SECTION 8D FINISH HARDWARE

8D.01 GENERAL: COMPLY WITH ALL OF THE CONTRACT DOCUMENTS. 8D.02 SCOPE OF WORK: REFER TO "DIVISION SCOPE OF WORK" 8D.03 GENERAL REQUIREMENTS

A. THIS CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR EXAMINATION OF THE DRAWINGS, FIELD CONDITIONS AND FOR THE PREPARATION OF HIS OWN HARDWARE SCHEDULE. HE SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE QUANTITIES, SIZES, FINISH, AND PROPER HARDWARE TO BE FURNISHED WHETHER SPECIFICALLY MENTIONED OR NOT. HARDWARE NOT LISTED, MUST BE FURNISHED TO MATCH OTHER HARDWARE IN SIMILAR OPENINGS.

B. ALL HARDWARE SHALL BE COMPLETE WITH SCREWS, STRIKES ETC., INDIVIDUALLY PACKED AND MARKED BY THE HARDWARE MANUFACTURER.

C. TEMPLATES OF HARDWARE INSTALLATION SHALL BE FURNISHED FOR DOOR AND/OR FRAME BY THE HARDWARE MANUFACTURER AS DIRECTED BY THE GENERAL CONTRACTOR.

D. WHEREVER FIRE RATED DOORS ARE SPECIFIED, THEIR HARDWARE SHALL CONFORM TO THE RATING REQUIREMENTS OF THE DOOR. ALL DOORS MARKED FPSC ARE SCHEDULED WITH EITHER SPRING HINGES OR BUTTS WITH DOOR CLOSERS PROPERLY ADJUSTED AND SHALL MEET REQUIREMENTS OF NFPA 80.

8D.04 REFERENCES

A. FINISH HARDWARE IN THIS SECTION SHALL MEET THE FOLLOWING STANDARDS AS ESTABLISHED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE, INC. (ANSI) WHICH IS SPONSORED BY THE BUILDERS HARDWARE MANUFACTURERS ASSOCIATION, INC. (BHMA). PRODUCT TESTS ARE TO BE ADMINISTERED BY ETL TESTING LABORATORIES. INC., UNDERWRITERS LABORATORIES, OR OTHER OFFICIAL TESTING LABORATORIES, WHICH HAVE BEEN DESIGNATED BY BHMA OR THE TESTING OF ANSI STANDARDS. THE STANDARDS LATEST REVISION WILL BE IN EFFECT.

B. MATERIALS AND FINISHES:

BUTTS & HINGES ANSI A156.01 GRADE 1
LOCKS & LOCK TRIMS ANSI A156.02 GRADE 1
DOOR CONTROLS – CLOSERS ANSI A156.04 GRADE 1 ARCHITECTURAL DOOR TRIM ANSI A156.06 GRADE 1
TEMPLATE HINGE DIMENSIONS ANSI A156.07 GRADE 1
DOOR CONTROLS – OVERHEAD HOLDER ANSI A156.08 GRADE 1
MORTISE LOCKS & LATCHES ANSI A156.13 GRADE 1 OPERATIONAL

PRIVACY LOCKS ANSI A125.2 GRADE 2

C. LISTED HARDWARE: HARDWARE WHICH IS TO BE INSTALLED IN OR ON FIRE LABELED DOORS AND FRAMES, CLASS A OR LESSER, SINGLE OR PAIRS, SHALL BE TESTED AND LISTED BY UNDERWRITERS LABORATORIES AND/OR WARNOCK HERSEY LABORATORIES DIVISION. EXIT DEVICES, WHICH ARE TO BE USED AS A PANIC HARDWARE SHALL BE TESTED AND LISTED IN UNDERWRITERS LABORATORIES "ACCIDENT EQUIPMENT LIST – PANIC HARDWARE". ALL LISTED HARDWARE SHALL COMPLY WITH NATIONAL FIRE PROTECTION ASSOCIATION NUMBER 80, AND PROPERLY STAMPED OR LABELED FOR EASY IDENTIFICATION.

