SECTION 08 21 00 - WOOD DOORS PART 1 - GENERAL		SECTION 08 21 00 - FINISH HARDWARE PART 1 - GENERAL		
1.1 SECTION I		1.4 SU	BMITTALS	
А. В.	SOLID CORE VENEERED DOORS, FLUSH DESIGN WITH PAINT GRADE FINISH WOOD FACES. THE WORK INCLUDES, BUT IS NOT LIMITED TO, INSTALLING THE FOLLOWING ITEMS FURNISHED UNDER THE SECTION INDICATED.		В.	SUBMIT PRODUCT DATA AN HARDWARE SCHEDULE: CC FURNISHED AND DELIVEREI
	1. FINISH HARDWARE FOR WOOD DOORS, SECTION 08 71 00.		C.	MANUFACTURER'S PRODUC THIS SECTION.
1.2 SUBMITTAI		1.5 DE	LIVERY, H	IANDLING, STORAGE
А. В. С.	SUBMIT SHOP DRAWINGS AS REQUIRED BY OWNER. DOOR SCHEDULE: USING SAME REFERENCE NUMBERS FOR OPENINGS AS THOSE INDICATED ON ARCHITECT'S DOOR SCHEDULE. SHOP DRAWINGS AND PRODUCT DATA INDICATING:			PACKING AND MARKING: IN WITH PROPER FASTENINGS INDICATE THE CONTENTS A SHALL MEET AT THE JOB SI HARDWARE, FOR EXPLANAT
	 DOOR ELEVATIONS. LOCATION AND TYPE OF PROVISIONS IN DOORS FOR SCHEDULED HARDWARE ATTACHMENT. DOOR CONSTRUCTION SHOWING TYPE OF CORE, TYPE OF STILES, RAILS, AND INTERNAL BLOCKING FOR HARDWARE ATTACHMENT. 		В.	REQUIRED. REPLACEMENTS: IN THE EV REPLACEMENTS NECESSAF COST TO THE OWNER.
D.	COORDINATE THE WORK OF THIS SECTION WITH THE REQUIREMENTS OF FRAMES SPECIFIED IN OTHER SECTIONS.	1.6	OPERA	TION AND MAINTENANCE DA
1.3 WARRANT				TOOLS FOR MAINTENANCE: OWNER'S CONTINUED ADJU
A.	CONTRACTOR SHALL FURNISH THE DOOR MANUFACTURER'S WRITTEN CERTIFICATE GUARANTEEING THE DOORS AGAINST WARPAGE, DELAMINATION, TELEGRAPHING AND FAULTY MATERIALS FOR THE	1.7 KE		HARDWARE.
	"LIFE OF ORIGINAL INSTALLATIONS".		A.	GENERAL: SUPPLIER WILL M FINAL INSTRUCTIONS IN WR
PART 2 - PROE	LE MANUFACTURERS			PROVIDE LOCKS WITH SIX F
A.	ALGOMA HARDWOODS			GRAND MASTER KEYED AS
B.	EGGERS HARDWOOD PRODUCTS CORPORATION			 FOUR CHANGE KEYS SIX MASTER KEYS F
C.	GRAHAM			 SIX GRANDMASTER MATCH EXISTING KE
D.	MOHAWK			CONSTRUCTION MASTER KE
E.	VT INDUSTRIES			DELIVER ALL PERMANENT K
F. G.	WEYERHAEUSER CORPORATION OTHER MANUFACTURERS ARE ACCEPTABLE FOR REVIEW ONLY AFTER COMPLIANCE WITH THIS			CONTRACTOR'S PROJECT M AND ARCHITECT. THE GENE TIME AS DIRECTED BY THE
-	SECTION.			
2.2 NON-RATE A.	D DOORS DOOR CONSTRUCTION: NON-RATED DOORS SHALL BE FABRICATED TO MEET THE REQUIREMENTS			TEMPORARY CONSTRUCTION D53PD RHODES LOCK 626 "E VON DUPRIN 88 PANIC DEVI
Α.	OF NWMA I.S. I-80 SERIES AND AWI SECTION 1300, TYPE PC-5 DOORS, RATED DOOR SHALL MEET OR EXCEED THE REQUIREMENTS OF NFPA-80 FOR RATED DOORS AND FRAMES, INCLUDING THE FOLLOWING:		2 - PRODU RDWARE	JCTS
	 THICKNESS: 1-3/4" DOOR VENEERS: AS SPECIFIED UNDER "VENEER" IN THIS SECTION. CROSS BANDS: ONE PLY HARDWOOD VENEERS. CROSS BANDS CONCEALED AT EDGES. 1/16" HARDWOOD VENEERS. CROSS BANDS CONCEALED AT EDGES. (CROSS BANDS ARE ABSOLUTELY REQUIRED UNDER EACH FACE VENEER FROM ALL MANUFACTURERS). 			FINISH: PROVIDE US26D SAT AVAILABLE FOR THE SPECIF 1. LACQUER FINISH DO
	 CORE: MINIMUM 32 LB PER CUBIC FOOT AVERAGE DENSITY PARTICLEBOARD, ANSI A208.1 QUALITY. DROP-IN CORE NOT ACCEPTABLE. STILES: HARDWOOD; 1-1/2" HARDWOOD AT TOP AND BOTTOM. RAILS: 1-1/8 INCHES OTDEVELED 			KEYS: PROVIDE KEYS OF NI 1. STAMP KEY BOWS " 2. STAMP KEY BOWS V
	 STRIKE EDGES: BEVELED. PREFITTED TO FRAMES AT FACTORY: REQUIRED. BOTTOM OF DOORS: 5/8" MAXIMUM UNDERCUT EXCEPT WHERE 3/4" UNDERCUT IS SPECIFICALLY INDICATED IN THE DOOR AND FRAME SCHEDULE. PRE-MACHINED FOR SCHEDULED HARDWARE AT FACTORY. 	PART		ALL DOOR HANDLES SHALL
2.3 VENEER	10. FILE-WACHINED FOR SCHEDOLED HARDWARE AT FACTORY.		TALLATIO	
A.	INTERIOR DOORS:		A.	MOUNT HARDWARE UNITS A
