

TECHNICAL SPECIFICATIONS

DIVISION 1 - GENERAL REQUIREMENTS

SECTION 01 1000 SUMMARY

PART 1 GENERAL

1.01 PROJECT

- A PROJECT NAME: INTERIOR UPFIT FOR SUITE 312 WWWA COULTER BUILDING 601 S. JEFFERSON STREET
- B OWNER'S NAME: WESTERN VIRGINIA WATER AUTHORITY.
- C ARCHITECT'S NAME: HUGHES ASSOCIATES ARCHITECTS AND ENGINEERS.
- D THE PROJECT CONSISTS OF THE RENOVATION AND REMODELING OF A PORTION OF THE EXISTING SUITE 312 SPACE LOCATED ON THE THIRD FLOOR OF THE WWWA COULTER BUILDING.
- E INTERIOR WORK CONSISTS OF REMOVING A FEW WALLS AND DOORS AND SOME MINOR RECONFIGURATION OF THE EXISTING OFFICE SPACES. INSTALLATION OF NEW WALLS, DOORS, CEILINGS AND LIGHT FIXTURES. THE ENTIRE SPACE WILL RECEIVE FULL PAINTING OF WALLS, BASE TRIM, CARPET AND LVT FLOOR COVERING. A PORTION OF THE CEILING GRID WILL BE REPLACED OR MODIFIED IN THE RECONFIGURED SPACES. ELECTRICAL BRANCH CIRCUITS WILL BE SLIGHTLY MODIFIED BASED ON THE NEW OFFICE LAYOUTS.

1.02 CONTRACT DESCRIPTION

- A CONTRACT TYPE: A SINGLE PRIME CONTRACT BASED ON A STIPULATED PRICE.

1.03 OWNER OCCUPANCY

- A. VARIOUS TENANTS OCCUPY ADJACENT PORTIONS OF THE EXISTING BUILDING AND WILL CONTINUE TO DO SO DURING THE ENTIRE CONSTRUCTION PERIOD.
- B. TENANT INTENDS TO OCCUPY THE PROJECT SPACE UPON SUBSTANTIAL COMPLETION.
- C. COOPERATE WITH BUILDING OWNER TO MINIMIZE CONFLICT AND TO FACILITATE OWNER'S OPERATIONS.
- D. SCHEDULE THE WORK TO ACCOMMODATE OWNER TENANT OCCUPANCY.
- E. COORDINATE WORK OPERATIONS WITH TENANTS EQUIPMENT DELIVERIES.

1.04 CONTRACTOR USE OF SITE AND PREMISES

- A. CONSTRUCTION OPERATIONS LIMITED TO THE PROJECT AREA. STAGING AND MATERIAL STORAGE SHALL BE CONTAINED WITHIN THE PROJECT AREA. TENANT IS RESPONSIBLE FOR PAYING FOR MATERIAL STORAGE SPACE. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE THIS WITH THE BUILDING OWNER.
- 1. LOCATE AND CONDUCT CONSTRUCTION ACTIVITIES IN WAYS THAT WILL MINIMIZE DISTURBANCE TO BUILDING.
- B. ARRANGE USE OF BUILDING ELEVATOR AND STAIRS ON PREMISES TO ALLOW.
- 1. OWNER AND TENANT OCCUPANCY.
- C. CONSTRUCTION STAGING
- 1. PROVIDE ACCESS TO AND FROM PROJECT AREA AS REQUIRED BY LAW AND BY BUILDING OWNER.
- 2. EMERGENCY BUILDING EXITS DURING CONSTRUCTION. KEEP ALL EXITS REQUIRED BY CODE. OPEN DURING CONSTRUCTION PERIOD. PROVIDE TEMPORARY EXIT SIGNS IF EXIT ROUTES ARE TEMPORARILY ALTERED.
- 3. DO NOT OBSTRUCT ROADWAYS, SIDEWALKS, OR OTHER PUBLIC WAYS WITHOUT PERMIT.
- D. EXISTING SPACES OUTSIDE THE PROJECT AREA SHALL NOT BE USED FOR STORAGE WITHOUT PERMISSION FROM THE BUILDING OWNER.
- E. UTILITY OUTAGES AND SHUTDOWN:
- 1. LIMIT DISRUPTION OF UTILITY SERVICES TO HOURS THE BUILDING IS UNOCCUPIED. NOTIFY OWNER 24 HOURS PRIOR TO ANY SHUT DOWN.
- 2. DO NOT DISRUPT OR SHUT DOWN LIFE SAFETY SYSTEMS, INCLUDING BUT NOT LIMITED TO FIRE ALARM SYSTEM, WITHOUT 24 HOUR NOTICE TO OWNER AND AUTHORITIES HAVING JURISDICTION.
- 3. PREVENT ACCIDENTAL DISRUPTION OF UTILITY SERVICES TO OTHER AREAS OF THE BUILDING(S).
- F. WORK SEQUENCE
- 1. COORDINATE CONSTRUCTION SCHEDULE AND OPERATIONS WITH BUILDING AND AFFECTED TENANTS. SAW CUTTING OF CONCRETE SLABS AND ANY JACK HAMMERING OPERATIONS SHALL BE DONE AT OFF HOURS AND COORDINATED WITH BUILDING OWNER AND TENANTS SCHEDULE.