8D.05 MISCELLANEOUS REQUIREMENTS

A. MORTISE LOCKSETS – ALL MORTISE LOCKSETS (LEVERS OR KNOBS) SHALL MEET THE REQUIREMENTS OF ANSI/BHMA A156.13, SERIES 1000, OPERATIONAL GRADE1, FEDERAL SPECIFICATION FF-H- 106C AND SHALL BE LISTED BY UNDERWRITER LABORATORIES FOR A AND LESSER LABEL DOORS. MORTISE LOCKS SHALL HAVE ALL FUNCTIONS AVAILABLE IN ONE SIZE CASE, MANUFACTURED FROM HEAVY GAUGE STEEL, MINIMUM THICKNESS 3/32", CHROME PLATED FOR CORROSION RESISTANCE AND LUBRICITY OF PARTS. THE HANDING OF ALL LOCKS SHALL BE REVERSIBLE WITHOUT THE DISASSEMBLY OF THE LOCK CASE. CASES ARE TO BE CLOSED ON ALL SIDES TO PROTECT INTERNAL PARTS. LOCKS ARE TO HAVE ADJUSTABLE, BEVELED AND ARMORED FRONTS, STANDARD 2 ¾" BASKET, A FULL ½" THROW TWO-PIECE STAINLESS STEEL ANTI-FRICTION LATCH BOLT, AND ONE-PIECE STAINLESS STEEL 1" THROW DEAD BOLT. ALL INTERNAL PARTS SHALL BE HEAVY GAUGE STEEL, ZINC DICHROMATE PLATED FOR CORROSION RESISTANCE.

B. CYLINDRICAL LOCKSETS – ALL CYLINDRICAL LOCKSETS (LEVERS OR KNOBS) SHALL MEET THE REQUIREMENTS OF ANSI/BHMA A125.2 SERIES 4000 GRADE 2, FEDERAL SPECIFICATION FF-H- 106C, SERIES 160 AND SHALL BE LISTED BY UNDERWRITER LABORATORIES FOR A AND LESSER LABEL DOORS.
NOTE: TUBULAR TYPE CONSTRUCTION OF GRADE 2 LOCKSETS WILL NOT BE ACCEPTED.

C. CYLINDERS - ALL CYLINDERS SHALL HAVE SIX (6) PINS.

D. SPECIAL TOOLS

1. FURNISH THREE PIECES OF EACH TYPE OF SPECIAL TOOL NECESSARY FOR THE ADJUSTMENT OR INSTALLATION OF HARDWARE ITEMS.

E. DOOR STOPS

1. ALL SWINGING DOORS OPENING AGAINST A BUILDING WALL, PARTITION ETC., SHALL BE PROVIDED WITH A DOORSTOP. STOPS TO BE AS SPECIFIED, OR AS APPROPRIATE TO SUIT FIELD CONDITIONS.

F. SILENCERS

1. PROVIDE 3 RUBBER SILENCERS ON DOOR FRAMES THAT HAVE SELF-CLOSING HINGES AND DOOR CLOSERS.

G. KEYING

1. ALL CYLINDERS SHALL BE KEYED INTO EXISTING MASTER KEY SYSTEM.

2. LOCKSETS, EXIT DEVICES, AND CYLINDERS SHALL BE OF THE SAME MANUFACTURER AS EXISTING IN PLACE TO ASSURE PROPER OPERATION.

3. THE PERMANENT KEYS SHALL BE SENT TO THE OWNER AND/OR OWNER'S REPRESENTATIVE AS DIRECTED.

8D.06 HARDWARE SCHEDULES

A. COMPLETE SCHEDULE AND NECESSARY MANUFACTURER'S DATA (CATALOG CUTS) ON EACH HARDWARE ITEM PROPOSED SHOULD BE SUBMITTED FOR APPROVAL BY ARCHITECT/ENGINEER.

8D.07 ACCEPTABLE MANUFACTURERS

1. LOCKSETS/LATCH SETS;
MATCH EXISTING IN PLACE LOCKSETS
2. HINGES;
a. STANLEY AND HAGER.
3. CLOSERS;
a. ARROW, LCN, NORTON, SARGENT AND THOMAS IND.

C. FINISHES

1. BUTTS HINGES - S.S.

2. LOCKS AND LATCH SETS, KICK PLATES (WHERE INDICATED) SHALL BE – DULL STAINLESS STEEL (US32D) OR AS INDICATED IN DOOR SCHEDULE.

