



| OVERHANG | FOUR STOP GAUGE |
|----------|-----------------|
| UP TO 5" | 18 |
| 5" TO 6" | 16 |
| 6" TO 7" | 14 |
| OVER 7" | STRUC. STEEL |

SECOND FLOOR FRAMING PLAN

- SCALE: 1/8" = 1'-0"
- NOTES:
- FLOOR IS 4" (3000 PSI) NORMAL WEIGHT CONCRETE SLAB W/6x6 W1.4xW1.4 WNR ON 1 1/2" LOK-FLOOR 20 GAUGE GALVANIZED COMPOSITE STEEL DECK. DECK MUST EXTEND OVER A MINIMUM OF (3) SPANS (TYP).
 - TOP OF SLAB = 34'-10 1/2"
 - TOP OF STEEL = 34'-6 1/2" (UNLESS NOTED AS +/- FROM THIS ELEVATION ON PLAN)
 - [XX] INDICATES NUMBER OF 3/4"φ x 3" SHEAR STUDS (FU = 60KSI) WELDED TO BEAM THROUGH COMPOSITE DECK
 - DESIGN REACTIONS FOR COMPOSITE BEAMS HAVE BEEN INDICATED AT VARIOUS LOCATIONS ON PLAN. THE STRUCTURAL STEEL FABRICATOR MUST DESIGN THE BEAM FOR THE GREATER OF THE FOLLOWING:
 - REACTION INDICATED ON PLAN
 - MAXIMUM REACTION BASED ON UNIFORM LOAD CAPACITY OF BEAM AT GIVEN SPAN PER AISC ASD 9TH EDITION

6. SEE COLUMN SCHEDULE ON SHEET S4.1 FOR STRUCTURAL STEEL COLUMN DETAILING.
 7. * 4" DESIGNATED MOMENT CONNECTION. STRUCTURAL STEEL FABRICATOR MUST PROVIDE A CERTIFIED CONNECTION DESIGNED BY AN ENGINEER LICENSED IN THE STATE OF MAINE TO MEET THE DESIGN MOMENT CONNECTION VALUES NOTED AS [XX] FT-LB ON PLAN. SAID MOMENT CONNECTION DESIGN MUST NOT EXCEED 100% OF THE REQUIRED DESIGN VALUE.
 8. SEE SHEET S0.1 FOR STRUCTURAL GENERAL NOTES.

NOT FOR CONSTRUCTION
05/26/06

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CUSTOM HOUSE SQUARE
300 FORE STREET
PORTLAND, MAINE
SECOND FLOOR FRAMING PLAN

PROJECT ARCHITECT:
MW
DRAWN BY:
BR, AC, SO
PROJECT #:
300506

S2.2