

DIVISION 1 - GENERAL REQUIREMENTS

SEE PROJECT MANUAL

INCLUDES BIDDING DOCUMENTS, GENERAL AND SUPPLEMENTARY CONDITIONS.

DIVISION 2 - SITE WORK

SECTION 02070 - DEMOLITION

PART 1 - GENERAL

1.0 THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTIVE DEMOLITION, REMOVAL AND PROPER DISPOSAL OF MATERIALS REQUIRED TO COMPLETE THE CONTRACT PER THE PLANS AND SPECIFICATIONS.

PART 2 - PRODUCTS

NOT USED

PART 3 - EXECUTION

3.01 WORKMANSHIP: SELECTIVE DEMOLITION WORK SHALL BE CARRIED OUT SO THAT ADJACENT SURFACES AND STRUCTURES THAT ARE TO REMAIN ARE NOT DAMAGED.

3.02 PROTECTION OF EXISTING AREAS: PROVIDE SECURE BARRIERS TO PREVENT DUST INFILTRATION OR TRANSMISSION OF HARMFUL FUMES INTO OTHER PARTS OF THE BUILDING OR AREAS OF FLOORS WHERE DEMOLITION OPERATIONS ARE NOT TAKING PLACE. COVER EXISTING FLOORS, WALLS, AND ELEVATORS ALONG THE ROUTE WHERE DEBRIS WILL BE REMOVED FROM THE BUILDING TO PROTECT THEM FROM DAMAGE OR SOILING, INCLUDING SIDEWALKS. REPLACE PROTECTIVE MATERIALS WHENEVER THEY BECOME DAMAGED OR UNUSABLE.

3.01 MAINTAIN OCCUPANTS' ACCESS TO BUILDING ENTRANCES, FIRE ACCESS ROUTES, STAIRS, AND ELEVATORS AT ALL TIMES. NOTIFY BUILDING OWNER A MINIMUM OF 48 HRS. IN ADVANCE OF ANY SYSTEM SHUTDOWNS OR NEEDS FOR ACCESS TO OTHER TENANT SPACES.

3.03 CLEANING: CLEAN AFFECTED AREAS OF THE OCCUPIED BUILDING DAILY. DO NOT ALLOW DEBRIS OR TRASH TO ACCUMULATE IN COMMON AREAS.

DIVISION 3 - CONCRETE

NOT USED

DIVISION 4 - MASONRY

SECTION 04200 - UNIT MASONRY

PART 1 - GENERAL

1.01 SUMMARY: CUT AND PATCH CONCRETE MASONRY WHERE INDICATED FOR INSTALLATION OF NEW WINDOWS. INCLUDE ACCESSORIES AS INDICATED FOR A COMPLETE INSTALLATION. SEE DIV. 7 FOR FLASHING AND SEALANTS.

1.02 PRODUCT HANDLING: DELIVER, HANDLE AND STORE MASONRY UNITS AND ACCESSORIES BY MEANS WHICH WILL PREVENT MECHANICAL DAMAGE, CORROSION AND OTHER DETERIORATION. TAKE NECESSARY PRECAUTIONS TO PREVENT STAINING AND/OR CONTAMINATION OF MASONRY AND MORTAR PRODUCTS. DO NOT STORE MASONRY MATERIALS IN CONTACT WITH SOIL.

PART 2 - PRODUCTS

2.01 CONCRETE MASONRY UNITS SHALL BE LIGHTWEIGHT UNITS MANUFACTURED IN ACCORDANCE WITH ASTM C-90 N-1. NOMINAL FACE DIMENSIONS OF 16" X 8" UNLESS OTHERWISE SHOWN. UNITS SHALL MEET THE REQUIREMENTS FOR U. L. RATED DESIGNS WHERE APPLICABLE. EXTERIOR CMU SHALL RECEIVE A WATER RESISTANT FINISH COATING.

