

WOOD FRAMING NOTES

- WOOD FRAMING MATERIALS:
  - ROOF SHEATHING SHALL BE 1/2" D-D EXT-APA PLYWOOD WITH A.P.A. INDEX 48-24. PLYWOOD SHALL BE STRUCTURAL OR BETTER WITH VENEERS OF GROUP 2 WOODS.
  - FLOOR SHEATHING SHALL BE 3/4" UNDERLAYMENT INT-APA WITH A.P.A. INDEX 42/20. PLYWOOD SHALL BE STRUCTURAL II OR BETTER WITH VENEERS OF GROUP 2 WOODS.
  - JOIST AND RAFTERS SHALL BE #2 SOUTHERN YELLOW PINE OF #2 DOUGLAS FIR OR BETTER.
  - STUDS SHALL BE STUD GRADE DOUGLAS FIR OR BETTER.
  - TIMBERS, POSTS AND COLUMNS SHALL BE #2 DOUGLAS FIR OR BETTER.
  - LAMINATED BEAMS SHALL MEET ALL REQUIREMENTS OF PS56-73, STRUCTURAL GLUED LAMINATED "TIMBERS", AND SHALL PROVIDE AN ALLOWABLE STRESS VALUE OF 2,400 PSI IN BENDING, 1,000 PSI IN TENSION PARALLEL TO GRAIN, 165 PSI IN HORIZONTAL SHEAR AND A MODULUS OF ELASTICITY OF 1,800,000 PSI. APPEARANCE SHALL BE ARCHITECTURAL GRADE. MEMBERS SHALL BE INDIVIDUALLY WRAPPED AND ADHESIVE SHALL BE FOR A WET CONDITION OF SERVICE.
- JOIST HANGERS, BEAM HANGERS, CONNECTORS, COLUMN CAPS AND BASES SHALL BE MANUFACTURED BY SIMPSON COMPANY. ALL HARDWARE SHALL BE SELECTED AND INSTALLED ACCORDING TO MANUFACTURERS RECOMMENDATIONS.
- FLITCH BEAMS AND BUILT-UP WOOD BEAMS SHALL BE BOLTED TOGETHER WITH 2-1/2" BOLTS OVER EACH SUPPORT OR END AND 1/2" BOLTS OVER EACH SUPPORT OR END AND 1/2" BOLTS AT 1'-0" O.C. STAGGERED TOP AND BOTTOM THROUGHOUT THE LENGTH OF THE MEMBER. FLITCH PLATES SHALL BE FULL DEPTH OF THE WOOD SIDE PIECES. (I.E. 1 1/4", 1 3/4", ETC.)
- PROVIDE SOLID BLOCKING BETWEEN ALL JOIST AND RAFTERS AT EACH SUPPORT AND 8'-0" (MAXIMUM) O.C. BETWEEN SUPPORTS.
- PROVIDE A MINIMUM OF TWO JOISTS BENEATH ALL PARTITIONS PARALLEL TO JOIST.
- PROVIDE A MINIMUM OF THREE STUDS BENEATH ALL BEAM AND LINTEL REACTIONS. DOUBLE STUD AT ALL CORNERS.
- PROVIDE A SINGLE SILL PLATE AND DOUBLE CAP PLATE AT ALL STUD BEARING WALLS. STAGGER CAP PLATE SPLICE OVER STUDS.

WOOD LINTEL NOTES

- WOOD LINTELS SHALL BE OF THE SIZE SHOWN BELOW (UNLESS OTHERWISE NOTED) AND SHALL BE CONTINUOUS THROUGHOUT THEIR LENGTH.
- PROVIDE A MINIMUM OF 3-2X4 STUDS BELOW LINTELS AT EACH END.

