

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

INDEX

ARCHITECTURAL

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A2	SLAB PENETRATION PLAN
A3	FLOOR PLANS
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A5	INTERIOR DETAILS
A6	ROOF PLAN
E1	ELECTRICAL PLANS
CD	CONSTRUCTION DETAILS

area tabulation 'a'

GARAGE	451 SF
FRONT PORCH	17 SF
REAR PATIO	24 SF
FLOOR 1 LIVING	1,398 SF
TOTAL LIVING	1,398 SF

area tabulation 'b'

GARAGE	451 SF
FRONT PORCH	85 SF
REAR PATIO	24 SF
FLOOR 1 LIVING	1,398 SF
TOTAL LIVING	1,398 SF



Carlisle
37' - 1398 - LH
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

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

Signing Date: 06/27/2022

256 Southrail Lane, Suite 200
O 321.972-2491 F 407.880-2304
Certificate Of Authorization No. 9161

☐ CARLA BROWN, PE - FL #58128
☐ LUIS PABLO TORRES, PE - FL #27184

Reserve at Jewel Lake
Lot 031
452 SW Jewel Lake Drive
Lake City, FL 32024

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PLAN NUMBER:
33711398

RELEASE DATE:
01.11.2021

MODEL:
CARLISLE

DRAWING TITLE:
COVER SHEET

SHEET NO:

CS

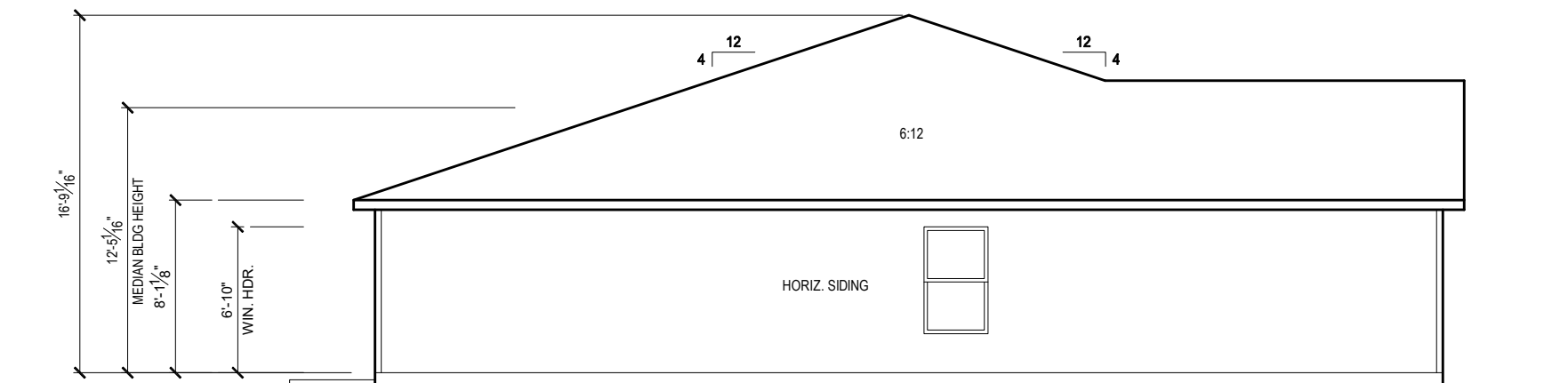
1. CORROSION RESISTANT ROOF TO WALL FLASHING AT ALL ROOF / WALL INTERSECTIONS.
2. CORROSION RESISTANT SCREEN LOUVERED VENTS, SIZE AS NOTED.
3. BRICK WAINSCOT WITH SLOPED BRICK ROWLOCK CAP.
4. STONE WAINSCOT WITH SLOPED STONE CAP.
5. 3 1/2" VINYL TRIM SURROUND
6. 36" H. GUARDRAIL AS REQUIRED



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



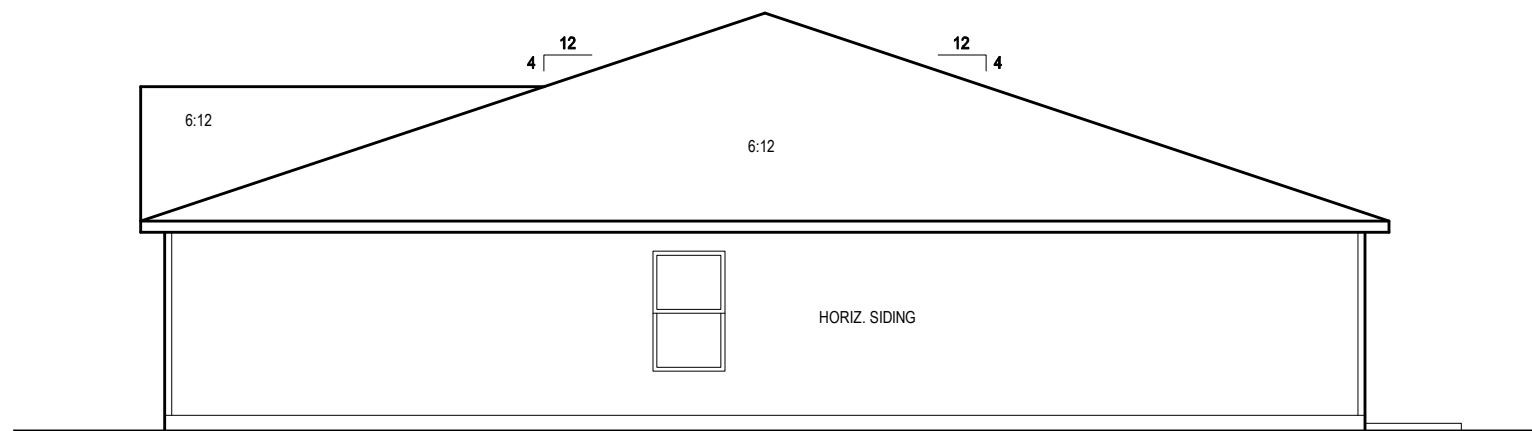
1/4" = 1'-0" @ 22x34



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



the rest of the employees involved, information, and the structural plans and specifications contained in these documents come within the CBA's definition of "confidential information." The CBA's definition of "confidential information" is broad and includes all information that is not generally known and that is not available to the public. The CBA's definition of "confidential information" is also broad and includes all information that is not generally known and that is not available to the public. The CBA's definition of "confidential information" is also broad and includes all information that is not generally known and that is not available to the public.

February 21, 2022

6-24-2022



WWW.FDSENG.COM

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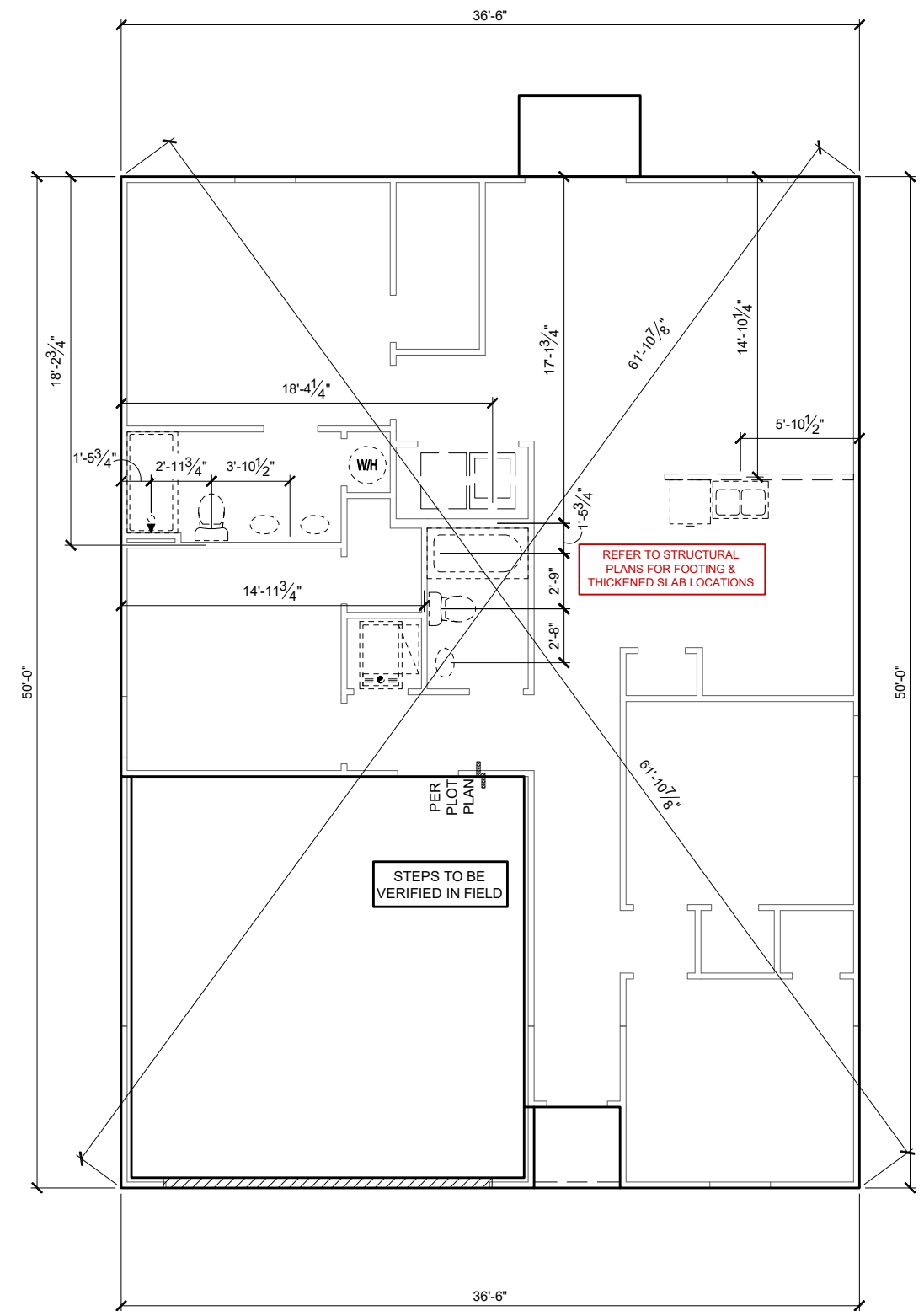
MODEL: CARLISLE

DRAWING TITLE:
EXTERIOR ELEVATIONS

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

IF SEAL AND SIGNATURE ARE NOT BLANK OR CAN NOT BE
SMUDGED CONTACT THE DOJ FOR WITHDRAWAL.

6-24-2022



serve at Jewel Lake
031
t SW Jewel Lake Drive
e City, FL 32024

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33711398
RELEASE DATE:
01.11.2021

CARLISLE

DRAWING TITLE:
SLAB PENETRATIONS 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	451 SF
FRONT PORCH	17 SF
REAR PATIO	24 SF
FLOOR 1 LIVING	1,398 SF
TOTAL LIVING	1,398 SF

The first floor plan 'A' shows a house with a total living area of 1,398 SF. The layout includes a large garage (451 SF) at the rear, a front porch, and a rear patio. The main living area consists of a great room (8' clg), dining room (8' clg), kitchen, and a family room (br 2, 8' clg). There are four bedrooms (br 1, br 2, br 3, br 4) and two bathrooms (ba 1, ba 2). The plan also shows a laundry room (lau), a linen closet (linen), a closet (wic), and a walk-in closet (wic). The kitchen features a pantry, a double oven, and a refrigerator. The great room has a fireplace and a large window. The dining room has a chandelier and a large window. The family room has a fireplace and a large window. The bedrooms have various closet options. The bathrooms are equipped with showers and tubs. The plan includes numerous dimensions for rooms and overall sections, as well as structural details like doors, windows, and egress points.

