

AIA DOC. A701 INSTRUCTIONS TO BIDDERS AND A201 GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION ARE PART OF THIS CONTRACT.

GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS WHICH INCLUDE THE OWNER/CONTRACTOR AGREEMENT, THE PROJECT MANUAL, THE DRAWINGS AND ALL APPENDIX AND MODIFICATIONS ISSUED BY THE ARCHITECT.
- THE CONTRACTOR SHALL REVIEW ALL DOCUMENTS AND VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND CONFIRM THAT WORK CAN BE CONSTRUCTED AS SHOWN. VERIFY LOCATIONS OF LIGHT FIXTURES, FIRE DAMPERS, ELECTRICAL OUTLETS, EXT LIGHTS, SPRINKLER SYSTEM AND OTHER NECESSARY MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT. SHOULD A CATALOG OF REQUIREMENTS EXIST IN THE SPECIFICATIONS AND/OR DRAWINGS AND EXISTING CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY, PRIOR TO THE PERFORMANCE OF ANY WORK.
- THE CONTRACTOR SHALL BRING ALL REQUIRED UTILITY WORK WHICH HAS NOT BEEN NOTED IN THE CONSTRUCTION DOCUMENTS TO THE IMMEDIATE ATTENTION OF THE ARCHITECT, PRIOR TO THE PERFORMANCE OF ANY WORK.
- TYPICAL OR TYP SHALL MEAN THAT THE CONDITION IS REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT, UNLESS OTHERWISE NOTED. DETAILS ARE USUALLY KEYED AND NOTED TYP ONLY ONCE, WHEN THEY FIRST OCCUR.
- WORK AREAS ARE TO REMAIN SECURE AND LOCKABLE DURING CONSTRUCTION, CONTRACTOR SHALL COORDINATE WITH TENANT AND LANDLORD TO ENSURE SECURITY.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND INSPECTIONS, AND COMPLY WITH THE CODES, LAWS, ORDINANCES, RULES AND REGULATIONS OF ALL PUBLIC AUTHORITIES (FEDERAL, STATE OR LOCAL) GOVERNING THE WORK. IN THE CASE OF AN OVERLAP IN THE GOVERNING CODES, THE MOST STRINGENT SHALL APPLY.
- IF GOVERNING JURISDICTION HAS RELOCATED ELEMENTS FROM LOCATIONS SHOWN ON ARCHITECTURAL DOCUMENTATION, VERIFY CHANGE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
- SOME PRODUCTS ARE SPECIFIED BY MANUFACTURER'S NAME AND MODEL NUMBER. THIS IS INTENDED TO ESTABLISH QUALITY DESIRED. PRODUCTS THAT ARE EQUAL TO WILL BE CONSIDERED, HOWEVER, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT PROOF, IF REQUIRED, OF THE SUBSTITUTIONS TECHNICAL CHARACTERISTICS WHICH MAKE IT EQUAL TO THOSE OF THE PRODUCT SPECIFIED.
- ALL WORK SHALL BE COORDINATED WITH THE LANDLORD INCLUDING, SCHEDULING TIME AND LOCATIONS FOR DELIVERIES, AND BUILDING ACCESS. DURING ALL PHASES OF WORK, MINIMUM DISTURBANCE OF BUILDING FUNCTIONS AND OCCUPANTS IS ESSENTIAL. ALL WORK INVOLVING EXCESSIVE NOISE, CORING OR X-RAYING MUST BE DONE AFTER HOURS.
- DRAWINGS ARE NOT TO BE SCALED.
- ALL DIMENSIONS ARE FROM FACE OF FINISH, FACE OF CONCRETE OR CENTER OF OBJECT UNLESS OTHERWISE NOTED.
- WITHIN THE LIMITS OF CONSTRUCTION, PATCH AND REPAIR ALL EXISTING WALLS AND SURFACES TO MEET APPLICABLE BUILDING CODES, AND TO MATCH EXISTING ADJACENT SURFACES WHERE POSSIBLE.
- TAS COMPLIANCE SHEETS (SEE SHEET LIST) ARE PROVIDED TO GIVE SUPPLEMENTAL INFORMATION SPECIFIC TO TEXAS ACCESSIBILITY STANDARD REQUIREMENTS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND DETAILS FOR THE PROJECT WITH THE INFORMATION CONTAINED ON THESE SHEETS.

MANUFACTURER'S CERTIFICATE

- SUBMIT PDF OF CERTIFICATES FOR THE ARCHITECT AND CONTRACTOR, INCLUDE ORIGINAL SIGNATURE.

WARRANTY AND OPERATION

- ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED PER MANUFACTURER'S INSTRUCTION. IN CASE OF DIFFERENCES BETWEEN THE MANUFACTURER'S INSTRUCTIONS AND THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE PROCEEDING.
- ANY CONFLICTS BETWEEN OUR DRAWINGS OR SPECIFICATIONS AND THE MANUFACTURER'S RECOMMENDATIONS SHALL BE BROUGHT TO OUR ATTENTION FOR RESOLUTION BY THE CONTRACTOR AND SUB-CONTRACTORS. OUR INTENT IS THAT THERE BE NO CONFLICTS WITH MANUFACTURER'S RECOMMENDATIONS

SHOP DRAWINGS

- SUBMIT PDF OF ALL SHOP DRAWINGS. AFTER REVIEW, REPRODUCE AND DISTRIBUTE ANY ADDITIONAL COPIES THAT MAY BE REQUIRED. SHEET SIZE: 8 1/2" X 11" MINIMUM, 30" X 42" MAXIMUM.

SUBMITTALS

- THE ARCHITECT'S REVIEW OF SUBMITTALS SHALL NOT RELIEVE THE CONTRACTOR FROM CONFORMANCE WITH THE CONTRACT DOCUMENTS OR IMPLY APPROVAL OF CHANGES TO THE CONTRACT DOCUMENTS, WHETHER OR NOT SUCH NONCONFORMANCE IS DISCOVERED IN THE SUBMITTALS.
- PRIOR TO COMMENCING SUBSTANTIAL PORTIONS OF THE WORK, PREPARE A MASTER SUBMITTAL LOG SHOWING EACH REQUIRED SUBMITTAL AND SPECIFICATION SECTION NUMBER, THE PROPOSED SCHEDULE AND SEQUENCING OF SUBMITTALS, AND EACH AFFECTED CONTRACTOR. MAINTAIN THE LOG CURRENT WITH THE PROGRESS OF THE WORK. PROVIDE A COPY OF THE INITIAL AND UPDATED LOG TO THE ARCHITECT.
- CONTRACTOR TO REVIEW SUBMITTALS TO VERIFY FOR COMPLIANCE AND INDICATE RESULTS OF REVIEW PRIOR TO SUBMITTING TO ARCHITECT.
- TRANSMIT EACH ITEM UNDER AIA FORM 810 OR A SIMILAR FORM. NUMBER EACH SUBMITTAL CONSECUTIVELY BASED UPON SPECIFICATION SECTION NUMBERS (I.E. 06400-1, 06400-2, 06400-3, ETC.) ATTACH OR INCLUDE A COVER WITH CONTRACTOR'S REVIEW STAMP, AND SIGN.  
  
A. IDENTIFY PROJECT, CONTRACTOR, SUBCONTRACTOR, MAJOR SUPPLIER, AND GENERIC NAME OF COMPONENT SYSTEM. ALLOW SPACE ON THE COVER SHEET TO ACCOMMODATE REQUIRED STAMPS BY EACH REVIEWER. PROVIDE ADDITIONAL SHEETS IF NECESSARY.
- AFTER REVIEW OF SUBMITTAL, REVISE AND RESUBMIT IF SO INDICATED. IDENTIFY CHANGES MADE SINCE PREVIOUS SUBMITTAL.
- DISTRIBUTE COPIES OF REVIEWED SUBMITTALS TO CONCERNED CONTRACTORS. INSTRUCT RECIPIENTS TO PROMPTLY REPORT ANY INABILITY TO COMPLY WITH PROVISIONS.
- MAKE SUBMITTALS FAR ENOUGH IN ADVANCE OF SCHEDULED INSTALLATION DATES TO PROVIDE TIME REQUIRED FOR REVIEWS, FOR SECURING NECESSARY APPROVALS, FOR POSSIBLE REVISIONS AND RESUBMITTALS, AND FOR PLACING ORDERS AND SECURING DELIVERY.
- SUBMITTALS PROVIDED FOR WORK AND FOR WHICH NO REQUIREMENT FOR SUBMITTAL IS STATED IN THE DRAWINGS OR SPECIFICATIONS WILL BE RETURNED WITHOUT REVIEW.

REQUEST FOR SUBSTITUTIONS

- SUBMIT SEPARATE REQUESTS FOR EACH PRODUCT AND SUPPORT EACH REQUEST WITH:  
  
A. PRODUCT IDENTIFICATION.  
  
B. MANUFACTURER'S LITERATURE.  
  
C. SAMPLES, AS APPLICABLE.  
  
D. NAME AND ADDRESS OF SIMILAR PROJECTS ON WHICH PRODUCT HAS BEEN USED, AND DATE OF INSTALLATION.
- REASON FOR SUBSTITUTION
- ITEMIZE A COMPARISON OF THE PROPOSED SUBSTITUTION WITH PRODUCT SPECIFIED AND LIST SIGNIFICANT VARIATIONS.
- SUBMIT DATA RELATING TO CHANGES IN CONSTRUCTION SCHEDULE
- NOTE ANY EFFECT OF SUBSTITUTION ON THEIR WORK OR PRODUCTS OR ON SEPARATE CONTRACTS.
- INCLUDE ACCURATE COST COMPARISON OF PROPOSED AND ARCHITECT SPECIFIED ITEMS.
- SUBSTITUTIONS WILL NOT BE CONSIDERED WHEN:  
  
A. THEY ARE INDICATED OR IMPLIED ON SUBMITTALS WITHOUT A FORMAL REQUEST.  
  
B. ACCEPTANCE WILL REQUIRE SUBSTANTIAL REVISIONS OR DRAWINGS AND SPECIFICATIONS.
- DO NOT ORDER OR PROVIDE SUBSTITUTE PRODUCTS WITHOUT APPROVAL.
- BURDEN OF PROOF OF MERIT OF PROPOSED SUBSTITUTION IS THE RESPONSIBILITY OF THE CONTRACTOR.

GENERAL DEMOLITION NOTES

- REMOVE ALL WALLS, CABINETS AND DOORS SHOWN DASHED ON DEMOLITION PLAN. REMOVE DESIGNATED COMPONENTS, BUILDING EQUIPMENT, FIXTURES ETC. AS REQUIRED FOR NEW CONSTRUCTION. ALL EXISTING CONSTRUCTION IS TO REMAIN UNLESS NOTED OTHERWISE.
- THE ARCHITECT HAS NO KNOWLEDGE OF AND SHALL NOT BE HELD LIABLE FOR ANY ASBESTOS OR OTHER HAZARDOUS MATERIALS ON THE JOB SITE. IF ASBESTOS OR OTHER HAZARDOUS MATERIALS ARE DISCOVERED DURING CONSTRUCTION, THE CONTRACTOR SHALL ISOLATE THE AFFECTED AREA AND CONTACT BUILDING MANAGEMENT FOR FURTHER INSTRUCTIONS BEFORE PROCEEDING.
- COMPLY WITH APPLICABLE LOCAL, STATE AND FEDERAL CODES AND REGULATIONS PERTAINING TO SAFETY OF PERSONS, PROPERTY AND ENVIRONMENTAL PROTECTION.
- DO NOT INTERFERE WITH USE OF ADJACENT BUILDINGS OR TENANTS, MAINTAIN FREE AND SAFE PASSAGE TO AND FROM.
- PROVIDE, ERECT AND MAINTAIN BARRICADES, LIGHTING AND GUARDRAILS AS REQUIRED BY APPLICABLE CODES AND REGULATIONS TO PROTECT OCCUPANTS OF BUILDING AND WORKERS.
- ERECT AND MAINTAIN DUSTPROOF PARTITIONS AS REQUIRED TO PREVENT SPREAD OF DUST, FUMES AND SMOKE, ETC. TO OTHER PARTS OF THE BUILDING. UPON COMPLETION REMOVE PARTITIONS AND REPAIR DAMAGED SURFACES TO MATCH ADJACENT SURFACES.
- REPAIR ALL DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED, AT NO COST TO THE OWNER. CONTRACTOR IS RESPONSIBLE FOR RESTORING DAMAGES INCURRED THROUGH THE RELOCATION AND/OR REMOVAL OF ANY MATERIALS OR EQUIPMENT AND FOR PROVIDING ANY MODIFICATIONS NECESSARY TO RE-INSTALL MATERIALS OR EQUIPMENT IN THEIR NEW AND PROPER CONFIGURATION.
- REMOVE FROM SITE AND LEGALLY DISPOSE OF DAILY ALL REFUSE, DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. BURNING OF DEBRIS ON SITE IS NOT PERMITTED.
- REMOVE TOOLS AND EQUIPMENT FROM SITE UPON COMPLETION OF WORK. LEAVE CONTRACT AREAS AND SITE CLEAN, ORDERLY AND IN A CONDITION ACCEPTABLE FOR NEW OR OTHER CONSTRUCTION.
- WHERE EXISTING WALLS ARE TO BE REMOVED, PATCH AND REPAIR REMAINING WALLS TO MATCH AS REQUIRED. WHERE WALLS ARE REMOVED AT WALL PANELS, REPLACE ALL PANELS DAMAGED BY DEMOLITION. CAREFULLY PEEL BACK EXISTING WALL COVERINGS 2'-0" OR TO THE NEAREST JOINT ON EACH SIDE AND REMOVE PORTION OF WALL REQUIRED TO INSTALL NEW DOOR AND FRAME.

ARCHITECTURAL WOODWORK

- STANDARDS: THE "QUALITY STANDARDS" OF THE ARCHITECTURAL WOODWORK INSTITUTE SHALL APPLY AND BY REFERENCE ARE HEREBY MADE A PART OF THIS SPECIFICATION. ANY REFERENCE TO PREMIUM OR CUSTOM IN THIS SPECIFICATION SHALL BE AS DEFINED IN THE LATEST EDITION OF THE AIA "QUALITY STANDARDS". ANY ITEM NOT GIVEN A SPECIFIC QUALITY GRADE SHALL BE CUSTOM GRADE AS DEFINED IN THE LATEST EDITION OF THE AIA "QUALITY STANDARDS".
- SHOP DRAWINGS: SUBMIT SHOP DRAWINGS  
  
A. SAMPLES: SUBMIT THREE (3) SAMPLES OF EACH WOOD SPECIES WHICH IS TO RECEIVE TRANSPARENT FINISH AT SITE, AS REQUESTED BY THE ARCHITECT.
- FIELD DIMENSIONS: SUBCONTRACTOR SHALL FIELD MEASURE ALL CRITICAL DIMENSIONS AND VERIFY FIT OF ALL APPLIANCES, PLUMBING FIXTURES, LIGHT FIXTURES, ETC. TO GUARANTEE PROPER FIT AND OPERATION OF ALL WOOD WORK.
- ALL MATERIAL SHALL BE CLEAN AND CLEAR, WITH NO VISIBLE SAP OR DEFECTS; FACE SURFACES SHALL BE OF CLOSELY MATCHING APPEARANCE. BLOCK DOOR JAMBS BEHIND BUTTS.
- CABINETS SHALL BE DELIVERED TO JOB SITE AND PROPERLY PROTECTED UNTIL INSTALLATION AND FINISHING. INSTALLATION SHALL BE PERFORMED BY THE TRIM CREW.
- ALL PLYWOOD IN CABINETS TO BE EDGED WITH 1/8" EDGE BAND ON ALL EXPOSED SIDES. EDGE MATERIAL TO MATCH PLYWOOD FACE MATERIAL.
- AWI QUALITY GRADE: CUSTOM  
-CONSTRUCTION, DETAILS SHALL CONFORM TO REVEAL OVERLAY DESIGN  
-EXPOSED SOLID WOOD PARTS: RED OAK  
-EXPOSED PLYWOOD PARTS: RED OAK  
-SEMI-EXPOSED PARTS: AS GOVERNED BY SELECTED AWI QUALITY GRADE
- HARDWARE:  
-DRAWER SLIDES: K&V 1300; RABBIT CONNECTIONS, GLUE WITH CONCEALED FASTENINGS OR AS SUPPLIED BY PREMANUFACTURED CABINET SUPPLIER.  
-ADJUSTABLE SHELVES: K & V 250; PLASTER STANDARDS AND 256 SUPPORTS. FLUSH SIDE MOUNTED, BRONZE FINISH  
-HINGES: SEMI-CONCEALED OR FULLY CONCEALED FOR FLUSH OVERLAY DESIGNS.

PARTITION NOTES

- ALL DIMENSIONS FOR PARTITIONS ARE TO FINISH FACE OF PARTITION OR AS INDICATED. BUILDING STANDARD PARTITIONS SHALL BE CONSTRUCTED OF 2 1/2" METAL STUDS AT 24" ON CENTER WITH 1" ONE HOUR FIRE RESISTANT GYPSUM BOARD ON EACH SIDE.
- PARTITIONS SPECIFIED TO TERMINATE AT THE CEILING GRID ARE TO BE CONSTRUCTED SO AS TO HAVE THE TOP OF THE PARTITION FLUSH WITH THE BOTTOM EDGE OF THE GRID. RIBBONING EDGES WILL BE REJECTED. TOP OF THE PARTITION IS TO BE FINISHED WITH RACO OR FRAMEWORKS 1" BLACK EXTRUDED ALUMINUM HEAD TRACK. CEILING TILES TO BE RABBETED TO FIT TO TOP OF PARTITION AND LAY PROPERLY INTO CEILING GRID.
- ALL DEMISING WALLS EXISTING AND NEW SHALL EXTEND TO DECK WITH SOUND ATTENUATION ON BOTH SIDES. PARTITIONS TO BE FINISHED WITH RACO OR FRAMEWORKS 1" BLACK "PR-21" REVEAL MOLDING.
- PROVIDE BRACING ABOVE CEILING HEIGHT PARTITIONS AT LONG UNBRACED LENGTHS, WHERE APPLICABLE AND AT ALL DOOR AND GLAZING OPENING JAMBS IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE NON-COMBUSTIBLE 2x4 HORIZONTAL AND VERTICAL BLOCKING AS REQUIRED TO SUPPORT AT ALL MILLWORK INSTALLATION LOCATIONS.
- ALL NEW OR MODIFIED FIRE WALLS AND SMOKE WALLS SHALL BE LABELED ABOVE CEILING AT 28 O.C. WITH LETTERING NOT LESS THAN 0.5 INCH HEIGHT "FIRE AND/OR SMOKE BARRIER, PROTECT ALL OPENINGS". ALL NEW AND EXISTING PENETRATIONS INTO RATED WALLS SHALL BE SEALED TO MAINTAIN RATING. FIELD VERIFY EXISTING CONDITIONS.
- ALL PARTITION RETURNS SHALL HAVE METAL CORNER BEADS FLOOR TO CEILING. ALL EXPOSED GYPSUM BOARD EDGES SHALL HAVE 1" BEADS FLOOR TO CEILING. WALL ENDS AT WINDOW MULLIONS TO BE FINISHED WITH RACO OR FRAMEWORKS 1" BLACK EXTRUDED ALUMINUM, END CAP CASING. AIR SPACE BETWEEN MULLION AND WALL END TO BE CLOSED WITH NEOPRENE GASKET TO REDUCE SOUND TRANSMISSION.
- SOUND INSULATION (WHERE SPECIFIED) SHALL BE EITHER BLANKET OR BATT TYPE IN WIDTHS NECESSARY TO FILL THE DESIGNATED STUD SPACES. US GYPSUM - THERMABER SOUND ATTENUATION BLANKETS OR APPROVED EQUAL. OWENS CORNING FIBERGLASS CORP. - FIBERGLASS NOISE BARRIER BATTS OR APPROVED EQUAL.

DRYWALL NOTES

- ALL VERTICAL AND HORIZONTAL EXTERNAL CORNERS OF GYPSUM BOARD SHALL HAVE CORNER REINFORCEMENTS PROVIDED. INSTALL CORNER BEADS WITH SUITABLE FASTENERS SPACED 9" ON CENTER MAXIMUM. INSTALL CASING BEADS WHERE GYPSUM SURFACES TERMINATE OR MEET DISSIMILAR MATERIALS.
- ALL JOINTS, SCREWS, OR OTHER DEPRESSIONS IN SURFACES OF GYPSUM WALLBOARD SHALL BE TREATED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS USING TAPE SYSTEM. ALL JOINTS EXCEPT AS OTHERWISE NOTED, SHALL BE TAPED, BEDDED, AND SANDED SMOOTH, READY FOR A FINISHED WALL TREATMENT.
- FINISHED JOINTS SHALL NOT BE LESS THAN 14" IN WIDTH. JOINTS OF WALLBOARD ABOVE CEILINGS ARE REQUIRED TO BE TAPED ONLY UNLESS OTHERWISE REQUIRED BY FIRE OR SOUND RATINGS.
- FINISH DRYWALL CONSTRUCTION SHALL BE FREE OF NOTICEABLE DEFECTS WHICH INCLUDE JOINT RIDGING, STARVED JOINTS, BOARD EDGES SAGGED OR OUT OF PLANE, JOINT BUSTERS, NAIL POPS, PIN HOLES OR ANY OTHER NOTICEABLE DEFECT. FINISH WALLS SHALL BE TRUE TO LINE, PERFECTLY SMOOTH AND READY TO RECEIVE FINISH MATERIAL.

PAINT/WALLCOVERING FINISH NOTES

- APPLICATION. (TAPE ALL EDGES OF GYPSUM BOARD). PREPARE SAMPLES UNDER SPECIFIED LIGHT. RESUBMIT AS REQ'D. FOR ACCEPTABLE SHEEN, COLOR & TEXTURE.
- APPLICATOR SHALL INSPECT ALL SURFACES SCHEDULED TO RECEIVE NEW FINISH. TAPE JOINTS AND INDENTATIONS SHALL NOT TELESCOPE OR READ THROUGH THE PAINT FINISH AND WALLCOVERING. DO NOT PROCEED WITH THE WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
- REFER TO MANUFACTURER'S SPECIFICATIONS WHEN APPLYING SPECIALTY PAINT AND WALLCOVERINGS.
- APPLICATOR SHALL USE PRIMER COMPATIBLE WITH SUBSTRATE TO BE PAINTED AND WILL APPLY FINAL FINISH COAT AS RECOMMENDED BY THE MANUFACTURER TO MATCH ARCHITECT SPECIFIED FINISH. TINT PRIMER COAT TOWARD FINAL COLOR. SEALER/PRIMER SHALL BE ROLL APPLIED TO GYPSUM BOARD. SPRAY APPLICATION IS NOT ACCEPTABLE.
- BEFORE PAINTING WORK IS TO BEGIN, THE FOLLOWING ENVIRONMENTAL CONDITIONS SHALL BE PROVIDED:  
  
A. MAINTAIN INTERIOR OF BUILDING SPACE WITH TEMPERATURE OF 80°F MIN. AND 85°F MAX. AND A RELATIVE HUMIDITY OF LESS THAN 75% FOR THREE DAYS PRIOR TO START OF PAINTING WORK, DURING THE PAINTING PROCESS AND AFTER WORK COMPLETION.  
  
B. LIGHTING IN ALL SPACES SHALL BE FULL FINAL ILLUMINATION LEVEL. CONTRACTOR SHALL PROVIDE TEMPORARY LIGHTING WHERE REQUIRED.
- REMOVE OR PROVIDE SURFACE-APPLIED PROTECTION TO HARDWARE, HARDWARE ACCESSORIES, MACHINED SURFACES, PLATES, LIGHT FIXTURES AND SIMILAR FINISH IN PLACES WHICH ARE NOT TO BE FINISHED PAINTED. FOLLOWING COMPLETION AND AFTER SURFACES ARE COMPLETELY DRY, REINSTALL REMOVED ITEMS AND/OR REMOVE PROTECTION.
- KEEP FREE OF PAINT ALL CODE-REQUIRED LABELS SUCH AS "UL" AND FACTORY MUTUAL, OR ANY EQUIPMENT IDENTIFICATION, PERFORMANCE RATING, NAME OR NOMENCLATURE PLATES.
- PAINT SHALL BE APPLIED BY SKILLED CRAFTSMEN AND SHALL BE FREE OF ALL RUNS, BRUSH MARKS, SAGS AND OTHER DEFECTS. ARCHITECT WILL REJECT SUCH DEFECTS.

PAINT/WALLCOVERING (CONT'D)

- PROVIDE PAINT SYSTEMS FOR VARIOUS SUBSTRATES AS SCHEDULED ON FINISH PLANS. WORK SHALL BE 3-COATS QUALITY, USING COMPATIBLE PRIMERS ON SUBSTRATES, AS RECOMMENDED BY FINISH COAT MANUFACTURERS. WORK SHALL MATCH EXISTING WHERE APPLICABLE.  
  
A. FERROUS METAL  
1ST COAT: METAL PRIMER - RUST INHIBITIVE  
2ND COAT: SEMI-GLOSS ALKYLID ENAMEL  
3RD COAT: ALKYLID ENAMEL  
  
B. GYPSUM WALLBOARD (FINE TEXTURE)  
1ST COAT: PVA SEALER (ROLLER APPLIED)  
2ND/3RD COAT: SEMI-GLOSS ENAMEL  
  
C. WOOD (OPAQUE)  
1ST COAT: ENAMEL UNDERCOAT  
2ND/3RD COAT: SEMI-GLOSS ALKYLID ENAMEL  
  
D. ALUMINUM (DOOR FRAMES)  
1ST COAT: CHROMATE METAL PRIMER  
2ND/3RD COAT: SEMI-GLOSS ALKYLID ENAMEL

CARPET FINISH NOTES

- FOR CARPET PREPARATION, CLEAN FLOORS OF DUST, DIRT, SOLVENTS, OIL, GREASE, PAINT, PLASTER AND SUBSTANCES DETRIMENTAL TO PROPER PERFORMANCE OF ADHESIVE AND CARPET AS RECOMMENDED BY MANUFACTURER. ALLOW FLOORS TO THOROUGHLY DRY.
- USE AN APPROVED CEMENTITIOUS FILLER TO PATCH CRACKS, SMALL HOLES AND FOR LEVELING. ENSURE THAT FLOORS ARE LEVEL WITH MAXIMUM SURFACE VARIATION OF 1/4" IN 10 FEET, NONCUMULATIVE.
- COMPLY WITH MANUFACTURER'S PRINTED INSTRUCTIONS IN THE INSTALLATION OF THE CARPET.
- NEATLY TRIM CARPET EDGES FOR TIGHT FIT ALONG WALLS, CUT AND FIT EVENLY AROUND PROJECTIONS AND INTO TRIM STRIPS AND REVEALS. FIT CLOSELY AND EVENLY TO DOORWAYS. TERMINATING CARPET AT FRAMES. FINISHED INSTALLATION SHALL BE SMOOTH AND FREE OF RIPPLES AND PUCKERS.
- INSTALL RUBBER TRANSITIONS STRIP TO MATCH BASE WHERE CARPET MEETS ALL OTHER FLOORING MATERIAL.

RESILIENT BASE FINISH NOTES

- AREAS TO RECEIVE RESILIENT TILE SHALL HAVE BLDG STANDARD COVE BASE UNLESS OTHERWISE NOTED.
- FIT JOINTS TIGHT AND VERTICAL. INSTALL BASE IN LONGEST PRACTICAL LENGTH, USING ROLL STOCK.
- SCRIBE TO VERTICAL OBSTRUCTIONS.
- INSTALL ON CONTINUOUS SOLID BACKING. ADHERE TIGHTLY TO SUBSTRATE AND FLOOR USING MANUFACTURER'S RECOMMENDED ADHESIVE.

GENERAL FINISH NOTES

- REVIEW CONSTRUCTION NOTES BEFORE WORK.
- REVIEW FINISH SCHEDULE/FINISH PLAN BEFORE COMMENCING WORK. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS BETWEEN ACTUAL CONDITIONS AND FINISH LAYOUT.
- CONTRACTOR SHALL PREPARE SURFACES PER FINISH MANUFACTURER'S SPECIFICATIONS PRIOR TO APPLICATION OF FINISH
- ENSURE THAT SURFACES TO RECEIVE FINISHES ARE CLEAN, TRUE AND FREE OF IRREGULARITIES - DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. STARTING WORK SHALL INDICATE APPLICATOR'S ACCEPTANCE OF SUBSTRATE.
- REPAIR & PREPARE EXISTING SURFACES AS REQUIRED FOR APPLICATION OF FINISHES.
- VERIFY FLOOR AREAS ARE ACCEPTABLE TO RECEIVE FLOOR FINISHES. CONCRETE FLOORS SHALL BE FREE FROM SCALING AND IRREGULARITIES AND SHALL EXHIBIT NEUTRALITY RELATIVE TO ACIDITY AND ALKALINITY.
- FLOOR FINISH TRANSITION TO OCCUR AT CENTERLINE OF DOOR OR CASED OPENING UNLESS OTHERWISE NOTED. REFER TO DOOR SCHEDULE FOR SILL DETAILS.
- INSPECT AREAS WHERE CARPET TRANSITIONS AT VCT FLOORING. FLASH PATCH AS REQUIRED TO SET TOP OF CARPET 1/4" ABOVE ADJACENT FINISH.

MECHANICAL NOTES

- CONTRACTOR SHALL SUBMIT LAYOUT OF DISTRIBUTION TO ARCHITECT FOR REVIEW
- RELOCATE ALL THERMOSTATS AS REQUIRED (4" A.F.F.)
- PROVIDE ALL EQUIPMENT, MATERIAL, HARDWARE, INCIDENTALS AND LABOR FOR COMPLETE HVAC SYSTEM
- COMPLY WITH ALL LOCAL, COUNTY AND STATE GOVERNMENTAL CODES, ORDINANCES AND REGULATIONS AND UTILITY COMPANY STANDARDS, INCLUDE COMPLIANCE WITH LOCAL FIRE MARSHAL REQUIREMENTS AND N.E.P.A. STANDARDS.
- ALL DUCTWORK TO COMPLY WITH ASHRAE CONSTRUCTION STANDARDS FIELD INSPECT ALL EXISTING EQUIPMENT FOR PROPER MAINTENANCE AND OPERATION.
- REPAIR OR REPLACE DAMAGED EQUIPMENT TO ASSURE PROPER OPERATION.
- FIELD VERIFY SIZE AND LOCATION OF EXISTING UNITS/DUCTWORK
- PROJECT IS A COMPREHENSIVE MAKE-READY TO INCLUDE RELOCATION OF EXISTING HVAC AND/OR RETURN AIR GRILLS AS NECESSARY. UPGRADE AND ZONE HVAC AS REQUIRED FOR NEW LAYOUT (REFER TO PLANS FOR INCLUDED AREAS).

ELECTRICAL NOTES

- ALL OUTLET LOCATIONS TO REMAIN EXACTLY AS SHOWN. CONTACT ARCHITECT FOR APPROVAL OF LOCATION CHANGES.
- ALL TELEPHONE/DATA AND ELECTRICAL OUTLETS TO BE MOUNTED 1'-3" A.F.F. (AS MEASURED TO THE BOTTOM OF THE PLATE) UNLESS OTHERWISE NOTED.
- ALL SWITCHES AND OUTLETS ARE TO BE GANGED AND COVERED WITH A CONTINUOUS PLATE. ALL SWITCHES TO BE 48" A.F.F., U.N.C.
- ALL DIMENSIONS ARE TO CENTER POINT OF OUTLETS OR GROUPS OF OUTLETS. SPACING WITHIN A GROUP SHOULD BE 8" ON CENTER AND NO GREATER UNLESS APPROVED BY ARCHITECT.
- CONTRACTOR TO VERIFY LOCATIONS OF ALL STRUCTURAL SYSTEMS WHERE CORING IS INDICATED ON THE PLANS. IF CONFLICT OCCURS, CONTACT THE ARCHITECT FOR DIRECTION PRIOR TO COMMENCEMENT OF WORK.
- SCOPE OF ELECTRICAL WORK IS TO BE BASED UPON THE OUTLET LOCATION PLAN TO DETERMINE THE TYPE, QUANTITY, AND LOCATIONS OF OUTLETS. REFER TO ELECTRICAL ENGINEERING PLANS FOR CIRCUITING INFORMATION AND COORDINATION WITH OTHER TRADES AND EQUIPMENT, IF APPLICABLE. IN CASE OF CONFLICT IN LOCATIONS, ARCHITECTURAL PLANS GOVERN.
- COMPLETE SYSTEM IN ACCORDANCE WITH CITY OF AUSTIN CODE, LOCAL ORDINANCES, AND NATIONAL ELECTRIC CODE.
- CONNECT NEW FIXTURES AS SCHEDULED TO EXISTING CONTROLS AND CIRCUITS CURRENTLY USED FOR THE FIXTURES BEING REPLACED.
- CONNECT NEW FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITS TO ACHIEVE CODE REQUIRED LIGHT LEVELS IN CORRIDORS.
- ALL CONDUCTORS SHALL BE COPPER.

