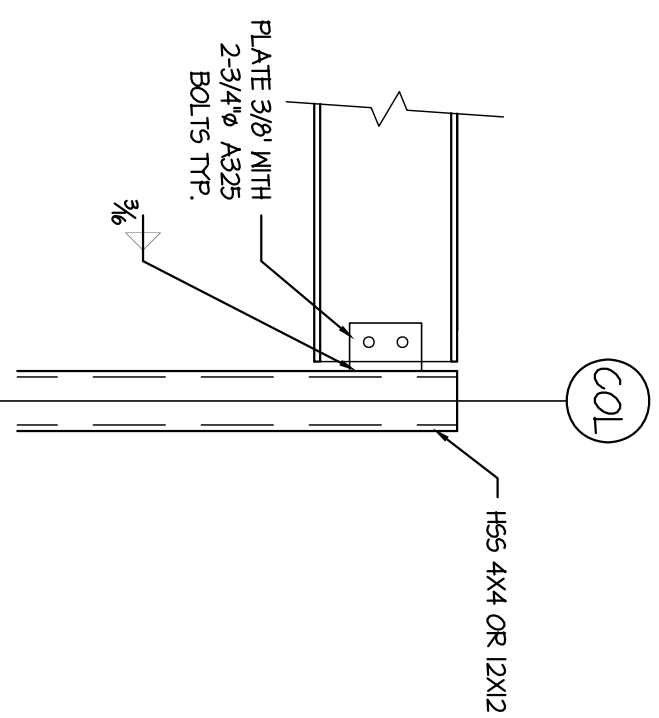
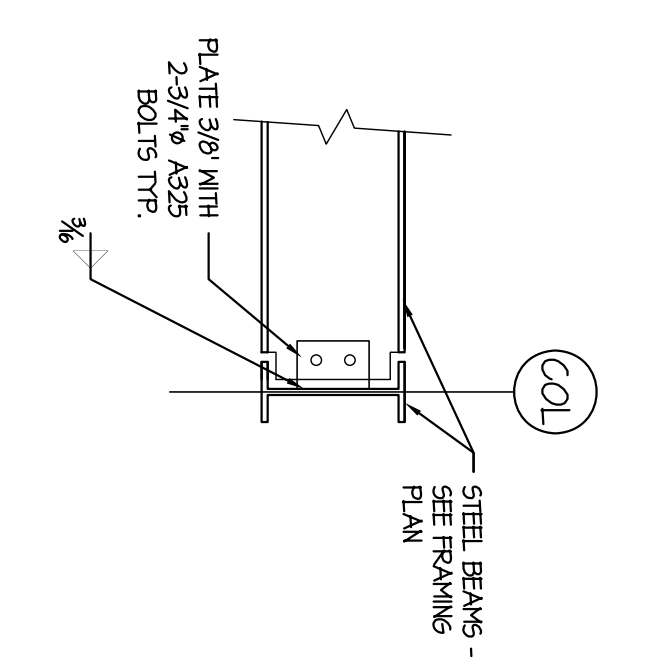


