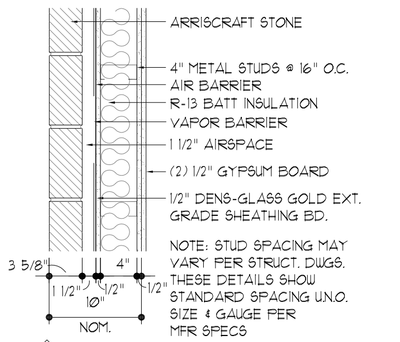
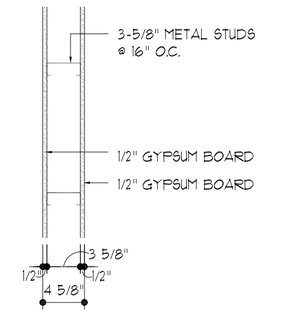


1 UL #U418 1 HR FIRE RATED

1A ELIMINATE 1/2" GYP & INSUL.

1B 6" METAL STUDS @ 16" O.C.

1C 6" METAL STUDS @ 16" O.C.
ELIMINATE 1/2" GWB

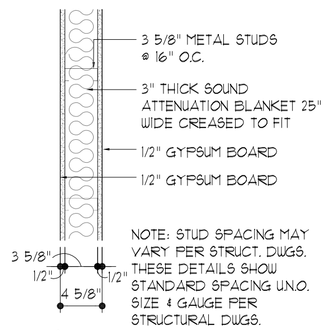


2

2A 4" METAL STUDS @ 16" O.C.
STC 40

2B 6" METAL STUDS @ 16" O.C.
STC 40

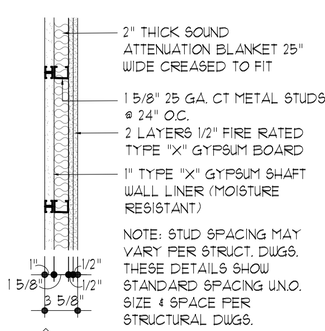
2C 2 1/2" METAL STUDS @ 16" O.C.



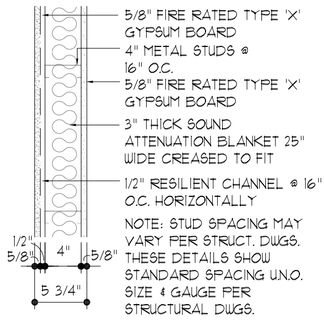
3 STC 49

3A 4" METAL STUDS @ 16" O.C.

3B 6" METAL STUDS @ 16" O.C.



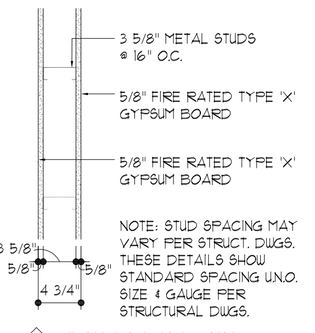
4 UL #U428 2 HR FIRE RATED SHAFT



5 UL #U451 1 HR FIRE RATING
STC 55

5A 4" METAL STUDS

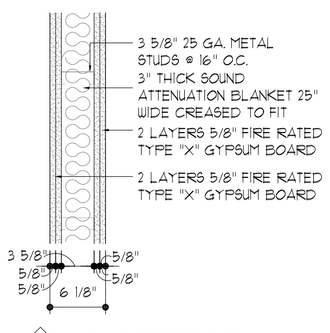
5B 6" METAL STUDS



6 UL #U465 1 HR FIRE RATING
STC 40

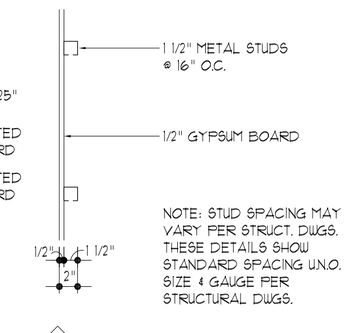
6A ADD 3" THICK SOUND ATTENUATION BLANKET 25" WIDE CREASED TO FIT STC 49

6B 6" METAL STUDS, ADD 3" THICK SOUND ATTENUATION BLANKET 25" WIDE CREASED TO FIT STC 49



7 UL #U411 2 HR FIRE RATING
STC 56

7A 6" METAL STUDS



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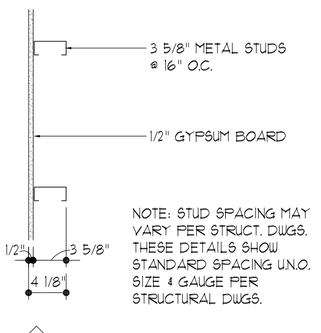

