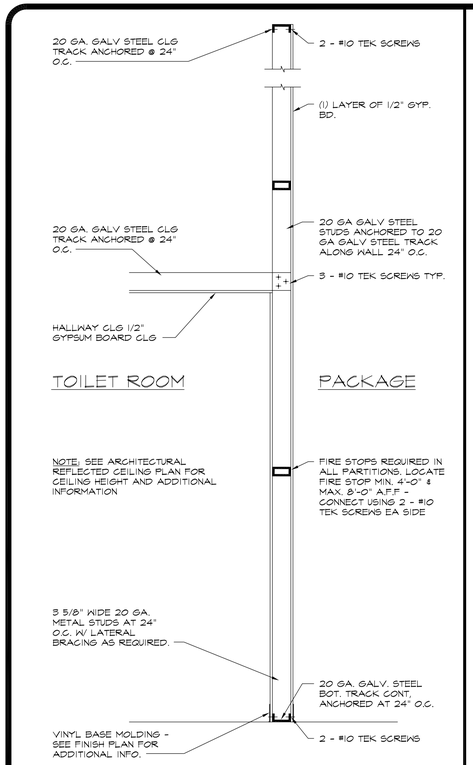
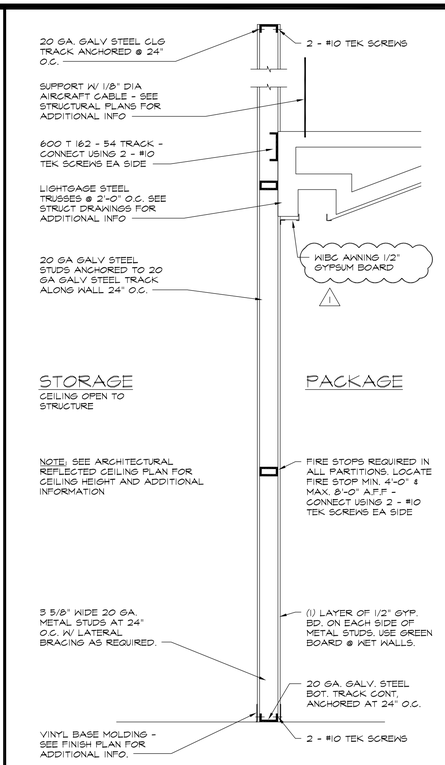


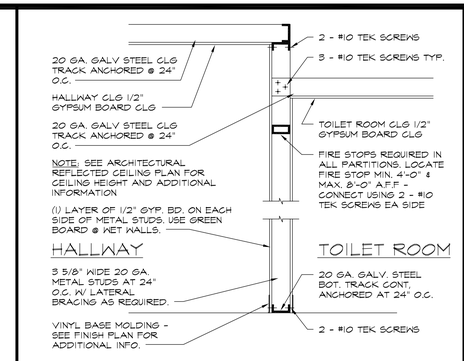
1 A-3 SECTION @ TOILET ROOM / PACKAGE

SCALE: 3/4" = 1'-0"



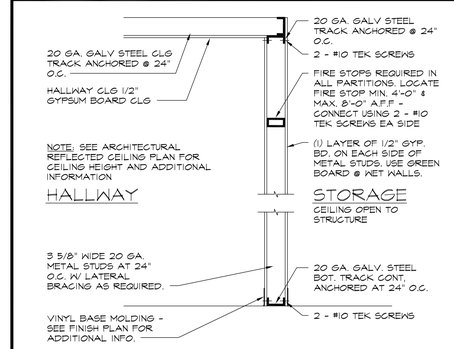
2 A-3 SECTION @ STORAGE / PACKAGE

SCALE: 3/4" = 1'-0"



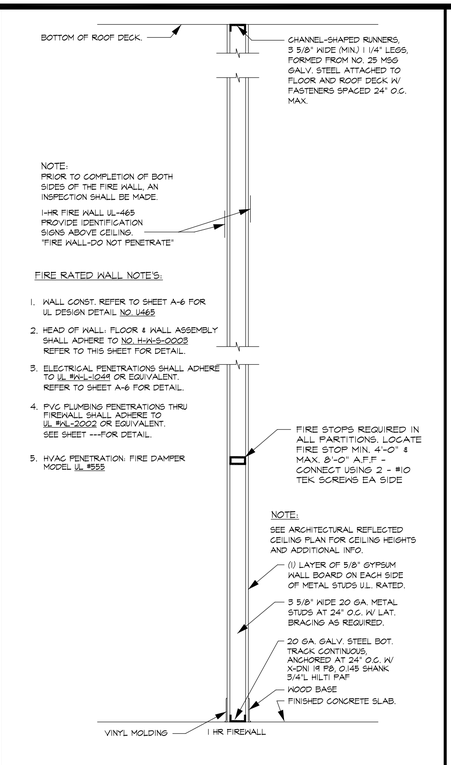
3 A-3 SECTION @ TOILET ROOM / HALLWAY

SCALE: 3/4" = 1'-0"



