

CODE COMPLIANCE OVERVIEW

NEW CONSTRUCTION: FULLY SUPERVISED AUTOMATIC SPRINKLER SYSTEM THROUGHOUT. FOUR STORIES (APPROXIMATELY 42,000 SQUARE FEET MEASURED AT INTERIOR FACE OF GMB. APPROXIMATELY 10,500 SQUARE FEET PER FLOOR) DESIGN PARAMETERS: I. CODE COMPLIANCE: NFPA IOI LIFE SAFETY CODE 2003 ED. NFPA 80 WINDOW AND DOOR CODE 2003 ED. IBC 2003 EDITION MAINE STATE PLUMBING CODE 2. CONSTRUCTION TYPE: NFPA TYPE II, OOC IBC TYPE II B (UNPROTECTED, NON-COMBUSTIBLE) NFPA CLASSIFICATION OF OCCUPANCY: NEW BUSINESS IBC USE OR OCCUPANCY BUSINESS "B" 4. ALLOWABLE HEIGHT AND BUILDING AREAS (IBC) = 23,000 SF TABULAR AREA PER FLOOR AREA INCREASE DUE TO SPRINKLER PROTECTION = 46,000 SF AREA INCREASE DUE TO 83% FRONTAGE = 8,878 SF = 77,878 SF BUILDING HEIGHT = 4 STORIES AUTOMATIC SPRINKLER SYSTEM INCREASE = | STORY = 5 STORIES 5. OCCUPANT LOAD FACTOR USED: 100 GROSS SF/PERSON 6. CALCULATED OCCUPANT LOAD: 98 PEOPLE PER FLOOR MAX 7. REQUIRED SEPARATIONS IBC INCIDENTAL USE AREAS BOILER ROOMS: FULL HEIGHT SMOKE PARTTIONS (I-HOUR PROVIDED) DOOR CLOSERS ELEVATOR HOISTWAY: 2-HOUR FIRE SEPARATION ASSEMBLY ELEVATOR MACHINE ROOM: 2-HOUR FIRE SEPARATION ASSEMBLY STAIR ENCLOSURES: 2-HOURS EXIST ACCESS PASSAGEWAY 2-HOURS CORRIDORS: SMOKE PARTITIONS ELECTRICAL ROOMS: FULL HEIGHT SMOKE PARTTIONS (I-HOUR PROVIDED) MECHANCAL SHAFTS: 2-HOURS 8. FIRE PROTECTION SYSTEMS PORTABLE FIRE EXSTINGUISHER DISTRIBUTION PER NFPA AUTOMATIC SPRINKLER SYSTEM PER NFPA 9. MEANS OF EGRESS PARAMETERS TWO EXITS PER FLOOR REQ'D MAX DEAD END CORRIDORS - 50 FEET MAX TRAVEL DISTANCE TO EXIT - 300 FT MAX COMMON PATH OF TRAVEL - 100 FT

PROJECT GANERAL NOTES

CORRIDOR WIDTH (.2 IN/PERSON) MINIMUM 44" STAIR WIDTH (.3 IN/PERSON) MINIMUM 44"

THESE NOTES ARE INTENDED FOR GENERAL REFERENCE AND INFORMATION AND TO AUGMENT CONTRACT AND SPECIFICATION INFORMATION. REFER TO THOSE SPECIFICATIONS FOR DETAILED INFORMATION AND REQUIREMENTS. ALL WORK INCLUDED IN THIS CONTRACT SHALL CONFORM TO ALL NATIONAL, STATE, AND LOCAL CODES, ORDINANCES AND AGENCY REQUIREMENTS INCLUDING, BUT NOT LIMITED TO: HAZARDOUS