	 WOOD VENEER: a. PREMIUM WITH GRADE A FACE, 5 PLY WOOD VENEER. b. SPECIES: WHITE BIRCH, ROTARY CUT. CONFIRM FACILITY STANDARD PRIOR TO 			HARDWARE" BY THE DOOR REQUIREMENTS, EXCEPT A GOVERNING REGULATIONS
	PLACING ORDER. 2. COLOR: PAINT SW 6990 CAVIAR BLACK, SATIN FINISH.			INSTALL EACH HARDWARE I RECOMMENDATIONS. COO SURFACE PROTECTION WIT
PART 3 - EXEC 3.1 INSPECTIC				INSTALL SURFACE-MOUNTE
A.	BEFORE INSTALLING DOORS, EXAMINE DOOR FRAMES AND VERIFY THAT FRAMES ARE OF CORRECT			SET UNITS LEVEL, PLUMB A ATTACHMENT SUBSTRATE A
B.	TYPE AND PROPERLY INSTALLED. IF CONDITIONS EXIST WHICH ARE UNSATISFACTORY FOR THE INSTALLATION OF DOORS,			DRILL AND COUNTERSINK U FASTENERS. SPACE FASTE
	CONTRACTOR SHALL BE NOTIFIED IMMEDIATELY IN WRITING. 1. DO NOT PROCEED WITH DOOR INSTALLATION UNTIL UNSATISFACTORY CONDITIONS ARE			
3.2 INSTALLAT	CORRECTED IN COMPLIANCE WITH CONTRACT DOCUMENTS.			
Α.	GENERAL: HANDLE DOORS WITH CLEAN GLOVES.	PART		GENERAL
	 DO NOT DRAG DOORS ACROSS DOORS. DO NOT DRAG DOORS ACROSS FLOOR. 	1.1	SUMMA A.	RY: Section Includes: Finish Hardw
В.	INSTALL DOORS IN ACCORDANCE WITH APPROVED SHOP DRAWINGS AND MANUFACTURER'S		74.	1. Door hardware for ste
	RECOMMENDATIONS. 1. DOORS SHALL BE INSTALLED PLUMB, AND FIT SQUARE IN FRAME WITH MAXIMUM DIAGONAL			 Door hardware for alu Door hardware for wo Door hardware for wo Door hardware for oth
	AND VERTICAL DISTORTION OF 1/16". 2. THE COMPLETED DOOR WORK SHALL BE COMPLETE WITH ACCESSORIES AS SPECIFIED IN		В.	5. Keyed cylinders as in Related Sections:
C.	THIS SECTION AND IN ACCORDANCE WITH CONTRACT DOCUMENTS.			 Division 6: Rough Car Division 8: Aluminum Division 8: Hollow Me
0.	1. 1/8" AT JAMBS AND HEADS.			 Division 8: Wood Doo Division 26 Electrical
	 1/8" AT MEETING STILES FOR PAIRS OF DOORS. AT THRESHOLDS: AS REQUIRED TO COMPLY WITH SCHEDULED DOOR HARDWARE. 		C.	6. Division 28: Electronic References: Comply with appli
D.	DOOR HARDWARE: INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 08712.			other specific requirements, the 1. Builders Hardware Ma 2. NEDA 101 Life Sefert
	 INSTALL DOOR HARDWARE WITHOUT FORCING, WITH PROPER CLEARANCES AND ALIGNMENT, SO THAT OPERATION IS SMOOTH AND EASY, FREE OF BINDING AND/OR TWISTING. STRENGTH OF DOOR SHALL NOT BE IMPAIRED WHEN CUTTING OR ALTERING DOOR FOR INSTALLATION OF HARDWARE. 			 NFPA 101 Life Safety NFPA 80 -Fire Doors ANSI-A156.xx- Variou UL10C - Positive Press ANSI-A117.1 - Access
3.3 ADJUSTING	G / CLEANING/ PROTECTING			 DHI /ANSI A115.IG - Florida Building Code
Α.	ADJUST DOORS AND HARDWARE.		D.	 Intent of Hardware Groups Should items of hardware year of the state o
	 REHANG OR REPLACE DOORS WHICH DO NOT SWING OR OPERATE FREELY, AS DIRECTED BY ARCHITECT. REFINISH OR REPLACE DOORS DAMAGED DURING INSTALLATION AS DIRECTED BY ARCHTIECT. 			 Where items of hardw statement of such om of bids for clarification
В.	CLEAN-UP HARDWARE AND ADJACENT SURFACES UPON COMPLETION.		E.	appropriate to the ser Allowances
	 DO NOT USE ABRASIVES OR LIQUID CLEANERS THAT WILL HARM PERMANENT FINISHES. PROTECT DOOR SURFACES AT ALL TIMES. 		F.	 Refer to Division 1 for Alternates Refer to Division 1 for
C.	2. PROTECT DOOR SURFACES AT ALL TIMES. PROTECTION: COMPLETED DOOR WORK SHALL BE PROTECTED FROM DAMAGE AND DETERIORATION	1.1	SUBSTI	TUTIONS:
C.	UNTIL FINAL ACCEPTANCE OF THE WORK.	1.2	a. Submit	Comply with Division 1. TALS:
			А. В.	Comply with Division 1. Special Submittal Requirement
			C.	understood and can be review. Product Data: Manufacturer's s 1. Detailed specification

