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ALL CONSULTANT DRAWINGS ACCOMPANYING THESE DESIGN DRAWINGS HAVE NOT BEEN PREPARED BY OR FOR THE ARCHITECT. THE ARCHITECT ASSUMES NO LIABILITY FOR THE COMPLETENESS OR CORRECTNESS OF THESE DRAWINGS THAT ARE PREPARED BY OTHER CONSULTANTS.

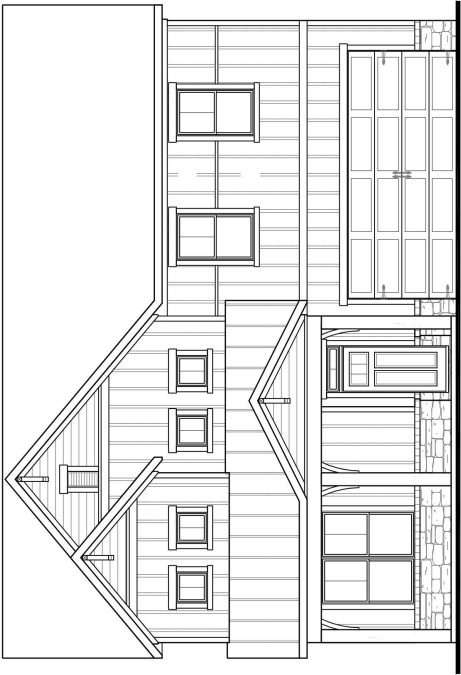
EDISTO

40' SERIES

North Carolina Version

PLAN 7 SQUARE FOOTAGES	
AREA	ELEV 'C'
1st FLOOR	1240 SF
2nd FLOOR	1422 SF
TOTAL LIVING	2662 SF
GARAGE	344 SF
PORCH	214 SF
OPT COVERED PATIO	120 SF
OPT. BASEMENT	
UNFINISHED SPACE	1144 SF
BASEMENT AREA IS TAKEN TO INSIDE OF CONCRETE WALL	

Eagle Creek
Lot 116
Fuquay Varina, NC 27526



Front Elevation 'C'

SCALE: 1/4"=1'-0" AT 22'X34" LAYOUT 1/8"=1'-0" AT 11'X17" LAYOUT

QUICK VIEW - 'C'

PROJECT NO. 640-6A22009.01

PRODUCT TITLE
40' Series
EDISTO

NO.		DATE	REVISION
1		08/24	
PROFESSIONAL SEAL:			

KEY NOTES:	NOTES: NCRC
MASSING: [1] ADHERED STONE VENEER AS SELECTED BY DEVELOPER. HEIGHT AS NOTED. [2] MAGNET FULL BRIDGE AS SELECTED BY DEVELOPER. HEIGHT AS NOTED. [3] MAGNET FULL STONE AS SELECTED BY DEVELOPER. HEIGHT AS NOTED. [4] 8" SLOTTED GORSE. [5] DECORATIVE IRON. SEE DETAIL. TYPICALS: [6] CORROSION RESISTANT SCREEN COVERED VENTS. SIZE AS NOTED. [7] CODE APPROVED TERMINATION GARNET CAP. [8] CORROSION RESISTANT ROOF TO WALL FLASHING. CODE COMPLIANT FLASHING PER NCRC 5502.2.5. [9] STANDING SEAM METAL ROOF. INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS. DECORATIVE MAGNET IRON. SEE DETAILS. SCENE: [10] FIBER CEMENT SHINGLE SIDING PER DEVELOPER. [11] FIBER CEMENT LAM SIDING PER DEVELOPER. [12] 1/4" S4S4 CORNER TRIM BOARDS. [13] FIBER CEMENT TRIM SIDING PER DEVELOPER. [14] FIBER CEMENT PANEL SIDING (V J JOINT BENTS AT 12" O.C. (NAIL BOARD AND BENT SIDING)). [15] 1/4" FIBER CEMENT TRIM OR EQUAL. UNDO. SIZE AS NOTED. [16] PAUSE MOOD BUTTERS. TYPE AS SHOWN. SIZE AS NOTED. ALL WINDOWS: WINDOW OPENING IS LESS THAN 24" ABOVE THE FINISH FLOOR AND WINDOW OPENING IS GREATER THAN WINDOW OPENING LIFTING DEVICES COMPLYING WITH THE NCRC SECTION R502.2.1 AND R502.2.2.	GRADE CONDITIONS MAY VARY FOR INDIVIDUAL SITE FROM THAT SHOWN. GRADE CONDITIONS MAY VARY FOR INDIVIDUAL SITE FROM THAT SHOWN. GRADE CONDITIONS MAY VARY FOR INDIVIDUAL SITE FROM THAT SHOWN. 1ST FLOOR = 8'-0" UNDO. ON ELEVATIONS. 2ND FLOOR = 8'-0" UNDO. ON ELEVATIONS. 3RD FLOOR = 8'-0" UNDO. ON ELEVATIONS. ROOFING: PITCHED SHINGLES PER DEVELOPER. WINDOWS: MANUFACTURER PER DEVELOPER. DIVIDED LITES AS SHOWN ON THE EXTERIOR ELEVATIONS. DOORS: MANUFACTURER PER DEVELOPER. DIVIDED LITES AS SHOWN ON THE EXTERIOR ELEVATIONS. GARAGE DOORS: AS SELECTED BY DEVELOPER. RAISED PANEL AS SHOWN. GARNET: AS NOTED. TOP OF GARNET TO BE A MINIMUM OF 24" ABOVE ANY ROOF. ALL EXTERIOR MATERIALS TO BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS. PROTECTION AGAINST DECAY: ALL EXTERIOR MATERIALS TO BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS. SHINGLE ROOF PITCHES FROM 2/12 TO 4/12 TO HAVE (2) LAYERS OF INSULATION APPLIED AND OVERLAPPED PER TABLE R502.2.2.

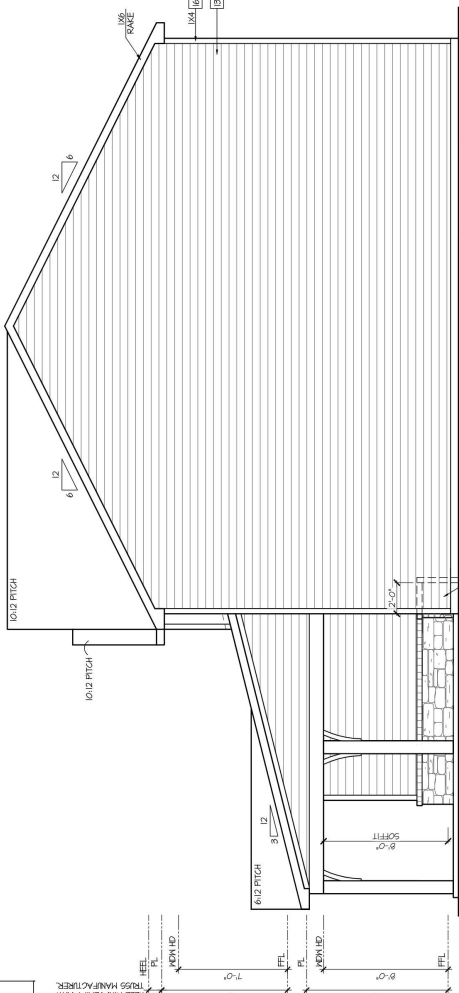
NO.	DATE	REVISION
1	08/24	
PROFESSIONAL SEAL:		

PROJECT TITLE
**40' Series
EDISTO**

PROJECT NO. 640-6A22009.01

PRINT DATE
October 27, 2023
SHEET TITLE
SIDE AND REAR
ELEVATIONS 'C'
SHEET NO.

