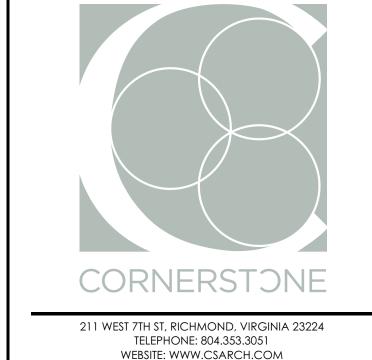
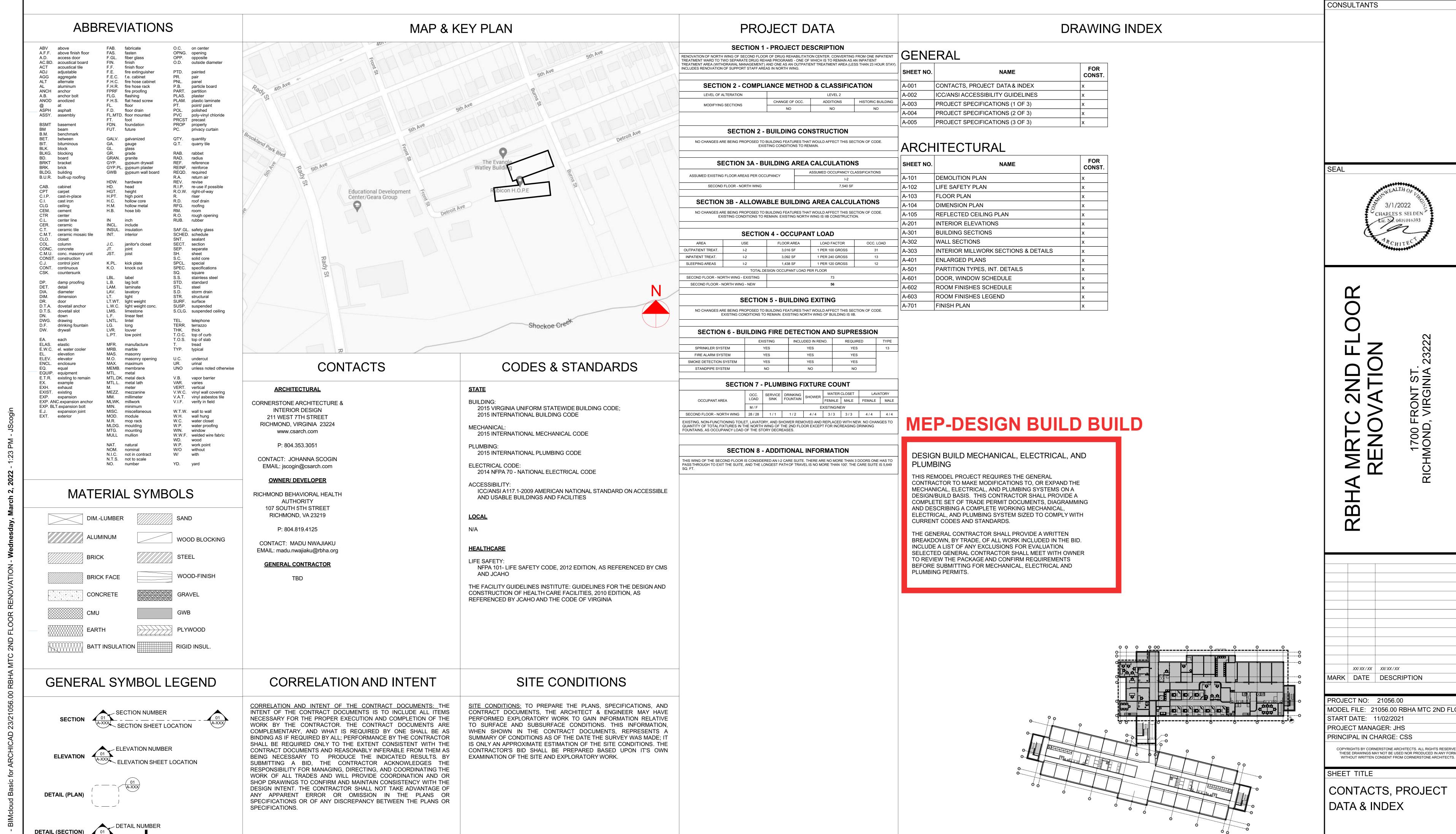
# RBHA MRTC 2ND FLOOR RENOVATION 1700 FRONT ST. RICHMOND, VIRGINIA 23222



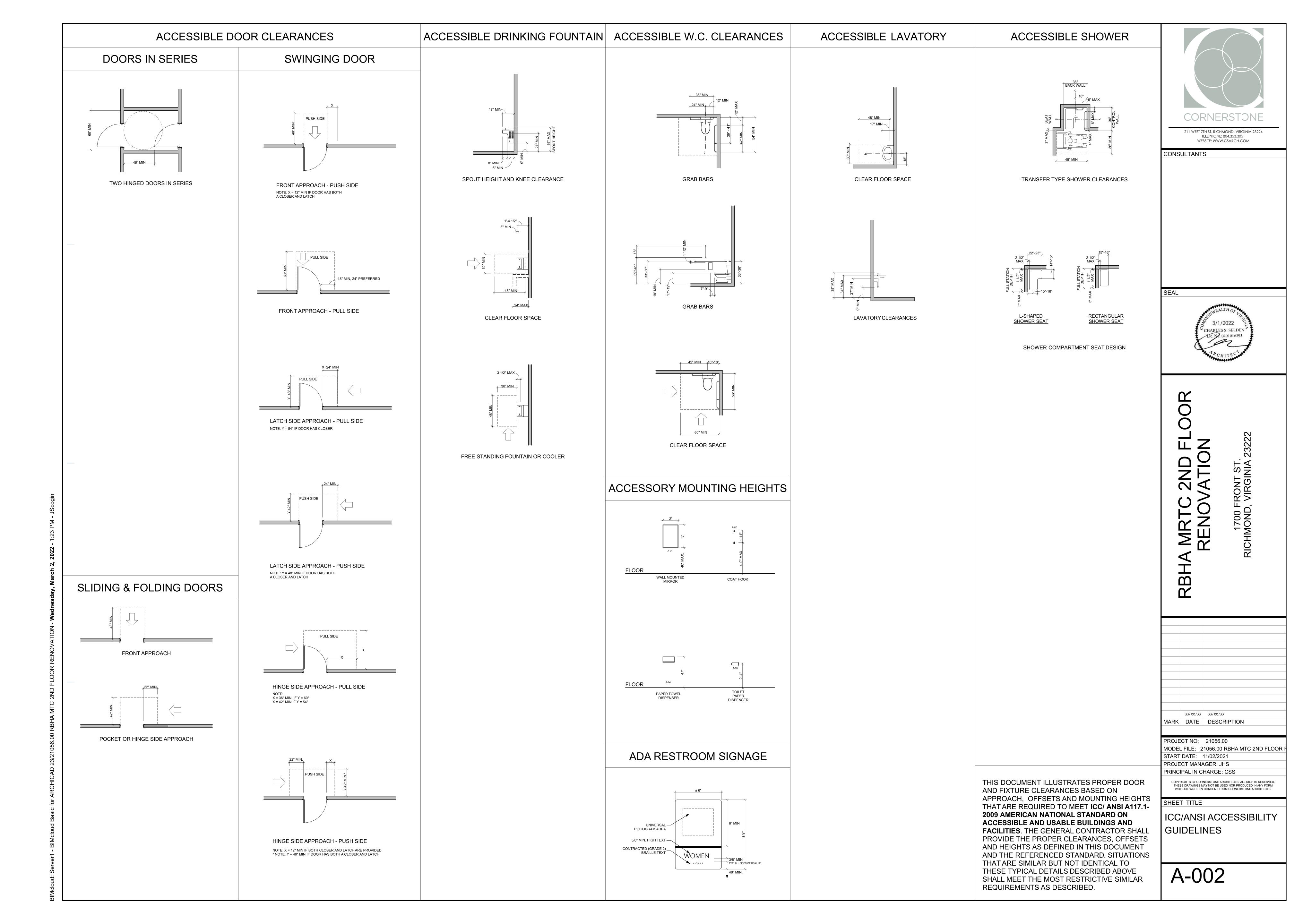


MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR

A-001

KEY PLAN - 2ND FLOOR

A-001 SCALE: 1/32" = 1'-0"



CONDITIONS OF THE CONTRACT FOR CONSTRUCTION." B. PERFORM WORK IN ACCORDANCE WITH APPLICABLE LOCAL CODES, ORDINANCES, AND REGULATIONS.

C. ALL REFERENCE STANDARDS AND PUBLICATIONS NOTED HEREIN SHALL BE PRESUMED TO BE THE CURRENT EDITION UNLESS NOTED OTHERWISE. D. HEALTHCARE FACILITIES REQUIREMENTS: 1. ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO THE OWNER'S

REQUIREMENTS FOR INFECTION CONTROL AND RISK ASSESSMENT POLICIES (ICRA). CONSTRUCTION AND SAFETY POLICIES 2. COPIES OF THE ABOVE ARE AVAILABLE FROM THE OWNER

#### SECTION 01 00 00 - GENERAL REQUIREMENTS

SCOPE OF THE WORK.

1.1 GENERAL INTENTION: 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

1.2 STATEMENT OF BID ITEM(S): A. BASE BID: BASE BID SHALL INCLUDE ALL WORK INDICATED IN THE CONTRACT DOCUMENTS UNLESS SPECIFIED AS N.I.C. (NOT IN CONTRACT), OR AS SHOWN 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 CONTROLS A. PRIOR TO SUBMITTING PROPOSAL FOR THE WORK, CONFIRM AVAILABILITY OF OWNER PROVIDED UTILITY SERVICES DESCRIBED IN SECTION 01 50 00 AND COMPLY WITH APPLICABLE REQUIREMENTS DESCRIBED THEREIN, INCLUDING

PROVIDING OF TEMPORARY FACILITIES AS NECESSARY TO COMPLETE THE WORK 1.4 FIRE SAFETY PRECAUTIONS:

HOUR RATED DUST 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

A. SEPARATE NEW CONSTRUCTION FROM EXISTING OCCUPIED AREAS WITH ONE

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.

D. AT THE END OF EACH WORK DAY, COMBUSTIBLE PACKAGING AND CRATING MATERIALS FOR BUILDING PRODUCTS AND EQUIPMENT TO BE INSTALLED SHALL E. THE NECESSARY NUMBER AND APPROPRIATE TYPE OF PORTABLE FIRE

EXTINGUISHERS PER NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARD NOS. 10 AND 241 SHALL BE PROVIDED FOR ALL CONSTRUCTION AREAS. F. INSTALLATION OF SPRINKLER SYSTEMS, STANDPIPE SYSTEMS, FIRE HYDRANTS, AND FIRE ALARM SYSTEMS, SHALL BE GIVEN PRIORITY AND PLACED INTO SERVICE

AS SOON AS PRACTICAL. G. 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

H. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PREVENT ACCIDENTAL OPERATION OF ANY EXISTING SMOKE DETECTORS BY MINIMIZING THE AMOUNT OF DUST GENERATED IN THE VICINITY OF ANY SMOKE DETECTORS.

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 PHASED SO AS TO MINIMIZE INTERFERENCE OF ADJOINING OPERATIONS, WHICH ARE TO REMAIN IN SERVICE DURING CONSTRUCTION.

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 IN AREAS OCCUPIED SO THAT ALL

OPERATIONS WILL CONTINUE DURING THE CONSTRUCTION PERIOD.

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

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

1. 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.

A. EXISTING FACILITIES SHALL REMAIN IN FULL OPERATION DURING CONSTRUCTION

WORK. MAINTAIN ACCESS TO BUILDING AT ALL TIMES. PREVENT INTERRUPTION IN UTILITIES 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

D. MAINTAIN EXISTING FIRE PROTECTION PROVISIONS E. PROVIDE TEMPORARY BARRICADES, BARRIERS, AND DIRECTIONAL SIGNAGE TO EXCLUDE THE PUBLIC FROM ALTERATION WORK.

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

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

I. CONTAIN DUST AND DEBRIS GENERATED BY ALTERATION WORK AND PREVENT IT

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, WATERTIGHT UNTIL NEW

1.7 PROECTION 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., 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 EXERCISE REASONABLE CARE 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.

THE PROJECT SUPERINTENDENT MAY BE ISSUED A MAXIMUM OF ONE (1) KEY FOR ACCESS TO THE ANY MECHANICAL/ ELECTRICAL SERVICE BAY(S), ROOMS, AND ANY INTERSTITIAL SPACES. THE CONTRACTOR IS RESPONSIBLE FOR THE SECURITY OF THE KEY DURING THE CONTRACT PERIOD AND MUST RETURN THE KEY 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 TIER.

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. 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

 THE CONTRACTOR'S FAILURE TO CONFORM TO CONTRACT REQUIREMENTS; OR 2. ANY DEFECT OF EQUIPMENT, MATERIAL, WORKMANSHIP, OR DESIGN

SECTION 01 14 00 – 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 ONLY BY OWNER'S RIGHT TO PERFORM WORK OR EMPLOY OTHER CONTRACTORS ON PORTIONS OF PROJECT AND AS FOLLOWS: 1. IF OWNER MAY OCCUPIES 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 PERIOD.

C. PARTIAL OWNER OCCUPANCY: OWNER RESERVES RIGHT TO OCCUPY AND TO

PLACE AND INSTALL EQUIPMENT IN COMPLETED AREAS OF BUILDING PRIOR TO

SUBSTANTIAL COMPLETION. PLACING EQUIPMENT AND PARTIAL OCCUPANCY DO NOT CONSTITUTE ACCEPTANCE OF WORK. 1. OBTAIN A CERTIFICATE OF SUBSTANTIAL COMPLETION FOR EACH PORTION OF WORK PRIOR TO OWNER OCCUPANCY. 2. OBTAIN A CERTIFICATE OF OCCUPANCY FROM BUILDING OFFICIALS PRIOR TO OWNER OCCUPANCY. 3. MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE OPERATIONAL AND REQUIRED INSPECTIONS AND TESTS COMPLETED PRIOR TO PARTIAL OWNER OCCUPANCY. UPON OCCUPANCY, OWNER WILL OPERATE AND MAINTAIN SYSTEMS SERVING OCCUPIED PORTIONS OF BUILDING.

4. OWNER WILL BE RESPONSIBLE FOR MAINTENANCE AND CUSTODIAL

SECTION 01 29 00 - PRICE AND PAYMENT PROCEDURES

CONTRACT.

1.1 CONTRACT MODIFICATION PROCEDURES A. OWNER-INITIATED PROPOSAL REQUESTS: ARCHITECT WILL ISSUE A DETAILED DESCRIPTION OF PROPOSED CHANGES IN THE WORK. 1. WITHIN 7 DAYS AFTER RECEIPT OF PROPOSAL REQUEST, SUBMIT A QUOTATION ESTIMATING THE COST ADJUSTMENTS TO THE CONTRACT SUM AND THE CONTRACT TIME.

SERVICE FOR OCCUPIED PORTIONS OF BUILDING.

B. CONTRACTOR-INITIATED PROPOSALS: IF LATENT OR CHANGED CONDITIONS REQUIRE MODIFICATIONS TO THE CONTRACT, CONTRACTOR MAY INITIATE A CLAIM BY SUBMITTING A REQUEST FOR A CHANGE TO ARCHITECT. C. ON OWNER'S APPROVAL OF A PROPOSAL REQUEST, ARCHITECT WILL ISSUE A

CHANGE ORDER FOR SIGNATURES OF OWNER AND CONTRACTOR ON AIA DOCUMENT G701, FOR ALL CHANGES TO THE CONTRACT SUM OR THE CONTRACT TIME. D. ARCHITECT MAY ISSUE A CONSTRUCTION CHANGE DIRECTIVE ON AIA DOCUMENT G714. CONSTRUCTION CHANGE DIRECTIVE INSTRUCTS

CONTRACTOR TO PROCEED WITH A CHANGE IN THE WORK, FOR SUBSEQUENT INCLUSION IN A CHANGE ORDER. 1. CONSTRUCTION CHANGE DIRECTIVE CONTAINS A COMPLETE DESCRIPTION OF CHANGE IN THE WORK. IT ALSO DESIGNATES METHOD TO BE FOLLOWED TO DETERMINE CHANGE IN THE CONTRACT SUM OR THE CONTRACT TIME. E. DOCUMENTATION: MAINTAIN DETAILED RECORDS ON A TIME AND MATERIAL BASIS OF WORK REQUIRED BY THE CONSTRUCTION CHANGE DIRECTIVE. AFTER COMPLETION OF CHANGE. SUBMIT AN ITEMIZED ACCOUNT AND SUPPORTING DAT NECESSARY TO SUBSTANTIATE COST AND TIME ADJUSTMENTS TO THE

1.2 PAYMENT PROCEDURES A. SUBMIT A SCHEDULE OF VALUES AT LEAST SEVEN DAYS BEFORE THE INITIAL APPLICATION FOR PAYMENT. BREAK DOWN THE CONTRACT SUM INTO AT LEAST ONE LINE ITEM FOR EACH SPECIFICATION SECTION IN THE PROJECT MANUAL TABLE OF CONTENTS. COORDINATE THE SCHEDULE OF VALUES WITH CONTRACTOR'S CONSTRUCTION SCHEDULE. ARRANGE SCHEDULE OF VALUES CONSISTENT WITH FORMAT OF

AIA DOCUMENT G703. 2. ROUND AMOUNTS TO NEAREST WHOLE DOLLAR; TOTAL SHALL EQUAL THE CONTRACT SUM. 3. PROVIDE SEPARATE LINE ITEMS IN THE SCHEDULE OF VALUES FOR INITIAL COST OF MATERIALS AND FOR TOTAL INSTALLED VALUE OF THAT PART OF THE WORK.

B. APPLICATION FOR PAYMENT FORMS: USE AIA DOCUMENT G702 AND AIA DOCUMENT G703 AS FORM FOR APPLICATIONS FOR PAYMENT. C. SUBMIT EACH APPLICATION FOR PAYMENT ACCORDING TO THE SCHEDULE ESTABLISHED IN OWNER/CONTRACTOR AGREEMENT.

1. WITH EACH APPLICATION FOR PAYMENT, SUBMIT WAIVERS OF MECHANIC'S LIENS FROM SUBCONTRACTORS, SUB-SUBCONTRACTORS, AND SUPPLIERS FOR CONSTRUCTION PERIOD COVERED BY THE PREVIOUS 2. SUBMIT FINAL APPLICATION FOR PAYMENT WITH OR PRECEDED BY CONDITIONAL FINAL WAIVERS FROM EVERY ENTITY INVOLVED WITH PERFORMANCE OF THE WORK COVERED BY THE APPLICATION WHO IS

LAWFULLY ENTITLED TO A LIEN. D. INCLUDE INSURANCE CERTIFICATES, PROOF THAT TAXES, FEES, AND SIMILAR OBLIGATIONS WERE PAID, AND EVIDENCE THAT CLAIMS HAVE BEEN SETTLED. E. INCLUDE CONSENT OF SURETY TO FINAL PAYMENT ON AIA DOCUMENT G707. F. SUBMIT FINAL METER READINGS FOR UTILITIES, A RECORD OF STORED FUEL, AND SIMILAR DATA AS OF THE DATE OF SUBSTANTIAL COMPLETION OR WHEN OWNER TOOK POSSESSION OF AND ASSUMED RESPONSIBILITY FOR CORRESPONDING

SECTION 01 30 00 - ADMINISTRATIVE REQUIREMENTS

1.1 ALTERATIONS PROJECT PROCEDURES A. BEFORE ANY WORK IS STARTED, THE CONTRACTOR SHALL MAKE A THOROUGH SURVEY OF AREAS OF BUILDINGS IN WHICH ALTERATIONS OCCUR AND AREAS WHICH ARE ANTICIPATED ROUTES OF ACCESS. THE CONTRACTOR SHALL: NOTE ANY DISCREPANCIES BETWEEN DRAWINGS AND EXISTING CONDITIONS AT SITE 2. DESIGNATE AREAS FOR WORK SPACE, MATERIALS STORAGE AND

ROUTES OF ACCESS TO AREAS WITHIN BUILDINGS WHERE ALTERATIONS

OCCUR, AND WHICH HAVE BEEN AGREED UPON BY CONTRACTOR AND

B. MEET WITH OWNER AND ARCHITECT AND SUBMIT A PLAN FOR ALTERATION WORK FOR WHOLE PROJECT, INCLUDING FIRE PREVENTION PROCEDURES. DOCUMENT THE PLAN IN WRITING

1.2 PROJECT MANAGEMENT AND COORDINATION A. COORDINATE CONSTRUCTION OPERATIONS INCLUDED IN DIFFERENT SECTIONS OF THE SPECIFICATIONS TO ENSURE EFFICIENT AND ORDERLY INSTALLATION OF **EACH PART OF THE WORK** 

B. REQUESTS FOR INFORMATION (RFIS): ON DISCOVERY OF THE NEED FOR ADDITIONAL INFORMATION OR INTERPRETATION OF THE CONTRACT DOCUMENTS, CONTRACTOR SHALL PREPARE AND SUBMIT AN RFI. USE CSI FORM 13.2A. C. SCHEDULE AND CONDUCT PROGRESS MEETINGS AT PROJECT SITE AT REGULAR INTERVALS. NOTIFY OWNER AND ARCHITECT OF MEETING DATES AND TIMES. REQUIRE ATTENDANCE OF EACH SUBCONTRACTOR OR OTHER ENTITY CONCERNED WITH CURRENT PROGRESS OR INVOLVED IN PLANNING,

1. RECORD MINUTES AND DISTRIBUTE TO EVERYONE CONCERNED, INCLUDING

OWNER AND ARCHITECT. 1.3 CONTRACTOR'S CONSTRUCTION SCHEDULE A. GANTT-CHART SCHEDULE: SUBMIT A COMPREHENSIVE, FULLY DEVELOPED,

COORDINATION, OR PERFORMANCE OF FUTURE ACTIVITIES.

HORIZONTAL GANTT-CHART-TYPE SCHEDULE WITHIN 30 DAYS OF DATE ESTABLISHED FOR COMMENCEMENT OF THE WORK B. PREPARATION: INDICATE EACH SIGNIFICANT CONSTRUCTION ACTIVITY SEPARATELY. IDENTIFY FIRST WORKDAY OF EACH WEEK WITH A CONTINUOUS VERTICAL LINE.

C. UPDATING: AT MONTHLY INTERVALS, UPDATE SCHEDULE TO REFLECT ACTUAL CONSTRUCTION PROGRESS AND ACTIVITIES. ISSUE SCHEDULE ONE WEEK BEFORE EACH REGULARLY SCHEDULED PROGRESS MEETING. 1. AS THE WORK PROGRESSES, INDICATE ACTUAL COMPLETION PERCENTAGE FOR EACH ACTIVITY

D. DISTRIBUTE COPIES OF APPROVED SCHEDULE TO OWNER, ARCHITECT, SUBCONTRACTORS. TESTING AND INSPECTING AGENCIES. AND PARTIES IDENTIFIED BY CONTRACTOR WITH A NEED-TO-KNOW SCHEDULE RESPONSIBILITY. WHEN REVISIONS ARE MADE, DISTRIBUTE UPDATED SCHEDULES TO THE SAME PARTIES.

1.4 SUBMITTAL ADMINISTRATIVE REQUIREMENTS A. COORDINATE EACH SUBMITTAL WITH FABRICATION. PURCHASING. TESTING. DELIVERY, OTHER SUBMITTALS, AND RELATED ACTIVITIES THAT REQUIRE SEQUENTIAL ACTIVITY.

1. NO EXTENSION OF THE CONTRACT TIME WILL BE AUTHORIZED BECAUSE OF FAILURE TO TRANSMIT SUBMITTALS ENOUGH IN ADVANCE OF THE WORK TO PERMIT PROCESSING, INCLUDING RESUBMITTALS. 2. SUBMIT THREE COPIES OF EACH ACTION SUBMITTAL. ARCHITECT WILL RETURN TWO COPIES. SUBMIT TWO COPIES OF EACH INFORMATIONAL SUBMITTAL. ARCHITECT WILL NOT RETURN COPIES. 4. ARCHITECT WILL DISCARD WITHOUT REVIEW SUBMITTALS RECEIVED FROM SOURCES OTHER THAN CONTRACTOR.

