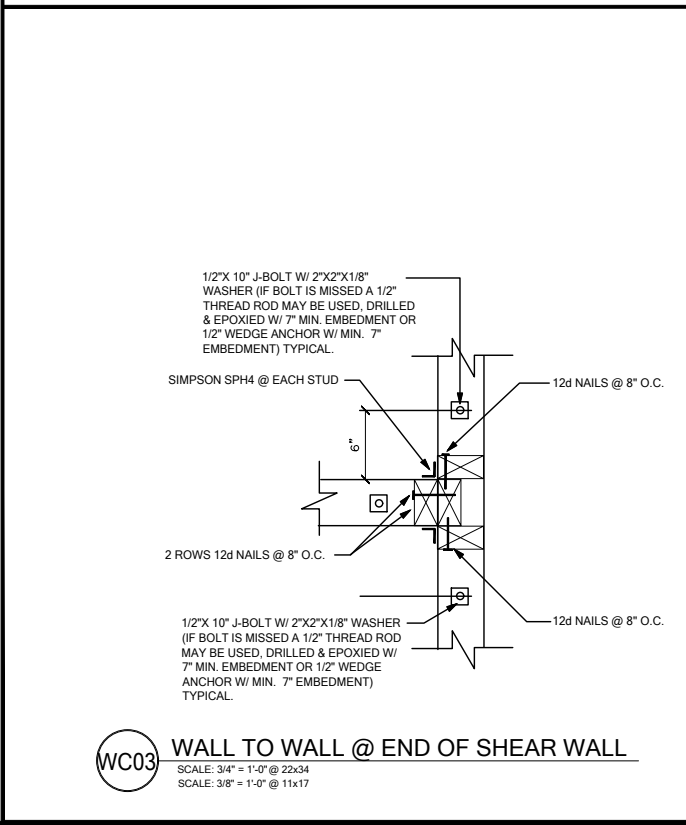
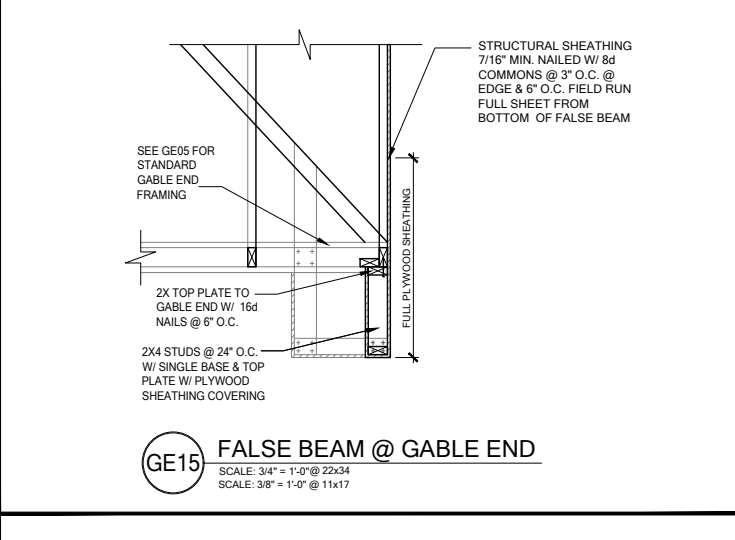
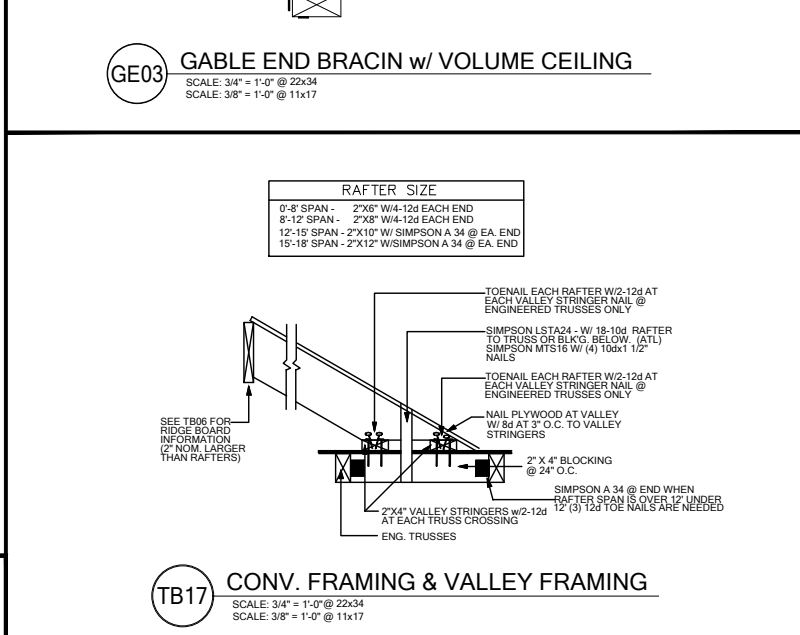
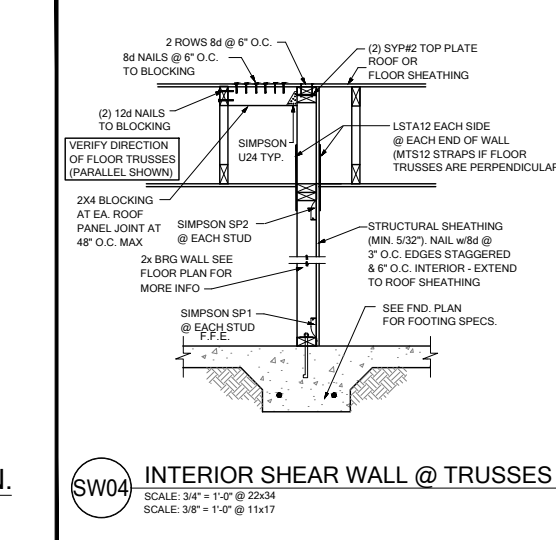
