



OPENING PRESSURES 115 MPH, EXP B

OPENING SQ. FT.	MID ZONE		END ZONE	
	+W	-W	+W	-W
0-19.9999	+14.28	-15.48	+14.28	-19.14
20-49.9999	+13.62	-14.82	+13.62	-17.82
50-99.9999	+12.78	-13.98	+12.78	-16.14
100 & >	+12.12	-13.32	+12.12	-14.82

* DENOTES PRESSURES CALCULATED FOR DOOR PARTIALLY IN END ZONE

**FRAMING NOTES 115 EXP. B
ULTIMATE DESIGN WIND SPEED**

REFER TO GENERAL NOTES FOR GENERAL FRAMING REQUIREMENTS U.N.O. ON DRAWINGS

2X4 SPF#2 AT 16" C/C

**TRUSS CONNECTOR SCHEDULE
(SIMPSON STRONG-TIE)**

MODEL #	MAX UPLIFT / LATERAL (LBS.)
H1	400/415
H2A	495/130
H2.5T	545/135
H4	235/140
H10A*	1015/1015
H16*	1245
HTS20*	1245

GIRDERS 2-PLY OR MORE

MODEL #	MAX UPLIFT / LATERAL (LBS.)
LGT2*	1785
LGT3-SD S2.5	2655
LGT4-SDS3*	2925
HGT-2*	6485
HGT-3*	9035
HGT-4*	9250

- UPLIFT VALUES ARE FOR SINGLE ANCHOR. TWO ANCHORS MAY BE USED TO DOUBLE THE UPLIFT CAPACITY ABOVE. IF THE MEMBER IS A MINIMUM 2-PLY. CONNECTORS NOTED (*) MAY NOT BE DOUBLED.
- UPLIFT VALUES ARE BASED ON SPF WOOD SPECIES.
- GIRDER & TRUSS-GIRDER TRUSS CONNECTIONS ARE TO BE SPECIFIED BY THE TRUSS ENGINEER.
- CONNECTORS LISTED ABOVE WITH LATERAL CAPACITY ARE CAPABLE OF TRANSFERRING ROOF TO WALL DIAPHRAGM LOADS WITH NO BLOCKING REQUIRED.
- ADDITIONAL LATERAL BLOCKING (IF REQUIRED) SHALL BE NOTED ON FRAMING PLANS.
- SEE HEEL TRUSS DETAIL FOR ADDITIONAL SHEATHING & BLOCKING WHEN APPLICABLE.

HEADER SCHEDULE LEGEND

A	HEADER IDENTIFICATION MARK	(HXX)
B	NUMBER OF PLYS REQUIRED	
C	HEADER SIZE	
D	NUMBER OF JACK/TRIMMER STUDS AT EACH END	
E	NUMBER OF KING/FULL LENGTH STUDS AT EACH END	
F	TYPE HEADER STRAP REQUIRED	
G	NUMBER OF JACK STUDS STRAPPED AT EACH END	
H	NUMBER OF FULL LENGTH STUDS STRAPPED AT EA. END	
I	*TYPE STRAP REQUIRED AT BASE OF JACKS AND BOTH TOP AND BOTTOM OF FULL LENGTH STUDS	

* ONLY JACKS THAT ARE REQUIRED TO BE STRAPPED AT TOP NEED TO BE STRAPPED AT BOTTOM

** HEADER MUST BE DOUGLAS FIR-LARCH #2 OR BETTER

NAIL JACK STUDS AND FULL STRENGTH STUDS TOGETHER WITH 10d's STAGGERED AT 12" O.C. EACH PLY.

ALL HEADER SHALL BE NAILED TO JACK STUDS W/2 12d TOE NAILS AND (3) 16d TOE NAILS TO KING STUDS

MAX. GIRDER TRUSS REACTIONS (LBS.)