B. PROCESSING TIME: ALLOW TIME FOR SUBMITTAL REVIEW, INCLUDING TIME FOR RESUBMITTALS, AS FOLLOWS. TIME FOR REVIEW SHALL COMMENCE 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 WORK TO PERMIT PROCESSING, INCLUDING RESUBMITTALS. 1. INITIAL REVIEW: ALLOW 15 BUSINESS DAYS FOR INITIAL REVIEW OF EACH SUBMITTAL. ALLOW ADDITIONAL TIME IF COORDINATION WITH SUBSEQUENT SUBMITTALS IS REQUIRED. ARCHITECT WILL ADVISE CONTRACTOR WHEN A SUBMITTAL BEING PROCESSED MUST BE DELAYED FOR COORDINATION. INTERMEDIATE REVIEW: IF INTERMEDIATE SUBMITTAL IS NECESSARY, PROCESS IT IN SAME MANNER AS INITIAL SUBMITTAL. 3. RESUBMITTAL REVIEW: ALLOW 15 BUSINESS DAYS FOR REVIEW OF EACH

RESUBMITTAL C. SUBMITTAL FORMAT: CONTRACTOR MAY CHOOSE PAPER OR ELECTRONIC SUBMITTALSBUT MUST USE ONLY ONE FORMAT FOR THE DURATION OF THE

D. PAPER SUBMITTALS: PLACE A PERMANENT LABEL OR TITLE BLOCK ON EACH SUBMITTAL FOR IDENTIFICATION. PROVIDE A SPACE APPROXIMATELY 6 BY 8 INCHES (150 BY 200 MM) ON LABEL OR BESIDE TITLE BLOCK TO RECORD CONTRACTOR'S REVIEW AND APPROVAL MARKINGS AND ACTION TAKEN BY ARCHITECT. INCLUDE THE FOLLOWING INFORMATION ON THE LABEL: TRANSMITTAL FORM: USE ELECTRONIC FORM ACCEPTABLE TO ARCHITECT,

CONTAINING THE FOLLOWING INFORMATION: PROJECT NAME.

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. ELECTRONIC SUBMITTALS: IDENTIFY AND INCORPORATE INFORMATION IN EACH **ELECTRONIC SUBMITTAL FILE AS FOLLOWS:** 1 ASSEMBLE COMPLETE SUBMITTAL PACKAGE INTO A SINGLE BOOKMARKED FILE INCORPORATING SUBMITTAL REQUIREMENTS OF A SINGLE SPECIFICATION SECTION AND TRANSMITTAL FORM WITH LINKS ENABLING NAVIGATION TO EACH

2. NAME FILE WITH SUBMITTAL NUMBER OR OTHER UNIQUE IDENTIFIER, INCLUDING REVISION IDENTIFIER. 3... FILE NAME SHALL USE PROJECT IDENTIFIER AND SPECIFICATION SECTION NUMBER FOLLOWED BY A DECIMAL POINT AND THEN A SEQUENTIAL NUMBER (E.G., LNHS-061000.01). RESUBMITTALS SHALL INCLUDE AN ALPHABETIC SUFFIX AFTER ANOTHER DECIMAL POINT (E.G., LNHS-061000.01.A. 4. PROVIDE MEANS FOR INSERTION TO PERMANENTLY RECORD CONTRACTOR'S REVIEW AND APPROVAL MARKINGS AND ACTION TAKEN BY ARCHITECT. 5 CONTRACTOR'S COMMENTS OR QUESTIONS SHALL BE INSERTED INTO FILE IN A MANNER THAT ALLOWS PRINTING OF SAME WITHIN THE PAGE BOUNDARIES OF THE DOCUMENT. POP-UP COMMENT BUBBLES ARE UNACCEPTAABLE.

ELECTRONIC SUBMITTAL FILE METADATA: PROJECT NAME NUMBER AND TITLE OF APPROPRIATE SPECIFICATION SECTION. MANUFACTURER NAME.

6. METADATA: INCLUDE THE FOLLOWING INFORMATION AS KEYWORDS IN THE

PRODUCT NAME. OPTIONS: IDENTIFY OPTIONS REQUIRING SELECTION BY ARCHITECT. RESUBMITTALS: MAKE RESUBMITTALS IN SAME FORM AND NUMBER OF COPIES AS INITIAL SUBMITTAL . NOTE DATE AND CONTENT OF PREVIOUS SUBMITTAL.

2. NOTE DATE AND CONTENT OF REVISION IN LABEL OR TITLE BLOCK AND CLEARLY INDICATE EXTENT OF REVISION. 3. RESUBMIT SUBMITTALS UNTIL THEY ARE MARKED WITH APPROVAL NOTATION FROM ARCHITECT'S ACTION STAMP. H. CONTRACTOR'S CONSTRUCTION SCHEDULE SUBMITTAL PROCEDURE: SUBMIT

TWO COPIES OF SCHEDULE WITHIN 10 DAYS AFTER DATE ESTABLISHED FOR COMMENCEMENT OF THE WORK. I SUBMIT ELECTRONIC SUBMITTALS VIA EMAIL AS PDF ELECTRONIC FILES.

A. PRODUCT DATA: MARK EACH COPY TO SHOW APPLICABLE PRODUCTS AND OPTIONS. INCLUDE THE FOLLOWING: . MANUFACTURER'S WRITTEN RECOMMENDATIONS, PRODUCT SPECIFICATIONS, AND INSTALLATION INSTRUCTIONS. WIRING DIAGRAMS SHOWING FACTORY-INSTALLED WIRING. PRINTED PERFORMANCE CURVES AND OPERATIONAL RANGE DIAGRAMS

 TESTING BY RECOGNIZED TESTING AGENCY. 5. COMPLIANCE WITH SPECIFIED STANDARDS AND REQUIREMENTS. B. SHOP DRAWINGS: PREPARE PROJECT-SPECIFIC INFORMATION, DRAWN ACCURATELY TO SCALE. DO NOT BASE SHOP DRAWINGS ON REPRODUCTIONS OF THE CONTRACT DOCUMENTS OR STANDARD PRINTED DATA, UNLESS SUBMITTAL BASED ON ARCHITECT'S DIGITAL DATA DRAWING FILES IS OTHERWISE PERMITTED SUBMIT ON SHEETS AT LEAST 8-1/2 BY 11 INCHES (215 BY 280 MM) BUT NO LARGER THAN 30 BY 42 INCHES (762 BY 1067 MM). INCLUDE THE FOLLOWING: 1. DIMENSIONS AND IDENTIFICATION OF PRODUCTS.

2. FABRICATION AND INSTALLATION DRAWINGS AND ROUGHING-IN AND SETTING

DIAGRAMS 3. WIRING DIAGRAMS SHOWING FIELD-INSTALLED WIRING. 4. NOTATION OF COORDINATION REQUIREMENTS 5. NOTATION OF DIMENSIONS ESTABLISHED BY FIELD MEASUREMENT SAMPLES: SUBMIT SAMPLES FOR REVIEW OF KIND, COLOR, PATTERN, AND

TEXTURE AND FOR A COMPARISON OF THESE CHARACTERISTICS BETWEEN SUBMITTAL AND ACTUAL COMPONENT AS DELIVERED AND INSTALLED. INCLUDE NAME OF MANUFACTURER AND PRODUCT NAME ON LABEL 1. IF VARIATION IS INHERENT IN MATERIAL OR PRODUCT, SUBMIT AT LEAST THREE SETS OF PAIRED UNITS THAT SHOW VARIATIONS. A. QUALIFICATION DATA: INCLUDE LISTS OF COMPLETED PROJECTS WITH PROJECT

NAMES AND ADDRESSES, NAMES AND ADDRESSES OF ARCHITECTS AND OWNERS, AND OTHER INFORMATION SPECIFIED. B. PRODUCT CERTIFICATES: PREPARE WRITTEN STATEMENTS ON MANUFACTURER'S LETTERHEAD CERTIFYING THAT PRODUCT COMPLIES WITH REQUIREMENTS IN THE CONTRACT DOCUMENTS.

A. REVIEW EACH SUBMITTAL AND CHECK FOR COORDINATION WITH OTHER WORK OF THE CONTRACT AND FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. NOTE CORRECTIONS AND FIELD DIMENSIONS. MARK WITH APPROVAL STAMP BEFORE SUBMITTING TO ARCHITECT. B. ARCHITECT WILL NOT REVIEW SUBMITTALS THAT DO NOT BEAR CONTRACTOR'S APPROVAL STAMP AND WILL RETURN THEM WITHOUT ACTION. ARCHITECT WILL REVIEW EACH ACTION SUBMITTAL, MAKE MARKS TO INDICATE

CORRECTIONS OR MODIFICATIONS REQUIRED, WILL STAMP EACH SUBMITTAL WITH AN ACTION STAMP AND WILL MARK STAMP APPROPRIATELY TO INDICATE ACTION. D. SUBMITTALS NOT REQUIRED BY THE CONTRACT DOCUMENTS MAY NOT BE REVIEWED AND MAY BE DISCARDED. PROJECT CLOSEOUT AND MAINTENANCE MATERIAL SUBMITTALS: SEE REQUIREMENTS IN SECTION 017700 "EXECUTION AND CLOSEOUT REQUIREMENTS"

F. APPROVAL STAMP: STAMP EACH SUBMITTAL WITH A UNIFORM, APPROVAL STAMP. INCLUDE PROJECT NAME AND LOCATION, SUBMITTAL NUMBER, SPECIFICATION SECTION TITLE AND NUMBER, NAME OF REVIEWER, DATE OF CONTRACTOR'S APPROVAL, AND STATEMENT CERTIFYING THAT SUBMITTAL HAS BEEN REVIEWED CHECKED, AND APPROVED FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. INCOMPLETE SUBMITTALS ARE UNACCEPTABLE, WILL BE CONSIDERED NONRESPONSIVE, AND WILL BE RETURNED FOR RESUBMITTAL WITHOUT REVIEW.

A. UNLESS THE CONTRACT DOCUMENTS INCLUDE MORE STRINGENT REQUIREMENTS, APPLICABLE CONSTRUCTION INDUSTRY STANDARDS HAVE THE SAME FORCE AND EFFECT AS IF BOUND OR COPIED DIRECTLY INTO THE CONTRACT DOCUMENTS. SUCH STANDARDS ARE MADE A PART OF THE CONTRACT

COMPLY WITH STANDARDS IN EFFECT AS OF DATE OF THE INVITATION TO BID. WHERE ABBREVIATIONS AND ACRONYMS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY SHALL MEAN THE RECOGNIZED NAME OF THE ENTITIES INDICATED IN GALE'S "ENCYCLOPEDIA OF ASSOCIATIONS: NATIONAL ORGANIZATIONS OF THE U.S." OR IN COLUMBIA BOOKS' "NATIONAL TRADE & PROFESSIONAL ASSOCIATIONS OF THE UNITED STATES."

SECTION 01 50 00 - TEMPORARY FACILITIES AND CONTROLS

SECTION 01 42 00 - REFERENCES

A. USE CHARGES: INSTALLATION AND REMOVAL OF AND USE CHARGES FOR TEMPORARY FACILITIES SHALL BE INCLUDED IN THE CONTRACT SUM UNLESS

B. WATER AND ELECTRIC POWER: AVAILABLE FROM OWNER'S EXISTING SYSTEM

WITHOUT METERING AND WITHOUT PAYMENT OF USE CHARGES. PROVIDE CONNECTIONS AND EXTENSIONS OF SERVICES AS REQUIRED FOR CONSTRUCTION OPERATIONS. C. ELECTRIC SERVICE: COMPLY WITH NECA, NEMA, AND UL STANDARDS AND REGULATIONS FOR TEMPORARY ELECTRIC SERVICE. INSTALL SERVICE TO

COMPLY WITH NFPA 70. D. ACCESSIBLE TEMPORARY EGRESS: COMPLY WITH APPLICABLE PROVISIONS IN ICC/ANSI A117.1. .2 TEMPORARY FACILITIES A. PROVIDE FIELD OFFICES, STORAGE AND FABRICATION SHEDS, AND OTHER

COMBUSTIBLE MATERIALS APART FROM BUILDING. A. FIRE EXTINGUISHERS: PORTABLE, UL RATED; WITH CLASS AND EXTINGUISHING AGENT AS REQUIRED BY LOCATIONS AND CLASSES OF FIRE EXPOSURES. B. HVAC EQUIPMENT: UNLESS OWNER AUTHORIZES USE OF PERMANENT HVAC SYSTEM, PROVIDE VENTED, SELF-CONTAINED, LIQUID-PROPANE-GAS OR FUEL-OIL HEATERS WITH INDIVIDUAL SPACE THERMOSTATIC CONTROL.

SUPPORT FACILITIES AS NECESSARY FOR CONSTRUCTION OPERATIONS. STORE

1. USE OF GASOLINE-BURNING SPACE HEATERS, OPEN-FLAME HEATERS, OR SALAMANDER-TYPE HEATING UNITS IS PROHIBITED. 2. HEATING UNITS: LISTED AND LABELED FOR TYPE OF FUEL BEING CONSUMED, BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, AND MARKED FOR INTENDED USE.

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 1. ARRANGE WITH UTILITY COMPANY, OWNER, AND EXISTING USERS 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 OWNER'S 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. PROVIDE 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

SIZES ADEQUATE TO HANDLE WASTE FROM CONSTRUCTION OPERATIONS. COMPLY WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION. B. USE OF OWNER'S 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 WORN 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, WATERWAY, AND SUBSOIL CONTAMINATION OR POLLUTION OR OTHER UNDESIRABLE EFFECTS. B. PROVIDE FLOOR-TO-CEILING DUSTPROOF PARTITIONS TO LIMIT DUST AND DIRT MIGRATION AND TO SEPARATE AREAS OCCUPIED BY OWNER AND TENANTS FROM C. INSTALL AND MAINTAIN TEMPORARY FIRE-PROTECTION FACILITIES. COMPLY WITH

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,

SECTION 01 60 00 - PRODUCT REQUIREMENTS

OR NO LATER THAN SUBSTANTIAL COMPLETION.

A. COMPARABLE PRODUCT REQUESTS: 1. SUBMIT REQUEST FOR CONSIDERATION OF EACH COMPARABLE PRODUCT. DO NOT SUBMIT UNAPPROVED PRODUCTS ON SHOP DRAWINGS OR OTHER SUBMITTALS. USE CSI FORM 13.1A 2. IDENTIFY PRODUCT TO BE REPLACED AND SHOW COMPLIANCE WITH

DETAILED COMPARISON OF SIGNIFICANT QUALITIES OF PROPOSED SUBSTITUTION WITH THOSE OF THE WORK SPECIFIED. ARCHITECT WILL REVIEW THE PROPOSED PRODUCT AND NOTIFY CONTRACTOR OF ITS ACCEPTANCE OR REJECTION. B. BASIS-OF-DESIGN PRODUCT SPECIFICATION SUBMITTAL: SHOW COMPLIANCE

REQUIREMENTS FOR COMPARABLE PRODUCT REQUESTS. INCLUDE A

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.

1.2 PRODUCT SELECTION PROCEDURES A. PROVIDE PRODUCTS THAT COMPLY WITH THE CONTRACT DOCUMENTS, ARE UNDAMAGED, AND ARE NEW AT THE TIME OF INSTALLATION. 1. PROVIDE PRODUCTS COMPLETE WITH ACCESSORIES, TRIM, FINISH, AND OTHER DEVICES AND COMPONENTS NEEDED FOR A COMPLETE INSTALLATION AND THE INTENDED USE AND EFFECT. 2. DESCRIPTIVE, PERFORMANCE, AND REFERENCE STANDARD REQUIREMENTS IN THE SPECIFICATIONS ESTABLISH SALIENT CHARACTERISTICS OF

B. PRODUCT SELECTION PROCEDURES: WHERE SPECIFICATIONS NAME A SINGLE MANUFACTURER AND PRODUCT PROVIDE THE NAMED PRODUCT THAT COMPLIES WITH REQUIREMENTS. 2. WHERE SPECIFICATIONS NAME A SINGLE MANUFACTURER AS SOURCE, PROVIDE A PRODUCT BY THE NAMED MANUFACTURER THAT COMPLIES WITH REQUIREMENTS. WHERE SPECIFICATIONS NAME A SINGLE PRODUCT, OR REFER TO A

PRODUCT INDICATED ON DRAWINGS, AS THE "BASIS-OF-DESIGN," PROVIDE THE NAMED PRODUCT. COMPLY WITH PROVISIONS FOR "COMPARABLE PRODUCT REQUESTS" FOR CONSIDERATION OF AN UNNAMED PRODUCT BY ANOTHER MANUFACTURER C. WHERE SPECIFICATIONS REQUIRE "MATCH ARCHITECT'S SAMPLE," PROVIDE A PRODUCT THAT COMPLIES WITH REQUIREMENTS AND MATCHES ARCHITECT'S SAMPLE. ARCHITECT'S DECISION WILL BE FINAL ON WHETHER A PROPOSED

PRODUCT MATCHES. SECTION 01 70 00 - EXECUTION REQUIREMENTS

1.1 EXAMINATION AND PREPARATION

A. BEFORE PROCEEDING WITH EACH COMPONENT OF THE WORK, EXAMINE SUBSTRATES, AREAS, AND CONDITIONS, WITH INSTALLER OR APPLICATOR PRESENT WHERE INDICATED, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE. VERIFY COMPATIBILITY WITH AND SUITABILITY OF SUBSTRATES. EXAMINE ROUGHING-IN FOR MECHANICAL AND ELECTRICAL SYSTEMS.

EXAMINE WALLS, FLOORS, AND ROOFS FOR SUITABLE CONDITIONS. B. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED TAKE FIELD MEASUREMENTS AS REQUIRED TO FIT THE WORK PROPERLY. WHERE PORTIONS OF THE WORK ARE INDICATED TO FIT TO OTHER CONSTRUCTION,

VERIFY DIMENSIONS OF OTHER CONSTRUCTION BY FIELD MEASUREMENTS BEFORE FABRICATION. D. VERIFY SPACE REQUIREMENTS AND DIMENSIONS OF ITEMS SHOWN DIAGRAMMATICALLY ON DRAWINGS.

1.2 CONSTRUCTION LAYOUT AND FIELD ENGINEERING A. BEFORE PROCEEDING TO LAY OUT THE WORK, VERIFY LAYOUT INFORMATION SHOWN ON DRAWINGS, IN RELATION TO THE PROPERTY SURVEY AND EXISTING

A. LOCATE THE WORK AND COMPONENTS OF THE WORK ACCURATELY, IN CORRECT ALIGNMENT AND ELEVATION, AS INDICATED. MAKE VERTICAL WORK PLUMB AND MAKE HORIZONTAL WORK LEVEL 1. MAKE JOINTS OF UNIFORM WIDTH. WHERE JOINT LOCATIONS IN EXPOSED WORK ARE NOT INDICATED, ARRANGE JOINTS FOR THE BEST VISUAL EFFECT. FIT EXPOSED CONNECTIONS TO FORM HAIRLINE JOINTS.

2. CONCEAL PIPES, DUCTS, AND WIRING IN FINISHED AREAS UNLESS OTHERWISE INDICATED MAINTAIN MINIMUM HEADROOM CLEARANCE OF 100 INCHES (2540 MM) IN OCCUPIED SPACES AND 90 INCHES (2300 MM) IN UNOCCUPIED SPACES. B. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND

RECOMMENDATIONS. C. CONDUCT CONSTRUCTION OPERATIONS SO NO PART OF THE WORK IS SUBJECTED TO DAMAGING OPERATIONS OR LOADING IN EXCESS OF THAT EXPECTED DURING NORMAL CONDITIONS OF OCCUPANCY. D. USE PRODUCTS, CLEANERS, AND INSTALLATION MATERIALS THAT ARE NOT

CONSIDERED HAZARDOUS. E. PROVIDE BLOCKING AND ATTACHMENT PLATES AND ANCHORS AND FASTENERS OF ADEQUATE SIZE AND NUMBER TO SECURELY ANCHOR EACH COMPONENT IN PLACE. OBTAIN AND DISTRIBUTE TO THE PARTIES INVOLVED TEMPLATES FOR WORK SPECIFIED TO BE FACTORY PREPARED AND FIELD INSTALLED. F. MOUNTING HEIGHTS: WHERE MOUNTING HEIGHTS ARE NOT INDICATED; MOUNT AT HEIGHTS DIRECTED BY THE ARCHITECT G. SEPARATE INCOMPATIBLE MATERIALS WITH SUITABLE MATERIALS OR SPACING.

 PREVENT CATHODIC EROSION. H. AFTER INSTALLATION, ADJUST OPERATING COMPONENTS TO PROPER OPERATION. 1.4 CUTTING AND PATCHING A. PROVIDE TEMPORARY SUPPORT OF WORK TO BE CUT. DO NOT CUT STRUCTURAL

MEMBERS OR OPERATIONAL ELEMENTS WITHOUT PRIOR WRITTEN APPROVAL OF ARCHITECT. B. PRIOR TO CUTTING SLABS, LOCATE REINFORCING AND BURIED UTILITIES BY SCANNING WITH APPROPRIATE INSTRUMENTATION SUCH AS X RAY, GROUND PIERCING RADAR, M SCOPE OR OTHER SUITABLE METHOD. ENGAGE A QUALIFIED UTILITYLOCATING AGENCY HAVING A MINIMUM OF 5 YEARS EXPERIENCE IN CONCRETE SCANNING SERVICESTO PERFORM THIS WORK PERIOD

C. CUTTING OF SLAB ON GRADE: SAW CUT AREA TO BE REMOVED TO A DEPTH OF 2

INCHES. COMPLETE REMOVAL OF SLAB USING AIR TOOLS.

 REMOVE DEBRIS AND CAREFULLY CUT AND PEEL BACK MINIMMU 12 INCHES STRIP OF EXISTING VAPOR RETARDERS FOR SPLICIN IN NEW VAPOR

RETARDING MEMBRANE BACKFILL AND COMPACT AFTER INSTALLATION OF NEW UNDERSLAB WORK. REPLACE REMOVED SLAB REINFORCING WITH SAME TYPE AND SIZE OF THAT REMOVED. DRILL SLAB EDGE TO EMBED REINFORCING STEEL OR LAP 4. PLACE NEW CONCRETE WORK IN ACCORDANCE WITH DIVISION 3

 D. WHERE EXISTING SERVICES/SYSTEMS ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, BYPASS SUCH SERVICES/SYSTEMS BEFORE CUTTING TO PREVENT INTERRUPTION TO OCCUPIED AREAS. E. PATCH WITH DURABLE SEAMS THAT ARE AS INVISIBLE AS POSSIBLE. PROVIDE

MATERIALS AND COMPLY WITH INSTALLATION REQUIREMENTS SPECIFIED IN 1, RESTORE EXPOSED FINISHES OF PATCHED AREAS AND EXTEND FINISH RESTORATION INTO ADJOINING CONSTRUCTION IN A MANNER THAT WILL MINIMIZE EVIDENCE OF PATCHING AND REFINISHING

WHERE PATCHING OCCURS IN A PAINTED SURFACE, PREPARE SUBSTRATE AND APPLY PRIMER AND INTERMEDIATE PAINT COATS APPROPRIATE FOR SUBSTRATE OVER THE PATCH, AND APPLY FINAL PAINT COAT OVER ENTIRE UNBROKEN SURFACE CONTAINING THE PATCH. PROVIDE ADDITIONAL COATS UNTIL PATCH BLENDS WITH ADJACENT SURFACES. . RESTORE WORK WHICH HAS BEEN CUT OR REMOVED AND INSTALL NEW PRODUCTS TO PROVIDE COMPETED WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. HE SHALL REFINISH ENTIRE

ADJACENT FINISHES. FOR CONTINUOUS SURFACES. HE SHALL REFINISH TO

THE NEAREST INTERSECTION AND FOR AN ASSEMBLY, HE SHALL REFINISH

SURFACES AS NECESSARY TO PROVIDE AN EVEN FINISH TO MATCH

1.5 PROCEDURES FOR CORRECTION OF WORK A. THE FOLLOWING MUST BE REPLACED (REPAIR IS NOT ACCEPTABLE)

1. DAMAGED SURFACES EXPOSED TO VIEW, WHICH CANNOT BE REPAIRED WITHOUT VISIBLE EVIDENCE OF REPAIR. COMPONENTS WHICH CANNOT BE REPAIRED TO PROPER 3. CHIPPED AND BROKEN GLASS.

4. SCRATCHED TRANSPARENT MATERIALS. 5. SCRATCHED REFLECTIVE SURFACES.

B. REPAIR OR REPLACE: COMPONENTS WHICH DO NOT OPERATE PROPERLY. 2. SURFACES EXPOSED TO VIEW WHICH CANNOT BE CLEANED TO ORIGINAL

PERMANENT FACILITIES USED DURING CONSTRUCTION. 4. OTHER DEFECTIVE WORK. C. ACCEPTABLE REPAIR METHODS: REPLACING PARTS.

THE ENTIRE UNIT.

