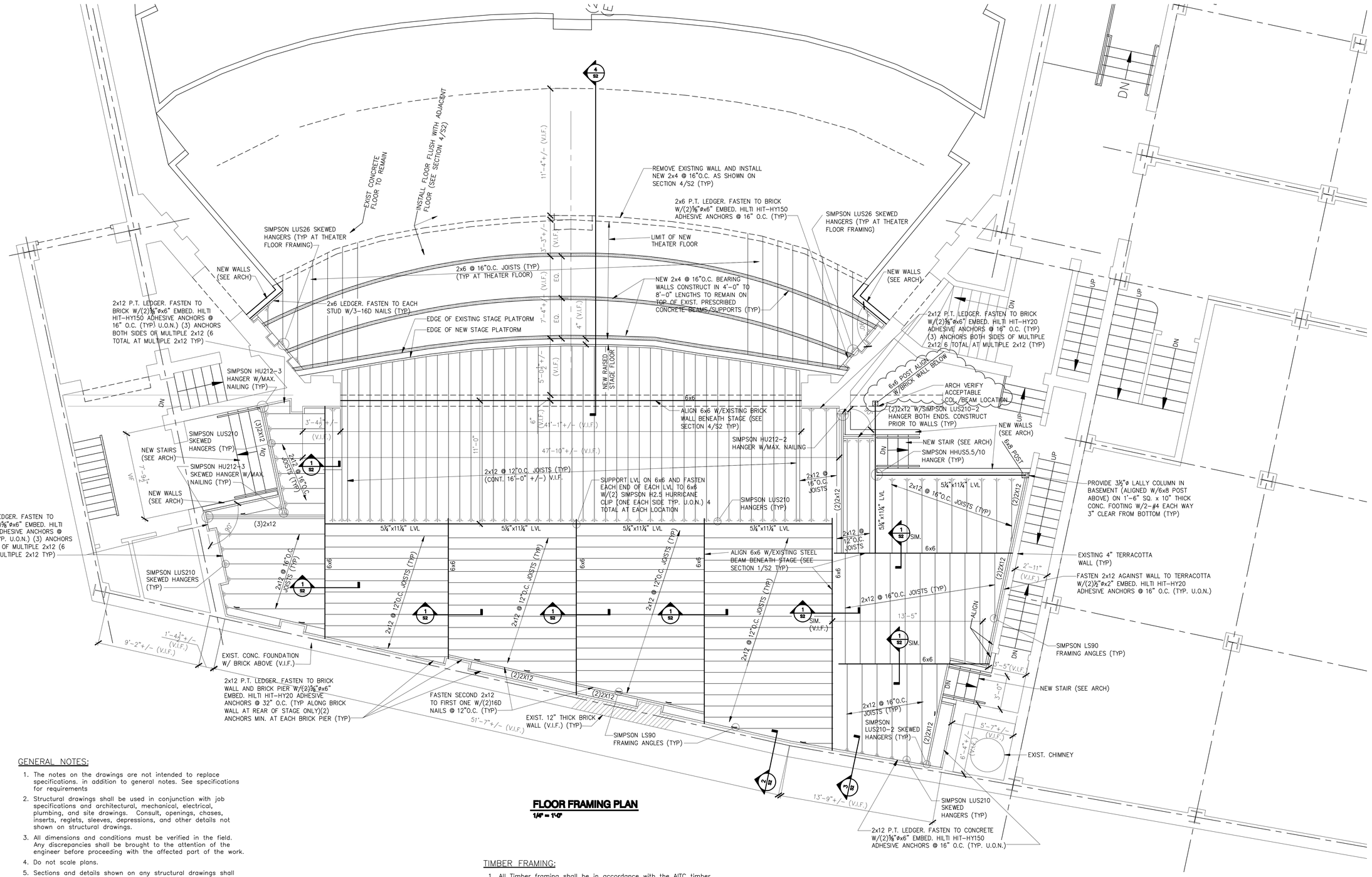


## FLOOR FRAMING PLAN

1/4" = 1'-0"

### 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 (2003) International Building Code.
2. Design Live Loads:

| | |
|---|---|
| Common areas and corridors. | 100 psf |
| Stairs & exit ways | 100 PSF |
| Stage floor | 125 PSF |
| Assembly areas | 100 PSF |

3. Seismic Design per IBC 2003.

### TIMBER FRAMING:

1. All Timber framing shall be in accordance with the AITC timber construction manual or the national design specification (NDS) – latest edition
2. Individual timber framing members shall be visually graded, minimum grade #2 Spruce-Pine-Fir (SPF), kiln dried to 19% maximum moisture content.
3. Timber shall be southern yellow pine treated with ACQ water borne preservative in accordance with AWPA treatment C1 with 0.40 PCF retainage for items in contact with roofing, masonry or concrete with 0.60 PCF retainage for items in contact with earth.
4. Metal connectors shall be used at all timber to timber connections or as noted on the design drawings. All metal connectors in contact with pressure treated timber shall be stainless steel.
5. Nailing not specified shall conform with IBC 2003. All nails in contact with pressure treated timber shall be stainless steel.
6. Provide ¾" thick APA rated floor sheathing fastened w/ construction adhesive and 10d ring shank nails @ 6" o.c. at panel edges and intermediate.
7. LVL indicated laminated veneer lumber beams manufactured by Boise Cascade or approved equal.

THESE DRAWINGS HAVE BEEN DEVELOPED BY L&L STRUCTURAL ENGINEERING SERVICES, INC. FOR THE TITLED SET ONLY. THE DRAWINGS ARE THE SOLE PROPERTY OF L&L ENGINEERING SERVICES, INC. AND THEY SHALL NOT BE USED, LENT, COPIED OR ALTERED WITHOUT THE WRITTEN CONSENT OF L&L STRUCTURAL ENGINEERING SERVICES, INC.

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No. 6242
LICENSED PROFESSIONAL ENGINEER

| appr'd | description | date | rev. |
|---|---|---|---|
| | | | |

designed by: JHL
drawn by: AKB
checked by: JHL
scale: AS NOTED
date: 7-16-10
plot date: 7-16-10
project # 2010-067

# STATE STREET THEATER
PORTLAND, MAINE

INTERIOR RENOVATIONS-RAISED STAGE/THEATER FLOOR
GENERAL NOTES AND FLOOR FRAMING PLAN

**S1**