4 A-3 SECTION @ STORAGE / HALLWAY

SCALE: 3/4" = 1'-0"



5 A-3 FIREWALL SECTION

SCALE: 3/4" = 1'-0"

1 HOUR RATED

1. FLOOR AND CEILING RUNNERS - (NOT SHOWN) - CHANNEL-SHAPED RUNNERS, 3-5/8" WIDE (MIN.), 1-1/4" LEGS, FORMED FROM MIN. NO. 25 MSG (MIN. NO. 20 MSG WHEN ITEM 4C IS USED) GALV. STEEL, ATTACHED TO FLOOR AND CEILING WITH FASTENERS SPACED 24" O.C. MAX.

2. STEEL STUDS - CHANNEL SHAPED, 3-5/8" WIDE (MIN.), 1-1/4" LEGS, 5/8" FOLDED BACK RETURNS, FORMED FROM MIN. NO. 25 MSG (MIN. NO. 20 MSG WHEN ITEM 4C IS USED) GALV. STEEL SPACED 24" O.C. MAX.

3. BATTS AND BLANKETS* - (OPTIONAL) - MINERAL WOOL OR GLASS FIBER BATTS PARTIALLY OR COMPLETELY FILLING STUD CAVITY SEE BATTS AND BLANKETS (BZUZ) CATEGORY FOR NAMES OF CLASSIFIED COMPANIES.

3A. FIBER, SPRAYED* - AS AN ALTERNATE TO BATTS AND BLANKETS (ITEM 3) - SPRAY APPLIED CELLULOSE INSULATION MATERIAL, THE FIBER IS APPLIED WITH WATER TO COMPLETELY FILL THE ENCLOSED CAVITY IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. NOMINAL DRY DENSITY OF 3.0 LB/FT3.
US GREENFIBER LLC - COCOON STABILIZED CELLULOSE INSULATION.

4. GYPSUM BOARD* - 5/8" THICK, 4' WIDE, ATTACHED TO STEEL STUDS AND FLOOR AND CEILING TRACK WITH 1" LONG, TYPE S STEEL SCREWS SPACED 8" O.C. ALONG EDGES OF BOARD AND 12" O.C. IN THE FIELD OF THE BOARD. JOINTS ORIENTED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY. WHEN ATTACHED TO ITEM 6 (RESILIENT CHANNELS) OR 6A (FURRING CHANNELS), WALLBOARD IS SCREW ATTACHED TO FURRING CHANNELS WITH 1" LONG, TYPE S STEEL SCREWS SPACED 12" O.C.
AMERICAN GYPSUM CO - TYPES AG-C, AGX-C.
BEIJING NEW BUILDING MATERIALS CO LTD - TYPE DBX-I
CANADIAN GYPSUM COMPANY - TYPES AR, C, IP-AR, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX.
CONTINENTAL GYPSUM COMPANY - TYPES CG-C, CGS-5, CGS-6, CGX-9, CGTC-C.
G-P GYPSUM CORP, SUB OF GEORGIA-PACIFIC CORP - TYPES 5, 9, C, DGG, DS, GPTS6.
JAMES HARDIE GYPSUM INC - TYPE MAX "C" OR FIRE X.
LAFARGE NORTH AMERICA INC - TYPES LGFC2, LGFC2A, LGFC6, LGFC6A, LGFC-C, LGFC-C/A
NATIONAL GYPSUM CO - TYPES FSK-C, FSK-G, FSW-C, FSW-G, FSW.
NORGIPS A/S - NORFIRE XA.
PABCO GYPSUM, DIV OF PACIFIC COAST BUILDING PRODUCTS INC - TYPE PG-C.
TEMPLE-INLAND FOREST PRODUCTS CORP - TYPE TG-C
UNITED STATES GYPSUM CO - TYPE AR, C, FRX-G, IP-AR, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX.
USG MEXICO S A DE C V - TYPE AR, C, IP-AR, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX.
WESTROC INC - TYPE WESTROC FI-ROC.