REFINISHING. TOUCHING UP WITH MATCHING MATERIALS. 4. PROPER ADJUSTMENT OF EQUIPMENT. D. WHEN IT IS NECESSARY TO DEVIATE FROM THE CONTRACT DOCUMENTS IN ORDER

TO ACCOMPLISH CORRECTIVE ACTION, SUBMIT A FIELD CORRECTION REQUEST. A. REMOVE, CUT, ALTER, REPLACE, PATCH, AND REPAIR EXISTING WORK AS NECESSARY TO INSTALL NEW WORK. EXCEPT AS OTHERWISE SHOWN OR SPECIFIED, DO NOT CUT, ALTER OR REMOVE ANY STRUCTURAL WORK AND DO NOT DISTURB ANY DUCTS, PLUMBING, STEAM, GAS, OR ELECTRIC WORK WITHOUT APPROVAL. EXISTING WORK TO BE ALTERED OR EXTENDED AND THAT IS FOUND TO BE DEFECTIVE IN ANY WAY, SHALL BE REPORTED TO RDC BEFORE IT IS DISTURBED. MATERIALS AND WORKMANSHIP USED IN RESTORING WORK SHALL CONFORM IN TYPE AND QUALITY TO THAT OF ORIGINAL CONSTRUCTION, EXCEPT

AS OTHERWISE SHOWN OR SPECIFIED. B. UPON COMPLETION OF CONTRACT, DELIVER WORK COMPLETE AND UNDAMAGED. EXISTING WORK (WALLS, CEILINGS, PARTITIONS, FLOORS, MECHANICAL AND ELECTRICAL WORK, LAWNS PAVING, ROADS, WALKS, ETC.) DISTURBED OR REMOVED AS A RESULT OF PERFORMING REQUIRED NEW WORK, SHALL BE PATCHED, REPAIRED, REINSTALLED, OR REPLACED WITH NEW WORK, AND REFINISHED AND LEFT IN AS GOOD CONDITION AS EXISTED BEFORE COMMENCING

C. AT CONTRACTOR'S OWN EXPENSE, CONTRACTOR SHALL IMMEDIATELY RESTORE TO SERVICE AND REPAID ANY DAMAGE CAUSED BY CONTRACTOR'S WORKMEN TO EXISTING PIPES AND CONDUITS, WIRES, CABLES, ETC., OF UTILITY SERVICES OR OF FIRE PROTECTION SYSTEMS AND COMMUNICATIONS SYSTEMS (INCLUDING TELEPHONE) WHICH ARE INDICATED ON DRAWINGS AND WHICH ARE NOT

SCHEDULED FOR DISCONTINUANCE OR ABANDONMENT. SECTION 01 74 00 - CLEANING REQUIREMENTS

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

DISPOSE OF MATERIALS LAWFULLY. REMOVE LIQUID SPILLS PROMPTLY 2. WHERE DUST WOULD IMPAIR PROPER EXECUTION OF THE WORK, BROOM-CLEAN OR VACUUM THE ENTIRE WORK AREA, AS APPROPRIATE. 3. REMOVE DEBRIS FROM CONCEALED SPACES BEFORE ENCLOSING THE

B. CONDUCT CLEANING AND WASTE-REMOVAL OPERATIONS TO COMPLY WITH LOCAL LAWS AND ORDINANCES AND FEDERAL AND LOCAL ENVIRONMENTAL AND ANTIPOLLUTION REGULATIONS. C. COMPLY WITH SAFETY STANDARDS FOR CLEANING. DO NOT BURN WASTE

MATERIALS. DO NOT BURY DEBRIS OR EXCESS MATERIALS ON OWNER'S

PROPERTY. DO NOT DISCHARGE VOLATILE, HARMFUL, OR DANGEROUS

MATERIALS INTO DRAINAGE SYSTEMS. REMOVE WASTE MATERIALS FROM PROJECT SITE AND DISPOSE OF LAWFULLY. A. COMPLETE FINAL CLEANING OPERATIONS BEFORE REQUESTING INSPECTION FOR

CERTIFICATION OF SUBSTANTIAL COMPLETION:

FINAL CLEANING. CLEAN EACH SURFACE OR UNIT TO CONDITION EXPECTED IN AN AVERAGE COMMERCIAL BUILDING CLEANING AND MAINTENANCE PROGRAM. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. COMPLETE THE FOLLOWING CLEANING OPERATIONS BEFORE REQUESTING INSPECTION FOR CERTIFICATION OF SUBSTANTIAL COMPLETION FOR ENTIRE

PROJECT OR FOR A PORTION OF PROJECT C. CLEAN PROJECT SITE IN AREAS DISTURBED BY CONSTRUCTION ACTIVITIES OF RUBBISH, WASTE MATERIAL, LITTER, AND OTHER FOREIGN SUBSTANCES. D. REMOVE TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY, AND SURPLUS

B. CLEANING: EMPLOY EXPERIENCED WORKERS OR PROFESSIONAL CLEANERS FOR

E. REMOVE DEBRIS AND SURFACE DUST FROM LIMITED ACCESS SPACES, INCLUDING ROOFS, PLENUMS, SHAFTS, TRENCHES, EQUIPMENT VAULTS, MANHOLES, ATTICS, AND SIMILAR SPACES. F. SWEEP CONCRETE FLOORS BROOM CLEAN IN UNOCCUPIED SPACES. G. VACUUM CARPET AND SIMILAR SOFT SURFACES, REMOVING DEBRIS AND EXCESS NAP; SHAMPOO IF VISIBLE SOIL OR STAINS REMAIN. 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 AND OTHER DAMAGED TRANSPARENT MATERIALS. POLISH MIRRORS AND GLASS, TAKING CARE NOT TO SCRATCH SURFACES. 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. . 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

N. IN SPACES TO BE OCCUPIED, REMOVE DIRT, STAINS, AND OTHER FOREIGN SUBSTANCES FROM ALL ACCESSIBLE SURFACES AND REMOVE NONPERMANENT O. REMOVE PAINT AND OTHER COATINGS FROM PERMANENT LABELS AND FROM MECHANICAL AND ELECTRICAL EQUIPMENT NAMEPLATES.

EQUIPMENT, AND SIMILAR EQUIPMENT. REMOVE EXCESS LUBRICATION, PAINT AND MORTAR DROPPINGS, AND OTHER FOREIGN SUBSTANCES. Q. REPLACE PARTS SUBJECT TO UNUSUAL OPERATING CONDITIONS R. CLEAN PLUMBING FIXTURES TO A SANITARY CONDITION, FREE OF STAINS, INCLUDING STAINS RESULTING FROM WATER EXPOSURE

EXPOSED SURFACES OF DIFFUSERS, REGISTERS, AND GRILLS.

P. WIPE SURFACES OF MECHANICAL AND ELECTRICAL EQUIPMENT, ELEVATOR

S. REPLACE DISPOSABLE AIR FILTERS AND CLEAN PERMANENT AIR FILTERS. CLEAN

T. CLEAN LIGHT FIXTURES, LAMPS, GLOBES, AND REFLECTORS 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 REQUIREMENTS FOR NEW FIXTURES. U. DISPOSE OF DEBRIS IN A LAWFUL MANNER.

DO NOT DISPOSE OF VOLATILE WASTES IN STORM OR SANITARY DRAINS. W. LEAVE THE PROJECT CLEAN AND READY FOR OCCUPANCY. SECTION 01 77 00 - CLOSEOUT REQUIREMENTS

A. RECORD DRAWINGS: MAINTAIN A SET OF PRINTS OF THE CONTRACT DRAWINGS AS RECORD DRAWINGS. MARK TO SHOW ACTUAL INSTALLATION WHERE INSTALLATION VARIES FROM THAT SHOWN ORIGINALLY. 1. IDENTIFY AND DATE EACH RECORD DRAWING; INCLUDE THE DESIGNATION

"PROJECT RECORD DRAWING" IN A PROMINENT LOCATION.

B. OPERATION AND MAINTENANCE DATA: SUBMIT ONE COPY OF MANUAL. ORGANIZE DATA INTO THREE-RING BINDERS WITH IDENTIFICATION ON FRONT AND SPINE OF EACH BINDER, AND ENVELOPES FOR FOLDED DRAWINGS. INCLUDE THE

MANUFACTURER'S OPERATION AND MAINTENANCE DOCUMENTATION

MAINTENANCE AND SERVICE SCHEDULES. 3. MAINTENANCE SERVICE CONTRACTS.

4. EMERGENCY INSTRUCTIONS. SPARE PARTS LIST WIRING DIAGRAMS.

7. COPIES OF WARRANTIES.

1.2 CLOSEOUT PROCEDURES A. <u>SUBSTANTIAL COMPLETION</u>: BEFORE REQUESTING SUBSTANTIAL COMPLETION INSPECTION, COMPLETE THE FOLLOWING: 1. PREPARE A LIST OF ITEMS TO BE COMPLETED AND CORRECTED (PUNCH LIST), THE VALUE OF ITEMS ON THE LIST, AND REASONS WHY THE WORK IS NOT

2. ADVISE OWNER OF PENDING INSURANCE CHANGEOVER REQUIREMENTS. 3. SUBMIT SPECIFIC WARRANTIES, MAINTENANCE SERVICE AGREEMENTS, AND

SIMILAR DOCUMENTS 4. OBTAIN AND SUBMIT RELEASES PERMITTING OWNER UNRESTRICTED USE OF THE WORK AND ACCESS TO SERVICES AND UTILITIES. INCLUDE OCCUPANCY

PERMITS, OPERATING CERTIFICATES, AND SIMILAR RELEASES.

5. SUBMIT RECORD DRAWINGS, OPERATION AND MAINTENANCE MANUALS, AND

SIMILAR FINAL RECORD INFORMATION. 6. DELIVER TOOLS, SPARE PARTS, EXTRA MATERIALS, AND SIMILAR ITEMS. 7. MAKE FINAL CHANGEOVER OF PERMANENT LOCKS AND DELIVER KEYS TO

8. COMPLETE STARTUP TESTING OF SYSTEMS.

9. REMOVE TEMPORARY FACILITIES AND CONTROLS. 10. SUBMIT CHANGEOVER INFORMATION RELATED TO OWNER'S OCCUPANCY, USE, OPERATION, AND MAINTENANCE. 11. COMPLETE FINAL CLEANING REQUIREMENTS, INCLUDING TOUCHUP PAINTING. 12. TOUCH UP AND OTHERWISE REPAIR AND RESTORE MARRED EXPOSED

FINISHES TO ELIMINATE VISUAL DEFECTS. B. SUBMIT A WRITTEN REQUEST FOR INSPECTION FOR SUBSTANTIAL COMPLETION. ON RECEIPT OF REQUEST, ARCHITECT WILL PROCEED WITH INSPECTION OR ADVISE CONTRACTOR OF UNFULFILLED REQUIREMENTS. ARCHITECT WILL PREPARE THE CERTIFICATE OF SUBSTANTIAL COMPLETION AFTER INSPECTION OR WILL ADVISE CONTRACTOR OF ITEMS THAT MUST BE COMPLETED OR CORRECTED

BEFORE CERTIFICATE WILL BE ISSUED. C. REQUEST INSPECTION FOR FINAL COMPLETION, ONCE THE FOLLOWING ARE

1. SUBMIT A COPY OF SUBSTANTIAL COMPLETION INSPECTION LIST STATING THAT EACH ITEM HAS BEEN COMPLETED OR OTHERWISE RESOLVED FOR 2. INSTRUCT OWNER'S PERSONNEL IN OPERATION, ADJUSTMENT, AND MAINTENANCE OF PRODUCTS, EQUIPMENT, AND SYSTEMS.

D. REQUEST REINSPECTION WHEN THE WORK IDENTIFIED IN PREVIOUS INSPECTIONS AS INCOMPLETE IS COMPLETED OR CORRECTED. E. SUBMIT A WRITTEN REQUEST FOR FINAL INSPECTION FOR ACCEPTANCE. ON RECEIPT OF REQUEST, ARCHITECT WILL PROCEED WITH INSPECTION OR ADVISE CONTRACTOR OF UNFULFILLED REQUIREMENTS. ARCHITECT WILL PREPARE FINAL CERTIFICATE FOR PAYMENT AFTER INSPECTION OR WILL ADVISE CONTRACTOR OF ITEMS THAT MUST BE COMPLETED OR CORRECTED BEFORE

CERTIFICATE WILL BE ISSUED. 1.3 DEMONSTRATION AND TRAININGA. A. ENGAGE QUALIFIED INSTRUCTORS TO INSTRUCT OWNER'S PERSONNEL TO ADJUST, OPERATE, AND MAINTAIN SYSTEMS, SUBSYSTEMS, AND EQUIPMENT NOT PART OF A SYSTEM. INCLUDE A DETAILED REVIEW OF THE FOLLOWING: INCLUDE INSTRUCTION FOR BASIS OF SYSTEM DESIGN AND OPERATIONAL REQUIREMENTS, REVIEW OF DOCUMENTATION, EMERGENCY PROCEDURES,

SECTION 02 41 19- SELECTIVE DEMOLITION

A. COMPLY WITH EPA REGULATIONS AND HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION. COMPLY WITH ANSI A10.6 AND NFPA 241. B. OWNER WILL OCCUPY PORTIONS OF BUILDING IMMEDIATELY ADJACENT TO SELECTIVE DEMOLITION AREA. CONDUCT SELECTIVE DEMOLITION SO OWNER'S OPERATIONS WILL NOT BE DISRUPTED C. IT IS NOT EXPECTED THAT HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE

WORK. IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE

OPERATIONS, ADJUSTMENTS, TROUBLESHOOTING, MAINTENANCE, AND

ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY ARCHITECT AND OWNER. HAZARDOUS MATERIALS WILL BE REMOVED BY OWNER UNDER A SEPARATE

1.2 DEMOLITION A. REQUIREMENTS FOR BUILDING REUSE: 1. MAINTAIN EXISTING BUILDING STRUCTURE (INCLUDING STRUCTURAL FLOOR AND ROOF DECKING) AND ENVELOPE (EXTERIOR SKIN AND FRAMING, EXCLUDING WINDOW ASSEMBLIES AND NONSTRUCTURAL ROOFING MATERIAL) NOT INDICATED TO BE DEMOLISHED; DO NOT DEMOLISH SUCH EXISTING CONSTRUCTION BEYOND INDICATED LIMITS. MAINTAIN EXISTING INTERIOR NONSTRUCTURAL ELEMENTS (INTERIOR WALLS,

DEMOLISHED; DO NOT DEMOLISH SUCH EXISTING CONSTRUCTION BEYOND INDICATED LIMITS. B. MAINTAIN SERVICES/SYSTEMS INDICATED TO REMAIN AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS. BEFORE PROCEEDING WITH DEMOLITION, PROVIDE TEMPORARY SERVICES/SYSTEMS THAT BYPASS AREA OF SELECTIVE DEMOLITION AND THAT MAINTAIN CONTINUITY OF SERVICES/SYSTEMS TO OTHER PARTS OF THE BUILDING.

UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS SERVING AREAS TO

DOORS, FLOOR COVERINGS, AND CEILING SYSTEMS) NOT INDICATED TO BE

BE SELECTIVELY DEMOLISHED. D. PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN E. PROTECT WALLS, CEILINGS, FLOORS, AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN. ERECT AND MAINTAIN DUSTPROOF PARTITIONS. COVER AND

C. LOCATE, IDENTIFY, SHUT OFF, DISCONNECT, AND SEAL OR CAP OFF INDICATED

F. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. G. PROMPTLY REMOVE DEMOLITION WASTE MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM. DO NOT BURN DEMOLISHED MATERIALS.

H. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS

EXISTING BEFORE DEMOLITION OPERATIONS BEGAN.

CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION

PROTECT FURNITURE, FURNISHINGS, AND EQUIPMENT THAT HAVE NOT BEEN

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SHEET TITLE

PROJECT SPECIFICATIONS (1 OF 3)

# SECTION 038114 - CONCRETE SLAB CUTTING AND REMEDIATION

A. WORK OF THIS SECTION INCLUDES CUTTING OF CONCRETE GRADE SLABS, AND PREPARATION FOR NEW CONCRETE PLACEMENT.

A. CONCRETE FILL AND VAPOR RETARDER MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 033053 - MISCELLANEOUS CONCRETE WORK A. PRIOR TO CUTTING SLABS, LOCATE REINFORCING AND BURIED UTILITIES BY

SCANNING WITH APPROPRIATE INSTRUMENTATION SUCH AS X RAY, GROUND PIERCING RADAR, M-SCOPE OR OTHER SUITABLE METHOD. B. ENGAGE A QUALIFIED UTILITY LOCATING AGENCY HAVING A MINIMUM OF 5 YEARS EXPERIENCE IN CONCRETE SCANNING SERVICES TO PERFORM THIS WORK

A. CUTTING OF SLAB ON GRADE: SAW CUT AREA TO BE REMOVED TO A DEPTH OF 1-1/2 INCHES. COMPLETE REMOVAL OF SLAB USING AIR TOOLS 1. REMOVE DEBRIS AND CAREFULLY CUT AND PEEL BACK A MINIMUM 12 INCH STRIP OF EXISTING VAPOR RETARDERS FOR SPLICING IN NEW VAPOR RETARDING

2. FILL AND COMPACT AFTER INSTALLATION OF NEW UNDERSLAB WORK. 3. PLACE FILL MATERIAL 6 INCHES (150 MM) OR LESS IN COMPACTED THICKNESS

4. PLACE FILL MATERIAL THAT EXCEEDS 6 INCHES (150 MM) IN COMPACTED

THICKNESS IN LAYERS OF EQUAL THICKNESS. 5. COMPACT EACH LAYER OF FILL MATERIAL TO REQUIRED CROSS SECTIONS AND THICKNESSES TO NOT LESS THAN 95 PERCENT OF MAXIMUM DRY DENSITY ACCORDING TO ASTM D 698. 6. REPLACE REMOVED SLAB REINFORCING WITH SAME TYPE AND SIZE OF THAT REMOVED. DRILL SLAB EDGE TO EMBED REINFORCING STEEL OR LAP

7. INSTALL VAPOR RETARDER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS, OVERLAPPING EXISTING VAPOR RETARDER BY 6 INCHES..

B. PLACE NEW REINFORCING AND CONCRETE IN ACCORDANCE WITH SECTION 03

0130 – MINOR CONCRETE WORK. 1.6 INSTALLATION A. IN ACCORDANCE WITH SECTION 033053 - MISCELLANEOUS CONCRETE WORK SECTION 06 10 53061053 - MISCELLANEOUS ROUGH CARPENTRY

A. COAT EDGES OF CUT CONCRETE WITH CONCRETE BONDING AGENT.

1.1 WOOD PRODUCTS A. LUMBER: PROVIDE DRESSED LUMBER, S4S, MARKED WITH GRADE STAMP OF

INSPECTION AGENCY. B. FIRE-RETARDANT-TREATED MATERIALS: COMPLY WITH PERFORMANCE

REQUIREMENTS IN AWPA C20. 1. USE INTERIOR TYPE A UNLESS OTHERWISE INDICATED. 2. IDENTIFY WITH APPROPRIATE CLASSIFICATION MARKING OF A TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. 3. PROVIDE FIRE-RETARDANT TREATED MATERIALS FOR ITEMS INDICATED ON

DRAWINGS. MAXIMUM MOISTURE CONTENT: 15 PERCENT. NTERIOR PARTITION FRAMING: CONSTRUCTION, STUD, OR NO. 3: EASTERN SOFTWOODS: NELMA: NORTHERN SPECIES: NLGA: MIXED SOUTHERN PINE: SPIB:

OR WESTERN WOODS: WCLIB OR WWPA. E. EXPOSED BOARDS: EASTERN WHITE, IDAHO WHITE, LODGEPOLE, PONDEROSA, OR SUGAR PINE, PREMIUM OR 2 COMMON (STERLING): NELMA, NLGA, WCLIB, OR WWPA; WITH 15 PERCENT MAXIMUM MOISTURE CONTENT.

F. CONCEALED BOARDS: EASTERN SOFTWOODS, NO. 3 COMMON; NELMA: NORTHERN SPECIES, NO. 3 COMMON: NLGA; MIXED SOUTHERN PINE, NO. 2: SPIB; OR WESTERN WOODS, STANDARD: WCLIB; OR NO. 3 COMMON: WWPA; WITH 15

PERCENT MAXIMUM MOISTURE CONTENT. G. MISCELLANEOUS LUMBER: CONSTRUCTION, 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,

(19-MM) NOMINAL THICKNESS. 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 153/A 153M. J. POWER-DRIVEN FASTENERS: CABO NER-272.

EXTERIOR, C-C PLUGGED, FIRE-RETARDANT TREATED, NOT LESS THAN 3/4-INCH

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 OTHER CONSTRUCTION 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

A SAMPLES SHOWING COLORS, TEXTURES, AND PATTERNS AVAILABLE FOR EACH

C. SHOP DRAWINGS A. QUALITY STANDARD: ARCHITECTURAL WOODWORK INSTITUTE'S "ARCHITECTURAL WOODWORK STANDARDS.

B PRODUCT DATA FOR ALL PRODUCTS NOT NAMED IN THE CONTRACT DOCUMENTS

A. HARDBOARD: AHA A135.4.

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-

FORMAL DEHYDE. D. SOFTWOOD PLYWOOD: DOC PS 1. E. HARDWOOD PLYWOOD AND FACE VENEERS: HPVA HP-1, MADE WITH ADHESIVE CONTAINING NO UREA FORMALDEHYDE.

F. THERMOSET 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 ISSFA-2.

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 ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION AND WITH FIRE-TEST-RESPONSE CHARACTERISTICS SPECIFIED AS DETERMINED BY TESTING IDENTICAL PRODUCTS PER TEST METHOD INDICATED BY A QUALIFIED TESTING AGENCY 1. IDENTIFY FIRE-RETARDANT-TREATED MATERIALS WITH APPROPRIATE

CLASSIFICATION MARKING OF QUALIFIED TESTING AGENCY IN THE FORM OF

REMOVABLE PAPER LABEL OR IMPRINT ON SURFACES THAT WILL BE CONCEALED FROM VIEW AFTER INSTALLATION. B. FIRE-RETARDANT-TREATED LUMBER AND PLYWOOD: PRODUCTS WITH A FLAME-SPREAD INDEX OF 25 OR LESS WHEN TESTED ACCORDING TO ASTM E 84, WITH NO EVIDENCE OF SIGNIFICANT PROGRESSIVE COMBUSTION WHEN THE TEST IS EXTENDED AN ADDITIONAL 20 MINUTES, AND WITH THE FLAME FRONT NOT EXTENDING MORE THAN 10.5 FEET (3.2 M) BEYOND THE CENTERLINE OF THE BURNERS AT ANY TIME DURING THE TEST. 1. KILN DRY LUMBER AND PLYWOOD AFTER TREATMENT TO A MAXIMUM

MOISTURE CONTENT OF 19 AND 15 PERCENT, RESPECTIVELY. 1.4 CABINET HARDWARE AND ACCESSORY MATERIALS A. FRAMELESS CONCEALED HINGES (EUROPEAN TYPE): BHMA A156.9, B01602, 135 DEGREES OF OPENING, SELF-CLOSING. HINGE CUP SHALL BE EXPANSION TYPE OR SECURED TO DOOR WITH

INSERTION DOWELS 2. USE "CLIP" TYPE HINGE MOUNTING SECURED TO CABINET BODY WITH 5MM DIAMETER EURO SCREWS B. PULLS: UNLESS NOTED OTHERWISE, PROVIDE THE FOLLOWING

1. WIRE PULLS, BACK MOUNTED, SOLID METAL, 3 INCHES (76 MM) LONG, 5/16 INCH (8 MM) IN C. ADJUSTABLE SHELF SUPPORTS: NICKEL PLATED STEEL PINS, 5MM WITH HOLD

D. DRAWER SLIDES FOR SOLID WOOD DRAWER ASSEMBLIES: BHMA A156.9, B05091. 1. BOX DRAWER SLIDES: GRADE 1. SIDE MOUNTED; FULL-EXTENSION TYPE; ZINC-PLATED-STEEL BALL-BEARING SLIDES

2. BOX FILE DRAWER SLIDES: GRADE 1HD-100 SIDE MOUNTED; FULL-OVERTRAVEL-EXTENSION TYPE; ZINC-PLATED-STEEL BALL-BEARING SLIDES. PENCIL DRAWER SLIDES: GRADE 2. E. DRAWER LOCKS: BHMA A156.11. E07041

F. GROMMETS FOR CABLE PASSAGE THROUGH COUNTERTOPS: 3-INCH (76-MM) OD. MOLDED-PLASTIC GROMMETS AND MATCHING PLASTIC CAPS WITH SLOT FOR WIRE PASSAGE G. EXPOSED HARDWARE FINISHES: COMPLY WITH BHMA A156.18 FOR BHMA CODE NUMBER INDICATED.

