SECTION 08 71 00 DOOR HARDWARE

PART 1 - GENERAL

1.1 DESCRIPTION

A. Door hardware and related items necessary for complete installation and operation of doors.

1.2 RELATED WORK

- A. Caulking: Section 07 92 00 JOINT SEALANTS.
- B. Application of Hardware: Section 08 11 13, HOLLOW METAL DOORS AND FRAMES; and Section 32 31 33, CHAIN LINK FENCES AND GATES.
- C. Painting: Section 09 91 00, PAINTING.
- D. Electrical: Division 26, ELECTRICAL.

1.3 GENERAL

- A. All hardware shall comply with ABAAS, (Architectural Barriers Act Accessibility Standard) unless specified otherwise.
- B. Provide rated door hardware assemblies where required by most current version of the International Building Code (IBC).
- C. Hardware for Labeled Fire Doors and Exit Doors: Conform to requirements of NFPA 80 for labeled fire doors and to NFPA 101 for exit doors, as well as to other requirements specified. Provide hardware listed by UL, except where heavier materials, large size, or better grades are specified herein under paragraph HARDWARE SETS. In lieu of UL labeling and listing, test reports from a nationally recognized testing agency may be submitted showing that hardware has been tested in accordance with UL test methods and that it conforms to NFPA requirements.
- D. Hardware for application on metal and wood doors and frames shall be made to standard templates. Furnish templates to the fabricator of these items in sufficient time so as not to delay the construction.
- E. The following items shall be of the same manufacturer, except as otherwise specified:
 - 1. Mortise locksets.
 - 2. Hinges for hollow metal and wood doors.
 - 3. Surface applied overhead door closers.
 - 4. Exit devices.
 - 5. Floor closers.

4. Submit written report identifying problems.

3.4 DEMONSTRATION

A. Demonstrate efficacy of mechanical hardware and electrical, and electronic hardware systems, including adjustment and maintenance procedures, to satisfaction of Resident/Project Engineer and VA Locksmith.

3.5 HARDWARE SETS

- A. Following sets of hardware correspond to hardware symbols shown on drawings. Only those hardware sets that are shown on drawings will be required. Disregard hardware sets listed in specifications but not shown on drawings.
- B. Hardware Consultant working on a project will be responsible for providing additional information regarding these hardware sets. The numbers shown in the following sets come from BHMA standards.

ELECTRIC HARDWARE ABBREVIATIONS LEGEND:

ADO = Automatic Door Operator

EMCH = Electro-Mechanical Closer-Holder

MHO = Magnetic Hold-Open (wall- or floor-mounted)

INTERIOR SINGLE DOORS

HW-2D

Each Door to Have:

1 Privacy Lock

RATED

F02-MOD X OCCUPANCY INDICATOR

Hinges QUANTITY & TYPE AS REQUIRED

1 Closer C02011/C02021

1 Kick Plate J102 1 Mop Plate (@ Inswing Doors) J103

1 Wall Stop L02101 CONVEX

1 Set Self-Adhesive Seals R0Y154

STONE THRESHOLD BY OTHER TRADES.

HW-2G

Each Door to Have: RATED/NON-RATED

Hinges QUANTITY & TYPE AS REQUIRED

1 Keyed Privacy Indicator Lock F13 x OCCUPANCY INDICATOR

1 Closer C02011/C02021

1 Kick Plate J102
1 Mop Plate (@ Inswing Doors) J103

1 Floor Stop L02121 x 3 FASTENERS 1 Auto Door Bottom R0Y346 - HEAVY DUTY

2 Set Self-Adhesive Seals R0Y154

STONE THRESHOLD BY OTHER TRADES.

