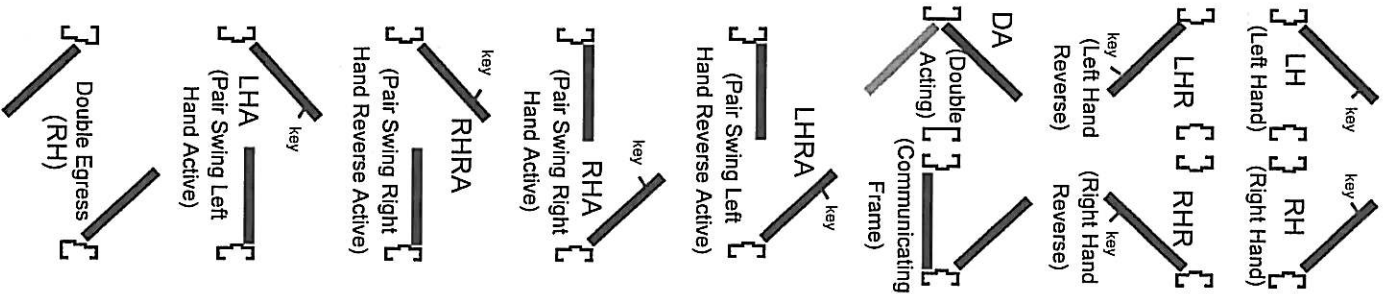


FRAME, DOOR & HARDWARE SUBMITTAL



- Approval indicates that this set of approved drawings has been checked and that the contractor authorizes EightyNineA to fabricate or order material as shown herein.
- These drawings embrace only that work in EightyNineA's contract. EightyNineA does not assume responsibility for measurements affecting other contractor's work.
- Contractor should check and take note of all dimensions as EightyNineA assumes no responsibility beyond manufacturing in accordance with the dimensions shown on these approved drawings.
- Door and Frame products are manufactured to the sizes indicated and within manufacturing tolerances as shown herein.
- As supplier of the door and/or frame, we cannot control the quality of either the field installation of the hardware or the proper erection of the frame in the wall. For these reasons, EightyNineA cannot accept the responsibility for the final fit and clearances of the opening.
- Field Shimming by the installing contractor may be necessary to obtain the desired clearances.
- For further information on installation procedure, consult the Door and Hardware Institute Manual D-4, "The Installation of Commercial Steel Door and Steel Frames, Insulated Steel Doors in Wood Frames, and Builders Hardware" and/or the National Association of Architectural Metal Manufacturers manual "Hollow Metal Technical and Design Manual".
- EightyNineA will not be responsible for errors incurred by other parties through the use of these drawings. Other trades should contact EightyNineA for confirmation of critical dimensions such as hardware locations, glass light sizes, etc.
- No material will be processed for fabrication until final approved prints, approved hardware schedule, and complete hardware templates are received.
- PER SDI-100 APPENDIX 'E' - FINISH PAINT GLOSS SHOULD NOT EXCEED 25°.
- Unless noted otherwise; all drilling, tapping & through bolt holes for closers, brackets, roses, escutcheons, kick plates, viewers & surface hardware to be done by others.

- Application of hardware and erection to be done by others.
- Drilling and tapping for pivots, thrust pivots, floor closers and anchor hinges to be done in the field by others. Mortised preparations only shall be provided.
- Conduit, J-boxes and/or holes for electrical wire passage through frames shall be provided and installed by others.
- All material must be checked by Contractor/Installer prior to installation. Notify EightyNineA if material is not correct. Our liability extends only to the value of the affected material whether replaced or corrected. No additions, deductions, modifications, claims or backcharges whatsoever will be honored by EightyNineA unless previously authorized in writing.

REVISIONS	PRINTS ISSUED
1/3/13 CHGS TO FR	1/4/13 FOR APPROVAL
1/4/13 ANSWERS TO OPNG	2/4/13 PER CUST REQUEST
ACTION LOGS	
1/9/13 CHGS SEE GNC 006	

PROJECT CARE FOR THE YOUNG AT HEART FACILITY

LOCATION DON'T GET LOST DRIVE

SOMEWHERE, AZ 857???

ARCHITECT MINDFUL ARCHITECTS

CUSTOMER OPENINGS GALORE

DRAWN BY AC JOB NO. 7777

EIGHTYNINEA GENERAL NOTES AND COMMENTS (GNC) FOR CARE FOR THE YOUNG AT HEART FACILITY

GNC #	Date	Action	Material Status
General Comment or Discrepancy			
001	12/28/12	FYI	
THESE SUBMITTALS ARE BASED ON ARCHITECTURAL PLANS DATED 5/13/12, REVISED 6/17/12, PAGES A1, A001, A001, A002, A101, A102, A103, A201, A202, A203, A204, A205, A206, A207, A301, A302, A303, A401, A402, A403, A501, A502, A601, A602, A603, A604, A701, A702, A703 & A704.			
002	12/28/12	Resolved	
NOTES AT WALL TYPES 'A' & 'B' ON SHEET A002 STATE WOOD SHEATHING WHERE OCCURS...INDICATORS FOR THIS WERE NOT FOUND ON THE PLANS. PLEASE ADVISE WHERE THIS CONDITION MAY EXIST.			
RESOLUTION - NO WOOD SHEETING IMPACT ON DOOR FRAMES.			
003	12/28/12	FYI	
THREE KINDS OF DOOR FRAMES ARE BEING USED ON THIS PROJECT. EACH ONE HAS ITS OWN ROUGH OPENING AND INSTALLATION REQUIREMENTS. SEE ENCLOSED PREFINISHED HOLLOW METAL FRAME AND WELDED FRAME INSTALLATION INFORMATION TO DETERMINE THE CORRECT ROUGH OPENINGS AND INSTALLATION TECHNIQUES.			
004	12/28/12	Resolved	
NOTE ON SHEET A001 STATES 72" WIDE CORRIDORS ARE TO BE PROVIDED ON THIS PROJECT. SEVERAL DOUBLE EGRESS CROSS CORRIDOR OPENINGS WILL NOT FIT INTO THIS DIMENSION. PLEASE VERIFY OVERALL CORRIDOR WIDTH AND ADVISE HOW TO PROCEED.			
RESOLUTION - USE SIZES SHOWN ON PLAN DOOR SCHEDULE.			

GNC #	Date	Action	Material Status
General Comment or Discrepancy			
005	1/3/13	Resolved	
SEVERAL EXTERIOR OPENINGS HAVE BEEN REQUESTED TO BE KNOCKED DOWN PREFINISHED HOLLOW METAL FRAMES. THIS IS NOT A RECOMMENDED FRAME TYPE FOR EXTERIOR APPLICATIONS ON THIS TYPE OF BUILDING. SEE ATTACHED 'INTEGRATED OPENING ACTION LOGS' FOR EACH ONE OF THESE OCCURRENCES. WE RECOMMEND WELDED FRAME ASSEMBLIES AT THESE LOCATIONS. THE FRAME MATERIAL IS HEAVIER AND RESISTS DAMAGE, LEAKAGE, AIR INFILTRATION AND ACCIDENTAL OR VANDALIZED TRIM REMOVAL.			
1/4/12 - OPENINGS CONVERTED TO WELDED HOLLOW METAL OR DELETED. SEE SCHEDULE FOR ITEMIZATION.			
006	1/8/13	FYI	
DOOR SCHEDULE UP DATED TO MATCH LIST SENT 1/7/12 BY GENERAL CONTRACTOR. NUMEROUS FIRE LABELS DELETED.			
2/2/13 - PER CUSTOMER DIRECTION, LEAVE FIRE LABELS SAME AS ORIGINAL.			
007	2/11/13	Respond	Hdw on hold
SEVERAL OPENINGS REQUIRE KEYING INSTRUCTIONS.			
THE NOTE 'TBA' (TO BE ADVISED) IS SHOWN AT THE EFFECTED OPENINGS. THIS APPEARS ON THE HARDWARE SCHEDULE AT EACH OPENING IDENTIFICATION AND REPEATED AGAIN ON THE PAGE TITLED 'ARCHITECT OPENING, DOOR/FRAME MATERIAL, SIZE, HARDWARE GROUP & KEYING CORRELATION'.			
THE COMPLETE KEYING INSTRUCTIONS ARE REQUIRED BEFORE WE CAN ORDER THESE FINISH HARDWARE ITEMS.			

[illegible]

COLUMN #	DEFINITION	COLUMN #	DEFINITION
1.	Shop drawing line number (LN). This is a unique number assigned to each opening to ensure accurate definitions are maintained. This number appears on the I.D. tags and shipping documents.	10.	Frame elevation. If used, the top italicized space is for the plan frame type reference. The bottom two spaces are for shop drawing frame elevation and elevation sheet number. The sheet number is usually preceded by an "F". Standard three sided frame elevations are depicted with EightyNineA fixed definitions. Special frame elevations (sidelites, transoms, windows, etc.) will use the plan definitions with some modifications to accommodate handling, glazing and other pertinent differences.
2.	Architect's opening number and plan identification (AM). This number appears on the I.D. tags and shipping documents.	11.	Frame anchor details can be see on the FRAME SPECIFICATION AND ANCHOR SHEET . Anchors that are unlike from one jamb to the other are differentiated in the HJ (hinge jamb) and SJ (strike jamb) or LJ (left jamb and RJ (right jamb) columns.
3.	Location of opening within the building and direction of swing. Opening From = Push Side and Swinging Into = Pull Side.	12.	Door <i>M77</i> (Material): HM = Hollow Metal, WD = Wood, ALUM = Aluminum. Series and gauge: Code describing metal door construction and gauge of face sheets. Also used to define wood door, cut and species. See ' DS1 ' shop drawing sheets for definition of codes.
4.	Swing of door opening (handing). See cover of shop drawings for definitions. At window frames 'WU' (window unit) is noted.	13.	Door elevation. If used, the top italicized space is for the plan door type reference. The lower reference is for the EightyNineA definition (see ' D1 ' shop drawing sheets for elevation depictions).
5.	Nominal width of door opening in inches (<i>mm</i>). See J.O.W. (jamb opening width) on three sided frame elevations for dimension reference. At window frames 'SE' (see elevation) is noted and overall dimensions for sidelight and transom frame assemblies are shown on the relevant frame elevations (see column 10 for these frame elevation references).	14.	Door undercut. Standard undercut at the bottom the bottom of the door to the bottom of the frame is <i>3/4"</i> (<i>19 mm</i>) for hollow metal doors or <i>5/8"</i> (<i>16 mm</i>) for wood doors unless noted otherwise.
6.	Nominal height of door opening in inches (<i>mm</i>). See J.O.H. (jamb opening height) on three sided frame elevation for dimension reference. At window frames 'SE' (see elevation) is noted and overall dimensions for sidelight and transom frame assemblies are shown on the relevant frame elevations (see column 10 for these elevation references).	15.	Door thickness. <i>1 3/4"</i> (<i>44.5 mm</i>) is standard for most commercial projects.
7.	Fire label definition expressed in minutes. Label suffixes can be 'S' = Positive Pressure and 'T' = Temperature Rise.	16.	If used, the top italicized space is for the plan/specification hardware sets. The space below is for the hardware heading as shown on the final hardware schedule.
8.	Frame <i>M77</i> (Material): HM = Hollow Metal, WD = Wood, ALUM = Aluminum. Profile: D = double rabbet, S = single rabbet, C = cased open, DE = double egress. Suffixes for these definitions can be L = lead lined, W = Drywall return and S = Stainless Steel. Frame gauge: 16, 14, etc. In the case of other material, the finish can be shown here.	17.	Remarks and multiple quantity definition. If the opening quantity is greater than one per line number, then Qty = # will be shown.
9.	Jamb depth is outside dimension of the frame profile. Unless noted otherwise - standard hollow metal frames have <i>1/2"</i> (<i>13 mm</i>) frame returns and the throat opening will be <i>1"</i> (<i>25.4 mm</i>) less than the jamb depth. This is an important dimension because it relates directly to the wall thickness the frame might wrap around. Prefinished HMF's, Alum. & Wood frames are expressed using wall thickness (applied trim dimensions are not included).	18.	Status - used to track material that has been released for orders or production. Also can signify: D = deleted, H = on hold or N = not in EightyNineA order.