LIGHTING/ CEILING NOTES

- IF CONFLICT OCCURS BETWEEN LIGHT FIXTURES AND ANY BUILDING SYSTEM, CONTRACTOR SHALL NOTIFY ARCHITECT FOR DIRECTION PRIOR TO BEGINNING WORK.
- LIGHT FIXTURES SHALL OCCUR AT THE CENTER POINT OF THE TILE IN WHICH THEY OCCUR, UNLESS OTHERWISE NOTED. ALL FIXTURE DIMENSIONS ARE TO CENTER LINE OF FIXTURE.
- CONTRACTOR SHALL CLEAN AND REMOVE ALL STICKERS, PACKAGING, AND TAGS FROM ALL NEW SIGNS AND FIXTURES.
- ALL EXIT SIGNS AND EMERGENCY LIGHTING SHALL BE CONNECTED TO AN UNSWITCHED EMERGENCY CIRCUIT LEG (OR PROVIDED WITH BATTERY PACK) FOR EMERGENCY OPERATION. THE ELECTRICAL CONTRACTOR SHOULD FIELD VERIFY THAT THE CIRCUIT HAS CAPACITY TO HANDLE THE LOAD.
- CEILING GRID & CEILING TILE SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- ALL EXISTING ELECTRICAL CONDUIT NEEDS TO BE RAISED OFF THE CEILING GRID, PER CODE.

FIRE PROTECTION

- TAS COMPLIANT FIRE EXTINGUISHER CABINETS (FEC) SHALL BE LOCATED IN EACH SUITE, PREFERABLY IN THE BREAK ROOM, AND INSTALLED PER CODE IN THE CORRIDORS. NEW FIRE EXTINGUISHER CABINETS SHALL MATCH EXISTING IN APPEARANCE AND BE SIZED TO FIT 2 1/2" STUD WALL. CONTRACTOR TO SUBMIT TO ARCHITECT FOR APPROVAL.

DRAWING INDEX

ARCHITECTURAL

- A0.1 COVER SHEET / INDEX  
A0.2 CODE  
  
A1.0 DEMO PLAN & FLOOR PLAN  
A1.1 POWER PLAN & RCP  
A1.2 FINISH PLAN AND SCHEDULE

A2.0 ELEVATIONS, SECTIONS

- A2.1 DETAILS, SCHEDULES

A5.1 TAS ITEMS

- A5.2 TAS ITEMS

MECHANICAL

- M1-01 HVAC FLOOR PLAN  
M1-02 DEMO HVAC FLOOR PLAN

ELECTRICAL

- E0-01 LEGEND  
E1-01 LIGHTING FLOOR PLAN  
E1-02 POWER FLOOR PLAN

PLUMBING

- P1-01 PLUMBING WATER FLOOR PLAN  
P1-03 PLUMBING WASTE VENT FLOOR PLAN

CODE, DESIGN & PLANNING DATA

- A. INTERNATIONAL BUILDING CODE 2021 EDITION  
B. TEXAS ACCESSIBILITY STANDARDS  
C. APPLICABLE CODES/STANDARDS FROM CITY OF AUSTIN  
D. INTERNATIONAL ENERGY CONSERVATION CODE 2021  
E. INTERNATIONAL FIRE CODE 2021  
F. UNIFORM PLUMBING CODE 2021  
G. UNIFORM MECHANICAL CODE 2021  
H. NATIONAL ELECTRICAL CODE 2020

BUILDING CONSTRUCTION TYPE:

TYPE IIB PER IBC

PROJECT OCCUPANCY TYPE:

TYPE B PER IBC

APPROX. AREA OF WORK:

9600 SQ.FT., 19 OCCUPANTS

FIRE PROTECTION:

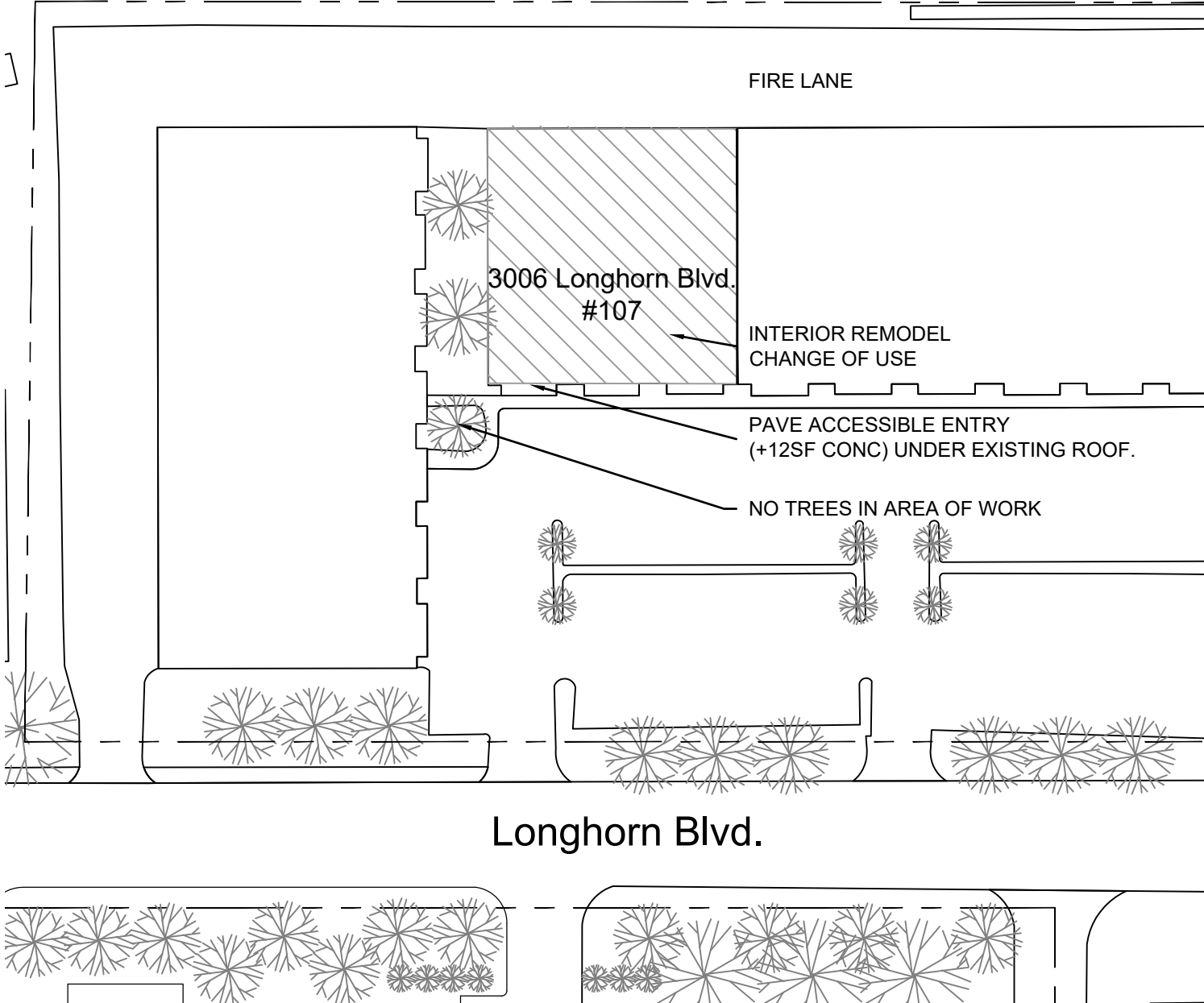
NON-SPRINKLERED

PROVIDE EXTINGUISHERS AND SMOKE DETECT. PER CODE



VICINITY MAP

NOT TO SCALE



SITE PLAN

1"=60'-0"

REVISIONS

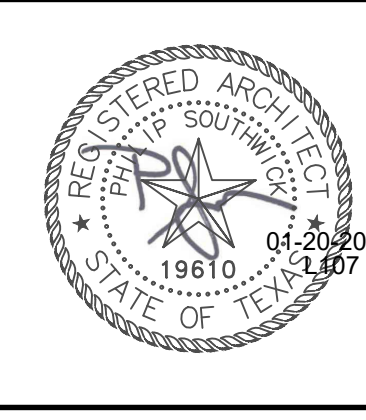
DATE:	01/20/2022
DRAWN:	
CHECKED:	

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS AND SPECIFICATIONS, SHALL REMAIN THE PROPERTY OF THE ARCHITECT. ALL INSTRUMENTS OF SERVICE SHALL BE KEPT BY THE ARCHITECT AND MAY NOT BE USED FOR ANY PURPOSES NOT SPECIFICALLY AGREED TO IN WRITING BY THE ARCHITECT. ANY CHANGES MADE IN THE PLANS AND/OR SPECIFICATIONS BY THE OWNER OR PERSONS OTHER THAN THE ARCHITECT, ANY AND ALL LIABILITY ARISING OUT OF SUCH CHANGES SHALL BE THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE OWNER. THE ARCHITECT HAS REVIEWED ARCHITECT PRIOR NOTICE AND HAS RECEIVED ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.LHOLDER.COM  
4202 SPIEWEG SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758

issue for permit



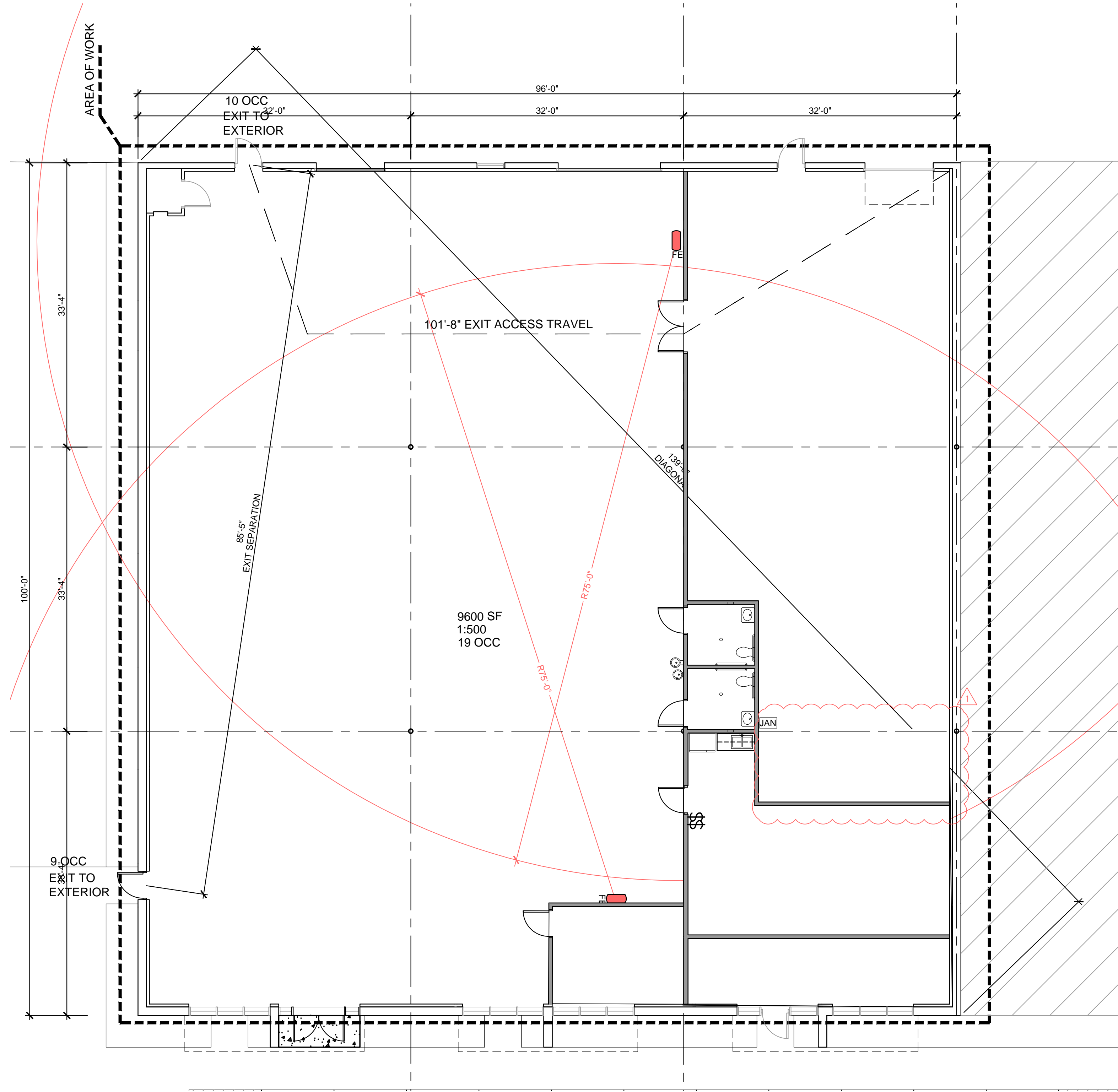
If this file has been transmitted electronically, the original is in the office of L. M. Holder III, F.A.I.A. The electronic document was released by L. M. Holder III, F.A.I.A. for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, F.A.I.A.

JOB NO. 3663

COVER

SHEET  
A0.1





1 EXIT PLAN  
1/8" = 1'-0"

PROJECT SCOPE:

9600 SF WAREHOUSE  
DISTRIBUTION CENTER

CHANGE OF USE OFFICE TO  
WAREHOUSE

BUILDING INFO:  
EXISTING 1 STORY 28,800 SF  
WAREHOUSE  
NO SPRINKLERED  
NO BUILDING FIRE ALARM  
FIRE EXTINGUISHERS PER  
CODE

S-1 MODERATE HAZARD STORAGE  
A/V COMMUNICATION GEAR WITH  
PLASTIC TRIM  
NOT PUBLIC: DISTRIBUTION CENTER

9,600SF  
1:500 WAREHOUSE  
=19 OCC  
(ACTUAL APPROX.10)

CODE SCOPE NOTES:

BUILDING: 2021 IBC  
ELECTRICAL: 2021 NEC  
ENERGY: 2015 IECC  
MECHANICAL: 2021 UMC  
PLUMBING: 2021 UPC

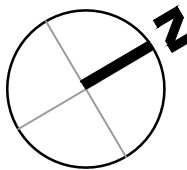
LEGEND



EXIT SIGN



FIRE EXTINGUISHER TYPE 3A OR  
BETTER



issue for permit

REVISIONS  
VE 2/24/2022

DATE: 01/20/2022

DRAWN:

CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL  
DRAWINGS AND SPECIFICATIONS PREPARED BY THE  
ARCHITECT SHALL REMAIN THE PROPERTY OF THE  
ARCHITECT AND MAY NOT BE USED FOR ANY PURPOSES  
NOT SPECIFICALLY AGREED TO IN WRITING BY THE  
ARCHITECT. ALL REPRODUCTIONS OF THE  
INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER  
MAY BE USED BY THE OWNER FOR ANY PURPOSES  
RELATED TO THE SUBJECT PROPERTY AND THE WORK  
THAT ANY CHANGES ARE MADE IN THE PLANS AND/OR  
SPECIFICATIONS BY THE OWNER OR PERSONS OTHER  
THAN THE ARCHITECT, ANY AND ALL LIABILITY ARISING  
OUT OF SUCH CHANGES SHALL BE THE FULL  
RESPONSIBILITY OF THE OWNER. THE ARCHITECT HAS  
GIVEN ARCHITECT PRIOR NOTICE AND HAS RESERVED  
ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

L.M.HOLDER III, F.A.I.A.

ARCHITECTS PLANNERS ENERGY CONSULTANTS

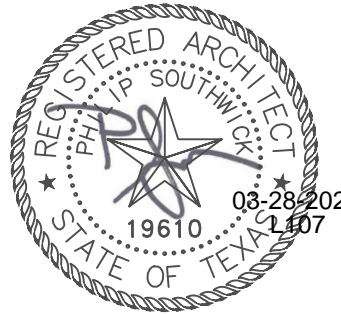
WWW . HOLDER3 . COM

4202 SPICEWOOD SPRINGS RD. SUITE 214

AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN

3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758



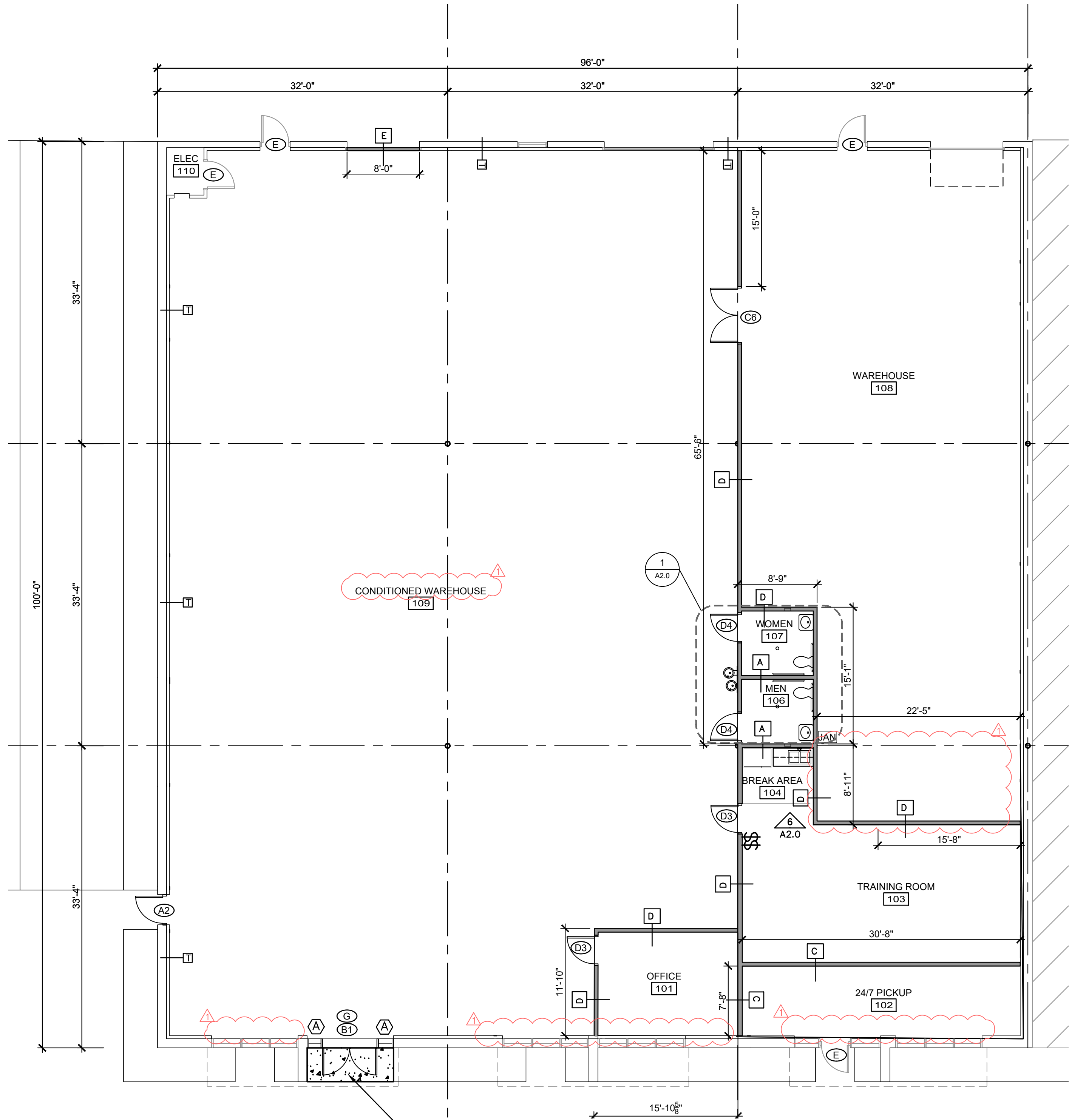
If this file has been transmitted electronically, the  
original is in the office of L. M. Holder III, F.A.I.A.  
The electronic document was released by L. M.  
Holder III, F.A.I.A. for a specific use. No other use or  
modification may be made of this file without the  
written consent of L. M. Holder III, F.A.I.A.

JOB NO. 3663

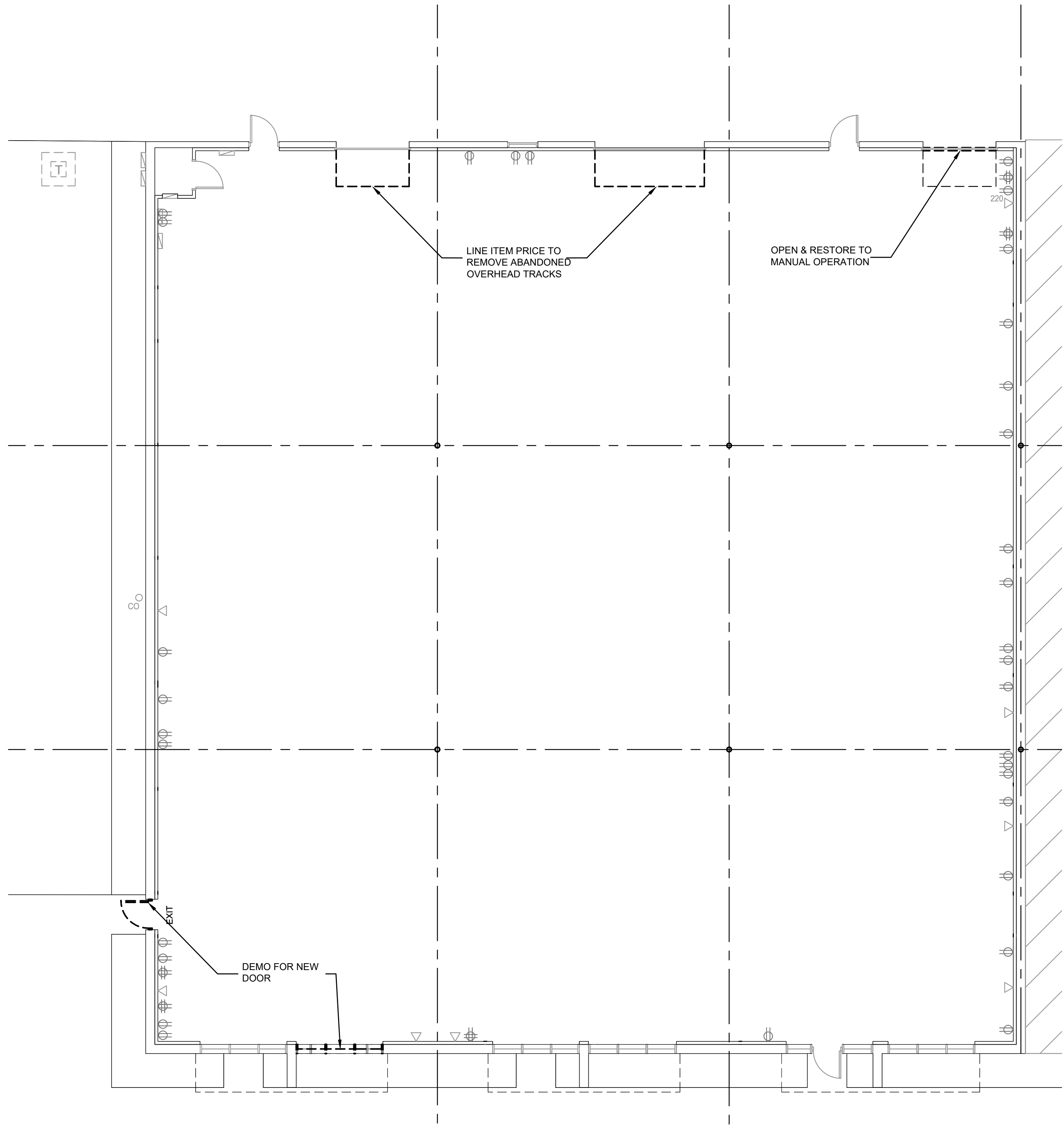
CODE

SHEET

A0.2



2 PROPOSED FLOOR PLAN  
1/8" = 1'-0"



1 DEMO PLAN  
1/8" = 1'-0"

GENERAL SYMBOL / LEGEND



WALL TYPE TAG,  
SEE DETAIL A2.2

EXISTING WALL TO REMAIN

ITEMS TO BE REMOVED

OPEN OFFICE  
225  
F1,B1,PT1

ROOM NAME / ROOM NUMBER

NO WORK OR N.I.C. AREAS

ELEVATION KEY  
18/A4.1

SECTION KEY



WINDOW IDEN, TAG,  
SEE SCHEDULE A2.2

NORTH ARROW

DOOR & HARDWARE IDEN, TAG,  
SEE SCHEDULE A2.2

DETAIL KEY

NOTES:  
\* WINDOWS OR DOORS WITH NO TAG TO  
BE EXISTING TO REMAIN.

REVISIONS  
VE 2/24/2022

DATE: 01/20/2022

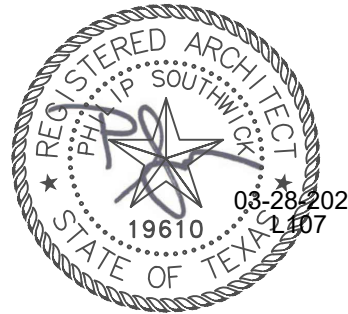
DRAWN: VP

CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL  
DRAWINGS, AND SPECIFICATIONS PREPARED BY THE  
ARCHITECT SHALL REMAIN THE PROPERTY OF THE  
ARCHITECT AND MAY NOT BE USED FOR ANY PURPOSES  
NOT SPECIFICALLY AGREED TO IN WRITING BY THE  
ARCHITECT. ALL REPRODUCTIONS OF THE  
INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER  
MAY BE USED BY THE OWNER FOR ANY PURPOSES  
RELATED TO THE SUBJECT PROPERTY, IN THE EVENT  
THAT ANY CHANGES ARE MADE IN THE PLANS AND/OR  
SPECIFICATIONS BY THE OWNER OR PERSONS OTHER  
THAN THE ARCHITECT, ANY AND ALL LIABILITY ARISING  
OUT OF SUCH CHANGES SHALL BE THE FULL  
RESPONSIBILITY OF THE OWNER. THE ECD OWNER HAS  
GIVEN ARCHITECT PRIOR NOTICE AND HAS RESERVED  
ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.HOLDER3.COM  
4202 SPICEWOOD SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758



If this file has been transmitted electronically, the  
original is in the office of L. M. Holder III, F.A.I.A.  
The electronic document was released by L. M.  
Holder III, F.A.I.A. for a specific use. No other use or  
modification may be made of this file without the  
written consent of L. M. Holder III, F.A.I.A.

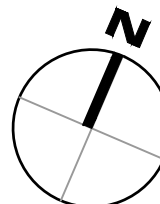
JOB NO. 3663

FLOOR PLAN  
& DEMO PLAN

SHEET

A1.0

issue for permit

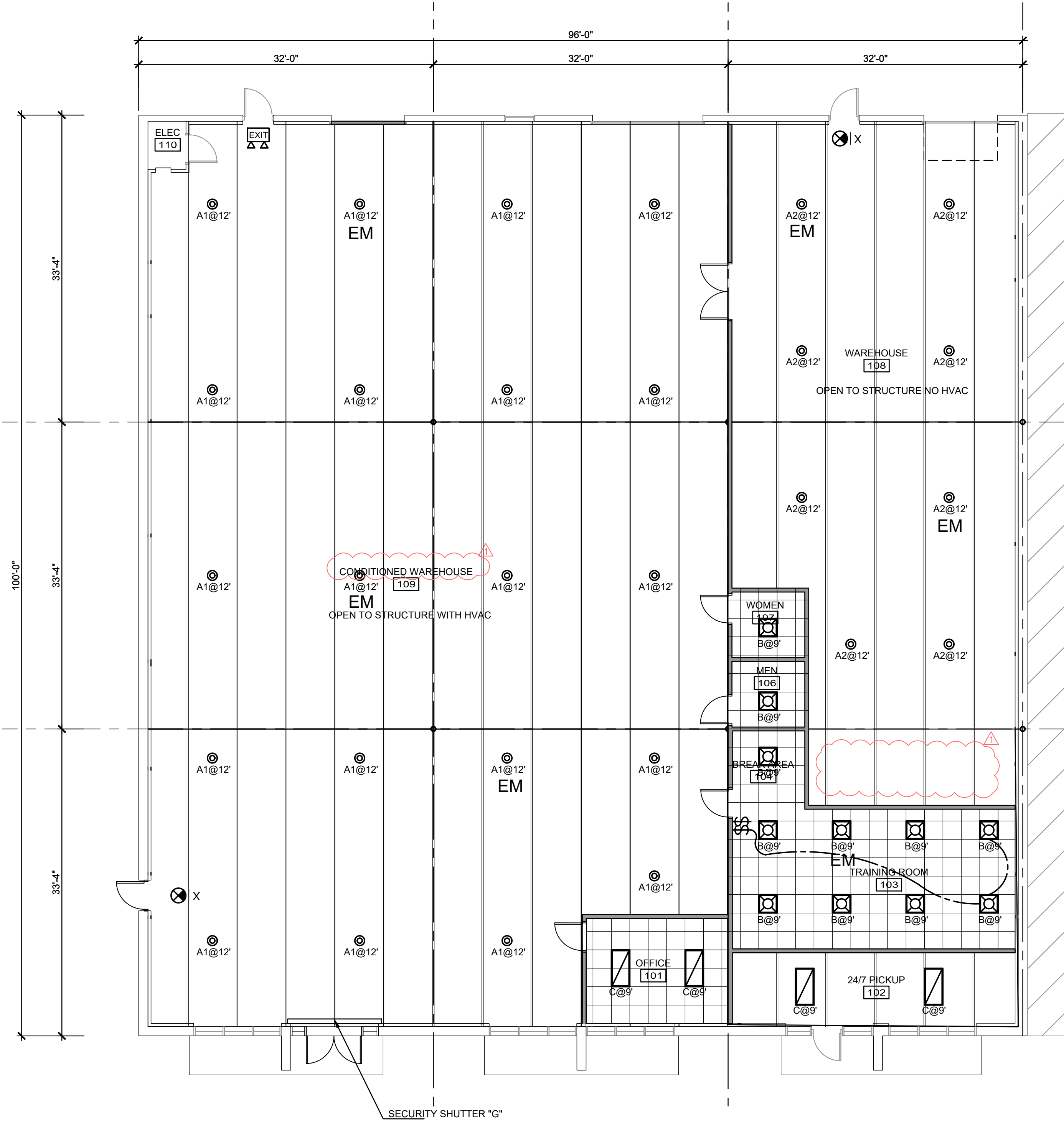


ELECTRICAL FIXTURES

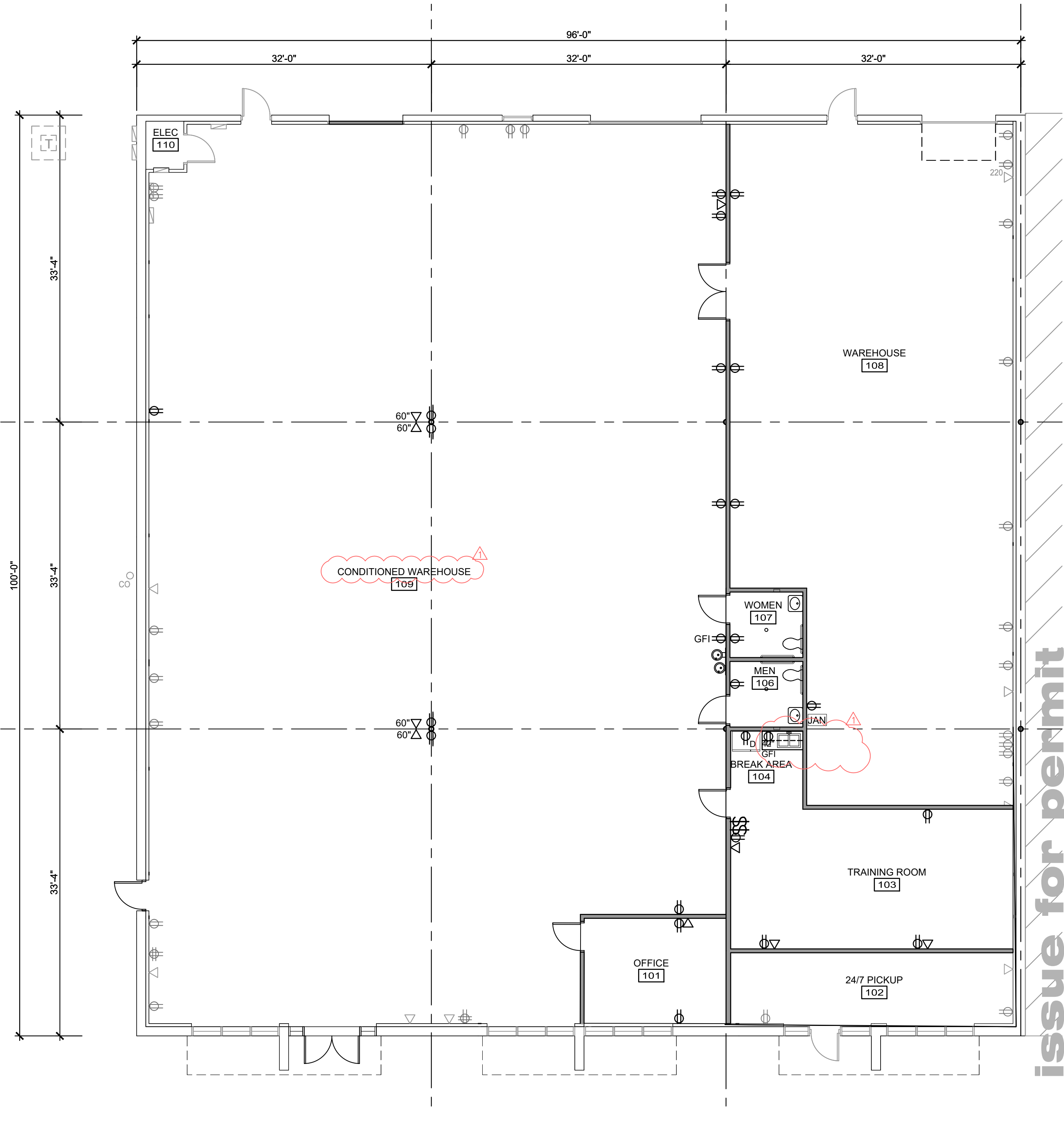
- ⊖ EXISTING/NEW DUPLEX OUTLET
- ⊖ EXISTING/NEW GFCI DUPLEX OUTLET
- NEW WATER SUPPLY LINE
- D NEW WEATHER PROTECTED DUPLEX OUTLET
- Ⓢ EXISTING OVERHEAD DOOR SENSOR
- ▷ RING AND STRING FOR TELECOM BY OTHERS

LIGHTING FIXTURE LEGEND							
SYMBOL	LABEL	QUANTITY	FIXTURE	MANUFACTURER	TYPE	WATTS	NOTES
⊙	A1	20	COMPACT PRO HIGHBAY, 12000 LUMENS, STANDARD EFFICIENCY GLARE CONTROL LENS, WIDE DISTRIBUTION, 40K, 80CRI	LITHONIA	40K	78.95	@12'-0" A.F.F. truss/roof mounted PROVIDE EMERGENCY PACK where indicated
⊙	A2	8	COMPACT PRO HIGHBAY, 9000 LUMENS, STANDARD EFFICIENCY GLARE CONTROL LENS, WIDE DISTRIBUTION, 40K, 80CRI	LITHONIA	40K	60.92	@12'-0" A.F.F. PROVIDE EMERGENCY PACK where indicated
⊠	B	12	EPANL 2X2, 4800 NOMINAL LUMENS, 80 CRI, 3500K CCT	LITHONIA	3500K	35.69	@9'-0" A.F.F.
⊠	C	5	EPANL 2X4, 4800 NOMINAL LUMENS, 80 CRI, 3500K CCT	LITHONIA	LED 3500K	45.17	@9'-0" A.F.F. on chains where no cing
EXIT			EXISTING EXIT EMERGENCY SIGN AND LIGHT	LITHONIA	LED 3500K	29.85	
EM			BATTERY BACKUP				
⊗ X			EMERGENCY EXIT SIGN -WHITE				REFER TO GENERAL NOTES

photometrics from Esther Isosaki <isosaki@spectrumitlg.net> 512-367-9100



2 RCP PLAN  
1/8" = 1'-0"



1 ELECTRICAL PLAN  
1/8" = 1'-0"

REVISIONS  
Δ VE 2/24/2022

DATE: 01/20/2022

DRAWN: VP

CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS, AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED FOR ANY PURPOSES NOT SPECIFICALLY AGREED TO IN WRITING BY THE ARCHITECT. ALL REPRODUCTIONS OF THE INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER MAY BE USED BY THE OWNER FOR ANY PURPOSES RELATED TO THE SUBJECT PROPERTY, IN THE EVENT THAT ANY CHANGES ARE MADE IN THE PLANS AND/OR SPECIFICATIONS BY THE OWNER OR PERSONS OTHER THAN THE ARCHITECT, ANY AND ALL LIABILITY ARISING OUT OF SUCH CHANGES SHALL BE THE SOLE RESPONSIBILITY OF THE OWNER. THE ARCHITECT HAS GIVEN ARCHITECT FIRM NOTICE AND HAS RESERVED ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.HOLDER3.COM  
4202 SPICEWOOD SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758



If this file has been transmitted electronically, the original is in the office of L. M. Holder III, F.A.I.A. The electronic document was released by L. M. Holder III, F.A.I.A. for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, F.A.I.A.