SECTION 01-2100 - ALLOWANCES

PART 1 - GENERAL

1.01 CONTINGENCY ALLOWANCE

- CONTRACTORS COST FOR PRODUCTS, DELIVERY, INSTALLATION, LABOR, INSURANCE, PAYROLL, TAXES, BONDING, EQUIPMENT RENTAL, OVERHEAD AND PROFIT, WILL BE INCLUDED IN A CHANGE ORDER AUTHORIZING EXPENDITURE OF FUNDS FROM THIS CONTINGENCY ALLOWANCE.
- B. FUNDS WILL BE DRAWN FROM THE CONTINGENCY ALLOWANCE FUND ONLY BY CHANGE ORDER.
- C. AT CLOSEOUT OF THE CONTRACT FUNDS REMAINING IN THE CONTINGENCY FUND WILL BE CREDITED TO THE OWNER BY CHANGE ORDER.
- D. CONTINGENCY FUND INCLUDE THE STIPULATED SUM OF \$6,000.00

SECTION 01 7000 EXECUTION AND CLOSEOUT REQUIREMENTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. EXAMINATION, PREPARATION, AND GENERAL INSTALLATION PROCEDURES
- B. REQUIREMENTS FOR ALTERATIONS WORK, INCLUDING SELECTIVE DEMOLITION, AND NEW CONSTRUCTION.
- C. CUTTING AND PATCHING
- D. CLEANING AND PROTECTION
- E. CLOSEOUT PROCEDURES, INCLUDING CONTRACTOR'S CORRECTION PUNCH LIST, EXCEPT PAYMENT PROCEDURES

1.02 COORDINATION

- A. COORDINATE SCHEDULING, SUBMITTALS, AND WORK OF THE VARIOUS SECTIONS OF THE PROJECT MANUAL TO ENSURE EFFICIENT AND ORDERLY SEQUENCE OF INSTALLATION OF INTERDEPENDENT CONSTRUCTION ELEMENTS, WITH PROVISIONS FOR ACCOMMODATING ITEMS INSTALLED LATER.
- B. NOTIFY AFFECTED UTILITY COMPANIES AND COMPLY WITH THEIR REQUIREMENTS.
- C. VERIFY THAT UTILITY REQUIREMENTS AND CHARACTERISTICS OF NEW OPERATING EQUIPMENT ARE COMPATIBLE WITH BUILDING UTILITIES. COORDINATE WORK OF VARIOUS SECTIONS HAVING INTERDEPENDENT RESPONSIBILITIES FOR INSTALLING, CONNECTING TO, AND PLACING IN SERVICE, SUCH EQUIPMENT.
- D. COORDINATE SPACE REQUIREMENTS, SUPPORTS, AND INSTALLATION OF MECHANICAL AND ELECTRICAL WORK THAT ARE INDICATED DIAGRAMMATICALLY ON DRAWINGS. FOLLOW ROUTING INDICATED FOR PIPES, DUCTS, AND CONDUIT, AS CLOSELY AS PRACTICABLE. PLACE RUNS PARALLEL WITH LINES OF BUILDING UTILIZE SPACES EFFICIENTLY TO MAXIMIZE ACCESSIBILITY FOR OTHER INSTALLATIONS, FOR MAINTENANCE, AND FOR REPAIRS.
- E. IN FINISHED AREAS EXCEPT AS OTHERWISE INDICATED, CONCEAL PIPES, DUCTS, AND WIRING WITHIN THE CONSTRUCTION. COORDINATE LOCATIONS OF FIXTURES AND OUTLETS WITH FINISH ELEMENTS.
- F. COORDINATE COMPLETION AND CLEAN-UP OF WORK OF SEPARATE SECTIONS.
- G. AFTER OWNER'S PROJECT MANAGER OCCUPANCY OF PREMISES, COORDINATE ACCESS TO SITE FOR CORRECTION OF DEFECTIVE WORK AND WORK NOT IN ACCORDANCE WITH CONTRACT DOCUMENTS, TO MINIMIZE DISRUPTION OF OWNER'S PROJECT MANAGER'S ACTIVITIES.

