NON-RATED, NON-BEARING PARTITION

STUDS - CHANNEL SHAPED, FABRICATED FROM MIN 25 MSG CORROSION-PROTECTED STEEL, MIN DEPTH AS INDICATED UNDER ITEM 5, SPACED A MAX OF 24 IN. OC. STUDS TO BE CUT 3/8 TO 3/4 IN. LESS THAN ASSEMBLY HEIGHT. NOTE: WALL TYPE 'B' USES 6" STUDS IN PLACE OF 3-5/8" STUDS. MSG CORROSION-PROTECTED STEEL, MIN DEPTH TO

CEILING RUNNER - CHANNEL SHAPED, FABRICATED FROM MIN 25 ACCOMMODATE STUD SIZE, WITH MIN 1-1/4 IN. LONG LEGS, ATTACHED TO CONCRETE DECK WITH FASTENERS 24 IN. OC TYPE X GYP BOARD - (1) LAYERS EA. SIDE. 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 PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUDS. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING, HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE

STAGGERED. NOTE: USE TYPE MRX MOISTURE RESISTANT GYP BD AT ALL INTERIOR FACES OF BATH ROOMS **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. **BASE -** SEE FINISH SCHEDULE

FLOOR RUNNER - CHANNEL SHAPED, FABRICATED FROM MIN 25 MSG CORROSION-PROTECTED STEEL, MIN DEPTH TO ACCOMMODATE STUD SIZE, WITH MIN 1-1/4 IN. LONG LEGS, ATTACHED TO CONCRETE DECK WITH FASTENERS 24 IN. OC

<u>I HR NON-BEARING PARTITION</u> **W25A W25B DESIGN NUMBER - U419**

STUDS - CHANNEL SHAPED, FABRICATED FROM MIN 25 MSG CORROSION-PROTECTED STEEL, MIN DEPTH AS INDICATED UNDER ITEM 5, SPACED A MAX OF 24 IN. OC. STUDS TO BE CUT 3/8 TO 3/4 IN. LESS THAN ASSEMBLY HEIGHT. NOTE: WALL TYPE 'B' USES 6" STUDS IN PLACE OF 3-5/8" STUDS. **CEILING RUNNER -** CHANNEL SHAPED, FABRICATED FROM MIN 25 MSG CORROSION-PROTECTED STEEL, MIN DEPTH TO ACCOMMODATE STUD SIZE, WITH MIN 1-1/4 IN, LONG LEGS. ATTACHED TO CONCRETE DECK WITH FASTENERS 24 IN. OC

TYPE X GYP BOARD - (1) LAYERS EA. SIDE. 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 PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUDS. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED. NOTE: USE TYPE MRX MOISTURE RESISTANT GYP BD AT ALL INTERIOR FACES OF BATH ROOMS 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. **BASE - SEE FINISH SCHEDULE**

FLOOR RUNNER - CHANNEL SHAPED, FABRICATED FROM MIN 25 MSG CORROSION-PROTECTED STEEL, MIN DEPTH TO ACCOMMODATE STUD SIZE, WITH MIN 1-1/4 IN. LONG LEGS, ATTACHED TO CONCRETE DECK WITH FASTENERS 24 IN. OC

LABEL 2 HR

DECK

1" 1 1/4" 5/8"

3 1/2"

HR NON-BEARING SHAFT WALL DESIGN NUMBER - UL - U415 SYSTEM B 48 STC SOUND - BSA 542-68-SM

FLOOR, SIDE AND CEILING RUNNER - (NOT SHOWN) "J" -SHAPED RUNNER, MIN. 4 IN DEEP, WITH UNEQUAL LEGS OF 1 IN AND 2 IN. FABRICATED FROM MIN 24 MSG GALV. STL. RUNNERS POSITIONED WITH SHORT LEG TOWARD FINISHED SIDE OF WALL. RUNNERS ATTACHED TO STRUCTURAL SUPPORTS WITH STEEL FASTENERS LOCATED NOT GREATER THAN 2 IN FROM ENDS AND NOT GREATER THAN 24 IN. O.C. STEEL STUDS - "C-H" SHAPED STUDS, 2 1/2" DEEP, FABRICATED