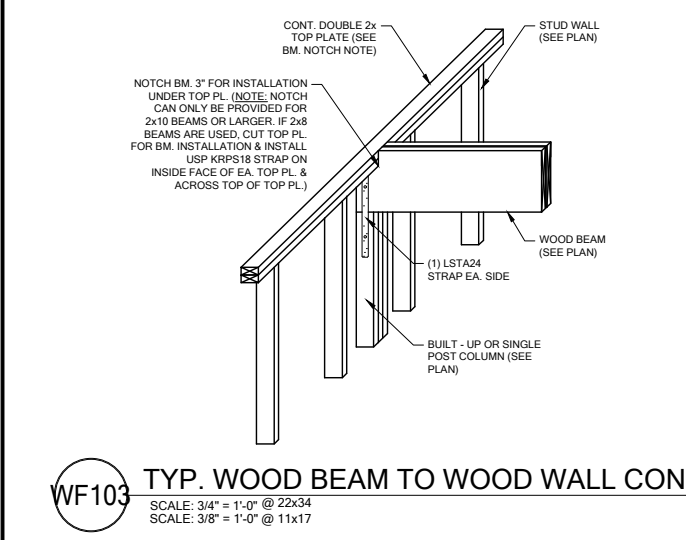
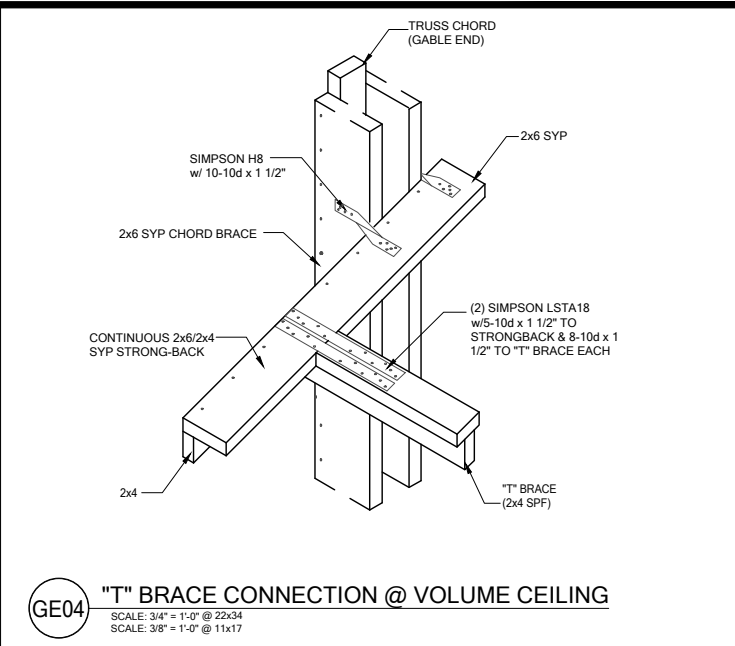
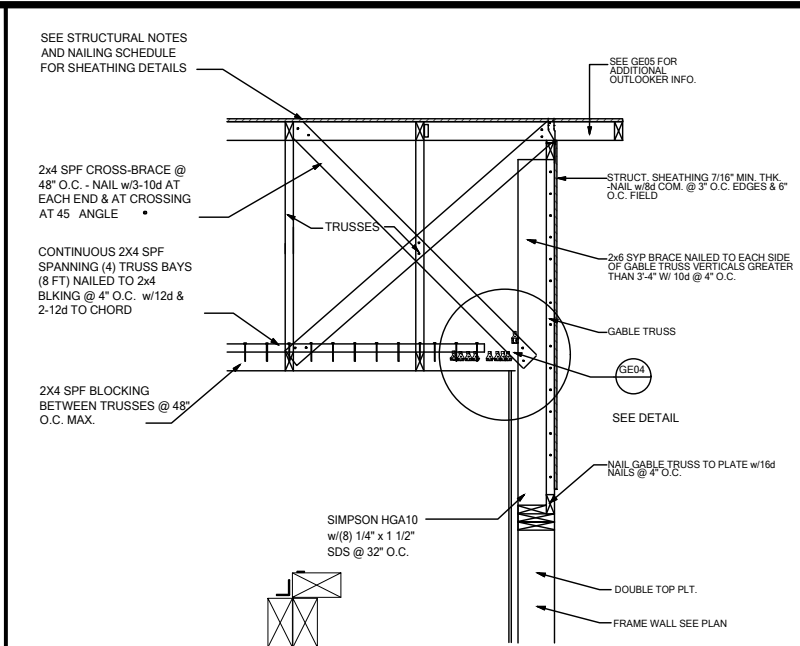