EightyNineA DOOR/FRAME SCHEDULE - JOB # 7777

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IDENTIFICATION																
1	2	3	4	5	6	7	8	FRAME DATA			DOOR DATA					16
LINE NO.	ARCH. MARK	OPENING FROM SWINGING INTO	HAND	SIZE INCHES (")		FIRE RATE	M/TL PRO FILE	JAMB DEPTH INCHES	P/LAN ELEV. SHEET #	ANCHOR DETAIL	M/TL SER IES	P/LAN ELEV. SHEET 'D1'	U.C. 3/4" UNO	THICK	HDW. HDG. #	REMARKS
(LN)	(AM)			WIDTH (U.O.W.)	HEIGHT (U.O.H.)	MIN	& GA	(")		HU LJ	SJ RJ	& GA				(Opening quantity per line equals one, unless specified otherwise in these remarks)
1	DELAYED 003A	POD A RECEP	1/4" GLASS DR. SLIDE LHR	42"	84"	20	H/M D 16	7.75	6 SL1R F4	12	12	WD SC PC	P1 F	1.75	10	DELAYED EGRESS SYSTEM
																2F 4F 8F
2	DELAYED 003B	POD D RECEP	1/4" GLASS DR. SLIDE RHR	42"	84"	20	H/M D 16	7.75	6 SL1L F4	12	12	WD SC PC	P1 F	1.75	10	DELAYED EGRESS SYSTEM
																2F 4F 8F
3	COMMON 004	CONFR LOBBY	1/4" GLASS DR. SLIDE RHRA	2-36"	84"		H/M D 16	7.75	8 HM2S F2	12	12	WD SC PC	IG1 FG1	1.75	5	DOOR BY OTHERS
																2F 6F 8F
4	COMMON 005A	RECEP DIRECTOR	RH	36"	84"	20	P/FHM S 20	6.75	1 TS1 F1a	SCR SCR	SCR	WD SC PC	P1 F	1.75	6D	PREFINISHED K.D. HOLLOW METAL FRAME
																3F 4F 8F
5	COMMON 005B	CORR DIRECTOR	RH	36"	84"		P/FHM S 20	6.75	W5 TS1 F1a	SCR SCR	SCR	WD SC PC	P1 F	1.75	6A	PREFINISHED K.D. HOLLOW METAL FRAME
																3F 4F 8F
6	COMMON 5	CORR DIRECTOR	WU	SE SE	SE	60	P/FHM S 20	6.75	W5 5 F6	SCR SCR	SCR					BORROWED LITE PREFINISHED K.D. HOLLOW METAL FRAME
																D
7	COMMON 006A	SITTING WORK	LH	36"	84"	20	P/FHM S 20	6.75	1 TS1 F1a	SCR SCR	SCR	WD SC PC	P1 F	1.75	6E	PREFINISHED K.D. HOLLOW METAL FRAME
																3F 4F 8F
8	COMMON 5	SITTING WORK	WU	SE SE	SE	60	P/FHM S 20	6.75	W5 5 F6	SCR SCR	SCR					BORROWED LITE PREFINISHED K.D. HOLLOW METAL FRAME
																D
9	COMMON 006B	CORR WORK	LH	36"	84"		P/FHM S 20	6.75	1 TS1 F1a	SCR SCR	SCR	WD SC PC	IG1 FG1	1.75	6	PREFINISHED K.D. HOLLOW METAL FRAME
																3F 6F 8F
10	COMMON 007	CORR CARE MGR	LH	36"	84"		P/FHM S 20	6.75	1 TS1 F1a	SCR SCR	SCR	WD SC PC	IG1 FG1	1.75	6	PREFINISHED K.D. HOLLOW METAL FRAME
																3F 6F 8F
11	COMMON 008A	CARE MGR OFFICE	LH	36"	84"		P/FHM S	4.875	1 TS1 F1a	SCR SCR	SCR	WD SC PC	IF2 N2	1.75	6	PREFINISHED K.D. HOLLOW METAL FRAME
																D
12	COMMON 008B	CORR OFFICE	RH	42"	84"		P/FHM S 20	6.75	1 TS1 F1a	SCR SCR	SCR	WD SC PC	IG1 FG1	1.75	6	PREFINISHED K.D. HOLLOW METAL FRAME
																3F 6F 8F

EightyNineA DOOR/FRAME SCHEDULE - JOB # 7777

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IDENTIFICATION																		
1	2	3	4	5	6	7	FRAME DATA					DOOR DATA					16	REMARKS
LINE NO.	ARCH. MARK	OPENING FROM SWINGING INTO	HAND	SIZE INCHES (")		FIRE RATE MIN	M/TZ PRO FILE & GA	JAMB DEPTH INCHES (")	PLAN/ ELEV. SHEET #	ANCHOR DETAIL	M/TZ SER IES & GA	PLAN/ U.C. SHEET 'D1'	U.C. THICK	HDW. HDG. #	(Opening quantity per line equals one, unless specified otherwise in these remarks)			
(LN)	(AM)			WIDTH (J.O.W.)	HEIGHT (J.O.H.)					HJ LJ SJ RJ			"					
13	COMMON 009	CORR BATHER	RH	36"	84"		PEHM S 20	6.75	1 TS1 F1a	SCR SCR	WD SC PC	IG1 FG1	1.75	6A	PREFINISHED K.D. HOLLOW METAL FRAME			
															3F	3F		
															6F	6F		
															8F	8F		
14	COMMON 010	CORR SALON	RH	36"	84"		PEHM S 20	6.75	1 TS1 F1a	SCR SCR	WD SC PC	IG1 FG1	1.75	6A	PREFINISHED K.D. HOLLOW METAL FRAME			
															3F	3F		
															6F	6F		
															8F	8F		
15	COMMON 011A	CORR KITCHEN	RH	36"	84"		HM D 16	7.75	1 TS1 F1	12	HM GPBE 18	IF1 F	1.75	13				
															2F	2F		
															5F	5F		
															8F	8F		
16	COMMON 011B	CORR KITCHEN	LH	36"	84"		HM D 16	7.75	1 TS1 F1	12	HM GPBE 18	IF1 F	1.75	13				
															2F	2F		
															5F	5F		
															8F	8F		
17	COMMON 011C	CORR KITCHEN	RH	42"	84"	20	HM D 16	7.75	1 TS1 F1	12	HM GPBE 18	IF2 N1	1.75	6B				
															2F	2F		
															5F	5F		
															8F	8F		
18	COMMON 011D	JAN KITCHEN	LHR	24"	84"		PEHM S 20	4.875	1 TS1 F1a	SCR SCR	HM GPBE 18	IF1 F	1.75	7B	PREFINISHED K.D. HOLLOW METAL FRAME			
															3F	3F		
															5F	5F		
															8F	8F		
19	COMMON 013	TOILET CORR	LHR	36"	84"	20	PEHM S 20	6.75	1 TS1 F1a	SCR SCR	WD SC PC	P1 F	1.75	8	PREFINISHED K.D. HOLLOW METAL FRAME			
															3F	3F		
															4F	4F		
															8F	8F		
20	COMMON 014	CORR SOILED	LH	42"	84"		HM D 16	7.75	1 TS1 F1	12	HM GPBE 18	IF2 N1	1.75	6B				
															2F	2F		
															5F	5F		
															8F	8F		
21	COMMON 015	CORR LAUNDRY	LH	42"	84"		HM D 16	7.75	1 TS1 F1	12	HM GPBE 18	IF2 N1 L1	1.75	6B				
															2F	2F		
															5F	5F		
															8F	8F		
22	COMMON 016	CORR STOR	RH	36"	84"	20	HM D 16	7.75	1 TS1 F1	12	HM GPBE 18	IF2 N1	1.75	7D				
															2F	2F		
															5F	5F		
															8F	8F		
23	COMMON 018	CORR STAFF	LH	36"	84"	20	HM D 16	7.75	1 TS1 F1	12	HM GPBE 18	IF2 N1	1.75	11				
															2F	2F		
															5F	5F		
															8F	8F		
24	COMMON 019	ELEC CORR	LHR	42"	84"		HM D 16	7.75	1 TS1 F1	12	HM GPBE 18	IF1 F	1.75	6B				
															2F	2F		
															5F	5F		
															8F	8F		

EightyNineA DOOR/FRAME SCHEDULE - JOB # 7777

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IDENTIFICATION							FRAME DATA					DOOR DATA					REMARKS	ST.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
LINE NO.	ARCH. MARK (AM)	OPENING FROM SWINGING INTO	HAND	SIZE INCHES (")		FIRE RATE MIN	M/TL PRO FILE & GA	JAMB DEPTH INCHES (")	P/LAN ELEV. SHEET #	ANCHOR DETAIL	M/TL SER IES & GA	P/LAN ELEV. SHEET 'D1'	U.C. 3/4" UNO	THICK	HDW. HDG. #	(Opening quantity per line equals one, unless specified otherwise in these remarks)	FR	DR
25	DELAYED 020A	CORR	RHR	42"	84"	20	H/M D 16	7.75	1 1S1	12	12	WD SC PC	P1 F	1.75	10	DELAYED EGRESS SYSTEM	2F	4F
		CORR															8F	
26	DELAYED 020B	POD C	LHR	42"	84"	20	H/M D 16	7.75	1 1S1	12	12	WD SC PC	P1 F	1.75	10	DELAYED EGRESS SYSTEM	2F	4F
		CORR															8F	
27	COMMON 021A	CORR	LHR D.E.	2-36"	84"	20	H/M DE 16	7.75	3 5PR	12	12	H/M GPBE 18	I/F2 N1	1.75	4		2F	5F
		CORR															8F	
28	COMMON 022A	CORR	LHR D.E.	2-36"	84"	20	H/M DE 16	7.75	3 5PR	12	12	H/M GPBE 18	I/F2 N1	1.75	4		2F	5F
		CORR															8F	
29	COMMON 025A	CORR	LH	36"	84"		P/H/M S 20	6.75	1 TS1	SCR SCR	WD SC PC	I/G1 FG1		1.75	6	PREFINISHED K.D. HOLLOW METAL FRAME	3F	6F
		OFFICE															8F	
30	COMMON 026A	CORR	RH	36"	84"		P/H/M S 20	6.75	1 TS1	SCR SCR	WD SC PC	I/G1 FG1		1.75	6	PREFINISHED K.D. HOLLOW METAL FRAME	3F	6F
		OFFICE															8F	
31	COMMON 026B	OFFICE	BP	2-30"	84"		P/H/M S 20	4.875	5 TMCO	SCR SCR	WD SC PC	P1 F		1.75	15	BY PASS DOORS PREFINISHED K.D. HOLLOW METAL FRAME	3F	4F
		CLOSET															8F	
32	COMMON 027A	CORR	LH	36"	84"		P/H/M S 20	6.75	1 TS1	SCR SCR	WD SC PC	I/G1 FG1		1.75	6	PREFINISHED K.D. HOLLOW METAL FRAME	3F	6F
		DAY ROOM															8F	
33	COMMON 027B	DAY ROOM	BP	2-30"	84"		P/H/M S 20	4.875	5 TMCO	SCR SCR	WD SC PC	P1 F		1.75	15	BY PASS DOORS PREFINISHED K.D. HOLLOW METAL FRAME	3F	4F
		CLOSET															8F	
34	COMMON 028	CORR	RH	36"	84"		P/H/M S 20	6.75	1 TS1	SCR SCR	WD SC PC	I/G1 FG1		1.75	6	PREFINISHED K.D. HOLLOW METAL FRAME	3F	6F
		DAY ROOM															8F	
35	COMMON 029	LV CLT	LHR	36"	84"		P/H/M S 20	6.75	1 TS1	SCR SCR	WD SC PC	P1 F		1.75	7C	PREFINISHED K.D. HOLLOW METAL FRAME	3F	4F
		CORR															8F	
36	COMMON 030	LV CLT	RHR	36"	84"		P/H/M S 20	6.75	1 TS1	SCR SCR	WD SC PC	P1 F		1.75	7C	PREFINISHED K.D. HOLLOW METAL FRAME	3F	4F
		CORR															8F	