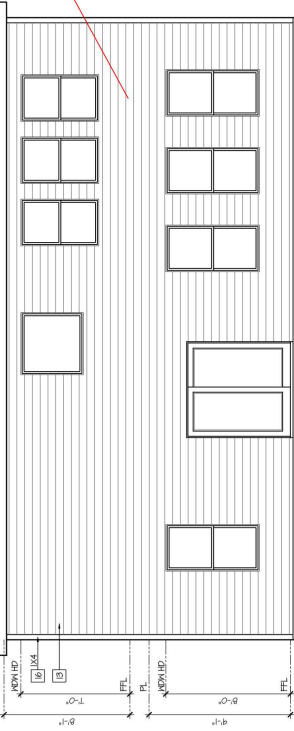
3 C



Right Elevation 'C'

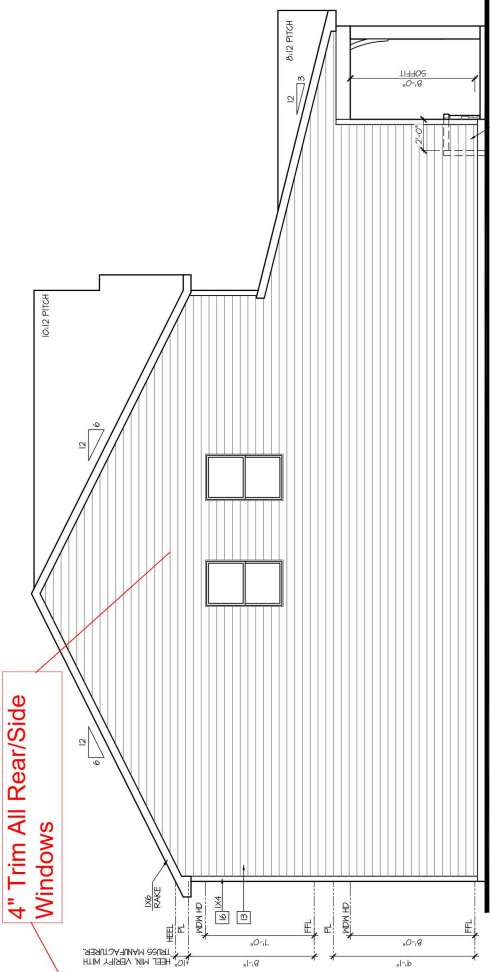
SCALE: 1/8"=1'-0" AT 22'x34" LAYOUT 1/8"=1'-0" AT 11'x11" LAYOUT

4" Trim All Rear/Side Windows



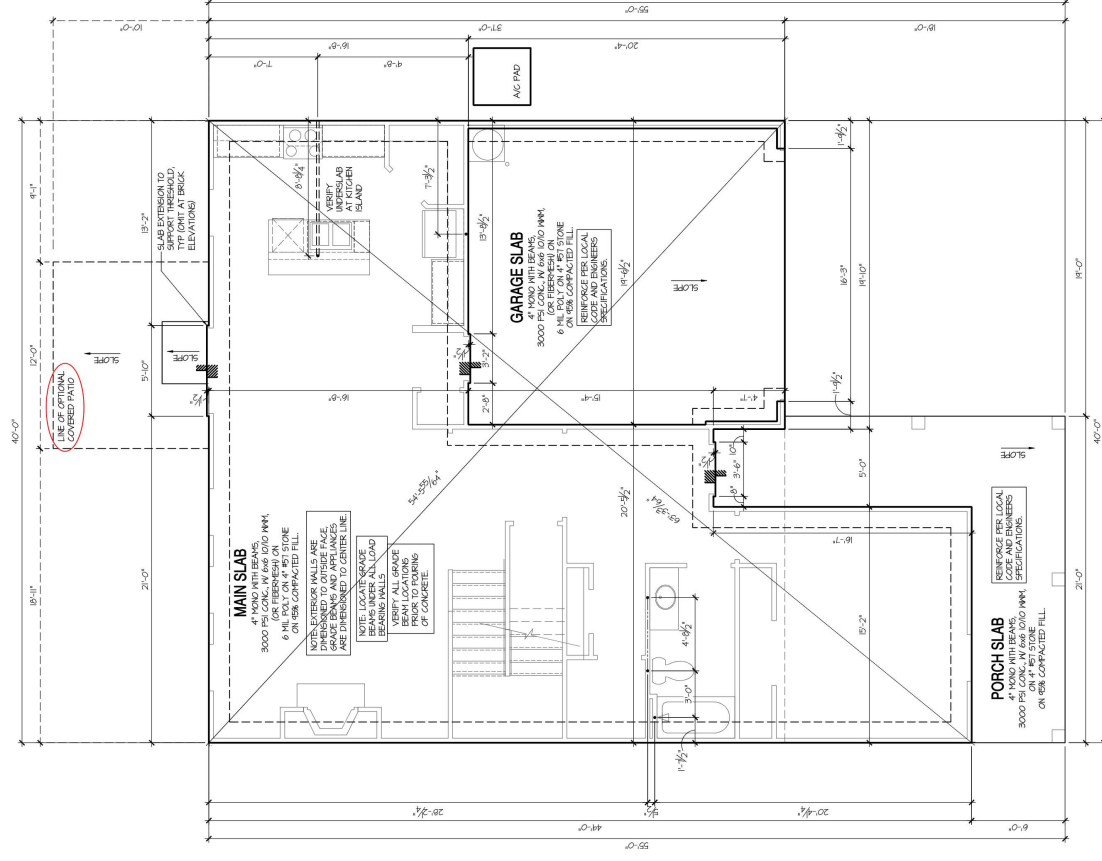
Rear Elevation 'C'

SCALE: 1/8"=1'-0" AT 22'x34" LAYOUT 1/8"=1'-0" AT 11'x11" LAYOUT



Left Elevation 'C'

SCALE: 1/8"=1'-0" AT 22'x34" LAYOUT 1/8"=1'-0" AT 11'x11" LAYOUT



NOTES: NCRC

- [illegible]

Monolithic Slab Plan 'C'

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT

MONOLITHIC SLAB PLAN 'C'

2

PRINT DATE: October 27, 2023

1

4 MS C

PROJECT NO: CMT-GA22008 Q1

90 RECTYIM F-

40' Series
EDISTO

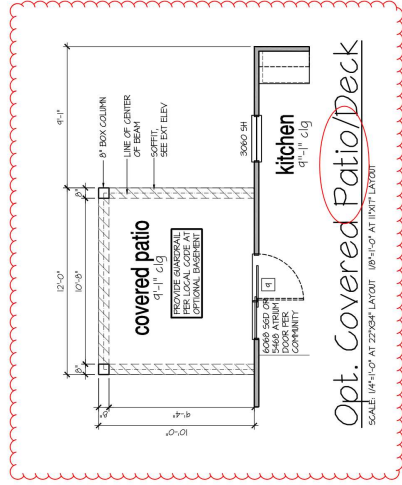
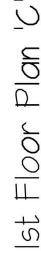
PROFESSIONAL SEAL:

DATE:

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D·R·HORTON®
America's Builder



