

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

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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

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 - RH
Florida Region (Frame)

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

PPPLICABLE CODES:

OLLOW ALL APPLICABLE STATE AND LOCAL CODES.
LORIDA STATE SUPPLEMENTS AND AMENDMENTS.

020 Florida Building Code, Residential, 7th Edition

017 National Electrical Code, NFPA 70

Signing Date: 06/27/2022

256 Southrail Lane, Suite 200
O 321.972-2491 F 407-880-2304
Certificate Of Authorization No. 9161

☐ CARLA A. BROWN, PE - FL #58108
☐ LUIS PABLO TORRES, PE - FL #27184

Reserve at Jewel Lake
Lot 013
160 SW Bre Lane
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

Keynotes | Legend

1.

CORROSION RESISTANT ROOF TO WALL FLASHING AT ALL ROOF / WALL INTERSECTIONS.
2.

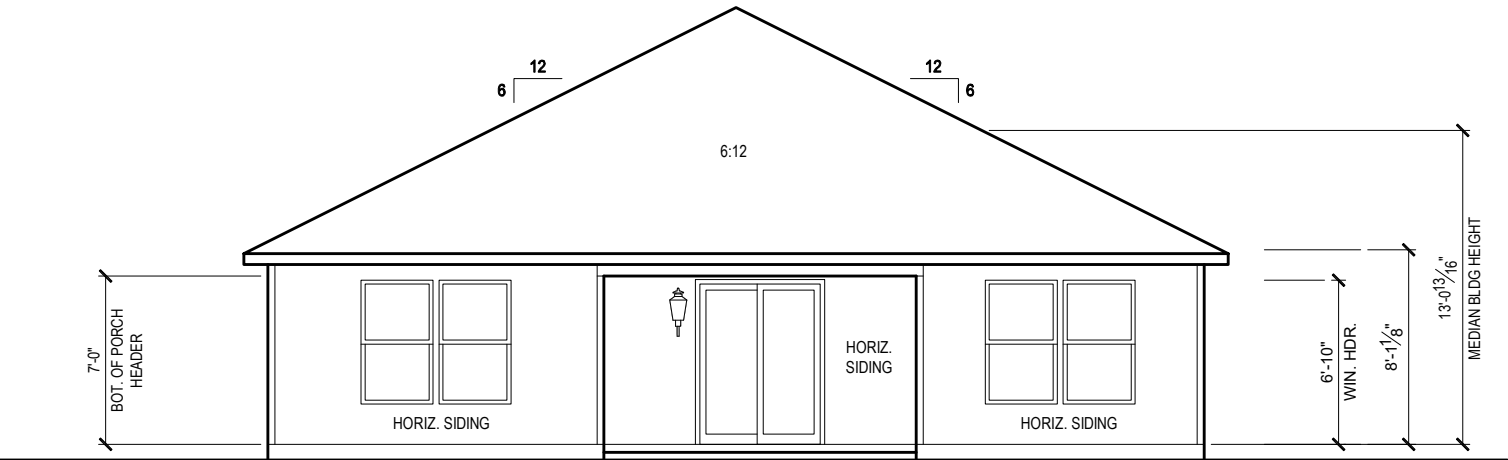
CORROSION RESISTANT SCREEN LOUVERED VENTS, SIZE AS NOTED.
3.

BRICK WAINSCOT WITH SLOPED BRICK ROWLOCK CAP.
4.

STONE WAINSCOT WITH SLOPED STONE CAP.
5.

3 1/2" VINYL TRIM SURROUND
6.

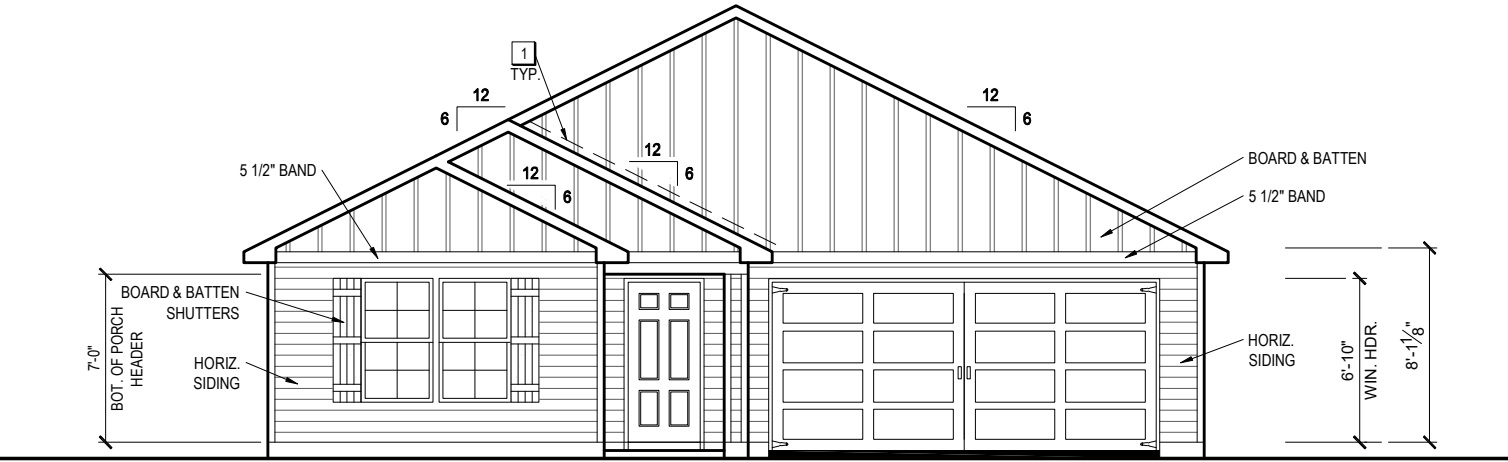
36" H. GUARDRAIL AS REQUIRED



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



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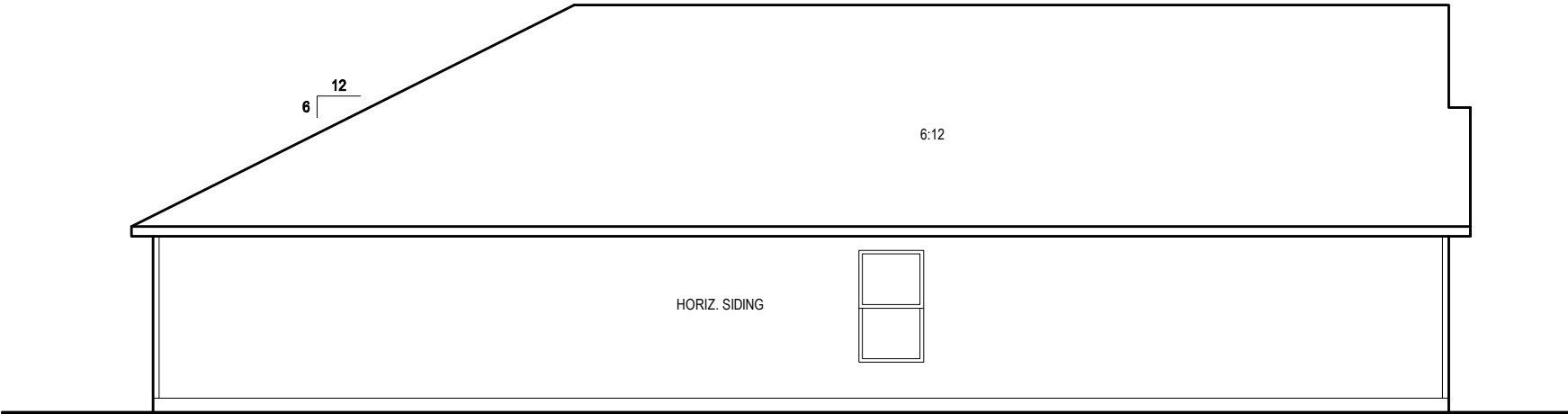
RELEASE DATE:
02.22.2021

MODEL:
RADFORD

DRAWING TITLE:
EXTERIOR ELEVATIONS

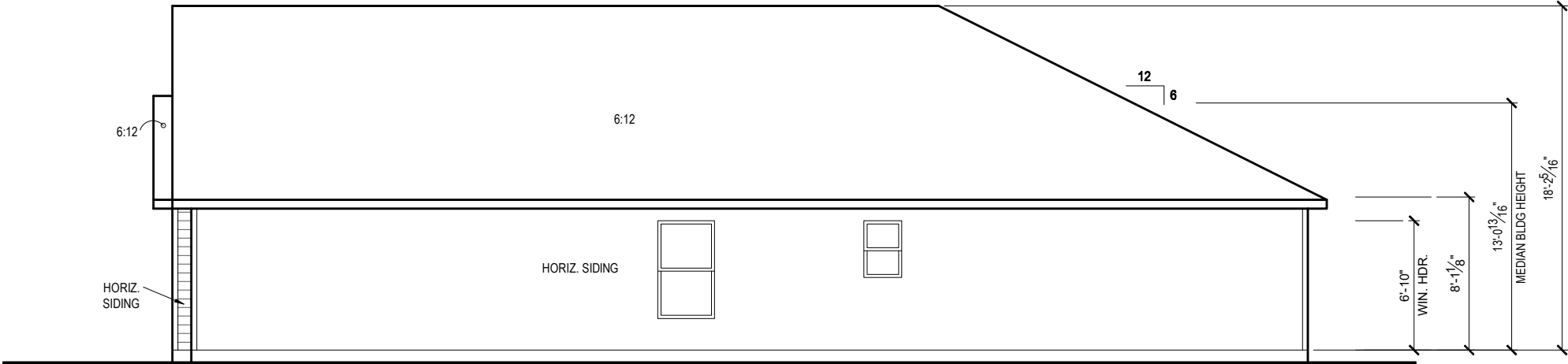
SHEET NO:

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



6-24-2022

May 2, 2022



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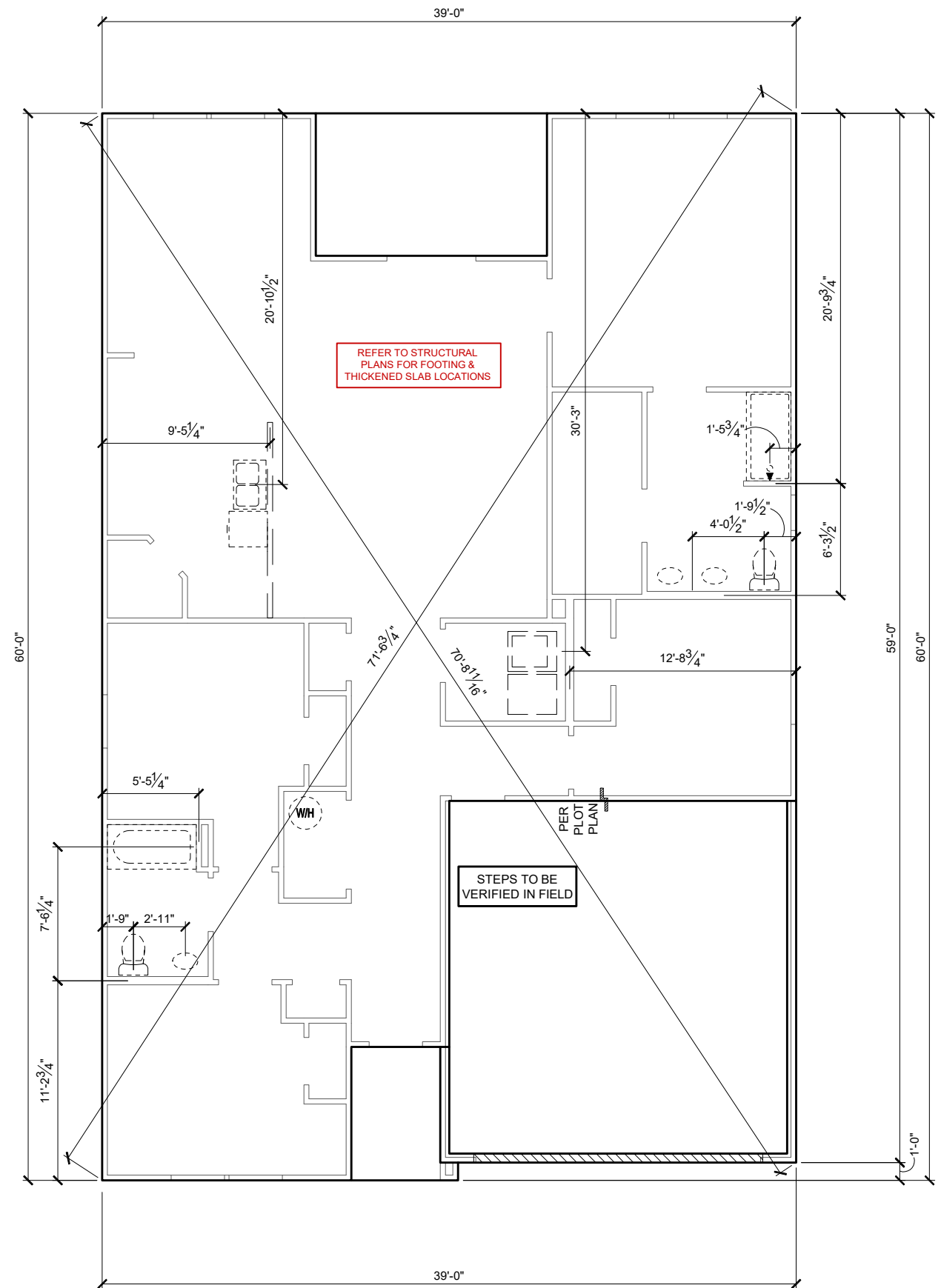
PLAN NUMBER:	33911776	RELEASE DATE:	02.22.2021
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MODEL:	RADFORD	DRAWING TITLE:	EXTERIOR ELEVATIONS
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SHEET NO:

1.2-A1

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



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

6-24-2022



Reserve at Jewel Lake
Box 013
60 SW Bre Lane
Lake City, FL 32024

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33911776
RELEASE DATE:
02.22.2021

RADFORD

DRAWING TITLE:
SLAB PENETRATION PLAN

ET 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 22X30" 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

S3 HANDRAIL AT +36" ABV. STAIR NOSING OR LANDING

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 front porch (38 SF), a large garage (403 SF) with a 16' x 7' overhead door, a foyer, a living area with a great room (8' clg) and a dining area (8' clg), a kitchen with a pantry, a covered patio, and three bedrooms (br 2, br 3, br 4). There are two bathrooms (ba 2, o. ba), a linen closet, a washer/dryer area (WH, FAU), and a laundry room (lau). The plan is detailed with numerous dimensions for walls, doors, and windows, as well as architectural symbols for doors, windows, and structural elements. Keynotes A1 through A9 and D1 through D2 provide additional specifications for the construction.

FIRST FLOOR PLAN 'A'

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

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

CENTURY
Complete

6-24-2022

FDS

ENGINEERING ASSOCIATES

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O. 321-972-0491 F. 321-972-0484
Certificate of Authorization No. 9161

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LUIS JOSE BURGOS RODRIGO, P.E. - FL #57294

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PLAN NUMBER:
33911776

RELEASE DATE:
02.22.2021

MODEL:
RADFORD

DRAWING TITLE:
FIRST FLOOR PLAN

SHEET NO:
3.1-A

ATTIC VENT CALCULATION

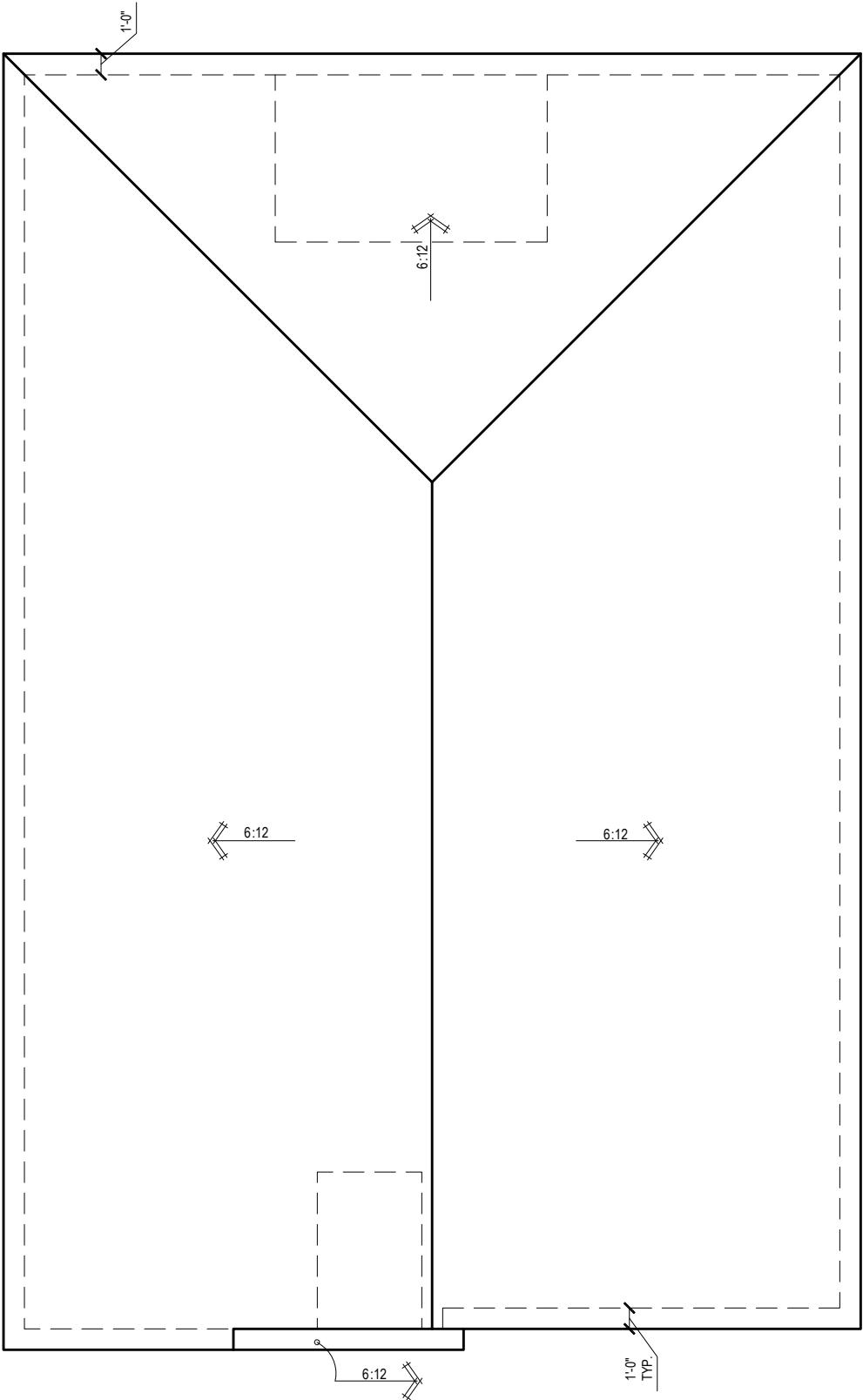
ATTIC VENTILATION TO COMPLY w/ F.B.C RESIDENTIAL CODE. THE REQUIRED NET FREE VENTILATING AREA OF NOT LESS THAN 1/150 OF THE SPACE VENTILATED. AREA MAY BE REDUCED TO 1/300 PROVIDED THAT 40 TO 50 PERCENT OF THE REQ'D VENTILATING AREA IS PROVIDED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST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