 FINISH: SATIN CHROME: BHMA 626 OR BHMA 652 UNLESS NOTED OTHERWISE ON DRAWINGS H. FURRING, BLOCKING, SHIMS, AND HANGING STRIPS: SOFTWOOD OR HARDWOOD LUMBER, KILN DRIED TO 15 PERCENT MOISTURE CONTENT.

1.5 INTERIOR WOODWORK-GENERAL A. COMPLETE FABRICATION TO MAXIMUM EXTENT POSSIBLE BEFORE SHIPMENT TO PROJECT SITE. DISASSEMBLE COMPONENTS ONLY AS NECESSARY FOR SHIPMENT AND INSTALLATION. WHERE NECESSARY FOR FITTING AT SITE, PROVIDE AMPLE ALLOWANCE FOR SCRIBING, TRIMMING, AND FITTING.

B. BACKOUT OR GROOVE BACKS OF FLAT TRIM MEMBERS AND KERF BACKS OF OTHER WIDE, FLAT MEMBERS, EXCEPT FOR MEMBERS WITH ENDS EXPOSED IN

C. INTERIOR STANDING AND RUNNING TRIM FOR TRANSPARENT FINISH: CUSTOM GRADE, MADE FROM SPECIES INDICATED ON THE DRAWINGS. D. INTERIOR STANDING AND RUNNING TRIM FOR OPAQUE FINISH: CUSTOM GRADE,

MADE FROM ANY CLOSED-GRAIN HARDWOOD. A. FLUSH WOOD PANELING FOR TRANSPARENT FINISH: PREMIUM GRADE. WOOD SPECIES: AS INDICATED ON DRAWINGS.

MATCHING OF ADJACENT VENEER LEAVES: BOOK UNLESS INDICATED OTHERWISE MATCH. VENEER MATCHING WITHIN PANEL FACE: CENTER-BALANCE MATCH. 4. PANEL MATCHING: MATCH PANELS WITHIN EACH AREA BY USING

SEQUENCE-MATCHED, UNIFORM SIZE-SETS. 1.7 CABINET CONSTRUCTION A. WOOD CABINETS FOR TRANSPARENT FINISH: PREMIUM GRADE.

AWI TYPE OF CABINET CONSTRUCTION: FLUSH OVERLAY WOOD SPECIES AND CUT FOR EXPOSED SURFACES: AS INDICATED. 3. GRAIN DIRECTION: VERTICALLY FOR DRAWER FRONTS, DOORS, AND FIXED PANELS OR AS INDICATED.

MATCHING OF VENEER LEAVES: BOOK MATCH. 5. VENEER MATCHING WITHIN PANEL FACE: CENTER-BALANCE MATCH. 6. SEMIEXPOSED SURFACES OTHER THAN DRAWER BODIES: COMPATIBLE

SPECIES TO THAT INDICATED FOR EXPOSED SURFACES, STAINED TO MATCH. DRAWER SIDES AND BACKS: SOLID-HARDWOOD LUMBER. 8. DRAWER BOTTOMS: HARDWOOD PLYWOOD. B. PLASTIC-LAMINATE CABINETS: CUSTOM GRADE. 1. AWI TYPE OF CABINET CONSTRUCTION: FLUSH OVERLAY UNLESS

OTHERWISE INDICATED. 2. LAMINATE CLADDING: HORIZONTAL SURFACES OTHER THAN TOPS, HGS; POSTFORMED SURFACES, HGP; VERTICAL SURFACES, HGS; EDGES, HGS OR PVC TAPE, 0.018 INCH (0.460 MM) THICK MATCHING LAMINATE CLADDING; SEMIEXPOSED SURFACES, THERMOSET DECORATIVE PANELS. 3. GRAIN /PATTERN DIRECTION: VERTICALLY FOR DRAWER FRONTS, DOORS,

AND FIXED PANELS OR AS INDICATED. C. DRAWER ASSEMBLY: ONE OF THE FOLLOWING: SOLID HARDWOOD

EPOXY OR POWDER COATED STEEL SIDES WITH INTEGRAL SELF-CLOSING DRAWER SLIDES, BUILT-IN FRONT BUMPERS, AND THERMOSET DECORATIVE PANEL BACK. 100 LB. DUTY RATING. BASIS OF DESIGN: GRASS AMERICA"

3. USE SOLID WOOD ASSEMBLY FOR LATERAL FILES. 4. DRAWER BOTTOMS: THERMOSET DECORATIVE PANELS. 1.8 COUNTERTOPS

A. PLASTIC-LAMINATE COUNTERTOPS: CUSTOM GRADE 1. LAMINATE GRADE: HGS FOR FLAT COUNTERTOPS, HGP FOR POST-FORMED COUNTERTOPS. GRAIN DIRECTION: PARALLEL TO CABINET FRONTS. 3. EDGE TREATMENT: HGS OR PVC TAPE, 2 MM THICK MATCHING LAMINATE

CI ADDING 4. CORE MATERIAL AT SINKS: EXTERIOR-GRADE PLYWOOD ORMEDIUM-DENSITY FIBERBOARD MADE WITH EXTERIOR GLUE, CONFORMING TO ANSI A208.2. MR50 DESIGNATION. GEORGIA PACIFIC ULTRASTOCK MR OR EQUAL

B. SOLID-SURFACING MATERIAL COUNTERTOPS: PREMIUM GRADE 1. SOLID-SURFACING MATERIAL THICKNESS: AS INDICATED. 2. FABRICATE TOPS IN ONE PIECE WITH SHOP-APPLIED BACKSPLASHES AND

3. INSTALL INTEGRAL SINK BOWLS IN COUNTERTOPS IN SHOP.

1.9 SHOP FINISHING OF INTERIOR ARCHITECTURAL WOODWORK A. FINISHES: SAME GRADES AS ITEMS TO BE FINISHED.

B. FINISH ARCHITECTURAL WOODWORK AT THE FABRICATION SHOP; DEFER ONLY FINAL TOUCH UP UNTIL AFTER INSTALLATION. APPLY ONE COAT OF SEALER OR PRIMER TO CONCEALED SURFACES OF WOODWORK. APPLY TWO COATS TO BACK OF PANELING AND TO END-GRAIN

2. APPLY A VINYL 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 WIPE OFF EXCESS. TINT FILLER TO MATCH STAINED WOOD. C. TRANSPARENT FINISH: AWI FINISH SYSTEM CATALYZED POLYURETHANE.

1.10 SHELVING AND CLOTHES RODS A. SHELVING: MELAMINE-FACED PARTICLEBOARD WITH APPLIED-PVC FRONT EDGE UNLESS NOTED OTHERWISE. B. CLOTHES RODS: 1-5/16-INCH- (33-MM-) DIAMETER, CHROME-PLATED-STEEL TUBES. C. SHELF BRACKETS WITH ROD SUPPORT: BHMA A156.16, B04051; PRIME-PAINTED

D. 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.

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 SHIMS. INSTALL LEVEL AND PLUMB (INCLUDING TOPS) TO A TOLERANCE OF 1/8 INCH IN 96 INCHES (3 MM IN 2400 MM).

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 FINE FINISHING NAILS FOR 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 MAXIMUM LENGTH OF LUMBER AVAILABLE) TO GREATEST EXTENT POSSIBLE. DO NOT USE PIECES LESS THAN 36 INCHES (900 MM) LONG, EXCEPT WHERE SHORTER SINGLE-LENGTH PIECES ARE NECESSARY. SCARF RUNNING JOINTS AND STAGGER IN ADJACENT AND RELATED

G. ANCHOR PANELING TO SUPPORTS WITH CONCEALED PANEL-HANGER CLIPS AND BY BLIND NAILING ON BACK-UP STRIPS, SPLINED-CONNECTION STRIPS, AND SIMILAR ASSOCIATED TRIM AND FRAMING. H. CABINETS: INSTALL SO DOORS AND DRAWERS ARE ACCURATELY ALIGNED.

ADJUST HARDWARE TO CENTER DOORS AND DRAWERS IN OPENINGS AND TO PROVIDE UNENCUMBERED 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 SIZED FOR 1-INCH (25-MM) PENETRATION INTO WOOD FRAMING, BLOCKING, OR HANGING STRIPS OR NO. 10 WAFER-HEAD SHEET METAL SCREWS THROUGH METAL BACKING OR METAL FRAMING BEHIND WALL FINISH. ANCHOR COUNTERTOPS SECURELY TO BASE UNITS. SEAL SPACE BETWEEN BACKSPLASH AND WALL.

SECTION 07 21 00 - INSULATION

SPREAD INDEX OF 25 OR LESS.

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. SMOKED-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-

A. VAPOR RETARDER: FIRE-RETARDANT, REINFORCED POLYETHYLENE, 6 MILS (0.15 1. VAPOR PERMEANCE: 0.0403 PERMS ACCORDING TO ASTM E 96, PROCEDURE

2. SURFACE BURNING CHARACTERISTICS: FOLLOWING ACCORDING TO ASTM E 3. FLAME SPREAD: CLASS A, NO GREATER THAN 25. 1.3 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

PLACE LOOSE-FILL INSULATION TO COMPLY WITH ASTM C 1015. D. COMPLY WITH THE CIMA'S SPECIAL REPORT #3, "STANDARD PRACTICE FOR INSTALLING CELLULOSE INSULATION."

E. EXTEND VAPOR RETARDER TO EXTREMITIES OF AREAS TO BE PROTECTED FROM VAPOR TRANSMISSION. SECURE IN PLACE WITH ADHESIVES OR OTHER ANCHORAGE. LOCATE SEAMS AT FRAMING MEMBERS, OVERLAP, AND SEAL WITH

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.

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. A. WHERE REQUIRED, PROVIDE FIRE-RESISTIVE JOINT SYSTEMS THAT ARE

PRODUCED AND INSTALLED TO RESIST SPREAD OF FIRE ACCORDING 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 1966 OR UL 2079: 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/S X M) OF JOINT AT 0.30 INCH WG (74.7 PA) 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.

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 DURING THEIR APPLICATION AND IN POSITION NEEDED TO PRODUCE CROSS-SECTIONAL SHAPES AND DEPTHS REQUIRED TO ACHIEVE FIRE RATINGS INDICATED.

D. INSTALL FILL MATERIALS FOR FIRE-RESISTIVE JOINT SYSTEMS BY PROVEN TECHNIQUES 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. DESIGNATION OF APPLICABLE TESTING AGENCY.

4. DATE OF INSTALLATION. MANUFACTURER'S NAME. 6. INSTALLER'S NAME.

SECTION 07 92 00 - JOINT SEALANTS

1.1 ACTION SUBMITTALS

A. PRODUCT DATA AND SHOP DRAWINGS.

A. SEALANT FOR USE IN INTERIOR JOINTS IN CERAMIC TILE AND OTHER HARD SURFACES IN TOILET ROOMS AND AROUND PLUMBING FIXTURES:

 SINGLE-COMPONENT, MILDEW-RESISTANT SILICONE SEALANT, ASTM C 920 TYPE S: GRADE NS: CLASS 25: FOR USE NT: 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 OP,

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.

A. COMPLY WITH ASTM C 1193.

B. APPLYAT 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

A. COLD-ROLLED STEEL SHEETS: ASTM A 1008/A 1008M, SUITABLE FOR EXPOSED APPLICATIONS B. HOT-ROLLED STEEL SHEETS: ASTM A 1011/A 1011M, FREE OF SCALE, PITTING, OR SURFACE DEFECTS C. FRAME ANCHORS: ASTM A 591/A 591M, 40Z (12G) COATING DESIGNATION; MILL

D. INSERTS, BOLTS, AND FASTENERS: HOT-DIP GALVANIZED ACCORDING TO ASTM A 153/A 153M. 1.3 HOLLOW METAL DOORS AND FRAMES A. FIRE-RATED 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 B. SMOKE-CONTROL DOOR ASSEMBLIES: COMPLY WITH NFPA 105 OR UL 1784. DOORS: COMPLYING WITH ANSI 250.8 FOR LEVEL AND MODEL AND ANSI A250.4 FOR PHYSICAL-ENDURANCE LEVEL INDICATED, 1-3/4 INCHES (44 MM) THICK UNLESS OTHERWISE INDICATED.

1. INTERIOR DOORS: LEVEL 1 AND PHYSICAL PERFORMANCE LEVEL C (STANDARD DUTY), MODEL 2 (SEAMLESS). 2. HARDWARE REINFORCEMENT: FABRICATE ACCORDING TO ANSI/SDI A250.6 WITH REINFORCEMENT PLATES FROM SAME MATERIAL AS DOOR FACE

1. STEEL SHEET THICKNESS FOR INTERIOR DOORS: 0.042 INCH (1.0 MM). 2. FABRICATE INTERIOR FRAMES WITH MITERED OR COPED AND CONTINUOUSLY WELDED CORNERS 3. HARDWARE REINFORCEMENT: FABRICATE ACCORDING TO ANSI/SDI A250.6 WITH REINFORCEMENT PLATES FROM SAME MATERIAL AS FRAMES.

4. FRAME ANCHORS: NOT LESS THAN 0.042 INCH (1.0 MM) THICK.

FRAMES: ANSI A250.8: CONCEAL FASTENINGS UNLESS OTHERWISE INDICATED.

ON SECURE SIDE OF INTERIOR DOORS; SCREW-APPLIED, REMOVABLE, GLAZING STOPS ON INSIDE, FABRICATED FROM SAME MATERIAL AS DOOR FACE SHEET IN WHICH THEY ARE INSTALLED. F. DOOR LOUVERS: SIGHT PROOF PER SDI 111C.

GLAZING STOPS: NONREMOVABLE STOPS ON OUTSIDE OF EXTERIOR DOORS AND

1. FIRE-RATED AUTOMATIC LOUVERS: ACTUATED BY FUSIBLE LINKS AND LISTED AND G. DOOR SILENCERS: THREE ON STRIKE JAMBS OF SINGLE-DOOR FRAMES AND TWO ON HEADS OF DOUBLE-DOOR FRAMES.

I. PREPARE DOORS AND FRAMES TO RECEIVE MORTISED AND CONCEALED HARDWARE ACCORDING TO ANSI A250.6 AND ANSI A115 SERIES STANDARDS. REINFORCE DOORS AND FRAMES TO RECEIVE SURFACE-APPLIED HARDWARE. K. PRIME FINISH: MANUFACTURER'S STANDARD. FACTORY-APPLIED COAT OF LEAF AND CHROMATE-FREE PRIMER COMPLYING WITH ANSI/SDI A250.10 ACCEPTANCE

H. GROUT GUARDS: PROVIDE WHERE MORTAR MIGHT OBSTRUCT HARDWARE

1.4 INSTALLATION A. INSTALL HOLLOW METAL FRAMES TO COMPLY WITH ANSI/SDI A250.11. FIRE-RATED FRAMES: INSTALL ACCORDING TO NFPA 80.

B. INSTALL DOORS TO PROVIDE CLEARANCES BETWEEN DOORS AND FRAMES AS INDICATED IN ANSI/SDI A250.11. PRIME-COAT TOUCHUP: IMMEDIATELY AFTER ERECTION, SAND SMOOTH RUSTED OR DAMAGED AREAS OF PRIME COAT AND APPLY TOUCHUP OF COMPATIBLE AIR-

DRYING RUST-INHIBITIVE PRIMER. SECTION 08 14 16 - FLUSH WOOD DOORS

A. FINISH SAMPLES, PRODUCT DATA. FOR ALL PRODUCTS NOT NAMED IN THE

CONTRACT DOCUMENTS 1.1 DOOR CONSTRUCTION, GENERAL A QUALITY STANDARD: WDMA I.S.1-A. 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. WDMA I.S.1-A PERFORMANCE GRADE: HEAVY DUTY UNLESS OTHERWISE INDICATED. 2. EXTRA HEAVY DUTY: PUBLIC TOILETS EXITS PATIENT ROOMS AND WHERE

3. STANDARD DUTY: CLOSETS (NOT INCLUDING JANITOR'S CLOSETS) PRIVATE PARTICLEBOARD-CORE DOORS: PROVIDE BLOCKING IN PARTICLEBOARD CORES OR PROVIDE STRUCTURAL COMPOSITE LUMBER CORES INSTEAD OF PARTICLEBOARD CORES FOR DOORS WITH EXIT DEVICES OR PROTECTION

F. FIRE-PROTECTION-RATED DOORS: PROVIDE CORE SPECIFIED OR MINERAL CORE AS NEEDED TO PROVIDE FIRE-PROTECTION RATING INDICATED. PROVIDE THE FOLLOWING FOR MINERAL-CORE DOORS: 1. COMPOSITE BLOCKING WHERE REQUIRED TO ELIMINATE THROUGH-BOLTING

LAMINATED-EDGE CONSTRUCTION. 3. FORMED-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, PARTICLEBOARD CORES. . FACES: GRADE A AS INDICATED ON DRAWINGS.

B. VENEER MATCHING: BOOK AND BALANCE MATCH.

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

FACES: ANY CLOSED-GRAIN HARDWOOD. C. PLASTIC-LAMINATE-FACED DOORS 1. INTERIOR SOLID-CORE DOORS: CUSTOM GRADE, THREE-PLY, PARTICLEBOARD CORES.

2. EXPOSED VERTICAL EDGES: PLASTIC LAMINATE THAT MATCHES FACES. 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-OPENING SIZES INDICATED AND TO COMPLY

C. CUT AND TRIM OPENINGS TO COMPLY WITH REFERENCED STANDARDS.

WITH CLEARANCES SPECIFIED. B. FACTORY MACHINE DOORS FOR HARDWARE THAT IS NOT SURFACE APPLIED. LOCATE HARDWARE TO COMPLY WITH DHI-WDHS-3.

TRIM LIGHT OPENINGS WITH MOLDINGS INDICATED FACTORY INSTALL GLAZING IN DOORS INDICATED TO BE FACTORY FINISHED. 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

1. SHEEN: SATIN. A. INSTALL DOORS TO COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND WDMA I.S.1-A, AND AS INDICATED.

VARNISH FOR GRADE SPECIFIED FOR DOORS.

INSTALLATION, AS DIRECTED BY ARCHITECT.

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: 1/8 INCH (3.2 MM) AT HEADS, JAMBS, AND BETWEEN PAIRS OF DOORS. 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 DAMAGED DURING 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.

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

. CLOSERS:

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 90 INCHES (2300 MM) OR LESS IN HEIGHT; 4 HINGES FOR DOORS MORE THAN 90 INCHES (2300 MM) IN C. LOCKSETS AND LATCHSETS:

1. MATCH STYLE, SERIES AND MANUFACTURER OF EXISTING BUILDING UNLESS OTHERWISE INDICATED. BHMA A156.2, SERIES 4000, GRADE 1 FOR BORED LOCKS AND LATCHES. BHMA A156.3, GRADE 1 FOR EXIT DEVICES.

EQUIPMENT SERVICES, HEAVY TRIM, GRAB BARS, TOILET ACCESSORIES, 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 NOTE OTHERWISE.

PROVIDE TRIM ON EXIT DEVICES MATCHING LOCKSETS. D. KEYING: COORDINATE KEYING REQUIREMENTS DIRECTLY WITH OWNER OR E. KEY LOCKS TO OWNER'S MASTER-KEY SYSTEM.

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.

H. PROVIDE HARDWARE FINISHES AS FOLLOWS HINGES: MATCHING FINISH OF LOCKSET/LATCHSET. 2. LOCKSETS, LATCHSETS, AS INDICATED.EXIT DEVICES: MATCHING FINISH OF LOCKSET/LATCHSET

G. PROVIDE WALL STOPS OR FLOOR STOPS FOR DOORS WITHOUT CLOSERS.

CLOSERS: MATCHING FINISH OF LOCKSET/LATCHSET. 4. OTHER HARDWARE: MATCHING FINISH OF LOCKSET/LATCHSET. A. MOUNT HARDWARE IN LOCATIONS RECOMMENDED BY THE DOOR AND HARDWARE

INSTITUTE UNLESS OTHERWISE INDICATED.

SECTION 08 80 00 - GLAZING A. SUBMITTALS SAMPLES FOR EACH TYPE OF PATTERNED OR TINTED GLASS

A. 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

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."

D. SAFETY GLAZING LABELING: WHERE SAFETY GLAZING LABELING IS INDICATED.

PERMANENTLY MARK GLAZING WITH CERTIFICATION LABEL OF THE SGCC 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 COMPLIES. 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 (250 DEG C), AND THE FIRE-RESISTANCE RATING IN MINUTES.

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 1 (CLEAR), FORM 3; QUALITY-Q6. D. TEMPERED PATTERNED GLASS: ASTM C 1048, KIND FT (FULLY TEMPERED), TYPE II,

CLASS 1 (CLEAR), FORM 3; QUALITY-Q6. E. LAMINATED GLASS: ASTM C 1172, AND COMPLYING WITH TESTING REQUIREMENTS IN 16 CFR 1201 FOR CATEGORY II MATERIALS.

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,

A. GLAZING SEALANT: NEUTRAL-CURING SILICONE GLAZING SEALANT COMPLYING

B. GLAZING SEALANTS FOR FIRE-RATED GLAZING PRODUCTS: PRODUCTS THAT ARE

WITH ASTM C 920, TYPE S, GRADE NS, CLASS 25, USE NT.

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, DRAW, BOW, AND SIMILAR CHARACTERISTICS. REMOVE NONPERMANENT LABELS, AND CLEAN SURFACES IMMEDIATELY AFTER

SECTION 09 05 61 - COMMON WORK REQUIREMENTS FOR FLOORING PREPARATION

 A. PREINSTALLATION 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.

1.0 PRE-INSTALLATION CONFERENCE

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. REMOVE SUBSTRATE COATINGS AND OTHER SUBSTANCES THAT ARE INCOMPATIBLE WITH ADHESIVES AND THAT CONTAIN SOAP, WAX, OIL, OR SILICONE, USING MECHANICAL METHODS RECOMMENDED BY FLOORING MANUFACTURER.

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 5 OR MORE THAN [9] [10] > PH. MOISTURE TESTING: PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES PASS TESTING ACCORDING TO RESILIENT SHEET FLOORING

MANUFACTURER'S WRITTEN RECOMMENDATIONS, BUT NOT LESS STRINGENT

1). PERFORM ANHYDROUS CALCIUM CHLORIDE TEST ACCORDING TO ASTM F 1869. PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES HAVE MAXIMUM MOISTURE-VAPOR-EMISSION RATE OF [3 LB OF WATER/1000 SQ. FT. (1.36 KG OF WATER/92.9 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 [75] < INSERT NUMBER > 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 SUBSTRATE.

SECTION 09 22 16 - NON-STRUCTURAL METAL FRAMING

A. STEEL FRAMING MEMBERS, GENERAL: ASTM C 754.

UNCOATED BASE-METAL THICKNESS.

1.2 METAL FRAMING AND SUPPORTS

HUNG SYSTEM

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

2. PROTECTIVE COATING: MANUFACTURER'S STANDARD CORROSION-RESISTANT ZINC COATING. B. SUSPENDED CEILING AND SOFFIT FRAMING: WIRE HANGERS: ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER, AND 0.162-INCH (4.12-MM) DIAMETER.

2. GRID SUSPENSION SYSTEM FOR INTERIOR CEILINGS: INTERLOCKING, DIRECT-

1. STEEL SHEET COMPONENTS: ASTM C 645. THICKNESS SPECIFIED IS MINIMUM

C. PARTITION AND SOFFIT FRAMING: STUDS AND RUNNERS: IN DEPTH INDICATED AND: WITH THE FOLLOWING MINIMUM THICKNESSES:

1 25 GA/18 MILS AT TYPICAL PARTITIONS. 2 20 GA/30 MILS AT ALL INTERIOR DOOR FRAME AND WINDOW FRAME

3 20 GA/30 MILS AT ALL LOCATIONS OF WALL CABINETS. 4. 18 GA/43 MILS STUDS AT CEMENT BOARD AT ALL WALLS TO RECEIVE TILE.

5 20 GA/30 MILS BOTTOM RUNNER. 6 2" MINIMUM DEEP-LEG TOP TRACK UNLESS OTHERWISE NOTED; MATCH THICKNESS OF PARTITION STUD. 7 FLAT STRAP AND BACKING: 0.0296 INCH (0.752 MM) THICK.

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

1.4 INSTALLATION A. INSTALL STEEL FRAMING TO COMPLY WITH ASTM C 754 AND WITH ASTM C 840 REQUIREMENTS THAT APPLY TO FRAMING INSTALLATION AND WITH UNITED STATES GYPSUM'S "GYPSUM CONSTRUCTION HANDBOOK." B. INSTALL SUPPLEMENTARY FRAMING, AND BLOCKING TO SUPPORT FIXTURES,

FURNISHINGS, OR SIMILAR CONSTRUCTION. . ISOLATE STEEL FRAMING FROM BUILDING STRUCTURE. EXCEPT AT FLOOR. TO PREVENT TRANSFER OF LOADING IMPOSED BY STRUCTURAL MOVEMENT.