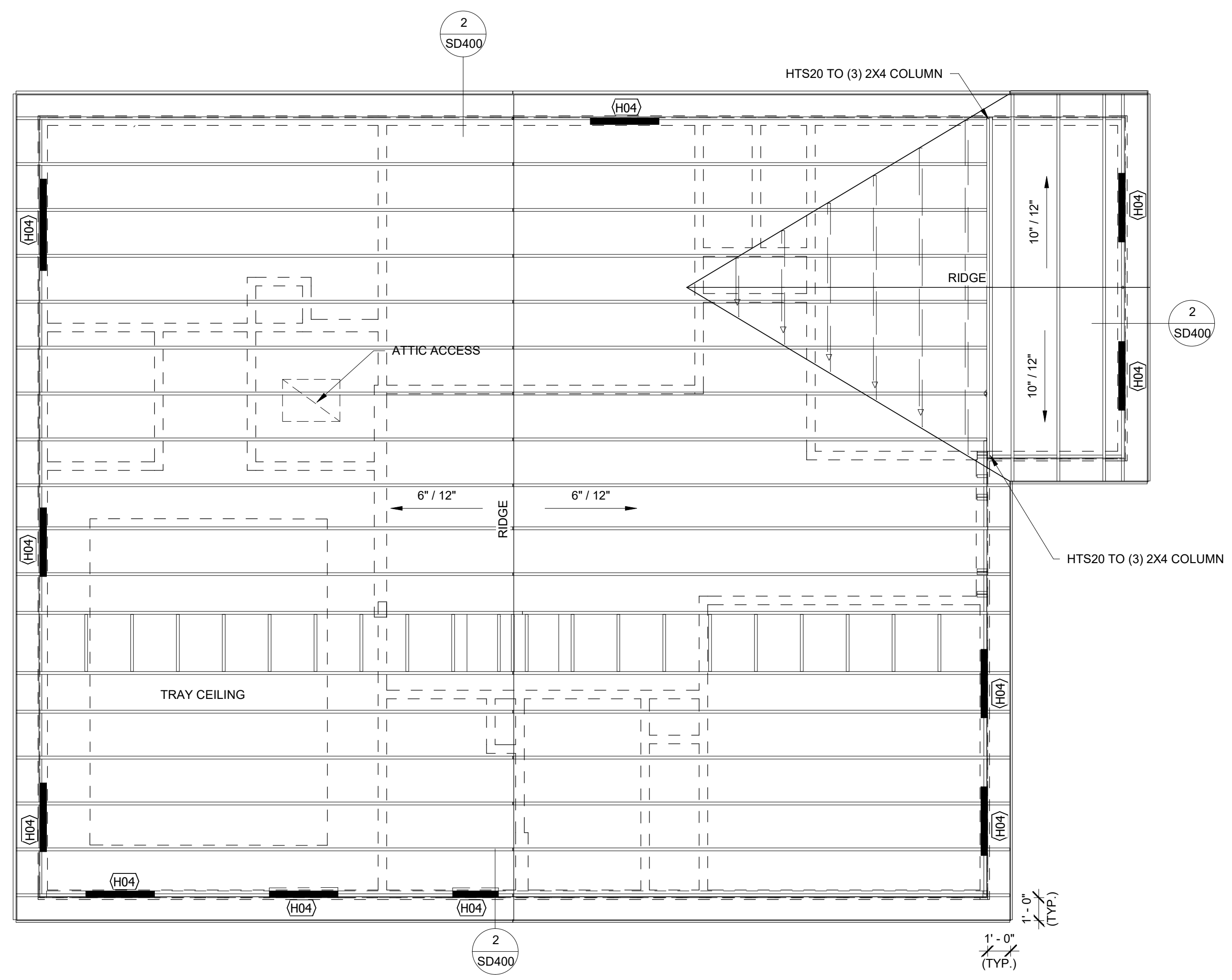
# OF PLYS	TRUSS DIRECTLY TO SPF#2 TOP PLATE	
	2X4 WALL	2X6 WALL
2	4500	6700
3	6700	10000
4	9000	13400

# OF PLYS	TRUSS WITH (2) SIMPSON TBE 4 OR TBE6 TO SPF#2 TOP PLATE	
	6565	9575
2	6565	9575
3	8795	13080
4	11025	16585

GIRDER TRUSS PLYS SHOWN MAY VARY. PLEASE REFER TO TRUSS MANUFACTURER'S DWGS FOR ACTUAL NUMBER OF PLYS REQUIRED.