DESCRIBE THE QUALITY LEVEL AND CONSTRUCTION TECHNIQUES IN A GENERAL SENSE ONLY. ALL

DETAILS ARE TYPICAL. WHAT IS SHOWN IN ONE CONDITION APPLIES TO ALL OTHER SIMILAR

MATERIAL REMOVAL, SOLID WASTE DISPOSAL, SEISMIC DESIGN, AND LIFE-SAFETY. IT IS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO HAVE THE CONTRACTOR PROVIDE A COMPLETE, FULLY OPERATIONAL BUILDING. PROVIDE ALL LABOR, MATERIALS AND INCIDENTALS NECESSARY TO ACHIEVE THIS INTENT. FAILURE OF THE DRAWINGS OR SPECIFICATIONS TO INDICATE EACH INCIDENTAL SHALL NOT RELIEVE THE CONTRACTOR FROM PROVIDING THE NECESSARY ITEMS AS PART OF THIS CONTRACT. THE DRAWINGS SHOW THE DESIGN AND LAYOUT,

VERIFY THE FOLLOWING ITEMS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING WITH WORK, AND PROCEED WITH THE WORK ONLY AFTER SUCH DISCREPANCIES ARE RESOLVED BY THE ARCHITECT:

EXISTING CONDITIONS. THE SIZE AND LOCATION OF ALL EXISTING UTILITIES.
DISCREPANCIES BETWEEN OR MITHIN THE CONTRACT DOCUMENTS. UNSUITABLE SOILS: REPORT THE LOCATION OF ALL UNSUITABLE SOIL MATERIALS BELOW LEVELS OF FOOTINGS OR SLABS PRIOR TO SETTING FORMS. MECHANICAL, ELECTRICAL AND PLUMBING COORDINATION HAVING POTENTIAL IMPACT ON HEIGHTS OR BUILDING APPEARANCE.

PROVIDE BOND-OUTS, BLOCKING, SLEEVES AND PIPES AS REQUIRED FOR ALL WALL, FLOOR, ROOF, AND CEILING PENETRATIONS THROUGH STRUCTURE. COORDINATE INSTALLATION OF ALL STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS. SEAL ALL PENETRATIONS IN FIRE RATED ASSEMBLIES AND SMOKE ASSEMBLIES TO CONFORM TO U.L. RATED ASSEMBLIES AND ALL NFPA AND BOCA BUILDING CODE REQUIREMENTS. ALL PENETRATIONS SHALL ALSO COMPLY WITH THE ACOUSTICAL ASSEMBLY RATING REQUIRED FOR EACH WALL OR FLOOR ASSEMBLY. REFER TO THE CODE PLANS FOR SPECIFIC CODE REFERENCES.

MECHANICAL, ELECTRICAL AND PLUMBING COORDINATION: CEILING HEIGHTS AND DUCT SIZES ARE GIVEN. COORDINATE THE WORK TO ACHIEVE THE GIVEN VISUAL AND PERFORMANCE REQUIREMENTS, AND THE REQUIREMENT OF INCLUDING MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS WITHIN THE INDICATED SPACE.

DO NOT PENETRATE STRUCTURAL BEAMS, COLUMNS, OR SHEAR WALLS.

8. COORDINATE THE WORK OF ALL SUBCONTRACTORS.

CONDITIONS, UNLESS NOTED OTHERWISE.

DIMENSIONAL DISCREPANCIES.

WALL GENERAL NOTES

FILL ALL CMU VOIDS WITH MORTAR OR GROUT AT ALL DOOR JAMBS AND MASONRY TIES. REFER TO STRUCTURAL DRAWINGS FOR NOTES ON MASONRY REINFORCEMENT.

ALL PARTITIONS SHALL EXTEND FROM SUB-FLOOR OR SLAB TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE, UNLESS NOTED OTHERWISE.

INSTALL ONE BEAD OF ACOUSTICAL SEALANT UNDER EACH LAYER OF GWB AT INTERSECTION WITH FLOOR AT EACH SIDE OF WALL. COVER WITH WALL BASE.