HW-3B

Each Door to Have: NON-RATED/RATED

Hinges QUANTITY & TYPE AS REQUIRED

1 Office Lock F04

1 Closer C02011/C02021

1 Floor Stop L02121 x 3 FASTENERS

1 Door Viewer L03221 - 190° (VIEW INTO CORRIDOR)

1 Set Self-Adhesive Seals R0Y154

INTERIOR PAIRS OF DOORS - NOT USED EXTERIOR SINGLE DOORS - NOT USED EXTERIOR PAIRS OF DOORS

HW-E6

Each Pair to Have: NON-RATED

2 Continuous Hinge

Set Auto Flush Bolts
Dust Proof Strike
Entry Lock
F11

1 Overlapping Astragal with R0Y634 x R0Y154 x THRU-BOLTS

Self-Adhesive Seal

1 Coordinator TYPE 21A

2 Closer C02011/C02021

2 Kick Plate J102

2 Floor Stop L02121 x 3 FASTNERS

1 Threshold (outswing door) J32120 x SILICONE GASKET

1 Threshold (inswing door) ALUMINUM, PER ARCHITECTURAL DETAIL

2 Door Sweep R0Y416
1 Set Frame Seals R0Y164
1 Drip R0Y976

EXTERIOR SINGLE GATES

HW-G4

Each Gate to Have: NON-RATED

2 Weldable Gate Hinges A8181 (3 KNUCKLE) X 5 INCHES X WELDED OR

FASTENED X SHEAR HINGE LEAVES TO FIT

GATE MEMBERS

1 Weldable Panic Box

1 Anti-Vandal Pull

1 Rim Panic Device TYPE 1 F03 LESS TRIM

1 Cylinder TYPE AS REQUIRED

1 Stainless Steel Closer C52011/C22021

BALANCE OF HARDWARE BY SECTION 32 31 53, PERIMETER SECURITY FENCES AND

GATES

EXTERIOR PAIRS OF GATES

HW-G7

Each Pair Gates to Have:

NON-RATED

4 Weldable Gate Hinges A8181 (3 KNUCKLE) X 5 INCHES X WELDED OR

FASTENED X SHEAR HINGE LEAVES TO FIT

GATE MEMBERS

2 Padlockable Cane Bolts

2 Padlocks TYPE AS REQUIRED

1 Weldable Lock Box

1 Utility Lock F09 X NON-FERROUS LOCK CASE

2 Stainless Steel Closer C52011/C22021

BALANCE OF HARDWARE BY SECTION 32 31 53, PERIMETER SECURITY FENCES AND GATES. INSTALL CANE BOLTS ON PULL SIDE OF EACH LEAF. ACTIVE LEAF CANE BOLT TO HAVE STRIKE IN OPEN POSITION ONLY. INACTIVE LEAF CANE BOLT TO HAVE STRIKES IN BOTH OPEN AND CLOSED POSITIONS.

<u>HW-G10</u>

Each Rolling or Swing-Up Gate to Have:

NON-RATED

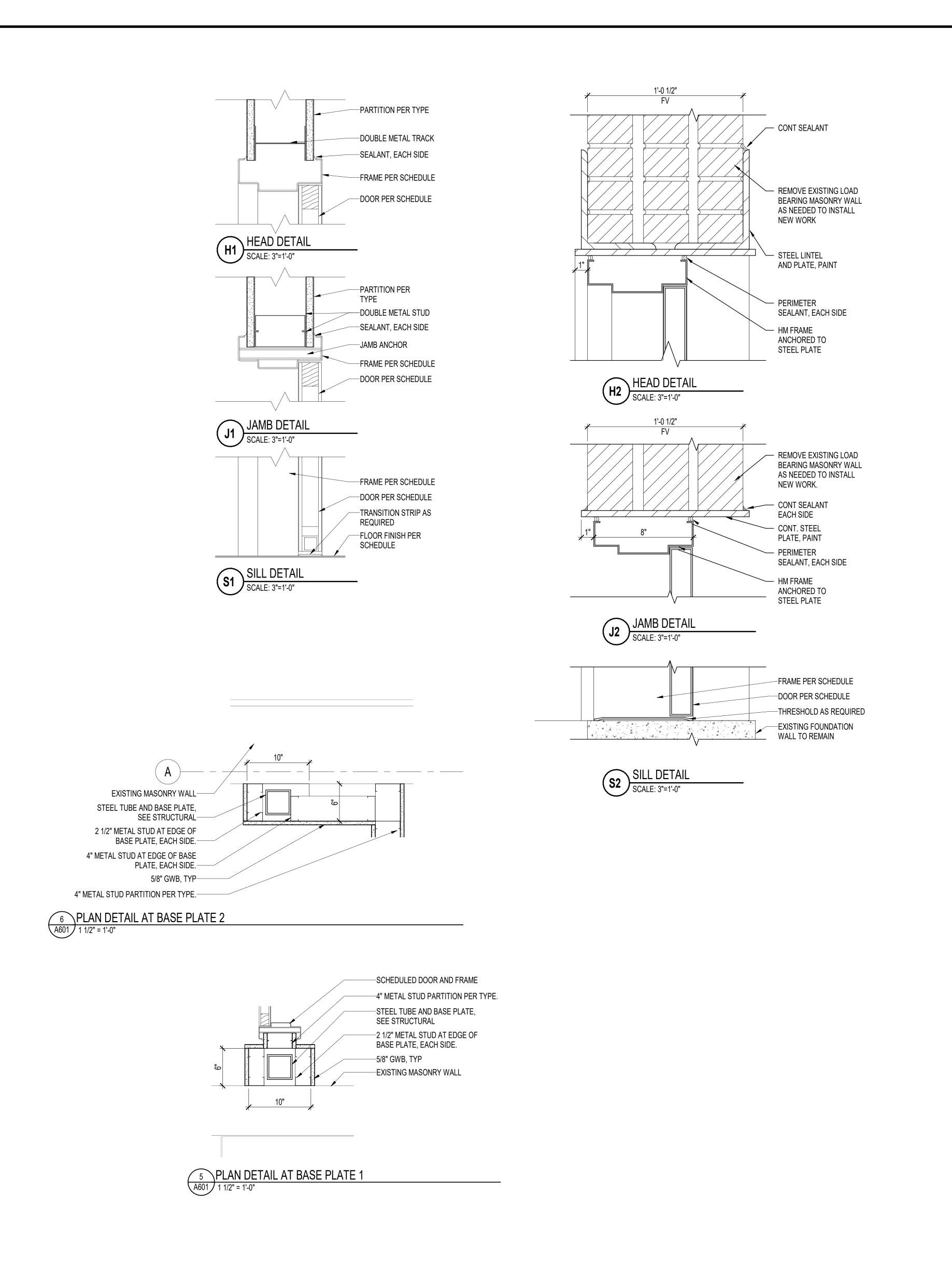
1 Padlock or 2 Cylinders TYPE AS REQUIRED

BALANCE OF HARDWARE BY SECTION 32 31 53, PERIMETER SECURITY FENCES AND

GATES.

RESIDENTIAL UNIT PAIRS OF DOORS - NOT USED INTERIOR SINGLE SECURITY DOORS - NOT USED INTERIOR PAIRS OF SECURITY DOORS - NOT USED EXTERIOR SINGLE SECURITY DOORS - NOT USED MENTAL HEALTH AREAS - NOT USED

