

**Basketball/Volleyball Practice Facility**  
Addition to Coors Event Center  
University of Colorado  
Boulder, CO  
University Project No.: PR002927

SCD PROJECT # 0906

**OWNER**

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**ADDENDUM #4**

March 15, 2010

This Addendum becomes part of the contract documents and shall be acknowledged by the Contractor. All parts of the contract documents dated February 15, 2010, as amended by Addendum #1, #2 and #3 shall remain in force except as modified by this addendum.

**CLAY TILE ROOFING:**

**1. Re: 06160 - Roof Sheathing:**

Regarding the roof sheathing below the Clay Tile Roofing, ADD a layer of plywood as described below:  
REVISE part 2.5 as follows:

A. Sloped Roofs for Clay Tile Roofing:

1. One layer of ½ glass matt panel, Den Deck gold or equal.
2. One layer of 5/8" fire rated gypsum board.
3. One layer of ½" exterior grade plywood, installed above items 1 and 2.

**REVISIONS TO PROJECT MANUAL:**

**1. 08710 – Door Hardware**

ADD the following hardware groups:

**ESDI-E** \_\_\_\_\_ (Single door – interior entrance function - card reader)

EACH DOOR TO HAVE:

3 EA.	FBB 179NRP	(ST)	HINGE
1 EA.	390 Series	Locknetics	LOCKSET
1 EA.	4040 PAR	(LCN)	CLOSER
1 EA.	.050 6" x 2" LDW	(TRI)	KICK PLATE
1 EA.	W1276CCS	(TRI)	WALL STOP
1 EA	CCure 800	(SM)	Sensormatic Card Reader
1 EA	CCure 800	(SM)	Sensormatic Status Monitor

**EDDI-PAN** \_\_\_\_\_ (Double door – interior panic function – card reader)

EACH PAIR TO HAVE:

6 EA.	FBB 179NRP	(ST)	HINGE
2 EA	EPT-10	(VD)	POWER TRANSFER
2 EA	HD-ELLXRX35A-NL-OP	(VD)	PANIC HARDWARE
2 EA	20-057 ICX	(SC)	RIM CYLINDER
2 EA	8190-2-O	(IVE)	OFFSET DOOR PULL
2 EA	100S	(GJ)	OVERHEAD STOP
1 SET	FRAME MANUFACTURERS STANDARD WEATHERSTRIP		
1 EA	CCure 800	(SM)	Sensormatic Card Reader
2 EA	CCure 800	(SM)	Sensormatic Status Monitor

**SDE-FR-E** (Single rated door – exterior entrance function)

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EACH DOOR TO HAVE:

3 EA.	FBB 179NRP	(ST)	HINGE
1 EA.	L9000	(SC)	LOCKSET
1 EA.	4040 PAR	(LCN)	CLOSER
1 EA.	.050 6" x 2" LDW	(TRI)	KICK PLATE
1 EA.	W1276CCS	(TRI)	WALL STOP
1 EA.	425	(NGP)	THRESHOLD
1 EA.	2525 HEAD AND JAMB	(NGP)	SMOKE SEAL
1 EA.	600A	(NGP)	SWEEP

2. **08710 – Door Hardware**

REPLACE the following hardware groups with the revised groups as shown below:

**EDDE-AUTO** (Double door – exterior automatic entry)

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EACH PAIR TO HAVE:

6 EA.	FBB 179NRP	(ST)	HINGE
2 EA	EPT-10	(VD)	POWER TRANSFER
2 EA	HD-ELLXRX35A-NL-OP	(VD)	PANIC HARDWARE
2 EA	20-057 ICX	(SC)	RIM CYLINDER
2 EA	8190-2-O	(IVE)	OFFSET DOOR PULL
2 EA	4822 X 4820-18G	(LCN)	AUTOMATIC OPERATOR
2 EA	100S	(GJ)	OVERHEAD STOP
1 SET	FRAME MANUFACTURERS STANDARD WEATHERSTRIP		
2 EA	345ANB	(PE)	DOOR SWEEP
1 EA	272A (OR AS DETAILED)	(PE)	THRESHOLD
150 FT	7910-925	(LCN)	TUBING
2 EA	7910-956 630	(LCN)	WALL PLATE SWITCH
2 EA	7910-972-4	(LCN)	ESCUTCHEON
1 EA	ES7982S	(LCN)	CONTROL BOX
1 EA	PS873-4TD	(VD)	POWER SUPPLY
1 EA	CCure 800	(SM)	Sensormatic Card Reader
1 EA	CCure 800	(SM)	Sensormatic Status Monitor

Notes: 1. Door Day Time Mode - exit device at exterior door shall be manually "dogged". Pressing the exterior actuator opens the exterior door and after a short delay, the interior door. When the system times out, first the exterior door closes then the interior door closes. Pressing the interior actuator at the interior door reverses the process to exit the building. This allows passage thru the vestibule without both doors open for the entire cycle. If a person stops in the vestibule and the system times, pressing either vestibule actuator opens the appropriate door.