PART 2 PRODUCTS

2.01 PATCHING MATERIALS

- A. NEW MATERIALS: AS SPECIFIED IN PRODUCT SECTIONS, MATCH EXISTING PRODUCTS AND WORK FOR PATCHING AND EXTENDING WORK
- B. TYPE AND QUALITY OF EXISTING PRODUCTS: DETERMINE BY INSPECTING AND TESTING PRODUCTS WHERE NECESSARY, REFERRING TO EXISTING WORK AS A STANDARD
- C. PRODUCT SUBSTITUTION: FOR ANY PROPOSED CHANGE IN MATERIALS, SUBMIT REQUEST FOR SUBSTITUTION

PART 3 EXECUTION

3.01 EXAMINATION

- A. VERIFY THAT EXISTING SITE CONDITIONS AND SUBSTRATE SURFACES ARE ACCEPTABLE FOR SUBSEQUENT WORK. START OF WORK MEANS ACCEPTANCE OF EXISTING CONDITIONS
- B. VERIFY THAT EXISTING SUBSTRATE IS CAPABLE OF STRUCTURAL SUPPORT OR ATTACHMENT OF NEW WORK BEING APPLIED OR ATTACHED
- C. EXAMINE AND VERIFY SPECIFIC CONDITIONS DESCRIBED IN INDIVIDUAL SPECIFICATION SECTIONS
- D. TAKE FIELD MEASUREMENTS BEFORE CONFIRMING PRODUCT ORDERS OR BEGINNING FABRICATION, TO MINIMIZE WASTE DUE TO OVER-ORDERING OR MISFABRICATION
- E. VERIFY THAT UTILITY SERVICES ARE AVAILABLE, OF THE CORRECT CHARACTERISTICS, AND IN THE CORRECT LOCATIONS
- F. PRIOR TO CUTTING, EXAMINE EXISTING CONDITIONS PRIOR TO COMMENCING WORK, INCLUDING ELEMENTS SUBJECT TO DAMAGE OR MOVEMENT DURING CUTTING AND PATCHING. AFTER UNCOVERING EXISTING WORK, ASSESS CONDITIONS AFFECTING PERFORMANCE OF WORK. BEGINNING OF CUTTING OR PATCHING MEANS ACCEPTANCE OF EXISTING CONDITIONS

3.02 PREPARATION

- A. CLEAN SUBSTRATE SURFACES PRIOR TO APPLYING NEXT MATERIAL OR SUBSTANCE.
- B. SEAL CRACKS OR OPENINGS OF SUBSTRATE PRIOR TO APPLYING NEXT MATERIAL OR SUBSTANCE.
- C. APPLY MANUFACTURER REQUIRED OR RECOMMENDED SUBSTRATE PRIMER, SEALER, OR CONDITIONER PRIOR TO APPLYING ANY NEW MATERIAL OR SUBSTANCE IN CONTACT OR BOND.

3.03 GENERAL INSTALLATION REQUIREMENTS

- A. INSTALL PRODUCTS AS SPECIFIED IN INDIVIDUAL SECTIONS, IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS, AND SO AS TO AVOID WASTE DUE TO NECESSITY FOR REPLACEMENT.
- B. MAKE VERTICAL ELEMENTS PLUMB AND HORIZONTAL ELEMENTS LEVEL, UNLESS OTHERWISE INDICATED.
- C. INSTALL EQUIPMENT AND FITTINGS PLUMB AND LEVEL, NEATLY ALIGNED WITH ADJACENT VERTICAL AND HORIZONTAL LINES, UNLESS OTHERWISE INDICATED.
- D. MAKE CONSISTENT TEXTURE ON SURFACES, WITH SEAMLESS TRANSITIONS, UNLESS OTHERWISE INDICATED
- E. MAKE NEAT TRANSITIONS BETWEEN DIFFERENT SURFACES, MAINTAINING TEXTURE AND APPEARANCE.

