

\* IN COMPLIANCE WITH THE 2021 IRC

**1 FOUNDATION PROFILE PLAN**  
 SCALE: 1/4"=1'-0" (22x34) 1/8"=1'-0" (11x17)

CD REVIEW SET\_10/26/2022

**RODDY RESIDENCE**  
 5606 LEA CREST LANE  
 FORT WORTH, TX 76135  
 LOT: 1RB BLOCK: 4



CLIENT:	RODDY
DRAWN BY:	HB/MS
CHECKED BY:	HB
ISSUED DATE:	10/26/2022
REVISION #	00

SHEET #

**F1.0**

THESE PLANS ARE INTENDED TO PROVIDE THE BASIC CONSTRUCTION INFORMATION NECESSARY TO SUBSTANTIALLY COMPLETE THIS STRUCTURE. THESE PLANS MUST BE VERIFIED AND CHECKED COMPLETELY BY THE BUILDER OR PERSON IN AUTHORITY FOR THE JOB. IF FOUND ANY ERRORS AND/OR OMISSIONS MUST BE CHECKED WITH THE DESIGNER BEFORE WORK AND CONSTRUCTION IS MADE. FEDERAL, STATE, AND LOCAL CODES, ORDINANCES AND REQUIREMENTS TAKE PRECEDENCE OVER ANY PART OF THESE DRAWINGS WHICH MAY CONFLICT WITH THESE REQUIREMENTS. CONTRACTORS AND DESIGNERS ARE ADVISED TO BEFORE ANY CONSTRUCTION BEGINS AT THE JOB SITE. THESE PLANS AND INFORMATION MUST BE VERIFIED BY THE CONTRACTOR AT THE JOB SITE. THESE PLANS AND THEIR USE ARE THE PROPERTY OF HMB GROUP/CONSTRUCTION, AND ARE TO NOT BE REPRODUCED, ALTERED, COPIED, USED FOR CONSTRUCTION OR REUSED WITHOUT WRITTEN PERMISSION FROM HANK BOUNKHONG OF HMB DESIGN, LLC. LIMIT OF DESIGNER'S LIABILITY ARE NOT TO EXCEED THE PRICES PAID FOR THE PLANS.

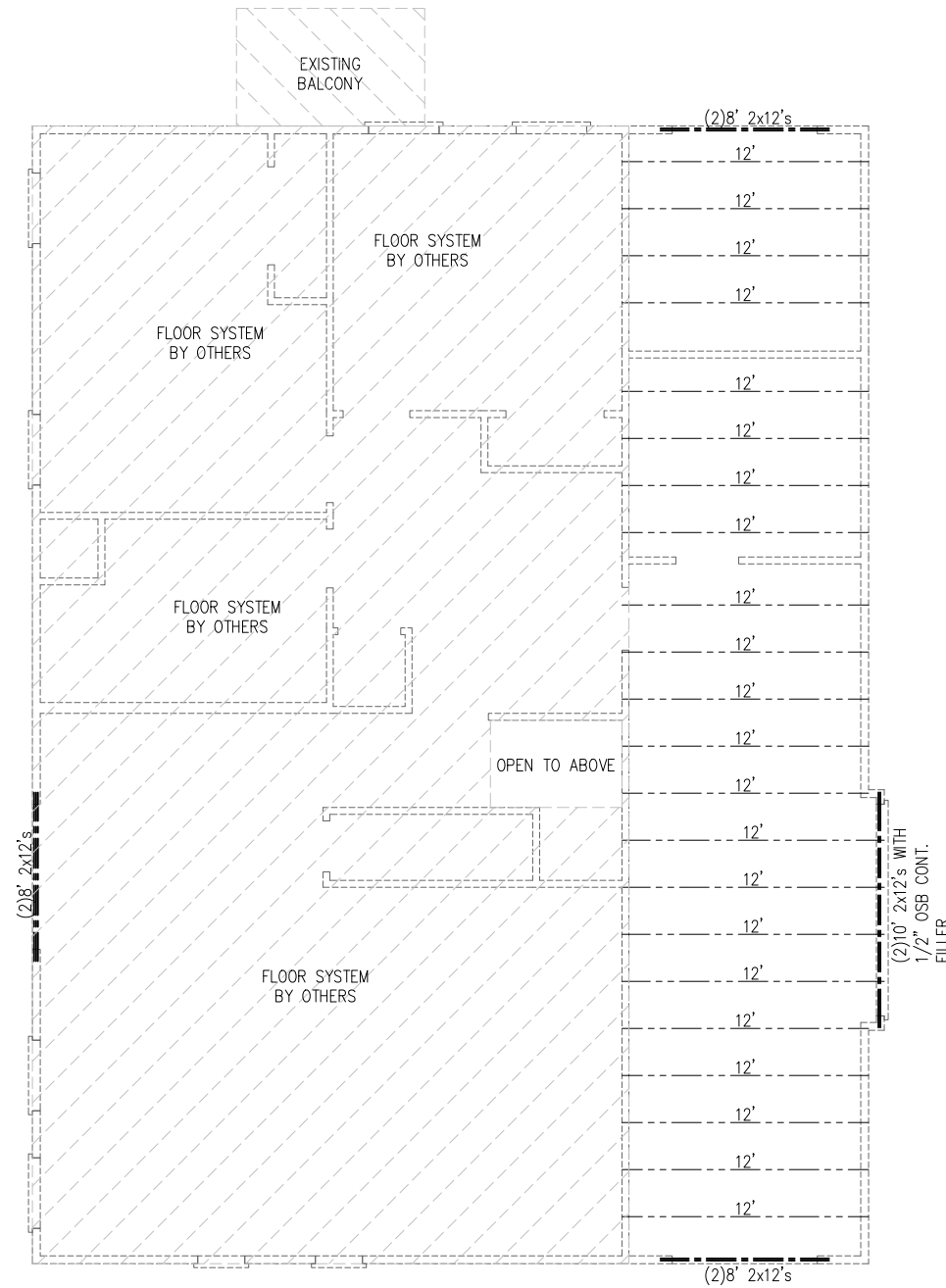
1. JOIST AND BEAM HANGERS, WHERE SPECIFIED, SHALL BE FULLY NAILED PER MANUFACTURER'S CATALOG SPECIFICATIONS. SEE CHART ON SHEETS DTL-3 & DTL-6 FOR PRE-APPROVED HANGER SIZES.
2. MULTIPLE-STUD COLUMN SUPPORTS, WHERE SPECIFIED, SHALL HAVE EACH PLY NAILED TOGETHER WITH 10d COMMONS @ 9" O.C. (2 ROWS OF NAILS REQUIRED FOR 2x6 STUDS).
3. DECKING FOR UNINHABITABLE ATTICS WITH LIMITED STORAGE SHALL BE MINIMUM 7/16" PLYWOOD or OSB, WITH A SPAN RATING THAT MEETS or EXCEEDS THE CEILING JOIST SPACING.
4. MULTIPLE-PLY BEAMS, WHERE SPECIFIED, SHALL HAVE EACH PLY NAILED TOGETHER WITH 2 ROWS OF 16d SHORTS x0.131 GUN NAILS @ 12" O.C. (3 ROWS OF NAILS REQUIRED FOR BEAMS EXCEEDING 12" MIN DEPTH).
5. REFER TO I.R.C. TABLE R502.3.1(2) FOR FLOOR JOISTS SPANS WHERE APPLICABLE.
6. REFER TO I.R.C. TABLES R802.4(1) AND R802.4(2) FOR CEILING JOISTS SPAN CHARTS.

MAXIMUM CLEAR SPAN FOR CEILING JOIST-W./ GYPSUM CLG.10		
LBS LIVE 5 LBS DEAD (NO ATTIC STORAGE)		
12" O.C.	16" O.C.	24" O.C.
2x4 11'-10"	2x4 10'-9"	2x4 9'-3"
2x6 18'-8"	2x6 16'-11"	2x6 13'-11"
2x8 24'-7"	2x8 21'-7"	2x8 17'-7"
2x10 26'-0"	2x10 25'-7"	2x10 20'-11"

#2 YP.

MAXIMUM CLEAR SPAN FOR CEILING JOIST-W./ GYPSUM CLG.20		
LBS LIVE 10LBS DEAD (ATTIC STORAGE)		
12" O.C.	16" O.C.	24" O.C.
2x4 9'-3"	2x4 8'-0"	2x4 6'-7"
2x6 13'-11"	2x6 12'-0"	2x6 9'-10"
2x8 17'-7"	2x8 15'-3"	2x8 12'-6"
2x10 20'-11"	2x10 18'-1"	2x10 14'-9"

#2 YP.



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CD REVIEW SET\_10/26/2022

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5606 LEA CREST LANE  
FORT WORTH, TX 76135  
LOT: 1RB BLOCK: 4



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SHEET #

F2.0

**1 MAIN FLOOR PLAN - FRAMING PLAN**

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

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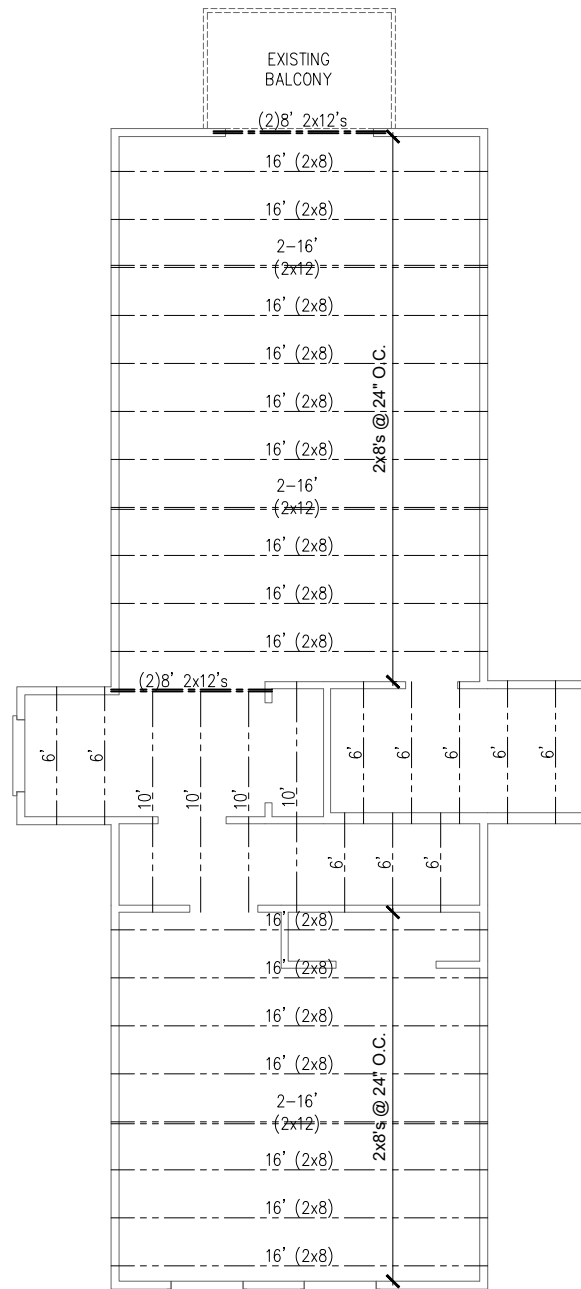
1. JOIST AND BEAM HANGERS, WHERE SPECIFIED, SHALL BE FULLY NAILED PER MANUFACTURER'S CATALOG SPECIFICATIONS. SEE CHART ON SHEETS DTL-3 & DTL-6 FOR PRE-APPROVED HANGER SIZES.
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6. REFER TO I.R.C. TABLES R802.4(1) AND R802.4(2) FOR CEILING JOISTS SPAN CHARTS.

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LBS LIVE 5 LBS DEAD (NO ATTIC STORAGE)			
12" O.C.	16" O.C.	24" O.C.	
2x4 11'-10"	2x4 10'-9"	2x4 9'-3"	
2x6 18'-8"	2x6 16'-11"	2x6 13'-11"	
2x8 24'-7"	2x8 21'-7"	2x8 17'-7"	
2x10 26'-0"	2x10 25'-7"	2x10 20'-11"	

#2 YP.

MAXIMUM CLEAR SPAN FOR CEILING JOIST-W./ GYPSUM CLG.20			
LBS LIVE 10LBS DEAD (ATTIC STORAGE)			
12" O.C.	16" O.C.	24" O.C.	
2x4 9'-3"	2x4 8'-0"	2x4 6'-7"	
2x6 13'-11"	2x6 12'-0"	2x6 9'-10"	
2x8 17'-7"	2x8 15'-3"	2x8 12'-6"	
2x10 20'-11"	2x10 18'-1"	2x10 14'-9"	

#2 YP.



