



00000 GENERAL CONDITIONS

THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONSTRUCTION DOCUMENTS INCLUDING CONSULTANTS DRAWINGS AND SHALL IMMEDIATELY REPORT ANY NOTED DISCREPANCIES...

AI A DOCUMENT A201-2017 GENERAL CONDITIONS SHALL BE INCORPORATED INTO THESE DOCUMENTS.

THE CONSTRUCTION DOCUMENTS PREPARED BY THE ARCHITECT FOR THIS PROJECT ARE INSTRUMENTS OF THE ARCHITECT'S DESIGN SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT...

G1 SUPPLEMENTAL INSTRUCTIONS

G1.1 ADD THE FOLLOWING DEFINITION TO AIA A201, PARAGRAPH 1.1 - BASIC DEFINITIONS, 1.1.9 - THE USE OF THE WORD "PROVIDE" IN CONNECTION WITH ANY ITEM SPECIFIED IS INTENDED TO MEAN THAT SUCH SHALL BE FURNISHED, INSTALLED AND CONNECTED...

G1.2 ADD THE FOLLOWING DEFINITION TO AIA A201, PARAGRAPH 1.1 - BASIC DEFINITIONS, 1.1.10 - THE TERM "BUILDING STANDARD" AS NOTED ON DRAWINGS AND AS SPECIFIED HEREIN, REFERS TO ALL MATERIALS, LABOR, INSTALLATION, ETC. PER BUILDING OWNERS CRITERIA...

G1.3 ADD THE FOLLOWING DEFINITION TO AIA A201, PARAGRAPH 1.1 - BASIC DEFINITIONS, 1.1.11 - "WORK" SHALL INCLUDE ALL LABOR, ASSEMBLIES AND FINISH WORK WITH ALL PARTS AND MATERIALS NECESSARY TO MAKE A COMPLETE, IN PLACE, PROPERLY WORKING AND FINISHED INSTALLATION...

G2 CONSTRUCTION DOCUMENTS

G2.1 ALL DIMENSIONS AND DESCRIPTIONS ON CONSTRUCTION DRAWINGS ARE COMPLEMENTARY. ANY WORK SHOWN OR REFERRED TO ON ANY CONSTRUCTION DOCUMENT SHALL BE PROVIDED AS THOUGH ON ALL RELATED DOCUMENTS.

G2.2 ANY CONFLICTS BETWEEN THE MECHANICAL/ELECTRICAL/PLUMBING/SPECIAL SYSTEMS OR OTHER DRAWINGS IN THIS SET ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT PRIOR TO CONSTRUCTION.

G2.3 UNLESS NOTED OTHERWISE, ALL DRAWINGS HAVE BEEN PRODUCED TO SCALE. CONTRACTOR SHALL NOT DIRECTLY MEASURE OR "SCALE" SAID DRAWINGS TO ASCERTAIN ANY DIMENSION.

G3 CONTRACTUAL RELATIONSHIPS

G3.1 NOTHING CONTAINED IN THESE DRAWINGS, OR IN ANY ACCOMPANYING CONTRACT DOCUMENTS, AND/OR CREATE ANY CONTRACTUAL RELATIONSHIP BETWEEN THE CONTRACTOR AND THE ARCHITECT.

G4 BIDDING

G4.1 PRIOR TO THE BID, THE CONTRACTOR SHALL EXAMINE THE SITE AND PORTIONS THEREOF WHICH WILL AFFECT THIS WORK AND SHALL COMPARE IT WITH THE DRAWINGS AND BE SATISFIED AS TO THE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED...

G4.2 CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY VARIATIONS OR DISCREPANCIES FROM THE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. THE SUBMISSION OF A BID WILL BE CONSTRUED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE...

G4.3 WITHIN FIVE (5) DAYS FROM AWARD OF THE CONTRACT, CONTRACTOR SHALL PROVIDE A SUBCONTRACTORS LIST INCLUDING CONTACT AND LICENSING INFORMATION.

G4.4 THE CONTRACTOR SHALL EXPRESSLY ACKNOWLEDGE, IN WRITING, IN HIS BID, THAT HE HAS READ AND REVIEWED THESE CONSTRUCTION DOCUMENTS IN THEIR ENTIRETY, INCLUDING ALL INFORMATION CONTAINED IN THESE SPECIFICATION SHEETS.

G5 CONSTRUCTION PROGRESS SCHEDULE

G5.1 THE CONTRACTOR, PRIOR TO BEING GIVEN NOTICE TO PROCEED, SHALL PREPARE AND SUBMIT TO THE ARCHITECT A PRELIMINARY CONSTRUCTION SCHEDULE OF THE WORK IN BAR CHART FORM.

G5.2 THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING PERMITS FOR ALL PHASES OF THE WORK AS REQUIRED BY FEDERAL, STATE, COUNTY AND MUNICIPAL LAW.

G6 USE OF PREMISES

G6.1 CONTRACTOR SHALL CONFINE HIS APPARATUS, DELIVERY AND STORAGE OF MATERIALS, AND THE OPERATION OF HIS WORKERS TO LIMITS DEFINED BY THE OWNER. CONTRACTOR SHALL NOT UNREASONABLY ENCLUMBER THE PREMISES TO THE INCONVENIENCE OF THE TENANTS AND OWNERS PERSONNEL AND OPERATION.

G6.2 CONTRACTOR SHALL MINIMIZE NOISE DISTURBANCE TO ADJACENT OCCUPANTS.

G6.3 CORING AND OTHER WORK WHICH MIGHT AFFECT OTHER TENANTS SHALL BE SCHEDULED WITH OWNERS AND BUILDING LANDLORDS APPROVAL.

G6.4 CONTRACTOR IS RESPONSIBLE FOR STACKING OF ALL MATERIALS DURING CONSTRUCTION IN A MANNER THAT PREVENTS LIVE LOADS FROM EXCEEDING THOSE ALLOWED FOR IN THE BUILDINGS STRUCTURAL DESIGN. CONTRACTOR TO COORDINATE THIS WITH BUILDING LANDLORD.

G7 CONSTRUCTION OFFICE

G7.1 CONTRACTOR SHALL PROVIDE AND MAINTAIN A FIELD CONSTRUCTION OFFICE, LOCATED AS DIRECTED BY THE OWNER AND/OR LANDLORD.

G7.2 CONTRACTOR SHALL ALLOW FOR ACCESS BY OTHER VENDORS AND OWNER'S OWN FORCES. CONTRACTOR SHALL COOPERATE WITH THE TENANT ON SCHEDULING AND PERFORMING THE CONTRACTORS WORK TO AVOID CONFLICT, DELAY, OR INTERFERENCE WITH THE WORK OF OTHER VENDORS OR THE CONSTRUCTION OR OPERATIONS OF THE OWNERS OWN FORCES.

G7.3 CONTRACTOR SHALL MAINTAIN, ON THE SITE, ONE RECORD COPY OF THE RECORD DRAWINGS, RECORD SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR REQUIRED SUBMITTALS FOR REFERENCE.

G7.4 CONTRACTOR SHALL PROVIDE UNLIMITED LOCAL TELEPHONE SERVICE FOR THE USE OF ALL SUBCONTRACTORS, SUPPLIERS, DESIGNERS, AND INSPECTORS. LONG DISTANCE CHARGES SHALL BE PAID BY THE CONTRACTOR AND MAY BE CHARGED TO THOSE INCURRING SUCH COSTS.

G8 TOILET FACILITIES AND DRINKING WATER

G8.1 UPON THE APPROVAL OF THE OWNER, THE USE OF DESIGNATED TOILET FACILITIES AND DRINKING FOUNTAINS WITHIN THE BUILDING SHALL BE AVAILABLE FOR THE USE OF ALL WORKERS FOR THE DURATION OF THE PROJECT. IF AT ANY TIME, THE OWNER FEELS THAT ANY OF THE WORKMEN ARE RESPONSIBLE FOR LEAVING A TOILET ROOM OR DRINKING FOUNTAIN UNNECESSARILY DIRTY, OR ARE RESPONSIBLE FOR CAUSING ANY DAMAGE TO EXISTING TOILET FACILITIES OR DRINKING FOUNTAINS, THE OWNER MAY HOLD THE CONTRACTOR RESPONSIBLE FOR THE COST OF CLEANUP OR REPAIR.

G9 PROTECTION OF PERSONS AND PROPERTY

G9.1 CONTRACTOR SHALL PROTECT AREAS AND NEW OR EXISTING MATERIALS AND FINISHES FROM DAMAGE WHICH MAY OCCUR, INCLUDING CONSTRUCTION DUST, WATER, ETC. AND SHALL PROVIDE AND MAINTAIN TEMPORARY BARRICADES, CLOSURE WALLS, ETC., AS REQUIRED TO PROTECT THE PUBLIC DURING THE PERIOD OF CONSTRUCTION. DAMAGE TO NEW AND EXISTING MATERIAL, FINISHES, STRUCTURALS, AND EQUIPMENT SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.

G9.2 CONTRACTOR SHALL ERECT DUST-PROOF BARRIERS, AT THE DIRECTION OF THE OWNER.

G10 INTERRUPTION OF SERVICES

G10.1 CONTRACTOR SHALL COOPERATE WITH OWNER IN REGARD TO ANY INTERRUPTIONS OR SHUTDOWN OF ELECTRICAL, PLUMBING, OR TELEPHONE SERVICE. OWNER SHALL BE NOTIFIED AS REQUIRED BUT NOT LESS THAN 48 HOURS IN ADVANCE BEFORE SHUTDOWN OCCURS.

G11 SECURITY

G11.1 CONTRACTOR SHALL OBTAIN THROUGH OWNER, THE REQUIRED SECURITY CLEARANCES, ACCESS ARRANGEMENTS, PASSES, OR BARRIERS NECESSARY FOR ALL WORKERS, SUBCONTRACTORS, AND SUPPLIERS WHO MAY REQUIRE ACCESS TO THE FACILITY DURING CONSTRUCTION. CONTRACTOR SHALL COOPERATE WITH THE OWNER IN REGARD TO ANY AREAS OF LIMITED ACCESS.

G12 DEBRIS CONTROL AND CLEANING

G12.1 THE CONTRACTOR SHALL REMOVE ALL RUBBISH AND WASTE MATERIAL ON A REGULAR BASIS, AND SHALL EXERCISE STRICT CONTROL OVER JOB CLEANING TO PREVENT ANY DIRT, DEBRIS, OR DUST FROM AFFECTING, IN ANY WAY, FINISHED AREAS INSIDE OR OUTSIDE JOB SITE. THE BUILDING REFUSE FACILITIES SHALL NOT BE USED FOR THIS PURPOSE.

G12.2 AT COMPLETION, THE CONTRACTOR SHALL LEAVE PREMISES AND ALL SURFACES AND FIXTURES FINISHED, CLEANED, ORDERLY, AND READY FOR MOVE-IN.

G14 PROJECT MEETINGS

G14.1 AT THE OWNERS REQUEST, THE CONTRACTOR SHALL SCHEDULE REGULAR AND PERIODIC MEETINGS TO REVIEW THE PROJECT.

G14.2 THE CONTRACTOR SHALL PREPARE AGENDAS OF THE MEETING AND DISTRIBUTE COPIES TO PARTIES IN ATTENDANCE. IN GENERAL, THESE MEETINGS SHOULD BE ATTENDED BY THE CONTRACTOR, THE OWNER OR OWNERS REPRESENTATIVE, THE ARCHITECT, THE SUBCONTRACTORS OR SUPPLIERS AS MAY BE APPROPRIATE TO THE AGENDA AND OTHERS.

G14.3 THE CONTRACTOR SHALL RECORD MINUTES OF THE PROJECT MEETINGS INCLUDING SIGNIFICANT PROCEDURES AND DECISIONS. COPIES OF THESE MINUTES SHALL BE DISTRIBUTED WITHIN FOUR DAYS AFTER EACH MEETING TO ALL PARTICIPANTS.

G14 WORKMANSHIP AND MATERIALS

G14.1 ALL WORK SHALL BE DONE IN THE FINEST QUALITY WORKMANSHIP - LIKE MANNER, IN ACCORDANCE WITH THE INDUSTRY STANDARD FOR CONSTRUCTION, FABRICATION AND INSTALLATION FOR EACH TRADE, UNLESS OTHERWISE NOTED. USE ONLY NEW, HIGHEST QUALITY MATERIALS CONSISTENT WITH SPECIFICATIONS AS INDICATED.

G15 SUBMITTALS

G15.1 WITHIN FIVE (5) DAYS FROM AWARD OF THE CONTRACT, CONTRACTOR SHALL SUBMIT TO THE ARCHITECT, A DETAILED SHOP DRAWING SUBMITTAL AND SAMPLE SCHEDULE.

G15.2 THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL FABRICATED ITEMS INCLUDING MECHANICAL AND ELECTRICAL EQUIPMENT, CUT SHEETS FOR ALL FIXTURES AND EQUIPMENT AND SAMPLES OF ALL FINISHES TO THE ARCHITECT PRIOR TO TIMELY ORDERING. A SUMMARY OF (BUT NOT LIMITED TO) SUBMITTALS REQUIRED UNDER THE ARCHITECTURAL SCOPE OF WORK ARE AS FOLLOWS:

NOTE: SOME OF THE SECTIONS BELOW MAY NOT BE APPLICABLE TO THIS PROJECT

Table with columns: DRAWINGS, SAMPLE, DATA. Rows include: 044300 STONE MASONRY, 052000 METAL RAILINGS, 055800 FORMED METAL FABRICATIONS, 064000 ARCHITECTURAL WOODWORK, 072000 AIR BARRIERS, 075000 JOINT PROTECTION, 081100 METAL DOORS & FRAMES, 081116 ALUMINUM DOORS & FRAMES, 081400 WOOD DOORS, 083000 SPECIALTY DOORS & FRAMES, 087100 DOOR HARDWARE, 088000 GLAZING, 092116 GYPSUM BOARD ASSEMBLIES, 093000 TILING, 095100 ACOUSTICAL CEILING, 096500 RESILIENT FLOORINGS, 096513 RESILIENT BASE, 096800 CARPETING, 097200 WALL COVERING, 099000 PAINTING AND COATING, 099600 ACCESS FLOORING, 099700 SPECIAL COATINGS, 101100 VISUAL DISPLAY BOARDS, 100416 FIRE EXTINGUISHERS, 115213 PROJECTION SCREENS, 113100 APPLIANCES, 122000 WINDOW TREATMENTS.

G15.3 THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK REQUIRING SUBMITTAL AND REVIEW OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNTIL THE RESPECTIVE SUBMITTAL HAS BEEN REVIEWED AND APPROVED BY THE ARCHITECT. SUCH WORK SHALL BE IN ACCORDANCE WITH ACCEPTED SUBMITTALS.

G15.4 THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITIES FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY ARCHITECTS REVIEW OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT, IN WRITING, OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND THE ARCHITECT HAS GIVEN WRITTEN ACCEPTANCE TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY ARCHITECT'S ACCEPTANCE THEREOF.

G15.5 THE ARCHITECT WILL REVIEW OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR'S SUBMITTALS SUCH AS SHOP DRAWINGS, PRODUCT DATA AND SAMPLES, BUT ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH INFORMATION GIVEN AND THE DESIGN CONCEPT EXPRESSED IN THE CONTRACT DOCUMENTS. ARCHITECT'S ACTION WILL BE TAKEN WITH SUCH REASONABLE PROMPTNESS AS TO CAUSE NO DELAY IN THE WORK OR IN THE ACTIVITIES OF THE OWNER, CONTRACTOR OR SEPARATE CONTRACTORS, WHILE ALLOWING SUFFICIENT TIME IN ARCHITECT'S PROFESSIONAL JUDGMENT TO PERMIT ADEQUATE REVIEW. REVIEW OF SUCH SUBMITTALS IS NOT CONDUCTED FOR THE PURPOSE OF DETERMINING THE ACCURACY AND COMPLETENESS OF OTHER DETAILS SUCH AS DIMENSIONS AND QUANTITIES, OR FOR SUBSTITUTING INSTRUCTIONS FOR INSTALLATION OR PERFORMANCE OF EQUIPMENT OR SYSTEMS ALL OF WHICH REMAIN THE RESPONSIBILITY OF THE CONTRACTOR AS REQUIRED BY THE CONTRACT DOCUMENTS. ARCHITECT'S REVIEW SHALL NOT CONSTITUTE APPROVAL OF SAFETY PRECAUTIONS, INCLUDING BUT NOT LIMITED TO, SAFETY PLAN REVIEW, PERMITTING, OR OTHER SAFETY MEASURES, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES. ARCHITECT'S REVIEW OF A SPECIFIC ITEM SHALL NOT INDICATE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.

G15.6 BY APPROVING AND SUBMITTING SHOP DRAWINGS AND SAMPLES TO THE ARCHITECT, THE CONTRACTOR REPRESENTS THAT HE HAS DETERMINED AND VERIFIED FIELD MEASUREMENTS, FIELD CONSTRUCTION CRITERIA, MATERIALS, CATALOG NUMBERS AND SIMILAR DATA, THAT EACH SUBMITTAL HAS BEEN CHECKED AND COORDINATED WITH THE REQUIREMENTS OF THE CONTRACT.

G15.7 THE CONTRACTOR SHALL REVIEW AND STAMP, WITH HIS APPROVAL, ALL SUBMITTALS. ANY SUBMITTALS WHICH DO NOT BEAR CONTRACTOR'S APPROVAL STAMP SHALL BE RETURNED WITHOUT REVIEW, WHERE PRINTED MATERIALS DESCRIBE MORE THAN ONE PRODUCT OR MODEL, CLEARLY IDENTIFY WHICH IS TO BE FURNISHED. SHOP DRAWINGS SHALL BE REVIEWED FOR CONSTRUCTION DOCUMENTS. EACH SHOP DRAWING, SAMPLE AND PRODUCT DATA SUBMITTAL SHALL BE PROPERLY IDENTIFIED BEARING THE NAME AND QUALITY OF THE MATERIAL, THE MANUFACTURER'S NAME, THE CONTRACTOR'S NAME, THE SUBCONTRACTOR'S NAME, THE NAME OF THE PROJECT AND THE DATE OF SUBMISSION.

G15.8 REJECTED SHOP DRAWINGS AND SAMPLES SHALL BE RESUBMITTED AS SOON AS POSSIBLE AND SHALL BE IDENTIFIED AS "RESUBMITTALS".

G15.9 THE CONTRACTOR SHALL IDENTIFY SPECIFIC ATTENTION, IN WRITING, ON RESUBMITTED SHOP DRAWINGS, PRODUCT DATA OR SAMPLES TO REVISIONS, OTHER THAN THOSE REQUESTED BY THE ARCHITECT.

G15.10 THE CONTRACTOR SHALL MAKE SUBMITTALS IN THE FOLLOWING QUANTITIES:

Table with columns: PROVIDE 1 COPY OF THE FOLLOWING SECTIONS, PROVIDE 1 COPY AND 3 SAMPLES OF THE FOLLOWING SECTIONS, PROVIDE 2 COPIES AND 3 SAMPLES OF THE FOLLOWING SECTIONS, PROVIDE 4 COPIES OF THE FOLLOWING SECTION. Rows include: 021116, 104416, 097100, 115213, 113000, 100000; 072700, 081100, 044300, 081400, 083000, 081116, 093000, 095100, 088000, 096513, 096800, 096500, 096800, 099000, 097200, 106900, 122000, 101100; 055800, 064000, 055200, 099700, 079000; 230000, 260000.

G16 CLARIFICATIONS

G16.1 ALL REQUESTS FOR CLARIFICATION OF THE CONSTRUCTION DRAWINGS SHALL BE DIRECTED TO THE ARCHITECT USING THE REQUEST FOR INFORMATION (RFI) FORM. ALL RESPONSES SHALL BE ISSUED THROUGH THE ARCHITECT IN THE RFI, FORM OR ARCHITECTS SUPPLEMENTAL INSTRUCTION (A.S.I.).

G17 CLAIMS FOR ADDITIONAL COSTS

G17.1 IF THE CONTRACTOR WISHES TO MAKE A CLAIM FOR AN INCREASE IN THE CONTRACT SUM, HE SHALL GIVE THE ARCHITECT WRITTEN NOTICE THEREOF WITHIN SEVEN (7) DAYS AFTER THE OCCURRENCE OF THE EVENT GIVING RISE TO SUCH CLAIM. THIS NOTICE SHALL BE GIVEN BY THE CONTRACTOR BEFORE PROCEEDING TO EXECUTE THE WORK, EXCEPT IN AN EMERGENCY ENDANGERING LIFE OR PROPERTY. ANY CHANGE IN THE CONTRACT SUM RESULTING FROM SUCH CLAIM SHALL BE AUTHORIZED BY A WRITTEN CHANGE ORDER APPROVED BY OWNER.

G18 DOCUMENTATION AT SITE

G18.1 CONTRACTOR SHALL MAINTAIN, ON THE SITE, ONE RECORD COPY OF THE DRAWINGS/ SPECIFICATIONS, ADDENDA, CHANGE ORDERS AND OTHER MODIFICATIONS, AND MARKED CURRENTLY TO RECORD FIELD CHANGES AND SELECTIONS MADE DURING CONSTRUCTION. THREE COPIES OF THESE RECORD DRAWINGS ARE TO BE DELIVERED TO THE ARCHITECT FOR SUBMITTAL TO THE OWNER UPON COMPLETION OF THE WORK.