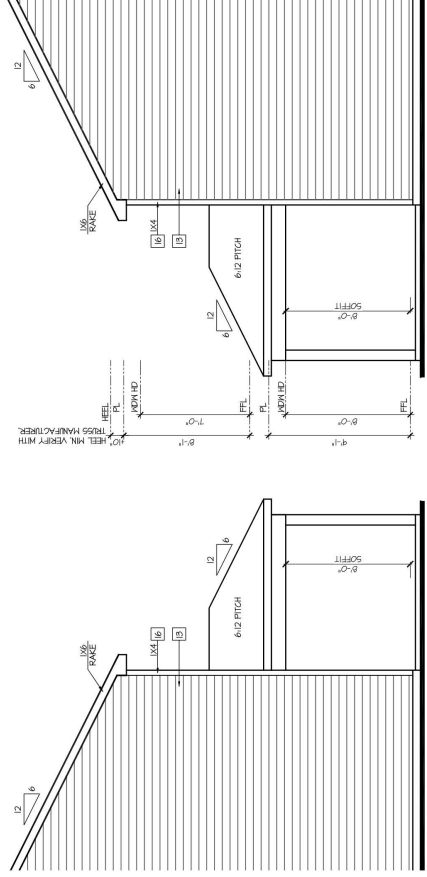
8'-9 1/2" STAIR NOTE:
(USE 14" TJI WITH 3/4" PLYWOOD SUBFLOOR)
15" TREADS AT 10" EACH VERIFY
16 RISERS AT 4'-1.5" = 120 1/4" TOTAL
RISE VERIFY

NO.	DATE	REVISION
1	08/24	
PROFESSIONAL SEAL:		

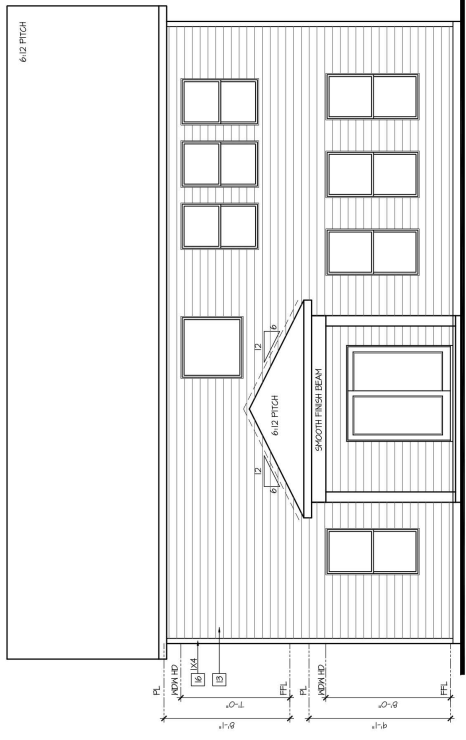
PROJECT TITLE
40' Series
EDISTO

PROJECT NO. 64D-6A22009.01
EXTERIOR ELEVATION OPTIONS
SHEET TITLE
PRINT DATE
October 27, 2023
SHEET NO.

3.2

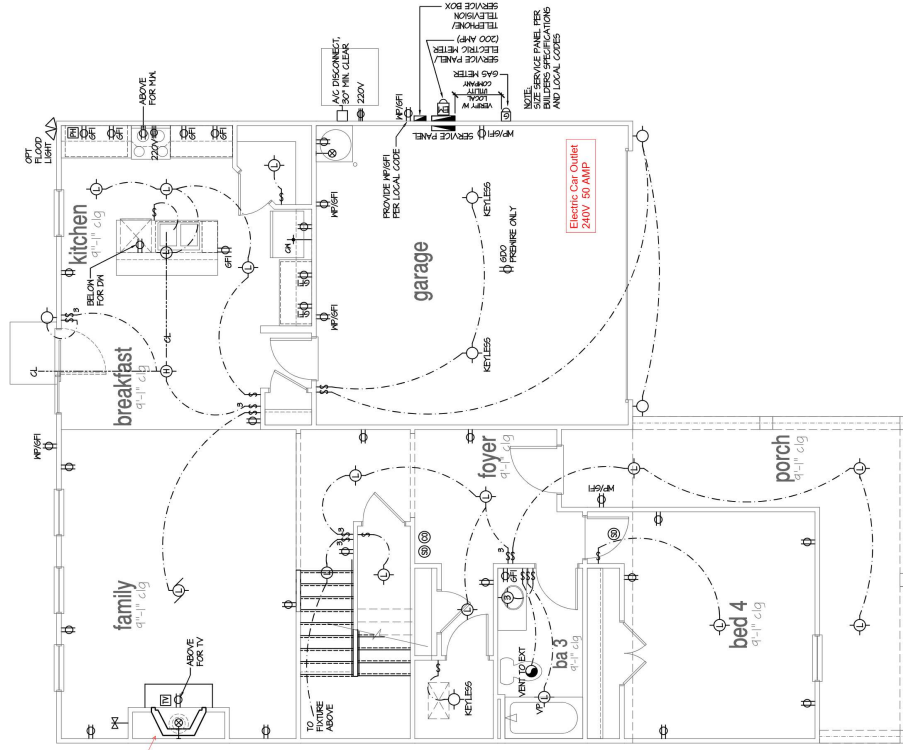


Partial Right Elevation
w/ Opt. Covered Patio
SCALE: 1/4"=1'-0" AT 22'0" H/LAYOUT 1/8"=1'-0" AT 11'0" H/LAYOUT



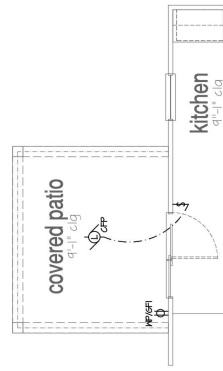
Rear Elevation w/ Opt. Covered Patio
SCALE: 1/4"=1'-0" AT 22'0" H/LAYOUT 1/8"=1'-0" AT 11'0" H/LAYOUT

NOTES: NRC - GRADE CONDITIONS MAY VARY FOR INDIVIDUAL SITE FROM THAT SHOWN. BUILDER SHALL VERIFY AND COORDINATE PER ACTUAL SITE CONDITIONS. - ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. - 1ST FLOOR = 1'-0" UNTO ON ELEVATIONS. - ROOFING: PITCHED SHINGLES PER DEVELOPER. - WINDOWS: MANUFACTURER PER DEVELOPER. DIVIDED LITES AS SHOWN ON THE EXTERIOR ELEVATIONS. - ENTRY DOOR: AS SELECTED BY DEVELOPER. - CHIMNEY: AS OCCURS. TOP OF CHIMNEYS TO BE A MINIMUM OF 24" ABOVE ANY ROOF WITHIN 10'-0" OF CHIMNEY. - PROTECTION AGAINST DECAY: (ALL PORTIONS OF A PORCH, SCREEN PORCH OR DECK FROM THE BOTTOM OF THE FIRST FLOOR TO THE TOP OF THE SECOND FLOOR SHALL BE PROTECTED AGAINST DECAY.) - SHINGLE ROOF PITCHES FROM 2:12 TO 4:12 TO HAVE 121 LAYERS OF UNDERLAYMENT APPLIED AND OVERLAPPED PER TABLE R502.2.2	
KEY NOTES: MASONRY: 1 MASONRY FILL WORK AS SELECTED BY DEVELOPER. HEIGHT AS NOTED. 2 MASONRY FILL BRICK AS SELECTED BY DEVELOPER. HEIGHT AS NOTED. 3 MASONRY FILL STONE AS SELECTED BY DEVELOPER. HEIGHT AS NOTED. 4 8" SOLID BRICK 5 8" SOLID BRICK 6 8" SOLID BRICK TYPICALS: 1 CORROSION RESISTANT SCREEN LOWEDED VENTS. SIZE AS NOTED. 2 CODE APPROVED TERMINATION CHIMNEY CAP. 3 CORROSION RESISTANT ROOF TO WALL FLASHING. CODE COMPLIANT. 4 FLASHING FOR ROOF PENETRATIONS. 5 STANDING SEAM METAL ROOF. INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS. SCREENS: 1 SCREENS: SCREENS AS SELECTED BY DEVELOPER. 2 1/2" ALUMINUM CORNER TRIM BOARDS. 3 1/2" ALUMINUM CORNER TRIM BOARDS. 4 1/2" ALUMINUM CORNER TRIM BOARDS. 5 1/2" ALUMINUM CORNER TRIM BOARDS. 6 1/2" ALUMINUM CORNER TRIM BOARDS. 7 1/2" ALUMINUM CORNER TRIM BOARDS. 8 1/2" ALUMINUM CORNER TRIM BOARDS. 9 1/2" ALUMINUM CORNER TRIM BOARDS. 10 1/2" ALUMINUM CORNER TRIM BOARDS. 11 1/2" ALUMINUM CORNER TRIM BOARDS. 12 1/2" ALUMINUM CORNER TRIM BOARDS. ALL WINDOWS: WINDOW OPENING IS LESS THAN 24" ABOVE THE FINISH FLOOR AND SHALL BE PROTECTED AGAINST DECAY. WINDOW OPENING LIFTING DEVICES COMPLYING WITH THE NRC SECTION R502.2.1 AND R502.2.2.	