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**1 UPPER FLOOR PLAN - FRAMING PLAN**

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

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RODDY RESIDENCE  
5606 LEA CREST LANE  
FORT WORTH, TX 76135  
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**F3.0**

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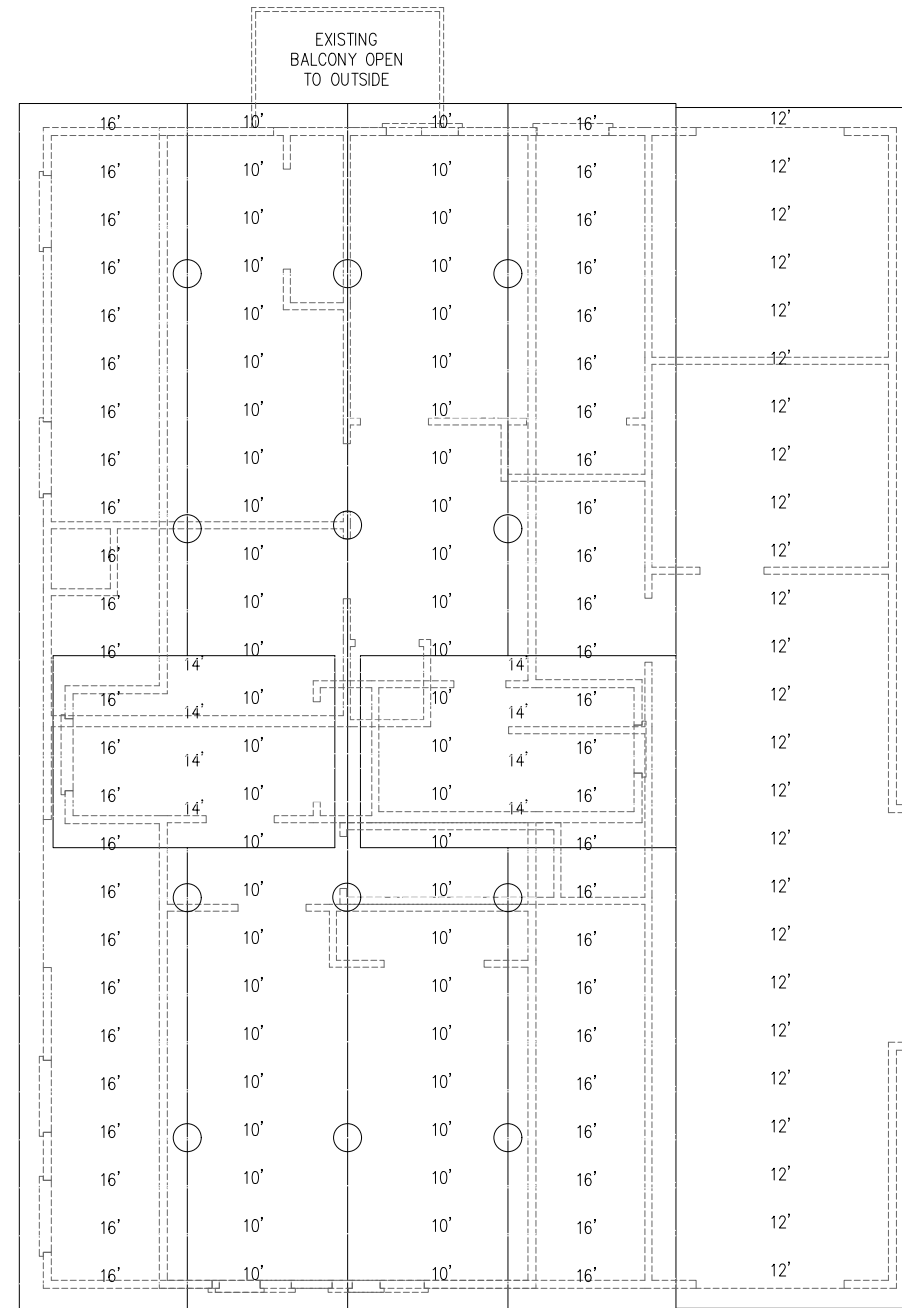
1. RIDGE, HIP, VALLEY, AND PURLIN LOADS SHALL BE DISTRIBUTED TO WALLS OR BEAMS BELOW BY "T" BRACES. REFER TO "T-BRACE SCHEDULE" ON SHEET DTL-4 FOR SIZING INFO. THE "T" BRACES SHALL BE INSTALLED AT AN ANGLE GREATER THAN 45 DEGREES WITH THE HORIZONTAL. BRACE PURLINS AT 4'-0" O.C. MAX.
2. RAFTER SPANS EXCEEDING I.R.C. SPAN CHART REQUIREMENTS (LISTED IN NOTE #4) WITH THE HORIZONTAL DISTANCE SHALL BE BRACED WITH A PURLIN. SEE SHEET DTL-4 FOR DETAILS.
3. THE ROOF SUPPORT FRAMING IS DESIGNED TO SUPPORT AN ASPHALT or COMPOSITION SHINGLE ROOF. VARIATIONS FROM THIS TYPE OF ROOF COVERING SYSTEM MUST BE BROUGHT TO THE ATTENTION OF THE FRAMING ENGINEER FOR RE-DESIGN.
4. REFER TO I.R.C. TABLES R802.5.1(1) AND R802.5.1(2) FOR ROOF RAFTER SPAN CHARTS, FOR COMPOSITION ROOFING MATERIAL.
5. REFER TO I.R.C. TABLES R802.5.1(3) AND R802.5.1(5) FOR ROOF RAFTER SPAN CHARTS; FOR SLATE ROOFING MATERIAL.
6. ANY CHANGES IN THE FIELD REGARDING ROOFING MATERIAL MUST BE BROUGHT TO NORTEX'S ATTENTION FOR RE-DESIGN.

MAXIMUM CLEAR SPAN FOR RAFTERS NO GYPSUM CEILING - STANDARD ROOF COVERING 20 LBS LIVE, 10 LBS DEAD			
12" O.C.	16" O.C.	24" O.C.	
2x6 14'-9"	2x6 14'-1"	2x6 11'-0"	
2x8 19'-6"	2x8 18'-6"	2x8 13'-11"	
2x10 23'-5"	2x10 23'-2"	2x10 16'-6"	
2x12 26'-0"	2x12 26'-0"	2x12 19'-6"	

#2 YP.

MAXIMUM CLEAR SPAN FOR RAFTERS W/ GYPSUM CEILING - STANDARD ROOF COVERING 20 LBS LIVE, 20 LBS DEAD			
12" O.C.	16" O.C.	24" O.C.	
2x6 13'-6"	2x6 11'-8"	2x6 9'-6"	
2x8 17'-1"	2x8 14'-9"	2x8 12'-1"	
2x10 20'-3"	2x10 17'-6"	2x10 14'-4"	
2x12 23'-10"	2x12 20'-8"	2x12 16'-10"	

#2 YP.



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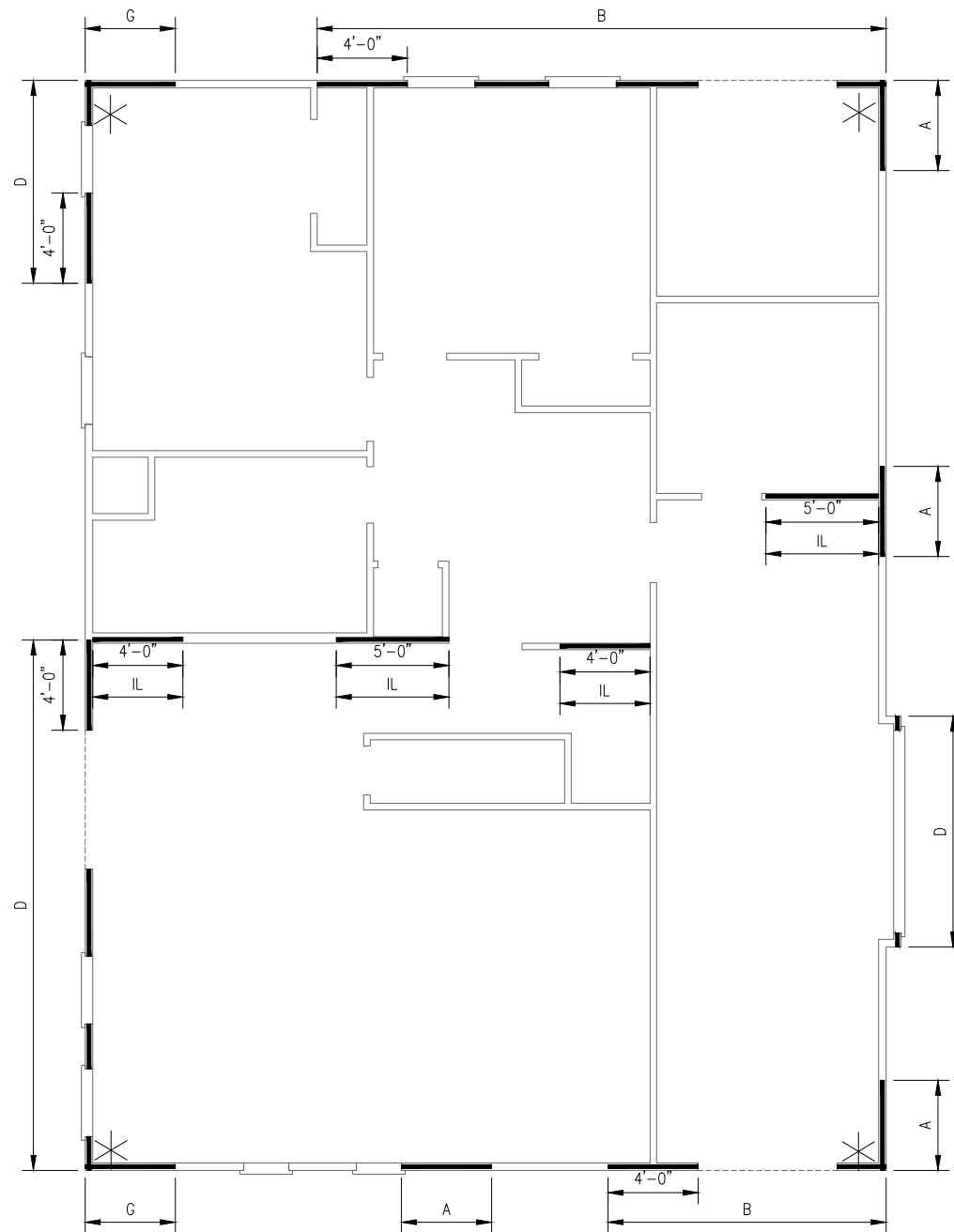
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SHEET #

F4.0

**1** ROOF RAFTER PLAN

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



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1. ATTACH EXTERIOR POST (IF PRESENT) TO FOUNDATION BELOW AND TO FRAMING ABOVE PER THE TYPICAL DETAIL ON SHEET DTL-3
2. INSTALL FLOOR-TO-FLOOR SHEAR WALL PANEL STRAPS PER TYPICAL DETAIL ON SHEET DTL-2.
3. FOR GENERAL NOTES, SEE SHEET DTL-3.
4. FOR LATERAL BRACING DETAILS & DESCRIPTIONS, SEE SHEETS DTL-1, DTL-2 & DTL-3.

- ✱ INSTALL TIE-DOWNS AT INDICATED LOCATIONS
- ✱ HOLD DOWN NOT NECESSARY AT THIS LOCATION IF HEADER IS CONTINUOUS OVER SUPPORT



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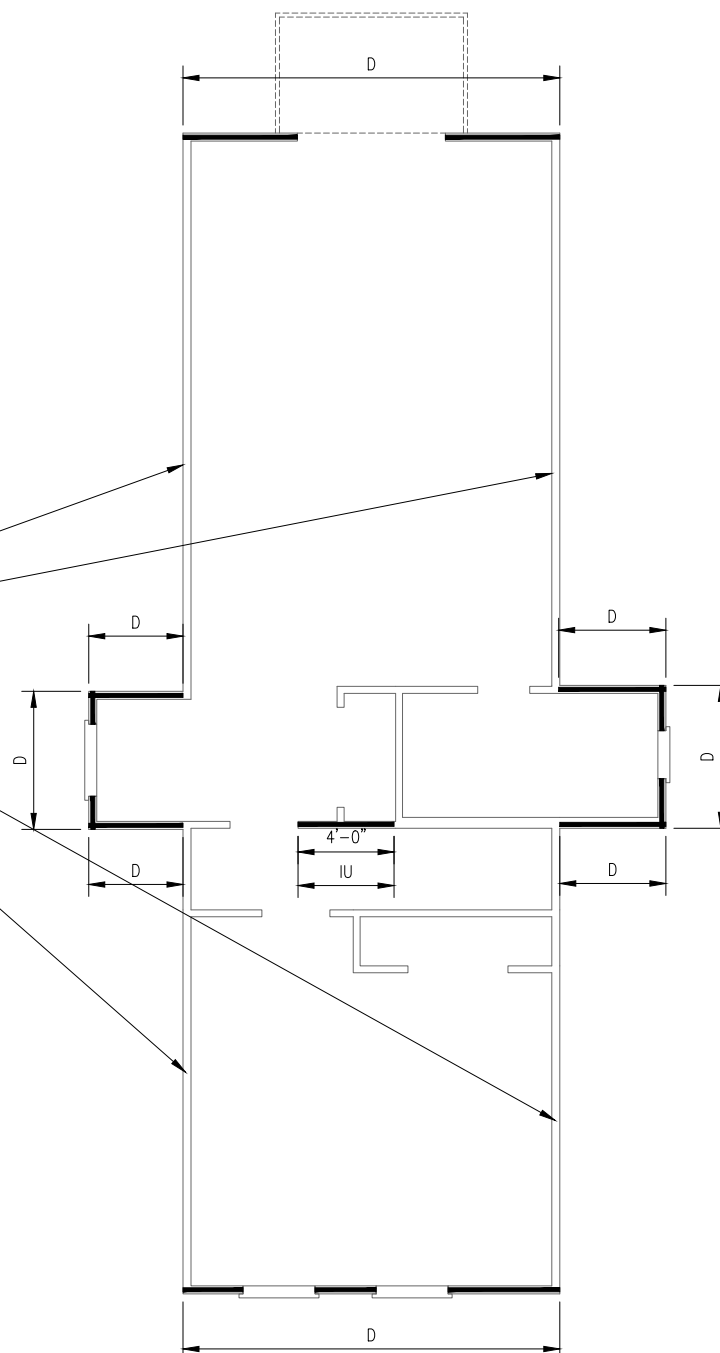
SHEET #

F2.1

# 1 MAIN FLOOR- LATERAL BRACING PLAN

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

THESE PERIMETER WALLS ARE INTERIOR AND WILL BE SUFFICIENTLY BRACED WITH SHEETROCK ON THE INSIDE FACE.



