

SECTION 01 00 00 - GENERAL CONDITIONS

A. PERFORM CONTRACT IN ACCORDANCE WITH DOCUMENTS AND PROCEDURES STIPULATED IN THE CURRENT EDITION OF AIA DOCUMENT A201, "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION."

B. PERFORM WORK IN ACCORDANCE WITH APPLICABLE LOCAL CODES, ORDINANCES, AND REGULATIONS.

C. THE REFERENCE STANDARDS AND PUBLICATIONS NOTED HEREIN SHALL BE PRESUMED TO BE THE CURRENT EDITION UNLESS NOTED OTHERWISE.

D. HEALTH CARE FACILITIES REQUIREMENTS:

- ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO THE OWNER'S REQUIREMENTS FOR INFECTION CONTROL AND RISK ASSESSMENT POLICIES (ICRA), CONSTRUCTION AND SAFETY POLICIES
- COPIES OF THE ABOVE ARE AVAILABLE FROM THE OWNER

SECTION 01 00 00 - GENERAL REQUIREMENTS

1.1 GENERAL INFORMATION:

A. CONTRACTOR SHALL INVESTIGATE JOB SITE TO COMPARE CONTRACT DOCUMENTS AND EXISTING CONDITIONS. INCLUDE COST FOR ALL WORK DESCRIBED AND OTHERWISE REQUIRED TO FULFILL THE INTENT OF THE CONTRACT DOCUMENTS AND REQUIRED OR IMPLIED BY EXISTING CONDITIONS. NOTIFY OWNER OF ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND NEW WORK, OMISSIONS OR CONFLICTS IN THE DRAWINGS AND ANY RESTRICTIONS RELATED TO THE EXECUTION OF THE WORK. IN THE CASE OF CONFLICTS BETWEEN DRAWINGS, OR NOTES AND DRAWINGS, IT SHALL BE ASSUMED THE STRICTEST CONDITION OR REQUIREMENT HAS BEEN INCLUDED IN THE COST AND SCOPE OF THE WORK.

1.2 STATEMENT OF BID ITEMS:

A. BASE BID: BASE BID SHALL INCLUDE ALL WORK INDICATED IN THE CONTRACT DOCUMENTS AND EXISTING CONDITIONS, UNLESS SPECIFICALLY AS NOTED IN THE CONTRACT DOCUMENTS (UNLESS SPECIFICALLY AS NOTED IN THE CONTRACT DOCUMENTS AS AN ALTERNATE WORK INCLUDES OBTAINING ALL PERMITS, GENERAL CONSTRUCTION, MECHANICAL, ELECTRICAL, AND PLUMBING WORK, AND NECESSARY REMOVAL OF EXISTING MATERIALS AND CONSTRUCTION AND CERTAIN OTHER ITEMS.

1.3 TEMPORARY FACILITIES AND EXISTING MATERIALS:

A. PRIOR TO SUBMITTING PROPOSAL FOR THE WORK, CONFIRM AVAILABILITY OF OWNER PROVIDED UTILITY SERVICES (INCLUDING BUT NOT LIMITED TO GAS AND WATER) AND COMPLY WITH APPLICABLE REQUIREMENTS DESCRIBED THEREIN, INCLUDING PROVIDING OF TEMPORARY FACILITIES AS NECESSARY TO COMPLETE THE WORK

1.4 FIRE SAFETY PRECAUTIONS:

A. SEPARATE NEW CONSTRUCTION FROM EXISTING OCCUPIED AREAS WITH ONE HOUR RATED JUST TIGHT PARTITIONS.

B. EXITS FOR OCCUPIED AREAS OF A BUILDING INCLUDING ROOMS, SUITES, CORRIDORS AND FLOORS SHALL NOT BE BLOCKED BY THE CONSTRUCTION OR BY CONSTRUCTION MATERIALS. SUBJECT TO APPROVAL OF THE BUILDING OFFICIAL, EXITS MAY BE BLOCKED TEMPORARILY IF IT IS UNAVOIDABLE AND ADEQUATE ALTERNATE MEASURES ARE PROVIDED SUCH AS SIGNAGE.

C. EXISTING FIRE PROTECTION SYSTEMS INCLUDING FIRE ALARM SYSTEMS, SMOKE DETECTION SYSTEMS, AND SPRINKLER SYSTEMS SHALL NOT BE IMPAIRED DURING CONSTRUCTION EXCEPT FOR DEVICES IN THE IMMEDIATE CONSTRUCTION AREA. AT THE END OF EACH WORK DAY, COMBUSTIBLE PACKAGING AND GRATING MATERIALS FOR BUILDING PRODUCTS AND EQUIPMENT TO BE INSTALLED SHALL BE REMOVED.

D. THE NECESSARY NUMBER AND APPROPRIATE TYPE OF PORTABLE FIRE EXTINGUISHERS PER NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARD NO. 19 AND 241 SHALL BE PROVIDED FOR ALL CONSTRUCTION AREAS.

E. INSTALLATION OF SPRINKLER SYSTEMS, STANDPIPE SYSTEMS, AND FIRE ALARM SYSTEMS, SHALL BE GIVEN PRIORITY AND PLACED INTO SERVICE AS SOON AS PRACTICAL.

F. MAINTAIN CONSTRUCTION SITE TO PERMIT ACCESS OF FIRE DEPARTMENT PERSONNEL. CLEAR BUILDING CONSTRUCTION AREAS OF UNNECESSARY OBSTRUCTIONS SO THAT ALL PORTIONS ARE ACCESSIBLE FOR FIRE DEPARTMENT APPARATUS AND PERMIT EMERGENCY EGRESS OF CONSTRUCTION AND OTHER PERSONNEL.

G. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PREVENT ACCIDENTAL FIRE OR SMOKE DURING CONSTRUCTION. MINIMIZE THE AMOUNT OF DUST GENERATED IN THE VICINITY OF ANY SMOKE DETECTORS.

H. ALL CONSTRUCTION ACTIVITIES NOT ALREADY COVERED ABOVE SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF NFPA NO. 241 STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, IN EFFECT AT TIME OF CONTRACT AWARD.

1.5 OPERATIONS AND STORAGE AREAS

A. PHASING: WORK SHALL BE PHASSED SO AS TO MINIMIZE INTERFERENCE OF ADJOINING OPERATIONS, WHICH ARE TO REMAIN IN SERVICE DURING CONSTRUCTION.

B. OTHER BUILDING AREAS WILL BE OCCUPIED DURING THE PERFORMANCE OF WORK.

C. CONTRACTOR SHALL TAKE ALL MEASURES AND PROVIDE ALL MATERIAL NECESSARY FOR PROTECTING EXISTING EQUIPMENT AND PROPERTY IN AFFECTED AREAS OF CONSTRUCTION AGAINST DUST AND DEBRIS, SO THAT EQUIPMENT AND AFFECTED AREAS TO BE USED IN THE OPERATIONS WILL NOT BE HINDERED. COORDINATE ALTERATION WORK AREAS AND OPERATIONS SO THAT ALL OPERATIONS WILL CONTINUE DURING THE CONSTRUCTION PERIOD.

D. UTILITIES SERVICES: MAINTAIN EXISTING UTILITY SERVICES AT ALL TIMES. PROVIDE TEMPORARY FACILITIES, LABOR MATERIALS, AND EQUIPMENT TO MAKE CONNECTIONS, AND UTILITIES TO ASSURE UNINTERRUPTED SERVICES. WHERE NECESSARY TO CUT EXISTING WATER, STEAM, GAS, SEWER OR AIR PIPES, OR CONDUIITS, WIRES, CABLES, ETC., OR UTILITIES SERVICES OR OF FIRE PROTECTION SYSTEMS, AND COMMUNICATIONS SYSTEMS AND EQUIPMENT, THEY SHALL BE CUT AND CAPPED AT SUITABLE PLACES WHERE SHOWN, OR, IN ABSENCE OF SUCH INDICATION, WHERE DIRECTED BY OWNER.

E. NO UTILITY SERVICE SUCH AS WATER, GAS, STEAM, SEWERS OR ELECTRICITY, OR FIRE PROTECTION SYSTEMS AND COMMUNICATIONS SYSTEMS MAY BE INTERRUPTED WITHOUT PRIOR APPROVAL OF THE BUILDING MANAGER.

1.6 ALTERATIONS

A. EXISTING FACILITIES SHALL REMAIN IN FULL OPERATION DURING CONSTRUCTION WORK. MAINTAIN ACCESS TO BUILDING AT ALL TIMES. PREVENT INTERRUPTION IN OPERATIONS OR SERVICES.

B. PROTECT PERSONS, EQUIPMENT AND PROPERTY FROM HARM RESULTING FROM ALTERATION WORK... ENSURE LEAST INCONVENIENCE TO EMPLOYEES AND GENERAL PUBLIC.

C. DO NOT DISCONNECT EXISTING UTILITIES UNTIL NEW ONES HAVE BEEN INSTALLED. GIVE WRITTEN NOTICE TO OWNER PRIOR TO INTERRUPTION OF EXISTING FUNCTIONING UTILITY SERVICES.

D. MAINTAIN EXISTING FIRE PROTECTION PROVISIONS.

E. PROVIDE TEMPORARY BARRICADES, BARRIERS, AND DIRECTIONAL SIGNAGE TO EXCLUDE THE PUBLIC FROM ALL ALTERATION WORK.

F. DO NOT BLOCK REQUIRED FIRE EXITS. KEEP BARRIERS OPEN, CLEAN AND NEAT. ERECT TEMPORARY BARRIERS TO FORM AND MAINTAIN FIRE EGRESS ROUTES.

G. ERECT TEMPORARY PROTECTIVE COVERS OVER WALKWAYS AND AT POINTS OF ENTRANCE AND EXIT THAT MUST REMAIN IN SERVICE DURING ALTERATION WORK.

H. INSTALL TEMPORARY NON-COMBUSTIBLE PARTITIONS, WHERE NECESSARY TO PROTECT EXISTING FACILITIES FROM WEATHER AND DUST. PROVIDE ACCESS DOORS AS REQUIRED.

I. CONTAIN DUST AND DEBRIS GENERATED BY ALTERATION WORK AND PREVENT IT FROM REACHING THE PUBLIC OR ADJACENT SURFACES.

J. PROVIDE SHORING, BRACING, AND SUPPORTS AS NECESSARY, DO NOT OVERLOAD STRUCTURAL ELEMENTS.

K. PROTECT FLOORS AND OTHER SURFACES ALONG HAULING ROUTES FROM DAMAGE AND STAINING.

L. PROVIDE SUPPLEMENTAL SOUND CONTROL TREATMENT TO ISOLATE DEMOLITION WORK FROM OTHER AREAS OF THE BUILDING.

M. TEMPORARILY CLOSE OFF ALL AIR RETURNS FROM THE CONSTRUCTION AREA.

N. PROTECT FINISHES IN OCCUPIED AREAS, ELEVATORS, LOBBY, ETC.

O. MAINTAIN PRESENT ROOFS AND WALLS IN WATERPROOF CONDITION. SEAL OPENINGS AND EXPOSED PORTIONS OF CONSTRUCTION, WATERIGHT UNTIL NEW WORK IS IN PLACE.

1.7 PROTECTION OF EXISTING STRUCTURES, EQUIPMENT, UTILITIES AND IMPROVEMENTS

A. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL STRUCTURES AND EQUIPMENT ON OR ADJACENT TO THE WORK SITE, WHICH ARE NOT TO BE REMOVED AND WHICH DO NOT UNREASONABLY INTERFERE WITH THE WORK REQUIRED UNDER THIS CONTRACT.

B. THE CONTRACTOR SHALL PROTECT FROM DAMAGE ALL EXISTING IMPROVEMENTS AND UTILITIES AT OR NEAR THE WORK SITE AND ON ADJACENT PROPERTY OF A THIRD PARTY, OR THE LOCATIONS OF WHICH ARE MADE KNOWN TO OR SHOULD BE MADE KNOWN BY THE CONTRACTOR. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THOSE FACILITIES, INCLUDING THOSE THAT ARE THE PROPERTY OF A THIRD PARTY, RESULTING FROM FAILURE TO COMPLY WITH THE REQUIREMENTS OF THIS CONTRACT OR FAILURE TO TAKE THE NECESSARY PRECAUTIONS IN PERFORMING THE WORK. IF THE CONTRACTOR FAILS OR REFUSES TO REPAIR THE DAMAGE PROMPTLY, THE OWNER MAY HAVE THE NECESSARY WORK PERFORMED AND CHARGE THE COST TO THE CONTRACTOR.

1.8 KEYS

A. THE PROJECT SUPERINTENDENT MAY BE ISSUED A MAXIMUM OF ONE (1) KEY FOR ACCESS TO THE ANY MECHANICAL/ELECTRICAL SERVICE BAYS), ROOMS, AND ANY INTERSTITIAL SPACES. THE CONTRACTOR IS RESPONSIBLE FOR THE SECURITY OF THE KEYS DURING THE CONTRACT PERIOD AND MUST RETURN THE KEYS PRIOR TO FINAL SETTLEMENT. A CHARGE OF ONE HUNDRED DOLLARS (\$100.00) WILL BE ASSESSED FOR THE LOST OR UNRETURNED KEY. FINAL SETTLEMENT WILL BE ADJUSTED ACCORDINGLY.

1.9 WARRANTY OF CONSTRUCTION

A. IN ADDITION TO ANY OTHER WARRANTIES IN THIS CONTRACT, THE CONTRACTOR WARRANTS, EXCEPT AS NOTED, THAT WORK PERFORMED UNDER THIS CONTRACT CONFORMS TO THE CONTRACT REQUIREMENTS AND IS FREE OF ANY DEFECT IN EQUIPMENT, MATERIAL, OR DESIGN FURNISHED, OR WORKMANSHIP PERFORMED BY THE CONTRACTOR OR ANY SUBCONTRACTOR OR SUPPLIER AT ANY TIME.

B. THIS WARRANTY SHALL CONTINUE FOR A PERIOD ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK. IF THE OWNER TAKES POSSESSION OF ANY PART OF THE WORK BEFORE THE FINAL ACCEPTANCE, THIS WARRANTY SHALL CONTINUE FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE WORK.

C. THE CONTRACTOR SHALL REMEDY AT THE CONTRACTOR'S EXPENSE ANY FAILURE TO CONFORM, OR ANY DEFECT. IN ADDITION, THE CONTRACTOR SHALL REMEDY AT THE CONTRACTOR'S EXPENSE ANY DAMAGE TO OWNER OWNED OR CONTROLLED REAL OR PERSONAL PROPERTY, WHEN THAT DAMAGE IS THE RESULT OF:

- THE CONTRACTOR'S FAILURE TO CONFORM TO CONTRACT REQUIREMENTS; OR
- ANY DEFECT OF EQUIPMENT, MATERIAL, WORKMANSHIP, OR DESIGN FURNISHED.

SECTION 01 14 00 - WORK RESTRICTIONS

1.1 WORK RESTRICTIONS

A. NO SMOKING ALLOWED WITHIN THE BUILDING OR CAMPUS.

B. CONTRACTOR'S USE OF PREMISES: DURING CONSTRUCTION, CONTRACTOR WILL HAVE FULL USE OF AREA INDICATED. CONTRACTOR'S USE OF PREMISES IS LIMITED TO THE WORK DESCRIBED IN THE CONTRACT DOCUMENTS AND TO THE CONTRACTOR'S PORTIONS OF PROJECT AND AS FOLLOWS:

- IF OWNER MAY OCCUPY PREMISES DURING CONSTRUCTION, PERFORM CONSTRUCTION AT TIMES INDICATED IN THE BIDDING DOCUMENTS. COOPERATE WITH OWNER TO MINIMIZE CONFLICTS AND FACILITATE OWNER USAGE. DO NOT INTERFERE WITH OWNER'S OPERATIONS. CLEAN UP WORK AREAS AND RETURN TO USABLE CONDITION AT THE END OF EACH WORK DAY.
- PARTIAL OWNER OCCUPANCY: OWNER RESERVES RIGHT TO OCCUPY AND TO PLACE AND INSTALL EQUIPMENT IN COMPLETED AREAS OF BUILDING PRIOR TO SUBSTANTIAL COMPLETION. IDENTIFY AND INCORPORATE INFORMATION IN EACH ELECTRONIC SUBMITTAL FILE AS FOLLOWS:
 - ASSEMBLE COMPLETE SUBMITTAL PACKAGE INTO A SINGLE BOOKMARKED FILE FOR ARCHITECT'S REVIEW AND COMMENT. IDENTIFY THE PROJECT SECTION AND TRANSMITTAL FORM WITH LINKS ENABLING NAVIGATION TO EACH ITEM.
 - NAME FILE WITH SUBMITTAL NUMBER OR OTHER UNIQUE IDENTIFIER, INCLUDING REVISION IDENTIFIER.
 - FILE NAME SHALL USE PROJECT IDENTIFIER AND SPECIFICATION SECTION NUMBER AND SEQUENTIAL NUMBER IN A SEQUENTIAL NUMBER (E.G. LNS-061000.01). RESUBMITTALS SHALL INCLUDE AN ALPHABETIC SUFFIX AFTER ANOTHER DECIMAL POINT (E.G. LNS-061000.01.A).
- PROVIDE MEANS FOR INSERTION TO PERMANENTLY RECORD CONTRACTOR'S REVIEW AND APPROVAL MARKINGS AND ACTION TAKEN BY ARCHITECT.
- CONTRACTOR'S COMMENTS OR QUESTIONS SHALL BE INSERTED INTO FILE IN A MANNER THAT ALLOWS PRINTING OF THE PAGE BOUNDARIES OF THE DOCUMENT. POP-UP COMMENT BUBBLES ARE UNACCEPTABLE.
- METADATA: INCLUDE THE FOLLOWING INFORMATION AS KEYWORDS IN THE ELECTRONIC SUBMITTAL FILE METADATA:
 - PROJECT NAME
 - DATE
 - NAME AND ADDRESS OF CONTRACTOR
 - NAME AND ADDRESS OF SUBCONTRACTOR OR SUPPLIER
 - NUMBER AND TITLE OF APPROPRIATE SPECIFICATION SECTION
 - IDENTIFY DEVIATIONS FROM THE CONTRACT DOCUMENTS ON SUBMITTALS.

F. IDENTIFY DEVIATIONS FROM THE CONTRACT DOCUMENTS ON SUBMITTALS. ELECTRONIC SUBMITTALS: IDENTIFY AND INCORPORATE INFORMATION IN EACH ELECTRONIC SUBMITTAL FILE AS FOLLOWS:

- ASSEMBLE COMPLETE SUBMITTAL PACKAGE INTO A SINGLE BOOKMARKED FILE FOR ARCHITECT'S REVIEW AND COMMENT. IDENTIFY THE PROJECT SECTION AND TRANSMITTAL FORM WITH LINKS ENABLING NAVIGATION TO EACH ITEM.
- NAME FILE WITH SUBMITTAL NUMBER OR OTHER UNIQUE IDENTIFIER, INCLUDING REVISION IDENTIFIER.
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- CONTRACTOR'S COMMENTS OR QUESTIONS SHALL BE INSERTED INTO FILE IN A MANNER THAT ALLOWS PRINTING OF THE PAGE BOUNDARIES OF THE DOCUMENT. POP-UP COMMENT BUBBLES ARE UNACCEPTABLE.
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 - PROJECT NAME
 - DATE
 - NAME AND ADDRESS OF CONTRACTOR
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G. IDENTIFY DEVIATIONS FROM THE CONTRACT DOCUMENTS ON SUBMITTALS. ELECTRONIC SUBMITTALS: IDENTIFY AND INCORPORATE INFORMATION IN EACH ELECTRONIC SUBMITTAL FILE AS FOLLOWS:

- ASSEMBLE COMPLETE SUBMITTAL PACKAGE INTO A SINGLE BOOKMARKED FILE FOR ARCHITECT'S REVIEW AND COMMENT. IDENTIFY THE PROJECT SECTION AND TRANSMITTAL FORM WITH LINKS ENABLING NAVIGATION TO EACH ITEM.
- NAME FILE WITH SUBMITTAL NUMBER OR OTHER UNIQUE IDENTIFIER, INCLUDING REVISION IDENTIFIER.
- FILE NAME SHALL USE PROJECT IDENTIFIER AND SPECIFICATION SECTION NUMBER AND SEQUENTIAL NUMBER IN A SEQUENTIAL NUMBER (E.G. LNS-061000.01). RESUBMITTALS SHALL INCLUDE AN ALPHABETIC SUFFIX AFTER ANOTHER DECIMAL POINT (E.G. LNS-061000.01.A).
- PROVIDE MEANS FOR INSERTION TO PERMANENTLY RECORD CONTRACTOR'S REVIEW AND APPROVAL MARKINGS AND ACTION TAKEN BY ARCHITECT.
- CONTRACTOR'S COMMENTS OR QUESTIONS SHALL BE INSERTED INTO FILE IN A MANNER THAT ALLOWS PRINTING OF THE PAGE BOUNDARIES OF THE DOCUMENT. POP-UP COMMENT BUBBLES ARE UNACCEPTABLE.
- METADATA: INCLUDE THE FOLLOWING INFORMATION AS KEYWORDS IN THE ELECTRONIC SUBMITTAL FILE METADATA:
 - PROJECT NAME
 - DATE
 - NAME AND ADDRESS OF CONTRACTOR
 - NAME AND ADDRESS OF SUBCONTRACTOR OR SUPPLIER
 - NUMBER AND TITLE OF APPROPRIATE SPECIFICATION SECTION
 - IDENTIFY DEVIATIONS FROM THE CONTRACT DOCUMENTS ON SUBMITTALS.

H. PROCESSING TIME: ALLOW TIME FOR SUBMITTAL REVIEW, INCLUDING TIME FOR RESUBMITTALS, AS REQUIRED BY THE ARCHITECT. THE REVIEW SHALL COME ON ARCHITECT'S RECEIPT OF SUBMITTAL. NO EXTENSION OF THE CONTRACT TIME WILL BE AUTHORIZED BECAUSE OF FAILURE TO TRANSMIT SUBMITTALS ENOUGH IN ADVANCE OF THE REVIEW PERIOD TO ALLOW REVIEW WITH SAME TYPE AND SIZE OF MATERIALS.

1.4 TEMPORARY UTILITY INSTALLATION

A. GENERAL: INSTALL TEMPORARY SERVICE OR CONNECT TO EXISTING SERVICE.

- ARRANGE WITH UTILITY COMPANY, OWNER, OR EXISTING UTILITIES FOR TIME WHEN SERVICE CAN BE INTERRUPTED, IF NECESSARY, TO MAKE CONNECTIONS FOR TEMPORARY SERVICES.

B. SANITARY FACILITIES: PROVIDE TEMPORARY TOILETS, WASH FACILITIES, AND DRINKING-WATER FIXTURES. COMPLY WITH REGULATIONS AND HEALTH CODES FOR TYPE, NUMBER, LOCATION, OPERATION, AND MAINTENANCE OF FIXTURES AND FACILITIES.

C. EXISTING SANITARY FACILITIES: WHEN USE OF OWNERS EXISTING TOILET FACILITIES ARE PERMITTED, KEEP FACILITIES ARE CLEAN AND MAINTAINED IN A CONDITION ACCEPTABLE TO OWNER. AT SUBSTANTIAL COMPLETION, RESTORE THESE FACILITIES TO CONDITION EXISTING BEFORE INITIAL USE.

D. HEATING AND COOLING: PROVIDE TEMPORARY HEATING AND COOLING REQUIRED FOR CURING OR DRYING OF COMPLETED INSTALLATIONS OR FOR PROTECTING INSTALLED CONSTRUCTION FROM ADVERSE EFFECTS OF LOW TEMPERATURES OR HIGH HUMIDITY. SELECT EQUIPMENT THAT WILL NOT HAVE A HARMFUL EFFECT ON COMPLETED INSTALLATIONS OR ELEMENTS BEING INSTALLED.

E. TEMPORARY LIGHTING WITH LOCAL SWITCHING THAT PROVIDES ADEQUATE ILLUMINATION FOR CONSTRUCTION OPERATIONS, OBSERVATIONS, INSPECTIONS, AND TRAFFIC CONDITIONS.

1.5 SUPPORT FACILITIES INSTALLATION

A. WASTE DISPOSAL FACILITIES: PROVIDE WASTE-COLLECTION CONTAINERS IN SITES ADEQUATE TO HANDLE WASTE FROM CONSTRUCTION OPERATIONS. CONFORM WITH REGULATIONS OF AUTHORITIES HAVING JURISDICTION.

