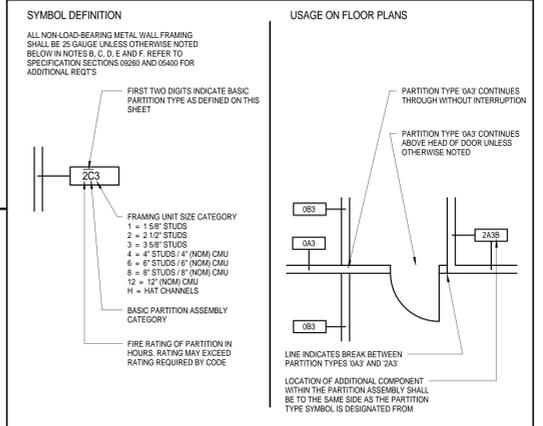
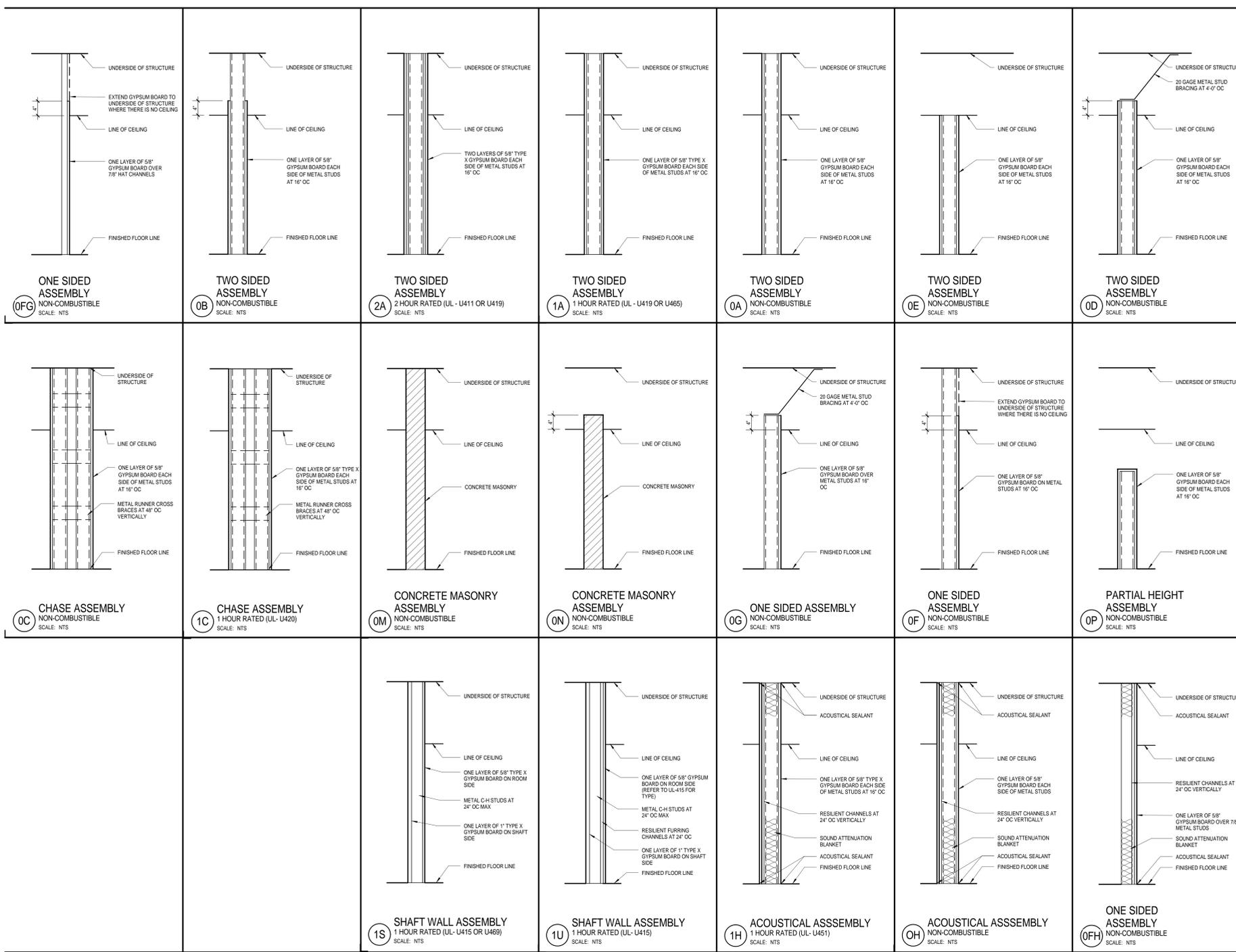