1. ATTACH EXTERIOR POST (IF PRESENT) TO FOUNDATION BELOW AND TO FRAMING ABOVE PER THE TYPICAL DETAIL ON SHEET DTL-3
2. INSTALL FLOOR-TO-FLOOR SHEAR WALL PANEL STRAPS PER TYPICAL DETAIL ON SHEET DTL-2.
3. FOR GENERAL NOTES, SEE SHEET DTL-2.
4. FOR LATERAL BRACING DETAILS & DESCRIPTIONS, SEE SHEETS DTL-1, DTL-2 & DTL-3.

✱ INSTALL TIE-DOWNS AT INDICATED LOCATIONS

✱ HOLD DOWN NOT NECESSARY AT THIS LOCATION IF HEADER IS CONTINUOUS OVER SUPPORT



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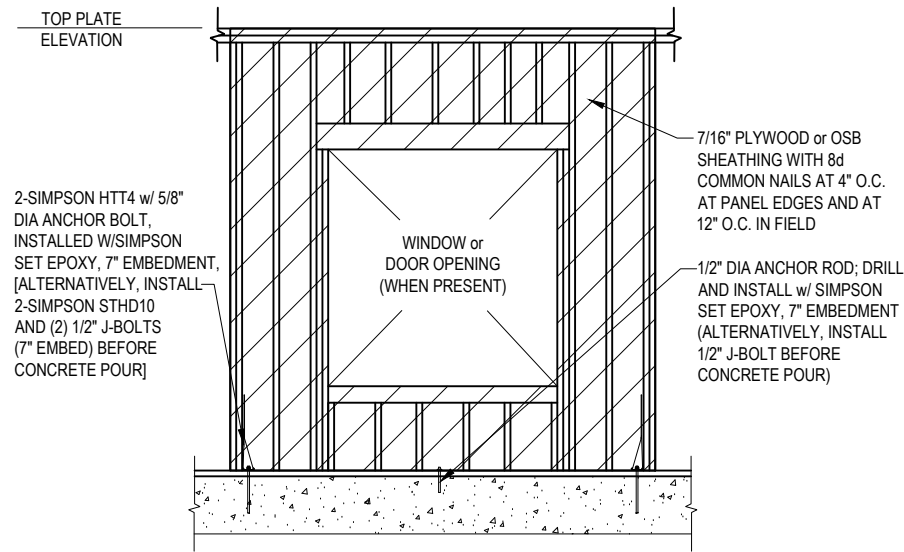
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**1 UPPER FLOOR- LATERAL BRACING PLAN**  
SCALE: 1/4"=1'-0" (22x34) 1/8"=1'-0" (11x17)

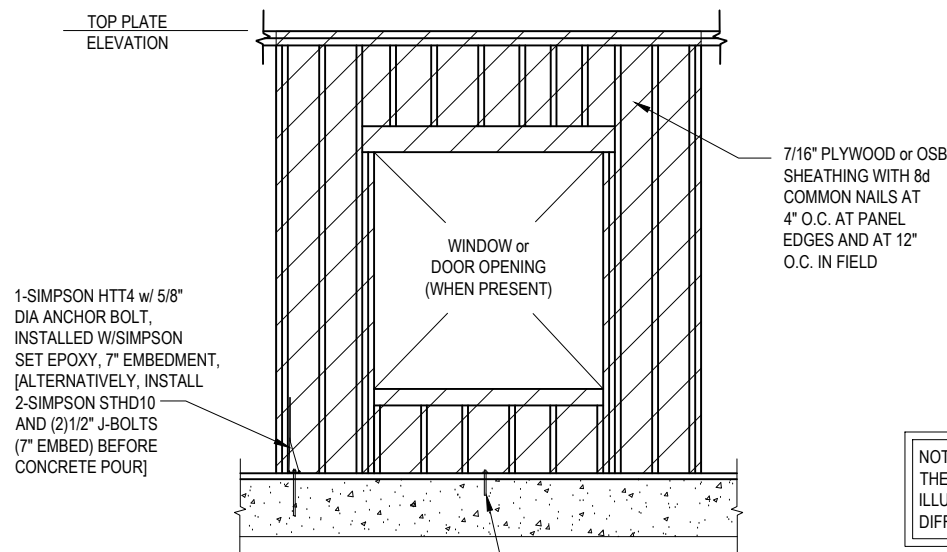
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**F3.1**

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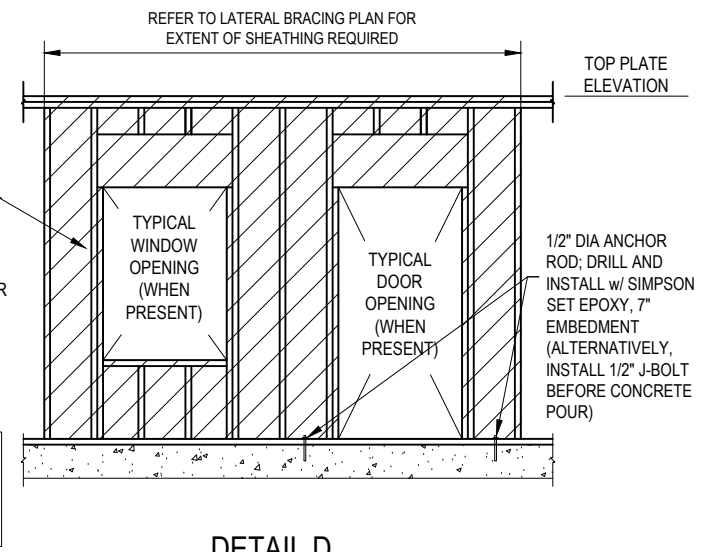


**DETAIL N**  
WALL STIFFENER PANEL  
w/ (2) HOLD DOWNS  
SCALE: N.T.S



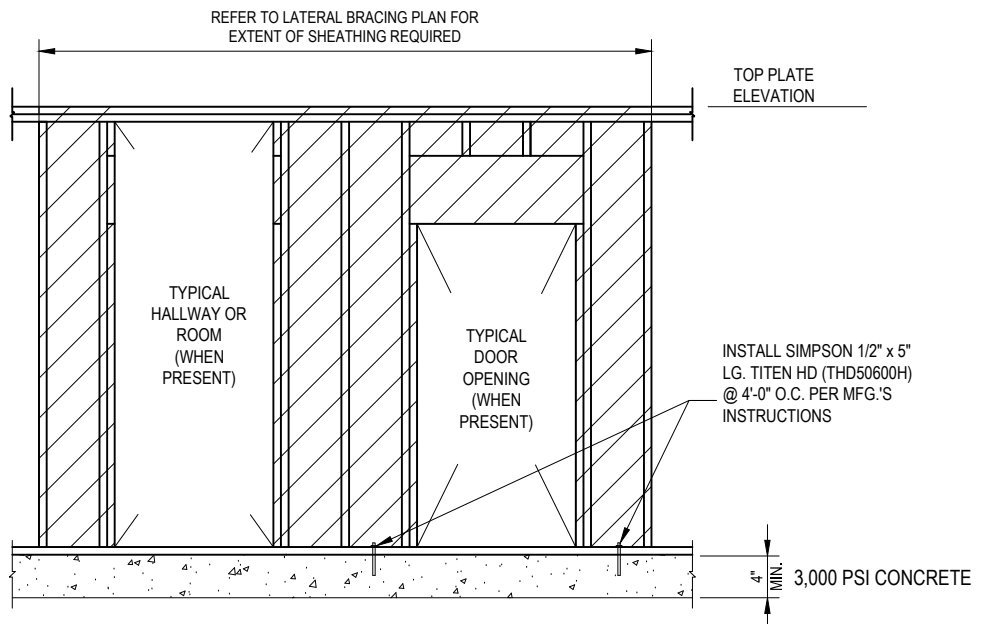
NOTE:  
SEE PLAN FOR HOLD DOWN PLACEMENT

**DETAIL B**  
WALL STIFFENER PANEL  
w/ HOLD DOWN IN CORNER  
SCALE: N.T.S

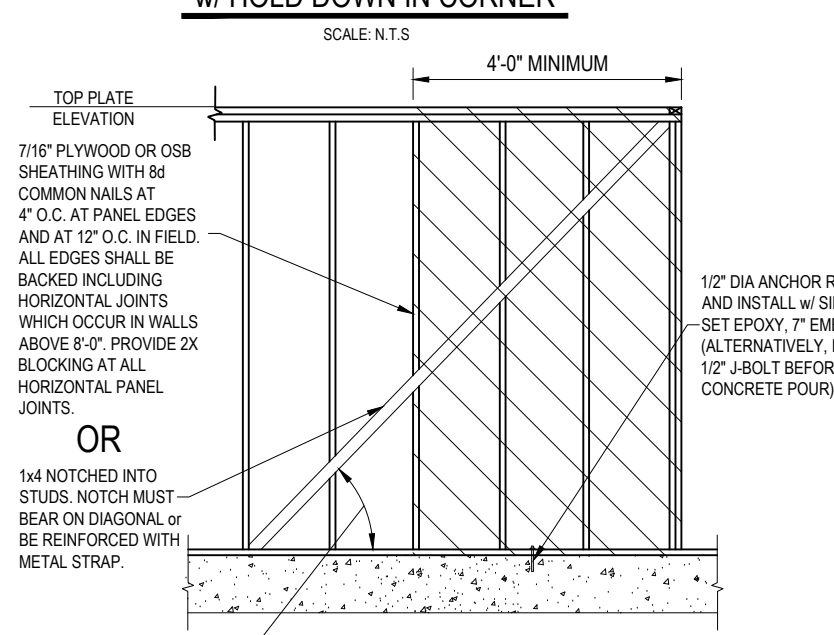


NOTE:  
THE ELEVATION SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY AND MAY DIFFER FROM ACTUAL CONDITIONS

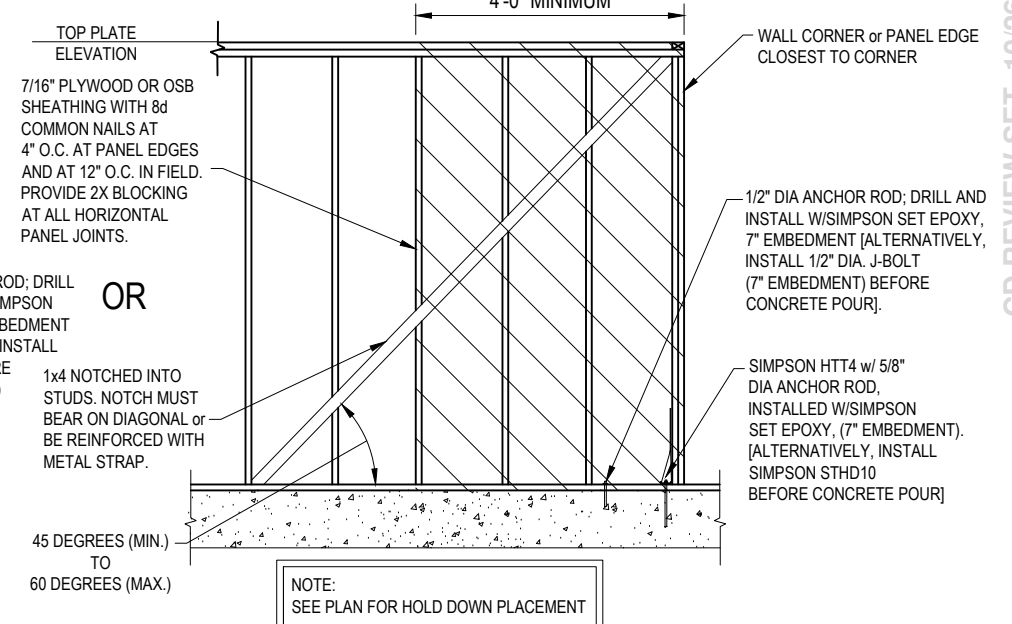
**DETAIL D**  
CONTINUOUSLY SHEATHED WALL  
SCALE: N.T.S



**DETAIL I**  
INTERIOR SHEATHING DETAIL  
SCALE: N.T.S



**DETAIL A**  
PERFORATED SHEARWALL DETAIL  
SCALE: N.T.S



NOTE:  
SEE PLAN FOR HOLD DOWN PLACEMENT

**DETAIL G**  
PERFORATED SHEARWALL CORNER DETAIL  
SCALE: N.T.S

NOTE:  
THE ELEVATION SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY AND MAY DIFFER FROM ACTUAL CONDITIONS

SHEATH WALL AREAS ABOVE, BELOW, AND ADJACENT TO OPENINGS WITH 1/2\"/>

NOTE:  
RED THERMO-PLY IS AN ALLOWABLE SUBSTITUTION FOR OSB/PLYWOOD SHEATHING. SEE GFD-1 FOR ADDITIONAL INFORMATION.

