ROOM FINISH NOTES

1. EXTERIOR HOLLOW METAL DOORS, FRAMES, AND MISCELLANEOUS TRIM SHALL BE FINISHED TO MATCH EXTERIOR WALL FINISH.
2. INTERIOR HOLLOW METAL DOORS, FRAMES, AND MISCELLANEOUS TRIM SHALL BE FINISHED TO MATCH COLOR SELECTED BY FERMILAB.
3. EXPOSED COLUMNS, BEAMS, JOISTS, AND OTHER STRUCTURAL STEEL SHALL BE FINISHED TO MATCH COLOR SELECTED BY FERMILAB.
4. ALL HEATER COVERS SHALL BE FINISHED AS SPECIFIED.
5. MISCELLANEOUS PAINTED ITEMS THAT ARE NOT OTHERWISE SPECIFIED SHALL BE PAINTED TO MATCH THE ADJACENT SURFACE.
6. ALL PAINTED REVEALS OR TRIM SHALL BE PAINTED TO MATCH ADJACENT SURFACES. IF A REVEAL SEPARATES TWO COLORS, THEN THE REVEAL SHALL BE PAINTED TO MATCH THE LIGHTER COLOR. SEE SPECIFICATIONS FOR PAINT COLORS.
7. ALL PIPING (PLUMBING, MECHANICAL, AND FIRE PROTECTION), ELECTRICAL CONDUIT, JUNCTION BOXES, SHEET METAL DUCTWORK, HANGARS, ATTACHMENTS, ETC. EXPOSED TO VIEW SHALL BE PAINTED TO MATCH ADJACENT SURFACES OR AS IDENTIFIED IN THE SPECIFICATIONS.
8. PROVIDE SEALANTS TO MATCH PAINT COLOR AT ALL PAINTED CMU WALLS.
9. PROVIDE GROUT COLORS AND MATCHING SEALANTS AS SELECTED BY FERMILAB.
10. STEEL LINTELS EXPOSED TO VIEW SHALL BE PAINTED TO MATCH ADJACENT WALL SURFACES.
11. REFER TO SPECIFICATION SECTION 09900 FOR PAINT TYPES.

INTERIOR PARTITION NOTES

1. REFER TO SPECIFICATION SECTION 4A, "CONCRETE UNIT MASONRY", FOR REQUIREMENTS FOR HORIZONTAL JOINT REINFORCEMENT.
2. THE INTERSECTIONS OF WALLS WITH METAL TIES, RIGID ANCHORS OR PREFABRICATED JOINT REINFORCEMENT AND BY INTERLOCKING ALTERNATE COURSES OF MASONRY. INTERSECTIONS INCLUDE TO CMU, CONCRETE OR STEEL CONSTRUCTION.
3. ALL OPENINGS THROUGH CMU CONSTRUCTION SHALL BE DESIGNED AND CONSTRUCTED FOR ACI-531.1 WITH SPECIAL CMU AND REINFORCEMENT AS REQUIRED. COORDINATE OPENINGS WITH ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS.
4. ALL CMU WALLS SHALL BE LATERALLY BRACED DURING THEIR CONSTRUCTION UNTIL ALL CONTIGUOUS WALLS ARE COMPLETED UNTIL MORTAR AND GROUT REACH 75% OF THEIR SPECIFIED STRENGTH AND UNTIL TOP CLIP ANGLES ARE COMPLETELY INSTALLED.
5. PROVIDE CONTINUOUS SEALANT AT ALL DUCT, PIPE AND CONDUIT PENETRATIONS THROUGH WALLS, PROVIDE FIRESTOPPING WHERE REQUIRED.
6. ALL FIRE RESISTIVE PARTITIONS SHALL BE CONSTRUCTED IN COMPLIANCE WITH U.L. TESTING REQUIREMENTS AND MANUFACTURER'S RECOMMENDATIONS FOR CONDITIONS AS REQUIRED. CONSTRUCTION OF ALL SYSTEMS WILL EQUAL THAT OF TESTED ASSEMBLY AND SHALL RECEIVE APPROVAL OF FERMILAB WHERE REQUIRED.
7. LINTEL REINFORCEMENT AND GROUT SHALL EXTEND A MINIMUM OF 16" BEYOND THE EDGE OF THE MASONRY OPENING. SEE TYPICAL DETAIL THIS SHEET.
8. LINTEL REINFORCEMENT SHALL NOT BE SPLICED.
9. LINTELS SHALL NOT BE SLEEVED, BOXED OUT, OR HAVE THE REINFORCEMENT OR GROUT INTERRUPTED.
10. LINTELS SHALL BE SHORED ALONG THEIR ENTIRE LENGTH UNTIL THE MASONRY ASSEMBLY HAS ATTAINED THE SPECIFIED COMPRESSIVE STRENGTH.