2. Night Time Mode - exit device is locked. Manual key pad shall retract latch bolt of exit device at the exterior, latch bolt shall remain unlatched for 10 seconds allowing exterior actuator to be pressed to open the exterior and after a short delay, the interior door. When the system times out, first the exterior door closes then the interior door closes. Pressing the interior actuator at door the interior door reverses the process to exit the building. If a person stops in the vestibule and the system times, pressing either vestibule actuator opens the appropriate door. The

latch bolt position switch in exit device of the exterior shall deactivate exterior actuator when exit device latch bolt is extended.

**ESDE-E** (Single door – exterior entrance function - card reader)

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EACH DOOR TO HAVE:

3 EA.	FBB 179NRP	(ST)	HINGE
1 EA.	390 Series		Locknetics LOCKSET
1 EA.	4040 PAR	(LCN)	CLOSER
1 EA.	.050 6" x 2" LDW	(TRI)	KICK PLATE
1 EA.	W1276CCS	(TRI)	WALL STOP
1 EA.	425	(NGP)	THRESHOLD
1 SET	135NA HEAD AND JAMB	(NGP)	WEATHERSTRIP
1 EA	101VA	(NGP)	DOOR BOTTOM
1 EA	CCure 800	(SM)	Sensormatic Card Reader
1 EA	CCure 800	(SM)	Sensormatic Status Monitor