4A. GYPSUM BOARD* - (AS ALTERNATE TO ITEM 4) - NOM 5/8" 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. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED OR BACKED. PANELS ATTACHED TO STEEL STUDS AND FLOOR RUNNER WITH 1" LONG TYPE S STEEL SCREWS SPACED 8" O.C. WHEN APPLIED HORIZONTALLY, OR 8" O.C. ALONG VERTICAL AND BOTTOM EDGES AND 12" O.C. IN THE FIELD WHEN PANELS ARE APPLIED VERTICALLY.
CANADIAN GYPSUM COMPANY - TYPES AR, C, IP-AR, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX.
UNITED STATES GYPSUM COMPANY - TYPES AR, C, FRX-G, IP-AR, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX.
USG MEXICO S A DE SV - TYPES AR, C, IP-AR, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX.

4B. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEMS 4 OR 4A) - NOM 3/4" THICK, 4' WIDE, INSTALLED AS DESCRIBED IN ITEM 4A WITH SCREW LENGTH INCREASED TO 1-1/4"
CANADIAN GYPSUM COMPANY - TYPES AR, IP-AR.
UNITED STATES GYPSUM CO - TYPES AR, IP-AR.
USG MEXICO S A DE C.V. - TYPES AR, IP-AR.

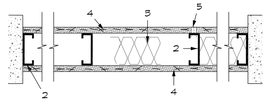
4C. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEMS 4, 4A AND 4B) - 5/8" THICK GYPSUM PANELS, INSTALLED AS DESCRIBED IN ITEM 4A WITH TYPE S-12 STEEL SCREWS. THE LENGTH AND SPACING OF THE SCREWS AS SPECIFIED UNDER ITEM 4A.
CANADIAN GYPSUM COMPANY - TYPE FRX.
UNITED STATES GYPSUM CO - TYPE FRX.

5. JOINT TAPE AND COMPOUND - VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS; PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS. AS AN ALTERNATE, NOMINAL 3/32" THICK GYPSUM VENEER PLASTER MAY BE APPLIED TO THE ENTIRE SURFACE OF CLASSIFIED VENEER BASEBOARD. JOINTS REINFORCED.

6 RESILIENT CHANNEL - (OPTIONAL-NOT SHOWN) - 25 MSG GALV STEEL RESILIENT CHANNELS SPACED VERTICALLY MAX 24" O.C., FLANGE PORTION ATTACHED TO EACH INTERSECTING STUD WITH 1/2" LONG TYPE S-12 PANHEAD STEEL SCREWS. NOT FOR USE WITH TYPE FRX GYPSUM PANELS.

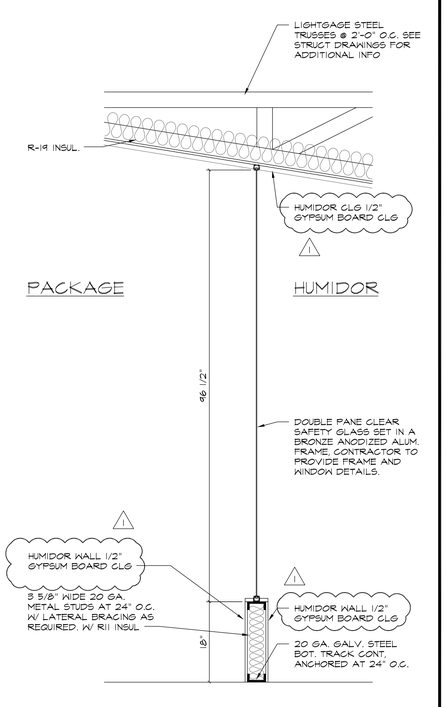
6A. STEEL FRAMING MEMBERS (NOT SHOWN)* - AS AN ALTERNATE TO ITEM 3, FURRING CHANNELS AND RESILIENT SOUND ISOLATION CLIP AS DESCRIBED BELOW:
A. FURRING CHANNELS - FORMED OF NO. 25 MSG GALV STEEL, 2-3/8" WIDE BY 7/8" DEEP, SPACED 24" O.C. PERPENDICULAR TO STUDS. CHANNELS SECURED TO STUDS AS DESCRIBED IN ITEM B.
B. STEEL FRAMING MEMBERS* - USED TO ATTACH FURRING CHANNELS (ITEM A) TO STUDS (ITEM 1). CLIPS SPACED 48" O.C. AND SECURED TO STUDS WITH 1 5/8" WAFER OR HEX HEAD TYPE S STEEL SCREW THROUGH THE CENTER GROMMET. FURRING CHANNELS ARE FRICTION FITTED INTO CLIPS.
PAC INTERNATIONAL - TYPE RSIC-1.

