LIGHT GAGE METAL FRAMING:

1. Acceptable light gage Manufacturer: Dietrich or approved equal.
2. The extent of the work for the exterior metal stud wall system is detailed on the Architectural drawings. These notes shall be worked in conjunction with those drawings and the specifications.
3. The following specifications and publications shall be followed.
   a) American iron and steel institute cold form design manual, specification for the design of cold form steel structural members – latest edition.
   b) American society for testing and materials (ASTM).
   c) American institute of steel construction Manual of Steel Construction – 9TH Edition.
4. Provide channel shaped studs, joists, runners, tracks, blocking, clip angles, shoes, reinforcements, fasteners and other accessories required for a complete framing system.
5. Fabrication of light gage steel shall conform with requirements of ASTM A446 with the following minimum yield points (Fy):
   a) 14 gage. – Fy = 50,000 Psi
   b) 16 gage. and heavier – Fy = 50,000 psi (Grade D)
   c) 18 gage. – Fy = 33,000 Psi (Grade A)
   d) 20 gage. – Fy = 33,000 PSI (Grade A)
   e) 12 or 14 gage slip track – Fy = 50,000 psi
   f) 16 gage track – Fy = 33,000 psi
   g) 18 gage accessories – Fy = 33,000 psi
6. Manufacturer of studs, runners, tracks and other framing members shall comply with ASTM C955.
7. Framing components and accessories shall be galvanized per ASTM A525 minimum G90 coating.
8. Screws and other attachment devices shall have a protective coating equivalent to cadmium or zinc plating and shall comply with ASTM A165 Type NS. self tapping screws shall be of the minimum diameter as indicated on the design drawings for each specific attachment detail. Penetration through joined materials shall not be less than three exposed threads.
9. Standard steel shapes, plates, etc. shall conform to the material and finish specifications under Division 5.
10. Securely anchor studs in track to floor construction and overhead structure only where shown.
11. Complete bearing on supports shall be maintained forn studs in axially loaded assemblies.
12. Wire tying of members is not permitted.

TYPICAL INTERIOR ELEVATION - NEW OPENING
1/4" = 1'-0"

SECTION 1 / S1
3/4" = 1'-0"

SECTION 2 / S1
3/4" = 1'-0"

SECTION 3 / S1
1 1/2" = 1'-0"

TYP. SLIP TRACK STIFF DETAIL (A / S1)
N.T.S.

TYP. WINDOW OPENING (DOOR SIM)
N.T.S.

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STATE OF MAINE JOSEPH H. LEASURE No. 6242 LICENSED PROFESSIONAL ENGINEER

Expiration Date: 12/21/15

rev.	date	description	appr'd

designed by: JHL
drawn by: JML, RJW
checked by: JHL
scale: AS NOTED
date: 07/08/2014
plot date: 07/08/2014
project #: 2014-096

BUILDING LOCATED AT
380 CUMBERLAND AVENUE
PORTLAND, MAINE

EXTERIOR LIGHTGAUGE METAL FRAMING
INTERIOR ELEVATION, SECTIONS, AND DETAILS

S1