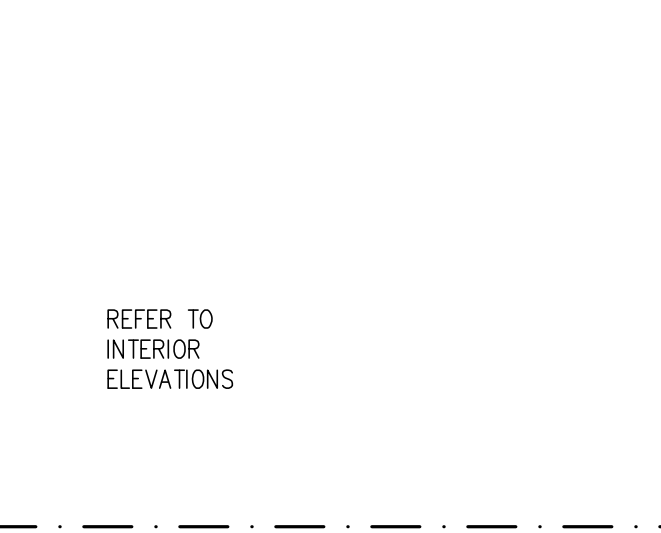
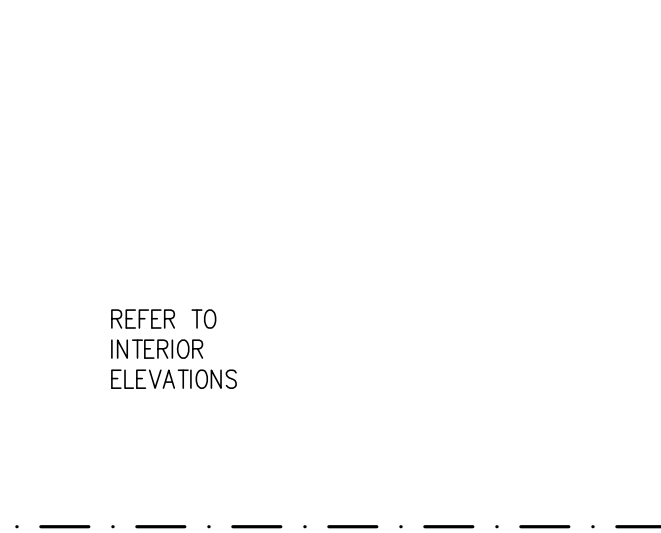
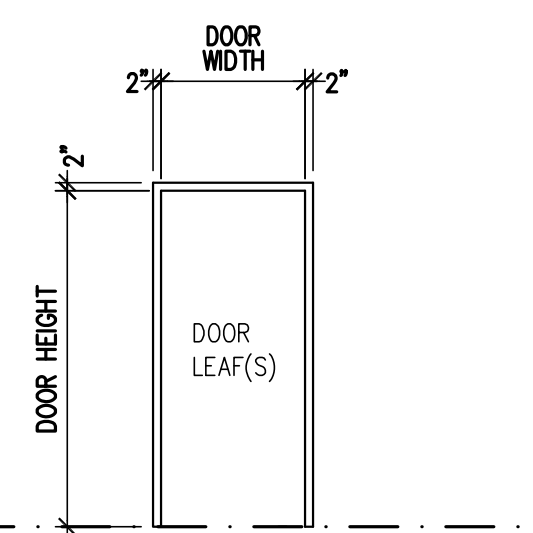
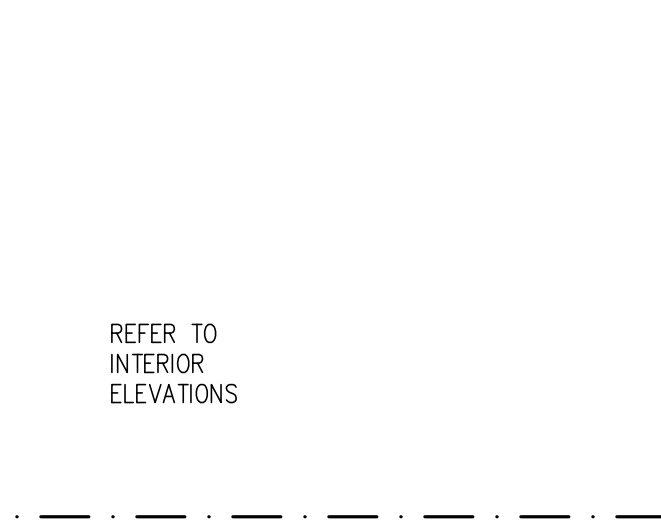