3.04 ALTERATIONS

- A. DRAWINGS SHOWING EXISTING CONSTRUCTION ARE BASED ON FIELD OBSERVATION AND ORIGINAl BUILDING DRAWINGS.
- 1. VERIFY THAT CONSTRUCTION ARRANGEMENTS ARE AS INDICATED
- 2. REPORT DISCREPANCIES TO ARCHITECT BEFORE DISTURBING EXISTING INSTALLATION
- 3. BEGINNING OF ALTERATIONS WORK CONSTITUTES ACCEPTANCE OF EXISTING CONDITIONS
- B. REMOVE EXISTING MATERIALS AS INDICATED AND AS REQUIRED TO ACCOMPLISH NEW WORK.
- 1. REMOVE AND SALVAGE ITEMS INDICATED ON DRAWINGS
- 2. RELOCATE ITEMS INDICATED ON DRAWINGS
- 3. WHERE NEW SURFACE FINISHES ARE TO BE APPLIED TO EXISTING WORK, PERFORM REMOVALS, PATCH, AND PREPARE EXISTING SURFACES AS REQUIRED TO RECEIVE NEW FINISH. REMOVE EXISTING FINISH IF NECESSARY FOR APPLICATION OF NEW FINISH.
- 4. WHERE NEW SURFACE FINISHES ARE NOT SPECIFIED OR INDICATED, PATCH HOLES AND DAMAGED SURFACES TO MATCH ADJACENT FINISHED SURFACES AS CLOSELY AS POSSIBLE.
- C. SERVICES (INCLUDING BUT NOT LIMITED TO HVAC, LIGHTING & ELECTRICAL, TELECOMMUNICATIONS, AND DATA) REMOVE, RELOCATE, AND EXTEND EXISTING SYSTEMS TO ACCOMMODATE NEW CONSTRUCTION
- 1. MAINTAIN EXISTING ACTIVE SYSTEMS THAT ARE TO REMAIN IN OPERATION, MAINTAIN ACCESS TO EQUIPMENT AND OPERATIONAL COMPONENTS. IF NECESSARY, MODIFY INSTALLATION TO ALLOW ACCESS OR PROVIDE ACCESS PANEL.
- 2. WHERE EXISTING SYSTEMS OR EQUIPMENT ARE NOT ACTIVE AND CONTRACT DOCUMENTS REQUIRE REACTIVATION, PUT BACK INTO OPERATIONAL CONDITION, REPAIR SUPPLY, DISTRIBUTION, AND EQUIPMENT AS REQUIRED.
- 3. REMOVE ABANDONED PIPE, DUCTS, CONDUITS, AND EQUIPMENT, INCLUDING THOSE ABOVE ACCESSIBLE CEILINGS. REMOVE BACK TO SOURCE OF SUPPLY WHERE POSSIBLE, OTHERWISE CAP, STUB AND TAG WITH IDENTIFICATION, PATCH HOLES LEFT BY REMOVAL USING MATERIALS SPECIFIED FOR NEW CONSTRUCTION.
- D. PROTECT EXISTING WORK TO REMAIN.
- 1. PREVENT MOVEMENT OF STRUCTURE, PROVIDE SHORING AND BRACING IF NECESSARY.
- 2. PERFORM CUTTING TO ACCOMPLISH REMOVALS NEATLY AND AS SPECIFIED FOR CUTTING NEW WORK.
- 3. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING REMOVAL WORK.
- E. REFINISH EXISTING SURFACES AS INDICATED.
- 1. WHERE ROOMS OR SPACES ARE INDICATED TO BE REFINISHED, REFINISH ALL VISIBLE EXISTING SURFACES TO REMAIN TO THE SPECIFIED CONDITION FOR EACH MATERIAL, WITH A NEAT TRANSITION TO ADJACENT FINISHES.
- F. REMOVE DEMOLITION DEBRIS AND ABANDONED ITEMS FROM ALTERATIONS AREAS AND DISPOSE OF OFF-SITE. DO NOT BURN OR BURY.
- G. DO NOT BEGIN NEW CONSTRUCTION IN ALTERATIONS AREAS BEFORE DEMOLITION AND SALVAGE IS COMPLETE.
- H. COMPLY WITH ALL OTHER APPLICABLE REQUIREMENTS OF THIS SECTION.

3.05 CUTTING AND PATCHING

- A. WHENEVER POSSIBLE, EXECUTE THE WORK BY METHODS THAT AVOID CUTTING OR PATCHING.
- B. SEE ALTERATIONS ARTICLE ABOVE FOR ADDITIONAL REQUIREMENTS
- C. PERFORM WHATEVER CUTTING AND PATCHING IS NECESSARY.
- D. EXECUTE WORK BY METHODS THAT AVOID DAMAGE TO OTHER WORK AND THAT WILL PROVIDE APPROPRIATE SURFACES TO RECEIVE PATCHING AND FINISHING. IN EXISTING WORK, MINIMIZE DAMAGE AND RESTORE TO ORIGINAL CONDITION.
- E. RESTORE WORK WITH NEW PRODUCTS IN ACCORDANCE WITH REQUIREMENTS OF CONTRACT DOCUMENTS
- F. FIT WORK AIR TIGHT TO PIPES, SLEEVES, DUCTS, CONDUIT, AND OTHER PENETRATIONS THROUGH SURFACES.
- G. AT PENETRATIONS OF FIRE RATED WALLS, PARTITIONS, CEILING, OR FLOOR CONSTRUCTION, COMPLETELY SEAL VOIDS WITH FIRE RATED MATERIAL IN ACCORDANCE WITH SECTION 07 8400, TO FULL THICKNESS OF THE PENETRATED ELEMENT
- H. PATCHING
- 1. FINISH PATCHED SURFACES TO MATCH FINISH THAT EXISTED PRIOR TO PATCHING. ON CONTINUOUS SURFACES, REFINISH TO NEAREST INTERSECTION OR NATURAL BREAK. FOR AN ASSEMBLY, REFINISH ENTIRE UNIT.
- 2. MATCH COLOR, TEXTURE, AND APPEARANCE.
- 3. REPAIR PATCHED SURFACES THAT ARE DAMAGED, LIFTED, DISCOLORED, OR SHOWING OTHER IMPERFECTIONS DUE TO PATCHING WORK. IF DEFECTS ARE DUE TO CONDITION OF SUBSTRATE, REPAIR SUBSTRATE PRIOR TO REPAIRING FINISH.