2.02 MORTAR MIXES SHALL CONFORM TO ASTM C 270, MIXED BY PROPORTION FOR MORTAR TYPES AS FOLLOWS:

A. TYPE 'N' MORTAR FOR ALL WORK ABOVE GRADE (FLOOR LINE).

B. CALCIUM CHLORIDE AND OTHER ADMIXTURES NOT PERMITTED.

2.03 SAND: MASONRY SAND SHALL CONFORM TO ASTM C 144-99. SAND SOURCE AND COLOR SHALL BE SELECTED BASED ON COMPATIBILITY WITH MORTAR SELECTION.

2.04 EXTERIOR MASONRY COATINGS SHALL BE PRODUCTS OF THORO OR EQUAL.

PART 3 - EXECUTION

3.01 WORKMANSHIP: MASONRY SHALL BE LAID IN FULL MORTAR BEDS. TOOTH IN NEW MASONRY TO EXISTING. MATCH JOINT SIZE AND COURSING OF EXISTING AS CLOSELY AS POSSIBLE. APPLY WATERPROOFING/STUCCO FINISH IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS TO ACHIEVE A SMOOTH, UNIFORM SURFACE WITHIN BLOCK PANELS. ONLY CMU PANELS AFFECTED BY NEW WINDOWS REQUIRE COATING.

3.02 CONSTRUCTION PROTECTION: SECURELY COVER TOPS OF MASONRY ELEMENTS WITH WATERPROOF SHEET MATERIAL AT END OF EACH WORK DAY AND WHEN MASONRY WORK IS NOT UNDERWAY, UNTIL BUILDING IS DRIED IN.

3.03 CLEANING: CLEAN WALLS DAILY DURING INSTALLATION USING STIFF BRUSHES. REMOVE GREEN MORTAR WITH BURLAP OR DRY CLOTH. DO NOT ALLOW EXCESS MORTAR TO HARDEN ON FINISHED SURFACES. FINAL PREPARATION OF MASONRY SURFACE SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR THE SUBSTRATE OF THE WATERPROOFING/STUCCO FINISH.

3.04 TO AVOID DAMAGE TO MASONRY FINISHES AT FINAL CLEANING, MURIATIC ACID SHALL NOT BE USED AND HIGH PRESSURE SPRAY EQUIPMENT SHALL NOT BE USED.

DIVISION 5 - METALS

SECTION 05400 - LIGHT GAUGE METAL FRAMING

PART 1 - GENERAL

1.01 PROVIDE LIGHT GAUGE METAL FRAMING AS INDICATED.

1.02 SUBMIT MANUFACTURER'S CATALOG INFORMATION.

PART 2 - PRODUCTS

2.01 ALL BEARING METAL STUD WORK SHALL BE GA. NOTED ON DRAWINGS. SPACED AT 16" ON CENTERS UNLESS OTHERWISE NOTED. MATERIAL SHALL CONFORM TO ASTM A-446 OR A-570 AND HAVE A MIN. YIELD POINT OF 33,000 PSI. STRAPPING MATERIAL SHALL HAVE A MIN. YIELD POINT OF 50,000 PSI.

2.02 MATERIAL FOR ALL LIGHT GAUGE FRAMING SHALL BE HOT-DIPPED GALVANIZED COMPLYING WITH ASTM A-525 FOR A MIN. G60 FINISH.

2.03 METAL STUDS SPECIFIED ARE BASED ON THE PROPERTIES OF STUDS MANUFACTURED BY DIETRICH. ALL STUDS PROVIDED FOR CONSTRUCTION SHALL MEET OR EXCEED THOSE PROPERTIES

PART 3 - EXECUTION

3.01 METAL STUD BEARING WALL INSTALLER SHALL PROVIDE ALL STEEL TRACKS, BLOCKING, LINTELS, CLIP ANGLES, SHOES, STIFFENERS, FASTENERS AND ACCESSORIES AS INDICATED OR REQUIRED TO PROVIDE A COMPLETE FRAMING SYSTEM PER THE MANUFACTURER'S RECOMMENDATIONS.

R. KEISTER

SECTION 05500 - METAL FABRICATIONS

PART 1 - GENERAL

1.01 PROVIDE ALL ITEMS OF STRUCTURAL AND MISCELLANEOUS METALS AS INDICATED AND AS REQUIRED TO COMPLETE THE WORK. PROVIDE MISCELLANEOUS MASONRY LINTELS, CLIP ANGLES, BOLTS, ETC. AS REQUIRED WHETHER OR NOT SPECIFICALLY SCHEDULED.

