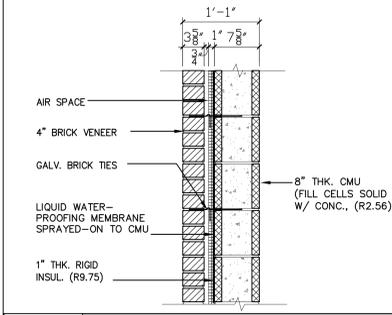
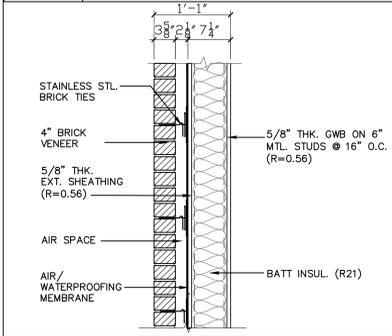


**EXTERIOR WALL TYPES**

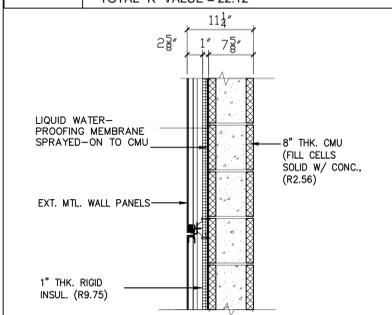


**EXT1** EXT. BRICK /CONC.WALL TYPE  
2-HR FIRE RATED - UL DESIGN NO. U905  
TOTAL "R" VALUE = 12.31

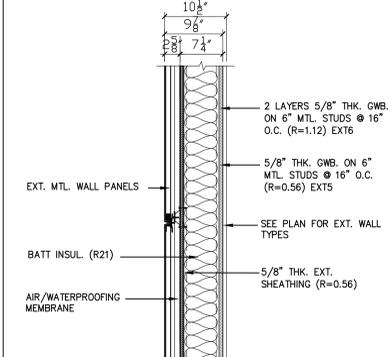


**EXT2** EXT. BRICK CAVITY WALL TYPE  
NON-RATED WALL  
TOTAL "R" VALUE = 22.12

**EXT3** EXT. BRICK CAVITY WALL TYPE  
2 HRS-RATED WALL  
TOTAL "R" VALUE = 22.12



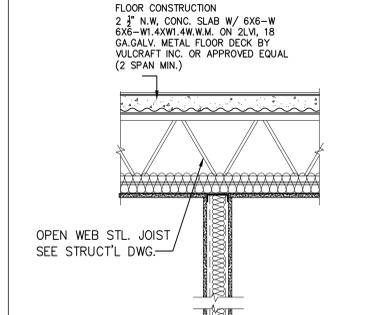
**EXT4** EXT. METAL WALL PANEL  
2-HR FIRE RATED - UL DESIGN NO. U905  
TOTAL "R" VALUE = 12.31



**EXT5** EXT. METAL WALL PANEL  
NON-RATED WALL  
TOTAL "R" VALUE = 22.12

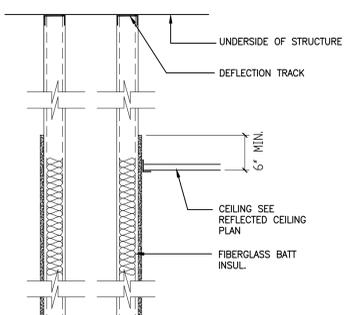
**EXT6** 2-HR FIRE RATED - UL DESIGN NO. U905  
TOTAL "R" VALUE = 22.68

**INTERIOR WALL TYPES**



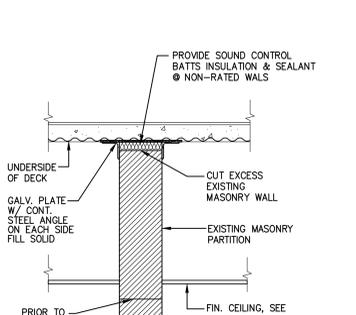
**D3** DRYWALL PARTITION TYPE  
NON-RATED PARTITION W/O SOUND ATTENUATION BLANKET

