



D Square Footages:

1st Floor	1235
2nd Floor	1609
Garage	412
Front Porch	102
Covered Deck	160
3rd Car Garage	220

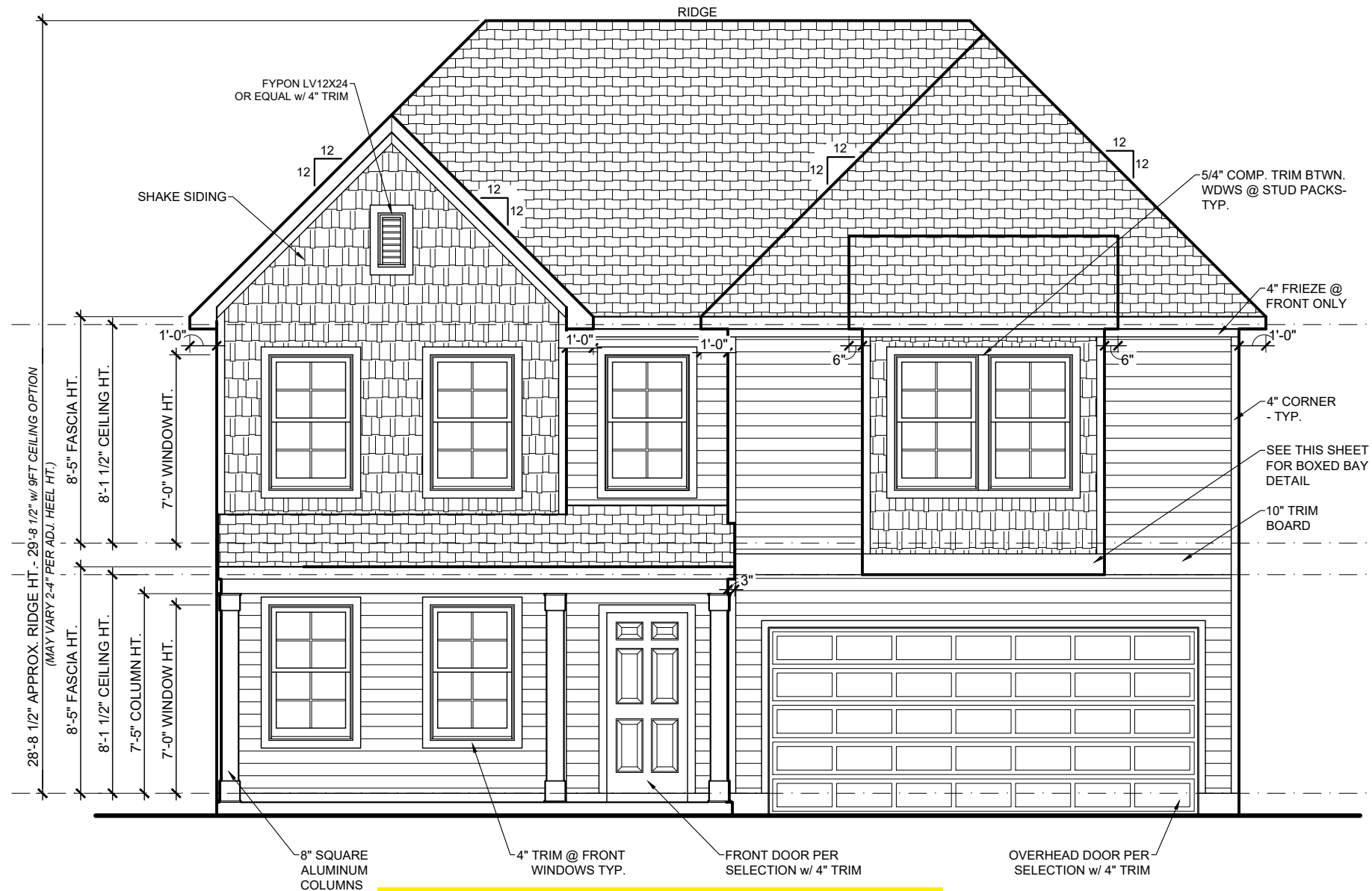
2844

LDP 11

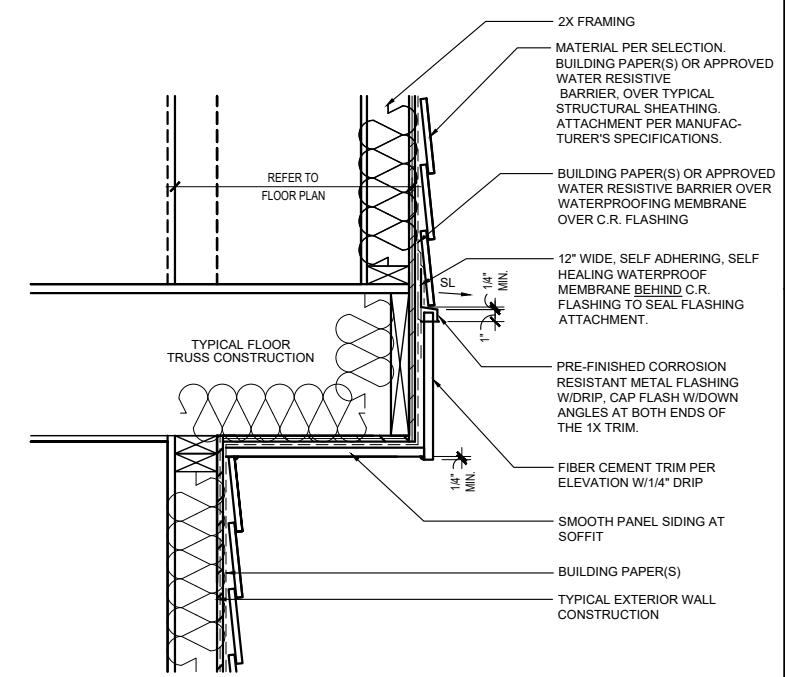
Telfair D
Genesis Series
V.04.02.00.00

Features:
Drawn By: pla
Date: 9/6/2024

A1



FRONT ELEVATION
3/16" = 1'-0"



SEE ENGINEERING FOR STRUCTURAL INFORMATION

BOXED BAY DETAIL
3/4" = 1'-0"

- LIST OF DRAWINGS
- A1 Front Elevation
 - A2 Elevations
 - A-R1 Roof Plans
 - B1 First Floor Plan
 - B2 Second Floor Plan
 - Primary Bath 5' Tile SH Option
 - B3 Guest Suite Option
 - B4 Foundation Information
 - E1 First Floor Electrical Plan
 - E2 Second Floor Electrical Plan
 - E3 Quest Suite Option Electrical
 - S0.0 Structural Details
 - SC1.3 Foundation Plan
 - S2.3 2nd Floor Framing Plan
 - S3.3 Roof Framing Plan
 - SO1.1 Option Framing Plans
 - FD-1 Foundation Details
 - FD-2 Foundation Details
 - FD-3 Foundation Details
 - SW-3 Structural Details
 - DD-1 Foundation Details

- 9FT CEILING OPTION NOTES:**
- Fascia heights from 1st Flr of main house increase 12in. Fascia heights from 2nd Flr of main house remain the same.
 - Fascia/beam/column heights at Front and Rear Porches remain the same.
 - Roof pitch at porch may change. Follow notes at elevations.
 - Window heights and sizes remain the same.

~~SEE SHEET AA-1 FOR STONE & BRICK WATER TABLE OPTIONS~~

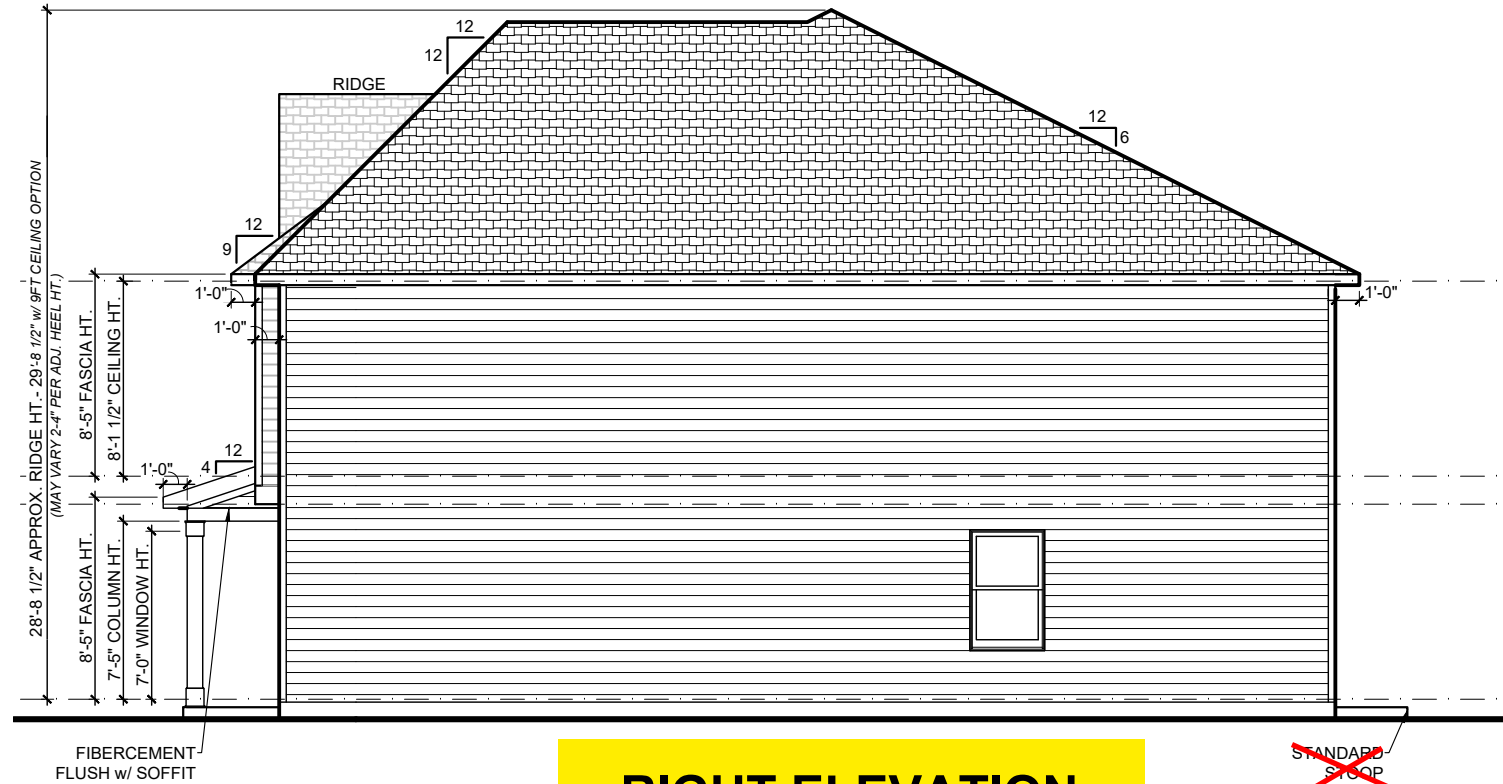
9FT CEILING OPTION NOTES:

1. Fascia heights from 1st Flr of main house increase 12in.
Fascia heights from 2nd Flr of main house remain the same.
2. Fascia/beam/column heights at Front and Rear Porches remain the same.
3. Roof pitch at porch may change. Follow notes at elevations.
4. Window heights and sizes remain the same.

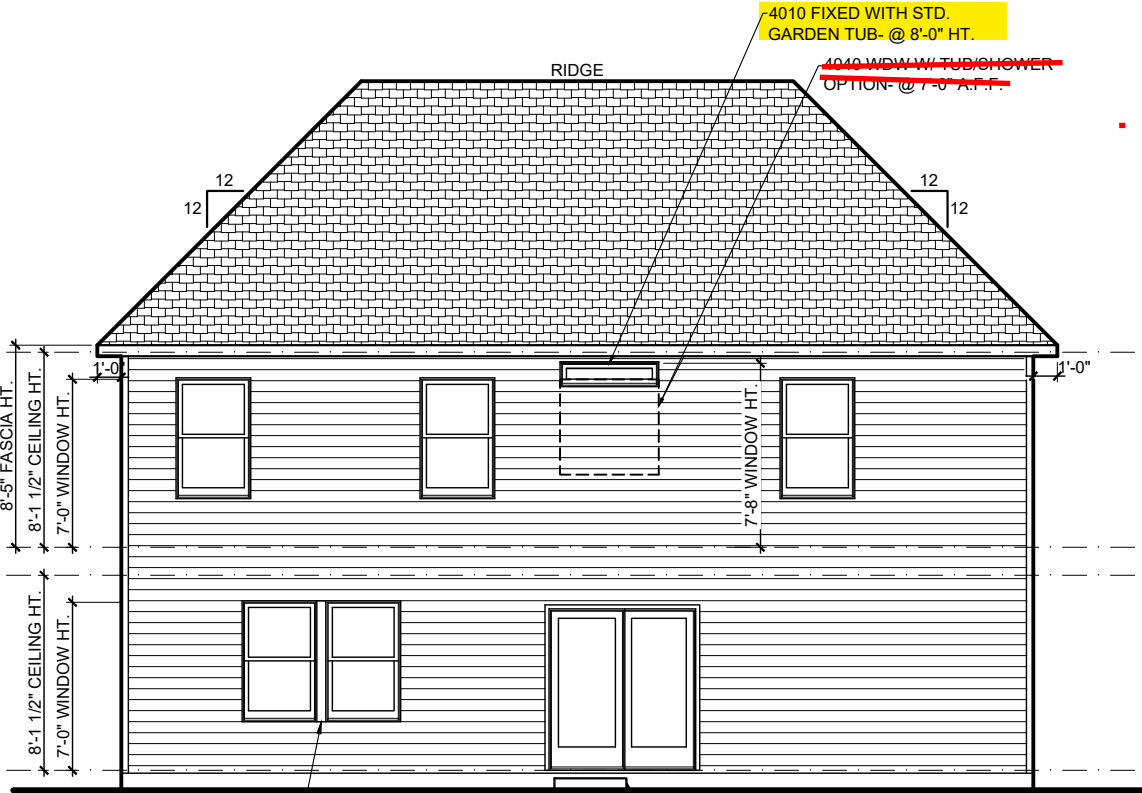


D Square Footages:

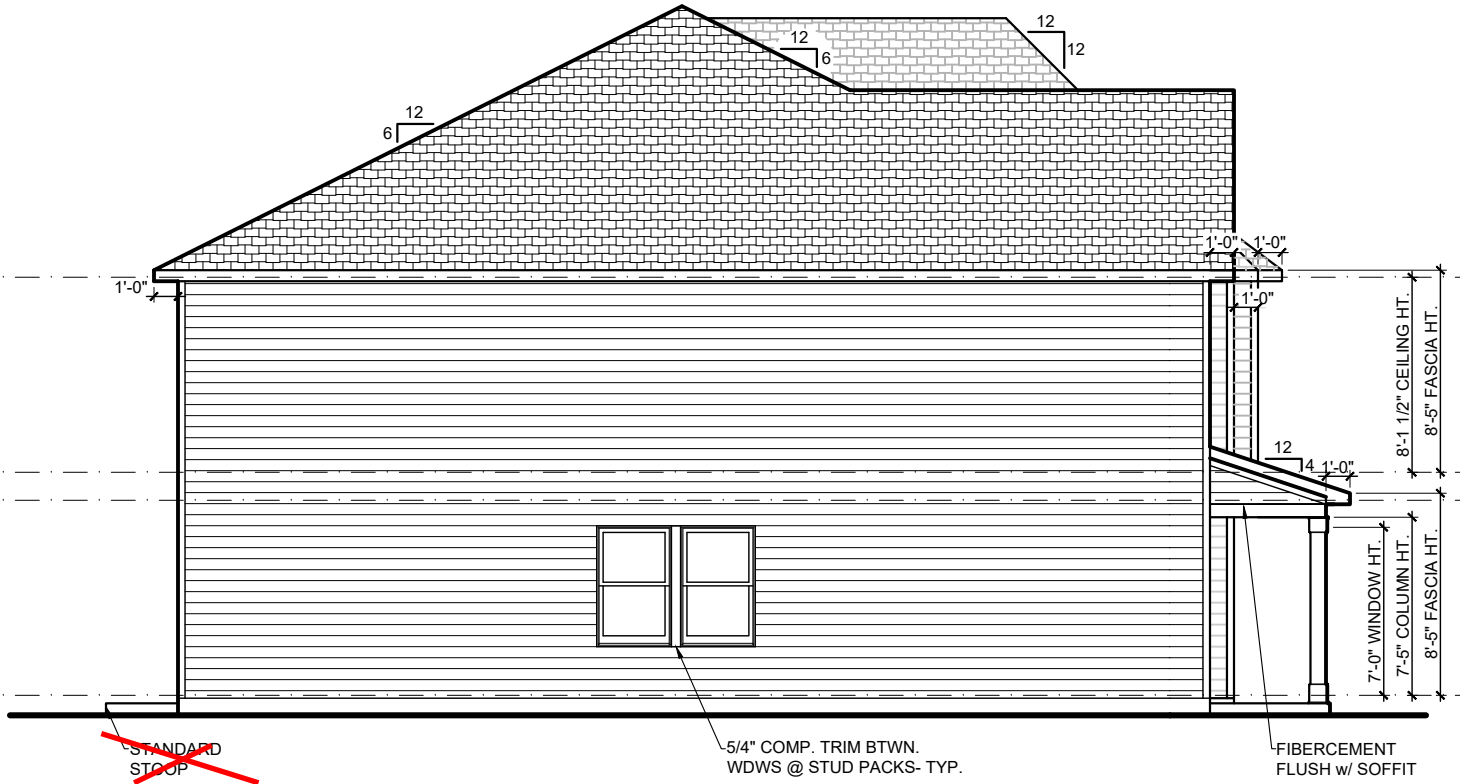
1st Floor.....	1235
2nd Floor.....	1609
Garage.....	412
Front Porch.....	102
Covered Porch Optional.....	120
3rd Car Garage Option.....	220



RIGHT ELEVATION
1/8" = 1'-0"



REAR ELEVATION
1/8" = 1'-0"



LEFT ELEVATION
1/8" = 1'-0"

Telfair D
Genesis Series
V.04.02.00.00

Features:
 Drawn By: pla
 Rev By: cja,atw
 jsc,EB
 Date: 9/6/2024

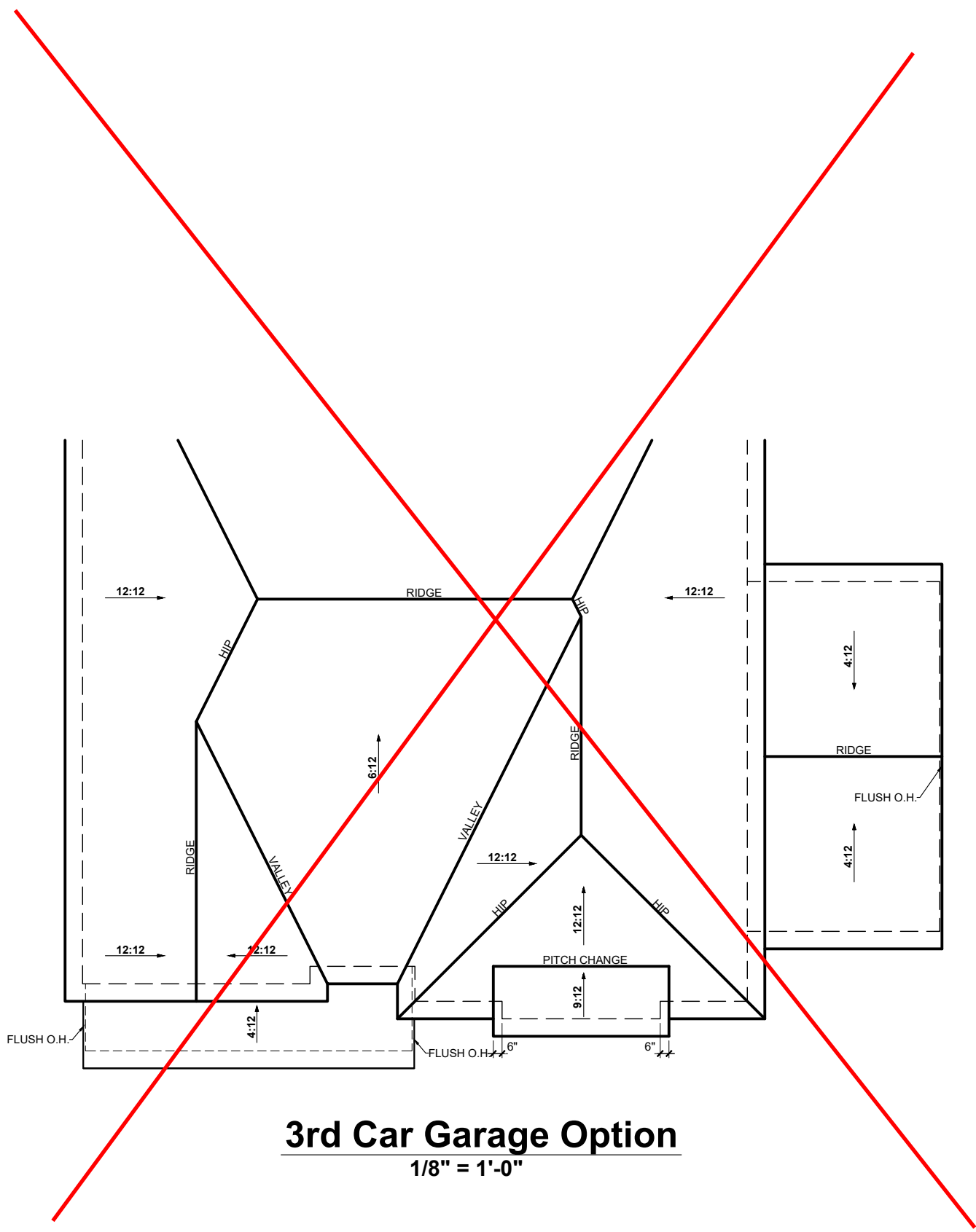
A2



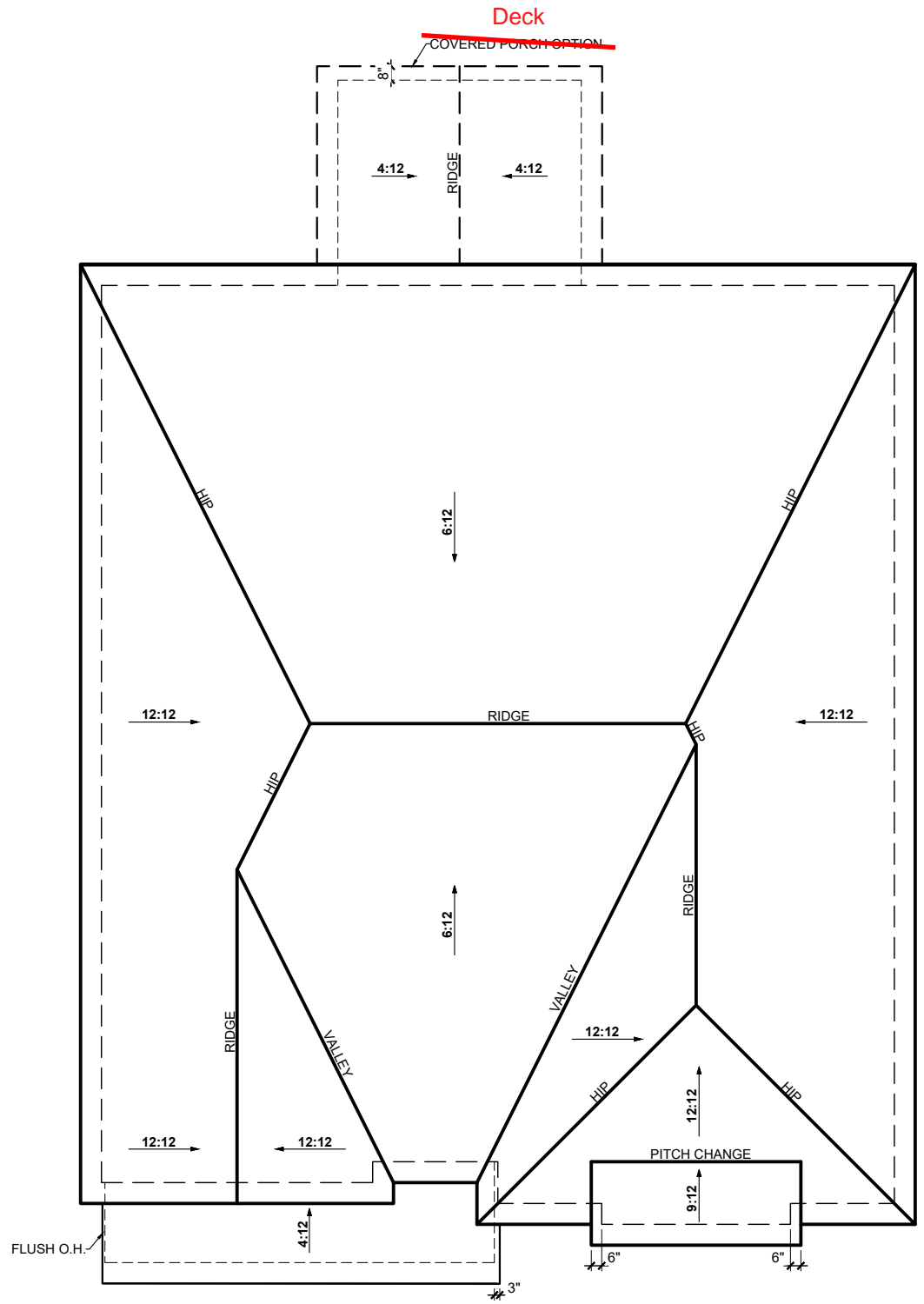
- NOTES:**
1. ALL OVERHANGS ARE 1'-0" U.N.O.
 2. ROOF PLANS *DO NOT* INCLUDE FULL BRICK OPTIONS.
 3. ROOF PLANS ARE NOT INTENDED FOR CONSTRUCTION USE. (INFORMATIONAL USE ONLY)
 4. BE SURE TO CHECK OVERHANG INFORMATION AT PLAN WHEN CALCULATING SOFFIT INTAKE