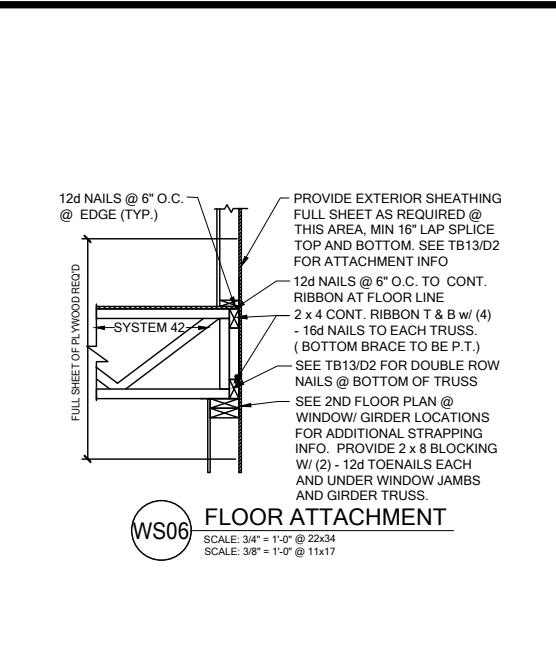
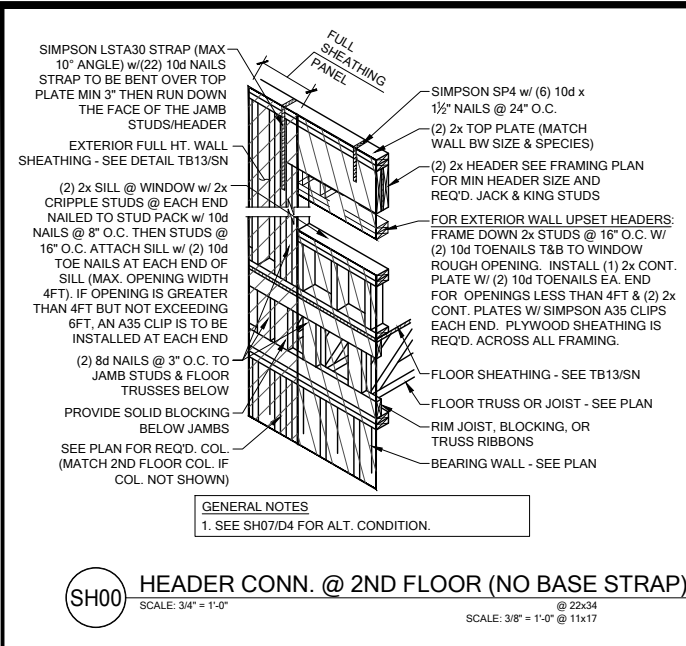
TB04 TRUSS BRACING OVER LAP
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