B. USE OF OWNERS EXISTING ELEVATORS WILL BE PERMITTED, PROVIDED ELEVATORS ARE CLEANED AND MAINTAINED IN A CONDITION ACCEPTABLE TO OWNER. PROVIDE PROTECTIVE COVERINGS, BARRIERS, DEVICES, SIGNS, OR OTHER PROCEDURES TO PROTECT ELEVATOR CAR AND ENTRANCE DOORS AND FRAME. AT SUBSTANTIAL COMPLETION, RESTORE ELEVATORS TO CONDITION EXISTING BEFORE INITIAL USE, INCLUDING REPLACING POWER CABLES, GUIDE SHOES, AND SIMILAR ITEMS OF LIMITED LIFE.

1.6 SECURITY AND PROTECTION FACILITIES INSTALLATION

A. PROVIDE PROTECTION, OPERATE TEMPORARY FACILITIES, AND CONDUCT CONSTRUCTION AS REQUIRED TO COMPLY WITH ENVIRONMENTAL REGULATIONS AND THAT MINIMIZE POSSIBLE AIR, WATER, AND SOIL CONTAMINATION OR POLLUTION OR OTHER UNDESIRABLE EFFECTS.

B. PROVIDE FLOOR-TO-CEILING OUTDOOR PARTITIONS TO LIMIT DUST AND DIRT MIGRATION THAT ALLOWS OPENING AREAS COVERED BY OWNER AND TENANTS FROM FUMES AND NOISE.

C. INSTALL AND MAINTAIN TEMPORARY FIRE-PROTECTION FACILITIES. COMPLY WITH REGULATIONS AND TRAFFIC CONDITIONS.

1.7 MOISTURE AND MOLD CONTROL

A. DO NOT LOAD OR INSTALL DRYWALL OR POROUS MATERIALS INTO PARTIALLY ENCLOSED BUILDING.

B. DISCARD WATER-DAMAGED AND WET MATERIAL AND MATERIAL THAT BEGINS TO GROW MOLD.

1.8 OPERATION, TERMINATION, AND REMOVAL

A. SUPERVISION: ENFORCE STRICT DISCIPLINE IN USE OF TEMPORARY FACILITIES. TO MINIMIZE WASTE AND ABUSE, LIMIT AVAILABILITY OF TEMPORARY FACILITIES TO ESSENTIAL AND INTENDED USES.

B. REMOVE EACH TEMPORARY FACILITY WHEN NEED FOR ITS SERVICE HAS ENDED, WHEN IT HAS BEEN REPLACED BY AUTHORIZED USE OF A PERMANENT FACILITY, OR NO LATER THAN SUBSTANTIAL COMPLETION.

SECTION 01 60 00 - PRODUCT REQUIREMENTS

1.1 GENERAL

A. COMPARABLE PRODUCT REQUESTS:

- SUBMIT REQUEST FOR CONSIDERATION OF EACH COMPARABLE PRODUCT. DO NOT SUBMIT UNAPPROVED PRODUCTS ON SHOP DRAWINGS OR OTHER SUBMITTALS. USE CSI FORM 13.1A.
- IDENTIFY PRODUCT TO BE REVIEWED AND SHOW COMPLIANCE WITH REQUIREMENTS FOR COMPARABLE PRODUCT REQUESTS. INCLUDE A DETAILED COMPARISON OF SIGNIFICANT QUALITIES OF PROPOSED SUBSTITUTION WITH THOSE OF THE WORK SPECIFIED.
- CONTRACTOR WILL REVIEW THE PROPOSED PRODUCT AND NOTIFY ARCHITECT OF ITS ACCEPTANCE OR REJECTION.

B. BASIS-OF-DESIGN PRODUCT IDENTIFICATION AND IDENTIFICATION WITH REQUIREMENTS.

C. COMPATIBILITY OF OPTIONS: IF CONTRACTOR IS GIVEN OPTION OF SELECTING BETWEEN TWO OR MORE PRODUCTS, SELECT PRODUCT COMPATIBLE WITH PRODUCTS PREVIOUSLY SELECTED.

SECTION 01 74 00 - CLEANING REQUIREMENTS

1.1 CLEANING

A. CLEAN PROJECT SITE AND WORK AREAS DAILY, INCLUDING COMMON AREAS.

B. DISPOSE OF MATERIALS LAWFULLY.

C. EXCLUDE WINDOWN ASSEMBLIES AND NONSTRUCTURAL ROOFING MATERIAL NOT INDICATED TO BE DEMOLISHED; DO NOT DEMOLISH SUCH EXISTING CONSTRUCTION BEYOND INDICATED LIMITS.

D. REMOVE DEBRIS FROM CONCRETE SURFACES BEFORE DEMOLITION OF THE SPACE.

E. CONDUCT CLEANING AND WASTE-REMOVAL OPERATIONS TO COMPLY WITH LOCAL, STATE, AND FEDERAL AND LOCAL ENVIRONMENTAL AND AIR-POLLUTION REGULATIONS.

F. COMPLY WITH SAFETY STANDARDS FOR CLEANING. DO NOT BURN WASTE MATERIALS. DO NOT BURN DEBRIS OR EXCESS MATERIALS ON OTHER PROPERTY. DO NOT DISCHARGE VOLATILE, HARMFUL, OR DANGEROUS MATERIALS INTO DRAINAGE SYSTEMS. REMOVE WASTE MATERIALS FROM PROJECT SITE AND DISPOSE OF LAWFULLY.

1.2 FINAL CLEANING

A. COMPLETE FINAL CLEANING OPERATIONS BEFORE REQUESTING INSPECTION FOR CERTIFICATION OF SUBSTANTIAL COMPLETION.

B. CLEANING: EMPLOY EXPERIENCED WORKERS OR PROFESSIONAL CLEANERS FOR FINAL CLEANING OF BUILDING SURFACE OR UNIT TO CONDITION EXPECTED IN AN AVERAGE COMMERCIAL, BUILDING OPERATING AND MAINTENANCE PROGRAM. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

C. COMPLETE FINAL CLEANING OPERATIONS BEFORE REQUESTING INSPECTION FOR CERTIFICATION OF SUBSTANTIAL COMPLETION FOR ENTIRE PROJECT OR FOR A PORTION OF PROJECT.

D. CLEAN PROJECT SITE AND WORK AREAS DAILY BY CONSTRUCTION ACTIVITIES OF RUBBISH, WASTE MATERIAL, LITTER, AND OTHER FOREIGN SUBSTANCES.

E. REMOVE TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY, AND SURPLUS MATERIAL FROM PROJECT SITE.

F. SWEEP CONCRETE FLOORS BROOM CLEAN IN UNOCCUPIED SPACES.

G. VACUUM CARPET AND SIMILAR SOFT SURFACES, REMOVING DEBRIS AND EXCESS SOAP, SHAMPOO, IF SOLUBLE, OR STAIN REMOVERS.

H. CLEAN TRANSPARENT MATERIALS, INCLUDING MIRRORS AND GLASS IN DOORS AND WINDOWS, REMOVE GLAZING COMPOUNDS AND OTHER NOTICEABLE VISION-OBSCURING MATERIALS. REPLACE CHIPPED OR BROKEN GLASS ON OTHER DAMAGED TRANSPARENT MATERIALS. POLISH MIRRORS AND GLASS, TAKING CARE NOT TO SCRATCH SURFACES.

I. REMOVE LABELS THAT ARE NOT PERMANENT.

J. TOUCH-UP AND OTHERWISE REPAIR AND RESTORE MARRED, EXPOSED FINISHES AND SURFACES. REPLACE FINISHES AND SURFACES THAT CANNOT BE SATISFACTORILY REPAIRED OR RESTORED OR THAT ALREADY SHOW EVIDENCE OF REPAIR OR RESTORATION.

K. DO NOT PAINT OVER "UL" AND SIMILAR LABELS, INCLUDING MECHANICAL AND ELECTRICAL NAMEPLATES.

L. REMOVE PROTECTIVE COVERINGS.

M. REMOVE ALL SURPLUS MATERIALS WHICH ARE TO REMAIN PROPERTY OF THE CONTRACTOR. OBTAIN THE OWNER'S INSTRUCTIONS AS TO DISPOSITION OF SURPLUS MATERIALS REMAINING ON SITE AND DELIVER, STORE, OR DISPOSE OF AS DIRECTED.

N. IN SPACES TO BE OCCUPIED, REMOVE DIRT, STAINS, AND OTHER FOREIGN SUBSTANCES FROM ALL ACCESSIBLE SURFACES AND REMOVE NONPERMANENT LABELS.

O. REMOVE PAINT AND OTHER COATINGS FROM PERMANENT LABELS AND FROM MECHANICAL AND ELECTRICAL EQUIPMENT NAMEPLATES.

P. Wipe surfaces of mechanical and electrical equipment, elevator equipment, and similar equipment. REMOVE EXCESS LUBRICATION PANT FROM MECHANICAL EQUIPMENT.

Q. REPLACE PARTS SUBJECT TO UNUSUAL OPERATING CONDITIONS.

R. CLEAN PLUMBING FIXTURES TO A SANITARY CONDITION. FREE OF STAINS.

S. REPLACE DISPOSABLE AIR FILTERS AND CLEAN PERMANENT AIR FILTERS. CLEAN EXPOSED SURFACES OF DIFFUSERS, REGISTERS, AND GRILLS.

T. CLEANSE REFRIGERATORS, REFRIGERATION SELECTORS TO FUNCTION WITH FULL EFFICIENCY. REPLACE BURNED-OUT BULBS, AND THOSE NOTICEABLY DIMMED BY HOURS OF USE, AND DEFECTIVE AND NOISY STARTERS IN FLUORESCENT AND MERCURY-VAPOR FIXTURES TO COMPLY WITH MANUFACTURER'S REPAIR INSTRUCTIONS FOR NEW FIXTURES.

U. DISPOSE OF DEBRIS IN A LAWFUL MANNER.

V. DO NOT DISPOSE OF VOLATILE WASTES IN STORM OR SANITARY DRAINS. LEAVE THE PROJECT CLEAN AND READY FOR OCCUPANCY.

SECTION 01 77 00 - CLOSURE REQUIREMENTS

1.1 CLOSURE SUBMITTALS

A. PREPARE AND SUBMIT CLOSURE SUBMITTALS. MAINTAIN A SET OF PRINTS OF THE CONTRACT DRAWINGS AS RECORD DRAWINGS. MARK TO SHOW ACTUAL INSTALLATION WHERE INSTALLATION VARIES FROM THAT SHOWN ORIGINALLY.

- IDENTIFY AND DATE ALL CHANGES TO THE DESIGNATION "PROJECT RECORD DRAWING" IN A PROMINENT LOCATION.

3. PERMANENT HVAC SYSTEM: IF OWNER AUTHORIZES USE OF PERMANENT HVAC SYSTEM FOR TEMPORARY USE DURING CONSTRUCTION, PROVIDE FILTER WITH MERV OF 8 AT EACH RETURN-AIR GRILLE IN SYSTEM AND REMOVE AT END OF CONSTRUCTION.

1.4 TEMPORARY UTILITY INSTALLATION

A. GENERAL: INSTALL TEMPORARY SERVICE OR CONNECT TO EXISTING SERVICE.

- ARRANGE WITH UTILITY COMPANY, OWNER, OR EXISTING UTILITIES FOR TIME WHEN SERVICE CAN BE INTERRUPTED, IF NECESSARY, TO MAKE CONNECTIONS FOR TEMPORARY SERVICES.

B. SANITARY FACILITIES: PROVIDE TEMPORARY TOILETS, WASH FACILITIES, AND DRINKING-WATER FIXTURES. COMPLY WITH REGULATIONS AND HEALTH CODES FOR TYPE, NUMBER, LOCATION, OPERATION, AND MAINTENANCE OF FIXTURES AND FACILITIES.

C. EXISTING SANITARY FACILITIES: WHEN USE OF OWNERS EXISTING TOILET FACILITIES ARE PERMITTED, KEEP FACILITIES ARE CLEAN AND MAINTAINED IN A CONDITION ACCEPTABLE TO OWNER. AT SUBSTANTIAL COMPLETION, RESTORE THESE FACILITIES TO CONDITION EXISTING BEFORE INITIAL USE.

D. HEATING AND COOLING: PROVIDE TEMPORARY HEATING AND COOLING REQUIRED FOR CURING OR DRYING OF COMPLETED INSTALLATIONS OR FOR PROTECTING INSTALLED CONSTRUCTION FROM ADVERSE EFFECTS OF LOW TEMPERATURES OR HIGH HUMIDITY. SELECT EQUIPMENT THAT WILL NOT HAVE A HARMFUL EFFECT ON COMPLETED INSTALLATIONS OR ELEMENTS BEING INSTALLED.

E. TEMPORARY LIGHTING WITH LOCAL SWITCHING THAT PROVIDES ADEQUATE ILLUMINATION FOR CONSTRUCTION OPERATIONS, OBSERVATIONS, INSPECTIONS, AND TRAFFIC CONDITIONS.

1.5 SUPPORT FACILITIES INSTALLATION

A. WASTE DISPOSAL FACILITIES: PROVIDE WASTE-COLLECTION CONTAINERS IN SITES ADEQUATE TO HANDLE WASTE FROM CONSTRUCTION OPERATIONS. CONFORM WITH REGULATIONS OF AUTHORITIES HAVING JURISDICTION.

B. USE OF OWNERS EXISTING ELEVATORS WILL BE PERMITTED, PROVIDED ELEVATORS ARE CLEANED AND MAINTAINED IN A CONDITION ACCEPTABLE TO OWNER. PROVIDE PROTECTIVE COVERINGS, BARRIERS, DEVICES, SIGNS, OR OTHER PROCEDURES TO PROTECT ELEVATOR CAR AND ENTRANCE DOORS AND FRAME. AT SUBSTANTIAL COMPLETION, RESTORE ELEVATORS TO CONDITION EXISTING BEFORE INITIAL USE, INCLUDING REPLACING POWER CABLES, GUIDE SHOES, AND SIMILAR ITEMS OF LIMITED LIFE.

1.6 SECURITY AND PROTECTION FACILITIES INSTALLATION

A. PROVIDE PROTECTION, OPERATE TEMPORARY FACILITIES, AND CONDUCT CONSTRUCTION AS REQUIRED TO COMPLY WITH ENVIRONMENTAL REGULATIONS AND THAT MINIMIZE POSSIBLE AIR, WATER, AND SOIL CONTAMINATION OR POLLUTION OR OTHER UNDESIRABLE EFFECTS.

B. PROVIDE FLOOR-TO-CEILING OUTDOOR PARTITIONS TO LIMIT DUST AND DIRT MIGRATION THAT ALLOWS OPENING AREAS COVERED BY OWNER AND TENANTS FROM FUMES AND NOISE.

C. INSTALL AND MAINTAIN TEMPORARY FIRE-PROTECTION FACILITIES. COMPLY WITH REGULATIONS AND TRAFFIC CONDITIONS.

1.7 MOISTURE AND MOLD CONTROL

A. DO NOT LOAD OR INSTALL DRYWALL OR POROUS MATERIALS INTO PARTIALLY ENCLOSED BUILDING.

B. DISCARD WATER-DAMAGED AND WET MATERIAL AND MATERIAL THAT BEGINS TO GROW MOLD.

1.8 OPERATION, TERMINATION, AND REMOVAL

A. SUPERVISION: ENFORCE STRICT DISCIPLINE IN USE OF TEMPORARY FACILITIES. TO MINIMIZE WASTE AND ABUSE, LIMIT AVAILABILITY OF TEMPORARY FACILITIES TO ESSENTIAL AND INTENDED USES.

B. REMOVE EACH TEMPORARY FACILITY WHEN NEED FOR ITS SERVICE HAS ENDED, WHEN IT HAS BEEN REPLACED BY AUTHORIZED USE OF A PERMANENT FACILITY, OR NO LATER THAN SUBSTANTIAL COMPLETION.

SECTION 01 60 00 - PRODUCT REQUIREMENTS

1.1 GENERAL

A. COMPARABLE PRODUCT REQUESTS:

- SUBMIT REQUEST FOR CONSIDERATION OF EACH COMPARABLE PRODUCT. DO NOT SUBMIT UNAPPROVED PRODUCTS ON SHOP DRAWINGS OR OTHER SUBMITTALS. USE CSI FORM 13.1A.
- IDENTIFY PRODUCT TO BE REVIEWED AND SHOW COMPLIANCE WITH REQUIREMENTS FOR COMPARABLE PRODUCT REQUESTS. INCLUDE A DETAILED COMPARISON OF SIGNIFICANT QUALITIES OF PROPOSED SUBSTITUTION WITH THOSE OF THE WORK SPECIFIED.
- CONTRACTOR WILL REVIEW THE PROPOSED PRODUCT AND NOTIFY ARCHITECT OF ITS ACCEPTANCE OR REJECTION.

B. BASIS-OF-DESIGN PRODUCT IDENTIFICATION AND IDENTIFICATION WITH REQUIREMENTS.

C. COMPATIBILITY OF OPTIONS: IF CONTRACTOR IS GIVEN OPTION OF SELECTING BETWEEN TWO OR MORE PRODUCTS, SELECT PRODUCT COMPATIBLE WITH PRODUCTS PREVIOUSLY SELECTED.

SECTION 01 74 00 - CLEANING REQUIREMENTS

1.1 CLEANING

A. CLEAN PROJECT SITE AND WORK AREAS DAILY, INCLUDING COMMON AREAS.

B. DISPOSE OF MATERIALS LAWFULLY.

C. EXCLUDE WINDOWN ASSEMBLIES AND NONSTRUCTURAL ROOFING MATERIAL NOT INDICATED TO BE DEMOLISHED; DO NOT DEMOLISH SUCH EXISTING CONSTRUCTION BEYOND INDICATED LIMITS.

D. REMOVE DEBRIS FROM CONCRETE SURFACES BEFORE DEMOLITION OF THE SPACE.

E. CONDUCT CLEANING AND WASTE-REMOVAL OPERATIONS TO COMPLY WITH LOCAL, STATE, AND FEDERAL AND LOCAL ENVIRONMENTAL AND AIR-POLLUTION REGULATIONS.

F. COMPLY WITH SAFETY STANDARDS FOR CLEANING. DO NOT BURN WASTE MATERIALS. DO NOT BURN DEBRIS OR EXCESS MATERIALS ON OTHER PROPERTY. DO NOT DISCHARGE VOLATILE, HARMFUL, OR DANGEROUS MATERIALS INTO DRAINAGE SYSTEMS. REMOVE WASTE MATERIALS FROM PROJECT SITE AND DISPOSE OF LAWFULLY.

1.2 FINAL CLEANING

A. COMPLETE FINAL CLEANING OPERATIONS BEFORE REQUESTING INSPECTION FOR CERTIFICATION OF SUBSTANTIAL COMPLETION.

B. CLEANING: EMPLOY EXPERIENCED WORKERS OR PROFESSIONAL CLEANERS FOR FINAL CLEANING OF BUILDING SURFACE OR UNIT TO CONDITION EXPECTED IN AN AVERAGE COMMERCIAL, BUILDING OPERATING AND MAINTENANCE PROGRAM. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

C. COMPLETE FINAL CLEANING OPERATIONS BEFORE REQUESTING INSPECTION FOR CERTIFICATION OF SUBSTANTIAL COMPLETION FOR ENTIRE PROJECT OR FOR A PORTION OF PROJECT.

D. CLEAN PROJECT SITE AND WORK AREAS DAILY BY CONSTRUCTION ACTIVITIES OF RUBBISH, WASTE MATERIAL, LITTER, AND OTHER FOREIGN SUBSTANCES.

E. REMOVE TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY, AND SURPLUS MATERIAL FROM PROJECT SITE.

F. SWEEP CONCRETE FLOORS BROOM CLEAN IN UNOCCUPIED SPACES.

G. VACUUM CARPET AND SIMILAR SOFT SURFACES, REMOVING DEBRIS AND EXCESS SOAP, SHAMPOO, IF SOLUBLE, OR STAIN REMOVERS.

H. CLEAN TRANSPARENT MATERIALS, INCLUDING MIRRORS AND GLASS IN DOORS AND WINDOWS, REMOVE GLAZING COMPOUNDS AND OTHER NOTICEABLE VISION-OBSCURING MATERIALS. REPLACE CHIPPED OR BROKEN GLASS ON OTHER DAMAGED TRANSPARENT MATERIALS. POLISH MIRRORS AND GLASS, TAKING CARE NOT TO SCRATCH SURFACES.

I. REMOVE LABELS THAT ARE NOT PERMANENT.

J. TOUCH-UP AND OTHERWISE REPAIR AND RESTORE MARRED, EXPOSED FINISHES AND SURFACES. REPLACE FINISHES AND SURFACES THAT CANNOT BE SATISFACTORILY REPAIRED OR RESTORED OR THAT ALREADY SHOW EVIDENCE OF REPAIR OR RESTORATION.

K. DO NOT PAINT OVER "UL" AND SIMILAR LABELS, INCLUDING MECHANICAL AND ELECTRICAL NAMEPLATES.

L. REMOVE PROTECTIVE COVERINGS.

M. REMOVE ALL SURPLUS MATERIALS WHICH ARE TO REMAIN PROPERTY OF THE CONTRACTOR. OBTAIN THE OWNER'S INSTRUCTIONS AS TO DISPOSITION OF SURPLUS MATERIALS REMAINING ON SITE AND DELIVER, STORE, OR DISPOSE OF AS DIRECTED.

N. IN SPACES TO BE OCCUPIED, REMOVE DIRT, STAINS, AND OTHER FOREIGN SUBSTANCES FROM ALL ACCESSIBLE SURFACES AND REMOVE NONPERMANENT LABELS.

O. REMOVE PAINT AND OTHER COATINGS FROM PERMANENT LABELS AND FROM MECHANICAL AND ELECTRICAL EQUIPMENT NAMEPLATES.

P. Wipe surfaces of mechanical and electrical equipment, elevator equipment, and similar equipment. REMOVE EXCESS LUBRICATION PANT FROM MECHANICAL EQUIPMENT.

Q. REPLACE PARTS SUBJECT TO UNUSUAL OPERATING CONDITIONS.

R. CLEAN PLUMBING FIXTURES TO A SANITARY CONDITION. FREE OF STAINS.

S. REPLACE DISPOSABLE AIR FILTERS AND CLEAN PERMANENT AIR FILTERS. CLEAN EXPOSED SURFACES OF DIFFUSERS, REGISTERS, AND GRILLS.

T. CLEANSE REFRIGERATORS, REFRIGERATION SELECTORS TO FUNCTION WITH FULL EFFICIENCY. REPLACE BURNED-OUT BULBS, AND THOSE NOTICEABLY DIMMED BY HOURS OF USE, AND DEFECTIVE AND NOISY STARTERS IN FLUORESCENT AND MERCURY-VAPOR FIXTURES TO COMPLY WITH MANUFACTURER'S REPAIR INSTRUCTIONS FOR NEW FIXTURES.

U. DISPOSE OF DEBRIS IN A LAWFUL MANNER.

V. DO NOT DISPOSE OF VOLATILE WASTES IN STORM OR SANITARY DRAINS. LEAVE THE PROJECT CLEAN AND READY FOR OCCUPANCY.

SECTION 01 77 00 - CLOSURE REQUIREMENTS

1.1 CLOSURE SUBMITTALS

A. PREPARE AND SUBMIT CLOSURE SUBMITTALS. MAINTAIN A SET OF PRINTS OF THE CONTRACT DRAWINGS AS RECORD DRAWINGS. MARK TO SHOW ACTUAL INSTALLATION WHERE INSTALLATION VARIES FROM THAT SHOWN ORIGINALLY.

- IDENTIFY AND DATE ALL CHANGES TO THE DESIGNATION "PROJECT RECORD DRAWING" IN A PROMINENT LOCATION.

3. PERMANENT HVAC SYSTEM: IF OWNER AUTHORIZES USE OF PERMANENT HVAC SYSTEM FOR TEMPORARY USE DURING CONSTRUCTION, PROVIDE FILTER WITH MERV OF 8 AT EACH RETURN-AIR GRILLE IN SYSTEM AND REMOVE AT END OF CONSTRUCTION.