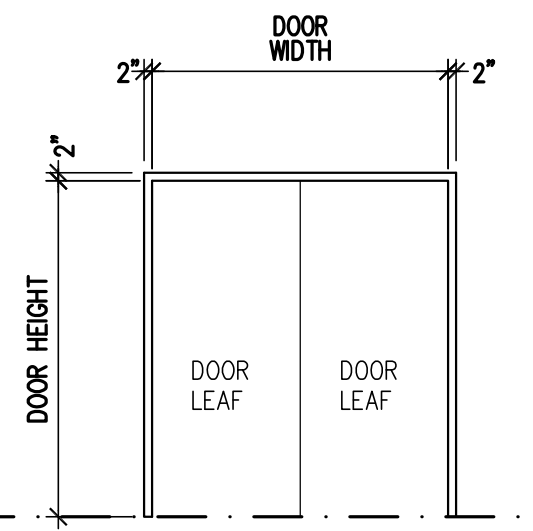
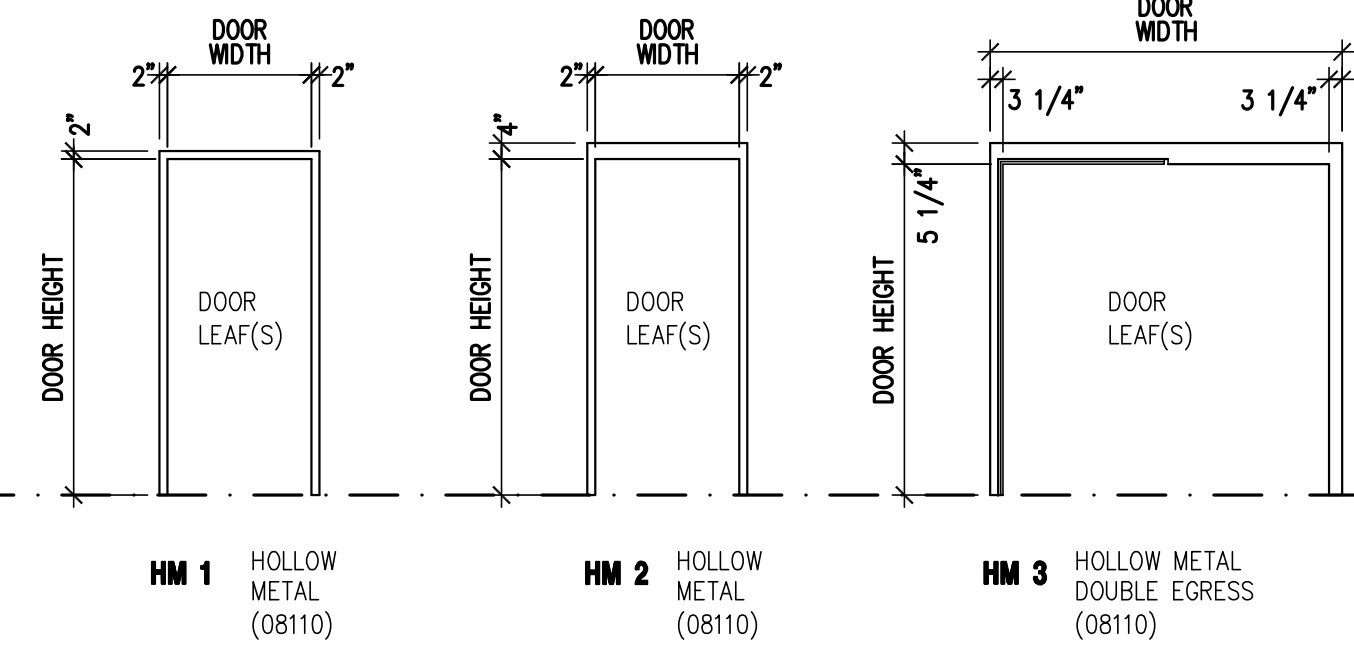
**REVISIONS TO ARCHITECTURAL DRAWINGS:**