**M** SHEATH CONTINUOUSLY AROUND CURVED WALL (ABOVE, BELOW, AND BETWEEN OPENINGS) WITH ENERGY BRACE 0.106\"/>

**NOTE:**  
USE A METALLISCANNER TO LOCATE EXISTING CABLES

**LATERAL BRACING DETAILS**

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**FRAMING GENERAL NOTES**

**1. ENGINEERED DESIGN**

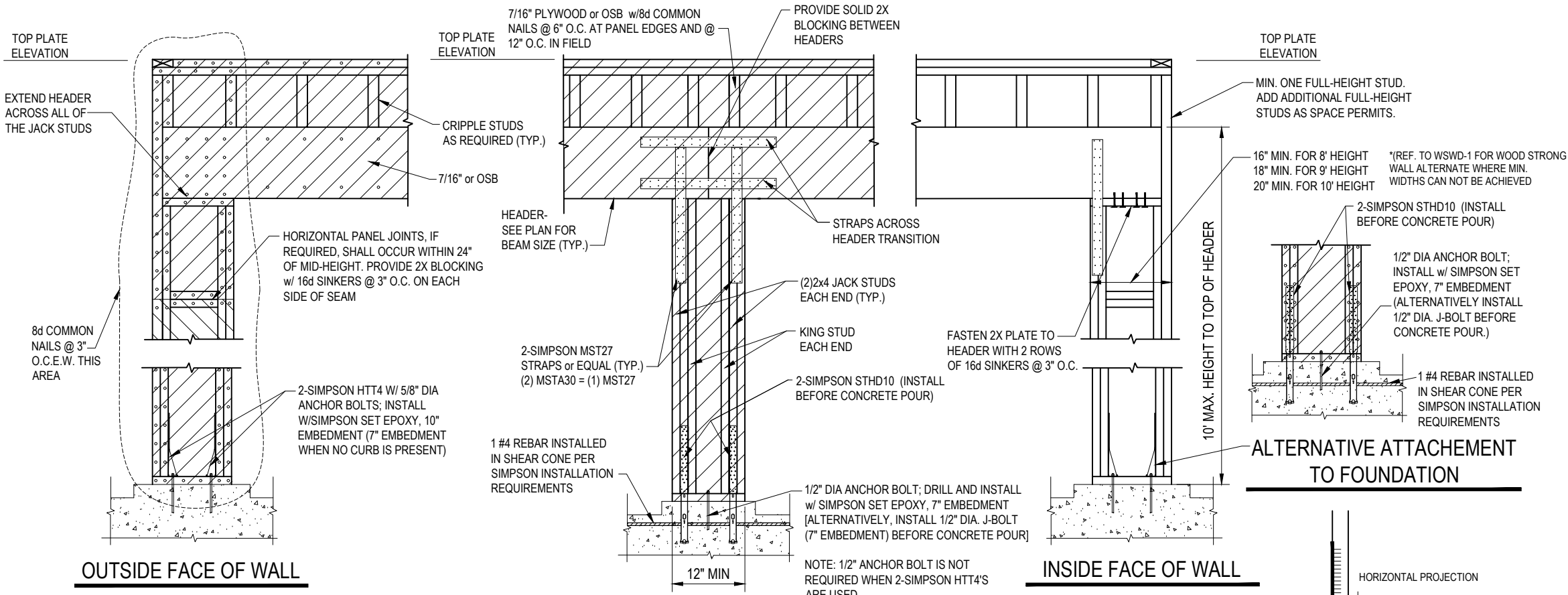
- 1.1 THE ENGINEERED DESIGN OF THIS STRUCTURE IS INTENDED TO MEET THE FRAMING ENGINEERED DESIGN REQUIREMENTS AS ISSUED BY THE CITY OF
- 1.2 THE ENGINEERED DESIGN OF THIS STRUCTURE IS DESIGNED FOR A BASIC WIND SPEED OF PER INTERNATIONAL RESIDENTIAL CODE, EDITION
- 1.3 PER IRC R301.1.2 THE EXTENT OF THE ENGINEERED DESIGN "SHALL ONLY DEMONSTRATE COMPLIANCE OF THESE NONCONVENTIONAL ELEMENTS WITH OTHER APPLICABLE PROVISIONS AND SHALL BE COMPATIBLE WITH THE PERFORMANCE OF THE CONVENTIONAL FRAMED SYSTEMS."
- 1.4 ITEMS NOT COVERED ON THESE DRAWINGS SHALL MAINTAIN STRICT COMPLIANCE WITH THE I.R.C.

**2. WOOD SPECIFICATIONS**

- 2.1 ALL STUDS SHALL BE SPF STUD GRADE OR EQUIVALENT.
- 2.2 SILL PLATES SHALL BE PRESSURE TREATED #2 S.Y.P.
- 2.3 RAFTERS AND JOISTS SHALL BE #2 S.Y.P. WITH A MODULUS OF ELASTICITY,  $E=1,600,000$  psi UNLESS NOTED OTHERWISE.
- 2.4 HEADERS AND BEAMS, WHEN SPECIFIED, SHALL HAVE A MINIMUM MODULUS OF ELASTICITY,  $E=1,800,000$  psi, AND TABULATED BENDING STRESS,  $F_b=2400$  psi, UNLESS NOTED OTHERWISE.

**3. EXTERIOR WALL BRACING**

- 3.1 THIS SHEET REPRESENTS THE EXTENT OF THE LATERAL BRACING WHICH NEEDS TO BE INSTALLED TO COMPLY WITH SECTION R602.10 OF THE IRC. THERE ARE AREAS WHICH DO NOT CONFORM TO THIS SECTION. ENGINEERED SOLUTIONS AS SHOWN ARE PROVIDED TO ENSURE ADEQUATE PERFORMANCE WITH THE SYSTEM.
- 3.2 ALL STRUCTURAL PANEL SHEATHING, LOCATED AS SHOWN ON THE PLAN, SHALL BE 7/16" THICK PLYWOOD OR OSB. PANELS SHALL BE SECURED TO FRAMING WITH 1 1/2" LONG, 16 GAUGE STAPLES OR 8d COMMONS SPACED AT 3" O.C. AROUND THE EDGE AND 6" O.C. IN THE FIELD.
- 3.3 A 2x HORIZONTAL BLOCKING MEMBER SHALL BE INSTALLED AT ALL HORIZONTAL JOISTS FOR STRUCTURAL PANEL WOOD SHEATHING. THE BRACING PLAN AS SHOWN ON THIS SHEET SHALL BE REFERRED TO FOR THE BRACING LOCATIONS.
- 3.4 IF SIMPSON STRONGWALLS ARE TO BE USED, CONSIDERATION SHALL BE GIVEN TO PLACING THE ORDER WITH APPROPRIATE LEAD TIME (POSSIBLY AS MUCH AS 2 WEEKS) AS ALL PRODUCTS MAY NOT BE IN STOCK.
- 3.5 WHEN DRILLING INTO THE SLAB FOR HOLD-DOWNS OR ANCHOR BOLTS, CARE SHOULD BE TAKEN TO AVOID DAMAGE OF POST-TENSIONED CABLES.

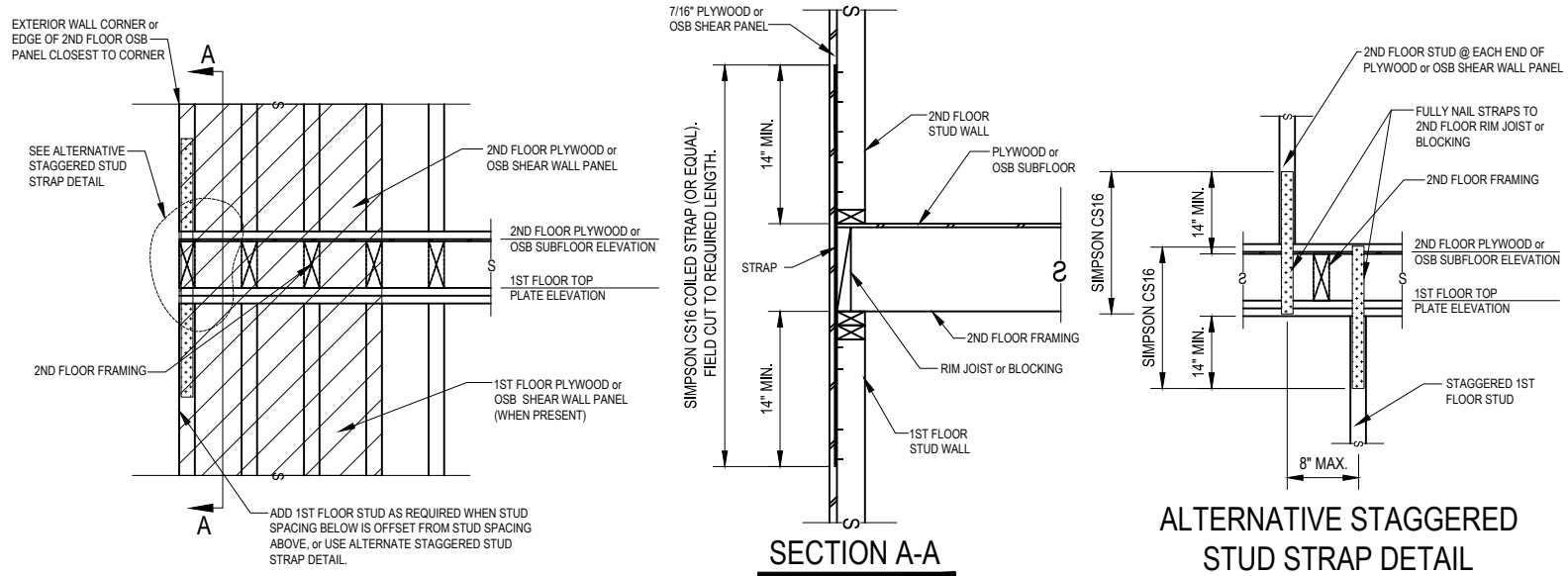


NOTE:  
RED THERMO-PLY IS AN ALLOWABLE  
SUBSTITUTION FOR OSB/PLYWOOD  
SHEATHING. SEE GFD-1 FOR ADDITIONAL  
INFORMATION.

**BRACED WALL PANEL BETWEEN GARAGE DOORS**  
\*\*WHEN HEADER NOT CONTINUOUS  
**DETAIL J**  
**BUILT-UP PORTAL FRAME**  
SCALE: N.T.S

UNLESS NOTED OTHERWISE, FLOOR-TO-FLOOR SHEAR WALL PANEL STRAPS ARE REQUIRED AT EXTERIOR WALL CORNERS ONLY

**LATERAL BRACING DETAILS**



**TYPICAL FLOOR-TO-FLOOR SHEARWALL PANEL STRAP DETAIL**  
SCALE: N.T.S



**PERMIT SET**

PROJECT # 22-134-01

THESE PLANS ARE INTENDED TO PROVIDE THE BASIC CONSTRUCTION INFORMATION NECESSARY TO SUBSTANTIALLY COMPLETE THIS STRUCTURE. THESE PLANS MUST BE VERIFIED AND CHECKED COMPLETELY BY THE BUILDER OR PERSON IN AUTHORITY FOR THE JOB. IF FOUND ANY ERRORS AND/OR OMISSIONS MUST BE CHECKED WITH THE DESIGNER BEFORE WORK AND CONSTRUCTION IS MADE. FEDERAL, STATE, AND LOCAL CODES, ORDINANCES AND REQUIREMENTS TAKE PRECEDENCE OVER ANY PART OF THESE DRAWINGS WHICH MAY CONFLICT WITH ANY APPLICABLE CODES, ORDINANCES AND REQUIREMENTS. THE BUILDER MUST VERIFY THE ACCURACY OF THE INFORMATION AND CONDITIONS AT THE JOB SITE. THESE PLANS AND THEIR USE ARE THE PROPERTY OF HMB GROUP/CONSTRUCTION, AND ARE TO NOT BE REPRODUCED, ALTERED, COPIED, USED FOR CONSTRUCTION OR REUSED WITHOUT WRITTEN PERMISSION FROM HANK BOUNNINGHOF OF HMB DESIGN, LLC. LIMIT OF DESIGNER'S LIABILITY ARE NOT TO EXCEED THE PRICES PAID FOR THE PLANS.