1.4 TEMPORARY UTILITY INSTALLATION

A. GENERAL: INSTALL TEMPORARY SERVICE OR CONNECT TO EXISTING SERVICE.

- ARRANGE WITH UTILITY COMPANY, OWNER, OR EXISTING UTILITIES FOR TIME WHEN SERVICE CAN BE INTERRUPTED, IF NECESSARY, TO MAKE CONNECTIONS FOR TEMPORARY SERVICES.

B. SANITARY FACILITIES: PROVIDE TEMPORARY TOILETS, WASH FACILITIES, AND DRINKING-WATER FIXTURES. COMPLY WITH REGULATIONS AND HEALTH CODES FOR TYPE, NUMBER, LOCATION, OPERATION, AND MAINTENANCE OF FIXTURES AND FACILITIES.

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D. HEATING AND COOLING: PROVIDE TEMPORARY HEATING AND COOLING REQUIRED FOR CURING OR DRYING OF COMPLETED INSTALLATIONS OR FOR PROTECTING INSTALLED CONSTRUCTION FROM ADVERSE EFFECTS OF LOW TEMPERATURES OR HIGH HUMIDITY. SELECT EQUIPMENT THAT WILL NOT HAVE A HARMFUL EFFECT ON COMPLETED INSTALLATIONS OR ELEMENTS BEING INSTALLED.

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A. WASTE DISPOSAL FACILITIES: PROVIDE WASTE-COLLECTION CONTAINERS IN SITES ADEQUATE TO HANDLE WASTE FROM CONSTRUCTION OPERATIONS. CONFORM WITH REGULATIONS OF AUTHORITIES HAVING JURISDICTION.

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B. PROVIDE FLOOR-TO-CEILING OUTDOOR PARTITIONS TO LIMIT DUST AND DIRT MIGRATION THAT ALLOWS OPENING AREAS COVERED BY OWNER AND TENANTS FROM FUMES AND NOISE.

C. INSTALL AND MAINTAIN TEMPORARY FIRE-PROTECTION FACILITIES. COMPLY WITH REGULATIONS AND TRAFFIC CONDITIONS.

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B. BASIS-OF-DESIGN PRODUCT IDENTIFICATION AND IDENTIFICATION WITH REQUIREMENTS.

C. COMPATIBILITY OF OPTIONS: IF CONTRACTOR IS GIVEN OPTION OF SELECTING BETWEEN TWO OR MORE PRODUCTS, SELECT PRODUCT COMPATIBLE WITH PRODUCTS PREVIOUSLY SELECTED.

SECTION 01 74 00 - CLEANING REQUIREMENTS

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D. REMOVE DEBRIS FROM CONCRETE SURFACES BEFORE DEMOLITION OF THE SPACE.

E. CONDUCT CLEANING AND WASTE-REMOVAL OPERATIONS TO COMPLY WITH LOCAL, STATE, AND FEDERAL AND LOCAL ENVIRONMENTAL AND AIR-POLLUTION REGULATIONS.

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D. CLEAN PROJECT SITE AND WORK AREAS DAILY BY CONSTRUCTION ACTIVITIES OF RUBBISH, WASTE MATERIAL, LITTER, AND OTHER FOREIGN SUBSTANCES.

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G. VACUUM CARPET AND SIMILAR SOFT SURFACES, REMOVING DEBRIS AND EXCESS SOAP, SHAMPOO, IF SOLUBLE, OR STAIN REMOVERS.

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K. DO NOT PAINT OVER "UL" AND SIMILAR LABELS, INCLUDING MECHANICAL AND ELECTRICAL NAMEPLATES.

L. REMOVE PROTECTIVE COVERINGS.

M. REMOVE ALL SURPLUS MATERIALS WHICH ARE TO REMAIN PROPERTY OF THE CONTRACTOR. OBTAIN THE OWNER'S INSTRUCTIONS AS TO DISPOSITION OF SURPLUS MATERIALS REMAINING ON SITE AND DELIVER, STORE, OR DISPOSE OF AS DIRECTED.

N. IN SPACES TO BE OCCUPIED, REMOVE DIRT, STAINS, AND OTHER FOREIGN SUBSTANCES FROM ALL ACCESSIBLE SURFACES AND REMOVE NONPERMANENT LABELS.

O. REMOVE PAINT AND OTHER COATINGS FROM PERMANENT LABELS AND FROM MECHANICAL AND ELECTRICAL EQUIPMENT NAMEPLATES.

P. Wipe surfaces of mechanical and electrical equipment, elevator equipment, and similar equipment. REMOVE EXCESS LUBRICATION PANT FROM MECHANICAL EQUIPMENT.

Q. REPLACE PARTS SUBJECT TO UNUSUAL OPERATING CONDITIONS.

R. CLEAN PLUMBING FIXTURES TO A SANITARY CONDITION. FREE OF STAINS.

S. REPLACE DISPOSABLE AIR FILTERS AND CLEAN PERMANENT AIR FILTERS. CLEAN EXPOSED SURFACES OF DIFFUSERS, REGISTERS, AND GRILLS.

T. CLEANSE REFRIGERATORS, REFRIGERATION SELECTORS TO FUNCTION WITH FULL EFFICIENCY. REPLACE BURNED-OUT BULBS, AND THOSE NOTICEABLY DIMMED BY HOURS OF USE, AND DEFECTIVE AND NOISY STARTERS IN FLUORESCENT AND MERCURY-VAPOR FIXTURES TO COMPLY WITH MANUFACTURER'S REPAIR INSTRUCTIONS FOR NEW FIXTURES.



CONSULTANTS

SEAL



RBHA MRTC 2ND FLOOR RENOVATION 1700 FRONT ST. RICHMOND, VIRGINIA 23222

Table with 3 columns: MARK, DATE, DESCRIPTION. Includes dates like 03/01/22 and 03/07/22.

PROJECT NO.: 21056.00
MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR
START DATE: 11/02/2021
PROJECT MANAGER: JHS
PRINCIPAL IN CHARGE: CSS

SHEET TITLE

PROJECT SPECIFICATIONS (2 OF 3)

A-004

C. PARTITION AND SOFFIT FRAMING: STUDS AND RUNNERS: IN DEPTH INDICATED AND WITH FOLLOWING MINIMUM THICKNESSES:
1. 25 GA18 MILS AT TYPICAL PARTITIONS.
2. 20 GA30 MILS AT ALL INTERIOR DOOR FRAME AND WINDOW FRAME AND HARDWARE SCHEDULE.
3. 20 GA30 MILS AT ALL LOCATIONS OF WALL CABINETS.
4. 18 GA40 MILS STUDS AT CEMENT BOARD AT ALL WALLS TO RECEIVE TILE.
5. 18 GA40 MILS BOTTOM RUNNER.
6. 2 MINIMUM DEEP-LEG TOP TRACK UNLESS OTHERWISE NOTED; MATCH THICKNESS OF PARTITION STUD.
7. 1/4" STRIP AND BACKING: 0.0296 INCH (0.752 MM) THICK.
1.3 ACCESSORIES
A. GENERAL: COMPLY WITH REFERENCED INSTALLATION STANDARDS.
1. FASTENERS FOR METAL FRAMING: OF TYPE, MATERIAL, SIZE, CORROSION RESISTANCE, HOLDING POWER, AND OTHER PROPERTIES REQUIRED TO FASTEN STEEL MEMBERS TO SUBSTRATES.
B. ACOUSTICAL SEALANT FOR CONCEALED JOINTS: NONSAG, LATEX SEALANT COMPLYING WITH ASTM C 834.
1.4 INSTALLATION
A. INSTALL STEEL FRAMING TO COMPLY WITH ASTM C 754 AND WITH ASTM C 840.
B. REQUIREMENTS THAT APPLY TO FRAMING INSTALLATION AND WITH ASTM STATES GYPSUMS' GYPSUM CONSTRUCTION HANDBOOK.
C. INSTALL SUPPLEMENTARY FRAMING AND BLOOMING TO SUPPORT FIXTURES, EQUIPMENT SERVICES, HEAVY TRIM, GRAB BARS, TOILET ACCESSORIES, FURNISHINGS, OR SIMILAR CONSTRUCTION.
D. ISOLATE STEEL FRAMING FROM BUILDING STRUCTURE, EXCEPT AT FLOOR, TO PREVENT TRANSFER OF LOADING IMPOSED BY STRUCTURAL MOVEMENT.
E. FIRE-RESISTANCE-RATED ASSEMBLIES: COMPLY WITH REQUIREMENTS OF LISTED ASSEMBLIES IN A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY.
SECTION 09 21 16 - GYPSUM BOARD ASSEMBLIES
1.1 GENERAL
A. FIRE-RESISTANCE-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLIES PER ASTM E 119 BY AN INDEPENDENT TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
B. STC-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLIES PER ASTM E 90 AND CLASSIFIED PER ASTM E 413 BY A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY.
1.2 PANEL PRODUCTS
A. PROVIDE IN MAXIMUM LENGTHS AVAILABLE TO MINIMIZE END-TO-END BUTT JOINTS.
B. INTERIOR GYPSUM BOARD: ASTM C 36C 30M OR ASTM C 1396C 1206M, IN THICKNESS INDICATED, WITH MANUFACTURER'S STANDARD EDGES. TYPE AS REQUIRED FOR SPECIFIC FIRE-RESISTANCE-RATED ASSEMBLIES SAG-RESISTANT TYPE FOR CEILING SURFACES.
C. TILE BACKER BOARD - ONE OF THE FOLLOWING, AS SCHEDULED IN SECTION 09 30 00 - TILING:
1. CEMENTITIOUS BACKER UNITS: ANSI A118.9, 5/8 IN. THICK AT WALLS, 1/4 IN. AT FLOORS.
2. ACRYLIC COATED GLASS-MAT, WATER-RESISTANT BACKER BOARD: ASTM C 1170C/1178M, WITH MANUFACTURER'S STANDARD EDGES, AND HAVING AN ASTM D 3773 MOLD RESISTANCE SCORE OF 10 AS RATED ACCORDING TO ASTM D 3274.
1.3 ACCESSORIES
A. TRIM ACCESSORIES: ASTM C 1047, FORMED FROM GALVANIZED OR ALUMINUM-COATED STEEL SHEET, ROLLED ZINC PLASTIC, OR PAPER-FACED GALVANIZED STEEL SHEET, FOR EXTERIOR TRIM; USE ACCESSORIES FORMED FROM HOT-DIP GALVANIZED STEEL SHEET, PLASTIC, OR ROLLED ZINC.
1. PROVIDE CORNERBEAD AT OUTSIDE CORNERS UNLESS OTHERWISE INDICATED.
2. PROVIDE L-OR BEAD (L-BEAD) AT EXPOSED PANEL EDGES.
3. MULTILAYER FASTENING METHODS: FASTEN BASE LAYERS AND FACE LAYER SEPARATELY TO SUPPORTS WITH SCREWS.
B. JOINT-TREATMENT MATERIALS: ASTM C 475C/475M.
1. JOINT TAPE: PAPER UNLESS OTHERWISE RECOMMENDED BY PANEL MANUFACTURER.
2. JOINT COMPOUNDS: SETTING-TYPE TAPING COMPOUND AND DRYING-TYPE READY-MIXED COMPOUNDS FOR TOPPING.
3. SKIM COAT: FOR FINAL COAT OF LEVEL FINISH; USE HIGH BUILD INTERIOR COATING PRODUCT DESIGNED FOR APPLICATION BY AIRLESS SPRAYER AND TO BE USED INSTEAD OF SKIM COAT TO PRODUCE LEVEL 5 FINISH.
C. ACOUSTICAL SEALANT FOR EXPOSED AND CONCEALED JOINTS: NONSAG, PAINTABLE, NONSTAINING LATEX SEALANT COMPLYING WITH ASTM C 834.
D. SOUND-ATTENUATION BLANKETS: ASTM C 665, TYPE I (UNFACED), SLAG-WOOL-FIBERROCK WOOL-FIBER, UNFACED; NOMINAL DENSITY OF 2.5 LB/CU FT. (64 KG/CU M), WITH FLAME-SPREAD INDEX OF 25 OR LESS.
1.4 INSTALLATION
A. INSTALL GYPSUM BOARD TO COMPLY WITH ASTM C 840.
1. ISOLATE GYPSUM BOARD ASSEMBLIES FROM ADJUTING STRUCTURAL AND MECHANICAL WORK: PROVIDE EDGE TRIM AND ACOUSTICAL SEALANT.
2. SINGLE-LAYER FASTENING METHODS: FASTEN GYPSUM PANELS TO SUPPORTS WITH SCREWS.
B. INSTALL CEMENTITIOUS BACKER UNITS TO COMPLY WITH ANSI A108.11.
C. FIRE-RESISTANCE-RATED ASSEMBLIES: COMPLY WITH REQUIREMENTS OF LISTED ASSEMBLIES.
D. FINISHING GYPSUM BOARD: ASTM C 840.
1. AT CONCEALED AREAS, UNLESS A HIGHER LEVEL OF FINISH IS REQUIRED FOR FIRE-RESISTANCE-RATED ASSEMBLIES, PROVIDE LEVEL 1 FINISH: EMBED TAPE AT JOINTS.
2. AT SUBSTRATES FOR TILE, PROVIDE LEVEL 2 FINISH: EMBED TAPE AND APPLY SEPARATE FIRST-FILL AND FINISH COATS OF JOINT COMPOUND TO TAPE, FASTENERS, AND TRIM FLANGES.
3. UNLESS OTHERWISE INDICATED, PROVIDE LEVEL 4 FINISH: EMBED TAPE AND APPLY SEPARATE FIRST-FILL AND FINISH COATS OF JOINT COMPOUND TO TAPE, FASTENERS, AND TRIM FLANGES.
4. WHERE INDICATED, PROVIDE LEVEL 5 FINISH: EMBED TAPE AND APPLY SEPARATE FIRST-FILL AND FINISH COATS OF JOINT COMPOUND TO TAPE, FASTENERS, AND TRIM FLANGES. APPLY SKIM COAT TO ENTIRE SURFACE.
SECTION 09 05 61 - COMMON WORK REQUIREMENTS FOR FLOORING PREPARATION
1.0 PRE-INSTALLATION CONFERENCE
A. PRE-INSTALLATION CONFERENCE: CONDUCT CONFERENCE AT PROJECT SITE.
B. REVIEW METHODS AND PROCEDURES RELATED TO FLOORING INSTALLATION INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
1. INSPECT AND DISCUSS CONDITION OF SUBSTRATE AND OTHER PREPARATORY WORK PERFORMED BY OTHER TRADES.
2. REVIEW SPECIAL DESIGNS AND PATTERNS.
1.1 PREPARATION
A. PREPARE SUBSTRATES ACCORDING TO FLOORING MANUFACTURER'S WRITTEN INSTRUCTIONS TO ENSURE ADHESION OF RESILIENT SHEET FLOORING.
B. CONCRETE SUBSTRATES: PREPARE ACCORDING TO ASTM F 710.
1. VERIFY THAT SUBSTRATES ARE DRY AND FREE OF CURING COMPOUNDS, SEALERS, AND HARDENERS.
2. REMOVE SUBSTRATE COATINGS AND OTHER SUBSTANCES THAT ARE INCOMPATIBLE WITH ADHESIVES AND THAT CONTAIN SOAP, OIL, OR SILICONE, USING MECHANICAL METHODS RECOMMENDED BY FLOORING MANUFACTURER.
3. ALKALINITY AND ADHESION TESTING: PERFORM TESTS RECOMMENDED BY RESILIENT SHEET FLOORING MANUFACTURER; PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATE ALKALINITY FALLS WITHIN RANGE ON PH SCALE RECOMMENDED BY MANUFACTURER IN WRITING, BUT NOT LESS THAN 9.0 (PH) > PH.
3. MOISTURE TESTING: PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES PASS TESTING ACCORDING TO RESILIENT SHEET FLOORING MANUFACTURER'S WRITTEN RECOMMENDATIONS, BUT NOT LESS STRINGENT THAN THE FOLLOWING:
1) PERFORM ANHYDROUS CALCIUM CHLORIDE TEST ACCORDING TO ASTM F 1869; PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES HAVE MAXIMUM MOISTURE-VAPOR-EMISSION RATE OF 0.1 LB OF WATER/100 SQ. FT. (3.3 KG OF WATER/100 SQ. M) IN 24 HOURS.
5. PERFORM RELATIVE HUMIDITY TEST USING IN SITU PROBES ACCORDING TO ASTM F 2170; PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES HAVE A MAXIMUM (70) PERCENT RELATIVE HUMIDITY LEVEL.
C. FILL CRACKS, HOLES, AND DEPRESSIONS IN SUBSTRATES WITH TROWELABLE LEVELING AND PATCHING COMPOUND; REMOVE BUMPS AND RIDGES TO PRODUCE A UNIFORM AND SMOOTH SURFACE.
SECTION 09 22 16 - NON-STRUCTURAL METAL FRAMING
1.1 GENERAL
A. FIRE-RESISTANCE-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLIES PER ASTM E 119 BY AN INDEPENDENT TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
1.2 METAL FRAMING AND SUPPORTS
A. FRAMING MEMBERS: GENERAL: ASTM C 754.
1. STEEL SHEET COMPONENTS: ASTM C 645, THICKNESS SPECIFIED IS MINIMUM UNCOATED BASE-METAL THICKNESS.
2. PROTECTIVE COATING: MANUFACTURER'S STANDARD CORROSION-RESISTANT ZINC COATING.
B. SUSPENDED CEILING AND SOFFIT FRAMING:
1. WIRE HANGERS: ASTM A 514 8/16 IN. CLASS 1 ZINC COATED, SOFT TEMPER, AND 0.162-INCH (4.12 MM) DIAMETER.
2. GRID SUSPENSION SYSTEM FOR INTERIOR CEILINGS: INTERLOCKING, DIRECT-HUNG SYSTEM.

SECTION 08 71 00 - DOOR HARDWARE
1.0 ACTION SUBMITTALS
A. PRODUCT DATA FOR ALL PRODUCTS NOT NAMED IN THE CONTRACT DOCUMENTS AND HARDWARE SCHEDULE.
1.1 GENERAL
B. DELIVER KEYS TO OWNER.
C. FIRE-RESISTANCE-RATED ASSEMBLIES: PROVIDE PRODUCTS THAT COMPLY WITH NFPA 80 AND ARE LISTED AND LABELED BY A TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION FOR APPLICATIONS INDICATED. ON EXIT DEVICES PROVIDE LABEL INDICATING "FIRE EXIT HARDWARE."
1.2 HARDWARE
A. MANUFACTURERS: AS INDICATED.
B. HINGES:
1. BALL-BEARING HINGES FOR DOORS WITH CLOSERS AND ENTRY DOORS.
2. 3 HINGES FOR 1-3/4-INCH (45-MM) THICK DOORS 30 INCHES (2300 MM) OR LESS IN HEIGHT; 4 HINGES FOR DOORS MORE THAN 30 INCHES (2300 MM) IN HEIGHT.
C. LOCKSETS AND LATCHSETS:
1. MATCH STYLE, SERIES AND MANUFACTURER OF EXISTING BUILDING UNLESS OTHERWISE INDICATED.
2. BHMA A156.2, SERIES 4000, GRADE 1 FOR BORED LOCKS AND LATCHES.
3. BHMA A156.3, GRADE 1 FOR EXIT DEVICES.
4. BHMA A156.13, SERIES 1000, GRADE 1 FOR MORTISE LOCKS AND LATCHES - PROVIDE AT EXTERIOR AND MAIN ENTRANCE DOORS.
D. LEVER HANDLES ON LOCKSETS AND LATCHSETS, MATCH SCHLAGE SPARTA LEVER UNLESS NOTED OTHERWISE.
E. KEYLOCKS: MATCH FINISH OF LOCKSET/LATCHSET.
F. CLOSERS: COORDINATE KEYING REQUIREMENTS DIRECTLY WITH OWNER OR TENANT.
G. KEYS: KEYS TO OWNER'S MASTER KEY SYSTEM.
H. FINGERSTOPS:
1. MOUNT CLOSERS ON INTERIOR SIDE (ROOM SIDE) OF DOOR OPENING. PROVIDE REGULAR ARM, PARALLEL ARM, OR TOP-JAMB MOUNTED CLOSERS AS NECESSARY.
2. ADJUSTABLE DELAYED OPENING (ACCESSIBLE TO PEOPLE WITH DISABILITIES) FEATURE ON CLOSERS.
I. INTERIOR STOPS OR FLOOR STOPS FOR DOORS WITHOUT CLOSERS.
H. PROVIDE HARDWARE FINISHES AS FOLLOWS:
1. HINGES: MATCHING FINISH OF LOCKSET/LATCHSET.
2. LOCKSETS, LATCHSETS, AS INDICATED EXCEPT: MATCHING FINISH OF LOCKSET/LATCHSET.
3. CLOSERS: MATCHING FINISH OF LOCKSET/LATCHSET.
4. OTHER HARDWARE: MATCHING FINISH OF LOCKSET/LATCHSET.
1.3 INSTALLATION
A. MOUNT HARDWARE IN LOCATIONS RECOMMENDED BY THE DOOR AND HARDWARE INSTITUTE UNLESS OTHERWISE INDICATED.
SECTION 08 80 00 - GLAZING
1.0 ACTION SUBMITTALS
A. SUBMITTALS SAMPLES FOR EACH TYPE OF PATTERNED OR TINTED GLASS INDICATED.
B. SAFETY GLASS: CATEGORY II MATERIALS COMPLYING WITH TESTING REQUIREMENTS IN 16 CFR 1201.
C. GLAZING PUBLICATIONS: COMPLY WITH PUBLISHED RECOMMENDATIONS OF GLASS PRODUCT MANUFACTURERS AND ORGANIZATIONS BELOW, UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED.
1. GANA PUBLICATIONS: GANA'S LAMINATED GLAZING REFERENCE MANUAL "AND GANA'S GLAZING MANUAL."
2. SAFETY GLAZING LABELING: WHERE SAFETY GLAZING LABELING IS INDICATED, PERMANENTLY MARK GLAZING WITH CERTIFICATION LABEL OF THE SOGC OR ANOTHER CERTIFICATION AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. LABEL SHALL INDICATE MANUFACTURER'S NAME, TYPE OF GLASS, THICKNESS, AND SAFETY GLAZING STANDARD WITH WHICH GLASS COMPLES.
E. FIRE-PROTECTION-RATED GLAZING LABELING: PERMANENTLY MARK FIRE-PROTECTION-RATED GLAZING WITH CERTIFICATION LABEL OF A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. LABEL SHALL INDICATE MANUFACTURER'S NAME, TEST STANDARD, WHETHER GLAZING IS FOR USE IN FIRE DOORS OR OTHER OPENINGS, WHETHER OR NOT GLAZING PASSES HOSE-STREAM TEST, WHETHER OR NOT GLAZING HAS A TEMPERATURE RISE RATING OF 450 DEG F (260 DEG C), AND THE FIRE-RESISTANCE RATING IN MINUTES.
1.2 PRODUCTS
A. FLOAT GLASS: ASTM C 1036, TYPE I, QUALITY-Q3.
B. HEAT-TREATED FLOAT GLASS: ASTM C 1048, TYPE I, QUALITY-Q3.
C. PATTERNED GLASS: ASTM C 1036, TYPE II, CLASS I (CLEAR), OR QUALITY-Q6.
D. TEMPERED PATTERNED GLASS: ASTM C 1048, KIND FT (FULLY TEMPERED), TYPE II, CLASS I (CLEAR), FORM 3, QUALITY-Q6.
E. LAMINATED GLASS: ASTM C 1172, AND COMPLYING WITH TESTING REQUIREMENTS IN 16 CFR 1201 FOR CATEGORY II MATERIALS.
1.3 GLAZING SEALS
A. GLAZING SEALANT: NEUTRAL CURING SILICONE GLAZING SEALANT COMPLYING WITH ASTM C 920, TYPE S, GRADE NS, CLASS 25, USE N7.
B. GLAZING SEALANTS FOR FIRE-RATED GLAZING PRODUCTS: PRODUCTS THAT ARE APPROVED BY TESTING AGENCIES THAT LISTED AND LABELED FIRE-RESISTANT GLAZING PRODUCTS WITH WHICH THEY ARE USED FOR APPLICATIONS AND FIRE-PROTECTION RATINGS INDICATED.
1.4 INSTALLATION
A. COMPLY WITH COMBINED RECOMMENDATIONS OF MANUFACTURERS OF GLASS, SEALANTS, GASKETS, AND OTHER GLAZING MATERIALS, UNLESS MORE STRINGENT REQUIREMENTS ARE CONTAINED IN GANA'S "GLAZING MANUAL."
B. SET GLASS LITES IN EACH SERIES WITH UNIFORM PATTERN, DRAIN, BOW, AND SIMILAR CHARACTERISTICS.
C. REMOVE NONPERMANENT LABELS, AND CLEAN SURFACES IMMEDIATELY AFTER INSTALLATION.
SECTION 09 05 61 - COMMON WORK REQUIREMENTS FOR FLOORING PREPARATION
1.0 PRE-INSTALLATION CONFERENCE
A. PRE-INSTALLATION CONFERENCE: CONDUCT CONFERENCE AT PROJECT SITE.
B. REVIEW METHODS AND PROCEDURES RELATED TO FLOORING INSTALLATION INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
1. INSPECT AND DISCUSS CONDITION OF SUBSTRATE AND OTHER PREPARATORY WORK PERFORMED BY OTHER TRADES.
2. REVIEW SPECIAL DESIGNS AND PATTERNS.
1.1 PREPARATION
A. PREPARE SUBSTRATES ACCORDING TO FLOORING MANUFACTURER'S WRITTEN INSTRUCTIONS TO ENSURE ADHESION OF RESILIENT SHEET FLOORING.
B. CONCRETE SUBSTRATES: PREPARE ACCORDING TO ASTM F 710.
1. VERIFY THAT SUBSTRATES ARE DRY AND FREE OF CURING COMPOUNDS, SEALERS, AND HARDENERS.
2. REMOVE SUBSTRATE COATINGS AND OTHER SUBSTANCES THAT ARE INCOMPATIBLE WITH ADHESIVES AND THAT CONTAIN SOAP, OIL, OR SILICONE, USING MECHANICAL METHODS RECOMMENDED BY FLOORING MANUFACTURER.
3. ALKALINITY AND ADHESION TESTING: PERFORM TESTS RECOMMENDED BY RESILIENT SHEET FLOORING MANUFACTURER; PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATE ALKALINITY FALLS WITHIN RANGE ON PH SCALE RECOMMENDED BY MANUFACTURER IN WRITING, BUT NOT LESS THAN 9.0 (PH) > PH.
3. MOISTURE TESTING: PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES PASS TESTING ACCORDING TO RESILIENT SHEET FLOORING MANUFACTURER'S WRITTEN RECOMMENDATIONS, BUT NOT LESS STRINGENT THAN THE FOLLOWING:
1) PERFORM ANHYDROUS CALCIUM CHLORIDE TEST ACCORDING TO ASTM F 1869; PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES HAVE MAXIMUM MOISTURE-VAPOR-EMISSION RATE OF 0.1 LB OF WATER/100 SQ. FT. (3.3 KG OF WATER/100 SQ. M) IN 24 HOURS.
5. PERFORM RELATIVE HUMIDITY TEST USING IN SITU PROBES ACCORDING TO ASTM F 2170; PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES HAVE A MAXIMUM (70) PERCENT RELATIVE HUMIDITY LEVEL.
C. FILL CRACKS, HOLES, AND DEPRESSIONS IN SUBSTRATES WITH TROWELABLE LEVELING AND PATCHING COMPOUND; REMOVE BUMPS AND RIDGES TO PRODUCE A UNIFORM AND SMOOTH SURFACE.
SECTION 09 22 16 - NON-STRUCTURAL METAL FRAMING
1.1 GENERAL
A. FIRE-RESISTANCE-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLIES PER ASTM E 119 BY AN INDEPENDENT TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
1.2 METAL FRAMING AND SUPPORTS
A. FRAMING MEMBERS: GENERAL: ASTM C 754.
1. STEEL SHEET COMPONENTS: ASTM C 645, THICKNESS SPECIFIED IS MINIMUM UNCOATED BASE-METAL THICKNESS.
2. PROTECTIVE COATING: MANUFACTURER'S STANDARD CORROSION-RESISTANT ZINC COATING.
B. SUSPENDED CEILING AND SOFFIT FRAMING:
1. WIRE HANGERS: ASTM A 514 8/16 IN. CLASS 1 ZINC COATED, SOFT TEMPER, AND 0.162-INCH (4.12 MM) DIAMETER.
2. GRID SUSPENSION SYSTEM FOR INTERIOR CEILINGS: INTERLOCKING, DIRECT-HUNG SYSTEM.