*BEARING THE UL CLASSIFICATION MARK.



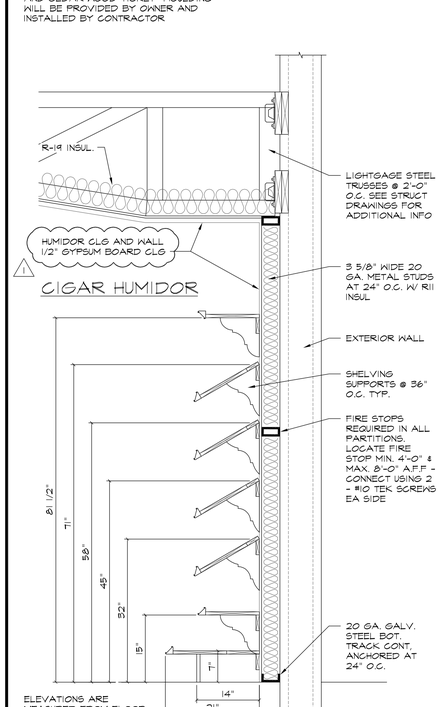
11 A-3 DESIGN NO. U465

SCALE: NTS



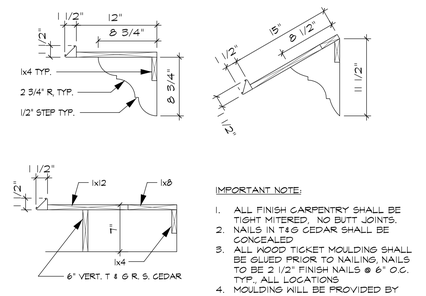
6 A-3 SECTION @ HUMIDOR

SCALE: 3/4" = 1'-0"



7 A-3 SECTION @ HUMIDOR SHELVING

SCALE: 3/4" = 1'-0"

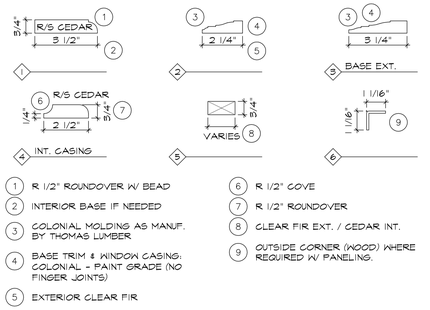


IMPORTANT NOTE:

1. ALL FINISH CARPENTRY SHALL BE TIGHT MITERED. NO BUTT JOINTS.
2. NAILS IN T&G CEDAR SHALL BE CONCEALED
3. ALL WOOD TICKET MOULDING SHALL BE GLUED PRIOR TO NAILING. NAILS TO BE 2 1/2" FINISH NAILS @ 6" O.C. TYP. ALL LOCATIONS.
4. MOULDING WILL BE PROVIDED BY OWNER AND INSTALLED BY G.C.

8 A-3 HUMIDOR SHELVING DETAILS

SCALE: 3/4" = 1'-0"



1. R 1/2" ROUNDOVER W/ BEAD
2. INTERIOR BASE IF NEEDED
3. COLONIAL MOLDING AS MANUF. BY THOMAS LUMBER
4. BASE TRIM & WINDOW CASING: COLONIAL - PAINT GRADE (NO FINGER JOINTS)
5. EXTERIOR CLEAR FIR
6. R 1/2" COVE
7. R 1/2" ROUNDOVER
8. CLEAR FIR EXT. / CEDAR INT.
9. OUTSIDE CORNER (WOOD) WHERE REQUIRED W/ PANELING.

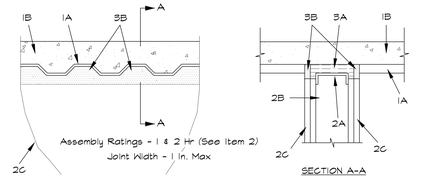
9 A-3 INTERIOR FINISH DETAILS

SCALE: 3" = 1'-0"