FIRST FLOOR PLAN 'A'

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

CENTURY
Complete

February 21, 2022

REVISIONS

6-24-2022

FDS

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MODEL: CARLISLE
DRAWING TITLE: FIRST FLOOR PLAN
SHEET NO: 3.1-A

PLAN NUMBER: 33711398
RELEASE DATE: 01.11.2021

ATTIC VENT CALCULATION

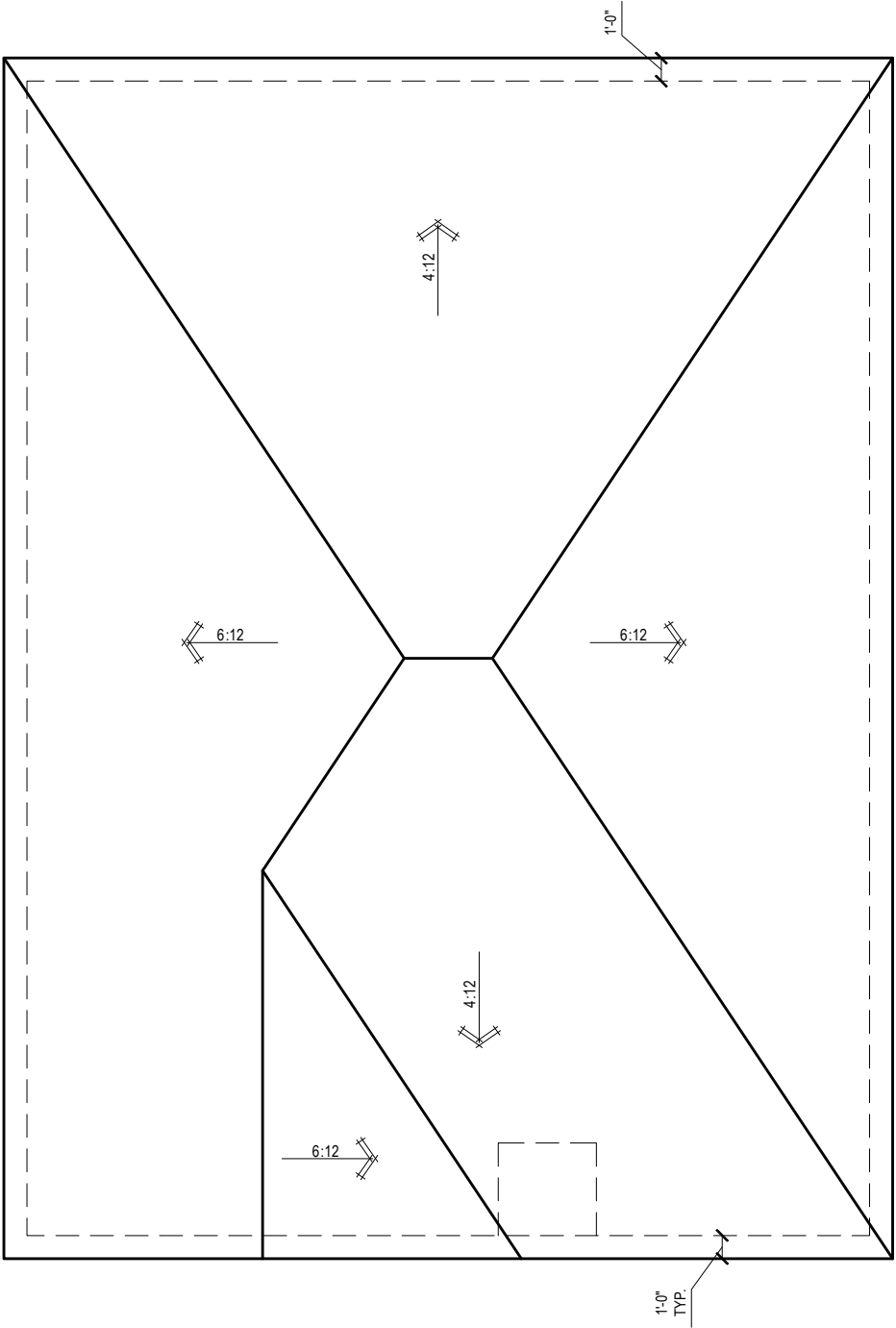
ATTIC VENTILATION TO COMPLY w/ F.B.C RESIDENTIAL CODE. THE REQUIRED NET FREE VENTILATING AREA OF NOT LESS THAN 1/150 OF THE SPACE VENTILATED. AREA MAY BE REDUCED TO 1/300 PROVIDED THAT 40 TO 50 PERCENT OF THE REQ'D VENTILATING AREA IS PROVIDED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 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	2,002 SF			
TOTAL NET FREE AREA REQ'D (1 TO 300)	961.0 SQ. IN.			
MAIN HOUSE INLET (SOFFIT) VENTILATION	96.0 LF x	6.4 SQ. IN / LINEAR FT =	614.4 SQ. IN.	
POD VENT(S) REQUIRED WITH BASE HOUSE	7	VENTS AT 70.0 SQ. IN EA. =	490.0 SQ. IN.	
LOWER VENTING PROVIDED (480.5 SQ. IN. REQ'D)	614.4 SQ. IN	55.6%		
UPPER VENTING PROVIDED (480.5 SQ. IN. REQ'D)	490.0 SQ. IN	44.4%		

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:
CARLISLE

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

○

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 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

The diagram is a first-floor electrical plan for a house. It shows the layout of rooms and the placement of electrical components. Key rooms include the owner's suite, dining area, great room, kitchen, three bedrooms (br 2, br 3, br 4), two bathrooms (ba 1, ba 2), a laundry room (lau), a garage, a foyer, and a porch. The plan includes various electrical symbols: switches (circles with 'S'), outlets (circles with 'O'), lights (circles with 'H' or 'LED'), and panels (circles with 'E1' through 'E6'). Dimensions are provided for several areas, such as 4'-4" for the dining area, 6'-0" for the great room, and 5'-0" for the kitchen. Notes include '12' MAX BETWEEN RECEPTACLE OUTLETS - TYP. IN HABITABLE ROOMS' and '6'-0" MAX. - TYP.' for the owner's suite. The plan also shows a patio area and a porch with a vapor-protected (VP) outlet. Electrical paths are indicated by dashed lines connecting the components.

FIRST FLOOR ELECTRICAL PLAN 'A'

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

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

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RELEASE DATE:
01.11.2021

MODEL:
CARLISLE

DRAWING TITLE:
FIRST FLOOR ELECTRICAL

SHEET NO:

E1.1

[illegible]

A.B.	Anchor Bolt	F.R. Sys.	Floor System	PSF	Pounds per square foot
Ab.	Above	F.O.M.	Face Of Masonry	P.T.	Pressure Treat
Adj.	Adjustable	Ft.	Foot / Feet	Rad.	Radius
A.F.F.	Above Finished Floor	Ftg.	Footing	Req'd	Required
ALT.	Alternate	Galv.	Galvanized	Rm.	Room
Bm.	Beam	G.C.	General Contractor	Rnd.	Round
B/Brg	Bottom of Beam	G.F.I.	Ground Fault Interrupter	S.F.	Square Ft.
Brg	Bearing	G.T.	Girder Truss	SHT	Sheet
Cant.	Can'tilever	Hdr.	Header	S.L.	Side Lights
Cir.	Circle	Hgt.	Height	S.P.F.	Spruce Pine Fir
Clg.	Ceiling	Int.	Interior	Sq.	Square
CJ	Control Joint	KWall	Kneewall	S.Y.P.	Southern Yellow Pine
Col.	Column	L.F.	Linear Ft.	Thk'n.	Thicken
Cont.	Continuous	Mas.	Masonry	T.O.B.	Top of Block
Dbl.	Double	Max	Maximum	T.O.M.	Top of Masonry
Dia.	Diameter	Min	Minimum	T.O.P.	Top of Plate
Ea.	Each	M.L.	Microclam	Trans.	Transom Window
E.W.	Each Way	Mir.	Mirror	Typ.	Typical
Elec.	Electrical	Mono	Monolithic	U.N.O.	Unless Noted Otherwise
Elev.	Elevation	N.T.S.	Not to Scale	Vert.	Vertical
E.O.R	Engineering or Record	O.C.	On center	V.L.	Versalam
Ext.	Exterior	Op'ng	Opening	VTR	Vent through Roof
Exp.	Expansion	Opt.	Optional	W	Washer
F.B.C.	Florida Bldg. Code	Pc.	Piece	W/	With
Fin. Flr.	Finished Floor	P.L.	Parallam	W.A.	Wedge Anchor
Flr.	Floor	PLF	Pounds per linear foot	Wd	Wood
Fdn.	Foundation	Plt. Ht.	Plate Height	WP	Water Proof

YEARLY MAINTENANCE AND INSPECTIONS BY THE BUILDER/HOMEOWNER ARE NECESSARY FOR THE FUTURE LIFE OF THIS HOME. CARE MUST BE TAKEN TO CHECK WINDOWS AND DOORS FOR CAULKING, REMOVE LEAVES AND DEBRIS OFF ROOFS, MAKE SURE THAT WATER FLOW IS AWAY FROM THE HOUSE. WE HAVE NO HOME REPAIRS DONE EVERY 3-5 YEARS TO PROTECT THE COATINGS. THE DESIGNER AND ENGINEER OF RECORD ARE NOT RESPONSIBLE FOR THE UPKEEP OF THE HOME AND WILL NOT BE HELD LIABLE FOR INSTANCES THAT MAY OCCUR OVER THE NORMAL LIFE OF THE HOME WITHOUT PROPER MAINTENANCE.

1. MISSED "J" BOLTS FOR WOOD BEARING WALLS MAY BE SUBSTITUTED WITH 1/2" DIA. EPOXY ANCHORS WITH 7" EMBEDMENT. SIMPSON SET EPOXY ADHESIVE DIRECT FOLLOWING ALL MANUFACTURER'S RECOMMENDATIONS OR SIMPSON 1/2" TITEN HO BOLTS WITH MINIMUM 7" EMBEDMENT. SEE PLAN FOR EMBEDMENT DEPTH AT FLOOR STEPS.
2. FOR EXISTING DECK, DRILL DOWN TO HOLE #6 DEEP AT THE LOCATION OF THE OMITTED REBAR AND INSTALL A 32" LONG #5 BAR INTO THE EPOXY FILLED HOLE. USE A TWO PART EMBEDMENT EPOXY (SIMPSON HIGH STRENGTH EPOXY-TIE ANCHORING ADHESIVE) MIXED PER THE MANUFACTURER'S INSTRUCTIONS. ASSURE THAT ALL DUST AND DEBRIS FROM DRILLING ARE REMOVED FROM THE HOLE BY BRUSHING AND USING COMPRESSED AIR PRIOR TO APPLYING THE EPOXY. ALLOW THE EPOXY TO CURE TO THE MANUFACTURER'S SPECIFICATIONS, THEN FILL THE CELL IN THE REBAR WITH EPOXY.
3. FOR MORTAR JOINTS LESS THAN 1/4", PROVIDE (1) #5 VERT. IN CONC. FILLING CELL EACH SIDE OF THE JOINT (BAR DOES NOT HAVE TO BE CONT. TO FOOTING).
4. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED WITH (1) SIMPSON MTS#56 TWIST STRAP W/ 4" X 26" HOLE TITENS TO MOUNT AND (1) 104 NAIL TO BESS FOR LIFTS LESS THAN 800 LBS. USE (2) MTS#46 F/ 16" LIFTS LESS THAN 1600 LBS. IF 2" X 26" STRAP IS MISSED, CONTACT EOR TO INSTALL (2) SIMPSON HGAM10 W/ (4) 1/4" x 1 1/2" SDS SCREWS AND (4) 1/2" x 1 1/4" TITENS ONE EACH SIDE OF TRUSS. NO MORE THAN 10 STRAPS MAY BE SUBSTITUTED OR NO MORE THAN 3 IN A ROW WITHOUT APPROVAL FROM EOR. IF GIRDER TRUSS CONNECTIONS ARE MISSED, CONTACT THE EOR FOR SUBSTITUTION.
5. IF ANY OF THE EOR AND EOR 2ND FLOOR JAMB SET CONNECTION CONNECTION. CONTRACTOR MAY INSTALL SIMPSON HTN 5 (26" 16x1 1/2" TWIST) NAILS AND 5/8" ANCHOR BOLT SET IN SIMPSON HIGH STRENGTH EPOXY W/ MIN 6" EMBEDMENT AND MIN 3" EDGE DISTANCE. CONTACT EOR IF STRAPS ARE MISSED UNDER GIRDER JAMB SET CONNECTIONS.