EightyNineA DOOR/FRAME SCHEDULE - JOB # 7777

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IDENTIFICATION							FRAME DATA					DOOR DATA					REMARKS	ST
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		18
LINE NO. (LN)	ARCH. MARK (AM)	OPENING FROM SWINGING INTO	HAND	SIZE INCHES (") WIDTH (J.O.W.) HEIGHT (J.O.H.)		FIRE RATE MIN	M/TL PRO FILE & GA	JAMB DEPTH INCHES (")	P/LAN' ELEV. SHEET #	ANCHOR DETAIL HJ LJ SJ RJ	M/TL SER IES & GA	P/LAN' ELEV. SHEET "D1"	U.C. 3/4" UNO	THICK	HDW. HDG. #	(Opening quantity per line equals one, unless specified otherwise in these remarks)	FR DR HD	
37	COMMON 121A	CORR CORR	RHR D.E.	2-36"	84"	20	H/M DE 16	7.75	3 5PL F1	12 12	H/M GPBE 18	I/F2 N1		1.75	4		2F 5F 8F	
38	COMMON 133	UNI TLT CORR	LHR	36"	80"		P/FH/M S 20	4.875	1 TS1 F1a	SCR SCR	W/D SC PC	P1 F		1.75	8	PREFINISHED K.D. HOLLOW METAL FRAME	3F 4F 8F	
39	COMMON 134	CORR JAN	RH	36"	80"		P/FH/M S 20	4.875	1 TS1 F1a	SCR SCR	W/D SC PC	P1 F		1.75	7	PREFINISHED K.D. HOLLOW METAL FRAME	3F 4F 8F	
40	COMMON 138	CORR STOR	LH	36"	80"		P/FH/M S 20	4.875	1 TS1 F1a	SCR SCR	W/D SC PC	P1 F		1.75	6C	PREFINISHED K.D. HOLLOW METAL FRAME	3F 4F 8F	
41	COMMON 139	CORR MEDS	LH	36"	80"	20	P/FH/M S 20	4.875	1 TS1 F1a	SCR SCR	W/D SC PC	I/F2 N2		1.75	6C	PREFINISHED K.D. HOLLOW METAL FRAME	D D D	
42	COMMON 233	UNI TLT CORR	RHR	36"	80"		P/FH/M S 20	4.875	1 TS1 F1a	SCR SCR	W/D SC PC	P1 F		1.75	8	PREFINISHED K.D. HOLLOW METAL FRAME	3F 4F 8F	
43	COMMON 234	CORR JAN	LH	36"	80"		P/FH/M S 20	4.875	1 TS1 F1a	SCR SCR	W/D SC PC	P1 F		1.75	7	PREFINISHED K.D. HOLLOW METAL FRAME	3F 4F 8F	
44	COMMON 238	CORR STOR	RH	36"	80"		P/FH/M S 20	4.875	1 TS1 F1a	SCR SCR	W/D SC PC	P1 F		1.75	7	PREFINISHED K.D. HOLLOW METAL FRAME	3F 4F 8F	
45	COMMON 239	CORR MEDS	RH	36"	80"		P/FH/M S 20	4.875	1 TS1 F1a	SCR SCR	W/D SC PC	I/F2 N2		1.75	6C	PREFINISHED K.D. HOLLOW METAL FRAME	3F 6F 8F	
46	COMMON 333	UNI TLT CORR	LHR	36"	80"		P/FH/M S 20	4.875	1 TS1 F1a	SCR SCR	W/D SC PC	P1 F		1.75	8	PREFINISHED K.D. HOLLOW METAL FRAME	3F 4F 8F	
47	COMMON 334	CORR JAN	RH	36"	80"		P/FH/M S 20	4.875	1 TS1 F1a	SCR SCR	W/D SC PC	P1 F		1.75	7	PREFINISHED K.D. HOLLOW METAL FRAME	3F 4F 8F	
48	COMMON 338	CORR STOR	LH	36"	80"		P/FH/M S 20	4.875	1 TS1 F1a	SCR SCR	W/D SC PC	P1 F		1.75	6C	PREFINISHED K.D. HOLLOW METAL FRAME	3F 4F 8F	

EightyNinea DOOR/FRAME SCHEDULE - JOB # 7777

Page 5 of 7

IDENTIFICATION																
1	2	3	4	5	6	7	8	FRAME DATA				DOOR DATA				
LINE NO.	ARCH. MARK	OPENING FROM	HAND	SIZE INCHES (")		FIRE RATE	M/TL PRO FILE	JAMB DEPTH	P/LA/V ELEV.	ANCHOR DETAIL	M/TL SER	P/LA/V ELEV.	U.C. 3/4"	THICK	HDW. HDG.	REMARKS
(LN)	(AM)	SWINGING INTO		WIDTH (J.O.W.)	HEIGHT (J.O.H.)	MIN	& GA	INCHES (")	SHEET #	HJ LU	SJ RU	I/S & GA	'D1'	UNO	"	#
49	COMMON 339	CORR MEDS	LH	36"	80"		PFHM S	4.875	1 TS1	SCR SCR	WD SC	IF2 N2		1.75	6C	PREFINISHED K.D. HOLLOW METAL FRAME
50	COMMON 421A	CORR CORR	LHR D.E.	2-36"	84"	20	HM DE 16	7.75	3 5PR F1	12	12	HM GPBE 18	IF2 N1		4	
51	COMMON 433	UNI TLT CORR	RHR	36"	80"		PFHM S 20	4.875	1 TS1 F1a	SCR SCR	WD SC	P1 F		1.75	8	PREFINISHED K.D. HOLLOW METAL FRAME
52	COMMON 434	CORR JAN	LH	36"	80"		PFHM S 20	4.875	1 TS1 F1a	SCR SCR	WD SC	P1 F		1.75	7	PREFINISHED K.D. HOLLOW METAL FRAME
53	COMMON 438	CORR STOR	RH	36"	80"		PFHM S 20	4.875	1 TS1 F1a	SCR SCR	WD SC	P1 F		1.75	6C	PREFINISHED K.D. HOLLOW METAL FRAME
54	COMMON 439	CORR MEDS	RH	36"	80"	20	PFHM S	4.875	1 TS1 F1a	SCR SCR	WD SC	IF2 N2		1.75	6C	PREFINISHED K.D. HOLLOW METAL FRAME
55	SUITES U1			36"	80"		WD WD	5.0	WDS1		WD SC	P1 2P		1.75	16	DOOR, FRAME AND HDWE BY OTHERS
56	SUITES U2			36"	80"		WD WD	5.0	WDS1		WD SC	P1 2P		1.75	17	DOOR, FRAME AND HDWE BY OTHERS
57	SHELL E101	LOBBY EXTERIOR	1/4" GLASS DR. SIDE	42"	80"		HM D 16	7.75	9 G1 F3	12	12	HM GPBE 18	G1 FG2		1	FRAME ELEV. CHG'D.
58	SHELL E102	DINING EXTERIOR	RHR	36"	96"		HM D 16	7.75	1 1S1 F1	12	12	WD SC	G2 FG3		2	DOOR BY OTHERS
60	SHELL E104	CORR EXTERIOR	RHRA	2-36"	96"		HM D 16	7.75	2 1P1 F1	12	12	HM GPBE 18	F2 F		14	ACCESS CONTROL
61	SHELL E105	DINING EXTERIOR	RHR	36"	96"		HM D 16	7.75	1 1S1 F1	12	12	WD SC	G2 FG3		2	DOOR BY OTHERS

EightyNinea DOOR/FRAME SCHEDULE - JOB # 7777

Page 6 of 7

IDENTIFICATION											FRAME DATA					DOOR DATA					REMARKS	ST
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18					
LINE NO. (LN)	ARCH. MARK (AM)	OPENING FROM SWINGING INTO	HAND	SIZE INCHES (") WIDTH (J.O.W.) HEIGHT (J.O.H.)		FIRE RATE MIN	M/TZ PRO FILE & GA	JAMB DEPTH INCHES (")	P/LA/V ELEV. SHEET #	ANCHOR DETAIL HJ LJ SJ RJ	M/TZ SER IES & GA	P/LA/V ELEV. SHEET 'D1'	U.C. 3/4" UNO	THICK "	HDW. HDG. #	(Opening quantity per line equals one, unless specified otherwise in these remarks)	FR DR HD					
62	SHELL E106	DINING EXTERIOR	LHR	36"	96"		H/M D 16	7.75	1 1S1 F1	12	12	WD SC PC	G2 FG3		1.75	2	DOOR BY OTHERS	1P 6F 7P				
63	SHELL E107	CORR EXT COURT YARD	LHR	36"	96"		H/M D 16	7.75	1 1S1 F1	12	12	WD SC PC	G2 FG3		1.75	9A	DOOR BY OTHERS	1P 6F 7P				
64	SHELL E108	CORR EXT COURT YARD	LHR	36"	84"		H/M D 16	7.75	1 1S1 F1	12	12	WD SC PC	G2 FG1		1.75	9	DOOR BY OTHERS	1P 6F 7P				
65	SHELL E109	CORR EXT COURT YARD	RHR	36"	84"		H/M D 16	7.75	1 1S1 F1	12	12	WD SC PC	G2 FG1		1.75	9		1P 6F 7P				
66	SHELL E110	CORR EXT COURT YARD	RHR	36"	96"		H/M D 16	7.75	1 1S1 F1	12	12	WD SC PC	G2 FG1		1.75	9A	DOOR BY OTHERS	1P 6F 7P				
67	SHELL E111	DINING EXT COURT YARD	LHR	36"	84"		H/M D 16	7.75	1 1S1 F1	12	12	WD SC PC	G2 FG1		1.75	9	PREFINISHED K.D. HOLLOW METAL FRAME	1P 6F 7P				
68	SHELL E112	DINING EXT COURT YARD	RHR	36"	84"		H/M D 16	7.75	1 1S1 F1	12	12	WD SC PC	G2 FG1		1.75	9	DOOR BY OTHERS	1P 6F 7P				
69	SHELL E113	COURTYARD A EXTERIOR	LHR	42"	82"		H/M D 16	7.75	7 ARCH F5	9	9	H/M GPBE 18	F1 F-ARC		1.75	3		1P 5F 7P				
70	SHELL E114	COURTYARD B EXTERIOR	RHR	42"	82"		H/M D 16	7.75	7 ARCH F5	9	9	H/M GPBE 18	F1 F-ARC		1.75	3		1P 5F 7P				
71	SHELL E115	COURTYARD C EXTERIOR	LHR	42"	82"		H/M D 16	7.75	7 ARCH F5	9	9	H/M GPBE 18	F1 F-ARC		1.75	3		1P 5F 7P				
72	SHELL E116	COURTYARD D EXTERIOR	RHR	42"	82"		H/M D 16	7.75	7 ARCH F5	9	9	H/M GPBE 18	F1 F-ARC		1.75	3		1P 5F 7P				
73	SHELL E117	W/H RISER EXTERIOR	RHR	36"	84"		H/M D 16	7.75	1 1S1 F1	12	12	H/M GPBE 18	F1 F		1.75	7A		1P 5F 7P				