JOB NO. 3663

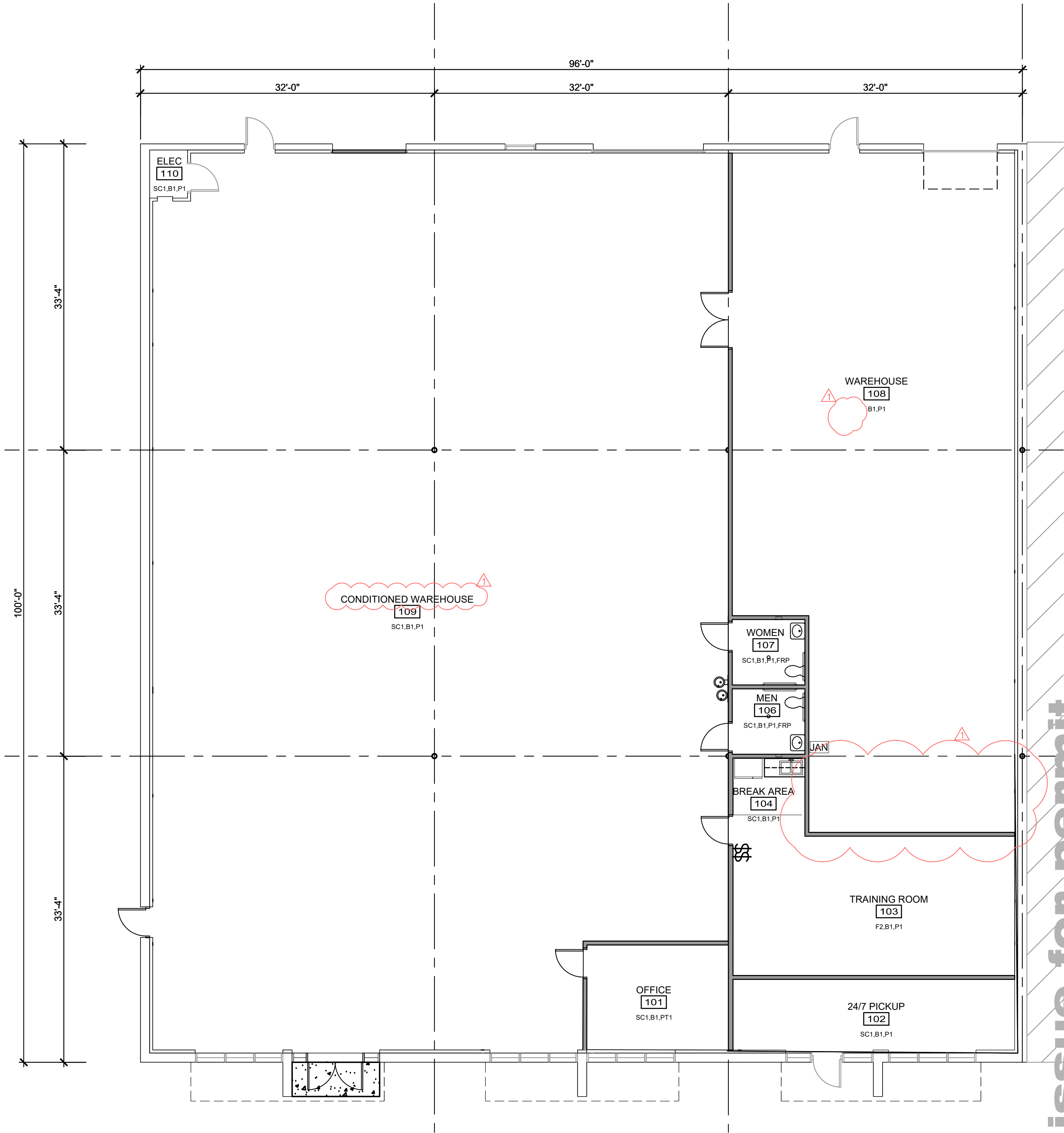
ELECTRICAL &  
RCP PLAN

SHEET  
A1.1

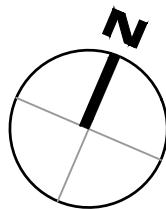


ECD TENANT SCHEME				
MARK	MATERIAL	MANUF./VENDOR	STYLE/COLOR	NOTES
SC1	CONCRETE FLOOR SEALER	H&C	WATERBASED WET LOOK 50.0-48054	INSTALLATION: 2 COATS
F2	CARPET	EF CONTRACT	COMMON THREAD CMT 51 BROADLOOM	
B1	WALL BASE	ROPPE	PINNACLE TS / 178 PEWTER / HEIGHT=4"	CLASS A. COVE PROFILE TYP.
ES-1	ENGINEERED STONE	CAESARSTONE	4130 CLAMSHELL	BREAK COUNTERTOP
PL-1	LAMINATE	FORMICA	STANDARD LAMINATE / NEUTRAL WHITE 918-S8 / MATTE	BREAK CABINETS
P1	PAINT	SHERWIN WILLIAMS	LOW VOC INTERIOR LATEX / SW7015 REPOSE GRAY / EGGSHELL	WALLS
WT-1	TILE	CERAMIC TECHNICS	SASSUOLO URBAN BRICK / BIANCO / STICKS 3"x12"	BREAK COUNTER BACKSPLASH
FRP	FIBERGLASS REINFORCED PLASTIC WALL PANEL	VARIOUS	WHITE, SMOOTH	WALLS (RE-FINISH PLAN)
CT-1	CEILING TILE	ARMSTRONG	ULTIMA 1910 24X24	WHERE INDICATED

RESTROOM ACCESSORIES			
MARK	PRODUCT	MANUF./VENDOR	STYLE/COLOR
M-1	MIRROR	BOBRICK	MODEL: B-165, SIZE AS SHOWN ON ELEVATIONS
T-1	TOILET PAPER DISPENSER	BOBRICK	SURFACE MTD B-3588.
T-2	PAPER TOWEL DISPENSER & WASTE RECEPTACLE	BOBRICK	MODEL: B-3588
GB-1	GRAB BARS, 36"	BOBRICK	MODEL: B-6806.99, BLOCKING RE: TAS SHEET
GB-2	GRAB BARS, 42"	BOBRICK	MODEL: B-6806.99, BLOCKING RE: TAS SHEET



1 FINISH PLAN  
1/8" = 1'-0"



REVISIONS  
Δ VE 2/24/2022

DATE: 01/20/2022

DRAWN: VP

CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS, AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED FOR ANY PURPOSES NOT SPECIFICALLY AGREED TO IN WRITING BY THE ARCHITECT. ALL REPRODUCTION OF THE INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER MAY BE USED BY THE OWNER FOR ANY PURPOSES RELATED TO THE SUBJECT PROPERTY, IN THE EVENT THAT ANY CHANGES ARE MADE IN THE PLANS AND/OR SPECIFICATIONS BY THE OWNER OR PERSONS OTHER THAN THE ARCHITECT, ANY AND ALL LIABILITY ARISING OUT OF SUCH CHANGES SHALL BE THE FULL RESPONSIBILITY OF THE OWNER. THE ECD OWNER HAS GIVEN ARCHITECT PRIOR NOTICE AND HAS RESERVED ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.HOLDER3.COM  
4202 SPICEWOOD SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758

REGISTERED ARCHITECT  
L.M. HOLDER III  
19610  
STATE OF TEXAS  
05-28-2022  
1-107

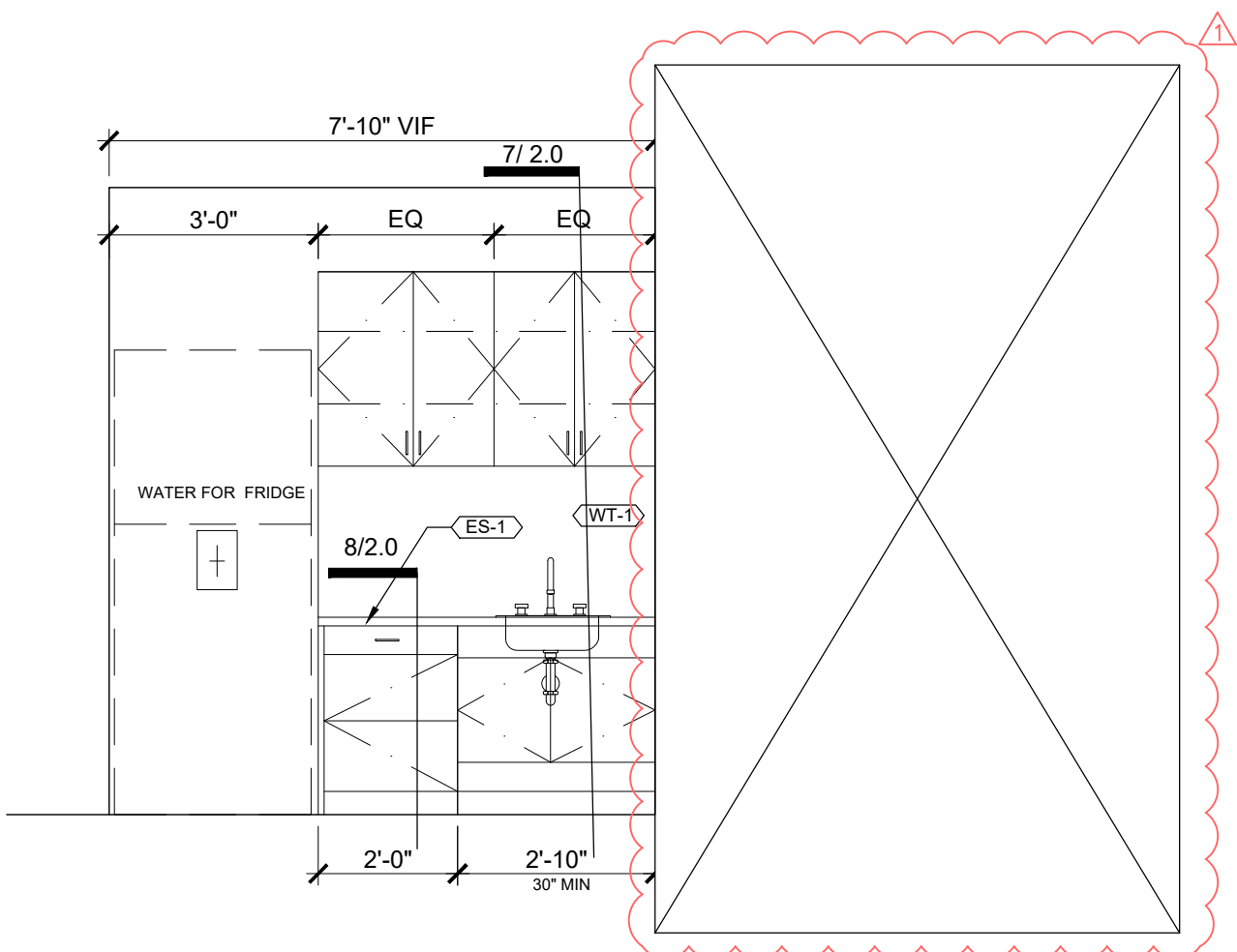
If this file has been transmitted electronically, the original is in the office of L. M. Holder III, F.A.I.A. The electronic document was released by L. M. Holder III, F.A.I.A. for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, F.A.I.A.

JOB NO. 3663

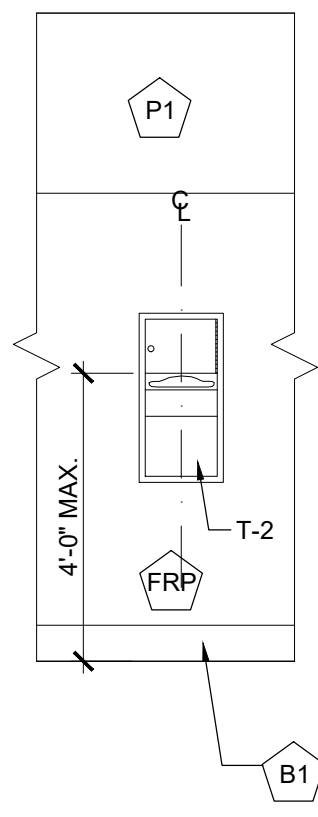
FINISH PLAN

SHEET  
A1.2

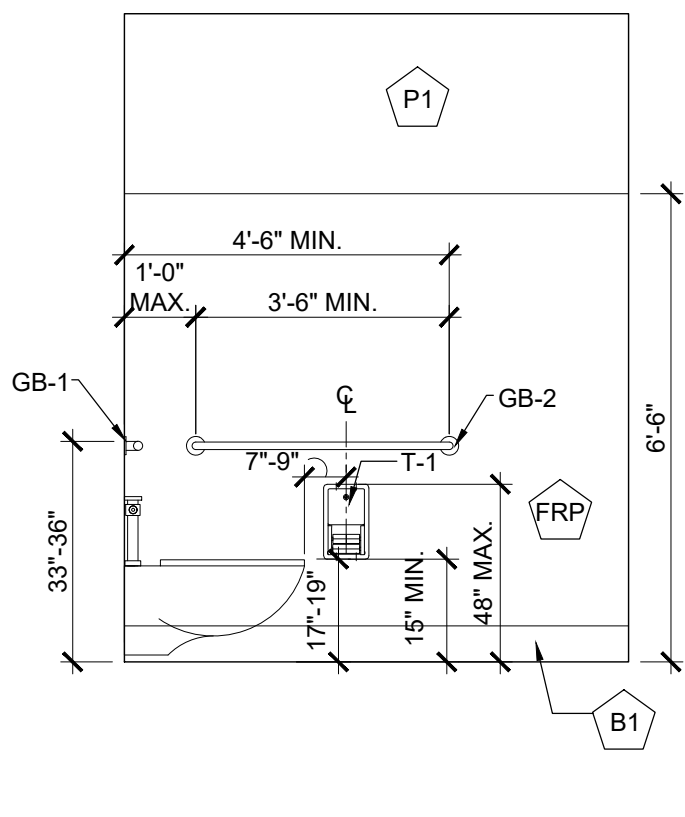




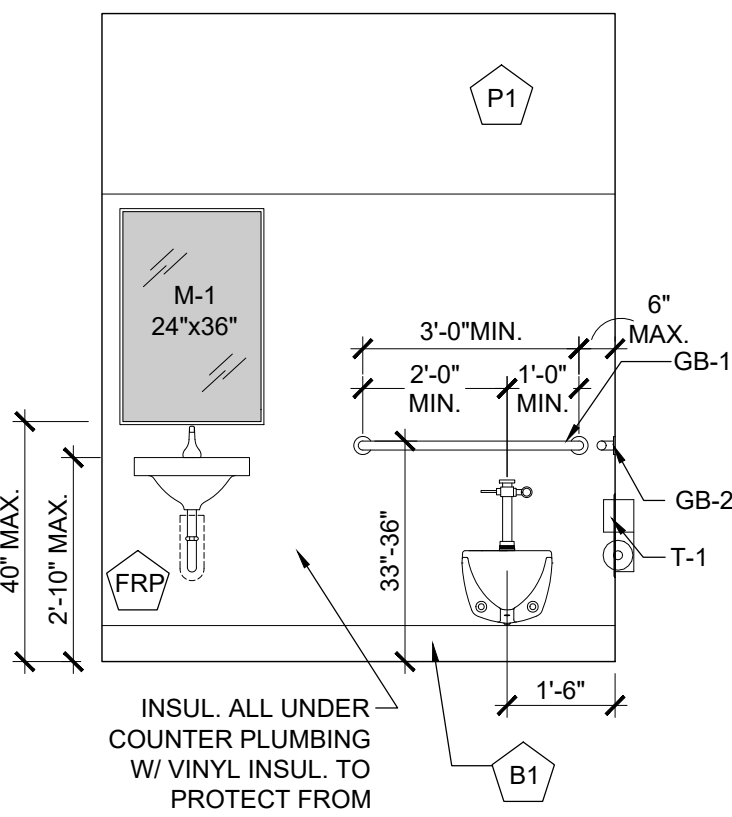
6 ELEVATION BREAK AREA  
3/8" = 1'-0"



5 ELEVATION  
3/8" = 1'-0"



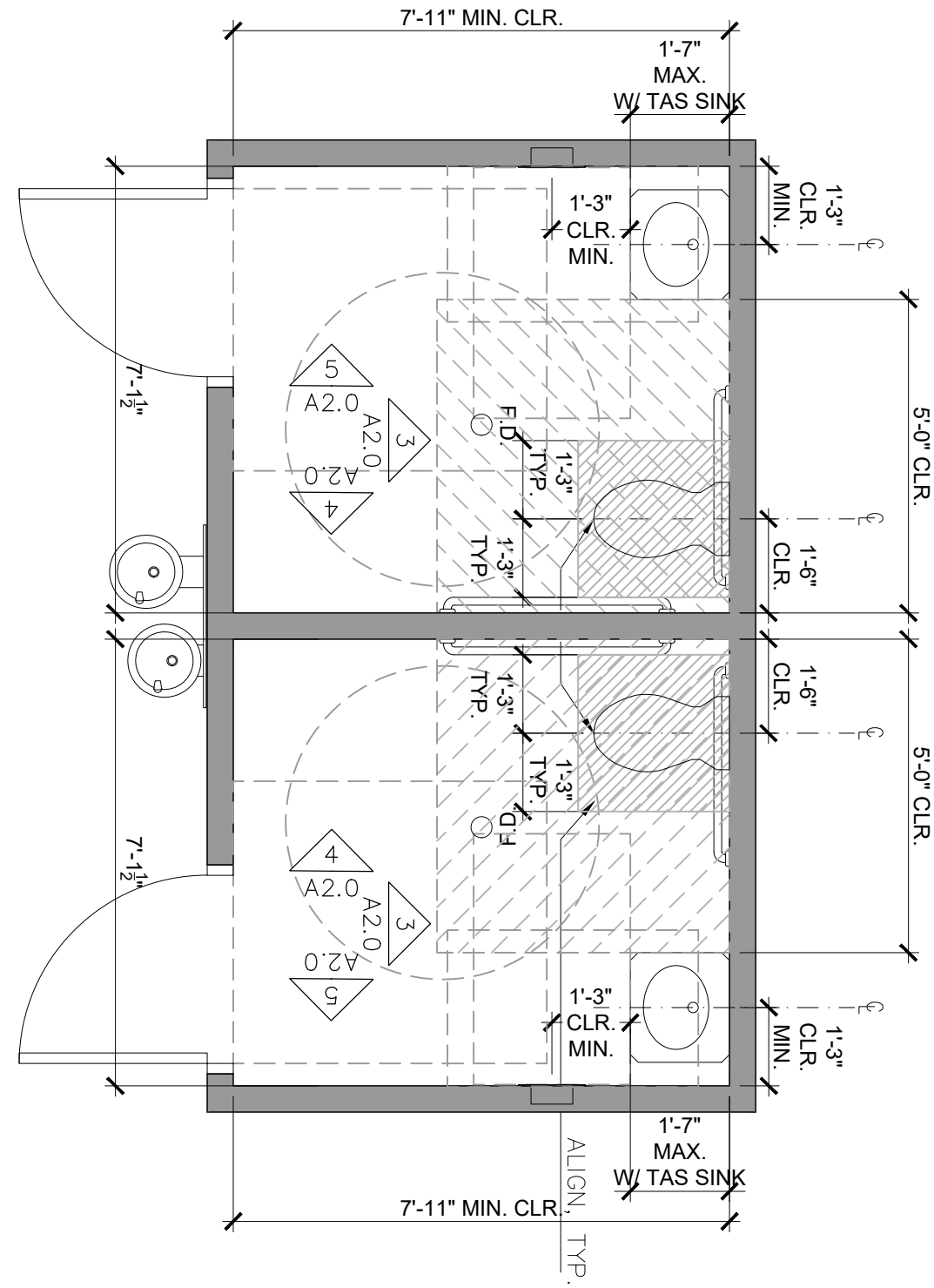
4 ELEVATION  
3/8" = 1'-0"



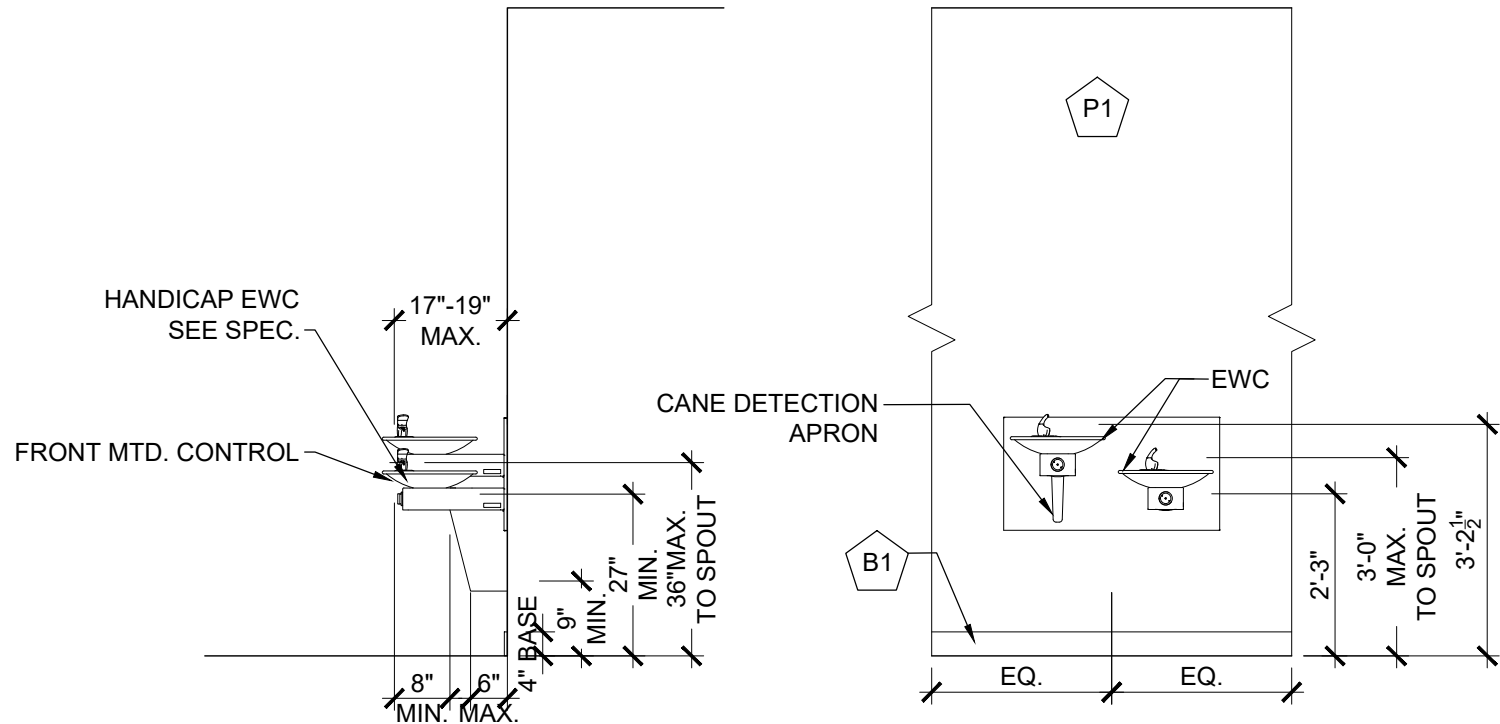
3 ELEVATION  
3/8" = 1'-0"



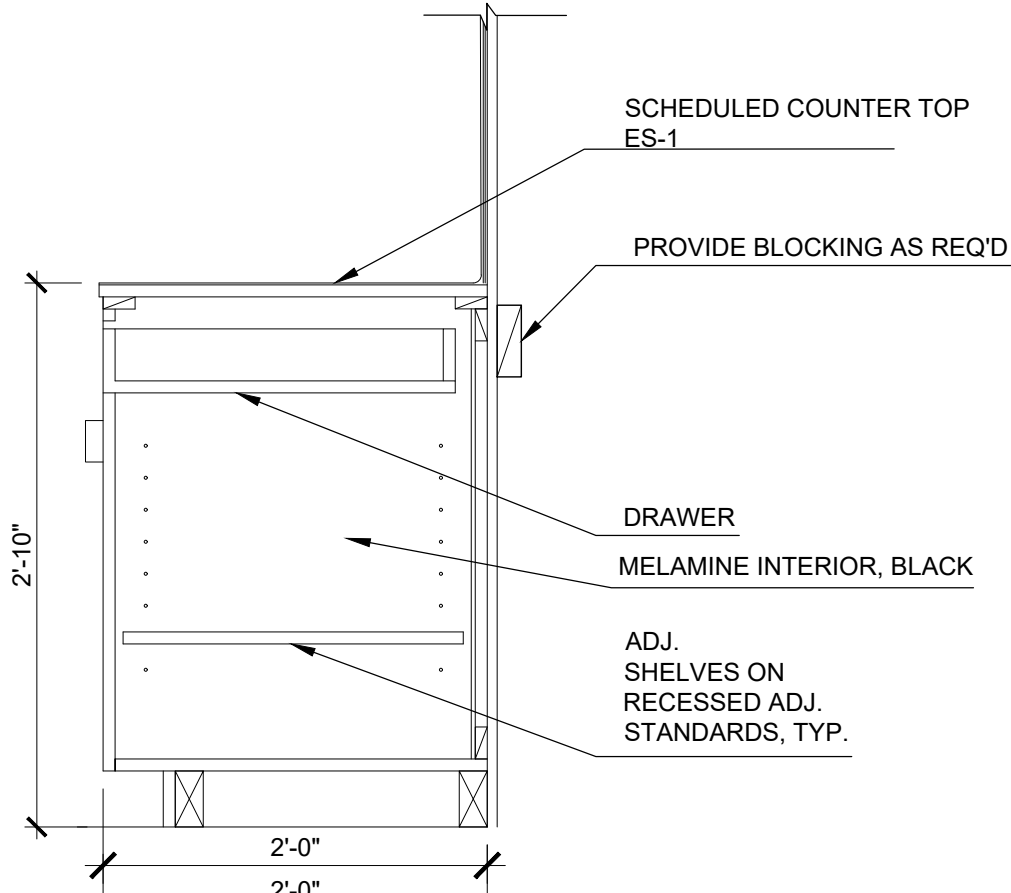
2 NOT USED  
3/8" = 1'-0"



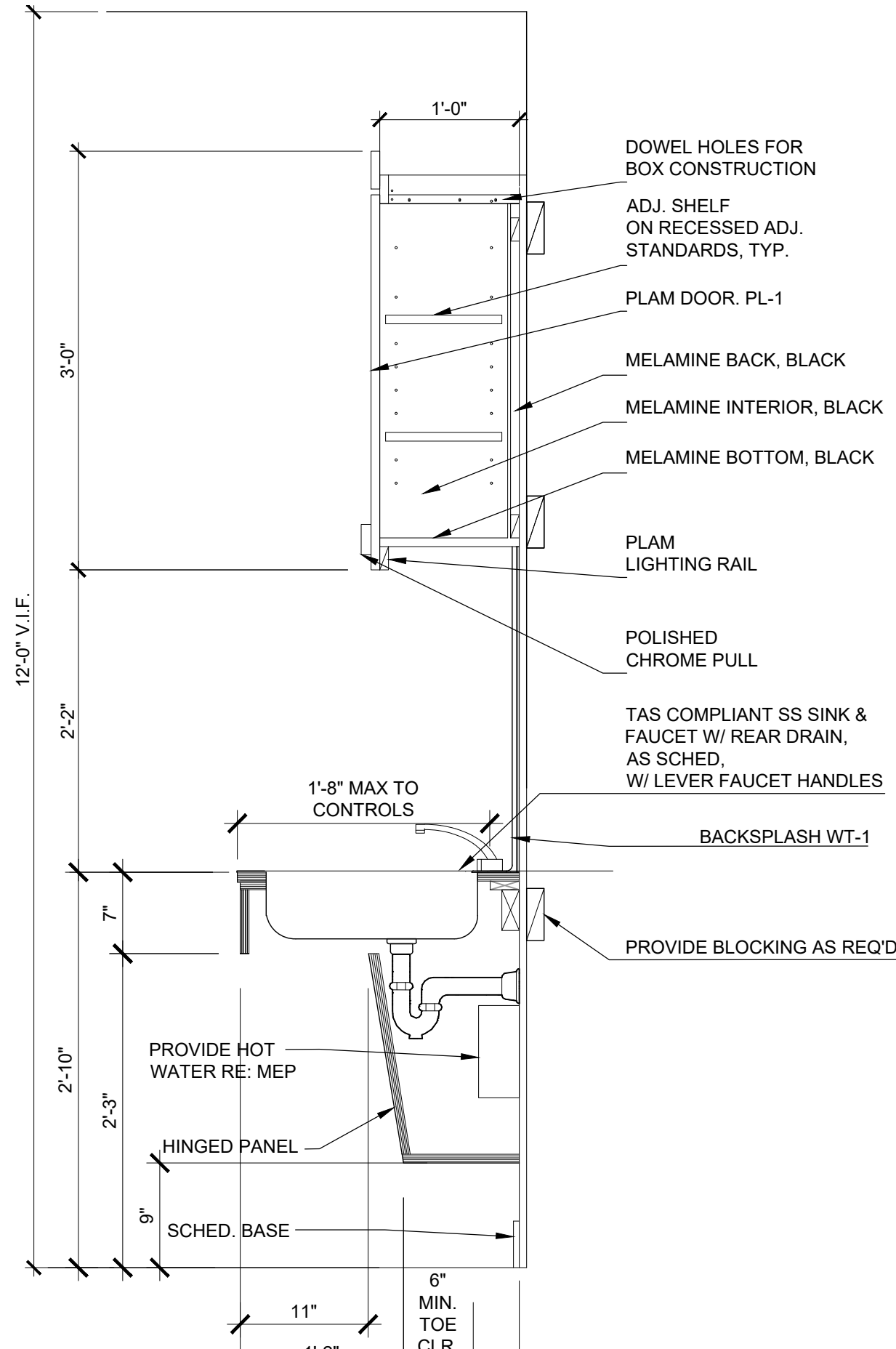
1 ENLARGE RR PLAN  
3/8" = 1'-0"



9 ELEC. WATER COOLER  
1" = 1'-0"



8 CABINET DETAIL  
1" = 1'-0"



7 SINK DETAIL-BREAK  
1" = 1'-0"

REVISIONS  
VE 2/24/2022

DATE: 01/20/2022

DRAWN: VP

CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS, AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE REPRODUCED FOR ANY PURPOSES WITHOUT SPECIFICALLY AGREED TO IN WRITING BY THE ARCHITECT. ALL REPRODUCTIONS OF THE INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER MAY BE USED BY THE OWNER FOR ANY PURPOSES, BUT ANY CHANGES ARE MADE IN THE PLANS AND/OR SPECIFICATIONS BY THE OWNER OR PERSONS OTHER THAN THE ARCHITECT, ANY AND ALL LIABILITY ARISING OUT OF SUCH CHANGES SHALL BE THE FULL RESPONSIBILITY OF THE OWNER. THE ARCHITECT HAS GIVEN ARCHITECT PRIOR NOTICE AND HAS RECEIVED ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.HOLDER3.COM  
4202 SPIECWOOD SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758

issue for permit

REGISTERED ARCHITECT  
L.M. HOLDER III  
19610  
STATE OF TEXAS

If this file has been transmitted electronically, the original is in the office of L. M. Holder III, F.A.I.A. The electronic document was released by L. M. Holder III, F.A.I.A. for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, F.A.I.A.

