

GLUE LAM ROOF BEAM SCHEDULE		
MARK	DIMENSIONS (w x h)	GLUE LAM COMBINATION SYMBOL
GL1	14" x 55"	24F - V3
GL2	8 1/2" x 44"	24F - V3
GL3	6 3/4" x 33"	24F - V3
GL4	5" x 12 3/8"	24F - V3
GL4T	5" x 12 3/8"	24F - V3, " INDICATES TAPERED END
GL5	6 3/4" x 15 1/8"	24F - V3

NOTE:
GLUE LAM MATERIALS BASED ON NDS 2001. MANUFACTURER TO VERIFY FINAL GLUE LAM SIZE AND SPECIES.

SHEET NOTES

- E00 INDICATES EDGE OF DECK.
- D4 INDICATES DIRECTION OF SPAN OF ROOF DECKING. ROOF DECK TO BE 5" REINFORCED LIGHTWEIGHT CONCRETE SLAB ON 18 GAGE 2" THICK COMPOSITE METAL DECK W/ 1/2" DIAMETER WELD PATTERN AND SCREWS SIDE LAP CONNECTION PER SPAN. SEE GENERAL NOTES.
- D3 INDICATES DIRECTION OF SPAN OF ROOF DECKING. ROOF DECK TO BE 3" x 6" (NOMINAL) DOUGLAS FIR/LARCH, END-MATCHING (TONGUE AND GROOVE), WITH 1/2" THICK STRUCTURAL PLYWOOD, WITH A RANDOM LENGTH CONTINUOUS LAY-UP INSTALLATION.
- INDICATES LOCATION OF MOMENT CONNECTION CAPABLE OF DEVELOPING THE FULL MOMENT CAPACITY OF THE FLEXURAL ELEMENT.
- 12K (EXAMPLE) INDICATES MEMBER END REACTION IN KIPS.
- (SL) INDICATES SLOPED BEAM.
- (E) INDICATES EXISTING.
- RD INDICATES ROOF DRAIN, RE: ARCH/MECH. FOR LOCATIONS.
- AESS INDICATES ARCHITECTURALLY EXPOSED STRUCTURAL STEEL.
- GL# INDICATES GLUE LAM BEAM, SEE SHEET S02.RP.06 FOR SCHEDULE.

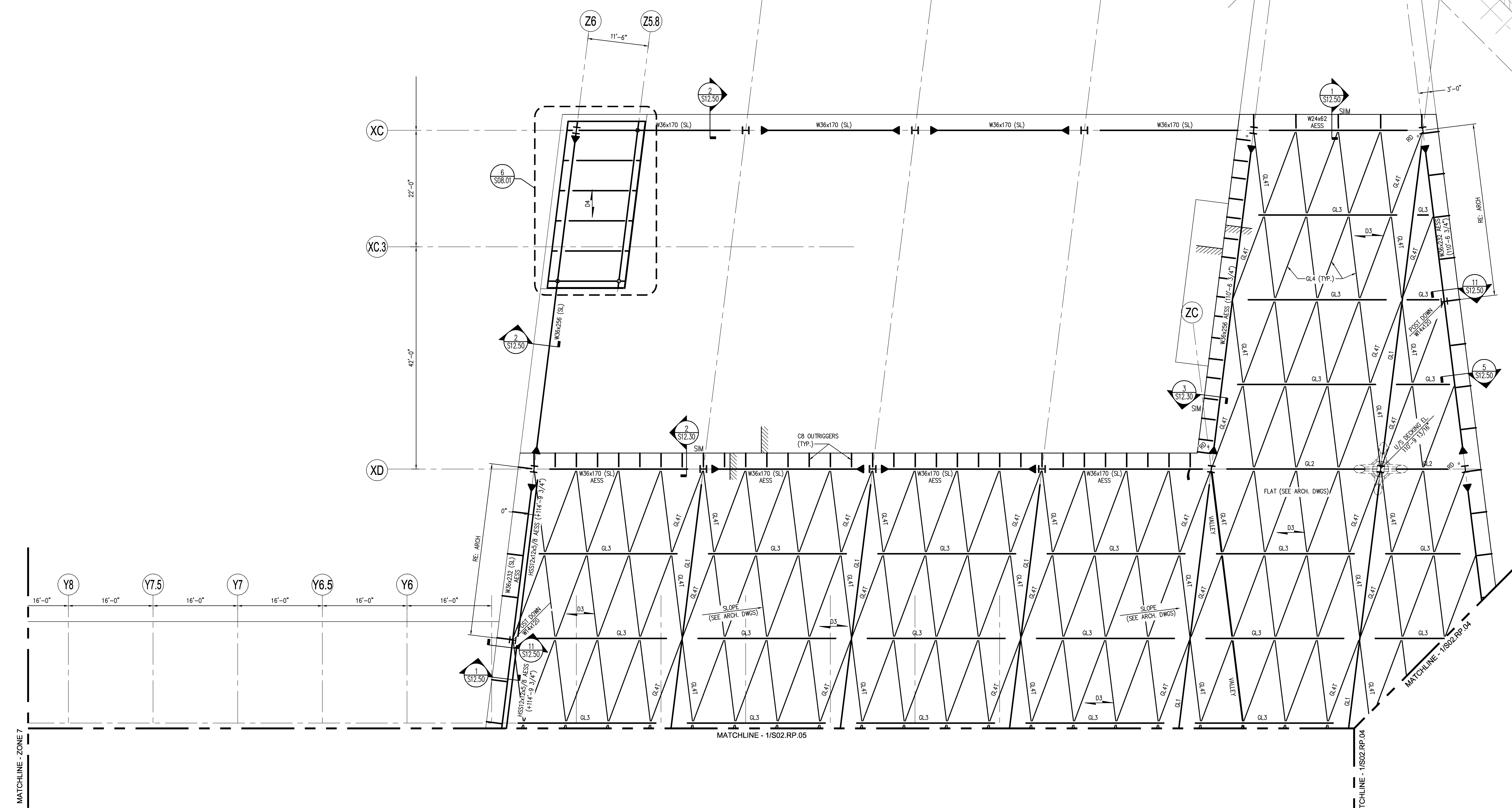
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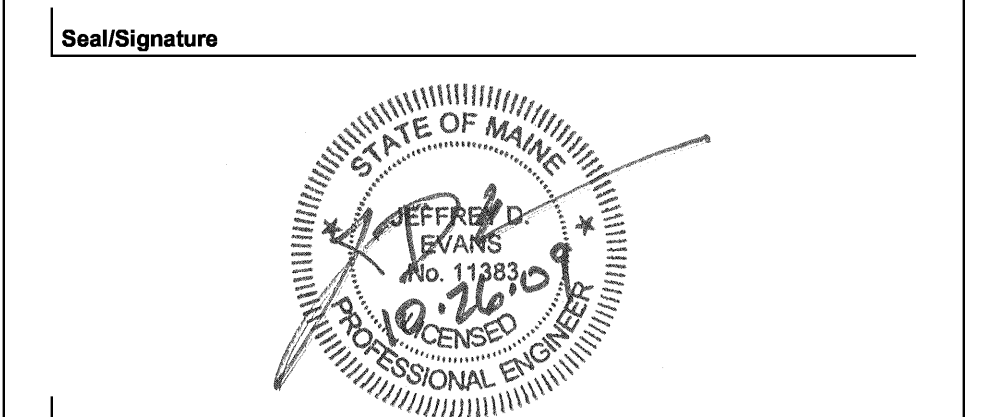
WIND UPLIFT LOAD DIAGRAM (HIGH ROOF)
SCALE: NOT TO SCALE **2**