1. **Re: Sheet A9.40**  
REVISE several hardware group call outs as shown on attached drawing A9.40.
2. **Re: Sheet A9.40**  
REVISE doors 330 and NW320 on the hardware schedule to be double doors to match the floor plans as shown on attached drawing A9.40.

**END OF ADDENDUM #4**

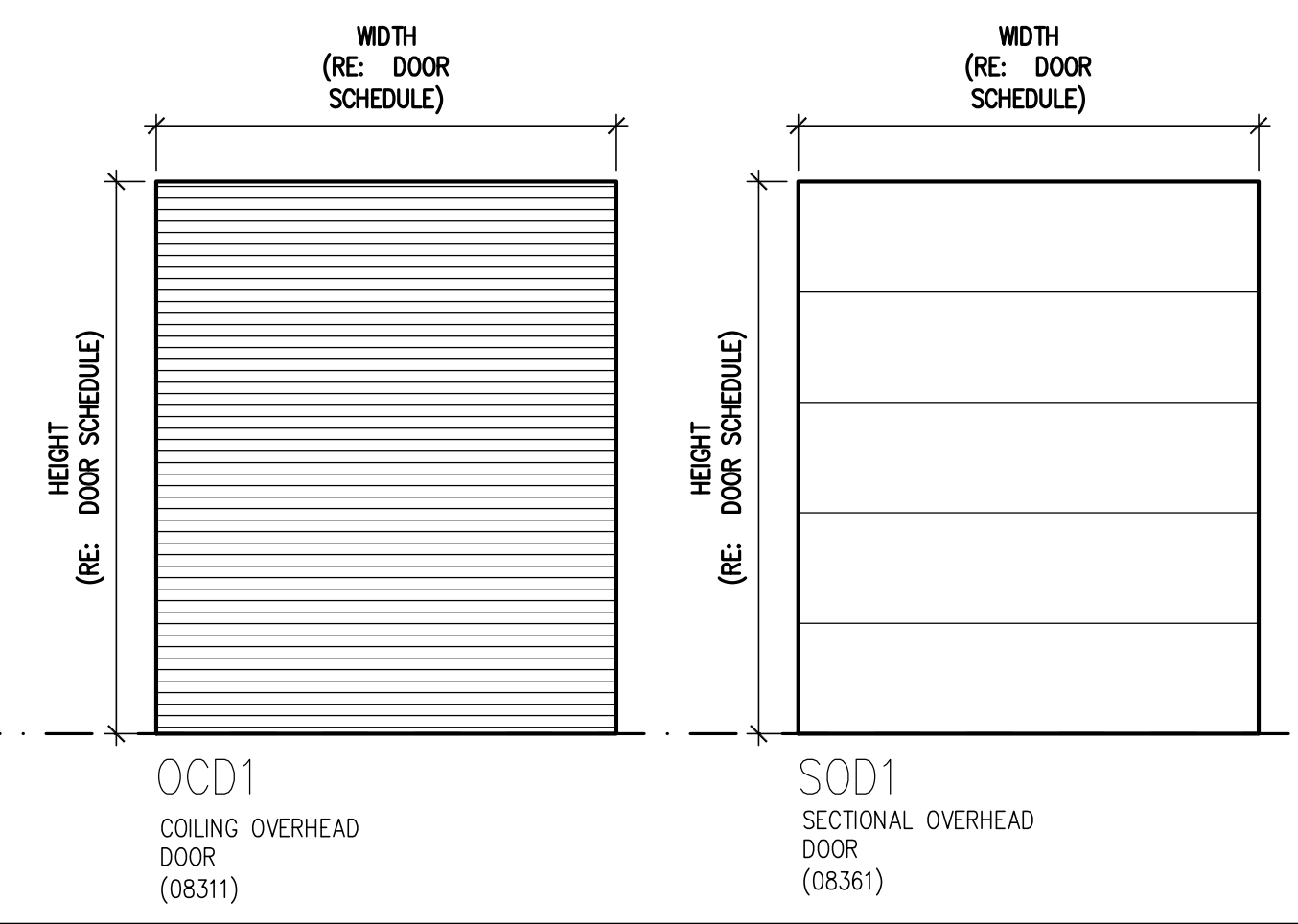
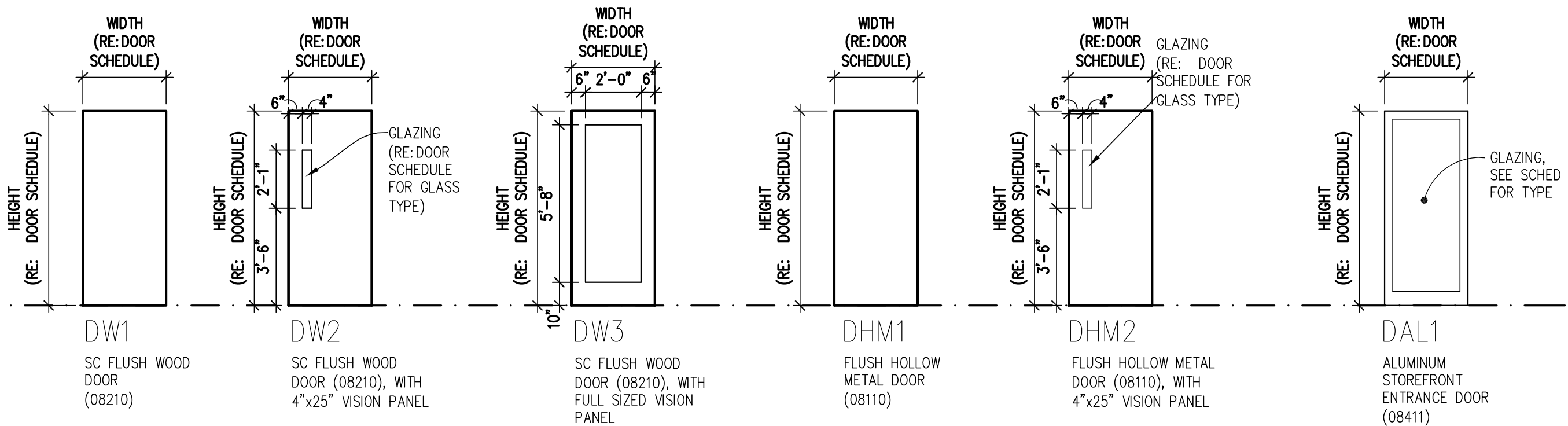
# DOOR FRAME TYPES

(NOTE: SEE SCHEDULE FOR GLAZING TYPES)



# DOOR TYPES

(NOTE: SEE SCHEDULE FOR GLAZING TYPES)