HEADER SCHEDULE

'A'	'B'	'C'	'D'	'E'	'F'	'G'
MARK	# PLYS	HDR. SIZE	# JACK STUDS EA. END	# FULL LENGTH STUDS EA. END	# HDR. STRAP EA. END	# HDR. STRAP EA. END
H04	2	2x6	1	1	--	--
H07	2	2x8	1	1	--	--
H21	2	2x10	2	1	--	--
H30	2	2x12	2	1	LSTA12	2
H36	2	1-3/4"x11-7/8" LVL	2	1	LSTA24	2
H35	2	1-3/4"x9-1/4" LVL	2	1	LSTA12	2
H37	2	1-3/4"x14" LVL	2	1	LSTA12	2
H38	2	1-3/4"x18" LVL	2	1	LSTA12	2



- 1 ROOF FRAMING PLAN**
1/4" = 1'-0"
- ROOF FRAMING NOTES:**
- ALL ROOF FRAMING TO BE PRE-ENGINEERED PRE-FAB. WOOD ROOF TRUSSES * @ 24" C/C U.N.O
 - G.T. INDICATES ROOF GIRDER TRUSS
 - PROVIDE 7/16" APA RATED PLYWD./O.S.B. ROOF SHEATHING W/ METAL CLIPS @ 24" C/C. (SIMPSON PSCL OR EQ.)
 - SEE ARCH. DWGS. FOR ALL DIMENSIONS.
 - TRUSS MFR. TO DESIGN GABLE END TRUSSES FOR WIND SPEED OF 90 MPH.
 - PROVIDE HURRICANE ANCHORS (HOLD DOWN CLIPS) CAPABLE TO RESIST UPLIFT LOADS SHOWN ON THE ROOF TRUSS SHOP DRAWINGS. WHERE RAFTER FRAMING IS USED PROVIDE SIMPSON H-3 HURRICANE ANCHORS OR EQUAL AT EACH BEARING POINT.
 - TRUSS MFR. TO VERIFY ROOF TRUSS SPANS, HEEL HEIGHTS, PITCHES, OVERHUNG AND COFFERED CEILING LOCATION WITH ARCHITECTURAL DWGS.
 - FRAME OVERBUILD ROOF W/ PREFABRICATED VALLEY SET ROOF TRUSSES @ 24" C/C U.N.O
 - PROVIDE P-1 POST AT EACH END OF GIRDER TRUSSES & HIP JACKS U.N.O ON PLAN.
 - TRUSS LAYOUT SHOWN IS ONLY FOR GUIDANCE & SHALL NOT BE USED AS SHOP DRAWINGS.
 - PROVIDE BACKUP BRACING FOR BRICK VENEER WITH GABLE WALL/TRUSS. USE GABLE TRUSS WITH 2x4 VERT. WEBS @ 24" C/C OR CONTINUOUS 2x4 LATERAL NAILER @ 24" C/C VERTICAL, NAILED TO ALL MEMBERS OF THE TRUSS W/ MIN. 2-16d NAILS. U.N.O. ON PLAN.
 - BALLOON FRAME ALL GABLE END WALLS TO UNDER SIDE OF CEILING.
 - ALL POST AND MULTIPLE STUD SHALL BE RUN CONTINUOUSLY TO SOLID BEARING ON FOUNDATION WALL OR BEAMS. PROVIDE SOLID BLOCKING AT FLOOR DIAPHRAGM @ COLUMN ABOVE AND BELOW