PARTITION TYPE SYMBOL

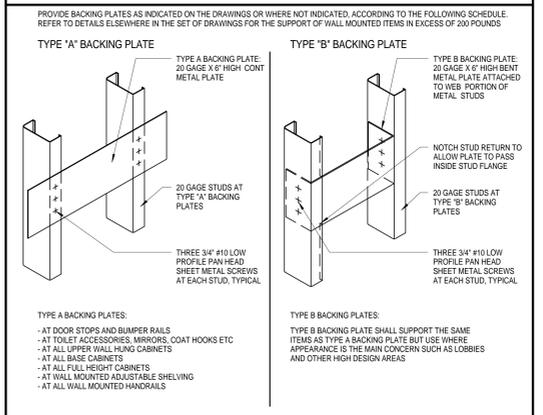


PARTITION NOTES **FRAMING NOTES**

- A. PARTITIONS AND FRAMING ARE DIMENSIONED TO THE FACE OF PARTITION ASSEMBLY (NOT TO THE FACE OF APPLIED FINISH OR FACE OF STUD), UNLESS OTHERWISE NOTED.**
- B. PARTITION TYPE INDICATORS ARE INDEPENDENT OF APPLIED FINISHES. SEE FINISH SCHEDULE AND/OR THE DESIGNATIONS ON THE PLANS FOR ADDITIONAL INFORMATION REGARDING APPLIED FINISHES.**
- C. WHERE PARTITION TYPE DESIGNATION ON FLOOR PLANS IS INTERRUPTED BY DOOR OPENING, GLAZED PARTITION, ETC., CONSTRUCTION ABOVE INTERRUPTION (AND WHERE APPLICABLE BELOW) IS TO BE THE SAME AS THAT DESIGNATED FOR THE PARTITION IN WHICH THE INTERRUPTION OCCURRED.**
- D. THE MINIMUM REQUIREMENTS FOR CONSTRUCTION OF EACH PARTITION TYPE AS EXPRESSED BY THE INDICATED FIRE RATING REFERENCE ARE INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THE WORK OF THIS PROJECT. HOWEVER, ADDITIONAL AND/OR MORE RESTRICTIVE REQUIREMENTS MAY BE INDICATED BY THE SPECIFICATIONS AND DRAWINGS. SUCH REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO:**
1. USE 5/8" THICK GYPSUM BOARD THROUGHOUT
 2. USE 16" OC MAX STUD SPACING UNLESS OTHERWISE NOTED. THE SPACING STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MAX SPACING.
 3. USE STUDS OF GAGE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS. THE GAGE STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM GAGE.
 4. USE STUDS OF DEPTH INDICATED BY THE DRAWINGS. THE DEPTH STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM DEPTH.
- E. INSTALL ONE LAYER OF 5/8" TYPE X WATER RESISTANT GYPSUM BOARD WHERE GYPSUM BOARD OCCURS OF BASIC PARTITION AT THE FOLLOWING LOCATIONS:**
1. WITHIN 2 FEET HORIZONTALLY AND 4 FEET VERTICALLY OF JANITOR SINKS
 2. AT OTHER LOCATIONS AS INDICATED BY THE ARCHITECTURAL FINISH SCHEDULE
- F. INSTALL ONE LAYER OF 1/2" CEMENT BACKER BOARD IN LIEU OF GYPSUM BOARD WHERE GYPSUM BOARD OCCURS OF BASIC PARTITIONS AT THE FOLLOWING LOCATIONS:**
1. AT WET LOCATIONS, SUCH AS SHOWER STALLS AND TUB SURROUNDS
 2. WHERE CERAMIC TILE FINISHES ARE INDICATED. REFER TO FINISH SCHEDULE, PLANS AND/OR INTERIOR ELEVATIONS