**DOOR & FRAME SCHEDULE NOTES:**

- FIRE LABEL RATINGS: BASED UPON UL CLASS RATINGS  
A - 3 HOUR B - 1 1/2 HOUR C - 1 HOUR D - 1/2 HOUR
- PROVIDE EQUIVALENT SAFETY GLASS TO MATCH LISTED GLAZING TYPES WHERE REQUIRED BY SAFETY GLAZING CODES AND STANDARDS
- IN ALL MECHANICAL ROOMS, ELECTRICAL ROOMS, BOILER ROOMS, AND ALL SIMILAR HAZARDOUS AREAS PROVIDE LEVER HANDLES WITH KNURLED HANDLES COMPLYING WITH THE ACCESSIBILITY CODE.
- REFER TO THE SPECIFICATIONS FOR A DESCRIPTION OF EACH HARDWARE GROUP.
- THE MAXIMUM HEIGHT OF DOOR THRESHOLDS SHALL BE 1/2" ABOVE FLOOR AND/OR LANDINGS ON BOTH SIDES OF THE DOOR.
- ALL RATED DOORS ARE TO BE POSITIVE LATCHING AND SELF CLOSING.
- ALL 20-MINUTE RATED ASSEMBLIES SHALL BE PROVIDED WITH APPROVED GASKETING MATERIAL SO INSTALLED TO PROVIDE A SEAL WHERE THE DOOR MEETS THE STOP ON BOTH SIDES AND ACROSS THE TOP. THE DOOR AND FRAME SHALL BEAR AN APPROVED LABEL OR OTHER IDENTIFICATION SHOWING THE RATING THEREOF, FOLLOWING BY THE LETTER "S".
- FIRE RATED DOOR FRAMES SHALL BE INSTALLED STRICTLY PER MANUFACTURER'S PRINTED INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTING AUTHORITIES.
- REFER TO INTERIOR WALL TYPES FOR ADJACENT WALL CONSTRUCTION.
- FILL FRAMES IN ACOUSTICAL RATED PARTITIONS WITH MINERAL FIBER INSULATION.
- VERIFY ALL DIMENSIONS IN FIELD.

**DOOR AND FRAME SCHEDULE LEGEND**

ADD	AUTO DOOR OPERATOR (SECTION 08716)
ALUM	ALUMINUM (SECTION 08411)
CCD	COOLING COUNTER DOOR (SECTION 08331)
HM	HOLLOW METAL (SECTION 08110)
OCD	OVERHEAD COOLING DOOR (SECTION 08331)
SCW	SOLID CORE WOOD (SECTION 08210)
STL	STEEL FABRICATION (SECTION 05500)
P	PAINT (SECTION 09111 & 09112)
STN	STAIN (SECTION 08210)
G	GLASS (SECTION 08800)
OAK	SOLID CORE WOOD, OAK VENEER (SECTION 08210)
BIRCH	SOLID CORE WOOD, BIRCH VENEER (SECTION 08210)
SOD	SECTIONAL OVERHEAD DOOR (SECTION 08361)

## DOOR FRAME TYPES

SCALE: N.S.

