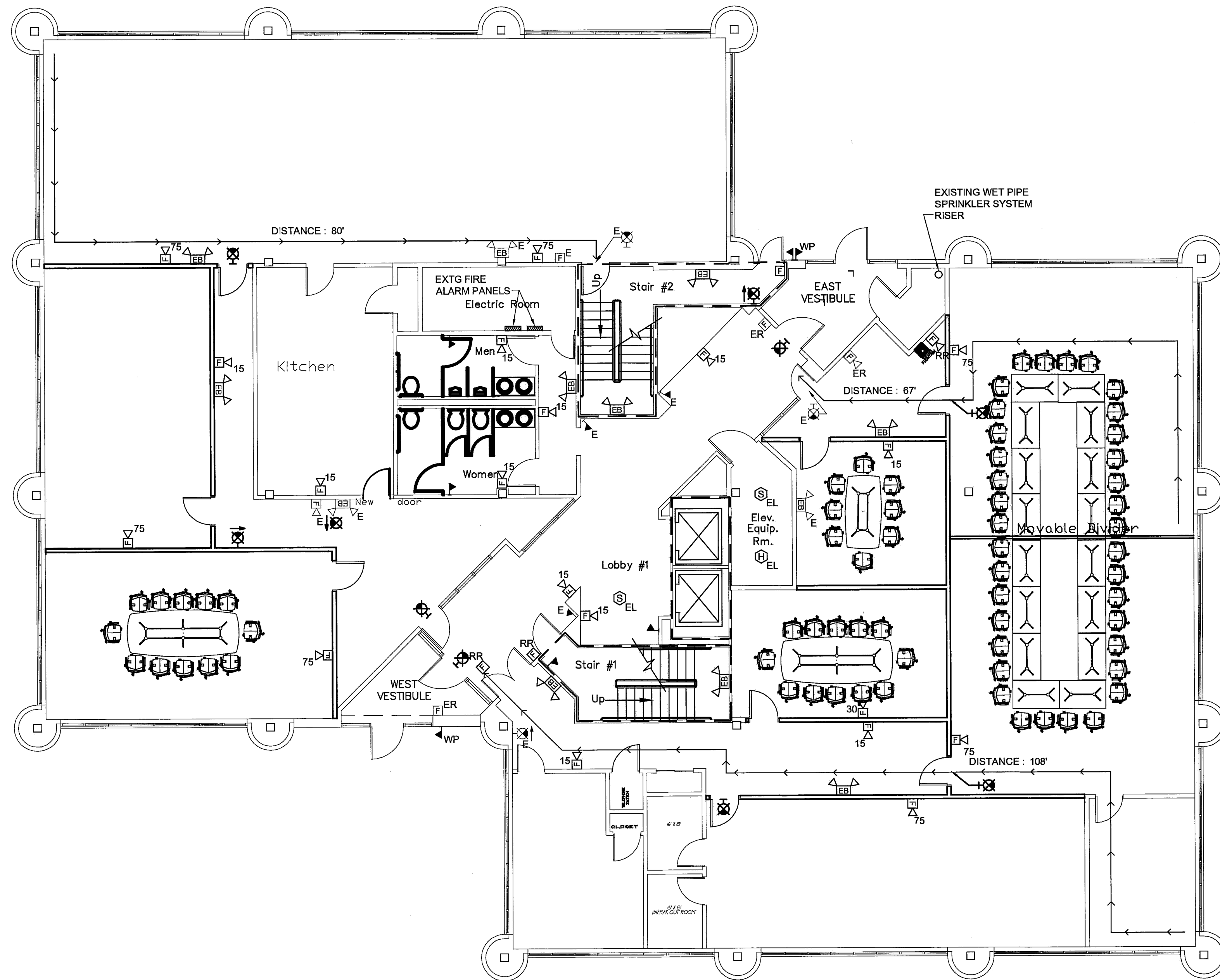


10/21/2010 8:06 AM I:\3601-3700\362600 MPHC MOB HVAC RENOVATIONS\2 DESIGN\DWGS\BLDG MPHC MOB HVAC RENOVATIONS\SHEETS\3626.00-G1003 CODE COMPLIANCE PLAN.DWG KYLE MAHAR