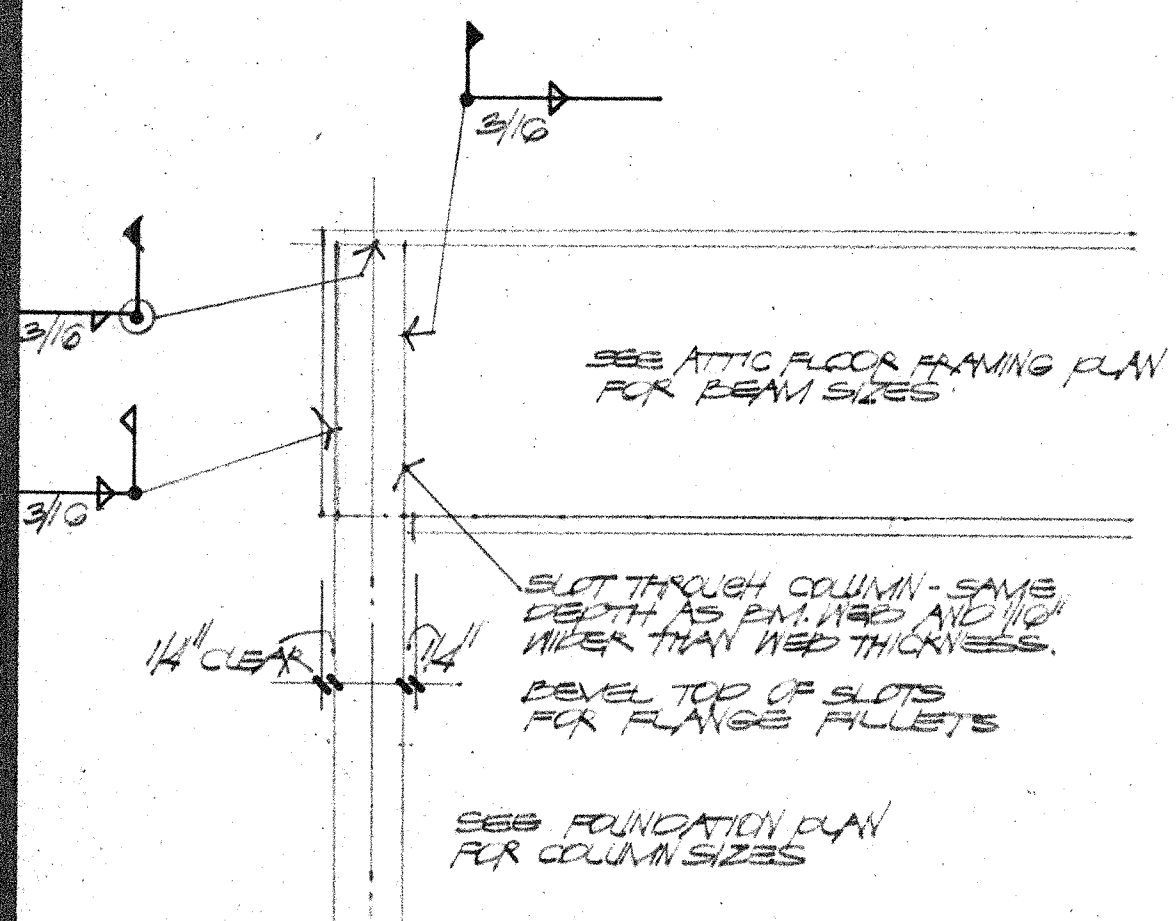
CLEAR OPENING	LINTEL SIZE
0'-0" TO 4'-0"	2-2 X 6
4'-0" TO 8'-0"	2-2 X 10