G19 WARRANTIES AND OPERATING INSTRUCTIONS

G19.1 PRIOR TO FINAL APPLICATION FOR PAYMENT OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT, IN TRIPPLICATE, ON BEHALF OF HIMSELF AND HIS SUBCONTRACTORS A ONE (1) YEAR WRITTEN GUARANTEE AGAINST DEFECTIVE RESPECTIVE WORKMANSHIP AND/OR MATERIALS. THIS GUARANTEE SHALL BE IN ADDITION TO (NOT IN LIEU OF) ANY WARRANTIES AND/OR GUARANTEES PROVIDED BY PRODUCT MANUFACTURERS, SUPPLIERS, ETC.

G19.2 PRIOR TO FINAL APPLICATION FOR PAYMENT, CONTRACTOR SHALL SUBMIT TO THE ARCHITECT, IN TRIPPLICATE, CLOSEOUT DOCUMENTATION CONSISTING OF THE FOLLOWING: EVIDENCE OF COMPLIANCE WITH REQUIREMENTS OF GOVERNING AUTHORITIES. PROJECT RECORD DOCUMENTS. OPERATIONS AND MAINTENANCE DATA. WARRANTIES AND BONDS. SPARE PARTS AND MAINTENANCE MATERIALS. KEY AND KEYING SCHEDULE. EVIDENCE OF PAYMENT AND RELEASE OF LIENS. CONSENT OF SURETY AND FINAL PAYMENT CERTIFICATES OF INSURANCE FOR PRODUCTS AND COMPLETED OPERATIONS.

G20 COMPLETION

G20.1 WHEN CONTRACTOR IS NEARING COMPLETION, HE SHALL NOTIFY THE ARCHITECT ACCORDINGLY IN WRITING. UPON INSTALLATION, THE ARCHITECT SHALL PREPARE A FINAL PUNCH LIST OUTLINING INCOMPLETE OR UNACCEPTABLE WORK. CONTRACTOR SHALL COMPLETE ALL PUNCH LIST ITEMS WITHIN TWO (2) WEEKS OF RECEIPT OF PUNCH LIST. THE PROJECT WILL NOT BE CONSIDERED COMPLETE UNTIL ALL ITEMS ON THE PUNCH LIST HAVE BEEN RESOLVED AND ALL RECORD DRAWINGS, WARRANTIES AND OPERATING INSTRUCTIONS HAVE BEEN RECEIVED AND REVIEWED BY THE ARCHITECT.

SECTION 013500 - SPECIAL PROCEDURES

1.01 REQUIREMENTS APPLY TO ALTERATION WORK SHOWN ON DRAWINGS AND SPECIFICATIONS.

1.02 PERFORM REMOVAL WORK, INCLUDING WRECHING AND CUTTING NECESSARY TO ALTERATION WORK, CHANGING OR ELIMINATION OF OLD FEATURES, INSTALLATION OF NEW WORK, OR JOINING AND KEYING OF NEW WORK TO EXISTING WORK. ITEMS REMOVED TEMPORARILY FOR CONVENIENCE OF CONTRACTOR SHALL BE REMOVED AND REPLACED AS APPROVED.

1.03 NEATLY REPLACE, PATCH AND FINISH IN KIND, ADJACENT SURFACES OR FEATURES DISPLACED OR DISTURBED IN PERFORMANCE OF ALTERATION WORK. MAKE CONNECTION OF NEW AND EXISTING WORK AS INCONSPICUOUS AS POSSIBLE. UPON COMPLETION OF WORK THERE SHALL BE NO DISCREPANCY BETWEEN NEW WORK AND EXISTING WORK, BROKEN AND CUT UNITS SHALL BE REPLACED WITH WHOLE UNITS.

1.04 MATCH EXISTING ADJOINING WORK. PREPARE EXISTING WORK TO RECEIVE NEW WORK.

1.05 WHEN SPECIFICALLY INDICATED, SALVAGEABLE ITEMS REMOVED IN ALTERATION WORK MAY BE REUSED, OTHERWISE NEW ITEMS SHALL BE PROVIDED. SALVAGED ITEMS OF VALUE NOT INDICATED TO BE REUSED IN THE WORK SHALL REMAIN OWNERS PROPERTY. STORE ON PREMISES WHERE DIRECTED. REMOVED ITEMS AND MATERIALS NOT OF VALUE TO OWNER AND NOT REUSED IN THE WORK SHALL BE DISPOSED OF OFF PREMISES AT CONTRACTOR'S EXPENSE.

1.06 ESTABLISH EXACT LAYOUTS, LOCATIONS, LINES AND ELEVATIONS OF WORK IN RELATION TO EXISTING WORK. OBTAIN AND VERIFY MEASUREMENTS FOR NEW WORK IN EXISTING AREAS.

1.07 PROVIDE PROTECTION AGAINST WEATHER AND CONSTRUCTION OPERATIONS FOR EXISTING EQUIPMENT, FINISHES, FLOORS AND FLOOR COVERINGS, FURNITURE, FIXTURES, HARDWARE AND OTHER IMPROVEMENTS IN AND ABOUT ALTERED AREAS.

1.08 PROVIDE TEMPORARY SUPPORT FOR WORK AS REQUIRED BY CONSTRUCTION OPERATIONS AND TO ENSURE SAFETY.

1.09 INTERFERENCE WITH OR INCONVENIENCE TO OCCUPANTS SHALL BE KEPT TO A MINIMUM. CONTRACTOR MAY BE REQUIRED TO WORK OVERTIME.

1.10 MAJOR NOISY MOTORS, CUTTING, DRILLING, AND FASTENING EQUIPMENT MUST BE COORDINATED WITH OWNER RULES AND REGULATIONS. VERIFY WORK TO BE DONE AFTER HOURS.

1.11 TEMPORARY DUST-RETARDING PARTITIONS AND BARRICADES SHALL BE BUILT BETWEEN WORK AREAS AND OCCUPIED AREAS. PREMISES SHALL BE KEPT CLEAN AND IN A SAFE CONDITION. RUBBISH SHALL BE REMOVED AS IT ACCUMULATES.

1.12 CORRIDORS AND ENTRANCES FOR USE OF OCCUPANTS AND REASONABLE ACCESS THERETO SHALL BE KEPT CLEAR OF BUILDING MATERIALS, REFUSE AND THE LIKE.

1.13 MATERIALS AND EQUIPMENT SHALL BE DELIVERED AND RUBBISH REMOVED THROUGH PASSAGES AS DIRECTED BY OWNER.

1.14 CONTRACTOR'S EMPLOYEES, EQUIPMENT AND THE LIKE SHALL BE RESTRICTED TO IMMEDIATE AREA OF CONSTRUCTION.

1.15 PROVIDE OWNER WITH 3% ATTC STOCK OF ALL FINISH MATERIALS UNO.

SECTION 014100 - REGULATORY REQUIREMENTS

1.01 UNLESS OTHERWISE INDICATED OR SPECIFIED, PERFORM THE WORK IN CONFORMANCE WITH THE APPLICABLE CODES, STANDARDS AND REGULATORY REQUIREMENTS FOR THE JURISDICTION IN WHICH THIS PROJECT IS LOCATED, AS REFERENCED ON COVER SHEET.

- A. UNIFORM OR INTERNATIONAL BUILDING CODE (INCLUDING ACCESSIBILITY AND STATE AMENDMENTS IF APPLICABLE)
B. LOCAL OR INTERNATIONAL PLUMBING CODE
C. UNIFORM OR INTERNATIONAL MECHANICAL CODE
D. NATIONAL ELECTRICAL CODE
E. BUILDING OFFICIAL
F. APPLICABLE ENERGY CODE

1.02 IN CASE OF CONFLICT BETWEEN REFERENCED REGULATORY REQUIREMENTS COMPLY WITH THE ONE ESTABLISHING THE MORE STRINGENT REQUIREMENTS; BETWEEN REFERENCED REGULATORY REQUIREMENTS AND CONTRACT DOCUMENTS COMPLY WITH THE ONE ESTABLISHING THE MORE STRINGENT REQUIREMENTS.

SECTION 016000 - PRODUCT REQUIREMENTS

1.01 MATERIAL AND EQUIPMENT INCORPORATED IN THE WORK SHALL BE NEW UNLESS OTHERWISE SPECIFIED, AND SUITABLE FOR INTENDED USE. NO MATERIAL OR EQUIPMENT SHALL BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS DESIGNED OR SPECIFIED.

1.02 MANUFACTURED PRODUCTS SHALL BE DELIVERED IN THE MANUFACTURER'S ORIGINAL, UNBROKEN CONTAINERS OR PACKAGING, WITH IDENTIFYING LABELS INTACT AND LEGIBLE. STORE MANUFACTURED PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTION, WITH SEALS AND LABELS INTACT AND LEGIBLE.

1.03 SUBSTITUTIONS FOR PRODUCTS IDENTIFIED IN THE CONTRACT DOCUMENTS MAY BE PROPOSED ONLY IF ITEMS INDICATED OR SPECIFIED OR APPROVED AS SUBSTITUTIONS DURING THE BID PERIOD HAVE SUBSEQUENTLY BECOME UNAVAILABLE. ANY PRODUCT SUBSTITUTIONS MUST BE APPROVED BY ARCHITECT USING DAR GROUP SUBSTITUTION REQUEST FORM. IN REQUESTING APPROVAL FOR A SUBSTITUTION CONTRACTOR REPRESENTS THAT HE HAS INVESTIGATED THE PROPOSED PRODUCT IN A TIMELY MANNER AND DETERMINED THAT IT IS EQUAL TO OR SUPERIOR IN ALL RESPECTS TO THAT INDICATED OR SPECIFIED. WILL FURNISH THE SAME GUARANTEE/WARRANTIES OR BONDS FOR THE SUBSTITUTION AS FOR THE PRODUCT INDICATED OR SPECIFIED; WILL COORDINATE THE INSTALLATION OF AN ACCEPTED SUBSTITUTION INTO THE WORK, AND MAKE SUCH OTHER CHANGES AS REQUIRED TO MAKE THE WORK COMPLETE AND IN COMPLIANCE WITH THE CONTRACT DOCUMENTS AND APPLICABLE REGULATORY REQUIREMENTS.

1.04 CONTRACTOR SHALL WAIVE CLAIMS FOR ADDITIONAL COSTS WHICH MAY SUBSEQUENTLY BECOME APPARENT, ASSOCIATED WITH THE SUBSTITUTION.

1.05 REQUESTS FOR APPROVAL FOR A SUBSTITUTION SHALL BE SUBMITTED IN WRITTEN FORM AND ACCOMPANIED BY SUFFICIENT INFORMATION TO ENABLE PROPER EVALUATION TO BE MADE. SUBMIT COMPLETE TECHNICAL DATA, INCLUDING DRAWINGS, PERFORMANCE SPECIFICATIONS, COST DATA, SAMPLES AND TEST REPORTS OF THE PRODUCT PROPOSED FOR SUBSTITUTION. SUBMIT ADDITIONAL INFORMATION, IF REQUIRED BY THE ARCHITECT.

1.06 ARCHITECT WILL BE THE JUDGE OF THE ACCEPTABILITY OF PROPOSED SUBSTITUTION AND HIS DETERMINATION SHALL BE FINAL. APPROVAL OF A SUBSTITUTION SHALL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY FOR THE PROPER EXECUTION OF THE WORK, EXCEPT IN ANY OTHER REQUIREMENTS OF THE CONTRACT DOCUMENTS.

1.07 FOR PRODUCTS INDICATED OR SPECIFIED BY NAMING ONLY ONE PRODUCT AND MANUFACTURER, FOLLOWED BY THE WORDS "NO SUBSTITUTION ALLOWED" THERE IS NO OPTION.

SECTION 017000 - EXECUTION AND CLOSE OUT REQUIREMENTS

1.01 CONTRACT CLOSE-OUT INCLUDES FINAL CLEANING, PROJECT RECORD DOCUMENTS, OPERATING AND MAINTENANCE DATA, INSTRUCTION OF OWNERS PERSONNEL, GUARANTEES, WARRANTIES AND BONDS, SERVICE AND MAINTENANCE CONTRACTS, PREPARATION FOR FINAL INSPECTION, DAMAGE AND RESTORATION, REMEDIAL WORK AND EXTRA MATERIALS.

1.02 USE CLEANING MATERIALS WHICH WILL NOT CREATE HAZARDS TO HEALTH OR PROPERTY OR CAUSE DAMAGE TO PRODUCTS OR WORK. USE CLEANING MATERIALS AND METHODS RECOMMENDED BY THE MANUFACTURERS OF THE PRODUCTS TO BE CLEANED.

1.03 RECORD SET DURING THE WORK. CONTRACTOR SHALL MAINTAIN AND KEEP UP TO DATE, A COMPLETE SET OF CONSTRUCTION DOCUMENTS, WHICH SHALL BE CORRECTED DAILY TO SHOW EVERY CHANGE FROM THE ORIGINAL CONTRACT DRAWINGS. IN ADDITION, THE DOCUMENTS SHALL BE MARKED TO SHOW THE PRECISE LOCATIONS OF CONCEALED WORK AND EQUIPMENT, INCLUDING CONCEALED OR EMBEDDED PIPING AND CONDUIT. THIS SHALL NOT BE CONSTRUED AS AUTHORIZATION FOR THE CONTRACTOR TO MAKE CHANGES IN THE LAYOUT OR WORK WITHOUT DEFINITE INSTRUCTIONS IN EACH CASE.

1.04 PROVIDE MAINTENANCE MANUALS, RECORD DATA, AND OPERATING INSTRUCTIONS IN THE INDIVIDUAL SPECIFICATION SECTIONS. PREPARE THREE COPIES IN AN ELECTRONIC PDF VERSION ON USB. INCLUDE ALL SUBMITTALS AND ALL APPROVED FINISH SAMPLES SUBMITTED.

1.05 WHERE POSSIBLE, FURNISH INSTRUCTION, INCLUDING SPECIAL STARTUPS AND RUNNING TIME, PRIOR TO OCCUPANCY OF THE BUILDING AT NO ADDITIONAL EXPENSE TO THE OWNER.

1.06 MANUFACTURERS' WARRANTIES NOTWITHSTANDING, WARRANT THE ENTIRE WORK AGAINST DEFECTS IN MATERIALS, FABRICATION AND INSTALLATION FOR 12 MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION. GUARANTY/WARRANT OR BOND WORK AS REQUIRED IN THE INDIVIDUAL SPECIFICATION SECTIONS.

1.07 CONTRACTOR WILL NOT BE HELD RESPONSIBLE FOR DEFECTS DUE TO MISUSE, NEGLIGENCE, WILLFUL DAMAGE, IMPROPER MAINTENANCE, OR ACCIDENT CAUSED BY OTHERS, NOR SHALL HE BE RESPONSIBLE FOR DEFECTIVE PARTS WHOSE REPLACEMENT IS NECESSITATED BY FAILURE OF THE OWNERS MAINTENANCE.

1.08 RESTORE OR REPLACE, AS SPECIFIED OR DIRECTED BY THE ARCHITECT, MATERIALS AND FINISHES DAMAGED FROM MOVEMENT OF EQUIPMENT OR OTHER OPERATIONS AT NO ADDITIONAL EXPENSE TO OWNER. RESTORATION SHALL BE EQUAL TO THE ORIGINAL WORK, AND FINISHES SHALL MATCH THE APPEARANCE OF EXISTING ADJACENT WORK.

1.09 REMEDIAL WORK NECESSARY ADJUNT TO FAULTY FABRICATION, INSTALLATION OR MATERIALS SHALL BE AT NO ADDITIONAL EXPENSE TO THE OWNER. WORK SHALL BE COORDINATED WITH OWNER AND PERFORMED AT SUCH TIME AND IN SUCH MANNER TO CAUSE MINIMAL INTERRUPTION AND INCONVENIENCE TO OWNERS OPERATIONS.

SECTION 017329 - CUTTING AND PATCHING

1.01 SECTION INCLUDES REQUIREMENTS FOR CUTTING, FITTING AND PATCHING OF THE WORK TO MAKE SEVERAL PARTS FIT TOGETHER.

1.02 UNCOVER WORK TO PROVIDE FOR INSTALLATION, INSPECTION, OR BOTH, OF OUT-OF-SEQUENCE WORK. REMOVE AND REPLACE WORK NOT CONFORMING TO REQUIREMENTS OF CONTRACT DOCUMENTS. REMOVE AND REPLACE DEFECTIVE WORK.

2.01 FOR REPLACEMENT OF WORK REMOVED, USE MATERIALS WHICH MATCH AND ARE COMPATIBLE WITH EXISTING.

3.01 INSPECT EXISTING CONDITIONS, INCLUDING ELEMENTS SUBJECT TO MOVEMENT OR DAMAGE DURING CUTTING, EXCAVATING, BACK FILLING AND PATCHING.

3.02 PERFORM CUTTING AND PATCHING IN A MANNER TO PREVENT DAMAGE TO OTHER WORK AND TO PROVIDE PROPER SURFACES FOR THE INSTALLATION OF MATERIALS, EQUIPMENT AND REPAIRS. DO NOT CUT OR ALTER STRUCTURAL MEMBERS WITHOUT PRIOR APPROVAL.

3.03 FINISH OR REFINISH AS REQUIRED, CUT AND PATCHED SURFACES TO MATCH ADJACENT FINISHES. PAINT OVER COMPLETE SURFACE PLANE, UNLESS OTHERWISE INDICATED. OVER PATCHED WALL OR CEILING SURFACES, PAINT TO NEAREST CUTOFF LINE FOR ENTIRE SURFACE. SUCH AN INTERSECTION WITH ADJACENT WALL OR CEILING, BEAM, PLASTERS OR TO NEAREST OPENING FRAME, UNLESS OTHERWISE INDICATED. PAINTED SURFACES SHALL NOT PRESENT A SPOTTY, TOUCHED-UP APPEARANCE.

SECTION 024119 - SELECTIVE STRUCTURE DEMOLITION

1.01 COMPLY WITH ANSI A10.6 "AMERICAN NATIONAL STANDARD SAFETY REQUIREMENTS FOR DEMOLITION"

1.02 DEMOLITION PLAN INDICATING AND DESCRIBING SEQUENCE, METHODS AND EQUIPMENT PROPOSED FOR ACCOMPLISHING DEMOLITION. DEMOLITION SHALL NOT COMMENCE UNTIL THE DEMOLITION PLAN HAS BEEN ACCEPTED. COORDINATE DEMOLITION SCHEDULE WITH OWNERS REPRESENTATIVE.

1.03 ERECT AND MAINTAIN TEMPORARY BRACING, SHORING, LIGHTS, BARRICADES, SIGNS AND OTHER MEANS TO PROTECT THE PUBLIC, WORKERS AND OTHER PERSONS. FINISHES AND IMPROVEMENTS TO REMAIN AND ADJOINING PROPERTY FROM DAMAGE FROM DEMOLITION WORK, IN ACCORDANCE WITH APPLICABLE REGULATORY REQUIREMENTS.

2.01 MATERIALS FORMING PORTIONS OF THE PERMANENT STRUCTURE DESIGNATED FOR DEMOLITION SHALL BECOME THE CONTRACTOR'S PROPERTY. REMOVE AND DISPOSE OF SUCH MATERIALS UNLESS OTHERWISE INDICATED OR SPECIFIED.

2.02 CAREFULLY DISCONNECT AND REMOVE ITEMS TO BE SALVAGED, STORE AND PROTECT ITEMS REMOVED AND INDICATED FOR REUSE IN THE WORK.

2.03 REMOVAL OF ITEMS NOT INDICATED FOR REMOVAL ON THE DRAWINGS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO REMOVAL.

3.01 PRIOR TO STARTING DEMOLITION, MAKE INSPECTION AND REPORT OBSERVABLE DEFECTS AND STRUCTURAL WEAKNESSES OF CONSTRUCTION DESIGNATED FOR DEMOLITION, OF ADJACENT STRUCTURES AND OF OTHER IMPROVEMENTS TO REMAIN.

3.02 REMOVE MATERIALS CAREFULLY, PROVIDING FOR NEAT AND STRUCTURALLY SOUND JUNCTIONS BETWEEN EXISTING AND NEW MATERIALS.

3.03 PROTECT EXISTING STRUCTURES, FACILITIES, AND EQUIPMENT FROM DAMAGE. ITEMS DAMAGED AS A RESULT OF DEMOLITION OPERATIONS SHALL BE REPAIRED OR REPLACED AT NO INCREASE IN CONTRACT SUM.

3.04 PERFORM DEMOLITION TO PROVIDE THE LEAST INTERFERENCE AND MOST PROTECTION TO EXISTING FACILITIES AND IMPROVEMENTS TO REMAIN.

3.05 CLEAN REMAINING SURFACES OF LOOSE PARTICLES AND DUST.

3.06 REMOVE DEACTIVATED MECHANICAL, PLUMBING AND SPRINKLER PIPING, DUCT AND ELECTRICAL CONDUIT, INCLUDING FASTENINGS, CONNECTIONS AND OTHER RELATED APPURTENANCES AND ACCESSORIES WHICH WOULD OTHERWISE BE EXPOSED IN THE COMPLETED WORK OR INTERFERE WITH CONSTRUCTION OPERATIONS. CAP DEACTIVATED PIPING SYSTEMS AT POINTS OF CUTOFF.

3.07 REGULARLY REMOVE DEBRIS FROM THE SITE SO THAT ITS PRESENCE WILL NOT DELAY THE PURPOSE OF THE WORK. CLEAN SURFACES ON WHICH NEW MATERIALS WILL BE APPLIED, REMOVING ADHESIVE MECHANICAL FASTENERS SHALL BE FLUSH, COUNTERSINKING SCREWS OR BOLTS, MAKE SUBSTRATES FOR NEW MATERIALS.