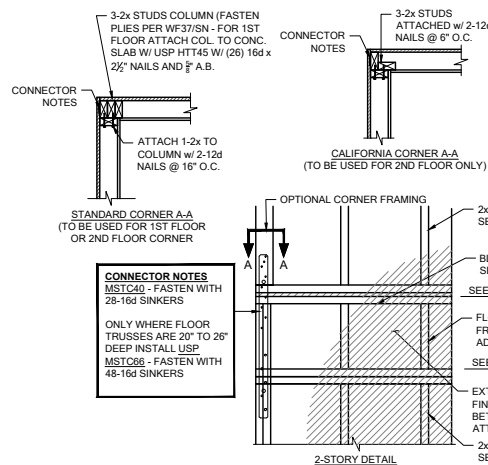


WC05 SECT. OVERHEAD GAR. DOOR INSTALL
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

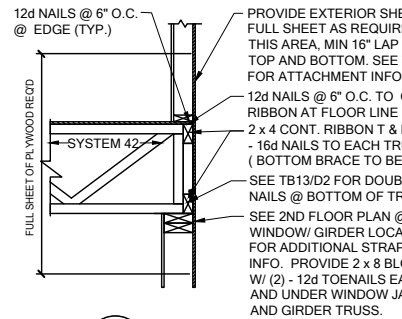


TRACK MOUNTING DET.

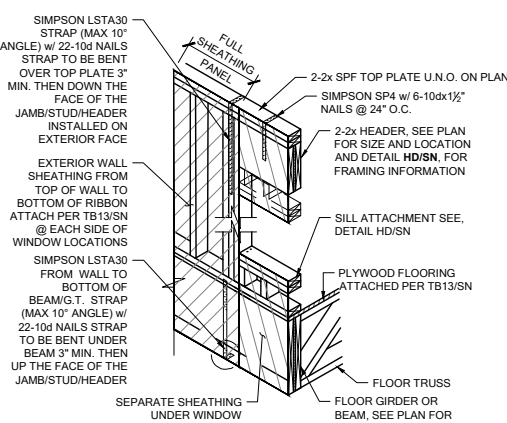




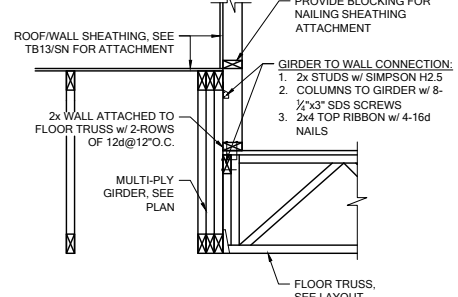
FB06 TYP. CORNER FRAMING
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



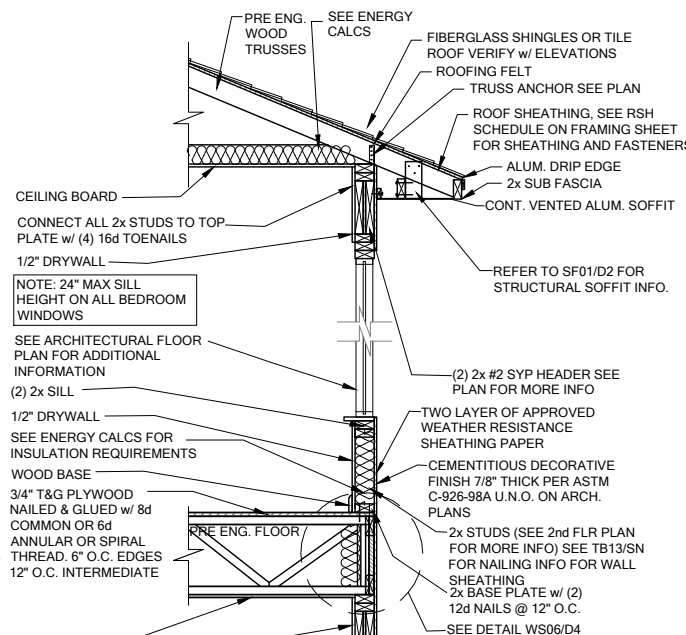
WS06 FLOOR ATTACHMENT
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



