

**W04** **NON-RATED NON-BEARING EXTERIOR PARTITION**  
DESIGN NUMBER - N/A

- STUDS - CHANNEL-SHAPED, MIN 3-5/8" WIDE BY 1-1/4" DEEP WITH 5/16" FOLDED BACK RETURN FLANGE LEGS. FABRICATED FROM NO. 25 MSG GALV STEEL. MAX STUD SPACING 24" O.C. STUDS TO BE CUT 1" LESS THAN ASSEMBLY HEIGHT.
- GYPSUM BOARD - (1) LAYER 5/8" GYP. BD. EACH SIDE APPLIED PERPENDICULAR TO FRAMING WITH 1" TYPE S STEEL SCREWS SPACED 8" O.C. GYP HELD UP FROM FLOOR MIN 1/4" TO 3/8" FOR INSTALLATION OF ACOUSTIC SEALANT - TYPICAL.
- EXTERIOR SHEATHING - ONE LAYER 5/8" DENSGLASS GYPSUM WALLBOARD APPLIED PARALLEL OR AT RIGHT ANGLES TO WALL STUDS WITH 1-5/8" TYPE S DRYWALL SCREWS 12" O.C.
- METAL PANEL - ALUCOBOND ALUMINUM COPOSITE MATERIAL
- ACM SYSTEM - METAL PANEL EXTRUSIONS AND CLIPS
- AIR/MOISTURE BARRIER - PROVIDE CONTINUOUS BARRIER PROTECTION OVER EXTERIOR SHEATHING.
- BLOCKING - (NOT SHOWN) WOOD BLOCKING AS NEEDED
- JOINT TAPE AND COMPOUND - (NOT SHOWN) VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED TO JOINTS AND SCREW HEADS, PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.

**4 | WALL 04 - EXTERIOR METAL PANEL**  
1 1/2" = 1'-0"

**LABEL 1 HR** **W02A** **W02B** **1 HR NON-BEARING PARTITION**  
DESIGN NUMBER - U419  
SOUND - N/A

- STUDS - CHANNEL-SHAPED, MIN 3-5/8" WIDE BY 1-1/4" DEEP WITH 5/16" FOLDED BACK RETURN FLANGE LEGS. FABRICATED FROM NO. 25 MSG GALV STEEL. MAX STUD SPACING 24" O.C. STUDS TO BE CUT 1" LESS THAN ASSEMBLY HEIGHT. **NOTE: WALL TYPE 'B' USES 6" STUDS IN PLACE OF 3-5/8" STUDS.**
- TYPE X GYP BOARD - 5/8 IN. THICK, 4 FT WIDE. GYPSUM BOARD SECURED TO STUDS WITH 1" LONG TYPE S-12 STEEL SCREWS SPACED 12" O.C. GYPSUM BOARD JOINTS ORIENTED VERTICALLY, LOCATED OVER STUDS AND OFFSET BETWEEN LAYERS. GYP HELD UP FROM FLOOR MIN 1/4" TO 3/8" FOR INSTALLATION OF ACOUSTIC SEALANT - TYPICAL.
- CAULKING AND SEALANTS - A BEAD OF ACOUSTICAL SEALANT APPLIED AROUND THE PARTITION PERIMETER FOR SOUND CONTROL, BOTH SIDES OF WALL.
- BLOCKING - (NOT SHOWN) WOOD BLOCKING AS NEEDED
- 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.