3.06 PROGRESS CLEANING

- A. MAINTAIN AREAS FREE OF WASTE MATERIALS, DEBRIS, AND RUBBISH. MAINTAIN SITE IN A CLEAN AND ORDERLY CONDITION
- B. REMOVE DEBRIS AND RUBBISH FROM PIPE CHASES, PLENUMS, ATTICS, CRAWL SPACES, AND OTHER CLOSED OR REMOTE SPACES, PRIOR TO ENCLOSING THE SPACE
- C. BROOM AND VACUUM CLEAN INTERIOR AREAS PRIOR TO START OF SURFACE FINISHING, AND CONTINUE CLEANING TO ELIMINATE DUST.
- D. COLLECT AND REMOVE WASTE MATERIALS, DEBRIS, AND TRASH/RUBBISH FROM SITE PERIODICALLY AND DISPOSE OFF-SITE; DO NOT BURN OR BURY.
- 3.07 PROTECTION OF INSTALLED WORK
- A. PROTECT INSTALLED WORK FROM DAMAGE BY CONSTRUCTION OPERATIONS.
- B. PROVIDE TEMPORARY AND REMOVABLE PROTECTION FOR INSTALLED PRODUCTS. CONTROL ACTIVITY IN IMMEDIATE WORK AREA TO PREVENT DAMAGE.
- C. PROVIDE PROTECTIVE COVERINGS AT WALLS, PROJECTIONS, JAMBS, SILLS, AND SOFFITS OF OPENINGS.
- D. PROTECT FINISHED FLOORS, STAIRS, AND OTHER SURFACES FROM TRAFFIC, DIRT, WEAR, DAMAGE, OR MOVEMENT OF HEAVY OBJECTS, BY PROTECTING WITH DURABLE SHEET MATERIALS.

3.08 ADJUSTING

- A. ADJUST OPERATING PRODUCTS AND EQUIPMENT TO ENSURE SMOOTH AND UNHINDERED OPERATION

3.09 FINAL CLEANING

- A. USE CLEANING MATERIALS THAT ARE NONHAZARDOUS.
- B. CLEAN INTERIOR AND EXTERIOR GLASS, SURFACES EXPOSED TO VIEW, REMOVE TEMPORARY LABELS, STAINS AND FOREIGN SUBSTANCES, POLISH TRANSPARENT AND GLOSSY SURFACES, VACUUM CARPETED AND SOFT SURFACES.
- C. REMOVE ALL LABELS THAT ARE NOT PERMANENT. DO NOT PAINT OR OTHERWISE COVER FIRE TEST LABELS OR NAMEPLATES ON MECHANICAL AND ELECTRICAL EQUIPMENT.
- D. CLEAN EQUIPMENT AND FIXTURES TO A SANITARY CONDITION WITH CLEANING MATERIALS APPROPRIATE TO THE SURFACE AND MATERIAL BEING CLEANED.
- E. REMOVE WASTE, SURPLUS MATERIALS, TRASH/RUBBISH, AND CONSTRUCTION FACILITIES FROM THE SITE; DISPOSE OF IN LEGAL MANNER, DO NOT BURN OR BURY.

3.10 CLOSEOUT PROCEDURES

- A. MAKE SUBMITTALS THAT ARE REQUIRED BY GOVERNING OR OTHER AUTHORITIES.
- B. ACCOMPANY PROJECT MANAGER ON PRELIMINARY INSPECTION TO DETERMINE ITEMS TO BE LISTED FOR COMPLETION OR CORRECTION IN THE CONTRACTOR'S CORRECTION PUNCH LIST FOR CONTRACTOR'S NOTICE OF SUBSTANTIAL COMPLETION.

