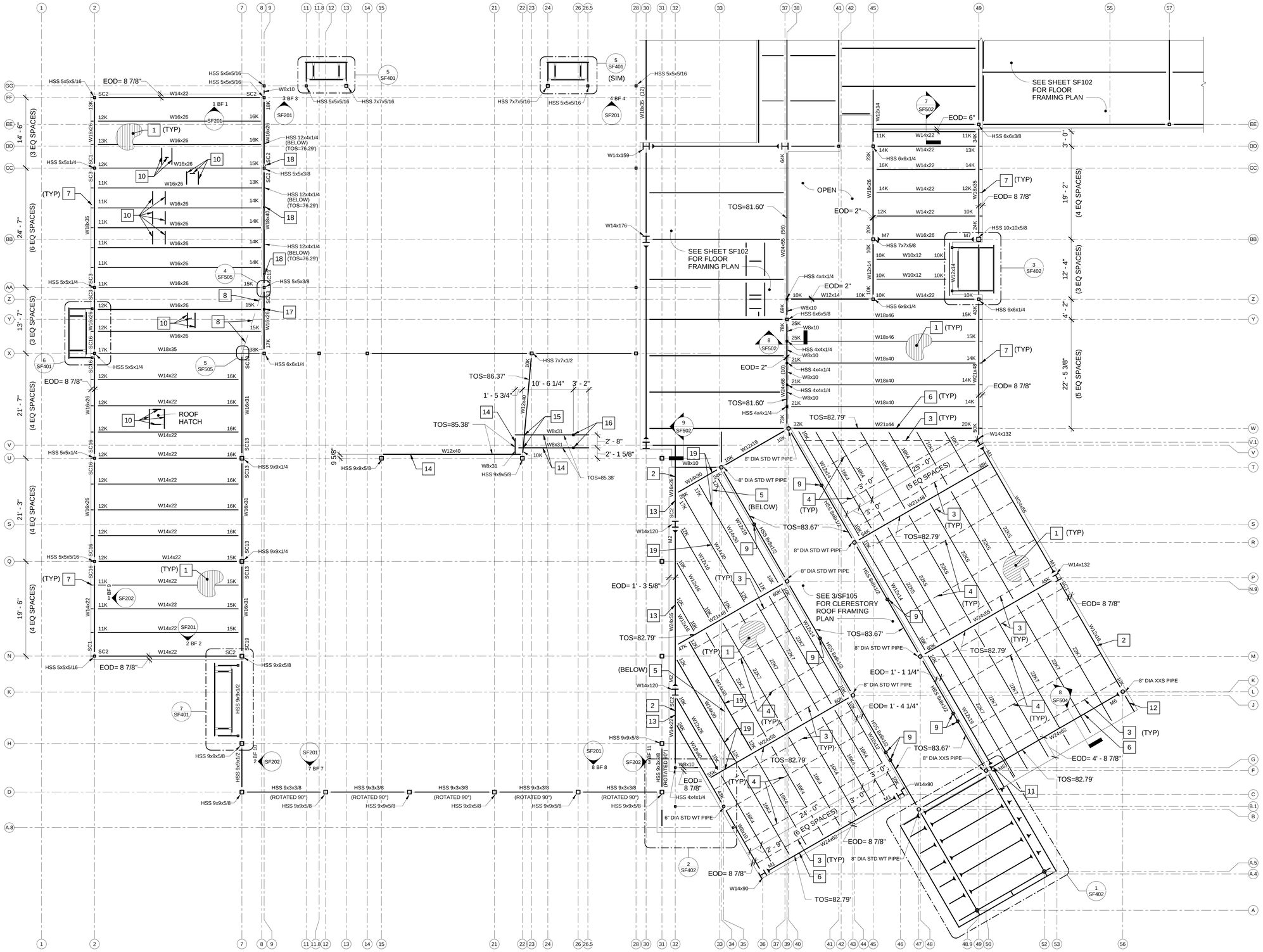
DRAWING NOTES:

1. END REACTIONS (Ru) ARE FACTORED.
2. W8x10'S AND W8x31'S HAVE A FACTORED END REACTION OF 10 KIPS UNLESS NOTED OTHERWISE.
3. REFER TO SHEET SF605 FOR SHEAR PLATE CONNECTION SCHEDULE AND SHEET SF607 SEISMIC COLLECTOR CONNECTION SCHEDULE.
4. REFER TO SHEET SF606 FOR MOMENT CONNECTION SCHEDULE.