# DOOR SCHEDULE

RM NO.	ROOM NAME	DOOR				NOMINAL SIZE			FRAME		DETAILS					FIRE RATG	HWDR GROUP	GLAZING TYPE	REMARKS
		OPENING NUMBER	TYPE	MATL	NO.	FINISH	WID.	HT.	THKNS.	TYPE	MATL	FIN	JAMB	HEAD	SILL				
<b>SERVICE LEVEL</b>																			
127	W. BB LOCKER ROOM	127	DW1	OAK	1	STN	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	8	13	3	-	ESDI-E	△	CARD ACCESS
130	MECHANICAL	130A	DHM1	HM	1	P	3'-0"	8'-0"	1 3/4"	HM 2	HM	P	9	14	4	-	SDI-E	-	...
130	MECHANICAL	130B	CCD1	STL	1	P	8'-0"	10'-0"	1"	STL	STL	P	10-A9.42	11-A9.42	6-A9.42	-	DM-O	-	...
135.1	TELECOM	135.1	DW1	OAK	1	STN	3'-0"	7'-0"	1 3/4"	HM 2	HM	P	8	13	3	-	ESDI-E	△	...
143	ELEV MACHINE ROOM	143	DHM1	HM	1	P	4'-0"	8'-0"	1 3/4"	HM 2	HM	P	9	14	4	c	SDI-FR-SR	-	...
145	WET ROOM	145	DW1	OAK	1	STN	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	8	13	3	-	SDI-SR	-	...
149	WEST GYMNASSIUM	149A	DHM2	HM	2	P	3'-0"	7'-0"	1 3/4"	HM 2	HM	P	8	13	3	-	DDE-PAN	-	...
149	WEST GYMNASSIUM	149B	CCD1	STL	1	P	8'-0"	10'-8"	1"	STL	STL	-	10-A9.42	11-A9.42	6-A9.42	-	DM-O	-	...
149	WEST GYMNASSIUM	149C	DHM2	HM	2	P	3'-0"	7'-0"	1 3/4"	HM 2	HM	P	7	12	2	-	EDDI-PAN	-	CARD ACCESS
149	WEST GYMNASSIUM	149D	DHM1	HM	1	P	3'-0"	4'-0"	1 3/4"	HM 1	HM	P	7	12	2	-	SDI-SR	-	...
149	WEST GYMNASSIUM	149E	DHM1	HM	2	P	2'-9"	7'-4"	1 3/4"	HM 1	HM	P	4-A8.65	6-A8.65	3-A8.65	-	DDI-SR	-	...
150	STAGING	150A	DHM2	HM	1	P	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	7	12	4	-	ESDI-E	△	CARD ACCESS
150	STAGING	150B	SOD1	STL	1	P	14'-0"	12'-8"	1"	STL	STL	-	13-A9.42	14-A9.42	12-A9.42	-	DM-O	-	...
150	STAGING	150C	CCD1	STL	1	P	8'-0"	10'-8"	1"	STL	STL	-	10-A9.42	11-A9.42	6-A9.42	-	DM-O	-	...
150	STAGING	150D	CCD1	STL	1	P	8'-0"	10'-0"	1"	STL	STL	-	10-A9.42	11-A9.42	6-A9.42	-	DM-O	-	...
150	STAGING	150E	SOD1	STL	1	P	14'-0"	13'-8"	1"	STL	STL	-	13-A9.42	14-A9.42	12-A9.42	-	DM-O	-	1, 2
150	STAGING	150F	DW1	OAK	1	STN	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	7	12	3	-	SDI-P	-	3
150	STAGING	150G	DHM2	HM	1	P	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	7	12	2	C	SDI-FR-PAN	△	SET IN EXISTING CONC R.O.
156	MECHANICAL	156	DHM1	HM	2	P	3'-0"	8'-0"	1 3/4"	HM 2	HM	P	9	14	3	-	DDI-E	△	...
161	BREAK	161	DHM1	HM	1	P	3'-0"	7'-0"	1 3/4"	HM 2	HM	P	9	14	3	-	SDI-E	-	...
165	ELECTRICAL	165A	DHM1	HM	1	P	3'-0"	7'-0"	1 3/4"	HM 2	HM	P	9	14	3	B	SDI-FR-E	-	...
165	ELECTRICAL	165B	DHM1	HM	1	P	3'-0"	7'-0"	1 3/4"	HM 2	HM	P	9	14	3	B	SDI-FR-E	-	...
166	TOOL STORAGE	166	DHM1	HM	1	P	3'-0"	7'-0"	1 3/4"	HM 2	HM	P	9	14	3	-	SDI-E	-	...
GR131	CORRIDOR	CR131	DW2	OAK	2	STN	3'-0"	8'-0"	1 3/4"	HM 3	HM	P	17-A9.42	17-A9.42	16-A9.42	-	DDI-DE	-	DOUBLE EGRESS DOOR
CR140	CORRIDOR	CR140	DHM2	HM	1	P	3'-0"	7'-0"	1 3/4"	HM 2	HM	P	7	12	4	-	ESDI-E	△	CARD ACCESS
<b>OFFICE LEVEL</b>																			
201	RECEPTION	201	DW3	BIRCH	1	STN	3'-0"	8'-0"	1 3/4"	AL2	ALUM	ANO CLR	3-A9.42	5-A9.42	2-A9.42	-	ESDI-E	△	CARD ACCESS
203	CONFERENCE	203	DW1	BIRCH	1	STN	3'-0"	8'-0"	1 3/4"	AL13	ALUM	ANO CLR	3-A9.42	5-A9.42	2-A9.42	-	SDI-E	G	...
205	OFFICE	205	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	AL13	ALUM	ANO CLR	3-A9.42	5-A9.42	2-A9.42	-	SDI-E	G	...
207	OFFICE	207	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	AL13	ALUM	ANO CLR	3-A9.42	5-A9.42	2-A9.42	-	SDI-E	G	...
209	OFFICE	209	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	AL13	ALUM	ANO CLR	3-A9.42	5-A9.42	2-A9.42	-	SDI-E	G	...
211	HEAD COACH VOLLEYBALL	211	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	AL11	ALUM	ANO CLR	3-A9.42	5-A9.42	2-A9.42	-	SDI-E	-	...
