GENERAL NOTES:

1. The notes on the drawings are not intended to replace specifications. in addition to general notes. See specifications for requirements
2. Structural drawings shall be used in conjunction with job specifications and architectural, mechanical, electrical, plumbing, and site drawings. Consult, openings, chases, inserts, reglets, sleeves, depressions, and other details not shown on structural drawings.
3. All dimensions and conditions must be verified in the field. Any discrepancies shall be brought to the attention of the engineer before proceeding with the affected part of the work.
4. Do not scale plans.
5. Sections and details shown on any structural drawings shall be considered typical for similar conditions.
6. All propietary products shall be installed in accordance with the manufacturers written instructions.
7. The structure is designed to be self supporting and stable after the erection is complete. It is the contractor's sole responsibility to determine erection procedures and sequencing to ensure the safety of the building and its components during erection. This includes the addition of necessary shoring, sheeting temporary bracing, guys or tiedowns. Such material shall remain the property of the contractor after completion of the project.
8. All applicable federal, state, and municipal regulations shall be followed, including the federal department of labor occupational safety and health act.

DESIGN LOADS:

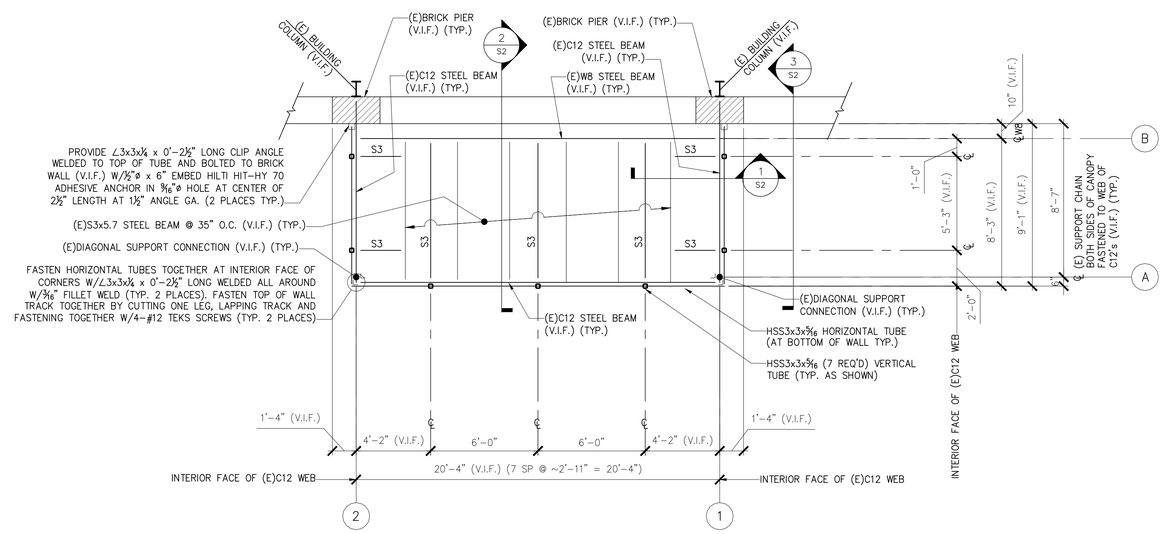
1. Building code: IBC (2009) International Building Code.
2. Design Live Loads: (Ground Snow load = 50 psf)
   Roof ..... 45 psf + snow drift as applicable
3. Design wind loads are based on exposure C using 100 mph basic wind speed.
4. Seismic Design per IBC 2009.

STRUCTURAL STEEL NOTES:

1. Structural steel fabrication, erection, and connection design shall conform to AISC "Specification for the design, fabrication, and erection of structural steel"–Ninth edition.
2. Structural steel:
   a) Structural steel shall conform to ASTM A–36 (or ASTM A992; Fy = 50 ksi as noted in plan).
   b) Structural tubing shall conform to ASTM A–500 GR–B
   c) Structural pipe shall conform to ASTM A–53, TYPE E OR S
3. The fabricator shall design connections for the reactions shown on the drawings or the maximum end reaction that can be produced by a laterally supported uniformly loaded beam for each given beam size and span.
4. Field connections shall be bolted using 3/4" diameter ASTM A325 high strength bolts except where field welding is indicated on the drawings.
5. All welding shall conform to AWS D1.1–Latest edition. Welding electrodes shall be E70XX.
6. Structural Steel Primer Paint. TNEMEC 10–99 Alkyd rust inhibitive primer, 2.0 to 3.5 mils dry thickness, or approved alternate.
7. Structural Steel Top Coat for steel permanently exposed to view. TNEMEC series 2 TNEMEC–GLOSS Enamel, 3.0 to 5.0 mils dry thickness, or approved alternate.

LIGHT GAGE METAL FRAMING:

1. Acceptable light gage Manufacturer: Dietrich or Marino
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.
   c) American institute of steel construction Manual of Steel Construction – Latest Edition.
4. Fabrication of light gage steel shall conform with requirements of ASTM A446 with the following minimum yield points (Fy):
   a) 16 gage. and heavier – Fy = 50,000 psi (Grade D)
   b) 18 gage. – Fy = 33,000 Psi (Grade A)
   c) 20 gage. – Fy = 33,000 PSI (Grade A)
5. Manufacturer of studs, runners, tracks and other framing members shall comply with ASTM C955.
6. Framing components and accessories shall be galvanized per ASTM A525 minimum G60 coating.
7. 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.
8. Standard steel shapes, plates, etc. shall conform to the material and finish specifications under Structural Steel Notes.



ENTRY MARQUEE CANOPY FRAMING PLAN

1/4" = 1'-0"

NOTES:
1. SEE GENERAL NOTES ON DWG S1.
2. "E" INDICATES: EXISTING CONDITIONS, OR MEMBERS.
3. "TYP." INDICATES: TYPICAL (ALSO SEE GENERAL NOTE #5).
4. "V.I.F." INDICATES: G.C. SHALL "VERIFY IN FIELD" EXISTING DIMENSIONS, ELEVATIONS, OR CONDITIONS INDICATED AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
5. "U.O.N." INDICATES: UNLESS OTHERWISE NOTED.
6. "S.S." INDICATES: STAINLESS STEEL.
7. "S3" INDICATES: INSTALL NEW S3x5.7 STEEL JOIST/MEMBER (SEE SECTION 1/S1 & 2/S1) (TYP.)

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

Reviewed for Code Compliance
Inspection Division
Department of Building Safety
Date: 08/08/17

rev.	date	description	appr'd
0	4/12/17	FOR CONSTRUCTION	JHL

designed by: JHL
drawn by: RJW
checked by: JHL
scale: AS NOTED
date: 02/10/2016
plot date: 04/12/2017
project #: 2015-191

STATE THEATER
609 CONGRESS STREET
PORTLAND, MAINE

ENTRY MARQUEE CANOPY RESTORATION
GENERAL NOTES AND ENTRY MARQUEE FRAMING PLAN

S1