CEILING JOIST SCHEDULE

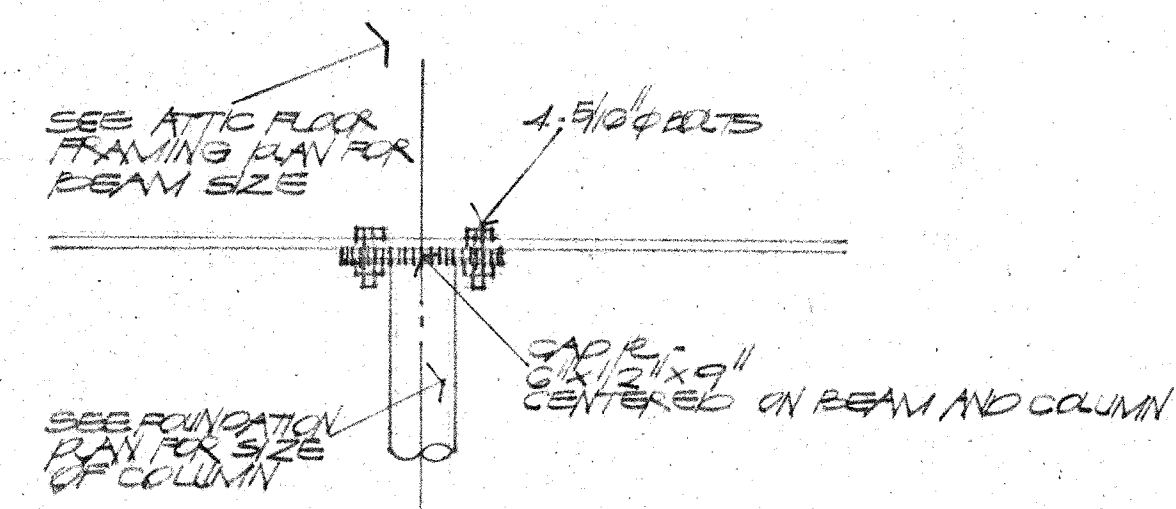
SPAN	MATERIAL
TO 8'-0"	#2 - 2 X 6 @ 16" I.C.
TO 14'-0"	#2 - 2 X 6 @ 16" I.C.

DESIGN LIVE LOADS

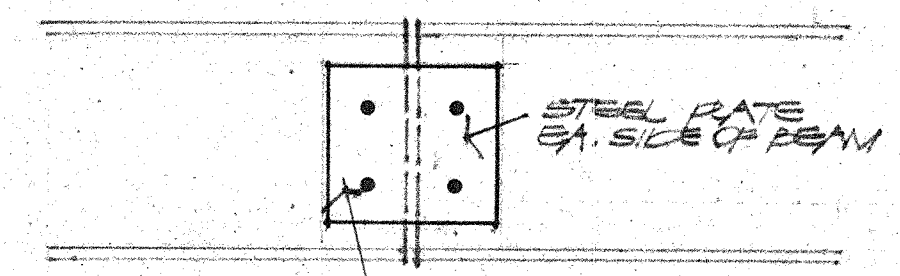
ROOF GRAVITY LOAD	20 PSF
ROOF UPLIFT	15 PSF
HORIZONTAL WIND (BASIC WIND PRESSURE)	20 PSF
OFFICE	50 PSF
PARTITION	20 PSF
STAIRWAYS, CORRIDORS, EXITS	100 PSF