D Square Footages:

1st Floor.....	1235
2nd Floor.....	1609
Garage.....	412
Front Porch.....	102
Covered Porch Optional.....	120
3rd Car Garage Option.....	220



3rd Car Garage Option
1/8" = 1'-0"



ROOF PLAN
1/8" = 1'-0"

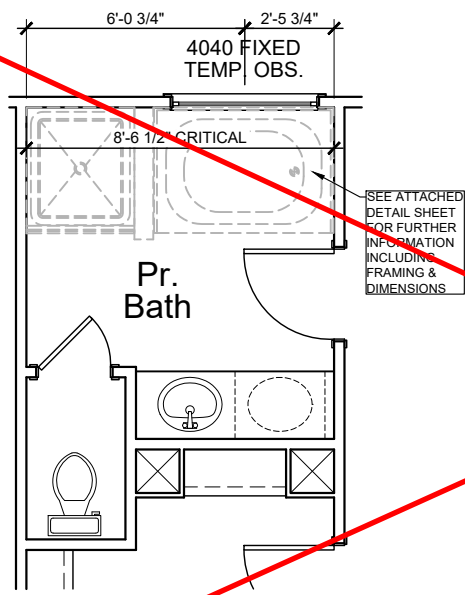
ROOF INFORMATION SUMMARY

MAIN ROOF-	
Base House:	
Attic Square Footage.....	1656 sf
Flat Soffit.....	148 lf
Ridge.....	43 lf
AREA(S) NOT AFFECTING MAIN ROOF-	
Front Porch:	
Attic Square Footage.....	77 sf
Flat Soffit.....	19 lf
Roof to Wall Ridge.....	17 lf
Rear Covered Porch Option:	
Attic Square Footage.....	115 sf
Flat Soffit.....	20 lf
Ridge.....	9 lf
3rd Car Garage Option :	
Attic Square Footage.....	220 sf
Flat Soffit.....	22 lf
Ridge.....	10 lf

Telfair D
Genesis Series
V.04.02.00.00

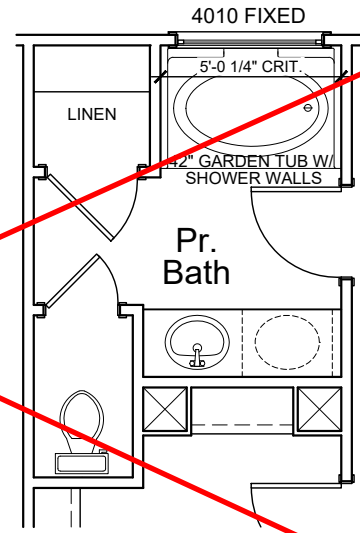
Features:
Drawn By: pla
Date: 9/6/2024
Rev By: cja,atw
jsc,EB

A-R 1



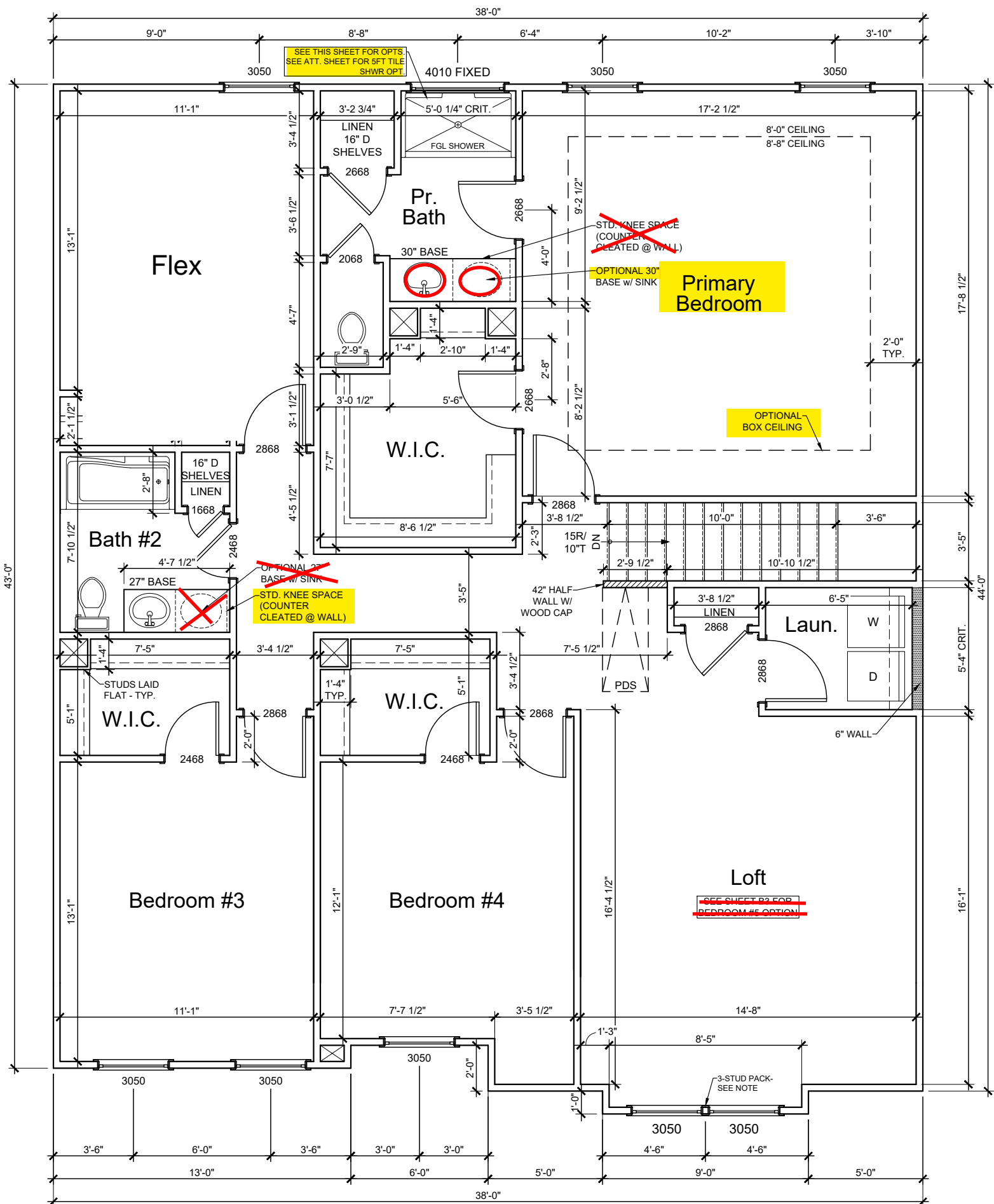
Tub/Shower Option

FOR ORIENTATION PURPOSES ONLY
@ PRIMARY BATH @ 2ND FLOOR



Garden Tub Opt.

3/16" = 1'-0" @ PRIMARY BATH



SECOND FLOOR

3/16" = 1'-0"

B2

Features:

Drawn By: pla

Date: 9/6/2024

Rev By: cja, atw

jsc, EB

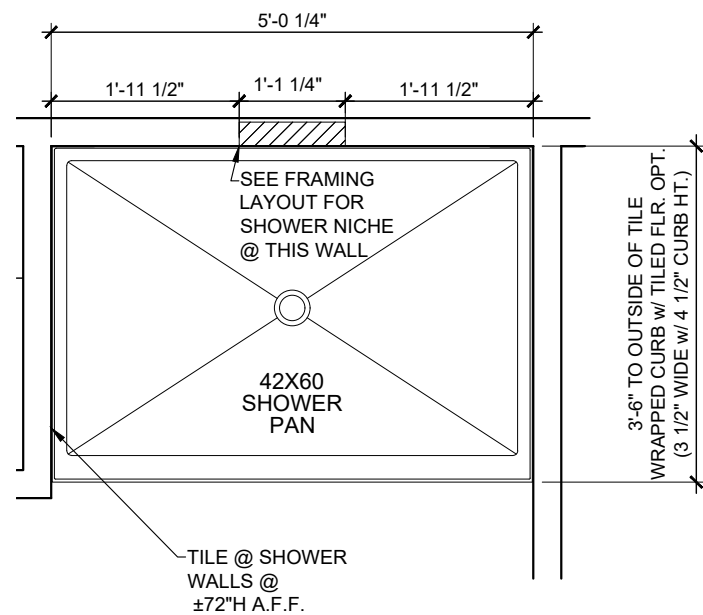
Telfair D

Genesis Series
v.04.02.00.00

1st Floor.....	1235
2nd Floor.....	1609
Garage.....	412
Front Porch.....	102
Covered Porch Optional.....	120
3rd Car Garage Option.....	220

D Square Footages:

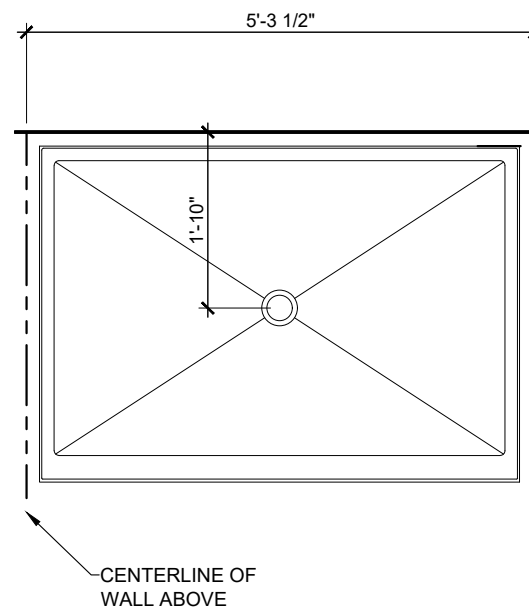




FLOOR PLAN

SCALE: 1/2" = 1'-0"

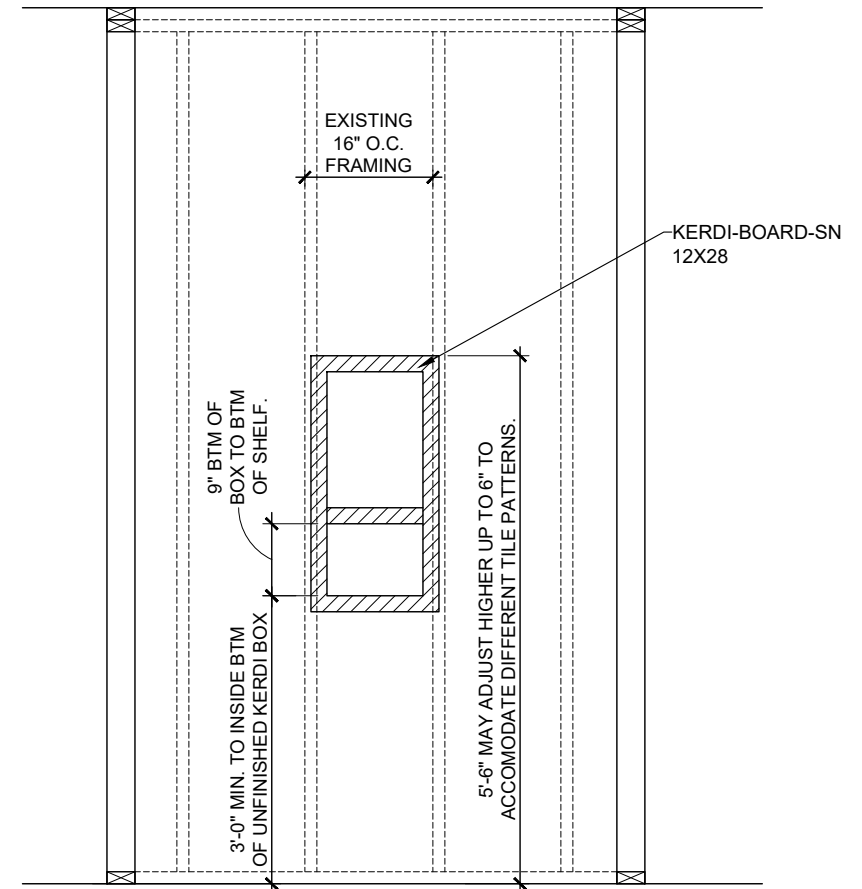
3'-6" TO OUTSIDE OF TILE WRAPPED CURB w/ TILED FLR. OPT. (3 1/2" WIDE w/ 4 1/2" CURB HT.)



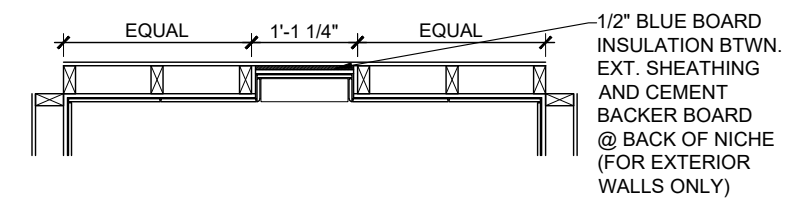
FOUNDATION INFORMATION

SCALE: 1/2" = 1'-0"

NOTE: THIS DETAIL IS NOT PLAN SPECIFIC, BUT SHOULD MATCH THE SHOWER ORIENTATION ON EACH PLAN SET.



ELEVATION VIEW



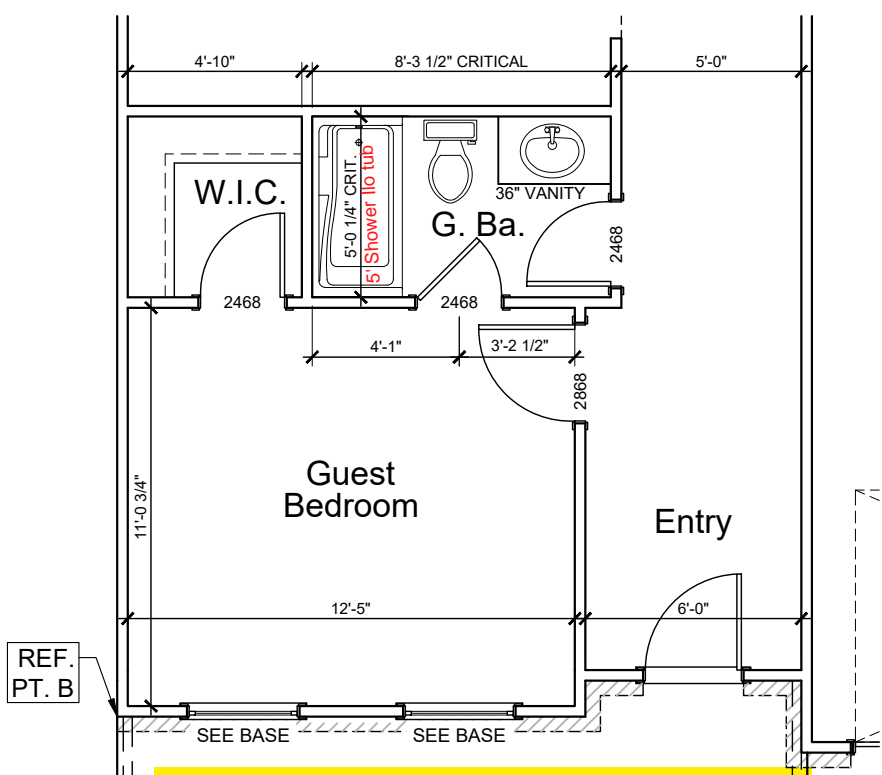
PLAN VIEW

KERDI SHOWER NICHE DETAIL

SCALE: 1/2" = 1'-0"

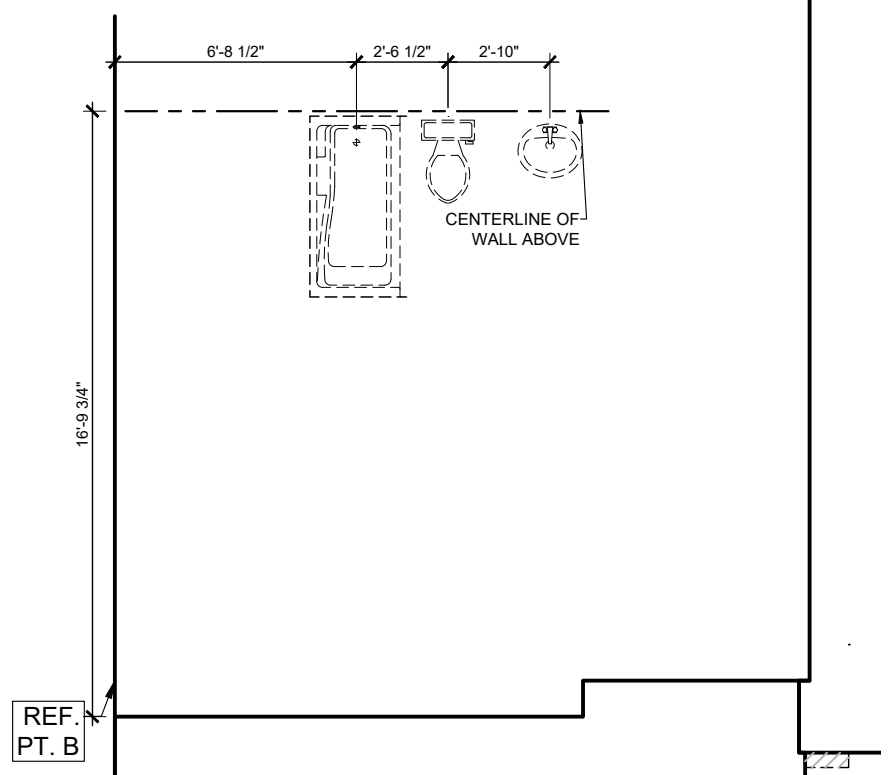
PRIMARY BATH
5' TILE SHOWER ONLY OPTION (42x60)
 SCALE: 1/2" = 1'-0"

Drawn By: KBM
 Date: 8/27/2024
 Rev. By: AM



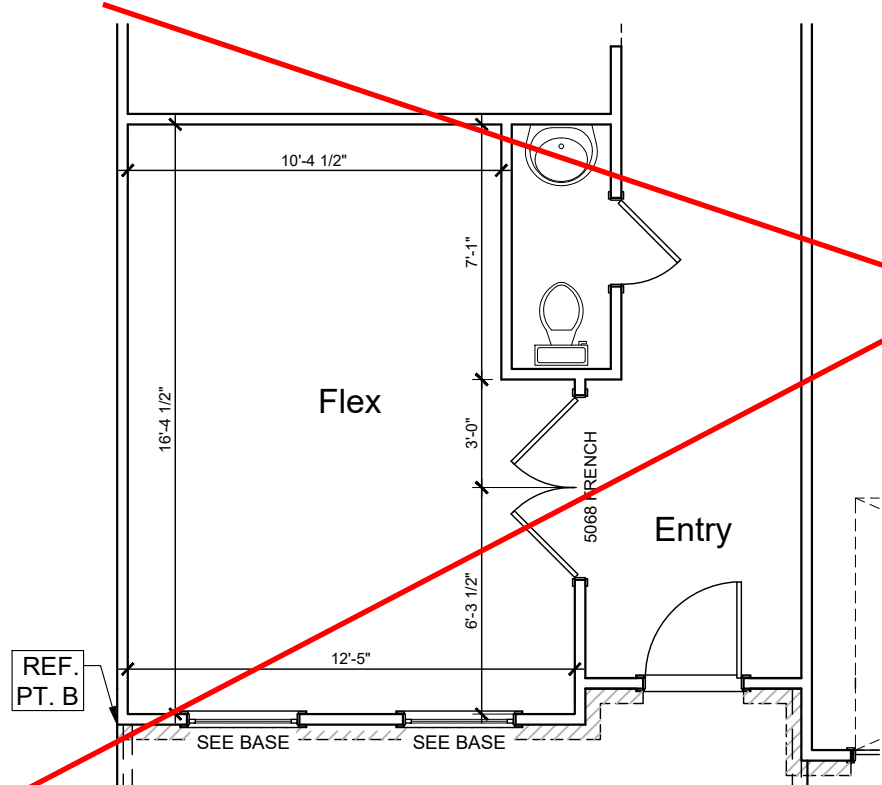
Guest Suite Option

3/16" = 1'-0" I.L.O. FLEX



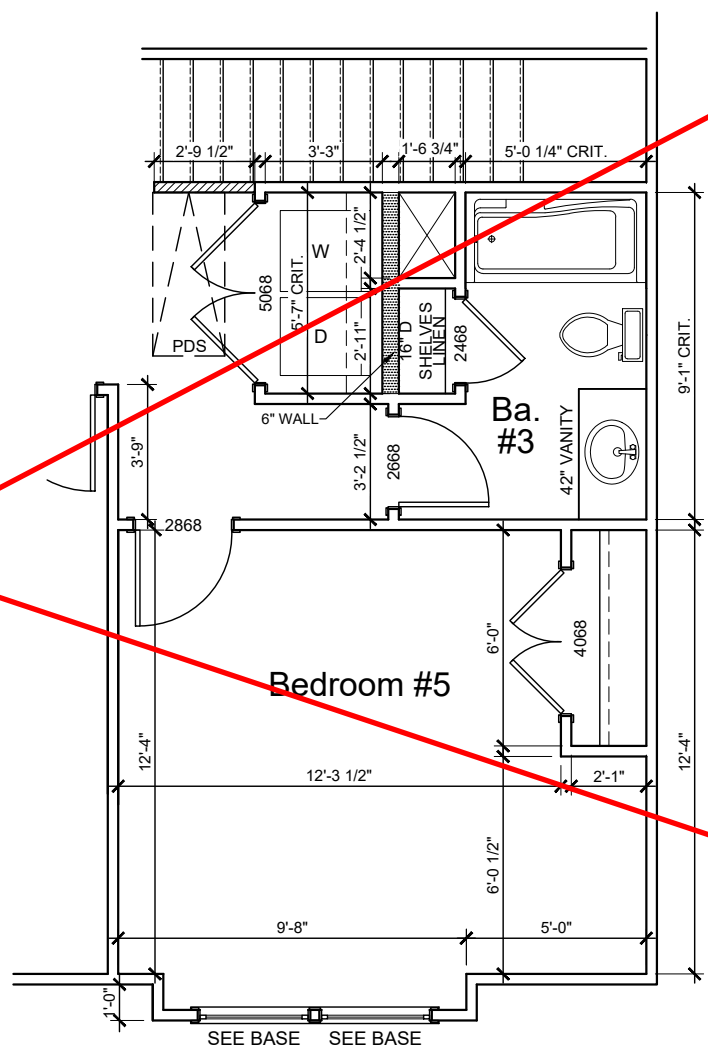
Guest Suite Option

3/16" = 1'-0" FOUNDATION INFO.