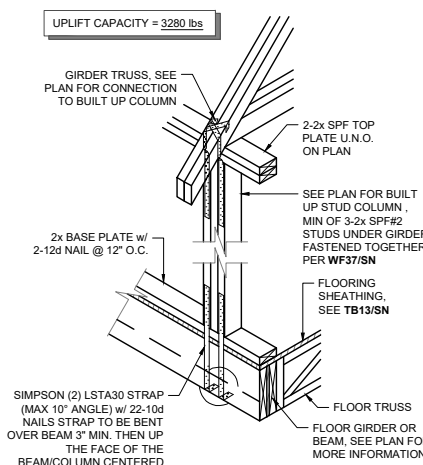
SH05 HEADER CONN. @ BEAM
SCALE: N.T.S.



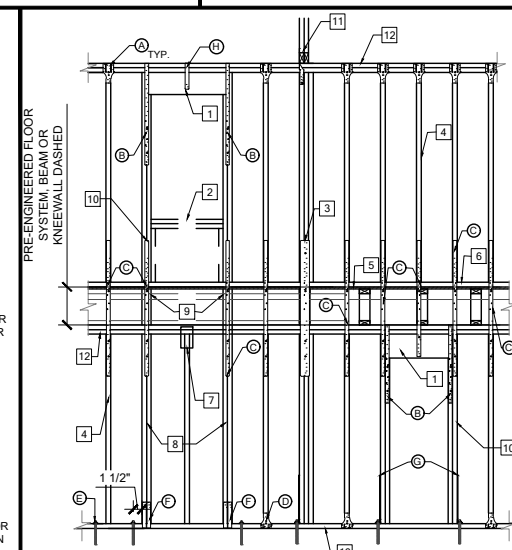
WF100 BRG. WALL OVER FLOOR SYSTEM
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



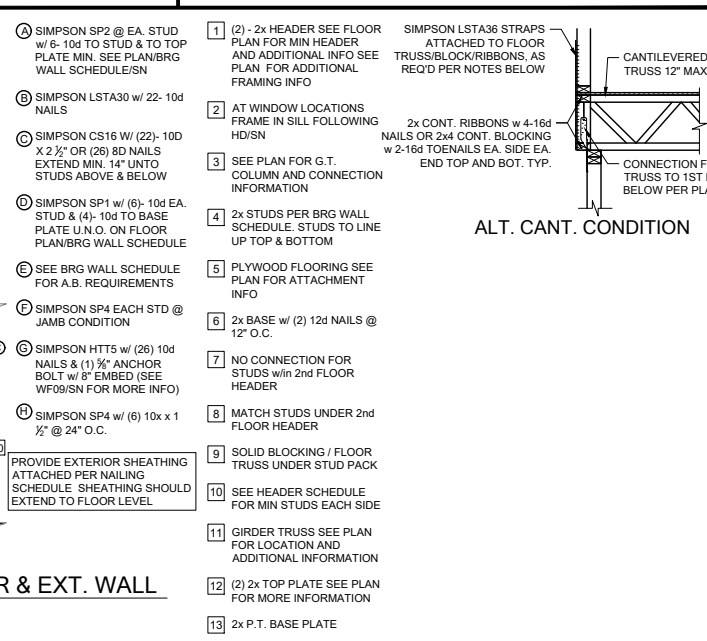
WS04 2 STORY FRAME WALL SECTION
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



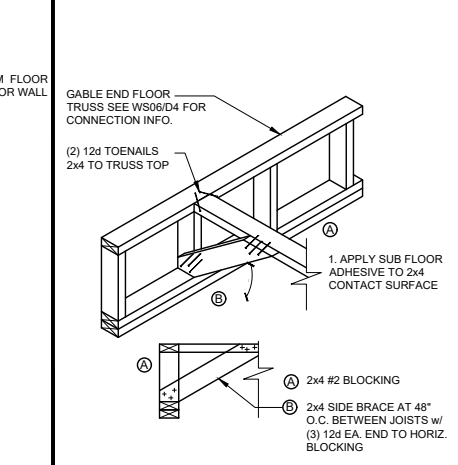
SG01 COLUMN CONN. @ BEAM
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



