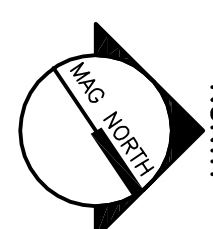




Price Structural Engineers, Inc.

This document does not supersede stamped structural document.



PROJECT NORTH

MAINE TURNPIKE AUTHORITY ADMINISTRATION BUILDING PORTLAND, MAINE

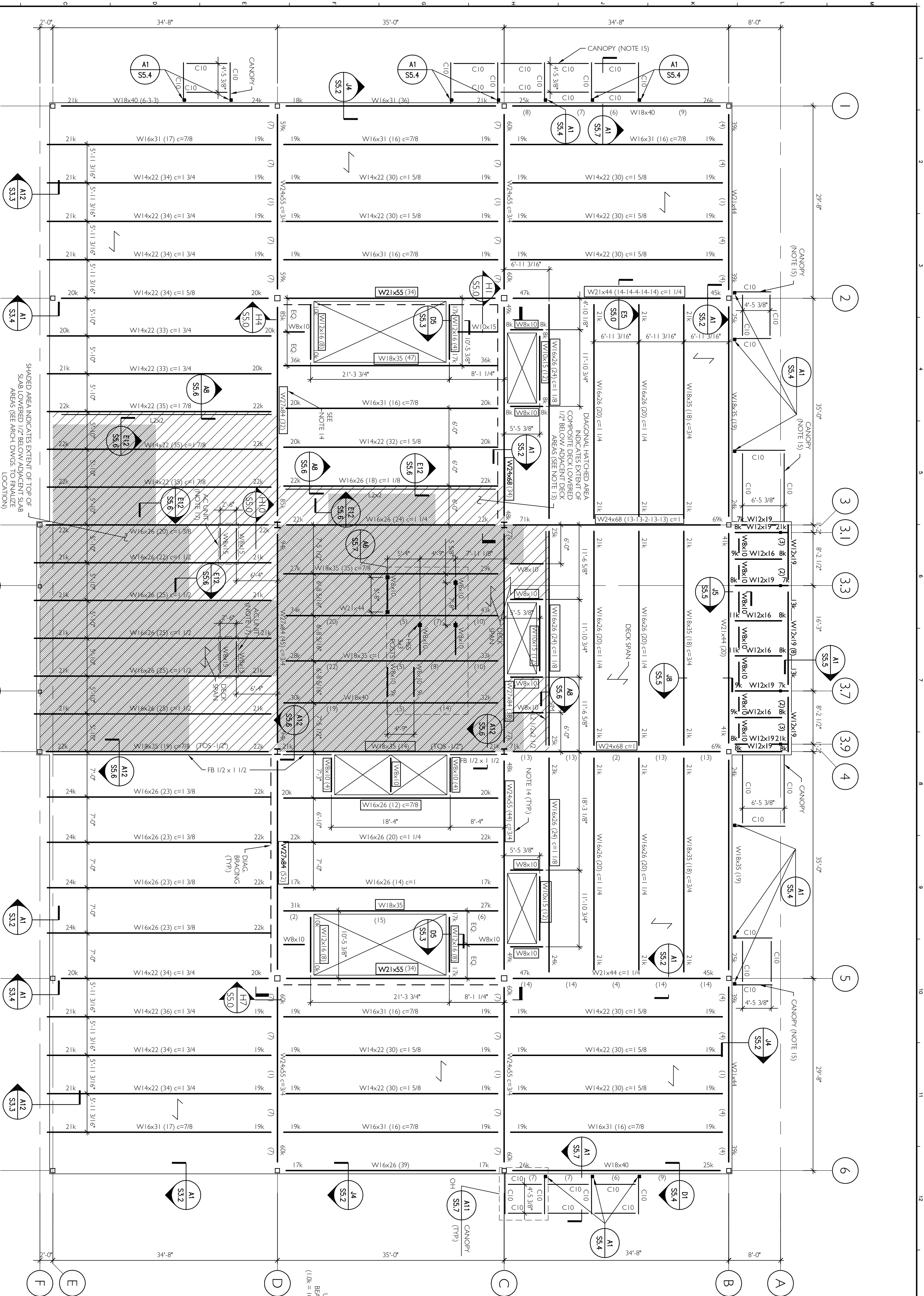
ISSUED FOR BIDDING / CONSTRUCTION 7-9-07

REV	DESCRIPTION	DATE
7	BIDDING/CONSTRUCTION	7-9-07

PROJECT TITLE:	MAINE TURNPIKE AUTHORITY ADMINISTRATION BUILDING PORTLAND, MAINE
GRAPHIC SCALE:	0' 1'
SCALE:	1/8" = 1'-0"
PROJECT MANAGER:	SLB
PROJECT ENGINEER:	TON/IDP
A/E OF RECORD:	DAP
CAD FILE:	M/A/S4.0/116-06
PROJECT NO.:	06016
DATE:	7-9-07

SHEET No. **S4.0**

SECOND FLOOR FRAMING PLAN



- NOTES:
- Top of steel shall be E112-111 unless noted otherwise by a "4" or "4" from this elevation. Specified top of steel shall be bottom of floor deck. Elevations specified on framing plans are based on basement top of slab datum E1100'-0".
 - See D12 / S5.3 for typical details at equipment and deck openings.
 - See Drawings S1.0 and S1.1 for additional notes and requirements.
 - See Drawing S5.0 through S5.6 for required typical details.
 - See Architectural Drawings for dimensions not shown.
 - Total slab thickness shall be 5" (A12 / S5.3) unless otherwise noted. Under no circumstances shall slab be placed until welding of all permanent building framing has been completed.
 - Deckwork, plumbing and other utilities extending from floor to floor inside mechanical chases shall be vertically and laterally supported at each floor level unless otherwise approved in writing by PE. Lateral and vertical support connections for all mechanical components shall be designed by the mechanical contractor's engineer.
 - Prior to fabrication of new materials, the final positions of structural steel located at edges of openings or used to support equipment shall be established and approved in writing by PE. Applicable shop drawings and requirements specified by other project documents.
 - Beam legend is as follows:
 - BEAM SIZE
 - UNFACTORED BEAM REACTION (1.0K = 1000 POUNDS)
 - MIN. SHEAR STUD QUANTITY AT EA. PRESENTISES
 - ADJACENT BEAMS
 - BEAM SEGMENT
 - BEAM CAMBER (INCHES)
 - As much as possible shear studs shall be placed at uniform spacing within each beam segment. See detail H11 / S5.4 and A12 / S5.3 for additional composite beam requirements.
 - See Architectural Drawings for additional structural steel components at overhead doors.
 - See note E20 on Drawing S1.1 for brick lintel requirements (typical).
 - Steel beams within hatched area shall have top of steel elevation lowered 0'-1/2". See sections on this plan for requirements of beams located at hatched area.
 - Beams designated within rectangular box shall not be primed or otherwise painted.
 - Beams designated within rectangular box shall not be primed or otherwise painted.
 - Canopy dimensions indicate distance between outside faces of channel webs (see Detail A11 / S5.7).
 - Beam reactions (4" = kips) shown on the plan are based on unfactored loads (minimum reaction = 80K DOWN). See Drawing S5.0 for beam reactions at bracing bays.
 - General contractor shall verify that A/C operating weights do not exceed 600 pounds.

A1 SECOND FLOOR FRAMING PLAN

1/8" = 1'-0"

SHADDED AREA INDICATES EXTENT OF TOP OF SLAB BEING LIFTED FROM SUPPORT BEAMS (SEE ARCH. DWGS. TO FINALIZE LOCATION).