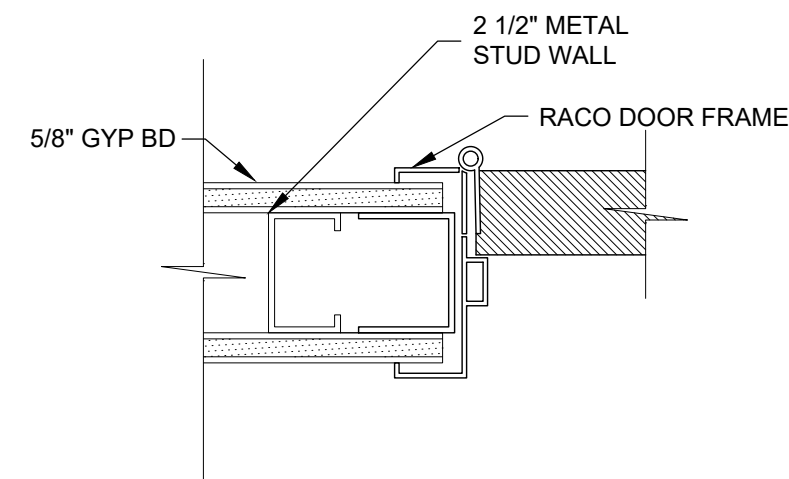
JOB NO. 3663

ELEVATIONS,  
SECTIONS

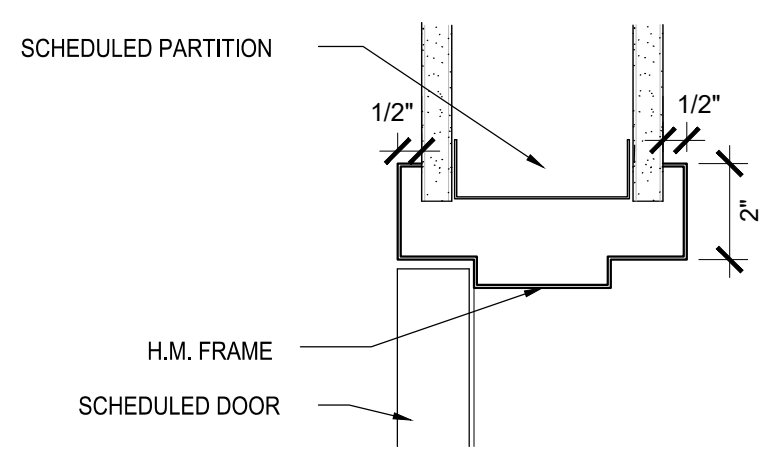
SHEET  
A2.0



5 DOOR HEAD DETAIL  
3" = 1'-0"



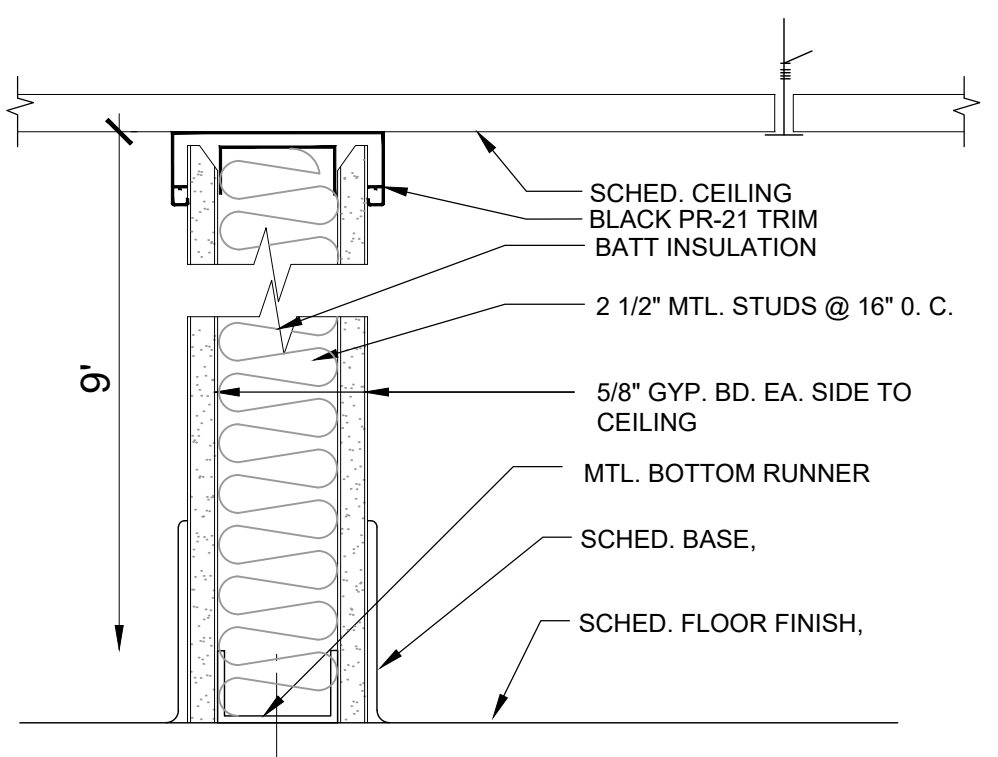
4 DOOR DETAIL  
3" = 1'-0"



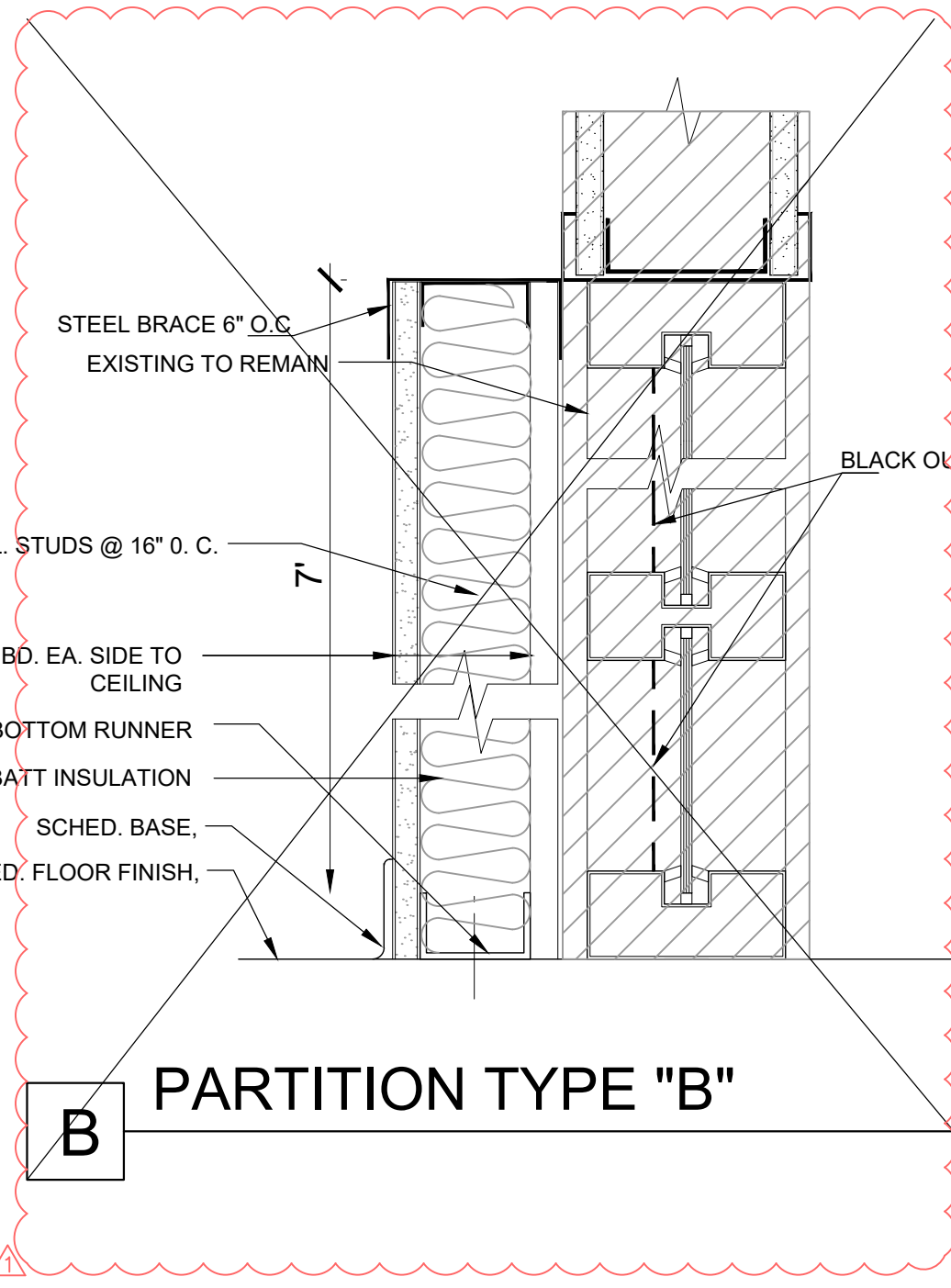
3 DOOR HEAD DETAIL  
3" = 1'-0"

AT SHOWROOM ONLY, INSTALL THE TOP 24" +/- OF GYP ONTO THE EXISTING PERIMETER STUDS WHERE GYP IS INCOMPLETE

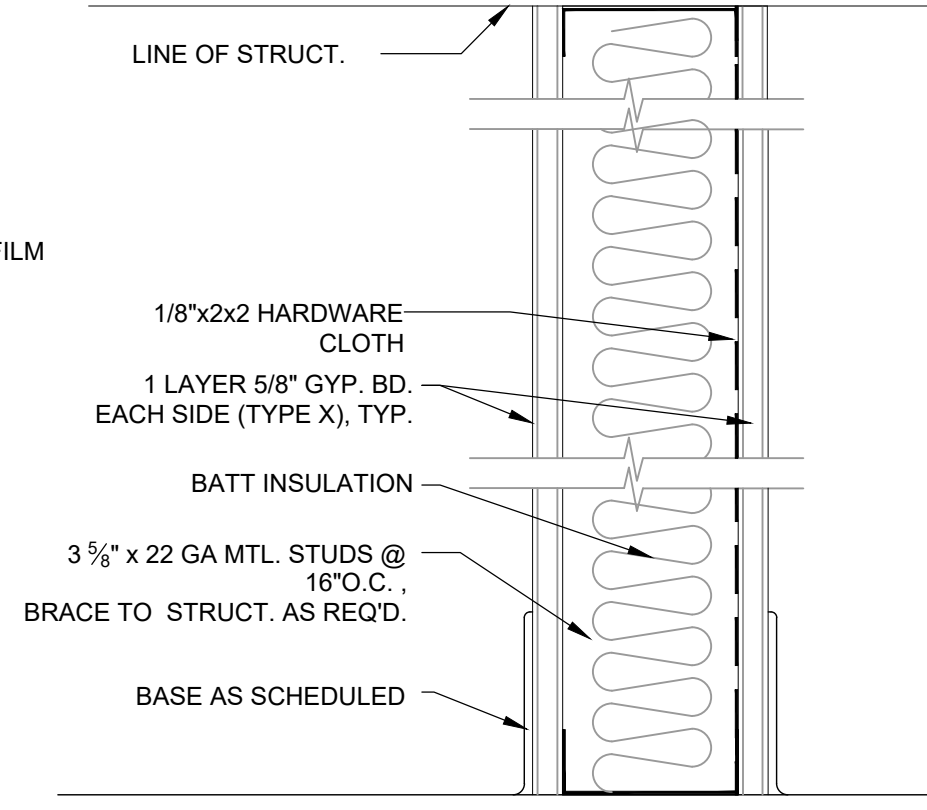
T PARTITION TYPE "T"



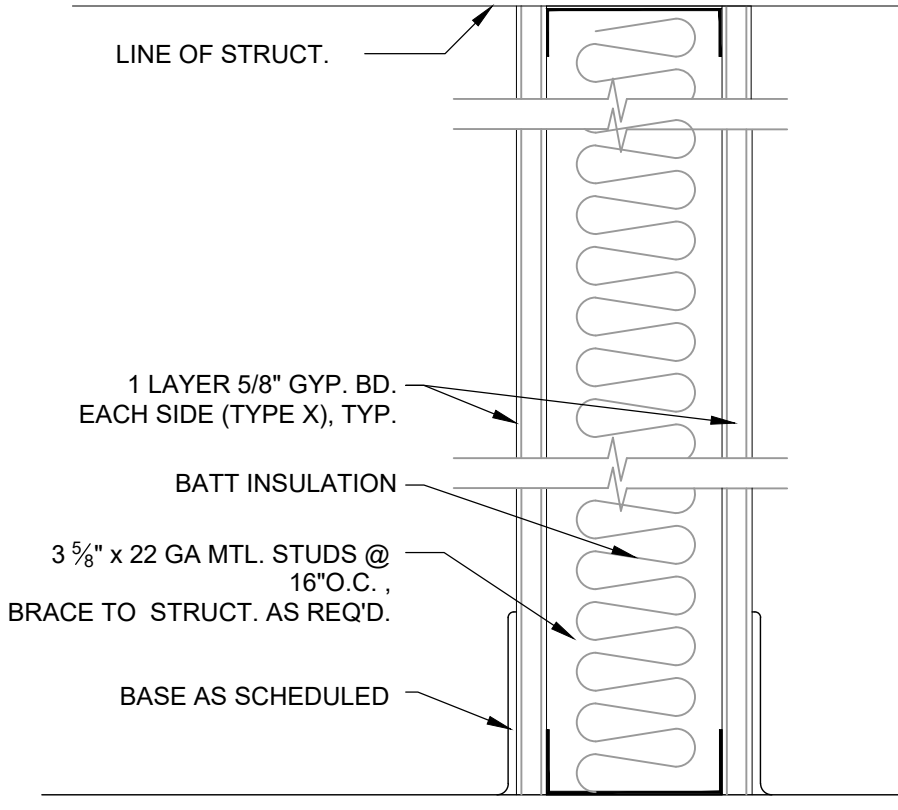
A PARTITION TYPE "A"



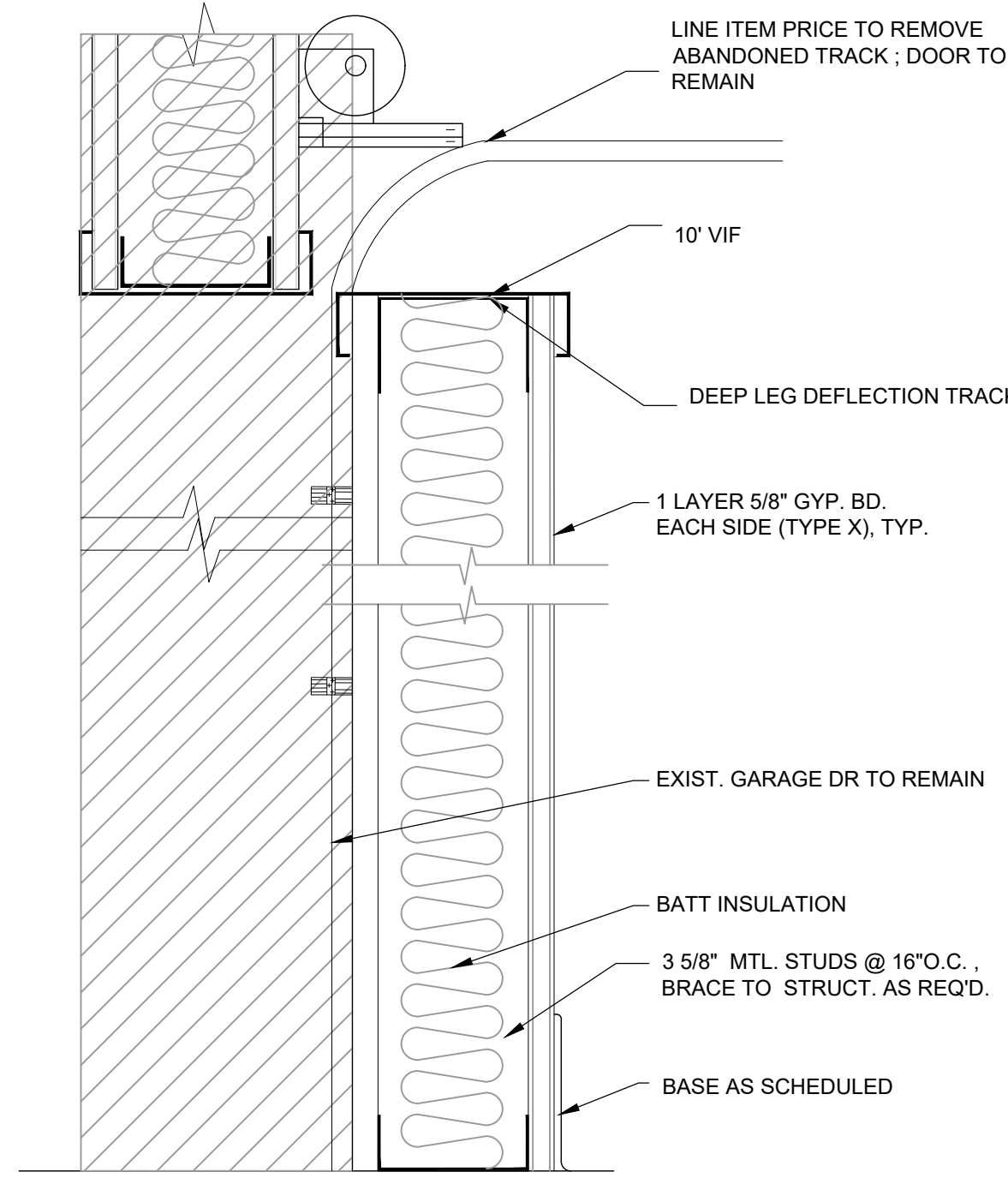
B PARTITION TYPE "B"



C PARTITION TYPE "C"



D PARTITION TYPE "D"



E PARTITION TYPE "E"

1 PARTITION TYPES  
3" = 1'-0"

HARDWARE SCHEDULE			
<b>NOTES:</b> 1. GC SHALL CONTACT OWNER'S SECURITY VENDOR PRIOR TO ORDERING, TYP. 2. HARDWARE TO BE MOUNTED AT 38" A.F.F. UNDERCUT DOORS 3/8"-1/2" A.F.F. 3. ALL DOORS TO HAVE TAS COMPLIANT HARDWARE. CLOSERS MAX 5 LBS OPENING FORCE. 4. REFER FLOOR PLAN FOR DOOR SWING.			
<b>HARDWARE TYPE '1'</b> ARCH'L PULL DEADBOLT CLOSER, COORDINATOR T+B FLUSH BOLTS THRESHOLD WEATHERSTRIP, DRIP FLASH	<b>HARDWARE TYPE '2'</b> CLOSER BLANK PLATE OUTSIDE LATCH GUARD PANIC THRESHOLD WEATHERSTRIP, DRIP FLASH	<b>HARDWARE TYPE '3'</b> ENTRY LOCKSET, FLOOR STOP  <b>HARDWARE TYPE '4'</b> PRIVACY LOCKSET, PUSH/PULL, KICKPLATE	<b>HARDWARE TYPE '5'</b> STORAGE LOCKSET,   <b>HARDWARE TYPE '6'</b> T&B FLUSH BOLTS CLOSER

DOOR & WINDOW SCHEDULE					
<b>DOOR AND FRAME "A"</b> BUILDING STANDARD HM DOOR PTD HM FRAME	<b>WINDOW AND DOOR(B) FRAME</b> BUILDING STANDARD STOREFRONT DOOR BLDG STANDARD DK BRONZE STOREFRONT FRAME BLDG STANDARD TINTED GLASS (PROP MGR TO APPROVE)	<b>DOOR AND FRAME "C"</b> BUILDING STANDARD SC WD DOOR RACO ALUM FRAME	<b>DOOR AND FRAME "D"</b> BUILDING STANDARD SC WD DOOR RACO ALUM FRAME	<b>DOOR AND FRAME "E"</b> EXISTING DOOR/FRAME AND FINISHES TO REMAIN	<b>SECURITY SHUTTER "G"</b> JANUS 1000 GARAGE DOOR MANUAL CHAIN

2 DOOR & WINDOW SCHEDULE  
3/8" = 1'-0"

REVISIONS  
VE 2/24/2022

DATE: 01/20/2022

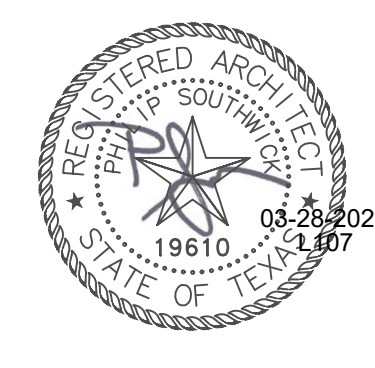
DRAWN: VP

CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS, AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE REPRODUCED FOR ANY PURPOSES WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER MAY BE USED BY THE OWNER FOR ANY PURPOSES RELATED TO THE PROJECT, BUT NOT FOR OTHER PROJECTS. ANY CHANGES MADE IN THE PLANS AND/OR SPECIFICATIONS BY THE OWNER OR PERSONS OTHER THAN THE ARCHITECT, ANY AND ALL LIABILITY ARISING OUT OF SUCH CHANGES SHALL BE THE FULL RESPONSIBILITY OF THE OWNER. THE ARCHITECT HAS GIVEN ARCHITECT PRIOR NOTICE AND HAS RESERVED ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.HOLDER3.COM  
4202 SPICEWOOD SPRINGS RD, SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758



If this file has been transmitted electronically, the original is in the office of L. M. Holder III, F.A.I.A. The electronic document was released by L. M. Holder III, F.A.I.A. for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, F.A.I.A.

JOB NO. 3663

DETAILS,  
SCHEDULES

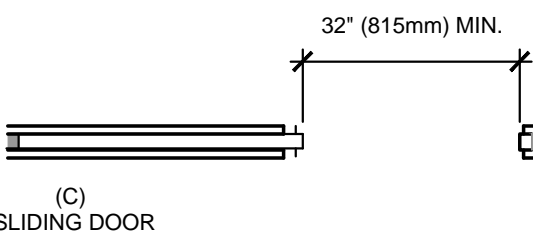
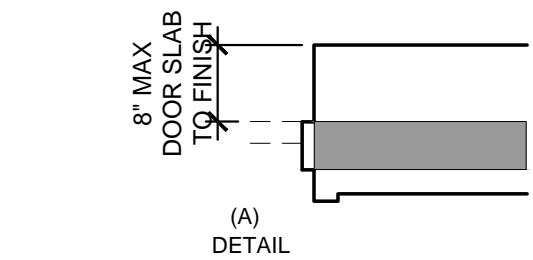
SHEET

A2.1

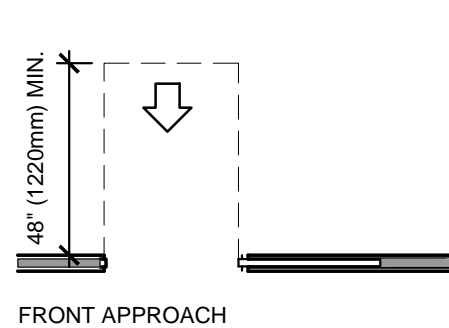
issue for permit



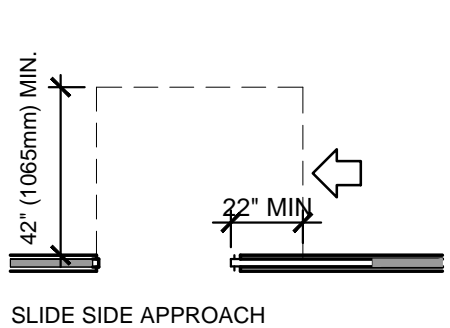
- DOORS AND ENTRANCES:
1. ACCESSIBLE ENTRANCES TO AND EXITS FROM A BUILDING MUST BE PROVIDED
  2. MANEUVERING CLEARANCES AT DOORS SHALL BE LEVEL (1:50 MAXIMUM SLOPE) AND CLEAR IF DOORS ARE NOT AUTOMATIC OR POWER ASSISTED
  3. GATES MUST MEET ACCESSIBLE REQUIREMENTS FOR DOORS.
  4. PROVIDE ACCESSIBLE DOORS OR GATES ADJACENT TO REVOLVING DOORS AND TURNSTILES
  5. DOUBLE-LEAF DOORS SHALL HAVE AT LEAST THE ACTIVE LEAF MEET ALL DOOR REQUIREMENTS.
  6. ALL DOORS IN ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES.



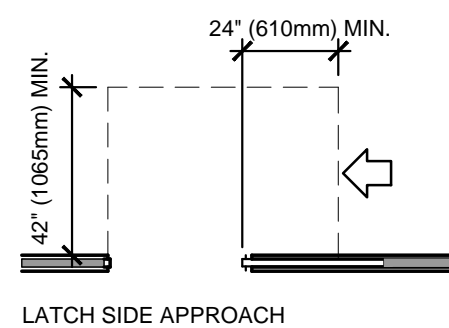
CLEAR DOORWAY WIDTH AND DEPTH



FRONT APPROACH

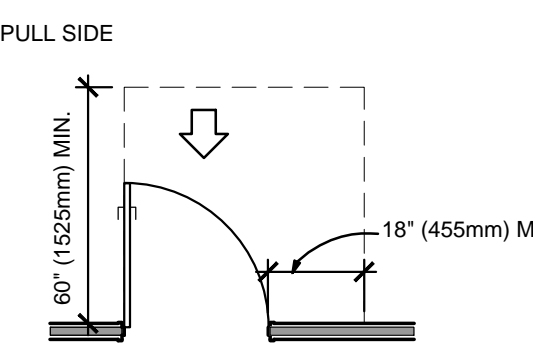


SLIDE SIDE APPROACH

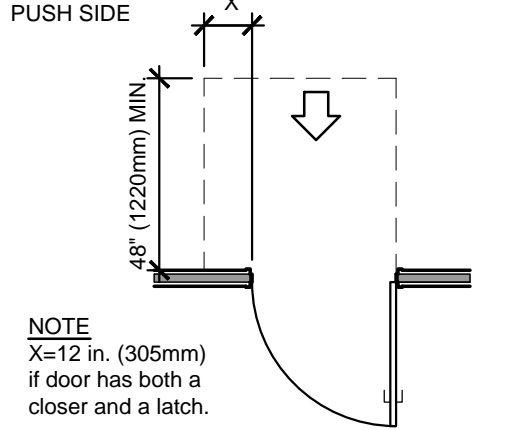


LATCH SIDE APPROACH

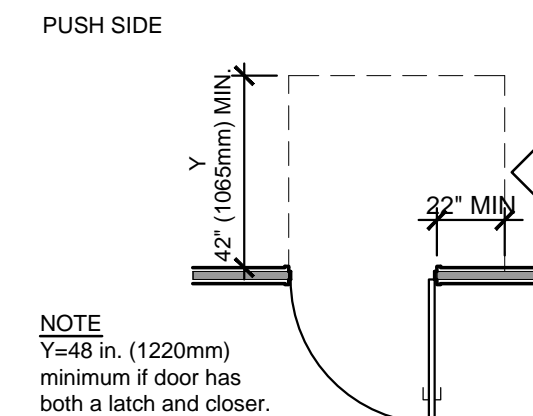
LATCH SIDE APPROACH - SLIDING DOORS AND FOLDING DOORS



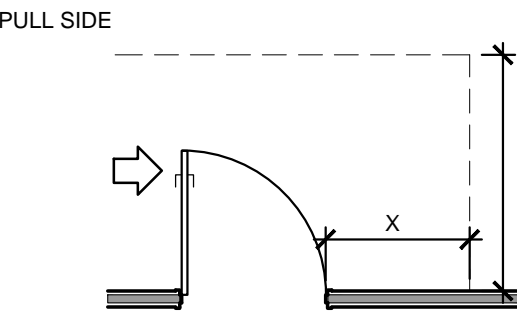
FRONT APPROACHES - SWINGING DOORS



NOTE  
X=12 in. (305mm)  
if door has both a  
closer and a latch.

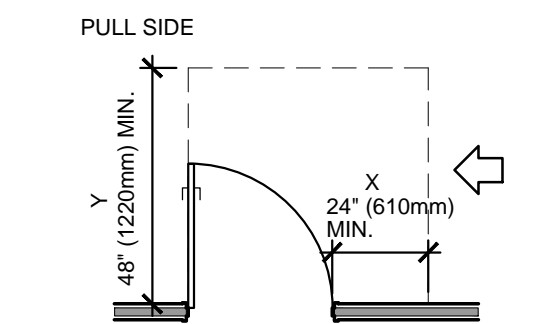


NOTE  
Y=48 in. (1220mm)  
minimum if door has  
both a latch and closer.

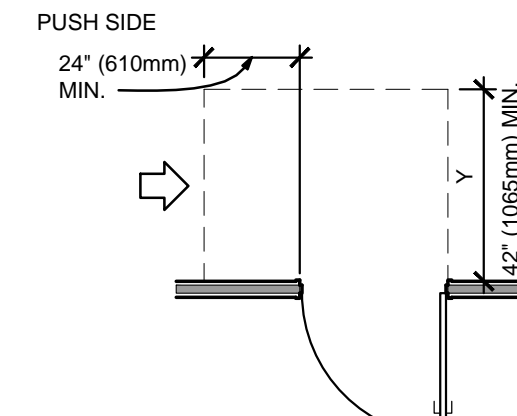


NOTE  
X=36 in. (915mm) if Y=60 in. (1525mm)  
X=42 in. (1065mm) if Y=54 in. (1370mm)

HINGE SIDE APPROACHES - SWINGING DOORS

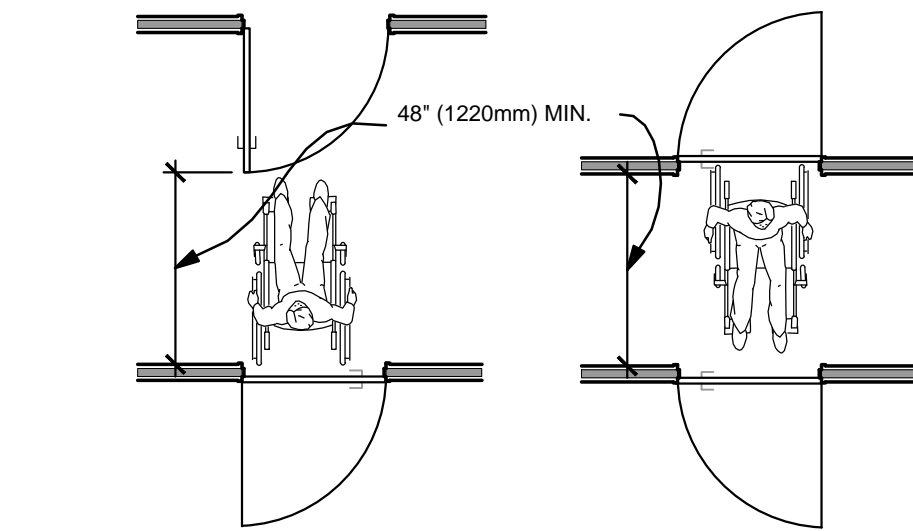


NOTE  
Y=54 in. (1370mm) minimum if door has closer.



NOTE  
Y=48 in. (1220mm) minimum if door has closer.