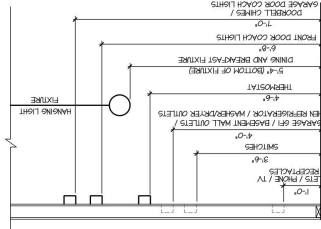
1st Floor Plan 'A'

No Fireplace

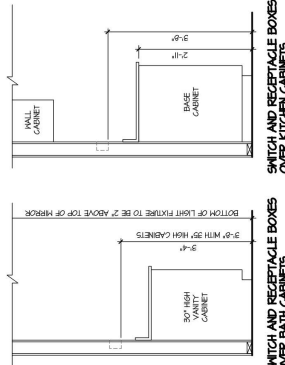


Opt. Covered Patio/Deck

SCALE: 1/4"=1'-0" AT 22"x34" | A/CUT | 1/8"=1'-0" AT 11"x17" | A/CUT



STANDARD ELECTRICAL BOX HEIGHTS



SWITCH AND RECEPTACLE BOXES
OVER BATH CABINETS

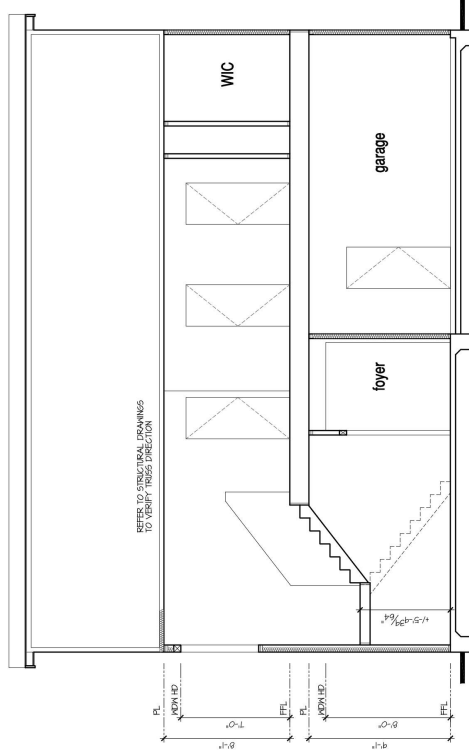
NOTES.

- PROVIDE GROUNDED ELECTRICAL RUD FOR FLOOR COVERS.
- PROVIDE AND INSTALL AN EARTH FAULT CIRCUIT INTERRUPTER (AFCI) AS REQUIRED BY NATIONAL ELECTRICAL CODE (NEC).
- ALL DRINKING FANS SHALL HAVE BACKFLOW PREVENTERS.
- FAN-LIGHTS IN RETAIL/PAVILION LOCATIONS SHALL BE LABELED "SAFE FOR OUR DARK LOCATIONS".
- ELECTRICAL SYSTEMS ARE SHOWN FOR IDENTIFY ONLY. THESE SYSTEMS SHALL BE INDEPENDENT OF THE BUILDING ELECTRICAL SYSTEMS. ALL ELECTRICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
- PROVIDE AND INSTALL LOCALLY CONTROLLED LIGHTS AND/OR DEVICES AS REQUIRED BY NATIONAL ELECTRICAL CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
- PROVIDE AND INSTALL LOCALLY CONTROLLED LIGHTS AND/OR DEVICES AS REQUIRED BY NATIONAL ELECTRICAL CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
- HIRE A QUALIFIED CONTRACTOR TO VERIFY PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIREMENTS FOR ALL ELECTRICAL WORK.
- PROVIDE POWER, LIGHT AND SPECIAL AS REQUIRED FOR ATTIC FURNACE PER CODED REQUIREMENTS.

[illegible]

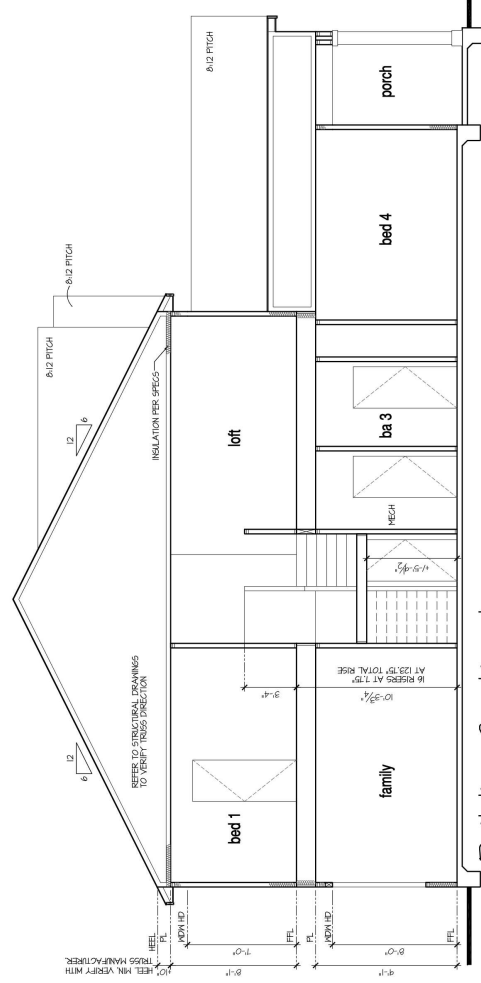
Building Section 2

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



Building Section I

SCALE: 1/4"=1'-0" AT 22"X34" LAYOUT 1/8"=1'-0" AT 11"X17" LAYOUT



9'-1" STAIR NOTE:

(USE 14" T J WITH 3/4" PLYWOOD SUBFLOOR)
15 TREADS AT 10" EACH VERIFY
16 RISERS AT +/- 1.15" = 123 3/4" TOTAL

NOTES: NCRC TABLE N102.1.2

NOTES: NONE TABLE NO. 2.1.2
- REFER TO FLOOR PLAN NOTES FOR TYPICAL FIRE PROTECTION NOTES AND LOCATIONS.

* THESE BUILDING SECTIONS MAY VARY AT ALTERNATE ELEVATION STYLES AND AT "PLAN OPTION"

CONDITIONS, REFER TO MAIN FLOOR PLAN AND ALTERNATE FLOOR PLANS FOR INFORMATION NOT SHOWN HERE.