SECTION 02 4100 DEMOLITION

1.01 SELECTIVE DEMOLITION FOR ALTERATIONS

- A. DRAWINGS SHOWING EXISTING CONSTRUCTION AND UTILITIES ARE BASED ON CASUAL FIELD OBSERVATION ONLY
- B. MAINTAIN SECURE AND WEATHERPROOF BUILDING EXTERIOR EXCEPT FOR INTERRUPTIONS REQUIRED FOR REPLACEMENT AND OR MODIFICATIONS, TAKE CARE TO PREVENT WATER AND HUMIDITY DAMAGE DURING PROJECT DURATION
- C. REMOVE EXISTING COMPONENTS AND MATERIALS AS INDICATED AND REQUIRED TO ACCOMPLISH NEW WORK DESCRIBED WITHIN THE DRAWINGS.
- D. SERVICES (INCLUDING BUT NOT LIMITED TO HVAC & ELECTRICAL) REMOVE EXISTING SYSTEMS AND EQUIPMENT AS INDICATED.
- E. PROTECT EXISTING COMPONENTS, FEATURES AND MATERIALS THAT ARE TO REMAIN.

1.02 DEBRIS AND WASTE REMOVAL

- A. PROPERLY REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS, JUNK, TRASH AND WASTE FROM PROJECT SITE WITHOUT DISRUPTION TO BUILDING OPERATIONS.

DIVISION 6 - WOOD & PLASTICS

SECTION 06 1000 - ROUGH CARPENTRY

PART 1 - GENERAL NOT USED

1.01 WORK INCLUDED

- A. BLOCKING IN METAL STUD/GYPSUM DRYWALL WALLS AND PARTITIONS FOR ATTACHMENT OF, BUT NOT RESTRICTED TO, WALL MOUNTED.

PART 2 PRODUCTS

- 2.01 MATERIALS - DIMENSION LUMBER FOR CONCEALED APPLICATIONS
- A. SIZES: NOMINAL SIZES AS INDICATED ON DRAWINGS.
- B. MOISTURE CONTENT S-DRY OR MC19
- C. MISCELLANEOUS FRAMING, BLOCKING, NAILERS, GROUNDS AND FURRING.
- 1. LUMBER S4S, NO. 2 OR STANDARD GRADE.
- 2. BOARDS STANDARD OR NO. 3
- 2.02 ACCESSORIES
- A. FASTENERS AND ANCHORS.
- 1. METAL AND FINISH, STAINLESS STEEL FOR HIGH HUMIDITY AND PRESERVATIVE-TREATED WOOD LOCATIONS, UNFINISHED STEEL ELSEWHERE.
- 2. DRYWALL SCREWS: BUGLE HEAD, HARDENED STEEL POWER DRIVEN TYPE, LENGTH TO ACHIEVE FULL PENETRATION OF SHEATHING SUBSTRATE.
- 3.01 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.

SECTION 06200 - FINISH CARPENTRY

PART 1 - GENERAL

- 1.01 PROVIDE FINISH CARPENTRY AS INDICATED.

PART 2 - EXECUTION

- 2.01 EXECUTION OF FINISH CARPENTRY:
- A. GENERAL. INSTALL FINISH CARPENTRY AND MILLWORK ITEMS, PLUMB, LEVEL AND TRUE, IN ACCORDANCE WITH INDUSTRY STANDARDS. BLIND NAIL WHERE POSSIBLE; SET FINISH NAILS FOR PUTTYING ON EXPOSED SURFACES. CAREFULLY FIT WOOD PLUGS IN COUNTERSUNK HOLES. TOOL MARKS OR ABRASIONS ON FINISH SURFACES ARE NOT ACCEPTABLE. WHERE ATTACHING TRIM TO DRYWALL SURFACES, USE PROPER FINISH HEAD DRYWALL SCREWS. DO NOT INSTALL TRIM UNTIL BACKS AND UNEXPOSED EDGES HAVE BEEN BACKPRIMED.

DIVISION 7 - THERMAL & MOISTURE PROTECTION

SECTION 07 2100 - BUILDING INSULATION

PART 1 - GENERAL

- 1.01 PROVIDE BUILDING INSULATION OF TYPES AS APPLICABLE:
- A. SOUND BATT INSULATION IN PARTITIONS
- B. EXISTING BATT INSULATION ABOVE CEILINGS SHALL BE REMOVED AS REQUIRED, SALVAGED AND REINSTALLED.
- 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 07 9200 - JOINT SEALANTS

PART 1 GENERAL

1.01 SUBMITTALS

- A. COLOR CARDS FOR SELECTION: WHERE SEALANT COLOR IS NOT SPECIFIED, SUBMIT MANUFACTURER'S COLOR CARDS SHOWING STANDARD COLORS AVAILABLE FOR SELECTION.