D. FIRE-RESISTANCE-RATED ASSEMBLIES: COMPLY WITH REQUIREMENTS OF LISTED ASSEMBLIES. E. UNLESS NOTED OTHERWISE INSTALL PARTITION STUDS AT 16 INCHES O.C.

SECTION 09 29 16 - GYPSUM BOARD ASSEMBLIES

COMPLYING WITH ASTM C 834.

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

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 SECTIION 09 30 1. CEMENTITIOUS BACKER UNITS: ANSI A118.9, 5/8 IN. THICK AT WALLS, 1/4 IN. AT

2. ACRYLIC COATED GLASS-MAT, WATER-RESISTANT BACKER BOARD:

B. INTERIOR GYPSUM BOARD: ASTM C 36/C 36M OR ASTM C 1396/C 1396M, IN

HAVING AN ASTM D 3273 MOLD RESISTANCE SCORE OF 10 AS RATED ACCORDING TO ASTM D 3274. 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.

ASTM C 1178/C 1178M, WITH MANUFACTURER'S STANDARD EDGES, AND

 PROVIDE CORNERBEAD AT OUTSIDE CORNERS UNLESS OTHERWISE PROVIDE LC-BEAD (J-BEAD) AT EXPOSED PANEL EDGES. PROVIDE CONTROL JOINTS WHERE INDICATED.

B. JOINT-TREATMENT MATERIALS: ASTM C 475/C 475M.

1. JOINT TAPE: PAPER UNLESS OTHERWISE RECOMMENDED BY PANEL JOINT COMPOUNDS: SETTING-TYPE TAPING COMPOUND AND DRYING-TYPE, READY-MIXED, COMPOUNDS FOR TOPPING 3. SKIM COAT: FOR FINAL COAT OF LEVEL 5 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-

FIBER/ROCK-WOOL-FIBER, UNFACED; NOMINAL DENSITY OF 2.5 LB/CU. FT. (64

KG/CU. M), WITH FLAME-SPREAD INDEX OF 25 OR LESS A. INSTALL GYPSUM BOARD TO COMPLY WITH ASTM C 840.

SEPARATELY TO SUPPORTS WITH SCREWS.

TAPE, FASTENERS, AND TRIM FLANGES.

MASONRY WORK. PROVIDE EDGE TRIM AND ACOUSTICAL SEALANT. . SINGLE-LAYER FASTENING METHODS: FASTEN GYPSUM PANELS TO SUPPORTS WITH SCREWS. 3. MULTILAYER FASTENING METHODS: FASTEN BASE LAYERS AND FACE LAYER

1. ISOLATE GYPSUM BOARD ASSEMBLIES FROM ABUTTING STRUCTURAL AND

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

B. INSTALL CEMENTITIOUS BACKER UNITS TO COMPLY WITH ANSI A108.11.

2. AT SUBSTRATES FOR TILE, PROVIDE LEVEL 2 FINISH: EMBED TAPE AND APPLY SEPARATE FIRST COAT OF JOINT COMPOUND TO TAPE, FASTENERS, AND TRIM 3. UNLESS OTHERWISE INDICATED, PROVIDE LEVEL 4 FINISH: EMBED TAPE AND APPLY SEPARATE FIRST, FILL, AND FINISH COATS OF JOINT COMPOUND TO

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.

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CONSULTANTS



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

XX/XX/XX XX/XX/XX

MARK DATE DESCRIPTION

SHEET TITLE

PROJECT SPECIFICATIONS (2 OF 3)

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

B. SAMPLES: 24" X 24" WITH SELECTED GROUT FOR EACH TYPA AND COLOR D. FOR EACH INSTALLATION METHOD, SUBMIT A COPY OF THE APPLICABLE TCNA METHOD MARKED UP LINE BY LINE INDICATING WHICH MATERIALS AND OPTIONS ARE BEING USED. ANNOTATE WITH ADDITIONAL MATERIALS REQUIRED BYL SPECIFICATION OR FIELD CONDITIONS.

1.1 INFORMATION SUBMIOTTALS 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 AND THAT ARE PACKAGED WITH PROTECTIVE COVERING FOR STORAGE AND IDENTIFIED WITH LABELS DESCRIBING CONTENTS. 1. TILE AND TRIM UNITS: FURNISH QUANTITY OF FULL-SIZE UNITS EQUAL TO 3 PERCENT OF AMOUNT INSTALLED FOR EACH TYPE, COMPOSITION, COLOR, PATTERN, AND SIZE INDICATED.

A. INSTALLER IS A FIVE-STAR MEMBER OF THE NATIONAL TILE CONTRACTORS ASSOCIATION.

B. INSTALLER'S SUPERVISOR FOR PROJECT HOLDS THE INTERNATIONAL MASONRY INSTITUTE'S FOREMAN CERTIFICATION. C. INSTALLER EMPLOYS CERAMIC TILE EDUCATION FOUNDATION CERTIFIED

1.2 PERFORMANCE STANDARDS

A. TILE STANDARDS: COMPLY WITH ANSI A137.1 STANDARD SPECIFICATION FOR CERAMIC TILE AND ANSI 108 SERIES OF TILE INSTALLATION STANDARDS INCLUDED UNDER "AMERICAN NATIONAL STANDARD SPECIFICATIONS FOR THE INSTALLATION OF CERAMIC TILE." B. INSTALLATION GUIDELINES: TCNA "HANDBOOK FOR CERAMIC TILE INSTALLATION";

A. TILE PRODUCT SELECTIONS AND TRIM ACCESSORIES ARE SCHEDULED ON THE

B. TRIM SHAPES: SAME MATERIAL, SIZE, COLOR, AND TEXTURE AS FIELD TILE UNLESS SHOWN OTHERWISE.

COMPLY WITH TCNA INSTALLATION METHODS INDICATED.

C. TILE BACKER BOARD: AS SPECIFIED IN GYPSUM BOARD ASSEMBLIES THRESHOLDS: AS SCHEDULED ON THE DRAWINGS . SETTING MATERIALS: PROVIDE SETTING MATERIALS AS FOLLOWS:

1. THIN-SET POLYMER MODIFIED MORTAR: MATERIALS COMPLYING WITH ANSI A 118.4, NON-SAG WITH INTEGRAL ANTIMICROBIAL ADDITIVE 2. THIN-SET MORTAR FOR GLASS TILE: DRY SET COMPLYING WITH ANSI A118.1 WITH ACRYLIC ADDITIVE.

F. GROUTING MATERIALS: 1. WATER CLEANABLE CHEMICAL-RESISTANT EPOXY GROUT: ANSI A118.3.

G. ELASTOMERIC SEALANTS 1. WALL JOINTS: ONE-PART MILDEW-RESISTANT SILICONE SEALANTS: ASTM C 920, TYPE S, GRADE NS, CLASS 25.

2. FLOOR JOINTS: MULTIPART URETHANE SEALANTS: ASTM C 920, TYPE M, GRADE P, CLASS 25. H. UNCOUPLING MEMBRANE: COMPLYING WITH ANSI A118.12AND ASTM C627 EXTRA HEAVY RATING. SCHLUTER DITRA

WATERPROOFING MEMBRANE: CHLORINATED POLYETHYLENE OR PVC SHEET FACED BOTH SIDES WITH NONWOVEN POLESTER FABRIC WITH A MINIMUM THICKNESS OF 0.04 INCHES. ). PROVIDE A COMPLETE WATERPROOFING SYSTEM BY A SINGLE MANUFACTURER THAT COMPLIES WITH MANUFACTURER'S LIFETIME WARRANTY REQUIREMENTS, INCLUDING COMPATIBLE MORTAR AND GROUT

J. CRACK ISOLATION MEMBRANE: FABRIC-REINFORCED, FLUID-APPLIED SYSTEM CONSISTING OF LIQUID-LATEX RUBBER OR ELASTOMERIC POLYMER AND FABRIC

A. COMPLY WITH ANSI A108.1 AND 108.4 THROUGH A108.10, AS APPLICABLE FOR TYPE

OF TILE, SETTING MATERIALS, GROUT, AND METHODS OF INSTALLATION INDICATED. COMPLY WITH MANUFACTURER'S INSTRUCTIONS FOR APPLICATION OF PROPRIETARY MATERIALS. 1.4. TILE INSTALLATION SHEDULE: A. CONCRETE FLOORS, DRY AREAS: TCNA F115, F115A- WITH DECOUPLING OR CRACK

ISOLATION (FULL COVERAGE) MEMBRANE. PROVIDE CRACK ISOLATION MEMBRANE TYPICAL; USE DECOUPLING MEMBRANE WHERE TILE DIMENSION EQUALS OR EXCEEDS 15 INCHES IN ANY DIMENSION.

B, CONCRETE FLOORS WITH DRAINS: TCNA F-115, F115A, THINSET MORTAR OVER WATERPROOF MEMBRANE. USE WATERPROOFED DECOUPLING MEMBRANE WHERE TILE DIMENSION EQUALS OR EXCEEDS 15 INCHES IN ANY DIMENSION. C. RECESSED CONCRETE FLOORS, DRY AREAS: TCNA F114 REINFORCED MORTAR BED

WITH CLEAVAGE MEMBRANE. USE DECOUPLING MEMBRANE WHERE TILE DIMENSION EQUALS OR EXCEEDS 15 INCHES IN ANY DIMENSION. D. RECESSED CONCRETE FLOORS, WITH DRAINS: TCNA F121 REINFORCED MORTAR BED WITH BONDED WATERPROOFING MEMBRANE BELOW MORTAR BED AND FULL 1.2 FLOOR TILE COVERAGE CRACK CONTROL MEMBRANE BELOW TILE.. USE DECOUPLING

MEMBRANE WHERE TILE DIMENSION EQUALS OR EXCEEDS 15 INCHES IN ANY DIMENSION. E. DRYWALL PARTITIONS: TCNA W-248; THINSET MORTAR ON GLASS MAT WATER RESISTANT GYPSUM BOARD.

F. SHOWER AND TUB SURROUND WALLS AT PREFABRICATED SHOWER PAN: TCNA B412/W244C OR B419/W245 (THINSET MORTAR ON WATERPROOFING MEMBRANE OVER APPLICABLE BACER BOARD.. G. TILED SHOWER WALL WITH TILED SHOWER PAN INSTALLATION: TCNA B421 OR B422

WITH W244C(CEMENT BOARD) OR B421 OR B422 WITH W245 (COATED GLASS-MAT GYPSUM BOARD) - THINSET MORTAR ON WATERPROOFING MEMBRANE AND

SECTION 09 51 13 - ACOUSTICAL PANEL CEILINGS

1.0 ACTION SUBMITTALS A. SUBMITTAL SAMPLES.

A. FIRE-RESISTANCE-RATED ASSEMBLIES: WHERE FIRE RATED ASSEMBLIES ARE INDICATED, 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. SEISMIC STANDARD: PROVIDE ACOUSTICAL PANEL CEILINGS DESIGNED AND

INSTALLED TO WITHSTAND THE EFFECTS OF EARTHQUAKE MOTIONS ACCORDING TO THE FOLLOWING: 1. CISCA'S RECOMMENDATIONS FOR ACOUSTICAL CEILINGS: COMPLY WITH CISCA'S "RECOMMENDATIONS FOR DIRECT-HUNG ACOUSTICAL TILE AND LAY-IN PANEL CEILINGS - SEISMIC ZONES 0-2."

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. COLOR: WHITE UNLESS NOTED OTHERWISE. B. ATTACHMENT DEVICES: SIZED FOR 5 TIMES THE DESIGN LOAD INDICATED IN

ASTM C 635, TABLE 1, DIRECT HUNG, UNLESS OTHERWISE INDICATED. COMPLY WITH SEISMIC DESIGN REQUIREMENTS. WIRE HANGERS, BRACES, AND TIES: ZINC-COATED CARBON-STEEL WIRE; ASTM A 641/A 641M, CLASS 1 ZINC COATING, SOFT TEMPER.

1. SIZE: PROVIDE YIELD STRENGTH AT LEAST 3 TIMES THE HANGER DESIGN LOAD (ASTM C 635, TABLE 1, DIRECT HUNG), BUT NOT LESS THAN 0.106-INCH-(2.69-MM-) DIAMETER WIRE.

A. CEILING SUSPENSION SYSTEM INSTALLATION: COMPLY WITH ASTM C 636 AND CISCA'S "CEILING SYSTEMS HANDBOOK." 1. FIRE-RATED ASSEMBLY: INSTALL FIRE-RATED CEILING SYSTEMS ACCORDING TO TESTED FIRE-RATED DESIGN. B. INSTALL ACOUSTICAL PANELS WITH UNDAMAGED EDGES AND FIT ACCURATELY

INTO SUSPENSION SYSTEM RUNNERS AND EDGE MOLDINGS. SCRIBE AND CUT PANELS AT BORDERS AND PENETRATIONS TO PROVIDE A NEAT, PRECISE FIT. . ARRANGE DIRECTIONALLY PATTERNED ACOUSTICAL PANELS AS INDICATED ON

SECTION 09 65 13 - RESILIENT BASE AND ACCESSORIES

1.0 ACTION SUBMITTALS A. SAMPLES.

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

A. COLOR AND PATTERN: AS INDICATED. B. ASTM F 1861, TYPE TV (VINYL) TYPE TS (RUBBER, VULCANIZED THERMOSET) OR TP 1.0 ACTION SUBMITTALS (RUBBER, THERMOPLASTIC). TYPICAL UNLESS NOTED OTHERWISE

ASTM F 1861, TYPE TV (VINYL) ONLY WHERE INDICATED. GROUP (MANUFACTURING METHOD): I (SOLID). E. STYLE: AS INDICATED.

. MINIMUM THICKNESS: 0.125 INCH (3.2 MM). G. HEIGHT: AS INDICATED. H. OUTSIDE CORNERS: JOB FORMED.

 INSIDE CORNERS: MITERED. J. FINISH: AS SELECTED.

1.3 MOLDING ACCESSORY A. COLOR: AS SELECTED.

B. MATERIAL: RUBBER UNLESS NOTED OTHERWISE. C. PROFILE AND DIMENSIONS: AS INDICATED.

1.4 INSTALLATION ACCESSORIES

A. TROWELABLE LEVELING AND PATCHING COMPOUNDS: LATEX-MODIFIED, PORTLAND CEMENT- OR BLENDED HYDRAULIC CEMENT-BASED FORMULATION PROVIDED OR APPROVED BY FLOORING MANUFACTURER FOR APPLICATIONS

B. ADHESIVES: WATER-RESISTANT TYPE RECOMMENDED BY MANUFACTURER TO SUIT PRODUCTS AND SUBSTRATE CONDITIONS.

SUBSTRATES ARE DRY AND FREE OF CURING COMPOUNDS, SEALERS, AND

1.5 INSTALLATION A. PREPARE CONCRETE SUBSTRATES ACCORDING TO ASTM F 710. VERIFY THAT

B. ADHESIVELY INSTALL RESILIENT WALL BASE AND ACCESSORIES. INSTALL WALL BASE IN MAXIMUM LENGTHS POSSIBLE. APPLY TO WALLS, COLUMNS, PILASTERS, CASEWORK, AND OTHER PERMANENT FIXTURES IN ROOMS

OR AREAS WHERE BASE IS REQUIRED. D. INSTALL REDUCER STRIPS AT EDGES OF FLOOR COVERINGS THAT WOULD OTHERWISE BE EXPOSED.

SECTION 09 65 19 - RESILIENT TILE FLOORING

B. TEST REPORTS AS REQUIRED BY SECTION 09 05 61

LESS THAN 0.45 W/SQ. CM PER ASTM E 648.

LESS THAN 0.45 W/SQ. CM PER ASTM E 648.

1.4 THICKNESS AND SIZE AS INDICATED: INSTALLATION ACCESSORIES

C. THICKNESS AND SIZE: AS INDICATED.

ARE AT LEAST ONE-HALF OF A TILE.

COVERING FOR STORAGE.

B. TEST REPPORTS AS REQUIRED BY SECTION 09 05 61

1. AS INDICATED IN THE FINISH LEGEND

SECTION 09 68 103 - CARPETING

1.0 ACTION SUBMITTALS

A. PRODUCTS:

A. COMPLY WITH CRI 104.

C. INSTALLATION METHOD

SECTION 09 91 00 - PAINTING

AND SEALED.

B. SAMPLES.

2.1 INSTALLATION

A. SAMPLES.

A. EXTRA MATERIALS: DELIVER TO OWNER ONE BOX FOR EVERY 50 BOXES OR

FRACTION THEREOF, OF EACH TYPE AND COLOR OF RESILIENT FLOOR TILE

B. FIRE-TEST RESPONSE: CRITICAL RADIANT FLUX CLASSIFICATION OF CLASS I, NOT

PORTLAND CEMENT- OR BLENDED HYDRAULIC CEMENT-BASED FORMULATION

PROVIDED OR APPROVED BY FLOORING MANUFACTURER FOR APPLICATIONS

B. ADHESIVES: WATER-RESISTANT TYPE RECOMMENDED BY MANUFACTURER TO

A. PREPARE CONCRETE SUBSTRATES ACCORDING TO ASTM F 710. VERIFY THAT

SUBSTRATES ARE DRY AND FREE OF CURING COMPOUNDS, SEALERS, AND

B. EXAMINE SUBSTRATES, AREAS, AND CONDITIONS, WITH INSTALLER PRESENT, FOR

C. LAY OUT TILES SO TILE WIDTHS AT OPPOSITE EDGES OF ROOM ARE EQUAL AND

D. MATCH TILES FOR COLOR AND PATTERN BY SELECTING TILES FROM CARTONS IN

A. EXTRA MATERIALS: DELIVER TO OWNER CARPET TILES EQUAL TO 5 PERCENT OF

B. CRITICAL RADIANT FLUX CLASSIFICATION: NOT LESS THAN 0.45 W/SQ. CM PER

B. EXAMINE SUBSTRATES, AREAS, AND CONDITIONS, WITH INSTALLER PRESENT, FOR

1. TILE CARPETING: PARTIAL GLUE DOWN; INSTALL PERIODIC TILES WITH

D. MAINTAIN UNIFORMITY OF CARPET DIRECTION AND LAY OF PILE. AT DOORWAYS, CENTER SEAMS UNDER DOOR IN CLOSED POSITION. BIND OR SEAL CUT EDGES AS

A. PRODUCT DATA INCLUDE PRINTOUT OF MPI'S "MPI APPROVED PRODUCTS LIST"

A. EXTRA MATERIALS: DELIVER TO OWNER 1 GAL. (3.8 L) OF EACH COLOR AND TYPE

A. MPI STANDARDS: PROVIDE MATERIALS THAT COMPLY WITH MPI STANDARDS

B. MATERIAL COMPATIBILITY: PROVIDE MATERIALS THAT ARE COMPATIBLE WITH

1. FOR EACH COAT IN A PAINT SYSTEM, PROVIDE PRODUCTS RECOMMENDED IN

C. USE PAINTS AND COATINGS THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC

WRITING BY MANUFACTURERS OF TOPCOAT FOR USE IN PAINT SYSTEM AND

INDICATED AND LISTED IN ITS "MPI APPROVED PRODUCTS LIST."

OF FINISH COAT PAINT USED ON PROJECT, IN CONTAINERS, PROPERLY LABELED

AND OTHER CONDITIONS AFFECTING CARPET PERFORMANCE

RELEASABLE, PRESSURE-SENSITIVE ADHESIVE.

SHEET CARPETING: DIRECT GLUE-DOWN.

RECOMMENDED BY CARPET MANUFACTURER.

E. INSTALL BORDERS PARALLEL TO WALLS.

ONE ANOTHER AND WITH SUBSTRATES.

ON SUBSTRATE INDICATED.

COMPLIANCE WITH MANUFACTURER'S REQUIREMENTS FOR MAXIMUM MOISTURE

CONTENT, ALKALINITY RANGE, ADHESION TESTING, INSTALLATION TOLERANCES,

EACH TYPE AND COLOR CARPET TILE INSTALLED, PACKAGED WITH PROTECTIVE

COMPLIANCE WITH MANUFACTURER'S REQUIREMENTS FOR MAXIMUM MOISTURE

CONTENT, ALKALINITY RANGE, ADHESION TESTING, INSTALLATION TOLERANCES,

SAME SEQUENCE AS MANUFACTURED AND PACKAGED. LAY TILES IN PATTERNS

SUIT RESILIENT PRODUCTS AND SUBSTRATE CONDITIONS INDICATED.

AND OTHER CONDITIONS AFFECTING TILE PERFORMANCE

A. TROWELABLE LEVELING AND PATCHING COMPOUNDS: LATEX-MODIFIED,

1.0 ACTION SUBMITTALS

A. PRODUCTS

1.3 LINOLEUM FLOOR TILE

AS INDICATED.

A. FLOOR TILE: ASTM F 2195.

2. STEEL; LATEX, HIGH PERFORMANCE ARCHITECTURAL, MPI #141 1.3 PREPARATION A. COMPLY WITH RECOMMENDATIONS IN MPI'S "MPI ARCHITECTURAL PAINTING

INDICATED ON FINISH SCHEDULE.

WALL LATEX PAINTS: 11 G/L

ODOR/VOC, MPI #149.

D. COLORS: AS SCHEDULED.

F. PRIMERS:

G. TOPCOATS:

2 FLAT PAINTS AND COATINGS: 50 G/L.

NONFLAT PAINTS, COATINGS: 150 G/L.

4. PRIMERS, SEALERS, AND UNDERCOATERS: 200 G/L.

E. BLOCK FILLER: LATEX, INTERIOR/EXTERIOR: MPI #4.

1. PRIMER, QUICK DRY, FOR ALUMINUM, MPI #95.

PRIMER, LATEX, FOR INTERIOR WOOD, MPI #39.

3. PRIMER SEALER FOR GYPSUM BOARD INSTITUTIONAL LOW

4. PRIMER, RUST-INHIBITIVE, WATER BASED, FOR STEEL MPI #107.

SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED.

B. REMOVE HARDWARE, LIGHTING FIXTURES, AND SIMILAR ITEMS THAT ARE NOT TO BE PAINTED. MASK ITEMS THAT CANNOT BE REMOVED. REINSTALL ITEMS IN EACH AREA AFTER PAINTING IS COMPLETE. C. CLEAN AND PREPARE SURFACES IN AN AREA BEFORE BEGINNING PAINTING IN

1. GYPSUM BOARD WALLS: LATEX, INTERIOR, INSTITUTIONAL LOW ODOR/VOC:

MPI #143, MPI #144, MPI #145 OR, MPI #147 AS APPLICABLE TO GLOSS LEVEL

THAT AREA. SCHEDULE PAINTING SO CLEANING OPERATIONS WILL NOT DAMAGE NEWLY PAINTED SURFACES. 1.4 APPLICATION

A. COMPLY WITH RECOMMENDATIONS IN MPI'S "MPI ARCHITECTURAL PAINTING

SPECIFICATION MANUAL" APPLICABLE TO SUBSTRATES INDICATED. B. PAINT EXPOSED SURFACES, NEW AND EXISTING, UNLESS OTHERWISE INDICATED. 1. PAINT SURFACES BEHIND MOVABLE EQUIPMENT AND FURNITURE SAME AS SIMILAR EXPOSED SURFACES.

2. PAINT SURFACES BEHIND PERMANENTLY FIXED EQUIPMENT OR FURNITURE WITH PRIME COAT ONLY.

PAINT THE BACK SIDE OF ACCESS PANELS. 4. COLOR-CODE MECHANICAL PIPING IN ACCESSIBLE CEILING SPACES. 5. DO NOT PAINT PREFINISHED ITEMS, ITEMS WITH AN INTEGRAL FINISH, OPERATING PARTS, AND LABELS UNLESS OTHERWISE INDICATED. C. APPLY PAINTS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

1. USE BRUSHES ONLY FOR EXTERIOR PAINTING AND WHERE THE USE OF OTHER APPLICATORS IS NOT PRACTICAL. 2. USE ROLLERS FOR FINISH COAT ON INTERIOR WALLS AND CEILINGS. 3. SPRAY FINISH HOLLOW METAL DOORS AND FRAMES

D. APPLY PAINTS TO PRODUCE SURFACE FILMS WITHOUT CLOUDINESS, SPOTTING HOLIDAYS, LAPS, BRUSH MARKS, ROLLER TRACKING, RUNS, SAGS, ROPINESS, OR OTHER SURFACE IMPERFECTIONS. CUT IN SHARP LINES AND COLOR BREAKS. IF UNDERCOATS OR OTHER CONDITIONS SHOW THROUGH TOPCOAT, APPLY ADDITIONAL COATS UNTIL CURED FILM HAS A UNIFORM PAINT FINISH, COLOR,

AND APPEARANCE. E. APPLY STAINS AND TRANSPARENT FINISHES TO PRODUCE SURFACE FILMS WITHOUT COLOR IRREGULARITY, CLOUDINESS, HOLIDAYS, LAP MARKS, BRUSH MARKS, RUNS, ROPINESS, OR OTHER IMPERFECTIONS. USE MULTIPLE COATS TO PRODUCE A SMOOTH SURFACE FILM OF EVEN LUSTER.