- BUILDING SECTIONS SHOWN HERE DEPICT VOLUME SPACES WITHIN THE STRUCTURE. REFER TO STRUCTURAL DRAWINGS, TRUSS DRAWINGS, STRUCTURAL DETAILS AND CALCULATIONS BY OTHER FOR ALL STRUCTURAL INFO.

- ROOFING: PITCHED SHINGLE ROOF REFER TO ROOF PLAN FOR TYPICALS.

- ROOFING: FITTED SHINGLE ROOF. REFER TO ROOF PLAN FOR DETAILS.
- WOOD FLOORS: FLOOR SHEATHING OVER FLOOR JOIST.

- **WOOD FLOORS:** FLOOR SHEATHING OVER FLOOR JOIST. REFER TO STRUCTURAL AND TRUSS DRAWINGS BY OTHERS.

- VERIFY STAIRS MINIMUM AND MAXIMUM REQUIREMENTS FOR CONSTRUCTION CLEARANCES

WITH LOCAL CODES.

- INSULATION: PER TABLE N1102.1.2, NRC 2016

ZONE 3 AND 4:

EXTERIOR WALLS, ϵ_1 ,
R-25 Batts Minimum Veriety

EXTERIOR WALLS, R-5 BATTS MINIMUM, VERIFY
CEILING WITH ATTIC ABOVE, R-30 BATTS MINIMUM, VERIFY

FLOOR OVER GARAGE;
R-18 BATT'S MINIMUM, VERIFY
R-30 BATT'S MINIMUM, VERIFY
COMPLIANCE METHOD TO BE
DETERMINED BY MILLER

ATTIC KNEEWALL!
R-14 BATTS MINIMUM, VERIFY
DETERMINED BY BUILDER.

CRAWL SPACE FLOORING: R-10/15 MINIMUM, VERIFY GLAB VALUE. D-10 MINIMUM, VERIFY

SLAB VALUE: R-10 MINIMUM, VERIFY

S-0 COVER SHEET
S-0.1 GENERAL STRUCTURAL NOTES

[illegible]

(215) 804-4449

NORTH CAROLINA

THESE DRAWINGS ARE TO BE USED IN CONJUNCTION AND COORDINATION WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. THIS COORDINATION IS NOT THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER OF RECORD (SER). SHOULD ANY DISCREPANCIES BECOME APPARENT, THE CONTRACTOR SHALL NOTIFY ASH ENGINEERING, P.C. BEFORE CONSTRUCTION BEGINS. IT IS THE INTENT OF THE ENGINEER OF RECORD TO PROVIDE ALL INFORMATION NECESSARY FOR THE PROPER CONSTRUCTION OF THE PROJECT. FOR ALL PERSONNEL RECEIVING INFORMATION, EVERY ATTEMPT HAS BEEN MADE TO PREVENT ERROR. THE BUILDER AND ALL SUBCONTRACTORS ARE REQUIRED TO REVIEW ALL OF THE INFORMATION CONTAINED IN THESE DOCUMENTS PRIOR TO THE COMMENCEMENT OF ANY WORK. THE ENGINEER IS NOT RESPONSIBLE FOR ANY PLAN ERRORS, OMISSIONS, OR CONFLICTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION. THE BUILDER AND CONSTRUCTION SHALL BE IN ACCORDANCE TO THE INFORMATION FOUND IN THESE DOCUMENTS.

THIS PLAN HAS BEEN DESIGNED PER THE 2018 EDITION OF THE NC RESIDENTIAL CODE, WHERE FRAMING, FOUNDATION, OR OTHER STRUCTURAL ITEMS DO NOT COMPLY WITH THE PRESCRIPTIVE METHODS OF THE CODE, THOSE ITEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE PER NCRC R301.1.3.

DESIGN SPECIFICATIONS:

DESIGN BUILDING CODE (REFERRED TO HEREIN AS "THE BUILDING CODE"):

- 2018 NORTH CAROLINA RESIDENTIAL CODE AND ENGINEERED DESIGN

DESIGN LIVE LOADS:

- **ON-DE-LOADS:**
 - **20 PSF (LOAD DURATION FACTOR=1.25)**
 - **RONNABLE ATTICS WITH UNLID STORAGE = 20 PSF (WHERE SPECIFIED ON PLANS)**
 - **HABITABLE ATTICS AND ATTICS SERVED WITH FIXED STAIRS = 30 PSF**
 - **FLOOR = 40 PSF**
 - **FLOOR (SLEEPING AREAS) = 30 PSF**
 - **DECK = 40 PSF**
 - **BALCONY = 40 PSF**
 - **STAIRS = 40 PSF**

DESIGN DEAD LOADS:

- ROOF TRUSS = 17 PSF (TC=7, BC=10)
- FLOOR TRUSS = 15 PSF (TC=10, BC=5)
- FLOOR JOIST = 10 PSF
- STANDARD BRICK = 40 PSF
- QUEEN ANNE BRICK = 25 PSF
- TILE = 10 PSF (WHERE NOTED ON PLANS)

NOTE: STRUCTURAL FRAMING HAS NOT BEEN DESIGNED FOR GRANITE, MARBLE OR OTHER MATERIALS HEAVIER THAN THE ABOVE LOADING UNLESS SPECIFICALLY NOTED ON PLANS.

DESIGN WIND LOADS:

- ULTIMATE WIND SPEED = 115 MPH

UNIMED SOIL BEARING CAPACITY = 2000 PSF

UNITED SOIL BEARING CAPACITY = 2000 PSI

UNITED LATERAL SOIL PRESSURE = 60 PCF

FROST DEPTH = 12"

SEISMIC DESIGN CATEGORY = B

ENGINEERING DESIGN CONSULTANTS LTD

ENGINEERED LUMBER SHALL HAVE THE FOLLOWING MINIMUM DESIGN VALUES:

- PRI-40s SERIES (DEPTH, SERIES AND SPACING PER PLANS)
- LVL: E=2,000,000 PSI, F_g=3,100 PSI, F_v=285 PSI, F_c=750 PSI



Cover Sheet
 'Edisto' - RH
 115 M.P.H.
 North Carolina

0-5

STRUCTURAL FIBERBOARD PANELS:

- [illegible]

MECHANICAL FASTENERS:

1. ALL ADHESIVES AND FASTENERS TO BE SIMPSON STRONG-TIE OR APPROVED EQUIVALENT.
2. ALL HARDWARE AND FASTENERS IN CONTACT WITH PRESERVATIVE PRESSURE AND/OR FIRE RETARDANT TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A 153, G-85.
3. MANY OF THE NEW PRESERVATIVE TREATED WOODS USE CHEMICALS THAT ARE CORROSIVE TO STEEL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE TYPE OF WOOD TREATMENT AND SPECIFIC CHEMICALS USED. THE CONTRACTOR SHALL PROVIDE AN APPLICABLE CORROSIVE CHEMICALS RESISTANCE REPORT.