**D3A** SAME AS "D3" EXCEPT W/ 2" SOUND ATTENUATION BLANKET

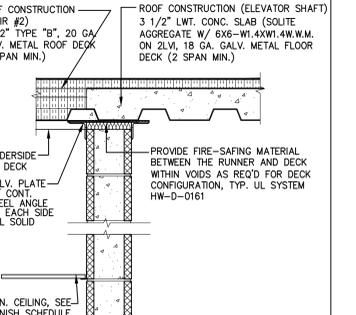


**C1** CHASE PARTITION  
NON-RATED PARTITION W/O SOUND ATTENUATION BLANKET

**C1A** CHASE PARTITION  
SAME AS "C1" EXCEPT W/ SOUND ATTENUATION BLANKET

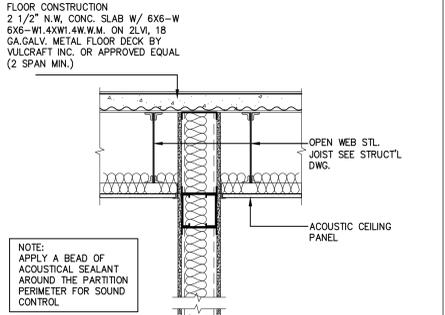


**EX1** EXISTING PARTITION  
NON-RATED PARTITION WITH NEW FACING. SEE FINISH SCHEDULE



**M8** 8" CMU PARTITION  
NON-RATED PARTITION FOR IN FILLING EXISTING OPENING

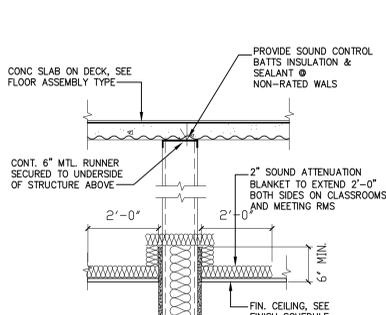
**M8B** 8" CMU PARTITION  
1-HR FIRE-RATED-UL DESIGN NO.U905  
EXTEND TO UNDERSIDE OF METAL DECK



**D1** DRYWALL PARTITION TYPE  
NON-RATED PARTITION W/ SOUND ATTENUATION BLANKET  
STC RATING: 56

**D1A** DRYWALL PARTITION TYPE  
1-HOUR RATED PARTITION UL DESIGN NO. U305  
STC RATING: 56 (DEMISING WALL)

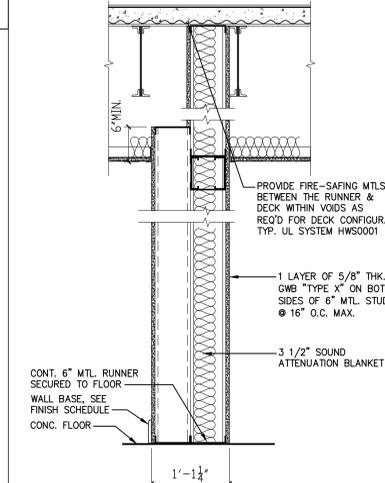
**D1B** DRYWALL PARTITION TYPE  
1-HOUR RATED PARTITION UL DESIGN NO. U419 ON 3 5/8" MTL. STUD



**D2** DRYWALL PARTITION TYPE  
NON-RATED PARTITION W/O SOUND ATTENUATION BLANKET

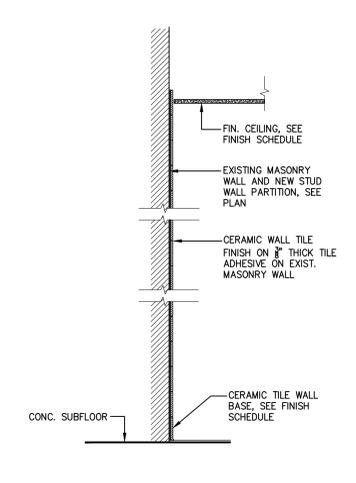
**D2A** DRYWALL PARTITION TYPE  
NON-RATED PARTITION SAME AS "D2" EXCEPT W/ SOUND ATTENUATION BLANKET