			1.	awings - Hardware Schedule: Submit 6 complete reproducible copy List groups and suffixes in proper sequence. Completely describe door and list architectural door number.
A AND SCHEDULES.			3. 4.	Manufacturer, product name, and catalog number. Function, type, and style.
E: COMPLETE MATERIALS LIST OF ALL ITEMS PROPOSED TO BE (ERED UNDER THIS SECTION.			5. 6.	Size and finish of each item. Mounting heights.
DDUCT DATA: INDICATING FULL COMPLIANCE WITH REQUIREMENTS OF			8.	Explanation of abbreviations and symbols used within schedule. Detailed wiring diagrams, specially developed for each opening, ind and door and frame rough-ins required for specific opening.
			Template	es: Submit templates and "reviewed Hardware Schedule" to door an
G: INDIVIDUALLY PACKAGE EACH UNIT OF FINISH HARDWARE, COMPLETE INGS AND APPURTENANCES, CLEARLY MARKED ON THE OUTSIDE TO		C.	Samples	Templates, wiring diagrams and "reviewed Hardware Schedule" of : (If requested by the Architect)
ITS AND SPECIFIC LOCATIONS IN THE WORK. THE HARDWARE SUPPLIER DB SITE WITH THE INSTALLER PRIOR TO COMMENCING INSTALLATION OF			2.	 sample of Lever and Rose/Escutcheon design, (pair). samples of metal finishes Closeout Submittals: Comply with Division 1 including specific requ
ANATION OF PACKING, LABELING AND HARDWARE SCHEDULE DATA, IF		D.	1.	Operating and maintenance manuals: Submit 3 sets containing the a. Complete information in care, maintenance, and adjustment
HE EVENT OF DAMAGE, IMMEDIATELY MAKE ALL REPAIRS AND				b. Catalog pages for each product.c. Name, address, and phone number of local representative
SSARY TO THE APPROVAL OF THE ARCHITECT AND AT NO ADDITIONAL				d. Parts list for each product. Copy of final hardware schedule, edited to reflect, "As installed". Copy of final keying schedule
			4. 5.	As installed "Wiring Diagrams" for each piece of hardware connecte One set of special tools required for maintenance and adjustment o
E DATA NCE: FURNISH A COMPLETE SET OF SPECIALIZED TOOLS AS NEEDED FOR	1.2		Comply v	ANCE with Division 1. Exterior Openings Severe Windstorm Components testing: Listed a
ADJUSTMENT, MAINTENANCE AND REMOVAL AND REPLACEMENT OF BUILDERS				based on testing according to ANSI A250.13. Further compliance w Statement of qualification for distributor and installers.
			4.	Statement of compliance with regulatory requirements and single so Distributor's Qualifications: Firm with 3 years experience in the distr
/ILL MEET WITH OWNER TO FINALIZE KEYING REQUIREMENTS AND OBTAIN N WRITING.				 a. Distributor to employ full time Architectural Hardware Cons b. Hardware Schedule shall be prepared and signed by an Al Installer's Qualifications: Firm with 3 years experienced in installation
SIX PIN TUMBLER CYLINDERS, KEYED, KEYED ALIKE, MASTER KEYED AND			6.	Regulatory Label Requirements: Provide testing agency label or sta a. Provide UL listed hardware for labeled and 20 minute oper
D AS DIRECTED BY ARCHITECT, INCLUDING THE FOLLOWING: KEYS FOR EACH CYLINDER.		D	7. Deview [b. Underwriters Laboratories requirements have precedence Single Source Responsibility: Except where specified in hardware s
EYS FOR EACH MASTER KEY GROUP. STER KEYS FOR EACH GRANDMASTER KEY GROUP.	1.3		notify the	Project for extent of finish hardware required to complete the Work. Architect in writing and furnish hardware in compliance with the Sp RAGE, AND HANDLING
			Packing 1.	and Shipping: Comply with Division 1. Deliver products in original unopened packaging with legible manuf