1.02 FIELD VERIFY DIMENSIONS AND ELEVATIONS AND SUBMIT SHOP DRAWINGS WITH VERIFIED DIMENSIONS FOR ALL ITEMS OF STRUCTURAL AND MISCELLANEOUS SHAPES.

PART 2 - PRODUCTS

2.01 STRUCTURAL AND MISCELLANEOUS SHAPES SHALL BE ASTM A-36; BOLTS AND NUTS SHALL BE ASTM A-325.

2.02 ALL FERROUS METAL SHALL BE THOROUGHLY CLEANED AT THE SHOP AND PRIMED WITH ONE COAT OF RED OXIDE PRIMER.

DIVISION 6 - WOOD & PLASTICS

SECTION 06102 - FIRE RETARDANT WOOD BLOCKING

PART 1 - GENERAL

1.01 WORK INCLUDED

A. BLOCKING AND NAILERS FOR ROOF SYSTEMS, WINDOWS, SHIMS, AND RELATED FLASHINGS.

B. BLOCKING IN METAL STUD/GYPSUM DRYWALL WALLS AND PARTITIONS FOR ATTACHMENT OF, BUT NOT RESTRICTED TO, WALL MOUNTED: CABINETS AND CASEWORK; TOILET FIXTURES AND ACCESSORIES. FIRE EXTINGUISHER CABINETS. PLYWOOD PANELS FOR MOUNTING ELECTRICAL AND TELEPHONE EQUIPMENT.

1.02 QUALITY ASSURANCE: LUMBER GRADING RULES AND WOOD SPECIES: PROVIDE LUMBER COMPLYING WITH VOLUNTARY PRODUCT STANDARD PS 20.

1.03 REGULATORY REQUIREMENTS: TESTING: ASTM E84 OR U. L. TEST 723 MAXIMUM FLAME SPREAD RATING, 25.

1.04 SUBMITTALS: SUBMIT FOR APPROVAL PRODUCT DATA.

PART 2 - PRODUCTS

2.01 MATERIALS:

A. LUMBER: GRADED IN ACCORDANCE WITH SECTION 1.02. B. PROVIDE #2 OR BETTER GRADE FIRE RETARDANT LUMBER FOR ALL BLOCKING. C. PLYWOOD: GRADED IN ACCORDANCE WITH SECTION 1.02 AND COMPLY WITH 1.03 AND FIRE TREATED. D. PANELS FOR ELECTRICAL AND TELEPHONE EQUIPMENT TO BE INTERIOR GRADE, FIR FACED, WITH EXTERIOR GLUE, C-D OR BETTER FACES, THICKNESS AS REQUIRED FOR WORK BEING DONE.

2.02 ACCESSORIES: NAILS AND STAPLES: GALVANIZED COATING, SIZE AND TYPE TO SUIT APPLICATION.

2.03 WOOD TREATMENT MATERIALS: PRESERVATIVE AND FIRE RETARDANT TREATMENT: DRICON FIRE RETARDANT TREATED WOOD BY THE HICKSON CORPORATION OF HOVER TREATED WOOD PRODUCTS, INC., THOMSON, GEORGIA.

PART 3 - EXECUTION

3.01 LUMBER TYPES AND LOCATIONS - ALL TO BE FIRE RETARDANT: PROVIDE FIRE RETARDANT TREATED WOOD FOR ALL INTERIOR, EXTERIOR FRAMING, BLOCKING, NAILING STRIPS, AND PLYWOOD GYPSUM BOARD BACK UP AND ELECTRICAL EQUIPMENT BOARDS.