**D2B** DRYWALL PARTITION TYPE  
NON-RATED PARTITION-SAME AS "D2" EXCEPT ON 3 5/8" MTL. STUD W/ SOUND ATTENUATION BLANKET



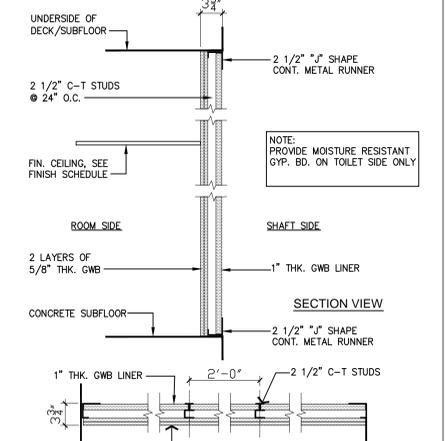
**F3** DRYWALL PARTITION TYPE  
NON-RATED PARTITION

**F3A** DRYWALL PARTITION TYPE  
1-HR FIRE-RATED PARTITION

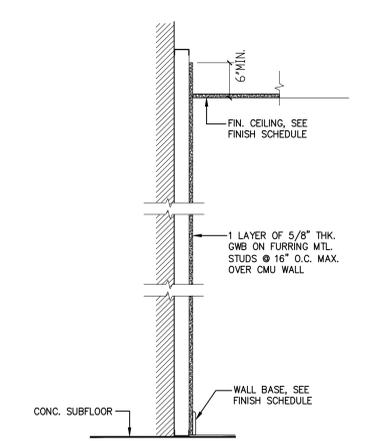


**T1** CERAMIC WALL TILES  
ON EXISTING MASONRY WALL

**T2** CERAMIC WALL TILES  
ON NEW 5/8" CEMENT BD. OR MOISTURE RESISTANT GYP. WALL BD. PARTITION

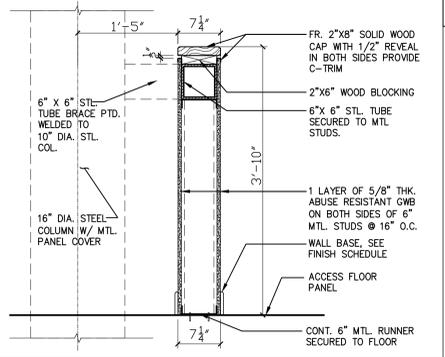


**S1** SHAFTWALL PARTITION TYPE  
1-HOUR FIRE-RATED WALL  
UL DESIGN NO. U415 (SYSTEM B)

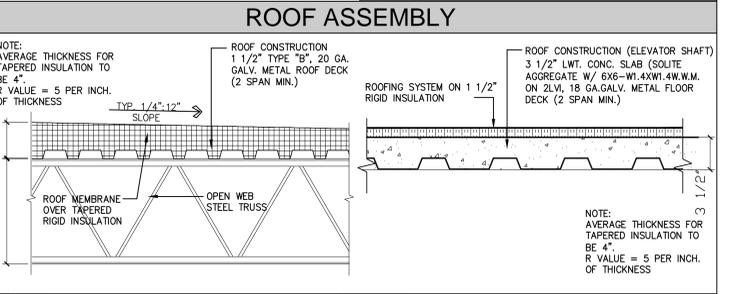


**F2A** FURRED-OUT PARTITION TYPE  
7/8" HAT FURRING CHANNELS

**F2B** FURRED-OUT PARTITION TYPE  
3 1/4" MTL. STUDS @ ELEVATOR



**LW** LOW WALL PARTITION

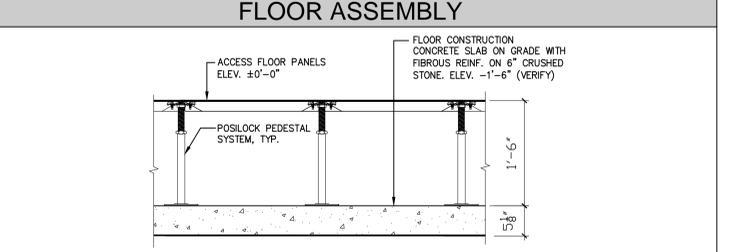


**R1** ROOF INSUL. ON MTL. DECK  
TOTAL "R" VALUE = 20 (AVERAGE)

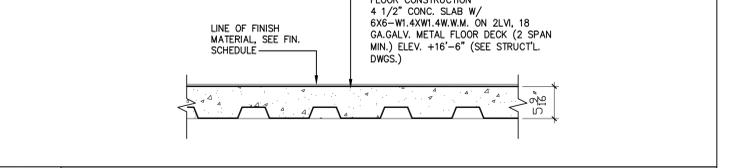
**R1A** TYPICAL ROOF ASSEMBLY  
1-HR-FIRE RATED

**R2** ROOF INSUL. ON CONC. SLAB  
1-HR-FIRE RATED

**R2A** TYPICAL ROOF ASSEMBLY  
TOTAL "R" VALUE = 20 (AVERAGE)



**FA1** ACCESS FLOOR ASSEMBLY



**FA2** SECOND FLOOR ASSEMBLY  
1-HR-FIRE RATED

**PARTITION NOTES**

- CONTRACTOR SHALL HAVE A NEW JERSEY LICENSED ENGINEER DESIGN THE INTERIOR PARTITION METAL FRAMING SYSTEM. THE ENGINEER IS TO SIGN AND SEAL THE METAL FRAMING SHOP DRAWINGS AND STRUCTURAL CALCULATIONS AND SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW.