8D.08 LOCATION OF HARDWARE

A. TOP BUTT HINGES - TOP BUTT HINGES FOR ALL DOORS SHOULD BE 5" DISTANCE FROM HEAD OF DOOR RABBET TO TOP EDGE OF BUTT HINGE.

B. BOTTOM BUTT HINGES - BOTTOM BUTT HINGES FOR ALL DOORS WITH OR WITHOUT SADDLES SHOULD BE 10" DISTANCE FROM FINISHED FLOOR LINE TO BOTTOM EDGE OF BUTT HINGE, EXCEPT AS FOLLOWS:

1. WHERE FLOOR LEVELS VARY AT BOTH SIDES OF DOOR, BOTTOM BUTT HINGE SHOULD BE LOCATED TO CONFORM TO THOSE ON ADJACENT DOORS.

2. WHERE DOOR OPENING HAS TRIM ON FOUR SIDES, BOTTOM BUTT HINGE SHOULD BE 5" DISTANCE FROM SILL JAMB RABBET TO BOTTOM EDGE OF BUTT HINGE.

3. WHERE CURB OCCURS AT EXTERIOR OR INTERIOR DOOR, BOTTOM HINGE SHOULD BE 10" DISTANCE FROM TOP OF FLUSH SADDLE OR TOP OF SADDLE RABBET TO BOTTOM EDGE OF BUTT HINGE.

C. INTERMEDIATE BUTT HINGES - INTERMEDIATE BUTT HINGES FOR ALL DOORS, WHERE SPECIFIED, SHOULD BE EQUALLY SPACED BETWEEN TOP AND BOTTOM BUTT HINGES.

D. HINGE SIZE - SIZES OF HINGES SHALL BE AS FOLLOWS (BASED ON WIDTH OF DOORS): DOOR THICKNESS DOOR WIDTH HINGE HEIGHT HINGE WIDTH *

* WIDTH OF HINGES SHALL BE THE MINIMUM, WHICH WILL PROVIDE CLEARANCE OF TRIM AND PERMIT 180-DEGREE SWING.
** EXTRA HEAVY BALL BEARINGS

E. NUMBER OF HINGES - QUANTITIES OF HINGES PER DOOR LEAF, BASED ON DOOR HEIGHT SHALL BE;
1. FOR DOORS 5 FEET TO 7'-6" HIGH - 1 1/2 PAIRS

F. DOOR LEVERS - UNLESS OTHERWISE SCHEDULED, ALL DOOR LEVERS SHOULD BE CENTERED 3'-2" FROM THE FINISHED FLOOR INCLUDING LEVERS FOR DOORS ABOVE CURBS. FOR EXTERIOR DOORS WITH ACCESS BY INTERIOR STAIRS, THE FINISHED FLOOR SHOULD BE TAKEN AS THE TOP OF THE PLATFORM OR TREAD. ALL LEVERS SHALL BE SCREW-LESS TYPE.

8D.09 DELIVERY OF HARDWARE, PACKING AND STORAGE

A. ALL ITEMS OF HARDWARE DELIVERED TO THE JOB SITE SHALL BE COMPLETELY PACKAGED WITH ALL NECESSARY SCREWS, BOLTS, MISCELLANEOUS PARTS, INSTALLATION INSTRUCTIONS, AND WHERE NECESSARY MANUFACTURER'S INSTALLATION TEMPLATES. THEY ARE TO BE CLEARLY LABELED, TO CONVENIENTLY IDENTIFY THEM AND THEIR INTENDED LOCATION IN THE BUILDING.

B. FINISH HARDWARE SHALL BE STORED IN A DRY, LOCKED STORAGE SPACE, COMPLETE WITH SHELVING FOR THE PURPOSE OF UNPACKING, SORTING OUT AND CHECKING.