French Door Option

3/16" = 1'-0" @ FLEX



Bedroom #5 Option

3/16" = 1'-0" I.L.O. LOFT

B3

Features:

Drawn By: pla

Date: 9/6/2024

Rev By: cja, atw

jsc, EB

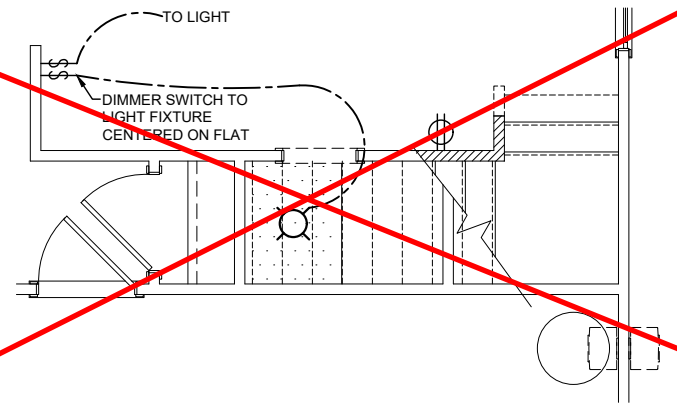
Telfair D

Genesis Series
v.04.02.00.00

1st Floor.....	1235
2nd Floor.....	1609
Garage.....	412
Front Porch.....	102
Covered Porch Optional.....	120
3rd Car Garage Option.....	220

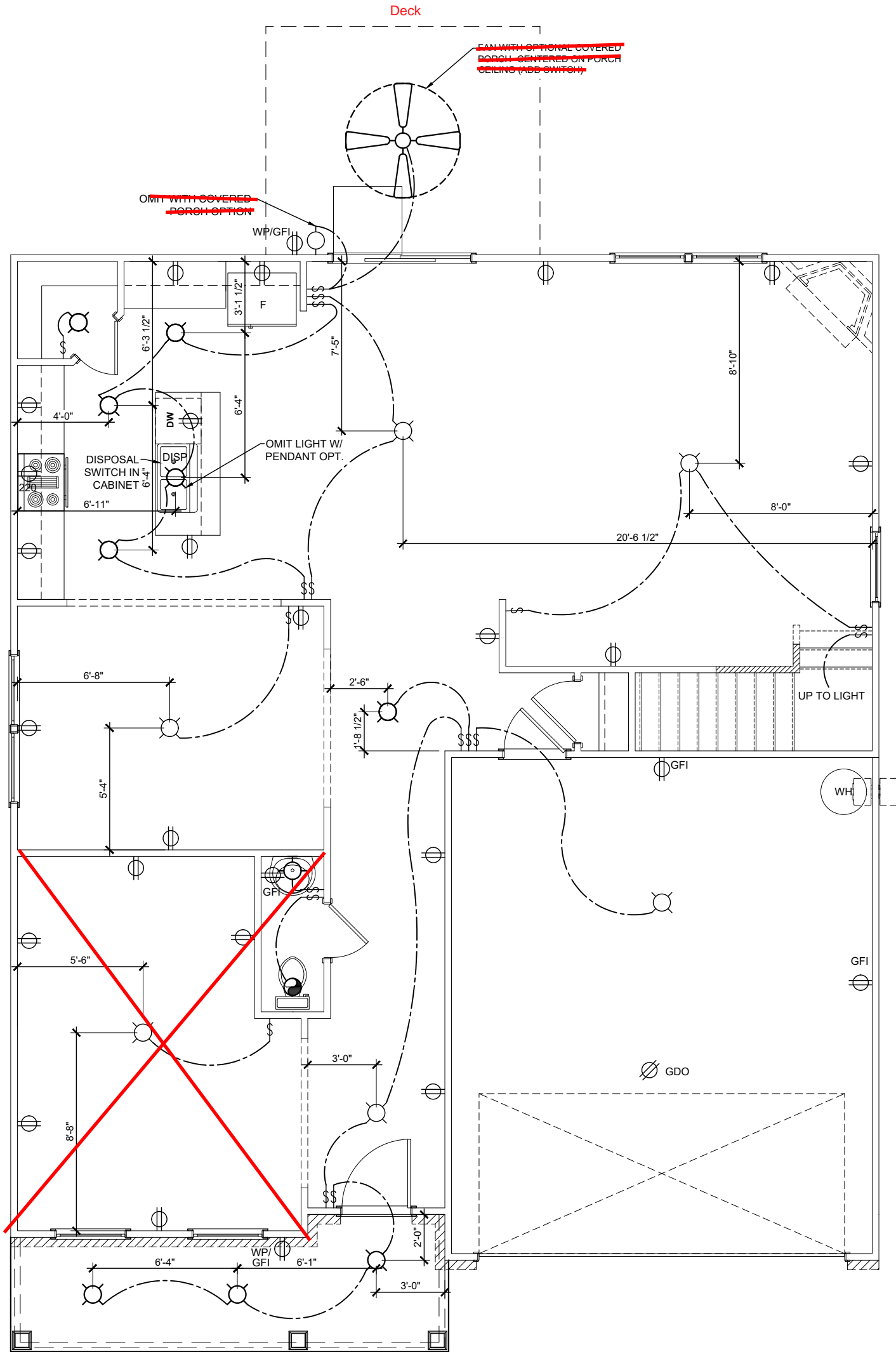
D Square Footages:





Pet Pad Option

3/16" = 1'-0"



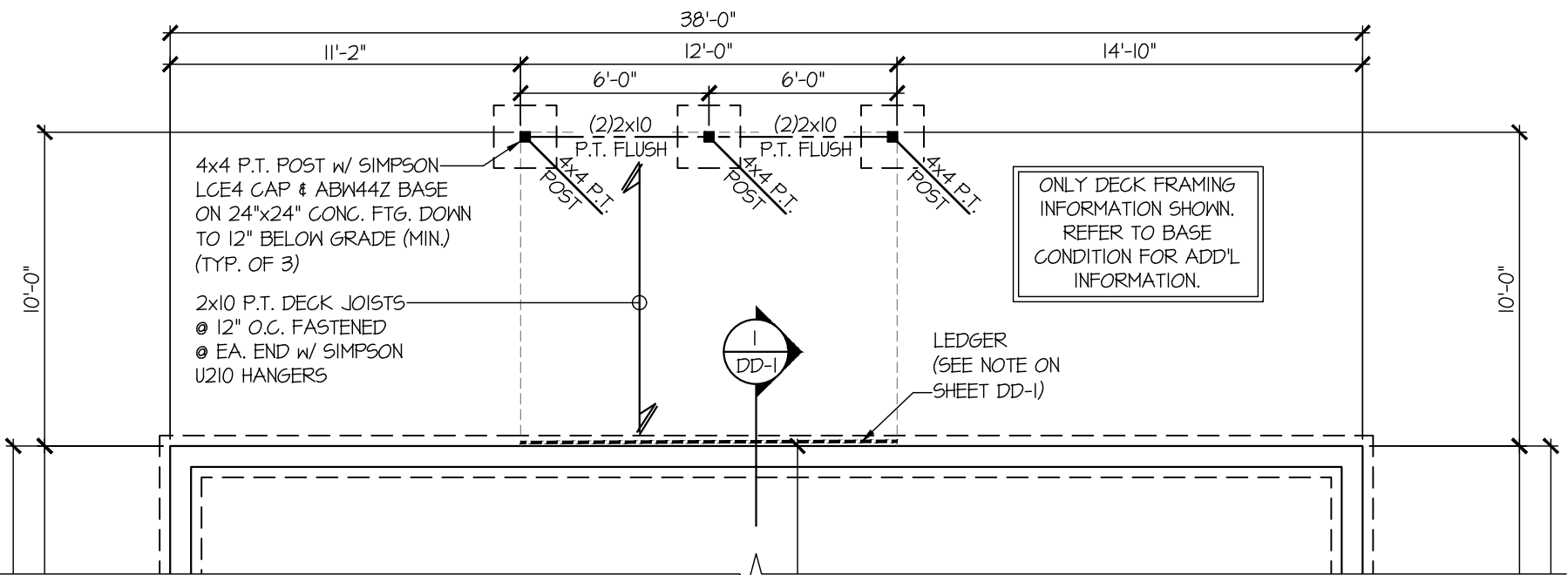
FIRST FLOOR - ELECTRICAL

3/16" = 1'-0"

E1	Features:	Telfair D Genesis Series v.04.02.00.00	1st Floor.....1235 2nd Floor.....1609 Garage.....412 Front Porch.....102 Covered Porch Optional.....120 3rd Car Garage Option.....220	D Square Footages:		
	Drawn By: pla					Rev By: cja, atw jsc, EB
	Date: 9/6/2024					

ADD'L HARDWARE SCHEDULE FOR
OPT. WOOD DECK

QTY	PRODUCT
24	SIMPSON U210 HANGER
3	SIMPSON LCE4 POST CAP
3	SIMPSON ABW44Z POST BASE
4	SIMPSON H3 CLIP
2	SIMPSON BC52-2/4 POST BASE



**PARTIAL CRAWLSPACE FOUNDATION PLAN
OPT. WOOD DECK**
SCALE: 3/16"=1'-0" ALL ELEVS. SIM.

REFER TO S-0.0 FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES

SO1.1

OPTION FRAMING PLANS

TELFAIR
COVERED PORCH
WIND SPEED < 115 MPH NORTH CAROLINA



DATE: 09-04-20

PROJECT NO: 192-17017

DRAWN BY: MDS

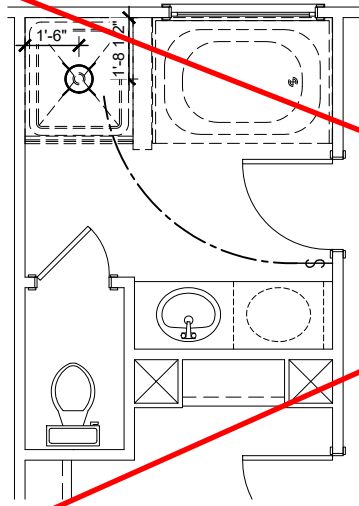
ISSUE DATE: 09-04-20

MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING

300 Brookside Ave, Building 4 - Ambler, PA 19002
p 215-646-8001 • mulhern+kulp.com

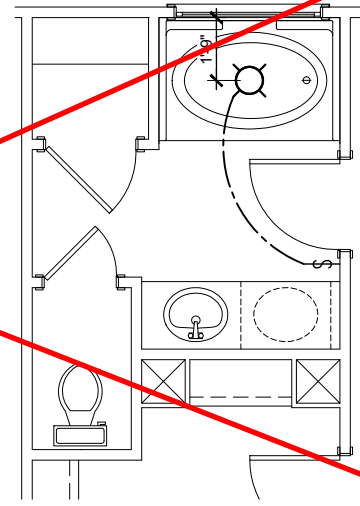
NC License # C-3825

2/19/24



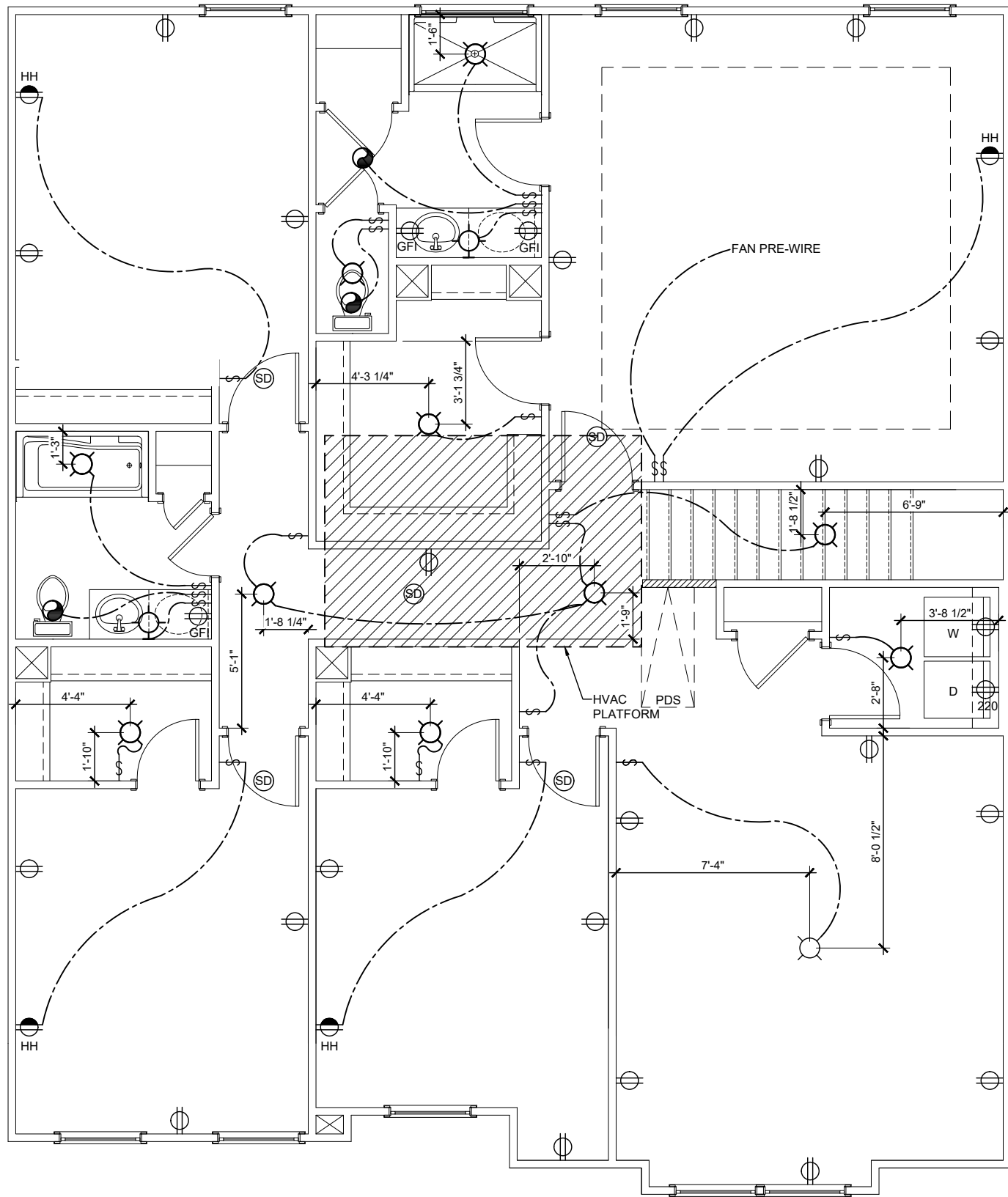
Tub/ Shower Option

FOR ORIENTATION PURPOSES ONLY
@ PRIMARY BATH @ 2ND FLOOR



Garden Tub Opt.

3/16" = 1'-0" @ PRIMARY BATH



SECOND FLOOR - ELECTRICAL

3/16" = 1'-0"

EN

Features:

Drawn By: pla

Rev By: cja, atw
jsc, EB

Date: 9/6/2024

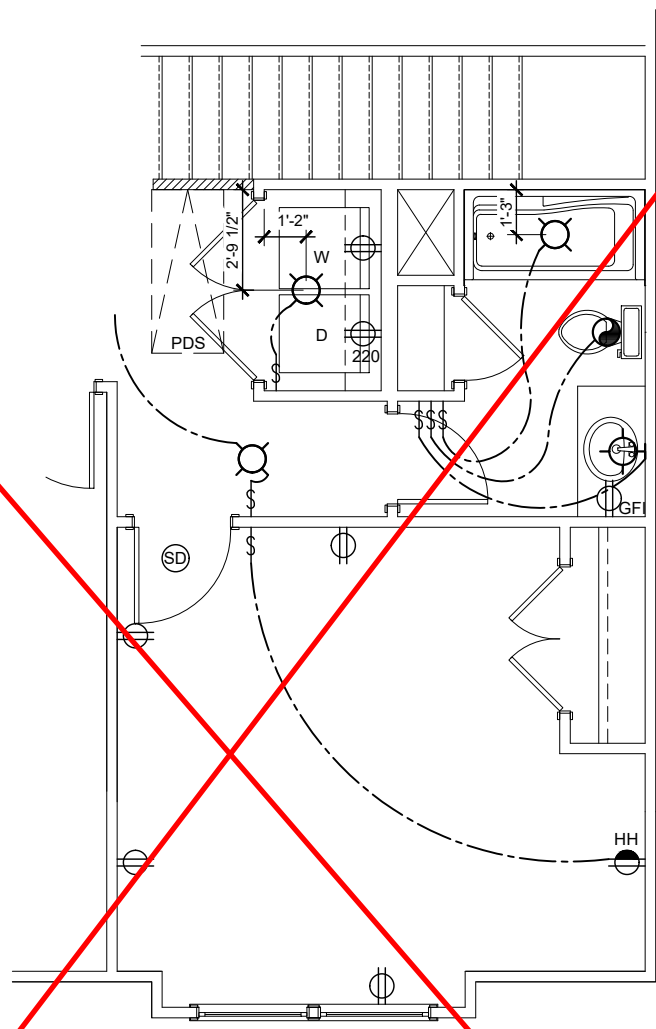
Telfair D

Genesis Series
v.04.02.00.00

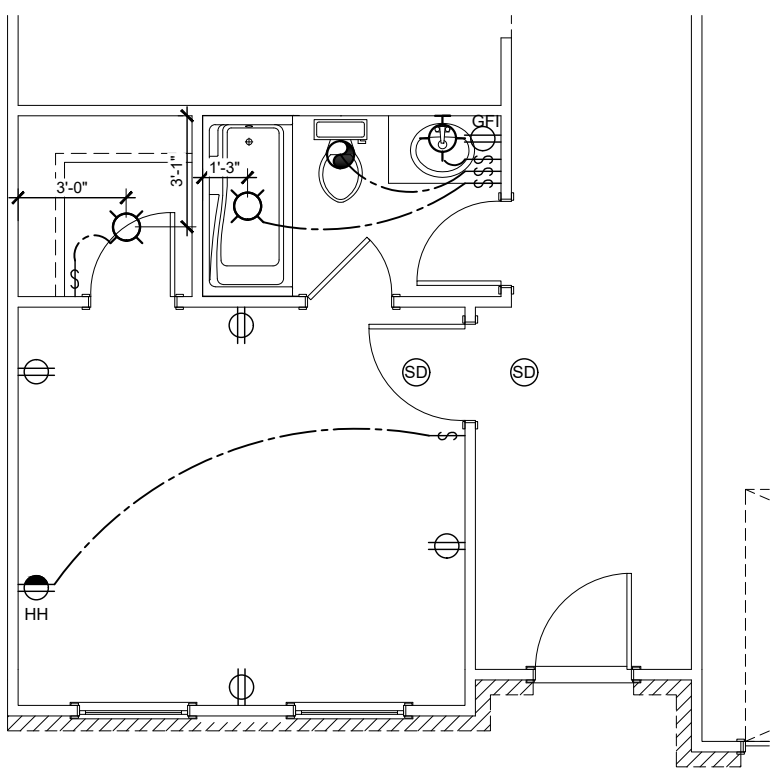
1st Floor.....	1235
2nd Floor.....	1609
Garage.....	412
Front Porch.....	102
Covered Porch Optional.....	120
3rd Car Garage Option.....	220

D Square Footages:

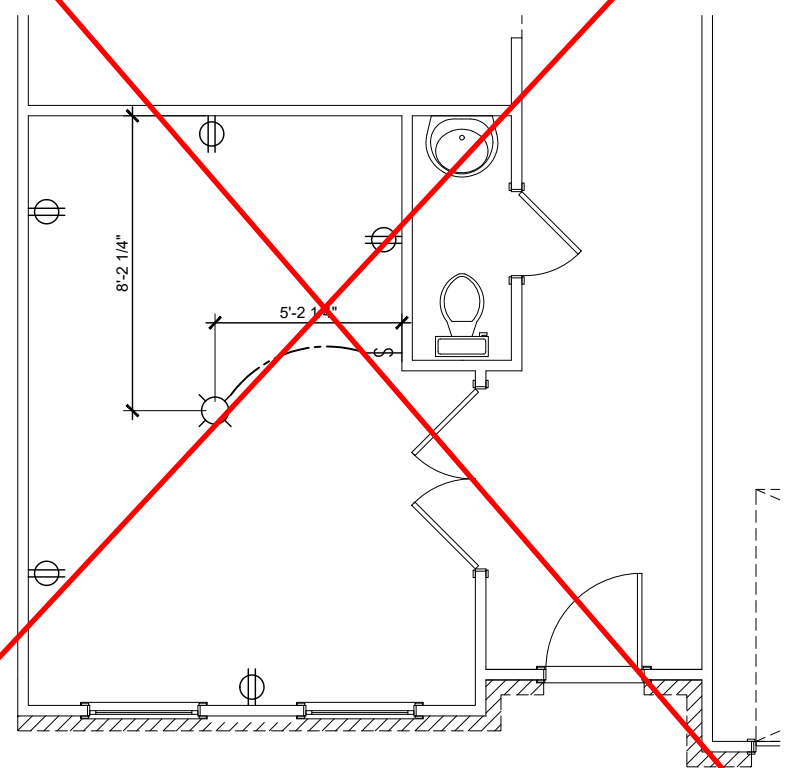




Bedroom #5 Option
 3/16" = 1'-0" I.L.O. LOFT



Guest Suite Option
 3/16" = 1'-0" I.L.O. FLEX



French Door Option
 3/16" = 1'-0" @ FLEX

E3

Features:
 Drawn By: pla Rev By: cja, atw
 Date: 9/6/2024 jsc, EB

Telfair D
 Genesis Series
 v.04.02.00.00

1st Floor.....	1235
2nd Floor.....	1609
Garage.....	412
Front Porch.....	102
Covered Porch Optional.....	120
3rd Car Garage Option.....	220

D Square Footages:



CONNECTION SPECIFICATIONS (TYP. U.N.O.)

