

SECTION 08710 - FINISH HARDWARE AND HARDWARE SCHEDULE

PART 1 – GENERAL

1. GENERAL:

- A. SCOPE: THIS CONTRACTOR SHALL FURNISH ALL ITEMS OF ARCHITECTURAL HARDWARE NECESSARY TO COMPLETE THE WORK SHOWN ON THE DRAWINGS AND/OR SPECIFIED HEREIN.

- B. GENERAL: INSTALLATION OF THIS HARDWARE AND FURNISHING OF ROUGH HARDWARE IS SPECIFIED UNDER ANOTHER SECTION OF THESE SPECIFICATIONS.

ANY DISCREPANCY IN THESE SPECIFICATIONS SHOULD BE BROUGHT TO THE ARCHITECT'S ATTENTION IN AMPLE TIME, IN ORDER THAT PROPER ADDENDA CAN BE ISSUED TO MAKE THE NECESSARY CORRECTION. OTHERWISE, THIS CONTRACTOR WILL BE HELD RESPONSIBLE FOR HAVING EXAMINED THE DRAWINGS AND SPECIFICATIONS AND WILL FURNISH A COMPLETE JOB.

HARDWARE SPECIFIED IS TO DESCRIBE FUNCTION, QUALITY AND DESIGN REQUIRED. EQUAL PRODUCTS OF OTHER MANUFACTURERS MAY BE SUBMITTED FOR APPROVAL BY ARCHITECT SEVEN DAYS PRIOR TO BIDDING, EXCEPT THAT LOCKSETS AND CYLINDERS SHALL BE AS SPECIFIED TO MATCH EXISTING, INCLUDING DESIGN AND FINISH; ALSO PANIC DEVICES AND CLOSERS SHALL BE AS SPECIFIED IN ORDER TO UTILIZE SPARE PARTS STOCKED BY SCHOOL MAINTENANCE DEPARTMENT.

- C. PACKING AND MARKING: EACH ITEM OF HARDWARE SHALL BE PACKED SEPARATELY AND SHALL HAVE THE NECESSARY SCREWS, BOLTS OR OTHER FASTENERS REQUIRED FOR PROPER INSTALLATION. EACH CARTON SHALL BE LEGIBLY MARKED, INDICATING THAT PORTION OF THE WORK FOR WHICH IT IS INTENDED.
- D. TEMPLATES: THE HARDWARE SUPPLIER SHALL FURNISH TO THE MANUFACTURER OF THE HOLLOW METAL FRAMES TEMPLATES NECESSARY FOR ALL ITEMS OF HARDWARE MADE TO TEMPLATE.
- E. SCHEDULE: SUBMIT SIX (6) COPIES OF THE HOLLOW METAL AND HARDWARE SCHEDULE (LINEAR FORMAT) FOLLOWING THE SAME FORMAT AS THE CONTRACT DOCUMENTS. SUBMIT TO THE ARCHITECT FOR APPROVAL AS SOON AS POSSIBLE AFTER AWARD OF CONTRACT. SCHEDULE MUST BE COMPLETE, INDICATING THE MANUFACTURER'S NAMES AND CATALOG NUMBERS, LOCATION AND FINISH OF EACH ITEM.
- F. KEYING: ALL LOCKS SHALL BE KEYED AT THE FACTORY, (NO EXCEPTIONS). ALL LOCKS SHALL BE FACTORY MASTER KEYED. ALL EXTERIOR CORRIDOR DOORS SHALL BE KEYED ALIKE. ALL CLASSROOM CORRIDOR DOORS, EXTERIOR DOORS, AND STORAGE DOORS KEYED ALIKE. ALL MECHANICAL AND CUSTODIAL DOORS KEYED ALIKE. ALL OTHERS KEYED DIFFERENT. SUPPLY THREE KEYS PER LOCK. SUPPLY EIGHT MASTER KEYS AND OR SUB MASTER KEYS AS DIRECTED. ALL KEYS TO BE STAMPED WITH ROOM NUMBER. STAMP MASTER KEYS WITH "MASTER KEY" OR "SUB MASTER KEY". ALL KEYS TO BE KEYED TO THE SCHOOL'S EXISTING KEYING SYSTEM. (TWO SCHOOLS, TWO SYSTEMS) SUBMIT KEYING SCHEDULE FOR APPROVAL.
- G. PROVIDE ONE (1) EACH DOGGING KEY FOR EACH EXIT DEVICE.

