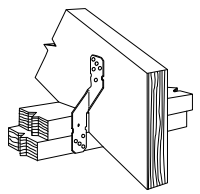
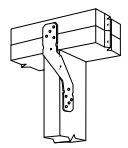
UPLIFT CONNECTIONS- 130MPH WINDS EXP. "B"						
CONNECTION	FRAMING SPACING (in.)	ROOF SPAN (ft.)	U	L	S	NUM. OF 8d COM. NAILS OR 10d BOX NAILS IN EA. END OF 1-1/4"x20 GA. STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" O.C.	17	386	246	109R	4
WALL ASSEMBLY TO WALL ASSEMBLY	16" O.C.	17	386	246	109R	4
WALL ASSEMBLY TO FOUNDATION	16" O.C.	17	170	185	436	4

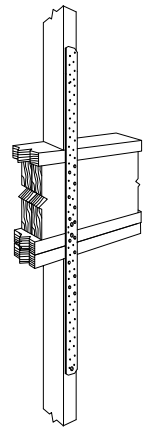
THERMAL COMPONENT CRITERIA (U- FACTOR AND R- VALUE						
MAX. GLAZING U-FACTOR	MINIMUM INSULATION R-VALUE					
	SHGC	CEILINGS	WALLS	FLOORS	BASEMENT WALLS	CRAWL SPACE
.75	.40	R- 30	R- 13	R- 13	R- 5	R- 5



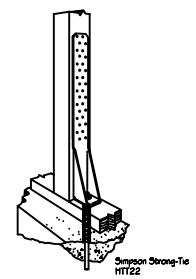
H8 RAFTER TO TOP PLATE



H8 STUD TO TOP PLATE



LSTA 36 FLOOR TO FLOOR CONNECTION



HTT22 HOLDOWNS

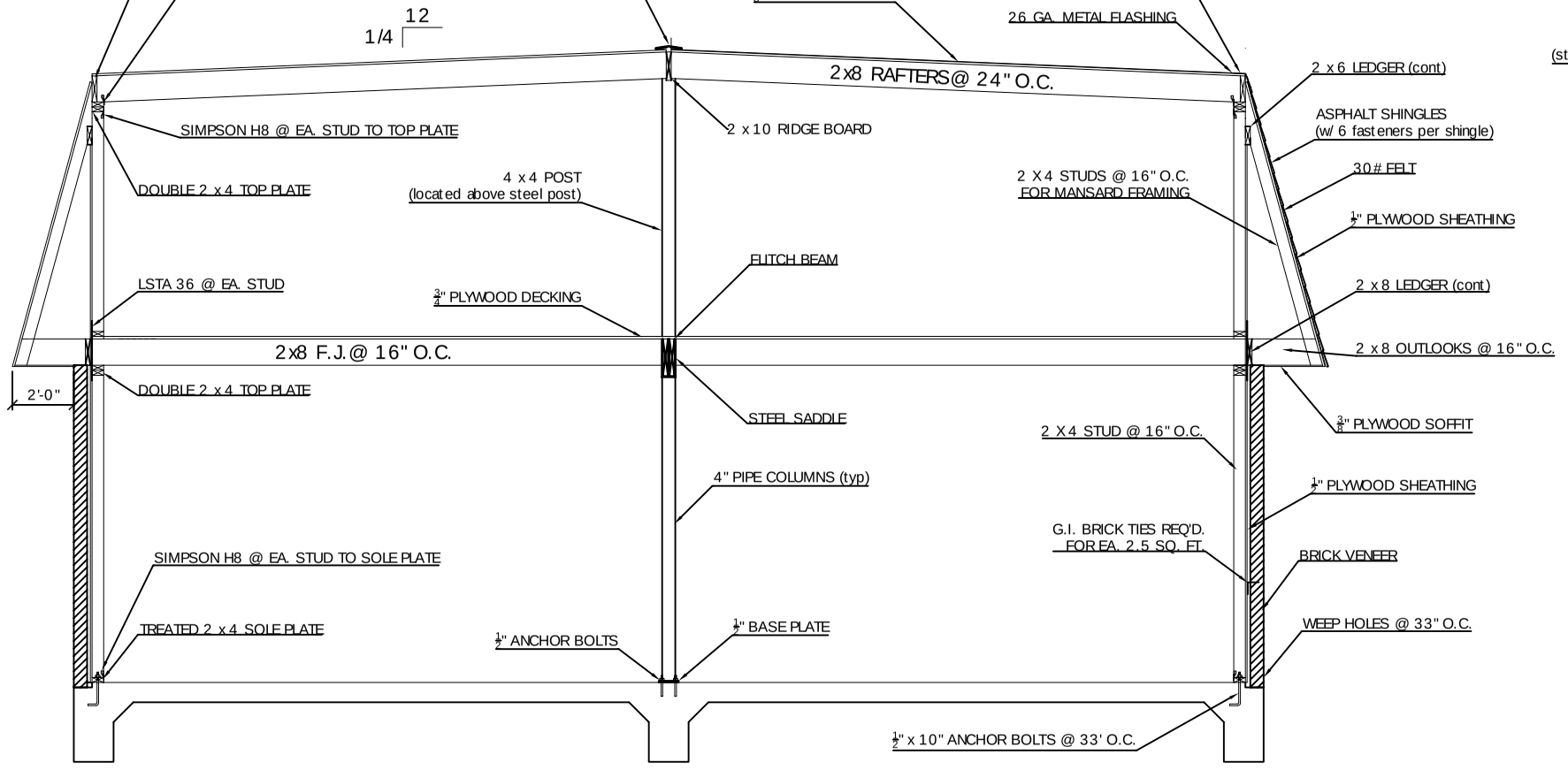
JACK STUD REQ.- EXP. B FOR EXT. LOAD BEARING WALLS					
HEADER SUPPORTING	HEADER SPAN (ft.)	HEADER WIDTH			
		3"	4.5"	5"	6.5"
		NO. JACK STUDS REQ.			
ROOF AND CEILING	2	1	1	1	1
	4	1	1	1	1
	6	2	1	2	2
	8	2	2	2	2
	10	3	2	2	2
	12	3	2	2	2
	14	4	3	2	2
	16	4	3	3	2
ROOF, CEILING, AND 1 CENTER BEARING FLR.	2	1	1	1	1
	4	2	1	1	1
	6	2	2	2	1
	8	3	2	2	3
	10	4	3	2	2
	12	4	3	3	2
	14	5	3	3	3
	16	5	4	3	3