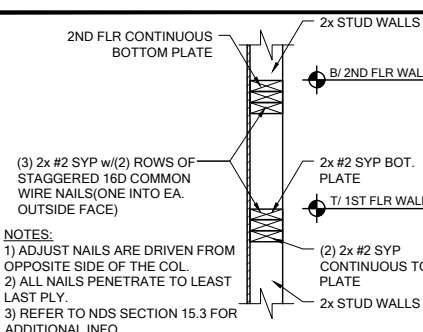
WF06 2-STORY INT. BEAR & EXT. WALL
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



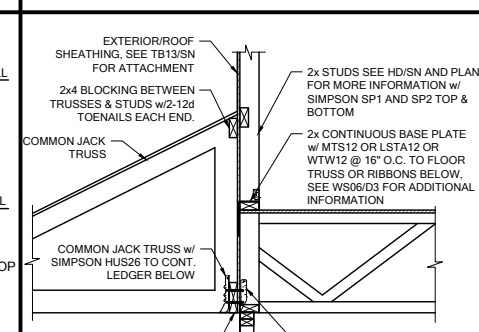
FC03 CANTILEVER FLOOR
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



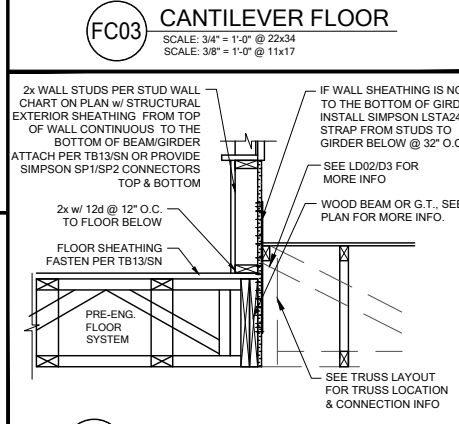
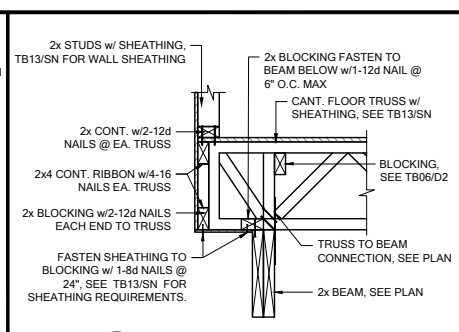
FB12 BLOCKING w/BOTTOM CHORD
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



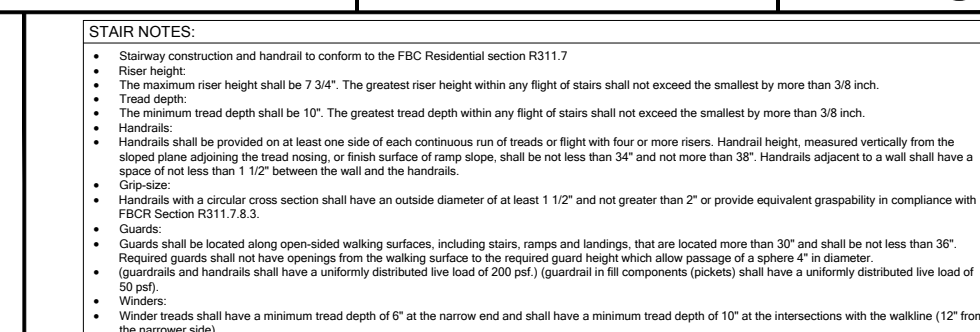
WF03 WALL SPLICE DETAILS
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



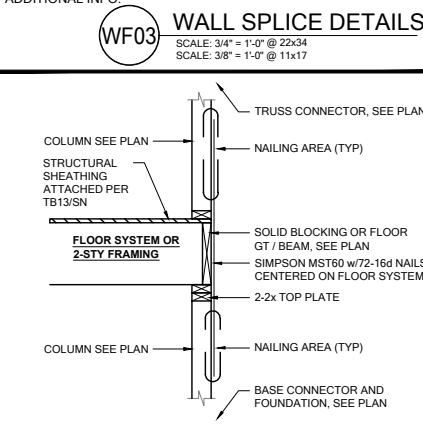
LD07 LEDGER CONNECTION
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