3.08 REFRIGERANT SHALL BE REMOVED BY AN EPA APPROVED TECHNICIAN

**SECTION 07900 - JOINT SEALANTS**

1.01 PROVIDE SEALANT MATERIALS SUITED FOR INDICATED USE FOR A WEATHER AND WATER TIGHT INSTALLATION. SEALANTS SHALL BE COMPATIBLE WITH ADJACENT MATERIALS. PROVIDE JOINT SEALANT AND ACCESSORIES FOR EACH TYPE OF JOINT FROM A SINGLE SOURCE UNLESS OTHERWISE NOTED. AREAS TO BE CAULKED INCLUDE: GLASS WINDOWS, EXTERIOR DOOR FRAMES, SILLS, AND THRESHOLDS, WOOD ON WOOD TRIM JOINTS AND SPLICES, SINKS AND TOILETS TO WALLS AND FLOORS, DRYWALL TO ALUMINUM AND HOLLOW METAL WINDOW/DOOR FRAMES, JOINTS NECESSARY TO PROVIDE A WATERTIGHT CONDITION.

## 1.02 SUBMITTALS:

- MANUFACTURER'S LITERATURE STATING PRODUCTS ARE COMPATIBLE WITH PROPOSED APPLICATIONS.
- PRODUCT DATA INCLUDING SEALANT CHEMICAL CHARACTERISTICS, PERFORMANCE CRITERIA, LIMITATIONS, COLOR AVAILABILITY AND APPLICATION INSTRUCTIONS.
- SUBMIT (2) SAMPLES 1/4" IN DIAMETER X 4" IN SIZE ILLUSTRATING MANUFACTURER'S FULL LINE OF COLOR SELECTIONS FOR EACH EXPOSED PRODUCT FOR SELECTION BY THE ARCHITECT.

1.03 QUALITY ASSURANCE: JOINT SEALANT SHALL MAINTAIN PERMANENTLY AIRTIGHT AND WATERTIGHT CONTINUOUS SEALS. WITHIN RECOGNIZED LIMITATIONS OF WEAR AND AGING, FAILURE TO PRODUCE SUCH A SEAL WILL BE RECOGNIZED AS A FAILURE OF MATERIALS AND WORKMANSHIP.

## 1.04 MATERIALS:

- SEALANT TYPE APPLICATION:
- POLYURETHANE HORIZONTAL CONTROL JOINTS IN CONCRETE FLOORING AND (SELF LEVELING) AT JUNCTURES BETWEEN THIS MATERIAL AND ADJACENT MATERIALS. COMPLY WITH ASTM C-920.
  - SILICONE SEALING OF JOINTS BETWEEN COUNTER SPLASHES AND (GEN. PURPOSE) ADJACENT TOPS & WALLS. COMPLY WITH ASTM C-920.
  - SILICONE GENERAL CAULKING AS PART OF INTERIOR PAINTING IN JOINTS (PAINTABLE) SUBJECT TO MOVEMENT.
  - ACRYLIC LATEX GENERAL CAULKING AS PART OF INTERIOR PAINTING COMPLY WITH ASTM C-834.

1.05 PROVIDE TWO (2) YEAR WARRANTY, AT MINIMUM.

2.01 1-PART POLYURETHANE SEALANTS: POLYURETHANE BASE 1 PART ELASTOMERIC SEALANT, COMPLYING WITH FED. SPEC. TT-S-02930C, TYPE II CLASS A, WITH ELONGATION AND COMPRESSION OF NOT LESS THAN 25 PERCENT. ASTM C-920, TYPE S, CLASS 25, GRADE NS. USE FOR INTERIOR JOINTS SUBJECT TO MOVEMENT.

2.02 HIGH MODULUS SILICONE RUBBER SEALANT: ONE PART NONCURE CURING SILICONE. USE FOR JOINTS RELATED TO STRUCTURAL GLAZING.

2.03 MILDEW-RESISTANT SILICONE RUBBER SEALANT: SILICONE RUBBER BASE, 1 PART MILDEW RESISTANCE SEALANT WITH INTEGRAL FUNGICIDE COMPLYING WITH FED. SPEC. TT-S-001545, CLASS A. SPECIFICALLY RECOMMENDED BY MANUFACTURER FOR INTERIOR JOINTS IN WET AREAS AROUND PLUMBING FIXTURES AND CERAMIC TILE. USE FOR JOINTS IN CERAMIC TILE WALLS AND FLOORS, AROUND EQUIPMENT, AND AROUND PLUMBING FIXTURES.

2.04 ACRYLIC SEALANTS: GENERAL PURPOSE, PAINTABLE ACRYLIC-EMULSION SEALANT WITH PLUS 7.5 PERCENT TO MINUS 7.5 PERCENT MOVEMENT, COMPLYING WITH ASTM C834. USE FOR INTERIOR JOINTS NOT SUBJECT TO MOVEMENT.

2.05 FOAM GASKET SEAL: PRE COMPRESSED, IMPREGNATED OPEN-CELL FOAM SEALANT INCORPORATING PERMANENTLY ELASTIC OPEN CELL POLYURETHANE FOAM. MANUFACTURER'S STANDARD IMPREGNATING AGENT AND PRESSURE SENSITIVE BACKING. RESILIENT TO -26 DEGREES F FOR EXTERIOR USE AND WHERE OTHERWISE SUBJECT TO LOW TEMPERATURES.

2.06 PRIMER: AS RECOMMENDED BY SEALANT MANUFACTURER.

2.07 BOND BREAKER: PRESSURE-SENSITIVE ADHESIVE POLYETHYLENE TAPE.

2.08 JOINT CLEANER: NON-CORROSIVE AND NON-STAINING TYPE, RECOMMENDED BY SEALANT MANUFACTURER, COMPATIBLE WITH JOINT FORMING MATERIALS.

2.09 COLORS: SEALANT COLOR SHALL BE SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLORS.

3.01 PREPARATION OF JOINTS, CLEANING, PRIMING, STORAGE AND HANDLING OF SEALANTS AND PARTICULAR METHODS OF INSTALLATION SHALL CONFORM TO RECOMMENDATIONS OF SEALANT MANUFACTURER FOR EACH SPECIFIC TYPE OF INSTALLATION.

3.02 SEALANT DEPTH SHALL BE 2 TO ONE TIMES THE JOINT WIDTH, BUT NOT LESS THAN 1/4 INCH OR MORE THAN 2 INCH UNLESS OTHERWISE REQUIRED IN SPECIAL CASES.

3.03 APPLY SOLID AND CONTINUOUS BEAD OR BED OF SEALANT TO FILL JOINT WITHOUT VOIDS. CONFINE SEALANT TO JOINT OR AREAS TO BE SEALED AND FINISH TO NEAT STRAIGHT LINES.

3.04 ALL SEALANTS TO MEET THE FOLLOWING MINIMUM VOC LIMIT REQUIREMENTS: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE 1168.
 

- ARCHITECTURAL - 250 G/L
- POROUS ARCHITECTURAL SEALANT PRIMER - 775 G/L
- NON-POROUS ARCHITECTURAL SEALANT PRIMER - 250 G/L

3.05 ALL ARCHITECTURAL COATINGS TO MEET THE FOLLOWING MINIMUM VOC LIMIT REQUIREMENTS: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE 1133.
 

- BOND BREAKERS - 350 G/L

3.06 ALL AEROSOL ADHESIVES TO MEET THE FOLLOWING MINIMUM VOC LIMIT REQUIREMENTS: GREEN SEAL STANDARD 65-34.
 

- GENERAL PURPOSE MIST SPRAY - 65% VOC'S BY WEIGHT

**SECTION 08113 - HOLLOW METAL DOORS AND FRAMES**

1.01 STEEL DOORS AND FRAMES SHALL COMPLY WITH ANSISD1 100 AND THE REQUIREMENTS SPECIFIED.

1.02 SUBMIT: MANUFACTURER'S PRODUCT DATA, INCLUDING SPECIFICATIONS, SHOP DRAWINGS COVERING EACH TYPE OF DOOR, FRAME, FRAME CONDITION AND COMPLETE ANCHORAGE DETAILS. INCLUDE SCHEDULE AND FOLLOW DOOR NUMBERING SYSTEM USED ON ARCHITECTURAL DRAWINGS.

1.03 DELIVERY, STORAGE, AND HANDLING: COMPLY WITH MANUFACTURER'S ORDERING INSTRUCTION AND LEAD TIME REQUIREMENTS TO AVOID CONSTRUCTION DELAYS. DELIVER MATERIAL, IN MANUFACTURER'S ORIGINAL UNOPENED UNDAMAGED CONTAINERS WITH IDENTIFICATION LABELS INTACT. STORE MATERIALS PROTECTED FROM EXPOSURE TO HARMFUL WEATHER CONDITIONS. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR STORAGE AND HANDLING. DOORS AND FRAMES SHALL BE STORED IN AN UPRIGHT POSITION.

1.04 WARRANTY: DOORS SHALL BE WARRANTED BY THE MANUFACTURER TO BE FREE FROM MANUFACTURING DEFECTS FOR A PERIOD OF NOT LESS THAN 18 MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION. WARRANTY SHALL PROVIDE FOR REPAIR OR REPLACEMENT OF THE DOOR AS ORIGINALLY INSTALLED.

2.01 DOORS: COMMERCIAL QUALITY COLD-ROLLED SHEET STEEL. STEEL FOR DOOR FACES SHALL STRETCHER LEVELLED, HEAVY DUTY, SEAMLESS, IN ACCORDANCE WITH THE REQUIREMENTS OF SDI 100 FOR GRADE II, MODEL 3 DOORS. INTERIOR SHALL BE 18 GAUGE, 1-3/4 INCHES THICK.

2.02 FRAMES: ONE PIECE, FULLY WELDED, 16 GAUGE, COLD OR HOT-ROLLED SHEET STEEL.

2.03 ANCHORS: PROVIDE ANCHORS AT EACH JAMB AS FOLLOWS FOR EACH 2'-0" OF DOOR HEIGHT OR FRACTION THEREOF: FABRICATE FROM MINIMUM 1/2 INCH SHEET STEEL. VARY ANCHOR TYPES TO PROVIDE POSITIVE FASTENING TO ADJACENT CONSTRUCTION. SECURE A METAL CLIP ANGLE AT BOTTOM OF EACH JAMB MEMBER FOR ANCHORING TO FLOOR, WITH A MINIMUM OF TWO FASTENERS.

2.04 PREPARE STEEL DOOR FRAMES TO RECEIVE HARDWARE. FURNISH APPROVED HARDWARE SCHEDULE, HARDWARE TEMPLATES AND SAMPLES OF PHYSICAL HARDWARE WHERE NECESSARY TO ENSURE CORRECT FITTING AND INSTALLATION. PREPARE SINKAGES AND CUTOUTS FOR MORTISED AND CONCEALED HARDWARE. HARDWARE PREPARATION FOR LABELED OPENINGS SHALL CONFORM TO THE REQUIREMENTS OF THE LABELING AUTHORITY. PROVIDE REINFORCEMENTS FOR BOTH CONCEALED AND SURFACE APPLIED HARDWARE.

2.05 GLAZED OPENINGS: LOCATIONS AND SIZES AS INDICATED ON DRAWINGS. COMPLY WITH REQUIREMENTS OF SECTION 08810.

2.06 PAINTED FINISH AS INDICATED IN FINISH SCHEDULE / FRAME TYPES / DOOR SCHEDULE.

3.01 INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE REQUIREMENTS OF STEEL DOOR INSTITUTE (SDI) 100, AND THE REQUIREMENTS OF THE LABELING AUTHORITY.

3.02 APPLY HARDWARE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS, TAKING CARE NOT TO DAMAGE HARDWARE, DOORS, FRAMES AND THEIR FINISHES. ADJUST AND LUBRICATE, AS REQUIRED FOR PROPER OPERATION.

**SECTION 08116 - FLUSH WOOD DOORS**

## 1.01 QUALITY ASSURANCE:

- NON-FIRE RATED WOOD DOORS SHALL BE 5-PLY PREMIUM GRADE, BANDED CORE IN ACCORDANCE WITH AWI AND DOOR MANUFACTURERS ASSOCIATION "ARCHITECTURAL WOOD FLUSH DOORS" IS 14-04.
- AWI - QUALITY STANDARDS OF THE AMERICAN WOODWORK INSTITUTE (AWI).
- FACE SPECIES: DOOR FACE VENEER SPECIES TO BE AWI GRADE AA.

## 1.02 SUBMITTALS:

- MANUFACTURER'S PRODUCT CONSTRUCTION DATA, INCLUDING SPECIFICATIONS, INSTALLATION INSTRUCTIONS, DETAILS OF CORE AND EDGE CONSTRUCTION, TRIM FOR LIGHT OPENINGS, AND SIMILAR COMPONENTS; SHOP DRAWINGS, INCLUDING DOOR TYPE AND SIZE, HARDWARE TYPES, LOCATIONS AND BLOCKING REQUIREMENTS, CUTOUTS, AND PRE-FINISH SYSTEM TYPE AND APPROVED COLOR INCLUDING SCHEDULE.
- SUBMIT THE FOLLOWING:
  - SHOP DRAWINGS ILLUSTRATING DOOR OPENING CIRCLE ELEVATIONS, SIZES, TYPES, SWINGS, UNDERCUTS REQUIRED, SPACING, BEVELING ETC.
  - PRODUCT DATA.
  - TWO (2) 8" X 8" SAMPLES OF DOOR FINISH.
  - THREE (3) MANUFACTURER'S STANDARD COLOR CHARTS, FOLLOWED BY A PHYSICAL SAMPLE OF COLOR SELECTED FOR FINISHING. ARCHITECT HAS THE OPTION TO FURNISH A COLOR FOR THE MANUFACTURER TO MATCH.

1.03 DOORS SHALL BE WARRANTED BY THE MANUFACTURER TO BE FREE OF MANUFACTURING DEFECTS FOR THE LIFE OF THE ORIGINAL INSTALLATION. WARRANTY SHALL PROVIDE FOR REPAIR OR REPLACEMENT OF THE DOOR AS ORIGINALLY FURNISHED.

1.04 DELIVER DOOR IN PROTECTIVE WRAPPING.

2.01 PRODUCTS: SUPPLY DOORS FROM ONE OF THE FOLLOWING MANUFACTURERS: ALGOMA HARDWOODS, INC., EGGERS INDUSTRIES, MARSHFIELD DOOR SYSTEMS, VT INDUSTRIES OR EQUAL. ALL WOOD DOORS ON THE PROJECT SHALL BE BY ONE MANUFACTURER TO ENSURE UNIFORMITY IN APPEARANCE AND CONSTRUCTION.

A. WOOD SPECIES: (WO) SEE FINISH SCHEDULE FOR SPECIFICATIONS

2.02 FLUSH DOORS SHALL BE SOLID CORE CONSTRUCTION, HARDBOARD OR VENEER FACING AS SPECIFIED, 1-3/4 INCH THICK.

2.03 DOORS SHALL BE FACTORY PREPARED FOR HARDWARE.

2.04 ALL WOOD DOORS SHALL BE COMPLETELY FACTORY FINISHED USING THE MANUFACTURER'S STANDARD FINISH THAT MEETS OR EXCEEDS THE PERFORMANCE CRITERIA FOR AWI UV CURABLE POLYESTER URETHANE FINISH SYSTEM OR CONVERSION VARNISH.

3.01 INSTALL DOORS IN ACCORDANCE WITH WDMA IS 14-04 AND SPECIFIC MANUFACTURER'S INSTALLATION INSTRUCTION. FIT TO FRAMES AND PREPARE FOR HARDWARE NOT PRE-FITTED AT FACTORY. DOORS SHALL BE PLUMB IN ALL POSITIONS, FLAT IN THE FRAME AND SHALL OPERATE SMOOTHLY AND QUIETLY.

3.02 PROTECT DOORS FOLLOWING INSTALLATION FROM DAMAGE AS A RESULT OF PROJECT COMPLETION.

3.03 UNDERCUT DOORS 1/2" (3/4" AT RESTROOMS) MAX. TO FINISHED FLOOR UNLESS NOTED OTHERWISE. TOUCH-UP DOOR FINISH AFTER UNDERCUTTING.

3.04 PROVIDE TWO (2) YEAR INSTALLER WARRANTY.

**SECTION 08119 - ACCESS DOORS & FRAMES**

2.01 FRAME SHALL BE MINIMUM 1/2 GAUGE STEEL WITH MINIMUM 0.75 INCHES STEEL DOOR PANELS. FURNISH DOORS WITH DRYWALL BEAD GALVANIZED STEEL, HARDWARE MANUFACTURERS STANDARD AND FACTORY APPLIED BAKED ENAMEL PRIME COAT FINISH.

2.02 FABRICATE DOORS WITH CONCEALED, SPRING TYPE HINGES OPENING TO 175 DEGREES AND FLUSH, SCREWDRIVER OPERATED LOCKS WITH METAL CAMS.

2.03 WALL ACCESS DOORS: FOR FLUSH INSTALLATION IN GYPSUM WALLBOARD, MILCOR STYLE DW MANUFACTURED BY NRYCO, INC., NYSFROM, ACCESS DOORS IN FIRE-RATED WALLS SHALL BE FIRE RATED AS REQUIRED, NOMINAL 1/2 INCH SQUARE.

2.04 CEILING ACCESS DOORS, DOWNWARD OPENING:
 

- RECESSED PANEL TYPE: FOR INSTALLATION OF ACOUSTICAL MATERIAL, BILCO CD-1, MILCOR NRYCO, INC., OR APPROVED EQUAL, NOMINAL 300MM SQUARE FOR ACCESS TO VALVES, AND 24 INCH SQUARE FOR ACCESS TO DUCTS.
- FLUSH TYPE: FOR INSTALLATION IN GYPSUM WALLBOARD CEILINGS, SIMILAR TO RECESSED PANEL TYPE, EXCEPT WITH FLUSH PANEL, NOMINAL 12 INCHES SQUARE FOR ACCESS TO VALVES, AND 24 INCHES SQUARE FOR ACCESS TO DUCTS.

3.01 INSTALL ACCESS DOORS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTION AND SHOP DRAWINGS AS APPROVED, FOR ACCESS TO VALVES, DUCTWORK, AND OTHER WORK PROVIDED.

**SECTION 08110 - HARDWARE**

1.01 FURNISH COMPLETE HARDWARE SCHEDULE AND PRODUCT CATALOG CUTS FOR APPROVAL BY ARCHITECT. A STATEMENT OF OMISSION, DISCREPANCY, OR ERROR SHOULD BE DIRECTED TO ARCHITECT WHERE ITEMS OF HARDWARE NOT DEFINITELY OR CORRECTLY SPECIFIED ARE REQUIRED FOR COMPLETION OF WORK.

1.02 FURNISH HARDWARE TEMPLATES NECESSARY FOR PREPARATORY WORK AND HARDWARE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

1.03 DELIVER EACH HARDWARE ITEM OR SET SEPARATELY PACKAGED AND IDENTIFIED FOR USE IN THE WORK.

2.01 SUBMIT THE FOLLOWING:

- HARDWARE SCHEDULE.
- PRODUCT DATA.

2.02 HARDWARE (HW): SEE DOOR SCHEDULE FOR SPECIFICATIONS.

2.03 ELECTRONIC SECURITY: WHERE INDICATED, PROVIDE ELECTRIC LATCH RETRACTION PANIC DEVICES, ELECTRIC HINGES, DOOR CONTACT, POWER SUPPLIES, AND RELATED SUPPORT DEVICES TO INTERFACE WITH OWNER SUPPLIED CARD READERS.

3.01 INSTALL HARDWARE IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND APPLICABLE SECURITY AND ENERGY CONSERVATION REGULATIONS, UNLESS OTHERWISE NOTED. MOUNT LEVERS, PUSH/PULL PLATES, HANDLES, LOOKS, ETC. AT MANUFACTURER'S STANDARD MOUNTING HEIGHTS, BUT IN NO CASE GREATER THAN ADA REQUIREMENTS WHERE APPLICABLE.

3.02 PROVIDE ENTRANCE CYLINDERS TO GLAZING CONTRACTOR FOR ENTRANCES.

3.03 FIRE-RATED OPENINGS: PROVIDE HARDWARE FOR FIRE-RATED OPENINGS IN COMPLIANCE WITH NFPA 80. THIS REQUIREMENT TAKES PRECEDENCE OVER OTHER REQUIREMENTS FOR SUCH HARDWARE. PROVIDE ONLY SUCH HARDWARE WHICH HAS BEEN TESTED AND LISTED BY UL FOR THE TYPE AND SIZE OF DOOR REQUIRED, AND COMPLY WITH THE REQUIREMENTS OF THE DOOR AND THE DOOR FRAME LABELS LATCHING HARDWARE, DOOR CLOSERS, BALL BEARING HINGES, AND SEALS ARE REQUIRED WHETHER OR NOT LISTED IN THE HARDWARE SCHEDULE.

1. WHERE PANIC EXIT DEVICES ARE REQUIRED ON FIRE-RATED DOORS, PROVIDE SUPPLEMENTARY MARKINGS ON DOOR UL LABEL ON EXIT DEVICE INDICATING "FIRE EXIT HARDWARE."

3.04 KEYING WILL BE COORDINATED BETWEEN TENANT, OWNER AND/OR LANDLORD.

3.05 PROVIDE TWO (2) YEAR WARRANTY.

**SECTION 08210 - GYPSUM BOARD ASSEMBLIES**

1.01 COMPLY WITH THE FOLLOWING GENERAL STANDARDS:

- ASTM C645, C754 AND GA-216 FOR SPECIFICATION AND INSTALLATION OF STEEL FRAMING MEMBERS
- ASTM C26 FOR GYPSUM WALLBOARD
- ASTM C840 FOR APPLICATION AND FINISHING OF GYPSUM BOARD, WALL TOLERANCES: MAXIMUM VARIATION FROM FLATNESS - 1/8 INCH IN 10 FEET IN ANY DIRECTION
- ASTM C79 FOR GYPSUM SHEATHING

1.02 COORDINATE INSTALLATION AND WALL LAYOUT WITH ELECTRICAL AND MECHANICAL WORK. PROVIDE BLOCKING AND BACKING AS REQUIRED, COORDINATE FIRE STOPPING APPLICATION.