ER KEY FEATURE: SHALL PERMIT VOIDING OF CONSTRUCTION KEYS :YLINDER.			3.	Package hardware to prevent damage during transit and storage. Mark hardware to correspond with "reviewed hardware schedule". Deliver hardware to door and frame manufacturer upon request.
ENT KEYS, MASTER KEYS AND GRAND MASTER KEYS, TO THE GENERAL ECT MANAGER, WITH CARBON COPY OF THE TRANSMITTAL TO THE OWNER	1.2	B. PROJEC	Storage	and Protection: Comply with manufacturer's recommendations.
GENERAL CONTRACTOR SHALL DELIVER KEYS TO THE OWNER AT SUCH THE ARCHITECT, WITH COPIES OF THE TRANSMITTAL TO THE ARCHITECT.		Α.	Coordina as neces	ate hardware with other work. Furnish hardware items of proper desi ssary for the proper installation and function, regardless of omissions
JCTION ACCESS DOORS SHALL HAVE THE FOLLOWING HARDWARE; SCHLAGE	1.3	WARRA	NTY:	Shop Drawings for doors and entrances to confirm that adequate pro
626 "E" KEYWAY, KEYING "O" BIT, LCN 4041 DOOR CLOSER AND DEVICE.			Manufac	turer's Warranty: Closers: Ten years
			2. 3.	Exit Devices: Three Years Locksets & Cylinders: Three years
	1.4		S INSTR	All other Hardware: Two years. RUCTION: Dwner's personnel in operation and maintenance of hardware units.
D SATIN FINISH CHROME FOR HARDWARE. WHERE US26D IS NOT PECIFIED ITEM, PROVIDE FINISH TO MATCH.	1.5	MAINTEI	NANCE:	rvice Materials: Deliver to Owner extra materials from same product
SH DOOR CLOSERS TO MATCH LOCKSET.			Comply v 1.	with Division 1 Closeout Submittals Section. Special Tools: Provide special wrenches and tools applicable to eac
DF NICKEL SILVER ONLY.			3.	Maintenance Tools: Provide maintenance tools and accessories su Delivery, Storage and Protection: Comply with Owner's requirement ance Service: Submit for Owner's consideration maintenance service
WS "DO NOT DUPLICATE". WS WITH CHANGE NUMBER.	PART 2 2.1		PRODU	CTS
HALL BE LEVERED TO MEET A.D.A. REQUIREMENTS.				wing manufacturers are approved subject to compliance with require cordance with Division 1.
				Approved:
	<u>Item</u> : Hinges	<u>Manufac</u> Stanley	urer:	<u>Approveu</u> .
ITS AT HEIGHTS INDICATED IN "RECOMMENDED LOCATIONS FOR BUILDERS'		Stanley s		Comm. Best
IITS AT HEIGHTS INDICATED IN "RECOMMENDED LOCATIONS FOR BUILDERS' OOR AND HARDWARE INSTITUTE (DHI) AND IN COMPLIANCE WITH ADA PT AS OTHERWISE SPECIFICALLY INDICATED OR REQUIRED TO COMPLY WITH	Hinges Lockset Cylinde Exit Dev	Stanley s rs /ices	Stanley (Best Cor Precisior	Comm. Best max™
OOR AND HARDWARE INSTITUTE (DHI) AND IN COMPLIANCE WITH ADA	Hinges Lockset Cylinde Exit Dev Closers Push/Po Protecti	Stanley s rs vices Stanley [ull Plates on Plates	Stanley (Best Cor Precisior)-4550 Trimco Trimco	Comm. Best max™ Burns, Don-Jo Burns, Don-Jo
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OOR AND HARDWARE INSTITUTE (DHI) AND IN COMPLIANCE WITH ADA PT AS OTHERWISE SPECIFICALLY INDICATED OR REQUIRED TO COMPLY WITH IONS AND EXCEPT AS MAY BE OTHERWISE DIRECTED BY THE ARCHITECT. ARE ITEM IN COMPLIANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND COORDINATE REMOVAL, STORAGE AND REINSTALLATION OR APPLICATION OF N WITH FINISHING WORK SPECIFIED IN THE DIVISION 9 SECTIONS. DO NOT JNTED ITEMS UNTIL FINISHES HAVE BEEN COMPLETED ON THE SUBSTRATE. MB AND TRUE TO LINE AND LOCATION. ADJUST AND REINFORCE THE ATE AS NECESSARY FOR PROPER INSTALLATION AND OPERATION. INK UNITS WHICH ARE NOT FACTORY-PREPARED FOR ANCHORAGE ISTENERS AND ANCHORS IN CCORDANCE WITH INDUSTRY STANDARDS.	Hinges Lockset Cylinde Exit Dev Closers Push/Pu Protecti Door St Flush B Coordin Thresho	Stanley s rs Stanley I ull Plates on Plates ops olts ator & Bra old & Gask MATERI/ A.	Stanley (Best Cor Precisior 0-4550 Trimco Trimco Trimco ckets teting ALS: Hinges: S 1. 