C. ITEMS DAMAGED IN SHIPMENT SHALL BE REPLACED PROMPTLY WITH PROPER MATERIAL, AND WITHOUT ADDITIONAL COST TO THE OWNER.

D. ALL HARDWARE SHALL BE HANDLED IN MANNER TO MINIMIZE MARRING OR SCRATCHING.

8D.11 INSTALLATIONS

A. FIT, ADJUST AND SECURE EACH ITEM NEATLY AND FIRMLY IN PLACE IN PERFECT WORKING ORDER.

B. LATCH BOLTS SHALL BE INSTALLED TO AUTOMATICALLY ENGAGE IN STRIKES WHEN THE DOOR CLOSES. IN NO CASE SHALL ADDITIONAL PRESSURE BE REQUIRED TO ENGAGE LATCH BOLT STRIKE.

C. SET STOPS AND HOLDERS FOR SWINGS INDICATED ON THE DRAWINGS.

D. ADJUST ALL SPRING HINGES AND AUTOMATIC DOOR CLOSERS FOR PROPER SMOOTH OPERATIONS.

C. COPE END OF THRESHOLDS NEATLY TO PROFILE OF JAMBS. THRESHOLDS SHALL BE SET IN CAULKING COMPOUND AND ENDS SHALL BE SEALED TO JAMBS.

8D.12 GUARANTEES

A. GUARANTEE ALL ITEMS OF WORK FURNISHED AND INSTALLED UNDER THIS SECTION FOR (1) ONE YEAR, IN ADDITION TO MANUFACTURER'S STANDARD WARRANTIES. ALL GUARANTEES TO BE FROM THE DATE, WHEN **FINAL CERTIFICATE OF OCCUPANCY** IS ISSUED FROM DEPARTMENT OF BUILDINGS.

END OF SECTION

08 11 00 - METAL DOORS AND FRAMES
DIVISION 8

8A.01 GENERAL: COMPLY WITH ALL OF THE CONTRACT DOCUMENTS. 8A.02 SCOPE OF WORK: REFER TO "DIVISION SCOPE OF WORK" 8A.03 WORK NOT INCLUDED

A. FINISH HARDWARE BY SECTION 8D.

B. INSTALLATION OF FINISH HARDWARE BY SECTION 6B.

8A.04 HOLLOW METAL WORK MATERIALS

A. HOLLOW METAL DOOR FRAMES AND DOORS SHALL BE OF COLD ROLLED SHEET STEEL, AND WITH BRACING, SUPPORTS ETC., IN ACCORDANCE WITH ASTM A-7.

B. PRIME COAT AND FINISH COAT FOR HOLLOW METAL WORK SHALL BE RUST INHIBITING RESISTIVE TYPE AS APPROVED BY ARCHITECT/ENGINEER.

C. THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH THE REQUIREMENTS OF FINISH HARDWARE BY SECTION 8D.

D. PROVIDE ALL NECESSARY AND REQUIRED FIRE UNDERWRITER'S LABELS WHERE DESIGNATED IN THE SCHEDULE, AND THE PROPER HARDWARE FOR THE LABELED DOORS AND FRAMES.

E. GAUGES

1. METAL BUCKS

a. 18 U.S. GAUGE STEEL FOR INTERIOR WOOD DOORS.

2. HOLLOW METAL DOORS

a. 18 U.S. GAUGE STEEL FOR INTERIOR DOORS EXCEPT

F. ALL HOLLOW METAL FRAMES SHALL BE FILLED SOLID WITH CEMENT AT FIRE RATING OPENINGS.

G. KICK-PLATES OF HIGH PRESSURE LAMINATED PLASTIC SHALL BE PROVIDED WHERE INDICATED ON DOOR SCHEDULE. KICK-PLATES SHALL BE 2" LESS THAN WIDTH OF DOOR, TO NEAREST STOCK SIZE, 10" HIGH MINIMUM. EDGES SHALL BE BEVELED. KICK-PLATES SHALL BE PREDRILLED AND PRE- COUNTERSUNK AT ALL FOUR CORNERS AND AT LEAST EVERY 6" O.C. FURNISH TAMPERPROOF STAINLESS STEEL SCREWS FOR ATTACHMENT TO DOORS.

8A.05 SHOP DRAWINGS

A. SHOP DRAWINGS SHALL BE SUBMITTED TO ARCHITECT/ENGINEER, FOR APPROVAL FOR WORK SPECIFIED HEREIN, INCLUDING THE SCHEDULES, DETAILS ETC., AND CONTAINING INDICATED SIZES, GAUGES, ANCHORS, ATTACHMENTS ETC. APPROVAL OF SHOP DRAWINGS SHALL BE REQUIRED BEFORE FABRICATION AND DELIVERY TO JOB SITE. VERIFY DIMENSIONS OF OPENINGS AND THICKNESS OF PARTITIONS BEFORE FABRICATION.