CD REVIEW SET\_10/26/2022

**RODDY RESIDENCE**  
**5606 LEA CREST LANE**  
**FORT WORTH, TX 76135**  
**LOT: 1RB BLOCK: 4**



CLIENT:	RODDY
DRAWN BY:	HG/MS
CHECKED BY:	HB
ISSUED DATE:	10/26/2022
REVISION #	00

**SHEET #**  
**F6.0**



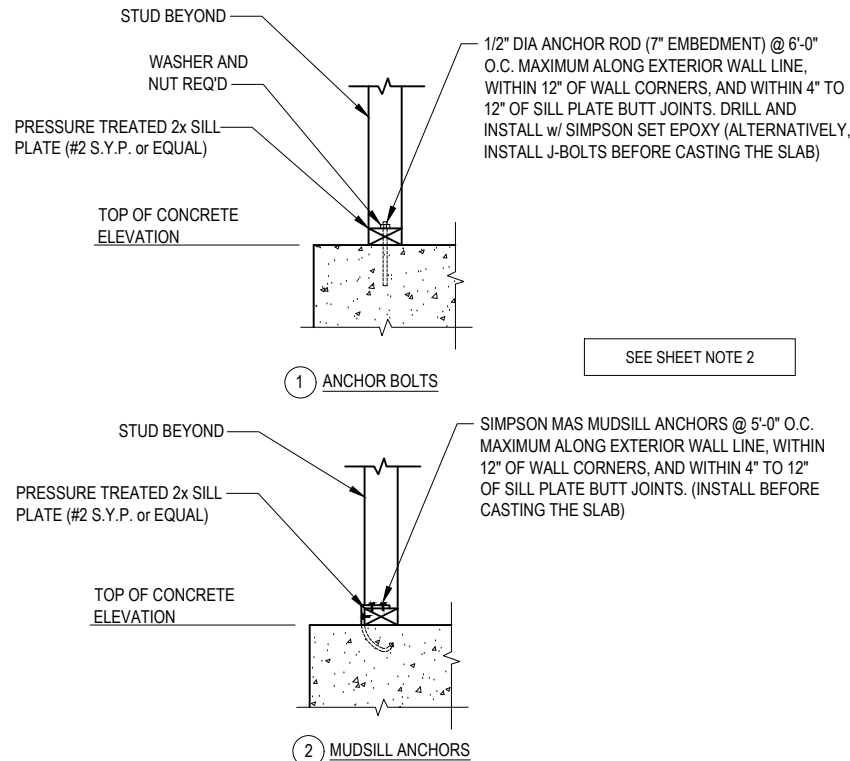
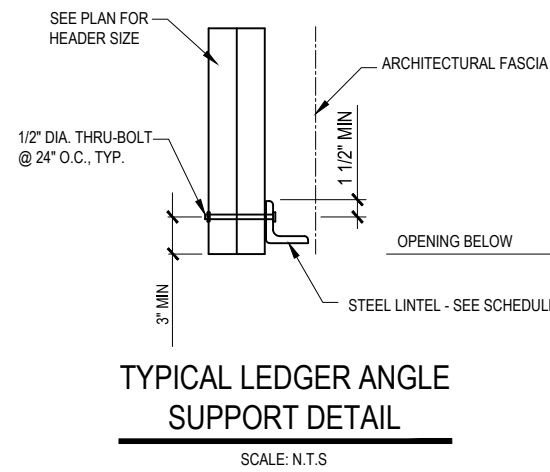
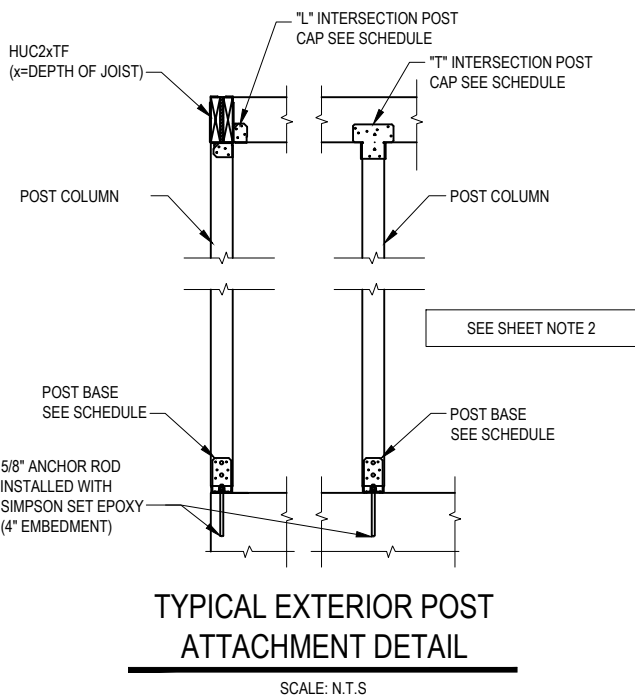
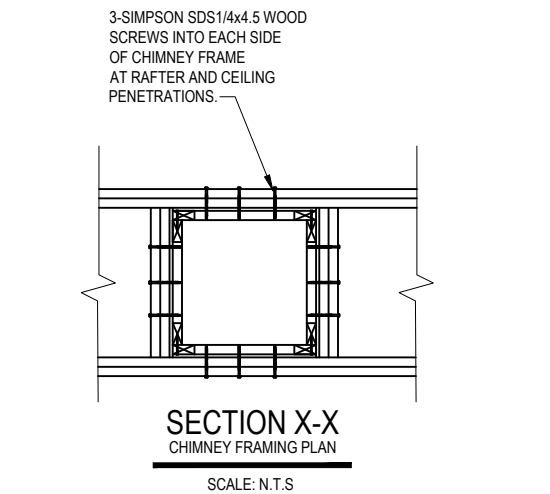
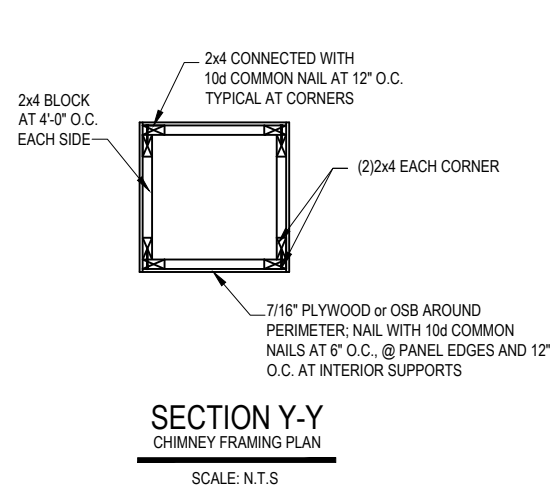
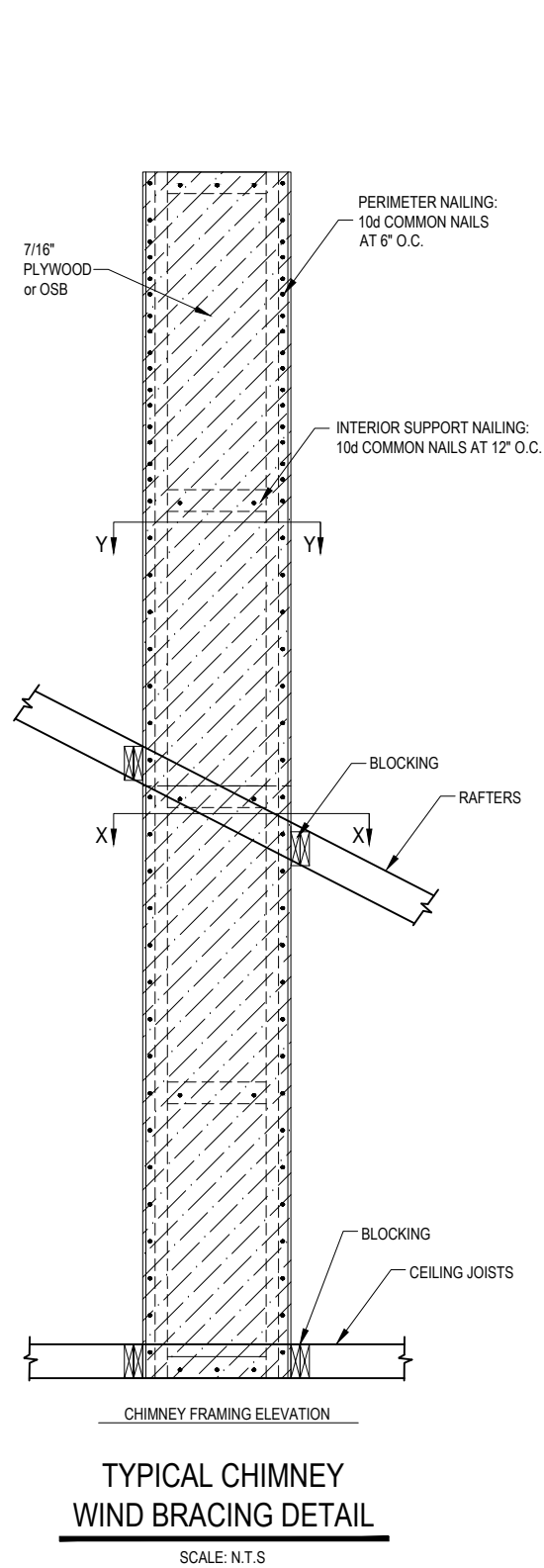
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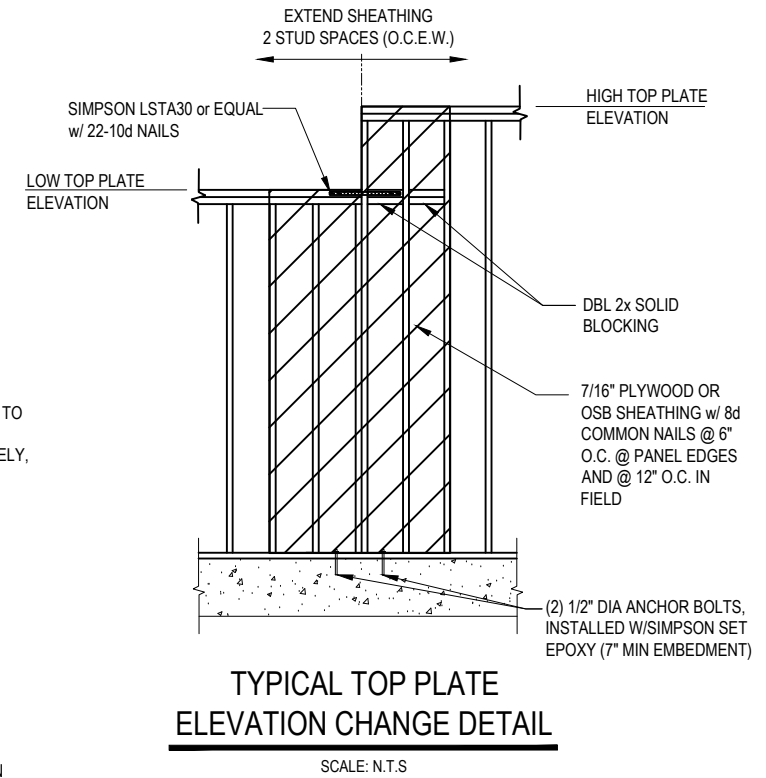
CLIENT:	RODDY	HEB/MS	HB	00
DRAWN BY:				
CHECKED BY:				
ISSUED DATE:		10/26/2022		
REVISION #				



POST COLUMN CONNECTION SCHEDULE (SIMPSON)

POST SIZE	POST CAPS		POST BASE
	"L" INTERSECTION	"T" INTERSECTION	
4 x 4	LCE4 (EACH SIDE)	AC4 (EACH SIDE)	ABU44
6 x 6	LCE4 (EACH SIDE)	AC6 (EACH SIDE)	ABU66
8 x 8	BC8	BC8	ABU88
10 x 10	LCE4 (EACH SIDE)	(2)LCE4 (EACH SIDE)	CB1010
12 x 12	LCE4 (EACH SIDE)	(2)LCE4 (EACH SIDE)	CB1212

- NOTES:
- USE SIMPSON Z-MAX FINISH or USP EQUIVALENT FOR POST CONNECTORS WITH PERMANENT EXTERIOR EXPOSURE.
  - USE PRESSURE TREATED LUMBER WHEN WOOD IS PERMANENTLY EXPOSED TO THE ENVIRONMENT.