2. 3. 4. 5. 6. 7. 8. 9.	Comm. Best max [™] Burns, Don-Jo Burns, Don-Jo Burns, Don-Jo ABH, Burns Trimco ABH, Burns National Guard Reese, K.N. Crowder Shall be Five Knuckle Ball bearing hinges Template screw hole locations Bearings are to be fully hardened. Bearing shell is to be consistent shape with barrel. Minimum of 2 permanently lubricated non-detachable bearings on s Equip with easily seated, non-rising pins. Non Removable Pin screws shall be slotted stainless steel screws. Hinges shall be full polished, front, back and barrel. Hinge pin is to be fully plated. Bearing assembly is to be installed after plating.
OOR AND HARDWARE INSTITUTE (DHI) AND IN COMPLIANCE WITH ADA PT AS OTHERWISE SPECIFICALLY INDICATED OR REQUIRED TO COMPLY WITH IONS AND EXCEPT AS MAY BE OTHERWISE DIRECTED BY THE ARCHITECT. ARE ITEM IN COMPLIANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND COORDINATE REMOVAL, STORAGE AND REINSTALLATION OR APPLICATION OF VITH FINISHING WORK SPECIFIED IN THE DIVISION 9 SECTIONS. DO NOT JNTED ITEMS UNTIL FINISHES HAVE BEEN COMPLETED ON THE SUBSTRATE. MB AND TRUE TO LINE AND LOCATION. ADJUST AND REINFORCE THE ATE AS NECESSARY FOR PROPER INSTALLATION AND OPERATION. INK UNITS WHICH ARE NOT FACTORY-PREPARED FOR ANCHORAGE	Hinges Lockset Cylinde Exit Dev Closers Push/Pu Protecti Door St Flush B Coordin Thresho	Stanley s rs Stanley I ull Plates on Plates ops olts ator & Bra old & Gask MATERI/ A.	Stanley (Best Cor Precision 0-4550 Trimco Trimco Trimco ckets teting ALS: Hinges: S 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	Comm. Best max [™] Burns, Don-Jo Burns, Don-Jo Burns, Don-Jo Burns, Don-Jo ABH, Burns Trimco ABH, Burns National Guard Reese, K.N. Crowder Shall be Five Knuckle Ball bearing hinges Template screw hole locations Bearings are to be fully hardened. Bearing shell is to be consistent shape with barrel. Minimum of 2 permanently lubricated non-detachable bearings on s Equip with easily seated, non-rising pins. Non Removable Pin screws shall be slotted stainless steel screws. Hinges shall be full polished, front, back and barrel. Hinge pin is to be fully plated. Bearing assembly is to be installed after plating. Sufficient size to allow 180-degree swing of door Furnish five knuckles with flush ball bearings Provide hinge type as listed in schedule.
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DOR AND HARDWARE INSTITUTE (JHI) AND IN COMPLIANCE WITH ADA PT AS OTHERWISE SPECIFICALLY INDICATED OR REQUIRED TO COMPLY WITH HONS AND EXCEPT AS MAY BE OTHERWISE DIRECTED BY THE ARCHITECT. ARE ITEM IN COMPLIANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND COORDINATE REMOVAL, STORAGE AND REINSTALLATION OR APPLICATION OF WITH FINISHING WORK SPECIFIED IN THE UNISION S SECTIONS. DO NOT UNTED TIMENT WITH FINISHING WORK SPECIFIED IN THE UNISION S SECTIONS. DO NOT UNTED TIMENT WITH FINISHING WORK SPECIFIED IN THE UNISION S SECTIONS. DO NOT UNTED TIMENS UNTIL FINISHES HAVE BEEN COMPLETED ON THE SUBSTRATE. WE AND TRUE TO LINE AND LOCATION. ADJUST AND REINPORCE THE AT E AS INECESSARY FOR PROPER INSTALLATION AND OPERATION. INK UNITS WHICH ARE NOT FACTORY-PREPARED FOR ANCHORAGE ISTENERS AND ANCHORS IN CCORDANCE WITH INDUSTRY STANDARDS. SECTION 08 71 00 DOOR HARDWARE tardware for door openings, except as otherwise specified herein. or statel (hollow metal) doors. or aduminum doors. or wood doors. or wood doors. or wood doors. or wood doors. or other doors indicated. as indicated. h Garpentry. Inum Doors and Frames. 