8A.06 WORKMANSHIP

A. HOLLOW METAL WORK SHALL BE OF FIRST GRADE IN PROPERLY EQUIPPED FACTORY OR SHOP AND SHALL BE MANUFACTURED BY A RECOGNIZABLE FIRM. ALL FABRICATION WORK AS FAR AS POSSIBLE SHALL BE DONE IN SHOP; SHIPPING WORK FOR ERECTION ONLY TO THE JOB SITE. ALL FITTING AND ASSEMBLING SHALL BE MADE TO JOB TEMPLATES, SHOP ASSEMBLED AND GIVEN A TRIAL FIT FOR PROPER AND EXPEDITIOUS INSTALLATION AT JOB. ALL REQUIRED AND NECESSARY CONNECTIONS, FASTENINGS, HOLES ETC., SHALL BE PROVIDED FOR WORK OF OTHER CONTIGUOUS TRADES.

8A.07 GENERAL CONSTRUCTION

A. HOLLOW METAL DOORS SHALL BE CUSTOM MADE LOCK SEAM, FULLY WELDED, CONFORMING TO TYPES, SIZES, AND PROFILES NOTED, 1-3/4" THICK UNLESS OTHERWISE NOTED, COMPLETE WITH CUTOUTS AND REINFORCING IN ACCORDANCE WITH APPROVED SHOP DRAWINGS.

B. DOORS SHALL BE FLUSH TYPE, CONSTRUCTED OF TWO (2) PLATES OF SHEET STEEL, ASSEMBLED AND REINFORCED WITH 22 GAUGE HAT OR TRUSS SECTION VERTICAL STIFFENERS, SPACED 6" O.C., EXTENDING THE FULL HEIGHT OF THE DOOR AND SPOT WELDED TO BOTH DOOR PLATES NOT MORE THAN 4" O.C. TOPS AND BOTTOMS OF DOORS SHALL BE CLOSED WITH CONTINUOUS RECESSED 16 GAUGE STEEL CHANNELS SPOT WELDED TO BOTH FACES AT NOT OVER 3" O.C. THE OUTER VERTICAL EDGES OF SHEETS SHALL BE RETURNED AT EDGES TO A CLOSE AND ACCURATE FIT. SPACES BETWEEN VERTICAL STIFFENERS SHALL BE COMPLETELY FILLED WITH APPROVED TYPE INSULATION, TO ELIMINATE "METALLIC RING". CLOSURE CHANNELS SHALL BE SET FLUSH AS REQUIRED TO ACCOMMODATE WEATHER-STRIPPING.

C. ALL WELDS SHALL BE GROUND, FILLED, AND DRESSED SMOOTH TO MAKE THEM INVISIBLE AND PROVIDE A SMOOTH FLUSH FINISH.

D. DOORS SHALL BE FREE OF WIND, REINFORCED AT CORNERS AND ELSEWHERE SUFFICIENTLY TO PREVENT SAGGING OR TWISTING.

E. ALL HOLLOW METAL BUCKS, FOR HOLLOW METAL DOORS, SHALL BE FULLY WELDED UNITS CONFORMING TO FIRE RATING, GAUGES, SIZES AND PROFILES AS NOTED COMPLETED WITH CUT OUTS AND REINFORCEMENT. BUCKS SHALL HAVE BACK BENDS AND SHALL HAVE ADEQUATE ANCHORAGE AS APPROVED BY ARCHITECT/ENGINEER.

F. HOLLOW METAL WORK SHALL BE CAREFULLY MITERED AND WELDED TOGETHER WITH REINFORCEMENTS AS REQUIRED. SURFACES SHALL BE FREE FROM WAVE, BUCKLE, WARP OR OTHER IRREGULARITIES AND SHALL ACCURATELY FIT TOGETHER. MEMBERS SHALL BE IN PROPER ALIGNMENT WITH EDGES AND ARISES CLEAN AND STRAIGHT. ALL PARTS SHALL BE NEATLY MITERED OR COPED TO FORM THE PROPER ASSEMBLY. FACE JOINTING SHALL BE HAIRLINE AND ALL REINFORCEMENT SHALL BE CONCEALED, AS WELL AS MORTISES FOR HARDWARE, SINKAGES ETC., REQUIRED FOR ATTACHED WORK OR CONTIGUOUS TRADES. HARDWARE REINFORCEMENT OF SUFFICIENT THICKNESS AND PROPERLY SIZED SHALL BE ADDED TO RECEIVE BOLTS AND SCREWS FOR HARDWARE FASTENING. NECESSARY REINFORCEMENT SHALL BE ADDED TO STIFFEN DOOR AND FRAME WHERE STRESS AND THE CORRESPONDING STRAIN MAY BE TRANSMITTED THROUGH HARDWARE. HINGE SIDE OF DOOR AND DOOR FRAME SHALL BE REINFORCED CONTINUOUSLY (TOP TO BOTTOM) WITH 1/4" THICK PLATE. PLATE SHALL CONTINUOUSLY WELD TO DOOR AND DOOR FRAME. PROVIDE HEAD REINFORCEMENT FOR HOLLOW METAL FRAMES FOR 3'-0" WIDE DOORS AND FOR CLOSURE AT HEAD OF DOOR IF REQUIRED. MEMBERS SHALL BE MATCHED TO PRODUCE CONTINUITY OF LINE. SURFACES IN CONTRACT SHALL BE SMOOTH TRUE AND EVEN AND THE JOINTS SHALL BE PERFECTLY TIGHT.

G. PREPARATION SHALL BE MADE FOR HARDWARE ATTACHMENT AND OTHER WORK BY DRILLING AND TAPPING ALL NECESSARY MEMBERS, LOCATING SAME BY TEMPLATE. BUTTS AND REQUIRED SCREWS ARE TO BE SHIPPED TO THE JOB SITE. THIS CONTRACTOR SHALL COORDINATE THE WORK WITH ALL HARDWARE REQUIREMENTS.

H. THIS CONTRACTOR SHALL VERIFY ALL FINISHED PARTITION THICKNESS FOR SIZING THE FRAME WIDTHS AND EXISTING MASONRY OPENINGS FOR DOOR WIDTHS AND HEIGHTS.

I. PROVIDE FIRE RATED BUCKS AND DOORS WHERE REQUIRED. REFER TO DOOR SCHEDULE.

J. PROVIDE ADJUSTABLE FLOOR KNEES, CONSISTING OF CLIP ANGLES BOLTED TO PLATES, WELDED TO BOTTOM OF DOOR JAMBS. KNEES SHALL BE FASTENED TO SLAB OR WOOD SUB-FLOORING WITH TWO (2) 3/8" BOLTS. ADJUSTMENT SHALL BE NOT LESS THAN 2".

K. JAMB ANCHORS

1. FRAMES IN MASONRY WALLS SHALL BE PROVIDED WITH ADJUSTABLE JAMB ANCHORS, UNDERWRITER APPROVED, "T" STRAP OR STIRRUP AND STRAP TYPE. ANCHORS SHALL BE NOT LESS THAN 12" LONG, 2 1/2" WIDE, CORRUGATED AND/OR PERFORATED. STIRRUPS SHALL BE SPOT WELDED TO FRAMES FOR SUPPORT OF NON-REMOVABLE ANCHORS.

2. FRAMES FOR INSTALLATION AT GYPSUM DRYWALL METAL STUD PARTITIONS SHALL BE PROVIDED WITH STEEL ANCHORS NOT LESS THAN 18 GAUGE AND FLOOR CLIP ANGLES IN ACCORDANCE WITH THE APPROVED SHOP DRAWINGS.

3. ANCHORING OF FRAMES TO IN-PLACE CONCRETE, MASONRY OR STEEL SHALL BE ACCOMPLISHED WITH ANCHORS OF SUITABLE DESIGN IN ACCORDANCE WITH APPROVED SHOP DRAWINGS.

