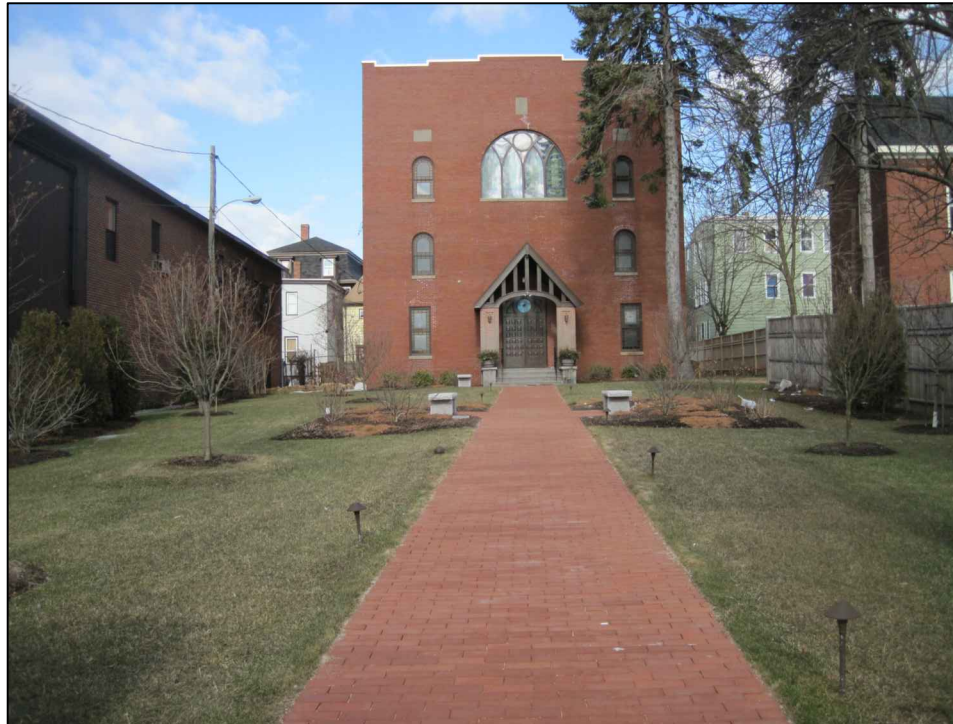


GENERAL NOTES

- All work shall be in accordance with IBC 2009 by ICC, 2009 NFPA 101 Life Safety Code, 2010 ADA Standards for Accessible Design, Maine Uniform Building Code, NFPA-70 National Electric Code, NFPA 54 National Fuel & Gas Code, NFPA 96, and any other NFPA codes applicable to Mechanical, Electrical or HVAC installation. Maine State Plumbing Code, ASHRAE, ASTM, UL (Underwriters Laboratories) and all local, State and Federal requirements.
- All applicable Federal, State and Municipal regulations shall be followed, including the Federal Department of Labor Occupational Safety and Health Act (OSHA)
- All required City and State permits must be obtained before any construction begins.
- It is the contractor's sole responsibility to determine erection procedures and sequence to ensure the safety of the building and its components during erection. This includes the addition of necessary shoring, sheeting, temporary bracing, guys or tie-downs. Such material shall remain the property of the contractor after completion of the project.
- All fire ratings indicated shall be continuous to underside of roof deck/floor as indicated. Seal all openings & mechanical penetrations with approved fire safing material and/or rated fire dampers as applicable.
- Entire Building shall be equipped with Supervised Automatic Sprinkler Sytem in accordance with NFPA 13. Sprinkler Contractor shall submit plans of sprinkler layout to State Fire Marshal Office for approval prior to construction in accordance with State Law.
- All egress doors shall have positive self-closer and latch mechanisms with lever handles or panic hardware meeting standards as specified in the 2010 ADA & 2009 NFPA-101 codes. (Refer to A13 -Door Schedule)
- The fire alarm system shall be initiated upon operation of the automatic sprinkler system in addition to manual initiation.
- Emergency lighting shall be provided for not less than 1 1/2 hour in the event of power failure. Emergency lighting facilities shall be so arranged to provide initial illumination that is not less than an average of 1 Ft candle (10.8 Lux) and at any point not less than 0.1 Ft candle (1.1 Lux) measured along the path of egress at floor level.
 - Emergency power system for lighting shall be at least Type 10, Class 1.5, Level 1 in accordance with NFPA 110.
 - Unit equipment and battery system for emergency luminaires shall be listed to UL 924.
 - Emergency lighting shall be either continuously in operation or shall be capable of repeated automatic operation without manual intervention.
- Kitchen cooking equipment shall be either portable-not flue connected or equipment used only for food warming. Any other cooking equipment shall be protected and comply with NFPA 96.
- Kitchen counter/cabinet designs are by others. Conform to applicable 2010 ADA requirements.
- Mechanical, Electrical, Plumbing, Heating, Ventilating and Air Conditioning Engineering Design by others. Coordination with Architectural plan by G.C. Obtain necessary Permits and Conform to applicable codes.
- Furniture layout, Equipment and Interior finishes by others.
- Dimensions shown are approximate and are measured to the face of stud walls (u.n.o.). Contractor shall verify actual dimensions and locations of existing structural elements, exterior windows and floor elevations in the field prior to placement of walls and slabs.
- Glazing at all interior walls and exterior walls shall meet criteria for safety glass installation in accordance with section 2406 of the IBC 2009 code.

