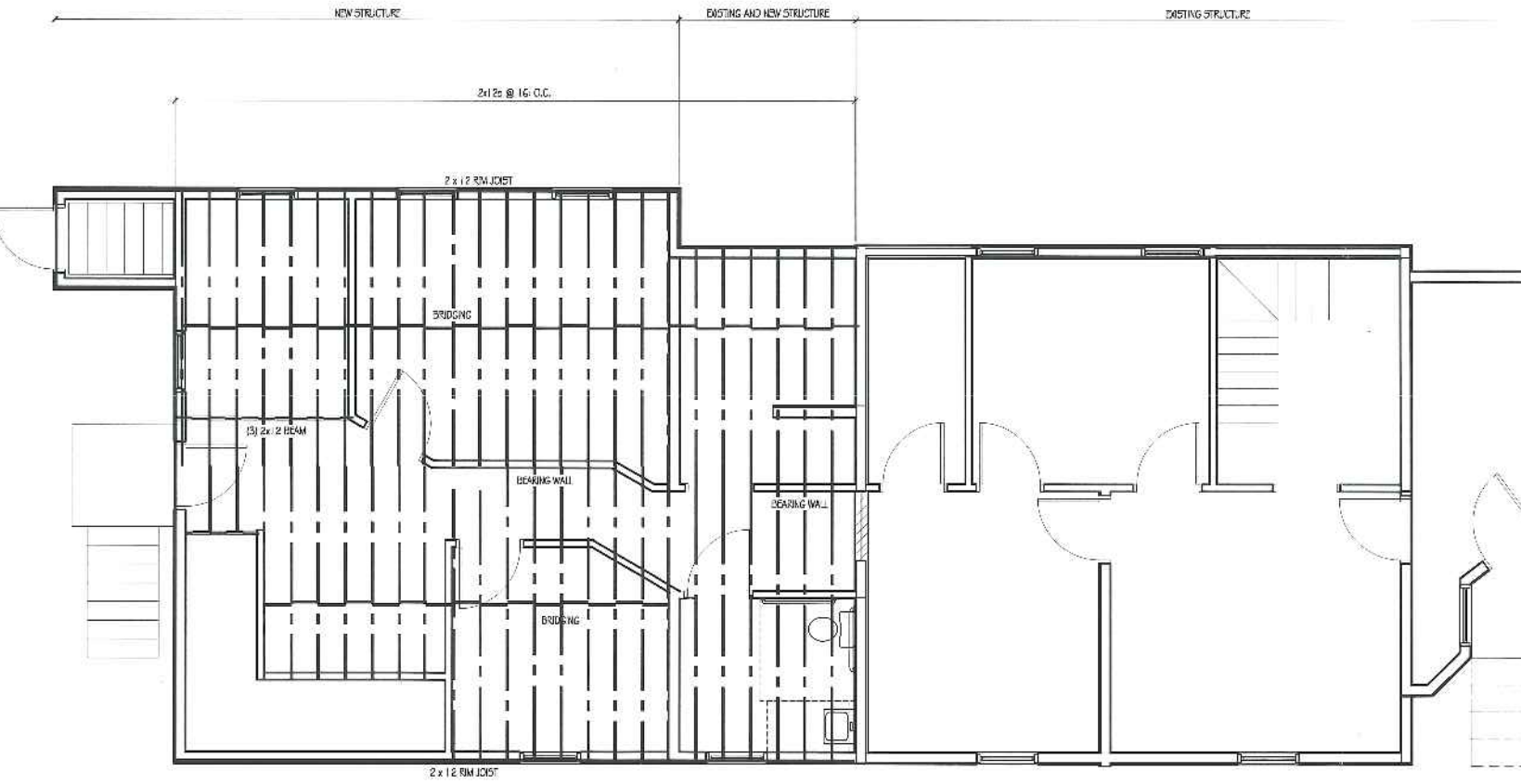
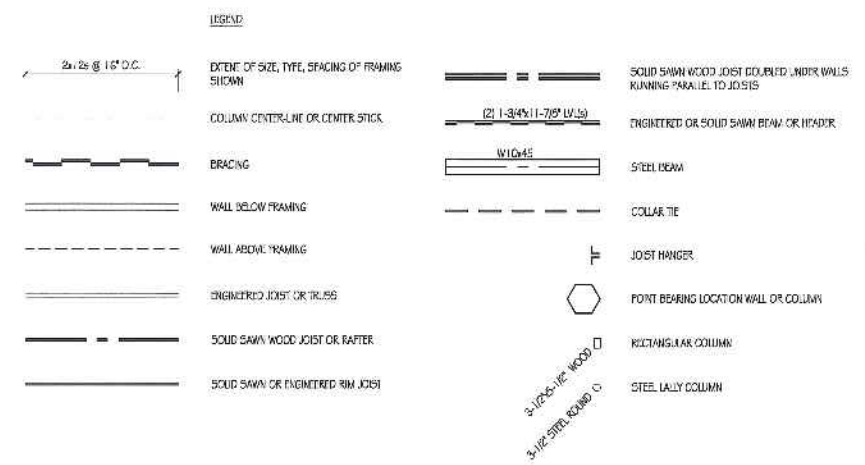


FIRST FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



SECOND FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"



STRUCTURAL DESIGN CRITERIA:

- Building Code:** This Building is Designed to Comply with the 2009 Edition of the International Building Code (IBC) 2009, The 2009 Edition of ASCE-7, "Minimum Design Loads for Buildings and Other Structures".
- Design Loads:**
 - Design Wind Location: Exposure B, Main
 - Wind Load (Per IBC Section 1609):
 - Basic Wind Speed $V = 110$ MPH
 - Wind Exposure Factor = B
 - Importance Factor $I = 1.0$
 - Concealment and Shielding
 - A. Net Design Wind Pressure For a Wall Element:
 - at non-salient areas $P_{net} = \pm 25$ psf
 - at salient areas $P_{net} = \pm 25$ psf
- Design Roof Snow:**
 - Use Load: 50 PSF Plus Snow Drift Loading Where Applicable (Per Section 1609)
 - Snow Exposure Factor $C_e = 1.0$
 - Snow Thermal Factor $C_t = 1.1$
 - Importance Factor $I = 1.0$
 - Dead Load: 2 PSF
- Design Seismic:**
 - Occupancy Category = I
 - Site Seismicity $C_s = 1.0$
 - IE = 1.0
 - SDS = 0.26
 - SD1 = 1.5
 - Seismic Design Category = B
 - Basic Seismic Force Resisting System = Light Framed Wall System Using Shear Panels
- Floor Loads:**
 - 1st Floor Area: 40 PSF
 - 2nd Floor Area: 80 PSF
- Dead:**
 - Floor: 2 PSF

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.

THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE SEQUENCE PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE STRUCTURE AND PERSONNEL DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF THE NECESSARY SHORING, BRACING, TEMPORARY BRACING, GUSSET BRACING, OR TIEBACKS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.

ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

IT IS THE OWNER'S SOLE RESPONSIBILITY TO EMPLOY ONE OR MORE SPECIAL INSPECTORS (IF REQUIRED) TO PROVIDE INSPECTIONS IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF IBC 2009.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS, SHORING AND TEMPORARY BRACING DURING THE PROGRESS OF THE PROJECT.

ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE RECOMMENDATIONS AND REQUIREMENTS CONTAINED IN THE MANUAL OF STEEL CONSTRUCTION, ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN INCL. 8TH EDITION INCLUDING AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, AND STRUCTURAL STEEL WELDING CODE - STEEL WAYS 01.1, LATEST EDITION.

STRUCTURAL STEEL ROLLED SHAPES, PLATES AND SHAS SHALL CONFORM TO THE FOLLOWING:

- A 90M A992 - GRADE 50; ALL WOLF PLANT SECTIONS, P1-30
- A 9M A36 - OTHER ROLLED SHAPES, PLATES AND SHAS, P1-30
- A 9M A36 - THREADED AND OTHER STEEL RODS

Opening Size	Location	Girder Members	Number of Members	Number of Jack Studs
0' to 3'-6"	Exterior Wall	2x6s	2	2
3'-6" to 4'-6"	Exterior Wall	2x8s	2	2
4'-6" to 5'-6"	Exterior Wall	2x10s	2	2
5'-6" to 6'-6"	Exterior Wall	2x12s	2	2
6'-6" to 8'-0"	Exterior Wall	2x12s	3	2
0' to 3'-6"	Interior Wall	2x6s	2	2
3'-6" to 5'-0"	Interior Wall	2x8s	2	2
5'-0" to 6'-0"	Interior Wall	2x10s	2	2
6'-0" to 7'-0"	Interior Wall	2x12s	2	2
7'-0" to 8'-0"	Interior Wall	2x12s	3	2

Opening Size	Location	Girder Members	Number of Members	Number of Jack Studs
0' to 4'-0"	Exterior Wall	2x6s	2	2
4'-0" to 5'-0"	Exterior Wall	2x8s	2	2
5'-0" to 6'-0"	Exterior Wall	2x10s	2	2
6'-0" to 7'-0"	Exterior Wall	2x12s	2	2
7'-0" to 8'-0"	Exterior Wall	2x12s	3	2
0' to 3'-6"	Interior Wall	2x6s	2	2
3'-6" to 5'-0"	Interior Wall	2x8s	2	2
5'-0" to 6'-0"	Interior Wall	2x10s	2	2
6'-0" to 7'-0"	Interior Wall	2x12s	2	2
7'-0" to 8'-0"	Interior Wall	2x12s	3	2

NOTE:

THE CONTRACTOR/OWNER AGREES ALL RESPONSIBILITY FOR THE DESIGN AND CONSTRUCTION OF THE STRUCTURE. ALL DIMENSIONS, PLANS, AND NOTES ARE PROVIDED TO THE CONTRACTOR/OWNER. THE CONTRACTOR/OWNER SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS IN THE FIELD. THE CONTRACTOR/OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL BUILDING DEPARTMENT. THE CONTRACTOR/OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL BUILDING DEPARTMENT. THE CONTRACTOR/OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL BUILDING DEPARTMENT.

- Contractor/owner responsible for obtaining all necessary permits
- Contractor/owner will comply with all applicable codes and ordinances
- Contractor/owner to verify all site grades and dimensions

PROPERTY OF

Code-Tech
235 Riverside Industrial Parkway
Portland, ME 04102

SCHNEIDER
Property Management

ERIC N. SCHNEIDER
No. 3516
Lic. 00000000000000000000

Building Addition
522 Washington Ave
Schneider Property
Management, LLC

BY: JJO

DATE: 09-24-15

ISSUED FOR PERMIT: A

REMARKS:

NO. 1

CODE: IRC 2009

TOWN: PORTLAND

DATE: 09-24-15

SCALE: As Noted

DRAWN: JJO

TITLE: FIRST & SECOND FLOOR FRAMING PLANS

FILE:

SHEET: A1-04