2.01 WALL TEXTURE TO HAVE SMOOTH SURFACE AFTER TAPE & BED AND READY TO RECEIVE NEW FINISHES AS SPECIFIED IN FINISH SCHEDULE. PROVIDE LEVEL 4 FINISH UNLESS OTHERWISE NOTED.

2.02 PROVIDE METAL CORNER BEADS AT VERTICAL AND HORIZONTAL EXTERIOR CORNERS AND METAL J TRIM OR L TRIM AT COVERED EDGE CONDITIONS.

2.03 SUBMIT THE FOLLOWING:
 

- PRODUCT DATA ON METAL FRAMING, GYPSUM BOARD, JOINT TAPE.
- TWO (2) 12" X 12" OF EACH GYPSUM BOARD FINISH TEXTURE.
- MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR EACH PRODUCT PROPOSED FOR USE.

2.04 PROVIDE DRYWALL ACCESSORIES AS DETAILED ON DRAWINGS.
 

- CASING BEADS USG 200-B METAL TRIM OR EQUAL.
- CORNER BEADS USG DURABEAD REINFORCED.
- EXPANSION JOINTS BREAK METAL, AS INDICATED.

3.01 PROVIDE WALL/CILING FRAMING SYSTEMS AS SHOWN ON PLANS. SELECT STUD GAUGE BASE ON HEIGHT/SPAN RATIO OF MEMBER AND MANUFACTURER. INSTALL FASTENERS NO GREATER THAN 24 INCHES O.C. OR AS REQUIRED BY CODE.

3.02 DOUBLE STUD JAMBS AT OPENINGS.

3.03 SPLICE FLOOR AND CEILING TRACK FOR PROPER ALIGNMENT.

3.04 FURNISH AND INSTALL BLOCKING REQUIRED FOR DOORS, HARDWARE, ACCESSORIES, CABINETS, ETC. SHOWN ON PLANS. COORDINATE LOCATION OF MECHANICAL/ELECTRICAL AND PLUMBING ASSEMBLIES WITH WALL ASSEMBLY.

3.05 INSTALL MULTIPLE LAYERS OF GYPSUM BOARD PERPENDICULAR TO EACH OTHER.

3.06 PROVIDE SLIP JOINT CONNECTION AT INTERSECT OF DECK FOR UNINTERRUPTED PARTITIONS INSTALLED FLOOR TO DECK.

3.07 PROVIDE LATERAL WALL BRACING WHERE NECESSARY FOR A RIGID, STABLE INSTALLATION.

3.08 CEILING FRAMING SHALL BE INSTALLED INDEPENDENT OF WALLS, COLUMNS, AND ABOVE CEILING WORK. COORDINATE LOCATION OF HANGER WIRE WITH OTHER TRADES. INSTALL RC CHANNELS 24 INCHES O.C. MAXIMUM IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

3.09 INSTALL NON-HARDENING/NON-SKINNING ACOUSTICAL SEALANT IN WALLS DESIGNED FOR ACOUSTICAL ATTENUATION PER MANUFACTURER'S REQUIREMENTS. INSTALL ACOUSTICAL INSULATION (FS HI 1521, PRE-FORMED MINERAL WOOL FIBRATION FIT WITHOUT VAPOR BARRIER) TIGHT WITHIN SPACES, BEHIND AND AROUND ELECTRICAL AND MECHANICAL ITEMS AND TIGHT TO ITEMS PASSING THROUGH WALL ASSEMBLY.

3.10 FIRE CAULK AROUND PENETRATIONS IN FIRE AND ACOUSTICAL ASSEMBLIES.

**SECTION 09216 - NON-STRUCTURAL METAL FRAMING**

1.01 SECTION INCLUDES:
 

- NON-LOAD-BEARING STEEL FRAMING SYSTEMS FOR INTERIOR GYPSUM BOARD ASSEMBLIES.

## 2.01 PERFORMANCE REQUIREMENTS

- FIRE-TEST RESISTANCE CHARACTERISTICS: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED ACCORDING TO ASTM E 119.
- STC-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY INDICATED ACCORDING TO ASTM E 413 AND E CLASSIFIED ACCORDING TO ASTM E 413.

## 2.02 FRAMING SYSTEMS

- STEEL STUDS AND RUNNERS: ASTM C 475. USE EITHER STEEL STUDS AND RUNNERS OR DIMPLED STEEL STUDS AND RUNNERS.
  - MINIMUM BASE-METAL THICKNESS: 0.03 INCH (0.84 MM).
  - SIZE TO INCLUDE TRIPLE RANGE OF COLOR AND TEXTURE.
- SUP-TYPE HEAD JOINTS: WHERE INDICATED, PROVIDE THE FOLLOWING IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND IN WIDTH TO ACCOMMODATE DEPTH OF STUDS:
  - SINGLE LONG-LEG RUNNER SYSTEM: ASTM C 840 TOP RUNNER WITH 2-INCH (51-MM) DEEP FLANGES, INSTALLED WITH STUDS FRICION FIT INTO TOP RUNNER AND WITH CONTINUOUS BRIDGING LOCATED WITHIN 12 INCHES (305 MM) OF THE TOP OF STUDS TO PROVIDE LATERAL BRACING.
  - FLAT STRAP AND BACKING PLATE: STEEL SHEET FOR BLOCKING AND BRACING IN LENGTH AND WIDTH INDICATED.
  - MINIMUM BASE-METAL THICKNESS: 0.033 INCH (0.84 MM).
  - COLD-ROLLED CHANNEL BRIDGING: STEEL, 0.053-INCH (1.34MM) MINIMUM BASE-METAL THICKNESS, WITH MINIMUM 1/2-INCH- (13MM-) WIDE FLANGES.
  - DEPTH: 1-1/2 INCHES (38 MM).
  - CLIP ANGLE: NOT LESS THAN 1-1/2 BY 1-1/2 INCHES (38 BY 38) MM, 0.068-INCH- (1.72MM) THICK, GALVANIZED STEEL.
  - FASTENERS FOR METAL FRAMING: OF TYPE, MATERIAL, SIZE, CORROSION RESISTANCE, HOLDING POWER, AND OTHER PROPERTIES: REQUIRED TO FASTEN STEEL MEMBERS TO SUBSTRATES.

## 3.01 INSTALLATION - GENERAL

- INSTALLATION STANDARD: ASTM C 754.
  - GYPSUM BOARD ASSEMBLIES: ALSO COMPLY WITH REQUIREMENTS IN ASTM C 840 THAT APPLY TO FRAMING INSTALLATION.
- INSTALL SUPPLEMENTARY FRAMING, AND BLOCKING TO SUPPORT FIXTURES, EQUIPMENT SERVICES, HEAVY TRIM, GRAB BARS, TOILET ACCESSORIES, FURNISHINGS OR SIMILAR CONSTRUCTION.
- INSTALL BRACING AT TERMINATIONS IN ASSEMBLIES.
- DO NOT BRIDGE BUILDING CONSTRUCTION AND EXPANSION JOINTS WITH NON-LOAD-BEARING STEEL FRAMING MEMBERS. FRAME BOTH SIDES OF JOINTS INDEPENDENTLY.

## 3.02 INSTALLING FRAMED ASSEMBLIES

- INSTALL FRAMING SYSTEM COMPONENTS ACCORDING TO SPACINGS INDICATED, BUT NOT GREATER THAN SPACINGS REQUIRED BY REFERENCED INSTALLATION STANDARDS FOR ASSEMBLY TYPES.
- WHERE STUDS ARE INSTALLED DIRECTLY AGAINST EXTERIOR MASONRY WALLS OR DISSIMILAR METALS AT EXTERIOR WALLS, INSTALL ISOLATION STRIP BETWEEN STUDS AND EXTERIOR WALL.
- EXTEND JAMB STUDS THROUGH CEILING TO SUSPENDED CEILING. CONTINUE FRAMING AROUND DUCTS PENETRATING PARTITIONS ABOVE CEILING.
- OTHER FRAMED OPENINGS: FRAME OPENINGS OTHER THAN DOOR OPENINGS THE SAME AS REQUIRED FOR DOOR OPENINGS UNLESS OTHERWISE INDICATED. INSTALL FRAMING BELOW SILLS OF OPENINGS TO MATCH FRAMING REQUIRED ABOVE DOOR HEADS.
- SOUND-RATED PARTITIONS: INSTALL FRAMING TO COMPLY WITH SOUND-RATED ASSEMBLY INDICATED.
- CURVED PARTITIONS:
  - BEND TRACK TO UNIFORM CURVE AND LOCATE STRAIGHT LENGTHS SO THEY ARE TANGENT TO ARCS.
  - BEGIN AND END EACH ARC WITH A STUD, AND SPACE INTERMEDIATE STUDS EQUALLY ALONG A RADIUS, ON STRAIGHT LENGTHS OF NO FEWER THAN TWO STUDS AT ENDS OF ARCS, PLACE STUDS 16 INCHES (406 MM) O.C.
- INSTALLATION TOLERANCE: INSTALL EACH FRAME MEMBER BEFORE FASTENING SURFACES VARY NOT MORE THAN 1/8 INCH (3 MM) FROM THE PLANE FORMED BY FACES OF ADJACENT FRAMING.

**SECTION 09216-23 - GYPSUM BOARD SHAFT WALL ASSEMBLIES**

1.01 SECTION INCLUDES: SHAFT WALL ENCLOSURES, CHASE ENCLOSURES

1.02 PROVIDE PRODUCT DATA: FOR EACH COMPONENT OF GYPSUM BOARD SHAFT WALL ASSEMBLY.

## 2.01 PERFORMANCE REQUIREMENTS

- FIRE RESISTANCE RATE ASSEMBLIES: FOR FIRE-RESISTANCE-RATED ASSEMBLIES, PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY INDICATED ACCORDING TO ASTM E 119 BY AN INDEPENDENT TESTING AGENCY.
- LOW EMITTING MATERIALS: FOR CEILING AND WALL ASSEMBLIES, PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY AND COMPLYING WITH THE TESTING AND PRODUCT REQUIREMENTS OF THE CALIFORNIA DEPARTMENT OF HEALTH SERVICES' STANDARD PRACTICE FOR THE TESTING OF VOLATILE ORGANIC EMISSIONS FROM VARIOUS SOURCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS.\*

## 2.02 BASIS OF DESIGN PRODUCT:

- DESIGN DESIGNATION: UL DESIGN NO. U415 SYSTEM B OR U438
- FIRE RESISTANCE RATING: AS INDICATED ON PROJECT PROFILES
- STC RATINGS: 50 MINIMUM.
- STUDS: MANUFACTURER'S STANDARD O.C. CH OR C. PROVIDE FOR REPETITIVE MEMBERS, CORNER AND END MEMBERS, AND FIRE RESISTANCE-RATED ASSEMBLY INDICATED.
  - DEPTH: 4 INCHES MINIMUM
  - MINIMUM BASE-METAL THICKNESS: 20 GAGE
- PRODUCTS: DIETRICH METAL FRAMING, CT STUDS
- RUNNER TRACKS: MANUFACTURER'S STANDARD J-PROFILE STRUT WITH LONG-LEG LENGTH AS STANDARD WITH MANUFACTURER, BUT AT LEAST 2 INCHES (51 MM) LONG AND IN DEPTH MATCHING STUDS.
  - MINIMUM BASE-METAL THICKNESS: MATCH STEEL STUD
- PRODUCTS: DIETRICH METAL FRAMING, CT STUDS
- FIRESTOP TRACKS: TOP RUNNER MANUFACTURED TO ALLOW PARTITION HEADS TO EXPAND AND CONTRACT WITH MOVEMENT OF STRUCTURE WHILE MAINTAINING CONTINUITY OF FIRE-RESISTANCE- RATED ASSEMBLY INDICATED. IN THICKNESS NOT LESS THAN INDICATED FOR STUDS AND IN WIDTH TO ACCOMMODATE DEPTH OF STUDS.
  - PRODUCTS: DIETRICH METAL FRAMING, THE SYSTEM BY METAL-LITE INC.
  - PRODUCTS: FIRE TRAK CORP.
- JAMB STUDS: MANUFACTURER'S STANDARD J-PROFILE STRUT WITH LONG-LEG LENGTH OF 3 INCHES (76 MM), IN DEPTH MATCHING STUDS, AND NOT LESS THAN 20 GAGE, 0.0329 INCH (0.84 MM) THICK.
- ROOM-SIDE FINISH: GYPSUM BOARD.
- SHAFT-SIDE FINISH: GYPSUM SHAFTLINER BOARD, TYPE X, FOR SPECIFIED RATING.
- INSULATION: SOUND ATTENUATION BLANKETS.
- THICKNESS: 3 INCHES.

## 2.03 PANELS PRODUCTS

- RECYCLED CONTENT OF GYPSUM PANEL PRODUCTS: 100% RECYCLED GREEN FACE AND BACK PAPER.
- PANEL SIZE: PROVIDE IN MAXIMUM LENGTHS AND WIDTHS AVAILABLE THAT WILL MINIMIZE JOINTS IN EACH AREA AND THAT CORRESPOND WITH SUPPORT SYSTEM INDICATED.
- GYPSUM SHAFTLINER BOARD: TYPE X, ASTM C 1396/1398; MANUFACTURER'S PROPRIETARY FIRE-RESISTIVE LINER PANELS WITH PAPER FACES.
  - THICKNESS: 1 INCH (25.4 MM).
  - LONG EDGES: DOUBLE BEVEL.
- MANUFACTURERS: PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:
  - AMERICAN GYPSUM SHAFT LINER, AMERICAN GYPSUM COMPANY
  - PROCOR SHAFTLINER, SPIE AMERICA INC.
  - TOUGH ROCK FIREGUARD SHAFTLINER, G-P GYPSUM
  - FIRE SHIELD SHAFTLINER, NATIONAL GYPSUM COMPANY
- SHEETROCK BRAND GYPSUM LINER PANEL, USG CORPORATION
- GYPSUM BOARD: AS SPECIFIED IN SECTION 09210 "GYPSUM BOARD ASSEMBLIES"

## 3.01 INSTALLATION

- GENERAL: INSTALL GYPSUM BOARD SHAFT WALL ASSEMBLIES TO COMPLY WITH REQUIREMENTS OF FIRE-RESISTANCE-RATED ASSEMBLIES INDICATED, MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AND ASTM C 754 OTHER THAN STUD-SPACING REQUIREMENTS.
- DO NOT BRIDGE BUILDING EXPANSION JOINTS WITH SHAFT WALL ASSEMBLIES; FRAME BOTH SIDES OF EXPANSION JOINTS WITH BRACING AND OTHER SUPPORT.
- INSTALL SUPPLEMENTARY FRAMING IN GYPSUM BOARD SHAFT WALL ASSEMBLIES AROUND OPENINGS AND AS REQUIRED FOR BLOCKING, BRACING, AND SUPPORT OF GRAVITY AND PULLOUT LOADS OF FIXTURES, EQUIPMENT, SERVICES, HEAVY TRIM, FURNISHINGS, WALL-MOUNTED DOOR STOPS, AND SIMILAR ITEMS THAT CANNOT BE SUPPORTED DIRECTLY BY SHAFT WALL ASSEMBLY FRAMING.
  - REINFORCING: WHERE HANDRAILS DIRECTLY ATTACH TO GYPSUM BOARD SHAFT WALL ASSEMBLIES, PROVIDE GALVANIZED STEEL REINFORCING STRIP WITH 0.033-INCH (0.84-MM) MINIMUM THICKNESS OF BASE METAL (UNCOATED), ACCURATELY POSITIONED AND SECURED BEHIND AT LEAST ONE LAYER OF FACE PANEL.
  - PENETRATIONS: AT PENETRATIONS IN SHAFT WALL, MAINTAIN FIRE-RESISTANCE RATINGS OF SHAFT WALL ASSEMBLY BY INSTALLING SUPPLEMENTARY STEEL FRAMING AROUND PERIMETER OR PANELS, WHILE MAINTAINING CONTINUITY OF FIRE-RATED CONSTRUCTION.
  - ELEVATOR CALL BUTTONS, ELEVATOR FLOOR INDICATORS, AND SIMILAR ITEMS.
- ISOLATE PERIMETER OF GYPSUM PANELS FROM BUILDING STRUCTURE TO PREVENT CRACKING OF PANELS, WHILE MAINTAINING CONTINUITY OF FIRE-RATED CONSTRUCTION.
- FIRESTOP TRACKS: WHERE INDICATED, INSTALL TO MAINTAIN CONTINUITY OF FIRE-RESISTANCE-RATED ASSEMBLY INDICATED.

**SECTION 09300 - TILING**

## 1.01 REFERENCES:

Checked by:

Drawn by:

**SECTION 097200 - WALL COVERINGS**

- 1.01 PROVIDE TYPE II WALL COVERINGS AS SCHEDULED, AND MATERIALS SHALL BE UL LABELED IN ACCORDANCE WITH ASTM E84, CLASS 1 CHARACTERISTICS.
  - 1. FLAME SPREAD: 25 OR LESS.
  - 2. SMOKE DEVELOPED: 450 OR LESS.
- 2.01 PRODUCTS (WC): SEE FINISH SCHEDULE FOR SPECIFICATIONS
- 2.02 SUBMIT THE FOLLOWING:
  - 1. PRODUCT DATA.
  - 2. TWO (2) MINIMUM SIZE 6" X 8" SAMPLES OF EACH SCHEDULED PRODUCT.
  - 3. PROVIDE WARRANTIES.
- 3.01 SURFACE PREPARATION: REMOVE HARDWARE, ACCESSORIES, PLATES & SIMILAR ITEMS TO ALLOW WALL COVERING TO BE INSTALLED. STORE IN A SECURE PLACE.
- 3.02 CLEAN SUBSTRATES TO RECEIVE WALL COVERING OF ALL DIRT, DEBRIS, WAX, AND ADHESIVES THAT COULD IMPAIR BONDING OF MATERIALS.
- 3.03 GYPSUM BOARD SURFACES: RECESS NAILS AND SCREWS. REPAIR IRREGULAR TAPE JOINTS, SAND AND REMOVE DUST. ENSURE GYPSUM WALLBOARD SURFACES SCHEDULED TO RECEIVE WALL COVERING ARE PROPERLY PRIMED UNDER SECTION 099100.
- 3.04 WHEREVER PRACTICABLE, INSTALL WALL COVERING BEFORE THE INSTALLATION OF FIXTURES, CABINETS, ETC. REMOVE SWITCHPLATES, WALLPLATES, AND SURFACE-MOUNTED FIXTURES AND CUT WALL COVERING EVENLY TO THE EDGES OF THE OUTLET BOX OR SUPPORT.
- 3.05 MATERIALS ARE TO BE INSTALLED ONLY BY TRAINED INSTALLER QUALIFIED BY THE MANUFACTURER.
- 3.06 MATERIALS ARE TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
  - 1. INSTALL SPECIFIED MATERIALS ONLY WHEN NORMAL TEMPERATURE AND HUMIDITY CONDITIONS APPROXIMATE THE INTERIOR CONDITIONS THAT WILL EXIST WHEN THE BUILDING IS OCCUPIED, AND MAINTAIN THE SAME ENVIRONMENT 48 HOURS BEFORE AND AFTER INSTALLATION.
  - 2. INSTALL SEAMS VERTICALLY AND PLUMB, AND AT LEAST 6 INCHES FROM ANY CORNER. NO HORIZONTAL SEAMS WILL BE PERMITTED UNLESS SPECIFICALLY INDICATED OTHERWISE IN THE CONTRACT DOCUMENTS. PLACE WALL COVERING CONTINUOUSLY OVER INTERNAL AND EXTERNAL CORNERS.
  - 3. ROLL BRUSH, OR USE BROAD KNIFE TO FORCE INTO TIGHT CONTACT WITH SUBSTRATES AND TO REMOVE AIR BUBBLES, WRINKLES, BLISTERS, AND OTHER DEFECTS.
  - 4. TRIM SALVAGES AS REQUIRED TO ASSURE COLOR UNIFORMITY AND PATTERN MATCH AT SEAMS. TRIM VINYL WALL COVERING CLEANLY AND EVENLY ABOVE SCHEDULED BASE.
- 3.07 INSTALL WALL COVERING PLUMB WITH VERTICAL JOINTS. NO CLOSER THAT 6" FROM CORNERS. INSTALL WITHOUT BLISTERS, AIR BUBBLES, OR OTHER DEFECTS. INSTALL PRIOR TO INSTALLATION OF PLUMBING FIXTURES, BUILDING ACCESSORIES, CASING TRIMS, WALL BASES, CASEWORK AND SIMILAR ITEMS.
- 3.08 TRIM SALVAGES TO ASSURE COLOR/PATTERN UNIFORMITY AND MATCH. REMOVE EXCESS ADHESIVE FROM SEAMS AND ADJACENT SURFACES.
- 3.09 REVIEW PRODUCT FOR DEFECTS PRIOR TO INSTALLATION.
- 3.10 PROVIDE 5% OF EACH WALL COVERING TYPE FOR ATTIC STOCK (MINIMUM OF ONE ROLL).