3.02 INSTALLING WOOD: INSTALL AS REQUIRED BY INDIVIDUAL SITUATION WITH GOOD QUALITY WORKMANSHIP. FASTEN TO STEEL STUD SYSTEMS WITH TEK SCREWS. OTHER FASTENINGS WITH BOLTS AS REQUIRED.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

SECTION 07210 - BUILDING INSULATION

PART 1 - GENERAL

1.01 PROVIDE BUILDING INSULATION OF TYPES AS APPLICABLE: A. SOUND BATT INSULATION

1.02 SUBMIT FOR APPROVAL PRODUCT DATA AND TEST REPORTS

1.03 QUALITY ASSURANCE: COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS OF QUALIFIED MANUFACTURERS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

PART 2 - PRODUCTS

2.01. SOUND BATT INSULATION: 3 1/2" THICK, OR AS INDICATED THERMAFIBER SOUND ATTENUATION FIRE BLANKET BY USG. INSTALL IN INDICATED PARTITIONS AS RECOMMENDED BY MANUFACTURER.

PART 3 - EXECUTION

3.01 INSULATION SHALL BE INSTALLED BY EXPERIENCED INSTALLERS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

SECTION 07270 - FIRESTOPPING

PART 1 - GENERAL

1.01 PROVIDE FIRESTOPPING INSULATION AND CAULKING TO PREVENT PASSAGE OF FLAME AND PRODUCTS OF COMBUSTION THROUGH CONCEALED SPACES, OPENINGS BETWEEN AND AROUND FLOORS, AND IN FIRE RATED ASSEMBLIES.

1.02 SUBMIT FOR APPROVAL PRODUCT DATA, SAMPLES AND WARRANTY.

1.03 APPLICATION SHALL COMPLY WITH ALL REQUIREMENTS OF DESIGNATED UL ASSEMBLIES.

PART 2 - PRODUCTS

2.01 FIRESTOPPING INSULATION: A. BLANKET FIRESTOPPING MINERAL FIBER TYPE; THERMAFIBER SAFING INSULATION BY U.S.G.OR APPROVED EQ.

B. CERAMIC BLANKET; CERAMIC WOOL WITH 2300 DEGREE TEMPERATURE RATING

2.02 CAULKING: CP-25 FIRE BARRIER CAULK BY 3M OR APPROVED EQUAL.

PART 3 - EXECUTION

3.01 REVIEW EXTENT OF WORK WITH AUTHORITIES HAVING JURISDICTION AND OBTAIN APPROVAL OF INSTALLATION THICKNESS AND METHODS.

3.02 SEQUENCE WORK TO AVOID NEED FOR REMOVAL OF FIRESTOPPING BY WORK OF OTHER TRADES.

3.03 COMPLY WITH MANUFACTURERS' INSTRUCTIONS AND RECOMMENDATIONS. SECURELY ANCHOR INSULATIONS WITH SAFING CLIPS. INSTALL FIRESTOPS WITHOUT GAPS OR VOIDS.

3.04 PROTECT, INSPECT AND REPAIR WORK UNTIL FINAL ACCEPTANCE.

SECTION 07620 - FLASHING AND SHEET METAL

PART 1 - GENERAL

1.01 PROVIDE FLASHING AND SHEET METAL PRODUCTS AS INDICATED.

1.02 SUBMIT FOR APPROVAL COLOR SAMPLES, PRODUCT DATA.

1.03 COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS OF ACCEPTABLE MANUFACTURERS WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR THREE YEARS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

PART 2 - PRODUCTS

2.01 THRU-WALL FLASHING: 30 MIL PVC SHEET.

PART 3 - EXECUTION

3.01 INSTALL FLASHING IN ACCORDANCE WITH SMACNA "SHEET METAL MANUAL".

SECTION 07900 - JOINT SEALERS

PART 1 - GENERAL

1.01 SUBMIT PRODUCT DATA AND COLOR SAMPLES.

PART 2 - PRODUCTS

2.01 SEALANT (EXTERIOR): ACRYLIC EPOXIDIZED POLYURETHANE. TWO PART BY TREMCO "DYMERIC" OR PECORA "DYNATRO II".

2.02 CAULKING (INTERIOR): DAP ACRYLIC LATEX CAULK OR EQUAL.

PART 3 - EXECUTION

3.01 PROVIDE JOINT SEALERS IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

3.02 FINISH ALL SEALANT AND CAULKING MATERIAL SMOOTH AND WITHOUT DEBRIS. REMOVE ANY SEALER MATERIAL FROM ADJACENT SURFACES PROMPTLY.