Table with 3 columns: DESCRIPTION OF BLDG. ELEMENT, 3"x0.131" NAILS, 3"x0.120" NAILS. Rows include JOIST TO SOLE PLATE, STUD TO PLATE, RIM TO TOP JOISTS, etc.

* 2 3/8"x0.131 IS AN ACCEPTABLE ALTERNATIVE TO A 3"x0.120", SAME SPACING OR NUMBER OF NAILS. (ONLY ACCEPTABLE WHERE * ARE SHOWN)

VENEER LINTEL SCHEDULE

Table with 3 columns: SPAN (MAX), HEIGHT OF VENEER ABOVE LINTEL, STEEL ANGLE SIZE. Rows include 3'-0", 6'-0", 8'-0", 9'-6", 16'-0".

ALL LINTELS: - SHALL SUPPORT 2 3/8" - 3 1/2" VENEER w/ 40 psf MAXIMUM WEIGHT. < 16" SHALL HAVE 4" MIN. BEARING. > 16" SHALL HAVE 8" MIN. BEARING.

NON-BEARING HEADER SCHEDULE

Table with 3 columns: SPAN, 2x4 NON-BEARING PARTITION WALL, 2x6 NON-BEARING PARTITION WALL. Rows include UP TO 3'-0", UP TO 6'-0", UP TO 8'-0", UP TO 12'-0".

LEGEND section with symbols for interior bearing wall, bearing wall above, extent of overframing, extent of tile over floor, extent of bracing panels, etc.

MEANS & METHODS NOTES

THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS FINISHED AND ALL PLAN, DETAIL, AND NOTE SPECIFICATIONS HAVE BEEN COMPLETED.

STRUCTURAL DESIGN AND SPECIFICATIONS ASSUME THAT ALL SUPPORTING AND NON-SUPPORTING ELEMENTS IN CONTACT WITH FLOOR FRAMING ARE LEVEL.

GENERAL STRUCTURAL NOTES

FOUNDATION

- DESIGN IS BASED ON 2018 NORTH CAROLINA STATE RESIDENTIAL CODE.
FOOTING DESIGN - 2,000 PSF ALLOWABLE SOIL BEARING PRESSURE IS ASSUMED.
FASTEN 2x4/6 SILL PLATES TO CONC. FND WITH A MINIMUM OF 2 ANCHORS PER PLATE.

EXT. WALL SHEATHING SPECIFICATION

- 7/16" OSB OR 15/32" PLYWOOD: FASTEN SHEATHING w/ 2 3/8"x0.131 NAILS @ 6" O.C. AT EDGES @ 12" O.C. IN THE PANEL FIELD.
ALL SHEATHING PANELS SHALL BE ORIENTED VERTICALLY.

NOTES

- SEE CONNECTION SPECIFICATIONS CHART FOR STANDARD SHEAR TRANSFER DETAILING.
DESIGN ASSUMES ALL INTERIOR SHEAR WALLS AND EXTERIOR WALLS ARE CONTINUOUS SHEATHED ABOVE AND BELOW OPENINGS.

LIST OF ABBREVIATIONS

Table with 2 columns: Abbreviation, Full Name. Rows include B.F. BALLOON-FRAMED BEAM, BOT. BOTTOM BEARING, BRG. BEARING, etc.

EXTERIOR & SHEAR WALL SHEATHING SPECIFICATIONS

THIS MODEL HAS BEEN DESIGNED TO RESIST LATERAL FORCES RESULTING FROM: 115 MPH WIND IN 2018 NC5BC:RC

(115 MPH WIND SPEED IN ASCE 7-10 WIND MAP, PER NC5BC R301.2.1.1) EXP. B & SEISMIC CAT. A/B.

THE ENGINEERED DESIGN WAS COMPLETED PER 2015 IBC (SECTION 1604) & ASCE 7-10, AS PERMITTED BY R301.3 OF THE 2018 NC5BC. DESIGN WIND UPLIFT LOADS HAVE BEEN CALCULATED UTILIZING ASCE 7-10 (ACCEPTED ENGINEERING PRACTICE) AS ALLOWED PER 2018 NC5BC:RC SECTION R802.II.1.1.

GENERAL STRUCTURAL NOTES

FLOOR FRAMING

- TRUSSES SHALL BE DESIGNED BY MANUF. TO MEET OR EXCEED L/480 LIVE LOAD DEFLECTION CRITERIA.
PER THE GUIDELINES OF THE TILE COUNCIL OF NORTH AMERICA (TCNA HANDBOOK), IT SHALL BE THE FLOOR FINISH INSTALLER'S RESPONSIBILITY TO VERIFY THAT THE FINISHES TO BE INSTALLED MATCH THE DESIGN CRITERIA NOTED ABOVE.

ROOF FRAMING

- ROOF SHEATHING SHALL BE 7/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE 1 (OR APPROVED EQUAL).
WITHIN 48" OF ALL ROOF EDGES, RIDGES, & HIP'S FASTEN ROOF SHEATHING FIELDS PER EDGE NAILING SPEC.

GENERAL STRUCTURAL NOTES

FLOOR FRAMING

- TRUSSES SHALL BE DESIGNED BY MANUF. TO MEET OR EXCEED L/480 LIVE LOAD DEFLECTION CRITERIA.
PER THE GUIDELINES OF THE TILE COUNCIL OF NORTH AMERICA (TCNA HANDBOOK), IT SHALL BE THE FLOOR FINISH INSTALLER'S RESPONSIBILITY TO VERIFY THAT THE FINISHES TO BE INSTALLED MATCH THE DESIGN CRITERIA NOTED ABOVE.

ROOF FRAMING

- ROOF SHEATHING SHALL BE 7/16" A.P.A. RATED SHEATHING 24/16 EXPOSURE 1 (OR APPROVED EQUAL).
WITHIN 48" OF ALL ROOF EDGES, RIDGES, & HIP'S FASTEN ROOF SHEATHING FIELDS PER EDGE NAILING SPEC.

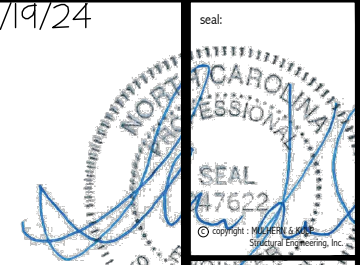
GENERAL STRUCTURAL NOTES

GENERAL FRAMING

- DESIGN IS BASED ON 2018 NORTH CAROLINA STATE RESIDENTIAL CODE.
WOOD FRAME ENGINEERING IS BASED ON NDS, "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" - LATEST EDITION.

GENERAL FRAMING

- ALL TYP. NAIL FASTENER REQUIREMENTS ARE NOTED IN STANDARD CONNECTIONS TABLE (IRC TABLE R602.3(1)) OR ON PLANS.
ALL INTERIOR BEARING WALLS ARE ASSUMED TO BE SHEATHED w/ GYP WALL BOARD (ONE SIDE MIN) OR PROVIDE MID HT. BLOCKING.



MULHERN+KULP RESIDENTIAL STRUCTURAL ENGINEERING 300 Beaverton Ave., Building 4 - Asheville, NC 28802



M&K project number: 192-17017 project mgr: SMK

drawn by: MDS issue date: 09-04-20

REVISIONS: date: initial:

ARCH: v.01.01.00.00



GENERAL STRUCTURAL NOTES TELFAIR WIND SPEED < 115 MPH NORTH CAROLINA

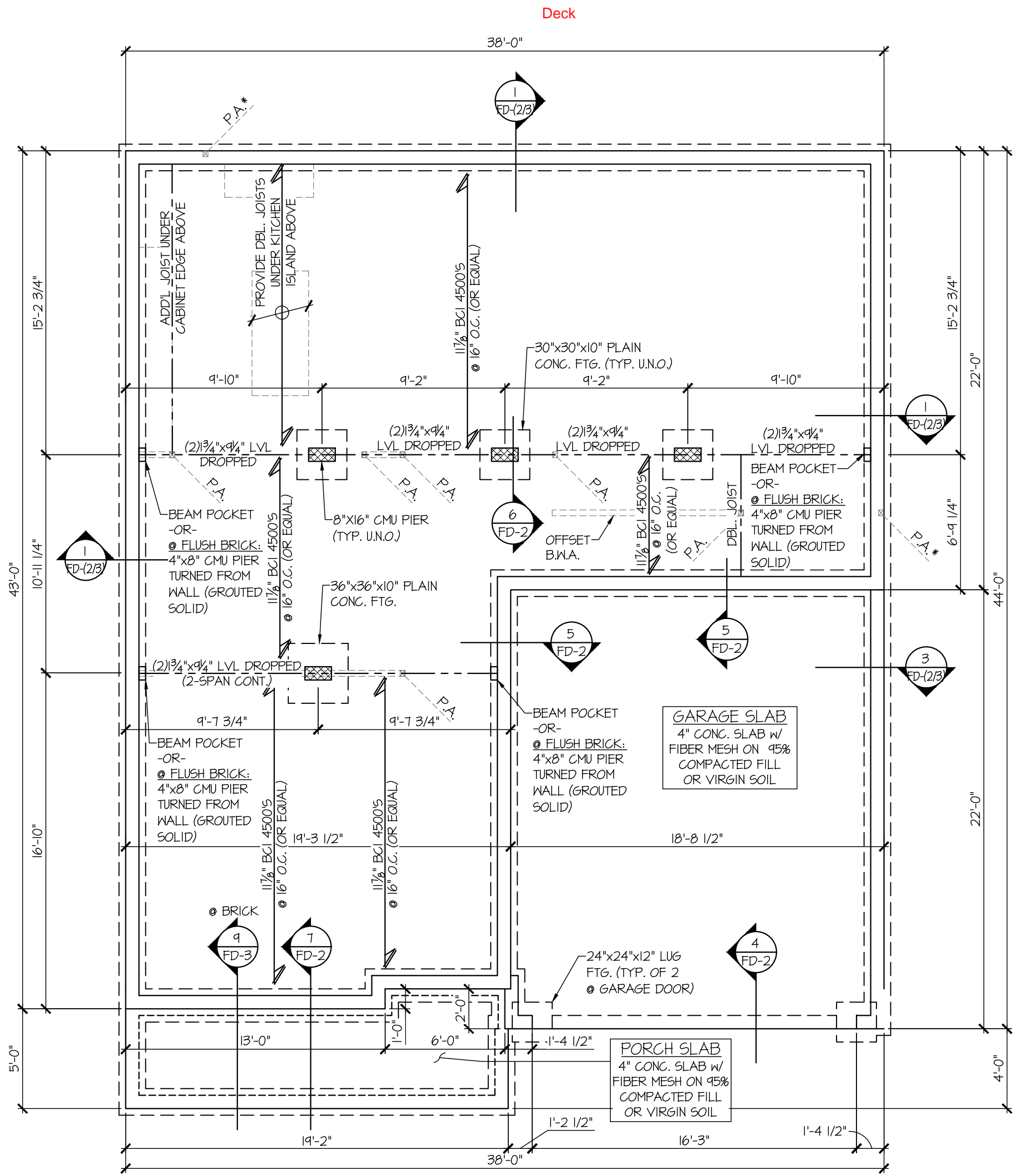
SO.0

DIMENSIONS REFLECT FACE OF WALL STUDS ABOVE OR CENTERLINES OF CRAWLSPACE PIERS (REFER TO DETAILS FOR FOUNDATION WALL PLACEMENT RELATIVE TO WALL FRAMING ABOVE

FOUNDATION HARDWARE SCHEDULE
ELEVATION D

QTY	PRODUCT
15	SIMPSON STRONG BOLT 2 ANCHORS

HARDWARE NOTES:
 - ALL NAIL HOLES FILLED
 - ALL COUNTS ESTIMATED
 - 15 ADDITIONAL 5/8" STRONG BOLT 2 ANCHORS INCLUDED FOR MISSED ANCHOR BOLTS



1 CRAWLSPACE FOUNDATION PLAN
SCALE: 3/16"=1'-0" ELEV. D

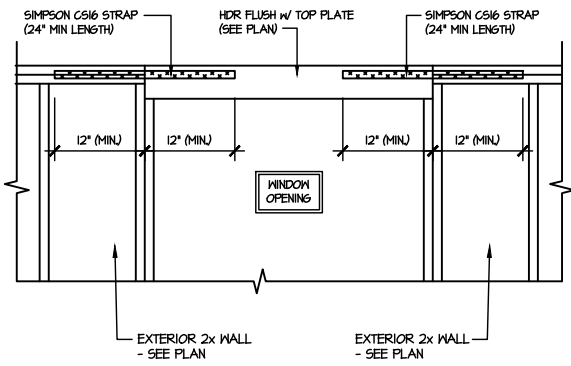
REFER TO S-0.0 FOR TYPICAL STRUCTURAL NOTES & SCHEDULES

<p>SC1.3</p>	<p>FOUNDATION PLAN</p>	<p>MUNGO HOMES</p>	<p>ARCH: 01.01.0000</p>	<p>date: _____</p>	<p>REVISIONS: _____</p>	<p>drawn by: MDS</p>	<p>issue date: 09-04-20</p>	<p>Mk project number: 192-17017</p>	<p>project mgr: SMK</p>	<p>300 Brookside Ave, Building 4 • Amber, PA 19002 p: 215-646-8801 • mulhern+kulp.com</p>	<p>MULHERN+KULP RESIDENTIAL STRUCTURAL ENGINEERING</p>	<p>SEAL 47622</p>	<p>2/19/24</p>
	<p>TELFAIR ELEVATION D WIND SPEED < 115 MPH NORTH CAROLINA</p>												

ROOF HARDWARE SCHEDULE
ELEVATION D

QTY	PRODUCT
60	SIMPSON H2.5A CLIP
2	SIMPSON C616 STRAP (24"/STRAP)

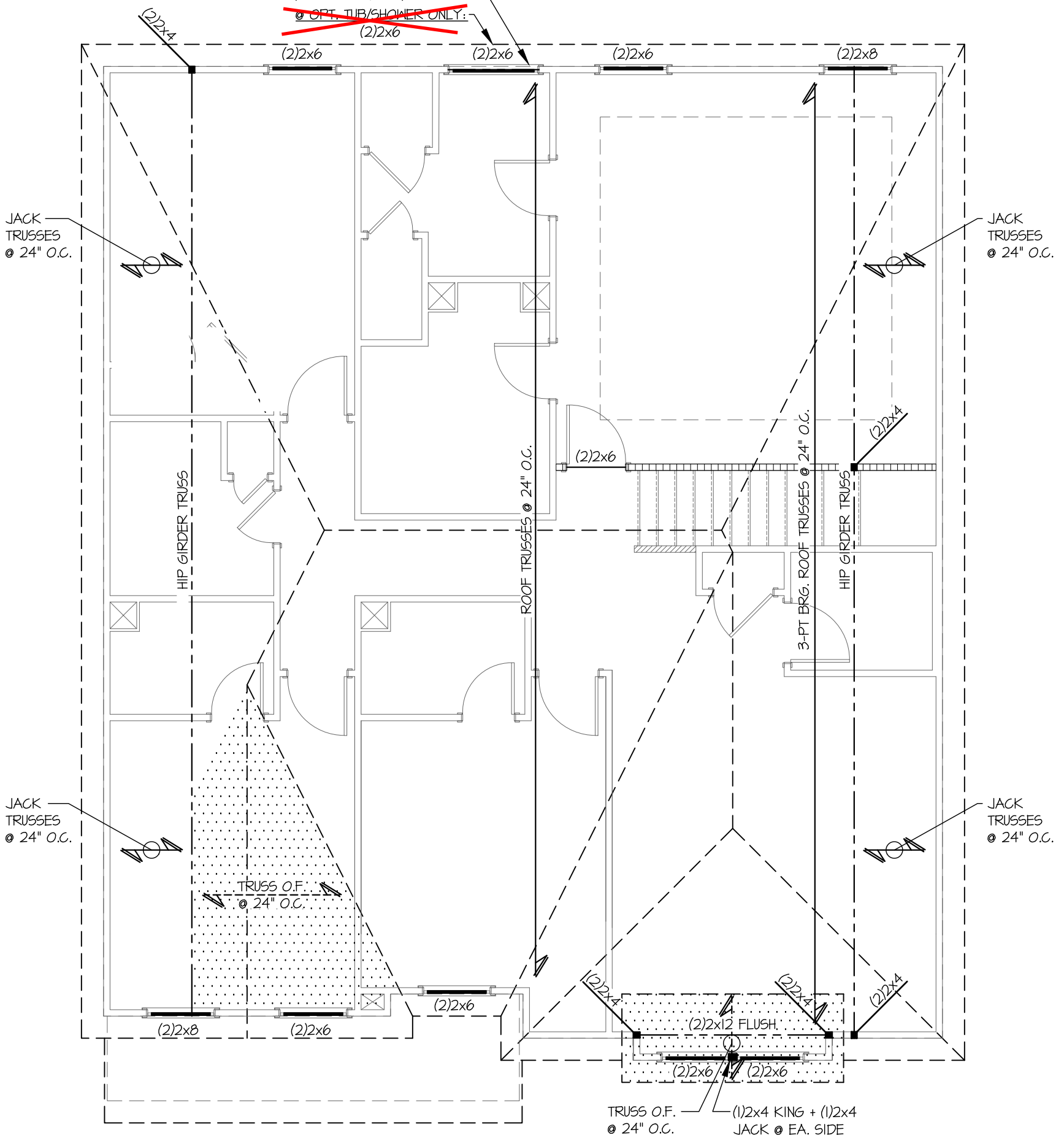
HARDWARE NOTES:
 - ALL NAIL HOLES FILLED
 - ALL COUNTS ESTIMATED
 - HARDWARE COUNT DOES NOT INCLUDE TRUSS TO TRUSS CONNECTIONS



SHEAR TRANSFER DETAIL AT UPSET WINDOW
SCALE: 3/8"=1'-0"

HDR FLUSH w/ TOP PLATE; PROVIDE C616 STRAP FROM HDR TO DBL TOP PLATE (12" MIN. END LENGTH) (SEE DTL. A/53.3)

~~@ OPT. TUB/SHOWER ONLY:
(2)2x6~~



PLAN DESIGNED FOR
8' PLATE HEIGHT

REFER TO S-0.0 FOR
TYPICAL STRUCTURAL NOTES
& SCHEDULES

1 ROOF FRAMING PLAN
SCALE: 3/16"=1'-0" ELEV. D
(2ND FLOOR WALLS SHOWN)

S3.3

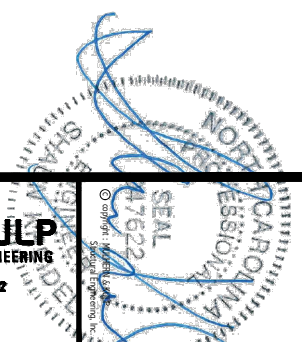
ROOF FRAMING PLAN
TELFAIR
ELEVATION D
WIND SPEED < 115 MPH NORTH CAROLINA



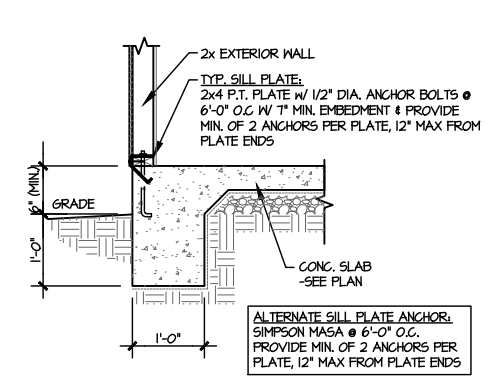
ARCH: 01.01.0000
 date: mld
 REVISIONS:
 project mgr: SMK
 drawn by: MDS
 issue date: 09-04-20
 M&K project number:
 192-17017



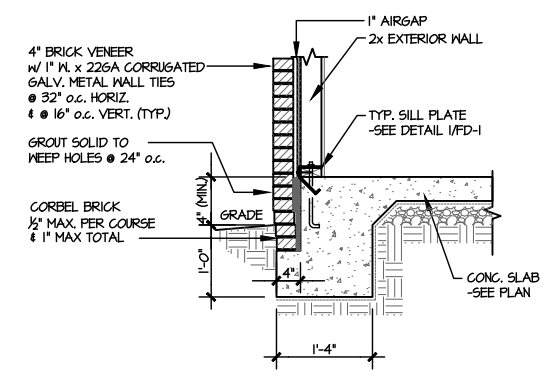
MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
 300 Brookside Ave, Building 4 - Amber, PA 19002
 p: 215-646-8001 • mulhern+kulp.com
 NC License # C-3825



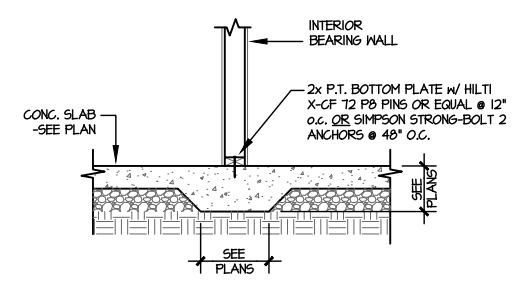
2/9/24



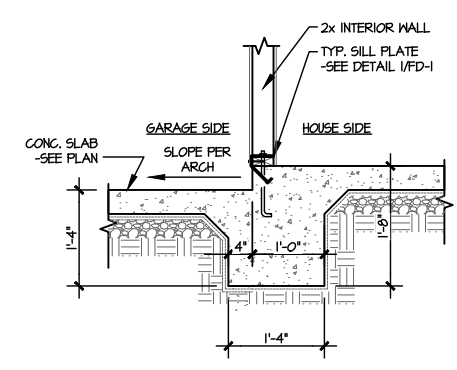
1 TYPICAL TURNDOWN @ EXT. WALL
SCALE: 3/8\"/>



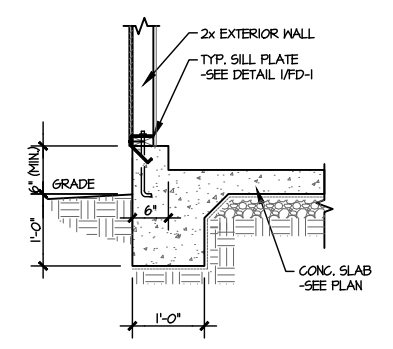
2 TYPICAL TURNDOWN @ EXT. WALL (BRICK)
SCALE: 3/8\"/>