02 DETAIL  
TYPICAL BEAM-TO-PIPE COLUMN CONNECTION



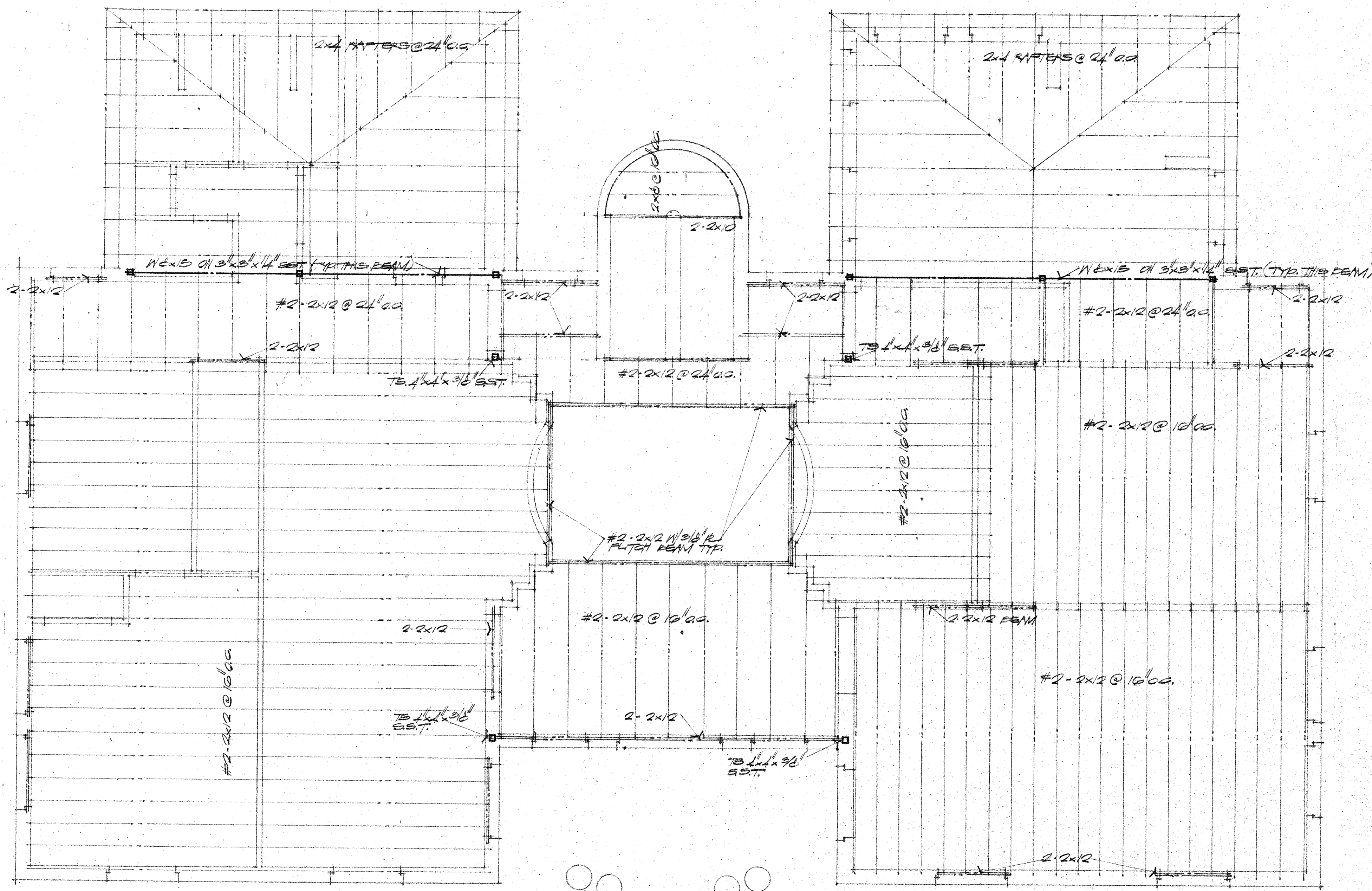
03 DETAIL  
CAP PLATE TO BEAM CONNECTION



SHEAR VALUES  
BEAM DEPTH: 8'-12"  
SHEAR (KIPS): 25

PLATES AND BOLTS (AS SHOWN) SHALL BE SIZED IN ACCORDANCE WITH TABLE 1 OF PART 4 OF THE SEVENTH EDITION OF THE AISC MANUAL FOR THE STEELS SHOWN

04 DETAIL  
TYPICAL BOLTED BEAM SPLICE CONNECTION



01 SECOND FLOOR FRAMING PLAN 1/4" = 1'-0"

SHEPHERD + BOYD  
ARCHITECTS/PLANNERS & INTERIORS  
6236 DOUGLAS AVENUE SUITE 500  
DALLAS TEXAS 75225  
TELEPHONE 214/691-9000

ADDISON TOWN HALL  
ADDISON TEXAS



REVISIONS

NO.	DATE	DESCRIPTION

DATE  
JAN. 4, 1982

SHEET  
A - 10