1. ALL METAL, HARDWARE AND FASTENERS TO BE SAMPSON STRONG-ARMED APPROX EQUIVALENT TO 100,000 PSI.
 2. HOT DIPPED GALVANIZED OR IN ALTERNATE TREATED LUMBER SHALL BE USED TO PREVENT CORROSION OF METAL IN CONTACT WITH INSULATING MATERIAL.
 3. THE CORROSION RESISTANT METAL SHALL BE OF A TYPE THAT IS COMPATIBLE WITH THE INSULATING MATERIAL AND THE WOOD TREATMENT AND SELECTED TO RESIST CORROSION THAT WILL OBTAIN THE APPLICABLE CORROSIVE CHEMICALS.
- LEGEND:

 - Profile Solid Blocking
 - Match Post Size Above
 - Interior Bearing Wall

Diagram illustrating the components of a wall cross-section:

- INTERIOR BEARING WALL
- MASS FINISHING / CLADDING / MULL

- [illegible]

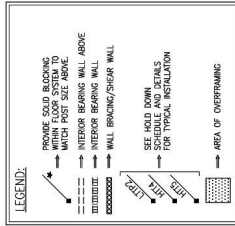
- 12" O.C. IN PANEL FIELD UNLESS OTHERWISE NOTED ON THE PLANS. SHEATHING SHALL BE APPLIED PERPENDICULAR TO TRAMING JOISTS. TRAMING JOISTS SHALL BE SPACED AT 12" O.C. UNLESS OTHERWISE NOTED. PROVIDE SUITABLE EDGE SUPPORT BY USE OF TAG PLYWOOD OR LUMBER BLOCKING UNLESS OTHERWISE NOTED. PANEL END JOINTS SHALL OCCUR OVER TRAMING. SHEATHING SHALL HAVE A 1/4" GAP AT PANEL ENDS AND EDGES AS

S-0.1

General Structural Notes

115 M.P.H.
North Carolina

Project #: 088-23012
Designed By: LMR
Checked By:
Issue Date: 7/24/24
Re-Issue:
Scale: 1/8"=1'-0" @ 11x17



BRICK VENEER LINTEL SCHEDULE		
SPAN	LINTEL SIZE	END BEARING
UP TO 3'-0"	$\frac{3}{4}" \times \frac{3}{4}" \times 8'$	4"
UP TO 6'-3"	$5' \times 3\frac{1}{2}" \times 8'$ L.L.V.	8"
UP TO 9'-6"	$6' \times 3\frac{1}{2}" \times 8'$ L.L.V.	12"

LINTELS ARE NOT DESIGNED TO BE BOLTED TO HEADERS
UNLESS SPECIFIED ON UNIT PLANS.
SPANS OVER 4'-0" SHALL BE SHORED UP UNTIL CURED.





MONOLITHIC SLAB FOUNDATION PLAN
ELEVATION C

★	PROVIDE SOLID BLOCKING TO MATCH POST SIZE ABOVE
→	→ BEARING WALL ABOVE
→	→ INTERIOR BEARING WALL
→	→ BRACE WALL PANEL
→	→ (SEE K&S STRUCTURAL DETAILS FOR SHEETING, FASTENING & BLOCKING DETAILS)
→	→ REFER TO K&S STRUCTURAL SET FOR GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS

Monolithic Slab Foundation Plans
Elevation C & Options
'Edisto' - RH
115 M.P.H.
North Carolina

S 3MS C

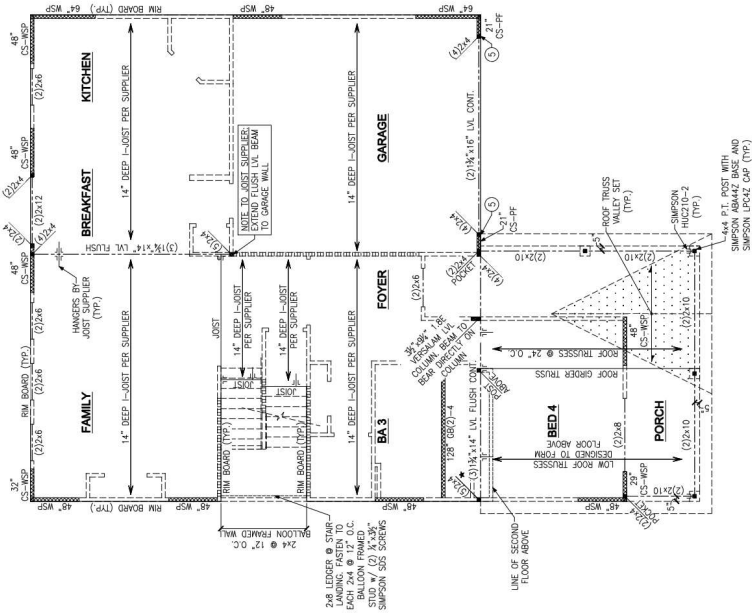
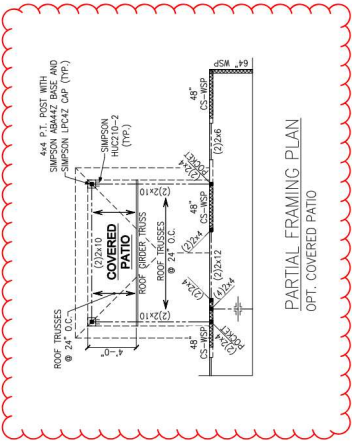


LEGEND

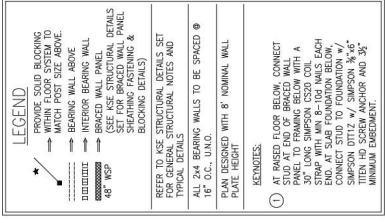
- PROVIDE SOLID BLOCKING WITHIN FLOOR SYSTEM TO MATCH POST SIZE ABOVE.
- USE 2X4 OR 2X6 JOIST HANGERS.
- INTERIOR BEARING WALL.
- BRACKET WALL PANEL (SEE KSE STRUCTURAL DETAILS FOR BRACKET WALL PANEL SHEETING FASTENING & BLOCKING DETAILS).
- REFER TO KSE STRUCTURAL DETAILS SET FOR BRACKET WALL PANEL TYPICAL DETAILS.
- PLAN DESIGNED WITH 5' NOMINAL WALL PLATE HEIGHT.
- FLOOR FRAMING TO BE 14" DEEP PER-40a. SPACING PER SUPPLIER. RM BOARD TO BE 1/4" RES-SPAN 1/4 190a, UNLS.

NOTES:

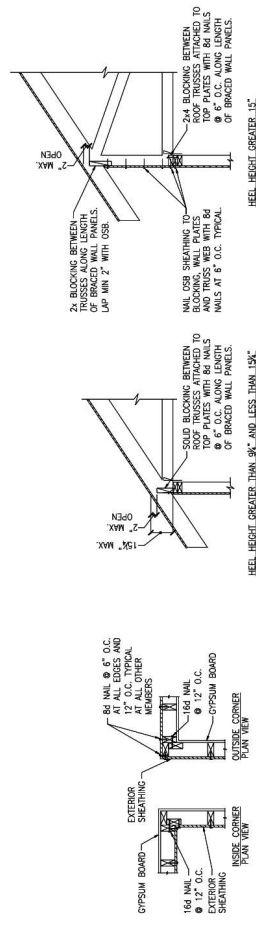
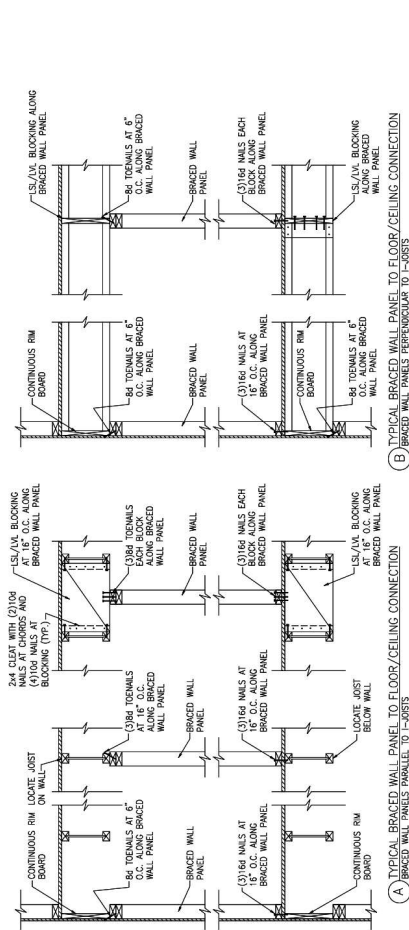
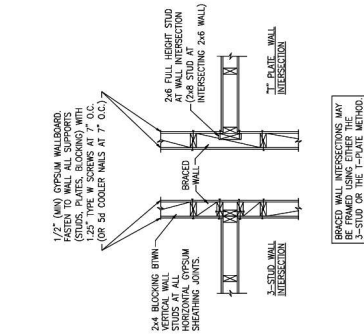
- INSTALL ONE PANEL CS-RF PORTAL FRAME PER DETAIL A OR B/D5-4.
- INSTALL TWO PANEL CS-RF PORTAL FRAME PER DETAIL A OR B/D5-4.