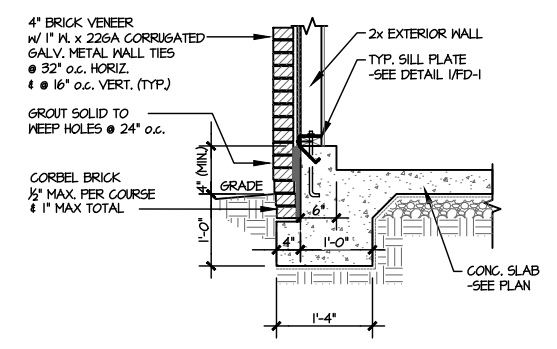
3 TYPICAL THICKENED SLAB @ INTERIOR BEARING WALL
SCALE: 3/8\"/>



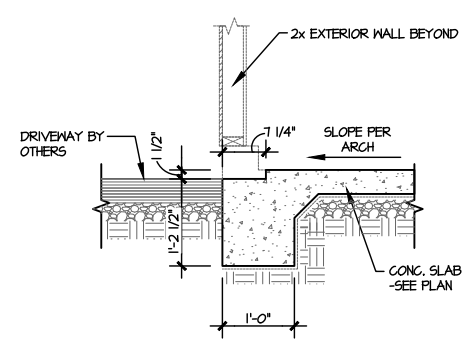
4 TYPICAL INT. FOOTING BETWEEN HOUSE & GARAGE
SCALE: 3/8\"/>



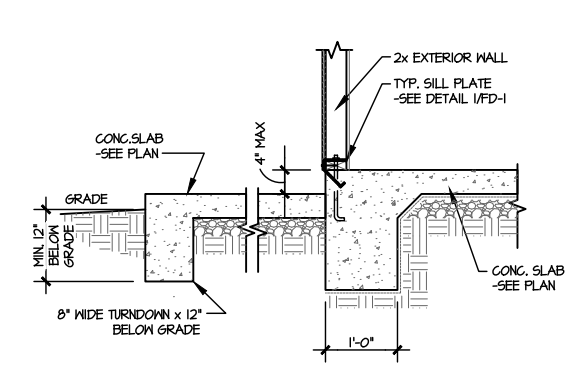
5 TYPICAL TURNDOWN @ EXT. GARAGE WALL
SCALE: 3/8\"/>



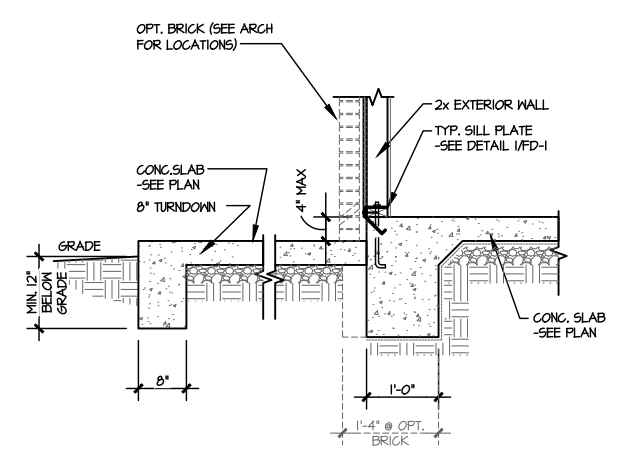
6 TYPICAL TURNDOWN @ EXT. GARAGE WALL (BRICK)
SCALE: 3/8\"/>



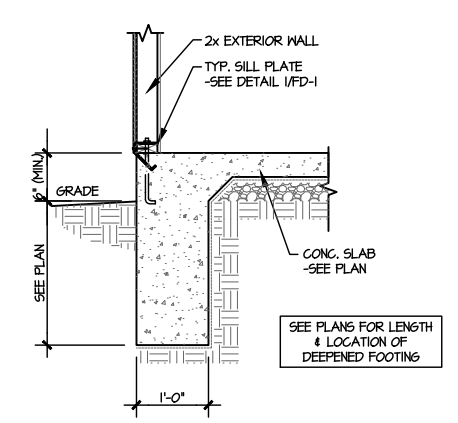
7 GARAGE OPENING
SCALE: 3/8\"/>



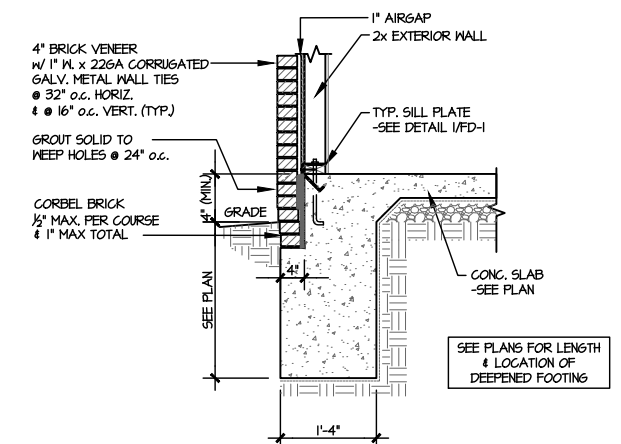
8 TYPICAL TURNDOWN @ PATIO/PORCH
SCALE: 3/8\"/>



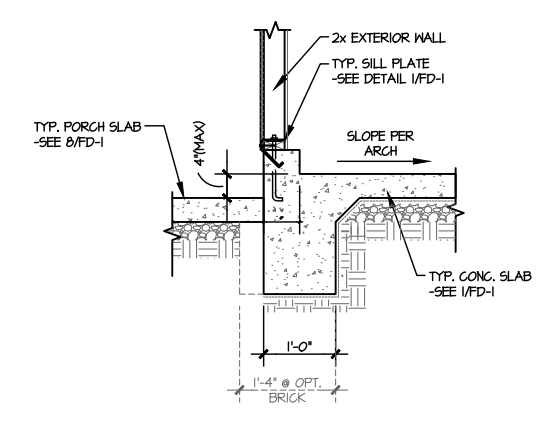
9 TYPICAL TURNDOWN @ PATIO/PORCH (BRICK)
SCALE: 3/8\"/>



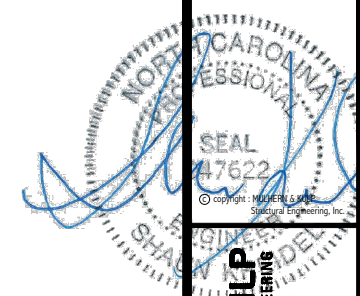
10 TYPICAL TURNDOWN W/ DEEPEMED FTG. @ EXT. WALL
SCALE: 3/8\"/>



11 TYPICAL TURNDOWN @ EXT. WALL (BRICK)
SCALE: 3/8\"/>



12 TYPICAL TURNDOWN @ COVERED PORCH/ATTACHED GARAGE
SCALE: 3/8\"/>



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Bluebirds Ave, Building 4 - Panther, PA 19082
P: 717-546-8811 - mulhern@mk.com

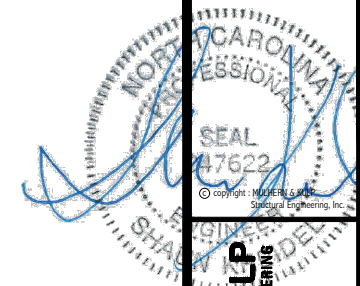
M&K project number:
192-17017
project mgr: SMK
drawn by: MDS
issue date: 09-04-20

REVISIONS:
date: initial:

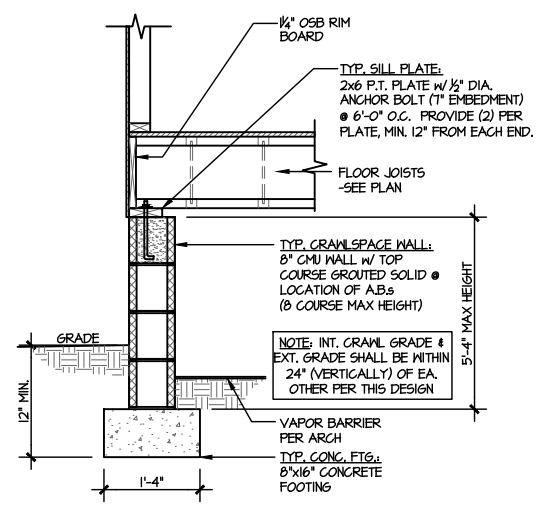
ARCH: v.01.01.00.00



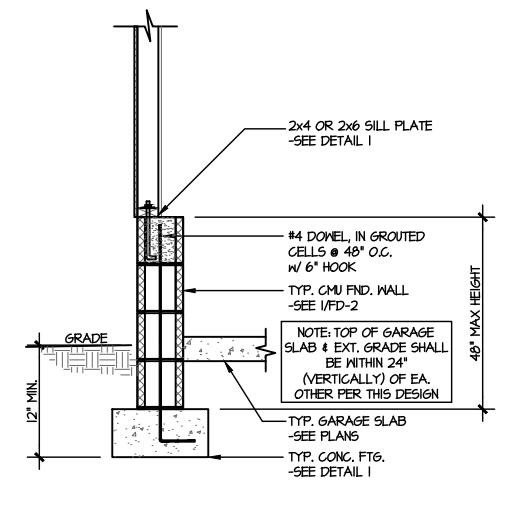
FOUNDATION DETAILS
TELFAIR
WIND SPEED < 115 MPH NORTH CAROLINA



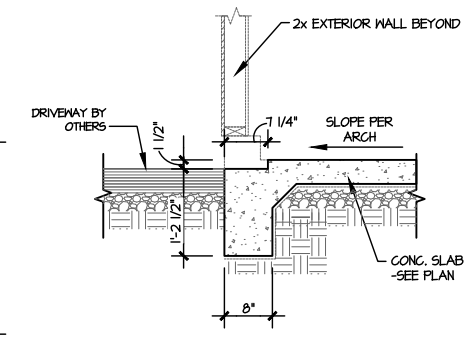
MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Brookside Ave., Building 4 - Asheville, PA, 18002
P: 212-695-0811 - mulhern@mulhernkulp.com
NC License # C-3825



1 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8"=1'-0"

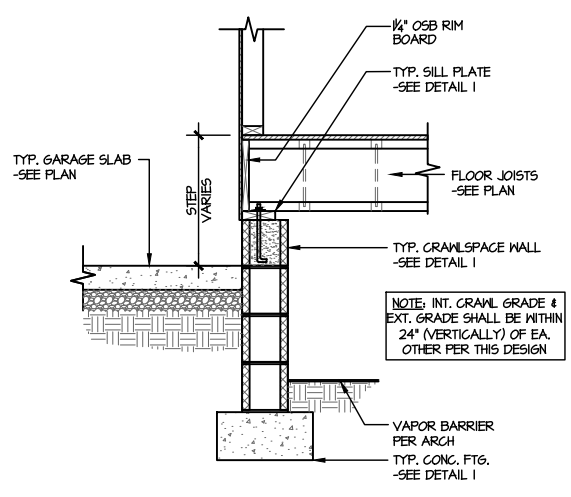


3 TYPICAL PERIMETER FOOTING @ EXTERIOR GARAGE WALL
SCALE: 3/8"=1'-0"

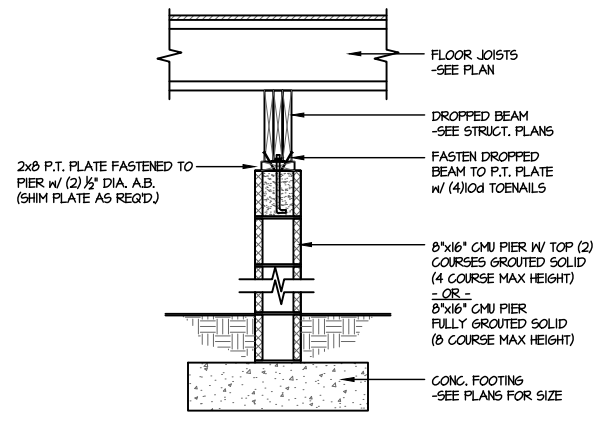


4 TYPICAL TURNDOWN FOOTING AT EXTERIOR GARAGE APRON
SCALE: 3/8"=1'-0"

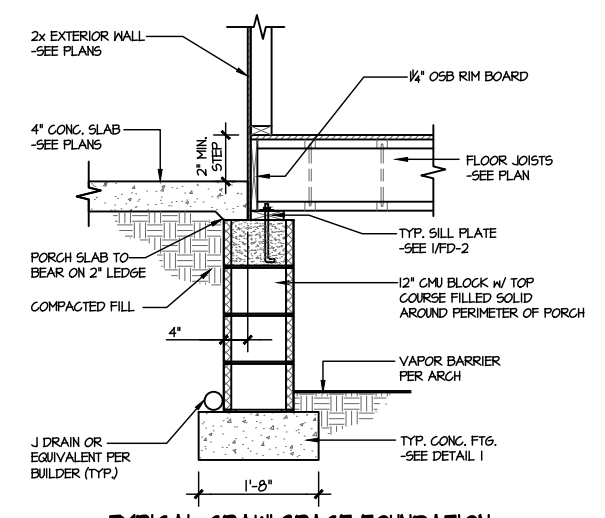
2 NOT USED
SCALE: 3/8"=1'-0"



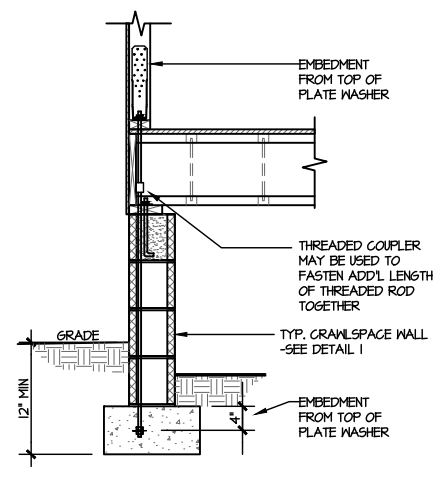
5 TYPICAL CRAWLSPACE FOUNDATION @ INTERIOR GARAGE WALL
SCALE: 3/8"=1'-0"



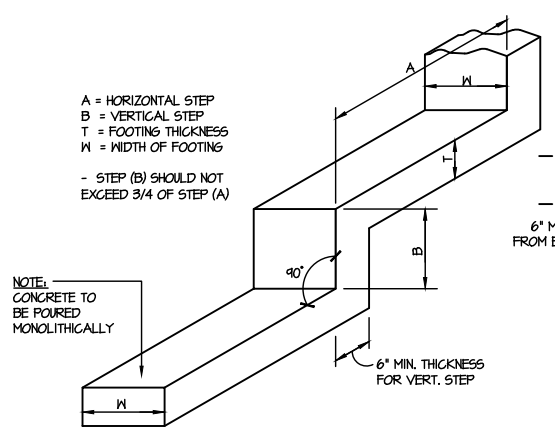
6 TYPICAL CRAWLSPACE FOUNDATION @ INTERIOR PIER
SCALE: 3/8"=1'-0"



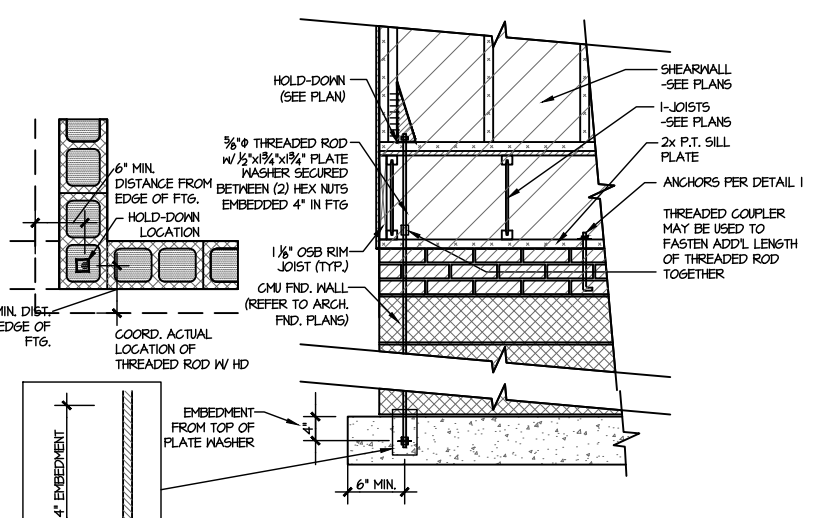
7 TYPICAL CRAWLSPACE FOUNDATION @ PORCH SLAB
SCALE: 3/8"=1'-0"



A TYPICAL CRAWLSPACE FOUNDATION HOLD-DOWN INSTALLATION
SCALE: 3/8"=1'-0" w/ STONE VENEER OR SIDING



B TYPICAL STEPPED FOOTING DETAIL
SCALE: NTS

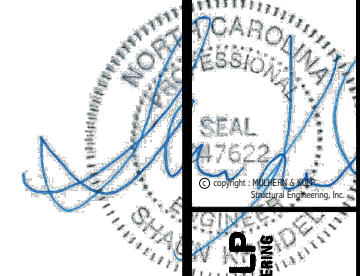


C TYPICAL CMU FOUNDATION HOLD-DOWN INSTALLATION
SCALE: 3/8"=1'-0" (CORNER SHOWN - APPLICABLE TO ALL CONDITIONS)

MSK project number: 192-17017
project mgr: SMK
drawn by: MDS
issue date: 09-04-20
REVISIONS:
date: initial:
ARCH: v.01.01.00.00



FOUNDATION DETAILS
TELFAIR
WIND SPEED < 115 MPH NORTH CAROLINA



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Bluebirds Ave., Building 4 - Asheville, PA 18002
P: 212-605-0011 - mulhern@mulhernkulp.com
NC License # C-3825

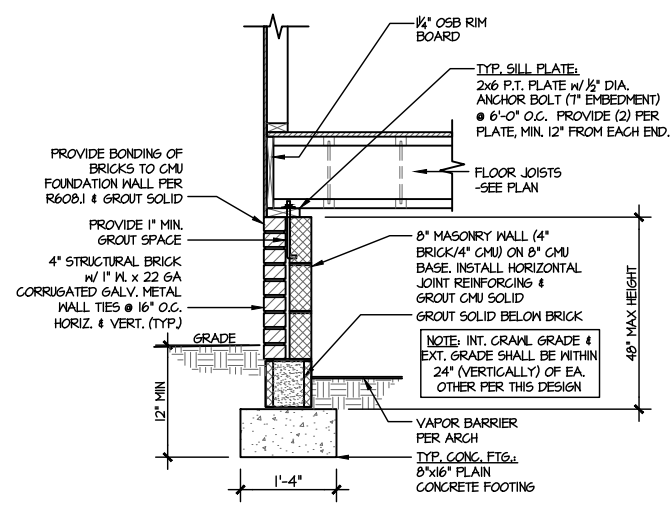


MSK project number:
192-17017
project mgr: SMK
drawn by: MDS
issue date: 09-04-20
REVISIONS:
date: initial:

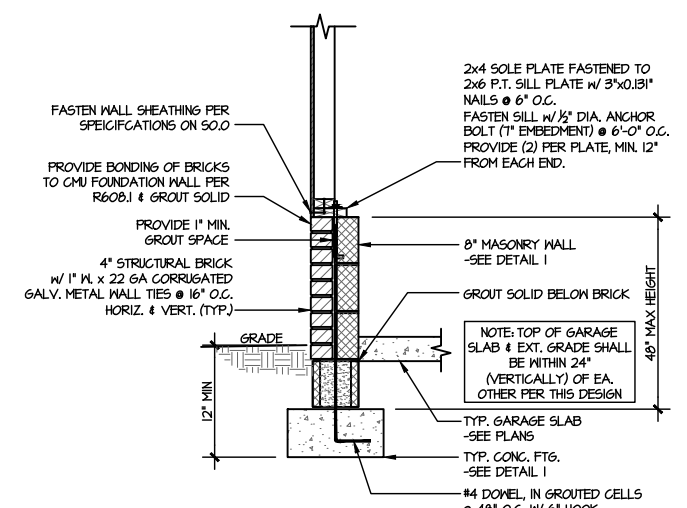


FOUNDATION DETAILS
TELFAIR
WIND SPEED < 115 MPH NORTH CAROLINA

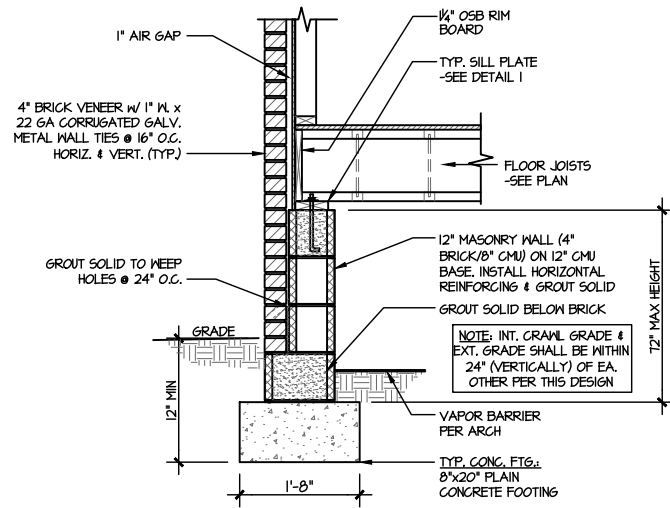
sheet:
FD-3



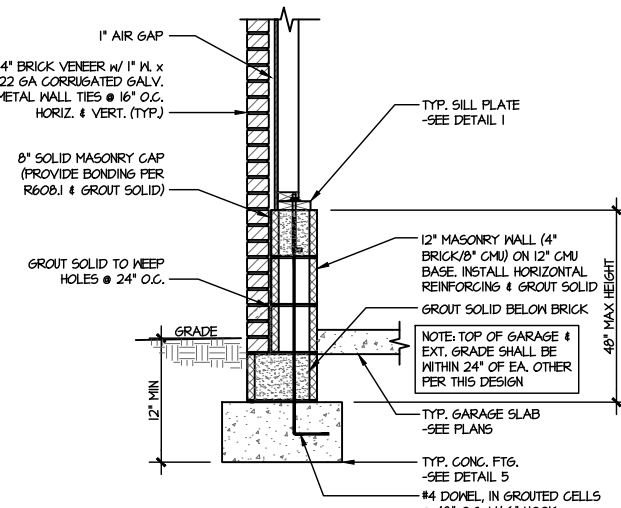
1 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8\"/>



