



HI ROOF FRAMING PLAN
3/16" = 1'-0"

NOTES:

1. Top of steel shall be E1, X-X, unless noted otherwise by a 3", 4", or 7" from this elevation. Specified top of steel shall be bottom of roof deck. Roof framing shall slope uniformly between elevations specified.
2. Roof framing is designed for mechanical units as indicated below. Ventilation loadings shall be designed by other qualified professionals (OEs) at units and shall be shown on separate drawings. General Contractor shall check equipment shop drawings to verify that these weights are not exceeded.

Unit	Maximum Operating Weight (Including Roof Curf)	Approximate Dimensions
HVAC-1	1000 pounds	4' x 7' x 4'-6" tall
HVAC-2	1000 pounds	4' x 7' x 4'-6" tall
HVAC-3	1000 pounds	4' x 7' x 4'-6" tall
HV-1	350 pounds	4' x 7' x 4'-6" tall
ROOF EXHAUST FANS	1000 pounds	-

3. All roof joists, including KCS joists, shall have 5" seats.
4. See XX, SSX for typical details at equipment and deck openings.
5. Under no circumstances shall sprinklers (or other piping and equipment) be suspended from metal roof deck. These items shall be connected to bar joists at panel locations or to structural steel beams. See typical details for bar joist reinforcement requirements when equipment hangers do not align with bar joist panel points.
6. See Drawing S10 and S11 for additional notes and requirements.
7. Install bridging where specified. Add additional bridging as necessary to accommodate unit. Bridging shall not be interrupted for ductwork or other components without approval from the Structural Engineers, Inc.
8. See Drawing SS.0, SS.1, SS.2, and SS.3 for required typical details.
9. See Architectural Drawings for dimensions not shown.
10. The perimeter of each mechanical unit shall align with either a joist or a L4x4x8/8 angle below. Joist centerlines may be offset 4" ± (max) from locations specified to accommodate mechanical units where necessary.
11. Curt bottom chord girt bridging designed by joist fabricator (not shown) shall be installed at first panel at each end of each joist.

PRELIMINARY
NOT FOR CONSTRUCTION

UNDER NO CIRCUMSTANCES SHALL THIS DRAWING BE USED TO DEVELOP SHOP DRAWINGS OR FABRICATE NEW MATERIALS.

<p>Drawing Number: S4.3</p>	<p>Drawing Title: ROOF FRAMING PLAN</p> <p>Scale: 3/16" = 1'-0" Date: 10/25/05 PSE Proj. No.: 127-05</p>	<p style="text-align: center;">REVISIONS:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Description:</th> <th>Date:</th> </tr> </thead> <tbody> <tr> <td>Issued for Preliminary Review</td> <td>10/28/05</td> </tr> </tbody> </table> <p>CAD Filename: CWS/Marginal Way/S4.3</p>	Description:	Date:	Issued for Preliminary Review	10/28/05	<p>Owner: BAYSIDE HOLDINGS, LLC 50 PORTLAND PIER SUITE 400 PORTLAND, MAINE 04101</p> <p style="text-align: center;">MULTI-TENANT OFFICE BUILDING</p> <p style="text-align: center;">MARGINAL WAY PORTLAND, MAINE 04101</p>	<p style="font-size: 8px; margin: 0;">The Portland Engineering Group 700 Commercial Street Portland, Maine 04101 Tel: (207) 774-4441 Fax: (207) 774-4016 www.CWSarch.com</p>	<p style="text-align: center;">CWS Architects</p> <p>434 Cumberland Avenue Portland, ME 04101 Phone: (207) 774-4441 Fax: (207) 774-4016 www.CWSarch.com</p>
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