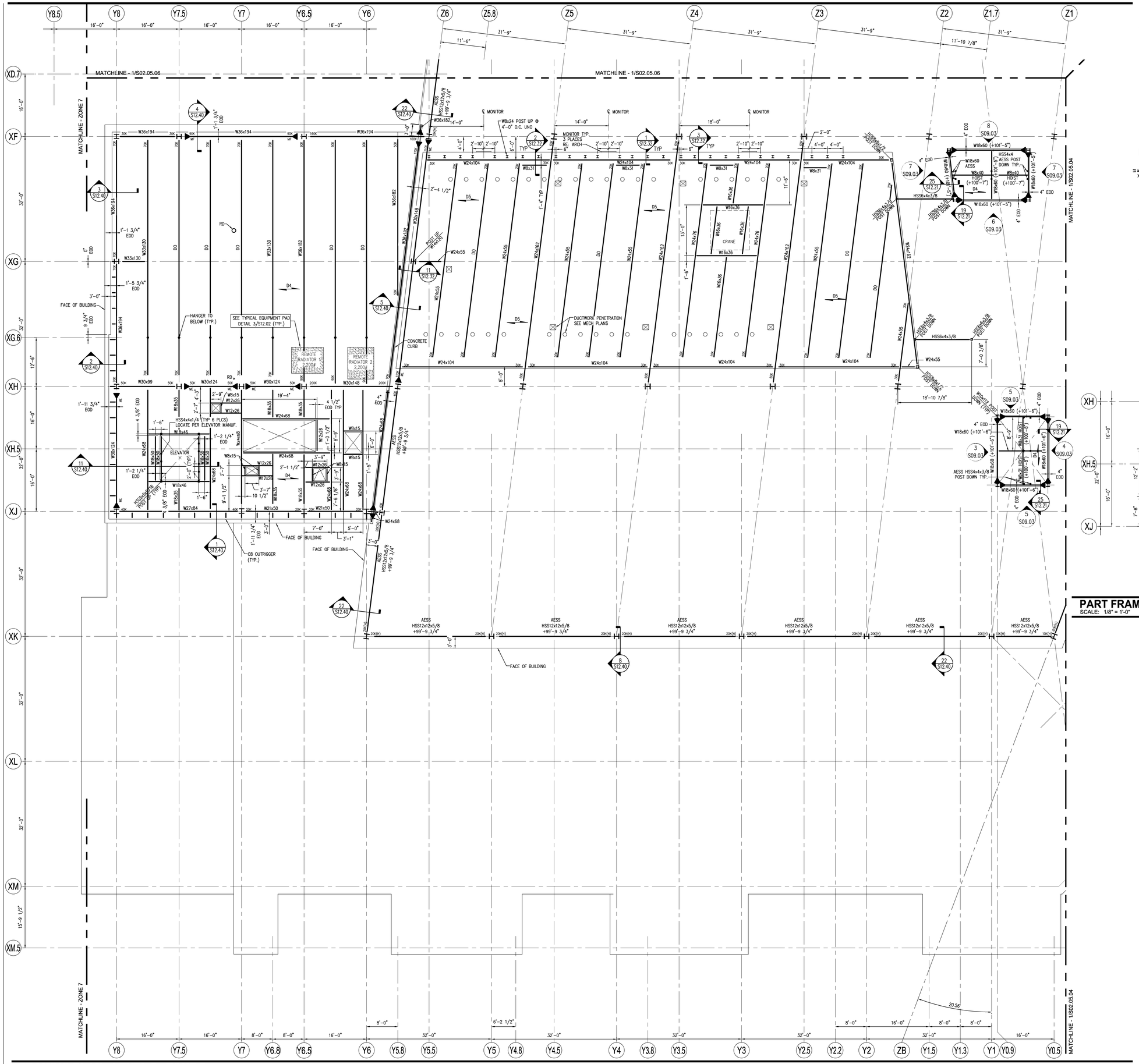


FRAMING PLAN - LEVEL 5 - ZONE 5

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

1

PART FRAMING PLAN (EL. +102-5")

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

2

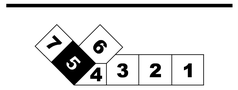
SHEET NOTES

EOD	INDICATES EDGE OF DECK
D2	INDICATES DIRECTION OF SPAN OF DECKING. DECK TO BE 5 1/2" LIGHT WEIGHT CONCRETE SLAB ON 18 GAGE 2" THICK COMPOSITE METAL DECK REINFORCED WITH 6X6–W2.1XW2.1 W/ 36/4 5/8" DIAMETER WELD PATTERN AND (2) WELDED SIDE LAP CONNECTIONS PER SPAN. SEE GENERAL NOTES.
D4	INDICATES DIRECTION OF SPAN OF DECKING. DECK TO BE 5" LIGHT WEIGHT CONCRETE SLAB ON 18 GAGE 2" THICK COMPOSITE METAL DECK REINFORCED WITH 6X6–W2.1XW2.1 W/ 36/4 5/8" DIAMETER WELD PATTERN AND (2) WELDED SIDE LAP CONNECTIONS PER SPAN. SEE GENERAL NOTES.
D5	INDICATES DIRECTION OF SPAN OF ROOF DECKING. ROOF DECK TO BE 1 1/2" WIDE RIB 18 GAGE METAL DECK, INSTALLED IN 3 SPAN CONDITION W/ 36/4 5/8" DIAMETER WELD PATTERN AND (2) WELDED SIDE LAP CONNECTIONS PER SPAN. SEE GENERAL NOTES.
	INDICATES LOCATION OF MOMENT CONNECTION CAPABLE OF DEVELOPING THE FULL MOMENT CAPACITY OF THE FLEXURAL ELEMENT.
XBRACE	INDICATES LOCATION OF VERTICAL CROSS BRACING, SEE FRAMING ELEVATIONS.
12K	(EXAMPLE) INDICATES TOTAL VERTICAL END REACTION IN KIPS (LRFD/FACTORED) FOR STEEL TO STEEL CONNECTION DESIGN.
20K(H)	(EXAMPLE) INDICATES TOTAL HORIZONTAL END REACTION IN KIPS (LRFD/FACTORED) FOR STEEL TO STEEL CONNECTION DESIGN.
MA	(EXAMPLE) INDICATES MOMENT CONNECTION– SEE MOMENT SCHEDULE ON SHEET S02.03.04.
(SL)	INDICATES SLOPED BEAM.
(E)	INDICATES EXISTING.
RD	INDICATES ROOF DRAIN
AESS	INDICATED ARCHITECTURALLY EXPOSED STRUCTURAL STEEL