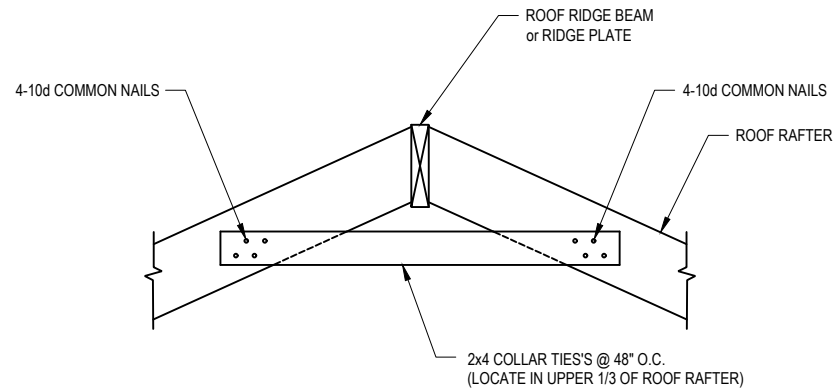


PRE-APPROVED STRUCTURAL CONNECTORS CROSS REFERENCE TABLE

SIMPSON STRONG-TIE	USP STRUCTURAL CONNECTORS	SIMPSON STRONG-TIE	USP STRUCTURAL CONNECTORS
A34	MP34	LTS12	LTS12
ABU44	PAU44	LTP4	MP4F
ABU66	PAU66	LUS26	JUS26
AC4	PBS44	LUS26-2	JUS26-2
AC6	PBS66	LUS26-3	JUS26-3
CS16	RS150	LUS28	JUS28
H3	RT3	LUS28-2	JUS28-2
H4	RT3	LUS28-3	JUS28-3
HGA10	HGA10	LUS210	JUS210
HHUS410	THD410	LUS210-2	JUS210-2
HHAS5.50/10	THD610	LUS210-3	JUS210-3
HTT16	HTT16	MAS	FA3
HTT22	HTT22	MST27	KST227
HU210-3	HU210-3	SPH4	SPTH4
HU212-3	HU212-3	SPH6	SPTH6
HU48	HU48	U410	SUH410
LSTA24	LSTA24	U414	SUH414
LSTA30	LSTA30		

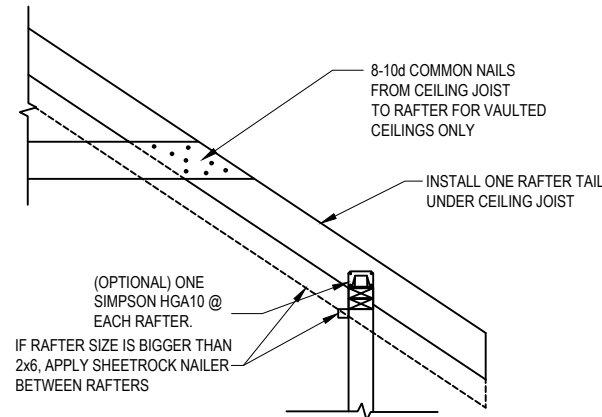


GENERAL FRAMING DETAILS



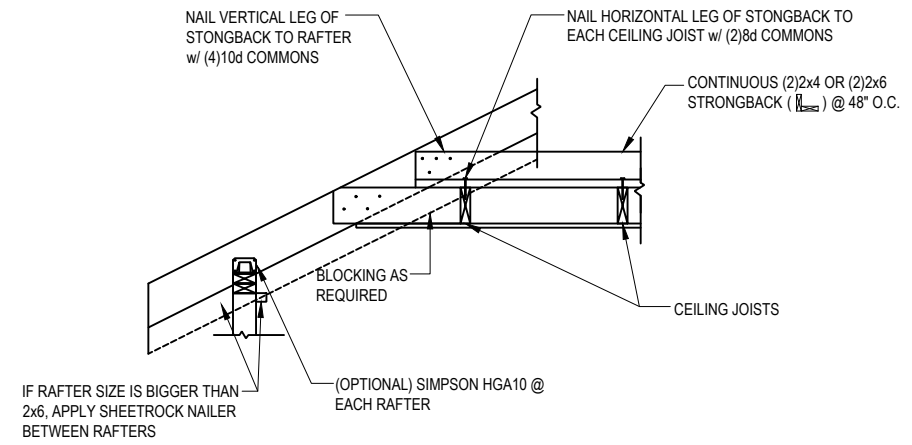
**COLLAR TIE CONNECTION DETAIL**

SCALE: N.T.S



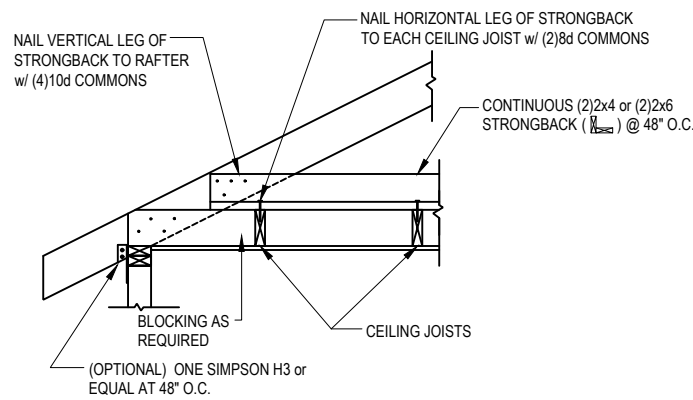
**VAULTED CEILING DETAIL**

SCALE: N.T.S



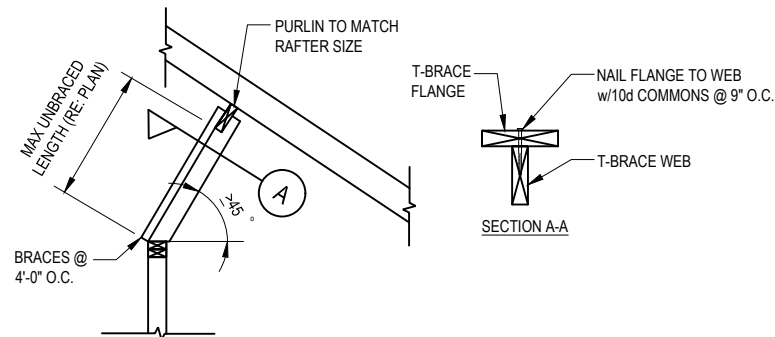
**VAULTED CEILING w/ CEILING JOIST PERPENDICULAR TO RAFTERS**

SCALE: N.T.S



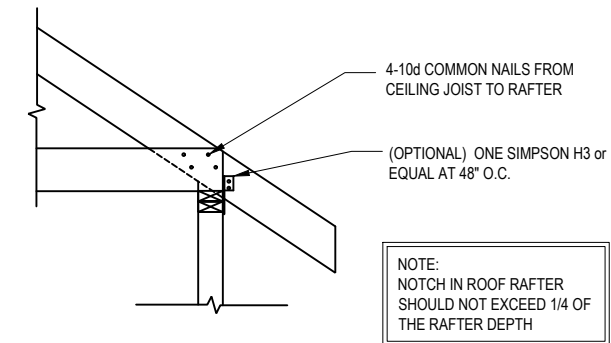
**CEILING JOISTS PERPENDICULAR TO RAFTERS**

SCALE: N.T.S



**T-BRACE PURLIN SUPPORT**

SCALE: N.T.S



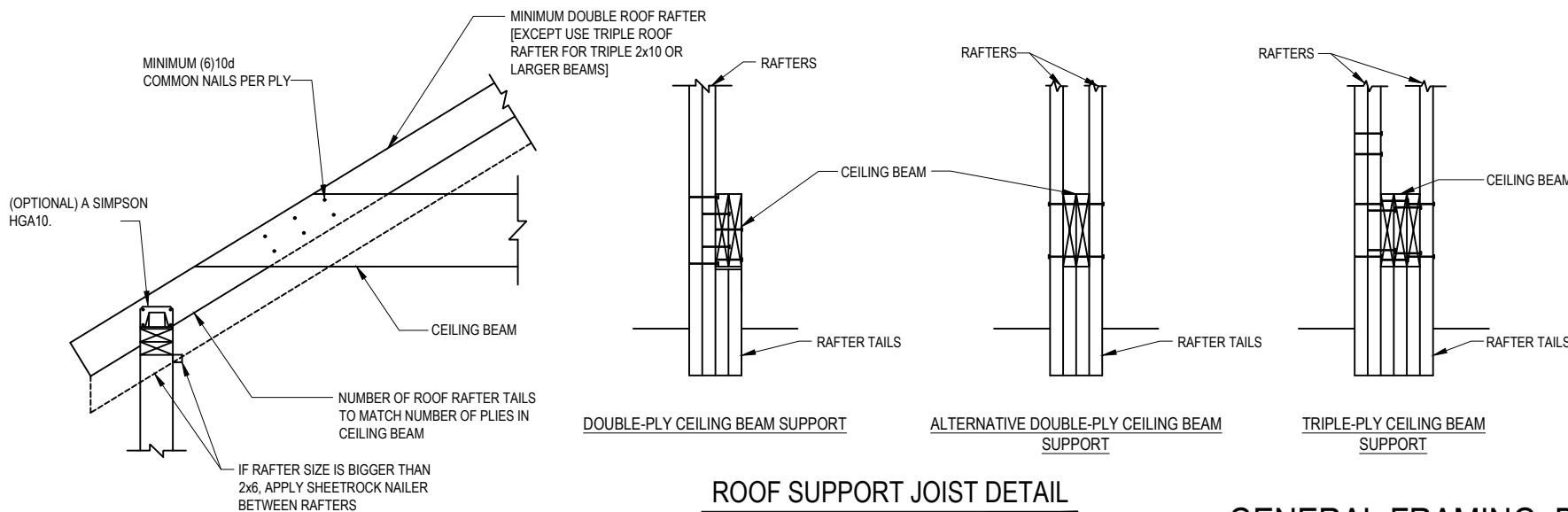
**RAFTER ATTACHMENT TO TOP PLATE DETAIL**

SCALE: N.T.S

"T" BRACING SCHEDULE		
HEIGHT	REQUIREMENTS	SECTION
1-10 FT.	2x4 "T" BRACING	
11-20 FT.	2x6/2x4 "T" BRACING	
21-30 FT.	2x8/2x6 "T" BRACING	

**NOTES**

- REFER TO SHEET DTL-1 FOR FRAMING GENERAL NOTES.
- RAFTERS, RIDGES, HIPS AND VALLEYS SHALL BE #2 S.Y.P. OR EQUAL.
- RIDGE, HIP, VALLEY, AND PURLIN LOADS SHALL BE DISTRIBUTED TO WALLS OR BEAMS BELOW BY "T" BRACES. REFER TO "T-BRACE SCHEDULE" ON THIS SHEET FOR SIZING. THE "T" BRACES SHALL BE INSTALLED AT AN ANGLE GREATER THAN 45 DEGREES WITH THE HORIZONTAL. BRACE PURLINS AT 4'-0" O.C. MAX.
- RAFTER SPANS EXCEEDING I.R.C. SPAN CHART (LISTED ON SHEET FR-3) WITH THE HORIZONTAL DISTANCE SHALL BE BRACED WITH A PURLIN MATCHING THE RAFTER SIZE IT IS BRACING.
- THE ROOF SUPPORT FRAMING IS DESIGNED TO SUPPORT AN ASPHALT OR COMPOSITION SHINGLE ROOF. VARIATIONS FROM THIS TYPE OF ROOF COVERING SYSTEM MUST BE BROUGHT TO THE ATTENTION OF THE FRAMING ENGINEER FOR RE-DESIGN.



**ROOF SUPPORT JOIST DETAIL**

SCALE: N.T.S

**GENERAL FRAMING DETAILS**

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FORT WORTH, TX 76135  
LOT: 1RB BLOCK: 4



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SHEET #

F8.0

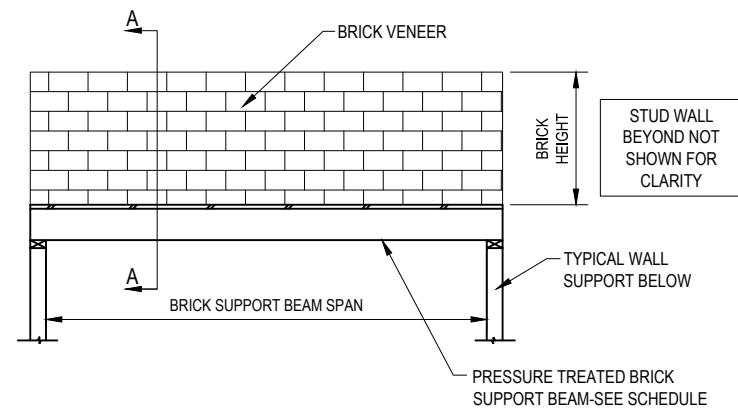
NOTES:

- REFER TO SHEET DTL-1 FOR GENERAL NOTES.
- ALL FASTENERS (INCLUDING NAILS, SCREWS, BOLTS, AND THREADED RODS) IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED (NORTEX RECOMMENDS G185 GALVANIZING). ALL SIMPSON CONNECTORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL HAVE THE Z-MAX FINISH.
- BRICK ON WOOD SUPPORT BEAMS ARE SIZED TO MEET L/600 DEFLECTION CRITERIA.
- ALL BRICK SUPPORT BEAMS SHALL BE #2 S.Y.P. or EQUAL.