6-24-2022



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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

WALL MOUNTED LIGHT

LED DOWNLIGHT

DISCONNECT

CEILING FIXTURE OUTLET

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

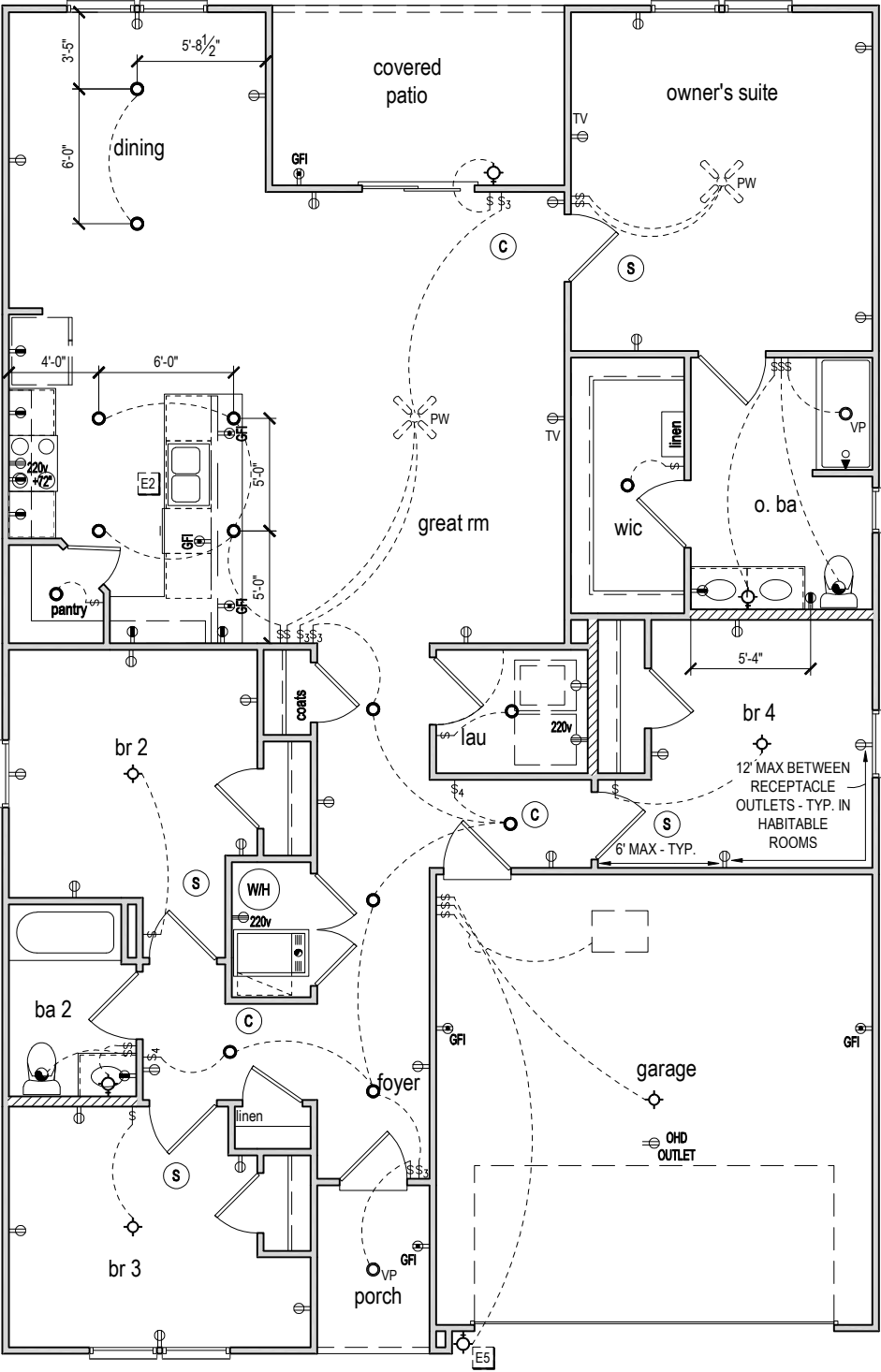
VP=VAPOR PROTECTED

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

- PROVIDE ADDITIONAL EXTERIOR WEATHERPROOF RECEPTACLE WITHIN 15 FEET OF CONDENSING UNITS
- INSTALL GFCI 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



6-24-2022

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Lake City, FL 32024

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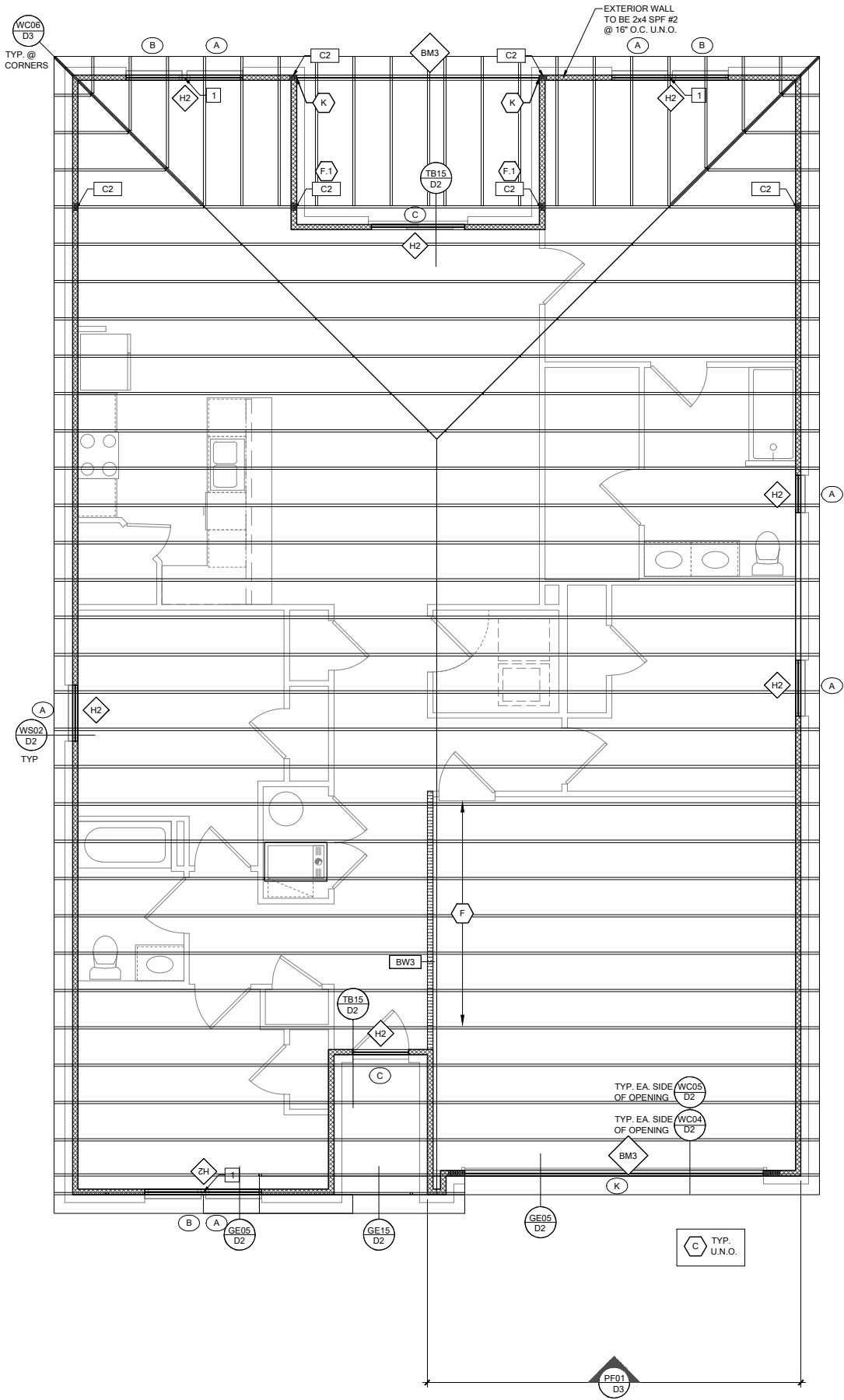
RELEASE DATE:
02.22.2021

MODEL:
RADFORD

DRAWING TITLE:
FIRST FLOOR ELECTRICAL

SHEET NO:

E1.1



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)
WIND SPEED (ALLOWABLE)
EXPOSURE CATEGORY

130 MPH
100.7 MPH
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		-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 3/4) or 1 1/2" EXP. 1 (2 3/4)
TILE: 1 1/2" EXP. 1 (2 3/4)

NOTE:
1. PER CODE ASTM F1667 RSRs-01 REFERENCE TO 8d (2 3/4" x 0.113") NAILS
2. WHERE THE SHEATHING THICKNESS IS GREATER THAN 1 1/2", 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]

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

SYMBOL	DESIGN DESCRIPTION
BW# 2x.	INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN. SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
C#	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 INDICATES NO BOTTOM CONNECTOR REQUIRED
#	INDICATES WINDOW PRESSURE - SEE S0 FOR MORE INFORMATION.
#	INDICATES UPLIFT CONNECTION CONSTRUCTED PER DETAIL UPLIFT CONNECTOR SCHEDULE ON SHEET SN

- FRAMING NOTES:
1. SEE WIND SPEED CHART ON S0 FOR WINDOW PRESSURES

2. AT SECOND FLOOR FOR TYPICAL CORNER FRAMING SEE DETAIL FB06/D4
- GENERAL NOTES:
1. 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

2. 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.