EightyNineA DOOR/FRAME SCHEDULE - JOB # 7777

Page 7 of 7

IDENTIFICATION											FRAME DATA				DOOR DATA				REMARKS		ST
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
LINE NO. (LN)	ARCH. MARK (AM)	OPENING FROM	HAND	SIZE INCHES (")		FIRE RATE MIN	M/TL PRO FILE & GA	JAMB DEPTH INCHES (")	P/LA/V ELEV.	ANCHOR DETAIL	M/TL SER IES & GA	P/LA/V ELEV.	U.C. 3/4" UNO	THICK "	HDW. HDG. #	(Opening quantity per line equals one, unless specified otherwise in these remarks)					
		SWINGING INTO		WIDTH (J.O.W.)	HEIGHT (J.O.H.)				SHEET #			HJ LJ						SJ RJ	"D1"		
74	SHELL E118	ATTIC	RH	24"	48"		H/M D 16	8.75	4 4S	12	12	H/M GPBE 18	F1 F	.125	1.75	12	4 SIDED FRAME	1P			
		EXTERIOR							F1									5F			
75	SHELL E118	ATTIC	LH	24"	48"		H/M D 16	8.75	4 4S	12	12	H/M GPBE 18	F1 F	.125	1.75	12	4 SIDED FRAME	1P			
		EXTERIOR							F1									5F			
76	SHELL E118	ATTIC	RH	24"	48"		H/M D 16	8.75	4 4S	12	12	H/M GPBE 18	F1 F	.125	1.75	12	4 SIDED FRAME	1P			
		EXTERIOR							F1									5F			
77	SHELL E118	ATTIC	LH	24"	48"		H/M D 16	8.75	4 4S	12	12	H/M GPBE 18	F1 F	.125	1.75	12	4 SIDED FRAME	1P			
		EXTERIOR							F1									5F			
78	SHELL 2	EXTERIOR	WU	SE	SE		P/HM S 20	6.75	W2 2	SCR	SCR					BORROWED LITE PREFINISHED K.D. HMF QTY = 18	3F				
		EXTERIOR							F6												
79	SHELL 4	EXTERIOR	WU	SE	SE		P/HM S 20	6.75	4 4	SCR	SCR					BORROWED LITE PREFINISHED K.D. HMF QTY = 4	3F				
		EXTERIOR							F6												

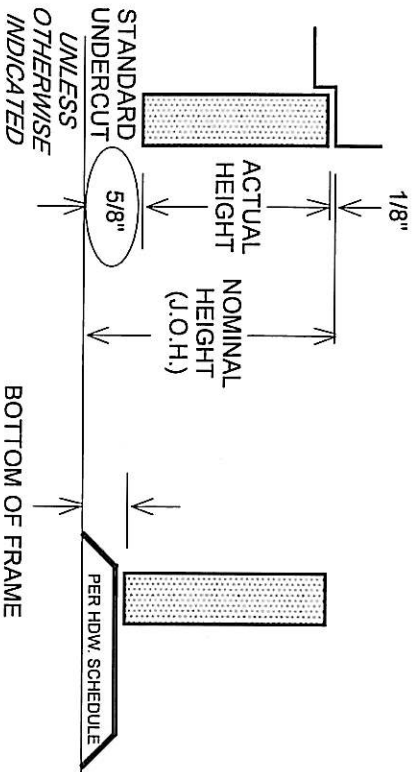
OPENING SIZES SHOWN INDICATE DOOR CUT OUT, FOR EXPOSED GLASS SEE LITE KIT DETAIL

F FLUSH PLAN ELEV. <i>P1, IF1, F1</i>		V VISION LITE PLAN ELEV. NOT USED		L LOUVER PLAN ELEV. NOT USED																																																																																					
DOOR ASTRAGAL (at pair doors per schedule) FLAT BAR - 1 1/2" 12 GA. SHIPS LOOSE																																																																																									
<table border="1"> <tr> <th>ELEV.</th> <th>DN</th> <th>IN</th> <th>W</th> <th>H</th> </tr> <tr> <td>N1</td> <td>20</td> <td>8</td> <td>6</td> <td>10</td> </tr> <tr> <td>N2</td> <td>20</td> <td>8</td> <td>6</td> <td>10</td> </tr> <tr> <td>N3</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>N4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>N5</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		ELEV.	DN	IN	W	H	N1	20	8	6	10	N2	20	8	6	10	N3					N4					N5					<table border="1"> <tr> <th>ELEV.</th> <th>DN</th> <th>IN</th> <th>W</th> <th>H</th> </tr> <tr> <td>V1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>V2</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>V3</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>V4</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>V5</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		ELEV.	DN	IN	W	H	V1					V2					V3					V4					V5					<table border="1"> <tr> <th>ELEV.</th> <th>UP</th> <th>W</th> <th>H</th> </tr> <tr> <td>L1</td> <td>12</td> <td>24</td> <td>18</td> </tr> <tr> <td>L2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>L3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>L4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>L5</td> <td></td> <td></td> <td></td> </tr> </table>		ELEV.	UP	W	H	L1	12	24	18	L2				L3				L4				L5			
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N NARROW LITE PLAN ELEV. <i>1/F2</i>		G HALF LITE PLAN ELEV. NOT USED		D DUTCHMAN SHELF PLAN ELEV. NOT USED																																																							
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ELEV.	DN	IN	W	H																																																							
N1	20	8	6	10																																																							
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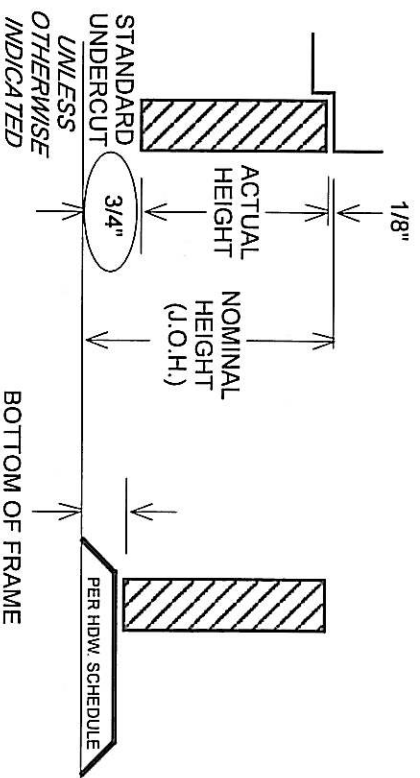
GG DOUBLE LITE PLAN ELEV. NOT USED		FG FULL LITE PLAN ELEV. <i>1/G1, G1, G2</i>		SLIMLINE GLASS LITE DETAIL 1/4" THICK GLASS BY OTHERS (UNO) DEDUCT 2" FOR EXPOSED GLASS SIZE																																																									
<table border="1"> <tr> <th>ELEV.</th> <th>DN</th> <th>W</th> <th>H1</th> </tr> <tr> <td>GG1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GG2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GG3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>BTM.</td> <td>MID</td> <td></td> <td></td> </tr> <tr> <td>GG1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GG2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>GG3</td> <td></td> <td></td> <td></td> </tr> </table>		ELEV.	DN	W	H1	GG1				GG2				GG3				BTM.	MID			GG1				GG2				GG3				<table border="1"> <tr> <th>ELEV.</th> <th>DN</th> <th>W</th> <th>H</th> </tr> <tr> <td>FG1</td> <td>7</td> <td>24</td> <td>64</td> </tr> <tr> <td>FG2</td> <td>7</td> <td>30</td> <td>60</td> </tr> <tr> <td>FG3</td> <td>7</td> <td>24</td> <td>74</td> </tr> <tr> <td>FG4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FG5</td> <td></td> <td></td> <td></td> </tr> </table>		ELEV.	DN	W	H	FG1	7	24	64	FG2	7	30	60	FG3	7	24	74	FG4				FG5				EXPOSED GLASS SIZE CUT-OUT GLASS SIZE	
ELEV.	DN	W	H1																																																										
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WOOD DOOR SILL DETAILS AND SPECIFICATIONS



NOTE: ALL OPENINGS REQUIRING GLASS NEED TO BE FIELD VERIFIED.
THIS SHOULD BE DONE PRIOR TO GLASS ORDERING.

HOLLOW METAL DOOR SILL DETAILS AND SPECIFICATIONS



NOTE: ALL OPENINGS REQUIRING GLASS NEED TO BE FIELD VERIFIED.
THIS SHOULD BE DONE PRIOR TO GLASS ORDERING.

ITEM	STANDARD	SPECIAL	ITEM	STANDARD	SPECIAL
GRADE	CUSTOM		DOOR SKIN (EXTERIOR)	18 GA.	
CORE TYPE	PARTICLE BOARD		DOOR SKIN (INTERIOR)	18 GA.	
STILES	1 1/4" HARDWOOD		HINGE REINF.	10 GA.	
RAILS	1 1/4" SOFTWOOD		LOCK REINF.	14 GA.	
FACE TYPE	HARDBOARD		SURFACE REINF.	12 GA.	
CUT	N/A		MORT. CLOSER/HOLDER	12 GA.	
FINISH	PRIME COAT		CORE	HONEYCOMB	
			FLUSH TOP CAP	EXTERIOR	
			FINISH	GALVANNEALED &	
				PRIMED AT WELDS	

LIFE OF INSTALLATION WARRANTY

EightyNineA

CARE FOR THE YOUNG AT HEART
FACILITY

JOB #
7777

DATE
2/11/2014

DOOR SPECIFICATION
SHEET

DS1 OF DS1

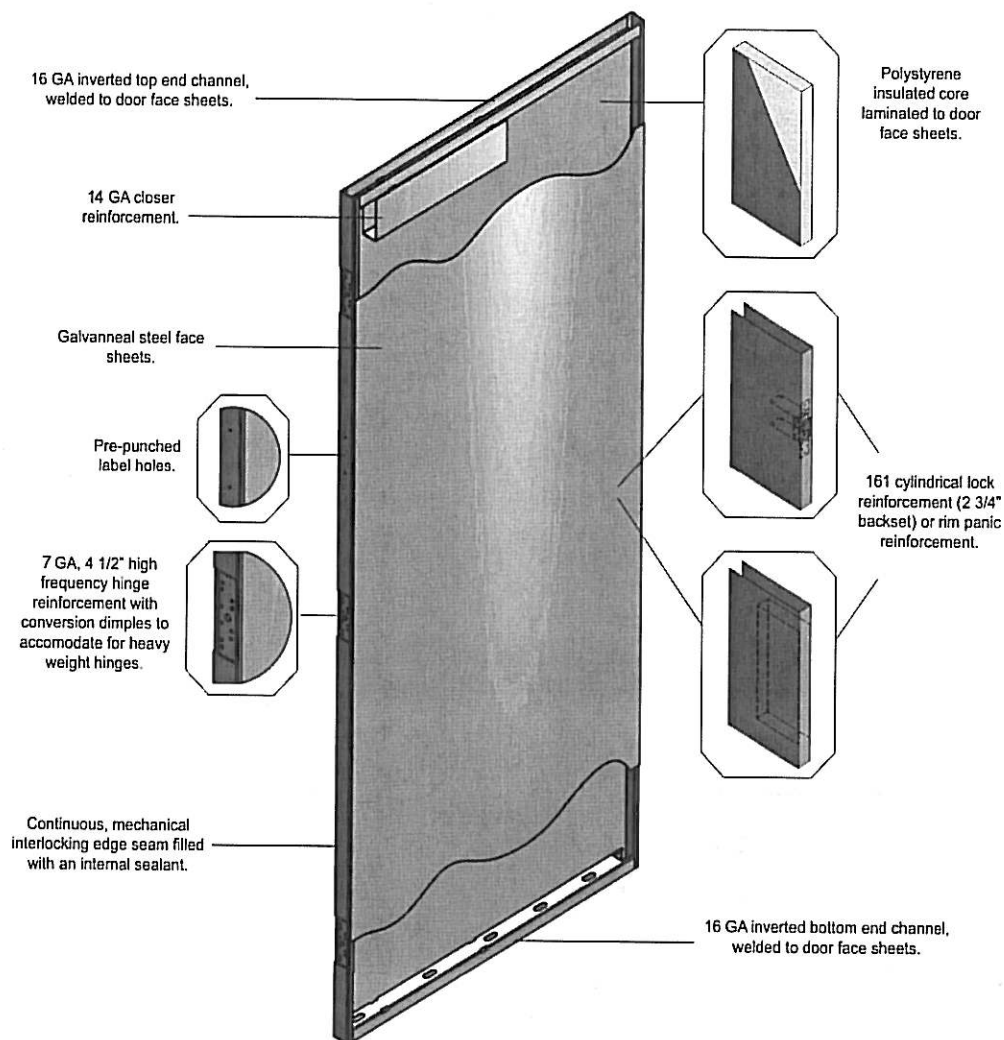
EightyNineA, LLC

6745 S. Harl Avenue, #102, Tempe, AZ 85283
Ph. #480-838-1620 FAX # 480-838-1618

TECHNICAL DETAIL

'GP' SERIES – POLYSTYRENE CORE

HOLLOW METAL DOORS



EightynineA is a Member of HMMA – Hollow Metal Manufacturers Association a division of the NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURES - NAAMM

