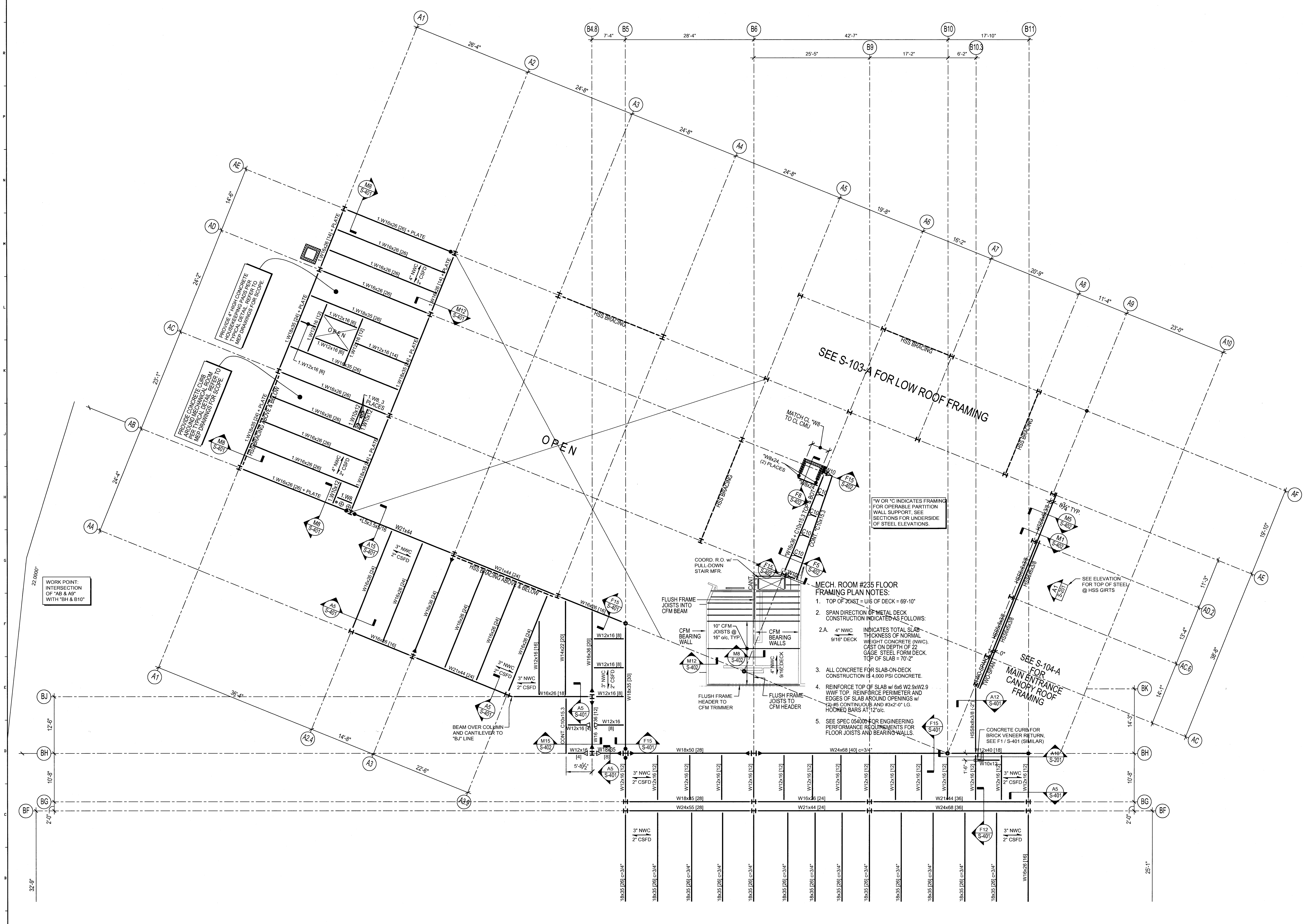
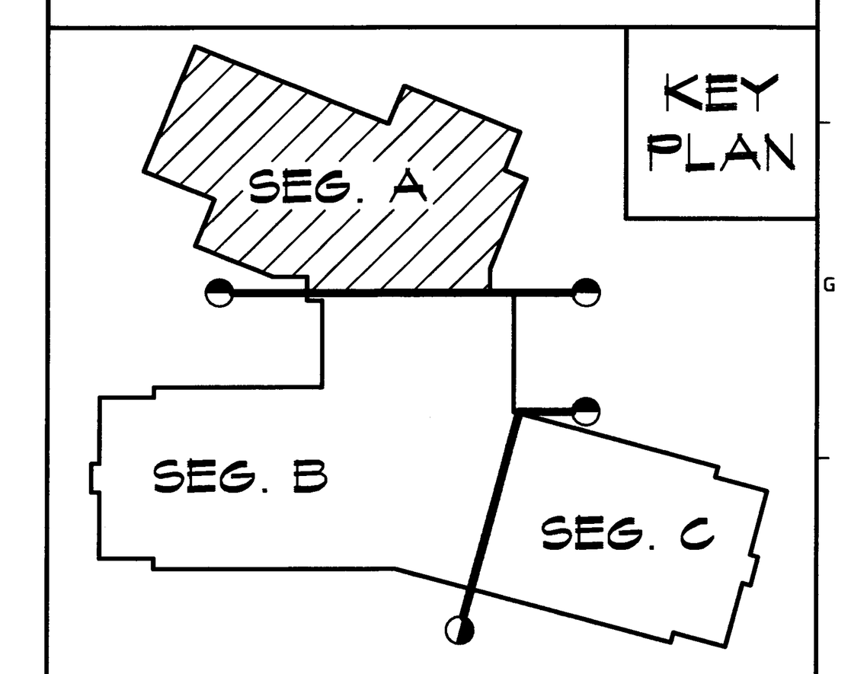