*TL MAX 2" UP TO 40FT SPAN	****TL MAX 1/4" DIFFERENTIAL BETWEEN ADJACENT TRUSSES
**TL MAX 3/4"	
*** TL MAX 1/2"	

1. MULTIPLY THE ABOVE PRESSURES BY 1.67 TO GET ULTIMATE WIND PRESSURES.
 * "a" = END ZONE IS ONLY WITHIN 4'-0" OF ALL EXTERIOR BUILDING CORNERS *
 OTHERWISE PRESSURES CAN BE INTERPOLATED FOR OTHER DOOR SIZES.
 OTHERWISE USE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE AREA.
3. DESIGNATED AREAS WHERE THE ULTIMATE WIND SPEED IS 140 MPH OR GREATER AND IS CONSIDERED TO BE IN THE WIND-BOURNE DEBRIS AREA. CONTRACTOR TO PROVIDE ADDITIONAL INFO AS REQUIRED FOR PERMITTING.

S0	NOTES & SCHEDULES		
S1	FOUNDATION PLAN		
S2	ROOF FRAMING PLAN		
SN	NOTES & SCHEDULES		
D1	FOUNDATION DETAILS		
D2	FRAMING DETAILS		
D3	FRAMING DETAILS		
D4	FRAMING DETAILS		
D5	FRAMING DETAILS		

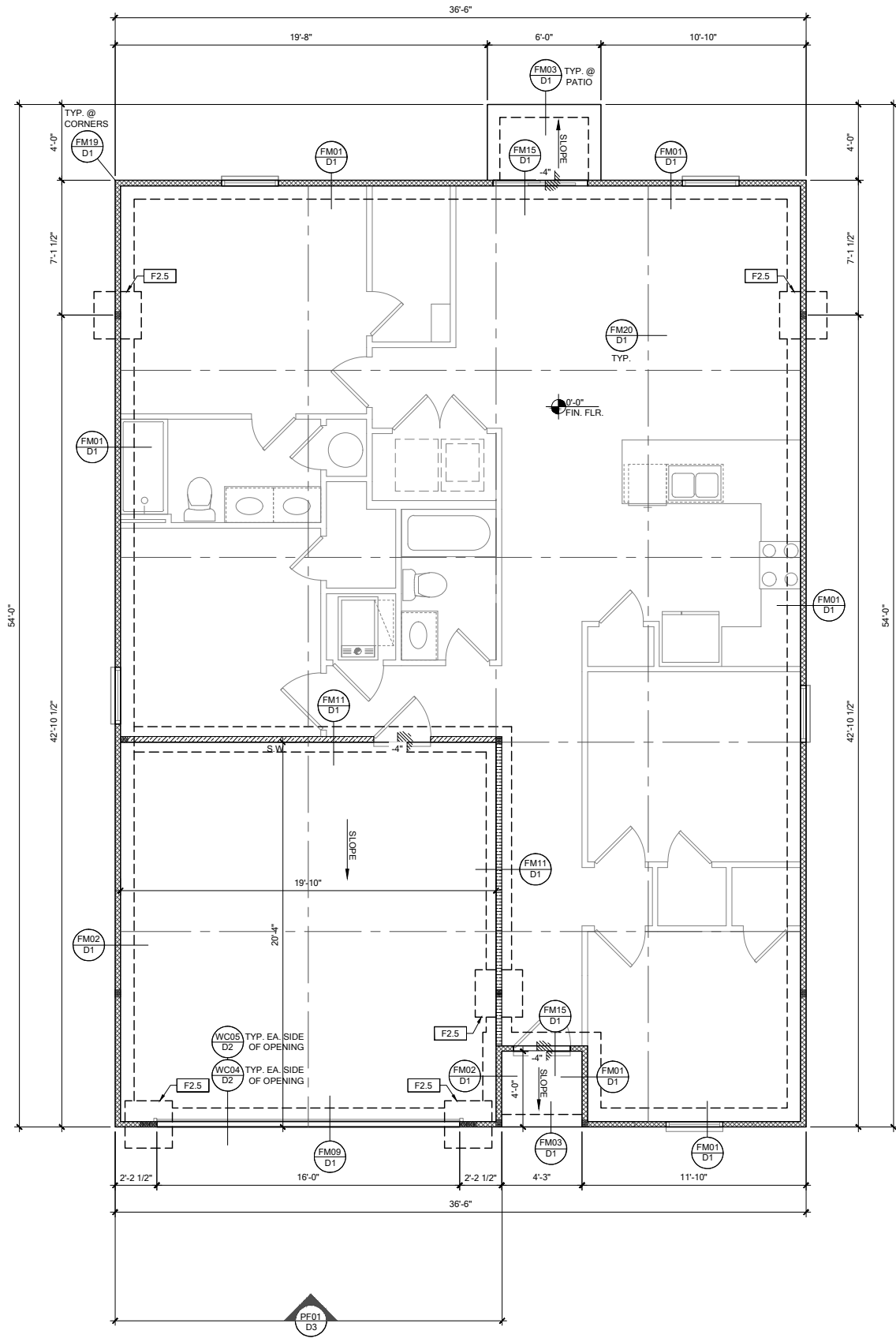
LOT 31
RESERVE @ JEWEL LAKE
452 SW JEWEL LAKE DR.
LAKE CITY, FL 32024

LEASE
TE:
3.03.2020

DRAWING
TITLE:

SHE
NO:

S0



FOUNDATION PLAN A

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

FOUNDATION LEGEND	
SYMBOL	DESIGN DESCRIPTION
	INDICATES CONCRETE FOOTING w/ MINIMUM SOIL BEARING CAPACITY OF 2000 PSF. REINFORCE PER GENERAL FOUNDATIONS SCHEDULE ON SHEET SN FOR DESIGN SPECIFICATIONS.
	INDICATES CONSTRUCTION JOINT (IF SHOWN) SHALL BE 1/2" x 1" SAW CUTS FILLED WITH APPROVED SLAB JOINT MATERIAL COVERING A 12'x12' SQUARE MAXIMUM
	INDICATES STEP IN FOUNDATION, VERIFY PER ARCHITECTURAL PLANS CONSTRUCT PER PLAN SECTION CUT AND DETAIL SHEET D1
	4" 2500 PSI CONC. SLAB W/ REINF. PER S0 w/6 MIL VISQUEEN VAPOR BARRIER & TREATED FOR TERMITES. SEE FOUNDATION SCHEDULE ON SN
	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

- GENERAL NOTES:
1. TYPICAL CORNER FRAMING PER DETAIL FM19/D1
 2. SEE ARCHITECTURAL PLANS FOR ALL SLAB STEP DEPTHS IF SHOW SHOWN WITHIN THESE DOCUMENTS.

PLAN KEY NOTES

BUILDER NOTE:
ANY DISCREPANCY OR ERROR IN DIMENSIONS OR NOTES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO COMMENCEMENT OF CONSTRUCTION

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
PROJECT: 22-0007-15

238 S. W. 1st St.
Maitland, FL 32751
O: 321-972-0481 F: 407-880-2304
Certificate of Authorization No. 9161
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LOT 31
RESERVE @ JEWEL LAKE
452 SW JEWEL LAKE DR.
LAKE CITY, FL 32024

MODEL: CARLISLE
DRAWING TITLE: FOUNDATION PLAN A & B

PLAN NUMBER: 33711398
RELEASE DATE: 08.03.2020

SHEET NO: S1

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								
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 RAILING 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: $\frac{1}{4}$ " EXP. 1 ($\frac{1}{4}$ ") or $\frac{1}{2}$ " EXP. 1 ($\frac{1}{2}$ ")

TILE: $\frac{1}{2}$ " EXP. 1 ($\frac{1}{2}$ ")

NOTE:

- PER CODE ASTM F1667 RSRS-01 REFERENCE TO 8d (2 $\frac{1}{4}$ " x 0.113") NAILS
- WHERE THE SHEATHING THICKNESS IS GREATER THAN $\frac{1}{4}$ ", SHEATHING SHALL BE FASTENED WITH ASTM F1667 RSRS-03 10d (2 $\frac{1}{2}$ " x 0.131") NAILS OR ASTM F1667 RSRS-04 (3" x .120") NAILS
- GABLES: DROP GABLE OR 100% ADDITIONAL DROPPED TRUSS 2x4 #2 SYP OUTLOOKER RAFTER W/ BLUING 6" 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
	INDICATES BEARING WALL. SEE BEARING WOOD JOIST SCHEDULE ON SN, SEE ARCHITECTURAL PLANS FOR WALL WIDTH, 2x4 MINIMUM U.O.N.
	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 RESPONSIBILITY 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

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

TO THE BEST OF THE ENGINEERS' KNOWLEDGE, INFORMATION AND BELIEF, THESE STRUCTURAL PLANS AND SPECIFICATIONS CONFORM WITH THE CURRENTLY APPLICABLE EDITIONS OF THE BUILDING CODES OF THE DISTRICT OF COLUMBIA. THE ENGINEERS' SIGNATURE AND SEAL ARE ONLY FOR THIS STRUCTURAL ENGINEERING PORTION OF THE DRAWING. ANY CHANGES, REVISIONS, ADDITIONS AND DELETIONS TO THE DRAWING ARE NOT THE RESPONSIBILITY OF THE ENGINEERS.

FDS
ENGINEERING ASSOCIATES
258 Southall Lane, Suite 200
Maitland, FL 32751
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DATE: June 27, 2022

LOT 31
RESERVE @ JEWEL LAKE
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NUMBER:
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MODEL:
CARLISLE

DRAWING
TITLE:

SHEET
NO:

S2

GENERAL FOUNDATION NOTES:

1. PROVIDE MIN 6 MIL APPROVED VAPOR BARRIER. ALL JOINTS TO BE LAPPED MIN. 6" AND SEALED.
2. 47 2500 PSI CONC. SLAB WITH 4X4W14 OVER 6 MIL VISQUEUM VAPOR BARRIER & TREATED FOR TERMITE.
3. GC/ BUILDER, SEE ARCH PLANS FOR ROUGH OPENING LOCATIONS AND ADDITIONAL INFORMATION REQD 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. CHECK SITE CONDITIONS FOR FOUNDATION HAVE TO BE STEPPED DOWN, SEE **FMB18D1** FOR ADDITIONAL INFORMATION. G.C. TO DETERMINE STEP LOCATIONS, IF REQUIRED.
6. STEEL BENDS AND LAP SPICE SEE **FMB18D1** AND **FMB19D1**. 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 ASSUMED ALLOWABLE SLAB BEARING CAPACITY. AFTER COMPACTION, 2000 PSF (SEE SOLS REPORT AND SPECIFICATIONS FOR COMPACTION REQUIREMENTS). IF SOIL CONDITIONS ON THE PROJECT DO NOT MEET OR EXCEED FACTORY OF SAFETY, 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 SOLS. COMPACTION IN 12" LIFTS AT LEAST 90% OF MAX. DRY DENSITY AS DETERMINED BY ASTM D 1557 (MODIFIED PROCTOR).
7. R. 403.14 MINIMUM DEPTH: EXTERIOR FOOTINGS SHALL BE PLACED NOT LESS THAN 12" INCHES (305mm) BELOW THE FINISHED GRADE OF GROUND SURFACE.