---END---



CONSULTANT

4-8-2020

REVISION 🔼

VA FORM 08-6231

EQUIPMENT SCHEDULE					ROOM FINISH SCHEDULE												
JSN A1030	DESCRIPTION TWO PERSON LOCKER, DOUBLE TIER, 72HX12WX18D. THIS	PROVIDED BY	INSTALLED BY CONTRACTOR	RC	OM NO			ROOM NA	\ME		FLOOF	R BASE	EAST WALL	NORTH WALL	SOUTH WALL	WEST	CEILING
711000	UNIT INCLUDES HOOKS FOR COATS AND HATS. DOOR	OOVERNIMENT	CONTINUE	1		STAIF	 }				EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	ACT
	EQUIPPED WITH SAFETY GUARD HANDLES. DESIGNED FOR STORAGE OF COATS, HATS, AND OTHER PERSONAL BELONGINGS. OTHER WIDTH AND DEPTHS ARE AVAILABLE.			2		STAIF					EXIST	EXIST	EXIST	EXIST		EXIST	ES/P
				101		COM	MON BOIL	ER ROOM			SC	RB	Р	Р	Р	Р	ES/P
				102		COM	MON SHOR	P AREA			SC	RB	Р	Р	Р	Р	ACT
A1070	MIRROR, FLOAT GLASS, WITH SS FRAME, 24 X 36	CONTRACTOR	CONTRACTOR	103		COM	ION EME	RGENCY GENI	ERATOR F	ROOM	SC	RB	Р	Р	Р	Р	ES/P
	DISPOSABLE SOAP DISPENSER; SURFACE MOUNTED,		CONTRACTOR	104		COM	ION PUMI	PROOM			SC	RB	Р	Р	Р	Р	ACT
A3013	HIGH-IMPACT TOUCH FREE ABS PLASTIC WITH ONE	CONTRACTOR	CONTRACTOR	201		BOILE	R MANAG	ER'S OFFICE			VCT	RB	Р	Р	Р	Р	ACT
	HANDED DISPENSING OPERATION WITH 800 ML CAPACITY; FOAM OR LIQUID.			202		BOILE	R OPERA	TORS OFFICE			VCT	RB	Р	Р	Р	Р	ACT
				202A		UNISE	X TOILET	/SHOWER			PT	PT	PT	PT	PT	PT	ACT
A5082	DISPENSER, PAPER TOWEL, SENSOR, HANDS FREE	CONTRACTOR	CONTRACTOR	202B		ENGII	NEERING	STORAGE			SC	RB	Р	Р	Р	Р	ES/P
A5090	A SURFACE MOUNTED, SATIN FINISH STAINLESS STEEL, SANITARY NAPKIN DISPOSAL. DISPOSAL FEATURES A FLIP-UP COVER, SECURED TO THE CONTAINER BY A HEAVY-DUTY STAINLESS-STEEL PIANO-HINGE.	CONTRACTOR	CONTRACTOR	203		PART	S STORAG	GE			SC	RB	Р	Р	Р	Р	ES/P
				203A		ENGII	NEERING	STORAGE			SC	RB	Р	Р	Р	Р	ES/P
				204		ENGI	NEERING	FEED WATER	AREA		SC	RB	Р	Р	Р	Р	ES/P
A5109	GRAB BAR, ABA COMPLIANT, SS, 2-WALL, W/C	CONTRACTOR	CONTRACTOR	205		UNISE	X LOCKE	RS			PT	PT	Р	Р	Р	Р	ACT
710100	ACCESSIBLE	CONTINUOTOR	CONTINUE	206		UNISE	X TOILET	/ SHOWER			PT	PT	PT	PT	PT	PT	ACT
A5135	A SURFACE MOUNTED, SATIN FINISH STAINLESS STEEL, UTILITY SHELF WITH A MAXIMUM OF 6 MOP/BROOM HOLDERS AND 5 RAG HOOKS. FOR USE IN JANITOR CLOSETS FOR USE IN JANITOR CLOSETS	CONTRACTOR	CONTRACTOR			I SCHEDULI			WHEDE E	VISTING FINI	SC	EXIST		P ACTOR SHA	P MI	P	ES/P
A5202	A CONCEALED SURFACE MOUNTED, DOUBLE ROLL, SATIN FINISH STAINLESS STEEL, COMBINATION TOILET TISSUE DISPENSER AND UTILITY SHELF (MINIMUM 5" DEPTH). UNIT ACCOMMODATES TWO STANDARD-CORE TOILET TISSUE ROLLS THROUGH 6" IN DIAMETER. SPINDLES ARE CHROME PLATED PLASTIC WITH A HEAVY-DUTY INTERNAL SPRING AND TURN FREELY FOR NON-CONTROLLED DELIVERY.		CONTRACTOR	B. A C. A	ATCH , LL EXIS LL FINIS	REPAIR ANI TING AND N	D FINISH V IEW WALI ONS AND	WITH MATCHI _ AND CEILING COLOR TO BI	NG MATE G SURFA(E APPRO)	RIALS. CES SHALL B	E PAINTED L AND VA INTE	JNLESS NOT ERIOR DESIG	ED OTHER GNER.		ALL.		
CUADU	STANDING HEIGHT UNDER COUNTER BASE SINK CABINET	CONTRACTOR	CONTRACTOR	DOOR			DOOF	R DOOR	FRAME		HEAD	JAMB	SILL	FIRE	HARDWAF	2F	
	WITH SOLID HINGED DOORS. COORDINATE ACTUAL CLEAR CABINET DIMENSION WITH THE ACTUAL OUTSIDE	CONTINUIOR	CONTINACTOR	NO.	WIDTI	HEIGHT							DETAIL	RATING	SET	\L	REMARK
	DIMENSION OF SINK THAT IS SPECIFIED TO ENSURE THAT THEY ARE COMPATIBLE.			201	3'-0"	7'-0"	A	HM	1	НМ	H1		S1	U	HW-3B	3	
CB020	WALL HUNG CABINET WITH TWO ADJUSTABLE SHELVES, SOLID HINGED DOORS, AND SLOPING TOP WHERE	CONTRACTOR	CONTRACTOR	202	3'-0"	7'-0"	Α	HM	1	HM	H1		S1	8	HW-3B	3	
				202A	3'-0"	7'-0"	A		1	HM	H1		S1	<u> }</u>	HW-2D	4	
	INDICATED.			204	6'-0"	8'-6"	AA	НМ	1	HM	H2		S2	<u> §</u>	HW-E6	3 PAIRE	D DOOR
CD040	WALL HUNG CABINET WITH TWO ADJUSTABLE SHELVES,	CONTRACTOR	CONTRACTOR	205	3'-0"	7'-0"	CALL		1	HM	H1		S1	<u> </u>	HW-2G	3	
	SOLID HINGED DOORS, AND SLOPING TOP WHERE INDICATED.			206	3'-0"	7'-0"	A	HM	1	HM	H2 (SIM)	J2 (SIM)	S2 (SIM)		HW-2D	3	
		I .	i I														