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TECHNICAL DATA

'GP' SERIES – POLYSTYRENE CORE

HOLLOW METAL DOORS

1. Doors shall be made of commercial quality, level, cold-rolled steel conforming to ASTM A1008 and door face sheet thickness of 14, 16, 18 or 20 gauge with no visible face seams in accordance with all specified ANSI/SDI A250.8 (*SDI 100*) standards.
2. All doors shall be 1 3/4" in thickness, strong, rigid, neat in appearance and free from warpage. Edges shall be true and straight and a minimum radius for the gauge of metal used.
3. The vertical edges can be lock seamed or reinforced by a 16 gauge minimum continuous steel channel extending the full height of the door. The top and bottom edges shall be reinforced with 16 gauge inverted channels spot welded to the face sheets.
4. Internal construction of the door consists of a polystyrene slab core bonded to the door skins with a pressure sensitive contact adhesive. Polystyrene of 1.5 lbs. per cubic foot density provides a continuous bond of the core to face sheets. Based on core calculations the following values are achieved: "U" factor of .14, "R" factor of 6.5.
5. All doors shall be mortised and reinforced to allow field application of hinges and locks in accordance with an approved hardware schedule and templates supplied by the hardware contractor. Minimum hardware reinforcements:

Hinge reinforcement	- 7 gauge
Lock reinforcement	- 14 gauge
Closer reinforcement	- 14 gauge
Other surface hardware	- 16 gauge
Lock support	- 22 gauge
6. All doors to be thoroughly cleaned and phosphatized to inhibit corrosion and receive one coat of rust inhibitive primer or be constructed of A653 galvanized steel ready for finish coats of paint.
7. Doors shall be received by the contractor at the jobsite and handled in a manner so as not to be damaged. They shall be stored upright in a protected area on wood runners or skids and shall be covered with tarpaulins or vented plastic. Installation of doors to be done by others, plumb, straight and true.
8. Doors can be fire rated using time designated Intertek (WHI) fire labels up to 3 hours. Intertek and UL use the same testing and fire rating procedures. All openings are UL10B, UL10C and UBC7.2 compliant when used in conjunction with proper gaskets and/or seals.

Eightyninea is a Member of HMMA – Hollow Metal Manufacturers Association a division of the NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURES - NAAMM



HALEY
ARCHITECTURAL DOORS

ARCHITECTURAL SOLID CORE

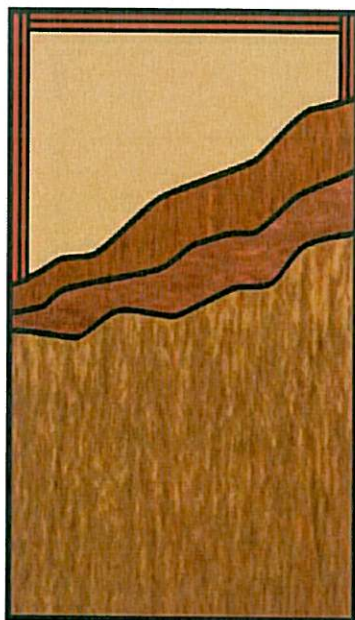
APC-3

STANDARD

ACOUSTICAL

ARCHITECTURAL

LEAD LINED



PRODUCT DESCRIPTION

Designated for heavy usage in schools, hospitals, public buildings and other corridor entry applications. Highest grade for total door performance and appearance.

All doors meet or exceed current industry standards.

- Current WDMA I.S. 1A
- W.I.C. Section 20
- A.W.I. Section 1300 when specified

ITEM SPECIFICATIONS

Maximum Size	4'-0" x 10'-0"
Thickness	1 ³ / ₈ ", 1 ³ / ₄ ", up to 2 ¹ / ₄ "
Stiles	1 ¹ / ₄ " laminated hardwood bonded to core
Rails/Lock Blocks	1 ¹ / ₄ " minimum softwood, larger rails avail.
Core	Particle board. Meets or exceeds requirements of ANSI A208 and CS236-66. Lumber core also available.
Adhesives	Type 2. Type 1 available.
Faces	All commercially available hardwood species, medium density overlay, and high -pressure plastic laminates
Vision Panels & Louvers	Total area of openings not to exceed 40% of door area or 50% of door height, must be a minimum of 5" from door edges
Prefitting	May be prefit to net sizes as specified
Machining	May be factory machined for hardware as specified
Warranty	Up to life of the original installation. See full Haley Brothers Warranty for specific coverages
Short Form Specification	Doors shall be "Architectural Solid Core," manufactured according to the specifications shown in the Haley catalog

NOTE: All dimensions are before trimming.

6291 ORANGETHORPE AVENUE • BUENA PARK, CALIFORNIA 90620

TOLL FREE: 800.854.5951

PHONE: 714.670.2112 • FAX: 714.994.6971

EMAIL: INFO@HALEYBROS.COM URL: WWW.HALEYBROS.COM

EightyNineA, LLC

6745 S. Harl Avenue, #102, Tempe, AZ 85283
Ph. #480-838-1620 FAX # 480-838-1618

TECHNICAL DATA

HOLLOW METAL FRAMES

1. Frames shall be made of A653 grade CS steel with a galvanized coating weight of A60 for corrosion resistance and final paint adhesion. ASTM 653 grade CS is an annealed cold rolled product equivalent to the chemical, physical and mechanical properties of ASTM A1008.
2. Frames shall be 16 gauge with optional 14 or 18 gauge as required and have integral stops, mitered trim, self-aligning tabs and slots for securely locked corners. All frames shall meet or exceed applicable ANSI 250.8 (*SDI 100*) and NAAMM referenced standards.
3. All finished work shall be strong, rigid and neat in appearance, square, true and free of defects, warp or buckle. Welded frames shall have trim faces mitered, welded and finished smooth.
4. Frames shall be mortised and reinforced for hardware. Drilling and tapping done at the factory for full templated mortised hardware only in accordance with approved hardware schedule and templates provided by the hardware contractor. Minimum hardware reinforcements are:

Hinge reinforcement	- 10 gauge high frequency or as specified
Strike reinforcement	- 14 gauge or as specified
Closer reinforcement	- 14 gauge or as specified
Surface mounted hardware	- 14 gauge or as specified
5. Frames shall be provided with welded-in 16 gauge sill anchor in each jamb. Three anchors (four for 8'-0" jambs) shall also be provided for each jamb. The type of anchor provided is governed by the wall condition specified.
6. All frames shall be provided with dust cover boxes or mortar guards of not less than 24 gauge at all hardware mortises on frames to be set in masonry walls, optional on drywall frames. All strike jambs shall be prepared to receive three rubber silencers.
7. All welded door frames shall be provided with temporary steel spreader bars welded to the bottom of the jambs to serve as bracing during shipping.
8. All frames shall be thoroughly cleaned, phosphatized, and galvanized ready for finish coats of paint. Touchup prime paint shall be applied where welds have occurred or A60 galvanized, fully primed.
9. EightyNineA also offers, on a custom order basis, special material and frame profiles available in 1/8" increments from 3-3/4" to 12-3/4".
10. Frames shall be received by the customer or at the jobsite and handled and stored in a manner so as not to be damaged. They shall be stored upright in a protected area on wood runners or skids and shall be covered with vented tarpaulins or vented plastic.
11. Frames can be fire rated using time designated Intertek (WHI) fire labels.

EightynineA is a Member of HMMA – Hollow Metal Manufacturers Association a division of the NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURES - NAAMM

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TECHNICA DATA

GALVANNEALED STEEL

EightynineA's Galvannealed Frame and Door Advantage

Most architects, general contractors and distributors all agree that cold rolled prime painted steel doors and frames will rust and in many cases, it's right after the manufactures warranty has expired. Using steel doors and frames made with Galvannealed steel (ASTM A653 CS TYPE B) will eliminate this problem.

Galvannealed steel doors and frames have been in existence for well over 50 years. When used in corrosive environments, rust perforation concerns are virtually non-existent, even long after the warranty has expired.

EightynineA includes galvannealed steel on all of its steel doors and frames at no extra charge. Galvannealed steel is produced using a continuous hot-dipped galvanizing process. When the steel emerges from the molten zinc bath, all excess zinc is removed from the surface using a heat treating process. After this process the steel continues through an annealing furnace converting the zinc into a zinc-iron alloy coating resulting in galvannealed steel.

EightynineA galvannealed steel products are spangle free, dull in appearance and offer exceptional protection to corrosion on both inside and outside of all frames and doors. An additional benefit in using this material is at time of painting, no priming is necessary. This eliminates the sometimes costly problem of having primer reacting with an incompatible finish paint.

For galvanneal doors and frames, cleaning is a simple matter of wiping down the surface to be painted with a cleaner compatible with the finish paint. If latex or alkyd paints are specified, then detergent and clean water will do the job. For some of the more exotic finishes such as epoxies and the like, the paint manufacturer will recommend appropriate materials. The zinc-iron coating will not wash off.

Prime painting prior to finish coats of paint is not mandatory. Most prime paint manufactures set a time limit on how long the primer can be exposed prior to the first finish coat of paint being applied. Prime paint is designed to absorb/bond to the next coat of paint. Unfortunately it will also absorb moisture and begin to deteriorate if not covered up in a timely fashion. Galvannealed steel does not have this problem.

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EIGHTYNINEA

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TEMPE, AZ 85283
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Phone: (480) 838-1620 Fax: (480) 838-1618

HARDWARE SCHEDULE

PROJECT

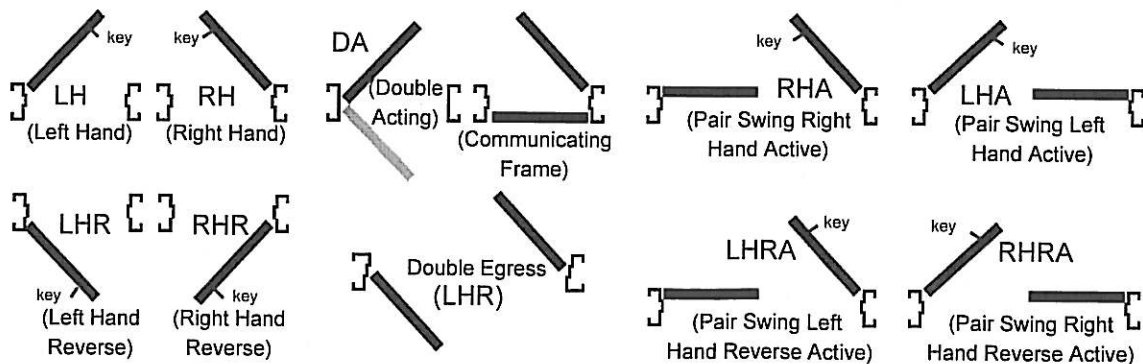
CARE FOR THE YOUNG AT HEART FACILITY
DON'T GET LOST DRIVE
SOMEWHERE, AZ 85???