WOOD BEARING WALL SCHEDULE					
MARK	STUD SPACING	CONNECTION & FASTENERS		LUMBER SPECIES	UPLIFT CAP. [plf]
		TOP	BOTTOM		
[BW1]	16"	(2)16d TONENAILS	(3) 12d TONENAILS OR (2) 12d END OR BOX NAILS	#2 SPF	NO UPLIFT
[BW2]	16"	SP2 w/ (6)10d NAILS	SP1 w/ (6) 10d NAILS & ANCHOR BOLTS	#2 SPF	402
[BW3]	16"	(2) SP2 w/ (6) 10d NAILS	(2) SP1 w/ (6) 10d NAILS & ANCHOR BOLTS	#2 SPF	804
[BW4]	16"	(2)16d TONENAILS	(3) 12d TONENAILS OR (2) 12d END OR BOX NAILS	#2 SYP	NO UPLIFT
[BW5]	16"	SP2 w/ (6) 10d NAILS	SP1 w/ (6) 10d NAILS & ANCHOR BOLTS	#2 SYP	439
[BW6]	16"	(2) SP2 w/ (6)10d NAILS	(2) SP1 w/ (6) 10d NAILS & ANCHOR BOLTS	#2 SYP	878
[BW7]	12"	(2)16d TONENAILS	(3) 12d TONENAILS OR (2) 12d END OR BOX NAILS	#2 SPF	NO UPLIFT
[BW8]	12"	SP2 w/ (6)10d NAILS	SP1 w/ (6) 10d NAILS & ANCHOR BOLTS	#2 SPF	535
[BW9]	12"	(2) SP2 w/ (6)10d NAILS	(2) SP1 w/ (6) 10d NAILS & ANCHOR BOLTS	#2 SPF	1070
[BW10]	12"	(2)16d TONENAILS	(3) 12d TONENAILS OR (2) 12d END OR BOX NAILS	#2 SYP	NO UPLIFT
[BW11]	12"	SP2 w/ (6)10d NAILS	SP1 w/ (6) 10d NAILS & ANCHOR BOLTS	#2 SYP	585
[BW12]	12"	(2) SP2 w/ (6)10d NAILS	(2) SP1 w/ (6) 10d NAILS & ANCHOR BOLTS	#2 SYP	1170

SIMPSON SP1 / USP SP1T2 **SIMPSON SP2 / USP SP2T4**

(2) 2x HEADER (10" U.D.) SEE FLOOR PLAN FOR MIN. SIZE. SEE HDN FOR CONSTRUCTION INFO. IF BEARING IS WITHIN A WALL, NO UPLIFT AS INDICATED IN THE WOOD BEARING SCHEDULE. THE CONNECTORS INDICATED IN WF09 & HD CAN BE IGNORED.

2x TOP PLATE SEE WF175N FOR ADDITIONAL INFO

2x MID-SPAN BLOCKING w/ (2) 12x TOENAIL @ EA. END ONLY FOR WALLS taller THAN 8'.

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 12" TYPICAL IF 4" 1/2" MIN. EMBEDMENT IF AT STEP. 7" MIN PAST LOWER SLAB, ONLY IF INDICATED WOOD BEARING WALL SHEAR WALL. SEE PLAN FOR BEARING WALL /

2x STUDS w/ NO UPLIFT. SEE CHART ABOVE FOR O.C. SPACING AND PLAN FOR LOCATION AND WALL SIZE. ATTACH STUDS T&B 2" GUT NAILS

SEE FOUNDATION FOR FOOTING TYPE & SIZE

BEARING WALL DETAIL

SCALE: NONE

HEADER SCHEDULE		
MARK	HEADER SIZE	
H1	(2) 2x6 R2 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 CONNECTIONS U.N.O. ON PLAN.
H2	(2) 2x6 R2 SYP w/ 7/16" FLUTCH PLATE	1. IF HEADER IS ON THE 2ND FLOOR SEE PLAN FOR INDICATED HEADER CONNECTION FOR REQUIRED CONNECTIONS.
H3	(2) 2x10 R2 SYP w/ 7/16" FLUTCH PLATE	4. ALL HEADER JACK AND KING STUDS SHALL BE FASTENED TO EACH PER DETAIL W3/75/78.
H4	(2) 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 2x12 OR 3x12 S.DS
H5	(2) 2x12 R2 SYP w/ 1" FLUTCH PLATE	6. FASTEN ALL HEADERS AT KING STUDS AT (3) 10d TOENAILS PER SIDE.
H6	(1) 3/4" x 11 1/4" LVL 2.0E FB=2600	7. IF HEADER IS NOT SPECIFIED CONTACT E.O.R.
H7	(3) 2x10 R2 SYP w/ 1" FLUTCH PLATE	8. ALL LVLS MAY BE SUBSTITUTED WITH POWER BEAM GLEULAM F3000 E=2.1 F=3v000 EQUAL TO SIZE OF LVL.
H8	(2) 3/4" x 7 1/4" LVL 2.0E FB=2600	

CALLER OUT ON PLAN.				
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" - 9'-11"	(2)	(3)	(2)	(4)
10'-0" - 16'-0"	(3)	(4)	(3)	

2x CRIPPLE STUDS @ 16" O.C. w/ (1) SIMPSON SP2 CONNECTOR @ TOP AND BOTTOM. (2) 2x CRIPPLE STUDS BELOW ANY GIRDER TRUSS OR GIRDER TRUSS HEADER. CONNECT G.I. 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 WINDOW) WRAP OVER TOP PLATE AS REQ'D.

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.

UP-SET HEADER (OPT) WINDOW OPENING (SEE ARCH) DOOR OPENING (SEE ARCH) SILL PLATE (SEE NOTE #1)

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. EPOKIED W/ MIN. EMBEDMENT (MIN) BASE SECTION AT EACH SIDE U.N.O. ON PLANS (IF AT STEP, 6" MIN. EMBEDMENT PAST LOWER SLAB)

CROSS REFERENCE CHART

SIMPSON - CONNECTOR SCHEDULE					
MARK	TYPE	CONNECTOR & FASTENERS	SPF	SYP	
(S)	FRAME TO FRAME	H2 54 w/ (10)8d NAILS	615	700	
(C)	FRAME TO FRAME	H104 w/18"10d x 1 1/2"	1015	1040	
(D)	FRAME TO FRAME	H104-2 w/18"10d x 1 1/2 AT 2 PLY TRUSSES	930	1080	
(E)	FRAME TO FRAME	MT512 w/16"10d x 1 1/2 AT EXTERIOR LOCATION INCLUDE (3)12d TENOALS	850	990	
(F)	FRAME TO FRAME	HTS20 w/16"10d x 1 1/2 AT EXTERIOR LOCATION INCLUDE (3)12d TENOALS	1215	1415	
(G)	FRAME TO FRAME	(2) HTSG-3 w/36"10d x 1 1/2 AT EXTERIOR LOCATION INCLUDE (6)12d TENOALS	2430	2830	
(J2)	MASONRY / FRAME	(2) L2T2 w/ (2) 16d SINNKERS & (14) 1 1/4" x 2 1/4" TITEN TURBO (2 PLY TRUSS) OR (2) 16d SINNKERS FOR FRAME (EA)	3500-M 3510-F	4060-M 4080-F	
(L)	FRAME TO MASONRY / FRAME	L2T2 w/ (24) 1 1/4" x 3" SDS SCREWS & (8) 3/8" x 3" TITEN Z PLY TRUSS OR (2) 16d SINNKERS FOR FRAME (EA)	4730-M 5010-F	4800-F 5960-F	
(K)	BEAM TO BEAM	HU410 OPT HU410 w/ (18) 16d & (10) 10d NAILS	GK2800 UW1635	GK2350 UW1795	
(M)	BEAM TO MASONRY / FRAME	HU46 OPT HU46C w/ (6) 10d NAILS & (12) 1 1/4" x 2 1/4" TITEN TURBO (2 PLY TRUSS) OR (12) 16d & (6) 10d FOR FRAME (EA)	GP2165 UW1135	GP4300 UW1355	
(N)	FRAME TO FRAME	H105 w/ (24) 10d x 1 1/2 NAILS	785	910	
(X)	FRAME TO FRAME	VGT w/ (14) 1/4"x3" SDS WOOD SCREWS & H4R-SDS2-5 w/ (10) 1/4"x2 WDS WOOD SCREWS & A.T.U. (1) 5/8" x 3"	3555	4940	
(Y)	FRAME TO FRAME	(2) HTW512 w/ (32) 16x2 1/2" NAILS & (2) 5/8" x 4" H.D.S. (SEE NOTE #A)	8750	10180	

GENERAL NOTES:

1. CONNECT ALL FLOOR TRUSSES TO INTERIOR BEARING WALL WALLS / BEAMS / TENSILS.
2. ALL TRUSS TO TRUSS CONNECTIONS ARE PROVIDED BY TRUSS MANUFACTURER'S PLAN.
3. G.C. MAY USE EITHER SIMPSON OR USP CONNECTIONS, SEE FRAMING PLAN FOR CONNECTION CALL OUT.
4. FOR SINGLE RPLY TRUSSES, SCAB ON FULL HEIGHT SPLY 2×4 TO TRUSS VERGERS @ 2' ROWS OF 10' MAX. 2×6 G.C. STAGGERED.
5. MINIMUM A.T.R. EMBEDMENT: 5" EMBEDMENT FOR $1/2" \text{ A.T.R.}$ 6" EMBEDMENT FOR $3/4" \text{ A.T.R.}$ 8" EMBEDMENT FOR $1" \text{ A.T.R.}$ (8" EMBEDMENT FROM LOWER SLAB).
- (A) MINIMAL CONNECTOR UNO ON FRAMING PLAN
7. MINIMAL CONNECTOR FOR ALL ROOF / FLOOR TRUSSES TO MASONRY WALLS / TENSILS UNO ON PLAN
8. CONNECTION AT $24" \text{ OR } 32" \text{ G.C.}$ PENDING VERTICALLY FOR ALL FLOOR TRUSSES TO MASONRY WALLS SEE DETAIL FB12103 FOR MORE INFORMATION
9. CONNECTION FOR ALL HALF JACK (CORNER JACK) TO MASONRY WALLS / SIFC WALLS TO MASONRY WALL AT ALL CONTINUOUS RIM BOARD TO TOP OF MASONRY AT $24"$ AT EACH CORNER. G.C. TO VERIFY LOCATION DOES NOT CONFLICT WITH I/F (IF APPLICABLE) LAYOUT
10. CONNECT ALL FLOOR TRUSSES TO INTERIOR BEARING WALL / BEAMS / TENSILS
- (B) MINIMAL CONNECTOR UNO ON FRAMING PLAN
11. CONNECTION FOR JACK TRUSS TO FLOOR 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