1 Doors. Hoad Frames. Metal Doors and Frames. Note Security applicable requirements of the following standards. Where these standards conflict with ts, the most restrictive shall govern. tread Total Security Securition (BHMA) isatey Code Doors and Windows farlows for finish Hardware Pressure Fire Test of Door Assemblies Cores and Windows Cafest en Hundrane (MOA) for extentor openings. Codes for Hu	Hinges Lockset Cylinde Exit Dev Closers Push/Pu Protecti Door St Flush B Coordin Thresho	Stanley s srs Vices Stanley I ull Plates on Plates olts ator & Bra old & Gask MATERI/ A. B.	Stanley (Best Cor Precision D-4550 Trimco Trimco Trimco Ckets teting ALS: Hinges: S ALS: 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. Cylindric 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. Cylindric 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. Cylindric 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 7. 8. 9. 10. 11. 12. 13. 14. 15. 7. 8. 9. 10. 11. 12. 13. 14. 15. 7. 8. 9. 10. 11. 12. 13. 14. 15. 7. 8. 9. 10. 11. 12. 13. 14. 15. 7. 8. 9. 10. 11. 12. 13. 14. 15. 7. 8. 9. 10. 11. 12. 13. 14. 15. 7. 8. 9. 10. 11. 12. 13. 14. 15. 7. 8. 9. 10. 11. 12. 13. 14. 15. 7. 8. 9. 10. 11. 12. 13. 14. 15. 7. 8. 9. 10. 11. 12. 13. 14. 15. 7. 8. 9. 10. 11. 12. 13. 14. 15. 7. 8. 9. 10. 11. 12. 13. 14. 15. 15. 17. 12. 13. 14. 15. 17. 14. 15. 17. 11. 12. 13. 14. 15. 17. 11. 12. 13. 14. 15. 17. 12. 13. 14. 15. 17. 12. 13. 14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	Comm. Best max [™] Burns, Don-Jo Burns, Don-Jo Burns, Don-Jo Burns, Don-Jo Burns, Don-Jo ABH, Burns Trimco ABH, Burns Trimco ABH, Burns Trimco ABH, Burns Trimco ABH, Burns Template screw hole locations Bearings are to be fully hardened. Bearing ster to be fully hardened. Bearing ster to be fully hardened. Bearing ster to be fully ploted. Bearing ster to be fully ploted. Bearing assembly is to be consistent shape with barrel. Minimum of 2 permanently lubricated non-detachable bearings on s Equip with easily seated, non-rising pins. Non Removable Pin screws shall be slotted stainless steel screws. Hinges shall be full polished, front, back and barrel. Hinge pin is to be fully plated. Bearing assembly is to be installed after plating. Sufficient size to allow 180-degree swing of door Furnish five knuckles with flush ball bearings Provide hinge type as listed in schedule. Furnish 3 hinges per leaf to 7 foot 6 inch height. Add one for each a Tested and approved by BHMA for all applicable ANSI Standards for UL 10C listed for Fire rated doors. al Type Locks and Latchsets: Tested and approved by BHMA for ANSI A156.2, Series 4000, Ope Provide 9001-Quality Management and 14001-Environmental Mana Fit modified ANSI A115.2 door preparation. Locksets to have anti-rotational studs that are thru-bolted Keyed lever shall not have exposed "keeper" hole Each lever to have independent spring mechanism controlling it 2-3/4 inch (70 mm) backset 9/16 inch (14 mm) throw latchbolt Provide locksets with 7-pin removable and interchangeable core cy Hub, side plate, shrouded rose, locking pin to be a one-piece castir. Provide locksets with 7-pin removable and interchangeable core cy Hub, side plate, shrouded rose, locking pin to be a one-piece castir. Core face must be the same finish as the lockset. Functions and design as indicated in the hardware groups. Ces: Exit devices to meet or exceed BHMA for ANSI 156.3, Grade 1. Exit devices to have stainless steel deadlocking %" through latch bb Ex
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te reproducible copy of detailed hardware schedule in a vertical format.