 3. AT OTHER LOCATIONS AS INDICATED BY THE ARCHITECTURAL FINISH SCHEDULE
- G. INSTALL ONE LAYER OF 5/8" HIGH IMPACT GYPSUM BOARD IN LIEU OF GYPSUM BOARD WHERE GYPSUM BOARD OCCURS OF BASIC PARTITIONS AT THE FOLLOWING LOCATIONS:**
1. IN THE LABS
 2. LER
- H. FOR ALL WALL TYPES INDICATING ACOUSTICAL INSULATION SEAL PERIMETER OF PARTITION WITH CONT SEAL OF ACOUSTICAL SEALANT. CLOSE ALL GAPS THROUGH OR AROUND PARTITION BY SEALING ALL JOINTS, GAPS AROUND OUTLET BOXES AND PENETRATIONS, INCLUDING THOSE ABOVE FINISH CEILING. ISOLATE PARTITION FROM ALL PIPES AND DUCT PENETRATIONS BY STOPPING GYPSUM BOARD 1/2" MIN TO 1" MAX FROM PIPE OR DUCT. SEAL GAPS BETWEEN GYPSUM BOARD AND PIPES/DUCTS WITH BACKER ROD AND ACOUSTICAL SEALANT.**
- J. FOR ALL WALL TYPES INDICATING ACOUSTICAL INSULATION, INSULATION (NON-FACED, FRICTION FIT) IN STUD CAVITY. PROVIDE 2 1/2" THICK INSULATION WHERE STUD DEPTH IS 2 1/2"; PROVIDE 3 1/2" THICK INSULATION WHERE STUD DEPTH IS 3 1/2" OR GREATER; WHERE STUD DEPTH IS LESS THAN 2 1/2" DEEP, PROVIDE ADDITIONAL COMPONENT NO. 4 (NOTED).**
- K. FOR ALL WALL TYPES INDICATING ACOUSTICAL INSULATION PROVIDE ACOUSTICAL OUTLET BOX PAID AT ALL ELECTRICAL, TELEPHONE AND DATA OUTLET BOXES AS WELL AS AT ALL SWITCH BOXES. MOLD PAD CAREFULLY AROUND BOX AFTER BOX IS SECURELY ATTACHED TO STUD. BEFORE GYPSUM BOARD IS INSTALLED, SEAL ALL OPENINGS WITH OUTLET BOX SEALANT MATERIAL.**
- A. ALL NON-LOAD-BEARING METAL WALL FRAMING SHALL BE 20 GAUGE UNLESS OTHERWISE NOTED BELOW IN NOTES B, C, D, E AND F. REFER TO SPECIFICATION SECTIONS 05200 AND 05400 FOR ADDITIONAL REQS.**
- B. PROVIDE 20 GAUGE METAL WALL FRAMING IN LIEU OF 25 GAUGE METAL FRAMED WALLS WITH ONE LAYER OF 5/8" GYPSUM WALL BOARD ON EACH SIDE THAT EXCEED THE HEIGHT LIMITS AS LISTED BELOW:**
- 2 1/2" METAL STUDS: 10'-0"
 - 3 1/2" METAL STUDS: 14'-0"
 - 4" METAL STUDS: 15'-0"
- C. ADDITIONALLY, PROVIDE 20 GAUGE METAL WALL FRAMING AT THE FOLLOWING LOCATIONS:**
1. DOUBLE STUD JAMB ASSEMBLIES AT OPENINGS
 2. FIRST STUD IN THE PARTITION BEYOND THE DOUBLE STUD JAMB ASSEMBLY. LOCATE STUD 6" FROM DOUBLE STUD ASSEMBLY