**2 | WALL 02A&B - NON RATED PARTITION**  
1 1/2" = 1'-0"

**LABEL 2 HR** **W01** **2 HR NON-BEARING FIRE BARRIER**  
DESIGN NUMBER - UL U453 2 HOUR FIRE  
59 STC SOUND  
SOUND TEST: RAL-TL84-136

- STUDS - 6" DEEP, 20 GA. STEEL STUD SPACE MAX 24" O.C.
- RESILIENT CHANNEL - 25 MSG GALV. STEEL RESILIENT CHANNELS INSTALLED HORIZONTALLY. SPACED VERTICALLY 24 IN O.C. MAX. FLANGE PORTION ATTACHED TO EACH INTERSECTING STUD WITH 1/2 IN. LONG TYPE S-12 PANHEAD STEEL SCREW.
- GYPSUM BOARD - (2) LAYERS OF 1/2" THICK USG "TYPE C" GYPSUM BOARD APPLIED HORIZONTALLY OR VERTICALLY.
- SOUND ATTENUATION BATTS - FIBERGLASS BATT WITH UL CLASS AS TO SURFACE BURNING CHARACTERISTICS AND OR FIRE RESISTANCE REQUIRED.
- GYPSUM BOARD - (1) LAYER OF 1/2" THICK USG "TYPE C" GYPSUM BOARD APPLIED HORIZONTALLY OR VERTICALLY.
- INSULATION - 2" CONTINUOUS RIGID INSULATION
- EXTERIOR SHEATHING - ONE LAYER 5/8" DENSGLASS GYPSUM WALLBOARD APPLIED PARALLEL OR AT RIGHT ANGLES TO WALL STUDS
- JOINT TAPE AND COMPOUND - (NOT SHOWN) VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED TO JOINTS AND SCREW HEADS, PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
- BLOCKING - (NOT SHOWN) WOOD BLOCKING AS NEEDED FOR OTHER TRADES. GC TO COORDINATE.

**1 | WALL 01 - 2 HR FIRE BARRIER**  
1 1/2" = 1'-0"

NOTE: MAX. 1" SCREWS SECURING GYP BD TO RESILIENT CHANNELS TO PREVENT SCREWS FROM TOUCHING STUDS & SHORT-CIRCUITING RESILIENT CHANNEL