ARCHITECT

MINDFUL ARCHITECTS

CUSTOMER

OPENINGS GALORE
246810 CONSTRUCTION AVENUE
BUILDRITE, ARIZONA 85282-4176
Phone: (999) 555-1212 Fax: (999) 555-1213



SHOP DRAWING LINE #, ARCHITECT OPENING # & HARDWARE GROUP CORRELATION
EightyNineA JOB #7777

Line Number	Arch. Mark	HDW. GRP.	S/P	Hand	Fire Rating	Line Number	Arch. Mark	HDW. GRP.	S/P	Hand	Fire Rating
1	003A	10	S	LHR	20	46	333	8	S	LHR	
2	003B	10	S	RHR	20	47	334	7	S	RH	
3	004	5	P	RHRA		48	338	6C	S	LH	
4	005A	6D	S	RH	20	50	421A	4	P	LHR D.E.	20
5	005B	6A	S	RH		51	433	8	S	RHR	
7	006A	6E	S	LH	20	52	434	7	S	LH	
9	006B	6	S	LH		53	438	6C	S	RH	
10	007	6	S	LH		57	E101	1	S	LHR	
12	008B	6	S	RH		58	E102	2	S	RHR	
13	009	6A	S	RH		60	E104	14	P	RHRA	
14	010	6A	S	RH		61	E105	2	S	RHR	
15	011A	13	S	RH		62	E106	2	S	LHR	
16	011B	13	S	LH		63	E107	9A	S	LHR	
17	011C	6B	S	RH	20	64	E108	9	S	LHR	
18	011D	7B	S	LHR		65	E109	9	S	RHR	
19	013	8	S	LHR	20	66	E110	9A	S	RHR	
20	014	6B	S	LH		67	E111	9	S	LHR	
21	015	6B	S	LH		68	E112	9	S	RHR	
22	016	7D	S	RH	20	69	E113	3	S	LHR	
23	018	11	S	LH	20	70	E114	3	S	RHR	
24	019	6B	S	LHR		71	E115	3	S	LHR	
25	020A	10	S	RHR	20	72	E116	3	S	RHR	
26	020B	10	S	LHR	20	73	E117	7A	S	RHR	
27	021A	4	P	LHR D.E.	20	74	E118	12	S	RH	
28	022A	4	P	LHR D.E.	20	75	E118	12	S	LH	
29	025A	6	S	LH		76	E118	12	S	RH	
30	026A	6	S	RH		77	E118	12	S	LH	
31	026B	15	P	BP							
32	027A	6	S	LH							
33	027B	15	P	BP							
34	028	6	S	RH							
35	029	7C	S	LHR							
36	030	7C	S	RHR							
37	121A	4	P	RHR D.E.	20						
38	133	8	S	LHR							
39	134	7	S	RH							
40	138	6C	S	LH							
42	233	8	S	RHR							
43	234	7	S	LH							
44	238	7	S	RH							
45	239	6C	S	RH							

EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 1

PLAN HDW SET 1

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	E101	EXTERIOR FROM LOBBY	90	LHR	TBA
1 SGL 42" x 80" x 1.75" HMF x HMD					
QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB168 4.5" X 4.5" NRP	652	ST	A8111
1 EA	ELEC STRIKE	4800 24 VDC	630	TR	
1 EA	MORTISE CYLINDER	1E74-C4-R710 "CORMAX"	626	BL	
1 EA	RIM CYLINDER	1E72-S2-RP3 "CORMAX"	626	BL	
1 EA	EXIT DEVICE - RIM	QED112 48" (CD)	626	STCH	
1 EA	EXIT TRIM	QET170 (NL) E "LESS CYLINDER"	626	STCH	09
1 EA	AUTO OPERATOR	D4990-PUSH	689	RY	A156.4 -
2 EA	WALL SWITCH PLATES	K WITH LOGO "PUSH TO OPEN"	620	BEA	
1 EA	FLOOR STOPS	3001	BLACK	ST	
1 EA	KICK PLATE	#90 10" X 40" - .050 B4E	630	DJ	J102
1 EA	SWEEP	315CN X 42"	628	PE	
1 SET	WEATHER STRIP	303AV 42" X 84"	628	PE	
1 EA	THRESHOLD	272A-42	628	PE	

ENSURE THAT THE CASCADE OPERATION OF THE ELECTRIC STRIKE AND AUTO OPERATOR ARE SET PROPERLY.

HDW HEADING 2

PLAN HDW SET 2

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	E102	EXTERIOR FROM DINING	90	RHR	TBA
1 SGL	E105	EXTERIOR FROM DINING	90	RHR	TBA
1 SGL	E106	EXTERIOR FROM DINING	90	LHR	TBA

EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 2

PLAN HDW SET 2

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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3 SGL 36" x 96" x 1.75" HMF x WD

DELAYED EGRESS - ABDUCTION AND UNINTENDED DEPARTURE CONTROL

QTY	EA	DESCRIPTION	MODEL	FINISH	MFG	ANSI
4	EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8112
1	EA	MORTISE CYLINDER	1E74-C4-R710 "CORMAX"	626	BL	
1	EA	RIM CYLINDER	1E72-S2-RP3 "CORMAX"	626	BL	
1	EA	EXIT DEVICE - RIM	QED112 36" (CD)	626	STCH	
1	EA	EXIT TRIM	QET170 (NL) E "LESS CYLINDER"	626	STCH	09
1	EA	CLOSER/STP	QDC113	689	STCH	
1	EA	DOOR HOLDER	1466 4" KICK DOWN HOLDER	AL	DJ	
1	EA	SWEEP	315CN X 36"	628	PE	
1	SET	WEATHER STRIP	303AV 36" X 96"	628	PE	
1	EA	THRESHOLD	272A-36	628	PE	
1	EA	KEYPAD	925	BLK	SDC	
1	EA	KEYPAD	928 INTERIOR	628	SDC	
1	EA	MAGNETIC LOCK	E1200 12/24VDC	628	SDC	
1	EA	POWER SUPPLY	631RF	NA	SDC	
1	EA	TIMER	14-2	NA	SDC	

CORRELATE WITH FIRE ALARM SYSTEM AND CENTRAL ACCESS CONTROL
CONTRACTORS PRIOR TO INSTALLATION.

HDW HEADING 3

PLAN HDW SET 3

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	E113	EXTERIOR FROM COURTYARD A	90	LHR	
1 SGL	E114	EXTERIOR FROM COURTYARD B	90	RHR	
1 SGL	E115	EXTERIOR FROM COURTYARD C	90	LHR	
1 SGL	E116	EXTERIOR FROM COURTYARD D	90	RHR	

EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 3

PLAN HDW SET 3

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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4 SGL 42" x 82" x 1.75" HMF x HMD

ARCHED TOP GATE SYSTEM, NO HEADER

QTY	EA	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3	EA	HINGES	FBB168 4.5" X 4.5" NRP	652	ST	A8111
1	EA	GATE MAGNETIC LOCK	1576U X 1576-ZB	628	SDC	
1	EA	DOOR PULL	19 8" CTC BTD	630	DJ	J401
3	EA	DOOR SILENCERS	1608	GRAY	DJ	L03011
2	EA	KEYPAD	925	BLK	SDC	
1	EA	POWER SUPPLY	631RF	NA	SDC	

CORRELATE WITH CENTRAL ACCESS CONTROL CONTRACTORS PRIOR TO INSTALLATION.

HDW HEADING 4

PLAN HDW SET 4

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 PR	021A	CORR FROM CORR	90/90	LHR D.E.	
1 PR	022A	CORR FROM CORR	90/90	LHR D.E.	
1 PR	121A	CORR FROM CORR	90/90	RHR D.E.	
1 PR	421A	CORR FROM CORR	90/90	LHR D.E.	

4 PR 2-36" x 84" x 1.75" HMF x HMD x 20 min.

QTY	EA	DESCRIPTION	MODEL	FINISH	MFG	ANSI
6	EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
2	EA	EXIT DEVICE - CVR	QED129 36" X 84" LBR (FIRE	626	STCH	
2	EA	CLOSER/STP	QDC113	689	STCH	
2	EA	ASTRAGAL	357SP-84 X S88D-17	600	PE	
2	EA	AUTO DOOR BOTTOM	420SL-36	628	PE	
1	ROLL	SMOKE SEAL	S88D-20	DUR	PE	
2	EA	MAG HOLDER	2101 24VDC	689	AB	

HDW HEADING 5

PLAN HDW SET 5

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 5

PLAN HDW SET 5

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 PR	004	LOBBY FROM CONFR	90/90	RHRA	
1 PR 2-36" x 84" x 1.75" HMF x WD					

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
6 EA	HINGES	FBB179 4.5" X 4.5"	652	ST	A8112
1 EA	PASSAGE LOCK	9K30N15D S3	626	BL	F75
1 EA	DUMMY TRIM	9K01DT 15D	626	BL	
2 EA	FLUSH BOLTS	1557	626	DJ	L04261
2 EA	CLOSER	QDC211 F SN	689	STCH	
2 EA	FLOOR STOP	1442	626	DJ	L12161
1 EA	ASTRAGAL	355CS-84	628	PE	
2 EA	DOOR SILENCERS	1608	GRAY	DJ	L03011

HDW HEADING 6

PLAN HDW SET 6

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	006B	CORR TO WORK	90	LH	TBA
1 SGL	007	CORR TO CARE MGR	90	LH	TBA
1 SGL	025A	CORR TO OFFICE	90	LH	TBA
1 SGL	026A	CORR TO OFFICE	90	RH	TBA
1 SGL	027A	CORR TO DAY ROOM	90	LH	TBA
1 SGL	028	CORR TO DAY ROOM	90	RH	TBA

6 SGL 36" x 84" x 1.75" PFHMF x WD

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	KEYPAD LOCK	9KZ37DV 15KP S3 "CORMAX"	626	BL	
1 EA	CLOSER	QDC211 F SN	689	STCH	
1 EA	FLOOR STOP	1442	626	DJ	L12161
1 ROLL	SMOKE SEAL	S88D-17	DUR	PE	
1 SGL	008B	CORR TO OFFICE	90	RH	TBA

EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 6

PLAN HDW SET 6

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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1 SGL 42" x 84" x 1.75" PFHMF x WD

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	KEYPAD LOCK	9KZ37DV 15KP S3 "CORMAX"	626	BL	
1 EA	CLOSER	QDC211 F SN	689	STCH	
1 EA	FLOOR STOP	1442	626	DJ	L12161
1 ROLL	SMOKE SEAL	S88D-17	DUR	PE	

HDW HEADING 6A

PLAN HDW SET 6

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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1 SGL	005B	CORR TO DIRECTOR	90	RH	TBA
1 SGL	009	CORR TO BATHER	90	RH	TBA
1 SGL	010	CORR TO SALON	90	RH	TBA

3 SGL 36" x 84" x 1.75" PFHMF x WD

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	CLASSROOM LOCK	9K37R15D S3 "CORMAX"	626	BL	F84
1 EA	CLOSER	QDC211 F SN	689	STCH	
1 EA	FLOOR STOP	1442	626	DJ	L12161
1 ROLL	SMOKE SEAL	S88D-17	DUR	PE	

HDW HEADING 6B

PLAN HDW SET 6

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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1 SGL	011C	CORR TO KITCHEN	90	RH	TBA
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EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 6B

PLAN HDW SET 6

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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1 SGL 42" x 84" x 1.75" HMF x HMD x 20 min.