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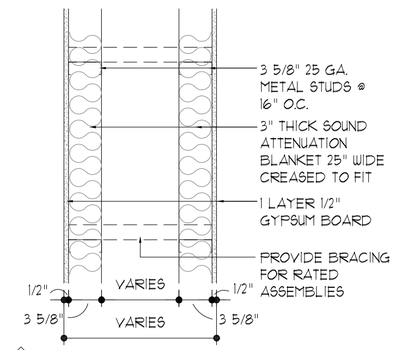
9A 6" METAL STUDS

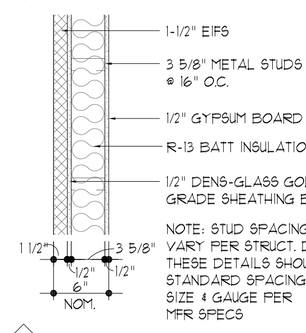
9B ADD 3" THICK SOUND ATTENUATION BLANKET 25" WIDE CREASED TO FIT

9C ADD R-13 BATT INSULATION



10 STC 54

10A UL# U420 1 HR FIRE RATING
5/8" FIRE RATED TYPE 'X' GYPSUM BOARD

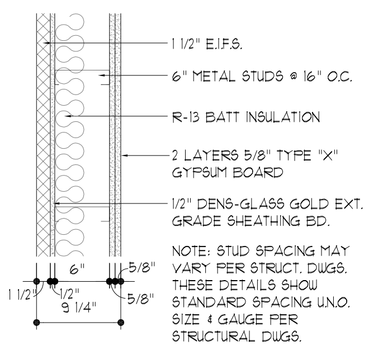


11

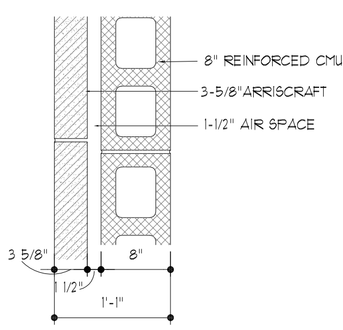
11A NO GYP.

11B 6" METAL STUDS

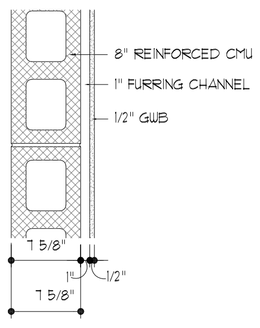
11C NO 1/2" GYP. & NO INSULATION



12 UL #U425 2 HR FIRE RATING



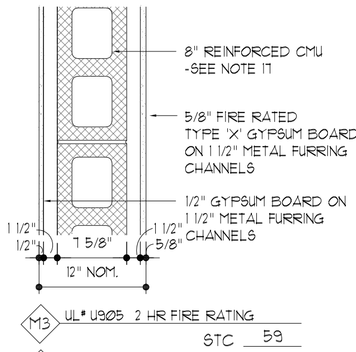
M1 UL #U905 2 HR FIRE RATING
STC 59



M2 UL # U905 2 HR FIRE RATING
STC 59

WALL TYPES NOTES:

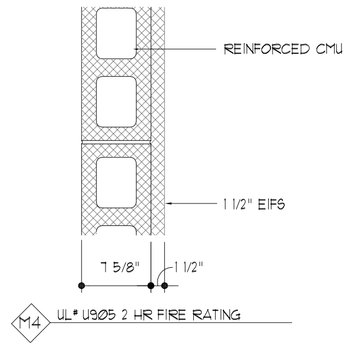
1. FIRE RATED GYPSUM BOARD SHALL BEAR THE CLASSIFICATION MARKING OF UNDERWRITERS' LABORATORIES.
2. USE MOISTURE RESISTANT GYPSUM BOARD AT WET AREAS.
3. EXTEND ALL WALLS ELEMENTS (GWB, SOUND BATT, ETC.) UP TO UNDERSIDE OF CONCRETE DECK, METAL DECK U.N.O. PERIMETER SEALING AND BEDDING OF ELECTRICAL BOXES AND OUTLETS IS REQUIRED. STAGGER JOINTS IN GYPSUM BOARD.
4. ALL GYPSUM BOARD TO RECEIVE VINYL WALL COVERING SHALL BE SIZED.
5. ALL GYPSUM SHEATHING TO BE APPLIED PER MANUFACTURER'S RECOMMENDATIONS.
6. ADD STUDS IF REQUIRED FOR RECEPTACLE BOX SEPARATION.
7. ALL BATT INSULATION INSIDE INTERIOR WALLS SHALL HAVE A FLAME SPREAD RATING NOT GREATER THAN 75, INTERIOR FINISHES IN EXIT WAYS AND CORRIDORS SHALL HAVE A FLAME SPREAD RATING NOT GREATER THAN 25, CARPET IN THESE AREAS SHALL HAVE A FLAME SPREAD RATING NOT GREATER THAN 75. SMOKE DEVELOPMENT FOR INSULATION, CARPET AND FINISHES IN THESE AREAS SHALL NOT EXCEED 450.
8. STUDS ARE SHOWN FOR STANDARD CONDITIONS. GC TO VERIFY METAL STUD SIZES AND GAUGE WITH METAL STUD SUPPLIER PER SPECIFICATIONS PRIOR TO CONSTRUCTION. CHANGE ACCORDINGLY AT NO ADDITIONAL CHARGE TO OWNER. SUBMIT SHOP DRAWING TO ARCHITECT FOR APPROVAL.
9. PROVIDE ACOUSTICAL SEALANT AT FLOOR AND CEILING OF CORRIDOR AND DIVISION WALLS AND ALL WALLS WITH SOUND ATTENUATION BLANKETS.
10. CONCRETE WALL THICKNESS VARIES (8" MIN.) SEE STRUCTURAL FOR EXACT THICKNESS.
11. CORRIDOR WALLS, SMOKE STOP WALLS, HORIZONTAL EXIT WALLS, EXIT ENCLOSURES AND FIRE WALLS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN A MANNER ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. SUCH IDENTIFICATION SHALL BE ABOVE A DECORATIVE CEILING AND IN CONCEALED SPACES. SUGGESTED WORDING: FIRE AND SMOKE BARRIER-PROTECT ALL OPENINGS.
12. G.C. TO PROVIDE WOOD BLOCKING OR EQUAL SOLID ATTACHMENT MATERIAL FOR ATTACHMENT OF ALL FITTINGS, FIXTURES AND ACCESSORIES.
13. THE OUTLET BOXES FOR POWER, LIGHTING AND ALL SPECIAL SYSTEMS THAT PENETRATE THE MEMBRANE OF A FIRE PARTITION MUST HAVE A MIN. 24" HORIZONTAL SEPARATION BETWEEN BOXES ON OPPOSITE SIDES OF WALL TO COMPLY WITH CODE. WHERE IT IS NOT POSSIBLE TO MAINTAIN A 24" SEPARATION, UTILIZE CARLON BOXES A52IDE OR A5838IE WITH MIN. 3" THICK, MIN 2.5 PCF MINERAL WOOL BATT INSULATION IN THE STUD CAVITIES. HORIZONTAL SEPARATION BETWEEN BOXES ON OPPOSITE SIDES OF WALL MAY BE REDUCED TO 1".
14. FIRE RATED WALLS AND ENCLOSURES MUST BE INSPECTED DURING THE CONSTRUCTION PROCESS BY A REPRESENTATIVE OF THE LOCAL BUILDING INSPECTION DEPARTMENT.
15. ANY JOINT IN GYPSUM BOARD UP TO 1/2" SHALL HAVE A HIGH STRENGTH JOINT COMPOUND USED TO BRIDGE JOINT.
16. POURED CONCRETE WILL BE USED IN PLACE OF REINFORCED CMU AT SOME LOCATIONS - SEE STRUCTURAL.
17. ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS AND SOUND RATED WALLS AND FLOORS MUST BE SEALED WITH AN APPROVED UL ASSEMBLY FOR PENETRATIONS.
18. FOR ALL MASONRY WALLS, SEE THE FIRE RATING PLANS FOR APPLICABLE RATINGS.