FILL CMU SOLID WITH GROUT AT ALL SURFACE-APPLIED FIXTURES, TRIM, GRAB BARS, SHELVES, CHAIR RAILS, PICTURE RAILS, BASE MOLDINGS, TACK OR MARKER BOARDS, WINDOW TREATMENT,

WALL OR BASE CABINETS OR COUNTERS, AND MISCELLANEOUS ACCESSORIES MOUNTED ON CMU.

INSTALL BLOCKING BEHIND ALL SURFACE-APPLIED FIXTURES, TRIM, GRAB BARS, SHELVES, CHAIR RAILS, PICTURE RAILS, BASE MOLDINGS, TACK OR MARKER BOARDS, WINDOW TREATMENT, WALL OR BASE CABINETS OR COUNTERS, AND MISCELLANEOUS ACCESSORIES MOUNTED ON STUD WALLS.

INSTALL MOISTURE RESISTANT GWB IN TOILETS, JANITOR'S CLOSETS, SHOWERS, WALL AREAS WITHIN 8 FEET OF SINKS, AND OTHER HIGH HUMIDITY AREAS.

ALL EXTERIOR MOOD FRAMING IN CONTACT WITH CONCRETE OR GROUND OR EXPOSED TO THE WEATHER SHALL BE PRESSURE TREATED.

ALL INTERIOR METAL STUD PARTITIONS ARE TYPE 2A6, UNLESS NOTED OTHERWISE.

ALL CMU IS 8", UNLESS NOTED OTHERWISE.

10. LOCATE CONTROL JOINTS IN MASONRY AS SHOWN, OR IF NOT SHOWN, IN ACCORDANCE WITH ACI 530/ACI 530.I, UNLESS NOTED OTHERWISE.

SHAFT WALL

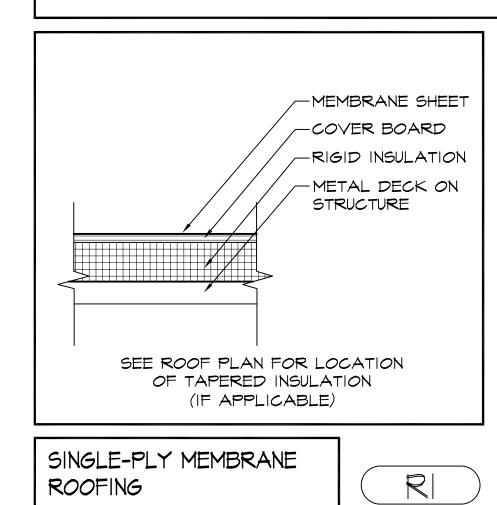
2-HOUR FIRERATED

HORIZONTALLY APPLIED

SHAFT WALL SYSTEM

TYP. CONCRETE

FOUNDATION WALL

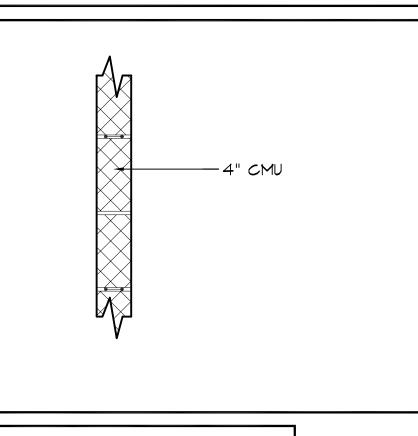


CORRUGATED METAL FLOOR OR ROOF DECK FILL VOIDS AT DECK W/ FG INSUL DEFLECTION TRACK ANCHOR TO STRUCTURE GWB & STUDS FREE FLOATING MTL STUD FRAMING W/ ONE LAYER GMB EACH SIDE ACOUSTICAL BATT INSULATION USE MR GWB AT TOILET & JANITOR RMS. 2. PROVIDE 2 LAYERS GWB ON ROOM SIDE OF BOILER RMS.