**SECTION 099100 - PAINTING**

- 1.01 WORK INCLUDES SURFACE PREP & PAINTING OF INTERIOR & EXTERIOR SURFACES AS INDICATED ON PLANS UNLESS OTHERWISE INDICATED. PAINTING DOES NOT INCLUDE: PREFINISHED MATERIAL, PLUMBING PIPING; CONCEALED INTERIOR SPACES OR PLENUMS, INTERIOR STRUCTURAL STEEL OTHER THAN EXPOSED STEEL COLUMNS IN FINISHED AREAS.
- 1.02 PAINT EXPOSED SURFACES, EXCEPT WHERE THE PAINT SCHEDULES INDICATE THAT A SURFACE OR MATERIAL IS NOT TO BE PAINTED OR IS TO REMAIN NATURAL. IF THE PAINT SCHEDULES DO NOT SPECIFICALLY MENTION AN ITEM OR A SURFACE, PAINT THE ITEM OR SURFACE THE SAME AS SIMILAR ADJACENT MATERIALS OR SURFACES WHETHER OR NOT SCHEDULES INDICATE COLORS. IF THE SCHEDULES DO NOT INDICATE COLOR OR FINISH, THE DESIGNER WILL SELECT FROM STANDARD COLORS AND FINISHES AVAILABLE. PAINTING INCLUDES FIELD PAINTING OF EXPOSED BARE AND COVERED PIPES AND DUCTS (INCLUDING COLOR COATING); HANGERS; EXPOSED STEEL AND IRON WORK, AND PRIMED METAL SURFACES OF MECHANICAL & ELECTRICAL EQUIPMENT. DO NOT PAINT PRE-FINISHED ITEMS, CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS, & LABELS.
- 1.03 PREPARATION: PAINT ONLY WHEN PROPER SURFACE PREPARATION HAS BEEN MADE ACCORDING TO MANUFACTURER'S REQUIREMENTS AND WHEN AMBIENT CONDITIONS OF TEMPERATURE AND HUMIDITY ARE WITHIN RECOMMENDED RANGES.
- 1.04 EXTERIOR PAINTING SHALL NOT BE UNDERTAKEN WHEN AIR OR SURFACE TEMPERATURE IS BELOW 50 DEGREES OR FOLLOWING RAIN, FROST, OR CONDENSATION.
- 1.05 INTERIOR TEMPERATURE OF 65 DEGREES SHALL BE MAINTAINED DURING APPLICATION AND CURING OF PAINT SURFACES.
- 1.06 TOPS AND BOTTOMS OF DOORS ARE TO BE FINISHED IN SAME MANNER AS DOOR FACINGS.
- 1.07 CONFORM TO MANUFACTURER'S REQUIREMENTS FOR APPLICATION OF PAINT FINISHES. MATERIALS SHALL BE APPLIED FREE OF RUNS, SAGS, WRINKLES, STREAKS, SHINERS, HOLIDAYS, AND BRUSH MARKS.
- 1.08 FORMULATE PRIME COATS WITH COLOR OF FINISH COATS. MINIMUM DRY FILM THICKNESS (MDFT OR DFT): SPECIFIED BY MINIMUM DRY FILM THICKNESS IN MILLIMETERS, PER COAT. WHERE MANUFACTURER'S RECOMMENDATIONS REQUIRE GREATER DRY FILM THICKNESS, OR IF NO MDFT IS SPECIFIED, FOLLOW MANUFACTURER'S RECOMMENDATIONS.

**SECTION 099100 - PAINTING - CONTD**

- 1.09 PAINT SYSTEM: TWO OR MORE COATS OF PAINT, GENERALLY CONSISTING OF A PRIME COAT AND ONE OR MORE COATS OF FINISH PAINT. PAINT SYSTEM INCLUDES SURFACE PREPARATION AND REQUIRED PRETREATMENT. REFER TO PAINT SCHEDULE FOR PAINT SYSTEM DESCRIPTIONS BASED ON MATERIAL TO BE PAINTED AND SHEEN INDICATED.
- A. SELECT PRIMER FROM SPECIFIED PRODUCTS FOR SUBSTRATE INVOLVED. FIELD APPLIED PRIMER COAT IS REQUIRED FOR EACH MATERIAL SCHEDULED FOR PAINT UNLESS THE PRIMER WAS SHOP APPLIED.
- B. TOUCH UP OF DAMAGED SHOP APPLIED PRIMERS IS A REQUIREMENT OF THIS SECTION.
- C. TWO TOPCOATS ARE REQUIRED FOR EACH PAINT SYSTEM UNLESS OTHERWISE INDICATED.
- D. EXTERIOR FINISHING REQUIRED:
  - 1. FERROUS METALS: SATIN FINISH ALKYL OVER TWO COATS RUST INHIBITOR PRIMER.
  - 2. GALVANIZED IRON: ALKYL MODIFIED VINYL ACRYLIC LATEX OVER GALVANIZED METAL LATEX PRIMER.
  - 3. TEXTURED MASONRY: ALKYL MODIFIED VINYL ACRYLIC LATEX OVER EXTERIOR BLOCK FILLER PRIMER.
  - 4. WOOD: LOW LUSTER ALKYL MODIFIED VINYL ACRYLIC LATEX OVER LATEX EXTERIOR PRIMER.
  - 5. WOOD STAIN: TWO COATS SEMI TRANSPARENT STAIN AND PRESERVATIVE, OIL BASED.
- E. INTERIOR FINISHING REQUIRED:
  - 1. WOOD: SATIN FINISH ALKYL SATIN IMPERVO ENAMEL OVER ALKYL OR LATEX PRIME COAT.
  - 2. WOOD STAIN/CLEAR FINISH: ALKYL PENETRATING STAIN WITH ONE COAT SANDING SEALER WITH TWO COATS SATIN FINISH.
  - 3. PLASTER/RYR/WALL: ONE COAT LATEX PRIMER, TWO COATS VINYL ACRYLIC LATEX.
  - 4. MASONRY: FLAT FINISH, TWO COATS FLAT LATEX OVER ONE COAT BLOCK FILLER, SEMI GLOSS FINISH, TWO COATS SEMI GLOSS LATEX OVER BLOCK FILLER.
  - 5. EPOXY: TWO COATS WATERBORNE ACRYLIC EPOXY ENAMEL OVER APPROPRIATE SUBSTRATE PRIMER.
  - 6. FERROUS METAL: TWO COATS SATIN FINISH ALKYL OVER ONE COAT RUST INHIBITIVE LATEX PRIMER.
- 2.01 PAINT MATERIALS (P): SEE FINISH SCHEDULE FOR COLOR AND MATERIAL DESIGNATIONS.
- 2.02 PRE-WALL COVERING PRIMER: ROMAN PRO-97 ULTRA PRIME PRIMER/SEALER, ZINSSER, SHELZOD UNIVERSAL, PRE-WALL COVERING PRIMER OR AS REQUIRED BY WALL COVERING MANUFACTURER.
- 2.03 SUBMIT THE FOLLOWING:
  - 1. PRODUCT DATA.
  - 2. TWO (2) 8" X 10" SAMPLES OF EACH SCHEDULED FINISH / COLOR ON SCHEDULED SUBSTRATE (PROVIDE 1/4" THICK SUBSTRATE FOR SAMPLES OF PAINT ON GYPSUM BOARD).
- 3.01 ITEMS AND SURFACES NOT TO BE PAINTED:
  - A. FURRED SPACES, INTERIOR OF VERTICAL SHAFTS, OR SPACES ABOVE SUSPENDED CEILING, INCLUDING ITEMS WITHIN THESE SPACES.
  - B. WALL, CEILING OR FLOOR SURFACES OR ROOMS NOT SCHEDULED ON THE ROOM FINISH SCHEDULE FOR FINISHING.
  - C. ITEMS OCCURRING ON IN WALL, CEILING OR FLOOR SURFACES NOT SCHEDULED ON THE ROOM FINISH SCHEDULE FOR FINISHING EXCEPT THE FOLLOWING:
    - 1. UNPRIMED OR SHOP PRIMED STEEL OR GALVANIZED STEEL DOORS & FRAMES (PAINT AS SPECIFIED FOR THESE ITEMS IN THE INTERIOR PAINTING SCHEDULE).
    - 2. UNPRIMED OR SHOP PRIMED STEEL OR GALVANIZED STEEL RAILINGS, LADDERS AND STAIRS (PAINT AS SPECIFIED FOR THESE ITEMS IN THE INTERIOR PAINTING SCHEDULE).
    - 3. STEEL DOORS AND FRAMES (PAINT AS SPECIFIED FOR STEEL).
    - 4. STEEL HANDRAILS (PAINT AS SPECIFIED FOR STEEL).
    - 5. OTHER EXPOSED BARE OR PRIME PAINTED STEEL, IRON, GALVANIZED STEEL, UNFINISHED ALUMINUM, INCLUDING FASTENERS AND ANCHORS (PAINT AS SPECIFIED FOR METALS OF TYPE INVOLVED).
  - D. NEW MATERIALS WHICH HAVE BEEN FURNISHED WITH A FACTORY APPLIED DECORATIVE FINISH.
  - E. SPRINKLER HEADS.
- 3.02 UNLESS EXCLUDED UNDER THE ITEMS AND SURFACES NOT TO BE PAINTED PARAGRAPH, PAINT NEW SURFACES AS FOLLOWS:
  - A. GIVE NEW SURFACES AND ITEMS ONE COAT OF PRIMER AND TWO COATS OF TOPCOAT (UNLESS INDICATED OTHERWISE) USING APPROPRIATE PAINT SYSTEM FOR SUBSTRATE INVOLVED AND USING TOPCOAT OF TYPE SCHEDULED.
  - B. WHERE FIELD APPLIED PRIME COATS ARE SCHEDULED, THEY MAY BE OMITTED FOR SHOP PRIMED ITEMS. TOUCH UP DAMAGED AREAS WITH SCHEDULED COMPATIBLE PRIMERS.
  - C. SPOT PRIME PATCHED AND DAMAGED FINISHES OF EXISTING SURFACES AND ITEMS (UNLESS TOPCOAT MANUFACTURER REQUIRES COMPLETE PRIMING) USING APPROPRIATE PRIMER SPECIFIED FOR SUBSTRATE INVOLVED, FOLLOWED BY TWO TOPCOATS USING TYPE OF TOPCOAT MATCHING EXISTING FINISH AND COLOR (UNLESS OTHERWISE NOTED), AND EXTENDING OVER THE ENTIRE SURFACE TO THE NEAREST BREAK IN THE SURFACE.
  - D. INTERIOR EXPOSED STRUCTURE OVERHEAD INCLUDING EXPOSED MECHANICAL AND ELECTRICAL WORK OVERHEAD IN THESE SPACES.
  - E. CONCEALED SPRINKLER HEAD CAPS TO MATCH CEILING FINISH SURFACE IF HEADS RESIDE IN NON-CEILING WHITE AREAS. FACTORY PAINTED CAPS TO MATCH SPECIFIED COLOR. SEE FINISH SCHEDULE FOR COLOR PAINT SPECIFICATION.
- 3.03 PROTECT FINISHES OF OTHER TRADES OR SURFACES. CLEAN UP SPILLS, OVER SPRAY, & OTHER IMPERFECTIONS IMMEDIATELY. PROPERLY DISPOSE OF UNUSED MATERIALS & CONTAINERS IN ACCORDANCE WITH APPLICABLE RULES & REGULATIONS. FOLLOW PROPER VENTILATION REQUIREMENTS & ADHERE TO SAFETY DATA SHEET REQUIREMENTS.
- 3.04 FURNISH MAINTENANCE STOCK EQUAL TO 5 GALLONS OF PRIME, INTERIOR FIELD COLOR AND ONE GALLON CONTAINERS OF OTHER PAINT FINISHES WITH MIX FORMULAS CLEARLY MARKED ON THE CONTAINERS.
- 3.05 ALL PAINTS TO MEET THE FOLLOWING MINIMUM VOC LIMIT REQUIREMENTS. TOPCOAT PAINTS - GREEN SEAL STANDARD GS-11:
  - A. NON-FLAT - 150 G/L
  - B. FLAT - 50 G/L
- 3.06 ALL ANTI-CORROSIIVE AND ANTI-RUST PAINTS TO MEET THE FOLLOWING MINIMUM VOC LIMIT REQUIREMENTS. GREEN SEAL STANDARD GS-03:
  - A. GLOSS - 50 G/L
  - B. SEMI-GLOSS - 250 G/L
  - C. FLAT - 250 G/L
- 3.07 ALL OTHER ARCHITECTURAL COATINGS, PRIMERS AND UNDERCOATS TO MEET THE FOLLOWING MINIMUM VOC LIMIT REQUIREMENTS. SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE 1113:
  - A. FLOOR COATINGS - 100 G/L
  - B. PRIMERS, SEALERS AND UNDERCOATERS - 200 G/L
  - C. RUST PREVENTATIVE COATINGS - 400 G/L
  - D. SPECIALTY PRIMERS - 350 G/L
  - E. STAINS - 250 G/L
- K. VERIFY ATTIC STOCK REQUIRED WITH OWNER. PROVIDE MINIMUM ONE (1) GALLON, FOR FIELD PAINTS AND MINIMUM (1) QUART FOR ACCENT PAINTS AS SPECIFIED.

**SECTION 102100 - TOILET COMPARTMENTS**

- 1.01 SUBMITTALS: MANUFACTURER'S PRODUCT DATA, INSTALLATION, AND MAINTENANCE INSTRUCTION. SUBMIT SHOP DRAWINGS SHOWING LAYOUT, DIMENSIONS, FABRICATION AND ERECTION DETAILS, FULL RANGE OF STANDARD COLOR SAMPLE FOR SELECTION BY ARCHITECT.
- 2.00 PRODUCTS: TOILET PARTITIONS (TC) - SEE FINISH SCHEDULE FOR SPECIFICATIONS
- 2.01 TOILET PARTITION: COMPARTMENTS SHALL BE TOILET PARTITIONS, URINAL SCREENS, HARDWARE AND STRUCTURAL ACCESSORIES AS SPECIFIED.
  - A. DOOR HARDWARE: MANUFACTURER'S STANDARD HINGES, PULLS, BUMPERS, LATCHES AND KEEPERS, AND COAT HOOKS, FABRICATED FROM STAINLESS STEEL OR CHROMIUM PLATED NONFERROUS CAST ALLOY.
- 2.02 PANEL CONSTRUCTION: PERIMASEAL PANELS: 1" THICK PANELS SHALL BE MANUFACTURED FROM 22 GAUGE GALVANNEALED STEEL, SPACED AND INSULATED WITH A MOISTURE RESISTANT HONEYCOMB CORE, ADHERED TO THE INNER SURFACES AND SET UNDER PRESSURE TO CURE.
- 2.03 PLASTER CONSTRUCTION: 1-1/4" THICK PLASTERS SHALL BE MANUFACTURED FROM 20 GAUGE GALVANNEALED STEEL, SPACED AND INSULATED WITH A MOISTURE RESISTANT HONEYCOMB CORE, ADHERED TO THE INNER SURFACES AND SET UNDER PRESSURE TO CURE. THE CEILING EDGE OF THE PLASTER SHALL BE PROVIDED WITH AN INTEGRALLY WELDED 12 GAUGE LEVELING BAR. STRUCTURAL SUPPORT AND DRILLING ARE TO BE PROVIDED BY GC. 3" HIGH ONE PIECE SLEEVE OF TYPE 304 STAINLESS STEEL SHALL BE SECURED BY CONCEALED RETAINER CLIPS.
- 2.04 HARDWARE: CHROME PLATED, MANUFACTURER'S STANDARD FOR COMPLETE OPERATION BUT NOT LESS THAN THE FOLLOWING.
  - A. HINGES: ADJUSTABLE SPRING LOADED OR GRAVITY TYPE DESIGNED TO HOLD IN-SWING DOORS IN PARTIAL OPEN POSITION, OUT-SWING DOORS IN CLOSED POSITION.
  - B. MOUNTING BRACKETS, CLIPS, AND FASTENERS: MANUFACTURER'S STANDARD TYPE AND FINISH.
  - C. FLOOR BRACKETS AND SHOES: SERIES 304 STAINLESS STEEL, NO. 4 FINISH ON EXPOSED SURFACES.
  - D. LATCH SET: CONCEALED TYPE LATCH WITH STRIKE, ADA COMPLIANT.
  - E. DOOR BUMPERS: TO PREVENT DOORS FROM STRIKING WALL OR EQUIPMENT. DOOR PULLS SHALL BE ADDED FOR OUT-SWING DOORS.
  - F. COAT HOOK: ONE PER STALL, MOUNTED ON COMPARTMENT SIDE OF DOOR.
- 2.05 HARDWARE FOR CEILING HUNG PARTITIONS: VANDAL PROOF, GALVANIZED STEEL ANCHORAGE DEVICES, COMPLETE WITH THREADED RODS, LOCK WASHER, AND LEVELING ADJUSTMENT NUTS AT PILASTERS, TO PERMIT CONNECTION TO STRUCTURAL SUPPORT ABOVE FINISHED CEILING. PROVIDE DEVICES DESIGNED TO SUPPORT PILASTERS FROM STRUCTURE WITHOUT TRANSMITTING LOAD TO CEILING FINISH. PROVIDE 3 INCH HIGH STAINLESS STEEL TRIM PIECE, FINISHED TO MATCH HARDWARE, AT EACH PILASTER.
- 2.06 BAKED ENAMEL PARTITIONS SHALL BE CLEANED AND FINISHED WITH AUTOMATICALLY APPLIED ELECTROSTATIC HIGH GRADE SYNTHETIC ENAMEL AND OVEN BAKED TO PROVIDE A MAR RESISTANT FINISH.
- 3.01 FIELD VERIFY PARTITION DIMENSIONS WITH EXISTING WALL CONDITIONS TO MAINTAIN DESIGNATED CLEARANCES.
- 3.02 INSTALL SCREENS AND PARTITIONS RIGIDLY, STRAIGHT, PLUMB, AND LEVEL. PROVIDE CLEARANCES OF NOT MORE THAN 2 INCHES BETWEEN PLASTERS AND PANELS. PROVIDE CLEARANCES OF NOT MORE THAN 1 INCH BETWEEN PANELS AND WALLS. SECURE PARTITION PANELS TO WALLS WITH NO LESS THAN 2 STIRRUP BRACKETS, ATTACHED NEAR TOP AND BOTTOM OF PANEL. CONCEAL EVIDENCE OF DRILLING, CUTTING, AND FITTING TO ROOM FINISH.
- 3.03 ANCHOR PILASTER TO SUPPORTING STRUCTURE. LEVEL, PLUMB AND TIGHTEN UNITS USING DEVICES RECOMMENDED BY PARTITION MANUFACTURER. ASSURE PILASTER HANGERS DO NOT TRANSMIT LOAD TO FINISHED CEILING. HAND AND ADJUST DOORS SO THAT BOTTOM OF DOORS ALIGNS WITH BOTTOM OF PLASTERS WHEN DOORS ARE IN THE CLOSED POSITION. LEVEL, PLUMB AND TIGHTEN SYSTEM WITH LEVELING DEVICE. SECURE PILASTER SHOE INTO POSITION.

**SECTION 102100 - TOILET COMPARTMENTS CONTD**

- 3.04 WALL MOUNTED URINAL SCREEN INSTALLATION: ANCHOR PANELS TO BUILT-IN ANCHORAGE, USING ANCHORS AND LEVELING DEVICES RECOMMENDED BY URINAL SCREEN MANUFACTURER.
- 3.05 PERFORM FINAL ADJUSTMENTS TO LEVELING DEVICES AND HARDWARE. ADJUST AND LUBRICATE HARDWARE FOR PROPER OPERATION AFTER INSTALLATION. ADJUST HINGES ON IN-SWING DOORS TO HOLD DOORS IN PARTIAL OPEN POSITION WHEN UNLATCHED. POSITION DOORS UNIFORMLY IN PARTIAL OPEN POSITION. ADJUST HINGES ON OUT-SWING DOORS TO HOLD DOOR IN NEAR CLOSED POSITION WHEN UNLATCHED. POSITION DOORS UNIFORMLY WHEN UNLATCHED.
- 3.06 CLEAN EXPOSED SURFACES OF PARTITIONS, HARDWARE, FITTINGS, AND ACCESSORIES. USE METHODS AND MATERIALS RECOMMENDED BY TOILET PARTITION MANUFACTURER.
- 3.07 WARRANTY: PROVIDE MANUFACTURER'S STANDARD WARRANTY FOR SYSTEMS SPECIFIED.

