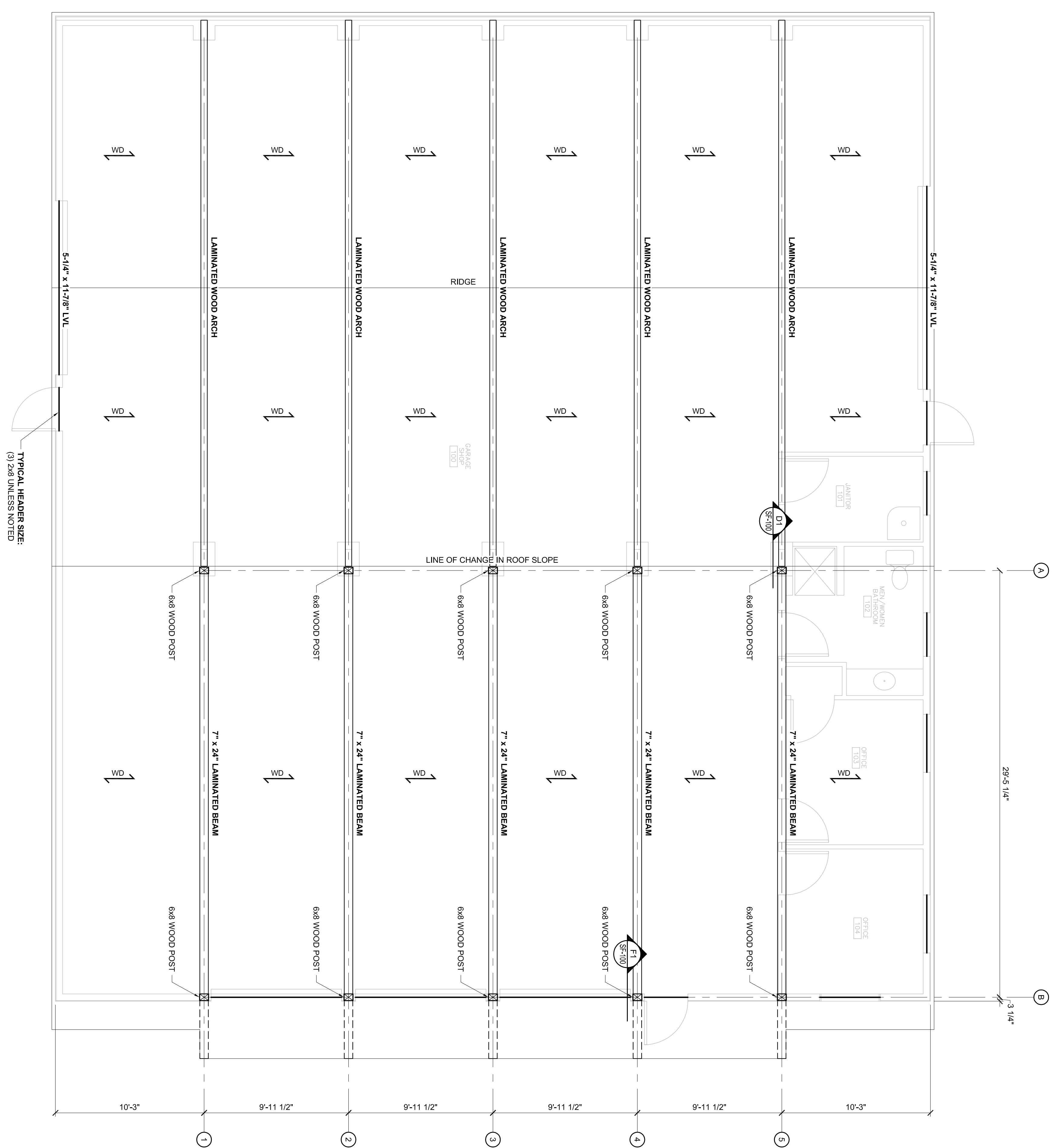


F1
DETAIL
3/4" = 1'-0"

D1
DETAIL
3/4" = 1'-0"