SECTION 07 92 00 - JOINT SEALANTS
1.1 PRODUCTS
A. SEALANT FOR USE IN INTERIOR JOINTS IN CERAMIC TILE AND OTHER HARD SURFACES IN TOILET ROOMS AND AROUND PLUMBING FIXTURES:
1. SINGLE-COMPONENT, MILDEW-RESISTANT SILICONE SEALANT, ASTM C 920, TYPE S; GRADE NS, CLASS 25; FOR USE N7, FORMULATED WITH FUNGICIDE.
B. SEALANT FOR INTERIOR USE AT PERIMETERS OF DOOR AND WINDOW FRAMES:
1. ACRYLIC LATEX OR SILICONIZED ACRYLIC LATEX, ASTM C 834, TYPE OF, GRADE NF.
C. ACOUSTICAL SEALANT:
1. NONSAG, PAINTABLE, NONSTAINING LATEX SEALANT COMPLYING WITH ASTM C 834 THAT EFFECTIVELY REDUCES AIRBORNE SOUND TRANSMISSION AS DEMONSTRATED BY TESTING ACCORDING TO ASTM E 90.
1.2 INSTALLATION
A. COMPLY WITH ASTM C 1193.
B. APPLY SOUND-RATED ASSEMBLIES AND ELSEWHERE AS INDICATED, SEAL PERIMETERS, CONTROL JOINTS, OPENINGS, AND PENETRATIONS WITH A CONTINUOUS BEAD OF ACOUSTICAL SEALANT, INSTALL ACOUSTICAL SEALANT AT BOTH FACES OF PARTITIONS. COMPLY WITH ASTM C 919.
SECTION 08 11 13 - HOLLOW METAL DOORS AND FRAMES
1.1 ACTION SUBMITTALS
A. PRODUCT DATA AND SHOP DRAWINGS.
1.2 MATERIALS
A. COLD-ROLLED STEEL SHEETS: ASTM A 1008A 1008M, SUITABLE FOR EXPOSED APPLICATIONS.
B. HOT-ROLLED STEEL SHEETS: ASTM A 1011A 1011M, FREE OF SCALE, PITTING, OR TOLERANCE OF 18 INCH IN 96 INCHES (3 MM IN 2400 MM).
C. FRAME ANCHORS: ASTM A 991A 991M, 402 (12G) COATING DESIGNATION, MILL AND REPAIR DAMAGED FINISH AT CUTS.
D. INSERTS, BOLTS, AND FASTENERS: HOT-DIP GALVANIZED ACCORDING TO ASTM A 153A 153M.
1.3 HOLLOW METAL DOORS AND FRAMES
A. PRE-FRATED DOORS AND FRAMES: LABELED BY A TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, BASED ON TESTING AT AS CLOSE TO NEUTRAL PRESSURE AS POSSIBLE ACCORDING TO NFPA 252.
B. SMOKE CONTROL DOOR ASSEMBLIES: COMPLY WITH NFPA 105 OR UL 1784.
C. DOORS: COMPLYING WITH ANSI Z98.0 FOR LEVEL AND MODEL AND ANSI A250.4 FOR PHYSICAL PERFORMANCE LEVEL. 1-3/4 INCHES (44 MM) THICK, UNLESS OTHERWISE INDICATED.
1. INTERIOR DOORS: LEVEL 1 AND PHYSICAL PERFORMANCE LEVEL C (STANDARD DUTY, MODEL 2 (SEMI-LESS)).
2. HARDWARE REINFORCEMENT: FABRICATE ACCORDING TO ANSISD0 A250.6 WITH REINFORCEMENT PLATES FROM SAME MATERIAL AS DOOR FACE SHEETS.
D. FRAMES: ANSI A250.8, CONCEAL FASTENINGS UNLESS OTHERWISE INDICATED.
1. STEEL SHEET THICKNESS FOR INTERIOR DOORS: 0.042 INCH (1.0 MM).
2. FABRICATE INTERIOR FRAMES WITH INTERIOR OR COPED AND CONTINUOUSLY WELDED CORNERS.
3. HARDWARE REINFORCEMENT: FABRICATE ACCORDING TO ANSISD0 A250.6 WITH REINFORCEMENT PLATES FROM SAME MATERIAL AS FRAMES.
E. GLAZING STOPS: NONREMOVABLE STOPS ON OUTSIDE OF EXTERIOR DOORS AND ON SECURE SIDE OF INTERIOR DOORS. SCREW APPLIED, REMOVE GLAZING STOPS ON INSIDE. FABRICATE FROM SAME MATERIAL AS DOOR FACE SHEET IN WHICH THEY ARE INSTALLED.
F. DOOR LOCKS: SIGHT PROOF PER SDU 111C.
1. FIRE-RATED AUTOMATIC LOCKERS: ACTUATED BY FUSIBLE LINKS AND LISTED AND LABELED.
G. DOOR SILENCERS: THREE ON STRIKE, JAMBS OF SINGLE DOOR FRAMES AND TWO ON HEADS OF DOUBLE DOOR FRAMES.
H. GROUT GUARDS: PROVIDE WHERE MORTAR MIGHT OBSTRUCT HARDWARE OPERATION.
I. PREPARE DOORS AND FRAMES TO RECEIVE MORTISED AND CONCEALED HARDWARE ACCORDING TO ANSI A250.6 AND ANSI A115 SERIES STANDARDS.
J. REINFORCE DOORS AND FRAMES TO RECEIVE SURFACE-APPLIED HARDWARE.
K. PRIME FINISH: MANUFACTURER'S STANDARD; FACTORY-APPLIED COAT OF LEAD-AND CHROMATE-PRIME-FRIMER COMPLYING WITH ANSISD0 A250.4 ACCEPTANCE CRITERIA.
1.4 INSTALLATION
A. INSTALL HOLLOW METAL FRAMES TO COMPLY WITH ANSISD0 A250.11.
B. FIRE-RATED FRAMES: INSTALL ACCORDING TO NFPA 80.
B. INSTALL DOORS TO PROVIDE CLEARANCES BETWEEN DOORS AND FRAMES AS INDICATED IN ANSISD0 A250.11.
C. PRIME COAT TOUCH-UP: IMMEDIATELY AFTER APPLICATION, SAND SMOOTH RUSTY OR DAMAGED AREAS OF PRIME COAT AND APPLY TOUCH-UP OF COMPATIBLE HARDWARE RUST-INHIBITIVE PRIMER.
SECTION 08 14 16 - FLUSH WOOD DOORS
1.0 ACTION SUBMITTALS
A. FINISH SAMPLES, PRODUCT DATA FOR ALL PRODUCTS NOT NAMED IN THE CONTRACT DOCUMENTS.
1.1 DOOR CONSTRUCTION, GENERAL
A. QUALITY STANDARD: NOMIA 15.1-4.
B. FIRE-RATED WOOD DOORS: LABELED BY A TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION BASED ON TESTING AT AS CLOSE TO NEUTRAL PRESSURE AS POSSIBLE ACCORDING TO NFPA 252.
C. LOW-EMITTING MATERIALS: PROVIDE DOORS MADE WITH ADHESIVES AND COMPOSITE WOOD PRODUCTS THAT DO NOT CONTAIN UREA FORMALDEHYDE.
D. NOMIA 15.1-4 PERFORMANCE GRADE.
1. HEAVY DUTY UNLESS OTHERWISE INDICATED.
2. EXTRA HEAVY DUTY: PUBLIC TOILETS, EXITS PATIENT ROOMS AND WHERE INDICATED.
3. STANDARD DUTY: CLOSETS (NOT INCLUDING JANITORS CLOSETS) PRIVATE TOILETS.
E. PARTICLEBOARD CORE DOORS: PROVIDE BLOCKING IN PARTICLEBOARD CORE OR PROVIDE STRUCTURAL COMPOSITE LUMBER CORES INSTEAD OF PARTICLEBOARD CORES FOR DOORS WITH EXIT DEVICES OR PROTECTION FLATES.
F. FIRE-PROTECTION-RATED DOORS: PROVIDE CORE SPECIFIED OR MINERAL CORE AS NEEDED TO PROVIDE FIRE-PROTECTION RATINGS INDICATED. PROVIDE THE FOLLOWING FOR MINERAL-CORE DOORS:
1. COMPOSITE BLOCKING WHERE REQUIRED TO ELIMINATE THROUGH-BOLTING HARDWARE.
2. LAMINATED-EDGE CONSTRUCTION.
3. FORMER STEEL EDGES AND ASTRAGALS FOR PAIRS OF DOORS.
1.2 FLUSH WOOD DOORS
A. DOORS FOR TRANSPARENT FINISH:
1. INTERIOR SOLID-CORE DOORS: PREMIUM GRADE, SEVEN-PLY.
2. PARTICLEBOARD CORES.
2. FACES: GRADE A AS INDICATED ON DRAWINGS.
3. VENEER MATCHING: BOOK AND BALANCE MATCH.
4. PAIR MATCHING AND SET MATCHING.
5. CONTINUOUS MATCHING FOR DOORS WITH TRANSOMS.
B. DOORS FOR OPAQUE FINISH:
1. INTERIOR SOLID-CORE DOORS: CUSTOM GRADE, FIVE-PLY, PARTICLEBOARD CORES.
2. FACES: ANY CLOSED-GRAIN HARDWOOD.
C. PLASTIC-LAMINATE FACED DOORS: FORMED STRIPS AFTER FITTING AND MACHINING.
1. INTERIOR SOLID-CORE DOORS: CUSTOM GRADE, THREE-PLY, PARTICLEBOARD CORES.
2. EXPOSED VERTICAL EDGES: PLASTIC LAMINATE THAT MATCHES FACES.
1.3 LIGHT FRAMES
A. LIGHT FRAMES: WOOD BEADS OF SAME SPECIES AS DOOR FACES.
1. AT FIRE-RATED DOORS PROVIDE WOOD-VENEERED BEADS: APPROVED FOR USE IN DOORS OF FIRE-PROTECTION RATING INDICATED.
1.4 FABRICATION AND FINISHING
A. FACTORY FIT DOORS TO SUIT FRAME OPENINGS SIZES INDICATED AND TO COMPLY WITH CLEARANCES INDICATED.
B. FACTORY MACHINE DOORS FOR HARDWARE THAT IS NOT SURFACE APPLIED.
C. LOCATE HARDWARE TO COMPLY WITH DIMENSIONS:
1. CUT AND TRIM OPENINGS TO COMPLY WITH REFERENCED STANDARDS.
1. TRIM LIGHT OPENINGS WITH MOLDINGS PREPARED.
2. FACTORY INSTALL GLAZING IN DOORS INDICATED TO BE FACTORY FINISHED.
3. FACTORY INSTALL LOUVERS IN PREPARED OPENINGS.
D. FACTORY FINISH DOORS INDICATED FOR TRANSPARENT FINISH WITH STAIN AND MANUFACTURER'S STANDARD FINISH COMPLYING WITH WDMA TR-4, CONVERSION VARNISH FOR GRADE SPECIFIED FOR DOORS.
1. SHEEN: SATIN.
1.5 INSTALLATION
A. INSTALL DOORS TO COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND NOMIA 15.1-4, AND AS INDICATED.
1. INSTALL FIRE-RATED DOORS TO COMPLY WITH NFPA 80.
B. ALIGN DOORS IN FRAMES WITH UNIFORM CLEARANCES AND BEVELS. MACHINE DOORS FOR HARDWARE. SEAL CUT SURFACES AFTER FITTING AND MACHINING.
C. CLEARANCES: AS FOLLOWS UNLESS OTHERWISE INDICATED:
1. 1/8 INCH (3.2 MM) AT HEADS, JAMBS, AND BETWEEN PAIRS OF DOORS.
2. 1/8 INCH (3.2 MM) FROM BOTTOM OF DOOR TO TOP OF DECORATIVE FLOOR FINISH OR COVERING.
3. 1/4 INCH (6.4 MM) FROM BOTTOM OF DOOR TO TOP OF THRESHOLD.
4. COMPLY WITH NFPA 80 FOR FIRE-RATED DOORS.
D. REPAIR, REFINISH, OR REPLACE FACTORY-FINISHED DOORS DURING INSTALLATION, AS DIRECTED BY ARCHITECT.

1.3 SHOP FINISHING OF INTERIOR ARCHITECTURAL WOODWORK
FINISHES: SAME GRADES AS ITEMS TO BE FINISHED.
B. FINISH ARCHITECTURAL WOODWORK AT THE FABRICATION SHOP; DEFER ONLY FINAL TOUCH UP UNTIL AFTER INSTALLATION.
1. APPLY IN FINAL COAT OF SEALERS TO CONCEALED SURFACES OF WOODWORK. APPLY TWO COATS TO BACK OF PANELING AND TO END-GRAIN SURFACES.
2. APPLY FINISH WASH COAT TO WOODWORK MADE FROM CLOSED-GRAIN WOOD BEFORE STAINING AND FINISHING.
3. AFTER STAINING, IF ANY, APPLY PASTE WOOD FILLER TO OPEN-GRAIN WOODS AND WIPES OFF EXCESS. TRIM FILLER TO MATCH STAINED WOOD.
C. TRANSPARENT FINISH: AWI FINISH SYSTEM, CATALYZED POLYURETHANE.
1.0 SHELVEING AND CLOTHES RODS
A. SHELVEING: MELAMINE-FACED PARTICULATE BOARD WITH APPLIED-PVC FRONT EDGE UNLESS NOTED OTHERWISE.
B. CLOTHES RODS: 1-5/16-INCH (33-MM) DIAMETER, CHROME-PLATED-STEEL TUBES. SELF BRACKETS WITH ROD SUPPORT: BHMA A156.16, B04001; PRIME-PAINTED STEEL SHEET.
C. STANDARDS FOR ADJUSTABLE SHELF BRACKETS: BHMA A156.9, B04102; POWDER-COAT-FINISHED STEEL.
E. ADJUSTABLE SHELF BRACKETS: BHMA A156.9, B04112; POWDER-COAT-FINISHED STEEL UNLESS NOTED OTHERWISE.
1.11 INSTALLATION
A. BEFORE INSTALLATION, CONDITION WOODWORK TO AVERAGE PREVAILING HUMIDITY CONDITIONS IN INSTALLATION AREAS.
B. INSTALL WOODWORK TO COMPLY WITH REFERENCED QUALITY STANDARD FOR GRADE SPECIFIED.
C. INSTALL WOODWORK LEVEL, PLUMB, TRUE, AND STRAIGHT. SHIM AS REQUIRED WITH CONCEALED FINISHING TRIM AND FINISHING FIXTURES.
D. SCRIBE AND CUT WOODWORK TO FIT ADJOINING WORK, REFINISH CUT SURFACES, AND REPAIR DAMAGED FINISH AT CUTS.
E. ANCHOR WOODWORK TO ANCHORS OR BLOCKING BUILT IN OR DIRECTLY ATTACHED TO SUBSTRATES. FASTEN WITH COUNTERSUNK CONCEALED FASTENERS AND BLIND NAILING. USE FIRE-RATED FASTENERS FOR FIRE-EXPOSED NAILING, COUNTERSUNK AND FILLED FLUSH WITH WOODWORK.
F. STANDING AND RUNNING TRIM: INSTALL WITH MINIMUM NUMBER OF JOINTS POSSIBLE USING FULL LENGTH PIECES (FROM LAMINATE TO FINISHING AVAILABLE) TO GREATEST EXTENT POSSIBLE. DO NOT USE PIECES LESS THAN 36 INCHES (900 MM) LONG, EXCEPT WHERE SHORTER SINGLE-LENGTH PIECES ARE NECESSARY. SCRAPE RUNNING JOINTS AND STAGGER ADJACENT AND RELATED PIECES.
G. ANCHOR PANELING TO SUPPORTS WITH CONCEALED PANEL HANGER CLIPS AND BY BLIND NAILING ON BACK-UP STRIPS, SPUNLED CONNECTION STRIPS, AND CONCEALED FINISHING TRIM AND FINISHING FIXTURES.
H. CABINETS: INSTALL SO DOORS AND DRAWERS ARE ACCURATELY ALIGNED. ADJUST HARDWARE TO CENTER DOORS AND DRAWERS IN OPENINGS AND TO PROVIDE UNIFORM OPERATION.
1. FASTEN WALL CABINETS THROUGH BACK, NEAR TOP AND BOTTOM, AT ENDS AND NOT MORE THAN 16 INCHES (400 MM) O.C. WITH NO. 10 WAFER-HEAD SCREWS THROUGH METAL BACKING OR METAL FRAMING BEHIND WALL FINISH.
I. FRAME ANCHORS: NOT LESS THAN 0.042 INCH (1.0 MM) THICK.
E. GLAZING STOPS: NONREMOVABLE STOPS ON OUTSIDE OF EXTERIOR DOORS AND ON SECURE SIDE OF INTERIOR DOORS. SCREW APPLIED, REMOVE GLAZING STOPS ON INSIDE. FABRICATE FROM SAME MATERIAL AS DOOR FACE SHEET IN WHICH THEY ARE INSTALLED.
F. DOOR LOCKS: SIGHT PROOF PER SDU 111C.
1. FIRE-RATED AUTOMATIC LOCKERS: ACTUATED BY FUSIBLE LINKS AND LISTED AND LABELED.
G. DOOR SILENCERS: THREE ON STRIKE, JAMBS OF SINGLE DOOR FRAMES AND TWO ON HEADS OF DOUBLE DOOR FRAMES.
H. GROUT GUARDS: PROVIDE WHERE MORTAR MIGHT OBSTRUCT HARDWARE OPERATION.
I. PREPARE DOORS AND FRAMES TO RECEIVE MORTISED AND CONCEALED HARDWARE ACCORDING TO ANSI A250.6 AND ANSI A115 SERIES STANDARDS.
J. REINFORCE DOORS AND FRAMES TO RECEIVE SURFACE-APPLIED HARDWARE.
K. PRIME FINISH: MANUFACTURER'S STANDARD; FACTORY-APPLIED COAT OF LEAD-AND CHROMATE-PRIME-FRIMER COMPLYING WITH ANSISD0 A250.4 ACCEPTANCE CRITERIA.
1.4 INSTALLATION
A. INSTALL HOLLOW METAL FRAMES TO COMPLY WITH ANSISD0 A250.11.
B. FIRE-RATED FRAMES: INSTALL ACCORDING TO NFPA 80.
B. INSTALL DOORS TO PROVIDE CLEARANCES BETWEEN DOORS AND FRAMES AS INDICATED IN ANSISD0 A250.11.
C. PRIME COAT TOUCH-UP: IMMEDIATELY AFTER APPLICATION, SAND SMOOTH RUSTY OR DAMAGED AREAS OF PRIME COAT AND APPLY TOUCH-UP OF COMPATIBLE HARDWARE RUST-INHIBITIVE PRIMER.
SECTION 07 21 00 - INSULATION
1.1 ACTION SUBMITTALS
A. PRODUCT DATA.
1.2 INSULATION PRODUCTS
A. SURFACE-BURNING CHARACTERISTICS: ASTM E 84, AND AS FOLLOWS:
1. FLAME-SPREAD INDEX: 25 OR LESS WHERE EXPOSED OR WITHIN PLENUMS.
2. SMOKE DEVELOPED INDEX: 450 OR LESS.
B. MINERAL-FIBER-BLANKET INSULATION: ASTM C 665, TYPE I, UNFACED WITH FIBERS MANUFACTURED FROM GLASS, SLAG WOOL, OR ROCK WOOL, WITH FLAME-SPREAD INDEX OF 25 OR LESS.
1.3 ACCESSORIES
A. VAPOR RETARDER: FIRE-RETARDANT, REINFORCED POLYETHYLENE, 6 MILS (0.15 MM) THICK.
1. VAPOR PERMEANCE: 0.0403 PERMS ACCORDING TO ASTM E 96, PROCEDURE E.
2. SURFACE BURNING CHARACTERISTICS: FOLLOWING ACCORDING TO ASTM E 84.
3. FLAME SPREAD: CLASS A, NO GREATER THAN 25.
1.4 INSTALLATION
A. INSTALL INSULATION IN AREAS AND IN THICKNESSES INDICATED OR REQUIRED TO PRODUCE R-VALUES INDICATED. CUT AND FIT TIGHTLY AROUND OBSTRUCTIONS AND FILL VOIDS WITH INSULATION.
B. EXCEPT FOR LOOSE-FILL INSULATION AND INSULATION THAT IS FRICTION FITTED IN STUD CAVITIES, BOND UNITS TO SUBSTRATE WITH ADHESIVE OR USE MECHANICAL ANCHORAGE TO PROVIDE PERMANENT PLACEMENT AND SUPPORT OF UNITS.
C. PLACE LOOSE-FILL INSULATION TO COMPLY WITH ASTM C 1015.
D. COMPLY WITH THE MCGRAW-HILL REPORT #3, "STANDARD PRACTICE FOR INSTALLING CELLULOSE INSULATION."
E. EXTEND VAPOR RETARDER TO EXTREMITIES OF AREAS TO BE PROTECTED FROM VAPOR. SECURE IN PLACE WITH ADHESIVES OR OTHER ANCHORAGE. LOCATE SEAMS AT FRAMING MEMBERS, OVERLAP, AND SEAL WITH TAPE.
SECTION 07 84 13 - PENETRATION FIRESTOPPING
REFER TO MEP DOCUMENTS FOR PENETRATION FIRESTOPPING REQUIREMENTS
SECTION 07 84 46 - FIRE-RESISTIVE JOINT SYSTEMS
1.0 ACTION SUBMITTALS
A. PRODUCT DATA, TEST REPORTS.
1.1 GENERAL
A. SECTION INCLUDES: JOINTS IN OR BETWEEN FIRE-RESISTANCE-RATED CONSTRUCTIONS AND JOINTS IN SMOKE BARRIERS.
B. FIRE-RESISTIVE JOINT SYSTEM TESTS SHALL BE PERFORMED BY A QUALIFIED TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
1.3 FIRE-RESISTIVE JOINT SYSTEMS
A. WHERE REQUIRED, PROVIDE FIRE-RESISTIVE JOINT SYSTEMS THAT ARE PRODUCED AND INSTALLED TO RESIST SPREAD OF SMOKE AND GASES TO REQUIREMENTS INDICATED, RESIST PASSAGE OF SMOKE AND OTHER GASES, AND MAINTAIN ORIGINAL FIRE-RESISTANCE RATING OF ASSEMBLIES IN OR BETWEEN WHICH FIRE-RESISTIVE JOINT SYSTEMS ARE INSTALLED. FIRE-RESISTIVE JOINT SYSTEMS SHALL ACCOMMODATE BUILDING MOVEMENTS WITHOUT IMPAIRING THEIR ABILITY TO RESIST THE PASSAGE OF FIRE AND HOT GASES.
B. JOINTS IN OR BETWEEN FIRE-RESISTANCE-RATED CONSTRUCTION: RATINGS DETERMINED PER ASTM E 1969 OR UL 2079.
1. FIRE-RESISTANCE RATING: EQUAL TO OR EXCEEDING THE FIRE-RESISTANCE RATING OF CONSTRUCTION THEY WILL JOIN.
C. JOINTS IN SMOKE BARRIERS: RATINGS DETERMINED PER UL 2079.
1. L-RATING: NOT EXCEEDING 5.0 CFM/FT (0.00775 CU M X M) OF JOINT AT 0.30 INCH (HS) (74) IN FALL AT BOTH AMBIENT AND ELEVATED TEMPERATURES.
D. EXPOSED FIRE-RESISTIVE JOINT SYSTEMS: PROVIDE PRODUCTS WITH FLAME-SPREAD AND SMOKE DEVELOPED INDEXES OF LESS THAN 25 AND 450, RESPECTIVELY AS DETERMINED PER ASTM E 84.
E. ACCESSORIES: PROVIDE COMPONENTS OF FIRE-RESISTIVE JOINT SYSTEMS, INCLUDING PRIMERS AND FORMING MATERIALS, THAT ARE NEEDED TO INSTALL FILL MATERIALS AND TO MAINTAIN RATINGS REQUIRED. USE ONLY COMPONENTS SPECIFIED BY FIRE-RESISTIVE JOINT SYSTEM MANUFACTURER AND APPROVED BY THE QUALIFIED TESTING AGENCY FOR SYSTEMS INDICATED.
1.4 INSTALLATION
A. EXAMINE SUBSTRATES AND CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR JOINT CONFIGURATIONS, SUBSTRATES, AND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK.
B. INSTALL FIRE-RESISTIVE JOINT SYSTEMS TO COMPLY WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS AND PUBLISHED DRAWINGS FOR PRODUCTS AND APPLICATIONS INDICATED.
C. INSTALL FORMING MATERIALS AND OTHER ACCESSORIES OF TYPES REQUIRED TO SUPPORT FILL MATERIALS AND TO MAINTAIN RATINGS INDICATED.
D. INSTALL FILL MATERIALS TO COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS TO PRODUCE CROSS-SECTIONAL SHAPES AND DEPTHS REQUIRED TO ACHIEVE FIRE RATINGS INDICATED.
E. INSTALL FILL MATERIALS TO COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS TO PRODUCE THE FOLLOWING RESULTS:
1. FILL VOIDS AND CAVITIES FORMED BY JOINTS AND FORMING MATERIALS AS REQUIRED TO ACHIEVE FIRE-RESISTANCE RATINGS INDICATED.
2. APPLY FILL MATERIALS SO THEY CONTACT AND ADHERE TO SUBSTRATES FORMED BY JOINTS.
3. FOR FILL MATERIALS THAT WILL REMAIN EXPOSED AFTER COMPLETING THE WORK, FINISH TO PRODUCE SMOOTH, UNIFORM SURFACES THAT ARE FLUSH WITH ADJOINING FINISHES.
E. IDENTIFY FIRE-RESISTIVE JOINT SYSTEMS WITH PREPRINTED METAL OR PLASTIC LABELS. ATTACH LABELS PERMANENTLY TO SURFACES ADJACENT TO AND WITHIN 6 INCHES (150 MM) OF JOINT EDGE SO LABELS WILL BE VISIBLE TO ANYONE SEEKING TO REMOVE OR PENETRATE JOINT SYSTEM. USE MECHANICAL FASTENERS OR SELF-ADHERING TYPE LABELS WITH ADHESIVES CAPABLE OF PERMANENTLY BONDING LABELS TO SURFACES ON WHICH LABELS ARE PLACED. INCLUDE THE FOLLOWING INFORMATION ON LABELS:
1. THE WORDS "WARNING - FIRE-RESISTIVE JOINT SYSTEM - DO NOT DISTURB. NOTIFY BUILDING MANAGEMENT OF ANY DAMAGE."
2. CONTRACTOR'S NAME, ADDRESS, AND PHONE NUMBER.
3. DATE OF INSTALLATION.
5. MANUFACTURER'S NAME.
6. INSTALLER'S NAME.