QTY	EA	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3	EA	HINGES	FBB168 4.5" X 4.5" NRP	652	ST	A8111
1	EA	KEYPAD LOCK	9KZ37DV 15KP S3 "CORMAX"	626	BL	
1	EA	CLOSER/STP	QDC113	689	STCH	
1	EA	FLOOR STOP	1442	626	DJ	L12161
1	EA	KICK PLATE	#90 8" X 40" - .050	630	DJ	J102
1	ROLL	SMOKE SEAL	S88D-18	DUR	PE	

1 SGL	014	CORR TO SOILED	90	LH	TBA
1 SGL	015	CORR TO LAUNDRY	90	LH	TBA
1 SGL	019	CORR FROM ELEC	90	LHR	TBA

3 SGL 42" x 84" x 1.75" HMF x HMD

QTY	EA	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3	EA	HINGES	FBB168 4.5" X 4.5" NRP	652	ST	A8111
1	EA	KEYPAD LOCK	9KZ37DV 15KP S3 "CORMAX"	626	BL	
1	EA	CLOSER/STP	QDC113	689	STCH	
1	EA	FLOOR STOP	1442	626	DJ	L12161
1	EA	KICK PLATE	#90 8" X 40" - .050	630	DJ	J102
1	ROLL	SMOKE SEAL	S88D-18	DUR	PE	

HDW HEADING 6C

PLAN HDW SET 6

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	138	CORR TO STOR	90	LH	TBA
1 SGL	239	CORR TO MEDS	90	RH	TBA
1 SGL	338	CORR TO STOR	90	LH	TBA
1 SGL	438	CORR TO STOR	90	RH	TBA

EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 6C

PLAN HDW SET 6

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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4 SGL 36" x 80" x 1.75" PFHMF x WD

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	KEYPAD LOCK	9KZ37DV 15KP S3 "CORMAX"	626	BL	
1 EA	CLOSER HO	QDC212	689	STCH	
1 EA	FLOOR STOP	1442	626	DJ	L12161
1 EA	KICK PLATE	#90 8" X 34" - .050 B4E	630	DJ	J102
1 ROLL	SMOKE SEAL	S88D-17	DUR	PE	

HDW HEADING 6D

PLAN HDW SET 6

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	005A	RECEP TO DIRECTOR	90	RH	TBA

1 SGL 36" x 84" x 1.75" PFHMF x WD x 20 min.

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5"	652	ST	A8111
1 EA	ENTRANCE	9K37AB15D S3 "CORMAX"	626	BL	F109
1 EA	CLOSER	QDC211 F SN	689	STCH	
1 EA	FLOOR STOP	1442	626	DJ	L12161
1 ROLL	SMOKE SEAL	S88D-17	DUR	PE	

HDW HEADING 6E

PLAN HDW SET 6

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	006A	SITTING TO WORK	90	LH	TBA

EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 6E

PLAN HDW SET 6

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	36" x 84" x 1.75"	PFHMF x WD x 20 min.			

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	ENTRANCE	9K37AB15D S3 "CORMAX"	626	BL	F109
1 EA	CLOSER/STP	QDC213 F SN	689	STCH	
1 EA	FLOOR STOP	1442	626	DJ	L12161
1 ROLL	SMOKE SEAL	S88D-17	DUR	PE	

HDW HEADING 7

PLAN HDW SET 7

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	134	CORR TO JAN	90	RH	TBA
1 SGL	234	CORR TO JAN	90	LH	TBA
1 SGL	238	CORR TO STOR	90	RH	TBA
1 SGL	334	CORR TO JAN	90	RH	TBA
1 SGL	434	CORR TO JAN	90	LH	TBA

5 SGL 36" x 80" x 1.75" PFHMF x WD

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	STOREROOM LOCK	9K37D15D S3 "CORMAX"	626	BL	F86
1 EA	CLOSER EDA STP	QDC118	689	STCH	
1 EA	FLOOR STOP	1442	626	DJ	L12161
1 EA	KICK PLATE	#90 8" X 34" -.050 B4E	630	DJ	J102
1 ROLL	SMOKE SEAL	S88D-17	DUR	PE	

HDW HEADING 7A

PLAN HDW SET 7

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	E117	EXTERIOR FROM W/H RISER	90	RHR	TBA

EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 7A

PLAN HDW SET 7

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
	1 SGL	36" x 84" x 1.75" HMF x HMD			

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	STOREROOM LOCK	9K37D15D S3 "CORMAX"	626	BL	F86
1 EA	LATCH PROTECTOR	BLP-110	630	DJ	
1 EA	CLOSER	QDC211 F SN	689	STCH	
1 EA	SWEEP	315CN X 36"	628	PE	
1 SET	WEATHER STRIP	303AV 36" X 84"	628	PE	
1 EA	THRESHOLD	272A-36	628	PE	

HDW HEADING 7B

PLAN HDW SET 7

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	011D	KITCHEN FROM JAN	90	LHR	TBA
	1 SGL	24" x 84" x 1.75" PFHMF x HMD			

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	STOREROOM LOCK	9K37D15D S3 "CORMAX"	626	BL	F86
1 EA	FLOOR STOP	1442	626	DJ	L12161
1 EA	KICK PLATE	#90 8" X 22" - .050 B4E	630	DJ	J102
3 EA	DOOR SILENCERS	1608	GRAY	DJ	L03011

HDW HEADING 7C

PLAN HDW SET 7

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	029	CORR FROM LV CLT	90	LHR	TBA
1 SGL	030	CORR FROM LV CLT	90	RHR	TBA

EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 7C

PLAN HDW SET 7

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
2 SGL 36" x 84" x 1.75" PFHMF x WD					

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	STOREROOM LOCK	9K37D15D S3 "CORMAX"	626	BL	F86
1 EA	CLOSER	QDC211 F SN	689	STCH	
1 EA	FLOOR STOP	1442	626	DJ	L12161
1 ROLL	SMOKE SEAL	S88D-17	DUR	PE	

HDW HEADING 7D

PLAN HDW SET 7

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	016	CORR TO STOR	90	RH	TBA
1 SGL 36" x 84" x 1.75" HMF x HMD x 20 min.					

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	STOREROOM LOCK	9K37D15D S3 "CORMAX"	626	BL	F86
1 EA	CLOSER	QDC211 F SN	689	STCH	
1 EA	FLOOR STOP	1442	626	DJ	L12161
1 EA	KICK PLATE	#90 8" X 34" - .050 B4E	630	DJ	J102
1 ROLL	SMOKE SEAL	S88D-17	DUR	PE	

HDW HEADING 8

PLAN HDW SET 8

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	133	CORR FROM UNI TLT	90	LHR	
1 SGL	233	CORR FROM UNI TLT	90	RHR	
1 SGL	333	CORR FROM UNI TLT	90	LHR	
1 SGL	433	CORR FROM UNI TLT	90	RHR	

EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 8

PLAN HDW SET 8

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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4 SGL 36" x 80" x 1.75" PFHMF x WD

QTY	EA	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3	EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1	EA	INDICATOR	QDB285	626	STCH	
1	EA	PASSAGE LOCK	9K30N15D S3	626	BL	F75
1	EA	CLOSER	QDC211 F SN	689	STCH	
1	EA	WALL STOP	1406	630	DJ	L22101,
1	ROLL	SMOKE SEAL	S88D-17	DUR	PE	

1 SGL	013	CORR FROM TOILET	90	LHR	
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1 SGL 36" x 84" x 1.75" PFHMF x WD x 20 min.

QTY	EA	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3	EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1	EA	INDICATOR	QDB285	626	STCH	
1	EA	PASSAGE LOCK	9K30N15D S3	626	BL	F75
1	EA	CLOSER	QDC211 F SN	689	STCH	
1	EA	WALL STOP	1406	630	DJ	L22101,
1	ROLL	SMOKE SEAL	S88D-17	DUR	PE	

HDW HEADING 9

PLAN HDW SET 9

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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1 SGL	E108	EXT COURT YARD FROM CORR	90	LHR	TBA
1 SGL	E109	EXT COURT YARD FROM CORR	90	RHR	TBA
1 SGL	E111	EXT COURT YARD FROM DINING	90	LHR	TBA
1 SGL	E112	EXT COURT YARD FROM DINING	90	RHR	TBA

EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 9

PLAN HDW SET 9

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
4 SGL 36" x 84" x 1.75" HMF x WD					

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	MORTISE CYLINDER	1E74-C4-R710 "CORMAX"	626	BL	
1 EA	EXIT DEVICE - RIM	QED112 36" (CD)	626	STCH	
1 EA	EXIT TRIM	QET160 (KL) E "LESS CYLINDER"	626	STCH	08
1 EA	CLOSER/STP	QDC213 F SN	689	STCH	
1 EA	KICK PLATE	#90 8" X 34" - .050 B4E	630	DJ	J102
1 EA	SWEEP	315CN X 36"	628	PE	
1 SET	WEATHER STRIP	303AV 36" X 84"	628	PE	
1 EA	THRESHOLD	272A-36	628	PE	

HDW HEADING 9A

PLAN HDW SET 9

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	E107	EXT COURT YARD FROM CORR	90	LHR	TBA
1 SGL	E110	EXT COURT YARD FROM CORR	90	RHR	TBA
2 SGL 36" x 96" x 1.75" HMF x WD					

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
4 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	MORTISE CYLINDER	1E74-C4-R710 "CORMAX"	626	BL	
1 EA	EXIT DEVICE - RIM	QED111 36"	626	STCH	
1 EA	EXIT TRIM	QET160 (KL) E "LESS CYLINDER"	626	STCH	08
1 EA	CLOSER EDA STP	QDC118	689	STCH	
1 EA	KICK PLATE	#90 8" X 34" - .050 B4E	630	DJ	J102
1 EA	SWEEP	315CN X 36"	628	PE	
1 SET	WEATHER STRIP	303AV 36" X 96"	628	PE	
1 EA	THRESHOLD	272A-36	628	PE	

HDW HEADING 10

PLAN HDW SET 10

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 10

PLAN HDW SET 10

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	003A	RECEP FROM POD A	90	LHR	TBA
1 SGL	003B	RECEP FROM POD D	90	RHR	TBA
1 SGL	020A	CORR FROM CORR	90	RHR	TBA
1 SGL	020B	CORR FROM POD C	90	LHR	TBA

4 SGL 42" x 84" x 1.75" HMF x WD x 20 min.

DELAYED EGRESS - ABDUCTION AND UNINTENDED DEPARTURE CONTROL

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	MORTISE CYLINDER	1E74-C4-R710 "CORMAX"	626	BL	
1 EA	EXIT DEVICE - RIM	QED113 48" (FIRE RATED)	626	STCH	
1 EA	EXIT TRIM	QET160 (KL) E "LESS CYLINDER"	626	STCH	08
1 EA	CLOSER EDA STP	QDC118	689	STCH	
1 EA	WALL STOP	1406	630	DJ	L22101,
1 ROLL	SMOKE SEAL	S88D-18	DUR	PE	
2 EA	KEYPAD	928 INTERIOR	628	SDC	
1 EA	MAGNETIC LOCK	E1200 12/24VDC	628	SDC	
1 EA	POWER SUPPLY	631RF	NA	SDC	

CORRELATE WITH FIRE ALARM SYSTEM AND CENTRAL ACCESS CONTROL
CONTRACTORS PRIOR TO INSTALLATION.