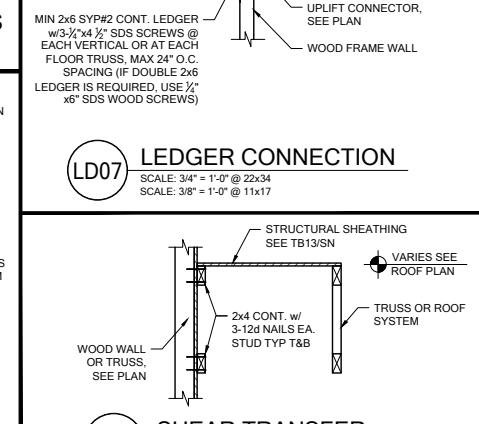
WF31 TYPICAL WALL SECTION
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



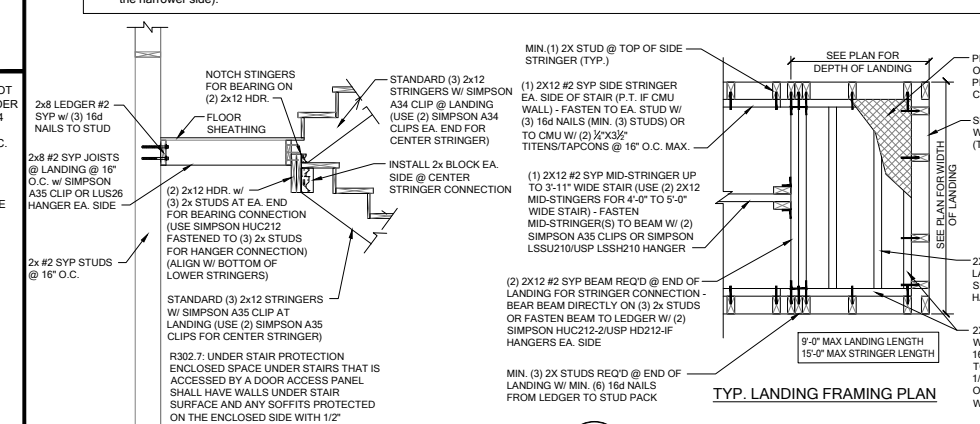
SD02 GENERAL STAIR SECTIONS & PLANS
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



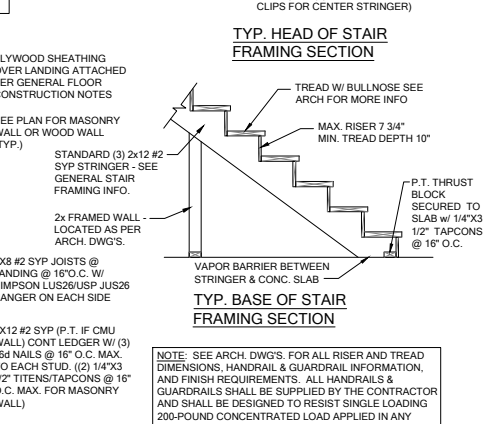
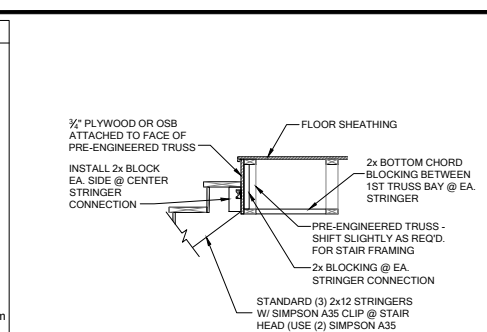
SG07 2-STORY COLUMN @ GIRDER
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



LD02 SHEAR TRANSFER
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



SD02 GENERAL STAIR SECTIONS & PLANS
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



WS04 2 STORY FRAME WALL SECTION
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



DATE: October 4, 2021
DRAWN BY: [Name]
CHECKED BY: [Name]
APPROVED BY: [Name]