EQUIPMENT SCHEDULE GENERAL NOTES:

R6200 UNDERCOUNTER UTILITY REFRIGERATOR

APPROXIMATELY 35" H X 24" W X 26" D

4" BUTT BACKSPLASH/CURB.

K4665 OVEN, MICROWAVE, CONSUMER.

CT020 A SOLID, NONPOROUS COUNTERTOP WITH A SMOOTH

SEAMLESS APPEARANCE. AN ACRYLIC-BASED SOLID

SURFACE PRODUCT. STANDARD THICKNESS OF 1", AND A

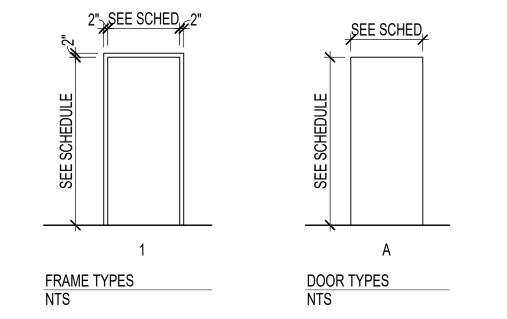
A. REFER TO INTERIOR ELEVATIONS DRAWINGS FOR SIZE AND LOCATIONS OF MANUFACTURED WOOD CASEWORK.