 3. STUDS TO WHICH CEMENTITIOUS BACKER UNITS, SPECIFIED IN SECTION 0930, ARE INSTALLED FOR WET AREAS
 4. STUDS TO WHICH ABUSE-RESISTANT AND HIGH-IMPACT GYPSUM WALL PANELS ARE ATTACHED
 5. STUDS TO WHICH WALL MOUNTED EQUIPMENT, INCLUDING OWNER FURNISHED EQUIPMENT, IS FASTENED
 6. STUD INFILL AND SILL TRACK BELOW WINDOW OPENINGS
 7. STUDS INSTALLED FOR OPENING HEADS BETWEEN DOUBLE STUD JAMB ASSEMBLIES
- D. PROVIDE 20 GAUGE METAL WALL FRAMING IN LIEU OF 25 GAUGE METAL FRAMED WALLS WITH TWO LAYERS OF 5/8" GYPSUM WALL BOARD ON EACH SIDE THAT EXCEED THE HEIGHT LIMITS AS LISTED BELOW:**
- 2 1/2" METAL STUDS: 11'-0"
 - 3 1/2" METAL STUDS: 14'-0"
 - 4" METAL STUDS: 15'-0"
 - 6" METAL STUDS: 20'-0"
- E. PROVIDE 16 GAUGE METAL WALL FRAMING (REFER TO SPECIFICATION SECTION 05400) IN LIEU OF 20 GAUGE METAL FRAMED WALLS WITH TWO LAYERS OF 5/8" GYPSUM WALL BOARD ON EACH SIDE THAT EXCEED THE HEIGHT LIMITS AS LISTED BELOW:**
- 2 1/2" METAL STUDS: 12'-0"
 - 3 1/2" METAL STUDS: 15'-0"
 - 4" METAL STUDS: 15'-0"
 - 6" METAL STUDS: 20'-0"
- F. PROVIDE 16 GAUGE METAL WALL FRAMING (REFER TO SPECIFICATION SECTION 05400) IN LIEU OF 20 GAUGE METAL FRAMED WALLS WITH TWO LAYERS OF 5/8" GYPSUM WALL BOARD ON EACH SIDE THAT EXCEED THE HEIGHT LIMITS AS LISTED BELOW:**
- 2 1/2" METAL STUDS: 14'-0"
 - 3 1/2" METAL STUDS: 17'-0"
 - 4" METAL STUDS: 18'-11"
 - 6" METAL STUDS: 24'-11"
- G. ---**



TYPICAL BACKING PLATE SCHEDULE



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SEALS AND SIGNATURES

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 V. KYLE
 No. 01989
 STATE OF ILLINOIS

ISSUED FOR CONSTRUCTION	DATE
	07/23/12

REV. NO.	DESCRIPTION	BY	APVD	DATE

Argonne
 NATIONAL LABORATORY

FMS
 Facilities Management Services

PROJECT TITLE: ADVANCED PROTEIN CRYSTALLIZATION FACILITY, ARGONNE NATIONAL LABORATORY

PROJECT NO: 22378.000

DRAWING TITLE: PARTITION SYSTEMS

DESIGNED	AE CADS FILE	FACILITY (NO)
TT	AE 2.1	
DRAWN	AE DWG. NO.	
AR, BJ	AE 2.1	
CHECKED	CAD NO.	
LH		
PROJECT MANAGER	DWG STATE	
ANL - JESSE ADAMS		
DATE	BND ORDER	
05/06/11		
FACILITY DOCUMENT NUMBER	REV. NO.	
J446-101-W-		