**SECTION 102800 - TOILET AND BATH ACCESSORIES**

- 1.01 ACCESSORIES AND THEIR INSTALLATION SHALL CONFORM TO APPLICABLE ADA REQUIREMENTS.
- 1.02 SUBMITTALS: SUBMIT MANUFACTURER'S DESCRIPTIVE LITERATURE, SPECIFICATIONS, AND INSTALLATION INSTRUCTION FOR EACH ACCESSORY ITEM FURNISHED. INCLUDE INFORMATION ON MATERIALS AND GAUGES, CONSTRUCTION DETAILS, DIMENSIONS, PROFILES, MOUNTING METHOD, SPECIFIED OPTIONS, AND FINISHES. SUBMIT A SCHEDULE, BY ROOM, LISTING TYPES, QUANTITIES, SIZES, AND LOCATIONS FOR EACH TOILET ACCESSORY ITEM PROVIDED, WHERE CUT OUTS ARE REQUIRED IN OTHER WORK. FURNISH TO THE TRADE PREPARING THE CUT OUT TEMPLATES SUBSTRATE PREPARATION INSTRUCTIONS, AND DIRECTIONS FOR PREPARING CUT OUTS AND INSTALLING ANCHORAGE DEVICES. AT PROJECT CLOSE OUT PROVIDE OWNER WITH OPERATING AND MAINTENANCE MANUALS AND KEYS.
- 1.03 UNLESS OTHERWISE NOTED, TOILET ACCESSORIES SHALL BE CONSTRUCTED OF TYPE 304 STAINLESS STEEL.
- 2.01 PRODUCTS - SEE ACCESSORY SCHEDULE FOR SPECIFICATIONS. PROVIDE PRODUCTS OF SAME MANUFACTURER FOR EACH TYPE OF ACCESSORY UNIT AND FOR UNITS EXPOSED TO VIEW IN SAME AREAS, UNLESS OTHERWISE ACCEPTABLE TO ARCHITECT. SEE DRAWINGS FOR REQUIRED UNITS AND LOCATION.
- 2.02 ATTACHMENT DEVICES: FURNISH BACKING PLATES, BRACKETS, AND HARDWARE REQUIRED FOR A COMPLETE INSTALLATION. FASTENERS SHALL BE CONCEALED AND THEFT PROOF WHEN AVAILABLE.
- 2.03 GRAB BARS (GB): CONCEALED MOUNTING, 1-1/2 INCH DIAMETER, STAINLESS STEEL, SATIN FINISH. COMPLETE WITH PROPER TYPE OF ANCHOR FOR CONSTRUCTION CONDITIONS AND NORMALLY ANTICIPATED LOADS (250 POUNDS MINIMUM). PROVIDE GRAB BAR MANUFACTURER'S STANDARD CONCEALED ANCHOR PLATE FOR STUD WALL CONSTRUCTION. WHERE GRAB BARS ARE MOUNTED ON DISSIMILAR ADJACENT SURFACES THAT DO NOT MEET ON AN EQUAL PLANE, MODIFY END POST LENGTHS AS REQUIRED TO MOUNT GRAB BARS PLUMB AND TRUE. PROVIDE SPECIAL NON SLIP FINISH ON GRAB BARS WHERE INDICATED.
- 2.04 MIRRORS ARE SPECIFIED IN SECTION 088100.
- 3.01 INSTALL ACCESSORIES IN LOCATIONS INDICATED. INSTALL AT HEIGHTS PER ACCESSIBILITY GUIDELINES UNLESS NOTED OTHERWISE. SECURELY MECHANICALLY FASTEN ACCESSORIES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

**SECTION 104400 - FIRE PROTECTION SPECIALTIES**

- 1.01 SUBMITTALS: SUBMIT MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR EACH TYPE OF PRODUCT SPECIFIED. FOR FIRE EXTINGUISHER CABINETS INCLUDE ROUGH-IN DIMENSIONS, DETAILS SHOWN MOUNTING METHODS, RELATIONSHIPS OF BOX AND TRIM TO SURROUNDING CONSTRUCTION, DOOR HARDWARE, CABINET TYPE AND MATERIALS, TRIM STYLE, DOOR CONSTRUCTION, PANEL TYPE, AND MATERIALS.
- 1.02 REFER TO ARCHITECTURAL FLOOR PLAN FOR LOCATIONS, ALL LOCATIONS AND QUANTITIES AS PER NFPA AND LOCAL CODES AND ORDINANCES.
- 1.03 FIRE EXTINGUISHER CABINET (FEC): SEE FINISH & EQUIPMENT SCHEDULE FOR SPECIFICATIONS
- 2.01 PRODUCTS:
  - A. FIRE EXTINGUISHER CABINETS TO BE EQUAL TO LARSEN'S MANUFACTURING CO. ARCHITECTURAL SERIES OR EQUAL, ACCEPTABLE ALTERNATIVES JL INDUSTRIES 'AMBASSADOR' MODEL 1015, OR POTTER-POEMER 700 SERIES.
    - 1. FEC-01 - PRIMED CABINET PAINTED IN FIELD
    - 2. FEC-02 - STAINLESS STEEL CABINET
- 2.02 FIRE EXTINGUISHERS TO BE LARSEN'S MANUFACTURING CO. MODEL #MP10.
- 2.03 FURNISH MULTIPURPOSE DRY CHEMICAL FIRE EXTINGUISHERS BEARING UL RATING 2A:10BC.
- 3.01 INSTALL MATERIALS WHERE INDICATED, IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS.
- 3.03 CLEAN INSIDE AND OUTSIDE OF FIRE EXTINGUISHER CABINETS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

**Issued / Revised**

No.	Date	Description
	07/27/2022	ISSUED FOR BID & PERMIT

**Client**

WCMEAA  
Rialto Square Theatre  
Restroom Renovation &  
Expansion  
102 N Chicago Street  
Joliet, Illinois 60432

Project No. 22-22104-00

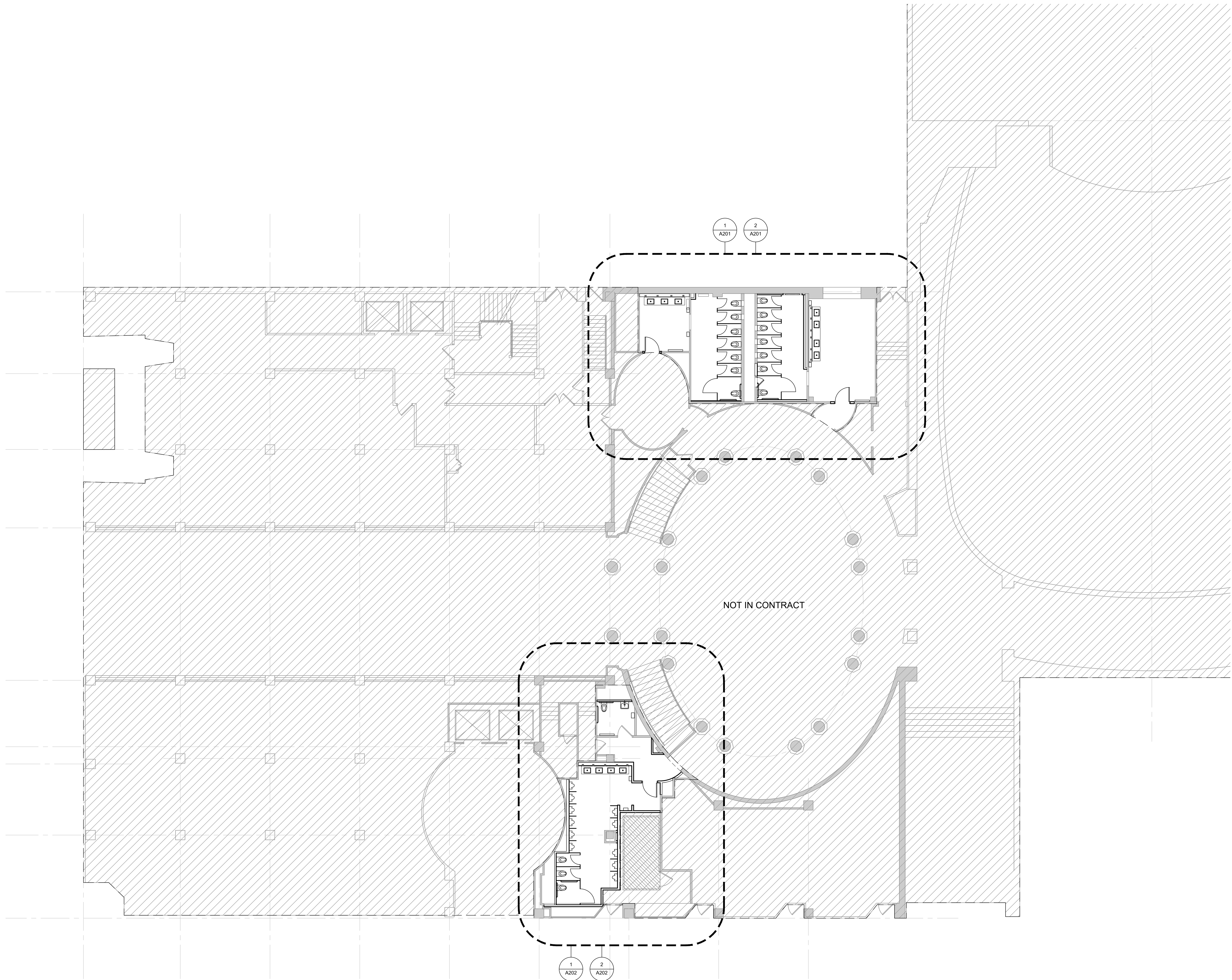
**DLR GROUP**  
1422 Euclid Avenue, Suite 300  
Cleveland, Ohio 44115  
T 216.522.1350  
www.DLRGroup.com

© DLR Group

**SPECIFICATIONS**

CD  
**G004**

Issued / Revised		
No.	Date	Description
	07/27/2022	ISSUED FOR BID & PERMIT



**LEGEND**

	NEW WALL
	EXISTING WALL
	DEMOLITION
	1 HOUR RATED WALL
	2 HOUR RATED WALL
	3 HOUR RATED WALL
	SMOKE PARTITION
	CONTRACT LIMIT LINE

Client  
**WCMEAA**  
**Rialto Square Theatre**  
**Restroom Renovation & Expansion**  
 102 N Chicago Street  
 Joliet, Illinois 60432  
 Project No. 22-22104-00

**DLR GROUP**  
 1422 Euclid Avenue, Suite 300  
 Cleveland, Ohio 44115  
 T 216.522.1350  
 www.DLRGroup.com  
 © DLR Group

**LEVEL 1 FLOOR PLAN**

**1** LEVEL 1 FLOOR PLAN  
 1/8" = 1'-0"

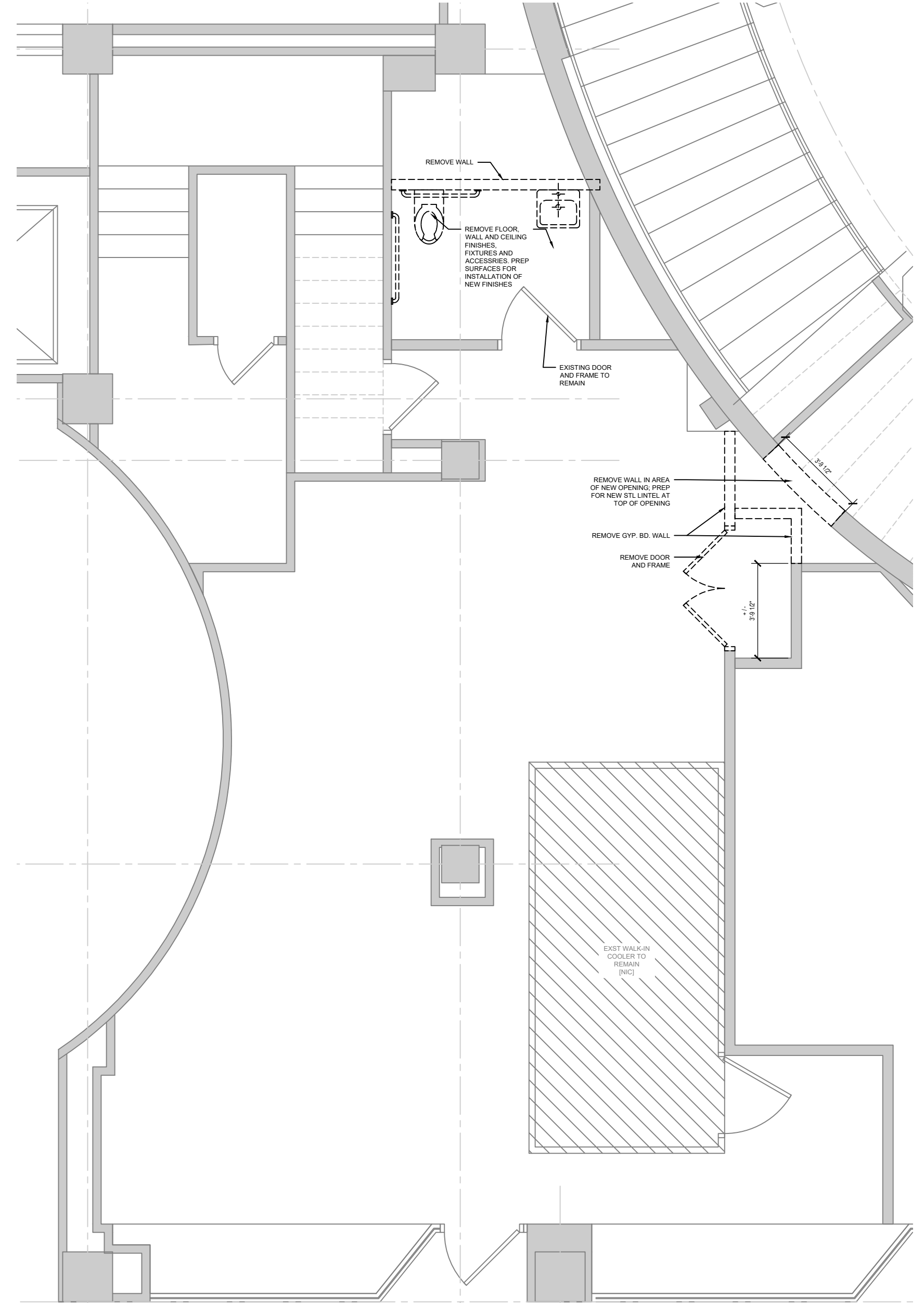
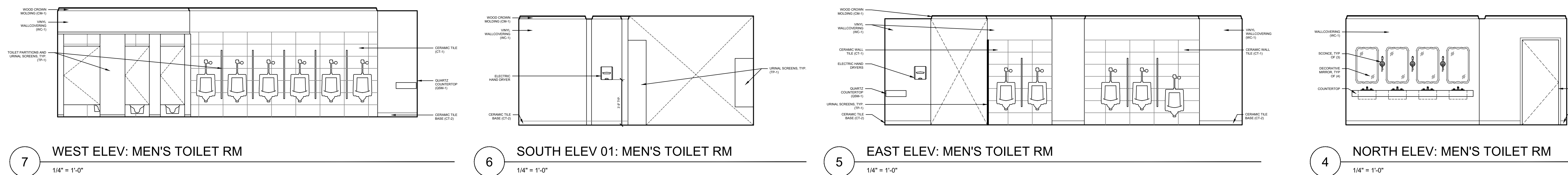
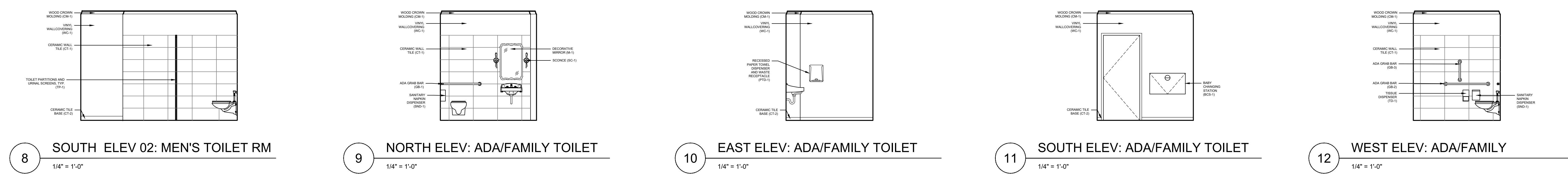


CD  
**A101**

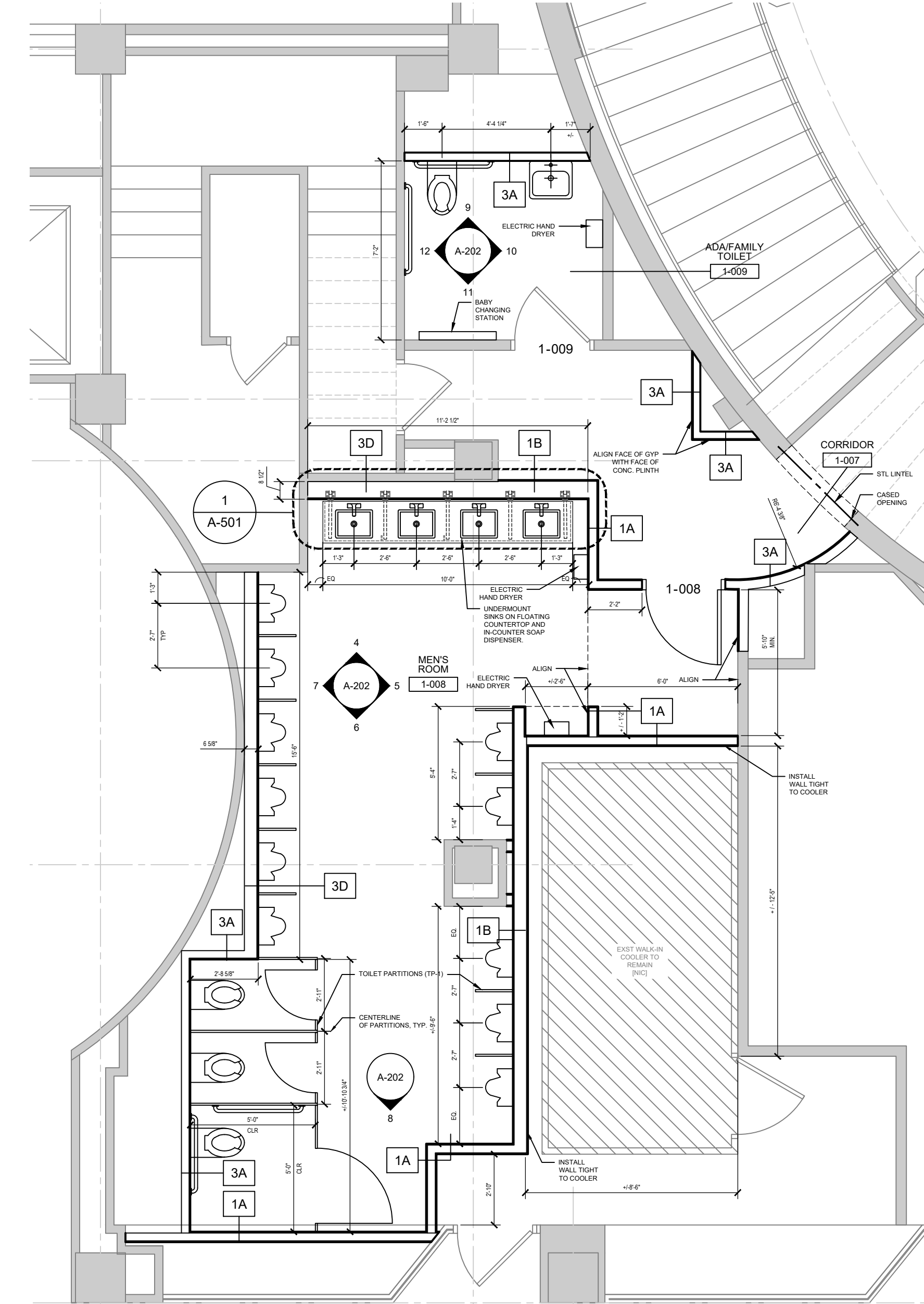
Checked by:  
  
Drawn by:



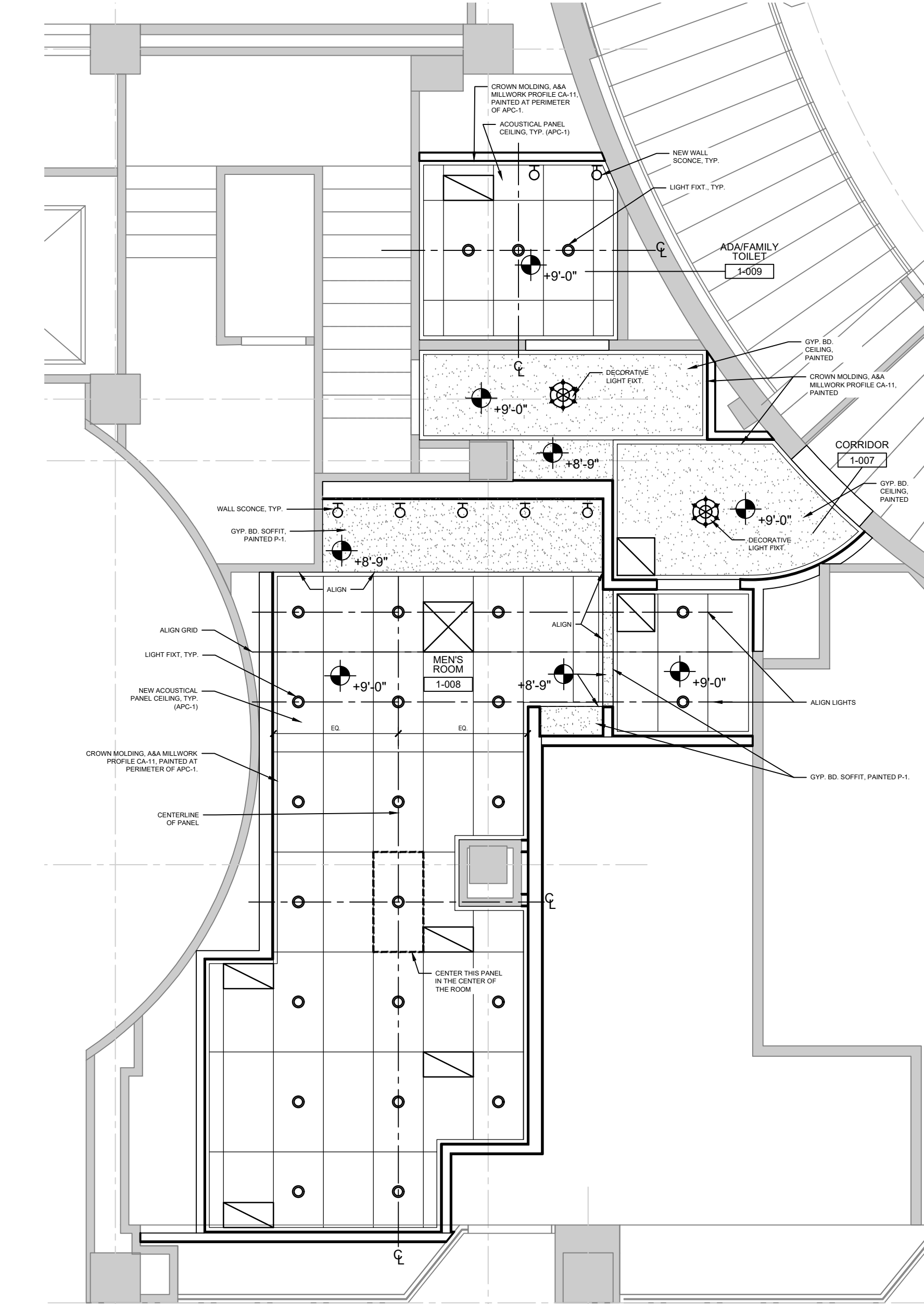
Issued / Revised		
No.	Date	Description
	07/27/2022	ISSUED FOR BID & PERMIT