LATCH SIDE APPROACHES - SWINGING DOORS



TWO HINGED DOORS IN SERIES

TWO HINGED DOORS IN SERIES

404 DOORS, DOORWAYS, AND GATES

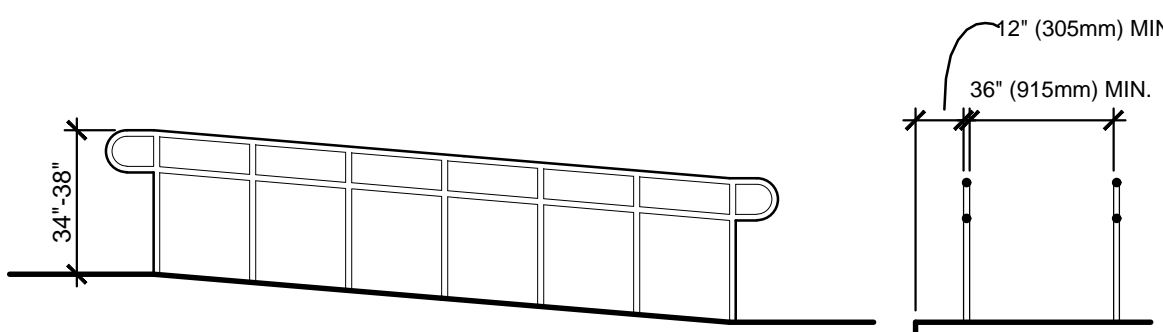
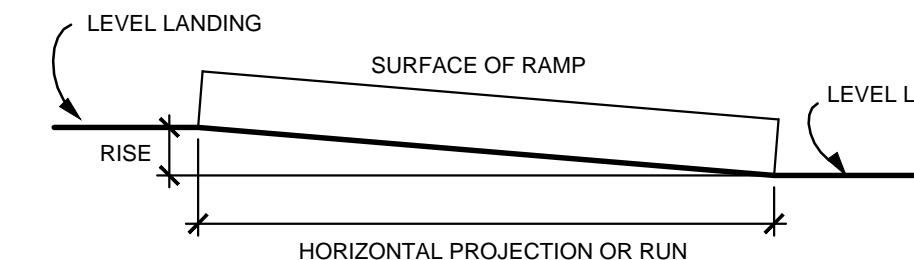
- HARDWARE AND CONTROLS
1. DOOR PASSAGE HARDWARE: SHAPE EASY TO GRASP WITH ONE HAND. DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST.
  2. INTERIOR DOOR OPENING FORCE: NO MORE THAN 5 LBF (22.2 N) UNLESS GREATER REQUIRED FOR FIRE DOORS.
  3. AUTOMATIC AND POWER-ASSISTED DOORS ARE ACCESSIBLE. SEE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR FURTHER REQUIREMENTS.

- RAMPS:
1. PROVIDE AT ACCESSIBLE ROUTE; SLOPES GREATER THAN 1:20 ARE CONSIDERED RAMPS.
  2. SLOPE MAXIMUM 1:12; PROVIDE LEAST SLOPE POSSIBLE; MAXIMUM RISE OF 30 IN. PER RUN.
  3. LANDINGS SHOULD BE LEVEL AT TOP AND BOTTOM OF EACH RAMP RUN AND AT LEAST AS WIDE AS THE RUN LEADING TO IT. A 60 X 60 IN. LANDING IS REQUIRED WHERE RAMP CHANGES DIRECTION. IF THERE IS A DOOR AT THE LANDING, PROVIDE LEVEL MANEUVERING CLEARANCES.
  4. HANDRAILS REQUIRED: WHERE RISE IS GREATER THAN 6 IN. OR RUN IS GREATER THAN 72 IN.; BOTH SIDES; SEE HANDRAIL EXAMPLES AND NOTES.
  5. EDGE PROTECTION REQUIRED AT RAMPS AND LANDINGS WITH DROP-OFFS; SEE EXAMPLES.
  6. DESIGN OUTDOOR RAMPS AND APPROACHES SO THAT WATER WILL NOT ACCUMULATE ON SURFACE; MAXIMUM CROSS SLOPE OF 1:50.

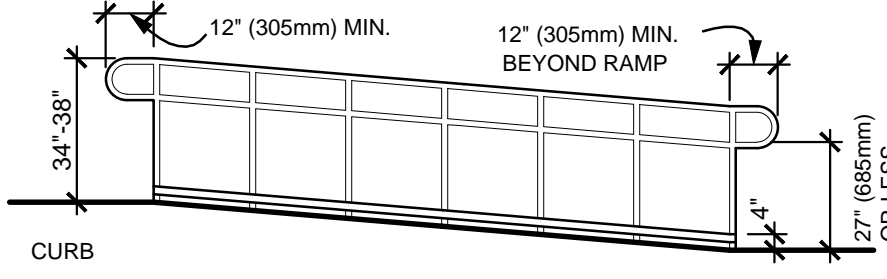
SAMPLE RAMP DIMENSIONS

SLOPE	MAXIMUM RISE	
1:8 TO <1:10	3"	EXIST. BLDGS AND SITES ONLY
1:10 TO <1:12	6"	EXIST. BLDGS AND SITES ONLY
1:12 TO <1:20	30"	

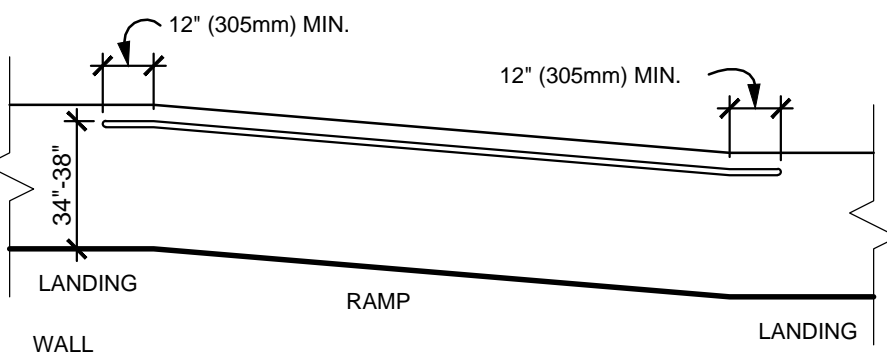
NOTE: SLOPE < 1:20 IS NOT A RAMP SO NO HANDRAILS ARE REQUIRED



RAILING WITH EXTENDED PLATFORM



CURB



LANDING

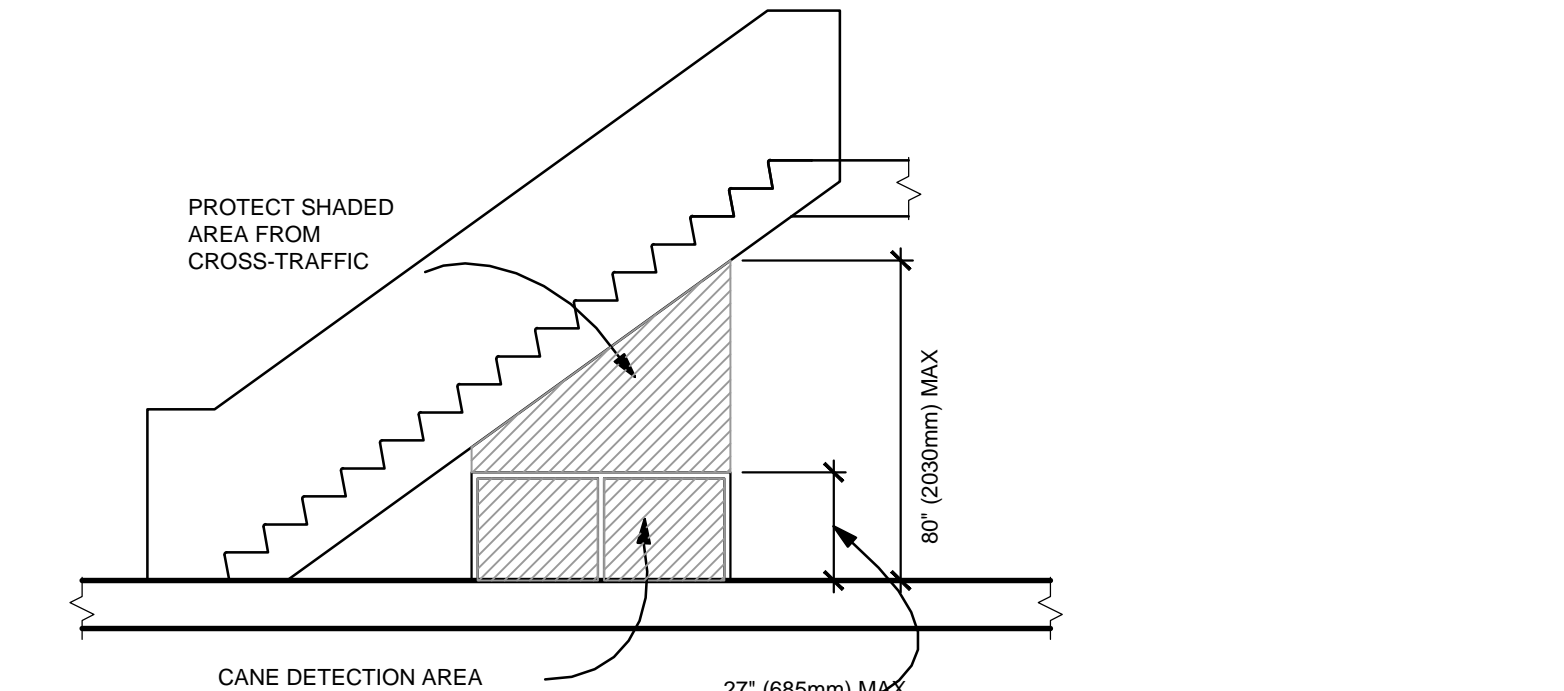
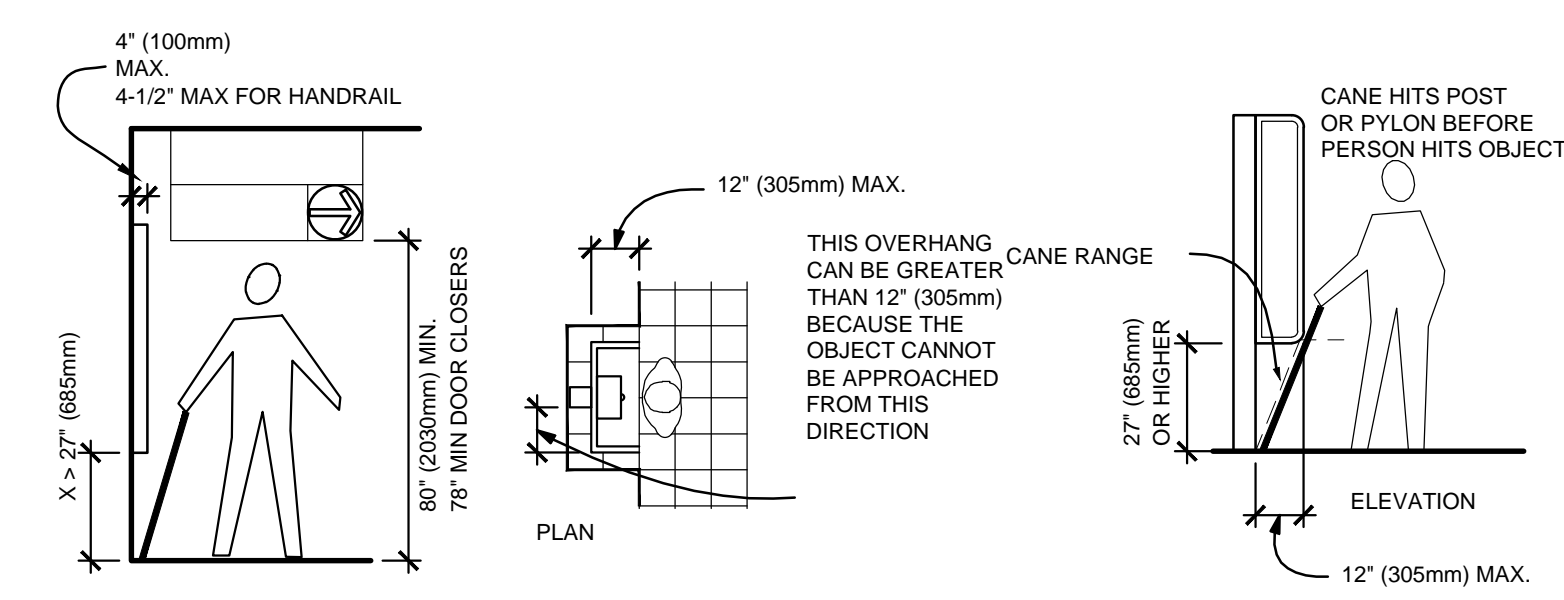


RAMP

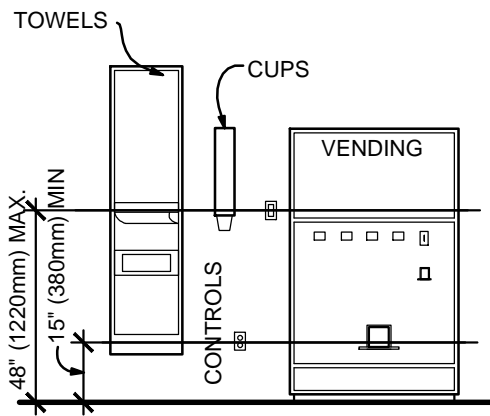


WALL

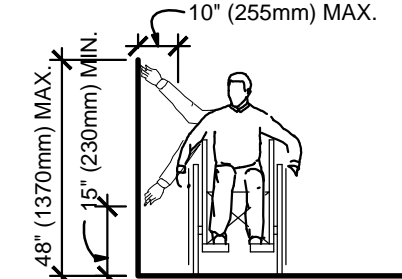
405 RAMPS



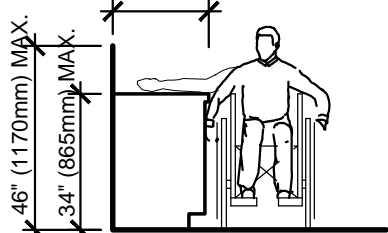
307 PROTRUDING OBJECTS



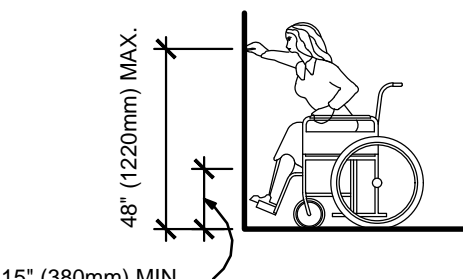
CONTROL REACH LIMITATIONS



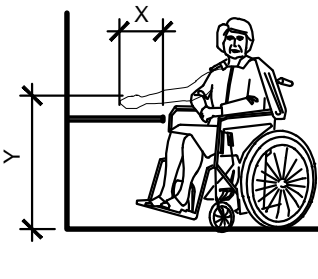
HIGH AND LOW SIDE REACH LIMITS



MAX. SIDE REACH OVER OBSTRUCTION



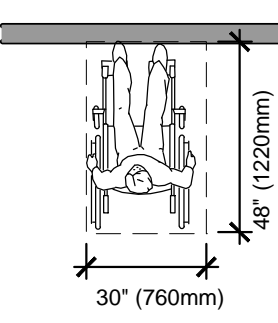
HIGH FORWARD REACH LIMIT



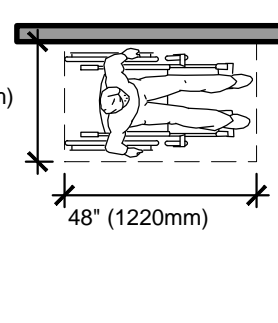
NOTE  
When X < 20 in. (510mm), then Y shall be 48 in. (1220mm) maximum. When X is 20 to 25 in. (510 to 635 mm) then Y shall be 44 in. (1120mm) maximum.

MAXIMUM FORWARD REACH OVER AN OBSTRUCTION

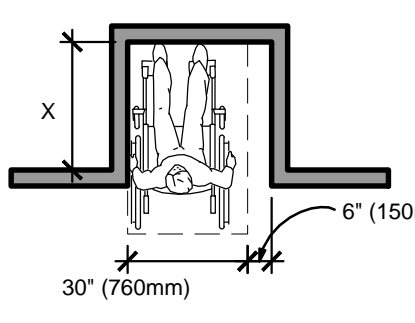
308 REACH RANGE



FORWARD APPROACH

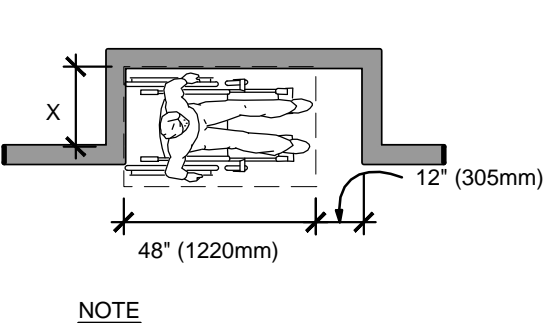


PARALLEL APPROACH



NOTE

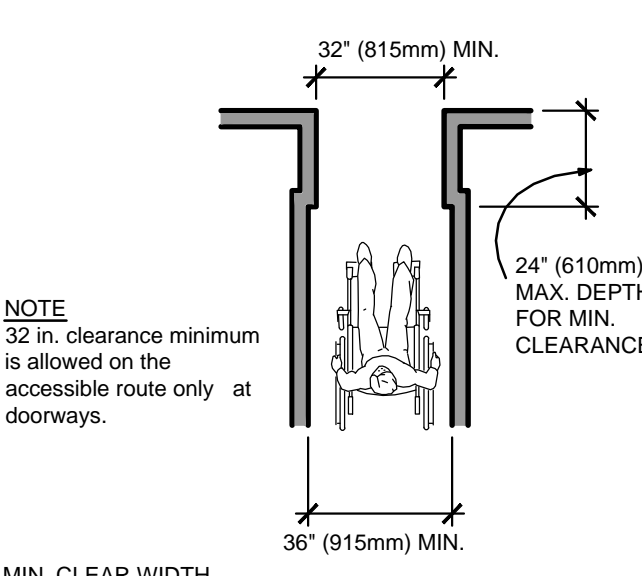
If X > 24 in. (610mm), then an additional maneuvering clearance of 6 in. (150mm) shall be provided as shown.



NOTE

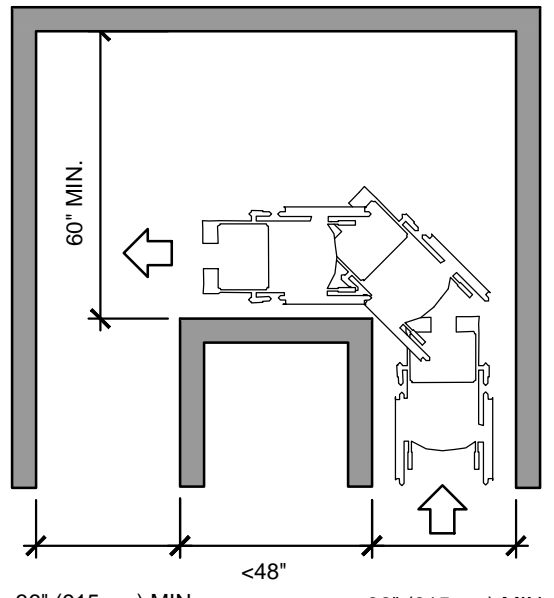
If X > 15 in. (380mm), then an additional maneuvering clearance of 12 in. (305mm) shall be provided as shown.

305 CLEAR FLOOR SPACE

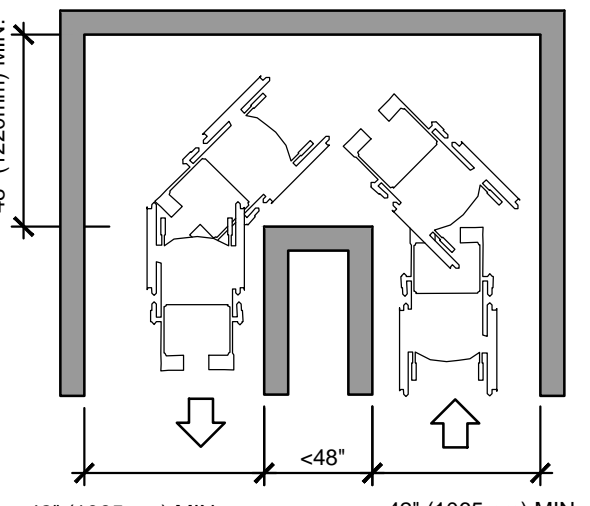


NOTE  
32 in. clearance minimum is allowed on the accessible route only at doorways.

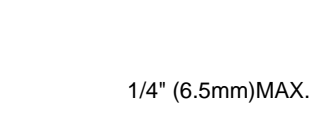
MIN. CLEAR WIDTH FOR SINGLE WHEELCHAIR RE: FIG.1 p.23



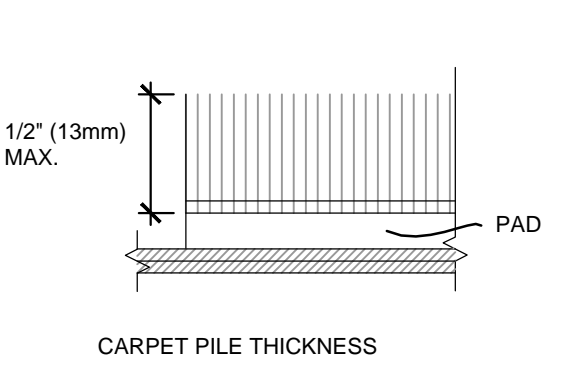
CLEAR WIDTH AT TURN



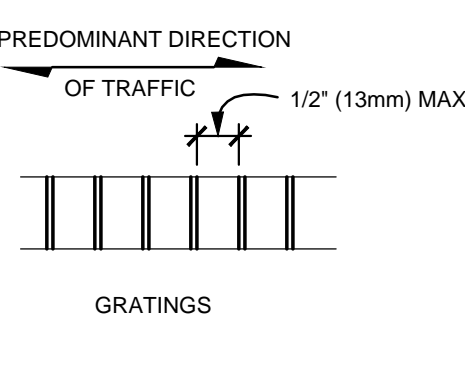
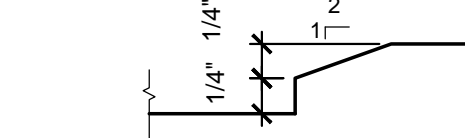
403 WALKING SURFACES



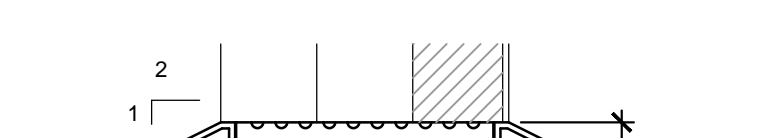
303 CHANGES IN LEVEL



CARPET PILE THICKNESS



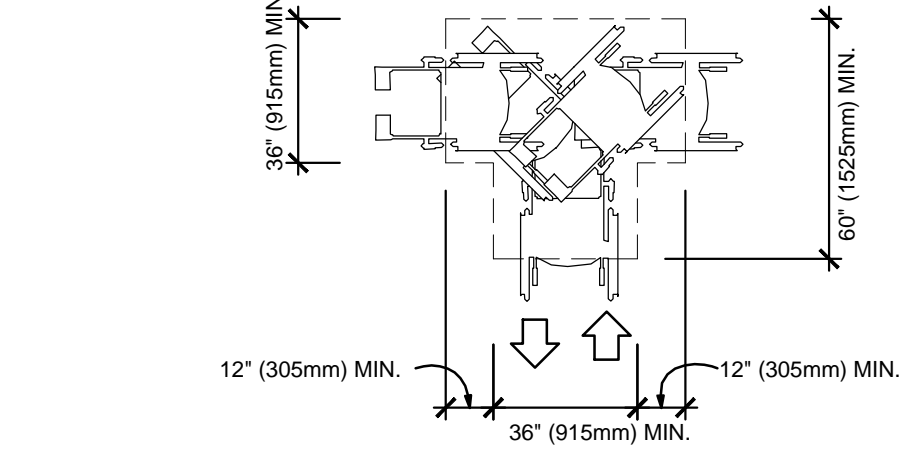
GRATINGS



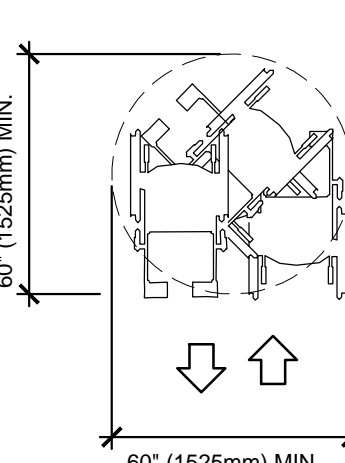
GRATING ORIENTATION

NOTE  
Sidewalk width: 36 in. (915mm) minimum.

302 GROUND AND FLOOR SURFACES



T-SHAPED SPACE FOR 180° TURN



SPACE NEEDED TO TURN A WHEELCHAIR

304 TURNING SPACE

REVISIONS

DATE: 01/20/2022

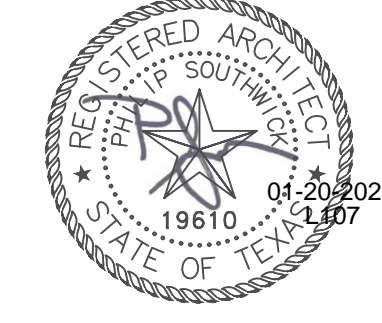
DRAWN: VP

CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS, AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED FOR ANY PURPOSES NOT SPECIFICALLY AGREED TO IN WRITING BY THE ARCHITECT. ALL REVISIONS TO THE INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER MAY BE USED BY THE OWNER FOR ANY PURPOSES. ANY CHANGES MADE TO THE INSTRUMENTS OF SERVICE SHALL BE THE RESPONSIBILITY OF THE ARCHITECT. THE ARCHITECT'S DESIGN SHALL BE THE RESPONSIBILITY OF THE ARCHITECT. THE ARCHITECT'S DESIGN SHALL BE THE RESPONSIBILITY OF THE ARCHITECT. THE ARCHITECT'S DESIGN SHALL BE THE RESPONSIBILITY OF THE ARCHITECT.

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.HOLDER3.COM  
4202 SPIEWEY SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758



If this file has been transmitted electronically, the original is in the office of L. M. Holder III, F.A.I.A. The electronic document was released by L. M. Holder III, F.A.I.A. for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, F.A.I.A.

JOB NO. 3663

TAS

SHEET

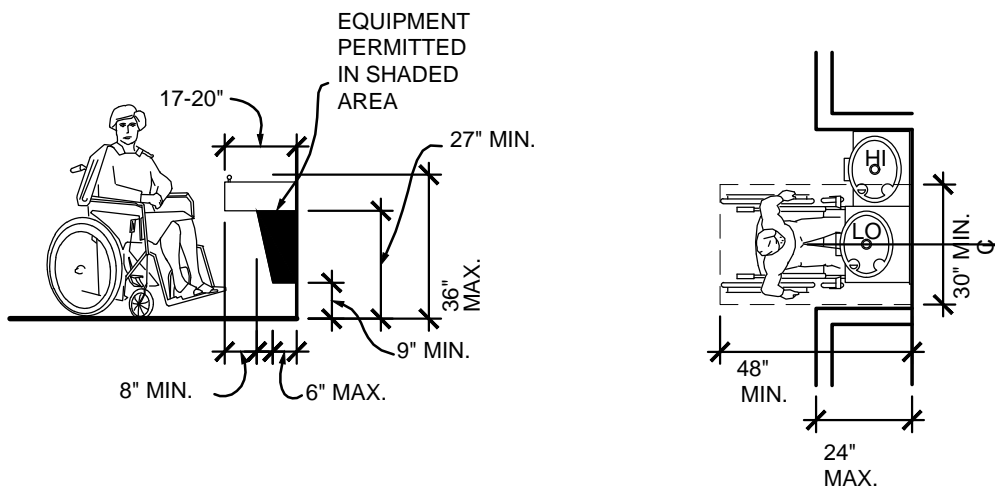
A3.1

issue for permit



NOTE:  
BOTH HIGH AND LOW FOUNTAINS ARE REQUIRED, NO FEWER THAN 50% WHEELCHAIR ACCESSIBLE; OTHERS ARE TO BE LOCATED AT A STANDARD HEIGHT CONVENIENT TO THOSE WITH DIFFICULTY STOOPING. HIGH-LOW FOUNTAINS ARE REQUIRED WHEN ONLY ONE FOUNTAIN IS PROVIDED.