1.5 INTERIOR PAINT APPLICATION SCHEDULE

A. CONCRETE MASONRY UNITS: 1. LATEX: TWO COATS OVER LATEX BLOCK FILLER.

B. STEEL: LATEX: TWO COATS OVER PRIMER.

C. ALUMINUM: 1. LATEX: TWO COATS OVER QUICK-DRYING PRIMER FOR ALUMINUM. D. DRESSED LUMBER: INCLUDING ARCHITECTURAL WOODWORK DOORS.

1. LATEX: TWO COATS OVER PRIMER: E. GYPSUM BOARD: LATEX: TWO COATS OVER PRIMER/SEALER.

SECTION 09720 - WALL COVERINGS

1.0 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 255/UL 723. IDENTIFY WALL COVERINGS WITH APPROPRIATE MARKINGS OF APPLICABLE TESTING AND

INSPECTING ORGANIZATION. B. VINYL WALL COVERING: FLAME SPREAD: 25 OR LESS. SMOKE DEVELOPED: 50 OR

C. TEXTILE WALL COVERING: FLAME SPREAD: 75 OR LESS. SMOKE DEVELOPED: 450

1.2 MATERIALS A. PRODUCT SELECTIONS ARE INDICATED ON THE DRAWINGS B. VINYL WALL COVERING: PROVIDE INTEGRALLY PIGMENTED, OPAQUE VIRGIN VINYL CALENDARED FILM VINYL WALL COVERING MATERIAL TREATED WITH MILDEW AND ANTIMICROBIAL ADDITIVES AND LAMINATED TO SUITABLE BACKING. COMPLY WITH FS CCC-W-408A, TYPE II CLASS 1, AND CFFA W-101A. C. TEXTILE WALL COVERINGS: PROVIDE TEXTILE WALL FABRIC AFFIXED TO SUITABLE B. FIRE-TEST RESPONSE: CRITICAL RADIANT FLUX CLASSIFICATION OF CLASS I, NOT

BACKING, AND COMPLYING WITH REQUIREMENTS OF ASTM F 793, CATEGORY III, DECORATIVE WITH MEDIUM SERVICEABILITY. PROVIDE MATERIAL WHICH HAS BEEN TREATED FOR STAIN AND MILDEW RESISTANCE. D. ADHESIVES: MANUFACTURER'S STANDARD FOR USE WITH SPECIFIC WALL COVERING AND SUBSTRATE APPLICATION. MILDEW-RESISTANT, NONSTAINING,

STRIPPABLE, AND IN COMPLIANCE WITH LOCAL APPLICABLE VOC REGULATIONS.

1.3 INSTALLATION

A. FOLLOW MANUFACTURER'S PRINTED INSTRUCTIONS FOR SURFACE PREPARATION. PREPARE SUBSTRATES TO ACHIEVE A SMOOTH, DRY, CLEAN SURFACE FREE OF FLAKING, UNSOUND COATINGS, CRACKS, AND DEFECTS. B. CHECK PAINTED SURFACES FOR PIGMENT BLEEDING AND TREAT SUSCEPTIBLE

AREAS. SAND GLOSS, SEMI-GLOSS, AND EGGSHELL FINISHES WITH FINE C. FOLLOW MANUFACTURER'S PRINTED INSTRUCTIONS FOR INSTALLATION. INSTALL WALL COVERING WITH NO GAPS OR OVERLAPS. MATCH PATTERNS AND SHADING

D. INSTALL BUTT SEAMS VERTICAL AND PLUMB AT LEAST 6 INCHES FROM OUTSIDE CORNERS AND 3 INCHES FROM INSIDE CORNERS. NO HORIZONTAL SEAMS. E. REMOVE AIR BUBBLES, WRINKLES, BLISTERS, AND OTHER DEFECTS. TRIM EDGES

FOR COLOR UNIFORMITY, PATTERN MATCH, AND TIGHT CLOSURE AT SEAMS.

SECTION 10 28 13 - TOILET ACCESSORIES

A. MANUFACTURER'S PRODUCT DATA FOR EACH TOILET ACCESSORY INDICATED ON THE DRAWINGS.

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

1.2 INSTALLATION A. INSTALL TOILET ACCESSORY UNITS ACCORDING TO MANUFACTURERS' PRINTED INSTALLATION INSTRUCTIONS, USING FASTENERS APPROPRIATE TO SUBSTRATE AS RECOMMENDED BY MANUFACTURER. INSTALL UNITS PLUMB AND LEVEL, FIRMLY ANCHORED IN LOCATIONS AND AT HEIGHTS INDICATED. B. SCHEDULE OF TOILET ACCESSORIES:

. PROVIDE THESE OR COMPARABLE PRODUCTS FROM SPECIFIED MANUFACTURERS IF THEY MEET OR EXCEED THIS STANDARD OF QUALITY:

GRAB BARS, HORIZONTAL/VERTICAL SATIN FINISH: B-6206. STAINLESS STEEL FRAMED MIRROR: B-2908.

#### **SECTION 10 44 13 - FIRE EXTINGUISHER CABINETS**

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

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

WHERE THEY ARE INSTALLED. B. COORDINATE SIZE OF FIRE PROTECTION CABINETS TO ENSURE THAT TYPE AND CAPACITY OF FIRE EXTINGUISHERS INDICATED ARE ACCOMMODATED. C. CABINET TYPE: SUITABLE FOR FIRE EXTINGUISHER.

1.2 CABINET CONSTRUCTION: A. NONRATED TYPICAL; PROVIDE FIRE RATED CONSTRUCTION MATCHING WALL

RATING WHERE INDICATED. B. BAKED ENAMEL STEEL CABINET WITH #4 POLISHED STAINLESS STEEL DOOR AND

C. VERTICAL DUO PANEL DOOR WITH CLEAR FLOAT GLASS WINDOW. D. IDENTIFY FIRE EXTINGUISHER IN FIRE PROTECTION CABINET WITH THE WORDS "FIRE EXTINGUISHER." APPLY LETTERS VERTICALLY WITH WHITE SILKSCREENING. SEMIRECESSED CABINET BOX PARTIALLY RECESSED IN WALLS OF SUFFICIENT DEPTH TO SUIT STYLE OF TRIM INDICATED; WITH ONE-PIECE COMBINATION TRIM

AND PERIMETER DOOR FRAME OVERLAPPING SURROUNDING WALL SURFACE WITH EXPOSED TRIM FACE AND WALL RETURN AT OUTER EDGE (BACKBEND). SQUARE-EDGE TRIM: 1-1/4- TO 1-1/2-INCH (32- TO 38-MM) BACKBEND DEPTH.

ADA COMPLIANT H. FIRE-RATED CABINETS: CONSTRUCT FIRE-RATED CABINETS WITH DOUBLE WALLS FABRICATED FROM 0.0428-INCH- (1.1-MM-) THICK, COLD-ROLLED STEEL SHEET

LINED WITH MINIMUM 5/8-INCH- (16-MM-) THICK, FIRE-BARRIER MATERIAL. DOOR HARDWARE: MANUFACTURER'S STANDARD DOOR-OPERATING HARDWARE OF PROPER TYPE FOR CABINET TYPE, TRIM STYLE, AND DOOR MATERIAL AND STYLE INDICATED.

PROVIDE MANUFACTURER'S STANDARD BOX (TUB), WITH TRIM, FRAME, DOOR, AND HARDWARE TO SUIT CABINET TYPE, TRIM STYLE, AND DOOR STYLE INDICATED. MITER AND WELD JOINTS AND GRIND SMOOTH. 1.3 INSTALLATION

A. INSTALL FIRE PROTECTION CABINETS IN LOCATIONS AND AT MOUNTING HEIGHTS

HAVING JURISDICTION.

INDICATED OR, IF NOT INDICATED, AT HEIGHTS ACCEPTABLE TO AUTHORITIES

211 WEST 7TH ST, RICHMOND, VIRGINIA 23224

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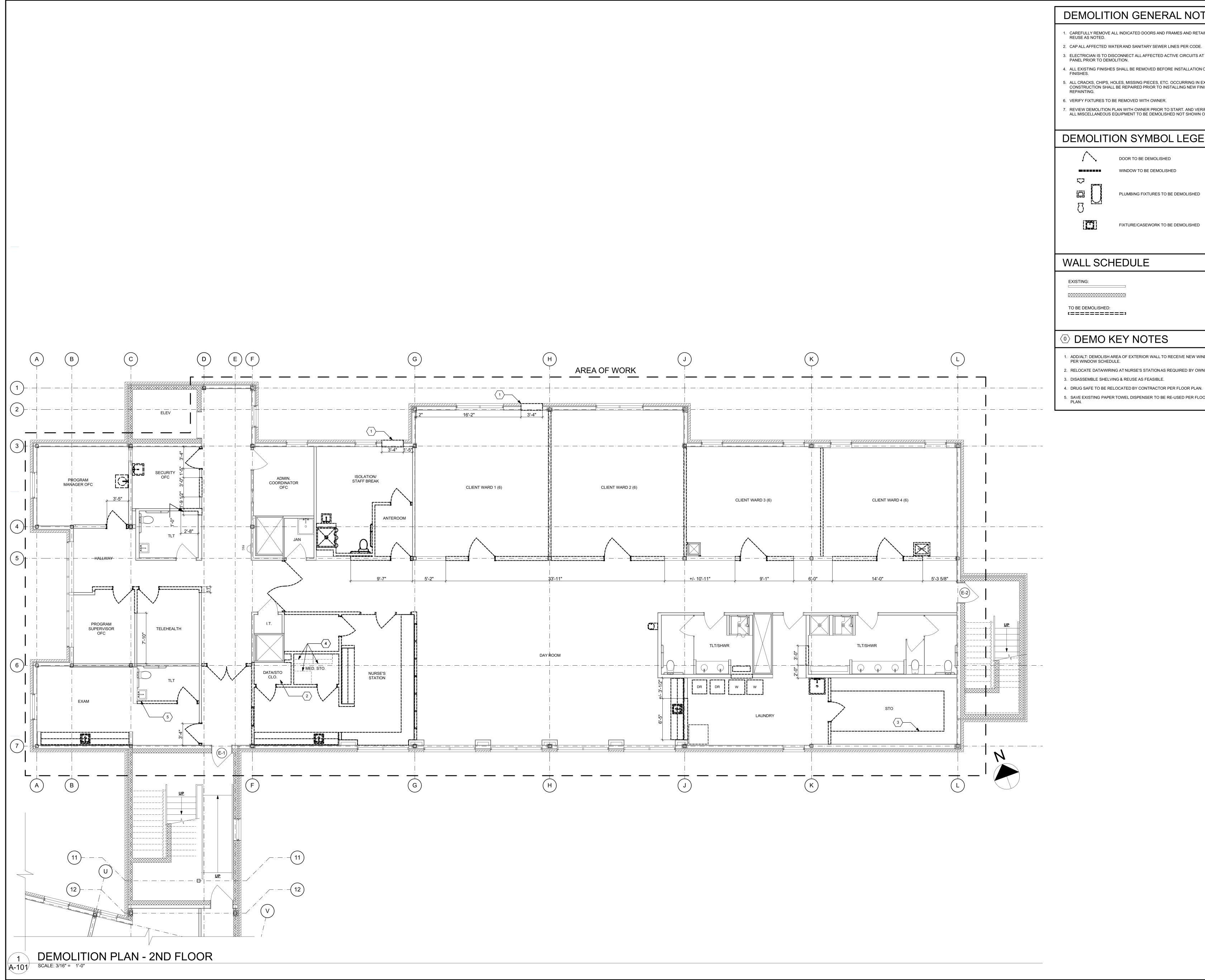
MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR F

SHEET TITLE

PROJECT NO: 21056.00

START DATE: 11/02/2021

PROJECT SPECIFICATIONS (3 OF 3)



## DEMOLITION GENERAL NOTES

- 1. CAREFULLY REMOVE ALL INDICATED DOORS AND FRAMES AND RETAIN FOR REUSE AS NOTED.
- 2. CAP ALL AFFECTED WATER AND SANITARY SEWER LINES PER CODE.
- 3. ELECTRICIAN IS TO DISCONNECT ALL AFFECTED ACTIVE CIRCUITS AT THE PANEL PRIOR TO DEMOLITION.
- 4. ALL EXISTING FINISHES SHALL BE REMOVED BEFORE INSTALLATION OF NEW
- 5. ALL CRACKS, CHIPS, HOLES, MISSING PIECES, ETC. OCCURRING IN EXISTING CONSTRUCTION SHALL BE REPAIRED PRIOR TO INSTALLING NEW FINISHES OR
- 7. REVIEW DEMOLITION PLAN WITH OWNER PRIOR TO START. AND VERIFY WITH ALL MISCELLANEOUS EQUIPMENT TO BE DEMOLISHED NOT SHOWN ON PLAN.

### DEMOLITION SYMBOL LEGEND

DOOR TO BE DEMOLISHED WINDOW TO BE DEMOLISHED PLUMBING FIXTURES TO BE DEMOLISHED

FIXTURE/CASEWORK TO BE DEMOLISHED

#### WALL SCHEDULE

TO BE DEMOLISHED: 

#### ① DEMO KEY NOTES

- I. ADD/ALT: DEMOLISH AREA OF EXTERIOR WALL TO RECEIVE NEW WINDOW PER WINDOW SCHEDULE.
- 2. RELOCATE DATA/WIRING AT NURSE'S STATION AS REQUIRED BY OWNER.
- 3. DISASSEMBLE SHELVING & REUSE AS FEASIBLE.
- 5. SAVE EXISTING PAPER TOWEL DISPENSER TO BE RE-USED PER FLOOR



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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

DEMOLITION PLAN

## LIFE SAFETY GENERAL NOTES

- 1. SEE SHEET A-001 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.

#### **DEAD END CORRIDORS:**

ACTUAL DISTANCE: 16'-3"

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 SSYTEM (CRITERIA #3) 407.4.4.6.1: TOTAL SQUARE FOOTAGE OF CARE SUITE IS 5,649 SQ. FT.

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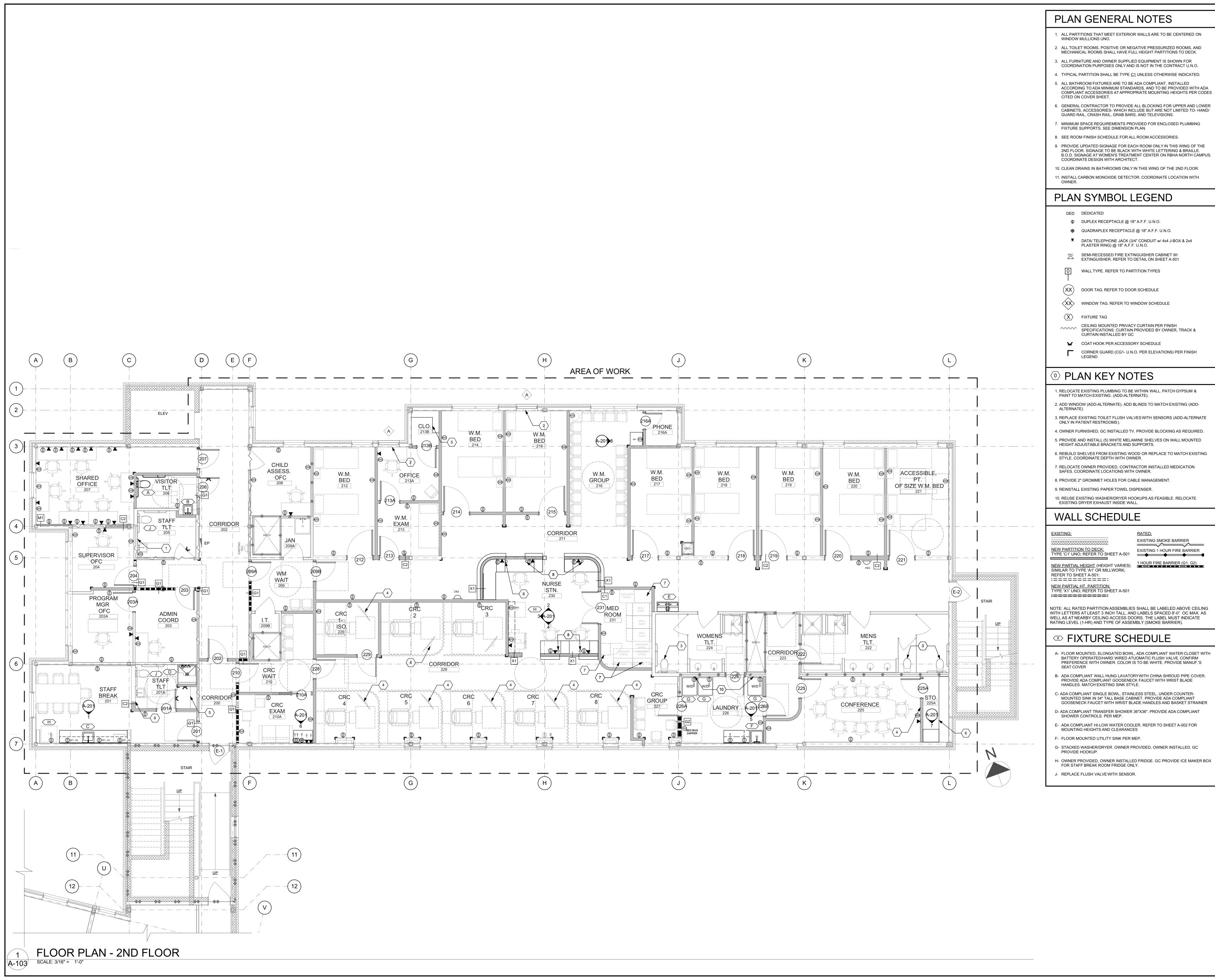
PROJECT NO: 21056.00 MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR START DATE: 11/02/2021

PROJECT MANAGER: JHS PRINCIPAL IN CHARGE: CSS

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SHEET TITLE

LIFE SAFETY PLAN



#### PLAN GENERAL NOTES

- 1. ALL PARTITIONS THAT MEET EXTERIOR WALLS ARE TO BE CENTERED ON WINDOW MULLIONS UNO.
- 2. ALL TOILET ROOMS, POSITIVE OR NEGATIVE PRESSURIZED ROOMS, AND MECHANICAL ROOMS SHALL HAVE FULL HEIGHT PARTITIONS TO DECK.
- 3. ALL FURNITURE AND OWNER SUPPLIED EQUIPMENT IS SHOWN FOR COORDINATION PURPOSES ONLY AND IS NOT IN THE CONTRACT U.N.O. 4. TYPICAL PARTITION SHALL BE TYPE C1 UNLESS OTHERWISE INDICATED. 5. ALL BATHROOM FIXTURES ARE TO BE ADA COMPLIANT, INSTALLED
- COMPLIANT ACCESSORIES AT APPROPRIATE MOUNTING HEIGHTS PER CODES CITED ON COVER SHEET. 6. GENERAL CONTRACTOR TO PROVIDE ALL BLOCKING FOR UPPER AND LOWER
- CABINETS, ACCESSORIES- WHICH INCLUDE BUT ARE NOT LIMITED TO- HAND/ GUARD RAIL, CRASH RAIL, GRAB BARS, AND TELEVISIONS.
- 7. MINIMUM SPACE REQUIREMENTS PROVIDED FOR ENCLOSED PLUMBING FIXTURE SUPPORTS. SEE DIMENSION PLAN.
- 8. SEE ROOM FINISH SCHEDULE FOR ALL ROOM ACCESSORIES. 9. PROVIDE UPDATED SIGNAGE FOR EACH ROOM ONLY IN THIS WING OF THE 2ND FLOOR. SIGNAGE TO BE BLACK WITH WHITE LETTERING & BRAILLE.
- 10. CLEAN DRAINS IN BATHROOMS ONLY IN THIS WING OF THE 2ND FLOOR.

#### PLAN SYMBOL LEGEND

- DED DEDICATED
- □ DUPLEX RECEPTACLE @ 18" A.F.F. U.N.O.
- DATA/ TELEPHONE JACK (3/4" CONDUIT w/ 4x4 J-BOX & 2x4 PLASTER RING) @ 18" A.F.F. U.N.O.
- SEMI-RECESSED FIRE EXTINGUISHER CABINET W/
  EXTINGUISHER. REFER TO DETAIL ON SHEET A-501
- WALL TYPE. REFER TO PARTITION TYPES
- (XX) DOOR TAG. REFER TO DOOR SCHEDULE
- XX WINDOW TAG. REFER TO WINDOW SCHEDULE
- $\langle X \rangle$  FIXTURE TAG
- CEILING MOUNTED PRIVACY CURTAIN PER FINISH SPECIFICATIONS. CURTAIN PROVIDED BY OWNER, TRACK & CURTAIN INSTALLED BY GC
- CORNER GUARD (CG1- U.N.O. PER ELEVATIONS) PER FINISH

#### O PLAN KEY NOTES

- 1. RELOCATE EXISTING PLUMBING TO BE WITHIN WALL. PATCH GYPSUM & PAINT TO MATCH EXISTING. (ADD-ALTERNATE).
- 3. REPLACE EXISTING TOILET FLUSH VALVES WITH SENSORS (ADD-ALTERNATE ONLY IN PATIENT RESTROOMS). 4. OWNER FURNISHED, GC INSTALLED TV. PROVIDE BLOCKING AS REQUIRED.
- 5. PROVIDE AND INSTALL (5) WHITE MELAMINE SHELVES ON WALL MOUNTED HEIGHT ADJUSTABLE BRACKETS AND SUPPORTS. 6. REBUILD SHELVES FROM EXISTING WOOD OR REPLACE TO MATCH EXISTING
- STYLE. COORDINATE DEPTH WITH OWNER. 7. RELOCATE OWNER PROVIDED, CONTRACTOR INSTALLED MEDICATION SAFES. COORDINATE LOCATIONS WITH OWNER.
- 9. REINSTALL EXISTING PAPER TOWEL DISPENSER.
- 10. REUSE EXISTING WASHER/DRYER HOOKUPS AS FEASIBLE. RELOCATE EXISTING DRYER EXHAUST INSIDE WALL.

RATED:

EXISTING SMOKE BARRIER 

EXISTING 1 HOUR FIRE BARRIER

**\*** 

#### WALL SCHEDULE

NEW PARTITION TO DECK:
TYPE 'C1' UNO; REFER TO SHEET A-501 NEW PARTIAL HEIGHT (HEIGHT VARIES)
SIMILAR TO TYPE 'A1' OR MILLWORK;

<u>NEW PARTIAL HT. PARTITION:</u> TYPE 'X1' UNO; REFER TO SHEET A-501

NOTE: ALL RATED PARTITION ASSEMBLIES SHALL BE LABELED ABOVE CEILING WITH LETTERS AT LEAST 3 INCH TALL, AND LABELS SPACED 8'-0" OC MAX. AS WELL AS AT NEARBY CEILING ACCESS DOORS. THE LABEL MUST INDICATE

## **SECOND SECULATION** FIXTURE SCHEDULE

- A- FLOOR MOUNTED, ELONGATED BOWL, ADA COMPLIANT WATER CLOSET WITH BATTERY OPERATED/HARD WIRED ATUOMATIC FLUSH VALVE. CONFIRM PREFERENCE WITH OWNER. COLOR IS TO BE WHITE. PROVIDE MANUF.'S
- B- ADA COMPLIANT WALL HUNG LAVATORY WITH CHINA SHROUD PIPE COVER. PROVIDE ADA COMPLIANT GOOSENECK FAUCET WITH WRIST BLADE HANDLES. MATCH EXISTING SINK STYLE.
- C- ADA COMPLIANT SINGLE BOWL, STAINLESS STEEL, UNDER COUNTER-MOUNTED SINK IN 34" TALL BASE CABINET. PROVIDE ADA COMPLIANT GOOSENECK FAUCET WITH WRIST BLADE HANDLES AND BASKET STRAINER
- D- ADA COMPLIANT TRANSFER SHOWER 36"X36". PROVIDE ADA COMPLIANT
- E- ADA COMPLIANT HI-LOW WATER COOLER. REFER TO SHEET A-002 FOR MOUNTING HEIGHTS AND CLEARANCES
- F- FLOOR MOUNTED UTILITY SINK PER MEP.
- G- STACKED WASHER/DRYER. OWNER PROVIDED, OWNER INSTALLED. GC PROVIDE HOOKUP.
- FOR STAFF BREAK ROOM FRIDGE ONLY. J- REPLACE FLUSH VALVE WITH SENSOR.