3. 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

- 1 MIN. (2) INTERMEDIATE JACK STUDS REQUIRED BETWEEN OPENINGS.

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
2x. INTERIOR BEARING SHEARWALL - SEE BEARING WALL SCHEDULE ON SHEET SN FOR REQUIREMENTS.	
INDICATES BEARING WALL SEE BEARING WOOD BEARING SCHEDULE ON SN	
INTERIOR NON-BRG. WALL BY BUILDER	
2x WOOD FRAME EXTERIOR WALL (SEE PLAN FOR MORE INFO)	

DATE: June 27, 2022
REVISIONS: 1.00
DRAWN: J. BROWN
CHECKED: S. BROWN
DESIGNED: S. BROWN
PROJECT: 2301776

2301776
J. BROWN
S. BROWN
O: 321-972-0491 F: 407-480-2304
Certificate of Authorization No. 9161
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SCOTT A. LEWIS, P.E. - FL #78250

LOT 13
RESERVE @ JEWEL LAKE
160 SW BRE LANE
LAKE CITY, FL 32024

PLAN NUMBER: 33911776

RELEASE DATE: 02.22.2021

MODEL: RADFORD

DRAWING TITLE: ROOF FRAMING PLAN A

SHEET NO:

S2

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"	(3) #5 E.W. BOT.
F2.5	2'-6" x 2'-6"	1'-0"	(3) #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, COMPACTION IN 12" LIFTS TO AT LEAST 95% 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.

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 #2 SYP	(4)12d TOENAILS	NO UPLIFT
C4	(3) 2x #2 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)1/2" 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

TOP PLATE SPLICING

2x4 STUDS, PER PLAN

2x4 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 P5PN16Z 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 SPLICING

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

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

WF37 MULTI-PLY FASTENING

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

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

MARK	STUD SPACING	CONNECTION & FASTENERS	LUMBER SPECIES	UPLIFT CAP. (lb)
BW1	16"	(2)16d TOENAILS (3) 12d 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"	(3) 12d TOENAILS OR (2) 12d END OR BOX NAILS	#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. IF WITHIN A WALL, NO UPLIFT AS INDICATED IN THE WOOD BEARING WALL SCHEDULE. THE CONNECTORS INDICATED IN WF09 & HD CAN BE IGNORED.

BEARING WALL DETAIL

SCALE: NONE

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

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

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 HD w/ 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

SEE FOUNDATION FOR FOOTING TYPE & SIZE

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 PLATE AND 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.

WF18 NON-BRG INTERIOR WALL

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

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

MARK	HEADER SIZE	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.
H1	(2) 2x6 #2 SYP w/ 7/16" FLUTCH 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) 2x6 #2 SYP w/ 7/16" FLUTCH PLATE	3. IF HEADER IS ON THE 2ND FLOOR SEE PLAN FOR INDICATED HEADER CONNECTION FOR REQUIRED CONNECTIONS.
H3	(2) 2x10 #2 SYP w/ 7/16" FLUTCH PLATE	4. ALL HEADER JACK AND KING STUDS SHALL BE FASTENED TO EACH PER DETAIL WF37/SN.
H4	(2) 2x12 #2 SYP w/ 7/16" FLUTCH PLATE	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 14" x 3 1/2" SDS WOOD SCREWS @ 16" O.C. TYP. EACH SIDE.
H5	(2) 1 3/4" x 11 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 9 1/4" LVL 2.0E Fb=2600	7. IF HEADER IS NOT SPECIFIED CONTACT E.O.R.
H7	(2) 2x10 #2 SYP w/ 1" FLUTCH PLATE	8. ALL LVLS MAY BE SUBSTITUTED WITH POWER BEAM BLUEGLAM FB3000 E=2.1 Fv=300 EQUAL TO SIZE OF LVL CALLED OUT ON PLAN.
H8	(2) 1 3/4" x 7 1/4" LVL 2.0E Fb=2600	

OPENING SIZE	2x4 WALL	2x6 OR 2x8 WALL
1'-0" - 3'-11"	(1)	(1)
4'-0" - 9'-11"	(2)	(2)
10'-0" - 16'-0"	(3)	(3)

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.

TYPICAL FRAMING CONNECTIONS AT OPENINGS

SCALE: NONE

CROSS REFERENCE CHART

SIMPSON LSTA30 / USP LST430

SIMPSON SP4 / USP SPT14

SIMPSON SP6 / USP SPT6

SIMPSON SP8 / USP SPT8

SIMPSON HTS20 / USP HTW20

SIMPSON SP2 / USP SPT24

SIMPSON A35 / USP MP41

SIMPSON HT14 / USP HTT45

MARK	BEAM SIZE	FASTENING SCHEDULE	U.N.O. ON FRAMING PLAN	U.N.O. ON FRAMING PLAN
BM1	(2) 2x8 SYP #2 w/ 7/16" OSB FLUTCH PLATE	(2) ROWS OF 12d @ 12" O.C. TYP. EACH SIDE		
BM2	(2) 2x10 SYP #2 w/ 7/16" OSB FLUTCH PLATE			
BM3	(2) 2x12 SYP #2 w/ 7/16" OSB FLUTCH PLATE			
BM4	(2) 1 3/4"x11 1/4" LVL 2.0E Fb=2600			
BM5	(2) 1 3/4"x11 7/8" LVL 2.0E Fb=2600			
BM6	(2) 1 3/4"x16" LVL 2.0E Fb=2600			
BM7	(3) 2x10 SYP #2 w/ (2) 7/16" OSB FLUTCH PLATES			
BM8	(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.
 4. ALL LVLS MAY BE SUBSTITUTED WITH POWER BEAM BLUEGLAM FB3000 E=2.1 FV=300 EQUAL TO SIZE OF LVL CALLED OUT ON PLAN.

WF02 WOOD FRAMED ARCH

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

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

MARK	TYPE	CONNECTOR & FASTENERS	SPF	SYP
B	FRAME TO FRAME	H2.5A w/ (10)8d NAILS	615	700
C	FRAME TO FRAME	H10A w/(18)10d x 1 1/2" AT 2 PLY TRUSSES	1015	1040
D	FRAME TO FRAME	H10A-2 w/(18)10d x 1 1/2" AT 2 PLY TRUSSES	930	1080
E	FRAME TO FRAME	MTS12 w/(14)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (3) 12d TOENAILS)	850	990
F	FRAME TO FRAME	HTS20 w/(16)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (3)12d TOENAILS	1215	1415
G	FRAME TO FRAME	(2) HTS20 w/(36)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (6)12d TOENAILS	2430	2830
H	FRAME TO MASONRY / FRAME	(2) LGT2 w/ (32) 16d SINKERS & (14) 1/4" x 2 1/4" TITEN TURBO (2 PLY TRUSS) OR (28) 16d SINKERS FOR FRAME (EA)	3500-M 3510-F	4060-M 4080-F
I	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
J	BEAM TO BEAM	HU410 OPT HUCA10 w/ (18) 16d & (10) 10d NAILS	G42800 UH1635	G43250 UH1795
K	BEAM TO MASONRY / FRAME	HU46 OPT HUC46 w/ (6) 10d NAILS & (12) 1/4" x 2 3/4" TITEN TURBO (TO MAS.) OR (12) 16d & (6) 10d (FOR FRAME)	G42165 UH1135 SYP-F	G43000 UH1135 SYP-M
L	FRAME TO FRAME	H105 w/ (24) 10d x 1 1/2" NAILS	785	910
M	FRAME TO FRAME	VGT w/ (16) 1/4"x3" SDS WOOD SCREWS & HDU4-SDS2.5 w/ (10) 1/4"x2 1/2" SDS WOOD SCREWS & (1) 5/8" A.T.R.	3555	4940
N	FRAME TO FRAME	(2) HTT5 w/ (52) 16d x2 1/2" NAILS & (2) 5/8" A.T.R. (SEE NOTE #4)	8750	10180

GENERAL CONNECTION 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.)
 6. 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/ JT (IF APPLICABLE) LAYOUT
 5. CONNECT ALL FLOOR TRUSSES TO INTERIOR BEARING WOOD WALL/BEAMS w/ (2) 12d TOENAILS
 6. MINIMAL CONNECTOR UNO ON FRAMING PLAN
 7. CONNECTION FOR JACK TRUSS TO WOOD WALL OR BEAM
 8. MINIMAL CONNECTOR UNO ON FRAMING PLAN

WF09 WALL HEADER DETAIL

SCALE: N.T.S.

