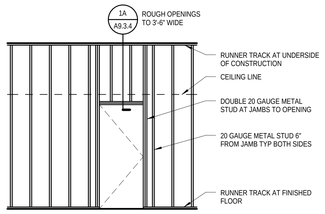
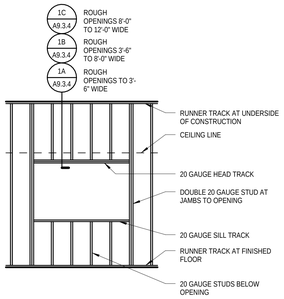
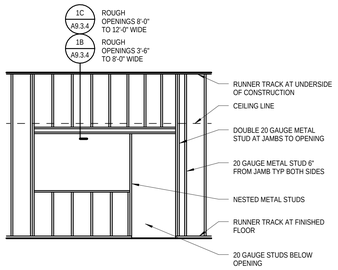


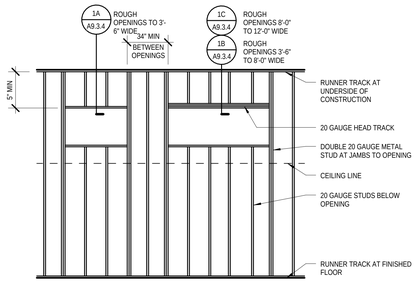

A TYPICAL FRAMING ELEVATIONS



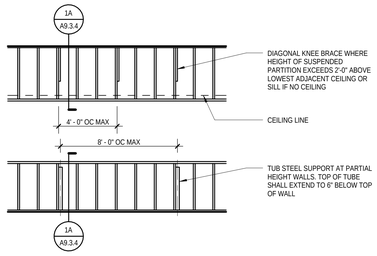

B GLAZED OPENINGS / PASS-THROUGHS




C COMBINATION DOOR / GLAZED OPENINGS

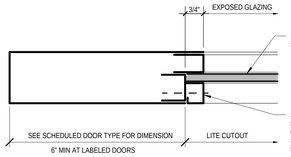



D UTILITY SERVICE OPENINGS

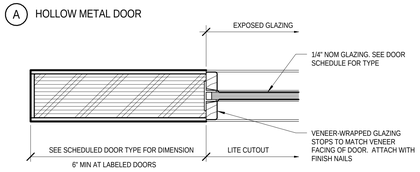



E SUSPENDED AND PARTIAL HEIGHT PARTITIONS

0 TYPICAL FRAMING ELEVATIONS
TYPICAL AT ALL METAL STUD FRAMING UNLESS OTHERWISE NOTED
SCALE: 1/4" = 1'-0"

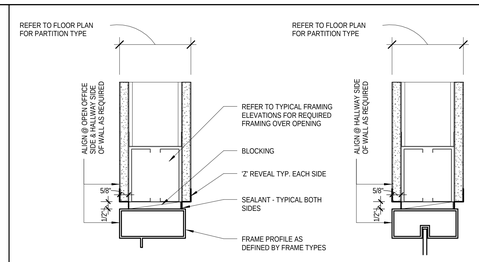



A HOLLOW METAL DOOR



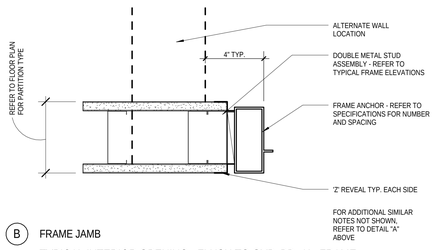

B SOLID CORE WOOD DOOR

7 INTERIOR DOOR GLAZING DETAILS
TYPICAL WHERE SCHEDULED
SCALE: 6" = 1'-0"



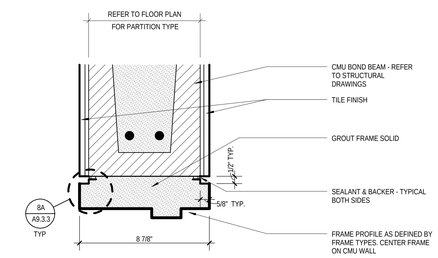

A FRAME HEAD

C FRAME WITH GLASS HEAD / JAMB / SILL

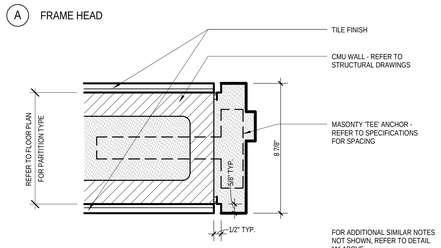



B FRAME JAMB

5 TYPICAL INTERIOR OPENING - FLUSH TO GYP. BD. AL. FRAME
AT METAL STUD PARTITION
SCALE: 3' = 1'-0"

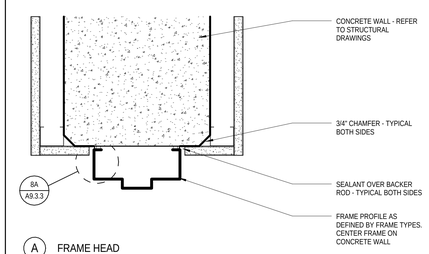



A FRAME HEAD

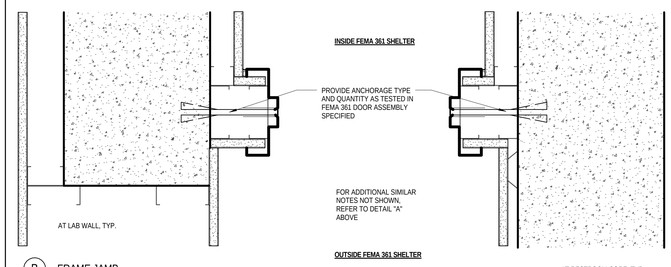



B FRAME JAMB

3 TYPICAL INTERIOR OPENING - FIXED WIDTH HOLLOW METAL FRAME
AT CMU PARTITION
SCALE: 3' = 1'-0"

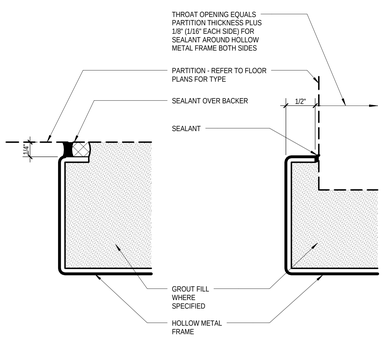



A FRAME HEAD




B FRAME JAMB

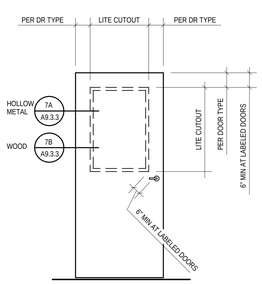
1 OPENING - FEMA 361 DOORS
AT CONCRETE WALLS
SCALE: 3' = 1'-0"




A FIXED FRAME

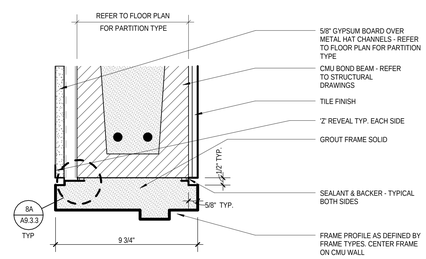
B WRAP-AROUND FRAME

8 HOLLOW METAL FRAME EDGE
TYPICAL CONDITIONS
SCALE: FULL

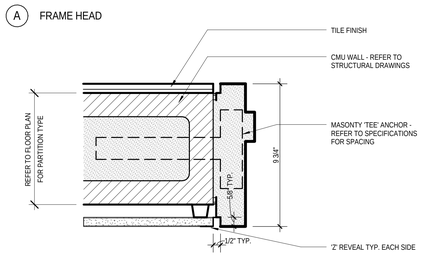



1. DOORS WITH 3/4 HR LABELS: THE TOTAL AREA OF EXPOSED GLAZING IN ANY LEAF SHALL NOT EXCEED 1296 SQUARE INCHES. THE MAX WIDTH OF EXPOSED GLAZING IN ANY LITE SHALL NOT EXCEED 30 INCHES. THE MAX HEIGHT OF EXPOSED GLAZING SHALL NOT EXCEED 54 INCHES.
2. DOORS WITH 1 OR 1-1/2 HOUR LABELS: THE TOTAL AREA OF EXPOSED GLAZING IN ANY LEAF SHALL NOT EXCEED 100 SQUARE INCHES. THE MIN DIMENSION OF EXPOSED GLAZING IN ANY LITE SHALL NOT BE LESS THAN 4 INCHES.
3. LITE CUTOUTS SHALL BE NO CLOSER THAN 6 INCHES TO ANY EDGE OF THE DOOR OR THE EDGE OF ANY HARDWARE CUTOUT.
4. WHERE MULTIPLE LITES OCCUR, EACH LITE CUTOUT SHALL BE SEPARATED BY 6" OR GREATER

9 TYPICAL WOOD AND HOLLOW METAL DOOR LITE DETAILS AND NOTES
SEE SPECIFIC DOOR TYPE FOR ADDITIONAL INFORMATION
SCALE: 1/2" = 1'-0"

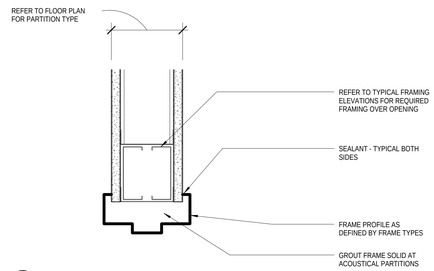



A FRAME HEAD

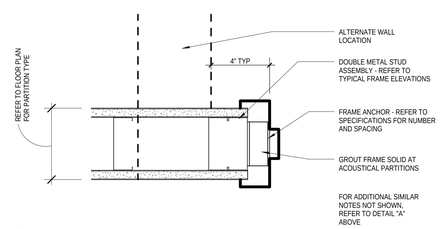



B FRAME JAMB

6 TYPICAL INTERIOR OPENING - WRAP-AROUND HOLLOW METAL FRAME
AT CMU PARTITION AND FURRING
SCALE: 3' = 1'-0"

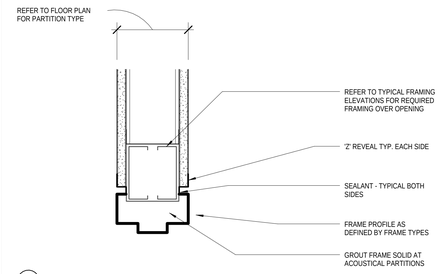



A FRAME HEAD

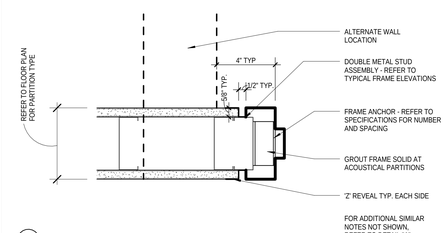



B FRAME JAMB

4 TYPICAL INTERIOR OPENING - WRAP-AROUND HOLLOW METAL FRAME
AT METAL STUD PARTITION
SCALE: 3' = 1'-0"




A FRAME HEAD




B FRAME JAMB

2 TYPICAL INTERIOR OPENING - FLUSH TO GYP. BD. HOLLOW METAL FRAME
AT METAL STUD PARTITION
SCALE: 3' = 1'-0"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| REV. NO. | DESCRIPTION | BY | APVD | DATE |
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| | ISSUED FOR CONSTRUCTION | | | 07/03/12 |

Argonne NATIONAL LABORATORY

FMS
Facilities Management Services

PROJECT TITLE: ADVANCED PROTEIN CRYSTALLIZATION FACILITY, ARGONNE NATIONAL LABORATORY

PROJECT NO: 22378.000

DRAWING TITLE: FRAME AND OPENING DETAILS

| | | |
|---|---|---|
| DESIGNED: Designer | A/E CADD FILE: A9.3.3 | FACILITY NO(S) |
| DRAWN: Author | A/E DWG. NO.: A9.3.3 | |
| CHECKED: Checker | CAD NO.: | |
| PROJECT MANAGER: ANL - JESSE ADAMS, DATE - 12/02/08 | DWG STATE | |
| | BIND ORDER | |
| FACILITY DOCUMENT NUMBER: J446-101-W- | | REV. NO.: A9.3.3 |

Plot Date: 7/3/2012 4:56:47 PM