**WEST NAVARRE INTERMEDIATE SCHOOL**  
**5 CLASSROOM ADDITION**

- H. ALL FIRE RATED DOORS SHALL HAVE STEEL BALL BEARING HINGES AND DOOR CLOSERS.

HARDWARE SCHEDULE: AS PER THE FOLLOWING LIST:

NOTE - DOOR NUMBERS LISTED HERE ARE FOR CONVENIENCE ONLY.  
REFER TO DOOR SCHEDULE FOR MORE INFORMATION

**WEST NAVARRE INTERMEDIATE SCHOOL**  
**5 CLASSROOM ADDITION**

HARDWARE SET 1 (PAIR OF ENTRANCE DOORS)  
DOORS 01, 23

6 EA. BUTTS	BB1199 4.5 x 4.5 NRP	626	HA
1 EA. EXIT DEVICE	HH99NL x SNB	628	VD
1 EA. EXIT DEVICE	HH99DT x SNB	628	VD
1 EA. REMOVABLE MULLION	9954	600	VD
1 SET MULLION STABILIZERS	154	600	VD
1 EA. RIM CYLINDER	20-022	626	SC
2 EA. CLOSERS	4041 Rw/PA x TB	689	LC
2 EA. KICK PLATES	8400 12" x 1" LDW x B4E	630	IV
2 EA. FLOOR STOPS	FS18L	BLK	IV
1 EA. THRESHOLD	520SV	MIL	HA
2 EA. SWEEPS	750SN	MIL	HA
2 SETS WEATHERSEAL	726S	BLK	HA

**NOTE: MOUNT FLOOR STOPS NEXT TO WALL**

HARDWARE SET 3 (EXTERIOR FROM CLASSROOM)  
DOORS 02, 04, 22, 24, 26

3 EA. BUTTS	BB1199 4.5 x 4.5 NRP	626	HA
1 EA. CLASSROOM SEC. LOCK	ATHENS ND75PD	626	SC
1 EA. CLOSER	4041 Rw/PA x TB	689	LC
1 EA. FLOOR STOP	FS18L	BLK	IV
1 EA. THRESHOLD	520SV	MIL	HA
1 EA. SWEEP	750SN	MIL	HA
1 SET WEATHERSEAL	726S	BLK	HA
1 EA. LOCK GUARD	BLP-107	630	DJ

**NOTE: MOUNT FLOOR STOPS TO ALLOW FOR MAXIMUM DOOR SWING**

HARDWARE SET 4 (SGL. EXTERIOR MECH, ELEC, OR PLUMBING)

**WEST NAVARRE INTERMEDIATE SCHOOL**  
5 CLASSROOM ADDITION

**DOORS 03, 21, 25**

3 EA. BUTTS	BB1199 4.5 x 4.5 NRP	626	HA
1 EA. STOREROOM LOCK	ATHENS ND80PD	626	SC
1 EA. OVERHEAD HOLDER	GJ90H x SNB	630	GJ
1 EA. THRESHOLD	520SV	MIL	HA
1 EA. SWEEP	750SN	MIL	HA
1 SET WEATHERSEAL (DOOR 25)	726S	BLK	HA
1 EA. LOCK GUARD	BLP-107	630	DJ

**HARDWARE SET 7 (CORRIDOR FROM CLASSROOM)**

**DOORS 05, 12, 27, 34, 36**

3 EA. BUTTS	BB1279 4.5 x 4.5	652	HA
1 EA. CLASSROOM SEC. LOCK	ATHENS ND75PD	626	SC
1 EA. CLOSER	1461 Rw/PA x TB	689	LC
1 EA. WALL BUMPER	WS407CCV	626	IV
3 EA. SILENCERS			