- PROVIDE CROSS BRACING AS REQUIRED TO SUPPORT PARTITIONS. CROSS BRACING SHALL BE ATTACHED TO STRUCTURAL STEEL.
- GENERAL CONTRACTOR SHALL COORDINATE THE ATTACHMENT OF METAL FRAMING COMPONENTS TO STRUCTURAL STEEL WITH SPRAYED FIREPROOFING CONTRACTOR.
- INSTALL WATER RESISTANT GYP. BD. AT TOILET ROOM (WET SIDE) OF PARTITIONS.
- INSTALL ABUSED RESISTANT GYPSUM BD. INSIDE ALL STAIRWELLS & CORRIDORS.
- FASTEN CONTINUOUS STUD TRACK TO UNDERSIDE OF METAL DECK. PROVIDE STEEL PLATE BACKING WHERE WALL IS NOT ON FLUTE LINE.
- PROVIDE FORMING & FILL FIRE SAFING MATERIALS BASED ON UL SYSTEM HWS0001
- PROVIDE SOUND CONTROL BATTS INSULATION & SEALANT @ NON-RATED WALLS.
- ALL GYPSUM BOARD LOCATED ON THE EXTERIOR WALL TYPES SHALL CONTINUE TO THE UNDERSIDE OF THE STRUCTURE.

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CERTIFICATE OF AUTHORIZATION AC-438

PROJECT:  
**STUDENT SERVICES & CLASSROOM ADDITION  
UNION COUNTY COLLEGE**  
1033 Springfield Avenue  
Cranford, New Jersey 07016

SHEET CONTENTS:  
PARTITION TYPES, ROOF AND FLOOR ASSEMBLY TYPES

SUBMISSIONS				REVISIONS				DATE	APRIL 04, 2014
DATE	DESCRIPTION	BY	CHKD	DATE	DESCRIPTION	BY	CHKD	SCALE	AS SHOWN
4.04.14	ISSUED FOR BID	WTJ	NJN					DRAWN BY	BT/WTJ
								CHKD BY	NJN
								JOB NO	2131072
								SHEET:	OF: 44
								DRWG NO	