Glazing less than 18" above finished floor and within 24" of door (less than 60" above floor) and glazing within 36" horizontally of walking surface requires safety glazing.

Safety glazing is not required for the following installation:
 A protective bar 1 1/2" or more in height capable of withstanding a horizontal load of 50 pounds without contacting the glass, is installed on the accessible sides of the glazing 34" to 38" above the floor.
- Building Additions shall be located by Registered Land Surveyor in accordance with Boundary Survey by Owen Haskell Associates and Site Plan (3 sheets) by Sebago Technics dated 01-22-2013. General Contractor shall confirm dimensions to be field verified indicated on Architectural/Structural Plans and notify Architect/Engineer of any discrepancies prior to forming or erection.
- Existing Stairs A & B indicated on drawings consist of 8" risers, 11" treads, 1" nosings, and handrails one side only. Existing guards shall be 42" minimum above the walking surface (all open sides exceeding 30" above the floor require Guards) and the existing handrails shall be not less than 30" nor more than 38" above the walking surface. Verify these conditions exist in the field and contact Architect if there are any modifications or additions necessary.
- For Wall & Ceiling Types - See Drawing A12
- For Restroom enlarged plans and elevations - See Drawing A14
- For Door Schedule - See Drawing A13
- Refer to drawing LS2 for Life Safety Summary



2009 INTERNATIONAL BUILDING CODE (IBC) ANALYSIS

- Occupancy Classification - Assembly Group A-3 ; Places of Religious Worship
- Construction Type V - Three story existing wood frame
- Fire resistive Separation for exterior walls: Assembly Use (distance to property line 5ft to 10ft)
 - 1 Hour fire resistance rating (Table 602)
- Entire Building shall be equipped with Supervised Automatic Sprinkler Sytem in accordance with NFPA 13 - *Standards for the Installation of Sprinkler Systems*. Sprinkler Contractor shall submit plans of sprinkler system to State Fire Marshal Office for approval prior to construction in accordance with State Law.
- Fire & Smoke Protection Features
 - Fire Walls: 1 Hour fire resistance rating for all egress access corridors, egress stairs, areas of rescue assistance, exterior walls (5-10 distance to property line).
 - 2 Hour Elevator Shaft Enclosure
- Portable Fire Extinguishers - Class A Fire Hazards
 - Mount max. 54" to top
 - Minimum 2-A rated single extinguisher; light (low) hazard
 - Maximum floor area per unit of A 3000 S.F.
 - Maximum floor area for extinguisher 11,250 S.F.
 - Maximum travel distance to extinguisher 75 Ft.
 - Class K rated single extinguisher in kitchen/cooking area
- Accesible Means of Egress
 - Minimum two exits required from any room or space with more than 49 occupants.
 - Stairs: Area of Refuge not required [1007.3(3)]
Elevator: Area of Refuge not required [1007.4(2)]
 - Egress exit doors serving 50 occupants or more shall be equipped with horizontal panic bar or push pad type (refer to schedule)
- Occupant Load
 - Fixed seating without dividing arms
One person for each 18 inches of seat length
 - Assembly without fixed seating
Unconcentrated (tables & chairs) 15 S.F. Net per occupant
Stages, platforms etc.
 - Every room or space that is an assembly occupancy shall have occupant load posted with permanent sign in conspicuous place near main exit [1004.3]