1 ENLARGED LEVEL 1 DEMO PLAN  
1/4" = 1'-0"



2 ENLARGED MEN'S ROOM FLOOR PLAN  
1/4" = 1'-0"



3 ENLARGED MEN'S ROOM RCP  
1/4" = 1'-0"

LEGEND

[Solid line]	NEW WALL
[Dashed line]	EXISTING WALL
[Hatched area]	DEMOLITION
[Dotted line]	1 HOUR RATED WALL
[Dashed line]	2 HOUR RATED WALL
[Dotted line]	3 HOUR RATED WALL
[Dashed line]	SMOKE PARTITION
[Dashed line]	CONTRACT LIMIT LINE

Client  
**WCMEAA**  
**Rialto Square Theatre**  
**Restroom Renovation & Expansion**  
 102 N Chicago Street  
 Joliet, Illinois 60432  
 Project No. 22-22104-00

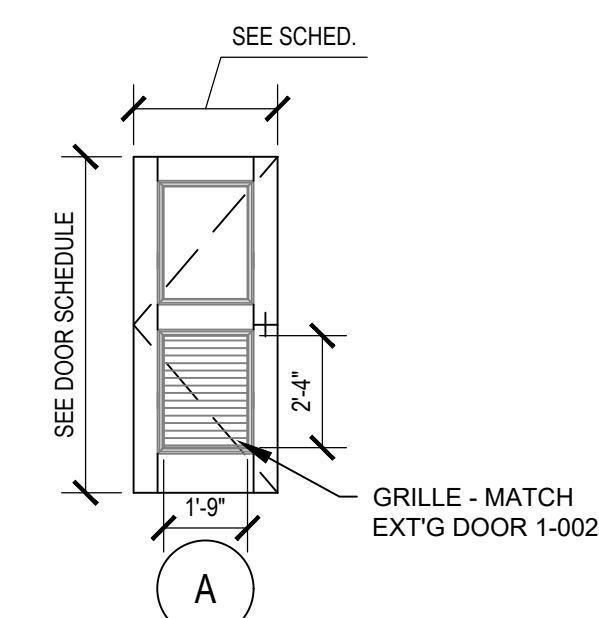
**DLR GROUP**  
 1422 Euclid Avenue, Suite 300  
 Cleveland, Ohio 44115  
 T 216.522.1350  
 www.DLRgroup.com  
 © DLR Group

ENLARGED MEN'S ROOM  
 FLOOR PLANS, RCP & INT  
 ELEVATIONS

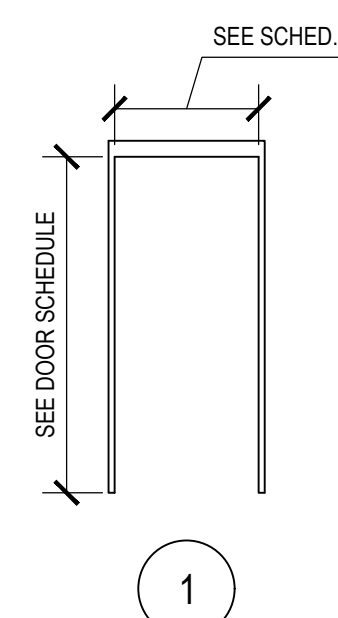
CD  
**A202**

Checked by: \_\_\_\_\_  
 Drawn by: \_\_\_\_\_

Issued / Revised		
No.	Date	Description
	07/27/2022	ISSUED FOR BID & PERMIT

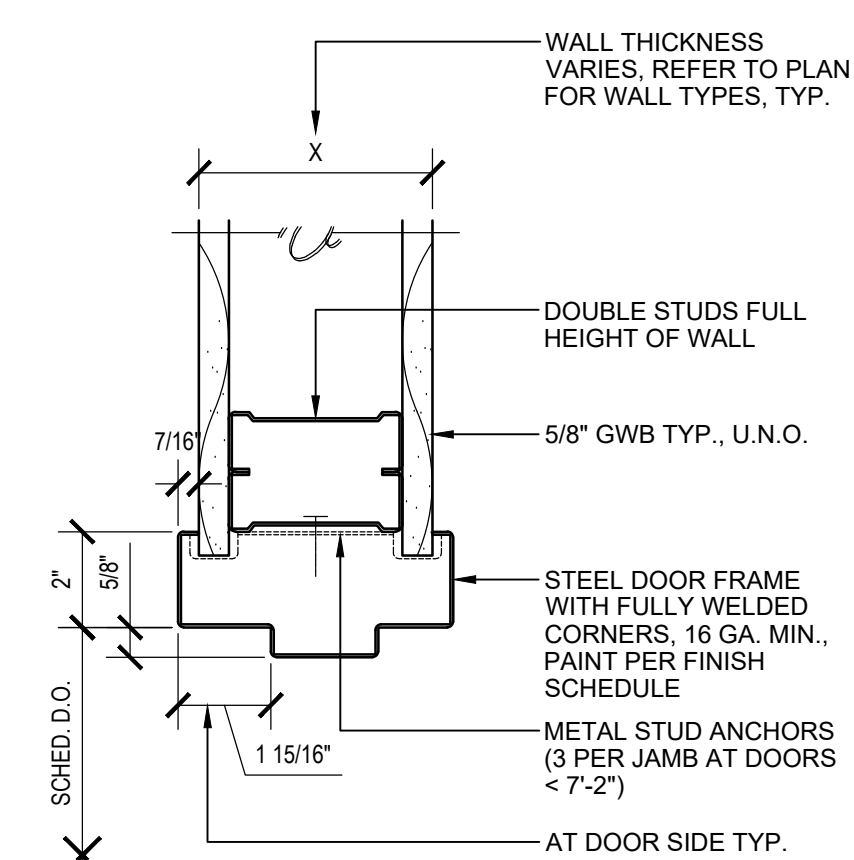


NEW DOOR REPLICATING EXIST. 2 PANEL, RAIL & STILE DOOR TO MATCH EXT'G DOOR 1-002  
**INTERIOR DOOR TYPES**  
 1/4" = 1'-0"

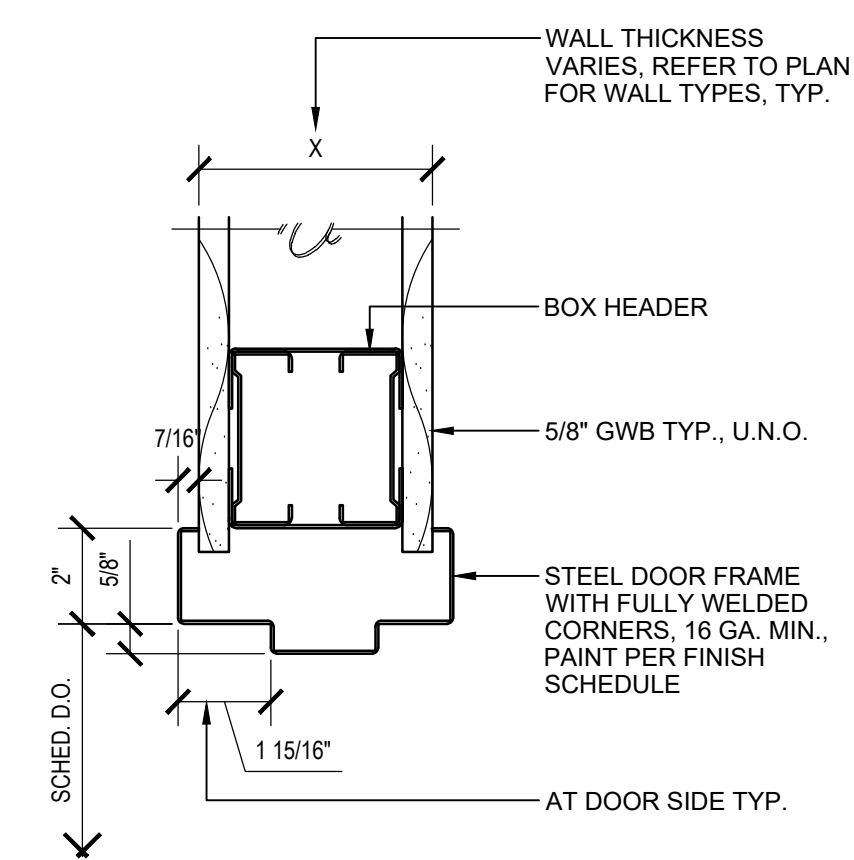


**INTERIOR FRAME TYPES**  
 1/4" = 1'-0"

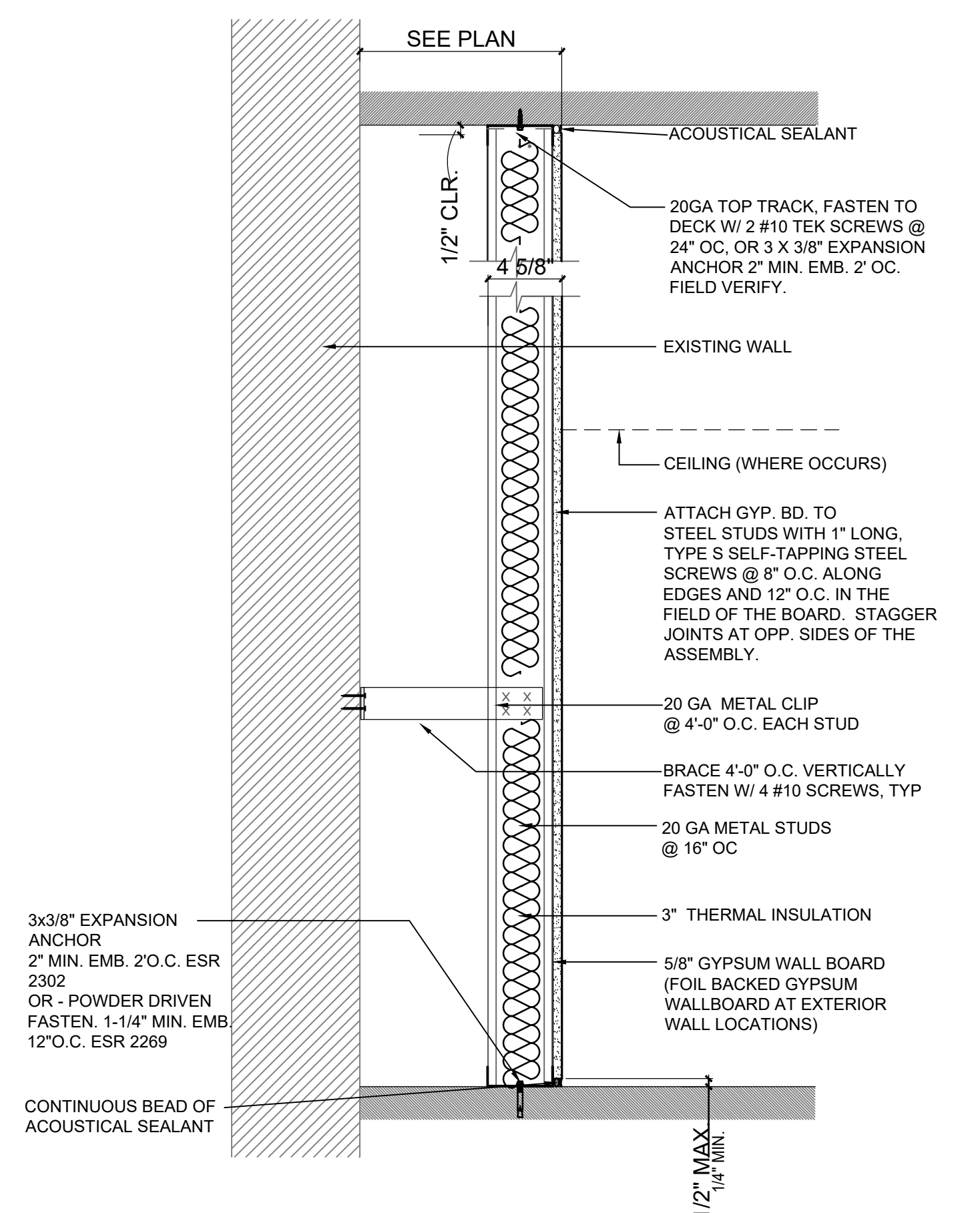
DOOR AND FRAME SCHEDULE									
DOOR NO.	WIDTH	HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HARDWARE SET	FRAME AND DOOR FINISH	COMMENT
1-002	EXTG	EXTG	EXTG	EXTG	1	HM		P-3	RELOCATE EXT'G DOOR TO NEW LOCATION AS SHOWN ON PLAN.
1-005	3'-0"	7'-0"	A	WD	1	HM		P-3	
1-008	3'-0"	7'-0"	A	WD	1	HM		P-3	
1-009	EXTG	EXTG	EXTG	EXTG	EXTG			P-3	EXISTING DOOR AND FRAME TO REMAIN.



**J-1 JAMB DETAIL**  
 3" = 1'-0"



**H-1 HEAD DETAIL**  
 3" = 1'-0"



**3A PARTITION - TYPE 3A - FURRED WALL - 3-5/8" STUDS**  
 PROVIDE GYPSUM WALLBOARD ONE SIDE SCALE: 1 1/2" = 1'-0"



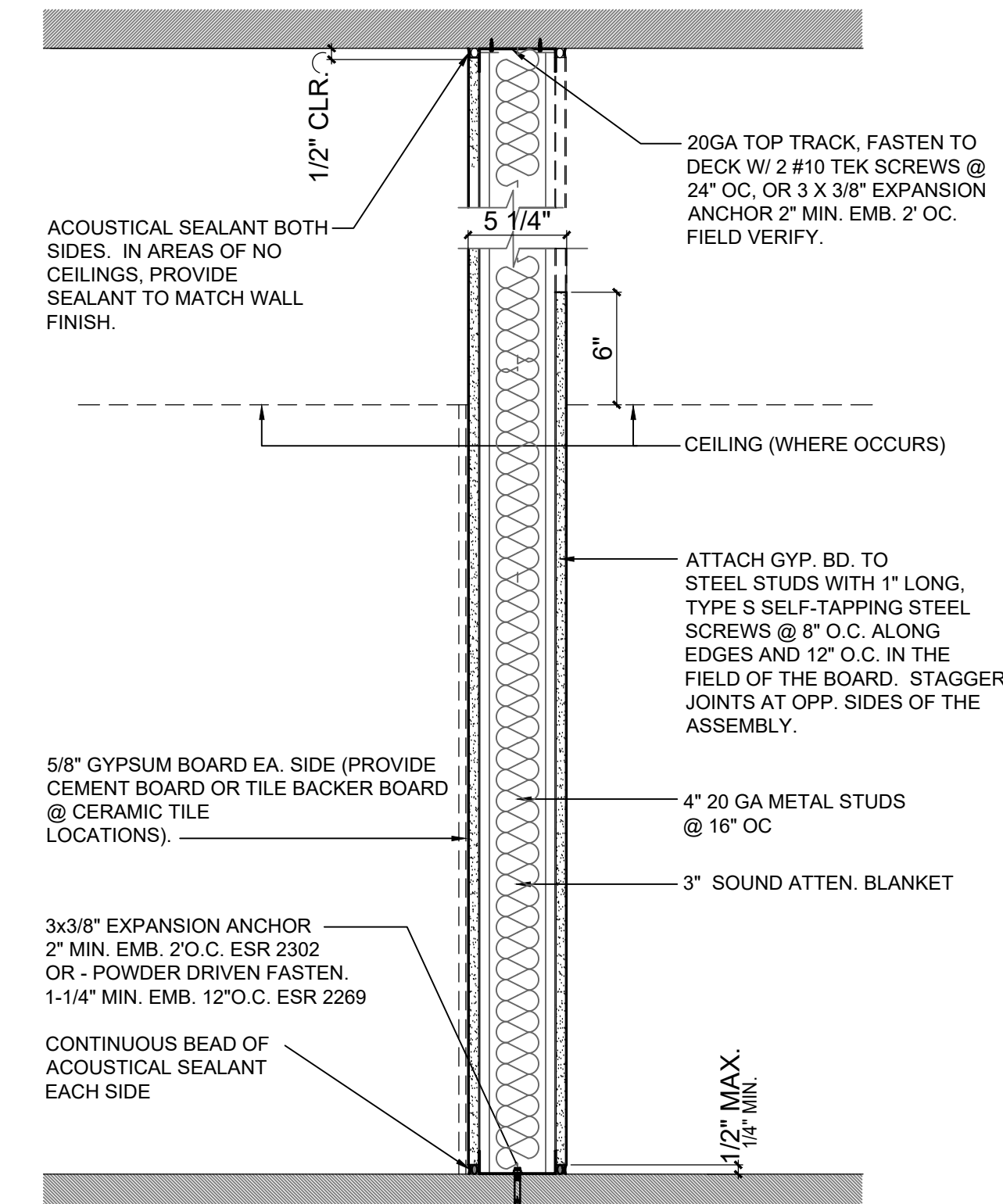
**3B PARTITION - TYPE 3B - FURRED WALL - 2 1/2" STUDS**  
 PROVIDE GYPSUM WALLBOARD ONE SIDE SCALE: 1 1/2" = 1'-0"



**3C PARTITION - TYPE 3C - FURRED WALL - 7/8" HAT CHNL**  
 PROVIDE GYPSUM WALLBOARD ONE SIDE SCALE: 1 1/2" = 1'-0"



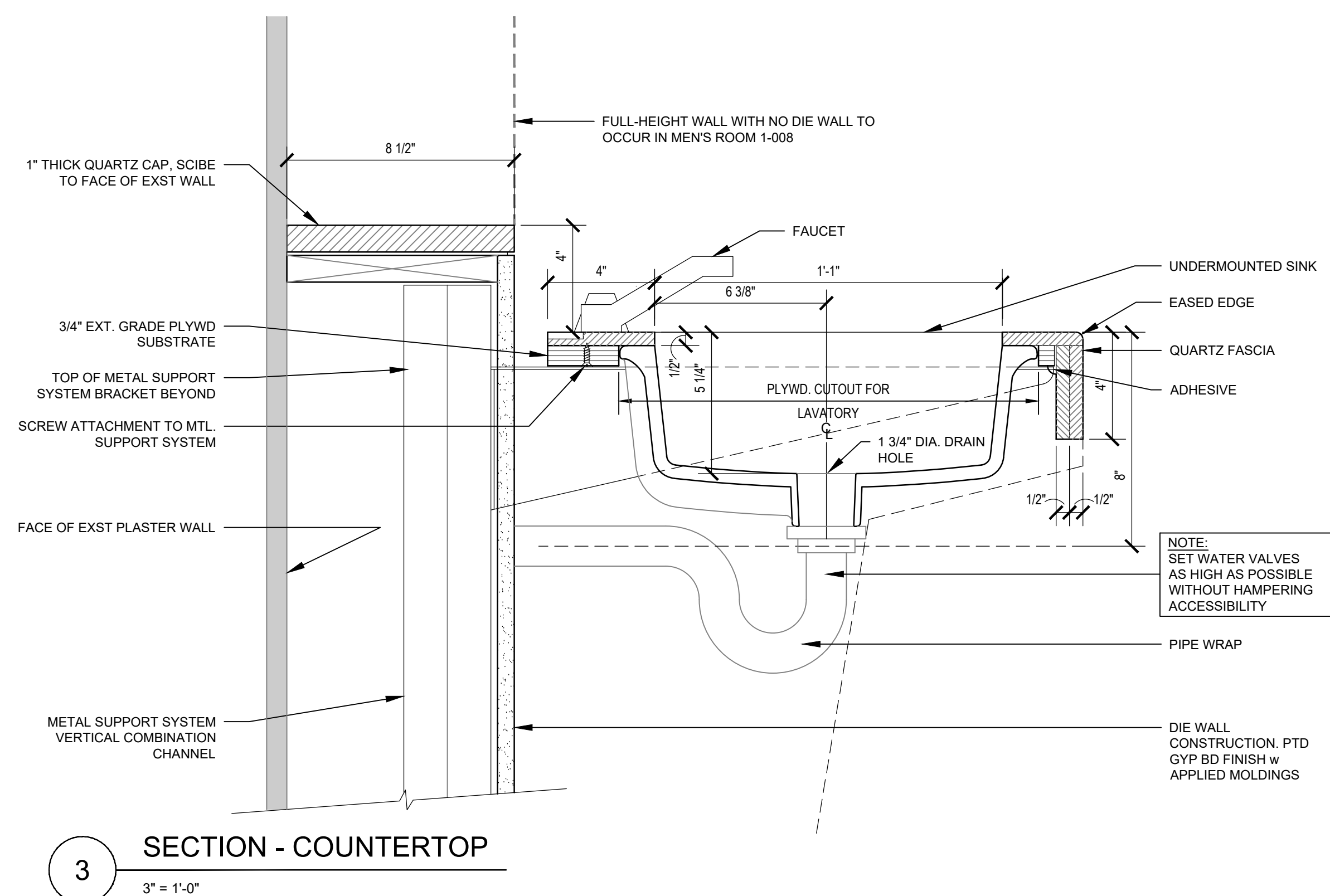
**3D PARTITION - TYPE 3D - FURRED WALL - 6" STUDS**  
 PROVIDE GYPSUM WALLBOARD ONE SIDE SCALE: 1 1/2" = 1'-0"