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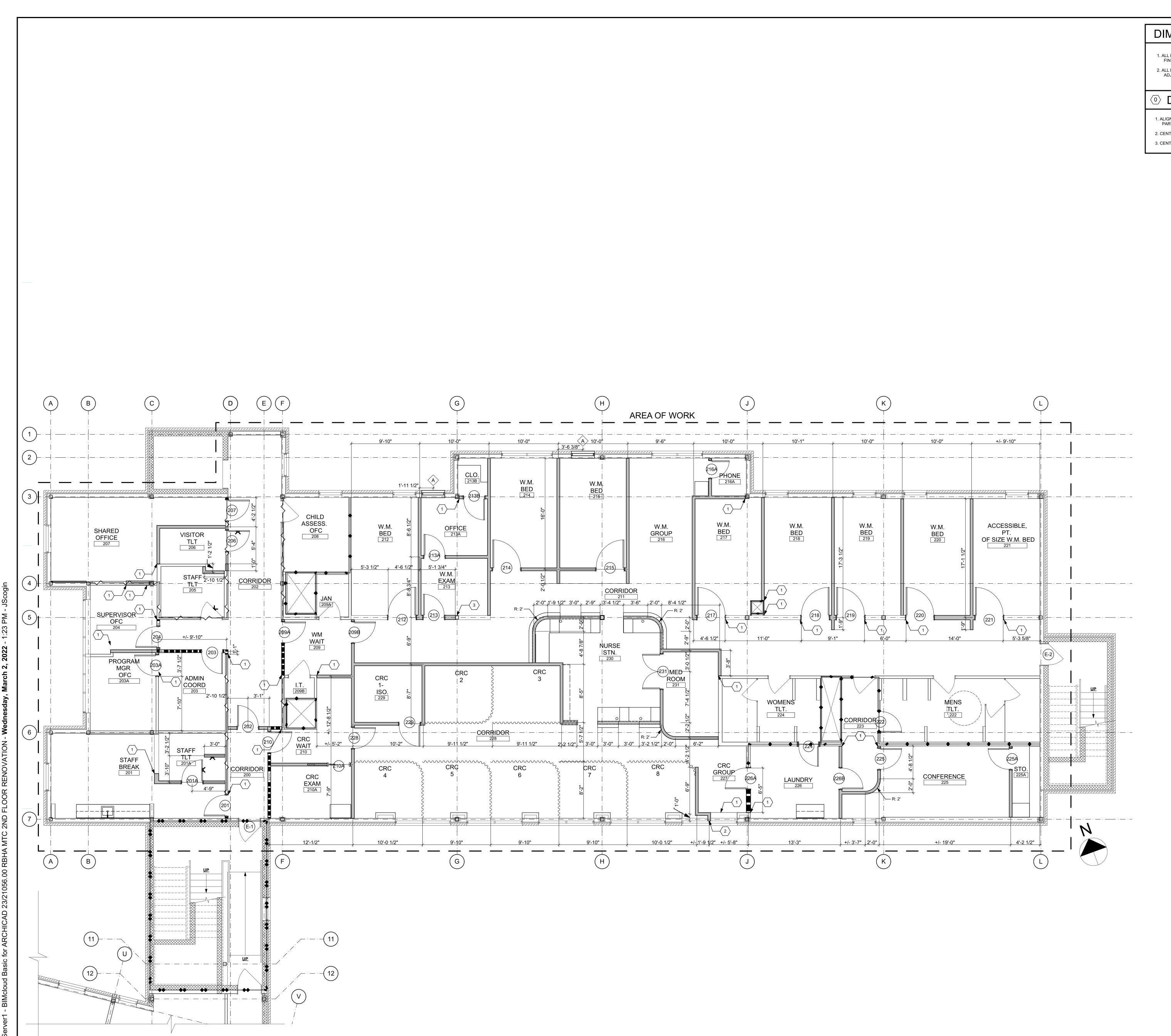


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SHEET TITLE

FLOOR PLAN



DIMENSION PLAN - 2ND FLOOR

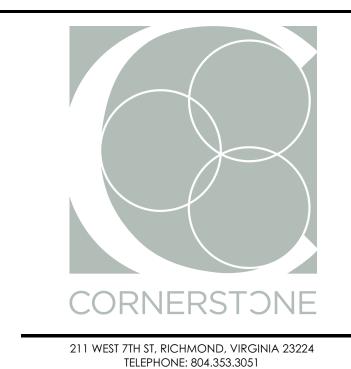
A-104 SCALE: 3/16" = 1'-0"

## DIM. PLAN GENERAL NOTES

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

## O DIM. PLAN KEY NOTES

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



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MRTC 2ND FLOOR RENOVATION

XX/XX/XX XX/XXX
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MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR

START DATE: 11/02/2021

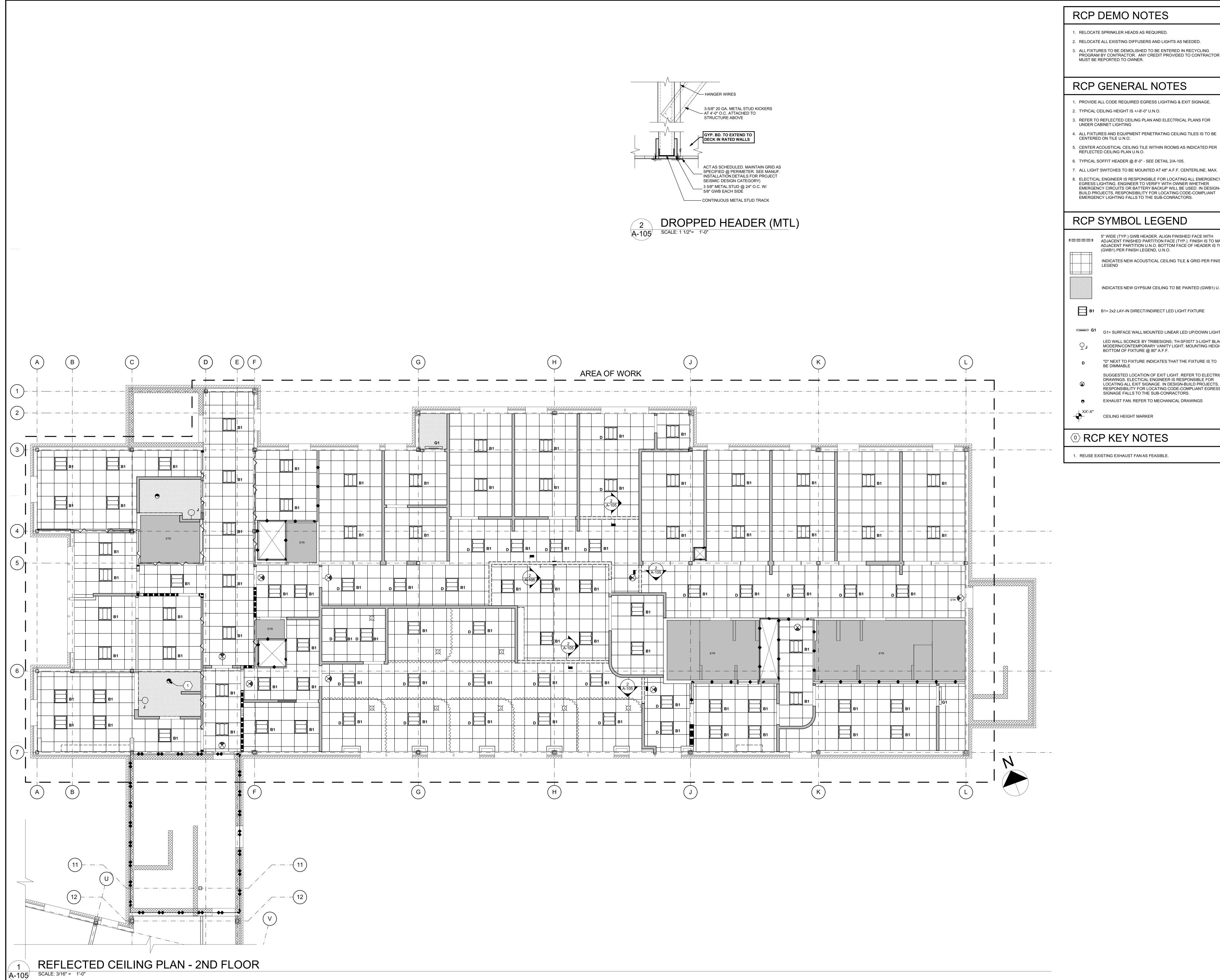
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SHEET TITLE

DIMENSION PLAN



### 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

# RCP GENERAL NOTES

1. PROVIDE ALL CODE REQUIRED EGRESS LIGHTING & EXIT SIGNAGE.

- 2. TYPICAL CEILING HEIGHT IS +/-8'-0" U.N.O.
- 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.
- 8. ELECTICAL 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

#### 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

INDICATES NEW GYPSUM CEILING TO BE PAINTED (GWB1) U.N.O.

B1 B1= 2x2 LAY-IN DIRECT/INDIRECT LED LIGHT FIXTURE

G1= SURFACE WALL MOUNTED LINEAR LED UP/DOWN LIGHT LED WALL SCONCE BY TRIBESIGNS; TH-SF0077 3-LIGHT BLACK MODERN/CONTEMPORARY VANITY LIGHT; MOUNTING HEIGHT, BOTTOM OF FIXTURE @ 80" A.F.F.

- "D" NEXT TO FIXTURE INDICATES THAT THE FIXTURE IS TO
- SUGGESTED LOCATION OF EXIT LIGHT. REFER TO ELECTRICAL DRAWINGS. ELECTICAL ENGINEER IS RESPONSIBLE FOR LOCATING ALL EXIT SIGNAGE. IN DESIGN-BUILD PROJECTS, RESPONSIBILITY FOR LOCATING CODE-COMPLIANT EGRESS SIGNAGE FALLS TO THE SUB-CONRACTORS.
- EXHAUST FAN. REFER TO MECHANICAL DRAWINGS



1. REUSE EXISTING EXHAUST FAN AS FEASIBLE.

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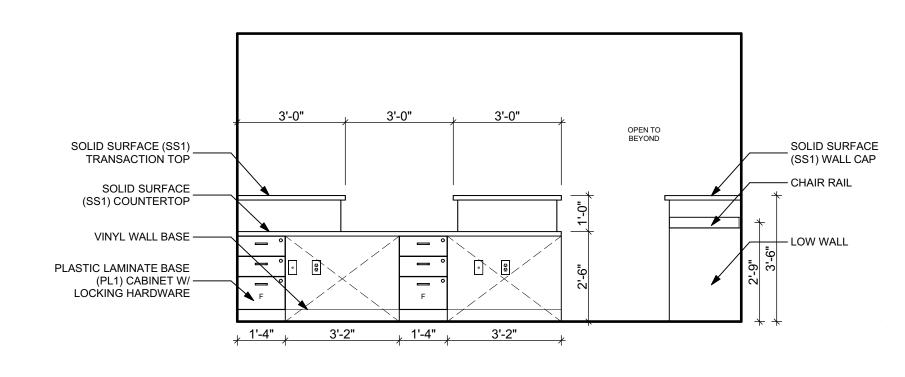
SHEET TITLE

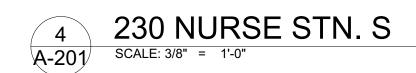
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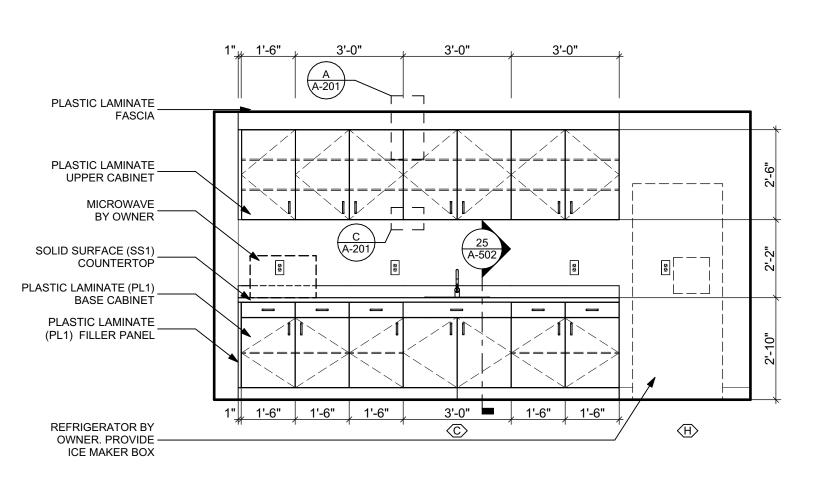
REFLECTED CEILING PLAN

CHAIR RAIL (CR1) -PLASTIC LAMINATE (PL2) SURFACE -COÚNTERTOP PLASTIC LAMINATE (PL1) BASE CABINET W/ LOCKING HARDWARE VINYL WALL BASE -PLASTIC LAMINATE (PL1) FILLER PANEL

# 8 216 W.M. GROUP E A-201 SCALE: 3/8" = 1'-0"







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

CABINETRY CONST. NOTES

**GENERAL NOTES** 

EQUIPMENT.

- 1. CABINETRY SUB CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF DIMENSIONS AND SITE CONDITIONS.
- 2. CABINETRY SHALL MEET AWI SECTION 16 MODULAR CABINET STANDARDS (MINIMUM).
- 3. PROVIDE ARCHITECT WITH SHOP DRAWINGS PRIOR TO CONSTRUCTION. 4. COORDINATE WITH ELECTRICAL, TELEPHONE, MECHANICAL AND/OR PLUMBING
- 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.

5. CONNECTING BOLT/ECCENTRIC CAM LOCK SYSTEM WITH AN 8MM GLUED

3. COVER EXPOSED SURFACES WITH HIGH PRESSURE LAMINATE.

HARWOOD DOWEL OR DOVETAIL AT EACH JOINT.

- 4. LAMINATE BOTTOM EDGES OF CABINETS AND END PANELS.
- 6. STEEL AND ZINK 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
- 6. PROVIDE ANGLED LAMINATE SUPPORT BRACKETS FOR UNSUPPORTED TOPS OVER 4'-0" IN LENGTH OR MTL. "L" BRACKETS AS SPECIFIED PER DRAWINGS.
- 7. CABINETRY 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
- 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.

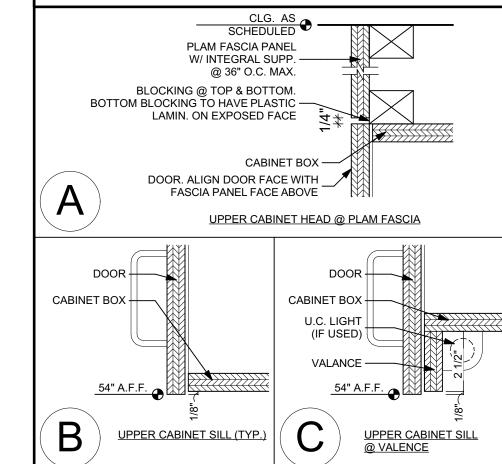
#### <u>DRAWER</u> 1. 8 MM WHITE MELAMINE WRAPPED INTERIOR.

DRAWER SLIDE

IS TO MATCH WALL.

- 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.
- 1. USE 'ACCURIDE' OR APPROVED EQUAL IN A STANDARD CLEAR ZINC FINISH.
- 2. LIGHT TO MEDIUM DUTY DRAWER: A. 16" (406 MM) WIDE OR LESS ACCURIDE 3832SC/
- 100 LBS/PR (45 KG) LOAD RATING. B. 24" (610 M) WIDE OR LESS ACCURIDE 7432/
- 100 LBS/PR (45 KG) LOAD RATING.
- B. 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 3640/
- 200 LBS/PR (90 KG) LOAD RATING.
- DRAWER FRONT ADJUSTORS 1. NYLON FITTING WITH THREADED STEEL INSERT.
- 2. 3/16" VERTICAL AND HORIZONTAL ADJUSTMENT.
- 1. 3" CENTERED 8MM STEEL WITH NICKEL FINISH U.N.O. PER DRAWINGS. **SHELVES**
- 1. 3/4" LAMINATED PARTICLE BOARD.
- 2. .5 MM PVC EDGING ON ADJUSTABLE SHELVES.
- SHELF SUPPORT 1.. 5MM NICKEL PLATED STEEL.
- 2. FOUR POSITIVE LOCKING SUPPORTS PER SHELF.
- 1. 125 DEGREE OPENING, NICKEL PLATED STEEL, CONCEALED HINGE.
- 2. THREE DIMENSIONAL, INDEPENDENT DEPTH, SIX WAYADJUSTMENT AND QUICK RELEASE.
- 3. CONCEALED SELF CLOSING MECHANISM.

#### TYP. CABINETRY DETAILS



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SHEET TITLE

INTERIOR ELEVATIONS

A-201

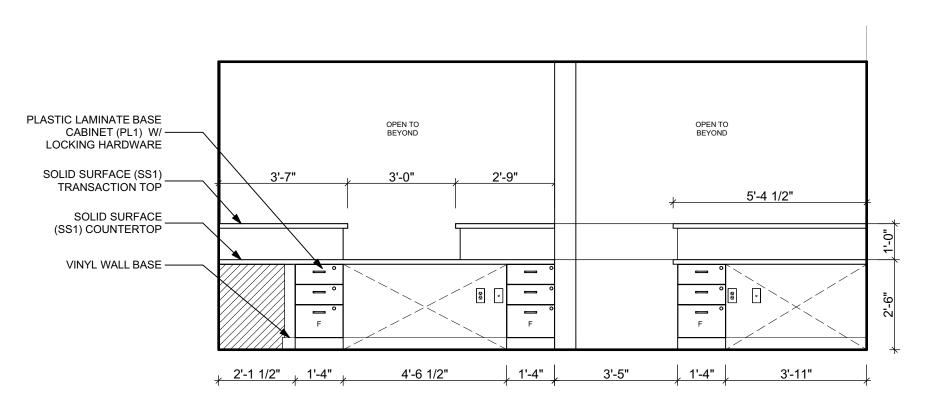
REFRIGERATOR

PER OWNER -

A-201 SCALE: 3/8" = 1'-0"

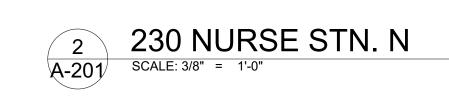
230 NURSE STN. W

#### PLASTIC LAMINATE (PL1) FASCIA STIC LAMINATE (PL1) UPPER CABINET W/ LOCKING ARDWARE - COORD. HEIGHT **├**──--+----SOLID SURFACE (SS1) SOLID SURFACE (SS1) COUNTERTOP PLASTIC LAMINATE BASE 4'-6 1/2" 1'-9 1/2" CABINET (PL1) W/ ---LOCKING HARDWARE CHAIR RAIL — VINYL WALL BASE ——— **├**\_\_\_\_**'** 1 1/2"<sub>\*\*</sub> 4'-0" 4,1/2" OWNER -



2'-0" 2'-0"

2'-2" 2'-0" 2'-0"





PLASTIC LAMINATE (PL1)

SOLID SURFACE (SS1)

PLASTIC LAMINATE (PL1)

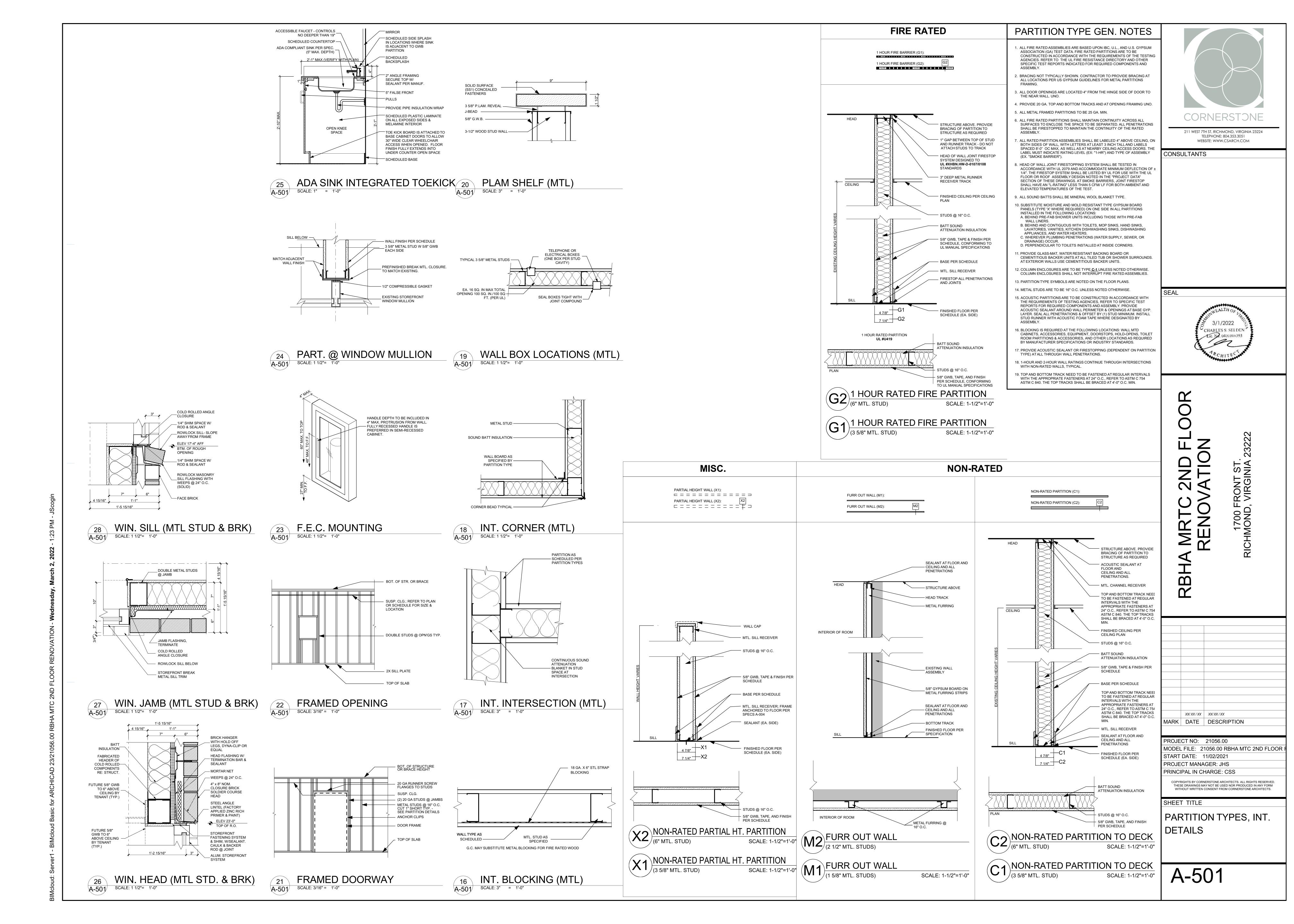
BASE CABINÈT W/ -

LOCKING HARDWARE

COUNTERTOP -

5 226 LAUNDRY S A-201 SCALE: 3/8" = 1'-0"

UPPER CABINÈT W/ -LOCKING HARDWARE



													DOOR AND FRA	ME SCHEDU	ILE		
DOOR FRAME										ME							
NUMBER		SIZE				EINHOLL	T\/DE		ENHOLI	DETAILS		FIRE RATING HARDWARE		NOTES			
NUMBER	W	HT	THK	TYPE	MATL.	FINISH	TYPE	MATL.	FINISH	HEAD	JAMB	SILL					
201	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A	С	STAFF BREAK		
201A	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A	Т	STAFF TLT		
202	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A	Р	CORRIDOR		
203	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	20 MIN	G	OFC -PROVIDE CLOSER		
203A	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A	G	OFC		
204	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	20 MIN	G	OFC - PROVIDE CLOSER		
206	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	20 MIN	Т	VISITOR TLT - PROVIDE CLOSER		
207	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	20 MIN	G	SHARED OFC		
209A	3'	7'	1 3/4"	D3	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A	ESS-M	W.M. WAIT - PROVIDE CLOSER, MOP PLATE TO MATCH EXISTING IN SIZE & COLOR ON BOTH SIDES OF DOOR		
209B	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A	ESS-M	W.M. CORRIDOR - PROVIDE CLOSER, MOP PLATE TO MATCH EXISTING IN SIZE & COLOR ON BOTH SIDES OF DOOR		
210	3'	7'	1 3/4"	D3	WD	STAIN	F1	STL	PAINT	J01	J01	NO	20 MIN	ESS-M	CRC WAIT - PROVIDE CLOSER, MOP PLATE TO MATCH EXISTING IN SIZE & COLOR ON BOTH SIDES OF DOOR		
210A	3'	7'	1 3/4"	D1	WD	STAIN	F10	STL	PAINT	J04	J04	NO	N/A	PD	CRC EXAM		
212	4'	7'	1 3/4"	D2	WD	PAINT	F1	STL	PAINT	J01	J01	NO	N/A	Р	W.M. BED		
213	3'	7'	1 3/4"	D2	WD	PAINT	F1	STL	PAINT	J01	J01	NO	N/A	Р	W.M. EXAM		
213A	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A	G	OFC		
213B	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A	S	CLO		
214	4'	7'	1 3/4"	D2	WD	PAINT	F1	STL	PAINT	J01	J01	NO	N/A	P-M	W.M. BED - PROVIDE MOP PLATE TO MATCH EXISTING IN SIZE & COLOR ON BOTH SIDES OF DOOR		
215	4'	7'	1 3/4"	D2	WD	PAINT	F1	STL	PAINT	J01	J01	NO	N/A		W.M. BED - PROVIDE MOP PLATE TO MATCH EXISTING IN SIZE & COLOR ON BOTH SIDES OF DOOR		
216A	2'-6"	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A		CLO		
217	4'	7'	1 3/4"	D3	WD	PAINT	F1	STL	PAINT	J01	J01	NO	N/A	P-M	W.M. BED - PROVIDE MOP PLATE TO MATCH EXISTING IN SIZE & COLOR ON BOTH SIDES OF DOOR		
218	4'	7'	1 3/4"	D3	WD	PAINT	F1	STL	PAINT	J01	J01	NO	N/A		W.M. BED - PROVIDE MOP PLATE TO MATCH EXISTING IN SIZE & COLOR ON BOTH SIDES OF DOOR		
219	4'	7'	1 3/4"	D3	WD	PAINT	F1	STL	PAINT	J01	J01	NO	N/A		W.M. BED - PROVIDE MOP PLATE TO MATCH EXISTING IN SIZE & COLOR ON BOTH SIDES OF DOOR		
220	4'	7'	1 3/4"	D3	WD	PAINT	F1	STL	PAINT	J01	J01	NO	N/A		W.M. BED - PROVIDE MOP PLATE TO MATCH EXISTING IN SIZE & COLOR ON BOTH SIDES OF DOOR		
221	4'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A		W.M. BED - PROVIDE MOP PLATE TO MATCH EXISTING IN SIZE & COLOR ON BOTH SIDES OF DOOR		
222	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	20 MIN		M TLT - PROVIDE CLOSER		
224	2'-10"	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	20 MIN		F TLT - PROVIDE CLOSER		
225	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A		CONFERENCE		
225A	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A		STO - PROVIDE BATTERY OPERATED LOCKING MECHANISM AS WELL		
226A	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	20 MIN		LAUNDRY - PROVIDE CLOSER		
226B	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A		LAUNDRY - PROVIDE CLOSER		
228	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A		CRC WAIT - PROVIDE CLOSER, MOP PLATE TO MATCH EXISTING IN SIZE & COLOR ON BOTH SIDES OF DOOR		
229	3'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A		CRC ISO - PROVIDE MOP PLATE TO MATCH EXISTING IN SIZE & COLOR ON BOTH SIDES OF DOOR		
231	5'	7'	1 3/4"	D1	WD	STAIN	F1	STL	PAINT	J01	J01	NO	N/A		MED. ROOM - PROVIDE CLOSER; PROVIDE BATTERY COMBINATION LOCK		
E-1	_							F <sup>-</sup>	ΓR						PROVIDE CARD READER.		