DIVISION 8 - DOORS & WINDOWS

SECTION 08100 - METAL DOORS & FRAMES

PART 1 - GENERAL

1.01 FURNISH AND INSTALL INTERIOR HOLLOW METAL FRAMES.

1.02 SUBMIT SHOP DRAWINGS AND PRODUCT DATA IN ACCORDANCE WITH SECTION 01600.

PART 2 - PRODUCTS

2.01 HOLLOW METAL FRAMES:

A. PROVIDE HOLLOW METAL FRAMES WITH INDICATED PROFILE.

B. FRAMES SHALL HAVE WELDED CORNERS WITH ALL WELDS GROUND FLUSH. FRAMES SHALL BE REINFORCED FOR REQUIRED HARDWARE, AND FURNISHED WITH 3 ANCHORS PER JAMB.

PART 3 - EXECUTION

3.01 HOLLOW METAL FRAMES: EXERCISE CARE IN SETTING OF FRAMES TO MAINTAIN SCHEDULED DIMENSIONS. HOLD HEAD LEVEL AND MAINTAIN JAMBS PLUMB AND SQUARE. SECURE ANCHORAGES AND CONNECTIONS TO ADJACENT CONSTRUCTION. LEAVE FRAME SPREADER BARS INTACT UNTIL FRAMES ARE SET PERFECTLY SQUARE AND PLUMB, AND ANCHORS ARE SECURELY ATTACHED. TOUCH UP DAMAGED PRIME COAT.

SECTION 08210 - WOOD DOORS

PART 1 - GENERAL

1.01 DOORS SHALL COMPLY WITH ANSINWWDA I. S.-1-A AND AWI ARCHITECTURAL WOODWORK QUALITY STANDARDS, PREMIUM GRADE.

PART 2 - PRODUCTS

2.01 STANDARD DOORS SHALL BE 1-3/4" THICK, SOLID CORE, FLUSH TYPE (AWI SPEC SYMBOL DESIGNATION PC-5).

2.02 FIRE-RATED DOOR ASSEMBLIES SHALL BE 90-MINUTE B-LABELED UNLESS NOTED OTHERWISE. EACH DOOR SHALL BE LABELED BY AN APPROVED TESTING AGENCY INDICATING THE FIRE-RATING PROVIDED. DOOR LITES SHALL FACTORY-INSTALLED AND PROVIDED IN SIZE AND LOCATIONS AS INDICATED PER NFPA 80.

2.03 DOORS SHALL BE PREMACHINED FOR REQUIRED HARDWARE. DOORS SHALL BE PREFINISHED WITH TRANSPARENT FINISH. ARCHITECT SHALL SELECT COLOR.

2.04 STANDARD CORE: MAT-FORMED PARTICLEBOARD CONFORMING TO ANSI A208.1, 1-LD-2 GRADE.

2.05 FIRE-RATED CORE: NON-COMBUSTIBLE, NON-ASBESTOSMINERAL CORE ENGINEERED TO MEET LABEL REQUIREMENTS. STILES AND RAILS SHALL BE BONDED TO CORE USING A HOT-MELT GLUE PROCESS.

2.04 STILES AND RAILS: TWO PLY 1-3/8" VERTICAL STILES, OUTER PLY COMPATIBLE TO OR SAME SPECIES AS FACE VENEER. TOP AND BOTTOM OF DOOR SHALL HAVE 1-1/8" RAILS. BOTH STILES AND RAILS SHALL BE BONDED TO CORE WITH TYPE 1 ADHESIVE.

2.05 FACES: FACE VENEER OF SLICED RED OAK, 1/50" THICK OVER 1/16" CROSS BANDING. FACE VENEER AND CROSS BANDING SHALL BE ATTACHED TO CORE WITH TYPE 1 ADHESIVE USING HOT PRESS METHOD.

PART 3 - EXECUTION

3.01 WOOD DOOR INSTALLATION: HANG AND FIT WOOD DOORS. INSTALL DOORS WITH 1/8" MAX. CLEARANCE AT TOPS AND SIDES. DOORS SHALL OPERATE PROPERLY WITH NO BINDING. AFTER SETTING, REMOVE DOORS FOR SEALING OF TOP AND BOTTOM EDGES. REHANG AFTER SEALING.