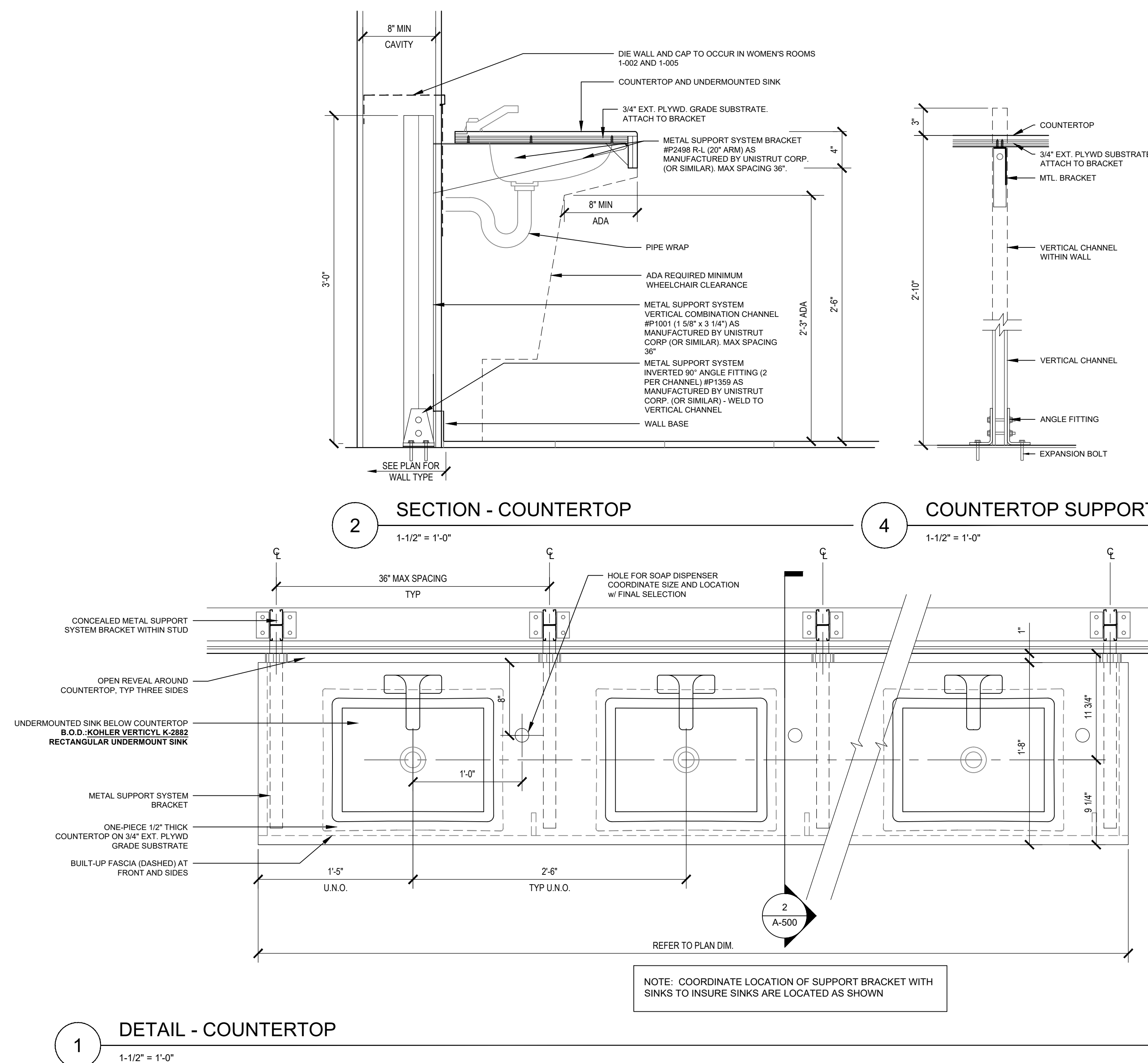
**1A PARTITION - TYPE 1A - NON RATED**  
 FULL HEIGHT NON RATED NON BEARING GYP WALL WITH SOUND ATTENUATION BATTS AND SEALANT SCALE: 1 1/2" = 1'-0"

**1B PARTITION - TYPE 1B - NON RATED**  
 SAME AS 1A WITH 6" STUD SCALE: 1 1/2" = 1'-0"

Checked by: \_\_\_\_\_  
 Drawn by: \_\_\_\_\_



**3 SECTION - COUNTERTOP**  
 3" = 1'-0"



**1 DETAIL - COUNTERTOP**  
 1-1/2" = 1'-0"

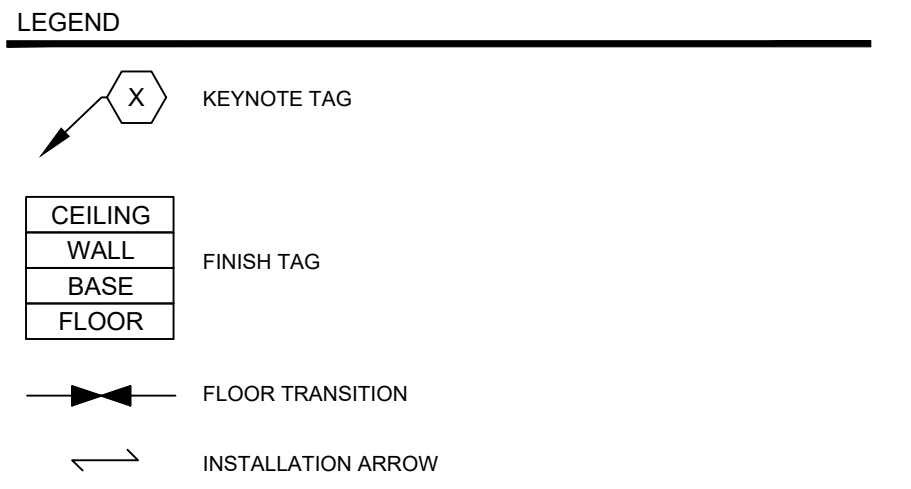
Client  
**WCMEAA**  
 Rialto Square Theatre  
 Restroom Renovation &  
 Expansion  
 102 N Chicago Street  
 Joliet, Illinois 60432  
 Project No. 22-22104-00  
**DLRGROUP**  
 1422 Euclid Avenue, Suite 300  
 Cleveland, Ohio 44115  
 T 216.522.1350  
 www.DLRgroup.com  
 © DLR Group

**DETAILS**  
 CD  
**A501**

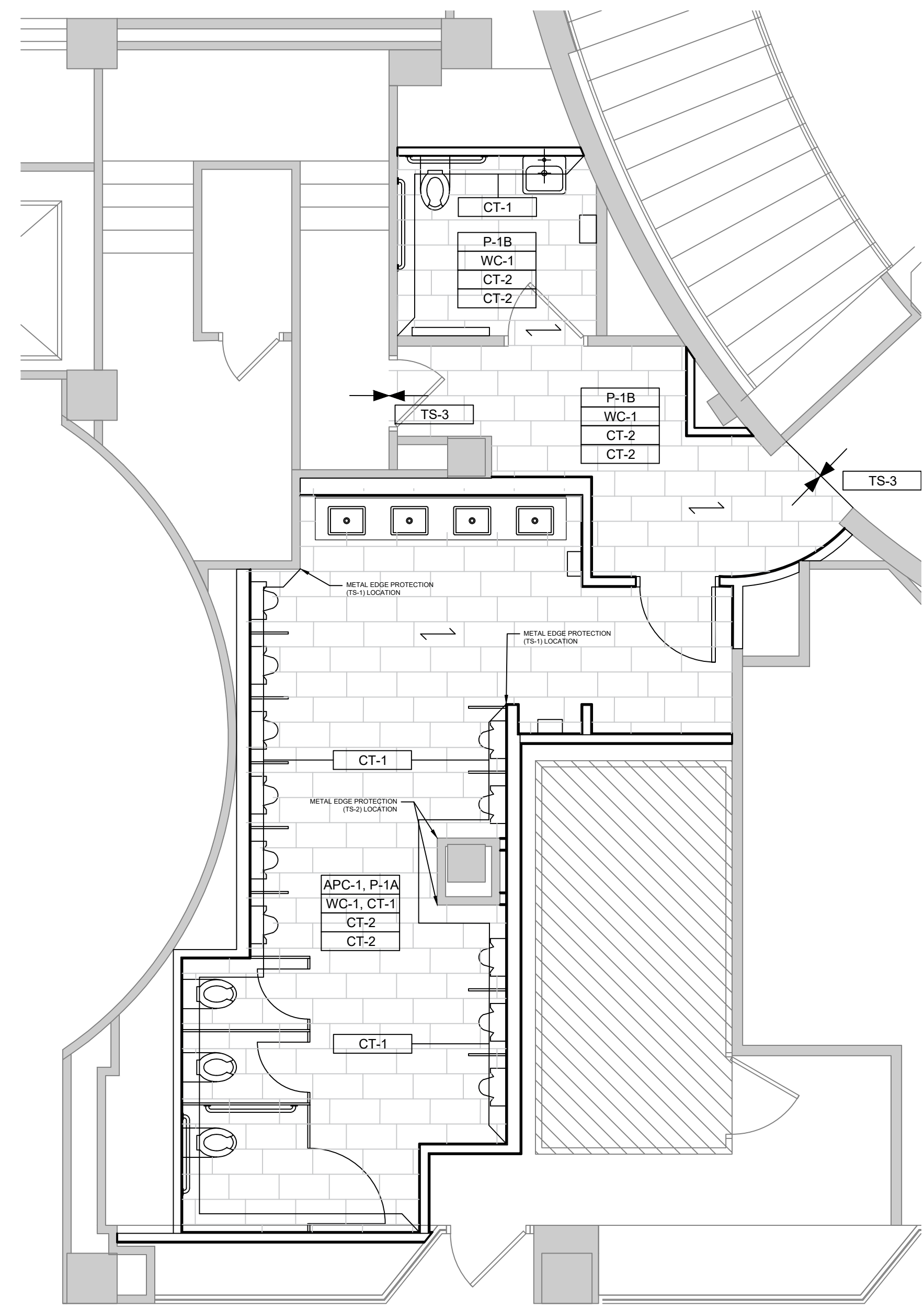


Issued / Revised		
No.	Date	Description
	07/27/2022	ISSUED FOR BID & PERMIT

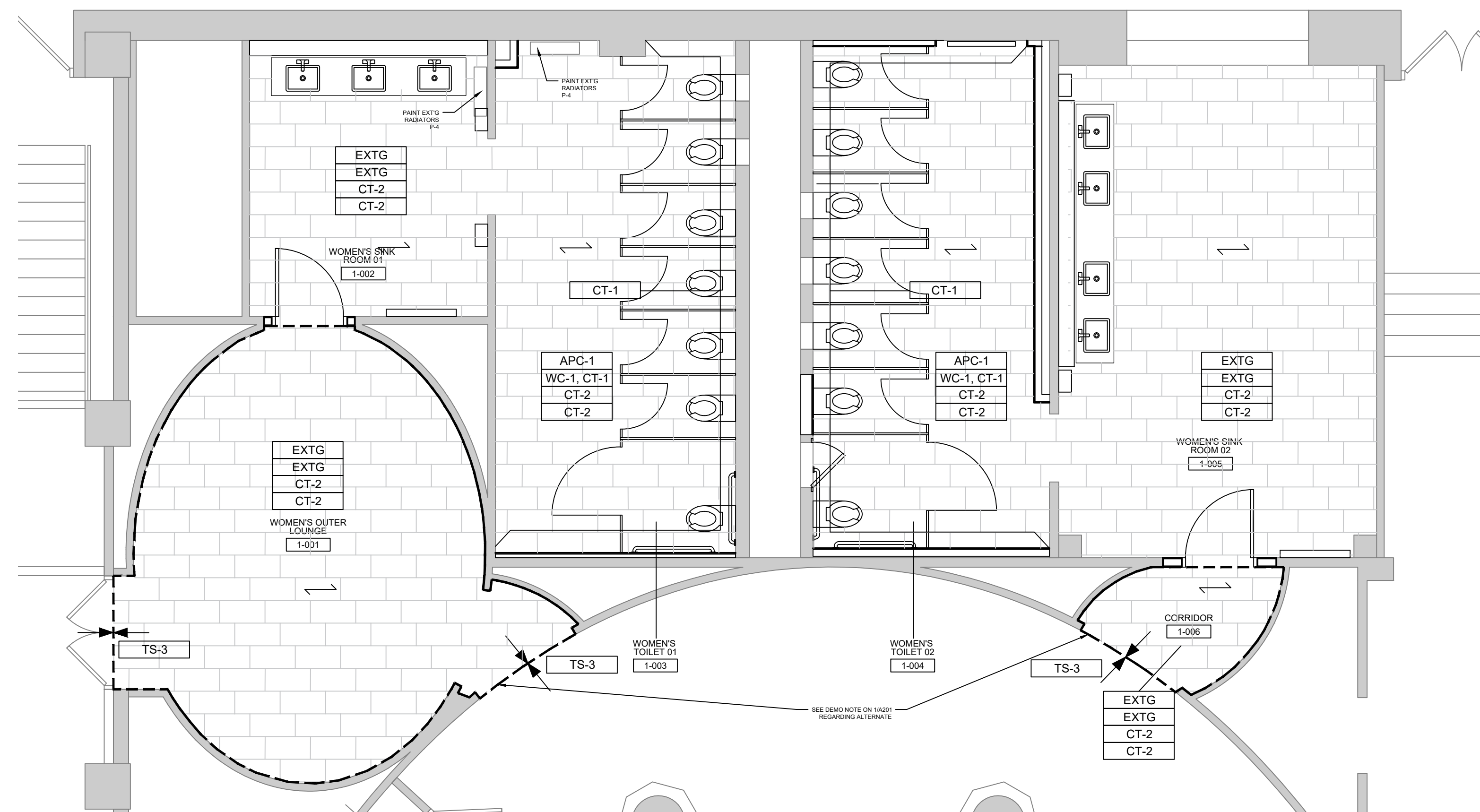
- GENERAL NOTES**
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS.
  - PATCH AND REPAIR WALLS, CEILINGS, SOFFITS, AND FLOORS AT NEW OPENINGS/DOORS IN EXISTING WALLS.
  - REFER TO ELEVATIONS FOR MIRROR AND WALLCOVERING LOCATIONS.



FINISH SCHEDULE							
ABBREVIATION	DESCRIPTION	MANUFACTURER	STYLE	COLOR	SIZE	FINISH	NOTES
<b>CEILING</b>							
APC-1	ACOUSTICAL PANEL CEILING	ROCKFON	KORAL SLN121	WHITE	24" x 48" x 5/8"	-	EDGE: SQUARE TEGULAR NARROW; SUSPENSION SYSTEM: 4000 TEMPRA (9/16 INCH); FINISH: WHITE
P-1A	PAINT FINISH AT CEILING	SHERWIN WILLIAMS	PROMAR 200 ZERO VOC INTERIOR LATEX	SW7005 PURE WHITE	-	FLAT	
P-1B	PAINT FINISH AT CEILING	SHERWIN WILLIAMS	PROMAR 200 ZERO VOC INTERIOR LATEX	-	-	FLAT	
<b>WALL</b>							
CT-1	CERAMIC WALL TILE	GRESAPANIA CERAMICA	MARBLES	CORINTO	12" x 24"	POLISHED	INSTALLATION: MONOLITHIC; GROUT MANUF: MAPEI; GROUT: DRY SANDED; GROUT JOINT: 1/8"; GROUT COLOR: 38 AVALANCHE; DISTRIBUTOR: FIRST FLOORING; CONTACT: M CECIL (330) 376-5166
WC-1	VINYL WALLCOVERING	MDC WALLCOVERING	SILK ROAD DAMASK	BBSL17 DYNASTY	52" W	-	CONTACT: SUE ETHERIDGE (330) 608-2335
P-2	PAINT FINISH AT WALLS AND NEW DOORS	SHERWIN WILLIAMS	PRECATALYZED WATERBASED EPOXY	-	-	MATCH EXISTING WALL AND DOOR COLOR	-
P-3	PAINT FINISH AT MOULDINGS AND DOORS	SHERWIN WILLIAMS	PRO CLASSIC WATERBORNE INTERIOR ACRYLIC ENAMEL	MATCH EXISTING MOLDING COLOR	-	MATCH EXISTING FINISH	-
P-4	PAINT FINISH AT RADIATORS	SHERWIN WILLIAMS	(HIGH HEAT PRODUCT)	MATCH EXTG MOLDING COLOR	-	MATCH EXTG FINISH	-
<b>BASE</b>							
CT-2	CERAMIC TILE WALL BASE, BULLNOSE	TESORO	ASIAGO	NOCE	3" x 24"	MATTE	LOCATED AT WALLS NOT RECEIVING WALL TILE. DISTRIBUTOR: FIRST FLOORING; CONTACT: M CECIL (330) 376-5166
<b>FLOOR</b>							
CT-2	CERAMIC TILE FLOORING	TESORO	ASIAGO	NOCE	12" x 24"	MATTE	INSTALLATION: 1 OVERLAY; GROUT MANUF: MAPEI; GROUT: EPOXY MODIFIED; GROUT JOINT: 1/8" THICK; GROUT COLOR: 05 CHAMOIS; DISTRIBUTOR: FIRST FLOORING; CONTACT: M CECIL (330) 376-5166
<b>MILLWORK</b>							
QSM-1	QUARTZ SURFACING MATERIAL	CAMBRIA	-	HAMILTON	-	POLISHED	CONTACT: KALNA BOBYN (412) 491-8180
CM-1	CROWN MOLDING	AAA MILLWORK	PROFILE CA-11	PAINTED P-X	1 1/2" x 3"	-	
<b>ACCESSORIES</b>							
TS-1	METAL EDGE PROTECTION	SCHLUTER	JOLLY	A100-W (WHITE)	1/2"	-	USED AT OUTSIDE EDGES OF EXPOSED CERAMIC WALL TILE
TS-2	METAL EDGE PROTECTION	SCHLUTER	FINEC	F45-MBW (MATTE WHITE)	1/2"	-	USED AT OUTSIDE EDGES OF EXPOSED CERAMIC WALL TILE
TS-3	METAL TRANSITION STRIP	SCHLUTER	RENO-U	AL-125-AT (SATIN NICKEL)	1/2"	-	USED AT TRANSITIONS FROM CERAMIC TILE TO ADJACENT FLOORING
M-1	MIRROR	COOPER CLASSICS	TOULOUSE BOLD TRADITIONAL WALL MIRROR	ANTIQUE GOLD	36" x 24" x 1.5"	-	REFER TO ELEVATIONS FOR LOCATIONS AND MOUNTING HEIGHTS
WS-1	WALL SCONCE, ONE ARM	CRYSTORAMA	ONE LIGHT CAST BRASS WALL MOUNT 651-OB	OLDE BRASS	4.5"W x 15"H x 5.5"D	-	REFER TO ELEVATIONS FOR LOCATIONS AND MOUNTING HEIGHTS
WS-2	WALL SCONCE, TWO ARM	CRYSTORAMA	TWO LIGHT CAST BRASS WALL MOUNT 650-OB	OLDE BRASS	8"W x 15"H x 5.5"D	-	REFER TO ELEVATIONS FOR LOCATIONS AND MOUNTING HEIGHTS
<b>TOILET ACCESSORIES</b>							
TP-1	TOILET PARTITIONS AND URINAL SCREENS	BRADLEY CORP	MILLS POWDER COATED SERIES 400	8517 TOFFEE	-	-	FLOOR MOUNTED, OVERHEAD BRACED
GB-1	GRAB BAR, 36"	KINGSTON BRASS	MODEL NO GDR814367	BRUSHED BRASS	36"L x 1.25"DIA	-	-
GB-2	GRAB BAR, 42"	KINGSTON BRASS	MODEL NO GDR814427	BRUSHED BRASS	42"L x 1.25"DIA	-	-
GB-3	GRAB BAR, 18"	KINGSTON BRASS	MODEL NO GDR814187	BRUSHED BRASS	18"L x 1.25"DIA	-	-
TD-1	TOILET PAPER DISPENSER	MAC FAUCETS	PRODUCT CODE: TH-2 SG	SATIN GOLD	12-9/16" DIA x 3-15/16" W	-	-
SND-1	SANITARY NAPKIN DISPOSAL	PROOX	MODEL NO ME-400	BRASS	11.8"W x 12"H x 3.5" D	-	-
PTD-1	PAPER TOWEL DISPENSER AND WASTE RECEPTACLE	AXELURO INDUSTRIE	AX9263E105	BRASS	13" W x 55" H x 3.7" D	-	-
BCS-1	BABY CHANGING STATION	LAVEX	ITEM NO: 4756CHCRM	CREAM	35.25" W x 4" H x 20" D	-	-



2 ENLARGED MEN'S ROOM  
1/4" = 1'-0"



1 ENLARGED WOMEN'S ROOM  
1/4" = 1'-0"

Client  
**WCMEAA**  
 Rialto Square Theatre  
 Restroom Renovation & Expansion  
 102 N Chicago Street  
 Joliet, Illinois 60432  
 Project No. 22-22104-00

**DLR GROUP**  
 1422 Euclid Avenue, Suite 300  
 Cleveland, Ohio 44115  
 T 216.522.1350  
 www.DLRgroup.com  
 © DLR Group

ENLARGED FINISH FLOOR PLANS

CD

1101

Checked by:

Drawn by: