



ROOF DECK - FINISH  
WIDE RIB, TYPE B 22 GA. 1/2"  
M4X22 SPANNING OVER HILL  
DECK TO BE FASTENED UTILIZING  
A 5/8" PATTERN  
SHEETS LAYS FASTENED W/ 40 TR



T.O.B. - 161'-5\"/>

BUILDING DESIGN LOADS PER IRRR BOCA CODE	IMPORTANCE FACTOR: 1.0
SNOW EXPOSURE FACTOR: 1	
WIND	115 PSF
DECK	15 PSF
MECH. & ELEC.	15 PSF
SEISMIC HAZARD EXPOSURE GROUP 1	
SEISMIC PERFORMANCE CATEGORY 2	
R = 5	
Cd = 45	

LIVEST LOADS (ROOF)	42 PSF
DECK	15 PSF
MECH. & ELEC.	15 PSF
COLLATERAL	9 PSF
TOTAL	81 PSF

**STRUCTURAL STEEL**

- STRUCTURAL WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE IRRR BOCA CODE
- STRUCTURAL STEEL WORK SHALL CONFORM TO SPECIFICATION FOR DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS (ASCC CURRENT EDITION), CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS (ASCC CURRENT EDITION) AND STRUCTURAL WELDING CODE (AWS D1.4-97).
- STRUCTURAL STEEL SHALL BE A36 STEEL, CONFORMING TO THE FOLLOWING:
  - ROLLED SHAPES - ASTM A36, 50 KSI
  - WELDED BOLTS - ASTM A325, 50 KSI
  - ANCHOR BOLTS - ASTM A307
  - FLAT IRON, ANGLES, AND CHANNELS - ASTM A36
- ALL BOLTED CONNECTIONS SHALL USE NEN BOLTS AND BOLTS SHALL BE HAND TIGHTENED SECURELY FOR BEARING BOLTS.
- VOIDS BENEATH COLUMN BASE PLATES SHALL BE FORT PACKED WITH NON-SHRINK FILLER TIGHTENED SECURELY BEFORE APPLICATION OF LOADS.
- HELDED CONNECTIONS SHALL BE MADE BY QUALIFIED WELDERS USING FILLER METRIAL CONFORMING TO ETOXX.
- PROVIDE TEMPORARY ERECTION BRACING TO HOLD STRUCTURAL STEEL FRAMING SECURELY IN PLACE UNTIL MAIN BRACING WITH ROOF DECK WALLS AND PERMANENT LATERAL BRACING ARE FULLY INSTALLED.
- STRUCTURAL STEEL SHALL BE TRUE AND FLAT BEFORE CONNECTIONS ARE FINALLY BOLTED OR WELDED.
- FIELD CUTTING OF STRUCTURAL STEEL OR ANY MODIFICATIONS SHALL NOT BE MADE WITHOUT APPROVAL BY ENGINEER.
- ALL STRUCTURAL STEEL TO BE SHOP PRIMED GRAY.
- ALL CONNECTIONS TO BE DESIGNED BY FABRICATOR USING AN ENGINEER LICENSED IN THE STATE OF MAINE.
- ALL BOLTED CONNECTIONS TO HAVE HILL TWO (2) 3/4\"/>

PROJECT:  
**BAYSIDE OFFICE BUILDING**  
PORTLAND, ME

**ROOF FRAMING PLAN**



REVS:


DATE:	10/11/01
SCALE:	SEE PLAN
DRAWN BY:	DRB
SHEET:	

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