ADDITIONAL REQUIREMENTS FOR SPOUT LOCATION, ANGLE, FLOW, AND HI  
FOUNTAIN RE: 602

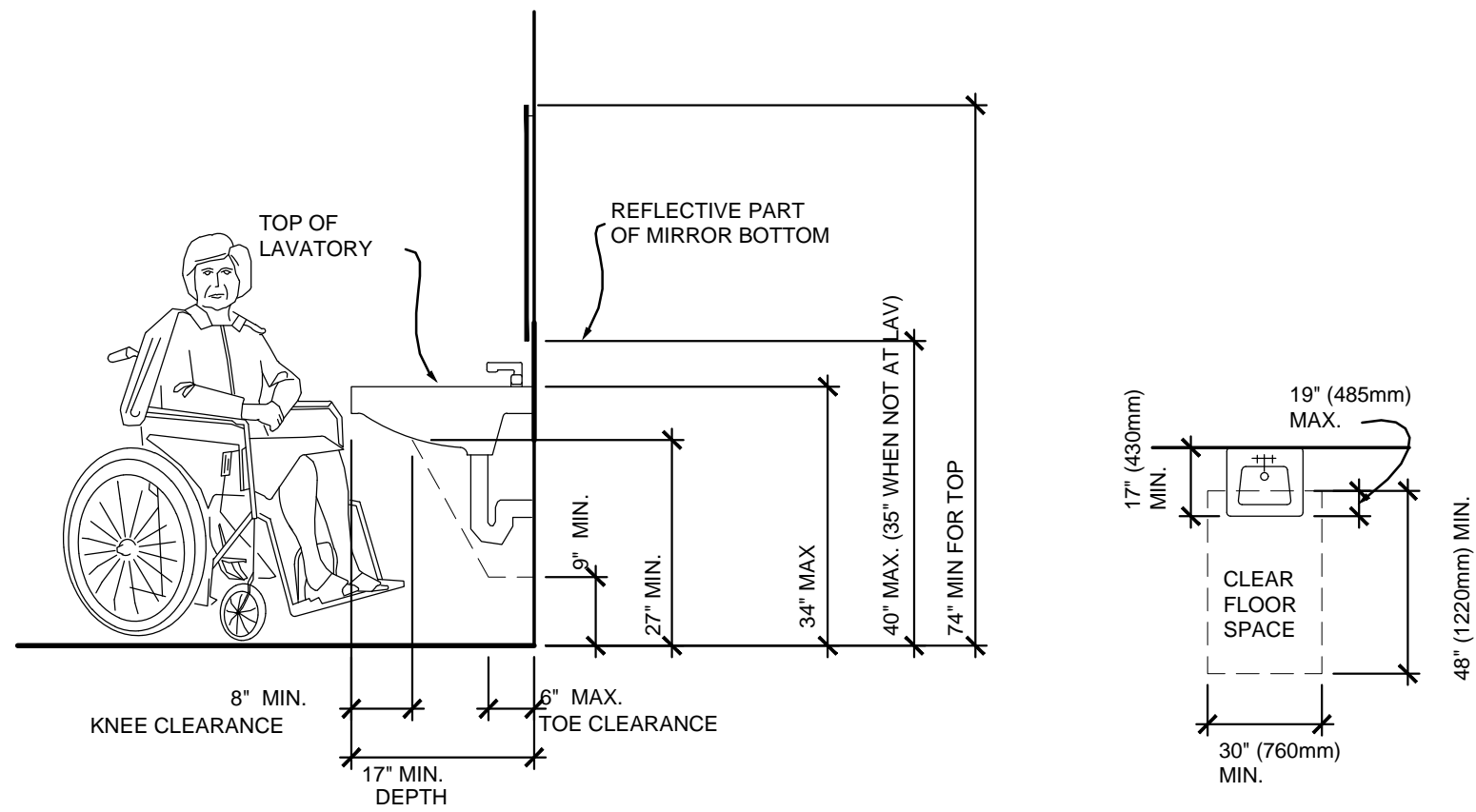


"LO" SPOUT HEIGHT AND KNEE CLEARANCE

CLEAR FLOOR SPACE AT LOW FOUNTAIN IN HI/LO

FREESTANDING FOUNTAIN OR COOLER

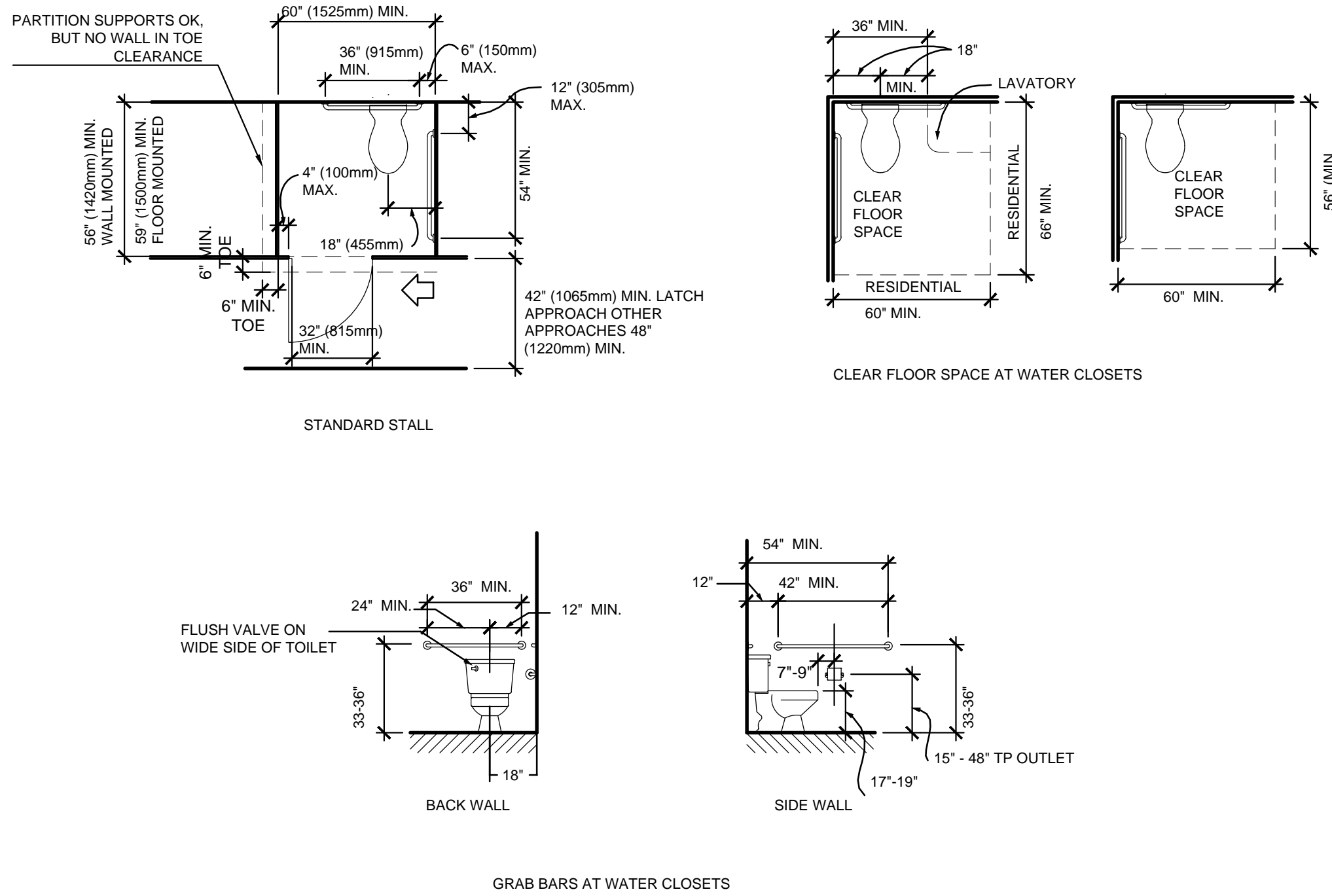
#### 602 DRINKING FOUNTAINS



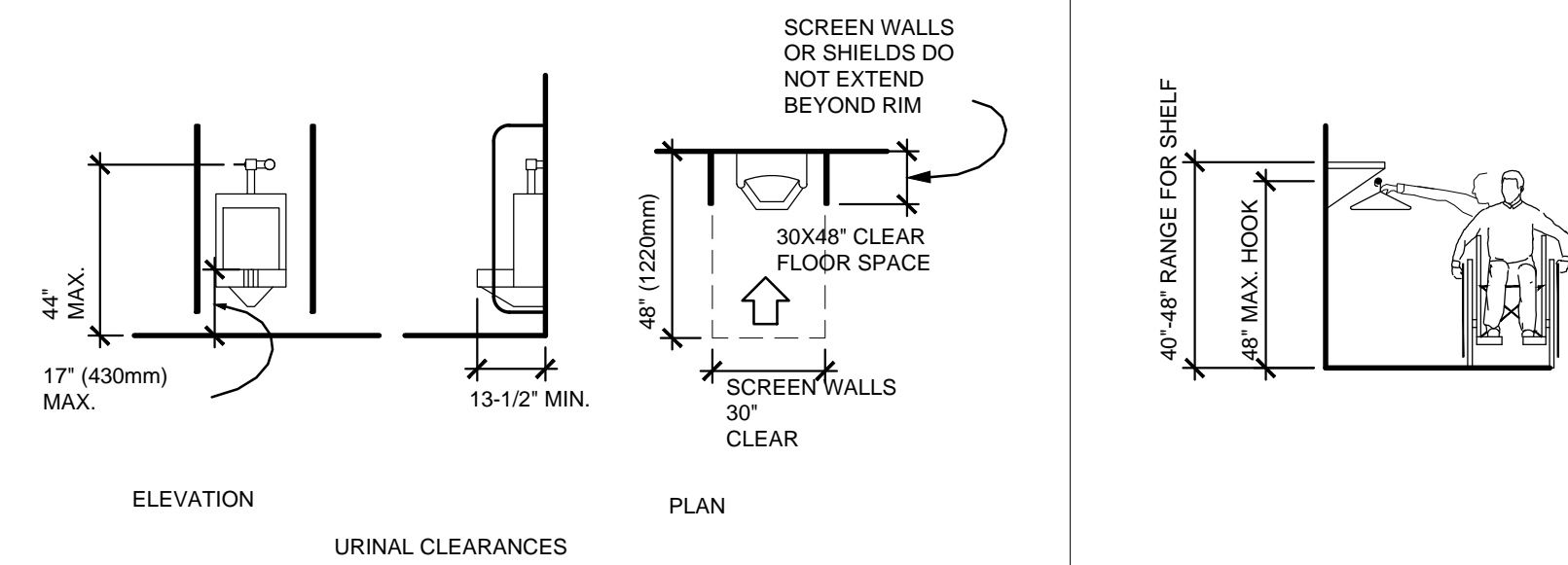
LAVATORY CLEARANCES

CLEAR FLOOR SPACE AT LAVATORIES

#### 606 LAVATORIES AND SINKS



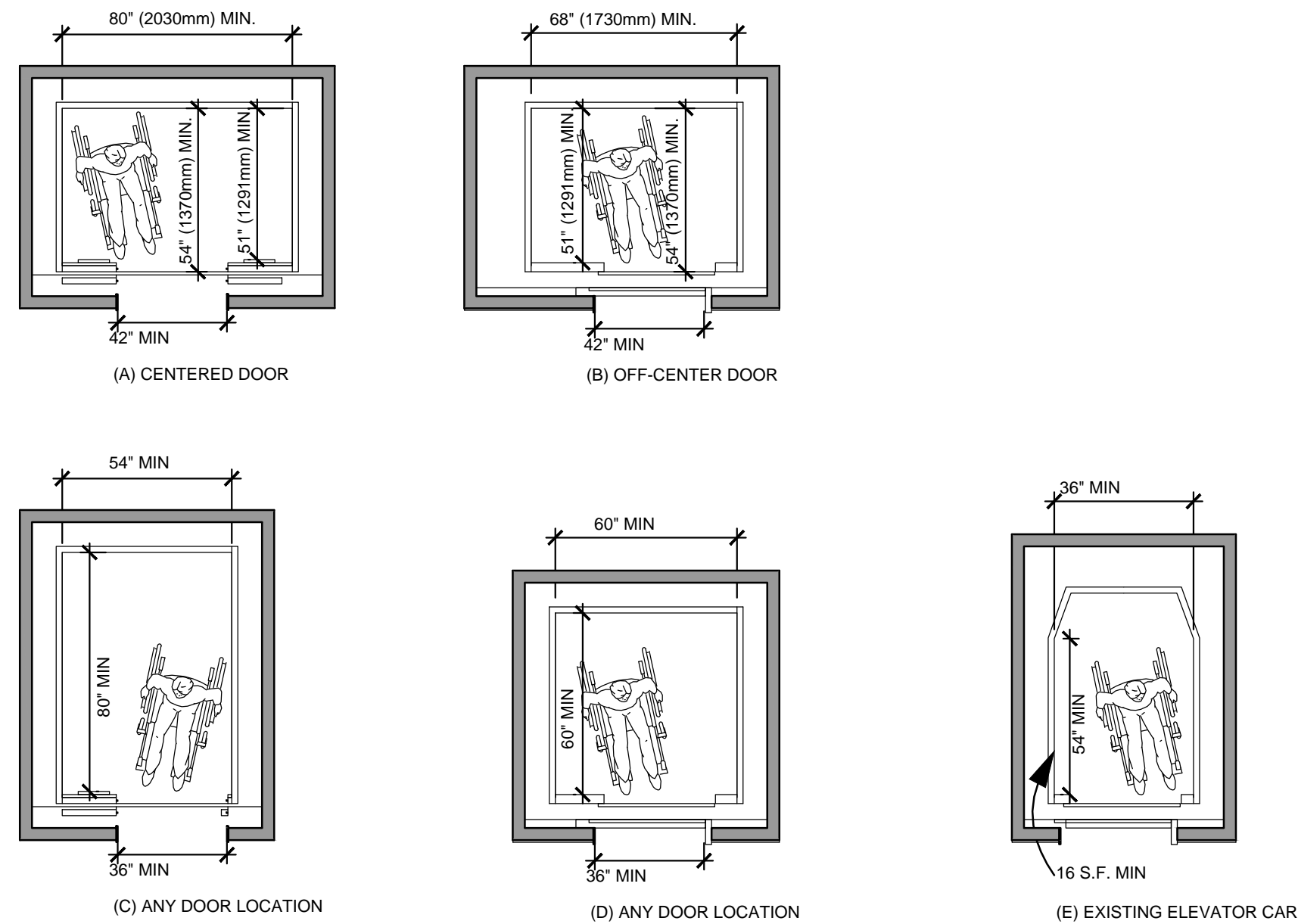
#### 604 WATER CLOSETS AND TOILET COMPARTMENTS



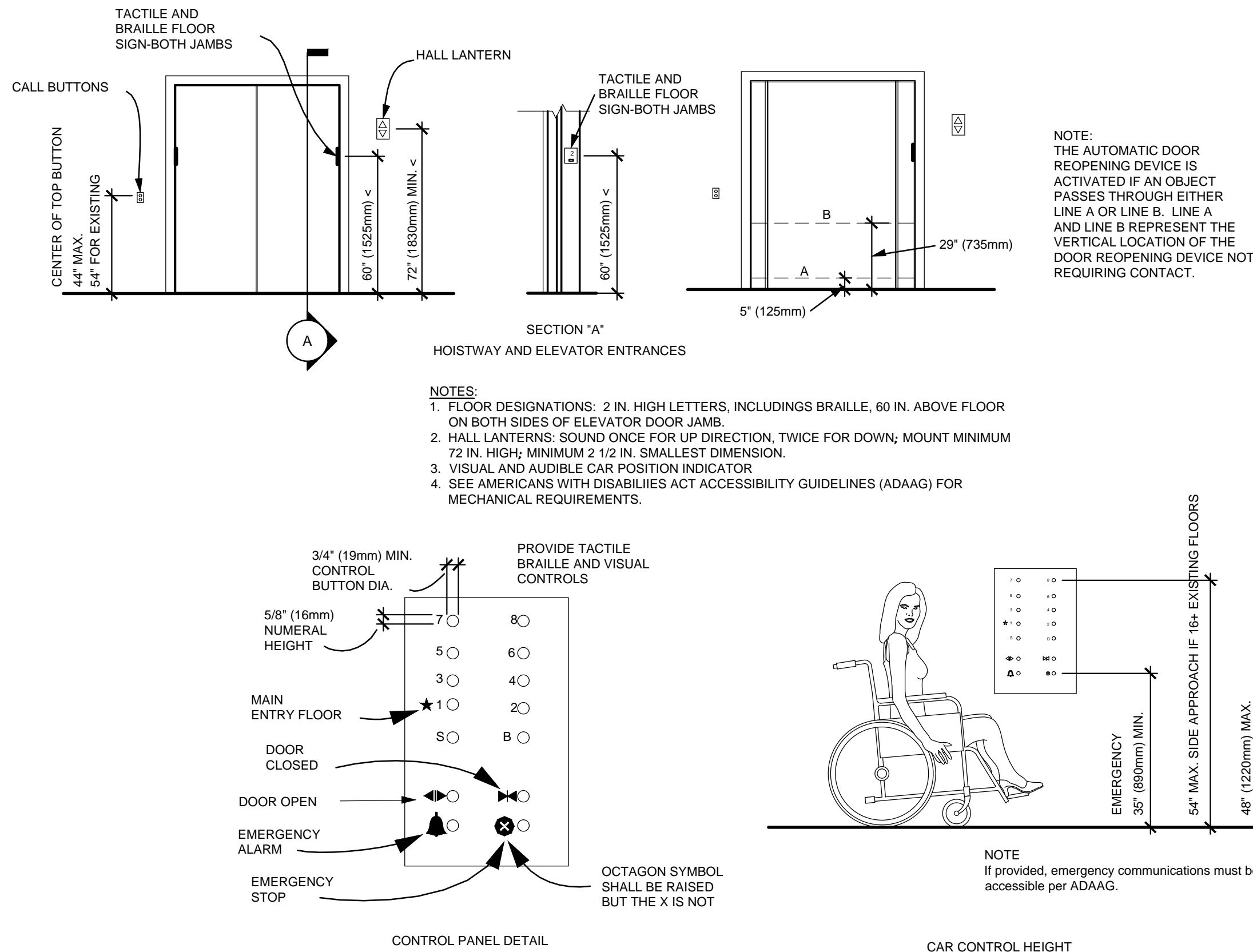
#### 605 URINALS

213.3.3: 605 SHALL APPLY IF MORE THAN ONE URINAL

#### 603 TOILET AND BATHING ROOMS

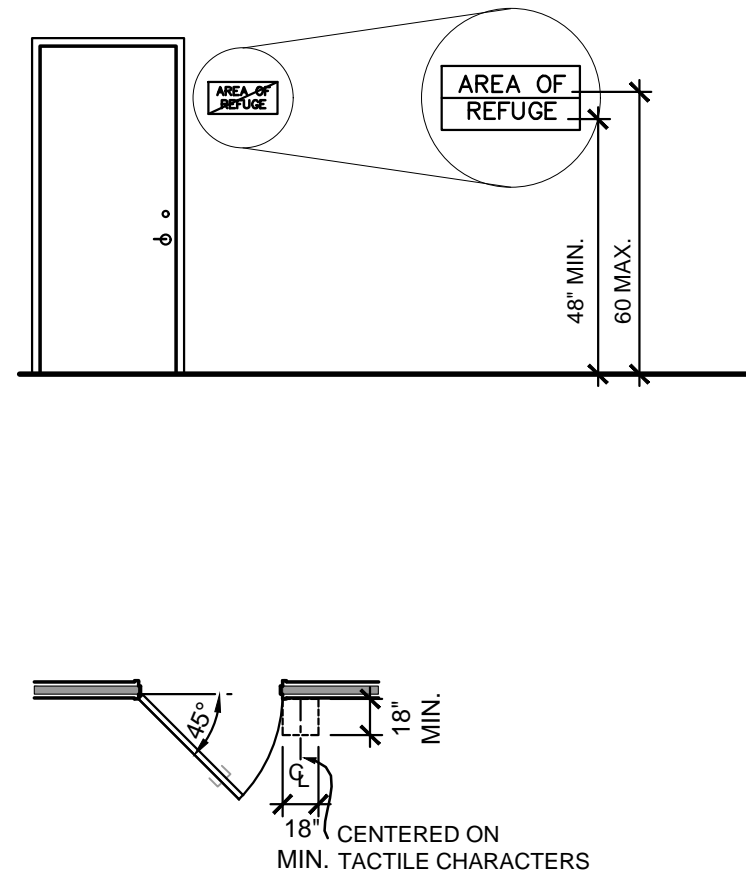


#### 407 ELEVATORS



- NOTES:
- FLOOR DESIGNATIONS: 2 IN. HIGH LETTERS, INCLUDINGS BRAILLE, 60 IN. ABOVE FLOOR ON BOTH SIDES OF ELEVATOR DOOR JAMB.
  - HALL LANTERNS: SOUND ONCE FOR UP DIRECTION, TWICE FOR DOWN; MOUNT MINIMUM 72 IN. HIGH; MINIMUM 2 1/2 IN. SMALLEST DIMENSION.
  - VISUAL AND AUDIBLE CAR POSITION INDICATOR
  - SEE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) FOR MECHANICAL REQUIREMENTS.

NOTE  
If provided, emergency communications must be accessible per ADAAG.



#### 703 SIGN MOUNTING LOCATION

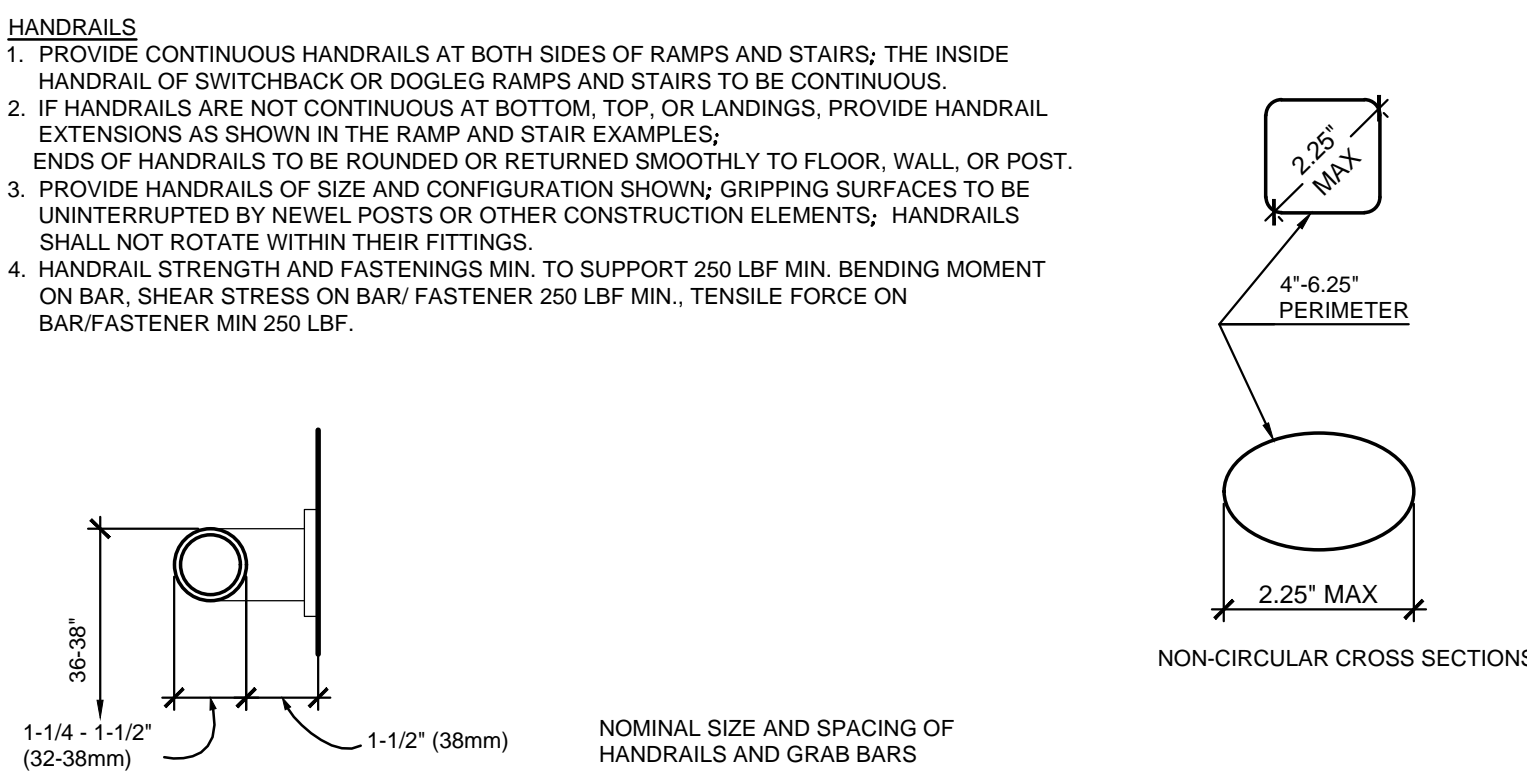
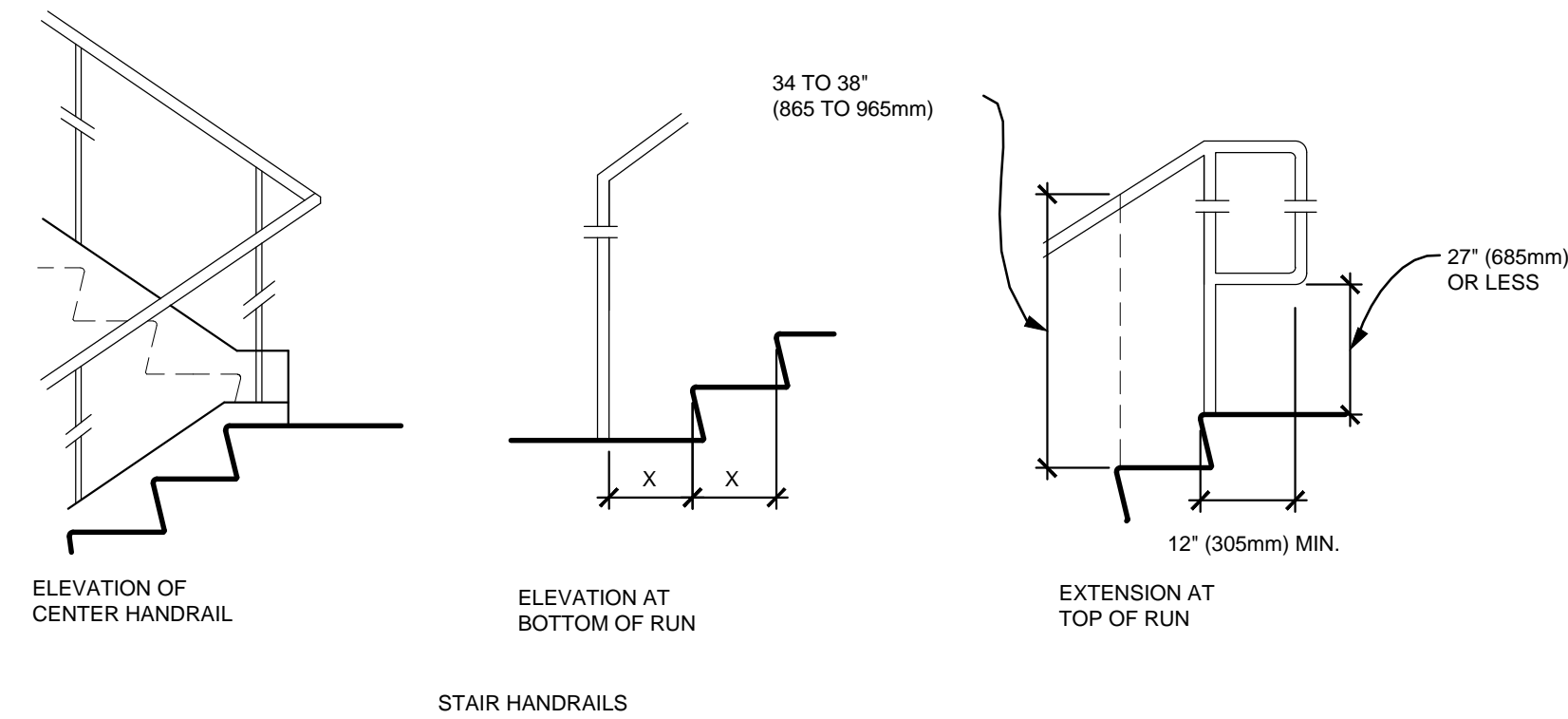


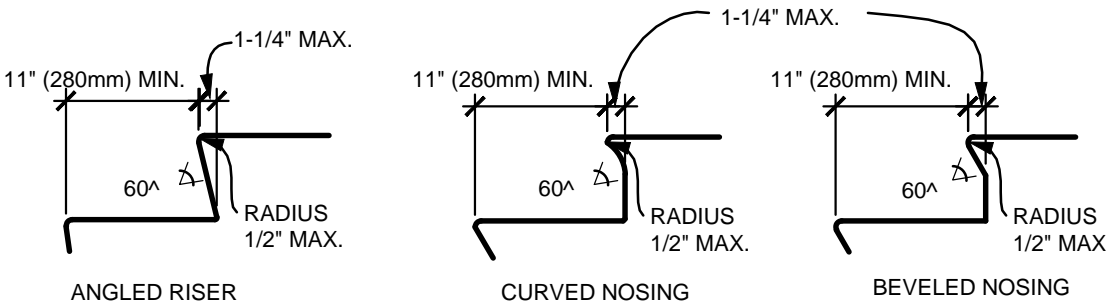
FIGURE 804.2.2. U-SHAPE KITCHENS

804 KITCHENS AND KITCHENETTES  
(DOES NOT APPLY TO BREAK ROOMS)



#### 505 HANDRAILS

- STAIRS:  
INTERIOR OR EXTERIOR STAIRS CONNECTING LEVELS NOT CONNECTED BY ELEVATOR, RAMP, OR LIFT MUST COMPLY WITH THE FOLLOWING:
- UNIFORM RISERS AND TREADS; MINIMUM 11 IN. TREAD; OPEN RISERS NOT PERMITTED.
  - NOSINGS AS SHOWN.
  - HANDRAILS AS SHOWN AND DESCRIBED.
  - DESIGN OUTDOOR STAIRS AND APPROACHES SO THAT WATER DOES NOT ACCUMULATE ON WALKING SURFACES.



#### 504 STAIRS

#### REVISIONS

DATE: 01/20/2022

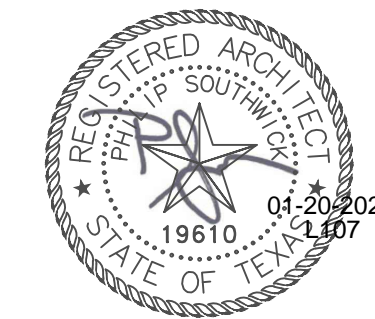
DRAWN: VP

CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS, AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE REPRODUCED FOR ANY PURPOSES WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. THE INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER MAY BE USED BY THE OWNER FOR ANY PURPOSES RELATED TO THE PROJECT OR FOR ANY OTHER PROJECT, BUT ANY CHANGES ARE MADE IN THE PLANS AND/OR SPECIFICATIONS BY THE OWNER OR PERSONS OTHER THAN THE ARCHITECT, ANY AND ALL LIABILITY ARISING OUT OF SUCH CHANGES SHALL BE THE FULL RESPONSIBILITY OF THE OWNER. THE ARCHITECT HAS GIVEN ARCHITECT PRIOR NOTICE AND HAS RESERVED ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

**L.M.HOLDER III, F.A.I.A.**  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.HOLDER3.COM  
4202 SPICEWOOD SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

**ECD DISTRIBUTION AT LONGHORN**  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758



If this file has been transmitted electronically, the original is in the office of L. M. Holder III, F.A.I.A. The electronic document was released by L. M. Holder III, F.A.I.A. for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, F.A.I.A.

JOB NO. 3663

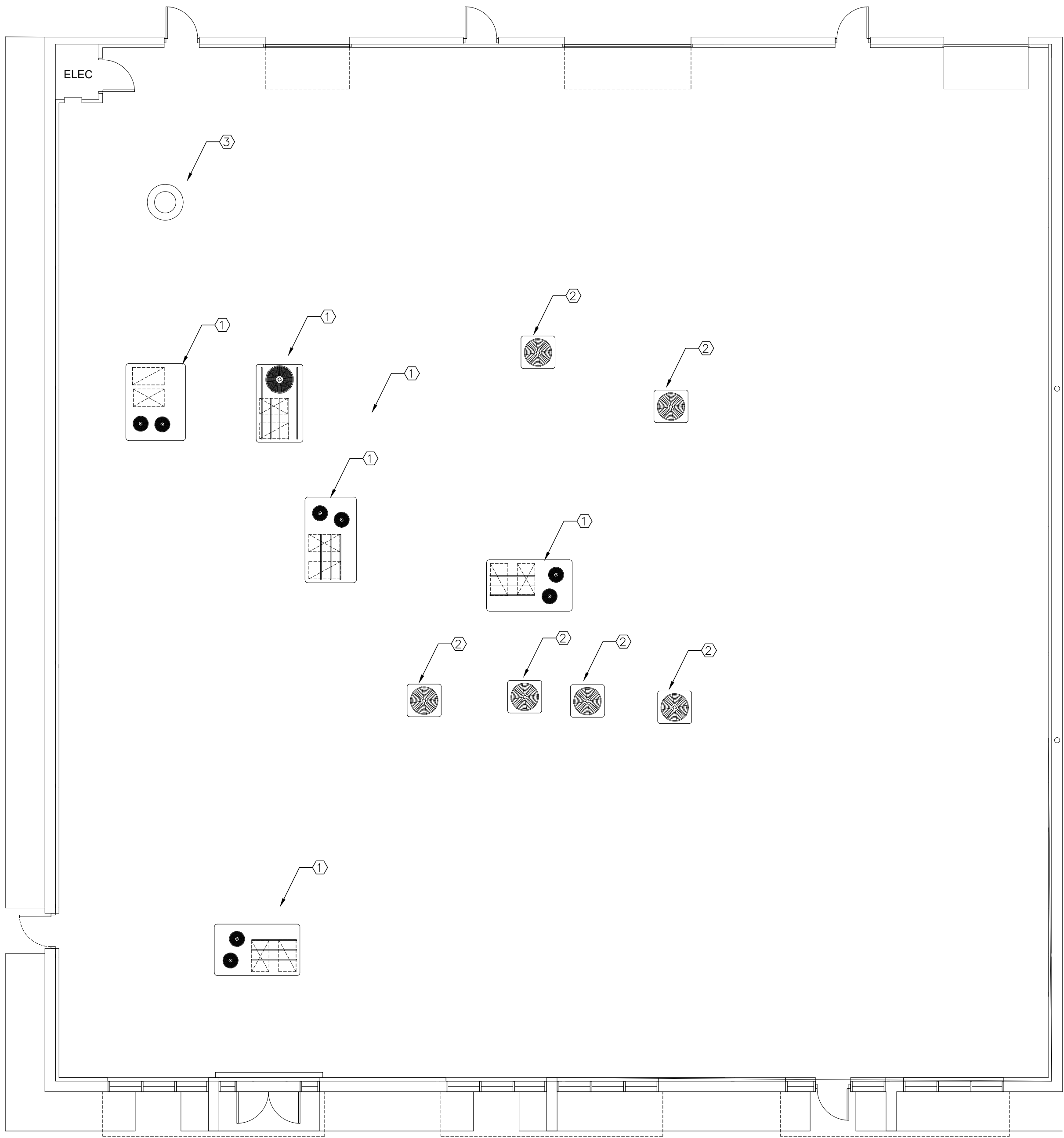
TAS

SHEET

**A3.2**

issue for permit





MECHANICAL SYMBOL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DIRECTION OF FLOW		LINED DUCTWORK
	TEMPERATURE SENSOR		RECTANGULAR ELBOW WITH TURNING VANES
	THERMOSTAT		ROUND FLEXIBLE DUCT CONNECTION
	GATE VALVE		CHECK VALVE
	STRAINER		90 DEGREE ELBOW DOWN
	UNION		90 DEGREE ELBOW UP
	PRESSURE GAUGE		FLEXIBLE DUCT CONNECTION
	THERMOMETER		SUPPLY AIR DEVICE
	S.D. SMOKE DAMPER		DUCT SIZE TRANSITION
	MANUAL BALANCING DAMPER		BACKDRAFT DAMPER
	MOTORIZED DAMPER		AUTOMATIC FLOW CONTROL VALVE
	CEILING RETURN AIR DEVICE		BALL VALVE
	SUPPLY DUCT RISER		BUTTERFLY VALVE
	RETURN DUCT RISER		UNDERCUT DOOR
NOTE: NOT ALL SYMBOLS MAY BE USED ON THIS PROJECT.			