HDW HEADING 11

PLAN HDW SET 11

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	018	CORR TO STAFF	90	LH	

1 SGL 36" x 84" x 1.75" HMF x HMD x 20 min.

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBB179 4.5" X 4.5"	652	ST	A8111
1 EA	PASSAGE LOCK	9K30N15D S3	626	BL	F75
1 EA	CLOSER	QDC211 F SN	689	STCH	
1 EA	FLOOR STOP	1442	626	DJ	L12161
1 ROLL	SMOKE SEAL	S88D-17	DUR	PE	

EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 12

PLAN HDW SET 12

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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HDW HEADING 12

PLAN HDW SET 12

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	E118	ATTIC TO EXTERIOR	90	RH	
1 SGL	E118	ATTIC TO EXTERIOR	90	LH	
1 SGL	E118	ATTIC TO EXTERIOR	90	RH	
1 SGL	E118	ATTIC TO EXTERIOR	90	LH	

4 SGL 24" x 48" x 1.75" HMF x HMD

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
2 EA	HINGES	FBF179 4.5" X 4.5"	652	ST	A8111
1 EA	PASSAGE LOCK	9K30N15D S3	626	BL	F75
1 EA	CHAIN STOP	HDCS	626	CR	
1 ROLL	SMOKE SEAL	S88D-20	DUR	PE	

HDW HEADING 13

PLAN HDW SET 13

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 SGL	011A	CORR TO KITCHEN	90	RH	TBA
1 SGL	011B	CORR TO KITCHEN	90	LH	TBA

2 SGL 36" x 84" x 1.75" HMF x HMD

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
3 EA	HINGES	FBF179 4.5" X 4.5" NRP	652	ST	A8111
1 EA	KEYPAD LOCK	9KZ37DV 15KP S3 "CORMAX"	626	BL	
1 EA	CLOSER	QDC211 F SN	689	STCH	
1 EA	FLOOR STOP	1442	626	DJ	L12161
1 EA	ARMOR PLATE	#90 34" X 34" - .050	630	DJ	J101
1 ROLL	SMOKE SEAL	S88D-17	DUR	PE	

HDW HEADING 14

PLAN HDW SET 14

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
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EIGHTYNINEA
HARDWARE HEADINGS FOR
JOB #7777 - CARE FOR THE YOUNG AT HEART FACILITY

HDW HEADING 14

PLAN HDW SET 14

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 PR	E104	EXTERIOR FROM CORR	90/90	RHRA	TBA

1 PR 2-36" x 96" x 1.75" HMF x HMD

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
8 EA	HINGES	FBB168 4.5" X 4.5" NRP	652	ST	A8111
1 EA	MORTISE CYLINDER	1E74-C4-R710 "CORMAX"	626	BL	
2 EA	EXIT DEVICE - CVR	QED128 36" X 96" LBR (CD)	626	STCH	
1 EA	EXIT TRIM	QET160 (KL) E "LESS CYLINDER"	626	STCH	08
2 EA	CLOSER EDA STP	QDC118	689	STCH	
2 EA	FLOOR STOPS	3001	BLACK	ST	
2 EA	ARMOR PLATE	#90 34" X 34" - .050	630	DJ	J101
2 EA	SWEEP	315CN X 36"	628	PE	
1 SET	MEETING STILE	18041CNB 2 @ 96"	628	PE	
1 SET	WEATHER STRIP	303AV 72" X 96"	628	PE	
1 EA	THRESHOLD	272A-72	628	PE	
1 EA	ELEC STRIKE	310-4	630	FA	
1 EA	KEYPAD	925	BLK	SDC	
1 EA	POWER SUPPLY	631RF	NA	SDC	

HDW HEADING 15

PLAN HDW SET 15

QTY	IDENTIFICATION	LOCATION	DEG.	SWING	KEYING
1 PR	026B	FROM OFFICE TO CLOSET		BP	
1 PR	027B	FROM DAY ROOM TO CLOSET		BP	

2 PR 2-30" x 84" x 1.75" PFHMF x WD

QTY	DESCRIPTION	MODEL	FINISH	MFG	ANSI
1 SET	BY PASS HDWE	BPC150N-00-72	628	ST	
2 EA	FLUSH PULLS	BP250	626	ST	

ARCHITECT OPENING, DOOR/FRAME MATERIAL, SIZE, HARDWARE GROUP & KEYING CORRELATION
EightyNineA JOB #7777

Line Number	Arch. Mark	Material Fr x Dr	Location	Width	Height	Hdw Set	Hdw. Group	S/P	Hand	Fire Rating	Lock Function	Keying
57	E101	HM X HM	EXTERIOR FROM LOBBY	42"	80"	1	1	S	LHR			TBA
58	E102	HM X WD	EXTERIOR FROM DINING	36"	96"	2	2	S	RHR			TBA
61	E105	HM X WD	EXTERIOR FROM DINING	36"	96"	2	2	S	RHR			TBA
62	E106	HM X WD	EXTERIOR FROM DINING	36"	96"	2	2	S	LHR			TBA
69	E113	HM X HM	EXTERIOR FROM COURTYARD A	42"	82"	3	3	S	LHR			
70	E114	HM X HM	EXTERIOR FROM COURTYARD B	42"	82"	3	3	S	RHR			
71	E115	HM X HM	EXTERIOR FROM COURTYARD C	42"	82"	3	3	S	LHR			
72	E116	HM X HM	EXTERIOR FROM COURTYARD D	42"	82"	3	3	S	RHR			
27	021A	HM X HM	CORR FROM CORR	2-36"	84"	4	4	P	LHR D.E.	20		
28	022A	HM X HM	CORR FROM CORR	2-36"	84"	4	4	P	LHR D.E.	20		
37	121A	HM X HM	CORR FROM CORR	2-36"	84"	4	4	P	RHR D.E.	20		
50	421A	HM X HM	CORR FROM CORR	2-36"	84"	4	4	P	LHR D.E.	20		
3	004	HM X WD	LOBBY FROM CONFR	2-36"	84"	5	5	P	RHRA			
9	006B	PFHM X WD	CORR TO WORK	36"	84"	6	6	S	LH			TBA
10	007	PFHM X WD	CORR TO CARE MGR	36"	84"	6	6	S	LH			TBA
12	008B	PFHM X WD	CORR TO OFFICE	42"	84"	6	6	S	RH			TBA
29	025A	PFHM X WD	CORR TO OFFICE	36"	84"	6	6	S	LH			TBA
30	026A	PFHM X WD	CORR TO OFFICE	36"	84"	6	6	S	RH			TBA
32	027A	PFHM X WD	CORR TO DAY ROOM	36"	84"	6	6	S	LH			TBA

ARCHITECT OPENING, DOOR/FRAME MATERIAL, SIZE, HARDWARE GROUP & KEYING CORRELATION
EightyNineA JOB #7777

Line Number	Arch. Mark	Material Fr x Dr	Location	Width	Height	Hdw Set	Hdw. Group	S/P	Hand	Fire Rating	Lock Function	Keying
34	028	PFHM X WD	CORR TO DAY ROOM	36"	84"	6	6	S	RH			TBA
5	005B	PFHM X WD	CORR TO DIRECTOR	36"	84"	6	6A	S	RH			TBA
13	009	PFHM X WD	CORR TO BATHER	36"	84"	6	6A	S	RH			TBA
14	010	PFHM X WD	CORR TO SALON	36"	84"	6	6A	S	RH			TBA
17	011C	HM X HM	CORR TO KITCHEN	42"	84"	6	6B	S	RH	20		TBA
20	014	HM X HM	CORR TO SOILED	42"	84"	6	6B	S	LH			TBA
21	015	HM X HM	CORR TO LAUNDRY	42"	84"	6	6B	S	LH			TBA
24	019	HM X HM	CORR FROM ELEC	42"	84"	6	6B	S	LHR			TBA
40	138	PFHM X WD	CORR TO STOR	36"	80"	6	6C	S	LH			TBA
45	239	PFHM X WD	CORR TO MEDS	36"	80"	6	6C	S	RH			TBA
48	338	PFHM X WD	CORR TO STOR	36"	80"	6	6C	S	LH			TBA
53	438	PFHM X WD	CORR TO STOR	36"	80"	6	6C	S	RH			TBA
4	005A	PFHM X WD	RECEP TO DIRECTOR	36"	84"	6	6D	S	RH	20		TBA
7	006A	PFHM X WD	SITTING TO WORK	36"	84"	6	6E	S	LH	20		TBA
39	134	PFHM X WD	CORR TO JAN	36"	80"	7	7	S	RH			TBA
43	234	PFHM X WD	CORR TO JAN	36"	80"	7	7	S	LH			TBA
44	238	PFHM X WD	CORR TO STOR	36"	80"	7	7	S	RH			TBA
47	334	PFHM X WD	CORR TO JAN	36"	80"	7	7	S	RH			TBA
52	434	PFHM X WD	CORR TO JAN	36"	80"	7	7	S	LH			TBA

ARCHITECT OPENING, DOOR/FRAME MATERIAL, SIZE, HARDWARE GROUP & KEYING CORRELATION
EightyNineA JOB #7777

Line Number	Arch. Mark	Material Fr x Dr	Location	Width	Height	Hdw Set	Hdw. Group	S/P	Hand	Fire Rating	Lock Function	Keying
73	E117	HM X HM	EXTERIOR FROM W/H RISER	36"	84"	7	7A	S	RHR			TBA
18	011D	PFHM X HM	KITCHEN FROM JAN	24"	84"	7	7B	S	LHR			TBA
35	029	PFHM X WD	CORR FROM LV CLT	36"	84"	7	7C	S	LHR			TBA
36	030	PFHM X WD	CORR FROM LV CLT	36"	84"	7	7C	S	RHR			TBA
22	016	HM X HM	CORR TO STOR	36"	84"	7	7D	S	RH	20		TBA
19	013	PFHM X WD	CORR FROM TOILET	36"	84"	8	8	S	LHR	20		
38	133	PFHM X WD	CORR FROM UNI TLT	36"	80"	8	8	S	LHR			
42	233	PFHM X WD	CORR FROM UNI TLT	36"	80"	8	8	S	RHR			
46	333	PFHM X WD	CORR FROM UNI TLT	36"	80"	8	8	S	LHR			
51	433	PFHM X WD	CORR FROM UNI TLT	36"	80"	8	8	S	RHR			
64	E108	HM X WD	EXT COURT YARD FROM CORR	36"	84"	9	9	S	LHR			TBA
65	E109	HM X WD	EXT COURT YARD FROM CORR	36"	84"	9	9	S	RHR			TBA
67	E111	HM X WD	EXT COURT YARD FROM DINING	36"	84"	9	9	S	LHR			TBA
68	E112	HM X WD	EXT COURT YARD FROM DINING	36"	84"	9	9	S	RHR			TBA
63	E107	HM X WD	EXT COURT YARD FROM CORR	36"	96"	9	9A	S	LHR			TBA
66	E110	HM X WD	EXT COURT YARD FROM CORR	36"	96"	9	9A	S	RHR			TBA
1	003A	HM X WD	RECEP FROM POD A	42"	84"	10	10	S	LHR	20		TBA
2	003B	HM X WD	RECEP FROM POD D	42"	84"	10	10	S	RHR	20		TBA
25	020A	HM X WD	CORR FROM CORR	42"	84"	10	10	S	RHR	20		TBA

ARCHITECT OPENING, DOOR/FRAME MATERIAL, SIZE, HARDWARE GROUP & KEYING CORRELATION
EightyNineA JOB #7777

Line Number	Arch. Mark	Material Fr x Dr	Location	Width	Height	Hdw Set	Hdw. Group	S/P	Hand	Fire Rating	Lock Function	Keying
26	020B	HM X WD	CORR FROM POD C	42"	84"	10	10	S	LHR	20		TBA
23	018	HM X HM	CORR TO STAFF	36"	84"	11	11	S	LH	20		
74	E118	HM X HM	ATTIC TO EXTERIOR	24"	48"	12	12	S	RH			
75	E118	HM X HM	ATTIC TO EXTERIOR	24"	48"	12	12	S	LH			
76	E118	HM X HM	ATTIC TO EXTERIOR	24"	48"	12	12	S	RH			
77	E118	HM X HM	ATTIC TO EXTERIOR	24"	48"	12	12	S	LH			
15	011A	HM X HM	CORR TO KITCHEN	36"	84"	13	13	S	RH			TBA
16	011B	HM X HM	CORR TO KITCHEN	36"	84"	13	13	S	LH			TBA
60	E104	HM X HM	EXTERIOR FROM CORR	2-36"	96"	14	14	P	RHRA			TBA
31	026B	PFHM X WD	FROM OFFICE TO CLOSET	2-30"	84"	15	15	P	BP			
33	027B	PFHM X WD	FROM DAY ROOM TO CLOSET	2-30"	84"	15	15	P	BP			