PROVIDE AUDIO ALERT TO SOUND OFF AT NURSE'S STATION WHEN DOOR OPENS. PROVIDE DELAYED OPENING.

#### DOOR & FRAME GEN. NOTES

- 1. THE GENERAL CONTRACTOR AND THE DOOR SUPPLIER ARE RESPONSIBLE FOR READING THE FLOOR PLAN, DOOR SCHEDULE AND THE SPECIFICATIONS TO BECOME FAMILIAR WITH THE DESIGN INTENTIONS. IF DISCREPANCIES ARE DISCOVERED THEY SHALL BE BROUGHT TO THE ATTENTION OF THE
- 2. ALL DOOR FRAMES ARE TO BE HOLLOW METAL WELDED FRAMES. SPRAY PAINTED FINISH, TYP.
- 3. DOORS WITH SIDELIGHT FRAMES ARE TO BE WELDED FRAMES. 4. ALL EXTERIOR FRAMES SHALL BE SIZED AND POSITIONED TO COVER THE
- JOINTS IN THE WALL AND SHOW A 1/8" MAXIMUM SEALANT JOINT BETWEEN THE FRAME AND THE NEAREST ADJACENT FINISH WALL MATERIAL.
- FRAME SHALL BE A "HAIRLINE" MINIMUM SIZED JOINT SEALED WITH THE APPROPRIATE COLOR SEALANT.

5. AT ALL INTERIOR DOOR FRAMES THE JOINT BETWEEN THE FLOOR AND THE

6. REFER TO DOOR SCHEDULE FOR DOOR HARDWARE AND RATING. ALL RATED DOORS TO BE EQUIPPED WITH CLOSERS. VERIFY KEYING SCHEDULE WITH OCCUPANT AND OWNER.

#### DOOR HARDWARE NOTES

- 1. PROVIDE 3 SILENCERS FOR SINGLE DOORS; 4 FOR DOOR PAIRS, EXCEPT PROVIDE RATED SEALS AT SMOKE AND FIRE-RATED DOORS
- 2. PROVIDE BUTT HINGES U.N.O. PLATED STEEL @ INTERIOR; STAINLESS STEEL OR BRONZE AT EXTERIOR. 3 HINGES PER LEAF. BALL BEARING HINGES AT DOORS WITH CLOSERS.
- 3. UNLESS SCHEDULED OTHERWISE, PROVIDE OFFICE LOCKSET FOR EACH DOOR
- 4. LOCKSETS, CLOSERS AND EXIT DEVICES SHALL MATCH BUILDING STANDARD IN EVERY RESPECT EXCEPT AS GOVERNED BY CURRENT CODES. 5. MATCH EXISTING BUILDING STANDARD KEYING; IF NONE PROVIDE 6 PIN MASTERKEY SYSTEM.
- 6. PROVIDE DOOR CLOSERS ON RATED DOORS, TOILET ROOMS OPEN TO CORRIDORS AND WHERE NOTED. PROVIDE WITH HOLD OPEN FEATURE AT NON-RATED DOORS
- 7. EXIT DEVICES AT RATED DOOR SHALL BE LABELED FIRE EXIT DEVICES. 8. EXIT DEVICES AT DOOR PAIRS SHALL BE VERTICAL ROD TYPE; PROVIDE
- 9. AT FIRE RATED DOOR PAIRS WITHOUT PANIC DEVICES, PROVIDE BAR TYPE DOOR COORDINATORS WITH FILLER SECTION EXTENDING FULL WIDTH OF
- 10.PROVIDE FLOOR STOPS AT CARPET FLOOR; WALL STOPS OR OVERHEAD

CONCEALED TYPE AT METAL DOORS.

- STOPS ELSEWHERE. 11.ALL ELECTRIC HARDWARE SHALL BE PROVIDED WITH POWER SUPPLIES, LOW VOLTAGE WIRING, SWITCHES, PUSH PADS, CONTROLLERS AND OTHER COMPONENTS NECESSARY TO PROVIDE A COMPLETE OPERATING SYSTEM. UNLESS OTHERWISE NOTED, CARD READERS, OTHER SECURITY SIGNALING DEVICES AND SECURITY WIRING CONNECTED TO ELECTRIC HARDWARE WILL BE PROVIDED BY OWNER. PROVIDE POWER TRANSFER TO ELECTRIC LOCKS AND ELECTRIC EXIT DEVICES WITH AN ELECTRIC HINGE. OPERATION SHALL BE APPROVED BY THE FIRE MARSHALL OR BUILDING OFFICIAL PRIOR TO
- 12. ALL LOCKING HARDWARE IN THE PATH OF EGRESS SHALL MEET ACCESSIBILITY STANDARDS. AND REQUIRE NO MORE THAN ONE OPERATION TO OPERATE DOOR IN THE DIRECTION OF EGRESS. IF DWELLING/SLEEPING UNITS ARE PROVIDED AS PART OF THE SCOPE OF WORK, SEPARATE DEADBOLTS ARE ACCEPTABLE ON UNIT ENTRANCES, PROVIDED THEY CAN BE OPERATED WITH THE SIDE OF THE PALM.

### DOOR HARDWARE LEGEND

**K**=KICKPLATE; **M**= MOP PLATE, **M2**= MOP PLATE EACH SIDE; A= ARMOR PLATE; S=STRETCHER PLATE

OCCUPANCY.

#### DOOR HARDWARE SCHEDULE

- AUTOMATIC DOOR: PROVIDE ELECTRIC LOCK OR ELECTRIC EXIT DEVICE WITH ELECTRIC LATCH RETRACTION AT RATED DOORS. B BATHROOM/BEDROOM LOCK (PRIVACY WITH OUTSIDE EMERGENCY
- RELEASE) ANSI FUNCTION F22 / F76 BF BI-FOLD DOORS: HANG DOORS ON BUTT HINGES; PROVIDE DUMMY TRIM
- MATCHING STANDARD LEVERS C CLASSROOM LOCK ANSI FUNCTION F05 / F84

CODE FOR FUNCTION AS FOLLOWS:

- D DUTCH DOOR OR DOUBLE EGRESS E ENTRANCE LOCK, ANSI FUNCTION F04 / F82
- EL ELECTRIC LOCK WITH ELECTRIC HINGE
- ESC ELECTRIC STRIKE WITH CLASSROOM LOCK ESS ELECTRIC STRIKE WITH STOREROOM LOCK
- G GENERAL OFFICE LOCK ANSI FUNCTION F04 / F82 HOSPITAL "PUSH/PULL LATCH; PASSAGE FUNCTION UNLESS OTHERWISE
- K KOMBINATION LOCKS (CYPHER LOCKS OR BATTERY COMBINATION) LEAD LINED DOOR HARDWARE: CONTINUOUS STEEL HINGE OR FLOOR
- PIVOTS, LEAD LINED OFFICE LOCKSET, DOOR SENSOR. WHERE INDICATED PROVIDE ELECTRIC STRIKE OR ELECTRIC LOCK
- M MAGNETIC LOCKING WITH DELAYED EGRESS, EMERGENCY PUSH TO EXIT BUTTON AND CODE COMPLIANT SIGNAGE
- N NON LATCHING DOOR; PUSH / PULLS
- P PASSAGE LATCHSETS ANSI FUNCTION F01 / F75 PD POCKET DOORS: CARRIER TRACK, FLUSH PULLS AND EDGE PULLS
- PT PATIENT TOILET: HOSPITAL PRIVACY PUSH/PULL LOCK PROVIDE CENTER PIVOT SET, EMERGENCY RESCUE STOP AND DOOR SEALS WHERE DOUBLE ACTING DOORS ARE SHOWN OR SCHEDULED
- S STOREROOM LOCK ANSI FUNCTION F07 / F86
- SL SLIDING DOOR HARDWARE
- T TOILET ROOM LOCK (PRIVACY WITH EMERGENCY OUTSIDE RELEASE ) ANSI FUNCTION F22 / F76. PROV. CLOSER @DOORS OPENING ONTO CORRIDORS
- XC EXIT DEVICE, BHMA FUNCTION 08 (UNLOCKABLE / NIGHT LATCH)
- XE EXIT LATCH (NO OUTSIDE LEVER)
- XEL EXIT DEVICE WITH ELECTRIC LOCKING FUNCTION XN EXIT DEVICE; NON-LATCHING / DUMMY BAR
- XP EXIT DEVICE, PASSAGE XS EXIT DEVICE; BHMA FUNCTION 09 (CANNOT BE LEFT UNLOCKED)
- XX EXIT DEVICE; BHMA FUNCTION 01 (NO OUTSIDE CYLINDER OR PULL)

						PROJECT NO: 21056.00
JAMB <sup>-</sup>	TVDEC	DOOD	TYPES	EDAME	TYPES	MODEL FILE: 21056.00 RBH
JAIVID	ITPES	DOOR	ITPES	FRAIVIE	I I I PES	START DATE: 11/02/2021
						PROJECT MANAGER: JHS
				2" <sub>ي PER DOOR SIZE يز</sub> 2"	2", PER DOOR SIZE ;2"	PRINCIPAL IN CHARGE: CSS
		PER DOOR SIZE	PER DOOR SIZE	J4)	J1)	COPYRIGHTS BY CORNERSTONE ARCHITEC THESE DRAWINGS MAY NOT BE USED NOR WITHOUT WRITTEN CONSENT FROM COR
<b>L</b>		50				SHEET TITLE
Г	\ \	**************************************	PER DOOR SIZE	ER DOOR SIZE	PER DOOR SIZE	DOOR, WINDOV
						SCHEDULE
DRYWALL PARTITION FOR POCKET DOOR OPENING	FOR DRYWALL PARTITION DOOR OPENING	FLUSH DOOR (SOLID CORE WOOD OR METAL - SEE SCHEDULE)	FLUSH DOOR (SOLID CORE WOOD OR METAL SEE SCHEDULE)	HOLLOW METAL WELDED DOOR FRAME POCKET DOOR	HOLLOW METAL WELDED DOOR FRAME	
THROAT SIZE : PER WALL THICKNESS	THROAT SIZE : PER WALL THICKNESS	W/ TEMPERED GLASS VISION PANEL (MATCH EXISTING SIZE) T=TEMPERED		POORET BOOK		A-601
J4	J1	D3	D1	F10	F1	

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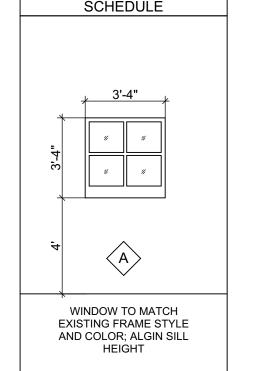
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XX/XX/XX XX/XX/XX MARK DATE DESCRIPTION

MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR F START DATE: 11/02/2021 PROJECT MANAGER: JHS PRINCIPAL IN CHARGE: CSS COPYRIGHTS BY CORNERSTONE ARCHITECTS. ALL RIGHTS RESERVED. WITHOUT WRITTEN CONSENT FROM CORNERSTONE ARCHITECTS.

DOOR, WINDOW SCHEDULE



WINDOW SCHEDULE ETR

E-2

ACCESS	ORIES LEGEND							
ACCESSORIE	S LIST:							
ACC CODE RESP.	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.							

'	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	J C	2 _ 1.5 1 1
	ACC CODE	RESP.	ITEM NAME, DESCRIPTION
	A-05	CC	GRAB BAR
SPECIFICATION:			BOBRICK
	PRODUCT NUM	MBER:	B-5806
	FINISH:		SATIN FINISH STAINLESS STEEL
	SIZES		18", 36", 48"
	NOTES:		SEE SHEET A-002 FOR LOCATIONS/QTY. OF EACH SIZE.
	MOUNTING HE	IGHT:	SEE SHEET A-002
	A-06	СС	COAT HOOK
	SPECIFICATIO	N:	BOBRICK SURFACE MOUNTED HOOK
	PRODUCT NUM	MBER:	B-2116
	FINISH:		SATIN STAINLESS STEEL
	MOUNTING HE	IGHT:	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	СС	PRIVACY CURTAINS
	MANUFACTUR	ER:	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	СС	SHOWER SEAT
	MANUFACTUR	ER:	BOBRICK REVERSIBLE SOLID PHENOLIC FOLDING SHOWER SEAT
	PRODUCT:		B-5282
	FINISH:		MATCH EXISTING
	MOUNTING HE	IGHT:	MOUNT @ ADA COMPLIANT HEIGHT. REFER TO PLAN & A-002 FOR LOCATION.
	NOTES:		G.C. IS TO PROVIDE BLOCKING IN WALL.

**ACCESSORIES LIST:** 

ACCESS	ORIES 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
A3-02	CRO
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

CONTRACTOR PROVIDED, CONTRACTOR INSTALLED

OWNER PROVIDED, VENDOR INSTALLED, CONTRACTOR COORDINATED

OWNER PROVIDED, CONTRACTOR INSTALLED

OWNER PROVIDED, OWNER INSTALLED



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XX/XX/XX XX/XX/XX MARK DATE DESCRIPTION PROJECT NO: 21056.00

MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR F START DATE: 11/02/2021 PROJECT MANAGER: JHS PRINCIPAL IN CHARGE: CSS

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SHEET TITLE ROOM FINISHES

SCHEDULE

FINISH SCHEDULE												
ROOM NO			DOR	DOOR TRIM		WA _	T	147		LING	ACCESSORIES	NOTES
		MATL	BASE	1	N DT 2	E DT 2	S DT 2	W DT 2	MATL	HEIGHT	AC 02	
200	CRC (VARIOUS)	LVT1	WB1	-	PT-2	PT-2	PT-2	PT-2	AT1		AS-02	
200	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		140.00	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	С	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-	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			

#### **FINISH LEGEND**

FLOORING CPT1 CARPET TILE PATCRAFT COLLECTION: TIME EXPOSURES **APETURE 10394** COLOR NAME: TIME LAPSE 00500 GLUE-DOWN; RANDOM STAGGER LVT1 LUXURY VINYL TILE COLOR NAME: SHIBORE JASMINE (AROW7800) RANDOM STAGGER CT1 CERAMIC FLOOR TILE STYLE SELECTIONS COLOR NAME: FRENCH GRAY LATICRETE COLOR/ JOINT SIZE: 34 SANDSTONE / 1/8" JOINT

TRANSITION STRIP TS1 TRANSITION STRIP SCHLUTER **BRUSHED STAINLESS STEEL** LOCATION: FLOOR TRANSITIONS; SIZE DETERMINED IN FIELD BY G.C. WALL BASE

WB1 THERMOPLASTIC RUBBER BASE MFG: TARKETT COLLECTION: DURACOVE 1/8" PROFILE: TP COLOR NAME: 71 STORM CLOUD HEIGHT: 4" TB1 TILE BASE **AMERICAN VILLA** DESCRIPTION: CITYSCAPES GREY PORCELAIN BULLNOSE TILE #2240520 GROUT: LATICRETE COLOR/ JOINT SIZE: 34 SANDSTONE 1/8" JOINT

WALLS P1 MAIN WALL PAINT SHERWIN WILLIAMS **SW7005 PURE WHITE** PRO INDUSTRIAL ZERO V.O.C. PRE-CATALYZED ACRYLIC EPOXY P2 ACCENT WALL PAINT SHERWIN WILLIAMS COLOR: SW7065 ARGOS PRO INDUSTRIAL ZERO V.O.C. PRE-CATALYZEDACRYLIC EPOXY P3 ACCENT WALL PAINT SHERWIN WILLIAMS **SW7015 REPOSE GRAY** PRO INDUSTRIAL ZERO V.O.C. PRE-CATALYZED ACRYLIC EPOXY P4 ACCENT WALL PAINT SW6206 OYSTER BAY PRO INDUSTRIAL ZERO V.O.C. PRE-CATALYZED ACRYLIC EPOXY P5 ACCENT WALL PAINT SHERWIN WILLIAMS SW6495 GREAT FALLS PRO INDUSTRIAL ZERO V.O.C. PRE-CATALYZED ACRYLIC EPOXY

P6 ACCENT WALL PAINT

SHERWIN WILLIAMS

**EGGSHELL** 

SW6635 DETERMINED ORANGE

PRO INDUSTRIAL ZERO V.O.C. PRE-CATALYZED ACRYLIC EPOXY

DOOR FRAME DF1 DOOR TRIM SHERWIN WILLIAMS SW6236 GRAYS HARBOR PRO INDUSTRIAL DTM ACRYLIC SEMI-GLOSS DOORS D1 DOOR VENEER MATCH EXISTING, REPAINT TRIM DF1 D2 DOOR AND FRAME PAINT LOW-V.O.C. SEMI-GLOSS D3 DOOR AND FRAME PAINT SW6635 DETERMINED ORANGE

LOW-V.O.C.

SEMI-GLOSS

**CORNER GUARDS** CG1 CORNER GUARD DESCRIPTION: 1 1/2" SURFACE MOUNTED STAINLESS STEEL CORNER COLOR: 1 1/2" PROFILE; HEIGHT FROM TOP OF WALL BASE TO 6'-0" A.F.F. **CHAIR RAILS** CR1 CHAIR RAIL SIEWER'S LUMBER & MILLWORK (OR EQUAL) PROFILE: 3/4" X 1 3/4" (#SI-133) SHERWIN WILLIAMS (SW 7005 PURE WHITE) PRO INDUSTRIAL ZERO V.O.C. CATALYZED ACRYLIC EPOXY HEIGHT A.F.F.: REFER TO ELEVATIONS

**CASEWORK** SS1 SOLID SURFACE PRODUCT: SOLID SURFACE 1 1/2" TOTAL COUNTERTOP THICKNESS; WHERE THERE ARE NO BASE CABINETS, INSTALL SUPPORTS USING CONCEALED 'L' BRACKETS. REFER TO ELEVATIONS FOR LOCATIONS. PL1 PLASTIC LAMINATE MANGALORE MANGO FINE VELVET PL2 PLASTIC LAMINATE (COUNTERTOPS)

INSTALL PLASTIC LAMINATE OVER PLYWOOD SUBSTRATE FOR 1 1/2" TOTAL COUNTERTOP THICKNESS REFER TO ELEVATIONS FOR LOCATIONS. NOTES:

CEILING AT1 ACOUSTICAL CEILING TILE ARMSTRONG CEILINGS PRODUCT: FIRE RATING: CLASS A SUSPENSION SYSTEM: 9/16" SUPRAFINE TEE GRID COLOR: WHITE

P5 CEILING PAINT SHERWIN WILLIAMS **SW7005 PURE WHITE** PRO INDUSTRIAL ZERO V.O.C. PRE-CATALYZED ACRYLIC EPOXY FINISH:

LOCAL REP CONTACT INFORMATION ARMSTRONG CEILINGS MELISSA COLEMAN FRENCH P: 804-240-5722 EMAIL: macoleman@armstrong.com MANNINGTON DAVID STINSON P: 804-580-0751 EMAIL: david.stinson@mannington.com BRET RUDISILL P: 804-837-2181 EMAIL: bret.rudisill@patcraft.com SCHLUTER **JASON ECKARD** P: 410-999-4490 EMAIL: JEckard@schluter.com SHERWIN WILLIAMS MATT SMITH P: 804-774-1967

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WT WALL TILE

**ABBREVIATIONS** ACP ACOUSTICAL CEILING PANEL AT ACOUSTICAL CEILING TILE CG CORNER GUARD CPT CARPET TILE D DOOR VENEER OR PAINT FINISH DF DOOR FRAME PAINT FT FLOOR TILE LVT LUXURY VINYL TILE P PAINT PC POLISHED CONCRETE PL PLASTIC LAMINATE SS SOLID SURFACE TB TILE BASE TS TRANSITION STRIP VCT VINYL COMPOSITION TILE WB WALL BASE WC WALLCOVERING WF WINDOW FILM WM WALK-OFF MAT WP WALL PROTECTION WS WINDOW SHADE



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CONSULTANTS



2ND /ATIO MRTC

1700 FRONT ST. RICHMOND, VIRGINIA

XX/XX/XX XX/XX/XX MARK DATE DESCRIPTION

PROJECT NO: 21056.00 MODEL FILE: 21056.00 RBHA MTC 2ND FLOOR F START DATE: 11/02/2021 PROJECT MANAGER: JHS

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SHEET TITLE

ROOM FINISHES LEGEND



## FINISH PLAN GENERAL NOTES

- 1. PLAN NORTH IS TO DETERMINE THE LOCATION OF FINISHES ON THE
- 2. A PRE-FLOORING INSTALLATION MEETING MUST BE HELD PRIOR TO LAYING ANY FLOORING. ALL FLOORING COMPONENTS RELATED TO INSTALLATION
- 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.N.O.
- 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.
- BRUSHED STAINLESS STEEL. HEIGHTS SHALL BE INDICATED FROM FLOOR TO CENTER LINE OF DEVICE PER MEP DRAWINGS U.N.O.. 9. REMOVE ANY EXISTING FINISHES AND PREPARE FOR NEW AS NOTED.
- 10. TRIM RING COLOR ON RECESSED CAN LIGHT FIXTURES TO MATCH ADJACENT
- 11. ALWAYS FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR APPLICATION
- AND/OR REPAIRED PRIOR TO INSTALLING NEW FLOORING MATERIALS. 13. ALL PLASTIC LAMINATE COUNTERTOPS TO HAVE PVC VINYL EDGE - COLOR TO MATCH COUNTERTOP. CONTRACTOR TO SUBMIT SAMPLES FOR

## **O 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

- CARPET TILE (CPT1) PER FINISH LEGEND

- EXISTING FLOORING TO REMAIN

#### FINISH PLAN SYMBOL LEGEND

TRANSITION STRIP (TS1) PER FINISH LEGEND



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SHEET TITLE

FINISH PLAN