GENERAL NOTES

- A. ALL WORK SHALL COMPLY WITH THE CURRENT NFPA, UMC, IMC, NATIONAL,
- B. DUCT TRANSFORMATION IS ALLOWED, BUT THE CROSS-SECTIONAL AREA SHALL REMAIN THE SAME AND WITH 1" IN 4" MAXIMUM SLOPE.
- C. ROUND DUCT ELBOWS SHALL BE SMOOTH TYPE, AND RECTANGULAR ELBOWS SHALL BE RADIUS TYPE WITH INTERNAL VANES.
- D. ALL SUPPLY AND RETURN DUCTS SHALL BE EXTERNALLY INSULATED WITH 2" THICK NON-RIGID GLASS FIBER WITH VAPOR BARRIER.
- E. PROVIDE MANUAL DAMPER AT EACH OF THE LOW PRESSURE SUPPLY
- F. FLEXIBLE DUCT SHALL BE FLEXMASTER TYPE-5 OR APPROVED EQUAL.
- G. BALANCE AIR CFM TO VALUE AS SHOWN ON DRAWING.
- H. SIDE TAKEOFFS SHALL BE 45 DEGREE, UNLESS NOTED OTHERWISE.
- I. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS OF INSTALLATIONS.
- J. PROVIDE AND INSTALL VOLUME DAMPER ON ALL SUPPLY BRANCHES.
- K. CONTRACTOR TO FIELD VERIFY, LOCATION, FUNCTIONALITY, SIZE, ETC., OF

REVISIONS

DATE: 01/14/2022

DRAWN:

CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS, AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED FOR ANY PURPOSES NOT SPECIFICALLY AGREED TO IN WRITING BY THE ARCHITECT. ALL REPRODUCTIONS OF THE INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER MAY BE USED FOR THE PROJECT ONLY AND NOT BE RELATED TO THE SUBJECT PROPERTY IN THE EVENT OF ANY CHANGES ARE MADE IN THE PLANS OR SPECIFICATIONS BY THE OWNER OR PERSONS OTHER THAN THE ARCHITECT. ANY AND ALL LIABILITY ARISING FROM ANY CHANGES SHALL BE THE FULL RESPONSIBILITY OF THE OWNER UNLESS THE OWNER HAS GIVEN ARCHITECT PRIOR NOTICE AND HAS RECEIVED ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

MEP BY  
ADVANCED A/C &  
ENGINEERING  
FIRM # 12949  
MURPHY TX 75094  
469-408-8885

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW . HOLDER3 . COM  
4202 SPICEWOOD SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD – SUITE 107  
AUSTIN, TEXAS 78758

01 DEMOLITION HVAC FLOOR PLAN

SCALE: 1/8" = 1'-0"

1

KEY NOTES

1. DEMO RTU AND ALL ASSOCIATED DUCTWORK, ELECTRICAL SERVICES, CONTROL, ETC. AND CLOSE THE CURB OPENING.

2. DEMO CONDENSER UNITS, ASSOCIATED AHU, ALL DUCTWORK, ELECTRICAL SERVICES, CONTROL, ETC.

3. DEMO EXHAUST FAN.



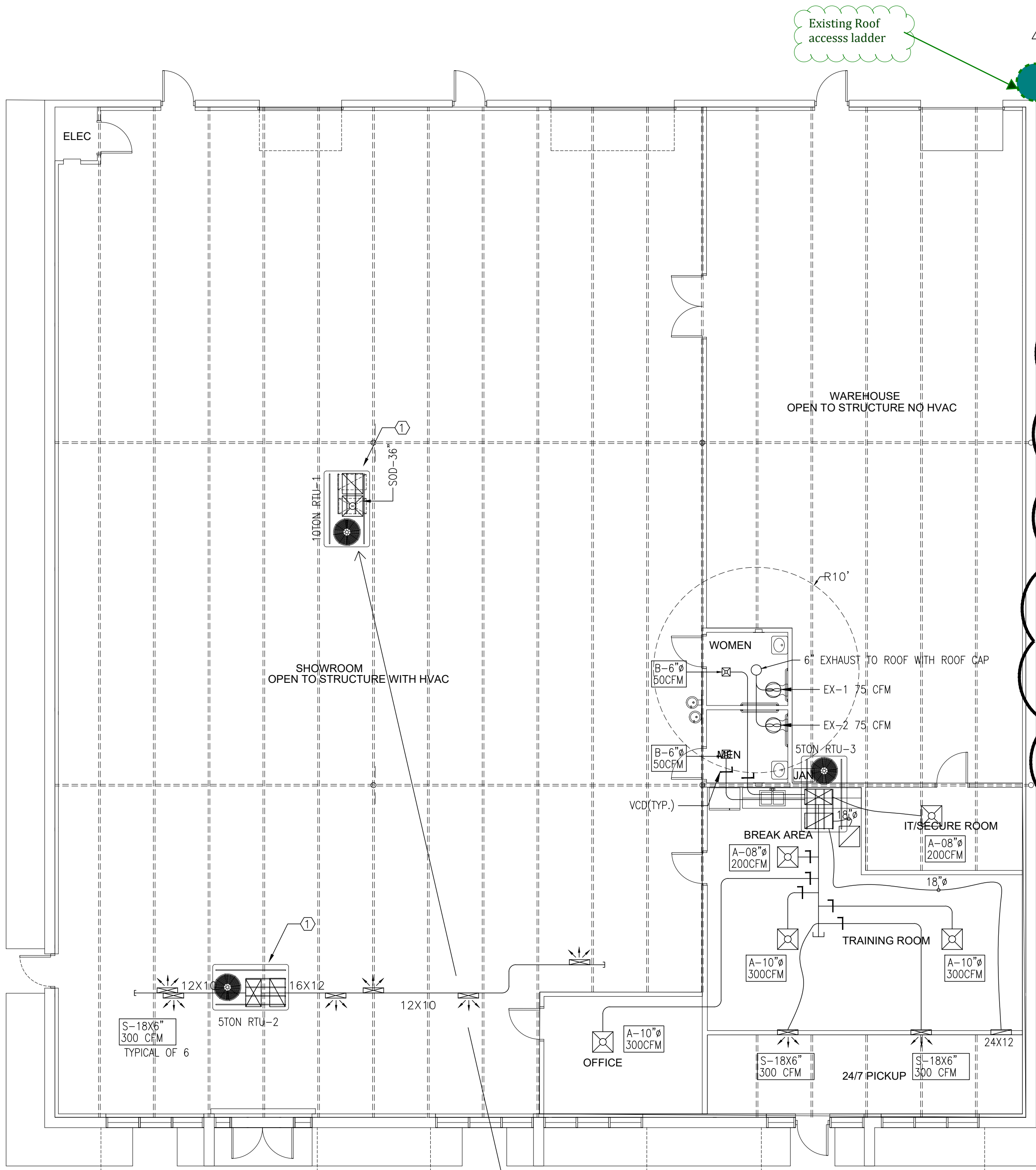
If this file has been transmitted electronically, the original is in the office of L. M. Holder III, FAIA. The electronic document was released by L. M. Holder III, FAIA for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, FAIA.

JOB NO. 3663

SHEET

M1-01



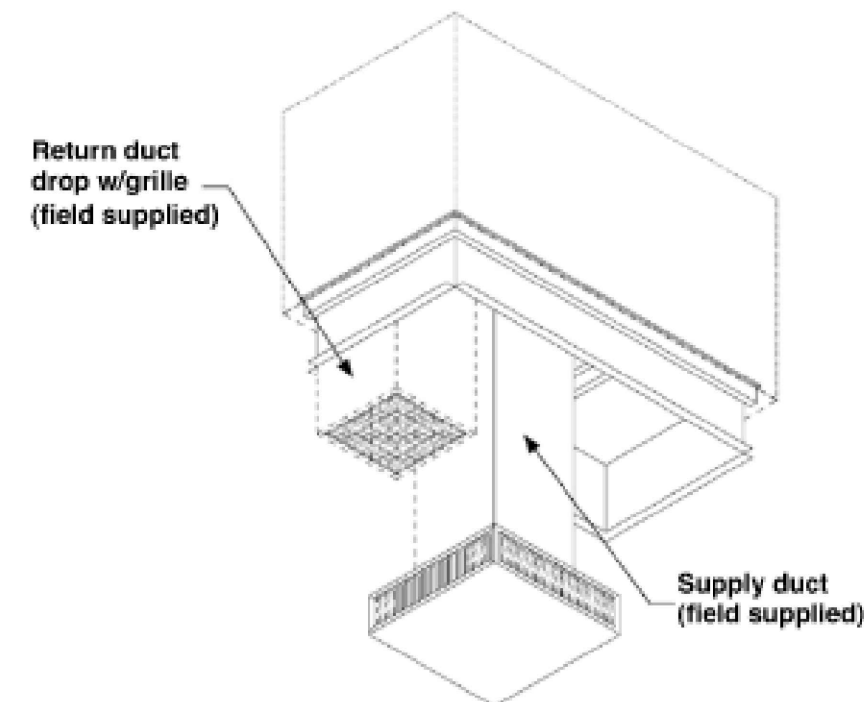


## 01 HVAC FLOOR PLAN

SCALE: 1/8" = 1'-0"

FIELD ADAPT NEW RTU TO EXISTING PENETRATIONS FROM DEMOLISHED RTUS. PROVIDE SUBMITTAL OF ANY CHANGES FOR PROP MGR APPROVAL.

### TYPICAL INSTALLATION



### FEATURES

- Lightweight aluminum construction
- Internal air deflector
- Optional duct cap accessory
- Hanging supports with duct cap accessory

### engineering data

Model # CFM	Neck Vel.	Static	Throw	Noise	Unit Weight
SOD-24	600	270	0.04	12-17	20
	800	364	0.06	16-22	20
	1000	450	0.07	20-28	20
	1200	536	0.09	24-33	20
	1400	625	0.11	28-39	20
	1600	714	0.14	33-44	25
	1800	804	0.16	41-52	30
	2000	893	0.19	46-55	30
SOD-36	3600	810	0.19	49-54	25
	3800	863	0.21	50-55	25
	4000	909	0.23	51-56	30
	4200	955	0.26	53-60	30
	4400	1000	0.30	54-62	30
					51.00

3-10 Ton R-410A PKGD Unitary Gas/Electric Rooftop Schedule				
Unit Tags		5-TON	10-TON	
Quantity		2	1	
TAG		RTU-2 RTU-3	RTU-1	
Model Number		YSC060G3	YSC120H3	
Fan Performance	CFM (cfm)	2000	4000	
	ESP (in H2O)	0.5	0.5	
Cooling Coil Performance	Gross Cooling Capacity	59.96	116.26	
	EAT DB (F)	80	80	
	EAT WB (F)	67	67	
	LAT DB (F)	59.47	59.02	
	LAT WB (F)	58.29	58.14	
Gas Heating Performance	LAT Rise (F)	30.3	24.6	
	EAT (F)	70	70	
	LAT (F)	100.3	94.6	
Cooling Energy Efficiency	EER (EER)	12	11.2	
	IEER	14	12.7	
Electrical Data	MCA (A)	29	49	
	MOCP (A)	40	60	
	Voltage	208-230/60/3	208-230/60/3	
Extra	Weight (lb)	797	1384	
Notes		1, 2, 3, 4, 5	1, 2, 3, 4, 5	

### NOTES:

- Unit to be Trane packaged rooftop unit with model, size, and configuration as indicated in schedule and on drawings
- Provide factory-mounted DDC unit controller
- Provide with zone temperature sensor
- Provide factory-installed phase monitor
- Provide return and supply air smoke

### KEY NOTES

- NEW RTU. RUN NEW 3/4" CONDENSATE LIEN TO THE MOP SINK. IF POSSIBLE UTILIZE EXISTING RTU OPENING AND CURB THAT MADE AVAILABLE BUY THE DEMOLITION OF THE EXISTING RTU. FILED VERIFY THE FINAL LOCATION, THE SIZE, AND THE POSSIBILITY OF USING CURB ADAPTOR.

## 02 RTU SCHEDULE

SCALE: NTS

GRILLE/DIFFUSER/REGISTER SCHEDULE				
MARK	DESCRIPTION	MANUFACTURER MODEL No.	MAX. NC LEVEL (1)	REMARKS
A	24"x24" FACE, ROUND NECK, CEILING SUPPLY DIFFUSER WITH BORDER FOR LAY-IN CEILING, OR SURFACE MOUNTING	TITUS TMS	30	#26 WHITE FINISH
B	12"x12" FACE, ROUND NECK, CEILING SUPPLY DIFFUSER WITH BORDER FOR LAY-IN CEILING, OR SURFACE MOUNTING	TITUS TMS	30	#26 WHITE FINISH
CD2	ALUMINUM ROUND CEILING DIFFUSER	TITUS TMR-AA	30	#26 WHITE FINISH
S	SIDE DIFFUSER	TITUS 63FS	30	TBD TO MATCH FINISH

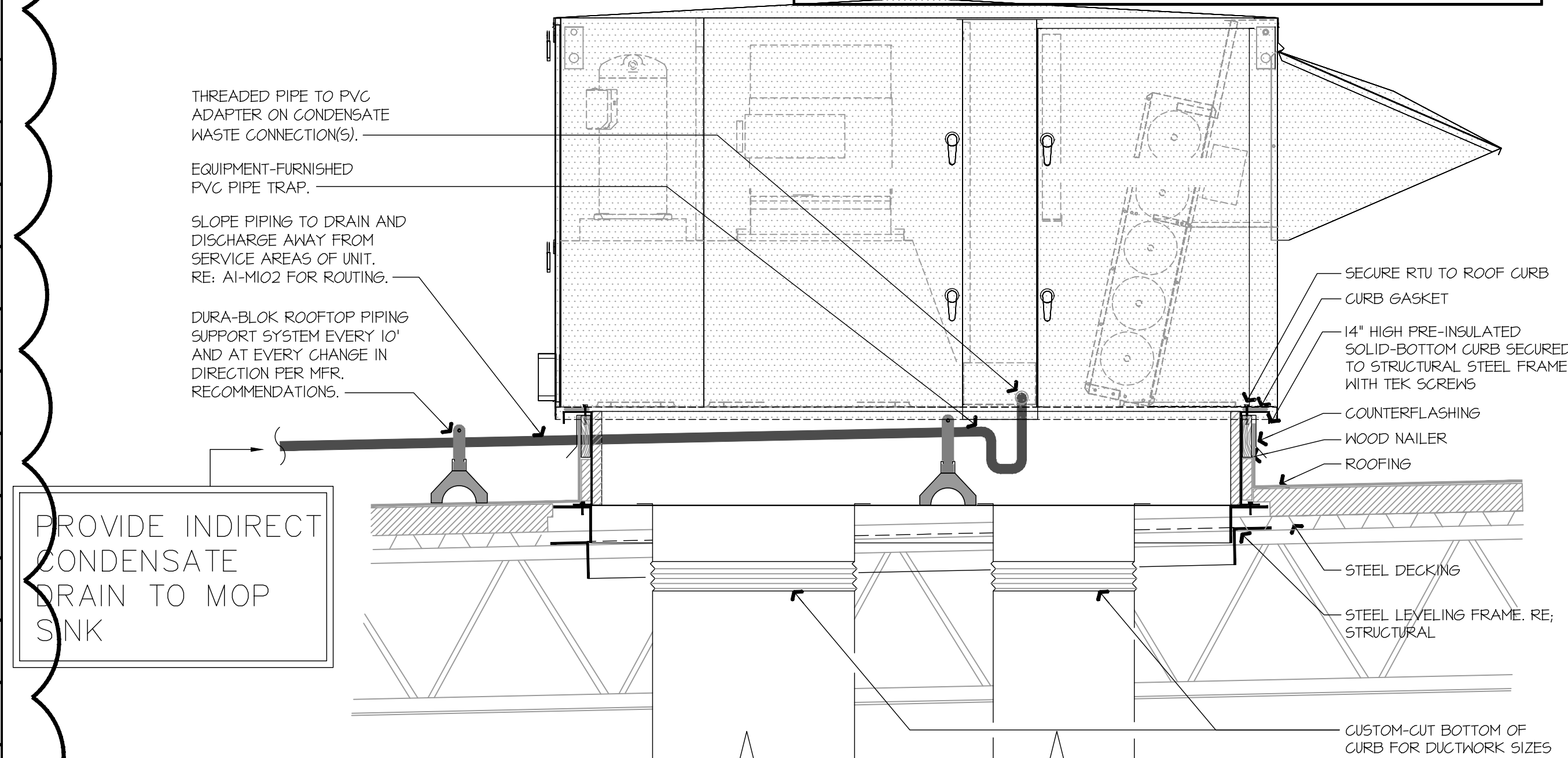
MECHANICAL FAN SCHEDULE						
TAG	FLOW RATE CFM	STATIC PRESSURE IN WG	MOTOR DATA LOAD W	VOLTAGE	BASIS OF DESIGN MANUFACTURER MODEL OR SERIES	
		.25	80			
EX-1, 2	75			120/1/60	GREENHECK	SP-80-VG

### NOTES:

- FURNISH BACKDRAFT DAMPER.
- WILL BE SWITCHED ON BY LIGHT SWITCH.

### GENERAL NOTES

- ALL WORK SHALL COMPLY WITH THE CURRENT NFPA, UMC, IMC, NATIONAL,
  - DUCT TRANSFORMATION IS ALLOWED, BUT THE CROSS-SECTIONAL AREA SHALL REMAIN THE SAME AND WITH 1" IN 4" MAXIMUM SLOPE.
  - ROUND DUCT ELBOWS SHALL BE SMOOTH TYPE, AND RECTANGULAR ELBOWS SHALL BE RADIUS TYPE WITH INTERNAL VANES.
  - ALL SUPPLY AND RETURN DUCTS SHALL BE EXTERNALLY INSULATED WITH 2" THICK NON-RIGID GLASS FIBER WITH VAPOR BARRIER.
  - PROVIDE MANUAL DAMPER AT EACH OF THE LOW PRESSURE SUPPLY
  - FLEXIBLE DUCT SHALL BE FLEXMASTER TYPE-5 OR APPROVED EQUAL.
  - BALANCE AIR CFM TO VALUE AS SHOWN ON DRAWING.
  - SIDE TAKEOFFS SHALL BE 45 DEGREE, UNLESS NOTED OTHERWISE.
  - COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS OF INSTALLATIONS.
  - PROVIDE AND INSTALL VOLUME DAMPER ON ALL SUPPLY BRANCHES.
- CONSULT WITH STRUCTURAL PROFESSIONAL ENGINEER ON ROOF STRUCTURE SUPPORT DESIGN, PRIOR THE INSTALLATION OF THE ROOF TOP UNITS, EXHAUST



## 03 ROOFTOP UNIT CURB DETAIL

SCALE: NTS

### FRESH AIR CALCULATIONS UMC-2021 TABLE 402.1

Name	Occupancy Category	Zone Floor Area	# Persons/1000	Zone Population	People Outdoor Air Rate	Area Outdoor Air Rate	Breathing Zone Outdoor Airflow	Zone Air Distribution Effectiveness	Zone Outdoor Airflow
							Rp Pz + Ra Az		Vbz / Ez
Retail	Store	5911	15	89	7.5	0.12	1374	1	1374
Office	Office	176	5	3	5	0.06	26	1	26
Training Rm	Conference	465	50	23	5	0.06	144	1	144
Break RM	Break RM	127	50	6	5	0.12	47	1	47
							Total Outdoor required CFM		1591
							Total Outdoor provided CFM		1700

Air Balance	Supply (CFM)	Exh. (CFM)
RTU-1	1000	
RTU-2	400	
RTU-3	300	
E(Restrooms)	0	75
TOTAL	1700	75

The space is Positive

## 04 FRESH AIR CALCULATIONS

SCALE: NTS

### REVISIONS

DATE: 01/14/2022

DRAWN:

CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED FOR ANY PURPOSES NOT SPECIFICALLY AGREED TO IN WRITING BY THE ARCHITECT. ALL REPRODUCTIONS OF THE INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER MAY BE MADE BY THE OWNER FOR THE PURPOSES RELATED TO THE SUBJECT PROPERTY IN THE EVENT THAT ANY CHANGES ARE MADE IN THE PLANS AND/OR SPECIFICATIONS BY THE OWNER OR PERSONS OTHER THAN THE ARCHITECT. ANY AND ALL LIABILITY ARISING FROM SUCH REPRODUCTIONS SHALL BE THE RESPONSIBILITY OF THE OWNER UNLESS OWNER HAS GIVEN ARCHITECT PRIOR NOTICE AND HAS RECEIVED ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

MEP BY  
ADVANCED A/C &  
ENGINEERING  
FIRM # 12949  
MURPHY TX 75094  
469-408-8885

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.HOLDER3.COM  
4202 SPIEWOOD SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758



If this file has been transmitted electronically, the original is in the office of L. M. Holder III, FAIA. The electronic document was released by L. M. Holder III, FAIA for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, FAIA.

JOB NO. 3663

SHEET

M1-02





## 01 PLUMBING WATER FLOOR PLAN

SCALE: 1/8" = 1'-0"

PLUMBING FIXTURE SCHEDULE							
SYMBOL	DESCRIPTION	CW	HW	WASTE	VENT	GPM	REMARKS
WC	WATER CLOSET (HANDICAPPED)	1/2"	--	4"	3"	1.1 GPF	AMERICAN STANDARD 2467100.020 CADET 1.1 GPF 2-PIECE ELONGATED TOILET WITH 12-IN ROUGH-IN, AND OPEN FRONT SEAT, WHITE.
LV	LAVATORY	1/2"	1/2"	2"	2"	0.5	HYDROTEK ADA COMPLIANT HB-2603C, POLISHED CHROME FINISH
HS	SINK	1/2"	1/2"	2"	2"	2	ELANTI (HOME DEP) MODEL NO. EC9868, WALL-HUNG; WHITE
FD	FLOOR DRAIN	--	--	--	--	--	J.R. SMITH MODEL 2010 WITH POLISHED BRASS GRATE AND 1/2" TRAP PRIMER CONNECTION. SEE FLOOR PLAN FOR SIZES. FINISHED AREAS.
MOP	SERVICE SINK	1/2"	1/2"	2"	2"	1.5	MOLDED STONE, 24 IN OVERALL LENGTH, 20 IN OVERALL WIDTH, 13 3/8 IN BOWL DEPTH. FIAT PRODUCTS MODEL#FL7TG100
WF	WATER FOUNTAIN	1/2"	--	2"	2"	1.2	ELKAY ADA BARRIER FREE WATER COOLER, LIGHT GRAY GRANITE, 2 STATION, REVERSIBLE, EZSTL8LC

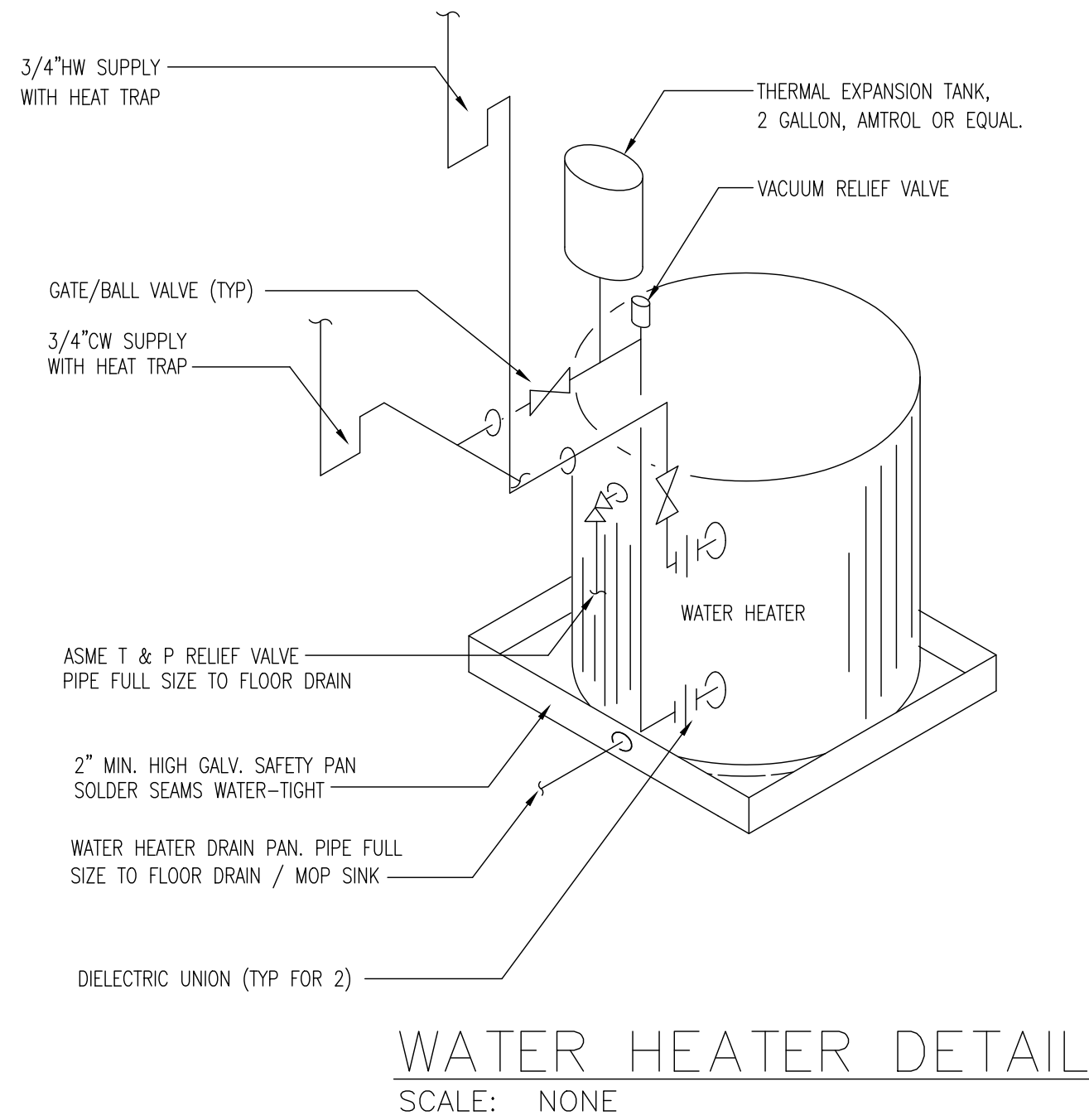
PLUMBING WATER HEATER (ELECTRICAL) SCHEDULE							
TAG	KW	VOLTAGE	AMP	STORAGE CAPACITY	MANUFACTURER	MODEL	WATER CON.
WH	4500	208	21.7	20	RHEEM	#EGSP20 208V 31CE01 GRAINGER	3/4"

### KEY NOTES:

- CONNECT TO EXISTING CW LINE. FIELD VERIFY FINAL LOCATION.
- 1/2" CW FOR REFRIGERATOR.
- EXISTING CW LINE.

### GENERAL NOTES

- INSULATE ALL HOT WATER PIPING WITH 1/2" ARMAFLEX
- PROVIDE 3/8" CW SUPPLY TO ALL FLOOR DRAIN TRAP PRIMERS, IF PRIMERS ARE REQUIRED BY LOCAL CODE.
- THIS CONTRACTOR SHALL PROVIDE WATER CONNECTIONS TO THE PROPER UTILITY AS SHOWN ON THE SITE PLANS.
- WATER PIPING RUN BELOW FLOOR. NO JOINTS OR FITTING ALLOWED BELOW FLOOR.
- LOCATE ALL VENTS ON REAR ROOFS. LOCATE ALL VENTS 10' AWAY FROM ANY EXHAUST OR INTAKE DUCT.
- ALL CLEANOUTS ARE TO BE THE FULL SIZE OF THE SANITARY OR WASTE BRANCH TO WHICH THEY ARE INSTALLED.
- ALL SANITARY AND WASTE LINE ARE TO BE SLOPED AT 1/4" PER FT.
- ALL WATER CLOSETS SHALL BE A MINIMUM OF 15" FROM CENTERLINE OF BOWL TO ADJACENT SHALL UNLESS NOTED ON PLAN. FLUSH CONTROLS SHALL BE ON THE OPEN SIDE OF THE WC, AWAY FROM WALL.
- CONTRACTOR IS CAUTIONED THERE IS A LONG LEAD TIME FOR JR. CLOSETS & THE ROUGH-IN IS NOT A STANDARD DIMENSION.
- GROUT/SEAL ALL FIXTURES TO THE WALL OR FLOOR.
- NOT USED
- THIS CONTRTACTOR SHALL PROVIDE SEWER CONNECTIONS TO THE PROPER UTILITY AS SHOWN ON THE SITE UTILITY PLANS.
- PROVIDE ACCESSIALB SINKS, 4" MAX. DEPTH FINISH TO MATCH ADJACENT SINKS. FAUCETS SHALL BE MOUNTED 18" MAX. FROM FRONT EDGE OF CABINET.
- PRIMARY CONDENSATE DRAIN FROM AHUS TO BE 2" PVC PIPE, TIE DIRECTLY INTO SAN SEWER. SECONDARY DRAINS TO OUTSIDE. SEE MECH PLAN FOR LOCATION.



REVISIONS

DATE: 01/14/2022

DRAWN:

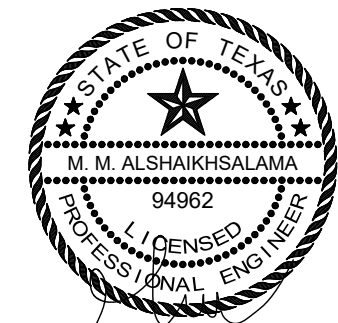
CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS, AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED FOR ANY PURPOSES NOT SPECIFICALLY AGREED TO IN WRITING BY THE ARCHITECT. ALL REVISIONS TO THE INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER SHALL BE THE PROPERTY OF THE ARCHITECT. ANY CHANGES MADE IN THE PLANS AND/OR SPECIFICATIONS BY THE OWNER OR PERSONS OTHER THAN THE ARCHITECT, ANY AND ALL LIABILITY ARISING OUT OF SUCH CHANGES SHALL BE THE FULL RESPONSIBILITY OF THE OWNER. THE ARCHITECT HAS GIVEN ARCHITECT PRIOR NOTICE AND HAS RESERVED ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

MEP BY  
ADVANCED A/C &  
ENGINEERING  
FIRM # 12949  
MURPHY TX 75094  
469-408-8885

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.LHOLDER3.COM  
4202 SPICEWOOD SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758



01/17/2022

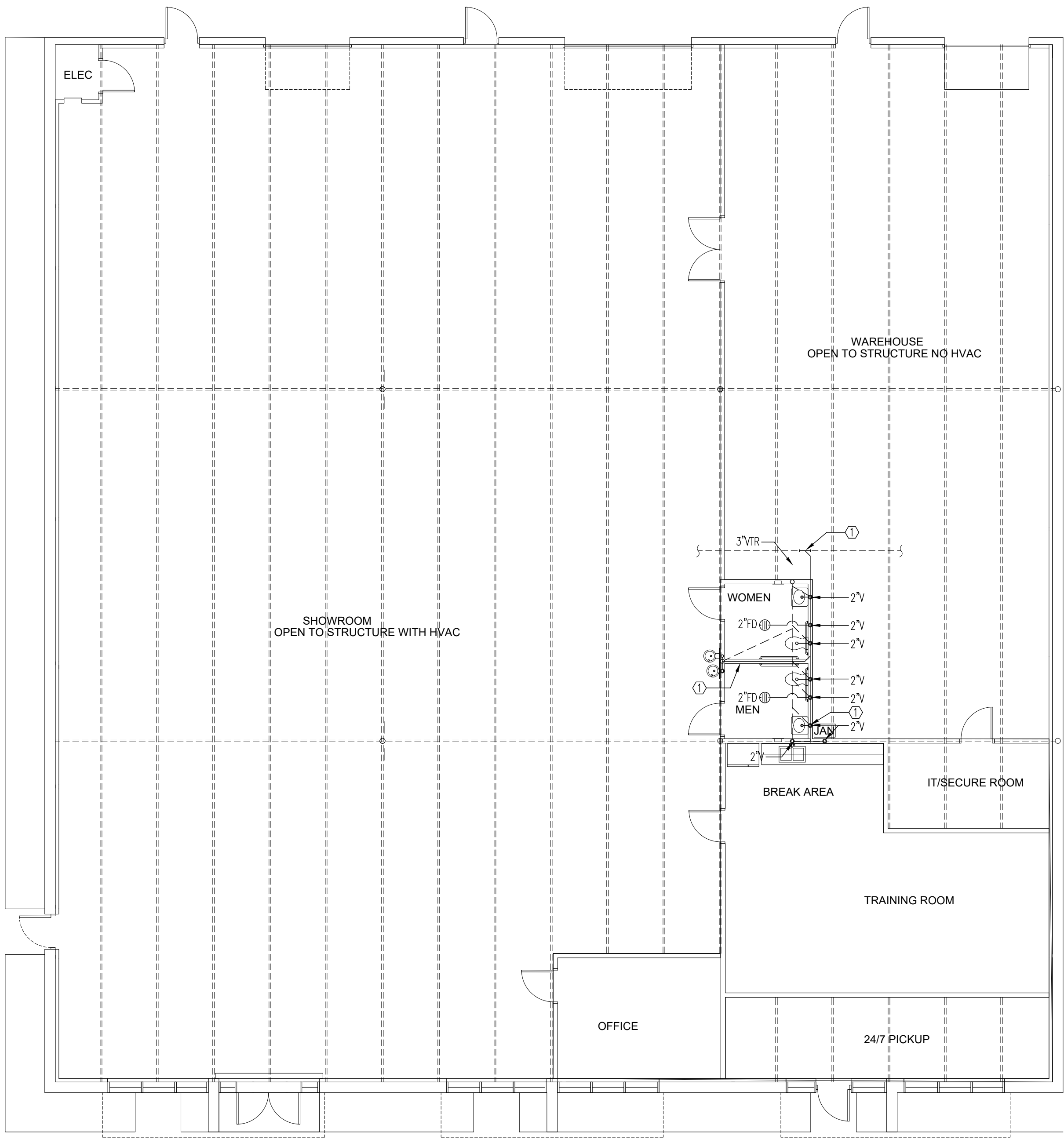
If this file has been transmitted electronically, the original is in the office of L. M. Holder III, FAIA. The electronic document was released by L. M. Holder III, FAIA for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, FAIA.