4. PROVIDE A MINIMUM OF THREE (3) ANCHORS PER JAMB FOR FRAMES 7'-0" HIGH AND UNDER, AND ONE (1) ADDITIONAL ANCHOR FOR EACH ADDITIONAL 30" OR LESS OF FRAME HEIGHT. POSITION ANCHORS AT LEVEL OF BUTTS AND LOCKS, OR AS DIRECTED. JAMB ANCHORS SHALL PERMIT PASSAGE OF ELECTRICAL CONDUIT AS REQUIRED BY JOB CONDITIONS, EXCEPT AT DRYWALL PARTITIONS.

8A.08 INSTALLATION

A. ALL HOLLOW METAL DOORS AND FRAMES SHALL BE INSTALLED BY THOROUGHLY EXPERIENCED MECHANICS. ANCHORS AND ATTACHMENTS SHALL BE SET AS DETAILED, NECESSARY AND REQUIRED, THOROUGHLY BEDDING SAME IN MORTAR, OR SECURING TO WOOD/METAL STUDS ETC. SURFACE FASTENINGS WILL NOT BE PERMITTED, UNLESS FOR SPECIAL CONDITIONS WITH ARCHITECT'S/ENGINEER'S APPROVAL. NO WORK SHALL BE ALTERED OR RESET WITHOUT ARCHITECT'S/ENGINEER'S EXPLICIT APPROVAL. ALL HARDWARE SHALL BE INSTALLED BY SKILLED MECHANICS BY SECTION 6B.

B. FRAMES SHALL BE DELIVERED ONLY WHEN CONDITIONS AT SITE ARE READY TO RECEIVE SAME AND SHALL BE DELIVERED TO THE JOB SITE IN GOOD CONDITION, COMPLETE AND READY FOR INSTALLATION.

8A.09 SHOP PAINTING OF HOLLOW METAL WORK

A. PREPARE ALL SURFACES CLEAN, REMOVE SCALE, DUST, GREASE OF FOREIGN MATERIAL. ALL SURFACES OF FRAMES AND DOORS SHALL THEN RECEIVE A THOROUGH BRUSH OR SPRAY COAT OF APPROVED TYPE RUST INHIBITING PAINT.

8A.10 PROTECTION

A. AFTER ERECTION, ALL WORK UNDER THIS SECTION SHALL BE PROTECTED TO AVOID DAMAGE OF ANY NATURE. ANY DAMAGED WORK SHALL BE REPLACED BY THIS CONTRACTOR. HE SHALL ALSO BE RESPONSIBLE FOR ADJACENT WORK THAT MAY BE INCIDENTALLY DAMAGED.

8A.11 COORDINATION

A. ALL WORK IN THIS SHALL BE COORDINATED WITH WORK OF CONTIGUOUS TRADES, SO THAT THIS AND THE ABUTTING OR CONNECTING WORK WILL HAVE PROPER FIT SATISFACTORY TO ARCHITECT/ENGINEER.

8A.12 GUARANTEES

A. GUARANTEE ALL ITEMS OF WORK FURNISHED AND INSTALLED UNDER THIS SECTION FOR (1) ONE YEAR, IN ADDITION TO MANUFACTURER'S STANDARD WARRANTIES. ALL GUARANTEES TO BE FROM THE DATE, WHEN **FINAL CERTIFICATE OF OCCUPANCY** IS ISSUED FROM DEPARTMENT OF BUILDINGS.

END OF SECTION

Berg+Moss Architects
BMA

BERG + MOSS ARCHITECTS PC
THE BEACON BUILDING
473 MAIN STREET No. 1
BEACON, NY 12508
T: 845 831 1318
INFO@BERGMOSS.COM

STRUCTURAL/ CIVIL ENGINEERS
COLLIERS ENGINEERING & DESIGN
555 Hudson Valley Ave, Ste 101
New Windsor, NY 12553

MECHANICAL ENGINEERS
LEGACY ENGINEERS
1001 Avenue of the Americas, 20th Floor
New York, NY 10018

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SPRING VALLEY VILLAGE

SPRING VALLEY POLICE LOCKER UPGRADES

DRAWING TITLE
SPECIFICATIONS-
DOORS, HARDWARE

DRAWING NO.
A-954.00

SEAL & SIGNATURE

ISSUE DATE: 9-27-23
SCALE:
DWG BY: Author
CHK BY: Checker

JOB NUMBER
-