3 BEAM TO COLUMN CONNECTION DETAIL
SCALE: 3/4" = 1'-0"



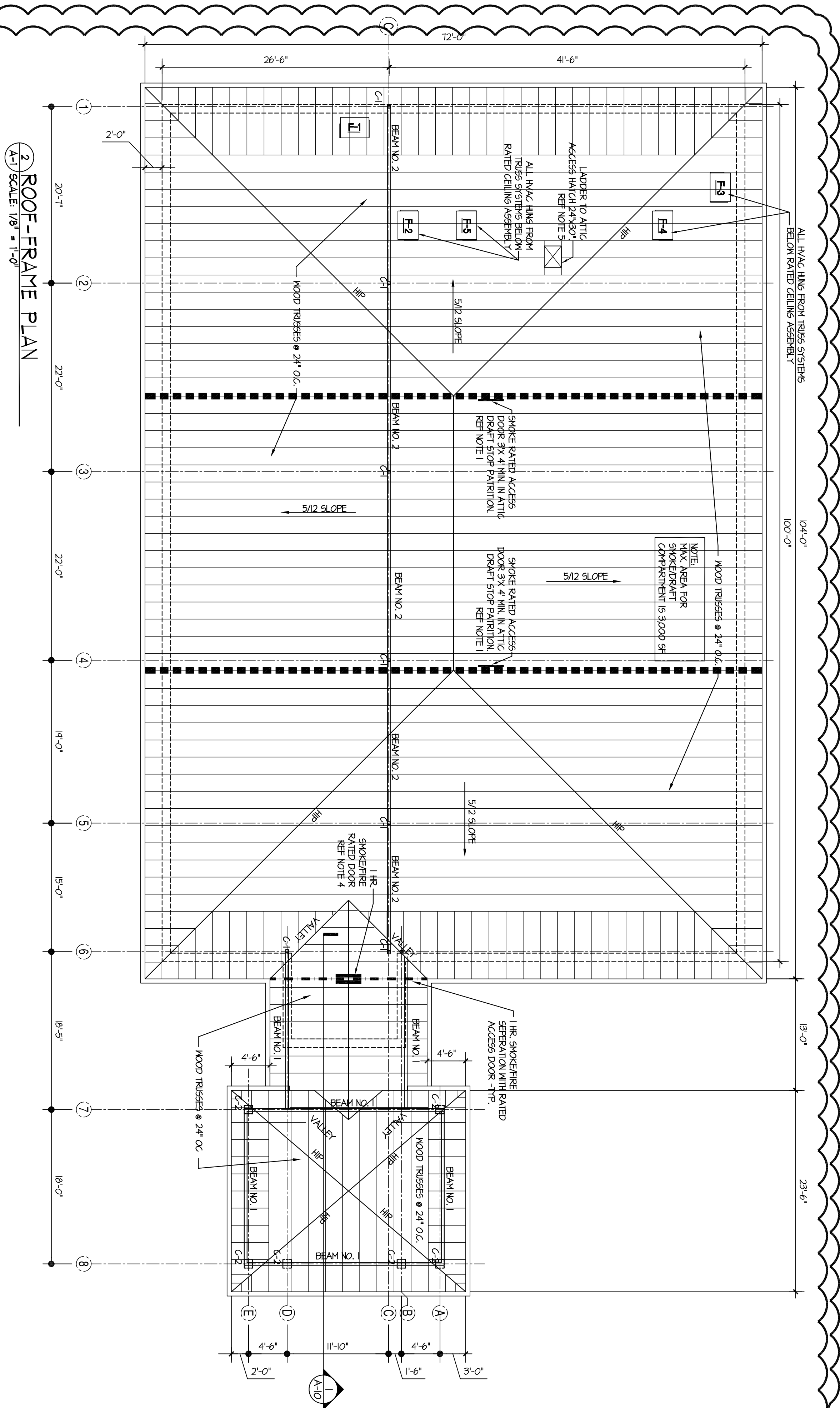
4 BEAM TO BEAM CONNECTION DETAIL
SCALE: 3/4" = 1'-0"



CONNECTION	FASTENER	NUMBER OR SPACING
JOIST TO SILL OR GIRDER TOE WALL BRIDGING TO JOIST TOE WALL EACH END.	3/8 COMMON	3
LEADER STRIP TO JOIST OR GIRDER END AND FACE WALL.	3/8 COMMON	2
SOLE PLATE TO JOIST OR BLOCKING.	1/2 COMMON	2
TOE OR SOLE PLATE TO STUD, END VALUED.	1/2 COMMON	2
DOUBLE TOE PLATE TOE WALL.	1/2 COMMON	2
TOE PLATE TO END CONN. MEMBER TO STUD TOE WALL.	1/2 COMMON	2
CEILING JOISTS, LAP OVER PARTITIONS, FACE WALL.	1/2 COMMON	3
CEILING JOISTS TO PARALLEL RATTERS.	1/2 COMMON	3
RAFTER TO RAKE PLATE TOE WALL.	1/2 COMMON	3
BILL-TUP CORNERS STUDS.	1/2 COMMON	24" O.C.
BILL-TUP GIRDERS AND BEAMS, OF THREE MEMBERS.	1/2 COMMON	24" O.C. TOP & BOTTOM
DOUBLE STUDS, FACE WALL.	1/2 COMMON	16" O.C.
PLYWOOD & OSB ROOF & WALL SHEATHING	8d COMMON	6" O.C. EDGES & 12" O.C. INTERMEDIATE
	10d COMMON ANNULAR	6" O.C. EDGES & 12" O.C. INTERMEDIATE
	10d COMMON ANNULAR	12" O.C. EDGES & 12" O.C. INTERMEDIATE