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/ $\frac{1}{2}$ " ATR & (8) $\frac{1}{4}$ " x 1 $\frac{1}{2}$ " SDS SCREWS	1835
C3	(3) 2x #2 SYP	(4)12d TOENAILS	NO UPLIFT
C4	(3) 2x #2 SYP	DTT22 w/ $\frac{1}{2}$ " ATR & (8) $\frac{1}{4}$ " x 1 $\frac{1}{2}$ " SDS SCREWS	1835
C5	4x4 P.T.#2 SYP POST	ABU44 w/ $\frac{1}{2}$ " ATR & (12)16d NAILS FIRST/SECOND FLOOR CONNN.	G = 6665 U = 1782
C6	6x6 P.T.#2 SYP POST	ABU66 w/ $\frac{1}{2}$ " ATR & (12)16d NAILS FIRST/SECOND FLOOR CONNN.	G = 12000 U = 2070
C7	8x8 P.T.#2 SYP POST	ABU88 w/ (2) $\frac{1}{2}$ " ATR & (18)16d FIRST/SECOND FLOOR CONNN.	G = 24335 U = 2088
C8	3.5" x 3.5" P.L. 1.8E Fb=2400 PSI (WOLMANIZED EXT.)	HDU5-SDS2.5 w/ $\frac{1}{4}$ " ATR AND (14) $\frac{1}{4}$ "x2 $\frac{1}{2}$ " SDS WOOD SCREWS	5080
C9	5.25" x 5.25" P.L. 1.8E Fb=2400 PSI (WOLMANIZED EXT.)	HDU5-SDS2.5 w/ $\frac{1}{4}$ " ATR AND (14) $\frac{1}{4}$ "x2 $\frac{1}{2}$ " SDS WOOD SCREWS	5080
C10	3.5" x 7" P.L. 1.8E Fb=2400 PSI (WOLMANIZED EXT.)	HDU8-SDS2.5 w/ $\frac{1}{4}$ " ATR AND (20) $\frac{1}{4}$ "x2 $\frac{1}{2}$ " SDS WOOD SCREWS	6372
C11	5.25" x 5.25" P.L. 1.8E Fb=2400 PSI (WOLMANIZED EXT.)	HDU8-SDS2.5 w/ $\frac{1}{4}$ " ATR AND (20) $\frac{1}{4}$ "x2 $\frac{1}{2}$ " SDS WOOD SCREWS	7082
C12	5.25" x 5.25" P.L. 1.8E Fb=2400 PSI (WOLMANIZED EXT.)	HDU8-SDS2.5 w/ $\frac{1}{4}$ " ATR AND (20) $\frac{1}{4}$ "x2 $\frac{1}{2}$ " SDS WOOD SCREWS	7082
C13	5.25" x 7" P.L. 1.8E Fb=2400 PSI (WOLMANIZED EXT.)	HDU8-SDS2.5 w/ $\frac{1}{4}$ " ATR AND (20) $\frac{1}{4}$ "x2 $\frac{1}{2}$ " SDS WOOD SCREWS	7082

GENERAL BEARING PLATE 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 24 STUDS USED UNO.
3. ALL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE LUMBER CONNECTIONS AND CONTACT E OR IF SP#4, SP#6 OR SP#8 CONNECTORS ARE SUBSTITUTED, TO VERIFY THEY MEET THE STRUCTURAL REQUIREMENTS.
4. IF "BW" IS INDICATED ON SECOND FLOOR BASE CONNECTION TO BE IGNORED FOR 1ST FLOOR AND FLOOR TO FLOOR DETAIL FOR PROPER CONNECTIONS FOR 2ND FLOOR TO FIRST FLOOR CONNECTIONS. (NOTE: THIS IS FOR 2 STORY PROJECTS ONLY)
5. IF "SP" IS INDICATED ON PLAN THE WALL IS CONSIDERED A SHEAR WALL AND REQUIRES MIN. 7/8" GSB ON PLAYWOOD w/rd nails @ 4" O.C. IN FIELD AND EDGE TO ONE SIDE OF WALL. U.N.O. ON PLANS.
6. ALL 2X EXTERIOR WALLS W/ SHEATHING ATTACHED PER NAILING SCHEDULE THIRTEEN ACTS AS SHEAR WALLS. SEE PLAN AND WALL SECTIONS FOR STUD SPACING AND GRADE.
7. ALL TOP PLATES AND SILL PLATES SHALL BE THE SAME SPECIES AS THE WOOD STUDS.
8. 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 NAILLED TO THE PLATE AND THE 2X PLATE CAN BE ATTACHED WITH HALF LUGS AND NAILS. SEE DETAIL FOR STUDS AND NAILS. WHERE THE ANCHOR BOLT ATTACHMENT INDICATED IN THE BEARING WALL SCHEDULE.

NOTES:	SIMPSON LSTA30 / USP LSTA30
1. OPENINGS GREATER THAN 4'-0" PROVIDE (2) 2x SILL PLATE w/ A36 CLIPS EACH SIDE.	SIMPSON SP4 / USP SPT4
2. NO TOP PLATE SPLICES SHALL OCCUR OVER OR WITHIN 2 FEET OF HEADER.	SIMPSON SP6 / USP SPT6
	SIMPSON SP8 / USP SPT8
	SIMPSON HTS20 / USP HTW20
3. HOLD DOWN CONNECTIONS NOT REQUIRED AT BEARING WALLS WITHOUT UPLIFT.	SIMPSON SP2 / USP SPT2
	SIMPSON A35 / USP MPA1

HD TYPICAL FRAMING CONNECTIONS AT OPENINGS

HD SCALE: NONE

BEAM SCHEDULE

BEAM SCHEDULE		
MARK	BEAM SIZE	FASTENING SCHEDULE
◊BM1	(2) 2x8 SYP #2 w/ 7/16" OSB FLITCH PLATE	
◊BM2	(2) 2x10 SYP #2 w/ 7/16" OSB FLITCH PLATE	(2) ROWS OF 12d @ 12" O.C. TYP. EACH SIDE
◊BM3	(2) 2x12 SYP #2 w/ 7/16" OSB FLITCH 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	(2) ROWS 1/4" x 3 1/2" SDS WOOD SCREWS @ 16" O.C TYP. EACH SIDE OR (2) ROWS OF 12d NAILS @ 12" O.C. TYP. EACH SIDE
◊BM7	(3) 2x10 SYP #2 w/ 7/16" OSB FLITCH PLATES	
◊BM8	(3) 1 3/4"x9 1/4" LVL 2.0E Fb=2600	

U.N.O. ON
FRAMING PLAN

U.N.O. ON
FRAMING PLAN

SIMPSON CONNECTOR
WOOD POST: (2) 1STA OR (2) HTS20
CMLC COLUMN, (2) HETA 16

USP CONNECTOR
WOOD POST: (2) 1STA OR (2) HTV20

(3)-ROWS OF STAGGERED

EACH FACE

SIMPSON SP4 or RSP4 w/ (6) 10d x 1 1/2" AT 24" O.C. DOUBLE 2 x 4

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

DOUBLE 2 x 4
CRIPPLE STUD
TYPICAL (U.N.O.) →

GENERAL COLUMN NOTES:

1. ALL STRUCTURAL LUMBER TO BE SP#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 REQD. G.C. TO PROVIDE MOISTURE BARRIER
4. THIS IS CALLED FOR ON 2ND FLOOR. THE BASE CONNECTION IS NOT REQD. 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

2x PT BOTTOM PLATE

2x STUDS @ 24" O.C. MAX

WF18 **NON-BRG INTERIOR WALL**

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

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 GLUELAM FB3000 E=2.1 Fv=300 EQUAL TO SIZE OF LVL CALLED OUT ON PLAN.

1

2-2x4 LAMINATIONS w/ 1-ROW OF STAGGERED 10d COMMON WIRE NAILS (D = 0.148", L = 3") OR EQUAL

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

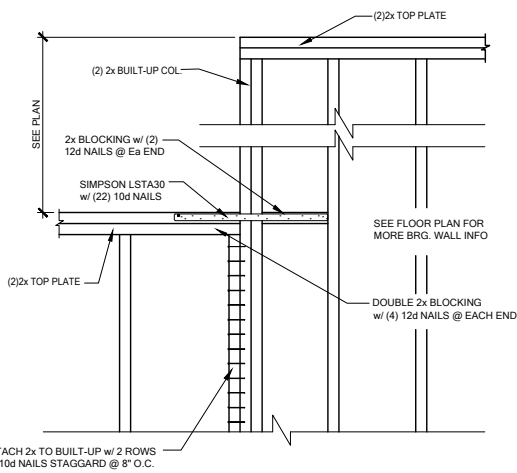
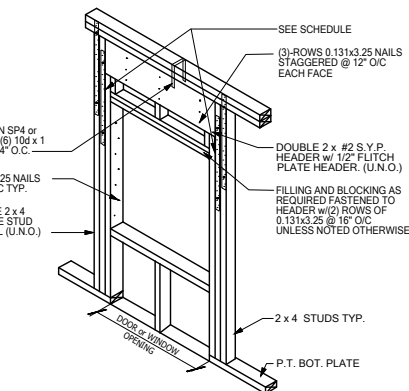
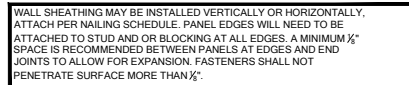
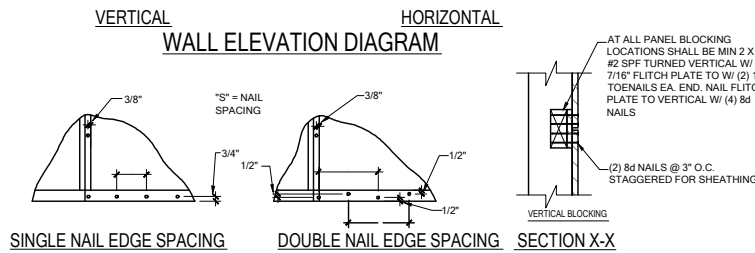
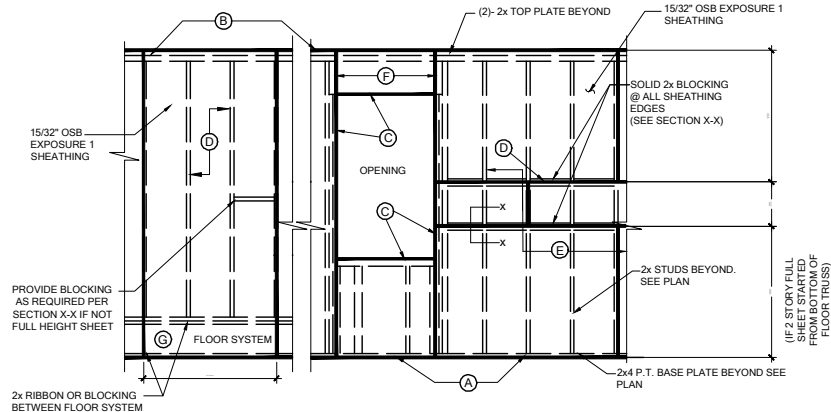
4-2x LAMINATION PROVIDE 1/2" x 5 1/2" LAG SCREWS AT SAME SPACING AS ABOVE

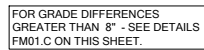
DETAIL: A cross-section of a lamination with a wire nail passing through multiple layers.

HEADER, SEE PLAN FOR LOCATION AND SIZE
 7/8" O.S.B. EACH SIDE
 2x BLOCKING TO O.S.B. w/ 2-8d EA. END
 VIEW
 6d COMMON NAILS, TYP
 w/ 1-16d TOE NAILS EA. END
 7/8" OSB w/6d NAILS @ 16" O.C. TO SIDE AND TOP NAILER
 2x w/ 1-16d TOE NAILS EA. END
 2x4 SPF CONT. BLOCKING ATTACHED TO 7/8" OSB w/ 2-8d NAIL
 7'-0" MAX OPENING
 OPENING DIM. SEE HD/SN FOR ADDITIONAL FORMATION
 SEE HD/SN FOR ADDITIONAL HEADER INFORMATION
 HEADER, SEE PLAN FOR LOCATION AND SIZE

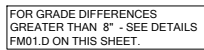
WF02 **WOOD FRAMED ARCH**
 SCALE: 3/4" = 1'-0" @ 22x34
 SCALE: 3/8" = 1'-0" @ 11x17

10

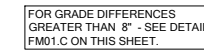
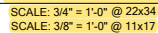




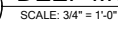
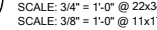
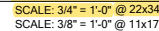
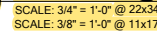
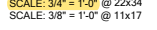
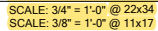
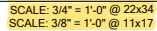
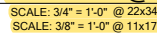
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



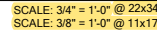
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



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



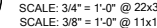
SCALE: N.T.S.