3.02 FURNISH MANUFACTURERS STANDARD WARRANTY FOR MATERIAL AND WORKMANSHIP.

SECTION 08410 - ALUMINUM ENTRANCES AND STOREFRONT

PART 1 - GENERAL

1.01 ALL INTERIOR ALUMINUM ENTRANCES AND STOREFRONT SHALL BE AS MANUFACTURED BY YKK AP AMERICA, INC. OR APPROVED EQUAL. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING INSTALLATION OF ENTRANCES WITH ADJACENT CONSTRUCTION.

1.02 SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH SECTION 01300.

PART 2 - PRODUCTS

2.01 DOOR AND SIDELITE: 1-3/4" THICK, MEDIUM STILE, SINGLE ACTING, 8" BOTTOM RAIL, MODEL 35D.

2.02 GLASS IS SPECIFIED IN SECTION 08800 GLASS AND GLAZING.

2.03 STOREFRONT FRAMING SYSTEM: YKK YES20 WITH 1/4" CLEAR TEMPERED GLASS; YKK AP AMERICA, INC. OR APPROVED EQUAL.

2.04 METAL FINISH: ANODIZED. COLOR TO MATCH EXISTING WINDOW FRAMES AND AS APPROVED BY ARCHITECT.

PART 3 - EXECUTION

3.01 TAKE FIELD MEASUREMENTS BEFORE FABRICATION WHERE POSSIBLE WITHOUT DELAYING THE JOB PROGRESS.

3.02 INSTALL MATERIALS AND SYSTEMS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND APPROVED SUBMITTALS. INSTALL MATERIALS AND SYSTEMS IN PROPER RELATION WITH ADJACENT CONSTRUCTION AND WITH UNIFORM APPEARANCE. COORDINATE WITH WORK OF OTHER SECTIONS.

3.03 RESTORE DAMAGED FINISHES AND TEST FOR PROPER OPERATION. CLEAN AND PROTECT WORK FROM DAMAGE.

SECTION 08520 - ALUMINUM WINDOWS

PART 1 - GENERAL

1.01 SUBMIT FOR APPROVAL SHOP DRAWINGS AND PRODUCT DATA IN ACCORDANCE WITH SECTION 01300.

PART 2 - PRODUCTS

2.01 ALL EXTERIOR ALUMINUM FIXED WINDOWS SHALL BE HEAVY COMMERCIAL CENTER SET, FLUSH GLAZED WITH CONTINUOUS JAMBS, WITH HEAD, SILL, AND JAMB ATTACHED BY SCREWS INTO ROUGH OPENING; YKK AP YES 20 SASH AS MANUFACTURED BY YKK AP AMERICA, INC. FINISH SHALL MATCH EXISTING WINDOWS ON THE WEST SIDE OF BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING INSTALLATION OF WINDOWS WITH ADJACENT CONSTRUCTION.

2.02 PROVIDE OPERABLE ALUMINUM WINDOW SYSTEM WHERE INDICATED. SYSTEM SHALL BE YKK AP SERIES YES SSG VENT PROJECT-OUT VENTILATORS. PROVIDE MANUFACTURER'S STANDARD OPERATING HARDWARE AND INSECT SCREENS.

2.02 GLASS SHALL BE INSULATING UNITS AS SPECIFIED IN SECTION 08810 - GLASS AND GLAZING.

PART 3 - EXECUTION

3.01 ALUMINUM WINDOWS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS AND AS INDICATED.

SECTION 08810 - GLASS AND GLAZING

PART 1 - GENERAL

1.01 ALL GLAZING AND PRODUCTS SHALL BE IN ACCORDANCE WITH THE PROCEDURES RECOMMENDED IN THE "GLAZING MANUAL OF THE FLAT GLASS JOBBERS ASSOCIATION".

