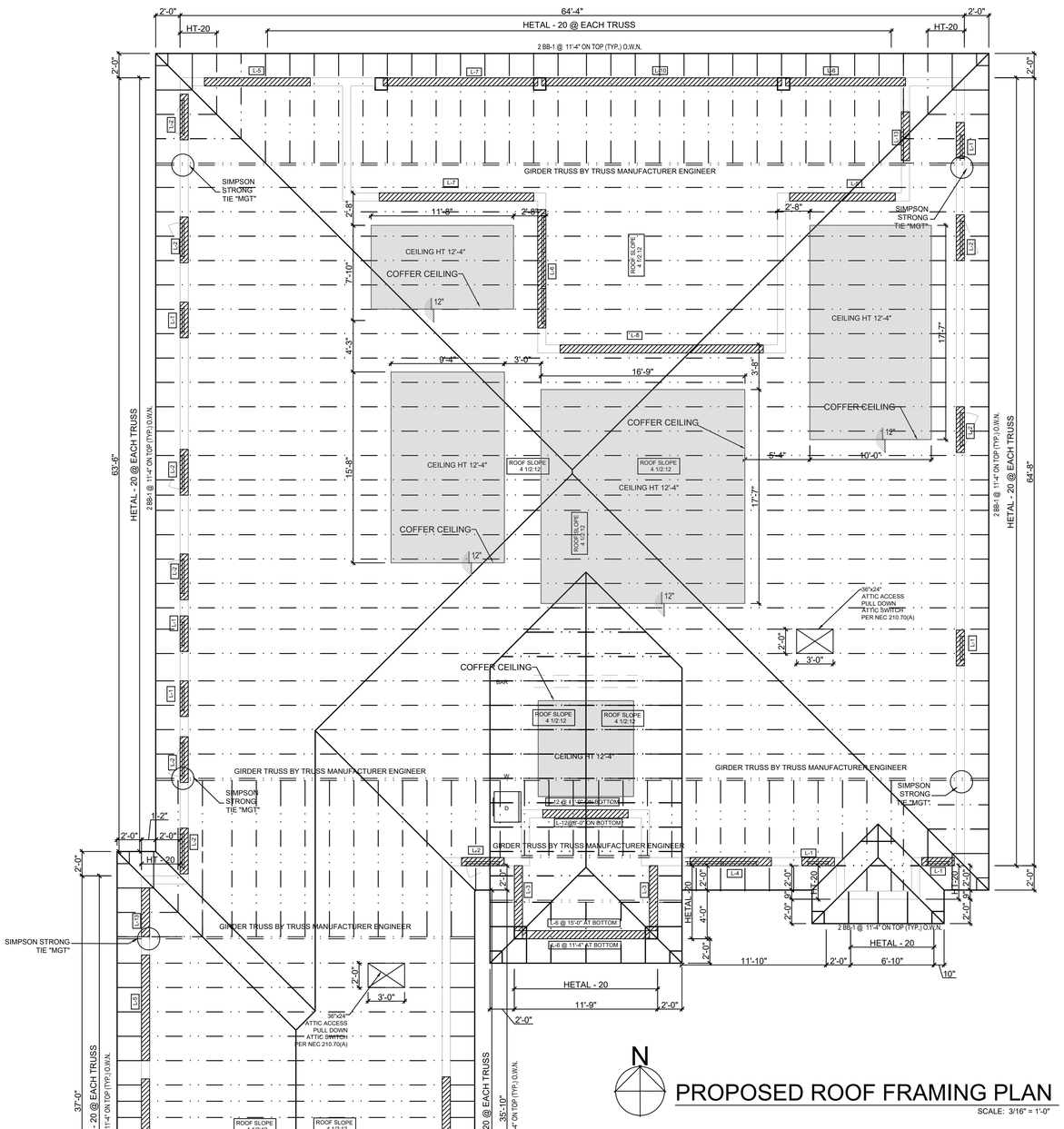

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PROPOSED ROOF FRAMING PLAN

SCALE: 3/16" = 1'-0"