MECH. ROOM #235 FLOOR FRAMING PLAN NOTES:

1. TOP OF JOIST = U/S OF DECK = 69'-10"
2. SPAN DIRECTION OF METAL DECK CONSTRUCTION INDICATED AS FOLLOWS:
   2.A. 4" NWC / 9/16" DECK — INDICATES TOTAL SLAB THICKNESS OF NORMAL WEIGHT CONCRETE (NWC), CAST ON DEPTH OF 22 GAGE STEEL FORM DECK. TOP OF SLAB = 70'-2"
3. ALL CONCRETE FOR SLAB-ON-DECK CONSTRUCTION IS 4,000 PSI CONCRETE.
4. REINFORCE TOP OF SLAB w/ 6x6 W2.9xW2.9 WWF TOP. REINFORCE PERIMETER AND EDGES OF SLAB AROUND OPENINGS w/ (2)-#5 CONTINUOUS AND #3x2'-0" LG. HOOKED BARS AT 12"o/c.
5. SEE SPEC 054000 FOR ENGINEERING PERFORMANCE REQUIREMENTS FOR FLOOR JOISTS AND BEARING WALLS.

SECOND FLOOR, LOW ROOF, MECH. MEZZ. FLOOR FRAMING PLAN NOTES:

1. TOP OF STEEL IS AT ELEVATION 74'-3" U.N.O. BY (+/-) AND AS SCHEDULED BELOW:
   - 1.A. 1.W 74'-2"
   - 1.B. 2.W 71'-7"
2. SPAN DIRECTION OF METAL DECK CONSTRUCTION INDICATED AS FOLLOWS:
   - 2.A. "T" NWC / "D" CSFD — "T" INDICATES THICKNESS OF NORMAL WEIGHT CONCRETE (NWC), "D" INDICATES DEPTH OF 18 GAGE COMPOSITE STEEL FLOOR DECK (CSFD). T + D = TOTAL SLAB THICK.
   - 2.B. TYPE "B" / RF DECK — 18 GAGE, 1½" DEEP (TYPE "B") METAL ROOF DECK.
   - 2.C. TYPE "BCA" / RF DECK — 18 / 20 GAGE, 1½" DEEP (TYPE "BCA") CELLULAR ACOUSTIC METAL ROOF DECK w/ FLAT BOTTOM PLATE (EXTENTS SHOWN SHADED).
3. ALL CONCRETE FOR SLAB-ON-DECK CONSTRUCTION IS 4,000 PSI CONCRETE.
4. REINFORCE TOP OF SLABS w/ 6x6 W2.9xW2.9 WWF TOP. REINFORCE PERIMETER AND EDGES OF SLAB AROUND OPENINGS w/ (2)-#5 CONTINUOUS AND #3x2'-0" LG. HOOKED BARS AT 12"o/c.
5. MOMENT CONNECTIONS INDICATED AS FOLLOWS:
   - 5.1. FIELD WELDED BEAM TO COLUMN CONNECTION PART OF THE LATERAL FORCE RESISTING SYSTEM, SEE TYPICAL DETAIL FOR REQ'TS.
   - 5.2. FIELD & SHOP WELDED OUTRIGGER CONNECTION TO RESIST GRAVITY FORCES ONLY, SEE SECTIONS.
   - 5.3. INDICATES AXIAL THRU FORCE CONNECTION, SEE TYPICAL DETAIL ON S-200.