GENERAL NOTES

- STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE W/ ALABAMA AMENDMENTS AND ASCE 7-05. THE FOLLOWING CRITERIA APPLY:
 - WOOD TRUSSED RATTERS:
 - DESIGN REQUIREMENTS:
 - TOP CHORD LIVE LOAD
 - SNOW LOAD
 - WIND LOAD
 - ROOF LIVE LOAD
 - WIND UPLIFT SOIL BEARING PRESSURE
 - SEISMIC
- DESIGN TO WITHSTAND BC BUILDING CODE EMBL, LIVE AND WIND LOADS.
- COMPLY WITH TPI IET-80
- CONNECTOR PLATED 20 GA UNCOATED THICKNESS MIN STEEL MEETING ASTM A46-83 GRADE A, HOT DIP GALV. PER ASTM A525-96, 99D COATING.
- FABRICATION PER TPI 024-11
- TRUSS / RAFTER SPACING: 24" O.C. MAX. TYPICAL
- PROVIDE TEMPORARY AND PERMANENT BRACING OF TRUSSES.
- REFER TO ANCHORAGE REQUIREMENTS BELLOW.
- WOOD JOISTS, TRUSSED RATTERS, ETC. SIMSON ANCHORAGE.
- FRAMER WALL ANCHORAGE: TWO H-8 METAL TIE DOWNS.
- CENTER BEYAMWALL RM ANCHORAGE: TWO H-1 METAL TIE DOWNS.
- OTHER MSK ANCHORAGE: SELECTION FROM H-3, H-4 & H-5 METAL TIE DOWNS.
- REFER TO MECH DWGS. IN TRUSS FOR MECH EQUIPMENT MOUNTED UNDER TRUSSED RATTERS. COORDINATE MECH. AIDS WITH MSK DESIGN. SIGNIFY TRUSS DRAWINGS TO ARCHITECT.
- NOTE: REDESIGNED ROOF TRUSS W/AVE SHALL ESTABLISH THE WALL TIE DOWN REQUIREMENTS WHERE TRUSSES REST ON THE WALLS.



BEAM SCHEDULE

BEAM NO.	MATERIAL OPTION	MEMBER SIZE	MATERIAL	COLUMN NO.	COLUMN SIZE
BEAM NO. 1		W 12 x 14	STRUCTURAL STEEL	C-1	44Kx4" 120x24" STL TUBE
BEAM NO. 2		W 14 x 22	STRUCTURAL STEEL	C-2	44Kx4" 120x24" STL TUBE

COLUMN SCHEDULE

MARK	SIZE	BASEPLATE
C1	TS4X4X1/4	3/4"X10"X10"
C2	TS12X12X1/4	3/4"X13"X18"

LINTEL SCHEDULE

FOR EACH 4" THICKNESS OF WALL, THE FOLLOWING ITEMS SHALL BE USED

SPANS UP TO 2'-0"	STEEL (for brickwork)
2'-0" TO 5'-0"	H-3 1/2 X 3/8" FLAT PLATE
5'-0" TO 6'-0"	H-3 1/2 X 3/8" 1/2 X 5/16"
6'-0" TO 7'-0"	H-4 X 3 1/2 X 5/16" L.L.V.
7'-0" TO 8'-0"	H-5 X 3 1/2 X 3/8" L.L.V.
8'-0" TO 9'-0"	H-6 X 3 1/2 X 3/8" L.L.V.
9'-0" TO 10'-0"	H-1 X 4 X 3/8" L.L.V.

IMPORTANT
Contractor is to verify all dimensions and conditions before executing any work.

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