SIMPSON & USP STRONG TIE CONNECTOR SPECIFICATION SCHEDULE

MARK	MODEL No	H	FASTENER AND UPLIFT						LATERAL LOADS			
			1PLY TRUSS			2 or 3 PLY So. PINE TRUSS			(133) & (160)			
			FASTENERS		UPLIFT	FASTENERS		UPLIFT	DOUG-FIRCH-LARCH		SPRUC-PINE-FIR	
			TO HEADER	TO JOIST	(160)	TO HEADER	TO JOIST	(160)	F1	F2	F1	F2
A	H14	7 3/8	15-8d	12-8dx1-1/2"	1350	-	-	-	515	265	480	245
B	HTSM16	16	4-1/4x1 3/4 TITEN	8-10d	1175	-	-	-	-	-	-	-
C	HETAL20	15	5-10dX1½"	10-10dx1½"	1810	3-16d	10-10d	1810	415	1100	415	1100
D	H8	8	5-10dx1½"	5-10dx1½"	745	-	-	-	75	-	75	-
E	MTS20	20	14-10dx1 1/2"		990	-	-	-	-	-	-	-
F	LUS210	7 13/16	8-10d	4-10d	1165	-	-	-	-	-	-	-
G	HUS26	5 3/8	14-16d x 3 1/2"	6-16d x 3 1/2"	1320	-	-	-	-	-	-	-
H	MGT	14 11/16	-	-	-	5/8"Ø "J" BOLT 6" MIN. EMB.	(22)-10d	3965	-	-	-	-
I	HUS26-2	5 3/16	4-16d x 3 1/2"	4-16d x 3 1/2"	1165	-	-	-	-	-	-	-

T.B.- THRU-BOLT
U.N.O.- UNLESS NOTED OTHERWISE

BEAM SCHEDULE

MARK	SIZES INCHES		BOTTOM BARS	TOP BARS	REMARKS	TOP OF BEAM ELEV. A.F.F.
	b	d				
2BB-1	8"	8"		1 #5	BOND BEAM	11'-4"
L	8"	8"	1 #5	1 #5	CAST-CRETE LINTEL SCHEDULE	SEE PLAN

REFER TO TRUSS ENGINEERING PLANS FOR EXACT TRUSS LOCATIONS. ALL GIRDER TRUSSES SHALL HAVE A MINIMUM 1 #5 FILLED CELL DIRECTLY BENEATH THE GIRDER TRUSS. SHOULD THERE BE A DISCREPANCY BETWEEN THE TRUSS ENGINEERING DRAWING AND ARCHITECTURAL DRAWINGS, THE TRUSS ENGINEERING DRAWINGS GOVERNS AND IT SHOULD BE IMMEDIATELY NOTIFY TO THE ARCHITECT. IT IS YOUR RESPONSIBILITY TO NOTIFY THE ARCHITECT IN WRITING AND IN IN GRAPHIC FORM OF ANY CHANGES AND MODIFICATIONS FROM THE ARCHITECTURAL LAYOUT. FAILURE TO DO SO SHALL VOID THE TRUSS ENGINEERING PACKAGE. TRUSS MANUFACTURER SHALL ALSO LABEL ALL LOADS AND UPLIFTS ON PRELIMINARY TRUSS DRAWINGS SENT TO OUR OFFICE.

TRUSS BRACING NOTES:

1. CROSS BRACING SHOULD BE LOCATED AT NO MORE THAN 6'-0"o.c. REPEATED AT EACH END OF BUILDING AND AT 20'-0" INTERVALS.

2. BOTTOM CHORD LATERAL BRACING SHOULD BE LOCATED AT NO MORE THAN 6'-0"o.c. BOTTOM CHORD LATERALBRACING SHOULD BE CLOSE TO THE BOTTOM CHORD PANEL POINTS WHEREVER REQUIRED BRACE SPACING PERMITS.

3. CONTINUOUS BOTTOM CHORD, LATERAL BRACING SHOULD BE CONTINUOUS FROM ONE END OF THE BUILDING TO THE OTHER AND SHOULD OVERLAP AT LEAST ONE TRUSS SPACE FOR CONTINUITY. USE MIN. 2"X4" GRADE MARKED LUMBER, NAILED WITH A MIN. TWO 16d NAILS IN ACCORDANCE WITH NDS CRITERIA AT EACH CONNECTION INCLUDING INTERMEDIATE TRUSSES.

4. ALL STRUCTURAL LUMBER TO BE SOUTHERN PINE NO. 2 OR BETTER. BENDING STRESS, Fb=1,200 psi (MINIMUM)

LATERAL LOAD NOTES:

TRUSSES TO WOOD BEARING W/ 3-16D TOE NAILS AND STRAP MAX. LATERAL FORCE L1 + L2 EACH TRUSS 295 # 1ST. STRAP DERATED 295 # MAX. UPLIFT EACH STRAP 1000 # THIS ALLOWS FOR LATERAL FORCES.