CONTRACTOR CONTRACTOR

GOVERNMENT GOVERNMENT

GOVERNMENT GOVERNMENT

B. FINISH COLOR SELECTIONS AND THEIR LOCATIONS TO BE VERIFIED AND APPROVED BY COR. C. REFER TO DRAWING G002 FOR MOUNTING HEIGHTS.



WALL CEILING CLG. HT. REMARKS

22'-4"

31'-0"

8'-0"

8'-10"

12'-6"

8'-0"

8'-0"

8'-0"

13'-0"

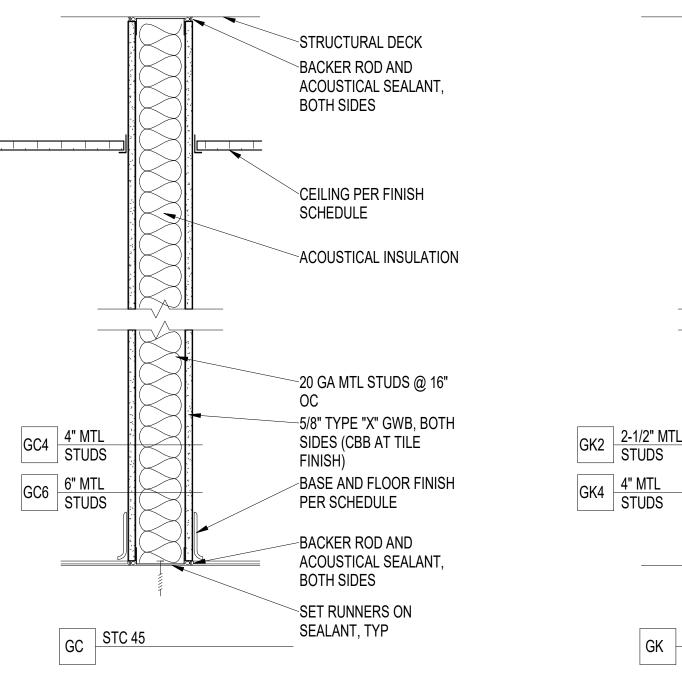
9'-4 1/2"

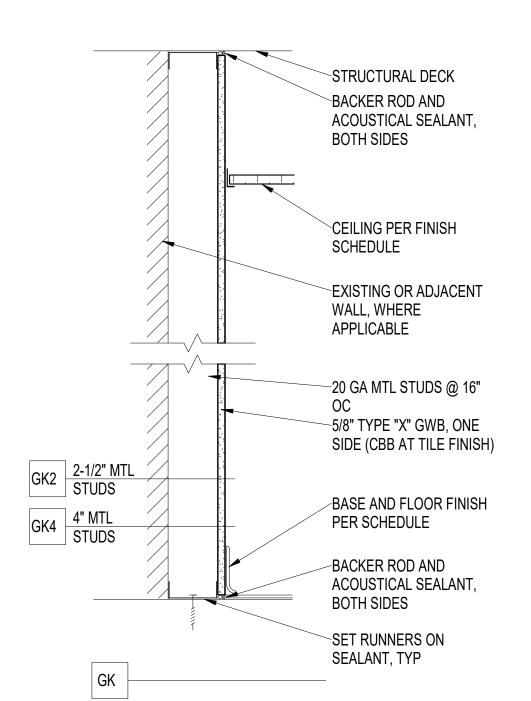
9'-4 1/2"

9'-4 1/2"

11'-2"

REMARKS





			SCALE: 3" = 1' - 0"				
Office of Construction and Facilities	DOOR & PARTITION TYPES, SCHEDULES & DETAILS	Phase BID DOCUMENTS	Project Title: CORRECT FCA DEFICIENCIES IN BOILER PLANT, BUILDING 14			Project Number 619-20-103 Building Number 14	
Management U.S. Department of Veterans Affairs	Approved Project Director	FULLY SPRINKLERED	Location MONTGOMERY, AL Issue Date 09-20-2023 Checked JH VK/AW/SJ DB			Drawing Number A601	

ARCHITECT/ENGINEER OF RECORD | STAMP