F. CONCEALED BOARDS: EASTERN SOFTWOODS, NO. 3 COMMON; NLGA, NORTHERN SPECIES; NO. 3 COMMON; NLGA, MIXED SOUTHERN PINE; NO. 2 SPIB; OR WESTERN WOODS, STANDARD; WCLB, OR NO. 3 COMMON; WHPA, WITH 15 PERCENT MAXIMUM MOISTURE CONTENT.
G. MISCELLANEOUS CARPENTRY: CONSTRUCTION, STUD, OR NO. 2 GRADE WITH 15 PERCENT MAXIMUM MOISTURE CONTENT OF ANY SPECIES. PROVIDE FOR NAILERS, BLOCKING, AND SIMILAR MEMBERS.
H. TELEPHONE AND ELECTRICAL EQUIPMENT BACKING PANELS: PLYWOOD, EXTERIOR, C-C PLUGGED, FIRE-RETARDANT TREATED, NOT LESS THAN 3/4-INCH (19-MM) NOMINAL THICKNESS.
I. WHERE ROUGH CARPENTRY IS EXPOSED TO WEATHER, IN GROUND CONTACT, OR IN AREA OF HIGH RELATIVE HUMIDITY, PROVIDE FASTENERS WITH HOT-DIP ZINC COATING COMPLYING WITH ASTM A 153A 153M.
J. POWER-DRIVEN FASTENERS: CABO NER-272.
1.8 INSTALLATION
A. SET MISCELLANEOUS ROUGH CARPENTRY TO REQUIRED LEVELS AND LINES, WITH MEMBERS PLUMB, TRUE TO LINE, CUT, AND FITTED. LOCATE NAILERS, BLOCKING, AND SIMILAR SUPPORTS TO COMPLY WITH REQUIREMENTS FOR ATTACHING CONTINUOUS BEAD OF ACOUSTICAL SEALANT. INSTALL ACOUSTICAL SEALANT AT BOTH FACES OF PARTITIONS. COMPLY WITH ASTM C 919.
B. SECURELY ATTACH MISCELLANEOUS ROUGH CARPENTRY TO SUBSTRATES, COMPLYING WITH THE FOLLOWING:
1. CABO NER-272 FOR POWER-DRIVEN FASTENERS.
2. TABLE 2304.9.1, "FASTENING SCHEDULE," IN THE IBC.
B. ENVIRONMENTAL LIMITATIONS: DO NOT DELIVER OR INSTALL WOODWORK UNTIL BUILDING IS ENCLOSED.
SECTION 06 40 23 - INTERIOR ARCHITECTURAL WOODWORK
1.0 ACTION SUBMITTALS
A. SAMPLES SHOWING COLORS, TEXTURES, AND PATTERNS AVAILABLE FOR EACH TYPE OF FINISH.
B. PRODUCT DATA FOR ALL PRODUCTS NOT NAMED IN THE CONTRACT DOCUMENTS.
C. SHOP DRAWINGS.
1.1 GENERAL
A. QUALITY STANDARD: ARCHITECTURAL WOODWORK INSTITUTES' ARCHITECTURAL WOODWORK STANDARDS.
1.2 MATERIALS
A. HARDBOARD: AHA A1354.
B. MEDIUM-DENSITY FIBERBOARD: ANSI A208.2, GRADE 130, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE.
C. PARTICLEBOARD: ANSI A208.1, GRADE M-2 CONTAINING NO UREA FORMALDEHYDE.
D. SOFTWOOD PLYWOOD: DOC PS 1.
HARDWOOD PLYWOOD AND FACE VENEERS: HPVA HP-1, MADE WITH ADHESIVE CONTAINING NO UREA FORMALDEHYDE.
F. FIBERGLASS DECORATIVE PANELS: COMPLY WITH LMA SAT - 1.
G. HIGH-PRESSURE DECORATIVE LAMINATE: NEMA LD 3.
H. SOLID-SURFACING MATERIAL: HOMOGENEOUS SOLID SHEETS OF FILLED PLASTIC RESIN COMPLYING WITH BS642.
1.3 FIRE-RETARDANT-TREATED MATERIALS
A. FIRE-RETARDANT-TREATED MATERIALS: GENERAL: WHERE FIRE-RETARDANT-TREATED MATERIALS ARE INDICATED, USE MATERIALS COMPLYING WITH REQUIREMENTS IN THIS ARTICLE THAT ARE CAPABLE OF WITHSTANDING HAVING JURISDICTION AND WITH FIRE-TEST-RESPONSE CHARACTERISTICS SPECIFIED AS DETERMINED BY TESTING IDENTICAL PRODUCTS PER TEST METHOD IND

SECTION 09 30 00 TILING

- 1.0 ACTION SUBMITTALS: A. MANUFACTURER'S PRODUCT DATA AND INSTALLATION INSTRUCTIONS FOR SETTING MATERIALS, MEMBRANES AND ACCESSORIES...

- 1.1 INFORMATION SUBMITTALS: A. QUALIFICATIONS DATE FOR INSTALLER

- 1.2 MAINTNANCE MATERIALS SUBMITTALS: A. FURNISH EXTRA MATERIALS THAT MATCH AND ARE FROM SAME PRODUCTION RUNS AS PRODUCTS INSTALLED...

- 1.3 PRODUCTS: A. TILE PRODUCT SELECTIONS AND TRIM ACCESSORIES ARE SCHEDULED ON THE DRAWINGS...

- 1.4 TILE INSTALLATION SCHEDULE: A. CONCRETE FLOORS, DRY AREAS: TCNA F115, F115A WITH DECOUPLING OR CRACK ISOLATION (FULL COVERAGE) MEMBRANE...

SECTION 09 51 13 - ACOUSTICAL PANEL CEILINGS

- 1.0 ACTION SUBMITTALS: A. SUBMITTAL SAMPLES

- 1.1 GENERAL: A. FIRE-RESISTANCE-RATED ASSEMBLIES: WHERE FIRE RATED ASSEMBLIES ARE INDICATED, PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED...

- 1.2 ACOUSTICAL PANELS: A. PANEL DESCRIPTION IS INDICATED IN THE FINISH LEGEND

- 1.3 CEILING SUSPENSION SYSTEM: A. DIRECT-HUNG SYSTEM: ASTM C 635, HEAVY-DUTY STRUCTURAL CLASSIFICATION

- 1.4 INSTALLATION: A. CEILING SUSPENSION SYSTEM INSTALLATION: COMPLY WITH ASTM C 636 AND CISCA'S "CEILING SYSTEMS HANDBOOK"

SECTION 09 65 13 - RESILIENT BASE AND ACCESSORIES

- 1.0 ACTION SUBMITTALS: A. SAMPLES

- 1.1 GENERAL: A. EXTRA MATERIALS: DELIVER TO OWNER AT LEAST 20 LINEAR FEET OF EACH TYPE AND COLOR OF RESILIENT WALL BASE INSTALLED

- 1.2 RESILIENT BASE: A. COLOR AND PATTERN: AS INDICATED

- PROVIDED OR APPROVED BY FLOORING MANUFACTURER FOR APPLICATIONS INDICATED

- 1.5 INSTALLATION: A. PREPARE CONCRETE SUBSTRATES ACCORDING TO ASTM F 710. VERIFY THAT SUBSTRATES ARE DRY AND FREE OF CURING COMPOUNDS, SEALERS, AND HARDENERS

- 1.6 APPLICATION: A. COMPLY WITH RECOMMENDATIONS IN MPIS "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED

- 1.7 INTERIOR PAINT APPLICATION SCHEDULE: A. CONCRETE MASONRY UNITS: LATEX: TWO COATS OVER LATEX BLOCK FILLER

SECTION 09 65 19 - RESILIENT TILE FLOORING

- 1.0 ACTION SUBMITTALS: A. SAMPLES

- 1.1 GENERAL: A. EXTRA MATERIALS: DELIVER TO OWNER ONE BOX FOR EVERY 50 BOXES OR FRACTION THEREOF, OF EACH TYPE AND COLOR OF RESILIENT FLOOR TILE INSTALLED

- 1.2 FLOOR TILE: A. PRODUCTS: L: AS INDICATED

- 1.3 UNCLEINUM FLOOR TILE: A. FLOOR TILE: ASTM F 2195

- 1.4 THICKNESS AND SIZE AS INDICATED: INSTALLATION ACCESSORIES: A. TROWELABLE LEVELING AND PATCHING COMPOUNDS: LATEX-MODIFIED, PORTLAND CEMENT- OR BLENDED HYDRAULIC CEMENT-BASED FORMULATION

- 1.5 INSTALLATION: A. PREPARE CONCRETE SUBSTRATES ACCORDING TO ASTM F 710. VERIFY THAT SUBSTRATES ARE DRY AND FREE OF CURING COMPOUNDS, SEALERS, AND HARDENERS

SECTION 09 68 103 - CARPETING

- 1.0 ACTION SUBMITTALS: A. SAMPLES

- 1.1 GENERAL: A. EXTRA MATERIALS: DELIVER TO OWNER CARPET TILES EQUAL TO 5 PERCENT OF EACH TYPE AND COLOR CARPET TILE INSTALLED, PACKAGED WITH PROTECTIVE COVERING FOR STORAGE

- 1.2 CARPET: A. PRODUCTS: 1. AS INDICATED IN THE FINISH LEGEND

- 1.3 INSTALLATION: A. COLOR AND PATTERN: AS INDICATED

- 1. WALL LATEX PAINTS: 11 GL

- 1.3 PREPARATION: A. COMPLY WITH RECOMMENDATIONS IN MPIS "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED

- 1.4 APPLICATION: A. COMPLY WITH RECOMMENDATIONS IN MPIS "MPI ARCHITECTURAL PAINTING SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED

- 1.5 INTERIOR PAINT APPLICATION SCHEDULE: A. CONCRETE MASONRY UNITS: LATEX: TWO COATS OVER LATEX BLOCK FILLER

- 1.6 ACTION SUBMITTALS: A. FULL-WIDTH SAMPLE OF EACH WALL COVERING

- 1.1 PERFORMANCE CHARACTERISTICS: A. FIRE PERFORMANCE CHARACTERISTICS: PROVIDE SURFACE BURNING CHARACTERISTICS AS DETERMINED BY ASTM E 84/NFPA 255UL-723

- 1.2 MATERIALS: A. PRODUCT SELECTIONS ARE INDICATED ON THE DRAWINGS

- 1.3 INSTALLATION: A. FOLLOW MANUFACTURER'S PRINTED INSTRUCTIONS FOR SURFACE PREPARATION. PREPARE SUBSTRATES TO ACHIEVE A SMOOTH, DRY, CLEAN SURFACE

- 1.4 ACTION SUBMITTALS: A. MANUFACTURER'S PRODUCT DATA FOR EACH TOILET ACCESSORY INDICATED ON THE DRAWINGS

- 1.5 MATERIALS: A. STAINLESS STEEL: ASTM A 666, TYPE 302/304, WITH POLISHED NO. 4 FINISH, 0.034-INCH (22-GAGE) MINIMUM THICKNESS, UNLESS OTHERWISE INDICATED

- 1.6 INSTALLATION: A. INSTALL "TOILET ACCESSORY UNITS ACCORDING TO MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS, USING FASTENERS APPROPRIATE TO SUBSTRATE

- 1.7 ACTION SUBMITTALS: A. PRODUCT DATA INCLUDE PRINTOUT OF MPIS "MPI APPROVED PRODUCTS LIST" WITH PRODUCT HIGHLIGHTED

- 1.8 GENERAL: A. EXTRA MATERIALS: DELIVER TO OWNER 1 GAL (3.8 L) OF EACH COLOR AND TYPE OF FINISH COAT PAINT USED ON PROJECT, IN CONTAINERS, PROPERLY LABELED AND SEALED

- 1.9 PAINT: A. MPI STANDARDS: PROVIDE MATERIALS THAT COMPLY WITH MPI STANDARDS INDICATED AND LISTED IN ITS "MPI APPROVED PRODUCTS LIST"

- 1.10 ACTION SUBMITTALS: A. PRODUCT DATA INCLUDE PRINTOUT OF MPIS "MPI APPROVED PRODUCTS LIST" WITH PRODUCT HIGHLIGHTED

- 1.11 GENERAL: A. EXTRA MATERIALS: DELIVER TO OWNER 1 GAL (3.8 L) OF EACH COLOR AND TYPE OF FINISH COAT PAINT USED ON PROJECT, IN CONTAINERS, PROPERLY LABELED AND SEALED

SECTION 10 44 13 - FIRE EXTINGUISHER CABINETS

- 1.0 ACTION SUBMITTALS: A. SUBMIT PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED

- 1.1 GENERAL: A. FIRE-RATED, FIRE PROTECTION CABINETS: LISTED AND LABELED TO COMPLY WITH REQUIREMENTS IN ASTM E 814 FOR FIRE-RESISTANCE RATING OF WALLS

- 1.2 CABINET CONSTRUCTION: A. NONRATED TYPICAL, PROVIDE FIRE RATED CONSTRUCTION MATCHING WALL RATING WHERE INDICATED

- 1.3 INSTALLATION: A. INSTALL FIRE PROTECTION CABINETS IN LOCATIONS AND AT MOUNTING HEIGHTS INDICATED OR, IF NOT INDICATED, AT HEIGHTS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION

- 1.4 ACTION SUBMITTALS: A. FULL-WIDTH SAMPLE OF EACH WALL COVERING

- 1.1 PERFORMANCE CHARACTERISTICS: A. FIRE PERFORMANCE CHARACTERISTICS: PROVIDE SURFACE BURNING CHARACTERISTICS AS DETERMINED BY ASTM E 84/NFPA 255UL-723

- 1.2 MATERIALS: A. PRODUCT SELECTIONS ARE INDICATED ON THE DRAWINGS

- 1.3 INSTALLATION: A. FOLLOW MANUFACTURER'S PRINTED INSTRUCTIONS FOR SURFACE PREPARATION. PREPARE SUBSTRATES TO ACHIEVE A SMOOTH, DRY, CLEAN SURFACE

- 1.4 ACTION SUBMITTALS: A. MANUFACTURER'S PRODUCT DATA FOR EACH TOILET ACCESSORY INDICATED ON THE DRAWINGS

- 1.5 MATERIALS: A. STAINLESS STEEL: ASTM A 666, TYPE 302/304, WITH POLISHED NO. 4 FINISH, 0.034-INCH (22-GAGE) MINIMUM THICKNESS, UNLESS OTHERWISE INDICATED

- 1.6 INSTALLATION: A. INSTALL "TOILET ACCESSORY UNITS ACCORDING TO MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS, USING FASTENERS APPROPRIATE TO SUBSTRATE

- 1.7 ACTION SUBMITTALS: A. PRODUCT DATA INCLUDE PRINTOUT OF MPIS "MPI APPROVED PRODUCTS LIST" WITH PRODUCT HIGHLIGHTED

- 1.8 GENERAL: A. EXTRA MATERIALS: DELIVER TO OWNER 1 GAL (3.8 L) OF EACH COLOR AND TYPE OF FINISH COAT PAINT USED ON PROJECT, IN CONTAINERS, PROPERLY LABELED AND SEALED

- 1.9 PAINT: A. MPI STANDARDS: PROVIDE MATERIALS THAT COMPLY WITH MPI STANDARDS INDICATED AND LISTED IN ITS "MPI APPROVED PRODUCTS LIST"

- 1.10 ACTION SUBMITTALS: A. PRODUCT DATA INCLUDE PRINTOUT OF MPIS "MPI APPROVED PRODUCTS LIST" WITH PRODUCT HIGHLIGHTED

- 1.11 GENERAL: A. EXTRA MATERIALS: DELIVER TO OWNER 1 GAL (3.8 L) OF EACH COLOR AND TYPE OF FINISH COAT PAINT USED ON PROJECT, IN CONTAINERS, PROPERLY LABELED AND SEALED



CORNERSTONE

211 WEST 7TH ST, RICHMOND, VIRGINIA 23224 TELEPHONE: 804.353.3051 WEBSITE: WWW.CSARCH.COM

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SEAL



RBHA MRTC 2ND FLOOR RENOVATION

1700 FRONT ST. RICHMOND, VIRGINIA 23222

Table with 3 columns: MARK, DATE, DESCRIPTION

PROJECT NO: 21056.00 MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR START DATE: 11/02/2021 PROJECT MANAGER: JHS PRINCIPAL IN CHARGE: CSS