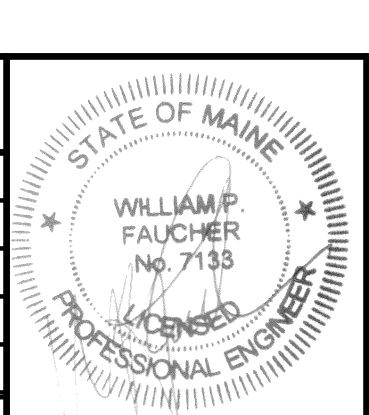
1. MINIMUM LOADING REQUIREMENTS:
 - A. ROOF LOADS: (EXCEPT AT DRIFTING SNOW LOCATIONS AND THOSE LISTED BELOW)
LIVE (SNOW) LOAD: 88.0 (ADJUSTED) P.S.F.
DEAD LOAD: 20.0 P.S.F.
 - B. MISCELLANEOUS CONDITIONS:
COORDINATE WITH GENERAL CONTRACTOR FOR LOCATIONS AND SPECIFIC LOADS.
 - C. FLOOR SLAB: 150 PSF LIVE LOAD
2. WIND LOADS:
 - A. FACTORS:
BASE WIND SPEED: 65 MPH EXPOSURE CATEGORY: "C"
RAISED WIND SPEED: 75 MPH BUILDING HEIGHT: 20'
IMPORTANCE FACTOR: 1.00
 - B. SEISMIC LOADS:
SEISMIC USE GROUP: I
SEISMIC DESIGN CATEGORY: "C"
SEISMIC DESIGN CATEGORY: "C"
OCCUPANCY IMPORTANCE FACTOR: 1.25
S_s = 0.3689
S₁ = 0.0989
S₂ = 0.0989
S_{M1} = 0.2289
S_{M2} = 0.2289
3. ROOF DECKING:
 - INDICATES SPAN OF 2'-3/4" TONGUE AND GROOVE WOOD DECKING
 - DECKING SHALL BE CONTROLLED RANDOM LAYOUT (2 SPAN) MINIMUM 4'-0" JOINT SPACING. FASTEN DECKING TO SUPPORTS WITH (2) 16d NAILS ON GROOVE SIDE OTHER SIDE: 17d NAIL.
4. LOADS ARE UNFACTORED AND ALLOWABLE STRESS INCREASE OF 1/3 MAY BE USED IN ACCORDANCE WITH THE 1989 BOCA NATIONAL BUILDING CODE.
5. ALL SILL PLATES SHALL BE DOUBLE 2x FASTENED TO FOUNDATION WITH 1/2" ANCHOR BOLTS AT 4'-0" O.C. UNLESS OTHERWISE NOTED. PLATE IN CONTACT W/ CONCRETE SHALL BE PRESERVATIVE TREATED LUMBER. ANCHOR BOLTS SHALL FASTEN BOTH PLATES TO TOP OF CONCRETE WALL.
6. ALL OPENINGS IN WOOD FRAMED WALLS SHALL HAVE A MINIMUM OF (2) JACK STUDS ON EACH END, UNLESS OTHERWISE NOTED.
7. COMPOSITE LUMBER BEAM AND PREFABRICATED WOOD JOIST MANUFACTURER SHALL PROVIDE ALL WEB STIFFENERS, BLOCKING, PANELS, BRACING AND TOP BEARING HANGERS AS REQUIRED FOR MAXIMUM PERFORMANCE OF THE ENTIRE FRAMING SYSTEM.
8. ALL COMPOSITE LUMBER BEAMS AND CONVENTIONAL FRAMING LUMBER EXPOSED TO THE WEATHER SHALL BE PRESURE TREATED.
9. ALL PLYWOOD TO CONFORM TO THE LATEST FDS STANDARDS.

A1
STRUCTURAL NOTES



A4
ROOF FRAMING PLAN
1/4" = 1'-0"

REVISIONS				
NUMBER	DATE	BY	DESCRIPTION	



Allied Engineering
Structural Mechanical Electrical Commissioning

160 Veranda Street
Portland, Maine 04103
T: 207.221.2260
F: 207.221.2266
Web: www.allied-eng.com

SF-100

STRUCTURAL ~
ROOF FRAMING PLAN

HARDY POND BUILDING NO. 10
1039 RIVERSIDE STREET
PORTLAND, MAINE

Date: 07/23/2007
Drawn By: PED
Checked By: WPF
Project Mgr: WPF
Project No: 05090
Cad File: 05090.DWG
Graphic Scale: 0 1"

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