MARK	TYPE	CONNECTOR & FASTENERS	SPF	SYP
B	FRAME TO FRAME	H2.5A w/ (10)8d NAILS	615	700
C	FRAME TO FRAME	H10A w/(18)10d x 1 1/2" AT 2 PLY TRUSSES	1015	1040
D	FRAME TO FRAME	H10A-2 w/(18)10d x 1 1/2" AT 2 PLY TRUSSES	930	1080
E	FRAME TO FRAME	MTS12 w/(14)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (3) 12d TOENAILS)	850	990
F	FRAME TO FRAME	HTS20 w/(16)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (3)12d TOENAILS	1215	1415
G	FRAME TO FRAME	(2) HTS20 w/(36)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (6)12d TOENAILS	2430	2830
H	FRAME TO MASONRY / FRAME	(2) LGT2 w/ (32) 16d SINKERS & (14) 1/4" x 2 1/4" TITEN TURBO (2 PLY TRUSS) OR (28) 16d SINKERS FOR FRAME (EA)	3500-M 3510-F	4060-M 4080-F
I	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
J	BEAM TO BEAM	HU410 OPT HUCA10 w/ (18) 16d & (10) 10d NAILS	G42800 UH1635	G43250 UH1795
K	BEAM TO MASONRY / FRAME	HU46 OPT HUC46 w/ (6) 10d NAILS & (12) 1/4" x 2 3/4" TITEN TURBO (TO MAS.) OR (12) 16d & (6) 10d (FOR FRAME)	G42165 UH1135 SYP-F	G43000 UH1135 SYP-M
L	FRAME TO FRAME	H105 w/ (24) 10d x 1 1/2" NAILS	785	910
M	FRAME TO FRAME	VGT w/ (16) 1/4"x3" SDS WOOD SCREWS & HDU4-SDS2.5 w/ (10) 1/4"x2 1/2" SDS WOOD SCREWS & (1) 5/8" A.T.R.	3555	4940
N	FRAME TO FRAME	(2) HTT5 w/ (52) 16d x2 1/2" NAILS & (2) 5/8" A.T.R. (SEE NOTE #4)	8750	10180

VERTICAL WALL ELEVATION DIAGRAM

SINGLE NAIL EDGE SPACING

DOUBLE NAIL EDGE SPACING

SECTION X-X

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".

TB13 WALL SHEATHING INSTALL & NAILING SCHEDULE

SCALE: N.T.S.

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"

WC07 WALL STEP @ BRG. FRAME WALL

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

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

WC07 WALL STEP @ BRG. FRAME WALL

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

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

CENTURY Complete

DATE: June 27, 2022

REVISION: 01

LOT 13

RESERVE @ JEWEL LAKE

160 SW BRE LANE

LAKE CITY, FL 32024

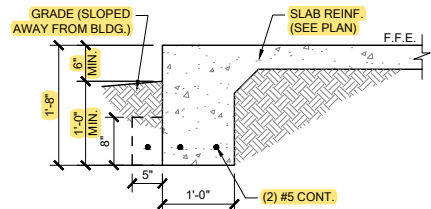
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RELEASE DATE: 02.22.2021

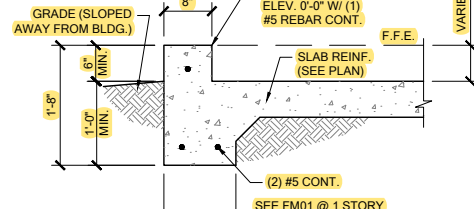
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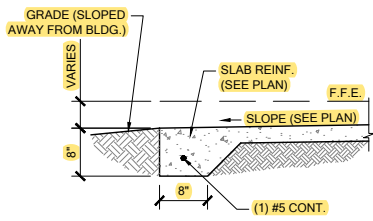
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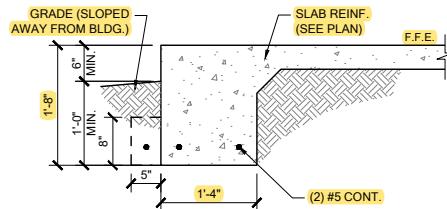
FM01 SINGLE STORY FTG
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



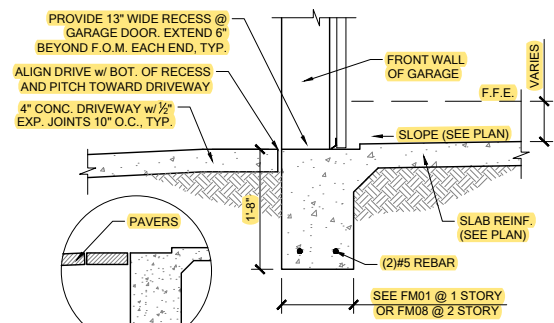
FM02 SECTION @ GARAGE
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



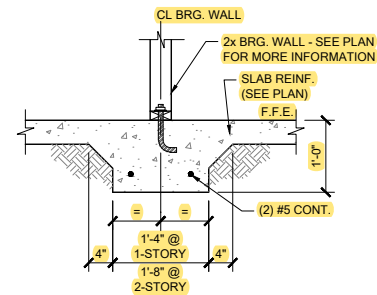
FM03 THICKENED EDGE
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SCALE: 3/8" = 1'-0" @ 11x17



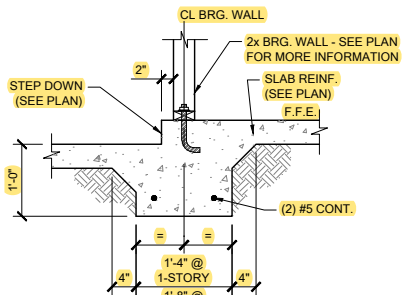
FM08 2-STORY FOOTING
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



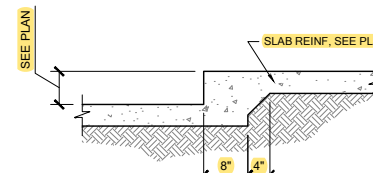
FM09 SECTION @ GARAGE DOOR
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



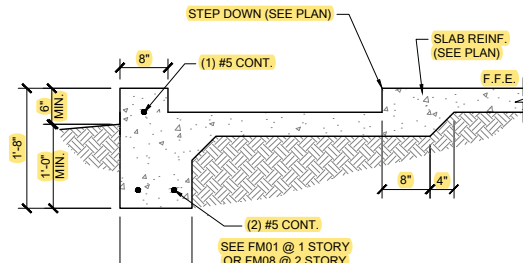
FM10 INTERIOR BEARING WALL
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



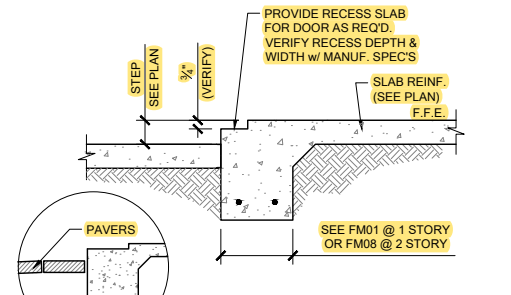
FM11 STEP DOWN BEARING
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



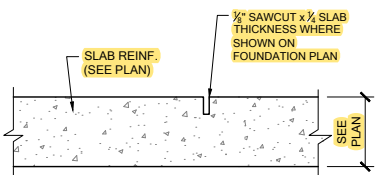
FM12 STEP DOWN @ NON BRG.
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



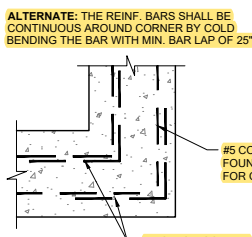
FM14 SECTION @ SHOWER
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



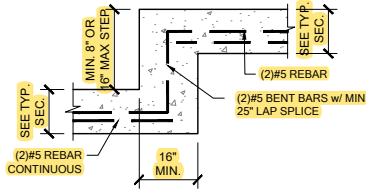
FM15 EXTERIOR BEARING @ RECESS
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



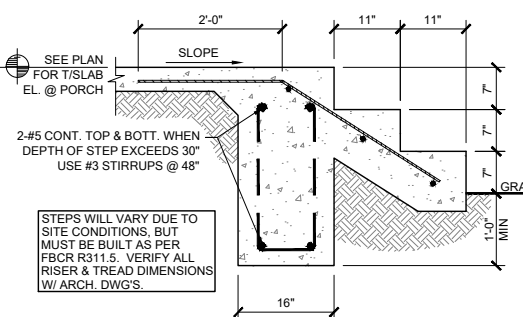
FM20 CONTROL JOINT
SCALE: N.T.S.



