

05062.5.dwg - Fri, 14 Jul 2006 - 11:30pm

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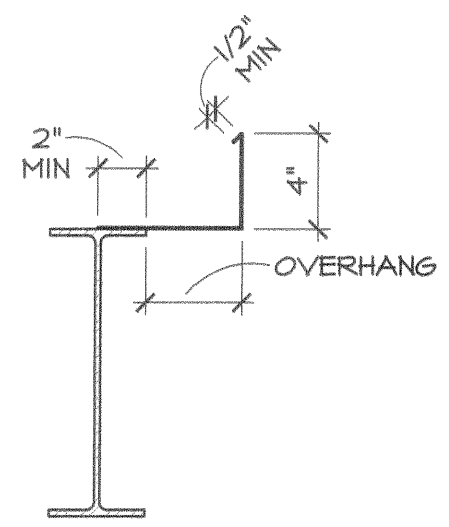
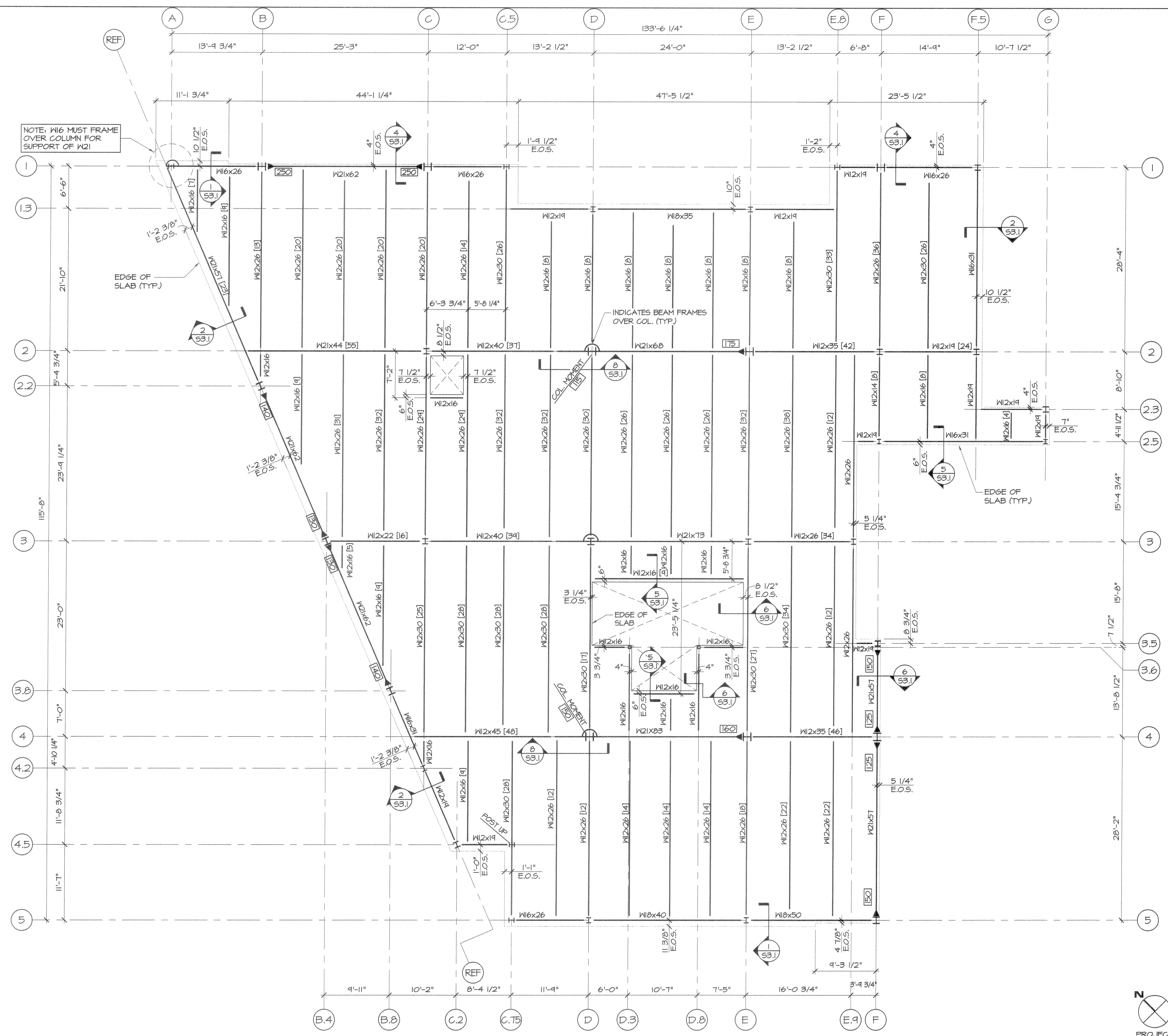


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CUSTOM HOUSE SQUARE
300 FORE STREET
PORTLAND, MAINE
FIFTH FLOOR FRAMING PLAN

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

S2.5



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

FIFTH FLOOR FRAMING PLAN

SCALE: 1/8" = 1'-0"

- NOTES:**
- FLOOR IS 4" (3000 PSI) NORMAL WEIGHT CONCRETE SLAB W/6x6 W14x11.4 WMR 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 = 6'7-10 1/2"
 - TOP OF STEEL = 6'7-6 1/2" (UNLESS NOTED AS +/- FROM THIS ELEVATION ON PLAN)
 - [XX] INDICATES NUMBER OF 3/4" 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

- SEE COLUMN SCHEDULE ON SHEET 54.1 FOR STRUCTURAL STEEL COLUMN DETAILING.
- * 4 DESIGNATES MOMENT CONNECTION. STRUCTURAL STEEL FABRICATOR MUST PROVIDE A CERTIFIED CONNECTION DESIGN BY AN ENGINEER LICENSED IN THE STATE OF MAINE TO MEET THE DESIGN MOMENT CONNECTION VALUES NOTED AS [XXX] FT-KIPS ON PLAN. SAID MOMENT CONNECTION DESIGN MUST NOT EXCEED 110% OF THE REQUIRED DESIGN VALUE.
- SEE SHEET 50.1 FOR STRUCTURAL GENERAL NOTES.