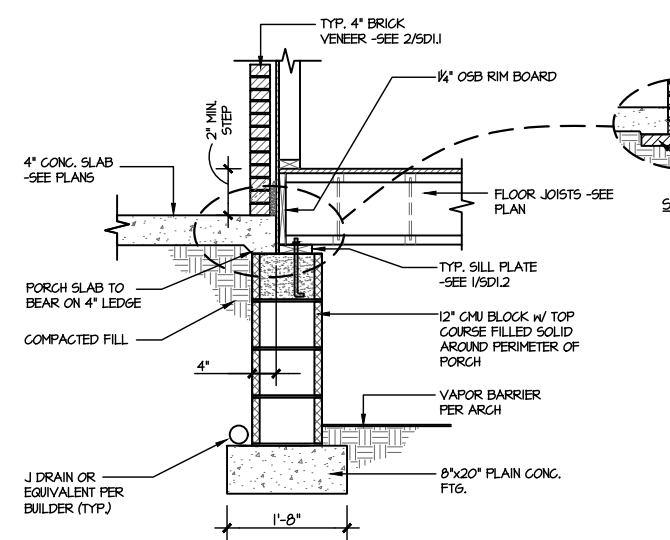
3 TYPICAL CRAWLSPACE FOUNDATION
@ EXTERIOR GARAGE WALL
SCALE: 3/8\"/>



5 TYPICAL CRAWLSPACE FOUNDATION
SCALE: 3/8\"/>



7 TYPICAL CRAWLSPACE FOUNDATION
@ EXTERIOR GARAGE WALL
SCALE: 3/8\"/>



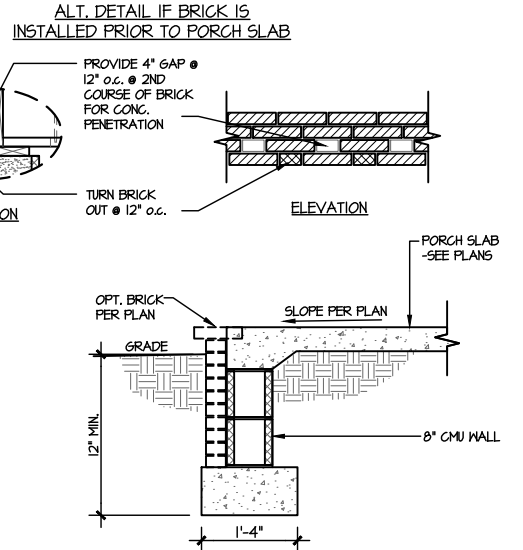
9 TYPICAL CRAWLSPACE FOUNDATION
@ PORCH/PATIO SLAB
SCALE: 3/8\"/>

2 NOT USED
SCALE: 3/8\"/>

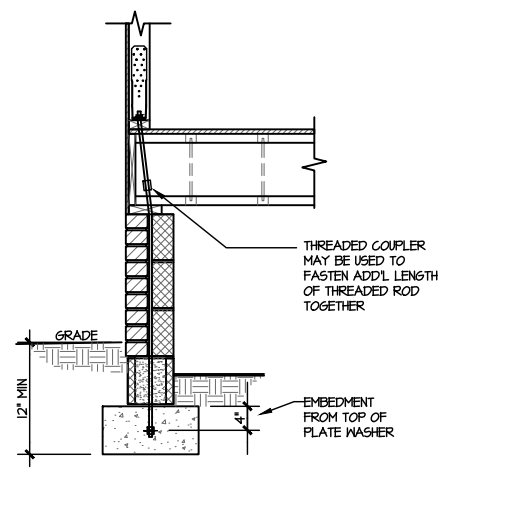
4 NOT USED
SCALE: 3/8\"/>

6 NOT USED
SCALE: 3/8\"/>

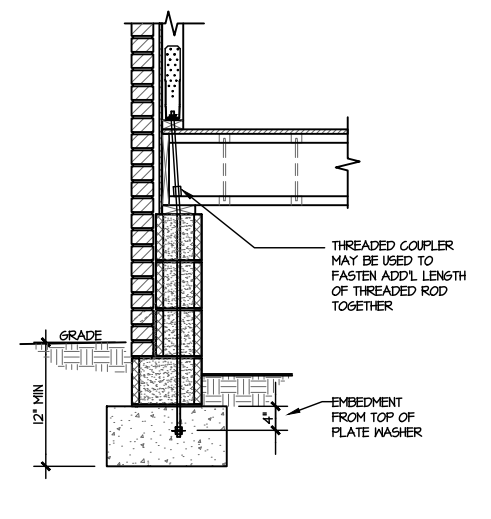
8 NOT USED
SCALE: 3/8\"/>



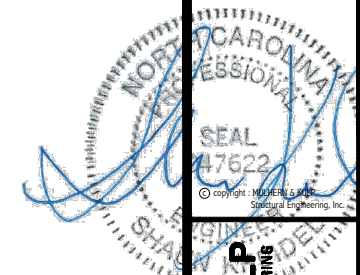
10 TYPICAL FOOTING @ PORCH SLAB
SCALE: 3/8\"/>



D TYPICAL CRAWLSPACE FOUNDATION
HOLD-DOWN INSTALLATION
SCALE: 3/8\"/>



E TYPICAL CRAWLSPACE FOUNDATION
HOLD-DOWN INSTALLATION
SCALE: 3/8\"/>

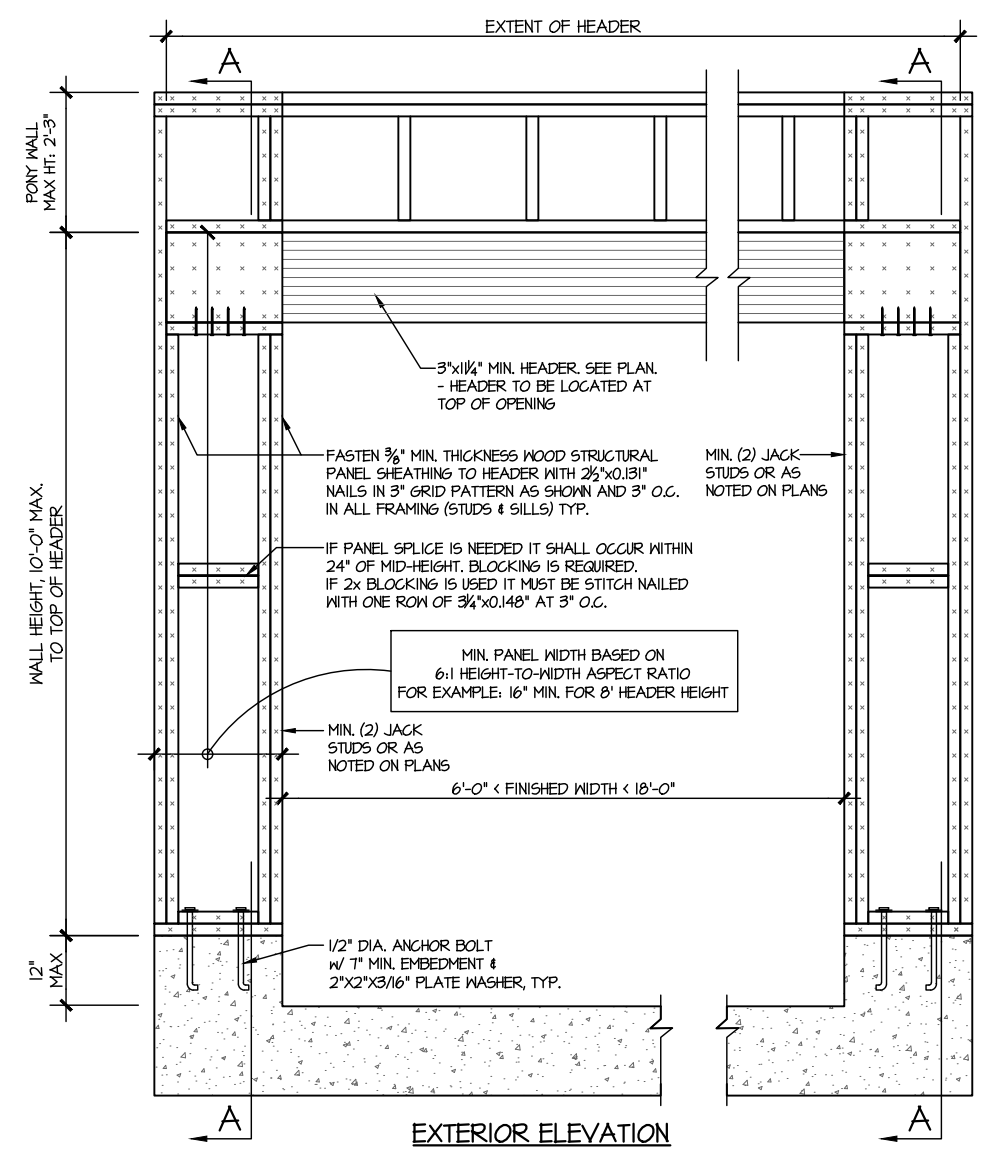


MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Dorothea Ave., Building 4 - Asheville, PA 18002
P: 715-945-0001 - mulhern@mkulpe.com
NC License # C-3825

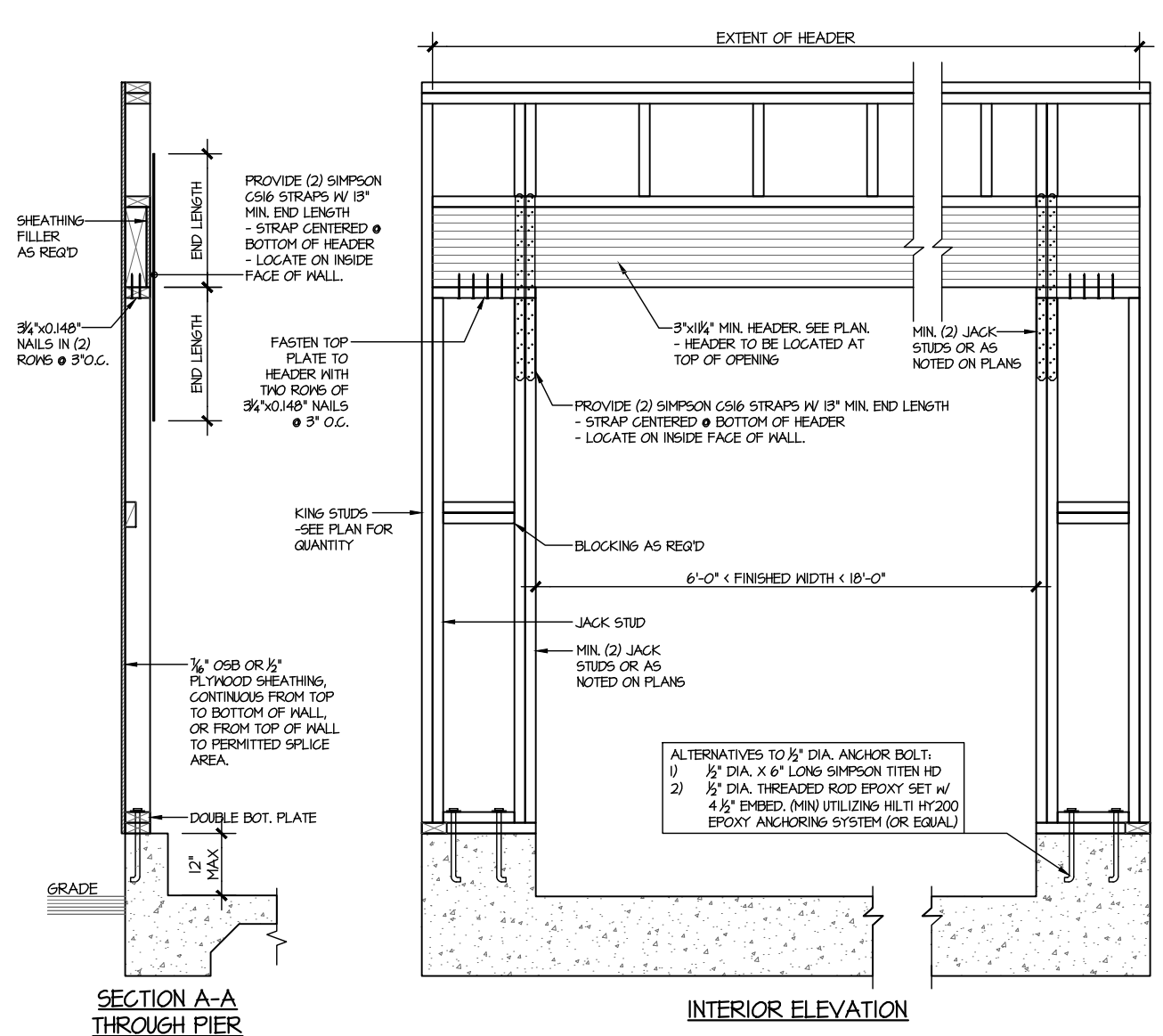
MSK project number:
192-17017
project mgr: SMK
drawn by: MDS
issue date: 09-04-20
REVISIONS:
date: initial:
ARCH: v.01.01.00.00



STRUCTURAL DETAILS
TELFAIR
WIND SPEED < 115 MPH NORTH CAROLINA



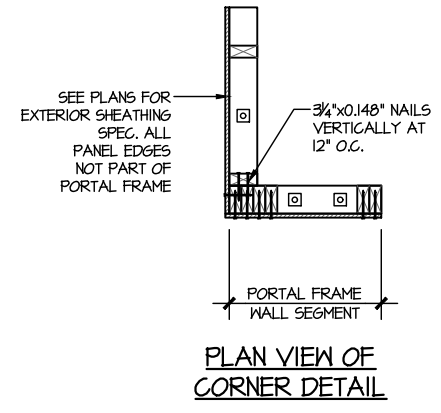
EXTERIOR ELEVATION



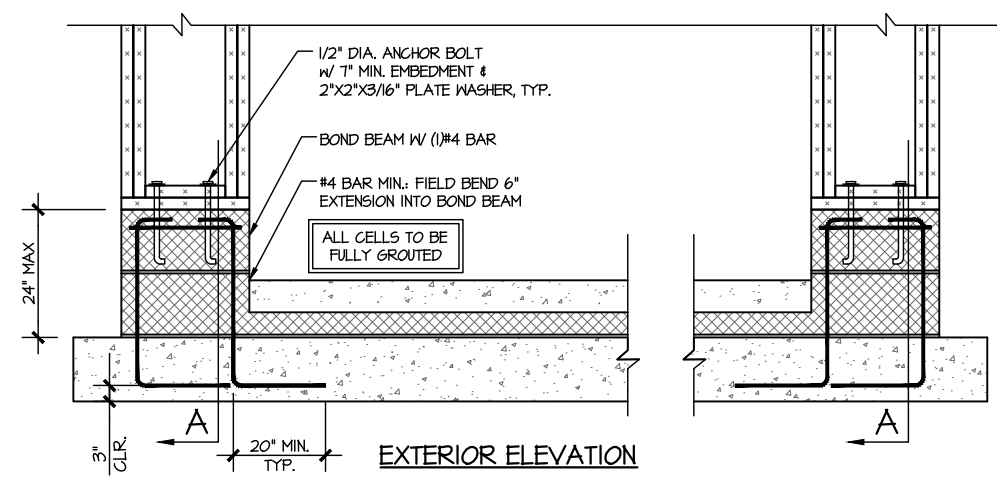
INTERIOR ELEVATION

SECTION A-A THROUGH PIER
MONOSLAB FOUNDATION

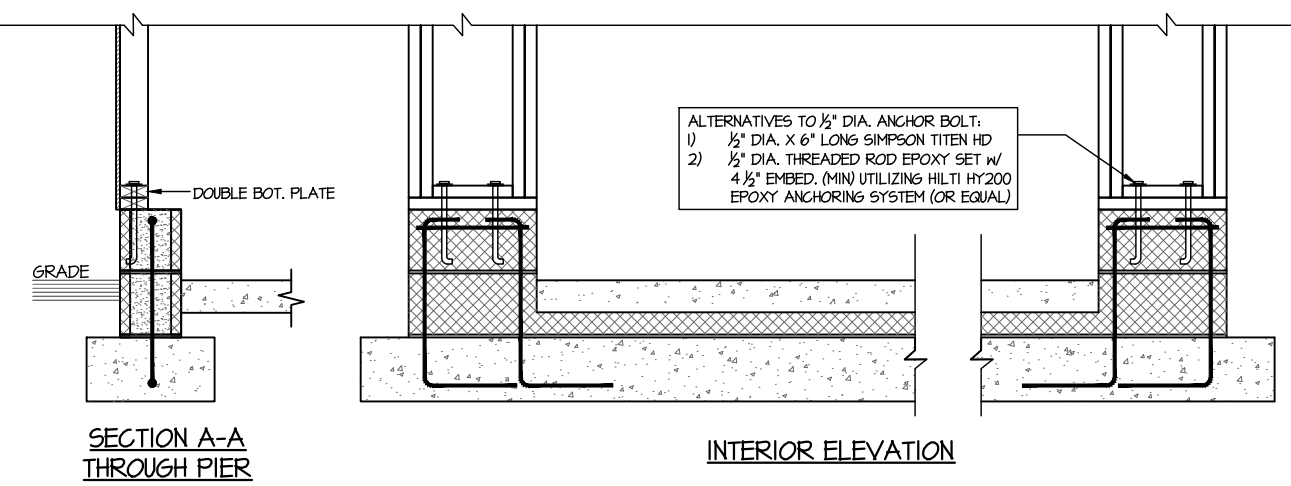
WALL FRAMING SPECIFICATION:
• 2x4 WALL: USE SP/SPF #2 GRADE STUDS (OR BETTER)
• 2x6 WALL: USE SP/SPF #2 GRADE STUDS (OR BETTER)



PLAN VIEW OF CORNER DETAIL



EXTERIOR ELEVATION

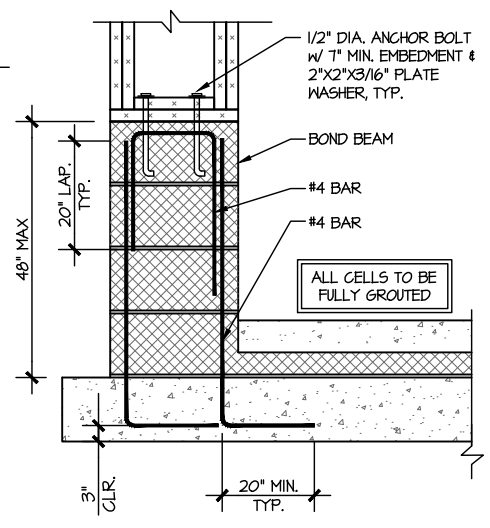


ALTERNATIVES TO 1/2" DIA. ANCHOR BOLT:
1) 1/2" DIA. X 6" LONG SIMPSON TITEN HD
2) 1/2" DIA. THREADED ROD EPOXY SET W/ 4 1/2" EMBED. (MIN) UTILIZING HILTI HY200 EPOXY ANCHORING SYSTEM (OR EQUAL)

SECTION A-A THROUGH PIER

INTERIOR ELEVATION

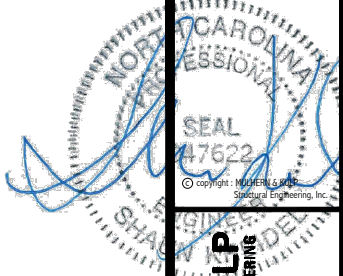
RAISED SLAB FOUNDATION



STEM ≤ 48" TALL

1 PORTAL FRAME DETAIL
SCALE: N.T.S.

BOTH SIDES OF GARAGE DOOR
1 KING STUD & RETURN WALLS



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Reynolds Ave., Building 4 • Asheville, PA 18002
P: 212-605-8001 • mulhern@mulhernkulp.com
NC License # C-3825

M&K project number:
192-17017

project mgr: SMK
drawn by: MDS
issue date: 09-04-20

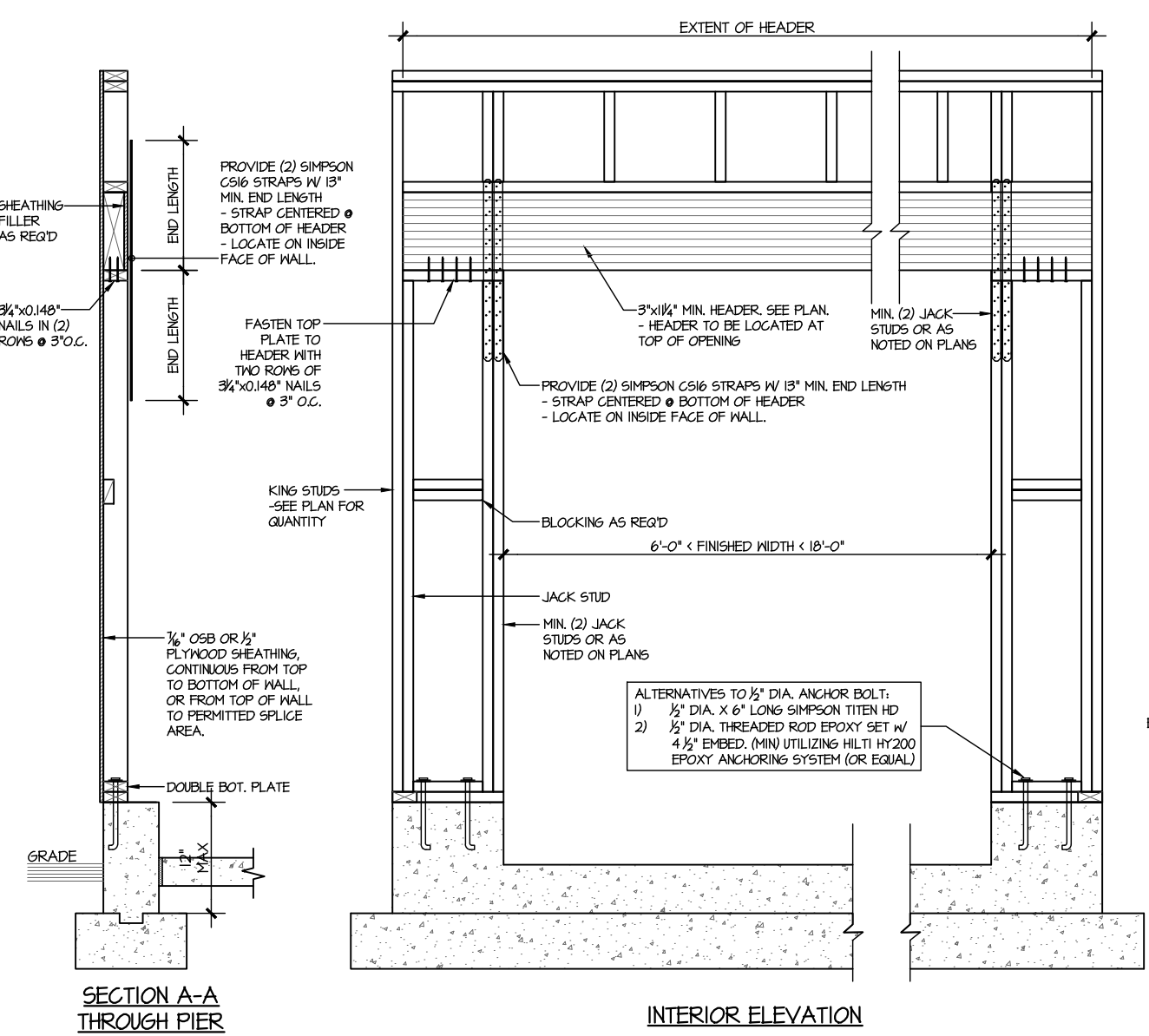
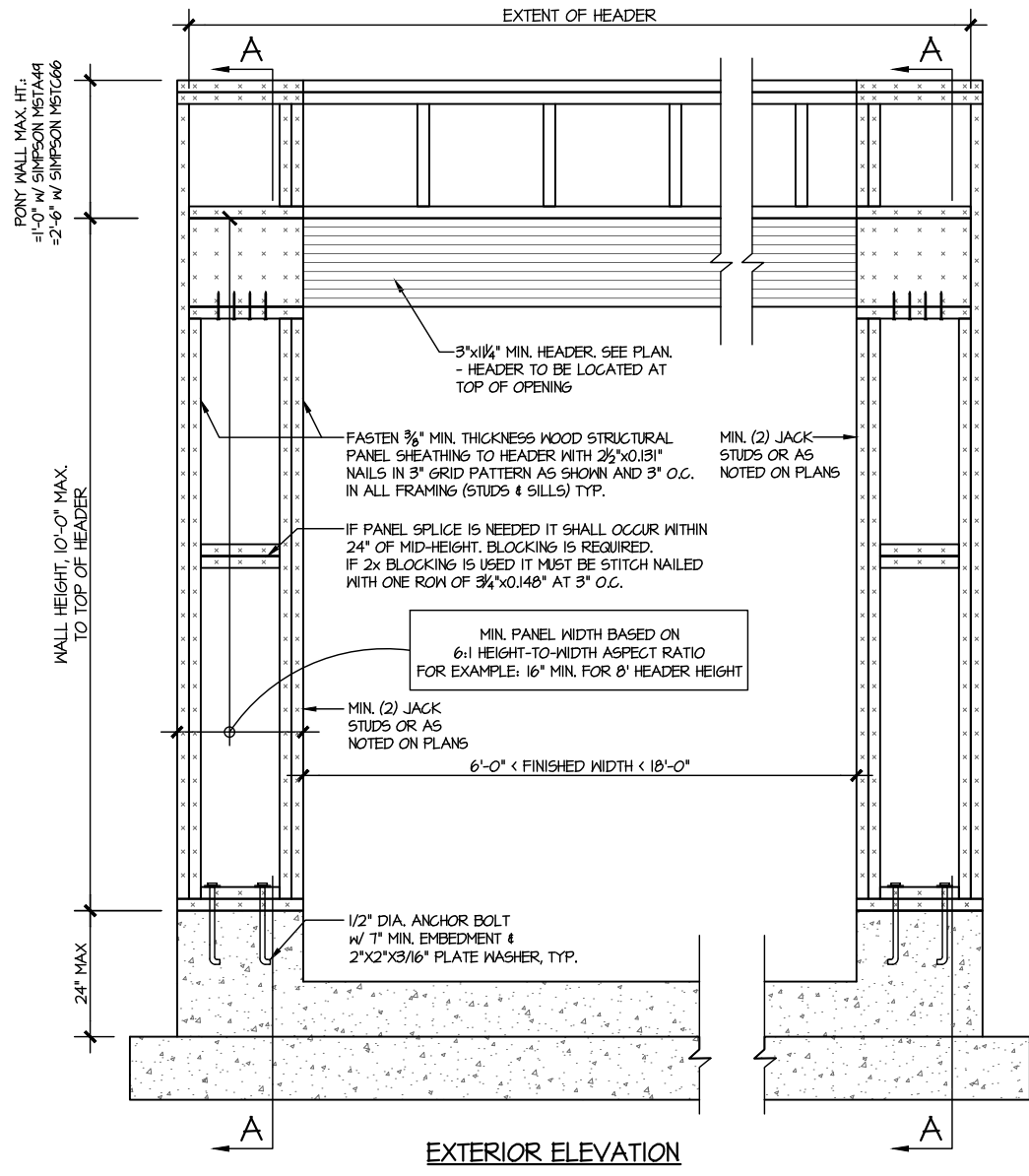
REVISIONS:
date: initial:

ARCH: v.01.01.00.00

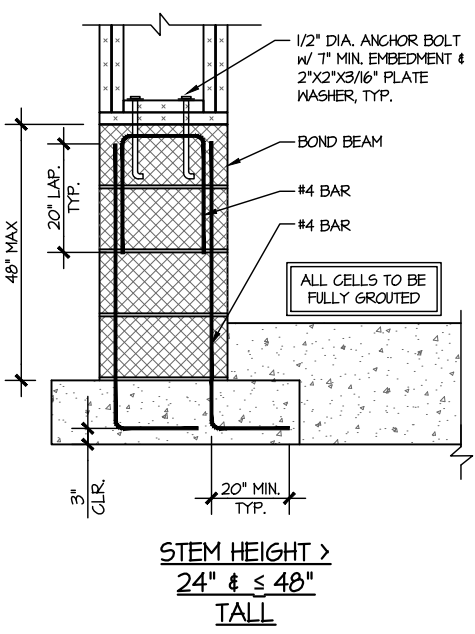
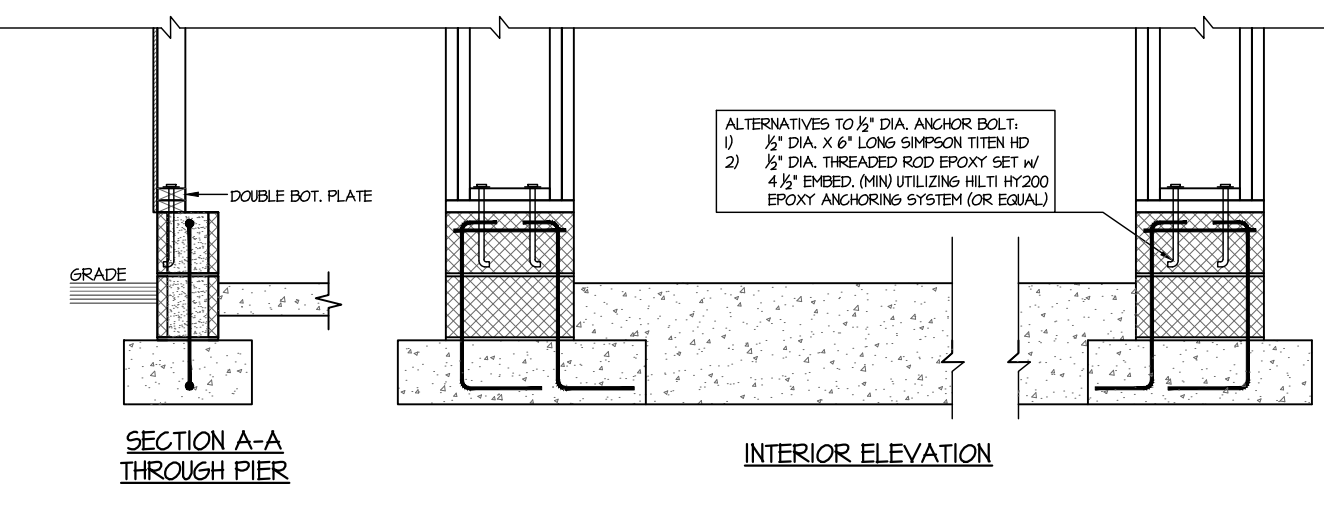
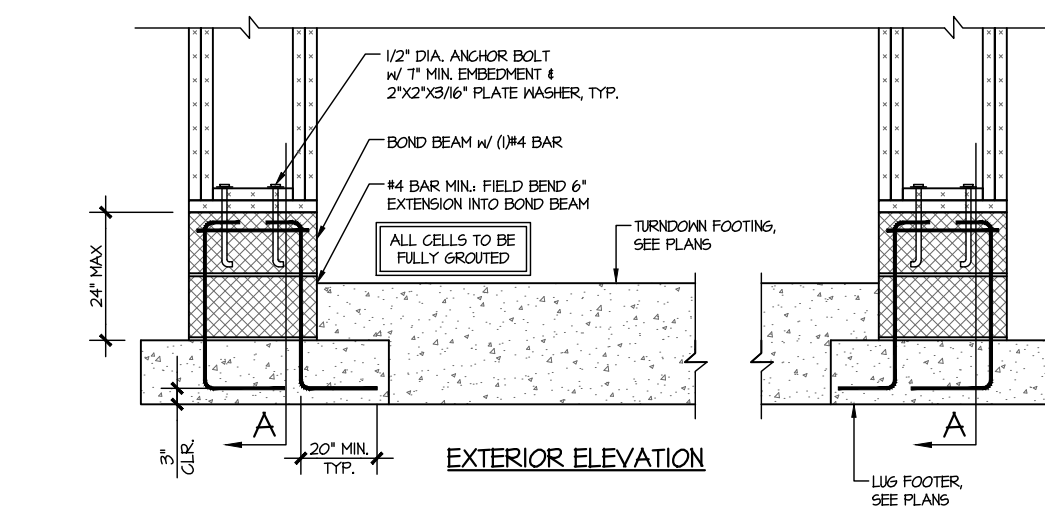
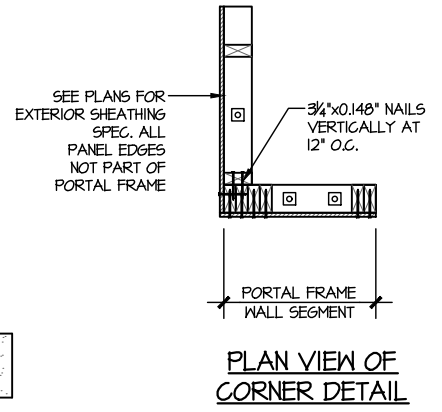


STRUCTURAL DETAILS
TELFAIR
WIND SPEED < 115 MPH NORTH CAROLINA

sheet:
SW-3



WALL FRAMING SPECIFICATION:
• 2x4 WALL: USE SP/SPF #2 GRADE STUDS (OR BETTER)
• 2x6 WALL: USE SP/SPF #2 GRADE STUDS (OR BETTER)

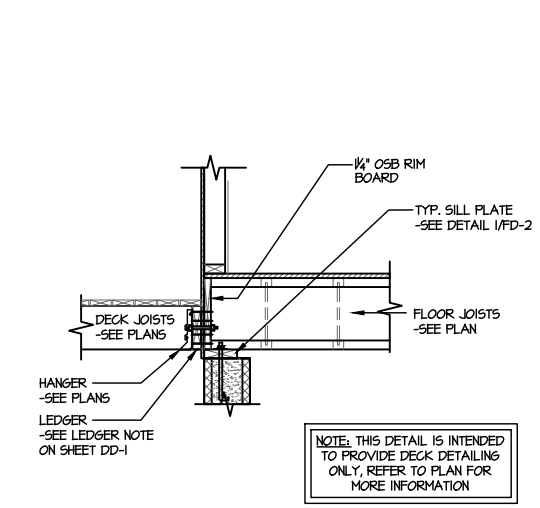


1 PORTAL FRAME DETAIL
SCALE: N.T.S.

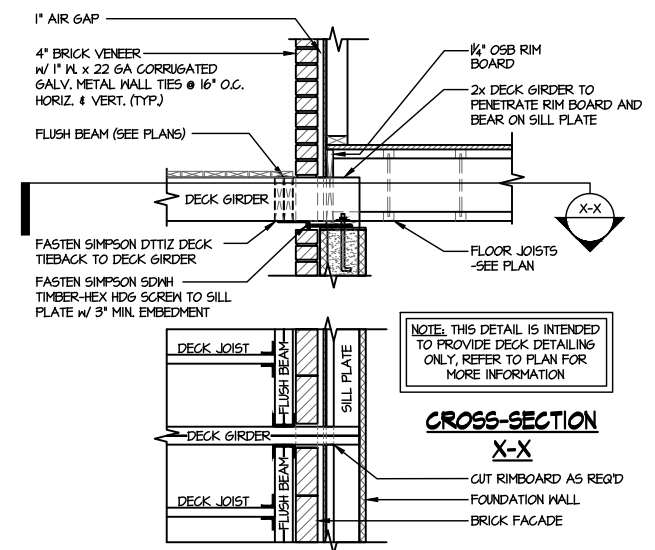
BOTH SIDES OF GARAGE DOOR | KING STUD & RETURN WALLS

LEDGER NOTE

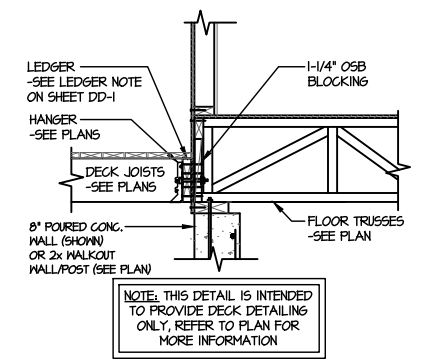
- LEDGER TO END TRUSSES:
-FASTEN 2x LEDGER (MATCH D.J.) TO END TRUSSES VERTICALS w/ (1) 1/2" DIA. THRU BOLT + (4) 2 1/2"x0.135" NAILS @ 16" O.C. PACK OUT END TRUSSES AS REQ'D FOR LEDGER FASTENING.
- LEDGER TO RIMBOARD/BLOCKING:
-FASTEN 2x LEDGER (MATCH D.J.) TO RIMBOARD/BLOCKING w/ (1) 1/2" DIA. THRU BOLT + (4) 2 1/2"x0.135" NAILS @ 16" O.C.
- PROVIDE (2) BOLTS IN END (2) JOIST BAYS @ EACH END OF DECK
- INSTALL (1) SIMPSON H3 CLIP ON LAST (2) DECK JOISTS @ EACH END OF DECK, CONNECTING SIDE OF JOIST TO TOP OF LEDGER (IRC R502.2.2)
- ALT. LEDGER SPEC:
FASTEN 2x10 LEDGER TO RIMBOARD w/ (2) 1/2" DIA. X 3 1/2" LONG SIMPSON S05 SCREWS @ 16" O.C.
- NOT APPLICABLE AT BRICK CONDITIONS



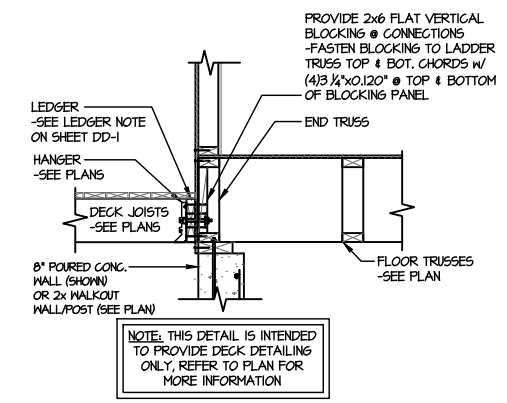
1 TYPICAL DECK CONNECTION @ CRAWLSPACE
SCALE: 3/8"=1'-0"



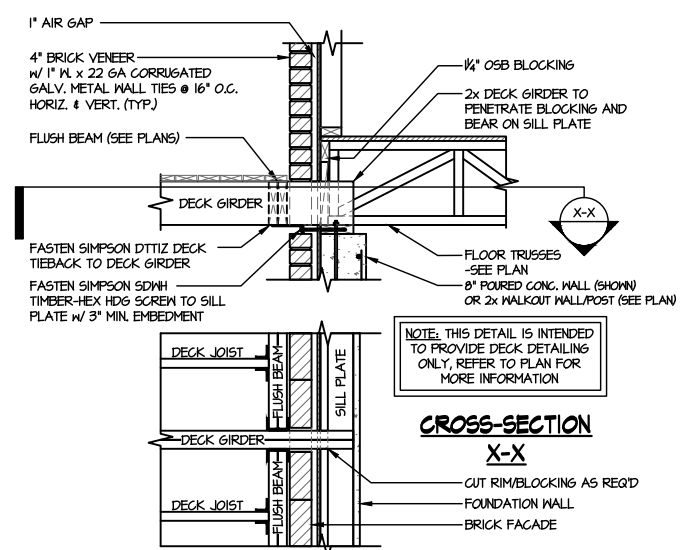
2 TYPICAL DECK CONNECTION @ CRAWLSPACE w/ BRICK
SCALE: 3/8"=1'-0"



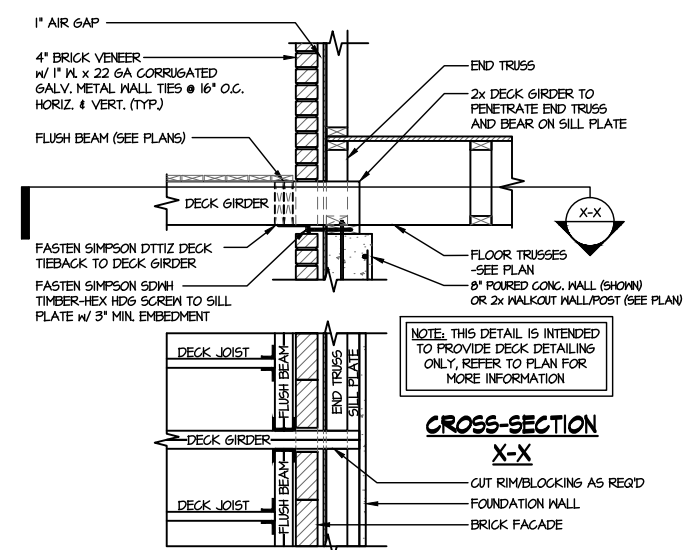
3 TYPICAL DECK CONNECTION @ BASEMENT
SCALE: 3/8"=1'-0" PERPENDICULAR FRAMING



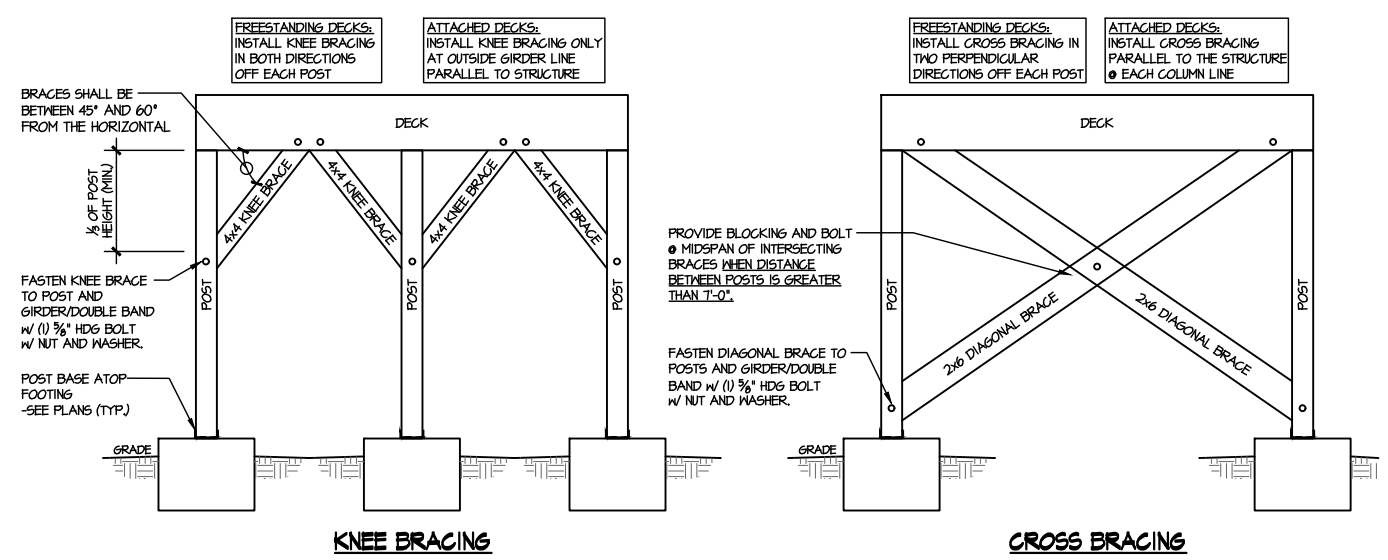
4 TYPICAL DECK CONNECTION @ BASEMENT
SCALE: 3/8"=1'-0" PARALLEL FRAMING



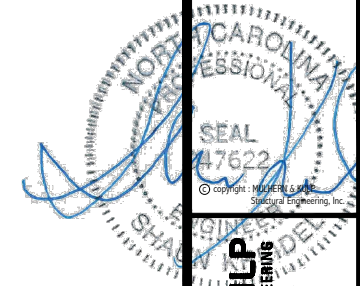
5 TYPICAL DECK CONNECTION @ BASEMENT w/ BRICK
SCALE: 3/8"=1'-0" PERPENDICULAR FRAMING



6 TYPICAL DECK CONNECTION @ BASEMENT w/ BRICK
SCALE: 3/8"=1'-0" PARALLEL FRAMING



A TYPICAL LATERAL BRACING DETAILS FOR DECKS GREATER THAN 4' HIGH
SCALE: 1/8"



MULHERN+KULP
RESIDENTIAL STRUCTURAL ENGINEERING
300 Bechtelville Ave., Building 4 - Asheville, NC 28802
P: 715-256-0811 - mulhern@mk.com
NC License # C-3825

M&K project number:
192-17017
project mgr: SMK
drawn by: MDS
issue date: 09-04-20

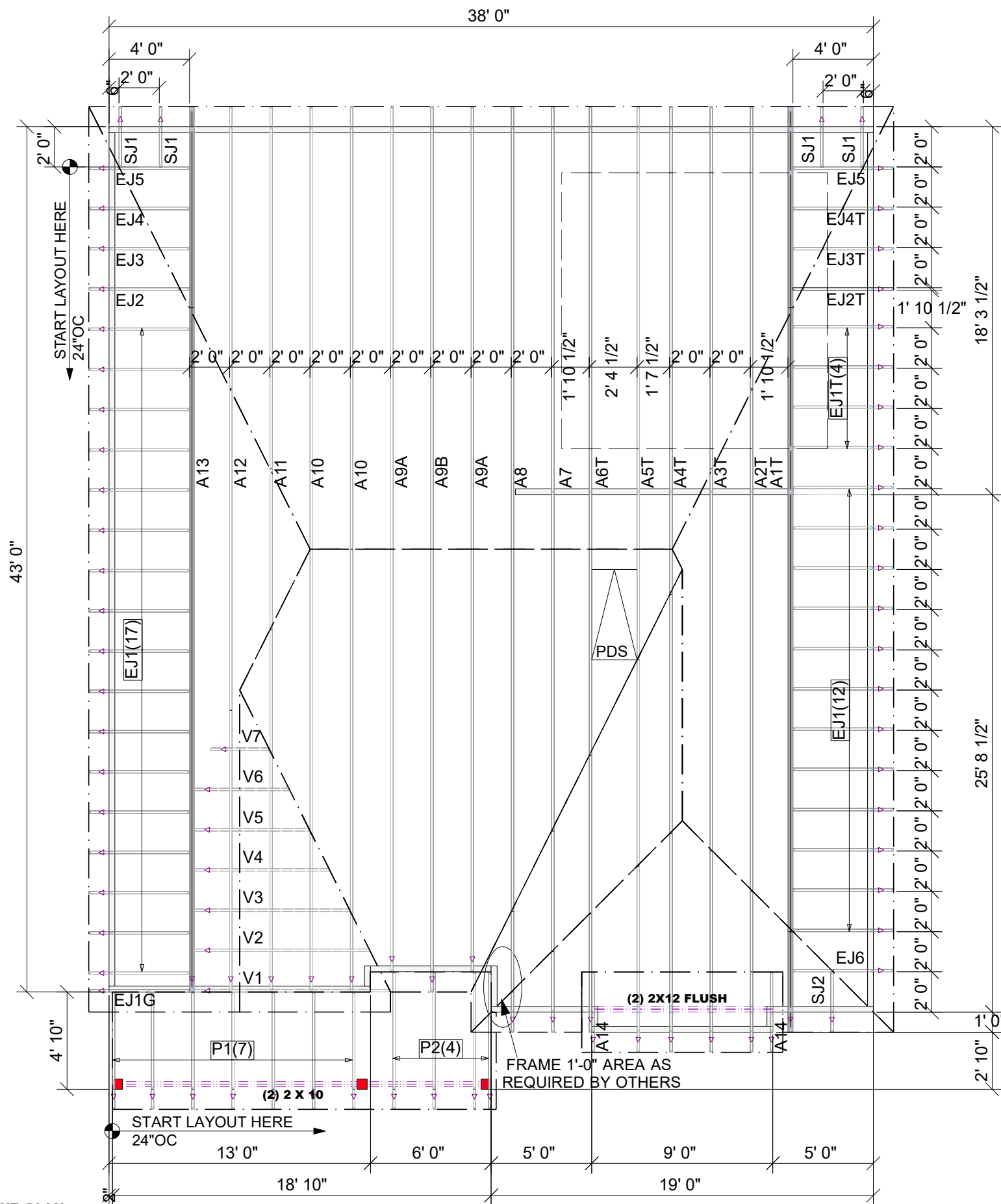
REVISIONS:
date: initial:
ARCH: v.01.01.00.00



FOUNDATION DETAILS
TELFAIR
WIND SPEED < 115 MPH NORTH CAROLINA

THIS IS A TRUSS PLACEMENT DIAGRAM (TPD) ONLY; NOT AN ENGINEERED DOCUMENT. Trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual truss design drawings (TDD's) for each truss design identified on the TPD. The Contractor is responsible for the temporary bracing of the roof and floor system, and requirements for the permanent restraint/bracing of truss systems may be met by following the methods outlined in ANSI-TPI 1-2014 - 2.3.3. The design of the support structure including but not limited to headers, beams, walls, and columns is also the responsibility of the building designer. For general guidance regarding installation and bracing, consult "Building Component Safety Information" (BCSI) available from the SBC Association (www.sbcassociation.com). It is the responsibility of the General Contractor to verify that the provided component layout matches the final intended construction plans, loading conditions, and use. If they do not, it is the responsibility of the General Contractor to notify UFP and provide plans containing the latest specifications and designs. UFP will not be responsible for plan changes by others after final approval of shop drawings, or for errors or modifications made on-site during construction. DO NOT CUT, NOTCH, DRILL, OR OTHERWISE "REPAIR" MANUFACTURED TRUSSES IN ANY WAY WITHOUT PRIOR WRITTEN AUTHORIZATION BY A LICENSED PROFESSIONAL DESIGNATED BY UFP. The Framing is responsible to verify all dimensions, including adjusting member spacing within tolerances to allow for the drop and rise of plumbing/HVAC, unless noted otherwise. Truss-to-wall connections, if shown, are for uplift only and do not consider lateral loads. All connectors on this project are to be installed per the connector manufacturer's specifications. All connectors shown that are not truss-to-truss are suggestions only and are to be verified by the Building Designer or Engineer of Record for suitability to this particular project. UFP accepts no responsibility for the specific application or suitability of any connector that is not truss-to-truss as they apply to this specific structure.