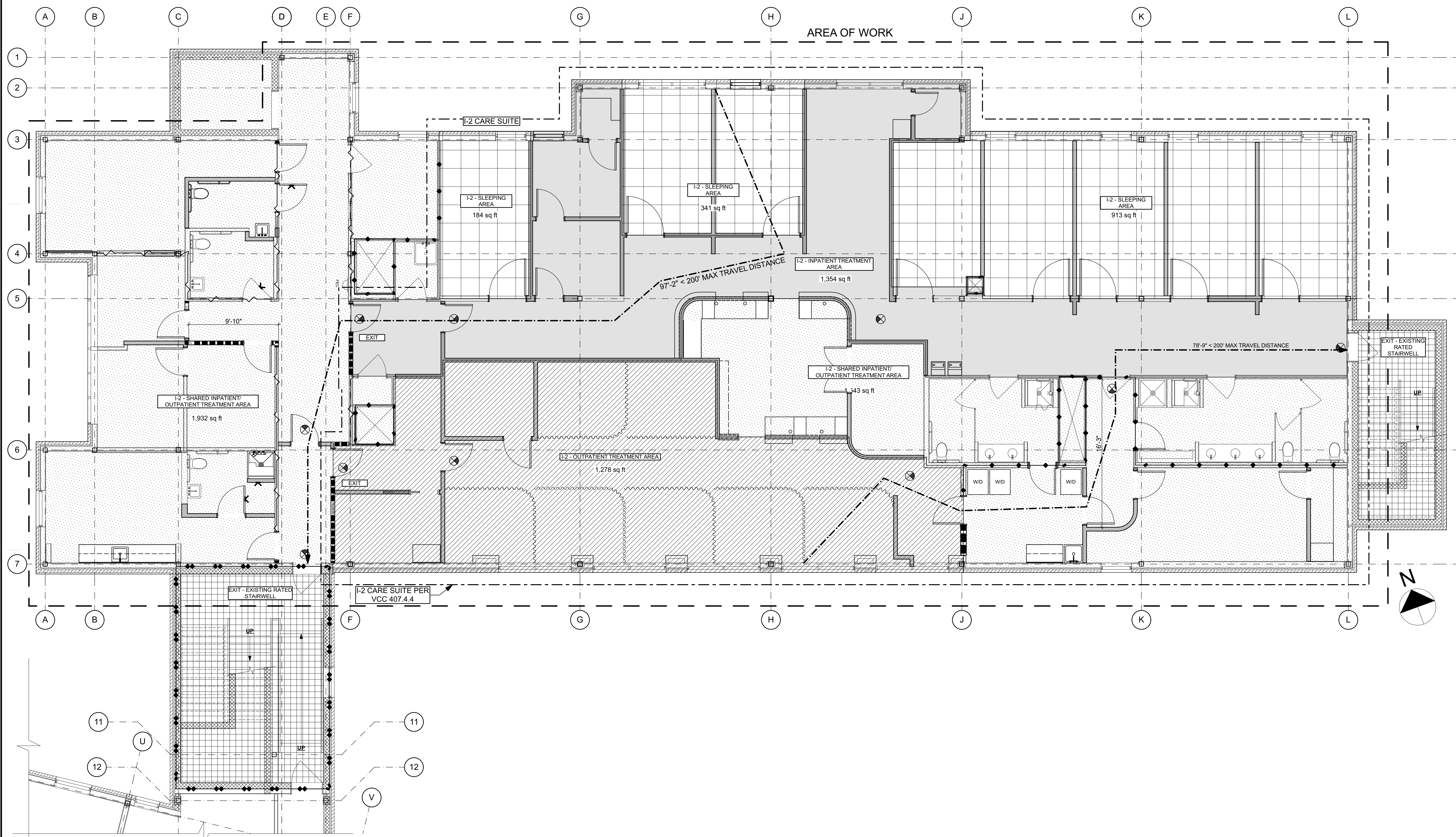
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SHEET TITLE

PROJECT SPECIFICATIONS (3 OF 3)

A-005

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1 LIFE SAFETY PLAN - 2ND FLOOR
SCALE: 3/16" = 1'-0"

LIFE SAFETY GENERAL NOTES

1. SEE SHEET A-101 FOR FULL CODE DATA, INCLUDING BUILDING CONSTRUCTION AREA, OCCUPANT LOADS, BUILDING EXITING, AND FIRE DETECTION/ SUPPRESSION.
2. REFER TO MEP DRAWINGS FOR FIRE ALARM PLAN.
3. REFER TO RCP DRAWING FOR SUGGESTED LOCATION OF EXIT SIGNAGE. ELECTRICAL ENGINEER IS RESPONSIBLE FOR LOCATING ALL EXIT SIGNAGE. IN DESIGN-BUILD PROJECTS, RESPONSIBILITY FOR LOCATING CODE-COMPLIANT EGRESS SIGNAGE FALLS TO THE SUB-CONTRACTORS.
4. REFER TO FLOOR PLAN FOR FIRE EXTINGUISHER CABINET LOCATIONS.
5. ELECTRICAL ENGINEER IS RESPONSIBLE FOR LOCATING ALL EMERGENCY EGRESS LIGHTING. ENGINEER TO VERIFY WITH OWNER WHETHER EMERGENCY CIRCUITS OR BATTERY BACKUP WILL BE USED. IN DESIGN-BUILD PROJECTS, RESPONSIBILITY FOR LOCATING CODE-COMPLIANT EMERGENCY LIGHTING FALLS TO THE SUB-CONTRACTORS.

LIFE SAFETY INFO

BUILDING IS FULLY SPRINKLERED

AREA SQUARE FOOTAGE:
AREA OF RENOVATIONS/ NEW CONSTRUCTION: 7,540 SQ. FT.
OCCUPANT LOAD: 56 OCC.

DEAD END CORRIDORS:
(MAXIMUM = 97'-9")
ACTUAL DISTANCE: 16'-3"

EXITS:
OCCUPANT COUNT HAS REDUCED, AND NEITHER OF THE EXITS FROM THE 2ND FLOOR INTO THE RATED STAIRS CHANGED, THEREFORE, EXISTING EXITS REMAIN SUFFICIENT.

CARE SUITE CODE ANALYSIS

- 407.4.4.1. ADJACENT AREAS CAN EGRESS THE FLOOR WITHOUT PASSING THROUGH THE CARE SUITE.
- 407.4.4.2. CARE SUITE IS SEPARATED WITH A SMOKE PARTITION.
- 407.4.4.3. NO PASSAGE THROUGH MORE THAN 3 DOORS IS REQUIRED TO ACCESS A CORRIDOR.
- 407.4.4.4. ALL DOORS MEET MEANS OF EGRESS REQUIREMENTS.
- 407.4.4.5. SLEEPING ROOM AREAS ARE PROVIDED WITH AN AUTOMATIC SMOKE DETECTION SYSTEM (CRITERIA #3)
- 407.4.4.6.1. TOTAL SQUARE FOOTAGE OF CARE SUITE IS 5,649 SQ. FT. (<15,000 SQ. FT.)
- 407.4.6.2. CARE SUITE HAS TWO EXIT ACCESS DOORS.



211 WEST 7TH ST. RICHMOND, VIRGINIA 23224
TELEPHONE: 804.353.3051
WEBSITE: WWW.CSARCH.COM

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RBHA MRTC 2ND FLOOR RENOVATION
1700 FRONT ST.
RICHMOND, VIRGINIA 23222

MARK	DATE	DESCRIPTION

PROJECT NO: 21056.00
MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR
START DATE: 11/02/2021
PROJECT MANAGER: JHS
PRINCIPAL IN CHARGE: CSS

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SHEET TITLE
LIFE SAFETY PLAN

A-102

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DIM. PLAN GENERAL NOTES

- 1. ALL DIMENSIONS ARE FROM THE CENTER LINE OF NEW WALLS AND THE FINISHED FACE OF EXISTING OR EXTERIOR WALLS.
- 2. ALL DOOR OPENINGS ARE TO BE LOCATED (FROM HINGE SIDE) 4" FROM ADJACENT WALLS UNDO.

① DIM. PLAN KEY NOTES

- 1. ALIGN FINISHED FACE OF NEW PARTITION TO FINISHED FACE OF EXISTING PARTITION OR COLUMN ENCLOSURE.
- 2. CENTER NEW PARTITION ON EXISTING WINDOW MULLION.
- 3. CENTER NEW WALL ON EXISTING COLUMN.



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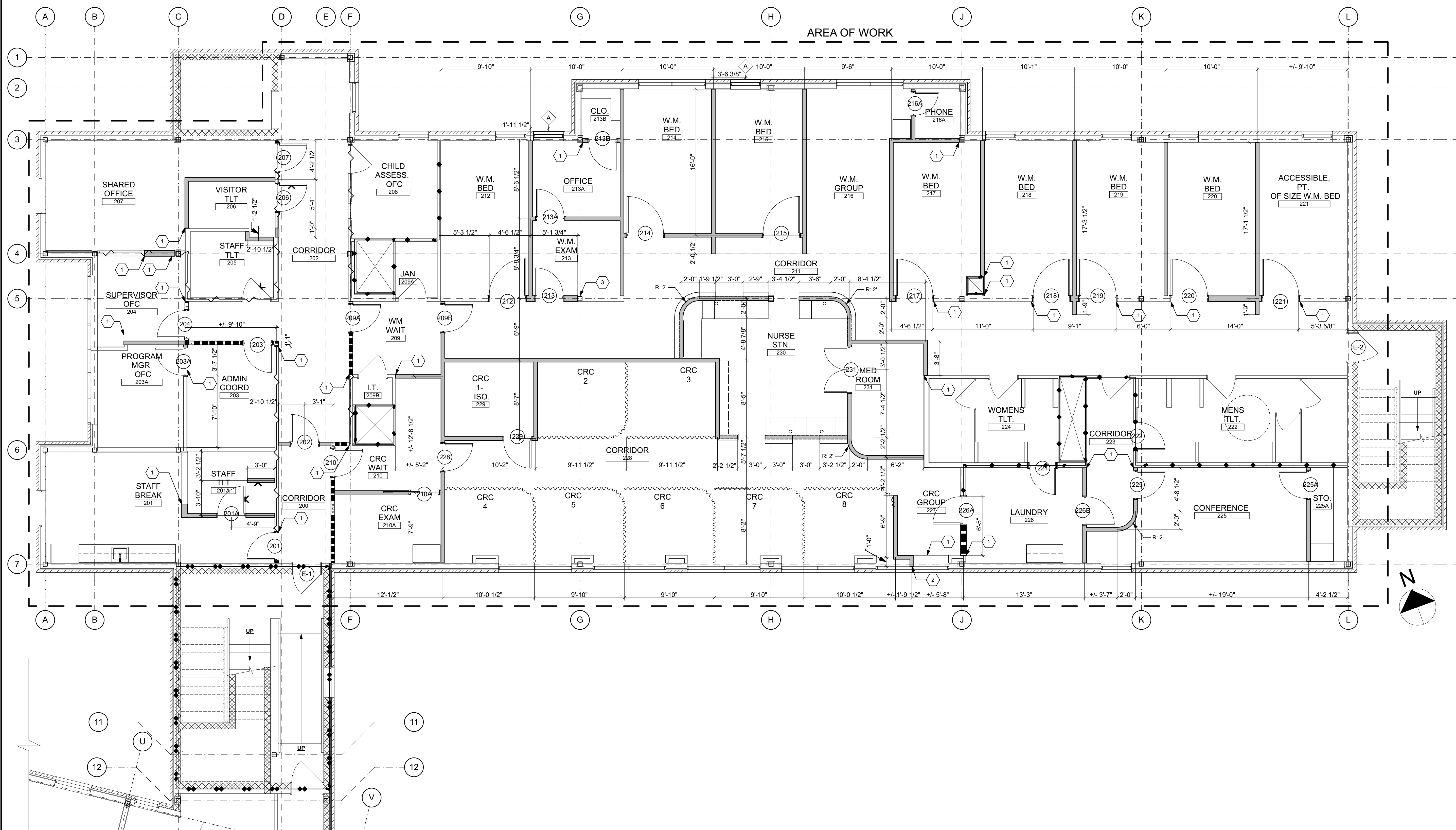
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RBHA MRTC 2ND FLOOR RENOVATION

1700 FRONT ST.
RICHMOND, VIRGINIA 23222



1 DIMENSION PLAN - 2ND FLOOR
SCALE: 3/16" = 1'-0"

MARK	DATE	DESCRIPTION

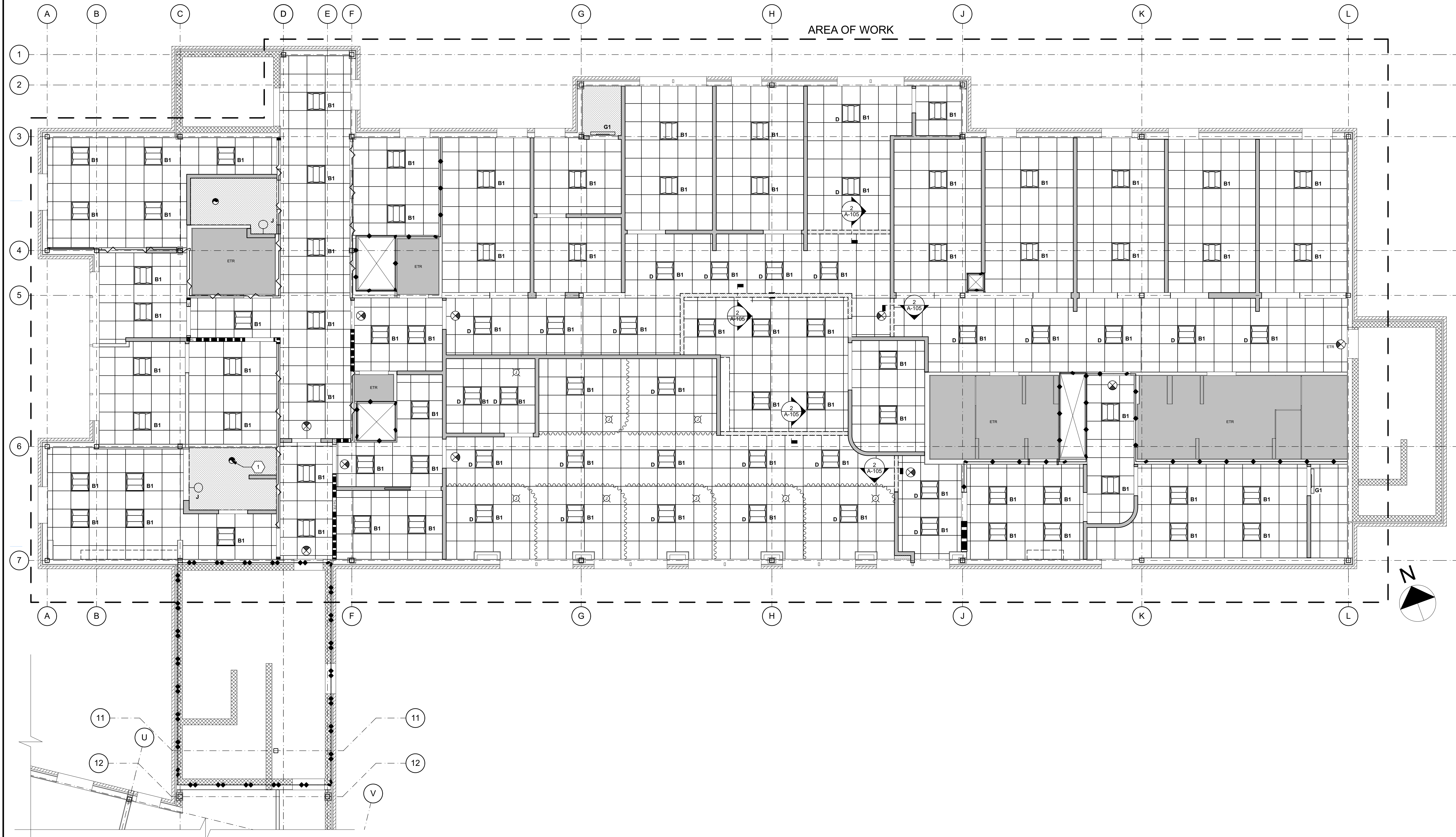
PROJECT NO: 21056.00
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SHEET TITLE
DIMENSION PLAN

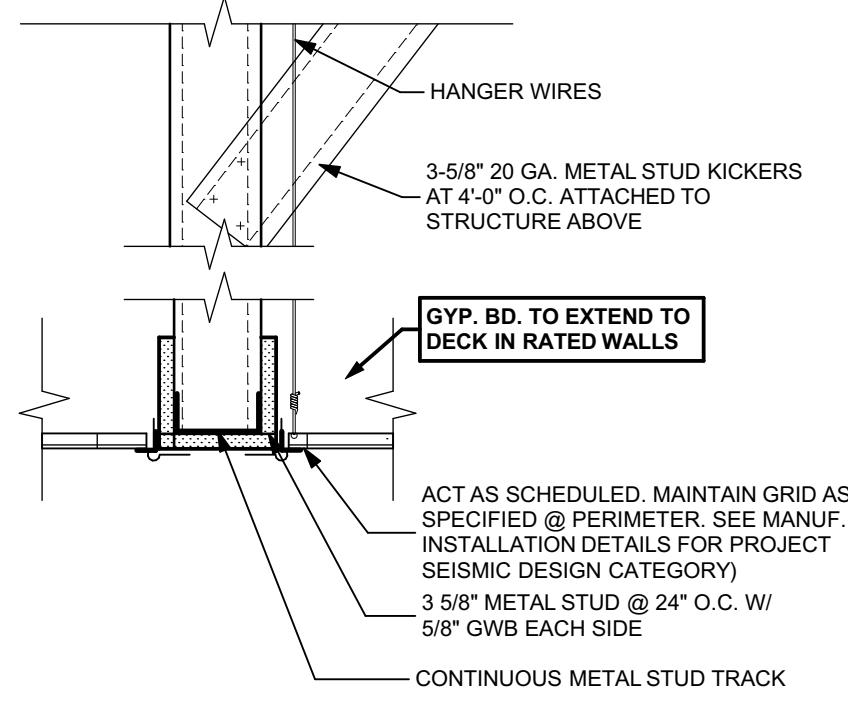
A-104

BMcloud: Server1 - BIMcloud Basic for ARCHICAD 23/21056.00 RBHA MTC 2ND FLOOR RENOVATION - Wednesday, March 2, 2022 - 1:23 PM - JScogin



1 REFLECTED CEILING PLAN - 2ND FLOOR
SCALE: 3/16" = 1'-0"

2 DROPPED HEADER (MTL)
SCALE: 1 1/2" = 1'-0"



RCP DEMO NOTES

1. RELOCATE SPRINKLER HEADS AS REQUIRED.
2. RELOCATE ALL EXISTING DIFFUSERS AND LIGHTS AS NEEDED.
3. ALL FIXTURES TO BE DEMOLISHED TO BE ENTERED IN RECYCLING PROGRAM BY CONTRACTOR. ANY CREDIT PROVIDED TO CONTRACTOR MUST BE REPORTED TO OWNER.

RCP GENERAL NOTES

1. PROVIDE ALL CODE REQUIRED EGRESS LIGHTING & EXIT SIGNAGE.
2. TYPICAL CEILING HEIGHT IS +18'-0" U.N.O.
3. REFER TO REFLECTED CEILING PLAN AND ELECTRICAL PLANS FOR UNDER CABINET LIGHTING.
4. ALL FIXTURES AND EQUIPMENT PENETRATING CEILING TILES IS TO BE CENTERED ON TILE U.N.O.
5. CENTER ACOUSTICAL CEILING TILE WITHIN ROOMS AS INDICATED PER REFLECTED CEILING PLAN U.N.O.
6. TYPICAL SOFFIT HEADER @ 8'-0" - SEE DETAIL 2/A-105.
7. ALL LIGHT SWITCHES TO BE MOUNTED AT 48" A.F.F. CENTERLINE. MAX.
8. ELECTRICAL ENGINEER IS RESPONSIBLE FOR LOCATING ALL EMERGENCY EGRESS LIGHTING. ENGINEER TO VERIFY WITH OWNER WHETHER EMERGENCY CIRCUITS OR BATTERY BACKUP WILL BE USED. IN DESIGN-BUILD PROJECTS, RESPONSIBILITY FOR LOCATING CODE-COMPLIANT EMERGENCY LIGHTING FALLS TO THE SUB-CONTRACTORS.

RCP SYMBOL LEGEND

- 5" WIDE (TYP.) GWB HEADER, ALIGN FINISHED FACE WITH ADJACENT FINISHED PARTITION FACE (TYP.). FINISH IS TO MATCH ADJACENT PARTITION U.N.O. BOTTOM FACE OF HEADER IS TO BE (GWB1) PER FINISH LEGEND. U.N.O.
- INDICATES NEW ACOUSTICAL CEILING TILE & GRID PER FINISH LEGEND
- INDICATES NEW GYPSUM CEILING TO BE PAINTED (GWB1) U.N.O.
- B1= 2x2 LAY-IN DIRECT/INDIRECT LED LIGHT FIXTURE
- G1= SURFACE WALL MOUNTED LINEAR LED UP/DOWN LIGHT
- LED WALL SCONCE BY TRIBESIGNS, TH-SF007 3-LIGHT BLACK MODERN/CONTEMPORARY VANITY LIGHT; MOUNTING HEIGHT, BOTTOM OF FIXTURE @ 80" A.F.F.
- 1" NEXT TO FIXTURE INDICATES THAT THE FIXTURE IS TO BE DIMMABLE
- SUGGESTED LOCATION OF EXIT LIGHT. REFER TO ELECTRICAL DRAWINGS. ELECTRICAL ENGINEER IS RESPONSIBLE FOR LOCATING ALL EXIT SIGNAGE. IN DESIGN-BUILD PROJECTS, RESPONSIBILITY FOR LOCATING CODE-COMPLIANT EGRESS SIGNAGE FALLS TO THE SUB-CONTRACTORS.
- EXHAUST FAN. REFER TO MECHANICAL DRAWINGS
- CEILING HEIGHT MARKER

RCP KEY NOTES

1. REUSE EXISTING EXHAUST FANS AS FEASIBLE.



CORNERSTONE
211 WEST 7TH ST. RICHMOND, VIRGINIA 23224
TELEPHONE: 804.353.3051
WEBSITE: WWW.CSARCH.COM

CONSULTANTS

SEAL



RBHA MRTC 2ND FLOOR RENOVATION

1700 FRONT ST.
RICHMOND, VIRGINIA 23222

MARK	DATE	DESCRIPTION

PROJECT NO: 21056.00
 MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR
 START DATE: 11/02/2021
 PROJECT MANAGER: JHS
 PRINCIPAL IN CHARGE: CSS

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SHEET TITLE

REFLECTED CEILING PLAN

A-105

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CABINETY CONST. NOTES

- GENERAL NOTES
1. CABINETY SUB CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF DIMENSIONS AND SITE CONDITIONS.
2. CABINETY SHALL MEET AIA SECTION 16 MODULAR CABINET STANDARDS (MINIMUM).
3. PROVIDE ARCHITECT WITH SHOP DRAWINGS PRIOR TO CONSTRUCTION.
4. COORDINATE WITH ELECTRICAL, TELEPHONE, MECHANICAL AND/OR PLUMBING EQUIPMENT.
5. PROTECT CASEWORK AS REQUIRED DURING CONSTRUCTION.
6. VERIFY DOOR AND DRAWER HORIZONTAL AND VERTICAL ALIGNMENT.
7. ALL MATERIALS AND WORKMANSHIP TO BE COVERED BY A 1 YEAR WARRANTY. REPLACE ANY DEFECTIVE PART(S) AT NO COST TO OWNER.

- CABINET CONSTRUCTION
1. INTERIOR SURFACES TO BE 3/4" WHITE MELAMINE, EXCEPT BACK PANELS TO BE 1/2" WHITE MELAMINE.
2. CONCEAL MOUNTING STRIPS.
3. COVER EXPOSED SURFACES WITH HIGH PRESSURE LAMINATE.
4. LAMINATE BOTTOM EDGES OF CABINETS AND END PANELS.
5. CONNECTING BOLTCENTRIC CAM LOCK SYSTEM WITH AN 8MM GLUED HARDWOOD DOWEL OR DOVETAIL AT EACH JOINT.
6. STEEL AND ZINC ALLOY COMPOSITION LOCKS WITH PIN TYPE TUMBLER. PROVIDE TWO KEYS PER LOCK.
COUNTER TOP
1. USE HIGH PRESSURE LAMINATE ON EXTERIOR GRADE PLYWOOD AND SPLASHES IN WET AREAS.
2. CAULK TOP AND SPLASH TO WALL. COLOR IS TO MATCH WALL.
3. FILL AND MITER SEAMS WITH SILICONE.
4. USE COLORED SILICONE BETWEEN TOP AND SPLASH. COLOR IS TO MATCH.
5. USE PAINTABLE SILICONE WHERE SPLASH AND COUNTER MEET WALL. COLOR IS TO MATCH WALL.
6. PROVIDE ANGLED LAMINATE SUPPORT BRACKETS FOR UNSUPPORTED TOPS OVER 4'-0" IN LENGTH OR MTL. "L" BRACKETS AS SPECIFIED PER DRAWINGS.
7. CABINETY SUB CONTRACTOR TO FURNISH WIRE GROMMETS IN ALL LOCATIONS WHERE ELECTRICAL OUTLETS ARE LOCATED BENEATH OPEN COUNTERTOPS. GENERAL CONTRACTOR TO VERIFY LOCATIONS WITH OWNER PRIOR TO DRILLING COUNTERTOPS. COLOR OF GROMMETS IS TO MATCH COUNTERTOP AS CLOSELY AS POSSIBLE.
8. COUNTER TOP IS TO OVERHANG FACE OF BASE CABINET AND EXPOSED EDGES BY 1".
9. PROVIDE T-MOULD EDGE BANDING ON PLASTIC LAMIN. COUNTERTOPS ON "WORK SIDE" OF COUNTERTOPS LOCATED AT STAFF WORK STATIONS ONLY. COLOR IS TO MATCH PLASTIC LAMIN. AS CLOSELY AS POSSIBLE. CONTRACTOR TO SUBMIT SAMPLES FOR APPROVAL.