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DESIGN NUMBER - N/A

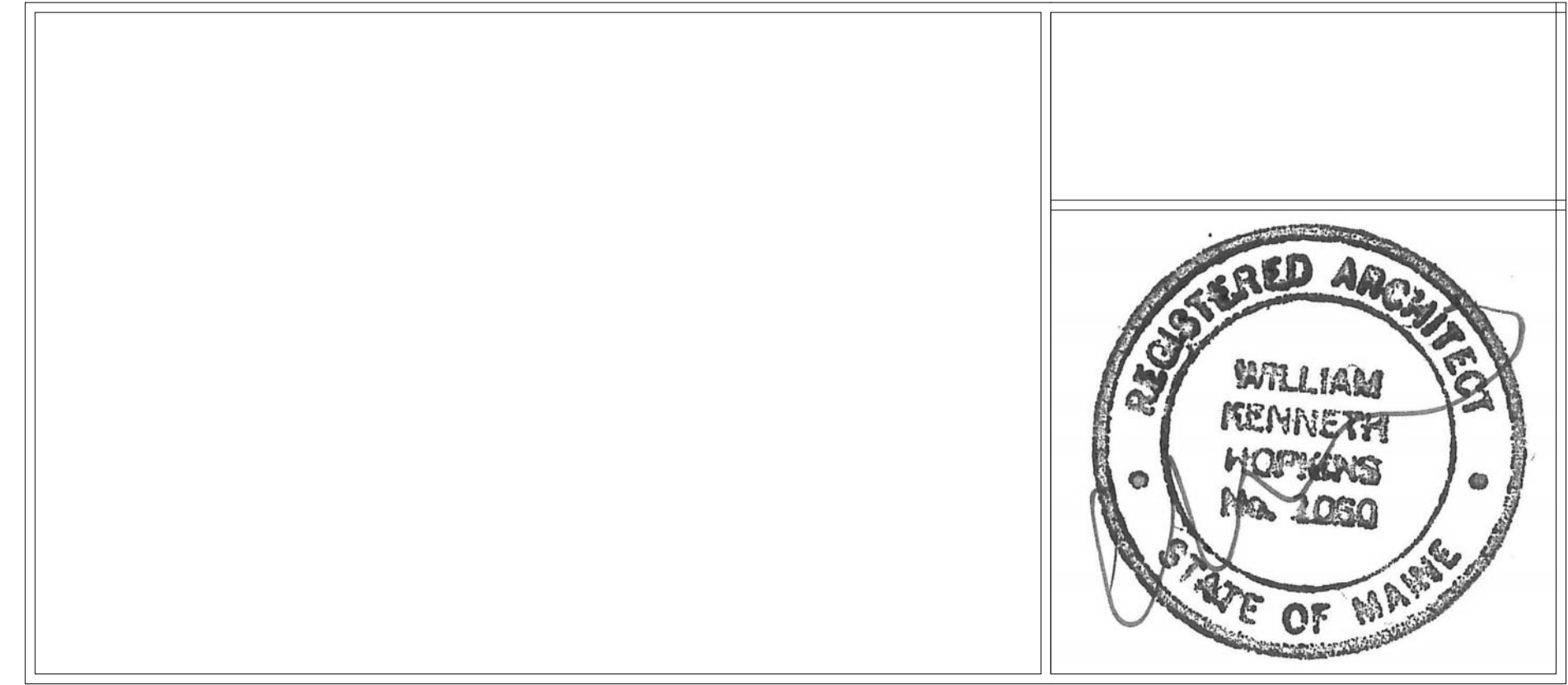
- STUDS - 6" DEEP, 20 GA. STEEL STUD SPACE MAX 24" O.C.
- GYPSUM BOARD - (1) LAYER 5/8" GYP. BD. APPLIED PERPENDICULAR TO FRAMING WITH 1" TYPE S STEEL SCREWS SPACED 8" O.C. GYP HELD UP FROM FLOOR MIN 1/4" TO 3/8" FOR INSTALLATION OF ACOUSTIC SEALANT - TYPICAL.
- SOUND ATTENUATION BATTS - FIBERGLASS BATT WITH UL CLASS AS TO SURFACE BURNING CHARACTERISTICS AND OR FIRE RESISTANCE REQUIRED.
- EXTERIOR SHEATHING - ONE LAYER 5/8" DENSGLASS GYPSUM WALLBOARD APPLIED PARALLEL OR AT RIGHT ANGLES TO WALL STUDS
- INSULATION - 2" CONTINUOUS RIGID INSULATION
- ACM SYSTEM - METAL PANEL EXTRUSIONS AND CLIPS
- METAL PANEL - ALUCOBOND ALUMINUM COPOSITE MATERIAL
- AIR/MOISTURE BARRIER - PROVIDE CONTINUOUS BARRIER PROTECTION OVER EXTERIOR SHEATHING.
- BLOCKING - (NOT SHOWN) WOOD BLOCKING AS NEEDED
- JOINT TAPE AND COMPOUND - (NOT SHOWN) VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED TO JOINTS AND SCREW HEADS, PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
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**5 | WALL 05 - EXTERIOR INSULATED METAL PANEL**  
1 1/2" = 1'-0"

**LABEL 2 HR** **W03** **2 HR BEARING FIRE BARRIER**  
DESIGN NUMBER - UL - U905

- CONCRETE BLOCKS - CLASSIFICATION D-2 (2HR) 8" NOM. THICKNESS.
- 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.
- REINFORCING - SEE STRUCTURAL

**3 | WALL 03 - 2 HR FIRE BARRIER**  
1 1/2" = 1'-0"



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|--|---|--------------------------|
| Prepared For:<br><b>Owner</b>  | Project:<br><b>Ocean Gateway Addition</b> | Revisions:               |
| P.O. Box 7486<br>Portland, ME 04112  | 167 Fore Street<br>Portland, Maine        |                          |
| Architect:<br><b>ARCHETYPE Architects</b><br>48 Union Wharf Portland, Maine 04101<br>(207) 772-6022 ARCHETYPE@ARCHETYPEPEA.COM | Date:<br>--/--/----                       | Scale:<br>1 1/2" = 1'-0" |
| <b>Wall Types</b>  |   | <b>A4.00</b>             |