# BRICK ON WOOD DETAILS

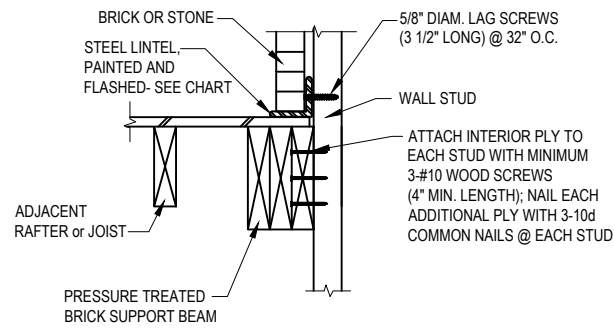
SPAN	BRICK ON WOOD - PARALLEL FRAMING SUPPORT				
	BRICK HEIGHT ABOVE BEAM				
≤ 4'-0"	(3)2x6's	4'-0"	(3)2x6's	6'-0"	(3)2x6's
4'-0" < SPAN ≤ 6'-0"	(3)2x6's	(3)2x6's	(3)2x8's	(3)2x8's	(3)2x8's
6'-1" < SPAN ≤ 8'-0"	(3)2x8's	(3)2x8's	(3)2x10's	(3)2x10's	(3)2x10's
8'-1" < SPAN ≤ 10'-0"	(3)2x10's	(3)2x10's	(3)2x12's	(3)2x12's	(3)2x12's
10'-1" < SPAN ≤ 12'-0"	(3)2x12's	(3)2x12's	*	*	*

\* = ENGINEERED BEAM REQUIRED



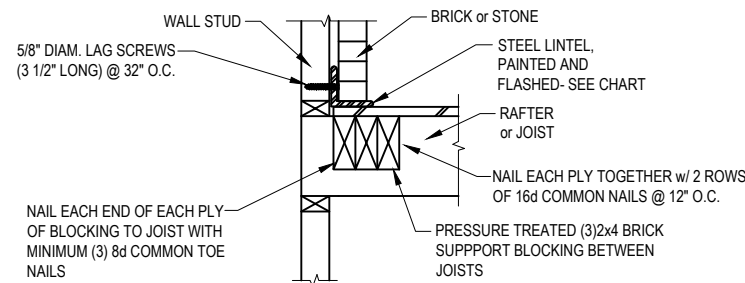
TYPICAL DETAIL - BRICK ON WOOD BRICK VENEER PARALLEL TO FRAMING

SCALE: N.T.S



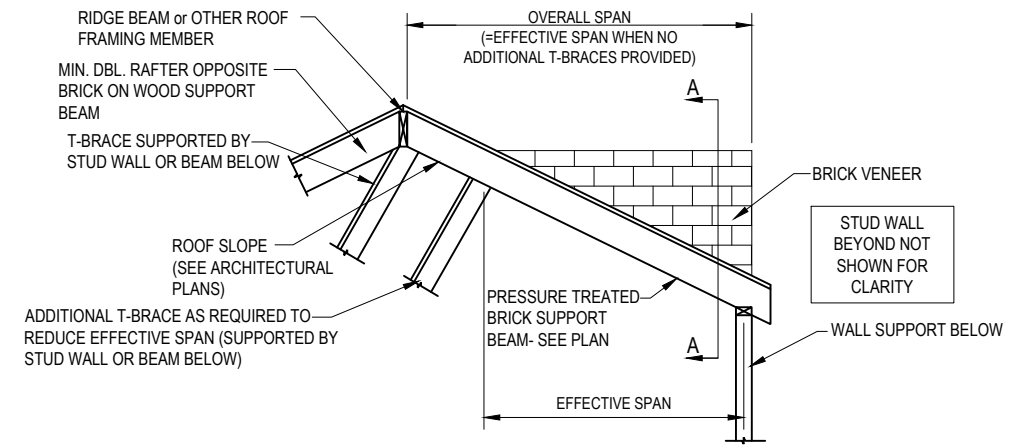
SECTION A-A

SCALE: N.T.S



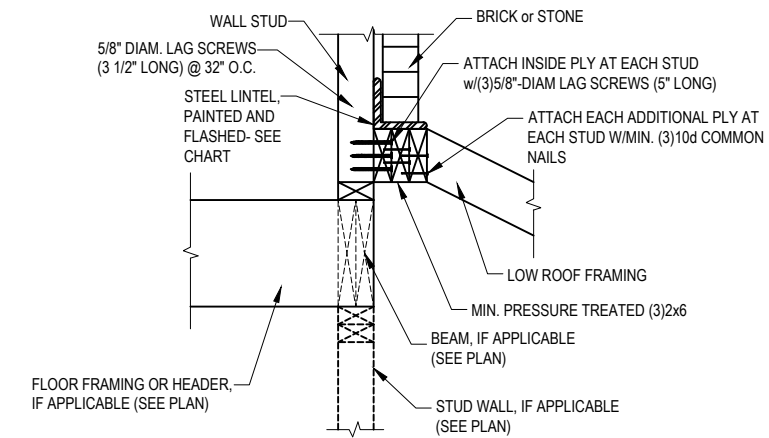
TYPICAL DETAIL - BRICK ON WOOD BRICK VENEER PERPENDICULAR TO FRAMING

SCALE: N.T.S



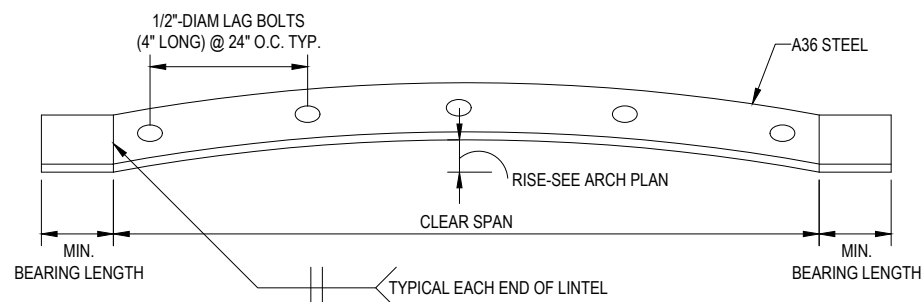
TYPICAL DETAIL - BRICK ON WOOD RAFTER SUPPORT AT ROOF

SCALE: N.T.S



TYPICAL BRICK ON WOOD SUPPORT @ LOW ROOF

SCALE: N.T.S



ARCH CLEAR SPAN	MINIMUM LINTEL SIZE	MINIMUM BEARING LENGTH
SPANS ≤ 6'-0"	L3 1/2 x 3 1/2 x 1/4	4 INCHES
6'-0" < SPAN ≤ 12'-0"	L6 x 4 x 1/2	4 INCHES

TYPICAL BRICK ARCH LINTEL

ARCH CLEAR SPAN LESS THAN 6'-0":

- STEEL LINTELS ARE OPTIONAL.

FOR SELF-SUPPORTING MASONRY:

- USE TYPE N MORTAR CEMENT. PROPER SHORING AND AMPLE MORTAR SET TIME ARE IMPERATIVE.
- EXPANSION JOINTS SHALL NOT OCCUR OVER THE ARCH OR WITHIN 5' OF EITHER SIDE OF THE ARCH OPENING.
- ATTACH 7/16" OSB TO THE WOOD FRAME BACKING BEHIND THE ARCH AND CONTINUE A MINIMUM OF 3' ON EITHER SIDE OF THE ARCH OPENING. USE 8d COMMON NAILS @ 6" O.C. @ PANEL EDGES AND @ 12" O.C. IN THE FIELD.

ARCH CLEAR SPAN OF 6'-0" OR MORE:

- STEEL LINTELS ARE REQUIRED. SEE DETAIL BELOW.
- ATTACH LAG BOLTS TO SOLID WOOD HEADER OR BLOCKING
- LINTEL SHALL BE PAINTED AND FLASHED (NORTEX RECOMMENDS 40-MIL. RUBBERIZED ASPHALT FLASHING)

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5606 LEA CREST LANE  
FORT WORTH, TX 76135  
LOT: 1RB BLOCK: 4



CLIENT:	RODDY	HB/MS	HB	10/26/2022	00
DRAWN BY:					
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ISSUED DATE:					
REVISION #					

# ALLOWABLE SHEAR WALL OSB OR PLYWOOD PANEL SUBSTITUTIONS

SHEATHING			FASTENERS		
BRAND	PRODUCT	LABEL	TYPE	PANEL EDGE	IN FIELD
ENERGY BRACE	0.106" STRUCTURAL BRACE	RED	7/16" CROWN x 1-1/4" LEG, No. 16 GAUGE GALVANIZED STEEL STAPLES or No. 11 GAUGE, 1-1/4" GALVANIZED STEEL ROOFING NAILS	3" O.C.	6" O.C.
THERMO-PLY	0.113" STRUCTURAL GRADE (STORM BRACE) SHEATHING	RED	SAME AS ABOVE	3" O.C.	6" O.C.
STAR R STRUC	0.625"	RED	SAME AS ABOVE	3" O.C.	6" O.C.
THERMO-PLY	0.137" SUPER STRENGTH SHEATHING	BLUE	SAME AS ABOVE	3" O.C.	6" O.C.
FIBER BRACE	0.500" STRUCTURAL	N / A	7/16" CROWN x 1-1/2" LEG, No. 16 GAUGE GALVANIZED STEEL STAPLES or No. 11 GAUGE, 1-1/2" GALVANIZED STEEL ROOFING NAILS	3" O.C.	6" O.C.

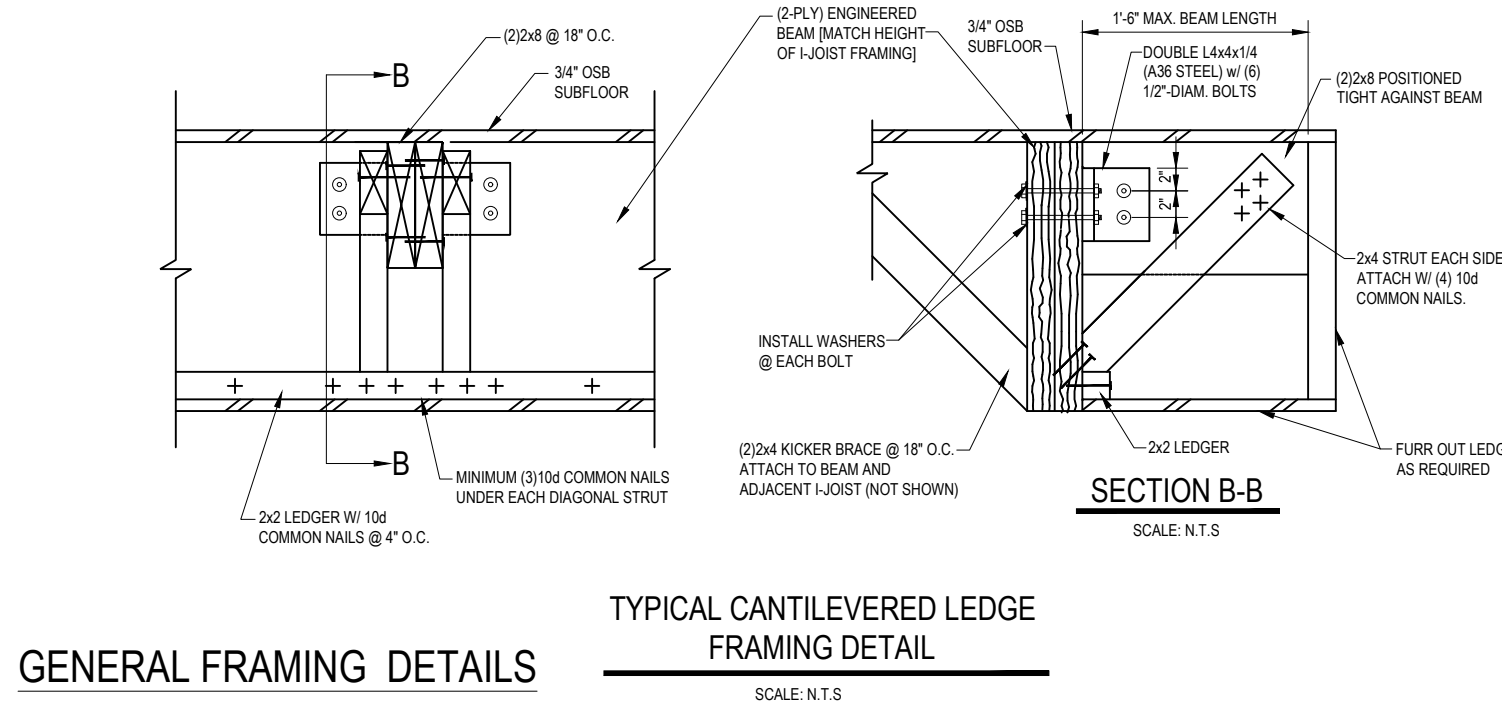
SHEATHING			TOP PLATE HEIGHT ABOVE FLOOR	MINIMUM LENGTH OF PANEL
BRAND	PRODUCT	LABEL		
ENERGY BRACE	0.106" STRUCTURAL BRACE	RED	H ≤ 10'	7'-6"
			10' < H ≤ 12'	9'-0"
			12' < H ≤ 14'	9'-0"
THERMO-PLY	0.113" STRUCTURAL GRADE (STORM BRACE) SHEATHING	RED	H ≤ 10'	7'-6"
			10' < H ≤ 12'	9'-0"
			12' < H ≤ 14'	9'-0"
STAR R STRUC	0.625"	RED	H ≤ 10'	7'-6"
			10' < H ≤ 12'	9'-0"
			12' < H ≤ 14'	9'-0"
THERMO-PLY	0.137" SUPER STRENGTH SHEATHING	BLUE	H ≤ 10'	7'-6"
			10' < H ≤ 12'	9'-0"
			12' < H ≤ 14'	9'-0"
FIBER BRACE	0.500" STRUCTURAL	N / A	H ≤ 10'	7'-6"
			10' < H ≤ 12'	9'-0"
			12' < H ≤ 14'	9'-0"
DENS GLASS	0.500" STRUCTURAL MOLD RESTART	SILVER	H ≤ 10'	5'-0"
			10' < H ≤ 12'	6'-0"
			12' < H ≤ 14'	7'-0"