SECOND FLOOR FRAMING PLAN
 ELEVATION C

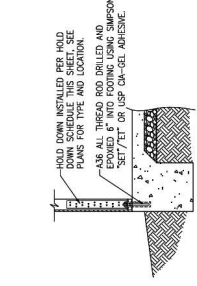


KSE
ENGINEERING
1900 AM DRIVE, SUITE 201, QUAKERTOWN, PA 18951
WWW.KSE-ENG.COM
(215) 864-4449

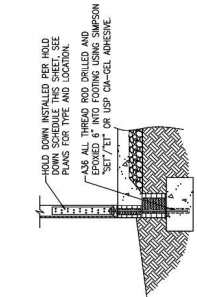




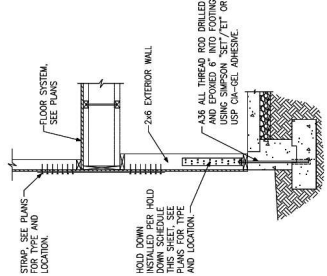
HOLD DOWN SCHEDULE			
SIMPSON	HOLD DOWN	ALL THREAD ROD	FASTENERS
LTP12	USP	1/2" DIA.	(12) 10x15" LONG NAILS
HTT4	HTT16	3/4" DIA.	(18) 16x26" LONG NAILS
HTT5	HTT45	3/4" DIA.	(20) 16x26" LONG NAILS



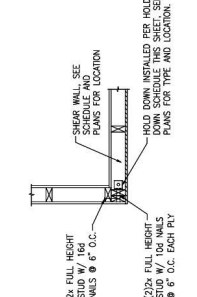
D HOLD DOWN AT MONOLITHIC SLAB FOUNDATION



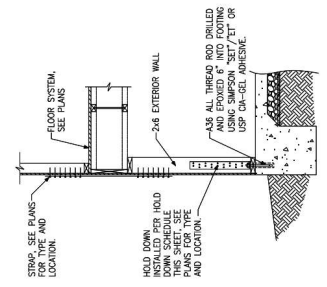
C HOLD DOWN AT STEM WALL SLAB FOUNDATION



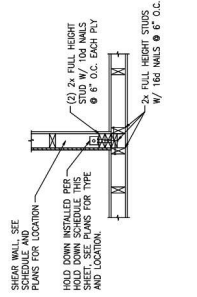
G HOLD DOWN AT BASEMENT FOUNDATION STEM WALL



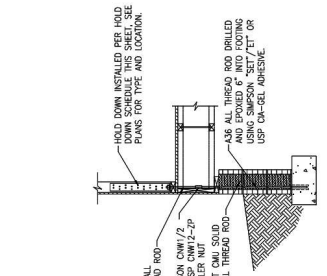
B TYPICAL HOLD DOWN DETAIL



F HOLD DOWN AT BASEMENT FOUNDATION MONOLITHIC TURN-DOWN



A TYPICAL HOLD DOWN DETAIL

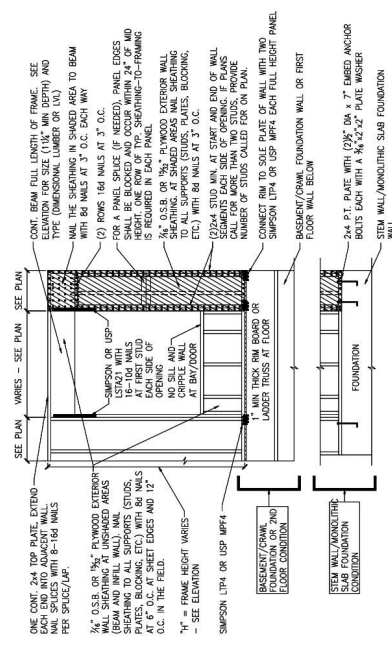


E HOLD DOWN AT CRAWL SPACE FOUNDATION

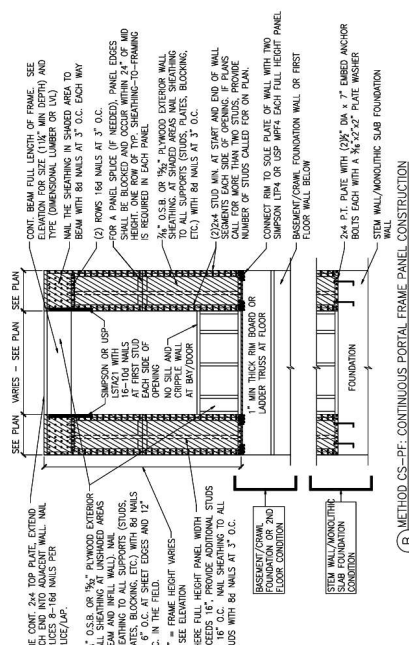
BRACED WALL, PANEL AND ENGINEERED SHEAR WALL SCHEDULE		
PANEL TYPES	PANEL TYPE	MATERIAL
WSP	INTERMITTENT WOOD STRUCTURAL PANEL	7/16" OSB
GR(1)	INTERMITTENT GYPSUM BOARD (SHEATHING ONE FACE OF WALL)	1/2" GYPSUM
GR(1)+4	INTERMITTENT GYPSUM BOARD (SHEATHING ONE FACE OF WALL)	1/2" GYPSUM
GR(2)	INTERMITTENT GYPSUM BOARD (SHEATHING BOTH FACES OF WALL)	1/2" GYPSUM
CS-WSP	CONTINUOUS SHEATHED WOOD STRUCTURAL PANEL	7/16" OSB
CS-PF	CONTINUOUS SHEATHED PORTAL FRAME WITH HOLD DOWNS	7/16" OSB
PFH	PORTAL FRAME WITH HOLD DOWNS	7/16" OSB
CS-ENW(1)	ENGINEERED SHEAR WALL, TYPE 1	7/16" OSB
CS-ENW(2)	ENGINEERED SHEAR WALL, TYPE 2	7/16" OSB
CS-ENW(3)	ENGINEERED SHEAR WALL, TYPE 3	7/16" OSB

BRACED WALL PANEL NOTES:

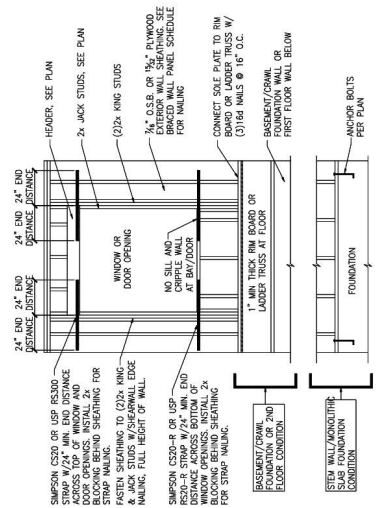
- ALL BRACED WALL PANELS, EXCEPT GR(1) & GR(2), SHALL HAVE 2x BLOCKING BETWEEN WALL STUDS AT ALL HORIZONTAL SHEET EDGES.
- PROVIDE NAILING/BLOCKING ABOVE AND BELOW WALL BRACED WALL PANELS PER KSE BRACED WALL DETAILS.
- SHEATH ALL EXTERIOR WALLS OF THE HOUSE WITH 1/2" OSB, OR 1/4" PLYWOOD, FASTENED PER NICK. AT EXTERIOR CORNERS, SHEATHING SHALL BE FASTENED PER KSE BRACED WALL DETAILS. AT INTERIOR WALL INTERSECTIONS, FASTEN STUDS & WALL BRACING PER KSE BRACED WALL DETAILS.



A METHOD CS-PF: CONTINUOUS PORTAL FRAME CONSTRUCTION
ONE BRACED WALL SEGMENT



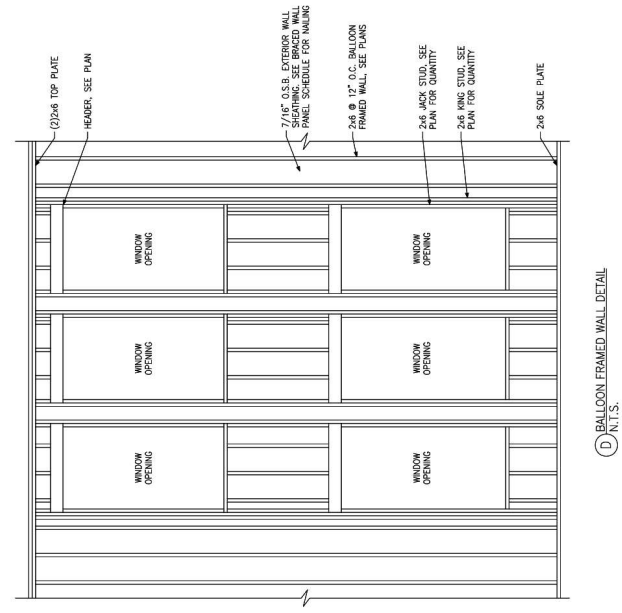
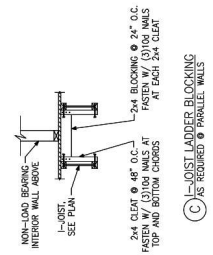
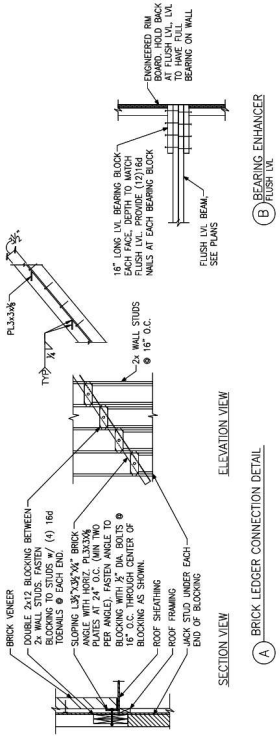
B METHOD CS-PF: CONTINUOUS PORTAL FRAME CONSTRUCTION
TWO BRACED WALL SEGMENTS



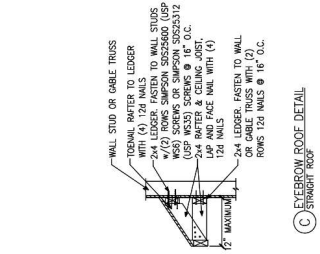
C WINDOW OR DOOR REINFORCEMENT IN ENGINEERED SHEAR WALL
ONLY REQUIRED WHERE SHOWN ON PLANS



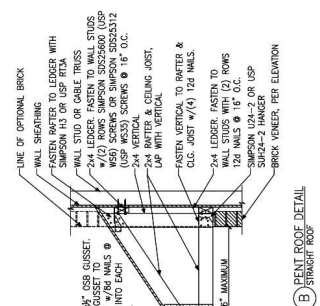




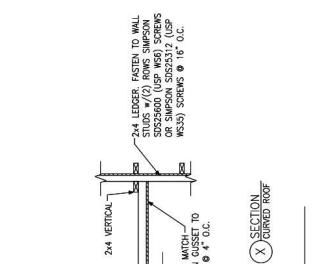
Miscellaneous Framing Details
Edisto, Jr. - RH
115 M.P.H.
North Carolina
Project # 088-23013
Designed By: DHE
Checked By: DHE
Issue Date: 7/27/24
Drawing Scale: 1/8"=1'-0" @ 11x17
1/4"=1'-0" @ 22x34
DS-5



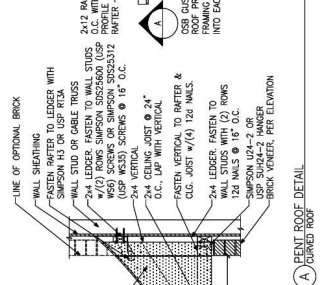
C EYEBROW ROOF DETAIL
STRAIGHT ROOF



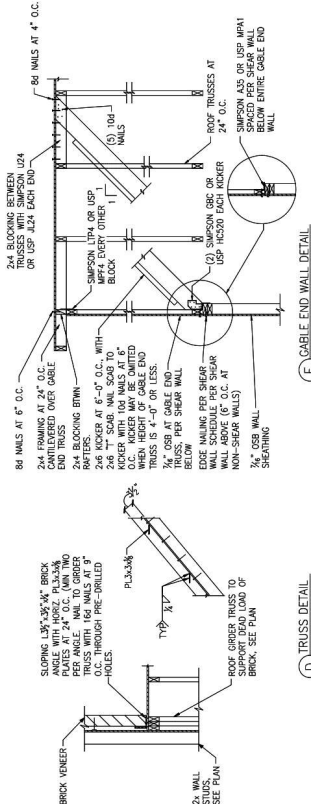
B BENT ROOF DETAIL
STRAIGHT ROOF



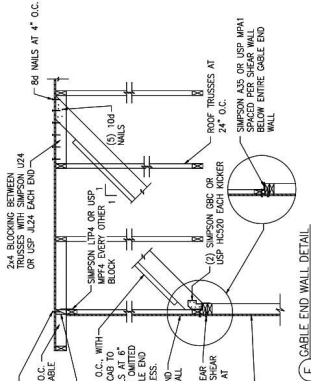
X SECTION
CURVED ROOF



A BENT ROOF DETAIL
CURVED ROOF



D TRUSS DETAIL



E CABLE END WALL DETAIL

General Notes:

** CUTTING OR DRILLING OF COMPONENTS SHOULD NOT BE DONE WITHOUT CONTACTING COMPONENT SUPPLIER FIRST. CUSTOMER TAKES FULL RESPONSIBILITY FOR COMPONENTS IF CUT BEFORE AUTHORIZATION.

** LVL AND JOISTS MUST BE FULLY CONNECTED TOGETHER PRIOR TO ADDING ANY LOADS.

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Plumbing drops noted are in approximate locations per plan. Builder must verify locations before setting joists.

All point loads from above must be transferred to bearing from under side of sheathing.

Refer to installation guide for ply to ply connections.

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