ROOF PLACEMENT PLAN



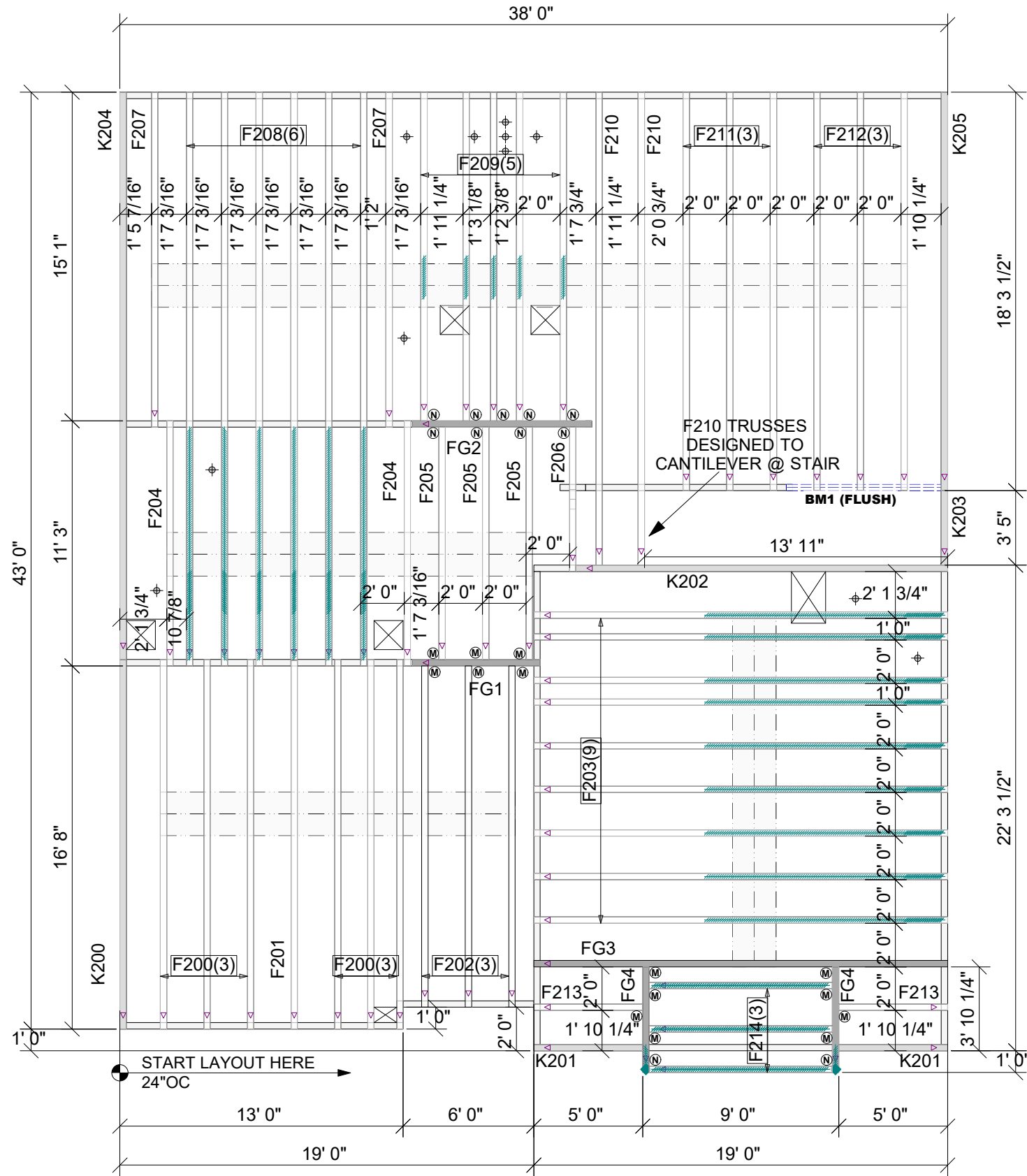
****NOTE****
 (4) LUS26 HANGERS TO BE USED @ PDS HEADERS (NOT SHOWN)
 ADD 2X4 BLOCKING IN FIELD FOR ROOF SHEATHING AND DRYWALL
 @ PULL DOWN STAIR AREA AS NEEDED

△ INDICATES LEFT END OF TRUSS SCALE: N.T.S

ROOF AREA: 2421.3 ft ² sqft	RIDGE LINE: 46.5 ft	VALLEY LINES: 44.09 ft	HIP LINES: 100.06 ft	THESE VALUES ARE APPROXIMATE ONLY																												
TELFAIR D ROOF		MUNGO HOMES																														
<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>DATE</th> <th>DESCRIPTION</th> <th>DSN</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>					REVISIONS	DATE	DESCRIPTION	DSN																								
REVISIONS	DATE	DESCRIPTION	DSN																													
DESIGNER LJP LAYOUT DATE 11/15/2024 ARCH DATE - STRUC DATE -		UFP SITE BUILT A UFP INDUSTRIES COMPANY Burlington, NC Chesapeake, VA Clinton, NC Conway, SC Jefferson, GA Locust, NC Liberty, NC Ooltewah, TN Pearisburg, VA Stanfield, NC Customer Service (800) 476-9356																														

THIS IS A TRUSS PLACEMENT DIAGRAM (TPD) ONLY; NOT AN ENGINEERED DOCUMENT. Trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual truss design drawings (TDD's) for each truss design identified on the TPD. The Contractor is responsible for the temporary bracing of the roof and floor system, and requirements for the permanent restraint/bracing of truss systems may be met by following the methods outlined in ANSI-TPI 1-2014 - 2.3.3. The design of the support structure including but not limited to headers, beams, walls, and columns is also the responsibility of the building designer. For general guidance regarding installation and bracing, consult "Building Component Safety Information" (BCSI) available from the SBC Association (www.sbcassociation.com). It is the responsibility of the General Contractor to verify that the provided component layout matches the final intended construction plans, loading conditions, and use. If they do not, it is the responsibility of the General Contractor to notify UFP and provide plans containing the latest specifications and designs. UFP will not be responsible for plan changes by others after final approval of shop drawings, or for errors or modifications made on-site during construction. DO NOT CUT, NOTCH, DRILL, OR OTHERWISE "REPAIR" MANUFACTURED TRUSSES IN ANY WAY WITHOUT PRIOR WRITTEN AUTHORIZATION BY A LICENSED PROFESSIONAL DESIGNATED BY UFP. The Framing is responsible to verify all dimensions, including adjusting member spacing within tolerances to allow for the drop and rise of plumbing/HVAC, unless noted otherwise. Truss-to-wall connections, if shown, are for uplift only and do not consider lateral loads. All connectors on this project are to be installed per the connector manufacturer's specifications. All connectors shown that are not truss-to-truss are suggestions only and are to be verified by the Building Designer or Engineer of Record for suitability to this particular project. UFP accepts no responsibility for the specific application or suitability of any connector that is not truss-to-truss as they apply to this specific structure.

2ND FLOOR PLACEMENT PLAN



Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
BM1 (FLUSH)	8' 0"	1 3/4" x 9 1/4" 2.0E Microllam® LVL	2	2	MFD

Floor Hanger List		
MARK	TYPE	QTY
(M)	THA422	14
(N)	THAC422	11

△ INDICATES LEFT END OF TRUSS SCALE: N.T.S

ROOF AREA: 0 ft ² sqft	RIDGE LINE: 0 ft	VALLEY LINES: 0 ft	HIP LINES: 0 ft	THESE VALUES ARE APPROXIMATE ONLY
TELFAIR D 2ND FLR		MUNGO HOMES		
This drawing is property of UFP Site Built, LLC. Any unauthorized use of this document without written permission is prohibited. UFP relinquishes ownership of delivered product upon delivery. Owner of product must obtain UFP's authorization prior to any alteration or modification of product. UFP will not be held responsible for any unauthorized modifications done or costs incurred without prior written authorization from UFP.				
DESIGNER LJP LAYOUT DATE 11/14/2024 ARCH DATE - STRUC DATE - JOB #: 24110945F2				

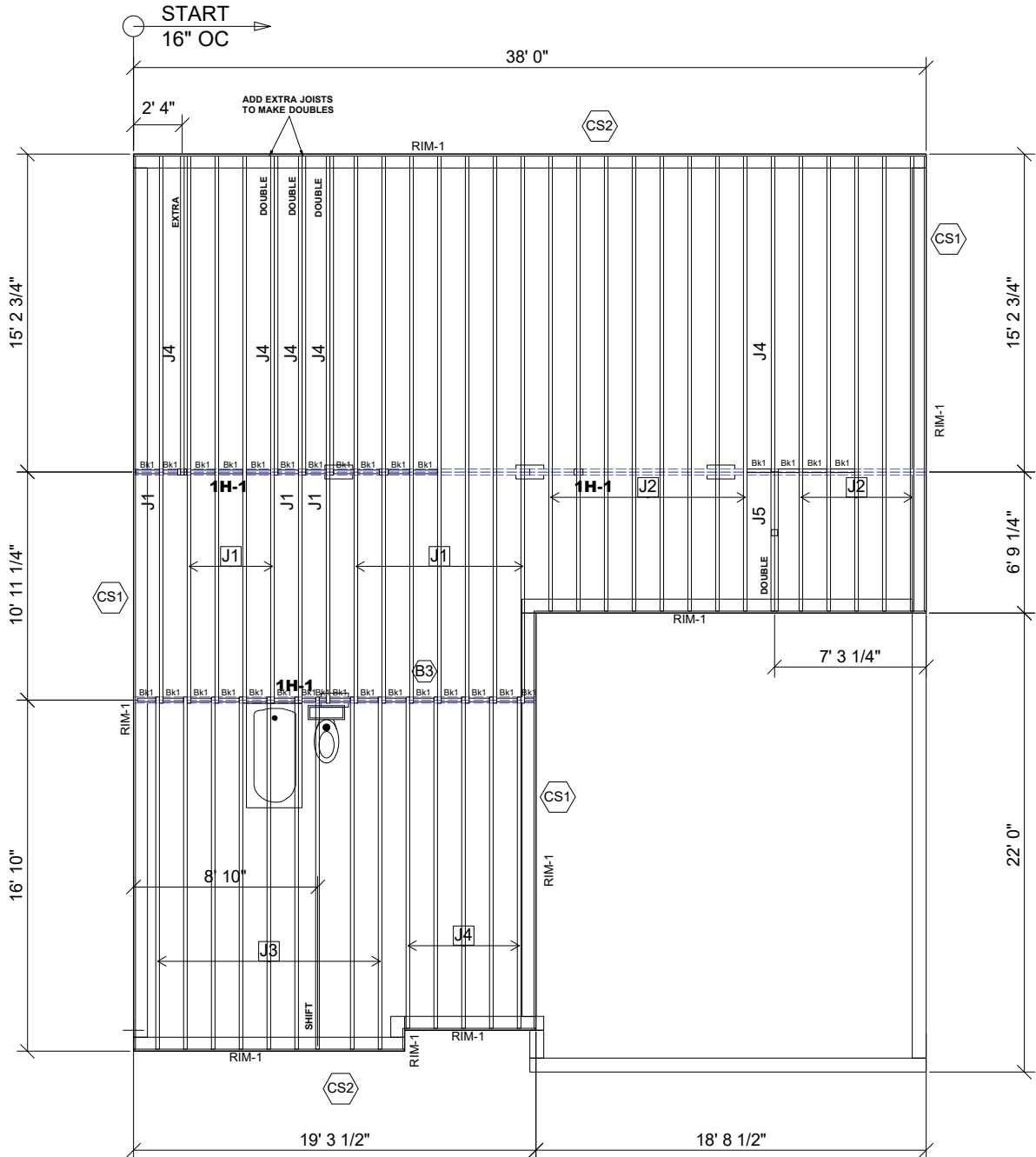
UFP SITE BUILT
A UFP INDUSTRIES COMPANY

Burlington, NC
Chesapeake, VA
Clinton, NC
Conway, SC
Jefferson, GA

Locust, NC
Liberty, NC
Ooltewah, TN
Pearisburg, VA
Stanfield, NC

Customer Service (800) 476-9356

THIS IS AN ENGINEERED WOOD PRODUCT (EWP) MEMBER PLACEMENT DIAGRAM ONLY; NOT AN ENGINEERED DOCUMENT. EWP members are designed as individual building components to be incorporated into the building design at the specification of the building designer. The Contractor is responsible for the temporary bracing of the floor system, and the building designer is responsible for the permanent bracing and blocking of the floor system and the overall structure. The design of the support structure including but not limited to headers, beams, walls, and columns is also the responsibility of the building designer. It is the responsibility of the General Contractor to verify that the provided layout matches the final intended construction plans, loading conditions, and use. If they do not, it is the responsibility of the General Contractor to notify UFP and provide plans containing the latest specifications and designs. UFP will not be responsible for plan changes by others after final approval of shop drawings, or for errors or modifications made on-site during construction. DO NOT CUT, NOTCH, DRILL, OR OTHERWISE "REPAIR" EWP MEMBERS IN ANY WAY WITHOUT PRIOR WRITTEN AUTHORIZATION BY A LICENSED PROFESSIONAL DESIGNATED BY UFP. The Framer is responsible to verify all dimensions, including adjusting member spacing within tolerances to allow for the drop and rise of plumbing/HVAC, unless noted otherwise. All connectors on this project are to be installed per the connector manufacturer's specifications. All connectors shown that are not joist to joist are suggestions only and are to be verified by the Building Designer or Engineer of Record for suitability to this particular project. UFP accepts no responsibility for the specific application or suitability of any connector that is not joist to joist as they apply to this specific structure.



Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
J1	27' 0"	11 7/8" TJ@ 210	1	14	MFD
J2	22' 0"	11 7/8" TJ@ 210	1	13	MFD
J3	17' 0"	11 7/8" TJ@ 210	1	9	MFD
J4	16' 0"	11 7/8" TJ@ 210	1	10	MFD
J5	7' 0"	11 7/8" TJ@ 210	2	2	MFD
1H-1	20' 0"	1 3/4" x 9 1/4" 2.0E Microllam® LVL	2	6	MFD
RIM-1	16' 0"	1 1/8" x 11 7/8" TJ@ Rim Board	1	12	MFD
Bk1	2' 0"	11 7/8" TJ@ 210	1	31	FF

Connector Summary		
PlotID	Qty	Manuf Product
H1	8	Simpson IUS2.06/11.88

• Avoid Plumbing Drops

FIELD LOCATE PLUMBING DROPS/CAN LIGHTS, ETC... PRIOR TO JOIST SECUREMENT TO AVOID INTERFERENCE.

LAYOUT FOR 19.2" O/C

1= 19-3/16"	9= 172-13/16"
2= 38-3/8"	10= 192"
3= 57-5/8"	11= 211-3/16"
4= 76-13/16"	12= 230-3/8"
5= 96"	13= 249-13/16"
6= 115-3/16"	14= 268-13/16"
7= 134-3/8"	15= 288"
8= 153-5/8"	

GENERAL NOTES:

- 1.) TOP CHORD OF JOISTS ARE PAINTED RED AT NUMBERED END. PLACE PAINTED END AS NOTED ON PLAN.
- 2.) FOLLOW SPECIAL SPACING AND LOCATION DIMENSIONS FOR EXTRAS OR SHIFTED JOISTS AS SHOWN ON PLAN.
- 3.) ALL INTERIOR WALL PLATES MUST BE LEVEL WITH OUTSIDE WALL TOP PLATES.
- 4.) DO NOT STACK CONSTRUCTION LOADS ON UN-BRACED JOISTS.
- 5.) PROVIDE SOLID SUPPORT BELOW ALL BEAM AND HEADER BEARING POINTS IN WALL AND JOIST SPACES CONTINUOUS DOWN TO THE FOUNDATION.
- 6.) LOCATE CRIPPLE STUDS IN JOIST SPACE DIRECTLY BELOW HEADER JACKS AT ALL FIRST FLOOR EXTERIOR DOOR LOCATIONS.
- 7.) INSTALL NAILS IN ALL HOLES PROVIDED IN JOIST HANGERS EXCEPT AT BOTTOM CHORD SEAT. PLACE A DAB OF GLUE IN THE HANGER SEAT BEFORE SETTING JOISTS.
- 8.) IMPORTANT NOTE! NO STRUCTURAL ANALYSIS OF CONVENTIONAL HEADERS HAS BEEN CONDUCTED IF NOT NOTED. THEY ARE CONSIDERED TO BE ADEQUATE TO SUPPORT THE APPLIED LOADS.

PLAN LEGEND

- 1B-, 2B-** *INDICATES BEAM ABOVE TOP PLATE (FLUSH WITH FLOOR SYSTEM)
 - H-, 1H-, GDH-** *INDICATES BEAM BELOW TOP PLATE (GROUPED BELOW FLOOR SYSTEM)
 - *BEAMS MAY PROTRUDE ABOVE OR BELOW DECKING OR TOP PLATE RESPECTIVELY. REFER TO DETAIL IF BEAM IS A DIFFERENT DEPTH THAN FLOOR SYSTEM
 - SINGLE PLY BEAM** *INDICATE LINE FOR EACH ADDITIONAL PLY
 - SHIFT** SHIFT JOIST TO MISS PLUMBING, ALIGN WITH WALL OR SUPPORT FURNITURE
 - EXTRA** A JOIST ADDED TO THE LAYOUT IN ADDITION TO THE ON CENTER JOISTS
 - DOUBLE** TWO JOISTS SIDE BY SIDE (ONLY ASSEMBLED IF NOTED)
- ALL DIMENSIONS TO CENTERLINE UNLESS OTHERWISE NOTED**

FRAMER NOTE

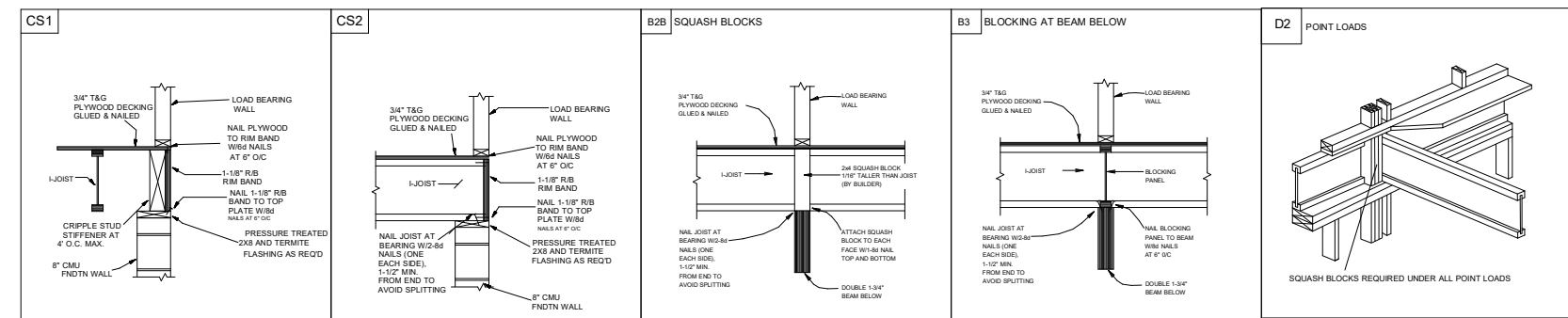
1. GLUE AND NAIL PLYWOOD SUBFLOOR TO BEAMS AND GIRDERS AT 6" O/C WHERE NO WALL IS ABOVE.
2. FILL HANGER SEAT WITH GLUE BEFORE SETTING JOIST IN HANGER. FILL ROUND HOLES WITH NAILS.

CRITICAL !!

INSTALL 2X4 SQUASH SPACE BELOW ALL EXTERIOR DOOR HEADER JACKS. CUT 1/16" TALLER THAN TRUSS.

FIELD VERIFY DIMENSIONS TO JOISTS LOCATED UNDER WALLS!!

1ST FLOOR LAYOUT



1ST FLOOR PLACEMENT PLAN

SCALE: 1/8"=1'

UFP SITE BUILT
A UFP INDUSTRIES COMPANY

Burlington, NC
Chesapeake, VA
Clinton, NC
Conway, SC
Jefferson, GA

Locust, NC
Liberty, NC
Ooltewah, TN
Pearisburg, VA
Stanfield, NC

Customer Service (800) 476-9356



This drawing is property of UFP Site Built, LLC. Any unauthorized use of this document without written permission is prohibited. UFP relinquishes ownership of delivered product upon delivery. Owner of product must obtain UFP's authorization prior to any alteration or modification of product. UFP will not be held responsible for any unauthorized modifications done or costs incurred without prior written authorization from UFP.

MUNGO HOMES OF NC

LANGDON PRESERVE

TELFAIR

LOT 11

ANGIER, NC

REVISIONS	DATE	DESCRIPTION	DSN

DESIGNER GB1
 LAYOUT DATE 11/13/2024
 ARCH DATE 9/6/24
 STRUC DATE 9/6/24
 JOB #: 24102302F1