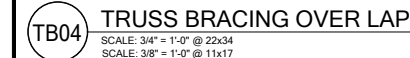
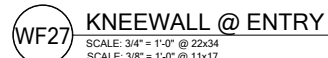
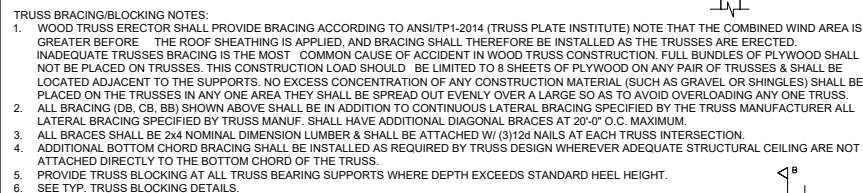
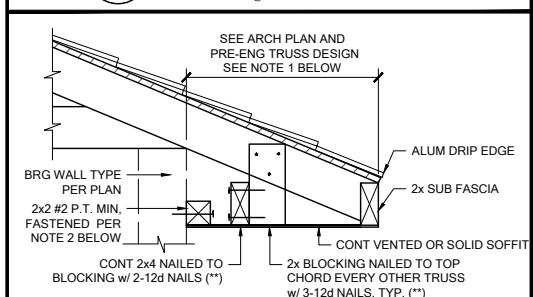
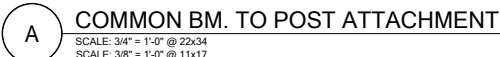
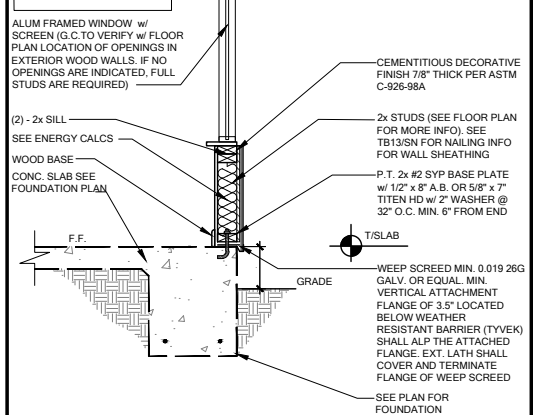
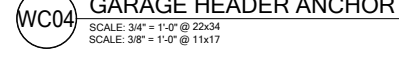
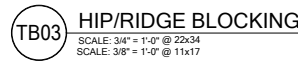
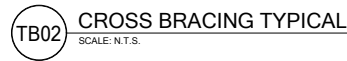
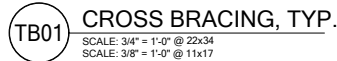


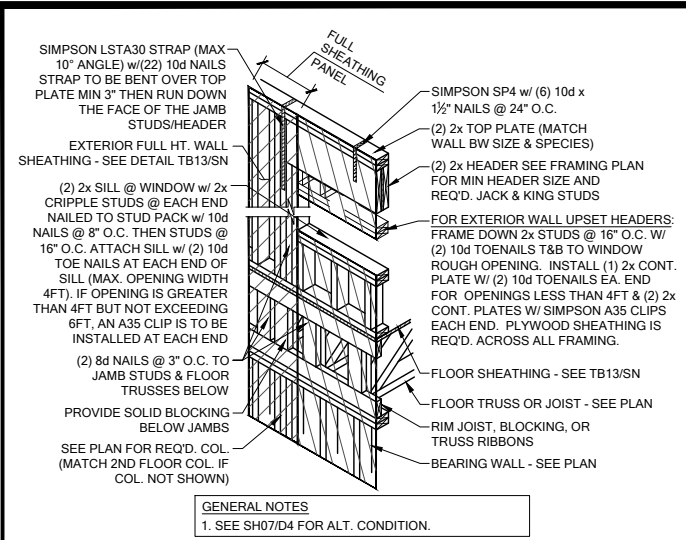
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



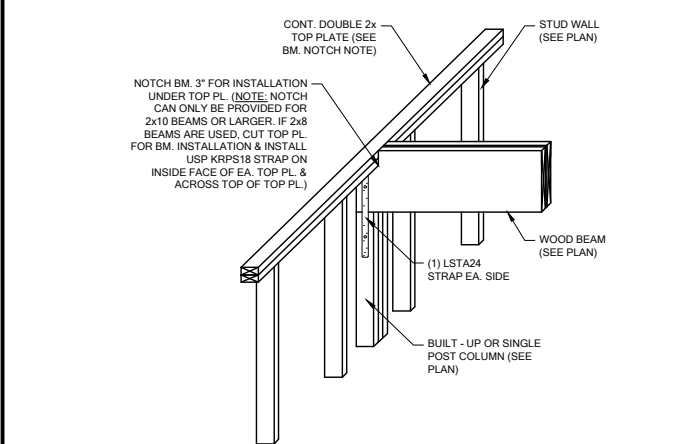
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



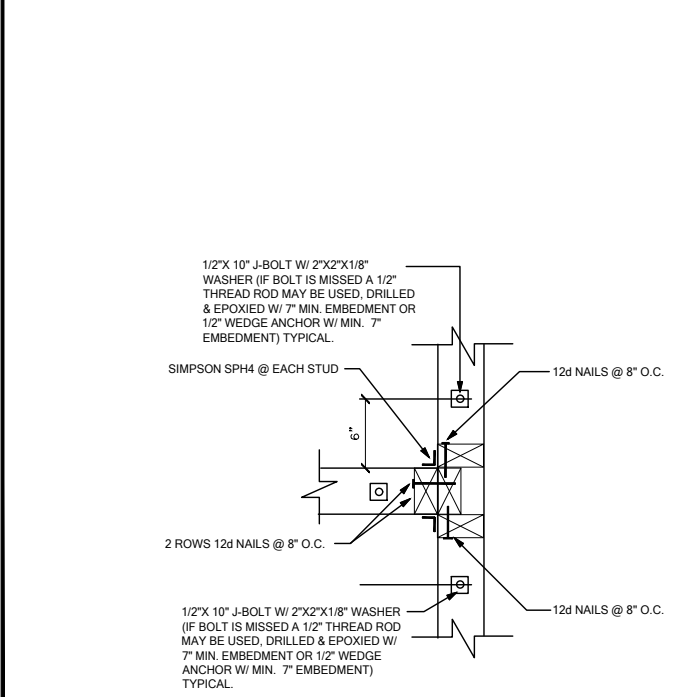




SH00 HEADER CONN. @ 2ND FLOOR (NO BASE STRAP)
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



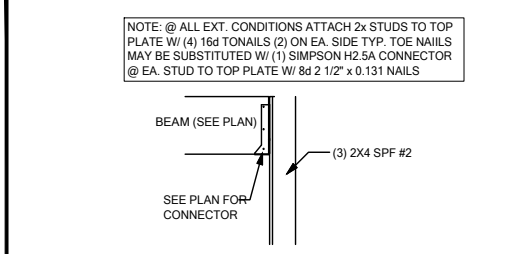
WF103 TYP. WOOD BEAM TO WOOD WALL CONN.
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



WC03 WALL TO WALL @ END OF SHEAR WALL
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

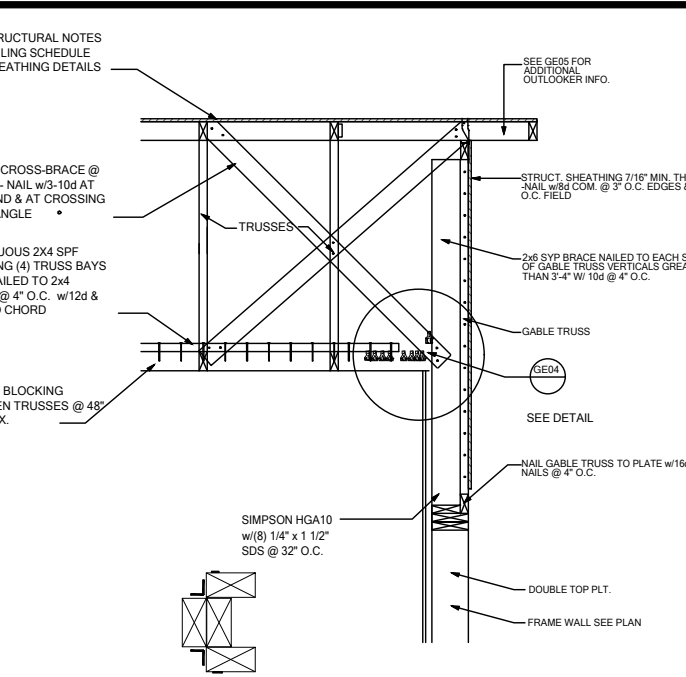


SW04 INTERIOR SHEAR WALL @ TRUSSES
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

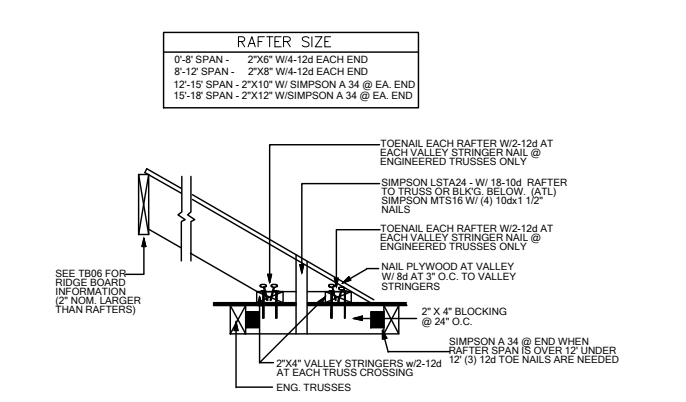


CD25 BEAM TO WALL CONNECTION
SCALE: 3/4" = 1'-0"

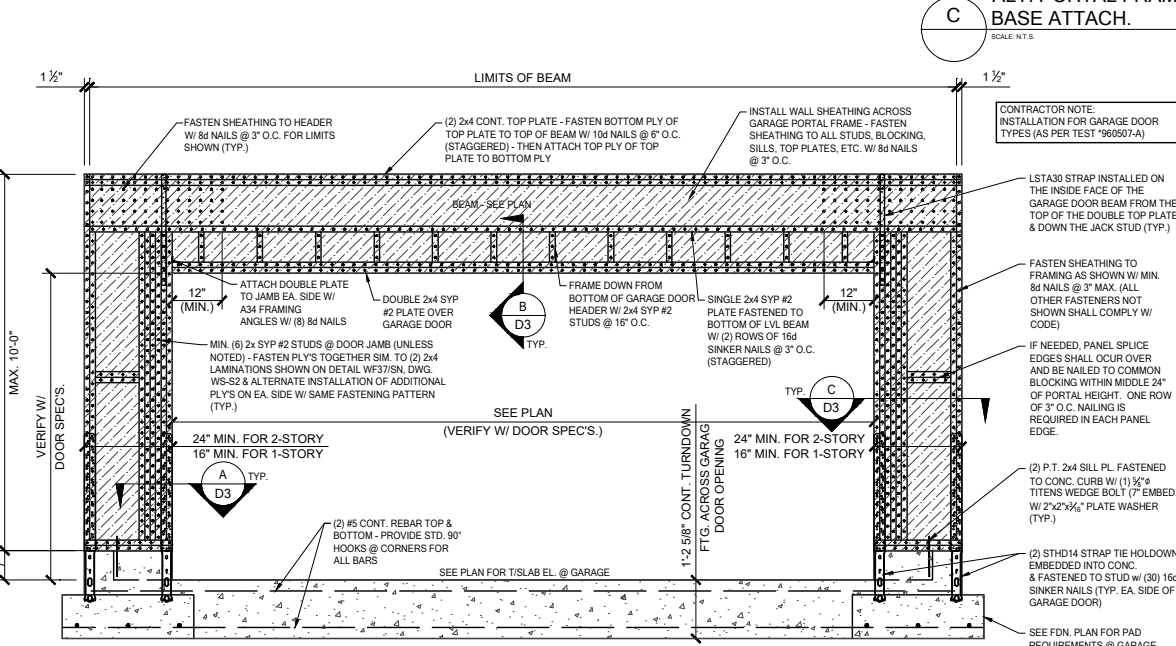
WC06 EXTERIOR FRAME CORNER
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