- DRAWER
1. 8 MM WHITE MELAMINE WRAPPED INTERIOR.
2. 1/2" BOTTOM GROOVE FOR 1/2" WHITE MELAMINE WRAPPED HARDBOARD.
3. USE DOVETAIL OR DOWEL GLUED UNDER PRESSURE FOR AT CORNER.
4. MOUNT DRAWER AND FALSE DRAWER FRONT WITH ADJUSTABLE HARDWARE.
5. 1/2" CLEARANCE BETWEEN CABINET FACES, INCLUDING COUNTER TOP. DOOR AND DRAWER TO BE FLUSH WITH BOTTOM OF CABINET.

- DRAWER SLIDE
1. USE 'ACCURIDE' OR APPROVED EQUAL IN A STANDARD CLEAR ZINC FINISH.
2. LIGHT TO MEDIUM DUTY DRAWER:
A. 16" (408 MM) WIDE OR LESS ACCURIDE 38025C/ 100 LBS/PR (45 KG) LOAD RATING.
B. 24" (610 MM) WIDE OR LESS ACCURIDE 7432/ 100 LBS/PR (45 KG) LOAD RATING.
3. HEAVY DUTY DRAWER:
A. 24" (610 MM) WIDE OR LESS ACCURIDE 4034/ 150 LBS/PR (68 KG) LOAD RATING.
B. 42" (1.1 M) WIDE OR LESS ACCURIDE 3649/ 200 LBS/PR (90 KG) LOAD RATING.

- DRAWER FRONT ADJUSTORS
1. NYLON FITTING WITH THREADED STEEL INSERT.
2. 3/16" VERTICAL AND HORIZONTAL ADJUSTMENT.

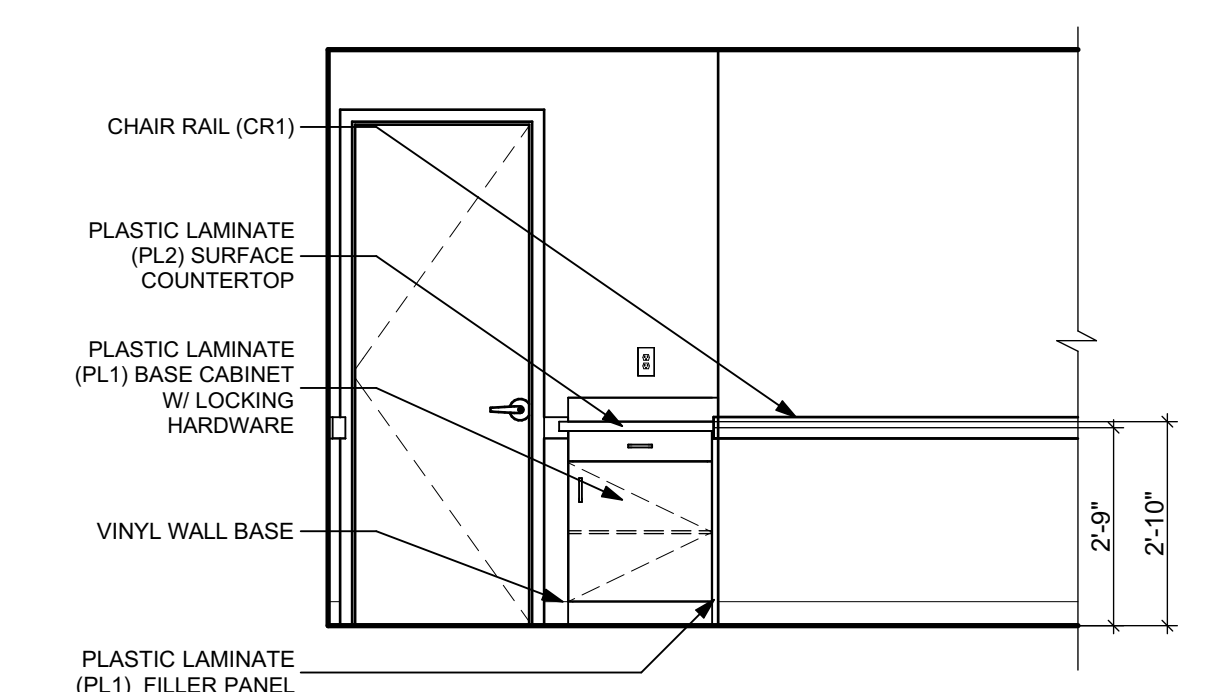
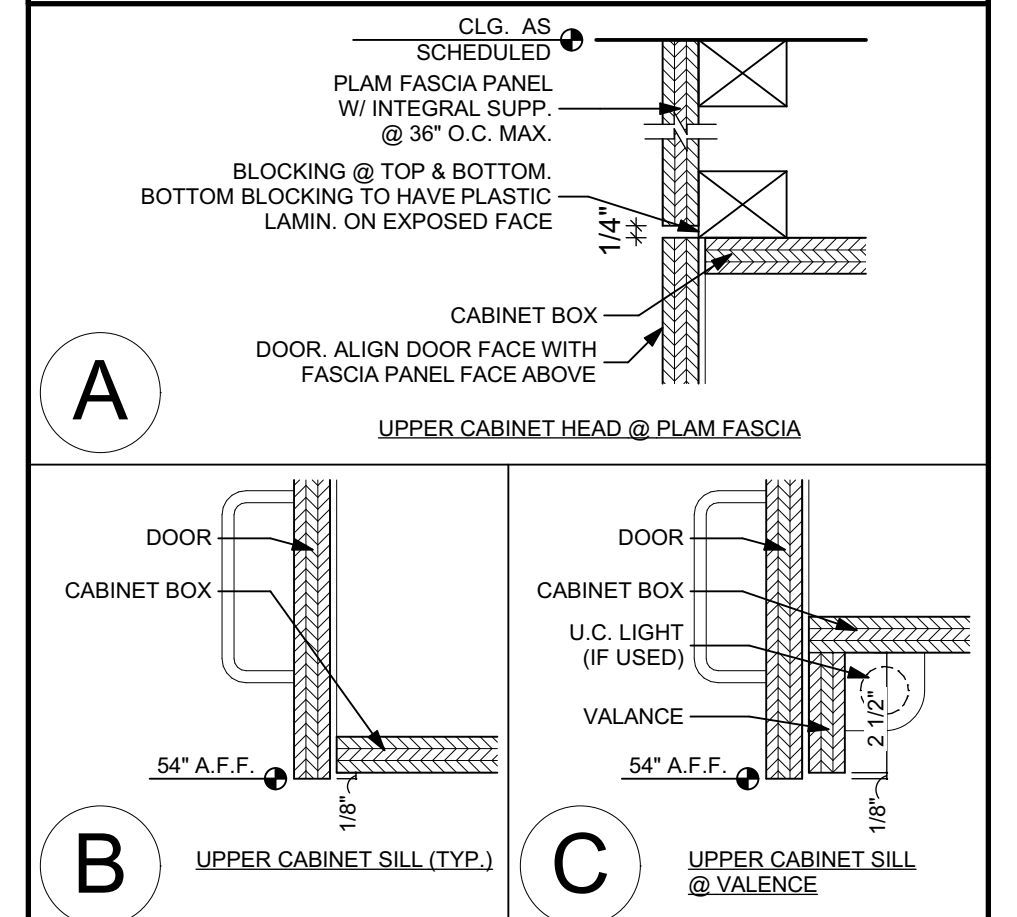
- PULLS
1. 3" CENTERED 8MM STEEL WITH NICKEL FINISH U.N.D. PER DRAWINGS.

- SHELVES
1. 3/4" LAMINATED PARTICLE BOARD.
2. 5 MM PVC EDGING ON ADJUSTABLE SHELVES.

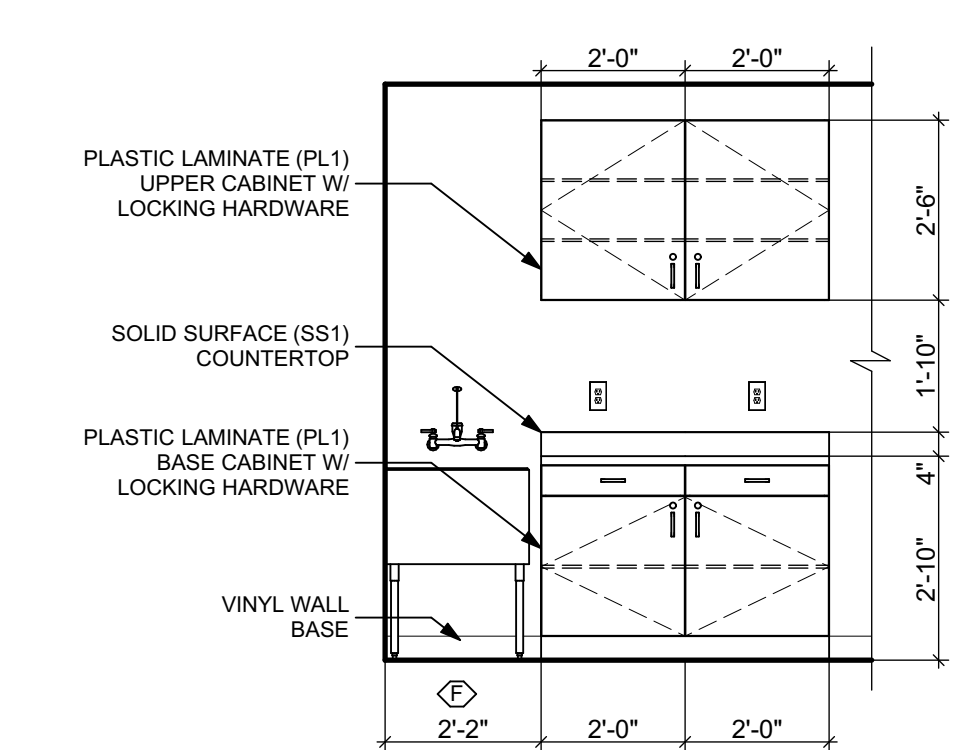
- SHELF SUPPORT
1. 8MM NICKEL PLATED STEEL.
2. FOUR POSITIVE LOCKING SUPPORTS PER SHELF.

- HINGES
1. 125 DEGREE OPENING, NICKEL PLATED STEEL, CONCEALED HINGE.
2. THREE DIMENSIONAL INDEPENDENT DEPTH, SIX WAY ADJUSTMENT AND QUICK RELEASE.
3. CONCEALED SELF CLOSING MECHANISM.

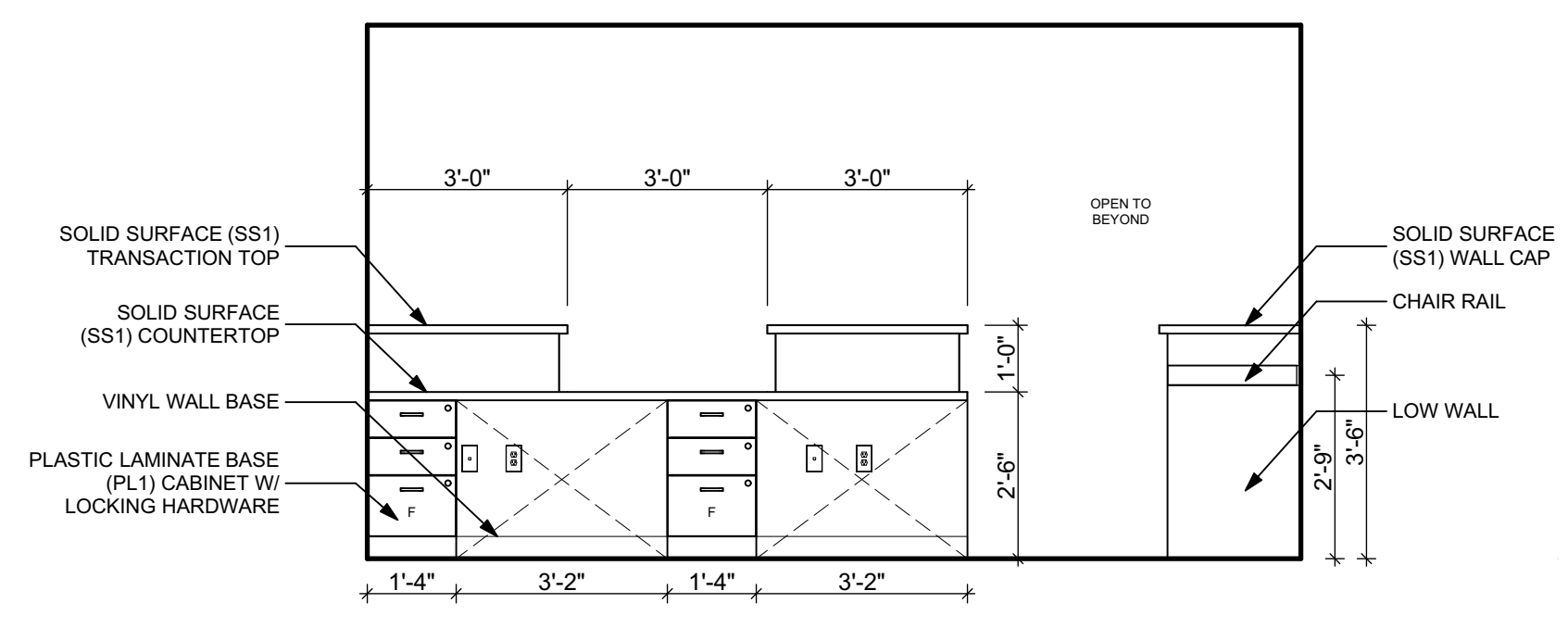
TYP. CABINETY DETAILS



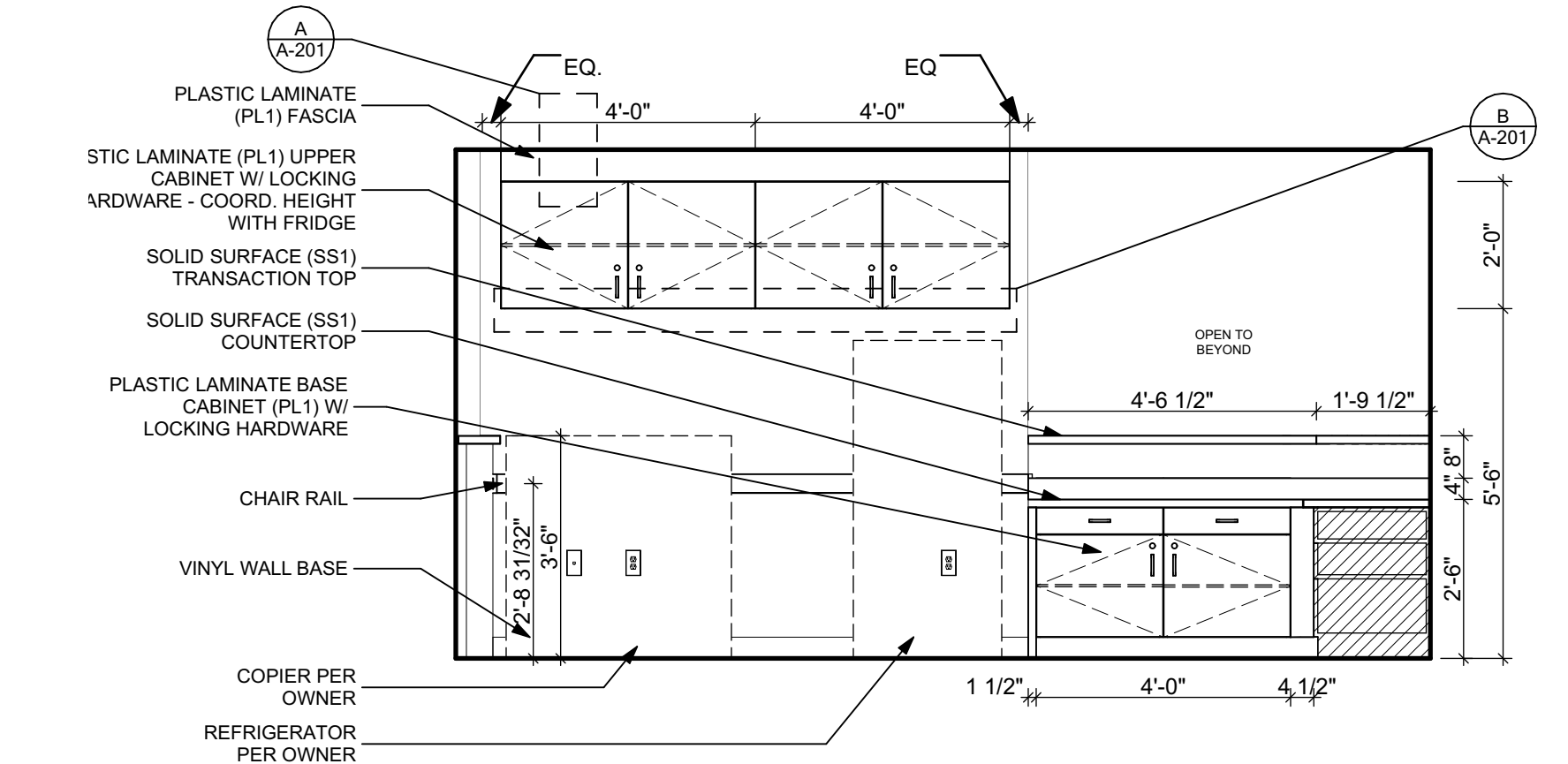
8 216 W.M. GROUP E SCALE: 3/8" = 1'-0"



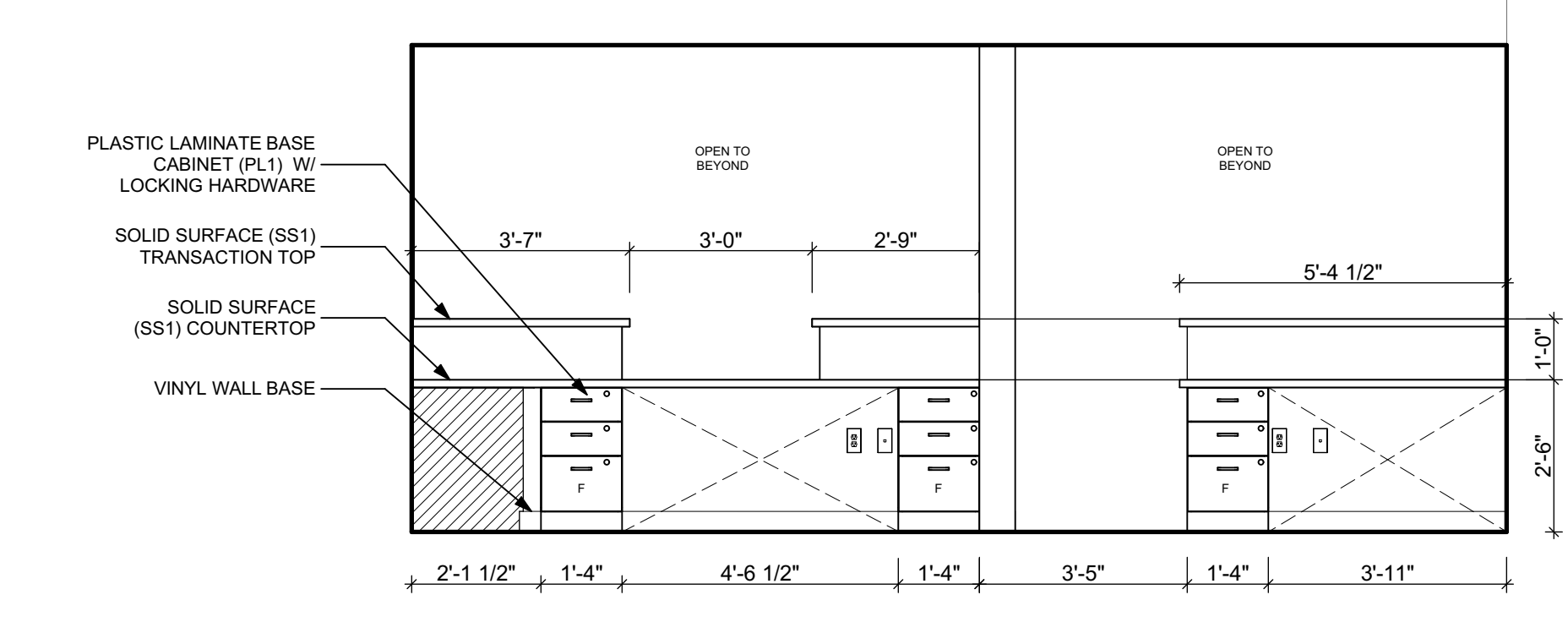
5 226 LAUNDRY S SCALE: 3/8" = 1'-0"



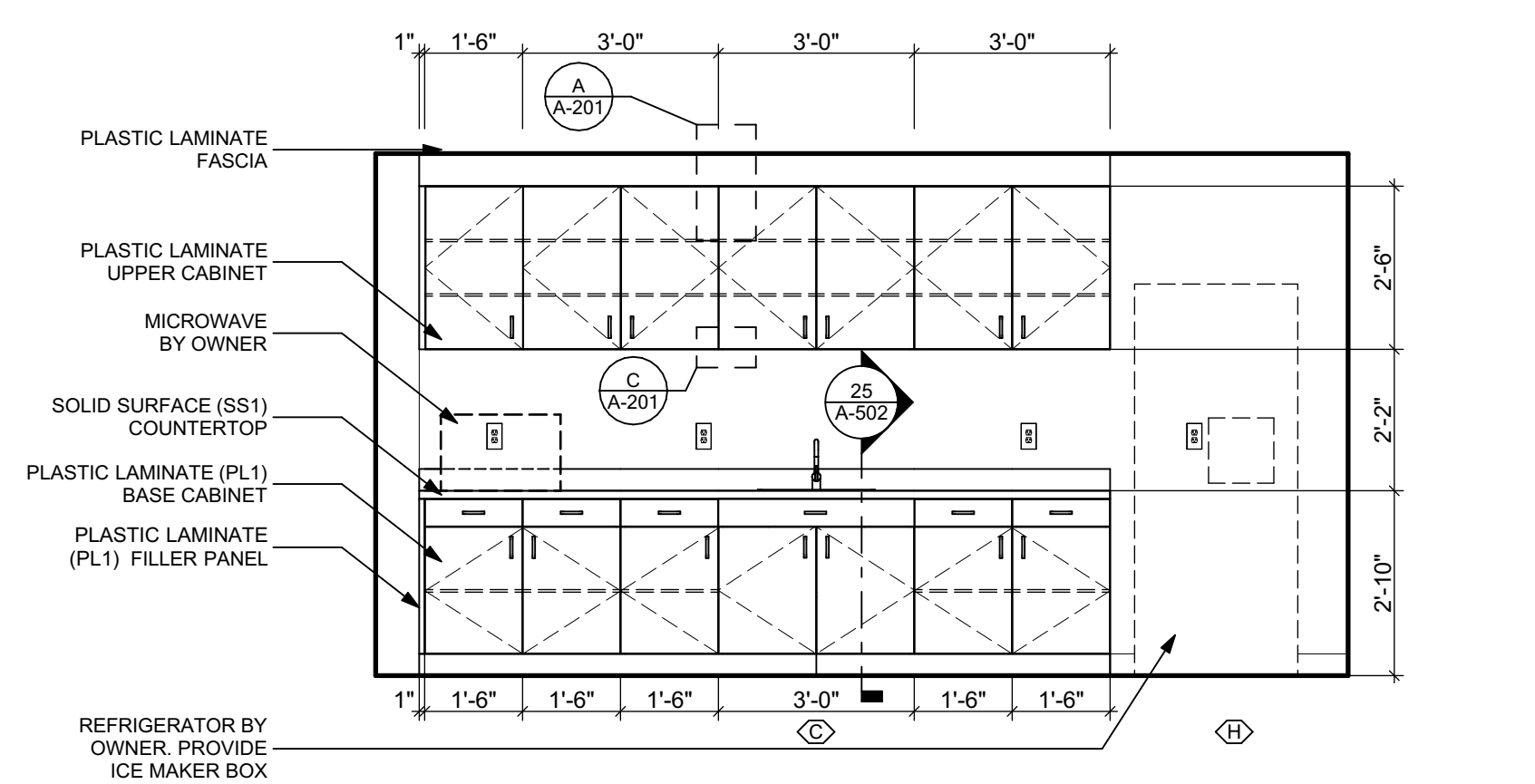
4 230 NURSE STN. S SCALE: 3/8" = 1'-0"



3 230 NURSE STN. W SCALE: 3/8" = 1'-0"



2 230 NURSE STN. N SCALE: 3/8" = 1'-0"



1 201 STAFF BREAK S SCALE: 3/8" = 1'-0"



CONSULTANTS



SEAL

RBHA MRTC 2ND FLOOR RENOVATION
1700 FRONT ST.
RICHMOND, VIRGINIA 23222

Table with columns: MARK, DATE, DESCRIPTION. Includes project info: PROJECT NO: 21056.00, MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR, START DATE: 11/02/2021, PROJECT MANAGER: JHS, PRINCIPAL IN CHARGE: CSS.

