

STRUCTURAL GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS. FURTHERMORE, THE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR THE SAFETY OF ADJACENT PROPERTY AND THE PUBLIC.

2. NO PROVISIONS HAVE BEEN MADE FOR ANY TEMPORARY CONDITIONS THAT MAY ARISE DURING CONSTRUCTION PRIOR TO THE COMPLETION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS, SHORING, AND TEMPORARY BRACING DURING THE PROJECT.

3. NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS THAT MAY AFFECT THE WORK. BECAUSE THIS PROJECT INVOLVES RETROFITTING AND MODIFICATIONS OF EXISTING STRUCTURES, THE CONTRACTOR SHALL TAKE THE NECESSARY MEASURE TO FIELD VERIFY EXISTING CONDITIONS AS SHOWN ON THE DRAWINGS.

4. ANY MODIFICATION OR ALTERATION OF THESE CONSTRUCTION DOCUMENTS OR CHANGES IN CONSTRUCTION FROM THE INTENT OF THESE DOCUMENTS BY THE CONTRACTOR WITHOUT WRITTEN APPROVAL OF THE ENGINEER SHALL REMOVE ALL PROFESSIONAL AND LIABILITY RESPONSIBILITY ON THE PART OF THE ENGINEER. ALTERNATE CONNECTION DETAILS MAY BE USED IF SUBMITTED TO THE ENGINEER FOR REVIEW, AND ACCEPTANCE GRANTED.

5. DO NOT SCALE FROM THE DRAWINGS.

DESIGN CRITERIA

1. INTERNATIONAL BUILDING CODE, 2003 EDITION; INCLUDING CONSIDERATION OF CHAPTER 34, EXISTING BUILDINGS.

LIVE LOAD: OFFICE OCCUPANCY

60 POUNDS PER SQUARE FOOT PLUS

20 POUNDS PER SQUARE FOOT FOR PARTITIONS

(ASCE 7-02, SECTION 4.2.2, IBC 2003 SECTION 1607.5)

WIND LOAD: PER IBC SECTION 1609.0/ASCE 7-02 CHAPTER 6

BASIC WIND SPEED, (3 SEC GUST) 100 mph

IMPORTANCE FACTOR I_w 1.00

EXPOSURE CATEGORY B

BUILDING CLASSIFICATION II

BASIC WIND PRESSURE 20 psf

COMPONENT/CLADDING PRESSURE 30 psf

SEISMIC LOAD: PER IBC SECTION 1615.0;

EARTHQUAKE DESIGN DATA PER SECTION 1616.3:

SEISMIC IMPORTANCE FACTOR, I_e 1.0

SEISMIC USE GROUP I

SHORT PERIOD RESPONSE ACCELERATION 0.37

1-SECOND RESPONSE ACCELERATION 0.10

SEISMIC DESIGN CATEGORY C

BASIC SEISMIC FORCE-RESISTING SYSTEM SHEAR WALLS

RESPONSE MODIFICATION FACTOR 1.5

ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

STRUCTURAL LUMBER AND COMPOSITE WOOD FRAMING

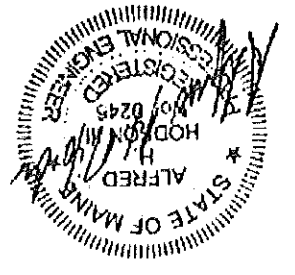
1. ALL LUMBER SHALL SPRUCE-PINE-FIR (SPF) NO. 2 OR BETTER. LUMBER SILLS IN CONTACT WITH CONCRETE OR NEAR FINISH GRADE SHALL BE PRESSURE-TREATED SOUTHERN YELLOW PINE (SYP), NUMBER 2 OR BETTER.

2. DO NOT NOTCH JOISTS IN THE MIDDLE-THIRD OF THEIR SPAN.

3. ANCHOR BOLTS ATTACHING P.T. WOOD TO FOUNDATIONS SHALL BE STAINLESS STEEL. ALL OTHER EXPANSION BOLTS AND THREADED ANCHORS USED TO FASTEN LEDGERS TO BRICK SHALL BE GALVANIZED.

3. ALL LUMBER JOIST HANGERS AND JOIST HANGER NAILS SHALL BE PROVIDED BY SIMPSON STRONG-TIE. JOIST HANGER NAILS SHALL BE SIMPSON N8HD NAILS. PROVIDE SUBMITTALS FOR ALL HANGERS PRIOR TO CONSTRUCTION.

4. COMPOSITE FLOOR JOISTS SHALL BE MANUFACTURED BY TRUS-JOIST OR APPROVED EQUAL



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TFH ARCHITECTS
100 COMMERCIAL STREET
PORTLAND MAINE 04101
TELEPHONE 207 776 6141
ARCHITECTURE PLANNING

CONSULTANTS:
RESURGENCE
ENGINEERING AND PRESERVATION, INC.
132 BRENTWOOD STREET
PORTLAND, ME 04103
V/P (207) 773-4880
RESURGENCE@VERIZON.NET

REVISIONS:

DATE: 02 MAR 06

PROJECT No. (R 06-04a) 0422

DRAWN BY: AHH

CHECKED BY: AHH

SCALE: AS NOTED

SHEET TITLE:
CHESTNUT ST
CHAPEL
STRUCTURAL
NOTES

SK-S2