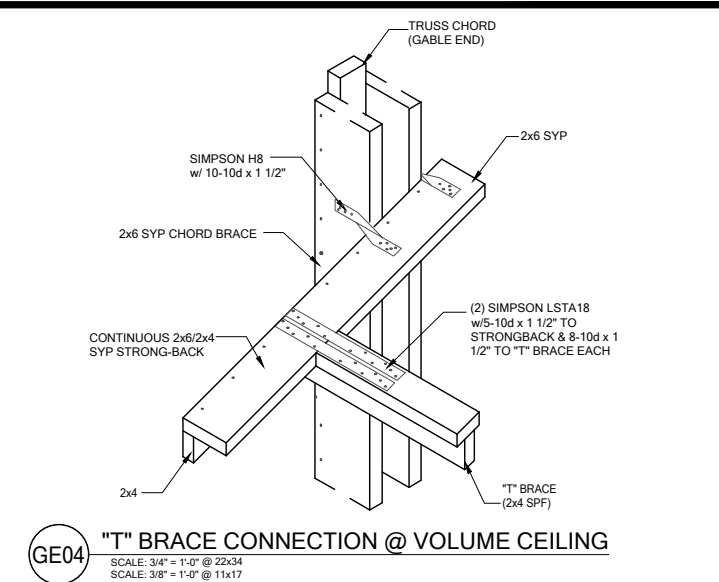
GE03 GABLE END BRACIN w/ VOLUME CEILING
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



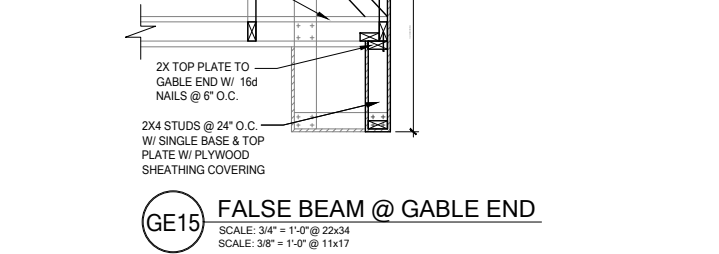
TB17 CONV. FRAMING & VALLEY FRAMING
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



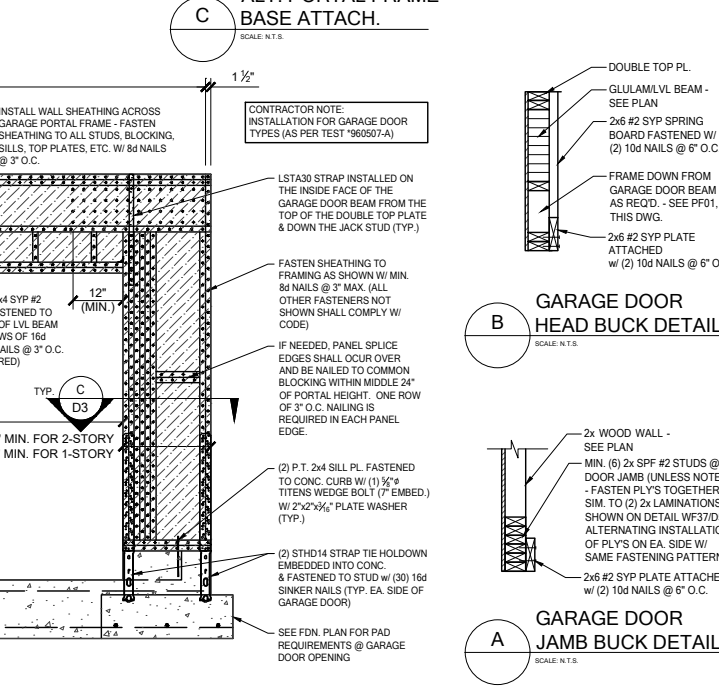
PF01 GARAGE DOOR PORTAL FRAME
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



GE04 "T" BRACE CONNECTION @ VOLUME CEILING
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



GE15 FALSE BEAM @ GABLE END
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



B GARAGE DOOR HEAD BUCK DETAIL
SCALE: N.T.S.

DATE: June 27, 2022
PROJECT: 2022-0001
DRAWING: 001

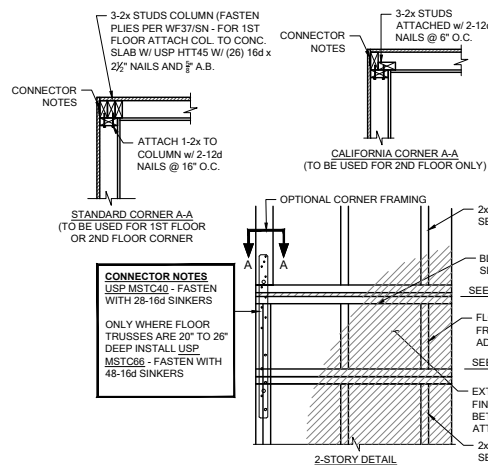
238 South Highway 100, Suite 200
Maitland, FL 32751
O: 321-972-0491 F: 407-480-2344
Certificate of Authorization No. 9161
CARLA BROWN, PE - FL # 55126
SCOTT A. LEWIS, PE - FL # 78150

LOT 31
RESERVE @ JEWEL LAKE
452 SW JEWEL LAKE DR.
LAKE CITY, FL 32024

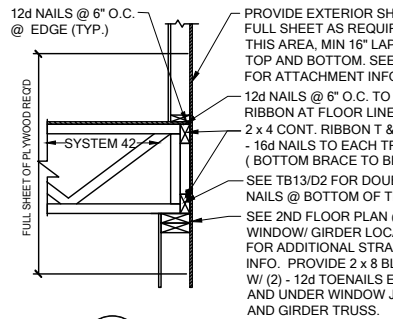
PLAN NUMBER: 33711398
RELEASE DATE: 08.03.2020

MODEL: CARLISLE
DRAWING TITLE: FLOOR FRAMING DETAILS

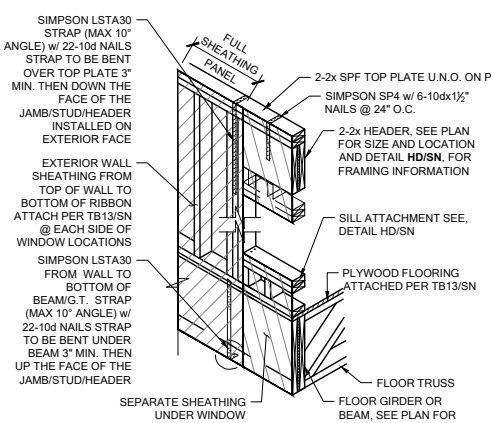
SHEET NO: D3



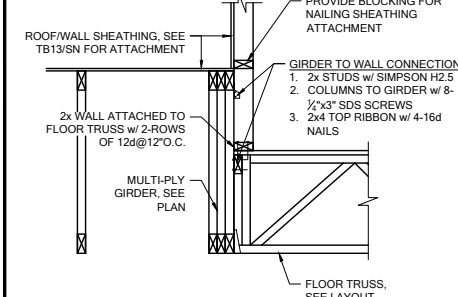
FB06 TYP. CORNER FRAMING
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



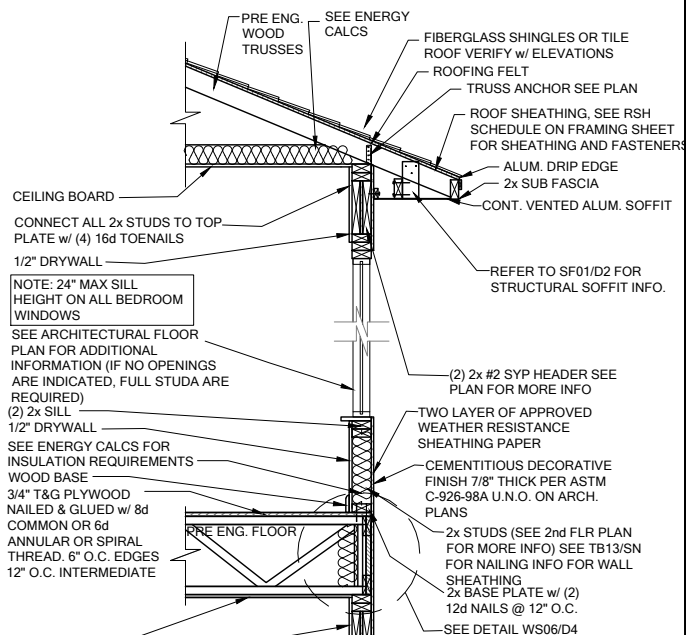
WS06 FLOOR ATTACHMENT
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



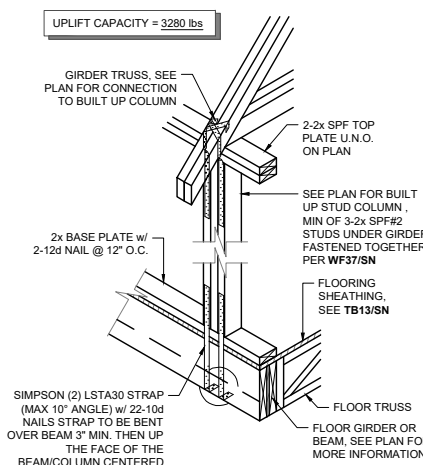
SH05 HEADER CONN. @ BEAM
SCALE: N.T.S.



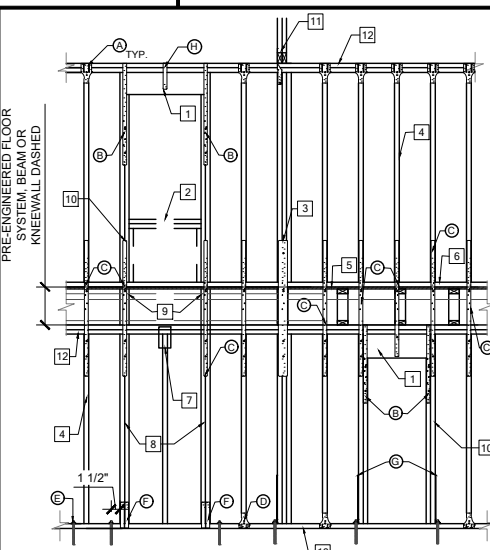
WF100 BRG. WALL OVER FLOOR SYSTEM
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



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



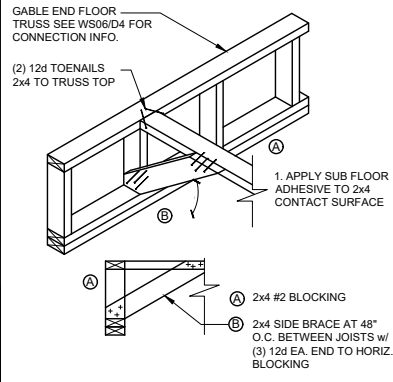
SG01 COLUMN CONN. @ BEAM
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



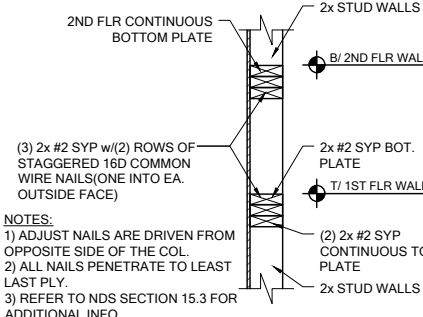
WF06 2-STORY INT. BEAR & EXT. WALL
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

