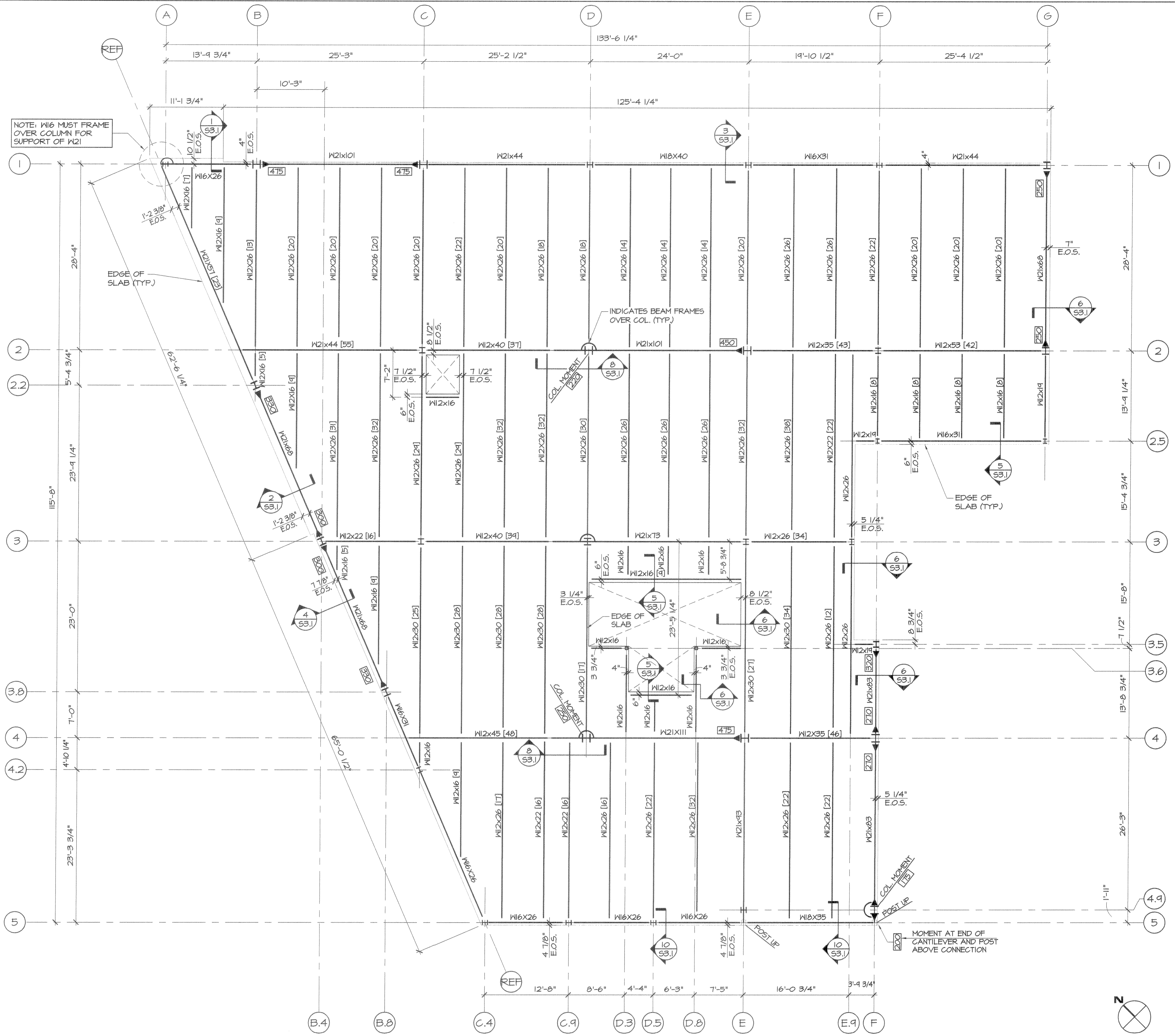


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CUSTOM HOUSE SQUARE
300 FORE STREET
PORTLAND, MAINE
SECOND FLOOR FRAMING PLAN

PROJECT ARCHITECT:
MW
DRAWN BY:
BR, AC, SO
PROJECT NO:
300506

S2.2

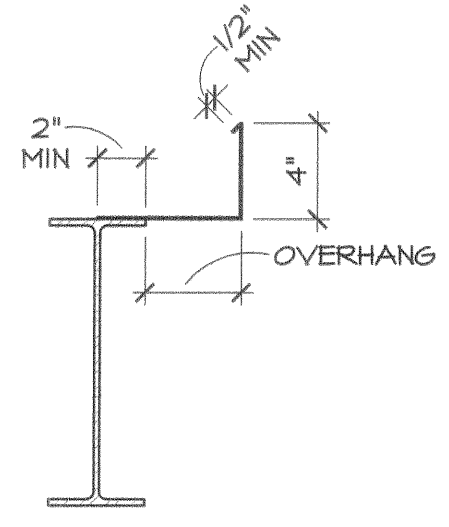


SECOND FLOOR FRAMING PLAN

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) COMPOSITE DECK
- [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 AISI ASD 9TH EDITION
- SEE COLUMN SCHEDULE ON SHEET S4.1 FOR STRUCTURAL STEEL COLUMN DETAILING.
- "▲" DESIGNATES 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 [XXX] FT-KIPS ON PLAN. SAID MOMENT CONNECTION DESIGN MUST NOT EXCEED 110% OF THE REQUIRED DESIGN VALUE.
 - SEE SHEET S0.1 FOR STRUCTURAL GENERAL NOTES.



OVERHANG	FOUR STOP GAUGE
UP TO 5"	12
5" TO 6"	16
6" TO 7"	14
OVER 7"	STRUC. STEEL