SHEET TITLE: INTERIOR ELEVATIONS
A-201

DOOR AND FRAME SCHEDULE table with columns for NUMBER, DOOR (SIZE, TYPE, MATL., FINISH), FRAME (TYPE, MATL., FINISH, DETAILS), FIRE RATING, HARDWARE, and NOTES.

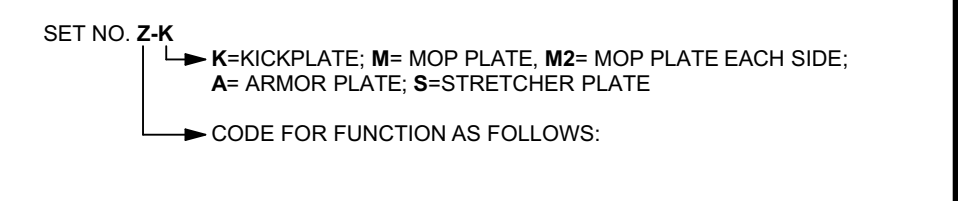
DOOR & FRAME GEN. NOTES

- 1. THE GENERAL CONTRACTOR AND THE DOOR SUPPLIER ARE RESPONSIBLE FOR READING THE GENERAL PLAN, DOOR SCHEDULE AND THE SPECIFICATIONS TO BECOME FAMILIAR WITH THE DESIGN INTENTIONS...

DOOR HARDWARE NOTES

- 1. PROVIDE 3 SILENCERS FOR SINGLE DOORS; 4 FOR DOOR PAIRS, EXCEPT PROVIDE RATED SEALS AT SMOKE AND FIRE-RATED DOORS

DOOR HARDWARE LEGEND



DOOR HARDWARE SCHEDULE

Table listing door hardware types (A, B, BF, C, D, E, EL, ESC, ESS, G, H, K, L, M, N, P, PD, PT, S, SL, T, XC, XE, XEL, XN, XP, XS, XX) and their descriptions.



CORNERSTONE ARCHITECTS

211 WEST 7TH ST. RICHMOND, VIRGINIA 23224

TELEPHONE: 804.353.3051

WEBSITE: WWW.CSARCH.COM

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Table for listing consultants with columns for name, title, and contact information.

SEAL



RBHA MRTC 2ND FLOOR RENOVATION 1700 FRONT ST. RICHMOND, VIRGINIA 23222

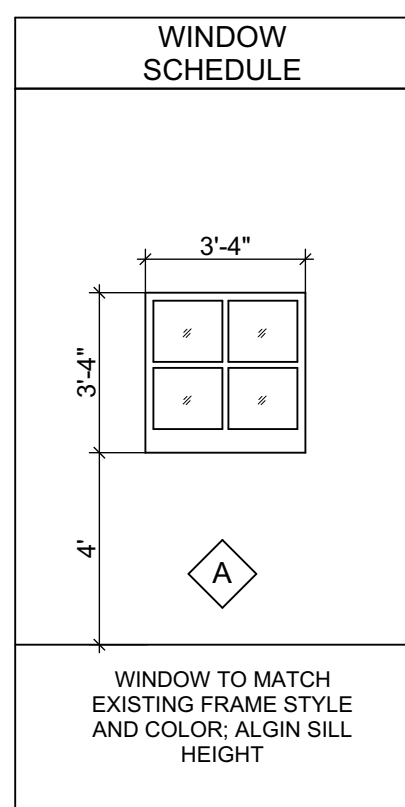
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SHEET TITLE DOOR, WINDOW SCHEDULE

A-601



WINDOW TO MATCH EXISTING FRAME STYLE AND COLOR; ALIGN SILL HEIGHT

JAMB TYPES, DOOR TYPES, and FRAME TYPES diagrams showing cross-sections of various door and window assemblies with labels like J4, J1, D3, D1, F10, F1.

ACCESSORIES LEGEND

ACCESSORIES LIST:	
ACC CODE	ITEM NAME, DESCRIPTION
A-01 CC	CONTINUOUS MIRROR
SPECIFICATION:	FRAMELESS MIRROR, FULL LENGTH OF WALL
SIZE:	REFER TO ELEVATIONS
FINISH:	PLATE GLASS MIRROR
NOTES:	REFER TO ELEVATIONS
MOUNTING HEIGHT:	MOUNT @ ADA COMPLIANT HEIGHT. REFER TO ELEV. & A-002 FOR GENERAL LOCATIONS. G.C. IS TO PROVIDE BLOCKING IN WALL.
A-02 CC	COUNTER MOUNTED SOAP DISPENSER
SPECIFICATION:	BOBRICK SUREFLO FOAM W/ AC ADAPTER
PRODUCT NUMBER:	B-822 CLASSIC
FINISH:	CHROME
NOTE:	PROVIDE ONE REFILL AT EACH SOAP DISPENSER. GC TO PROVIDE LEFT/RIGHT JUSTIFIED INSTALLATION, PER ELEVATION AND AC POWER SUPPLY.
MOUNTING HEIGHT:	MOUNT @ ADA COMPLIANT COUNTERTOP. FOLLOW MANUF.'S RECOMMENDATIONS FOR INSTALL AND LOCATION TO SINK
A-03 OC	TOILET TISSUE DISPENSER
SPECIFICATION:	BOBRICK
PRODUCT NUMBER:	B-386 PARTITION MOUNTED MULTIROLL
FINISH:	STAINLESS STEEL
SIZE:	MULTIROLL (WOMEN'S RESTROOM)
MOUNTING HEIGHT:	MOUNT @ ADA COMPLIANT HEIGHT. REFER TO PLAN & SHEET A-002 FOR GENERAL LOCATIONS.
A-04 CC	RECESSED PAPER TOWEL DISPENSER
SPECIFICATION:	BOBRICK
PRODUCT NUMBER:	B-2621
FINISH:	SATIN FINISH STAINLESS STEEL
MOUNTING HEIGHT:	MOUNT @ ADA COMPLIANT HEIGHT. REFER TO PLAN & A-002 FOR GENERAL LOCATIONS. G.C. IS TO PROVIDE BLOCKING IN WALL.

ACCESSORIES LIST:	
ACC CODE	ITEM NAME, DESCRIPTION
A-05 CC	GRAB BAR
SPECIFICATION:	BOBRICK
PRODUCT NUMBER:	B-5806
FINISH:	SATIN FINISH STAINLESS STEEL
SIZES:	18", 36", 48"
NOTES:	SEE SHEET A-002 FOR LOCATIONS/QTY. OF EACH SIZE.
MOUNTING HEIGHT:	SEE SHEET A-002
A-06 CC	COAT HOOK
SPECIFICATION:	BOBRICK SURFACE MOUNTED HOOK
PRODUCT NUMBER:	B-2116
FINISH:	SATIN STAINLESS STEEL
MOUNTING HEIGHT:	MOUNT @ ADA COMPLIANT HEIGHT. REFER TO PLAN. & SHEET A-002 FOR GENERAL LOCATIONS.
NOTES:	INSTALL ON CENTER ON WIDTH OF DOOR. FOLLOW MANUF.'S RECOMMENDATIONS FOR INSTALL.
A-07 CC	PRIVACY CURTAINS
MANUFACTURER:	MATCH EXISTING/OWNER STANDARDS
PRODUCT:	MATCH EXISTING/OWNER STANDARDS
COLOR:	MATCH EXISTING/OWNER STANDARDS
TRACK:	SILVER ANODIZED ALUMINUM CURTAIN TRACK WITH SATIN FINISH
NOTES:	PROVIDE AND INSTALL PRIVACY CURTAIN TRACK AND CURTAINS WHERE INDICATED. REFER TO PLAN AND RCP.
A-08 CC	SHOWER SEAT
MANUFACTURER:	BOBRICK REVERSIBLE SOLID PHENOLIC FOLDING SHOWER SEAT
PRODUCT:	B-5282
FINISH:	MATCH EXISTING
MOUNTING HEIGHT:	MOUNT @ ADA COMPLIANT HEIGHT. REFER TO PLAN & A-002 FOR LOCATION.
NOTES:	G.C. IS TO PROVIDE BLOCKING IN WALL.

ACCESSORIES SETS:	
SET #, QTY.	ITEM NAME, DESCRIPTION
AS-01 SINGLE USER TOILET	
1	A-01 CONTINUOUS MIRROR
1	A-02 SOAP DISPENSER
1	A-03 TOILET TISSUE DISPENSER
1	A-04 RECESSED PAPER TOWEL DISPENSER
REF. A-002	A-05 GRAB BAR
1	A-06 COAT HOOK
AS-02 CRC	
1	A-07 PRIVACY CURTAINS - OC
AS-03 SINGLE USER SHOWER	
REF. A-002	A-05 GRAB BAR
2	A-06 COAT HOOK
1	A-08 SHOWER SEAT
RESPONSIBILITY CODES (RESP.)	
CC	CONTRACTOR PROVIDED, CONTRACTOR INSTALLED
OC	OWNER PROVIDED, CONTRACTOR INSTALLED
OVC	OWNER PROVIDED, VENDOR INSTALLED, CONTRACTOR COORDINATED
OO	OWNER PROVIDED, OWNER INSTALLED



CONSULTANTS

SEAL



RBHA MRTC 2ND FLOOR RENOVATION

1700 FRONT ST.
RICHMOND, VIRGINIA 23222

ROOM NO	ROOM NAME	FINISH SCHEDULE										ACCESSORIES	NOTES
		FLOOR		DOOR TRIM	WALLS				CEILING				
		MATL	BASE		N	E	S	W	MATL	HEIGHT			
200	CRC (VARIOUS)	LVT1	WB1	-	PT-2	PT-2	PT-2	PT-2	AT1			AS-02	
	CORRIDOR	LVT1	WB1	D1	PT-1	PT-1	PT-1	PT-1	AT1				
201	STAFF BREAK	LVT1	WB1	D1	PT-3	PT-3	PT-3/4	PT-3	AT1				SEE FINISH PLAN FOR PT-4 ACCENT WALL LOCATION
201A	STAFF TLT	CT1	TB1	D1	PT-3	PT-3	PT-3	PT-4	GWB1			AS-03	
202	CORRIDOR	LVT1	WB1	D1	PT-1	PT-1	PT-1	PT-1	AT1				
203	ADMIN COORD	CPT1	WB1	D1	PT-3	PT-3	PT-3	PT-3	AT1				
203A	PROGRAM MGR OFC	CPT1	WB1	D1	PT-3	PT-3	PT-3	PT-3	AT1				
204	SUPERVISOR OFC	CPT1	WB1	D1	PT-3	PT-3	PT-3	PT-3	AT1				
205	STAFF TLT	C	TB1	DF1	PT-3	PT-3	PT-3	PT-4	ETR			AS-01	
206	VISITOR TLT	CT1	TB1	D1	PT-3	PT-3	PT-4	PT-3	GWB1			AS-01	
207	SHARED OFFICE	CPT1	WB1	D1	PT-3	PT-3	PT-4	PT-4	AT1				SEE FINISH PLAN FOR ACCENT WALLS
208	CHILD ASSESS. OFC	CPT1	WB1	DF1	PT-3	PT-3	PT-3	PT-3	AT1				
209	WM WAIT	LVT1	WB1	D1	PT-1	PT-1	PT-1	PT-1	AT1				
209A	JAN	ETR	ETR	DF1	PT-1	PT-1	PT-1	PT-1	ETR				
209B	I.T.	ETR	ETR	DF1	PT-1	PT-1	PT-1	PT-1	ETR				
210	CRC WAIT	LVT1	WB1	D1	PT-1	PT-1	PT-1	PT-1	AT1				
210A	CRC EXAM	LVT1	WB1	D1	PT-1	PT-1	PT-1	PT-1	AT1				
211	CORRIDOR	LVT1	WB1	D1	PT-1	PT-5	PT-1	PT-6	AT1				
212	W.M. BED	LVT1	WB1	D3	PT-2	PT-2	PT-2	PT-4	AT1				
213	W.M. EXAM	LVT1	WB1	D3	PT-1	PT-1	PT-1	PT-1	AT1				
213A	OFFICE	CPT1	WB1	D1	PT-3	PT-3	PT-3	PT-3	AT1				
213B	CLO.	LVT1	WB1	D1	PT-1	PT-1	PT-1	PT-1	GWB1				
214	W.M. BED	LVT1	WB1	D3	PT-2	PT-4	PT-2	PT-2	AT1				
215	W.M. BED	LVT1	WB1	D3	PT-2	PT-2	PT-2	PT-4	AT1				
216	W.M. GROUP	LVT1	WB1	-	PT-2	PT-2	PT-2	PT-2	AT1				
216A	PHONE	CPT1	WB1	D1	PT-1	PT-1	PT-1	PT-1	AT1				
217	W.M. BED	LVT1	WB1	D2	PT-2	PT-4	PT-2	PT-2	AT1				
218	W.M. BED	LVT1	WB1	D2	PT-2	PT-2	PT-2	PT-4	AT1				
219	W.M. BED	LVT1	WB1	D2	PT-2	PT-4	PT-2	PT-2	AT1				
220	W.M. BED	LVT1	WB1	D2	PT-2	PT-4	PT-2	PT-2	AT1				
221	ACCESSIBLE, PT. OF SIZE W.M. BED	LVT1	WB1	D2	PT-2	PT-2	PT-2	PT-4	AT1				
222	MENS TLT.	ETR	ETR	D1	-	-	-	-	ETR				
223	CORRIDOR	LVT1	WB1	DF1	PT-1	PT-1	PT-1	PT-1	AT1				
224	WOMENS TLT.	ETR	ETR	D1	-	-	-	-	ETR				
225	CONFERENCE	CPT1	WB1	D1	PT-2	PT-4	PT-4	PT-2	AT1				
225A	STO.	LVT1	WB1	D1	PT-1	PT-1	PT-1	PT-1	AT1				
226	LAUNDRY	LVT1	WB1	D1	PT-1	PT-1	PT-1	PT-1	AT1				
227	CRC GROUP	LVT1	WB1	D1	PT-2	PT-2	PT-2	PT-2	AT1				
228	CORRIDOR	LVT1	WB1	D1	PT-1	PT-1	PT-1	PT-1	AT1				
229	CRC 1- ISO.	LVT1	WB1	D1	PT-2	PT-2	PT-2	PT-2	AT1				
230	NURSE STN.	LVT1	WB1	D1	PT-1	PT-1	PT-1	PT-1	AT1				
231	MED ROOM	LVT1	WB1	D1	PT-1	PT-1	PT-1	PT-1	AT1				

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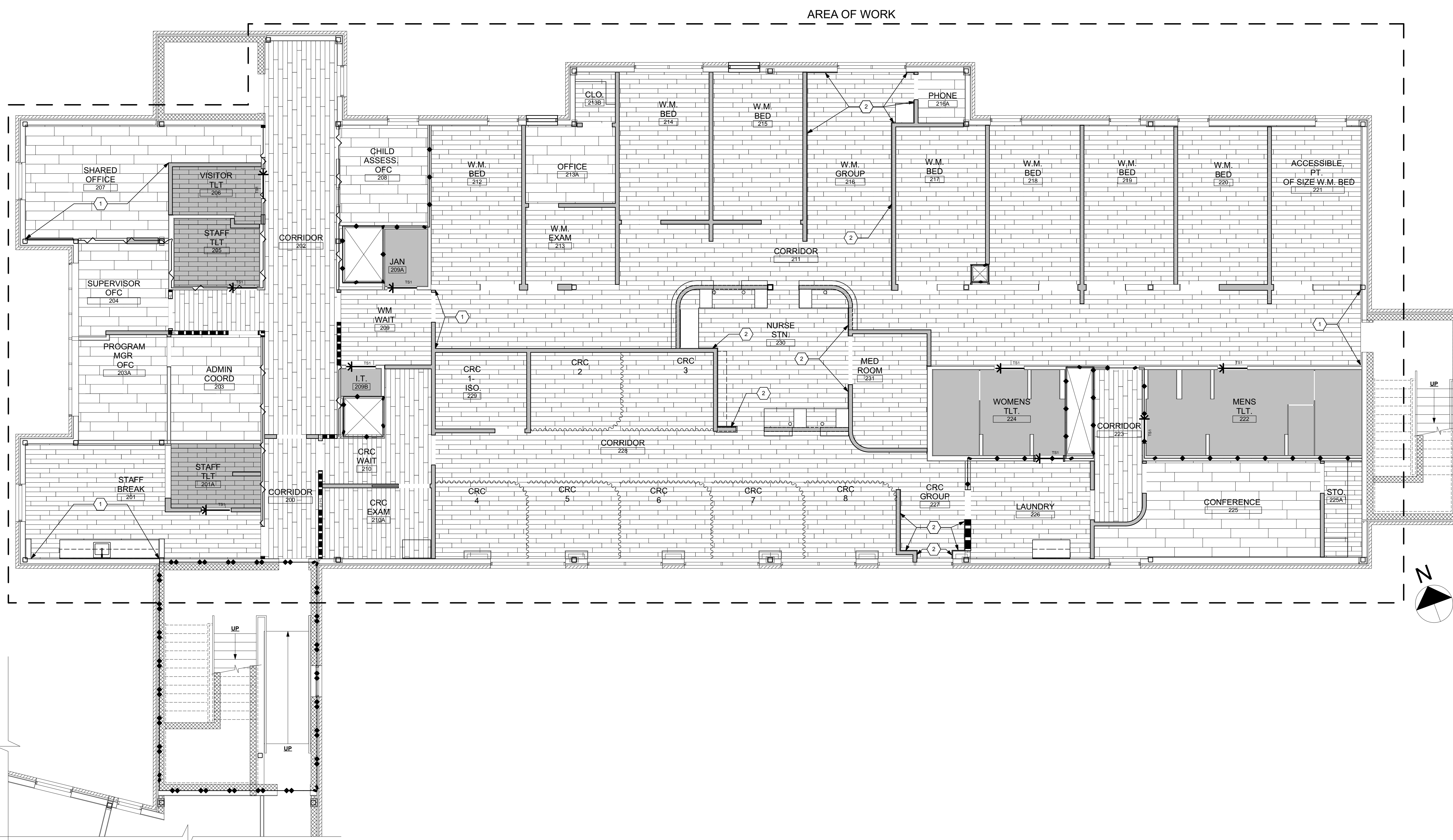
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SHEET TITLE

ROOM FINISHES SCHEDULE

A-602

BIMcloud: Servant - BIMcloud Basic for ARCHICAD 23/21056.00 RBHA MTC 2ND FLOOR RENOVATION - Wednesday, March 2, 2022 - 1:23 PM - JScogin



FINISH PLAN GENERAL NOTES

1. PLAN NORTH IS TO DETERMINE THE LOCATION OF FINISHES ON THE INDICATED WALLS.
2. A PRE-FLOORING INSTALLATION MEETING MUST BE HELD PRIOR TO LAYING ANY FLOORING. ALL FLOORING COMPONENTS RELATED TO INSTALLATION SHALL BE PRESENT FOR INSPECTION BY ARCHITECT/DESIGNER.
3. ALL INTERIOR PARTITIONS SHALL BE PREPARED TO A LEVEL 4 FINISH PRIOR TO RECEIVING ANY WALLCOVERING.
4. ALL TRANSITIONS OF FLOORING MATERIAL SHALL OCCUR UNDER THRESHOLD OF DOOR, U.I.D.
5. ADEQUATE LIGHTING TO BE INSTALLED AND REMAIN LIT BEFORE, DURING AND AFTER THE INSTALLATION OF ANY VINYL WALLCOVERING.
6. ALL SUBSTITUTES MUST BE APPROVED BY ARCHITECT/DESIGNER AND BE OF EQUAL QUALITY.
7. LIGHT SWITCH AND RECEPTACLES TO BE GRAY AND ALL COVERPLATES TO BE BRUSHED STAINLESS STEEL. HEIGHTS SHALL BE INDICATED FROM FLOOR TO CENTER LINE OF DEVICE PER MEP DRAWINGS U.N.C.
8. REMOVE ANY EXISTING FINISHES AND PREPARE FOR NEW AS NOTED.
9. TRIM RING COLOR ON RECESSED CAN LIGHT FIXTURES TO MATCH ADJACENT CEILING.
10. ALWAYS FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR APPLICATION OR INSTALLATION OF MATERIAL OR FINISH.
11. ALL HOLES OR MISSING PIECES OCCURRING IN FLOOR MUST BE FILLED AND/OR REPAIRED PRIOR TO INSTALLING NEW FLOORING MATERIALS.
12. ALL PLASTIC LAMINATE COUNTERTOPS TO HAVE PVC VINYL EDGE - COLOR TO MATCH COUNTERTOP. CONTRACTOR TO SUBMIT SAMPLES FOR APPROVAL.

FINISH PLAN KEY NOTES

1. ACCENT WALL PAINT START/FINISH
2. CHAIR RAIL. REFER TO INTERIOR ELEVATIONS FOR TYPICAL HEIGHT.

FINISH PATTERN KEY

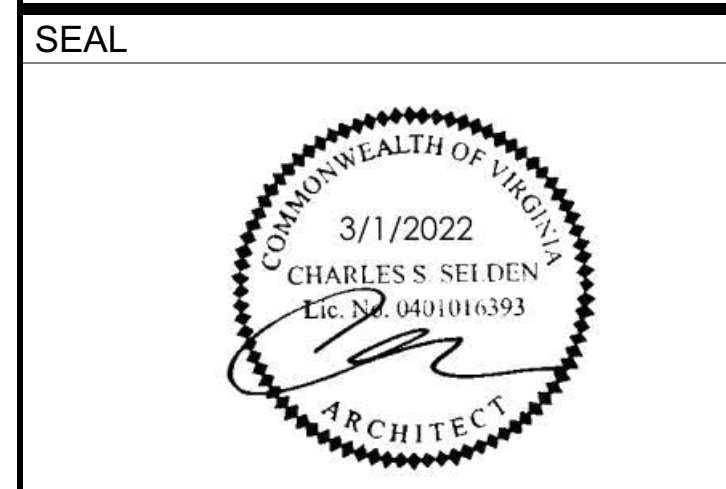
- LUXURY VINYL TILE (LVT1) PER FINISH LEGEND
- CARPET TILE (CPT1) PER FINISH LEGEND
- CERAMIC FLOOR TILE (CT1) PER FINISH LEGEND
- EXISTING FLOORING TO REMAIN

FINISH PLAN SYMBOL LEGEND

- TRANSITION STRIP (TS1) PER FINISH LEGEND



CONSULTANTS



SEAL

RBHA MRTC 2ND FLOOR RENOVATION
 1700 FRONT ST.
 RICHMOND, VIRGINIA 23222

MARK	DATE	DESCRIPTION

PROJECT NO: 21056.00
 MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR
 START DATE: 11/02/2021
 PROJECT MANAGER: JHS
 PRINCIPAL IN CHARGE: CSS

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SHEET TITLE

FINISH PLAN

A-701

1
A-701
FINISH PLAN - 2ND FLOOR
 SCALE: 3/16" = 1'-0"