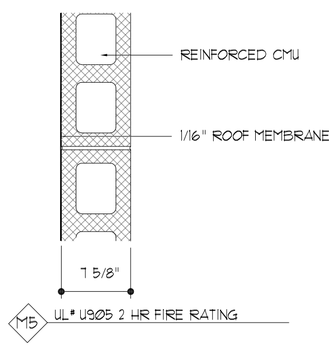
M3 UL# U905 2 HR FIRE RATING
STC 59

M3A ELIMINATE 1/2" GYPSUM BOARD & FURRING CHANNELS

M3B ELIMINATE 5/8" GYPSUM BOARD & FURRING CHANNELS



M4 UL# U905 2 HR FIRE RATING



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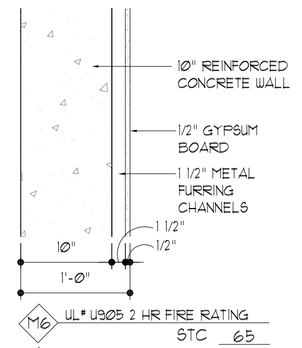
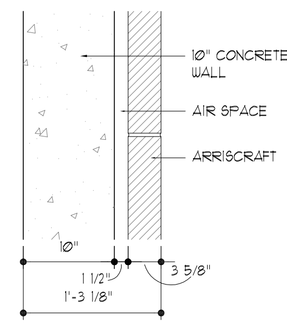


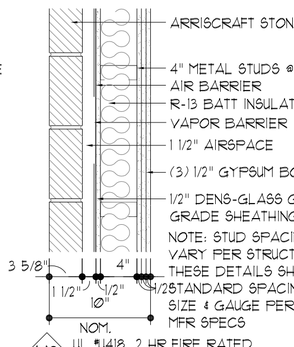
M6 UL# U905 2 HR FIRE RATING
STC 65

M6A ELIMINATE 1/2" GYPSUM BOARD AND FURRING CHANNELS

M6B ELIMINATE 1 1/2" FURRING CHANNELS



M7 UL #U905 2 HR FIRE RATING
STC 59

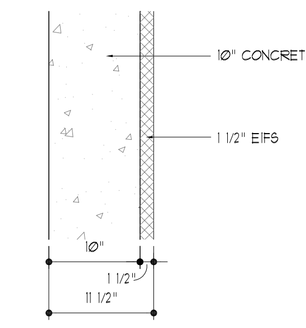


M8 UL #U418 2 HR FIRE RATED

M8A ELIMINATE 1/2" GYP & INSUL.

M8B 6" METAL STUDS @ 16" O.C.

M8C 6" METAL STUDS @ 16" O.C.
ELIMINATE 1/2" GWB



M9 UL# U804 OR U905 2 HR FIRE RATING
STC 59

NOTE:
ALL THROUGH WALL & FLOOR PIPE & DUCT PENETRATIONS SHALL BE SEALED WITH FIRE RATED SEALANT HAVING AN F & T RATING AS FOLLOWS:

METALLIC PIPE & DUCT THROUGH RATED DRY WALL
F RATINGS = 1 & 2 HR
T RATING = Ø

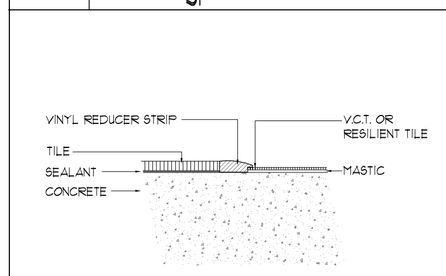
METALLIC PIPE THROUGH CONCRETE/CMU
F RATINGS = 2 HR
T RATING = Ø

PLASTIC PIPE THROUGH RATED DRYWALL
F RATINGS = 2 HR
T RATING = 1 1/2 HR

PLASTIC PIPE THROUGH RATED CONCRETE/CMU
F RATINGS = 2 HR
T RATING = 1 1/2 HR

6 Plan Detail
Wall Types

SCALE: None



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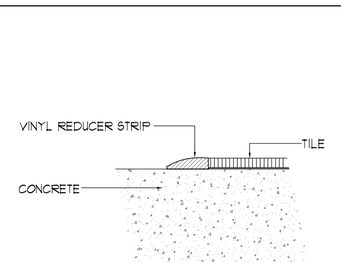

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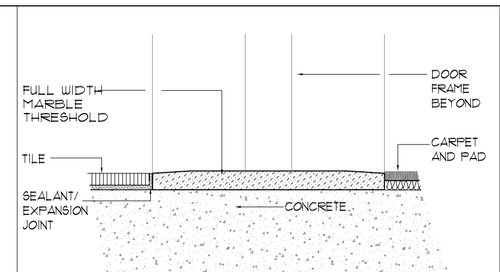

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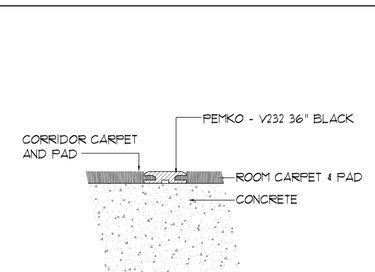