ROOM FINISH SCHEDULE

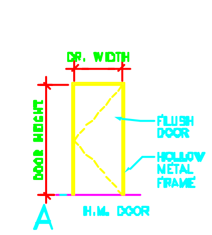
ROOM NUMBER	ROOM NAME	FINISH FLOOR	WALL FINISH NORTH	EAST	SOUTH	WEST	BASE	CEILING FINISH	CEILING HEIGHT	REMARKS
---	NASA	CF-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	---	
080	DECAY AREA	CF-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	---	
030	EXPERIMENTAL HALL	CF-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	---	EXP/PTD-1	---	
---	STAIR #1	CF-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	---	
---	STAIR #2	CF-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	---	
---	STAIR #3	CF-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	---	
---	STAIR #4	STL-CP	---	---	---	---	---	---	---	PAINT ALL STAIR COMPONENTS EXCEPT CHECKERPLATE
---	STAIR #5	STL-CP	---	---	---	---	---	---	---	PAINT ALL STAIR COMPONENTS EXCEPT CHECKERPLATE
100	VESTIBULE	CF-1	EXP	EXP	CMU-1/PTD-1	CMU-1/PTD-1	---	EXP/PTD-1	---	SURFACE MTD FLOOR MAT
110	ELECTRONICS ROOM	CF-1/RAF	CMU-1/PTD-1	EXP	CMU-1/PTD-1	EXP/PTD-1	---	EXP/PTD-1	---	SEALER REQUIRED BELOW RAISED ACCESS FLOOR AREA
120	CORRIDOR	CF-1	---	EXP	CMU-1/PTD-1	CMU-1/PTD-1	---	EXP/PTD-1	---	
130	BUILDING SERVICES	CF-1	CMU-1/PTD-1	CMU-1/PTD-1	CMU-1/PTD-1	CMU-1/EXP PTD-1	---	EXP	---	
140	CYLINDER STORAGE	CF-1	CMU-1/PTD-1	CMU-1/PTD-1	EXP	EXP/PTD-1	---	---	---	
150	WOMEN TOILET	CT-1	CMU-1/PTD-1	CMU-1/PTD-1	CMU-1/PTD-1	CMU-1/PTD-1	CT-2	GWB-1/PTD-1	8'-8"	
160	MEN TOILET	CT-1	CMU-1/PTD-1	CMU-1/PTD-1	CMU-1/PTD-1	CMU-1/PTD-1	CT-2	GWB-1/PTD-1	8'-8"	
170	VESTIBULE	CF-1	CMU-1/PTD-1	EXP	EXP	CMU-1/PTD-1	---	EXP/PTD-1	---	SURFACE MTD FLOOR MAT
180	UPPER EXPER. HALL	---	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	EXP/PTD-1	---	EXP/PTD-1	---	PREFIN. PANELS ARE NOT TO BE PAINTED. PAINT ALL EXPOSED STL.
185	WALKWAY	CF-1	---	EXP/PTD-1	---	---	---	EXP/PTD-1	---	PAINT ALL EXPOSED STEEL
190	TRUCK DOCK	CF-2	EXP	EXP/PTD-1	---	EXP/PTD-1	---	EXP/PTD-1	---	PAINT ALL EXPOSED STEEL