- (2) - 2x HEADER SEE FLOOR PLAN FOR MIN. HEADER AND ADDITIONAL INFO SEE PLAN FOR ADDITIONAL FRAMING INFO
- AT WINDOW LOCATIONS FRAME IN SILL FOLLOWING HD/SN
- SEE PLAN FOR G.T. COLUMN AND CONNECTION INFORMATION
- 2x STUDS PER BRG WALL SCHEDULE. STUDS TO LINE UP TOP & BOTTOM
- PLYWOOD FLOORING SEE PLAN FOR ATTACHMENT INFO
- 2x BASE w/ (2) 12d NAILS @ 12" O.C.
- NO CONNECTION FOR STUDS w/ 2nd FLOOR HEADER
- MATCH STUDS UNDER 2nd FLOOR HEADER
- SOLID BLOCKING / FLOOR TRUSS UNDER STUD PACK
- SEE HEADER SCHEDULE FOR MIN STUDS EACH SIDE
- GIRDER TRUSS SEE PLAN FOR LOCATION AND ADDITIONAL INFORMATION
- (2) 2x TOP PLATE SEE PLAN FOR MORE INFORMATION
- 2x P.T. BASE PLATE

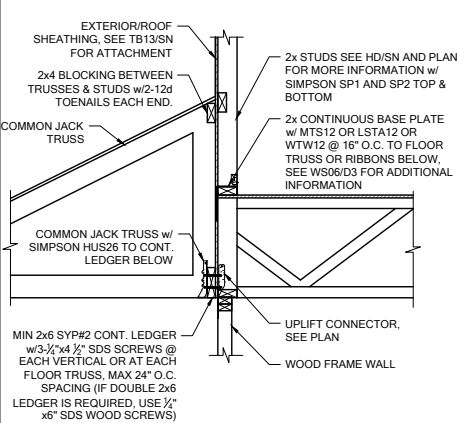
ALT. CANT. CONDITION



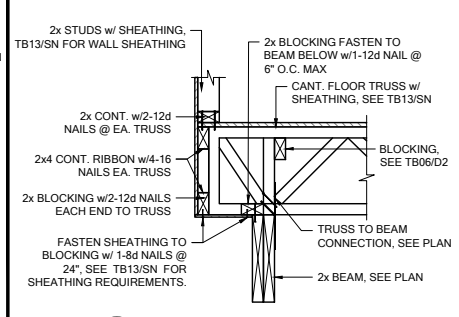
FB12 BLOCKING w/BOTTOM CHORD
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



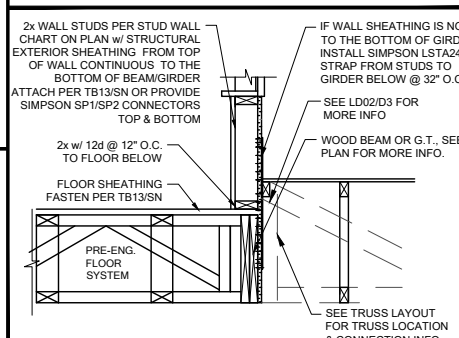
WF03 WALL SPLICE DETAILS
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17



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

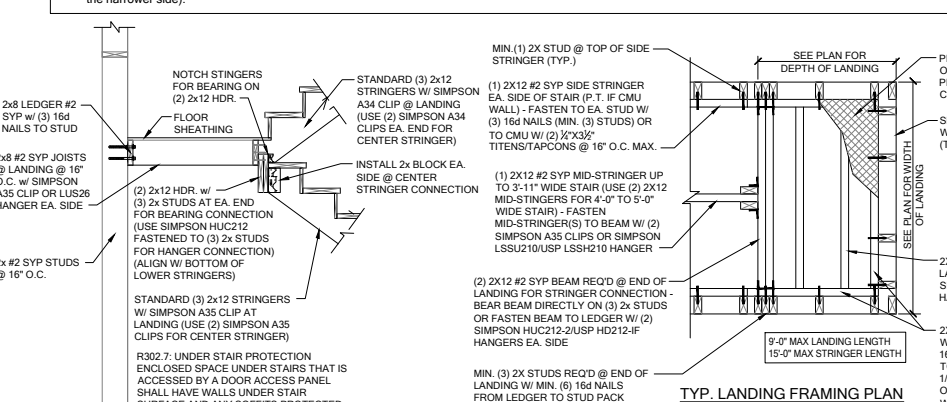


FC03 CANTILEVER FLOOR
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

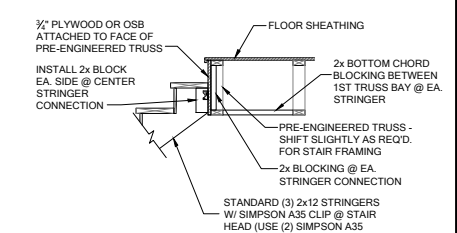


WF31 TYPICAL WALL SECTION
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

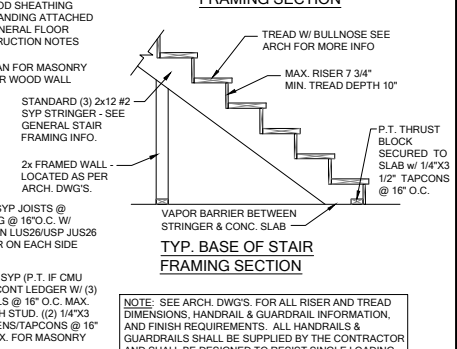
- STAIR NOTES:**
- Stairway construction and handrail to conform to the FBC Residential section R311.7
 - Riser height: Install 2x6 #2 syp min. backing for handrail installation.
 - The maximum riser height shall be 7 3/4". The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8 inch.
 - Tread depth: The minimum tread depth shall be 10". The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch.
 - Handrails: Handrails shall be provided on at least one side of each continuous run of treads or flight with four or more risers. Handrail height, measured vertically from the sloped plane adjoining the tread nosing, or finish surface of ramp slope, shall be not less than 34" and not more than 38". Handrails adjacent to a wall shall have a space of not less than 1 1/2" between the wall and the handrails.
 - Grip-size: Handrails with a circular cross section shall have an outside diameter of at least 1 1/2" and not greater than 2" or provide equivalent graspability in compliance with FBCR Section R311.7.8.3.
 - Guards: Guards shall be located along open-sided walking surfaces, including stairs, ramps and landings, that are located more than 30" and shall be not less than 36". Required guards shall not have openings from the walking surface to the required guard height which allow passage of a sphere 4" in diameter. (guardrails and handrails shall have a uniformly distributed live load of 200 psf.) (guardrail in fill components (pickets) shall have a uniformly distributed live load of 50 psf).
 - Winders: Winder treads shall have a minimum tread depth of 6" at the narrow end and shall have a minimum tread depth of 10" at the intersections with the walkline (12" from the narrower side).



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



TYP. HEAD OF STAIR FRAMING SECTION



TYP. BASE OF STAIR FRAMING SECTION

DATE: June 27, 2022
ISSUED FOR PERMIT ONLY
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Maitland, FL 32751
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Certificate of Authorization No. 9161
CARLA BROWN, P.E. - FL # 55126
SCOTT A. LEWIS, P.E. - FL # 78150

LOT 31
RESERVE @ JEWEL LAKE
452 SW JEWEL LAKE DR.
LAKE CITY, FL 32024

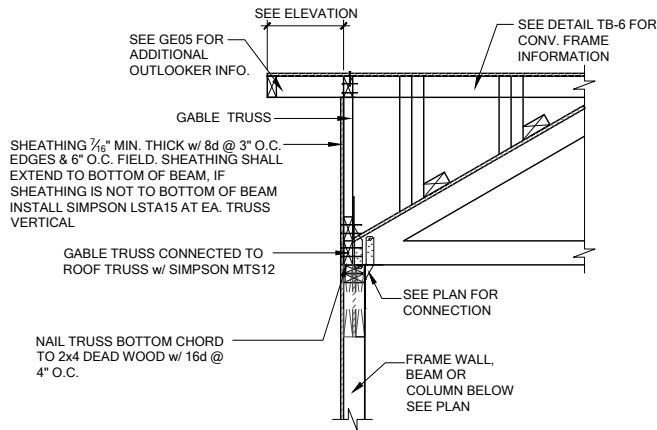
PLAN NUMBER:
33711398

RELEASE DATE:
08.03.2020

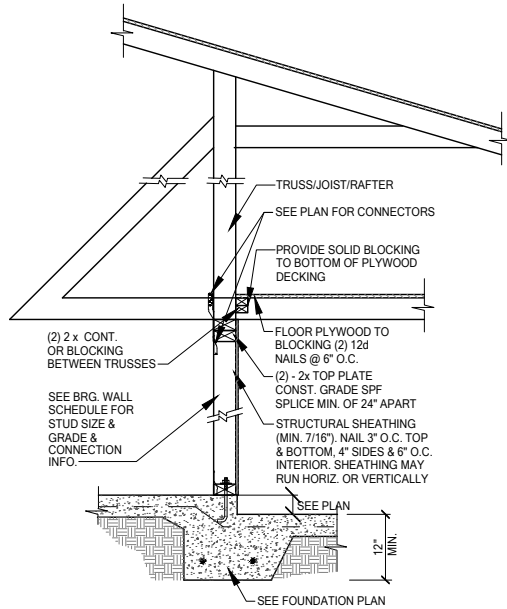
MODEL:
CARLISLE

DRAWING TITLE:
FLOOR FRAMING DETAILS

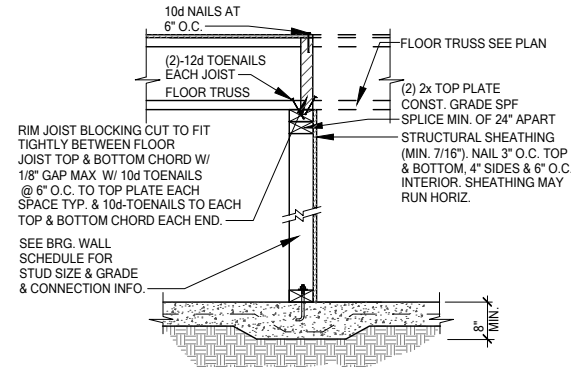
SHEET NO:
D4



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

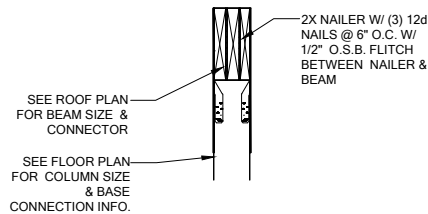


SW01 INTERIOR BEARING STEP-DOWN SHEARWALL w/UPLIFT
SCALE: 3/4" = 1'-0" @ 22x34
SCALE: 3/8" = 1'-0" @ 11x17

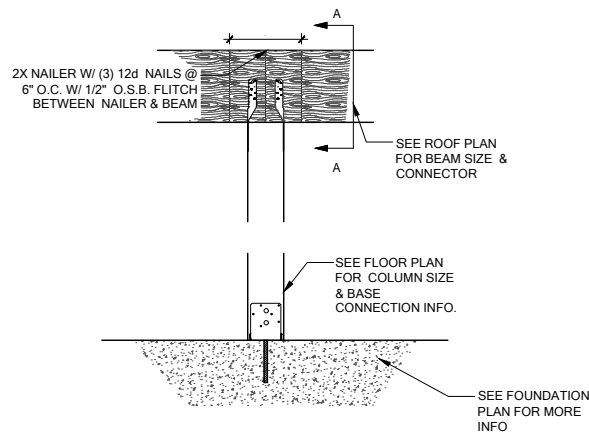


UPLIFT VALUES - (DOUBLE SIDE PLYWOOD DOUBLES VALUE BELOW)
SHEATHING I-SIDE - 860 LBS. PER TRUSS/JOIST/RAFTER

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