KEYNOTES: (THIS SHEET ONLY)

1	1-1/2" x 18 GAGE GALVANIZED STEEL ROOF DECK.
2	SEISMIC LOAD RESISTING COLLECTOR ELEMENT.
3	CONTINUOUS HORIZONTAL UPLIFT BRIDGING AT FIRST PANEL POINT OF BOTTOM CHORD OF JOIST, INSTALLED PER THE MANUFACTURER'S PRINTED INSTRUCTIONS.
4	BRIDGING INSTALLED PER THE MANUFACTURER'S PRINTED INSTRUCTIONS.
5	W12x26 FIRE DOOR SUPPORT BEAM. PROVIDE 1-5/8"x1-5/8" COLD-FORMED STEEL SLOTTED FRAMING AT BOTTOM FLANGE FOR ATTACHMENT OF PARTITION SUPPORT HANGERS. COORDINATE WITH FIRE DOOR MANUFACTURER.
6	DECK SUPPORT BUILT-UP PLATE. SEE DETAIL 6/SF501 (SIMILAR).
7	C4x5.4 OUTRIGGER ALIGNED WITH ROOF BEAMS. SEE DETAIL 12/SF501.
8	HSS 4x4x3/8 BRACE. TOP OF STEEL ELEVATION = 82.50'. SEE DETAIL 5/SF505 FOR CONNECTION TO SUPPORTING BEAMS.
9	6" DIAMETER STANDARD WEIGHT PIPE COLUMN (ABOVE). SEE DETAIL 9/SF505.
10	C8x11.5 HEADER AT ROOF OPENING/MECHANICAL UNIT. COORDINATE EXACT LOCATION WITH MECHANICAL PLANS AND/OR ARCHITECTURAL PLANS. SEE DETAIL 3/SF501.
11	W12x19 TO W24x62 BEAM MOMENT CONNECTION. SEE DETAIL 3/SF506 (SIMILAR).
12	C8x11.5 OUTRIGGER. WELD TO 8" DIAMETER DOUBLE EXTRA STRONG PIPE COLUMN WITH 1/4" FILLET WELD ALL AROUND.
13	HSS 2-1/2x2-1/2x1/4 FILLER TUBE. SEE DETAIL 8/SF501.
14	OPERABLE PARTITION SUPPORT BEAM. PROVIDE DRILLED HOLES IN BOTTOM FLANGE FOR ATTACHMENT OF PARTITION SUPPORT HANGERS. COORDINATE WITH PARTITION MANUFACTURER.
15	W8x31 TO W12x40 CONNECTION. PROVIDE (4) 3/4" DIAMETER A325N BOLTS WITH 1-1/2" EDGE DISTANCE.
16	HSS 4x4x1/4 HANGER (ABOVE). SEE DETAIL 10/SF505.
17	HSS 4x4x3/8 (BELOW). SEE DETAIL 2/SF507.
18	MC6x15.3 (BELOW). SEE DETAIL 3/SF507.
19	W12x26 TO BEAM CONNECTION. PROVIDE (4) 3/4" DIAMETER A325N BOLTS WITH 1-1/2" EDGE DISTANCES.



NOTE:
TOP OF STEEL ELEVATION = 83.00',
UNLESS NOTED OTHERWISE.

1 PARTIAL LOW ROOF FRAMING PLAN
SF104 SCALE: 1/8" = 1'-0"

PLAN NORTH

KEYPLAN
NOT TO SCALE

PLAN NORTH

GRAPHIC SCALE
1/8"=1'-0"
8' 4' 0 8' 16'
CHECK GRAPHIC SCALE BEFORE USING

NO.	DATE	DESCRIPTION	BY
		REVISIONS	

DRAWN BY: JEG
CHECK BY: DNM
NO.
DATE 03/17/17

STATE OF MAINE
PUBLIC SCHOOL PROJECT

TITLE: PORTLAND PUBLIC SCHOOLS
NEW FRED P. HALL ELEMENTARY SCHOOL
LOCATION: 23 ORONO ROAD, PORTLAND, ME

TITLE THIS DWG.
PARTIAL LOW ROOF FRAMING PLAN

DAVID N. MARTIN No. 8622 LICENSED PROFESSIONAL ENGINEER STATE OF MAINE

OAK POINT ASSOCIATES
231 Main Street, Biddeford, Maine 04005 207.283.0193

DRAWING NO. SF104
SHEET NO. 99 OF 312

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