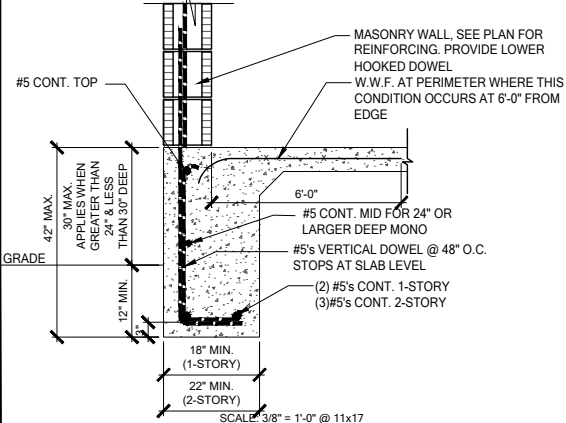
FM19 TYP. CORNER BAR DETAIL
SCALE: N.T.S.



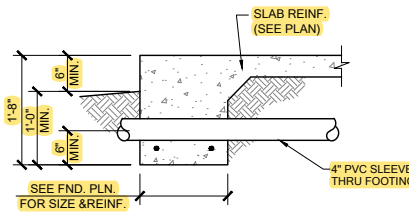
FM18 TYP. STEP FOOTING DETAIL
SCALE: N.T.S.



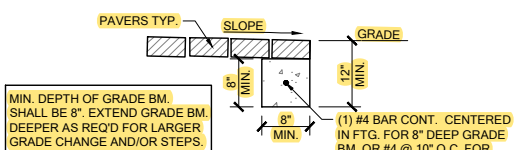
FM22 PORCH STEP
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



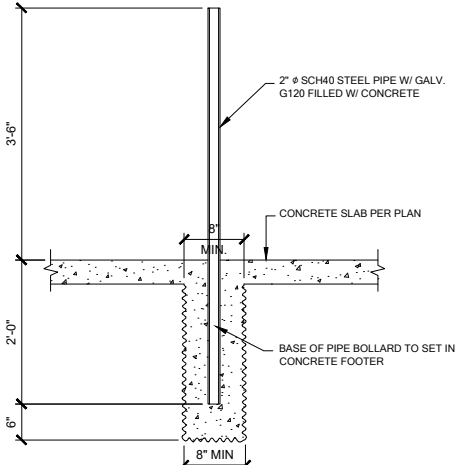
FM01.C DEEP MONO FTG.
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



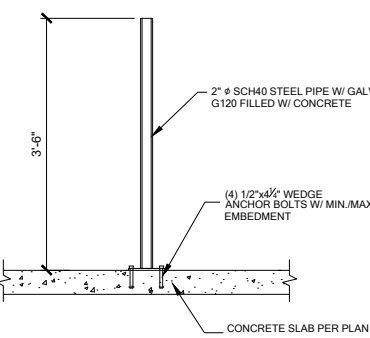
FM23 FOUNDATION PENETRATIONS, TYPICAL
SCALE: N.T.S.



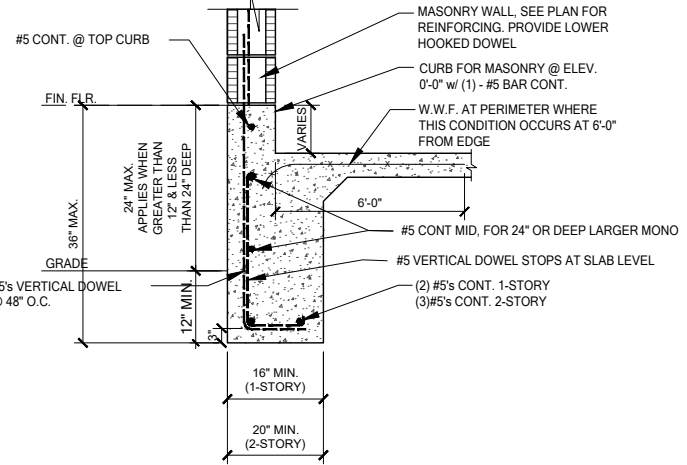
FM32 GRADE BEAM @ PAVER THRESHOLD
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



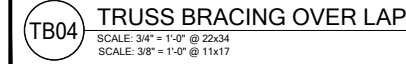
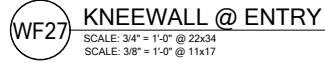
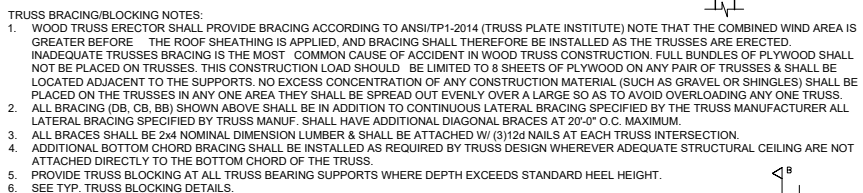
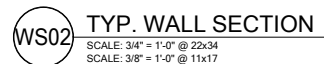
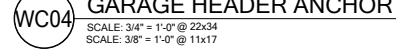
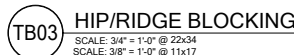
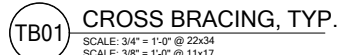
1 BOLLARD DETAIL
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

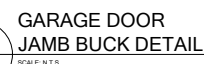
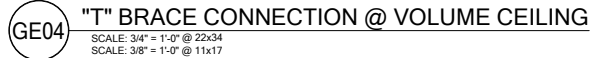
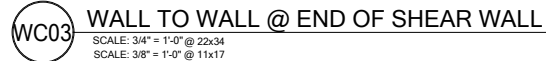
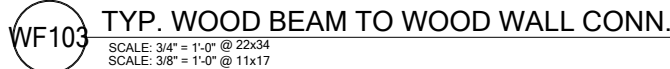
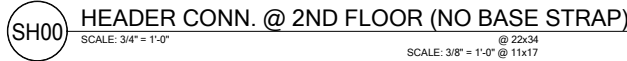


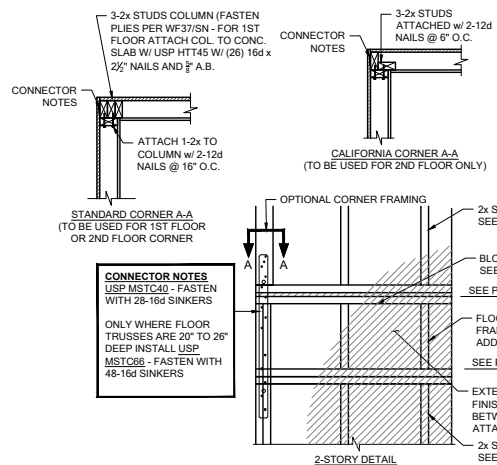
ELECTRIC WATER HEATER



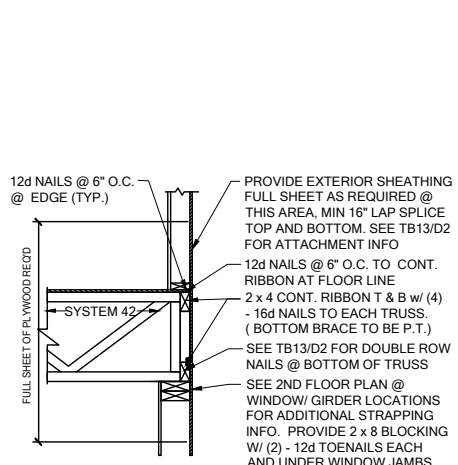
FM01.D DEEP MONO FTG. w/ CURB
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



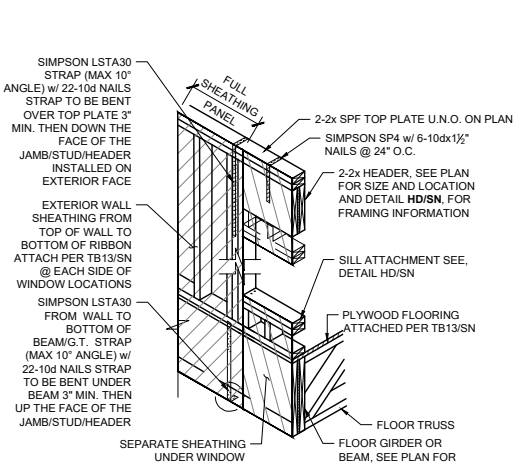




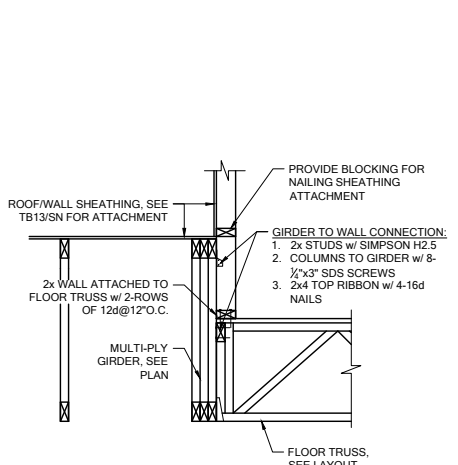
FB06 TYP. CORNER FRAMING
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



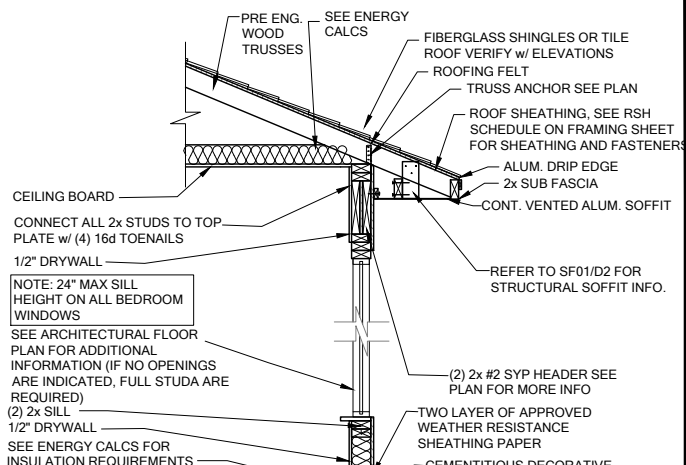
WS06 FLOOR ATTACHMENT
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



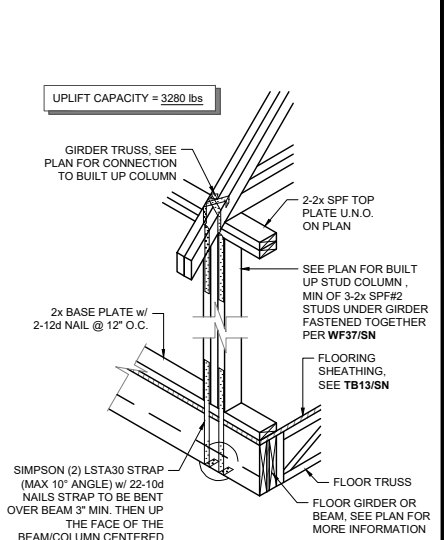
SH05 HEADER CONN. @ BEAM
SCALE: N.T.S.