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. CONTRACTOR TO CONFIRM ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.
3. FINISHED ROOF ELEVATION = (+) VARIES
TOP OF STEEL ELEVATION = (+) VARIES UNLESS NOTED OTHERWISE (+/-) RELATIVE TO THIS ELEVATION.
4. FRAMING NOT SPECIFICALLY DIMENSIONED SHALL BE ASSUMED EQUALLY SPACED.
5. SEE SHEET S000.00 FOR GENERAL STRUCTURAL NOTES AND DESIGN LOADS.
6. DIMENSIONS IN PARENTHESIS ARE FOR REFERENCE ONLY.
7. ALL ROOF FRAMING MEMBERS SHALL BE PROPERLY BRACED BY THE CONTRACTOR UNTIL THE STRUCTURAL ROOF DIAPHRAGM HAS BEEN COMPLETELY CONSTRUCTED.
8. SEE ARCHITECTURAL DRAWINGS FOR ROOF SLOPES.
9. CONTRACTOR SHALL COORDINATE ALL ROOF OPENINGS WITH MECHANICAL DRAWINGS. ALL ROOF 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 ARCHITECT'S APPROVAL.
10. METAL STUD GAGES SHALL BE SELECTED BASED ON THE STUD DEPTHS SHOWN ON THE ARCHITECTURAL PLANS, WIND LOAD = 35 PSF AND MAXIMUM DEFLECTION OF 1/360 OR 0.3" @ BRICK VENEER, 1/360 FOR PANEL WALL. - VERTICAL DEFLECTION CLIPS FOR ALL STUDS ATTACHING TO BEAMS.

Issue	Date & Issue Description	By	Check
-- 01	07/11/08	JDE	--
-- 02	09/22/08	JDE	--
-- 03	12/03/08	JDE	--
-- 04	01/23/09	JDE	--
-- 05	10/26/09	JDE	--



Project Name
PJM Terminal Enhancement

Project Number
08.6395.000

CAD File Name
T:\5330101\SHEETS\S02.RP.06.DWG

Description
FRAMING PLAN - ROOF - ZONE 6

Scale
1/8" = 1'-0"

S02.RP.06

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FRAMING PLAN - ROOF - ZONE 6
SCALE: 1/8" = 1'-0"

KEY PLAN