- Stairs
 - Existing stairs : 11" Treads
8" Riser
Handrails minimum one side
 - New stair: 11" Treads (min)
7" Riser (max)
Handrails both sides, continuous at center wall
Minimum Tread width - 44 inches

10. Illumination of Means of Egress:

Emergency light required at all exit stairs, aisles, corridors and passageways leading to an exit. continuous during the time that the conditions of occupancy require the means of egress be available for use.

11. Marking of Means of Egress:

Illuminated exit signage other than main exterior door clearly identifiable as an exit.

Illuminated exit signage (directional) where the continuation of the egress path is not obvious.

Tactile EXIT signage (raised letters) at each exit door requiring an exit sign, braille with required "AREA OF RESCUE ASSISTANCE" SIGN and audio visual communication station (see plans) in accordance with the *American National Standard for Accessible and Usable Buildings and Facilities*. Portland Fire Dept. shall approve locations of upper floor level two-way communication stations.

12. Energy Efficiency

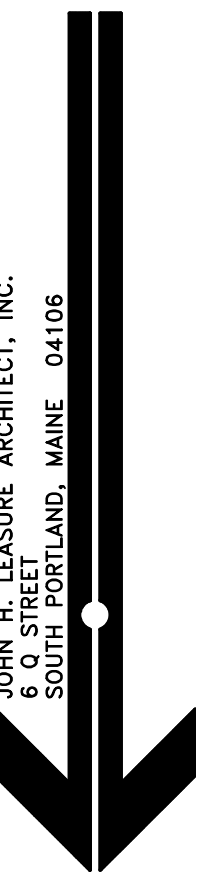
Comply with *Maine Uniform Energy Code (MUEC)* and 2009 International Energy Conservation Code (IECC)

ABBREVIATIONS

CONC.	CONCRETE
COL	COLUMN
GYP.	GYPHUM
TYP.	TYPICAL
VIF	VERIFY IN FIELD
UON	UNLESS OTHERWISE NOTED
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
DWGS	DRAWINGS
STR	STRUCTURAL
BD	BOARD
SF	SQUARE FEET
W/	WITH
MIN	MINIMUM
MAX	MAXIMUM
COORD	COORDINATE
EXIST	EXISTING
DN	DOWN
@	AT
O.C.	ON CENTER
R.O.	ROUGH OPENING
M.O.	MASONRY OPENING
E/ELEV	ELEVATION
CLG	CEILING
F.C.	FIRE CODE
FRT	FIRE RETARDANT TREATED
XPS	EXTRUDED POLYSTYRENE
GC	GENERAL CONTRACTOR
PT	PRESSURE TREATED
CL	CENTER LINE



REV.	DATE	STATUS
0	4-8-13	STATE FIRE MARSHAL SUBMISSION
2	4-25-13	ISSUED FOR PERMIT
3	7-02-13	REVISED



FTZ CHAIM SYNAGOGUE
267 CONGRESS STREET
PORTLAND, MAINE

GENERAL NOTES

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