UPLIFT	L1	L2
1810#	415#	1100#

CAST-CRETE U LINTEL SCHEDULE

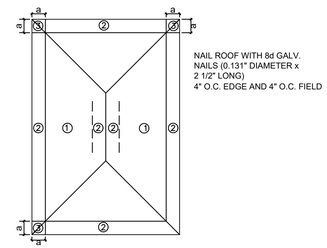
PRECAST & PRESTRESSES

LINTEL NO.	SIZE	TYPE	ALLOWED GRAVITY	APPLIED GRAVITY	ALLOWED UPLIFT	APPLIED UPLIFT	NOTE
L-1	3'-6"	8F32-1B/1T	6113		3524		
L-2	4'-6"	8F32-1B/1T	6113		2707		
L-3	6'-6"	8F32-1B/1T	3480		1868		
L-4	7'-6"	8F32-1B/1T	1138		1267		
L-5	9'-4"	8F32-1B/1T	1843		1136		
L-6	11'-4"	8F32-1B/1T	1366		800		
L-7	13'-4"	8F32-1B/1T	1075		607		
L-8	17'-4"	8F32-1B/1T	950		405		
L-9	19'-4"	8F32-1B/1T	750		348		
L-10	21'-4"	8F32-1B/1T	598		307		
L-11	10'-6"	8F32-1B/1T	4754		2011		

CAST-CRETE U LINTEL SCHEDULE

8" PRECAST W/2" RECESS DOOR

LINTEL NO.	LENGTH	TYPE	ALLOWED GRAVITY	APPLIED GRAVITY	ALLOWED UPLIFT	APPLIED UPLIFT	NOTE
L-12	6'-8"	8RF30-1B/1T	3120		2499		
L-13	4'-4"	8RF30-1B/1T	5206		3751		



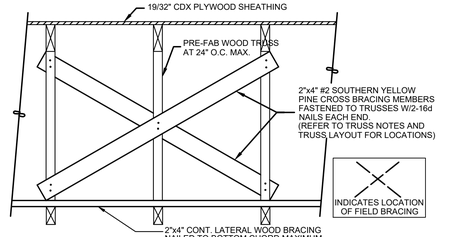
HIP ROOF

NOTE: a= 4 FEET IN ALL CASES

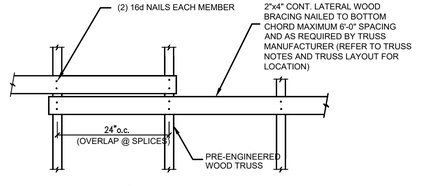
COMPONENT AND CLADDING PRESSURE ZONES

DIAPHRAGM BOUNDARIES

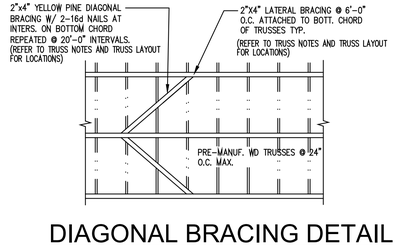
ROOF SHEATHING NAILING SCHEDULE	
ZONE # 1	8d NAILS @ 6" O.C. AT EDGES & 6" O.C. IN FIELD
ZONE # 2	8d NAILS @ 4" O.C. AT EDGES & 6" O.C. IN FIELD
ZONE # 3	8d NAILS @ 4" O.C. AT EDGES & 4" O.C. IN FIELD



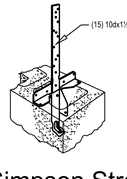
ELEVATION VIEW
TYPICAL X-BRACING DETAIL



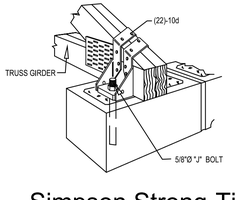
PLAN VIEW
TYPICAL LATERAL BRACE SPLICE



DIAGONAL BRACING DETAIL



Simpson Strong Tie
HETAL20



Simpson Strong-Tie
MGT
N.T.S.

NOTES.

LATERAL AND UPLIFT LOADS HAVE BEEN CONSIDERED IN THE DESIGN. NO LATERAL LOADS AND UPLIFT EXCEED IF ANCHOR CAPACITY > 1000 LB. CAPACITY.

COMPONENT AND CLADDING PRESURE ZONES		
NAIL SIZE	NAIL SPACING	ZONE
8d RING-SHANK FASTENERS	4" @ EDGES, 4" @ INTERMEDIATE SUPPORTS	③
8d RING-SHANK FASTENERS	6" @ EDGES, 12" @ INTERMEDIATE SUPPORTS	① ②

CORNER DISTANCE, A= 4 FEET IN ALL CASES

TYPICAL NOTES:

1. 19/32" CDX PLYWOOD PANELS ATTACHED TO TOP CHORD OF TRUSSES W/8D COMMON NAILS AS PER SCHEDULE.
2. 2"X4" SYP DIAPHRAGM BLOCKING AT ALL RIDGES, VALLEYS AND 4'-0" FROM ALL GABLE ENDS. (BLOCKING MUST BE EDGEWISE SEE PLYWOOD NAILING DETAIL)

Revisions:

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S-2