FROM MIN 25 MSG GALV STL AND SPACED 24" O.C. GYPSUM BOARD - GYPSUM LINER PANELS, NOM. 1 IN THICK, 24 IN WIDE. VERTICAL EDGES INSERTED IN "H" PORTION OF "C-H" STUDS, FREE EDGES OF PANELS ATTACHED TO LONG LEG OF THE VERTICAL "J" - RUNNERS WITH 1 5/8 IN LONG TYPE S STEEL SCREWS SPACED NOT GREATER THAN 12 IN O.C. WHEN WALL HEIGHT EXCEEDS PANEL LENGTH, LINER PANELS MAY BE BUTTED TO EXTEND THE FULL HEIGHT OF THE WALL. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING, WALLBOARD STRIPS CENTERED OVER BUTT JOINT

AND SECURED TO LINER PANELS WITH SIX 1 1/2 IN LONG TYPE G STEEL SCREWS, THREE SCREWS ALONG THE 22 IN DIMENSION AT THE TOP AND BOTTOM OF THE STRIPS. NOTE: **USE TYPE MRX MOISTURE RESISTANT GYP BD AT ALL** INTERIOR FACES OF BATH ROOMS GYPSUM BOARD - (2) 5/8 IN. THICK, 4 FT TYPE X GYPSUM

PANELS ORIENTED VERTICALLY AND STAGGERED 12 IN. ATTACH BASE LAYER TO STUDS WITH 1 IN LONG TYPE S STEEL SCREWS SPACED 12 IN. O.C. AND ATTACH THE FINISH LAYER WITH 1 5/8 IN TYPE S STEEL SCREWS SPACED 12" O.C.

SOUND BATT - GLASS FIBER BATTS COMPLETELY FILLING STUD CAVITY. ANY GLASS FIBER BATT BEARING THE UL CLASSIFICATION MARKING AS TO FIRE RESISTANCE. **SEALANT** - UL AND STC LISTED SEALANT FULL PERIMETER

BOTH SIDES. 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.

CEILING - SEE ID **SCHEDULED BASE - SEE ID**

NOTE: CONSTRUCT AS YOU WOULD BUILD AN AREA SEPARATION WALL FROM THE BOTTOM UP. CUT LINER PANELS AND STUDS FULL LENGTH THEN PLACE J-RUNNERS ON TOP AND BUILD NEXT FLOOR SECTION. VERTICALLY ALIGN ALL CH-STUDS.

LABEL 1 HR

I HR NON-BEARING FIRE BARRIER DESIGN NUMBER - UL U451 1 HOUR FIRE 54 STC SOUND **SOUND TEST: RAL-TL83-216**

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. CEILING RUNNER - CHANNEL-SHAPED RUNNERS, MIN 2-1/2 IN.

WIDE BY 1-1/4 IN. DEEP, FABRICATED FROM NO. 20 MSG GALV STEEL. ATTACHED TO CONCRETE DECK WITH FASTENERS, 24 IN. OC, MAX.

RESILIENT CHANNEL - 25 MSG GALV STEEL RESILIENT CHANNELS SPACED VERTICALLY MAX 24 IN. OC, FLANGE PORTION ATTACHED TO EACH INTERSECTING STUD WITH 1/2 IN. LONG TYPE S-12 PAN HEAD STEEL SCREWS.

LLOYD NO. 936

Portland

GYP BOARD - NOM. 5/8 IN. THICK GYPSUM PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUDS. NOTE: USE TYPE MRX MOISTURE RESISTANT GYP BD AT ALL

INTERIOR FACES OF BATH ROOMS **SOUND ATTENUATION BATTS - FIBERGLASS BATT WITH UL CLASS** AS TO SURFACE BURNING CHARACTERISTICS AND OR FIRE

RESISTANCE REQUIRED

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. **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 FOR OTHER TRADES. GC TO COORDINATE.

SCHEDULED BASE - SEE FINISH SCHEDULE FLOOR RUNNER - CHANNEL-SHAPED RUNNERS. MIN 2-1/2 IN. WIDE BY 1-1/4 IN. DEEP, FABRICATED FROM NO. 20 MSG GALV STEEL. ATTACHED TO CONCRETE DECK WITH FASTENERS, 24 IN. OC, MAX.

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

METAL CONTROL JOINT

(2) CONTINUOUS TYPE 'X' GYP STRIPS

CONTROL JOINT EVERY 30'-0"

O.C.

