

1. WORK SHALL BE DONE IN COMPLIANCE WITH THE LATEST EDITION OF IBC-2009.
2. THE CONTRACTOR SHALL VISIT THE SITE AT A DESIGNATED TIME APPROVED BY THE OWNER, TO VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, LOCATION OF EXISTING UTILITIES, ETC. THE CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES WITHOUT EXCEPTION.
3. WORK SHALL BE DONE IN AN ORDERLY AND PROFESSIONAL MANNER. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK TO BE DONE BY SUBCONTRACTORS, LOCAL AUTHORITIES, STATE AGENCIES AND/OR UTILITY COMPANIES WHICH MAY HAVE JURISDICTION OVER THIS PROJECT.
4. UTILITY EXTENSIONS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH STATE AND LOCAL CODES OR AS INDICATED BY THE SPECIFICATIONS.
5. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY EXISTING ITEMS DAMAGED BY NEW CONSTRUCTION, AND FOR ANY INCIDENTAL REPAIRS OF EXISTING FINISHED SURFACES DISTURBED BY NEW CONSTRUCTION; SUCH REPAIRS SHALL MATCH EXISTING TO THE OWNER'S SATISFACTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING, HANDLING, AND STORAGE OF ITEMS/MATERIALS TO REMAIN THE PROPERTY OF THE OWNER WITH THE OWNER'S REPRESENTATIVE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS AND TEMPORARY SHORING, PRECAUTIONS DURING BUILDING OPERATIONS, PROTECTION OF PUBLIC AND WORKERS, REMOVAL OF WASTE MATERIAL, PROTECTION OF ADJACENT PROPERTY, PROTECTION OF HAZARDOUS OPENINGS, SAFETY PRECAUTIONS, AND SANITARY PROVISIONS OF EMPLOYEES AND SUBCONTRACTORS AS REQUIRED FOR THE DURATION OF THE CONTRACT.

G1 GENERAL NOTES

1. CONTRACTOR WILL CHECK WITH EACH TRADE TO ASSURE CORRECT LOCATION, SIZE, LINE AND ELEVATION OF SLEEVES, BOND-OUTS, ETC. REQUIRED IN CONCRETE FLOORS AND WALLS.
2. DRILLED-IN ANCHOR BOLTS OR REBAR DOWELS SHALL BE INSTALLED AS FOLLOWS:
 - LOCATE ANCHOR BOLTS OR DOWELS TO AVOID CUTTING EXISTING REBAR.
 - DEPTH IS BASED ON A CLEAN HOLE WITH ROUGH SIDES. ROTARY PERCUSSION EQUIPMENT AND COURSE ROCK CUTTING CHSELS ARE RECOMMENDED. DIAMOND CORE BITS SHOULD BE AVOIDED AS EMBEDMENT LENGTHS MAY NEED TO BE INCREASED. HOLE SIZE TO BE PER MANUFACTURER'S RECOMMENDATIONS.
 - CLEAN HOLES WITH COMPRESSED AIR OR VACUUM, REMOVE ANY FREE-STANDING WATER AND ALLOW HOLE TO DRY.
 - GROUT ANCHOR BOLTS OR DOWELS WITH HILTI HIT HY-150 ADHESIVE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. (HILTI HEA ADHESIVE CAPSULE MAY BE SUBSTITUTED FOR THE HILTI HIT HY-150 ADHESIVE.)