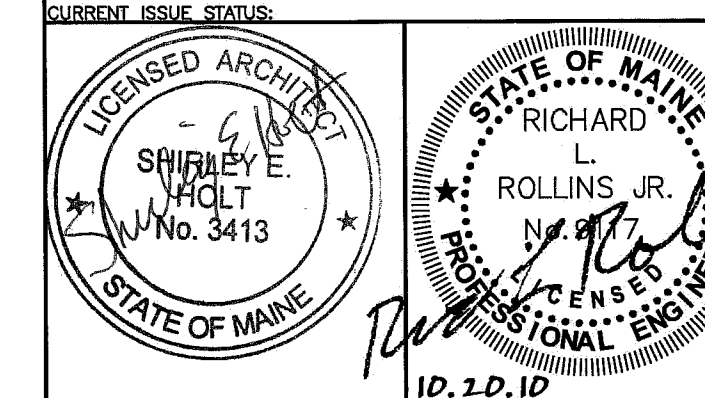
Code Reviewed:	ISC: 2009 NFPA 101 2009	NFPA 101	Governing Provisions	Project Conditions
General:	Chapter 3 Group B - Business	Chapter 3B New Business Occupancies		
Use Group	Table 603 Type IIB	Type IIB		
Height and Area Limitations	Table 503 Height: 4 Stories (tabular) + 1 story (sprinkler increase) 15 feet (tabular) + 20 feet (sprinkler increase) Area: 23,000 SF (tabular area per floor) + 46,000 SF 200% sprinkler increase 69,000 SF total allowed per floor Fully Sprinklered	N/A	Table 503 Height: 4 Stories (tabular) + 1 story (sprinkler increase) 15 feet (tabular) + 20 feet (sprinkler increase) Area: 23,000 SF (tabular area per floor) + 46,000 SF 200% sprinkler increase 69,000 SF total allowed per floor	
Fire Protection System				
Occupant Load	100 SF gross per occupant maximum allowed - Business Occupancy.	100 SF per occupant		100 SF gross per occupant maximum allowed
Egress Capacity	Stairways, 0.3" per occupant w/ sprinkler Other than stairways, 0.2" per occupant w/ sprinklers	Stairways, 0.3" per occupant. Level components and ramps, 0.2" per occupant.	Stairways, 0.3" per occupant w/ sprinkler Other than stairways, 0.2" per occupant	
Egress Width	Section 1008.32 minimum 32" minimum	32" minimum clear width 30" minimum	32" minimum clear width 44" minimum, 30" minimum with occupant load > 50	
Corridors	Section 1016.2.4.4 minimum, 36" minimum with occupant load > 50	36" minimum	36" minimum	
Common Path of Travel	300 feet maximum per Section 1016.3	300 feet maximum	300 feet maximum	
Dead End Corridor	50 feet maximum per Section 1016.4	50 feet maximum	50 feet maximum	
Exit Access Travel Distance	Section 1016.4 and Table 1016.5 w/ sprinkler system, 300 ft maximum	Section 1016.4 and Table A.7.6 300 feet with sprinkler system	300 ft maximum	
Means of Egress	2 exits required per Table 1015.1 except 1 exit allowed from spaces where the occupant load is < 50 and the common path of travel is not exceeded (Section 1015.1)	2 exits required or 1 exit required from any story or section provided that the exit can be reached within the distance permitted as a common path of travel.	1 exit required from first floor 2 exits required from second and third floors	2 exits provided
Exit Separation	Section 1015.2.1(E) Where more than one exit is required the separation distance of the exit doors or exit access doorways shall not be less than one-third of the length of the maximum overall diagonal dimension of the area served.	Section 7.5.1.3 In buildings protected throughout by an approved, supervised automatic sprinkler system, the min. separation distance between two exits or exit access doors shall be not less than one-third the length of the maximum overall diagonal dimension of the building or area being served.	One-third of the length of the maximum overall diagonal dimension of the area served.	Diagonal = Distance between exit access doors =
Fire Resistance Ratings - Building Elements	Type IIB 0 hr. - Structural frame 0 hr. - Exterior bearing walls 0 hr. - Interior bearing walls - Exterior nonbearing walls and partitions (See Table 602) 0 hr. - Interior nonbearing walls and partitions 0 hr. - Floor construction 0 hr. - Roof construction	No minimum construction requirements	Type IIB 0 hr. - Structural frame 0 hr. - Exterior bearing walls 0 hr. - Interior bearing walls - Exterior nonbearing walls and partitions (See Table 602) 0 hr. - Interior nonbearing walls and partitions 0 hr. - Floor construction 0 hr. - Roof construction	
Incidental Use Areas	1 hr. or automatic fire-extinguishing system. Rooms with any boiler over 15 gal. and oil-burner. Storage rooms > 100 square feet. Waste and linen collection rooms over 100 square feet.			
Stairways	Section 1002 Exit stairway enclosures shall be enclosed with minimum 2-hour fire rating when serving 4 stories or more and not less than one hour where connecting less than 4 stories. Section 1002.3 Openings into stair enclosures shall be protected and limited to those necessary for egress.		One hour rated walls	Two hour rated walls Existing
Corridors	Section 1017.1 and Table 1017.1 A corridor shall have a fire resistance rating of 0 hours when equipped throughout with an automatic sprinkler system.	Section 38.3.6 Exit access corridors shall be 1-hour rated. E2 in buildings protected throughout with an approved, supervised automatic sprinkler system the corridor walls shall not be required to be rated. Table 705.4, Note 4. 2-hour rated		
Fire Walls - Building Area	First Floor: Existing: 9,592 SF Second Floor: Existing: 10,578 SF Third Floor: Existing: 10,561 SF			
Building Occupant Loads	36 occupants - First Floor 106 occupants - Second Floor 106 occupants - Third Floor			