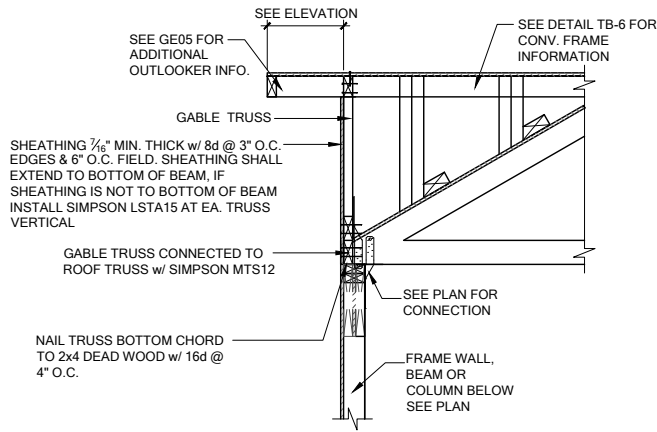


LOT 20
RESERVE AT JEWEL LAKE
33-S3-16-02439-202
LAKE CITY, FL 32024

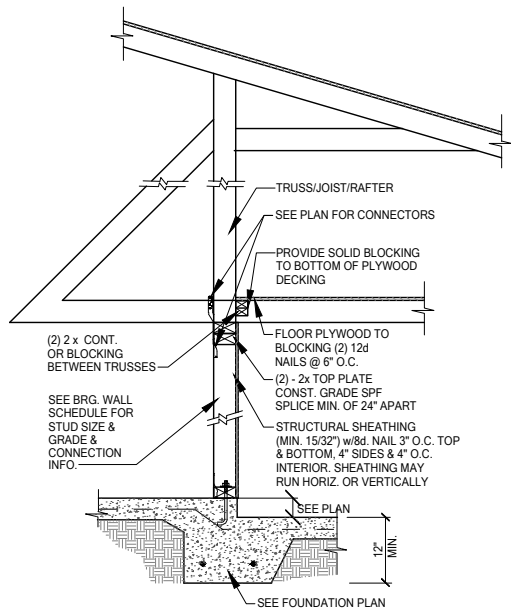
PLAN NUMBER: 33911776
RELEASE DATE: 02.22.2021

MODEL: RADFORD

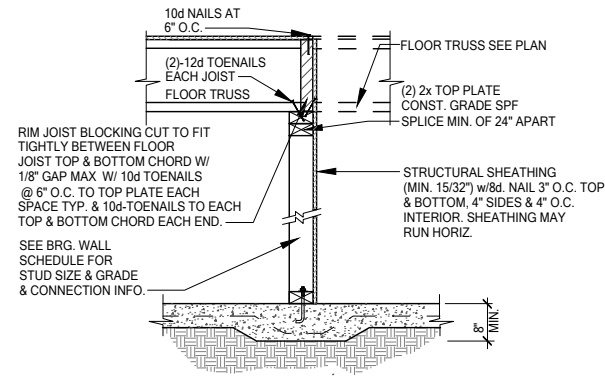
DRAWING TITLE: FLOOR FRAMING DETAILS
SHEET NO: D4



GE13A SECTION AT HIP GABLE
SCALE: 3/4" = 1'-0"
SCALE: 3/8" = 1'-0" @ 11x17

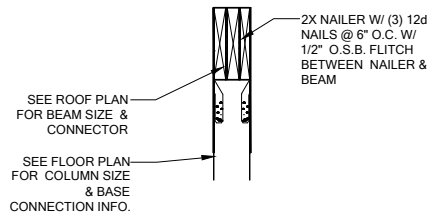


SW01 INTERIOR BEARING STEP-DOWN SHEARWALL w/UPLIFT
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

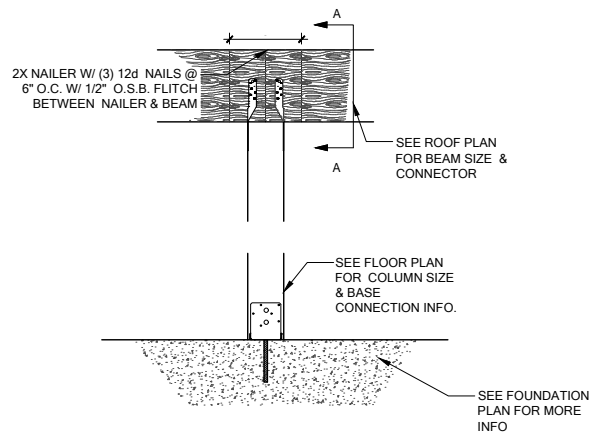


UPLIFT VALUES - (DOUBLE SIDE PLYWOOD DOUBLES VALUE BELOW)
SHEATHING I-SIDE - 860 LBS. PER TRUSS/JOIST/RAFTER

SW02 INTERIOR SHEAR WALL
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



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



CD13 COLUMN BM. ATTACHMENT
SCALE: 3/4" = 1'-0"
SCALE: 3/8" = 1'-0" @ 11x17