W02 **1 HOUR RATED NON-BEARING PARTITION**
DESIGN NUMBER - UL U407

1. **CONT. METAL FLOOR AND CEILING RUNNER -** CHANNEL SHAPED 25 MSG STEEL WITH 1 1/4" DRYWALL SCREWS @ 2'-0" O.C. MAX. WITHIN 1" OF ENDS
2. **STEEL STUDS -** CHANNEL SHAPED 25 MSG STEEL 6" STUDS SPACED MAX. 24" O.C. STUDS TO BE CUT 3/4" LESS THAN ASSEMBLY HEIGHT.
3. **GYPSUM BOARD -** (2) LAYER 5/8" GYP. BD. BOTH SIDES, APPLIED PERPENDICULAR TO FRAMING WITH 1" TYPE S STEEL SCREWS SPACED 8" O.C..
4. **SEALANT** - FIRE CAULKING BOTH SIDES.
5. **BLOCKING - (NOT SHOWN)** WOOD BLOCKING AS NEEDED
6. **TAPE AND COMPOUND - (NOT SHOWN)** VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOISTS AND SCREW HEADS, PAPER TAPE, 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
7. UNDERSIDE OF STRUCTURE
8. TOP OF STRUCTURE

2 WALL TYPE W02 - NON RATED - ACOUST. PART.
1 1/2" = 1'-0"

W03 **NON BEARING, NON RATED EXTERIOR WALL**
STC SOUND - N/A

1. **CONT. METAL FLOOR AND CEILING RUNNER -** CHANNEL SHAPED 25 MSG STEEL WITH 1 1/4" LONG LEGS FASTENERS @ 2'-0" O.C. MAX. WITHIN 1" OF ENDS
2. **STEEL STUDS -** CHANNEL SHAPED 25 MSG 20 GA STEEL 6" STUDS SPACED MAX. 24" O.C. STUDS TO BE CUT 3/4" LESS THAN ASSEMBLY HEIGHT
3. **FIBERGLASS BATT INSULATION** - R13.3 MIN
4. **DENSGLASS**
5. **AIR/MOISTURE BARRIER** - BUILDING WRAP - REFER TO SPECIFICATION.
6. **FURRING** - 3/4" PT WOOD FURRING OR EQUIVALENT
7. **FIBER CEMENT PANEL**
8. **GYPSUM BOARD -** (1) LAYER 5/8" GYP. BD., PAPER SURFACED, APPLIED PERPENDICULAR TO FRAMING WITH 1" TYPE S STEEL SCREWS SPACED 8" O.C.. SEE NOTES FOR GYP. BD. TYPE
9. **BED OF SEALANT -** MTL TRACKS IN CONTACT WITH CONCRETE TO BE SET IN A FULL BED OF SEALANT. SEAL OTHER TRACKS TO DECK.
10. **INSULATION -** 1 1/2" RIGID INSULATION. R-7.5 MIN.

3 WALL TYPE 03 - EXTERIOR WALL - FIBER CEMENT PANEL
1 1/2" = 1'-0"

LABEL 2 HR **W01**

2 HR BEARING FIRE BARRIER
DESIGN NUMBER - UL - U905
STC SOUND - N/A

1. **CONCRETE BLOCKS -** CLASSIFICATION D-2 (2HR) 8" NOM. THICKNESS.
2. **MORTAR -** BLOCKS LAID IN A FULL BED OF MORTAR, NOM. 3/8 IN THICK, OF NOT LESS THAN 2 1/4 AND NOT MORE THAN 3 1/2 PARTS CLEAN SHARP SAND TO 1 PART PORTLAND CEMENT (PROPORTIONED BY VOLUME) AND NOT MORE THAN 50 PERCENT HYDRATED LIME (BY CEMENT VOLUME). VERTICAL JOINTS STAGGERED.
3. **REINFORCING -** SEE STRUCTURAL
4. **THIN BRICK (ADDED)-** ONLY WHERE INDICATED ON ELEVATIONS. LAID IN BED OF THINSET. 2 1/4" X 7 5/8" ENDICOTT CLAY PRODUCTS: ROYAL RIVER FULL RANGE. WIRECUT TEXTURE. INSTALL IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS.
5. **INSULATION (ADDED)-** 2 1/2" CLOSED CELL SPRAY FOAM. R13.3 MIN.
6. **STEEL FRAMING (ADDED)-** 3 5/8" STEEL STUDS SPACED 16" OC. OFFSET 1" FROM CMU WALL
5/8" GYPSUM WALL BOARD (ADDED)

1 WALL TYPE 01 - EXTERIOR CMU WALL
1 1/2" = 1'-0"

LICENSED ARCHITECT
DAVID LLOYD
NO. 936
STATE OF MAINE
Date: 03/02/17

Reviewed for Code Compliance
Inspections Division
Portland, Maine

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Revisions:
1 10/12/16 SHELL REDESIGN

Scale: 1 1/2" = 1'-0"

Date: 12/29/2015

WALL TYPES

A4.00