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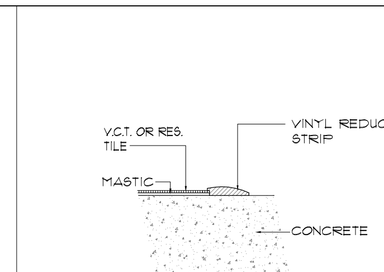

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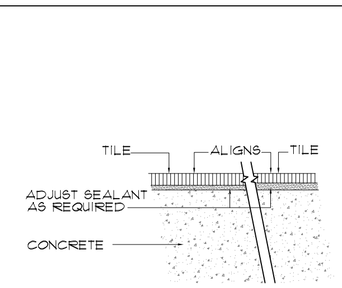

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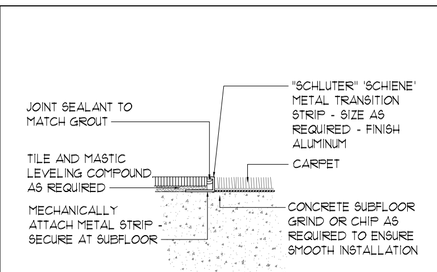

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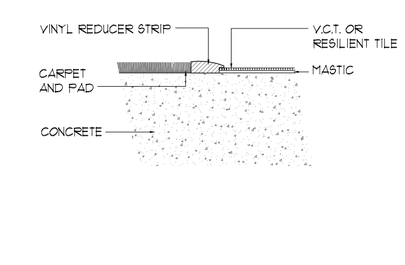

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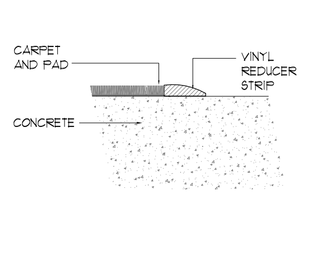

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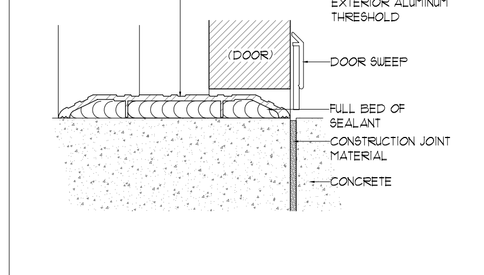

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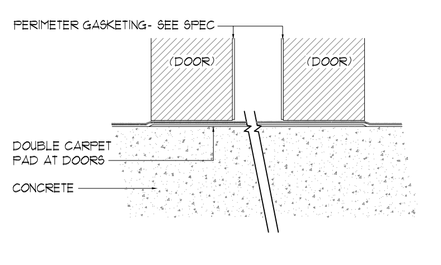

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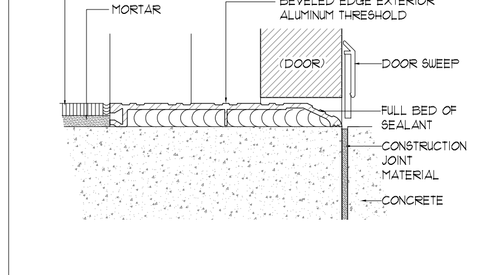

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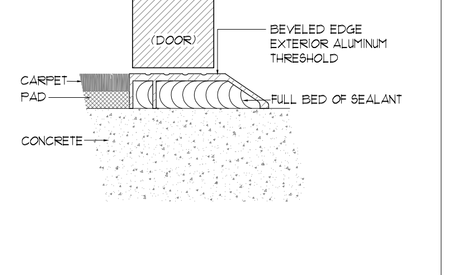

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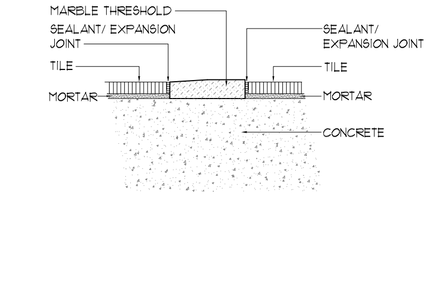

14

11 Section Detail
Floor Transition Detail

SCALE: None

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NO.	ISSUED	DATE
1	ISSUED	10/26/07

NO.	REVISIONS	DATE

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SEAL

Holiday Inn MILLENNIUM
BOSSIER CITY, LOUISIANA

SHEET NAME
WALL TYPES AND FLOOR TRANSITION DETAILS

DATE 10/26/07
DRAWN BY JW
CHECKED BY PEL
FILE NAME 1507-A903
SCALE AS NOTED
PROJECT NO. 1507
DRAWING

A9.3