**HARDWARE SET 10 ( SGL. INTERIOR CUSTODIAL, ELEC, MECH OR PLUMBING)**

**DOORS 13, 14**

3 EA. BUTTS	BB1279 4.5 x 4.5	652	HA
1 EA. STOREROOM LOCK	ATHENS ND80PD	626	SC
1 EA. CLOSER	1461 Rw/PA x TB	689	LC
3 EA. SILENCERS			

**HARDWARE SET 13 (NON RATED STORAGE ROOMS IN CORRIDORS)**

**DOORS 15, 35**

3 EA. BUTTS	1279 4.5 x 4.5	652	HA
1 EA. STOREROOM LOCK(FIXED LEAVER)	ATHENS ND80PD	626	SC
1 EA. WALL BUMPER OR FLOOR STOP	WS407CCV OR FS436	626	IV
3 EA. SILENCERS			

**WALL BUMPER DOOR 15**

**FLOOR STOP DOOR 35**

**HARDWARE SET 22 (ITINERANT OFFICE, TEACHERS PLANNING, STUDENT TOILET VESTIBULE TO CLASSROOM)**

**DOORS 07, 10, 29, 32, 38**

**WEST NAVARRE INTERMEDIATE SCHOOL**  
**5 CLASSROOM ADDITION**

3 EA. BUTTS	1279 4.5 x 4.5	652	HA
1 EA. CLASSROOM SEC. LOCK	ATHENS ND75PD	626	SC
1 EA. CLOSER	1461 Rw/PA x TB	689	LC
1 EA. FLOOR STOP	FS436	626	IV
3 EA. SILENCERS			

**MOUNT FLOOR STOPS NEXT TO WALL**

**HARDWARE SET 24B** (STUDENT TOILET K – 12<sup>TH</sup> GRADE)  
DOORS 08, 09, 30, 31, 39, 40

3 EA. BUTTS	BB1279 4.5 x 4.5	652	HA
1 EA. PRIVACYSET	ATHENS ND44S	626	SC
1 EA. CLOSER	1461 Rw/PA x TB	689	LC
1 EA. WALL BUMPER	WS407CCV	626	IV
3 EA. SILENCERS			

**HARDWARE SET 25** (CLASSROOM STORAGE)  
DOORS 06, 11, 28, 33, 37

3 EA. BUTTS	1279 4.5 x 4.5	652	HA
1 EA. CLASSROOM LOCK	ATHENS ND70PD	626	SC
1 EA. WALL BUMPER	WS407CCV	626	IV
3 EA. SILENCERS			

**MANUFACTURERS:**

HA = HAGER HINGE COMPANY  
SC = SCHLAGE LOCK COMPANY  
VD = VON DUPRIN  
SE = SCHLAGE ELECTRONICS  
LC = LCN CLOSERS  
GJ = GLYNN JOHNSON  
IV = IVES PRODUCTS  
DJ = DONJO MANUFACTURING

**FINISHES:**

626 – BRUSHED CHROME / BRASS OR BRONZE  
652 – BRUSHED CHROME / STEEL  
689 – PAINTED ALUMINUM  
630 – BRUSHED STAINLESS STEEL

**GENERAL NOTES:** FURNISH SEX BOLTS FOR ALL EXIT AND PANIC DEVICES. FURNISH SEX BOLTS FOR CLOSERS ON WOOD DOORS. FURNISH CLOSER REINFORCING FOR ALL METAL DOORS AND FRAMES. **CLOSERS TO BE MOUNTED TO ALLOW FOR 180 DEGREE OPENING.** FLOOR STOPS TO BE MOUNTED SO AS TO NOT CAUSE A TRIPPING HAZARD. MOUNT FLOOR STOPS NEXT TO CABINETS, WALLS OR OTHER OBSTRUCTIONS. FLOOR STOPS TO NOT BE MOUNTED CLOSER THAN HALF OF THE DOOR WIDTH PLUS 2" FROM THE HING JAMB OF THE DOOR.

END OF SECTION