FLOOR MATERIALS MARK	DESCRIPTION	WALL MATERIALS MARK	DESCRIPTION	WALL BASE MATERIALS MARK	DESCRIPTION	CEILING MATERIALS MARK	DESCRIPTION
CF-1	CONCRETE, SEALED	CMU-1	CONCRETE MASONRY UNITS	CT-2	CERAMIC TILE	EXP	EXPOSED CONSTRUCTION
CF-2	CONCRETE, SEALED & HARDENED	EXP	EXPOSED CONSTRUCTION	EXP	EXPOSED CONST.	GWB	GYPSUM WALLBOARD
CT-1	CERAMIC TILE	PTD-1	PAINT			PTD-1	PAINT
RAF	RAISED ACCESS FLOOR						
STL-CP	STEEL CHECKER PLATE						

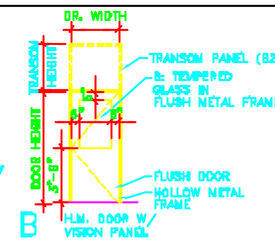
DOOR SCHEDULE

LOC.	DOOR NUMBER	TYPE	HDW. SET	LBL	SIZE WIDTH	SIZE HEIGHT	THK.	MATERIAL DR	MATERIAL FRM	HEAD	JAMB	SILL	REMARKS
	ST1A	B1	2	---	3'-0"	7'-10"	1-3/4"	HM	HM	1	2	3	
	ST1B	B2	2	60	3'-0"	7'-10"	1-3/4"	HM	HM	1	4	3	TRANSOM PANEL @ 3'-8 1/2"
	ST2A	B1	2	---	3'-0"	7'-10"	1-3/4"	HM	HM	1	2	3	
	ST2B	B2	2	60	3'-0"	7'-10"	1-3/4"	HM	HM	1	4	3	TRANSOM PANEL @ 3'-8 1/2"
	ST3A	A	1	---	3'-0"	7'-10"	1-3/4"	HM	HM	4	4	3	
	ST3B	A	2	60	3'-0"	7'-10"	1-3/4"	HM	HM	1	4	5	
	100A	D	4	---	6'-0"	7'-10"	1-3/4"	HM	HM	13/A-9	14/A-9	15/A-9	
	100B	D1	5	60	6'-0"	7'-10"	1-3/4"	HM	HM	1	2	3	
	120	C	4	---	6'-0"	7'-10"	1-3/4"	HM	HM	13/A-9	14/A-9	15/A-9	
	130	C1	5	20	6'-0"	7'-10"	1-3/4"	HM	HM	1	2	3	UNEQUAL LEAF DOORS
	140	C	4	---	6'-0"	7'-10"	1-3/4"	HM	HM	13/A-9	14/A-9	15/A-9	
	150	A	8	20	3'-0"	7'-10"	1-3/4"	HM	HM	1	2	6	
	160	A	10	20	3'-0"	7'-10"	1-3/4"	HM	HM	1	2	6	
	170A	B	6	---	3'-0"	7'-10"	1-3/4"	HM	HM	13/A-9	14/A-9	15/A-9	
	170B	B1	7	60	3'-0"	7'-10"	1-3/4"	HM	HM	1	2	3	
	190A	B	8	---	3'-0"	7'-10"	1-3/4"	HM	HM	13/A-9	14/A-9	13/A-9	
	190B	E	3	---	16'-0"	16'-0"	-----	STL	STL	5/A-9	6/A-9	--	COILING STEEL DOOR
	NM5A	A	1	---	3'-0"	7'-10"	1-3/4"	HM	HM	4	4	5	
	NM5B	A	1	60	3'-0"	7'-10"	1-3/4"	HM	HM	1	4	5	