6. PROVIDE ¾" DIAMETER, 3½" LONG HEADED SHEAR STUDS FIELD WELDED TO THE TOP OF STEEL FRAMING IN QUANTITIES NOTED ON PLAN AS FOLLOWS:
   - 6.1. [##] NUMBER OF STUDS TO BE UNIFORMLY SPACED ALONG ENTIRE LENGTH OF BEAM
   - 6.2. <##> NUMBER OF STUDS TO BE UNIFORMLY SPACED BETWEEN INTERMEDIATELY SUPPORTED MEMBERS (BEAMS AND/OR POSTS)
7. ALL SLAB AND ROOF DECK OPENINGS MAY NOT BE SHOWN. REINFORCEMENT IS REQUIRED AT ALL METAL DECK PENETRATIONS AND MAY BE FITTED IN THE FIELD PER TYPICAL DETAILS. GC SHALL COORDINATE ALL PENETRATIONS WITH STRUCTURAL STEEL AND METAL DECK SHOP DRAWINGS FOR APPROVAL. CONTRACTOR SHALL REFER TO ARCH. AND MEP DRAWINGS FOR SCOPE (INCL. SIZES, LOCATIONS, QUANTITIES) AND INCLUDE THIS WORK IN THEIR BASE BID.
8. INDICATES REINF. CAST-IN-PLACE CONCRETE CURB FOR BRICK VENEER, SEE SECTIONS AND DETAILS.



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PERMIT APPLICATION SUBMISSION 3-18-09

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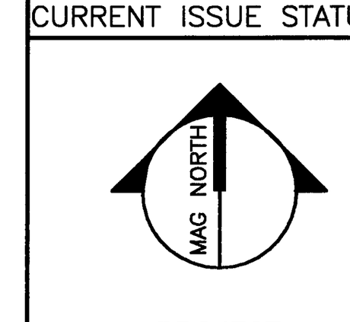

PROJECT NORTH

STATE OF MAINE — JOHN P. POULIN — No.11216 — LICENSED — PROFESSIONAL ENGINEER — 03/18/09

WBRC ARCHITECTS · ENGINEERS

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PROJECT: OCEAN AVENUE ELEMENTARY SCHOOL
PORTLAND, ME

SHEET TITLE: MECHANICAL MEZZ. FLOOR & LOW ROOF FRAMING PLAN - SEGMENT A

WBRC CAD FILE:	331610–S–102–A
PROJECT No.	331610
SCALE:	AS NOTED
PROJECT MANAGER:	MEJ
DRAWN BY:	ADB
CHECKED BY:	JPP
GRAPHIC SCALE:	0" 1"
SHEET No.	S-102-A

A1 SEGMENT A: MECHANICAL MEZZANINE & LOW ROOF FRAMING PLAN

1/8" = 1'-0"

3/18/2009 7:16 AM I:\3301-3400\331610 OCEAN AVE. ELEMENTARY SCHOOL - SD TO CA\DWGS\OCEAN AVENUE ELEMENTARY SCHOOL\OCEAN AVENUE ELEMENTARY SCHOOL\SHEETS\331610-S-102-A MECHANICAL MEZZANINE & LOW ROOF FRAMING PLAN SEGMENT A.DWG BRETT.BEDARD