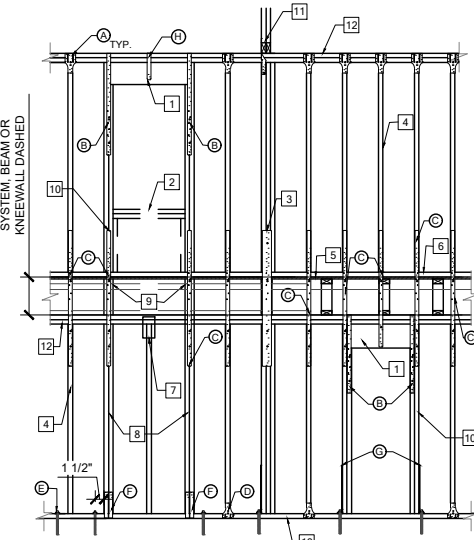
WF100 BRG. WALL OVER FLOOR SYSTEM
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



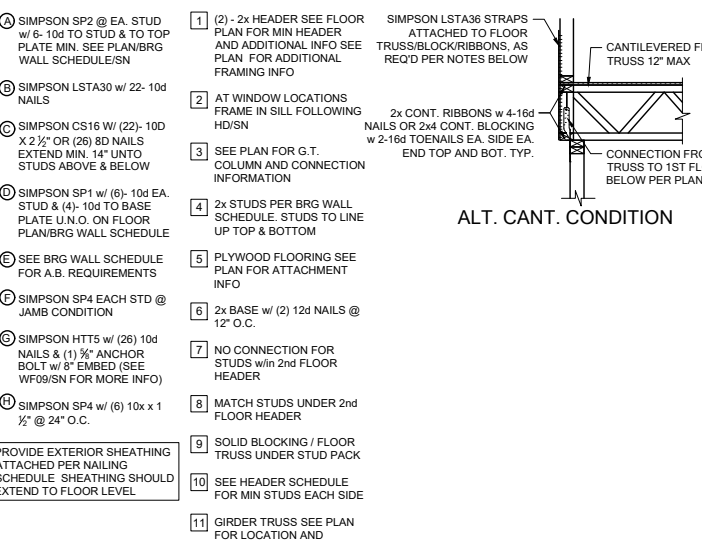
WS04 2 STORY FRAME WALL SECTION
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



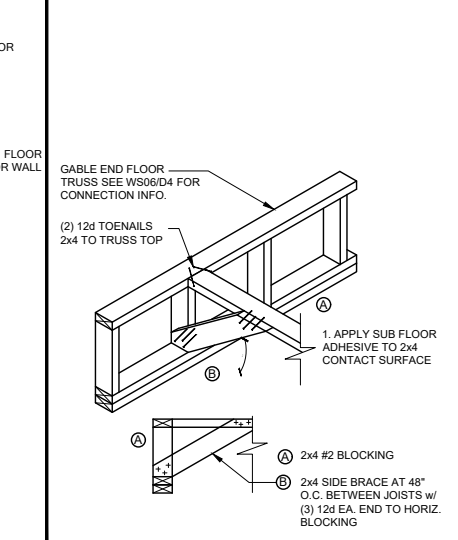
SG01 COLUMN CONN. @ BEAM
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



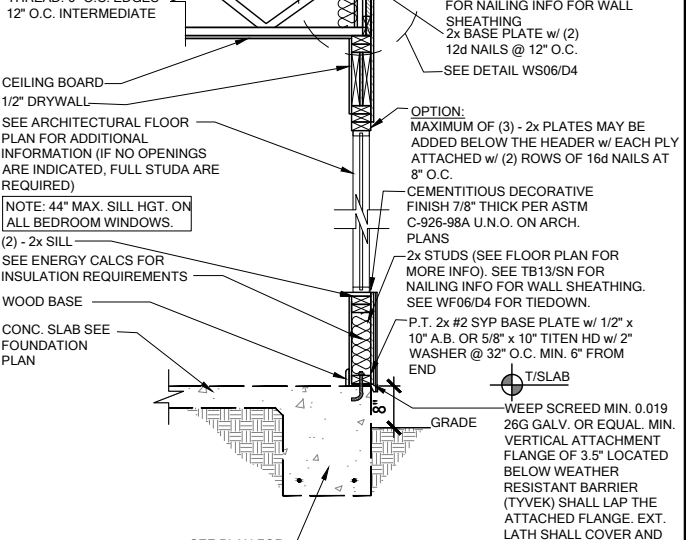
WF06 2-STORY INT. BEAR & EXT. WALL
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



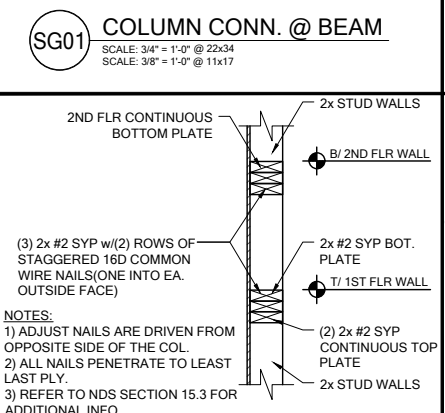
FC03 CANTILEVER FLOOR
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



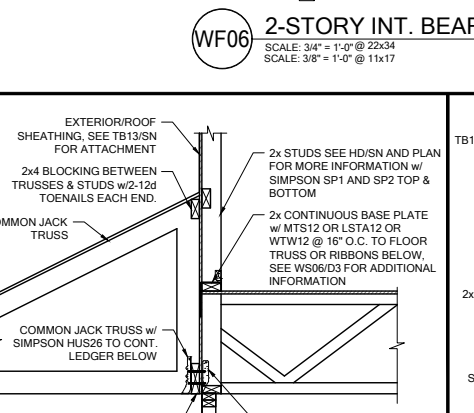
FB12 BLOCKING w/BOTTOM CHORD
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



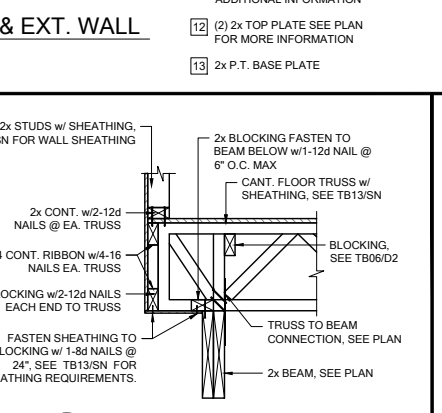
WS04 2 STORY FRAME WALL SECTION
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



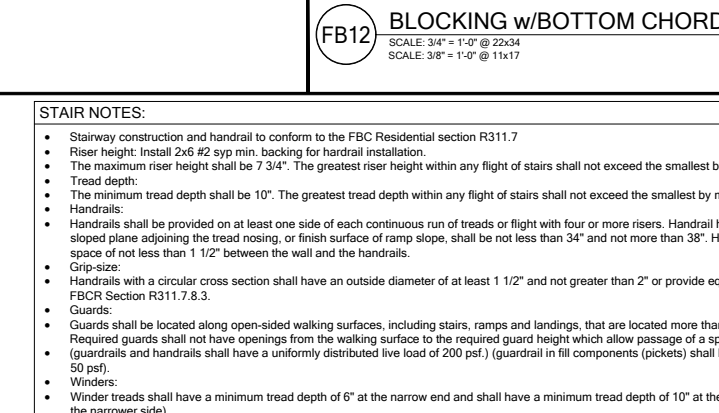
WF03 WALL SPLICE DETAILS
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



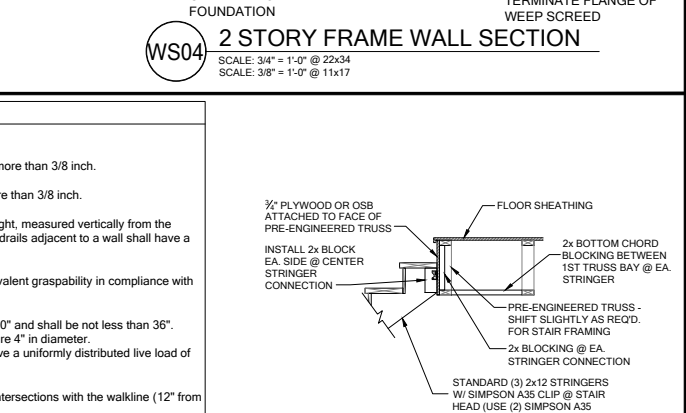
LD07 LEDGER CONNECTION
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