1 1/2" = 1'-0"

LABEL 1 HR

W21 WALL 21 - CORRIDOR NON-BEARING WALL

W27 WALL 27A&B - NON-RATED PARTITION

W25 WALL 25A&B - 1 HOUR RATED PARTITION

SOUND - N/A

2 HR NON-BEARING PARTITION

-4 7/8", B=7 3/4"

W23 WALL 23 - SHAFT WALL ASSEMBLY

LABEL 2 HR

<u> HR BEARING FIRE BARRIER</u>

DESIGN NUMBER - UL - U905 STC SOUND - N/A

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

HR NON-BEARING FIRE BARRIER DESIGN NUMBER - UL U420 - 1 HOUR FIRE 52 STC SOUND - RAL TL-76-155

CEILING RUNNER - CHANNEL SHAPED, MIN 1-5/8 IN. WIDE FABRICATED FROM NO. 25 MSG, ATTACHED TO UNDERSIDE OF CONCRETE DECK WITH FASTENERS 24 IN. OC. MAX. STEEL STUDS - CHANNEL SHAPED STUDS, 3-5/8 IN. WIDE, FABRICATED FROM NO. 25 MSG GALV STEEL. SPACED A MAX OF 24 IN. OC. STUDS TO BE CUT 3/4 IN. LESS THAN ASSEMBLY HEIGHT. LATERAL BRACING - (NOT SHOWN) CUT FROM THE GYPSUM WALLBOARD, 9-1/2 IN. LONG AND 12 IN. WIDE, FASTENED TO THE STUDS WITH THREE TYPE S WALLBOARD SCREWS IN EACH STUD. VERTICAL SPACING OF BRACING NOT TO EXCEED 48 IN. OC. GYP BOARD - NOM 5/8 IN. THICK, 4 FT. WIDE, GYPSUM PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY. SINGLE LAYER INSTALLED ON EACH SIDE OF THE STEEL STUDS. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUDS HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED. PANELS

ATTACHED TO STEEL STUDS AND FLOOR RUNNER WITH 1 IN. LONG TYPE S STEEL SCREWS SPACED 8 IN. OC WHEN APPLIED HORIZONTALLY, OR 8 IN. OC ALONG VERTICAL AND BOTTOM EDGES AND 12 IN. OC IN THE FIELD WHEN APPLIED VERTICALLY. NOTE: USE TYPE MRX MOISTURE RESISTANT GYP BD AT ALL INTERIOR FACES INSULATION - FIBER, DRY. DENSE-PACKED CELLULOSE MATERIAL.

USING FILL TUBE, 100% OF EACH CAVITY WILL BE FILLED. THE FIBER IS APPLIED WITHOUT WATER OR ADHESIVE AT A NOMINAL DRY DENSITY OF 3.5 LB/FT3. IN ACCORDANCE WITH THE APPLICATION

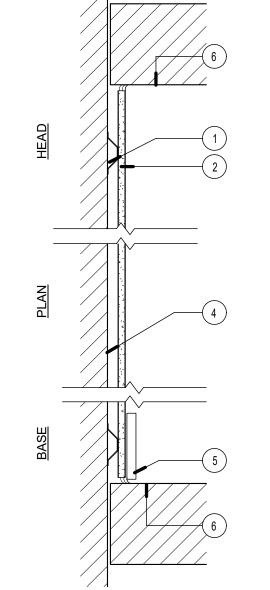
INSTRUCTIONS SUPPLIED WITH THE PRODUCT. JOINT TAPE AND COMPOUND - (NOT SHOWN) VINYL, DRY OR PREMIXED JOINT COMPOUND. APPLIED TO JOINTS AND SCREW HEADS; PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF **CAULKING AND SEALANTS - A BEAD OF ACOUSTICAL SEALANT**

CONTROL, BOTH SIDES OF WALL SOUND CONTROL - (NOT SHOWN) - ALL J-BOXES INCLUDING SWITCHES AND OUTLETS SHALL BE SEALED WITH PUTTY PACKS IN ALL SOUND-RATED WALLS - ALTERNATIVELY CONTRACTOR CAN ELECT TO USE LESSCO BOXES, WITH THE FRONT FLANGE SEALED

TO GYP FACE WITH CAULK. SCHEDULED BASE - SEE FINISH SCHEDULE FLOOR RUNNER - CHANNEL SHAPED, 3-5/8 IN. WIDE FABRICATED FROM NO. 25 MSG, ATTACHED TO TOP OF CONCRETE DECK WITH

FASTENERS 24 IN. OC. MAX. METAL STUD BLOCKING -- (NOT SHOWN) AT 48" O.C. VERTICALLY

TO PREVENT INSULATION SAG.



1 1/2" = 1'-0"

NON-RATED NON-BEARING WALL FURRING -- STC SOUND - N/A

HAT CHANNEL - HAT SHAPED 7/8" GALV HAT CHANNEL GYPSUM BOARD - (1) LAYER 5/8" GYP. BD. APPLIED PERPENDICULAR TO FRAMING WITH 1" TYPE S STEEL SCREWS SPACED 8" O.C. NOTE: USE TYPE MRX MOISTURE RESISTANT GYP BD AT ALL INTERIOR FACES OF BATH ROOMS

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.

EXISTING WALL SCHEDULED BASE UNDERSIDE OF STRUCTURE TOP OF STRUCTURE

W26 WALL 26 - FURRING WALL - HAT CHANNEL

LABEL 2 HR | W24A | W24B

3 5/8" | 6"

STUDS - CHANNEL SHAPED. FABRICATED FROM MIN 25 MSG CORROSION-PROTECTED STEEL, MIN DEPTH AS INDICATED UNDER ITEM 5, SPACED A MAX OF 24 IN. OC. STUDS TO BE CUT 3/8 TO 3/4 IN. LESS THAN ASSEMBLY HEIGHT. NOTE: WALL TYPE 'B' USES 6" STUDS IN PLACE OF 3-5/8" STUDS. **CEILING RUNNER -** CHANNEL SHAPED, FABRICATED FROM MIN 25 MSG CORROSION-PROTECTED STEEL, MIN DEPTH TO ACCOMMODATE STUD SIZE. WITH MIN 1-1/4 IN. LONG LEGS. ATTACHED TO CONCRETE DECK WITH FASTENERS 24 IN. OC

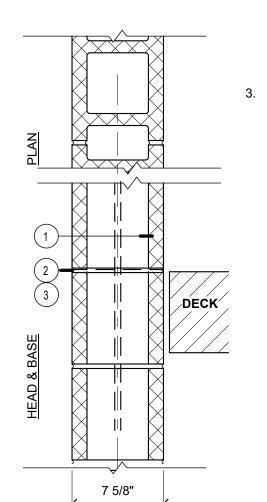
TYPE X GYP BOARD - (2) LAYERS EA. SIDE. 5/8 IN. THICK, 4 FT WIDE. GYPSUM BOARD SECURED TO STUDS WITH 1" LONG TYPE AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF

S-12 STEEL SCREWS SPACED 12" O.C. GYPSUM PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY. VERTICAL JOINTS CENTERED OVER STUDS STUDS. VERTICAL JOINTS IN ADJACENT LAYERS (MULTILAYER SYSTEMS) STAGGERED ONE STUD CAVITY. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS IN ADJACENT LAYERS (MULTILAYER SYSTEMS) STAGGERED A MIN OF 12 IN. NOTE: USE TYPE MRX MOISTURE RESISTANT GYP BD AT ALL INTERIOR FACES OF BATH ROOMS **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. BASE - SEE FINISH SCHEDULE **FLOOR RUNNER -** CHANNEL SHAPED, FABRICATED FROM MIN 25 MSG CORROSION-PROTECTED STEEL, MIN DEPTH TO ACCOMMODATE STUD SIZE, WITH MIN 1-1/4 IN, LONG LEGS

ATTACHED TO CONCRETE DECK WITH FASTENERS 24 IN. OC



THAN 50 PERCENT HYDRATED LIME (BY CEMENT VOLUME). VERTICAL JOINTS STAGGERED. **REINFORCING - SEE STRUCTURAL** 8"

9 1/4"

OF BATH ROOMS COMPOUND OVER ALL JOINTS.

APPLIED AROUND THE PARTITION PERIMETER FOR SOUND

W24 WALL 24A&B - 2 HOUR RATED PARTITION 1 1/2" = 1'-0"

-6 1/8", B=8.5

W22 WALL 22 - CMU 1 1/2" = 1'-0"

W20 WALL 20 - DEMISING WALL 1 1/2" = 1'-0"

 $\mathcal{C}_{\mathbf{J}}$

ALI

INTERIOR