PART 2 PRODUCTS

2.01 JOINT SEALANT APPLICATIONS

- A. SCOPE
- 1. INTERIOR JOINTS: DO NOT SEAL INTERIOR JOINTS UNLESS SPECIFICALLY INDICATED TO BE SEALED. INTERIOR JOINTS TO BE SEALED INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING ITEMS.
- a. JOINTS BETWEEN DOOR, WINDOW, AND OTHER FRAMES AND ADJACENT CONSTRUCTION.
- 2. DO NOT SEAL THE FOLLOWING TYPES OF JOINTS.
- a. JOINTS WHERE SEALANT IS SPECIFIED TO BE PROVIDED BY MANUFACTURER OF PRODUCT TO BE SEALED.
- b. JOINTS BETWEEN SUSPENDED PANEL CEILINGS / GRID AND WALLS.
- B. INTERIOR JOINTS: USE NONSAG PAINTABLE POLYURETHANE SEALANT, UNLESS OTHERWISE INDICATED
- 1. WALL AND CEILING JOINTS IN NON-WET AREAS: ACRYLIC EMULSION LATEX SEALANT.

2.02 NONSAG JOINT SEALANTS

- A. NON-STAINING SILICONE SEALANT: ASTM C920, GRADE NS, USES M AND A; NOT EXPECTED TO WITHSTAND CONTINUOUS WATER IMMERSION OR TRAFFIC.
- 1. DIRT PICK-UP: REDUCED DIRT PICK-UP COMPARED TO OTHER SILICONE SEALANTS
- 2. COLOR: TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD RANGE.
- 3. CURE TYPE: SINGLE-COMPONENT, NEUTRAL MOISTURE CURING.
- B. POLYURETHANE SEALANT: ASTM C920, GRADE NS, USES M AND A; SINGLE COMPONENT; NOT EXPECTED TO WITHSTAND CONTINUOUS WATER IMMERSION OR TRAFFIC.
- 1. MOVEMENT CAPABILITY: PLUS AND MINUS 25 PERCENT, MINIMUM.
- 2. COLOR: MATCH ADJACENT FINISHED SURFACES.
- C. ACRYLIC EMULSION LATEX: WATER-BASED, ASTM C834, SINGLE COMPONENT, NON-STAINING, NON-BLEEDING, NON-SAGGING, NOT INTENDED FOR EXTERIOR USE.
- 1. COLOR: STANDARD COLORS MATCHING FINISHED SURFACES, TYPE OP (OPAQUE).

2.03 ACCESSORIES

- A. BACKER ROD: CYLINDRICAL CELLULAR FOAM ROD WITH SURFACE THAT SEALANT WILL NOT ADHERE TO, COMPATIBLE WITH SPECIFIC SEALANT USED, AND RECOMMENDED BY BACKING AND SEALANT MANUFACTURERS FOR SPECIFIC APPLICATION
- 1. TYPE FOR JOINTS NOT SUBJECT TO PEDESTRIAN OR VEHICULAR TRAFFIC: ASTM C1330; TYPE O - OPEN CELL POLYURETHANE.
- 2. OPEN CELL: 40 TO 50 PERCENT LARGER IN DIAMETER THAN JOINT WIDTH.
- B. BACKING TAPE: SELF-ADHESIVE POLYETHYLENE TAPE WITH SURFACE THAT SEALANT WILL NOT ADHERE TO AND RECOMMENDED BY TAPE AND SEALANT MANUFACTURERS FOR SPECIFIC APPLICATION.

PART 3 EXECUTION

3.01 INSTALLATION

- A. PERFORM WORK IN ACCORDANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS FOR PREPARATION OF SURFACES AND MATERIAL INSTALLATION INSTRUCTIONS.
- B. PERFORM INSTALLATION IN ACCORDANCE WITH ASTM C1193
- C. INSTALL BOND BREAKER BACKING TAPE WHERE BACKER ROD CANNOT BE USED.
- D. INSTALL SEALANT FREE OF AIR POCKETS, FOREIGN EMBEDDED MATTER, RIDGES, AND SAGS, AND WITHOUT GETTING SEALANT ON ADJACENT SURFACES.
- E. NONSAG SEALANTS: TOOL SURFACE CONCAVE, UNLESS OTHERWISE INDICATED, REMOVE MASKING TAPE IMMEDIATELY AFTER TOOLING SEALANT SURFACE.