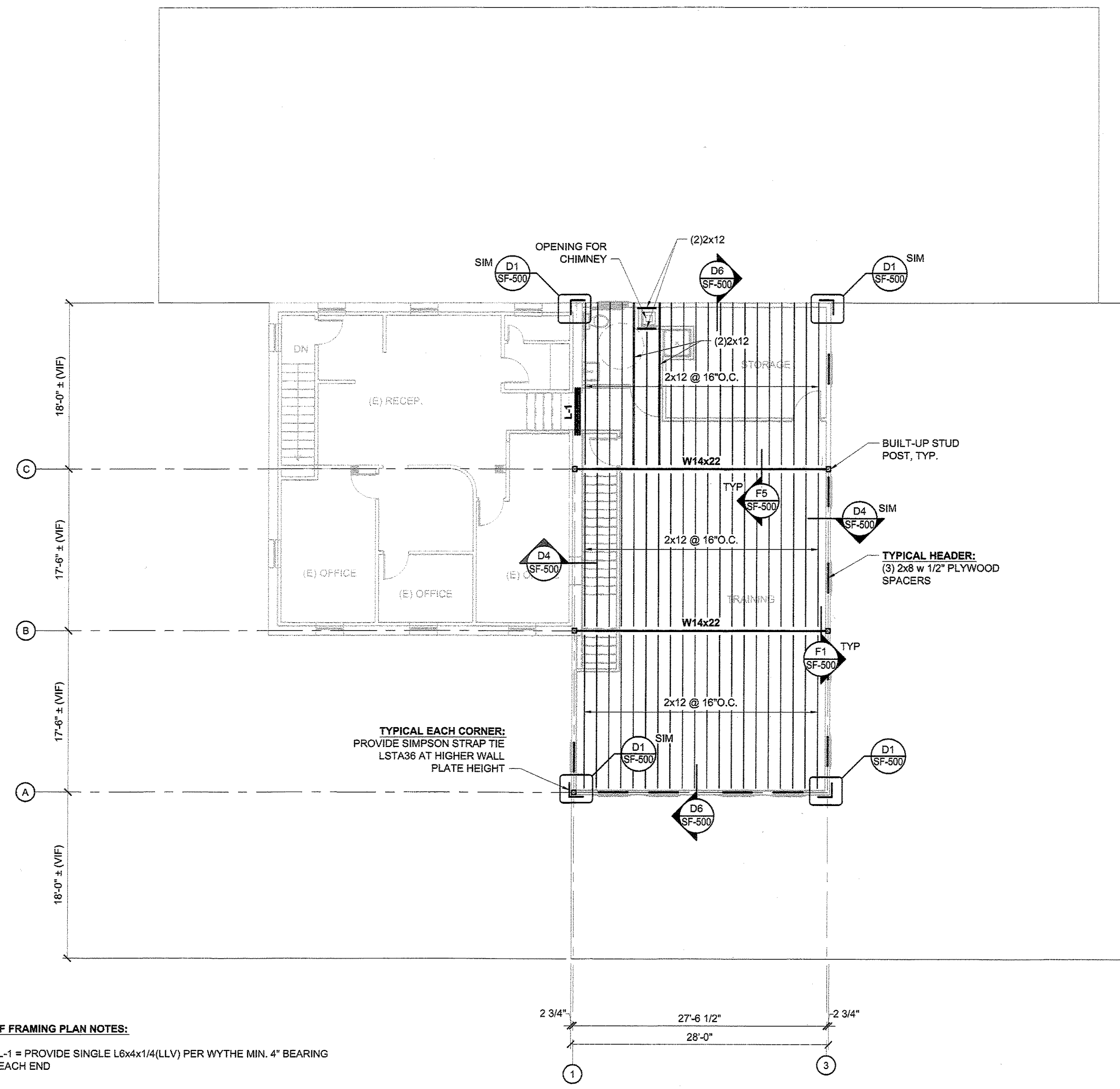
E1 FOUNDATION NOTES

1. MINIMUM LOADING REQUIREMENTS:
 - A. ROOF LOADS: (DRIFTING SNOW CONDITIONS FOR HIGH LOW ROOF CONDITIONS HAS BEEN EVALUATED)
LIVE (SNOW) LOAD: 45.0 P.S.F. (IMPORTANCE FACTOR = 1.0; EXPOSURE FACTOR = 0.7)
DEAD LOAD: 22.0 P.S.F.
 - B. FLOOR LOADS (PSF):
OFFICES: LIVE 50 DEAD 25 PARTITION 20
 - C. WIND LOADS:
 - a. FACTORS:
BASIC WIND SPEED: 100 MPH
EXPOSURE CATEGORY: "B"
IMPORTANCE FACTOR: 1.0
BUILDING HEIGHT: 35'
2. STRUCTURAL STEEL BEAMS, COLUMNS SHALL CONFORM TO ASTM A992, Fy=50ksi; STEEL TUBE COLUMNS SHALL CONFORM TO ASTM A500 GRADE "B", Fy=48ksi; MISCELLANEOUS PLATES, SHAPES ANGLES ETC. SHALL CONFORM TO ASTM A36 Fy36ksi.
3. STRUCTURAL WOOD TO CONFORM TO THE LATEST NDS STANDARDS.
4. PLYWOOD TO CONFORM TO THE LATEST PDS STANDARDS.
5. SEE ARCHITECTURAL WALL SECTIONS AND DETAILS FOR MISCELLANEOUS STEEL.
6. PROVIDE AND INSTALL DOUBLE 2X8 HEADER AND RAIL FRAMING AROUND ROOF PENETRATIONS. SEE MECHANICAL PLANS AND DETAILS AND ROOF PLANS AND DETAILS.
7. ALL BASE PLATE ANCHOR BOLTS IN NEW CONSTRUCTION SHALL BE
 - A. ANCHOR RODS: 3/4" @ ASTM F1554, UNF
 - B. NUTS: ASTM A363, GRADE A
 - C. WASHERS: ASTM F844
8. OPENINGS IN WOOD-FRAMED WALLS SHALL HAVE A MINIMUM OF (2) JACK STUDS ON EACH END, UNLESS OTHERWISE NOTED.
9. PROVIDE A BUILT-UP STUD COLUMN UNDER EACH BEAM UNLESS NOTED. NUMBER OF STUDS TO MATCH NUMBER OF PLYS IN BEAM. (EX. (3) 2x10 BEAM WOULD REQUIRE (3) STUDS)
10. COMPOSITE LUMBER BEAM AND PREFABRICATED WOOD JOIST MANUFACTURER SHALL PROVIDE ALL WEB STIFFENERS, BLOCKING PANELS, BRACING AND TOP BEARING HANGERS AS REQUIRED FOR MAXIMUM PERFORMANCE OF THE ENTIRE FRAMING SYSTEM.
11. STEEL TUBE, PIPE, OR STRUCTURAL STEEL COLUMNS SUPPORTED BY A STEEL BEAM SHALL HAVE BASE PLATES WELDED TO THE BEAM ON ALL SIDES.
12. COMPOSITE LUMBER BEAMS AND CONVENTIONAL FRAMING LUMBER EXPOSED TO THE WEATHER WILL BE PRESURE-TREATED. SEE DIVISION 6 OF THE SPECIFICATIONS.

C1 STRUCTURAL NOTES

C5 STRUCTURAL PLAN ~ ROOF FRAMING

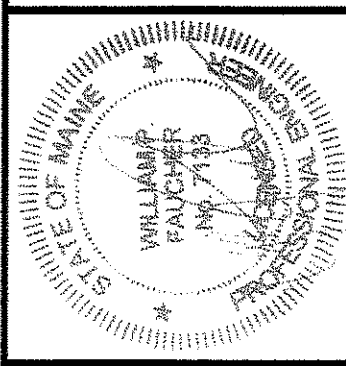
1/8" = 1'-0"



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REVISION	DATE	BY	DESCRIPTION

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STRUCTURAL PLAN ~ ROOF FRAMING AND NOTES
HASCALL AND HALL BUILDING
SECOND FLOOR ADDITION
PORTLAND, MAINE

SF-101