



**1** Roof Plan  
SCALE: 1/4" = 1'-0"

NOTE:  
ROOFING CONTRACTOR SHALL  
COORDINATE ROOF PENETRATIONS  
WITH MECHANICAL CONTRACTOR

**HIGH ROOF CONSTRUCTION:**  
FULL ADHERED EPDM MEMBRANE  
9/16" OSB SHEATHING  
5" POLYISO. RIGID INSUL. (R-38 AVERAGE)  
3/4" ROOF SHEATHING  
WOOD TRUSSES (SEE STRUCT. DWG. S)

FREEZER AND COOLER ROOF BELOW BY  
FREEZER AND COOLER MANUF. ROOF TO  
WALL FLASHING BY ROOFING CONTRACTOR

BUILT-UP WOOD EDGE BLOCKING.  
VERIFY IN FIELD TO DETERMINE  
REQUIRED HEIGHT AS PER TAPERED  
INSUL. THICKNESS REQUIREMENTS  
AT ROOF LOW POINT. PROVIDE EPDM  
EDGE FLASHING AND MTL. FASCIA  
SYSTEM.

EXHAUST FANS ON CURBS  
FOR KITCHEN HOOD. PROVIDE  
CRICKET AS SHOWN. TYP. OF 2

ROOF DRAIN W/ 4'-0" X 4'-0"  
SUMP. PROVIDE TAPERED  
INSUL. AT SUMP THAT SLOPES  
1 1/2" AT ALL SIDES. MIN. INSUL.  
AT LOW POINT = 3 1/2"

SLOPE TAPERED INSUL. 1/2" PER  
TYP. AT CRICKETS

ROOF DRAIN W/ 2'-0" X 4'-0"  
WIDE SUMP. PROVIDE TAPERED  
INSUL. AT SUMP THAT SLOPES  
UP TO 1 1/2".  
MAXIMUM INSUL. THICKNESS  
AT SLOPED TO FLAT ROOF  
TRANSITION SHALL BE 3"

8" +/- (V.L.F.) MTL. FASCIA HT. AT LOW ROOF TO MATCH HT. OF  
FASCIA AT EXISTING DINER. GC TO COORDINATE ROOF  
STRUCTURE HEIGHT/ EDGE BLOCKING HEIGHT, ETC. WITH THIS  
REQUIREMENT.

ROOF DRAIN W/ 4'-0" X 4'-0" WIDE SUMP. PROVIDE TAPERED  
INSUL. AT SUMP THAT STARTS AT 0" AND SLOPES UP TO 1 1/2".

PROVIDE TAPERED INSUL. BETWEEN SUMPS AND FLAT ROOFS  
THAT START AT 1 1/2" TH. AND SLOPES UP TO 3" TH. TYP. OF 4  
LOCATIONS

EPDM FLASHING CUT AND INSTALLED  
AS SHOWN OR AS RECOMMENDED BY INSTALLER TO ACHIEVE A  
NEAT  
APPEARANCE WITH NO BUCKLING  
BETWEEN OPPOSITE CURVING ROOFS.

**LOW ROOF CONSTRUCTION:**  
FULLY ADHERED EPDM ROOF MEMBRANE ALT. #1- PVC  
MEMBRANE  
9/16" OSB SHEATHING  
POLYISO. RIGID INSUL. THICKNESSES AS NOTED  
3/4" ROOF SHEATHING  
WOOD JOISTS (SEE STRUCT. DWG. S)

FLAT ROOFS SHALL HAVE RIGID INSUL. THAT IS 3" THICK.

**EXISTING CURVED ROOF AT DINER:**  
REMOVE EXISTING ROOF SYSTEM DOWN TO EXISTING SHEATHING  
PROVIDE A NEW FULLY ADHERED EPDM ROOF MEMBRANE SYSTEM  
EXISTING SHEATHING TO REMAIN. REPAIR/REPLACE AS REQUIRED.  
ALTERNATE: #1  
PVC MEMBRANE W/ WELDED RIBS. SUBMIT RIB PATTERNS FOR APPROVAL BY ARCHITECT.  
COLOR AS SELECTED BY ARCHITECT

|            |                                                                                                            |
|------------|------------------------------------------------------------------------------------------------------------|
| OWNER:     |                                                                                                            |
| ARCHITECT: | ARCHETYPE, P.A.<br>ARCHITECTS<br>48 Union Wharf Portland, Maine 04101<br>(207) 772-6022 Fax (207) 772-4056 |
| PROJECT:   | MISS PORTLAND DINER<br>MARGINAL WAY, PORTLAND, MAINE                                                       |
| DATE:      | FEB. 25, 2008                                                                                              |
| SCALE:     | 1/4" = 1'-0"                                                                                               |
| DRAWING:   | ROOF PLAN                                                                                                  |
| A.5        |                                                                                                            |