NOTES:

- 2 HR WALL
- *ALL CEILINGS ARE 2X2 ACOUSTIC PANEL CEILING
- *ALL NEW WALLS ARE 3 5/8" METAL STUDS W/ 5/8" GWB EACH SIDE EXTEND 6" ABOVE CEILING.

0	CONSTRUCTION DOCS	10.20.10
REV.	DESCRIPTION	DATE

CONSTRUCTION DOCUMENTS
10.20.10



MARTIN'S POINT HEALTH CARE
NORTHPORT PLAZA HVAC
RENOVATIONS
PORTLAND, ME

CODE COMPLIANCE FIRST FLOOR PLAN

SHEET TITLE:	3626.00 - G1003
WBRC CAD FILE:	
PROJECT No.:	3626.00
SCALE:	AS NOTED
DATE:	RLR
DRAWN BY:	
A/E OF RECORD:	

ELECTRICAL LEGEND

- ALL DEVICES, FIXTURES, ETC. SHALL BE NEW UNLESS DESIGNATED WITH THE FOLLOWING TAGS:
- E EXISTING TO REMAIN
 - ER EXISTING RELOCATED
 - NR NEW TO REPLACE EXISTING IN EXISTING LOCATION
 - RR EXISTING TO BE REMOVED
 - RR REMOVE & RELOCATE EXISTING
 - ☒ CEILING MOUNTED EXIT SIGN - ARROW INDICATES DIRECTIONAL ARROW ON SIGN
 - ☒ WALL MOUNTED EXIT SIGN - ARROW INDICATES DIRECTIONAL ARROW ON SIGN EMERGENCY LIGHTING
 - ☒ BATTERY PACK WITH EMERGENCY LAMPS AS SHOWN
 - ☒ REMOTE EMERGENCY LAMP LIGHT FIXTURES
 - ☒ WALL MOUNTED FIRE ALARM SYSTEM MANUAL PULL STATION
 - ☒ FIRE ALARM SYSTEM WALL MOUNTED AUDIO/VISUAL DEVICE WITH VISUAL DEVICE CANDELA RATING AS NOTED

A1 CODE COMPLIANCE FIRST FLOOR PLAN

1/8" = 1'-0"

G1003

© COPYRIGHT 2010 WBRC