for each opening, indicating all electric hardware, security equipment and access control equipment,

Schedule" to door and frame supplier and others as applicable to enable proper and accurate sizing and dware Schedule" of electrical terms to electrical for coordination and verification of voltages and locations.

cluding specific requirements indicated.

3 sets containing the following. nance, and adjustment, and data on repair and replacement parts, and information on preservation of finishes. f local representative for each manufacturer.

of hardware connected to power, both low voltage and 110 volts. nce and adjustment of hardware, including changing of cylinders.

ents testing: Listed and labeled by a testing and inspecting agency acceptable to authority having jurisdiction, Further compliance with Florida Building Codes for Hurricane (NOA) for Exterior Openings.

rements and single source responsibility.

xperience in the distribution of commercial hardware. tural Hardware Consultants (AHC) for the purpose of scheduling and coordinating hardware and establishing keying schedule.

d and signed by an AHC. erienced in installation of similar hardware to that required for this Project, including specific requirements indicated.

g agency label or stamp on hardware for labeled openings. and 20 minute openings in conformance with requirements for class of opening scheduled.

nts have precedence over this specification where conflict exists.

ecified in hardware schedule, furnish products of only one manufacturer for each type of hardware. complete the Work. Where there is a conflict between these Specifications and the existing hardware,

mpliance with the Specification unless otherwise directed in writing by the Architect.

ng with legible manufacturer's identification. ransit and storage.

e items of proper design for use on doors and frames of the thickness, profile, swing, security and similar requirements indicated, gardless of omissions or conflicts in the information on the Contract Documents. irm that adequate provisions will be made for the proper installation of hardware.

ce of hardware units.

