LABEL 1 HR	W1

1 HR BEARING PARTITION
DESIGN NUMBER - U305
SOUND - N/A

1. **WOOD FRAMING -** WOOD STUDS, NOM. 2 IN BY 4 IN, DOUBLE TOP PLATE AND SINGLE BASE PLATE, SEE STRUCTURAL FOR; STUD LAYOUT BRACING, AND FASTENERS. BOTTOM PLATES IN CONTACT WITH CONCRETE OR MASONRY TO BE PRESSURE TREATED.
2. **TYPE X GYP BOARD -** 5/8 IN. THICK, 4 FT WIDE. PAPER-SURFACED GYPSUM BOARD SECURED TO STUDS WITH 1 1/4" IN. LONG TYPE W COARSE THREAD GYPSUM PANEL STEEL SCREWS SPACED A MAX 8 IN. OC, WITH LAST SCREW 1 IN. FROM EDGE OF BOARD.
3. **CAULKING AND SEALANTS -** A BEAD OF FIRE RATED ACOUSTICAL SEALANT APPLIED AROUND THE PARTITION PERIMETER FOR SOUND CONTROL, BOTH SIDES OF WALL.
4. **BLOCKING - (NOT SHOWN)** WOOD BLOCKING AS NEEDED
5. **TAPE AND COMPOUND - (NOT SHOWN)** VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS, PAPER TAPE, 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
6. **SOUND INSULATION -** 3 1/2" FIBERGLASS BATTS
7. **BASE -** SEE FINISH SCHEDULE

REFERENCE DETAIL 6 / A5.00
FOR LEDGER CONDITION AT STAIR SHAFTS

W1 WD STD - 1 HR
1 1/2" = 1'-0"

W2 **NON-RATED NON-BEARING EXTERIOR WALL FURRING**
-- STC SOUND - --

1. **WOOD FRAMING -** WOOD STUDS, NOM. 2 IN BY 4 IN, DOUBLE TOP PLATE AND SINGLE BASE PLATE. BOTTOM PLATES IN CONTACT WITH CONCRETE OR MASONRY TO BE PRESSURE TREATED.
2. **GYPSUM BOARD -** 5/8 IN. THICK, 4 FT WIDE. PAPER-SURFACED GYPSUM BOARD SECURED TO STUDS WITH 1 1/4" IN. LONG TYPE W COARSE THREAD GYPSUM PANEL STEEL SCREWS SPACED A MAX 8 IN. OC, WITH LAST SCREW 1 IN. FROM EDGE OF BOARD.
3. **BLOCKING - (NOT SHOWN)** WOOD BLOCKING AS NEEDED
4. **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.

W2 WD STD - INTERIOR WALL FURRING
1 1/2" = 1'-0"

W3 **NON-RATED NON-BEARING EXTERIOR WALL FURRING**
-- STC SOUND - --

1. **WOOD FRAMING** - WOOD STUDS, NOM. 2 IN BY 4 IN., SINGLE TOP PLATE AND SINGLE BASE PLATE, SEE STRUCTURAL FOR STUD LAYOUT, BRACING, AND FASTENERS. BOTTOM PLATES IN CONTACT WITH CONCRETE OR MASONRY TO BE PRESSURE TREATED.
2. **GYPSUM BOARD -** (1) LAYER 5/8" GYP. BD., PAPER SURFACED MOISTURE RESISTANT, APPLIED PERPENDICULAR TO FRAMING WITH 1" TYPE S STEEL SCREWS SPACED 8" O.C.
3. **SPRAY FOAM INSULATION -** CLOSED CELL POLYURETHANE SPRAY INSULATION TO R-21
4. **BLOCKING - (NOT SHOWN)** WOOD BLOCKING AS NEEDED
5. **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.

W3 WD STD - EXTERIOR WALL FURRING
1 1/2" = 1'-0"

W4 **NON-RATED, NON BEARING - FURRING WALL**

1. **FURRING CHANNEL** - 7/8" HAT SHAPED, SUPPLIED WITH CUTOUTS, SPACED A MAX 24 IN. O.C. EVENLY STAGGERED.
2. **TYPE X GYP BOARD -** 5/8 IN. THICK, 4 FT WIDE. PAPER-SURFACED GYPSUM BOARD SECURED TO STUDS WITH 1 1/4" IN. LONG TYPE W COARSE THREAD GYPSUM PANEL STEEL SCREWS SPACED A MAX 8 IN. OC, WITH LAST SCREW 1 IN. FROM EDGE OF BOARD.
3. **SEALANT** - CONTINUOUS ACOUSTIC SEALANT.
4. **BLOCKING** - WOOD BLOCKING AS NEEDED
5. **TAPE AND COMPOUND** - 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.

W4 INTERIOR FURRING
1 1/2" = 1'-0"

LABEL 1 HR

W5 **1 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 DRAWINGS

W5 CMU ELEVATOR SHAFT
1 1/2" = 1'-0"

LABEL 1 HR	W6

1 HR BEARING PARTITION
DESIGN NUMBER - UL U305

1. **STUDS -** DOUBLE LAYER WOOD STUDS, NOM. 2 IN BY 4 IN, DOUBLE TOP PLATE AND SINGLE BASE PLATE, SEE STRUCTURAL FOR STUD LAYOUT BRACING, AND FASTENERS. BOTTOM PLATES IN CONTACT WITH CONCRETE OR MASONRY TO BE PRESSURE TREATED.
2. **TYPE X GYP BOARD -** 5/8 IN. THICK, 4 FT WIDE. PAPER-SURFACED GYPSUM BOARD SECURED TO STUDS WITH 1 1/4" IN. LONG TYPE W COARSE THREAD GYPSUM PANEL STEEL SCREWS SPACED A MAX 8 IN. OC, WITH LAST SCREW 1 IN. FROM EDGE OF BOARD.
3. **CAULKING AND SEALANTS -** A BEAD OF FIRE RATED ACOUSTICAL SEALANT APPLIED AROUND THE PARTITION PERIMETER FOR SOUND CONTROL, BOTH SIDES OF WALL.
4. **BLOCKING - (NOT SHOWN)** WOOD BLOCKING AS NEEDED
5. **TAPE AND COMPOUND - (NOT SHOWN)** VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS, PAPER TAPE, 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
6. **BASE -** SEE FINISH SCHEDULE
7. **BOTTOM OF ROOF DECK**
8. **SOUND INSULATION -** 3 1/2" FIBERGLASS BATTS
9. **TOP OF SLAB**

REFERENCE DETAIL 6 / A5.00
FOR LEDGER CONDITION AT STAIR SHAFTS

W6 WD STD - STAIR SHAFT
1 1/2" = 1'-0"

LICENSED ARCHITECT
DAVID LLOYD NO. 936
STATE OF MAINE
Date: 05/08/17

Reviewed for Code Compliance
Inspections Division
Portland, Maine

Prepared For: Owner
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Project: MEDICAL OFFICES
1945 CONGRESS STREET, PORTLAND MAINE

Revisions:

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

Date: DEC. 27, 2016

WALL TYPES

A4.02