6" METAL STUD

FULL HEIGHT

BASIC BUILDING SYSTEMS

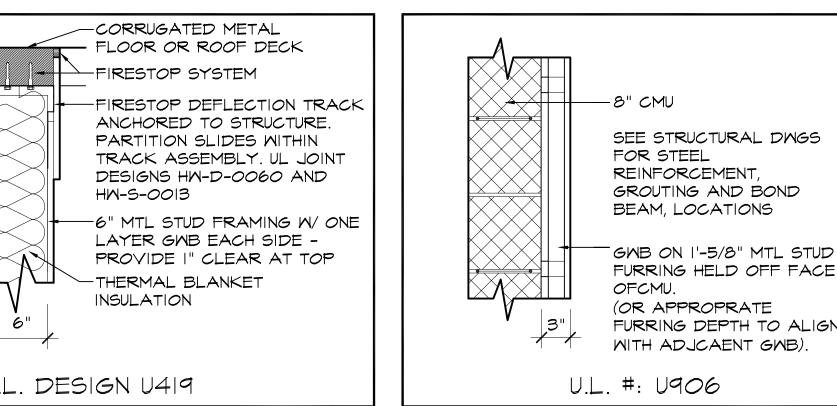


|A4

SHAFT LINER 4" CT STUD METAL FRAMING SYSTEM ACOUSTICAL BATT INSULATION HM-5-0013 TWO LAYERS 5/8" TYPE "X" G.M.B. INSULATION U.L. DESIGN U415 (SYSTEM B) U.L. DESIGN U419

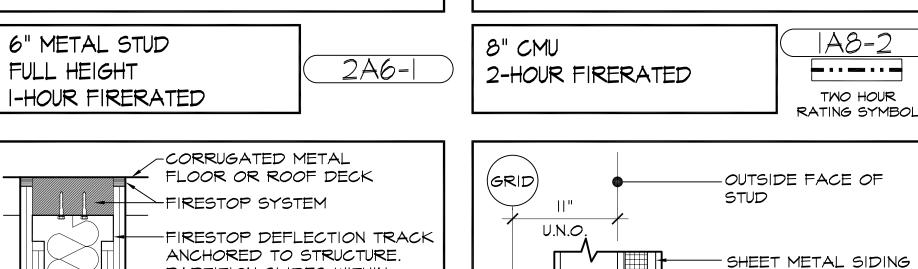
 $\overline{2B4-2}$

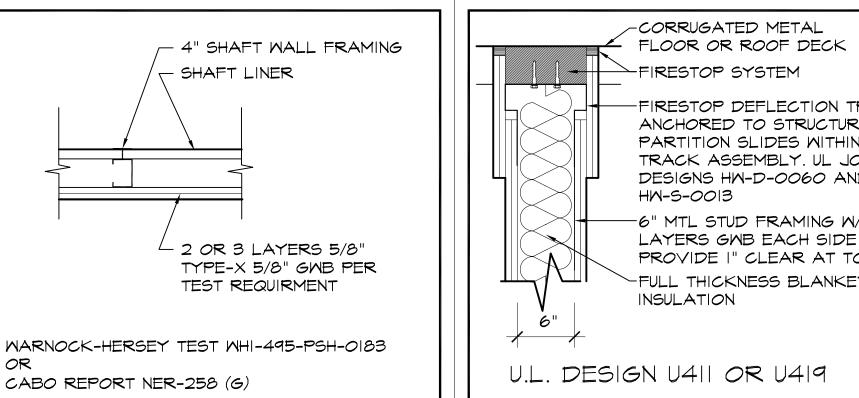
(C L G = 2)