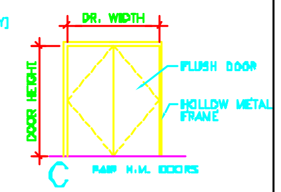
DOOR ELEVATIONS



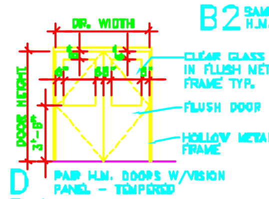
A H.M. DOOR



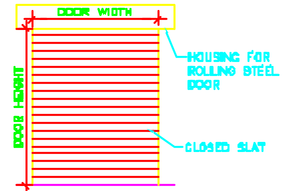
B H.M. DOOR W/ VISION PANEL
B1 H.M. DOOR W/MAX. 100 SQ. IN. LABELED WIRE GLASS VISION PANEL, 4" X 25"
B2 SAME AS B1 W/ H.M. TRANSOM PANEL



C PAIR H.M. DOORS
C1 PAIR H.M. DOORS ACTIVE LEAF @ 3'-5" INACTIVE LEAF @ 3'-0"

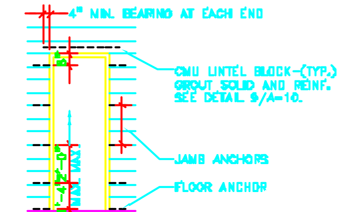


D PAIR H.M. DOORS W/VISION PANEL - TEMPERED
D1 PAIR H.M. DOORS W/MAX 100 SQ. IN. LABELED WIRE GLASS VISION PANEL, 4" X 25"

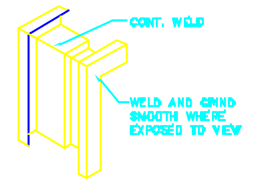


E ROLLING STEEL DOOR

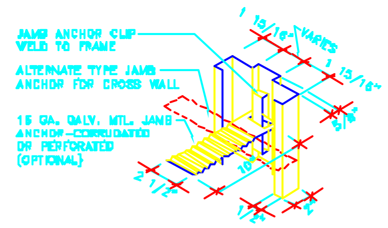
DOOR DETAILS



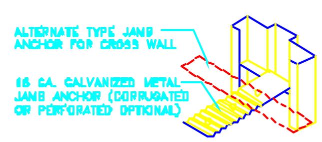
FRAME INSTALLATION



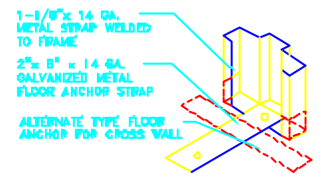
TYPICAL FRAME CORNER



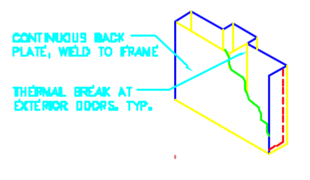
TYPICAL JAMB FOR MASONRY WALL



TYPICAL JAMB ANCHOR FOR NON-LABEL FRAME



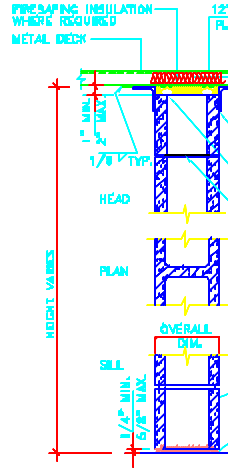
TYPICAL FLOOR ANCHOR



TYPICAL CONCRETE OR STEEL JAMB ANCHOR

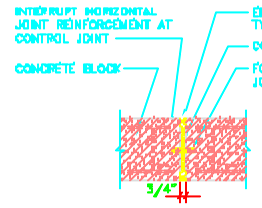
PARTITION DETAILS

PERPENDICULAR TO DECK CONDITION SHOWN, PARALLEL TO DECK CONDITION SIMILAR

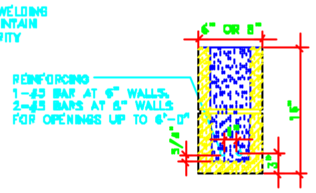


S.1 MASONRY PARTITION (1 HR) C.M.U. WIDTH - 6" NOMINAL OVERALL DIMENSION - 5 5/8"
T.1 MASONRY PARTITION (NON-RATED) C.M.U. WIDTH - 6" NOMINAL OVERALL DIMENSION - 5 5/8"
S.2 MASONRY PARTITION (1 HR) C.M.U. WIDTH - 8" NOMINAL OVERALL DIMENSION - 7 5/8"
T.2 MASONRY PARTITION (NON-RATED) C.M.U. WIDTH - 8" NOMINAL OVERALL DIMENSION - 7 5/8"

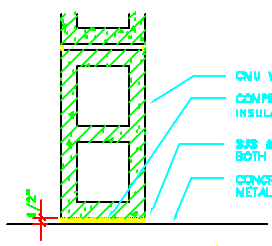
PARTITION TYPES S&T (11)



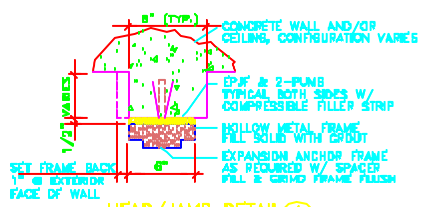
CONTROL JT. TYP. (8) 1 1/2"=1'-0"



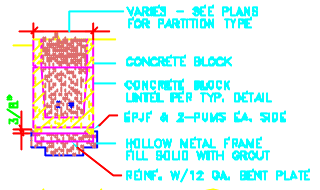
LINTEL DTL. TYP. (9) 1 1/2"=1'-0"



WALL DETAIL TYP. (10) 3"=1'-0"

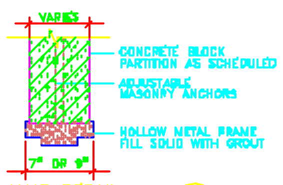


HEAD/JAMB DETAIL (4) 1 1/2"=1'-0"

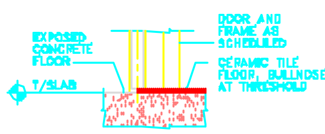


HEAD DETAIL (1) 1 1/2"=1'-0"

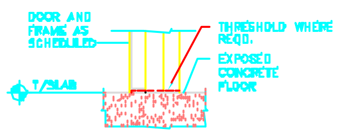
NOT USED (5)



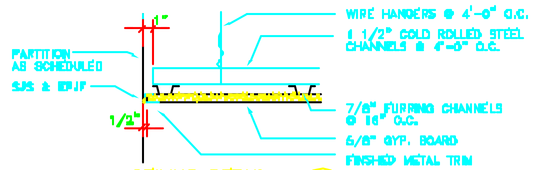
JAMB DETAIL (2) 1 1/2"=1'-0"



SILL DETAIL (6) 1 1/2"=1'-0"



SILL DETAIL (3) 1 1/2"=1'-0"

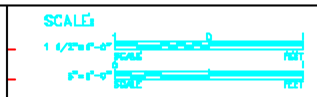


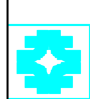
CEILING DETAIL (7) 3"=1'-0"

NAME		DATE
DRAFTING REVIEW	A. TITUS	1/28/94
DESIGN REVIEW	J. TITUS S. DIXON	1/28/94
L&P APPROVAL	E. CRUMPLEY	1/28/94
PROJ. APPROVAL	W. NESTANDER	1/28/94
	G. BOCK	1/28/94

KNIGHT
Knight Architects Engineers Planners, Inc.
549 West Randolph Street
Chicago, IL 60661

SCALE:





FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY
KTeV EXPERIMENTAL AREA
DOOR & PARTITION DETAILS
DRAWING NO. 8-6-3 A-10 REV.
28 JAN. 1994

Date&Time: 01/24/94 13:13:16 User: TMS Filename: B:\PAPER\KAPSA10

No. | Date | Drawing Issue Description | By