1.02 ACCEPTABLE MANUFACTURERS ARE: CARDINAL I.G., GUARDIAN INDUSTRIES & PPG INDUSTRIES.

PART 2 - PRODUCTS

2.01 TINT OF EXTERIOR GLAZING SHALL MATCH EXISTING.

2.02 EXTERIOR GLAZING SHALL BE INSULATING GLASS IN 1" FACTORY FABRICATED SEALED UNITS. PROVIDE MANUFACTURER'S STANDARD WARRANTY.

2.03 INTERIOR GLAZING SHALL BE 1/2" CLEAR, TEMPERED IN DOORS AND LOCATIONS REQUIRED BY CODE. PROVIDE MANUFACTURER'S STANDARD WARRANTY.

PART 3 - EXECUTION

3.01 INSTALL GLAZING IN ACCORDANCE WITH WINDOW FRAME MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.

3.02 OPENINGS SHALL BE SQUARE, PLUMB AND TRUE TO PLANE. IF FOUND UNSATISFACTORY, GLAZING SHALL NOT PROCEED UNTIL PROPER CORRECTIONS ARE MADE.

SECTION 08710 - HARDWARE

PART 1 - GENERAL

1.01 PROVIDE HARDWARE FOR ALL DOORS AS SPECIFIED AND IN ACCORDANCE WITH ALL APPLICABLE CODE REQUIREMENTS. COORDINATE KEYING WITH THE OWNER.

1.02 HARDWARE SHALL BE AS PROVIDED BY AN ACCREDITED HARDWARE CONSULTANT WHO SHALL REVIEW REQUIREMENTS AND KEYING WITH THE OWNER PRIOR TO SUBMITTALS OF THE HARDWARE SCHEDULES FOR APPROVAL.

PART 2 - PRODUCTS

2.01 HARDWARE SHALL BE AS MANUFACTURED BY THE FOLLOWING OR APPROVED EQUAL.

HINGES	STANLEY HARDWARE
CYLINDERS, LOCKS	MEDCO
CLOSERS	SARGEANT
STOPS, KICKS, PUSH, PULLS, BOLTS	H.B. IVES
THRESHOLDS, SEALS, WEATHERSTRIPS	NATIONAL GUARD PRODUCTS

2.03 SCHEDULE:

SET NO. 1	3 HINGES - 4 1/2 X 4 1/2 1 PUSH/PULL 1 AUTO HOLD-OPEN 1 CLOSER - MODEL 1130 1 WALL STOP	US26D US26D ~ AL US26D
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SET NO. 2	1 PUSH/PULL 1 AUTO HOLD-OPEN 1 CLOSER - MODEL 1130 1 WALL STOP	US26D EN US26D
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SET NO. 3	1 LOCKSET - ENTRANCE - GRADE 2 PLUS 1 WALL STOP	US26D US26D
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SET NO. 4	3 HINGES - 4 1/2 x 4 1/2 1 LOCKSET - ENTRANCE - GRADE 2 PLUS 1 WALL STOP	US26D US26D US26D
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SET NO. 5	1 LOCKSET - PASSAGE - GRADE 2 PLUS 1 WALL STOP	US26D US26D
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SET NO. 6	3 HINGES - 4 1/2 x 4 1/2 1 LOCKSET - PASSAGE- GRADE 2 PLUS 1 WALL STOP	US26D US26D US26D
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SET NO. 10	1 CYLINDER (BY OWNER) REMAINDER BY DOOR MANUFACTURER	
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SET NO. 11	EXISTING TO REMAIN	
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PART 3 - EXECUTION

3.01 APPLICATION OF HARDWARE: RECEIVE, STORE, AND BE RESPONSIBLE FOR FINISH HARDWARE. PROPERLY TAG, INDEX AND FILE KEYS AS DIRECTED. USE CARE NOT TO DAMAGE WORK WHEN APPLYING HARDWARE. ITEMS SHALL BE NEATLY AND ACCURATELY MORTISED FLUSH, PROPERLY PLACED AND ADJUSTED TO INSURE QUIET AND SMOOTH OPERATION WITHOUT STICKING, BINDING, OR RATTLING. LOCATE ITEMS IN ACCORDANCE WITH NBHA PUBLICATION, "RECOMMENDED LOCATIONS FOR BUILDER'S HARDWARE."

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