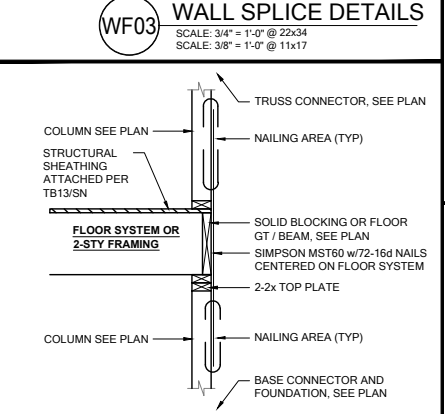
FC03 CANTILEVER FLOOR
SCALE: 3/4" = 1'-0" @ 22x34
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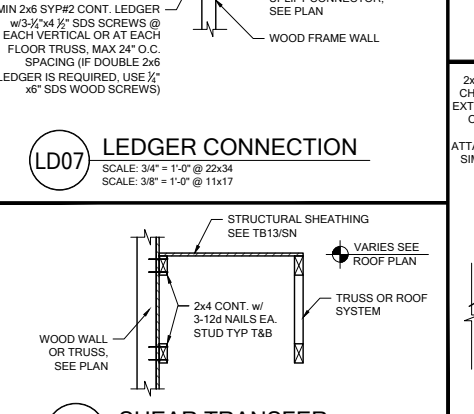
SD02 GENERAL STAIR SECTIONS & PLANS
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



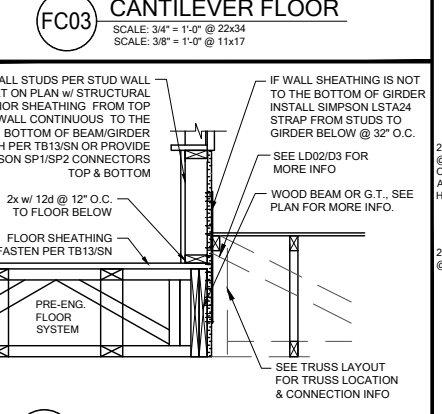
WS04 2 STORY FRAME WALL SECTION
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



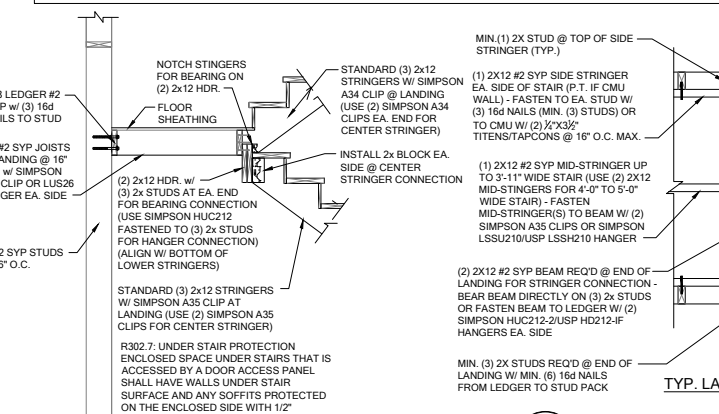
SG07 2-STORY COLUMN @ GIRDER
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



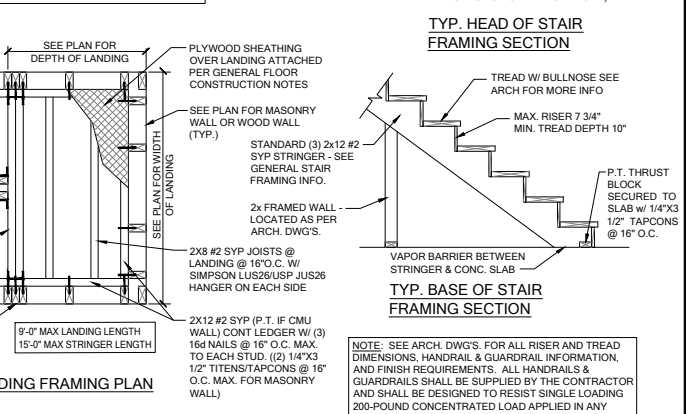
LD02 SHEAR TRANSFER
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



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



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

DATE: June 27, 2022
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Miami, FL 33136
O: 312-972-0491 F: 407-580-2344
Certificate of Authorization No. 9161
CARLA BROWN, P.E. # 55126
SCOTT A. LEWIS, P.E. # 78150

LOT 13
RESERVE @ JEWEL LAKE
160 SW BRE LANE
LAKE CITY, FL 32024

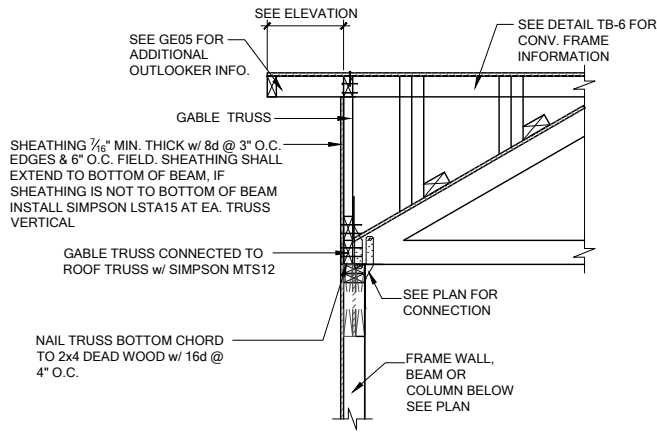
PLAN NUMBER:
33911776

RELEASE DATE:
02.22.2021

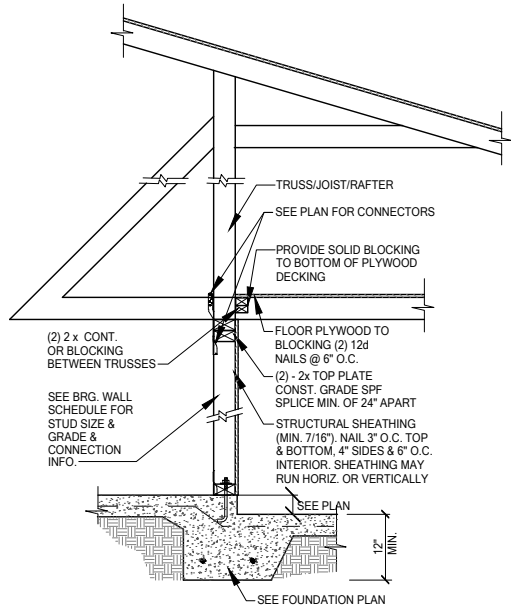
MODEL:
RADFORD

SHEET NO:
D4

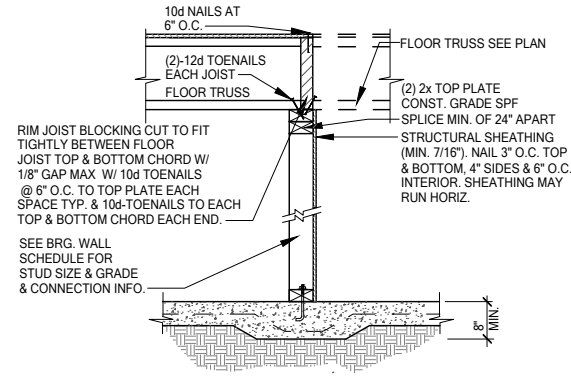
DRAWING TITLE:
FLOOR FRAMING DETAILS



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

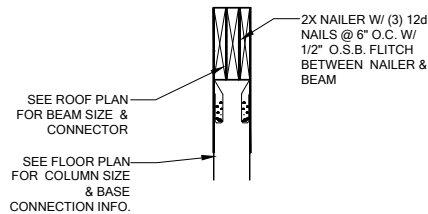


SW01 INTERIOR BEARING STEP-DOWN SHEARWALL w/UPLIFT
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

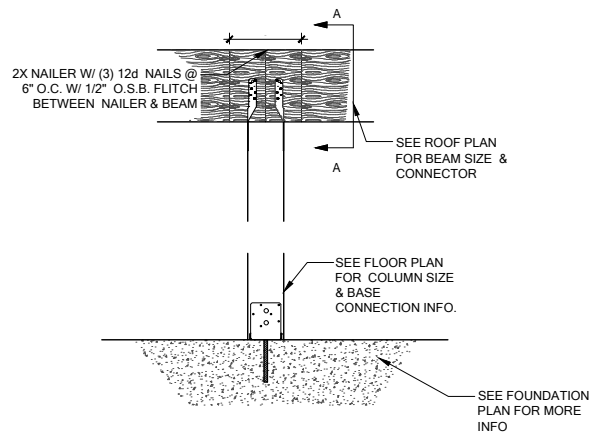


UPLIFT VALUES - (DOUBLE SIDE PLYWOOD DOUBLES VALUE BELOW)
SHEATHING I-SIDE - 860 LBS. PER TRUSS/JOIST/RAFTER

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