Is from same production run as products installed. Package products with protective covering and identify with descriptive labels.

pols applicable to each different or special hardware component. s and accessories supplied by hardware component manufacturer. Owner's requirements for delivery, storage and protection of extra service materials. maintenance service agreement for electronic products installed.

mpliance with requirements of the Contract Documents. Approval of manufacturers other than those listed shall

chable bearings on standard weight hinge and 4 permanently lubricated bearing on heavy weight hinges. ainless steel screws.

t. Add one for each additional 30 inches in height or fraction thereof. ble ANSI Standards for type, size, function and finish

6.2, Series 4000, Operational Grade 1, Extra-Heavy Duty, and be UL10C listed. -Environmental Management.

cturer to maintain complete lockset warranty

iece construction made of a hardened steel alloy removed, by authorized control key erchangeable core cylinders

be a one-piece casting with a shrouded locking lug. ninimum 1400 inch pounds of torque. In excess of that, a replaceable part will shear.

r by a recognized independent laboratory for mechanical operational testing to 9 million cycles minimum with inspection confirming el, zinc dichromate. g ¾" through latch bolt.

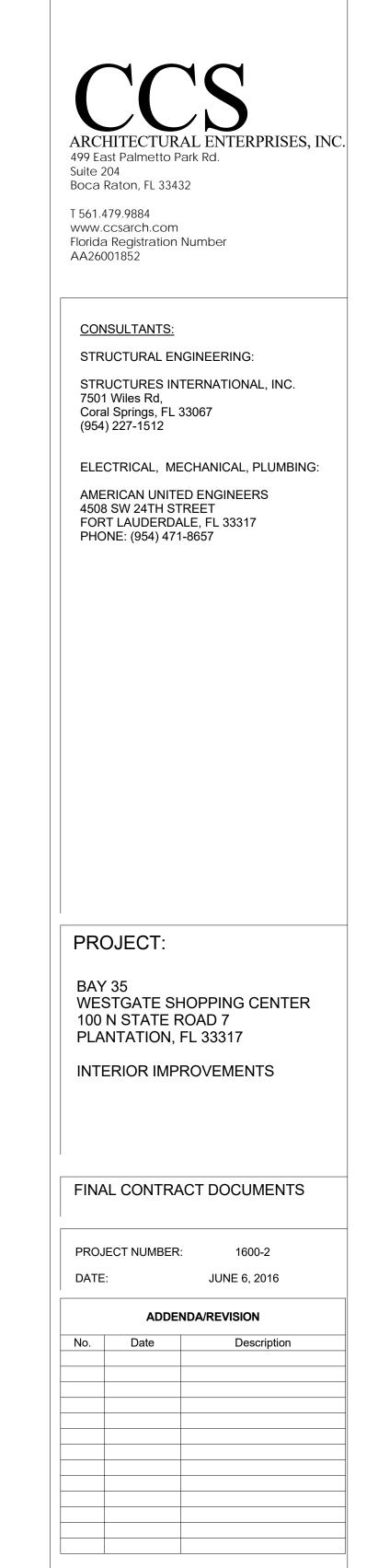
n turn hex key dogging. ectural metal with matching metal end caps. to have a $\frac{1}{4}$ " clearance to allow for vision frames. rchitectural metals and "true" architectural finishes.

BC 7-2. UL tested for Accident Hazard. less steel with black powder coated finish.

with heavy duty investment cast stainless steel components and extra strength shock absorbing overload springs. to match locksets and latchsets. -Environmental Management.

proved contingent on meeting or exceeding the above performance criteria: red by Stanley Security Solutions

ars, rings & springs as recommended by the manufacturer for proper installation. as required to operate all locksets and other keyed hardware items listed in the hardware sets.



SEAL:

CYNTHIA C. SPRAY, AIA AR-94167 DRAWING TITLE:

> PROJECT SPECIFICATIONS

DRAWING NO: A10.1