- NOTES:
- VERIFY THAT ENOUGH WALL SPACE IS AVAILABLE FOR OSB PANEL SUBSTITUTIONS
  - THE HEIGHT-TO-LENGTH RATIO OF THESE PANELS SHALL NEVER EXCEED 2 TO 1
  - STUD SPACING SHALL NOT EXCEED 16" O.C.
  - PANEL EDGES MAY BE BUTTED OR LAPPED 3/4" MINIMUM.
  - ALL VERTICAL PANEL EDGES SHALL OCCUR OVER STUDS.
  - ALL HORIZONTAL PANEL EDGES SHALL BE BLOCKED WITH 2x LUMBER

MEMBER SIZE	FACE MOUNT	TOP FLANGE
2x6	LUS26	JB26
(2)2x6	LUS26-2	HUS26-2TF
(3)2x6	HU26-3	N / A
2x8	LUS28	JB28
(2)2x8	HUS28-2	HUS28-2TF
(3)2x8	HU28-3	N / A
2x10	LUS28	JB210
(2)2x10	LUS210-2	HUS210-2TF
(3)2x10	HU210-3	HU210-3TF
2x12	LUS210	JB212
(2)2x12	LUS210-2	HUS212-2TF
(3)2x12	HU212-3	HU212-3TF

NOTES:

- SCHEDULE BASED ON NO POINT LOADS APPLIED TO BEAMS OR JOISTS.
- SPECIALITY BEAM (LVL's, LSL's, PSL's, etc.) HANGERS WILL BE CALLED OUT ON THE PLAN.
- REFER TO SIMPSON CATALOG FOR INSTALLATION GUIDELINES.
- HANGER SCHEDULE BASED ON THE USE OF S.Y.P. LUMBER.



HEADER LOCATION	SIZE	SPAN	# OF JACK STUDS
INTERIOR & EXTERIOR WITH ROOF AND CEILING	(2)2x6's	4'-2"	1
	(2)2x8's	5'-4"	2
	(2)2x10's	6'-6"	2
	(2)2x12's	7'-6"	2
EXTERIOR WITH (1) FLOOR ABOVE	(2)2x6's	3'-7"	2
	(2)2x8's	4'-6"	2
	(2)2x10's	5'-6"	2
	(2)2x12's	6'-5"	2
INTERIOR WITH (1) FLOOR ABOVE	(2)2x6's	3'-6"	1
	(2)2x8's	4'-5"	2
	(2)2x10's	5'-5"	2
	(2)2x12's	6'-3"	2
EXTERIOR WITH (1) CLEAR SPAN FLOOR ABOVE	(2)2x6's	3'-0"	2
	(2)2x8's	3'-10"	2
	(2)2x10's	4'-8"	2
	(2)2x12's	5'-5"	3

NOTE:

- ANY HEADER SPANS AND SIZES NOT COVERED ABOVE TO BE NOTED ON PLAN
- SIZES AND SPANS BASED ON #2 S.Y.P. (IF OTHER, SEE PLAN)
- FASTEN PLYS TOGETHER WITH 16d COMMON NAILS @ 16" O.C. ALONG EACH EDGE
- ANY HEADERS FALLING UNDER A FLOOR SYSTEM NOT DESIGNED BY NORTEX, SHALL BE DESIGNED AND SIZED BY FLOOR SYSTEM MANUFACTURER



LINTEL SIZE	BRICK = 40 LBS. / FT. SQUARED																
	CLEAR SPAN (FEET)																
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
3 1/2 x 3 1/2 x 1/4	32	18	10	5	3	2	1										
4 x 3 1/2 x 1/4		23	15	8	5	3	2	1									
5 x 3 1/2 x 3/8				23	14	9	6	5	3	2	2	1					
6 x 4 x 3/8					24	16	11	8	6	5	3	3	2	2	1		
7 x 4 x 1/2							23	17	12	9	7	6	5	4	3		
8 x 4 x 1/2								24	18	14	11	9	7	6	5		

LINTEL SIZE	STONE = 60 LBS. / FT. SQUARED																
	CLEAR SPAN (FEET)																
	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
3 1/2 x 3 1/2 x 1/4	21	12	6	3	2	1											
4 x 3 1/2 x 1/4		15	10	5	3	2	1										
5 x 3 1/2 x 3/8			22	15	9	6	4	3	2	1							
6 x 4 x 3/8				22	16	11	7	5	4	3	2	2	1				
7 x 4 x 1/2						22	15	11	8	6	5	4	3	2	2		
8 x 4 x 1/2							22	16	12	9	7	6	4	4	3		

NOTES:

- STEEL ANGLE SIZES ARE BASED ON L/600 DEFLECTION CRITERIA
- REFER TO PLAN FOR AREAS WITH HIGHER CLEAR SPAN THAN 17'
- CHART NOT APPLICABLE FOR GARAGE AREAS (SEE PLAN)
- GABLE AREAS NOT INCLUDED (SEE PLAN)

PERMIT SET

PROJECT # 22-134-01

RODDY RESIDENCE  
5606 LEA CREST LANE  
FORT WORTH, TX 76135  
LOT: 1RB BLOCK: 4

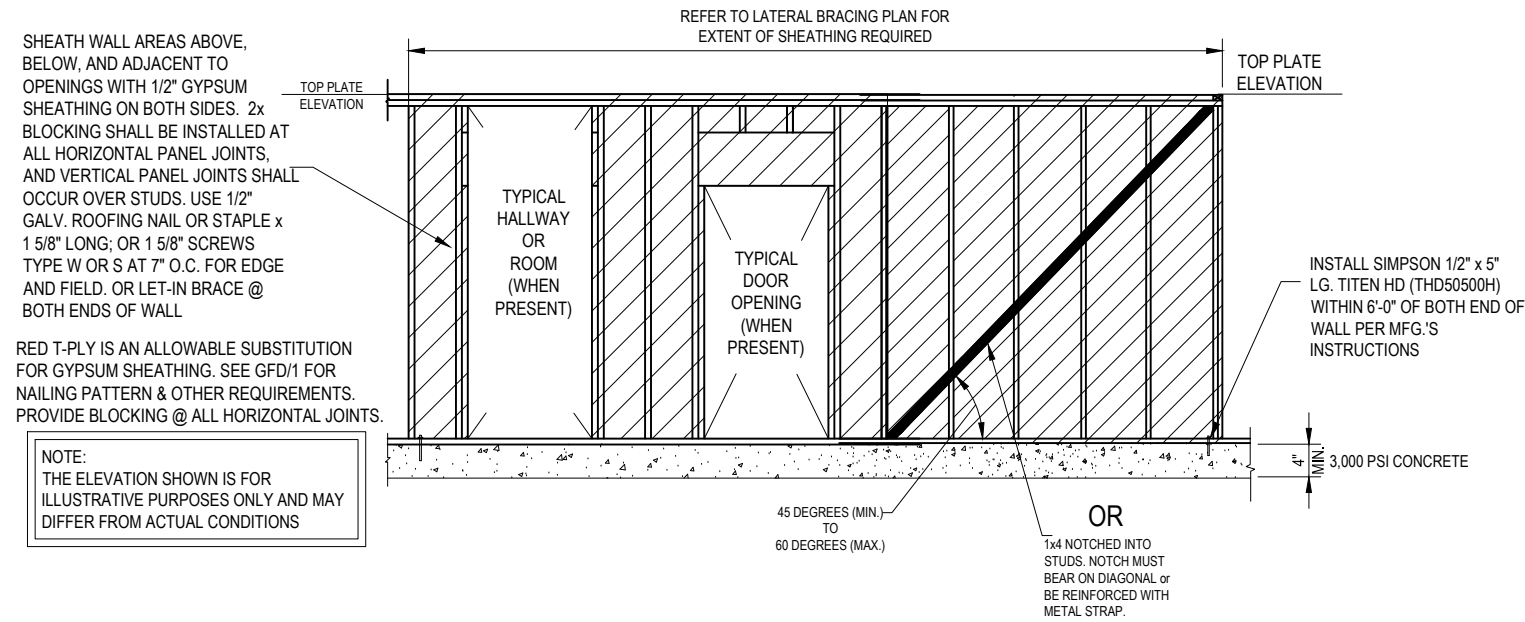
STATE OF TEXAS  
IGOR I. TEPLITSKIY  
94973  
PROFESSIONAL ENGINEER

10.20.22

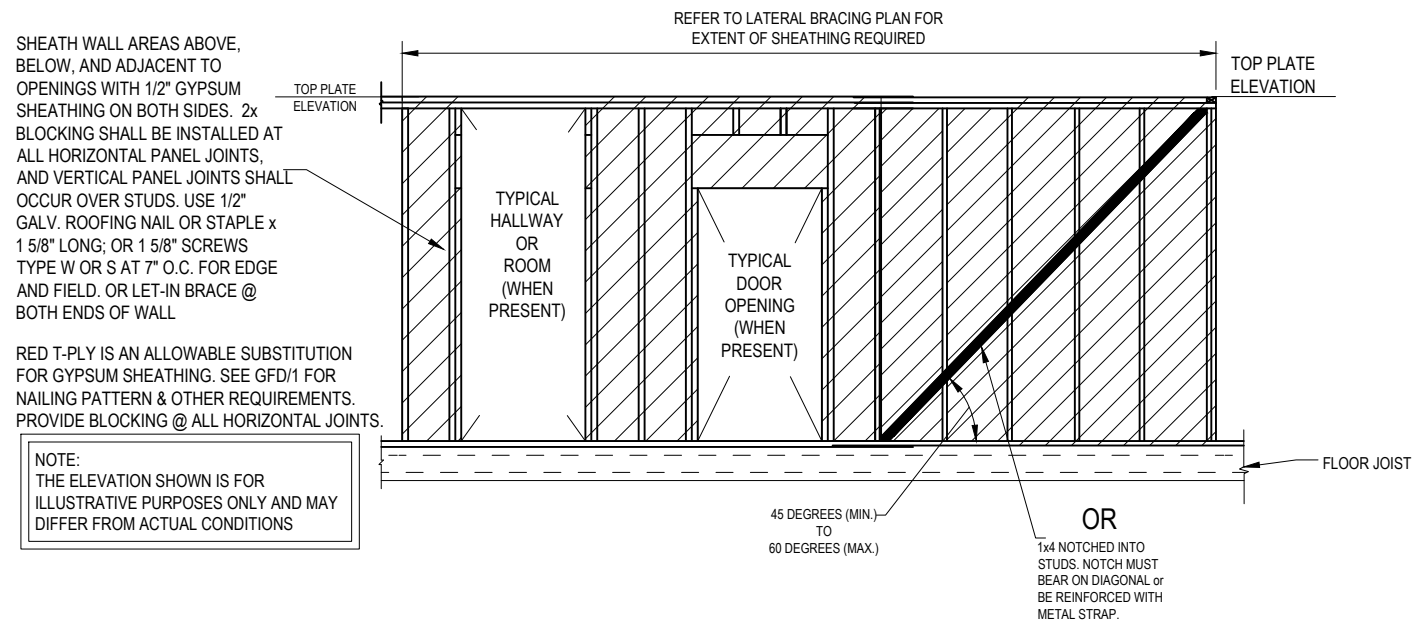
CLIENT:	RODDY
DRAWN BY:	HB/MS
CHECKED BY:	HB
ISSUED DATE:	10/26/2022
REVISION #	00

SHEET #  
**F10.0**

CD REVIEW SET\_10/26/2022



**DETAIL II**  
**FIRST FLOOR INTERIOR SHEATHING**  
**DETAIL**  
 SCALE: N.T.S



**DETAIL IU**  
**SECOND FLOOR INTERIOR SHEATHING**  
**DETAIL**  
 SCALE: N.T.S

**NOTE:**  
 USE A METALLISCANNER TO LOCATE EXISTING CABLES

**INTERIOR BRACING DETAILS**

CD REVIEW SET\_10/26/2022

**RODDY RESIDENCE**  
**5606 LEA CREST LANE**  
**FORT WORTH, TX 76135**  
**LOT: 1RB BLOCK: 4**



CLIENT:	RODDY
DRAWN BY:	HB/MS
CHECKED BY:	HB
ISSUED DATE:	10/26/2022
REVISION #	00

SHEET #

**F11.0**

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