1. FLOOR ASSEMBLY - THE FIRE-RATED FLUTED STEEL DECK/CONCRETE FLOOR ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL FLOOR-CEILING DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
   A. STEEL FLOOR AND FORM UNITS* - MAX 1-1/2 IN. DEEP GALV OR PHOS/PAINTED FLUTED UNITS.
   B. CONCRETE - MIN 5 IN. THICK REINFORCED CONCRETE, AS MEASURED FROM THE TOP PLANE OF THE FLOOR UNITS.
2. WALL ASSEMBLY - THE 1 OR 2 HR. FIRE RATED GYPSUM WALLBOARD/STEEL STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U400-SERIES WALL OR PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
   A. STEEL FLOOR AND CEILING RUNNERS - FLOOR AND CEILING RUNNERS OF WALL ASSEMBLY SHALL CONSIST OF MIN 25 GAUGE GALV STEEL CHANNELS SIZED TO ACCOMMODATE STEEL STUDS (ITEM 2B). CEILING RUNNER TO BE PROVIDED WITH MIN 1-1/4 IN. FLANGES. CEILING RUNNER SECURED TO VALLEYS OF STEEL FLOOR UNITS (ITEM 1A) WITH STEEL FASTENERS OF BY WELDS SPACED MAX 24 IN. OC.
   B. STUDS - STEEL STUDS TO BE MIN 3-5/8 IN. WIDE. STUDS CUT 1 IN. LESS IN LENGTH THAN ASSEMBLY HEIGHT WITH BOTTOM NESTING IN AND RESTING ON THE FLOOR RUNNER AND WITH TOP NESTING IN CEILING RUNNER WITHOUT ATTACHMENT. STUD SPACING NOT TO EXCEED 24 IN. OC.
   C. GYPSUM BOARD* - WALL BOARD SHEETS INSTALLED TO A MIN TOTAL THICKNESS OF 1/2 OR 1 IN. ON EACH SIDE OF WALL FOR AN 1 OR 2 HR FIRE RATED WALL, RESPECTIVELY. WALL TO BE CONSTRUCTED AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY, EXCEPT THAT A NOM 1 IN. GAP SHALL BE MAINTAINED BETWEEN THE TOP OF THE WALLBOARD AND THE BOTTOM OF THE STEEL FLOOR UNITS AND THE TOP ROW OF SCREWS SHALL BE INSTALLED INTO THE STUDS 1-3/4 IN. BELOW THE VALLEYS OF THE STEEL FLOOR UNITS. THE HOURLY FIRE RATING OF THE JOINT SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL.
3. JOINT SYSTEM - MAX SEPARATION BETWEEN BOTTOM OF FLOOR AND TOP OF WALL IS 1 IN. THE JOINT SYSTEM CONSISTS OF A FORMING MATERIAL AND A FILL MATERIAL IN THE FLUTES OF THE STEEL FLOOR UNITS AND BETWEEN THE TOP OF THE WALLBOARD AND BOTTOM OF THE STEEL FLOOR UNITS, AS FOLLOWS:
   A. PACKING MATERIAL - FOR 1 OR 2 HR RATED DESIGNS, A 3-1/2 IN. OR 4-1/2 IN. THICKNESS, RESPECTIVELY, OF MIN 4 PCF DENSITY MINERAL WOOL BATT INSULATION IS FIRMLY PACKED INTO FLUTES OF THE STEEL FLOOR UNITS AND BETWEEN THE TOP OF THE WALLBOARD AND BOTTOM OF THE STEEL FLOOR UNITS, AND RECESSED FROM EACH SURFACE OF WALL TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
   B. FILL, VOID OR CAVITY MATERIAL* - MIN 1/2 IN. THICKNESS OF FILL MATERIAL INSTALLED ON EACH SIDE OF THE WALL IN THE FLUTES OF THE STEEL FLOOR UNITS AND BETWEEN THE TOP OF THE WALLBOARD AND THE BOTTOM OF THE STEEL FLOOR UNITS (CONCRETE FLOOR), FLUSH WITH EACH SURFACE OF WALLBOARD.

   3M COMPANY - CP 25WB+ OR FB-3000 WT

*BEARING THE UL CLASSIFICATION MARK



10 A-3 DETAIL NO. H-W-S-0003

SCALE: NTS

(HEAD OF WALL)

12 A-3 RESERVED

SCALE:

REVISIONS	BY
OWNER REVISION 7-30-10	MCM

ARTERBURY ARCHITECTS, INC.
AA26000718
1009 MAITLAND CENTER COMMONS BLVD
(SUITE 216) MAITLAND, FL. 32751
TEL: (407) 774-2233
FAX: (407) 774-7377

ABC LIQUORS, INC.
8989 S. ORANGE AVE. - ORLANDO, FL.A. 32809

ABC STORE NO. 43
VERO BEACH CENTURY TOWN CENTER

ARCHITECTURAL DETAILS

DRAWN:	M. MAISCO
CHECKED:	S. RIVERA
DATE:	5-15-09
SCALE:	AS NOTED
JOB No:	43

SHEET

A-3