230	COATS/STORAGE	230	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	AL11	ALUM	ANO CLR	15-A9.42	15-A9.42	2-A9.42	-	SDI-SR	-	...
231	JANITOR	231	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	AL11	ALUM	ANO CLR	15-A9.42	15-A9.42	2-A9.42	-	SDI-E	-	...
240	FR. ELEV VESTIBULE	240A	DW1	BIRCH	2	STN	3'-0"	7'-0"	1 3/4"	AL11	ALUM	ANO CLR	15-A9.42	15-A9.42	2-A9.42	-	DDI-SR	-	...
246	ELECTRICAL	246	DHM1	HM	1	P	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	8	13	3	-	SDI-SR	-	...
250	EAST GYMNASSIUM	250A	DHM2	HM	2	P	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	7	5-A8.22	18/A9.41	-	DDE-PAN	G	...
250	EAST GYMNASSIUM	250B	DW2	BIRCH	2	STN	3'-0"	7'-0"	1 3/4"	**	ALUM	ANO CLR	8	13	3	-	DDI-PAN	G	** SEE AB.71 FOR FRAME ELEVATION
250	EAST GYMNASSIUM	250C	DW2	BIRCH	2	STN	3'-0"	7'-0"	1 3/4"	**	ALUM	ANO CLR	8	13	3	-	DDI-PAN	G	** SEE AB.71 FOR FRAME ELEVATION, CARD ACCESS
250	EAST GYMNASSIUM	250D	CCD1	STL	1	P	8'-0"	10'-0"	1"	STL	STL	-	7-A9.42	8-A9.42	6-A9.42	-	DM-O	-	...
250	EAST GYMNASSIUM	250E	DHM2	HM	1	P	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	8	13	18/A9.41	-	SDE-PAN	G	...
251	KITCHEN	251	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	HM	HM	P	8	13	3	-	SDI-E	-	...
251	KITCHEN	251A	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	AL11	ALUM	ANO CLR	15-A9.42	15-A9.42	3	-	SDI-E	-	...
253	WET ROOM	253A	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	AL11	ALUM	ANO CLR	15-A9.42	15-A9.42	3	-	SDI-E	-	...
253	WET ROOM	253B	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	8	13	3	-	SDI-E	-	...
255	GOAL STORAGE	255	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	8	13	3	-	SDI-SR	-	...
CR201	VESTIBULE	CR201A	DAL1	ALUM	2	ANO BRZ	3'-0"	8'-0"	1 3/4"	AL1	ALUM	ANO BRZ	3-A9.42	5-A9.42	1-A9.42	-	EDDE-AUTO	G	CARD ACCESS, AUTO ENTRY
CR201	VESTIBULE	CR201B	DAL1	ALUM	2	ANO BRZ	3'-0"	8'-0"	1 3/4"	AL1	ALUM	ANO BRZ	4-A9.42	5-A9.42	1-A9.42	-	DDI-VEST	G	...
CR259	CORRIDOR	CR259A	DHM2	HM	1	P	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	7	12	2	C	SDE-FR-PAN	-	...
CR259	CORRIDOR	CR259B	DHM2	HM	1	P	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	7	12	4	C	SDE-FR-PAN	-	...
NW253	MECHANICAL	NW253	DW1	BIRCH	2	STN	3'-0"	7'-0"	1 3/4"	HM 1	HM	P	8	13	3	-	DDI-E	-	...
RRU221	UNISEX REST ROOM	RRU221	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	AL11	ALUM	ANO CLR	15	15	3	-	SDI-PR	-	...
RRW223	WOMENS REST ROOM	RRW223	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	AL11	ALUM	ANO CLR	15	15	3	-	SDI-MTR	-	...
RRW225	MENS REST ROOM	RRW225	DW1	BIRCH	1	STN	3'-0"	7'-0"	1 3/4"	AL11	ALUM	ANO CLR	15	15	3	-	SDI-MTR	-	...
274	BALCONY	274	DW1	BIRCH	2	STN	3'-0"	7'-0"	1 3/4"	**	ALUM	ANO CLR	15	15	3	-	DDI-E	-	** SEE AB.71 FOR FRAME ELEVATION
<b>CONCOURSE LEVEL</b>																			
330	MECHANICAL	330	DHM1	HM	2	P	3'-0"	8'-0"	1 3/4"	HM 1	HM	P	18	18	6-A8.41	-	DDE-E	-	...
NW320	ROOF ACCESS	NW320	DHM1	HM	2	P	3'-0"	8'-0"	1 3/4"	HM 1	HM	P	17	17	8-A8.41	-	DDE-E	-	...
320	TICKET OFFICE	320	DW1	OAK	1	STN	3'-0"	7'-0"	1 3/4"	HM 2	HM	P	6	11	3	-	SDI-E	-	...

## REMARKS KEY

- INTERFACE WITH FIRE ALARM SYSTEM TO CLOSE ON ALARM
- EXISTING CONCRETE WALL, EXISTING ROUGH OPENING SHALL BE MODIFIED
- NEW DOOR OPENING CUT INTO EXISTING CONCRETE WALL

## DOOR SCHEDULE

SCALE: N.S.

All information appearing herein shall not be duplicated, exchanged or otherwise used without the written consent of SHS Combs Dethlefs.

## SINK COMBS DETHLEFS