HEADER WIDTH- 3" (2- 2x), 4.5" (3- 2x), 5", 6.5" (4- 2x)
EACH W 1/2" PLYWD. SPACER BETWEEN

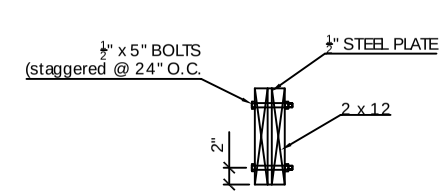
WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS			
FASTENER TYPE	FASTENER SPACING		
	PANEL SPAN < 4 FOOT	4 FOOT PANEL SPAN < 6 FOOT	6 FOOT PANEL SPAN < 8 FOOT
2- 1/2" #6 WOOD SCREWS	16"	12"	9"
2- 1/2" #8 WOOD SCREWS	16"	16"	12"

HEADER SPANS- EXPOSURE B FOR EXTERIOR LOADBEARING WALLS		
HEADER SIZE	SPAN	NO. FULL HGT. STUDS REQ. AT EA. END
(2)2x4'S	4'- 7"	2
(2)2x6'S	5'- 6"	2
(2)2x8'S	6'- 1"	3
(2)2x10'S	6'- 8"	3
(2)2x12'S	7'- 1"	3
(3)2x8'S	7'- 5"	3
(3)2x10'S	8'- 3"	3
(3)2x12'S	8'- 8"	3
(4)2x8'S	8'- 7"	3
(4)2x10'S	9'- 6"	3
(4)2x12'S	10'- 0"	4
130MPH WINDS- EXPOSURE "B"(TYP.) EACH W 1/2" PLYWD.SPACER BETWEEN		

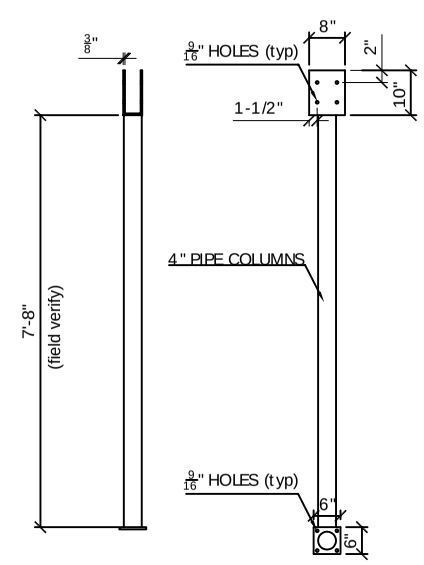
NOTE:
BUILDING WIDTH IS MEASURED PERPENDICULAR TO THE RIDGE. FOR WIDTHS BETWEEN THOSE SHOWN, SPANS ARE PERMITTED TO BE INTERPOLATED.
NOTE: ALL HEADERS SHALL BE SOLID



CROSS SECTION



FLITCH BEAM DETAIL



COLUMN DETAIL

ROOF SHEATH. OR CLAD. REQ. FOR WIND LOAD- EXP. B			
SHEATHING LOCATION	RAFTER/TRUSS SPAC.	E	F
		MAX. NAIL SPAC. FOR 8d COM. NAILS OR 10d BOX NAILS (INCHES, O.C.)	
INTERIOR ZONE	12" O.C.	6	12
	16" O.C.	6	12
	24" O.C.	6	12
PERIMETER EDGE ZONE	12" O.C.	6	12
	16" O.C.	6	6
	24" O.C.	6	6
130 MPH WINDS- EXPOSURE "B" (TYP.)			

WALL SHEATH. OR CLAD. REQ. FOR WIND LOAD- EXP. B			
SHEATHING LOCATION	STUD SPAC.	E	F
		MAX. NAIL SPAC. FOR 8d COM. NAILS OR 10d BOX NAILS (INCHES, O.C.)	
INTERIOR ZONE	12" O.C.	6	12
	16" O.C.	6	12
	24" O.C.	6	12
PERIMETER EDGE ZONE	12" O.C.	6	12
	16" O.C.	6	12
	24" O.C.	6	12
130 MPH WINDS- EXPOSURE "B" (TYP.)			

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CROSS SECTION PLAN

REV:

SCALE: 1/4" = 1'

JOB#: 0000

DATE: 4/28/09

SHEET 5

A-5

OF 5