2A6

4" CMU

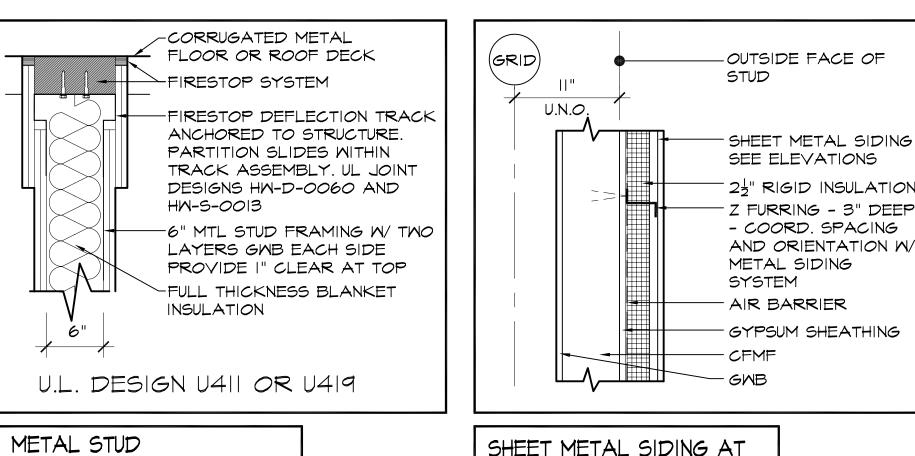




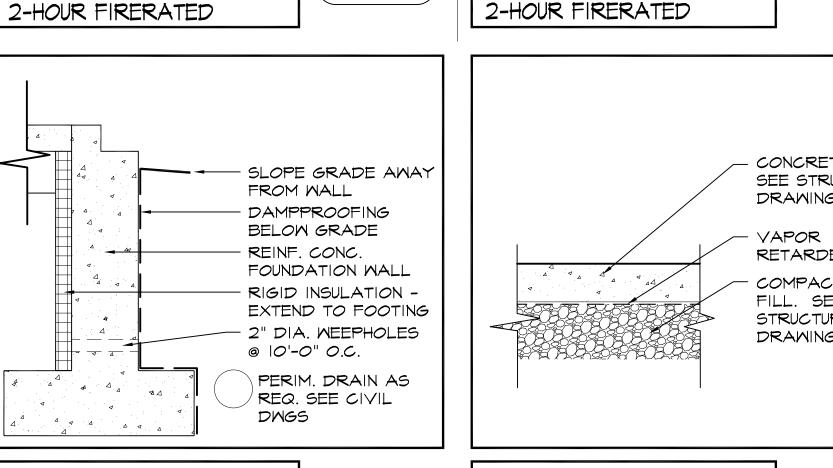
FULL HEIGHT

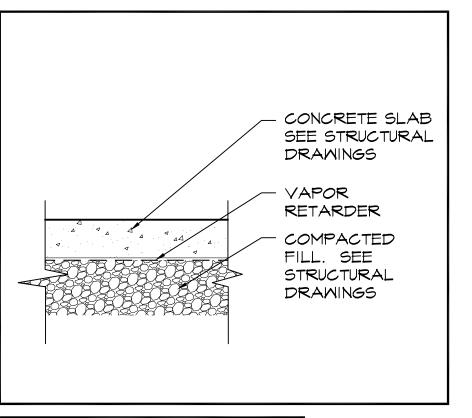
CONCRETE SLAB ON

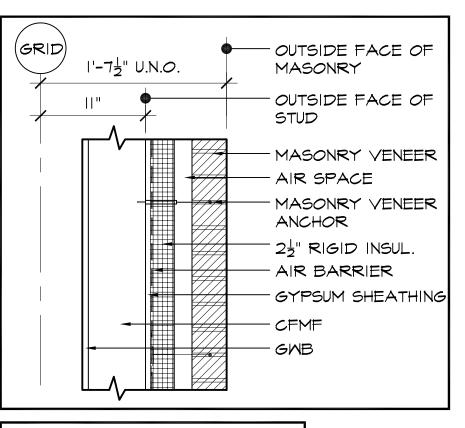
GRADE - UNINSULATED



2A6-2







SHEET METAL SIDING AT

SHEET MASONRY VENEER E2A6 AT 6" CFMF

E2B6

04-132

SCALE: **IV**:**8**":**S**:1'-0"

EEE EL BOR PRANT GENERAL NOTE

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DRAWN:

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ΓITLE & SYSTEMS