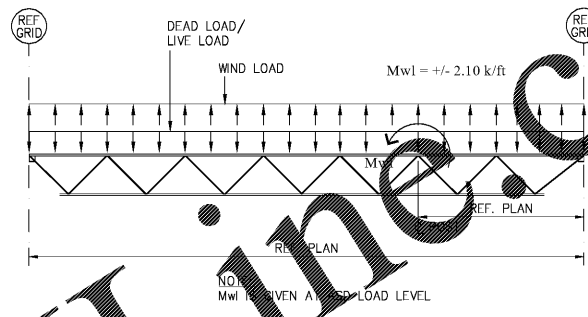
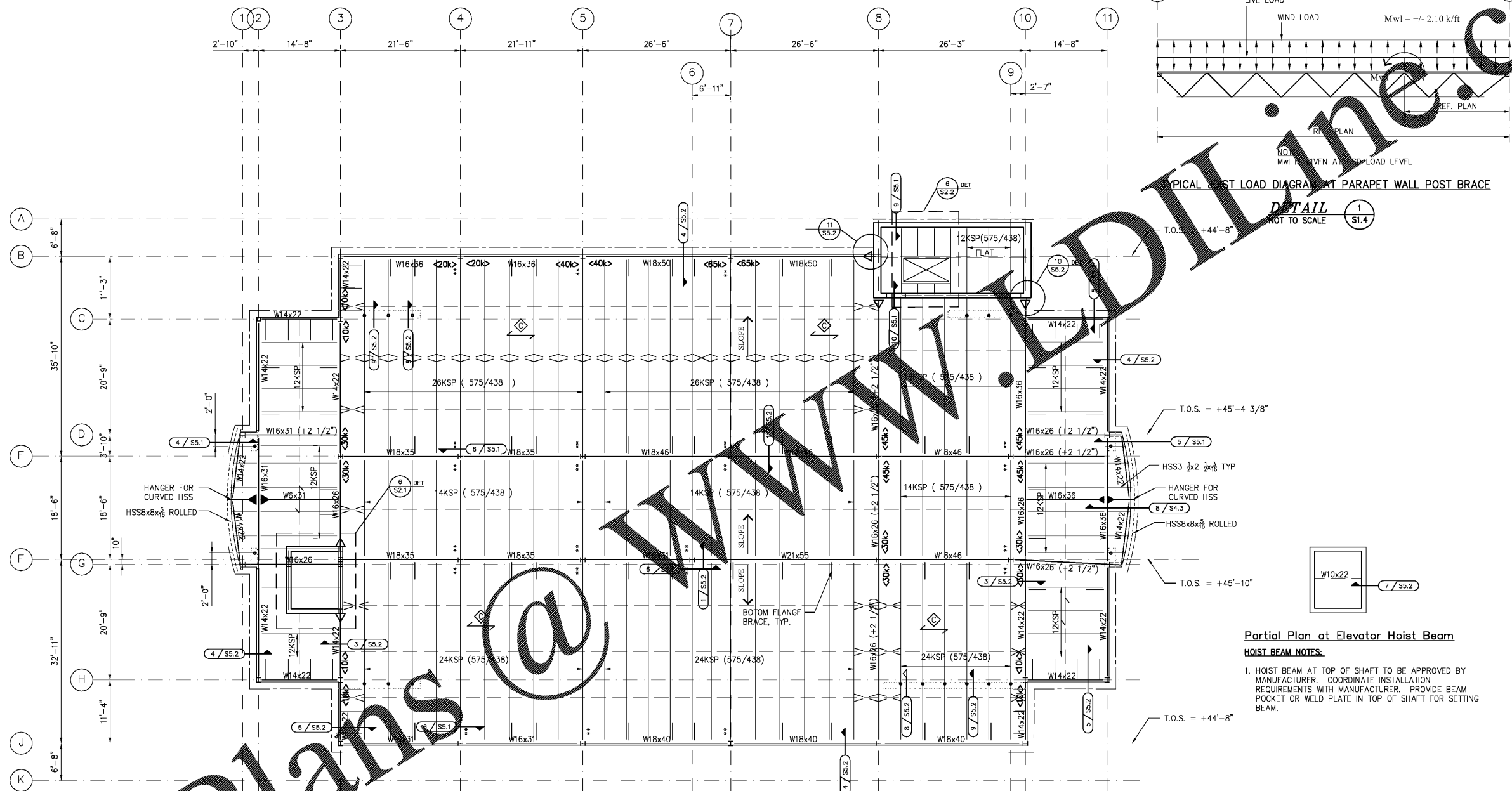


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**DETAIL 1**  
 NOT TO SCALE  
 S1.4



**Partial Plan at Elevator Hoist Beam**  
**HOIST BEAM NOTES:**

1. HOIST BEAM AT TOP OF SHAFT TO BE APPROVED BY MANUFACTURER. COORDINATE INSTALLATION REQUIREMENTS WITH MANUFACTURER. PROVIDE BEAM POCKET OR WELD PLATE IN TOP OF SHAFT FOR SETTING BEAM.

**HOIST "NET UPLIFT" SCHEDULE**

JOIST SPA.	ROOF ZONE 1	ROOF ZONE 2	ROOF ZONE 3
3-19 FT	88.0 PSF	105.0 PSF	113.0 PSF
28 FT	88.0 PSF	99.0 PSF	99.0 PSF
33-36 FT	88.0 PSF	99.0 PSF	99.0 PSF

- NOTES:**
1. REFER TO "WIND PRESSURE DIAGRAM" SHEET S0.1 FOR VARIOUS WIND ZONE LOCATIONS.
  2. REFER TO SCHEDULE FOR ASD LEVEL DESIGN "NET UPLIFT" PRESSURES AT EACH ROOF ZONE. WHEN COMPUTING UPLIFT DESIGN LOADS ON JOISTS, MULTIPLY THE TABULATED "NET UPLIFT" PRESSURE FOR EACH RESPECTIVE ZONE BY THE TRIBUTARY JOIST SPACING.

**ROOF FRAMING PLAN**  
 SCALE: 1/8"=1'-0"  
 TOP OF STEEL ELEVATION= +44'-8" U.N.O.

**TYPICAL METAL ROOF DECK**  
 1 1/2" - 20 GAGE WIDE RIBBED GALV. METAL ROOF DECK. ATTACHED USING 3/8" DIA. PUDDLE WELDS AT SUPPORTS AND #10 TEK SCREWS AT SIDE LAPS.

- NOTES:**
1. ALL OPENINGS IN ROOF DECK SHALL BE FRAMED WITH L4X4X1/4 ON ALL SIDES. REFER TO TYPICAL ROOF OPENING DETAIL.
  2. IN ADDITION TO THE BRIDGING SHOWN ON THE PLAN, PROVIDE AN ADDITIONAL ROW OF BOTTOM CHORD BRIDGING AT FIRST BOTTOM CHORD PANEL POINT FOR UPLIFT.
  3. ALL JOISTS EQUALLY SPACED REFER TO REFERENCE LINES UNLESS NOTED OTHERWISE.
  4. ROOF JOISTS SHALL BE DESIGNED FOR A MAXIMUM LIVE LOAD DEFLECTION OF L/240.

**LEGEND**

- <10> DENOTES AXIAL TENSION/COMPRESSION WIND LOAD (W) TO BE TRANSFERRED THROUGH THE BEAM END CONNECTION. CONNECTION DESIGN TO BE BY CONTRACTOR
- DENOTES JOIST SUPPORTING PARAPET, SEE DETAIL 1/S1.4
- DENOTES HORIZONTAL BRIDGING LOCATION
- DENOTES CROSS BRIDGING LOCATION
- (+2 1/2") RELATIVE TOP OF STEEL ELEVATION
- DENOTES MOMENT END CONNECTION
- DENOTES AXIAL TIE CONNECTION TO WALL
- ← INDICATES DECK ORIENTATION
- \*\* JOIST W/ BIM CHORD EXTENSIONS
- 26KSP ( 575/438 ) INDICATES SPECIAL JOIST DESIGN

DENOTES ASD TOTAL DESIGN LOAD  
 DENOTES ASD LIVE LOAD

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ROOF FRAMING PLAN

S1.4  
 SHEET OF

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