DIVISION 8 - OPENINGS (DOORS)

SECTION 08 1416 - FLUSH WOOD DOORS

PART 1 GENERAL

- 1.01 DOORS SHALL COMPLY WITH ANSI/NWMA 1 S.-1 AND AIA ARCHITECTURAL WOODWORK QUALITY STANDARDS, PREMIUM GRADE.
- 1.02 REMOVE, SALVAGE AND TURN OVER TO BUILDING OWENR ANY DOORS THAT ARE REMOVED.
- 1.03 SUBMITTALS
- A. SAMPLES: SUBMIT TWO SAMPLES OF DOOR VENEER, MINIMUM 6 BY 6 INCH IN SIZE ILLUSTRATING WOOD GRAIN, STAIN COLOR, AND SHEEN, (MUST MATCH EXISTING - NO EXCEPTIONS).
- 1.04 WARRANTY
- A. INTERIOR DOORS: PROVIDE MANUFACTURER'S WARRANTY FOR THE LIFE OF THE INSTALLATION.

PART 2 PRODUCTS

2.01 DOORS

- A. ALL DOORS: SEE DRAWINGS FOR LOCATIONS AND ADDITIONAL REQUIREMENTS
- 1. QUALITY LEVEL: CUSTOM GRADE, STANDARD DUTY PERFORMANCE, IN ACCORDANCE WITH AIA/AWMAC/M (AWS).
- 2. WOOD VENEER FACED DOORS: 5-PLY UNLESS OTHERWISE INDICATED
- B. INTERIOR DOORS: 1-3/4 INCHES THICK UNLESS OTHERWISE INDICATED; FLUSH CONSTRUCTION
- 1. PROVIDE SOLID CORE DOORS AT ALL LOCATIONS.
- 2. WOOD VENEER FACING WITH FACTORY TRANSPARENT FINISH.

2.02 DOOR AND PANEL CORES

- A. NON-RATED SOLID CORE DOORS: TYPE PARTICLEBOARD CORE (PC), PLIES AND FACES AS INDICATED

2.03 DOOR FACINGS

- A. VENEER FACING FOR TRANSPARENT STAINED FINISH: NATURAL WOOD SPECIES, (MATCH EXISTING) VENEER GRADE IN ACCORDANCE WITH QUALITY STANDARD INDICATED, PLAIN SLICED (FLAT CUT), WITH BOOK MATCH BETWEEN LEAVES OF VENEER, RUNNING MATCH OF SPLICED VENEER LEAVES ASSEMBLED ON DOOR OR PANEL FACE.
- 1. VERTICAL EDGES: SAME SPECIES AS FACE VENEER (MATCH EXISTING).
- 2. "RUNNING MATCH" EACH PAIR OF DOORS AND DOORS IN CLOSE PROXIMITY TO EACH OTHER.

2.04 ACCESSORIES

- A. HINGES: PROVIDE THREE (3) HEAVY WEIGHT HINGES, MATCH EXISTING.
- B. GLAZING STOPS: WOOD, OF SAME SPECIES AS DOOR FACING, BUTTED CORNERS, PREPARED FOR COUNTERSINK STYLE SCREWS.

2.05 DOOR CONSTRUCTION

- A. FABRICATE DOORS IN ACCORDANCE WITH DOOR QUALITY STANDARD SPECIFIED.
- B. FACTORY MACHINE DOORS FOR HARDWARE OTHER THAN SURFACE-MOUNTED HARDWARE, IN ACCORDANCE WITH HARDWARE REQUIREMENTS AND DIMENSIONS
- C. FACTORY FIT DOORS FOR FRAME OPENING DIMENSIONS IDENTIFIED ON SHOP DRAWINGS, WITH EDGE CLEARANCES IN ACCORDANCE WITH SPECIFIED QUALITY STANDARD.

3.06 FACTORY FINISHING - WOOD VENEER DOORS

- A. FINISH WORK IN ACCORDANCE WITH AIA/AWMAC/M (AWS), - FINISHING FOR GRADE SPECIFIED AND AS FOLLOWS
- 1. TRANSPARENT:
- a. SYSTEM - 9, UV CURABLE, ACRYLATED EPOXY, POLYESTER OR URETHANE.
- b. STAIN: MATCH EXISTING
- c. SHEEN: MATCH EXISTING
- B. SEAL DOOR TOP EDGE WITH COLOR SEALER TO MATCH DOOR FACING.

PART 3 EXECUTION

3.01 INSTALLATION

- A. INSTALL DOORS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFIED QUALITY STANDARD
- B. COORDINATE INSTALLATION OF DOORS WITH INSTALLATION OF FRAMES AND HARDWARE.

DATE: FEB. 03, 2021

REVISIONS

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HUGHES ASSOCIATES ARCHITECTS & ENGINEERS

SUITE 312 RE-FRESH - COULTER BUILDING

WESTERN VIRGINIA WATER AUTHORITY

DRAWN BY: MTR

CHECKED BY: DJP

SPECIFICATIONS

COMMONWEALTH OF VIRGINIA

02/03/2021

D. JEFFERY PARKHILL

Arch. No. 3933

ARCHITECT

COMMISSION No.

20057

SHEET

SPC-1

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