GENERAL NOTES

1. ALL EXISTING CONDITIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO BEGINNING OF ANY WORK. IF EXISTING FIELD CONDITIONS DO NOT PERMIT THE INSTALLATION OF THE WORK IN ACCORDANCE WITH THE DETAILS AS SHOWN, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY AND PROVIDE A SKETCH OF THE CONDITION WITH PROPOSED MODIFICATION FOR REVIEW BY ARCHITECT.
2. GENERAL CONTRACTOR TO CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.
3. FINISHED ROOF ELEVATION = VARIES RE: ARCH. TOP OF STEEL ELEVATION = (+) 99'–8" UNLESS NOTED OTHERWISE (+/–) RELATIVE TO THIS ELEVATION.
4. FRAMING NOT SPECIFICALLY DIMENSIONED SHALL BE ASSUMED EQUALLY SPACED.
5. SEE SHEET S00.00 FOR GENERAL STRUCTURAL NOTES AND DESIGN LOADS.
6. DIMENSIONS IN PARENTHESIS ARE FOR REFERENCE ONLY.
7. ALL FLOOR FRAMING MEMBERS SHALL BE PROPERLY BRACED BY THE CONTRACTOR UNTIL THE STRUCTURAL FLOOR DIAPHRAGM HAS BEEN COMPLETELY CONSTRUCTED.
8. CONTRACTOR SHALL COORDINATE ALL FLOOR OPENINGS WITH MECHANICAL DRAWINGS. ALL FLOOR OPENINGS LARGER THAN 10" DIAMETER OR SQUARE SHALL BE SUPPORTED ON FRAME (SEE SHEET S12.04). ANY OPENING NOT SHOWN ON THIS DRAWING SHALL NOT BE CONSTRUCTED WITHOUT THE ARCHITECTS APPROVAL.
9. METAL STUD GAGES SHALL BE SELECTED BASED ON THE STUD DEPTHS SHOWN ON THE ARCHITECTURAL PLANS, WIND LOAD = 35 PSF, AND MAXIMUM DEFLECTION OF H/360 OR 0.3" @ BRICK VENEER, H/360 FOR PANEL WALL. – VERTICAL DEFLECTION CLIPS FOR ALL STUDS ATTACHING TO BEAMS.

KEY PLAN



Portland International Jetport

1001 Westbrook Street
Portland, Maine 04102

Gensler
2020 K Street, NW
Suite 200
Washington, DC 20006
Telephone 202.721.5200
Facsimile 202.872.8587

oest ASSOCIATES, INC.
343 Gorham Road, South Portland, ME 04106 P: (207) 761-1770 F: (207) 774-1246 www.oest.com
engineers · architects · surveyors · construction managers

amec
343 Gorham Road, South Portland ME 04106
P: (207) 761-1770 F: (207) 774-1246 www.amec.com

THESE DRAWINGS ARE ISSUED FOR CONSTRUCTION AND REFLECT ALL AMEC ISSUED BULLETINS AND SKETCHES.

△	Issue	Date & Issue Description	By	Check
––	01	07/11/08	JDE	––
		SCHEMATIC DESIGN		
––	02	09/22/08	JDE	––
		DESIGN DEVELOPMENT		
––	03	12/03/08	JDE	––
		75% CONSTRUCTION DOCUMENTS		
––	04	01/23/09	JDE	––
		95% CONSTRUCTION DOCUMENTS		
––	05	10/26/09	JDE	––
		ISSUED FOR PERMIT		
2	06	11/12/09	JDE	––
		ADDENDUM #2		
4	07	01/12/10	JDE	––
		BULLETIN #1		
8	08	02/03/10	JDE	––
		BULLETIN #5		
18	09	05/03/10	JDE	––
		BULLETIN #10		
43	10	08/26/10	JDE	––
		BULLETIN #37		
145	11	09/01/11	JDE	––
		ISSUED FOR CONSTRUCTION		

Seal/Signature

STATE OF MAINE
DAVID A. ROBERTS
No. 11588
LICENSED
PROFESSIONAL ENGINEER

Project Name
PWM Terminal Enhancement

Project Number
09.6395.000

CAD File Name
T:\5330101\SHEETS\S02.05.05.DWG

Description
FRAMING PLAN – LEVEL 5 – ZONE 5

Scale
1/8" = 1'-0"

Ref. North

S02.05.05

©2009 Gensler