JOB NO. 3663

SHEET

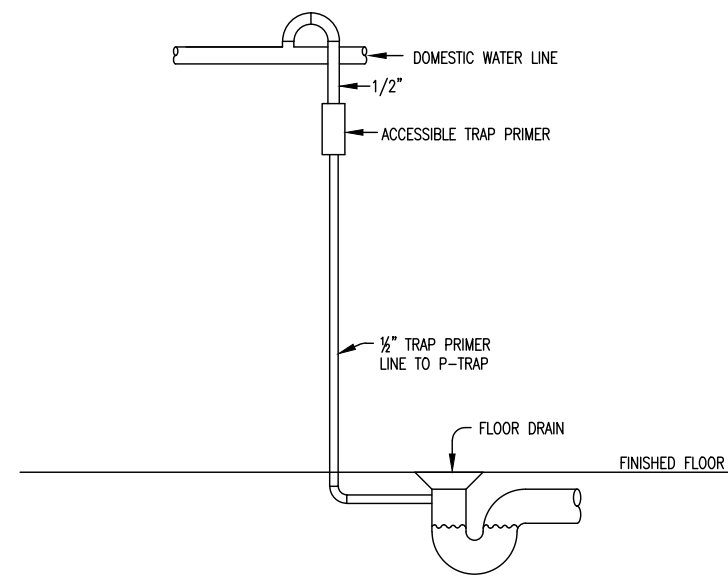
P1-01





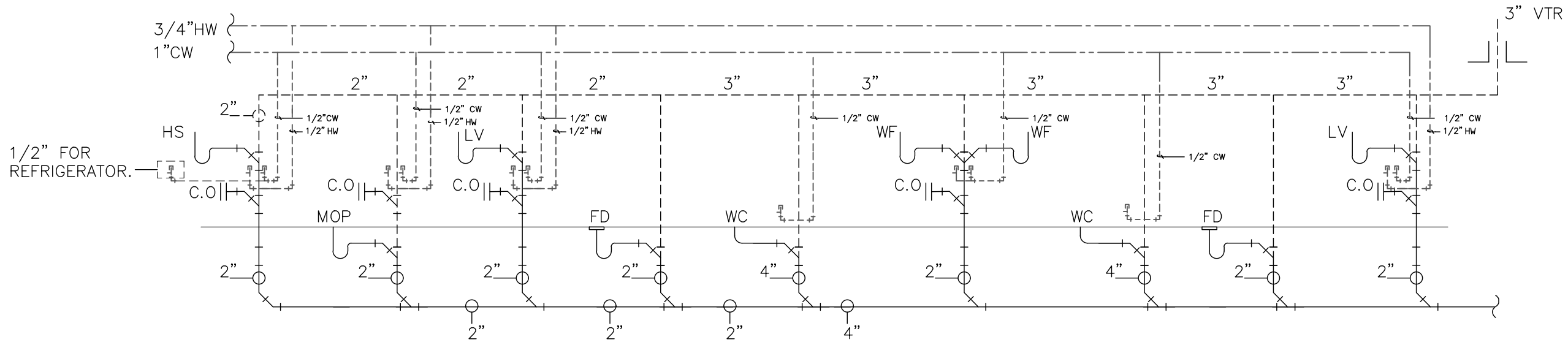
01 WASTE VENT FLOOR PLAN  
SCALE: 1/8" = 1'-0"

GENERAL NOTES			
A. ALL PLUMBING WORK SHALL COMPLY WITH CURRENT NATIONAL, STATE AND LOCAL PLUMBING CODES.			
B. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS OF INSTALLATIONS.			
C. ALL EXPOSED PIPING SHALL BE NEAT AND STRAIGHT WITH ESCUTCHEONS AT WALL PENETRATIONS.			
E. PROVIDE ALL NECESSARY SUPPLEMENTARY CLAMPS, BRACES, ETC. TO PROPERLY AND ADEQUATELY SUPPORT ALL PLUMBING DEVICES.			
F. WHERE PIPING PENETRATIONS A FIRE RATED ASSEMBLY, FIRE CAULK AND SEAL GAP WITH INTUMESCENT FIRESTOP SEALANT, HILTI FS-ONE OR APPROVED EQUAL.			
G. ALL PLUMBING WORKS SHALL BE TESTED, INSPECTED AND APPROVED BEFORE BEING COVERED AND CONCEALED AS REQUIRED.			
H. ALL WASTE/VENT PIPING SHALL BE SCHEDULE 40 PVC.			
I. ALL WATER PIPING SHALL BE TYPE "L" COPPER WITH LEAD FREE SOLDER (95/5).			
J. ALL WASTE AND VENT PIPING MATERIALS USED INCLUDING FITTINGS AND ACCESSORIES SHALL MEET ALL LOCAL CODE REQUIREMENTS.			
K. PROVIDE AIR GAP AT ALL INDIRECT WASTE DISCHARGE AS REQUIRED BY ALL LOCAL CODE.			
LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
---CW---	LAB COLD WATER	●	POINT OF CONNECTION
---HW---	LAB HOT WATER	○CS	CUP SINK
---SD---	SANITARY DRAIN & VENT	⌵	FAUCET
●	BALL VALVE	---	TURNED DOWN
⌵	CHECK VALVE	---	TURNED UP
⌵	FLOW METER	---HWS---	HOT WATER SUPPLY
---WCO---	WALL CLEAN-OUT	---HWR---	HOT WATER RETURN
□FD	FLOOR DRAIN	---RBP---	REDUCED PRESSURE BACKFLOW
□FS	FLOOR SINK	⌵	PRESSURE REDUCING VALVE
⌵	Y-STRAINER	○FCO	FLOOR CLEAN-OUT



TRAP PRIMER CONNECTION DETAIL  
SCALE: NONE

- KEY NOTES: ○
1. CONNECT TO EXISTING SANITARY
  2. NEW 3" VTR



02 WASTE VENT FLOOR PLAN  
SCALE: NTS

#### HVAC CONDENSATE NOTE:

PROVIDE INDIRECT CONDENSATE DRAIN TO MOP SINK FOR ALL CONDENSATE DRAINS OF THE HVAC SYSTEMS.

REVISIONS

DATE: 01/14/2022

DRAWN:

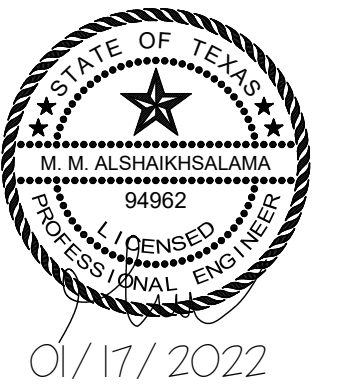
CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS, AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED FOR ANY PURPOSES NOT SPECIFICALLY AGREED TO IN WRITING BY THE ARCHITECT. ALL REPRODUCTIONS OF THE INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER MAY BE USED BY THE OWNER FOR ANY PURPOSES RELATED TO THE SUBJECT PROPERTY, BUT THE ARCHITECT MAKES NO WARRANTY, EXPRESS OR IMPLIED, THAT ANY CHANGES ARE MADE IN THE PLANS AND/OR SPECIFICATIONS BY THE OWNER OR PERSONS OTHER THAN THE ARCHITECT. ANY AND ALL LIABILITY ARISING OUT OF SUCH CHANGES SHALL BE THE FULL RESPONSIBILITY OF THE OWNER. THE ARCHITECT HAS GIVEN ARCHITECT PRIOR NOTICE AND HAS RESERVED ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

MEP BY  
ADVANCED A/C &  
ENGINEERING  
FIRM # 12949  
MURPHY TX 75094  
469-408-8885

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.LHOLDER3.COM  
4202 SPICEWOOD SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758



If this file has been transmitted electronically, the original is in the office of L. M. Holder III, FAIA. The electronic document was released by L. M. Holder III, FAIA for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, FAIA.

JOB NO. 3663

SHEET

P1-03

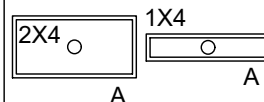





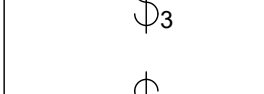
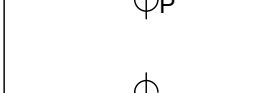
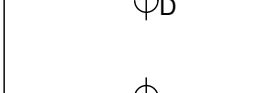

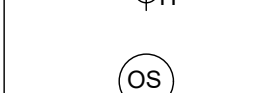


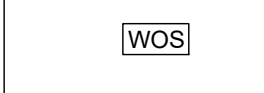
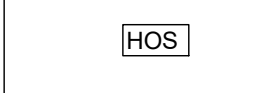
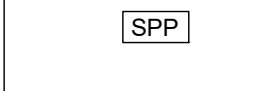
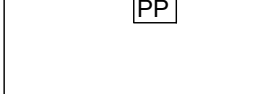
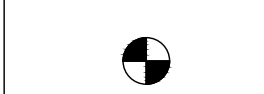
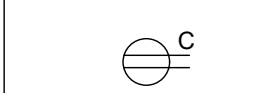
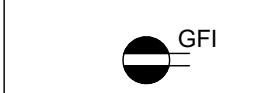
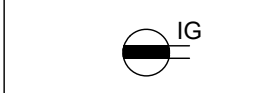
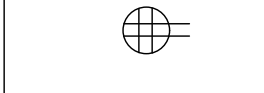



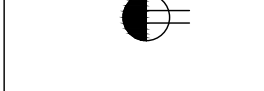



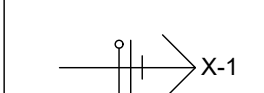


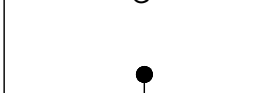
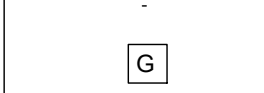



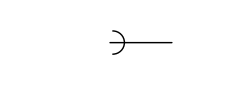
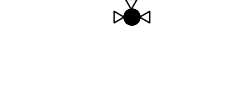
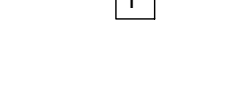

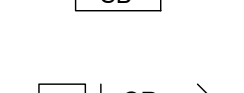

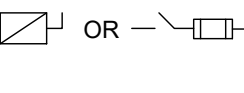
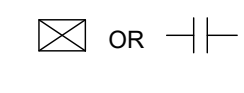
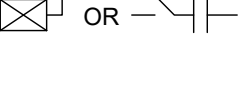

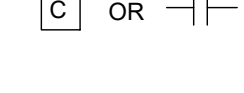
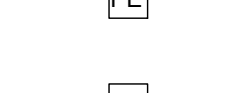
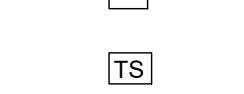



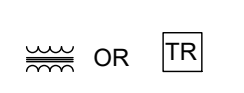
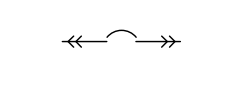
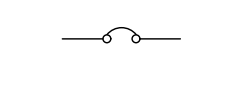
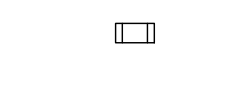
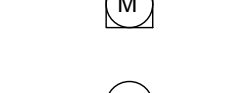
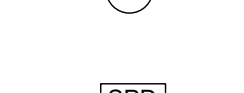
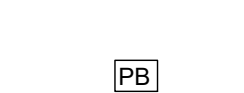

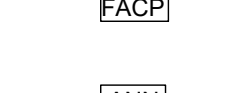
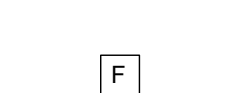



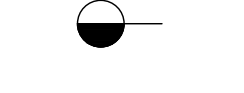
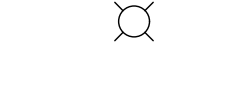
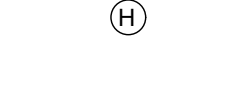


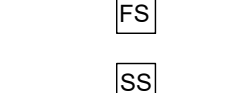
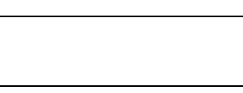

ABBREVIATIONS

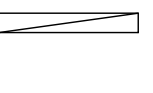





(NOTE: ALL ABBREVIATIONS SHOWN ARE NOT NESSARILY USED ON DRAWINGS.)		
A		
A	AMPERE	
ACN	AIR CURTAIN	
AFF	ABOVE FINISHED FLOOR	
AFG	ABOVE FINISHED GRADE	
AHU	AIR HANDLING UNIT	
AIC	AMPERE INTERRUPTING CAPACITY	
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	
AT	AMP TRIP	
ATS	AUTOMATIC TRANSFER SWITCH	
AWG	AMERICAN WIRE GAUGE	
B		
BFG	BELOW FINISHED GRADE	
BPS	BOLTED PRESSURE SWITCH	
C		
C	CONDUIT	
CA	COMPRESSED AIR	
CB	CIRCUIT BREAKER	
CCTV	CLOSED CIRCUIT TELEVISION	
CF	COMPACT FLUORESCENT	
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	
CKT	CIRCUIT	
CLG	CEILING	
CLK	CLOCK	
CTS	CURRENT TRANSFORMERS	
CU	CONDENSING UNIT OR COPPER	
CUH	CABINET UNIT HEATER	
D		
DBP	DUPLEX DOMESTIC BOOSTER PUMP	
DEMO	DEMOLITION	
DISC SW	DISCONNECT SWITCH	
DGP	DATA GATHERING PANEL	
E		
EA	EACH	
EC	EMPTY CONDUIT	
EDF	ELECTRIC DRINKING FOUNTAIN	
EF	EXHAUST FAN	
ELEC	ELECTRICAL	
EMT	ELECTRICAL METALLIC TUBING	
EPO	EMERGENCY POWER OFF	
EQUIP	EQUIPMENT	
EW1	ELECTRIC WATER COOLER	
EW2	ELECTRIC WATER HEATER	
EXIST	EXISTING	
EXP	EXPLOSION PROOF	
F		
FACP	FIRE ALARM CONTROL PANEL	
FCU	FAN COIL UNIT	
FLA	FULL LOAD AMPS	
FLUOR	FLUORESCENT	
FP	FIRE PUMP SYSTEM	
G		
GEC	GROUND ELECTRODE CONDUCTOR	
GEN	GENERATOR OR GENERAL	
GFI/GFCI	GROUND FAULT CIRCUIT INTERRUPTER	
GND	GROUND	
GRS	GALVANIZED RIGID STEEL	
H		
HID	HIGH INTENSITY DISCHARGE	
HPS	HIGH PRESSURE SODIUM	
I		
IDS	INTRUSION DETECTION SYSTEM	
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS	
IMC	INTERMEDIATE METAL CONDUIT	
INC	INCANDESCENT	
IPS	INTERRUPTIBLE POWER SUPPLY	
K		
KAIC	THOUSAND AMP INTERRUPTING CAPACITY RMS SYMMETRICAL	
KMIL	THOUSAND CIRCULAR MILS	
KVA	THOUSAND VOLT AMPERE	
KW	KILOWATT	

L		
LRA	LOCKED ROTOR AMPS	
LSI	LONG TIME/SHORT TIME/INSTANTANEOUS TRIP SETTINGS INCLUDING WITH CIRCUIT BREAKER	
LSIC	L T/S T/I TIGROUND FAULT TRIP SETTINGS INCLUDED WITH CIRCUIT BREAKER	
M		
MCA	MINIMUM CIRCUIT AMPERES	
MCB	MAIN CIRCUIT BREAKER	
MCC	MOTOR CONTROL CENTER	
MDP	MAIN DISTRIBUTION PANEL	
MFR	MANUFACTURER	
MH	METAL HALIDE	
MLO	MAIN LUGS ONLY	
MOCP	MAXIMUM OVERCURRENT PROTECTION	
MSB	MAIN SWITCHBOARD	
MTD	MOUNTED	
MTG HT	MOUNTING HEIGHT	
MV	MERCURY VAPOR	
N		
NC	NORMALLY CLOSED	
NEC	NATIONAL ELECTRICAL CODE	
NECA	NATIONAL ELECTRICAL CONTACTORS ASSOCIATION	
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION	
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	
NIC	NOT IN CONTRACT	
NL	NIGHT LIGHT	
NO	NUMBER OF NORMALLY OPEN	
NTS	NOT TO SCALE	
O		
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED	
OFOI	OWNER FURNISHED, OWNER INSTALLED	
P		
PH	PHASE	
PNL	PANELBOARD	
PTS	POTENTIAL TRANSFORMERS	
Q		
QTZ	QUARTZ	
R		
RCPT	RECEPTACLE	
REP	REPRESENTATIVE	
REQD	REQUIRED	
RLA	RUNNING LOAD AMPERES	
RTU	ROOF TOP UNIT	
S		
SC	SPLIT BRANCH CIRCUIT INDICATES REFERENCED BRANCH CIRCUIT HAS MORE THAN ONE HOMERUN DESIGNATION SHOWN	
SQ FT	SQUARE FEET	
T		
TEL	TELEPHONE	
TV	TELEVISION	
TYP	TYPICAL	
U		
UH	UNIT HEATER	
UON	UNLESS OTHERWISE NOTED	
UPS	UNINTERRUPTIBLE POWER SUPPLY	
V		
V	VOLT	
VA	VOLT AMPERE	
VARS	VARIABLE AIR VOLUME	
VFD/VSD	VARIABLE FREQUENCY/SPEED DRIVE	
W		
W	WIRE	
W/	WITH	
WPS	WITHOUT	
WP	WEATHERPROOF	
X		
XFMR	TRANSFORMER	
XMTR	TRANSMITTER	
WPER SW	TRANSFER SWITCH	
Z		
%Z	PERCENT IMPEDANCE	

LEGEND

(NOTE: ALL SYMBOLS SHOWN ARE NOT NECESSARILY USED ON DRAWINGS.)	
LIGHTING	
	LED OR FLUORESCENT LIGHT FIXTURE, LETTER(S) DENOTES TYPE.
	LED, FLUORESCENT, INCANDESCENT OR HID LIGHT FIXTURE, LETTER(S) DENOTES TYPE, BRACKET "L" WHEN USED INDICATES WALL MOUNTED.
	FIXTURE CONNECTED TO EMERGENCY LIGHTING CIRCUIT, OR EQUIPPED WITH BATTERY PACK.
	WIRELESS CONTROLLED LIGHT SWITCH. INSTALL 48" AFF UON.
	SINGLE POLE SWITCH, LETTER(S) DENOTES (TYPE, SWITCH), INSTALL 48" AFF UON.
	KEYED SINGLE POLE SWITCH, INSTALL 48" AFF UON.
	THREE-WAY SWITCH, INSTALL 48" AFF UON.
	SINGLE POLE SWITCH WITH PILOT LIGHT, LIGHTED WHEN "ON" UON, INSTALL 48" AFF UON.
	WIRELESS DIMMER SWITCH, INSTALL 48" AFF UON. (SMALL LETTER(S) DENOTES LIGHT FIXTURES TO BE CONTROLLED.)
	ONE HORSEPOWER MOTOR RATED TOGGLE SWITCH WITH CAPABILITY TO BE LOCKED IN THE "OFF" POSITION.
	30AMP TOGGLE DISCONNECT SWITCH LOCKABLE IN THE OFF POSITION. HUBBELL #HBL13790 OR EQUIVALENT
	WIRELESS OCCUPANCY SENSOR CEILING MOUNTED. SENSOR SWITCH CMR-PDT-9 OR EQUIVALENT
	WIRELESS OCCUPANCY SENSOR CEILING MOUNTED. SENSOR SWITCH CM-PDT-9-2P OR EQUIVALENT
	OCCUPANCY SENSOR WALL MOUNTED. INSTALL AT 48" AFF UON.
	WIRELESS OCCUPANCY SENSOR WALL MOUNTED. INSTALL 96" AFF, UON.
	WIRELESS HALLWAY OCCUPANCY SENSOR WALL MOUNTED. INSTALL 96" AFF, UON.
	SWITCH POWER PACK, ACUITY CONTROLS PP20-2P. INSTALL ABOVE CEILING.
	DIMMER POWER PACK. INSTALL ABOVE CEILING.
WIRING DEVICES	
	CEILING MOUNTED 50 CORD POWER DROP WITH TWIST LOCK RECEPTACLE AS NOTED ON THE DRAWINGS. RECEPTACLE 44" AFF.
	DUPLEX RECEPTACLE, NEMA 5-20R, (C" INDICATES CEILING MOUNTED), 18" AFF, UON.
	DUPLEX RECEPTACLE WITH INTERNAL GROUND FAULT PROTECTION, INSTALL 18" AFF, UON. (WP INDICATES WEATHERPROOF.)
	ISOLATED GROUND DUPLEX RECEPTACLE, INSTALL 18" AFF, UON.
	QUADRUPLEX RECEPTACLE, NEMA 5-20R. INSTALL 18" AFF, UON.
	WATER HEATER RECEPTACLE, 120 VOLT, NEMA L5-30R, INSTALL 18" AFF, UON.
	DUPLEX RECEPTACLE, NEMA 5-20R, INSTALLED IN A FLUSH FLOOR BOX.
	DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, INSTALLED IN A FLUSH FLOOR BOX.
	DUPLEX RECEPTACLE, NEMA 5-20R, HORIZONTAL MOUNTED 6" ABOVE COUNTER TOP, UON.
	COMBINATION RECEPTACLE AND TELE/DATA OUTLET INSTALLED IN FLUSH FLOOR BOX.
CONDUIT AND WIRE	
	CONDUIT RUN CONCEALED IN CEILING, WALL, FLOOR, OR ABOVE SUSPENDED CEILING.
	CONDUIT RUN IN OR BELOW SLAB OR GROUND.
	CIRCUIT HOMERUN TO PANEL, (X - 1) INDICATES PANELBOARD AND CIRCUIT BREAKER, LEFT TO RIGHT GROUND, HOT, HOT & NEUTRAL.
	SURFACE MOUNTED MULTI-OUTLET ASSEMBLY, 6" ABOVE COUNTER TIP, UON.
GROUNDING	
	GROUND CONDUCTOR. SIZE AS INDICATED.
	GROUND CONNECTION.
	GROUND BUSS AS NOTED ON DRAWINGS AND SPECIFICATIONS.

●	UTILITY POLE.
	DOWN GUY.
	TRANSFORMER POLE.
	PAD MOUNTED UTILITY SERVICE TRANSFORMER
DISTRIBUTION & CONTROLS	
	ELECTRICAL PANEL BOARD.
	ELECTRICAL SWITCHBOARD.
	NON-FUSED DISCONNECT SWITCH. 30A/3P NEMA 1 UON. 30A = SWITCH RATING, 3P = NO. OF POLES, NEMA 1 - ENCLOSURE STYLE.
	FUSED DISCONNECT SWITCH. 30/3P NEMA 1 UON. FUSE SIZE AS NOTED, 30A = SWITCH RATING, 3P = NO. OF POLES, NEMA 1 = ENCLOSURE STYLE.
	MAGNETIC MOTOR STARTER. SIZE 1, NEMA 1 UON.
	COMBINATION DISCONNECT AND MAGNETIC STARTER. SIZE 1, NEMA 1 UON.
	CONTROLLER PROVIDED WITH EQUIPMENT (HVAC, ELEVATOR, ETC.) INSTALLED BY DIVISION 16.
	CONTACTOR, RATING AND NO. OF POLES AS INDICATED.
	PHOTO-ELECTRIC SWITCH. INSTALLED WITH SENSOR ELEMENT FACING NORTH, FLUSH MOUNTED WHERE POSSIBLE, UON.
	TIME SWITCH.
	TRANSFER SWITCH.
	JUNCTION BOX.
	JUNCTION BOX, FLUSH, WALL MOUNTED AT 18" AFF, UON.
	MOTOR.
	MOTORIZED DAMPER.
	TRANSFORMER, RATING AS INDICATED.
	DRAW-OUT POWER CIRCUIT BREAKER, RATING AND NO. OF POLES, AS INDICATED.
	THERMAL AND/OR MAGNETIC CIRCUIT BREAKER, RATING AND NO. OF POLES AS INDICATED.
	FUSE, RATING AS INDICATED.
	UTILITY COMPANY REVENUE METER UON.
	EQUIPMENT CONNECTION. COORDINATE WITH MANUFACTURERS' REPRESENTATIVE.
	SURGE PROTECTION DEVICE.
	PULL BOX, SIZE PER NEC, UON.
FIRE ALARM SYSTEM	
	FIRE ALARM CONTROL PANEL.
	FIRE ALARM REMOTE ANNUNCIATOR.
	FIRE ALARM MANUAL STATION, INSTALL 48" AFF.
	FIRE ALARM MANUAL STATION, INSTALL 48" AFF WITH HORN/STROBE ABOVE.
	FIRE ALARM MANUAL STATION, INSTALL 48" AFF WITH STROBE ABOVE.
	FIRE ALARM AREA SMOKE DETECTOR, INSTALL ON CEILING UON. "F" INDICATES UNDER RAISED FLOOR.
	DUCT MOUNTED SMOKE DETECTOR.
	DUCT MOUNTED SMOKE DETECTOR REMOTE INDICATING SENSOR AND LIGHT, INSTALLED 54" AFF.
	FIRE ALARM FIXED-TEMPERATURE RATE-OF-RISE HEAT DETECTOR, 135 DEGREES C UON.
	FIRE ALARM AUDIO/VISUAL DEVICE, INSTALL 80" AFF, UON. "C" INDICATES CEILING MOUNTED.
	FIRE ALARM VISUAL DEVICE, INSTALL 80" AFF, UON. "C" INDICATES CEILING MOUNTED.
	SPRINKLER SYSTEM FLOW SWITCH.
	SPRINKLER SYSTEM SUPERVISORY SWITCH.

COMMUNICATIONS AND DATA	
	TELEPHONE TERMINAL BOARD, 4' X 8' X 3/4" THICK, UON.
	TELEPHONE OUTLET. INSTALL 18" AFF UON. 4" SQUARE BOX WITH A SINGLE DEVICE PLASTER RING AND 3/4" CONDUIT WITH PULLING LINE STUBBED OUT TO ABOVE NEAREST ACCESSIBLE CEILING.
	DATA OUTLET. INSTALLED 18" AFF UON. 4" SQUARE BOX WITH A SINGLE DEVICE PLASTER RING AND 3/4" CONDUIT WITH PULLING LINE STUBBED OUT TO ABOVE NEAREST ACCESSIBLE CEILING.
	COMBINATION TELEPHONE AND DATA OUTLET. INSTALL 18" AFF UON. 4" SQUARE BOX WITH A SINGLE DEVICE PLASTER RING AND 3/4" CONDUIT WITH PULLING LINE STUBBED OUT TO ABOVE NEAREST ACCESSIBLE CEILING.
	OUTLET AS DESCRIBED ABOVE, INSTALLED IN A FLUSH FLOOR BOX AS NOTED.
	OUTLET BOX WITH 3/4 CONDUIT WITH PULLING LINE STUBBED OUT TO ABOVE ACCESSIBLE CEILING FOR CATV INSTALL 96" AFF, UON.

REVISIONS

DATE: 01/14/2022

DRAWN:

CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS, AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE USED FOR ANY PURPOSES NOT SPECIFICALLY AGREED TO IN WRITING BY THE ARCHITECT. ALL REPRODUCTIONS OF THE INSTRUMENTS OF SERVICE SUPPLIED TO THE OWNER MAY BE USED BY THE OWNER FOR ANY PURPOSES RELATIVE TO THE PROJECT ONLY. ANY CHANGES MADE TO THE INSTRUMENTS OF SERVICE SHALL BE THE RESPONSIBILITY OF THE OWNER. THE ARCHITECT SHALL HAVE NO LIABILITY FOR ANY CHANGES MADE TO THE INSTRUMENTS OF SERVICE AFTER THE DATE OF THE ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

MEP BY  
ADVANCED A/C &  
ENGINEERING  
FIRM # 12949  
MURPHY TX 75094  
469-408-8885

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.LHOLDER3.COM  
4202 SPICEWOOD SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758



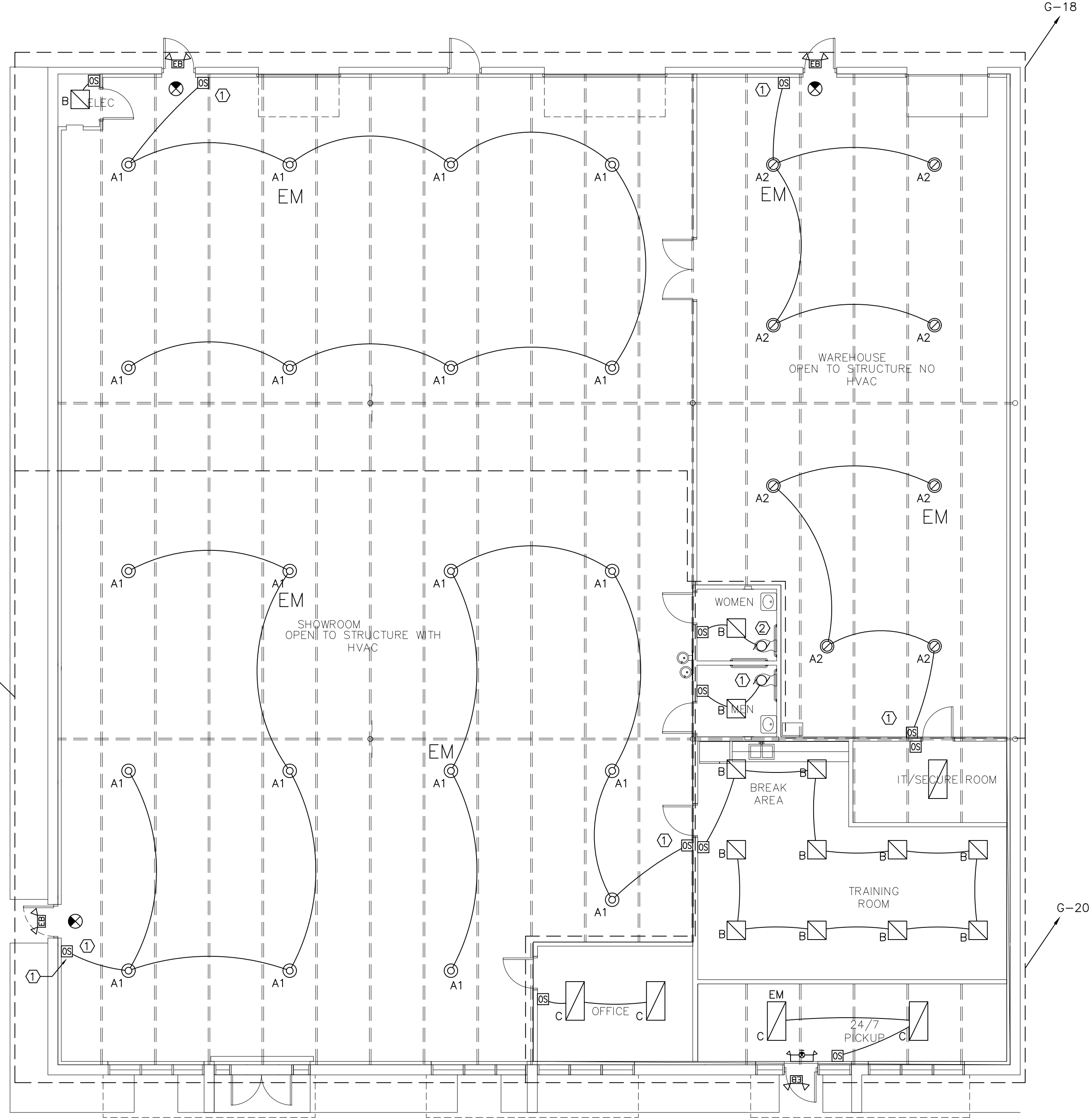
If this file has been transmitted electronically, the original is in the office of L. M. Holder III, FAIA. The electronic document was released by L. M. Holder III, FAIA for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, FAIA.

JOB NO. 3663

SHEET

E0-01

1



- KEY NOTES
1. IN SHOWROOM WAREHOUSE, OCCUPANCY SENSORS MUST AUTOMATICALLY REDUCE LIGHTING POWER BY AT LEAST 50% WHEN AREAS ARE UNOCCUPIED. EACH AISLE MUST BE SEPARATELY CONTROLLED.
  2. EXHAUST FAN WILL BE ON WITH LIGHT

LEGEND			
	120V RECEPTACLE NEMA# (5-20R) HUBBELL CATALOG NO. (BRY5362)		JUNCTION BOX.
	208V RECEPTACLE NEMA# (6-20R) UNLESS NOTED OTHERWISE		EMERGENCY LIGHT.
	NEW DATA WITH SINGLE GANG BOX AND 3/4" CONDUIT STUBBED 6" ABOVE CEILING. FEATHER EDGES.		INDICATES FUSED DISCONNECT SWITCH.
	INDICATES 3-#12 THHN IN 3/4" CONDUIT, 120V, 1 PHASE. DEDICATED CIRCUIT TO JBOX. EACH CIRCUIT SHALL HAVE A HOT, NEUTRAL, AND GROUND WIRE.		MOTOR STARTER
	INDICATES 3-#10 THHN IN 3/4" CONDUIT, 208V, 1 PHASE, 30 AMP. HOME RUN TO FEEDER PANEL. EACH CIRCUIT SHALL HAVE A HOT, HOT, AND GROUND WIRE.		EXIT SIGN
			NEW ELECTRICAL PANEL.
			OCCUPANCY SENSOR
			3-WAY SWITCH.

- | GENERAL NOTES                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------|
| A. ALL ELECTRICAL WORK SHALL COMPLY WITH THE CURRENT NATIONAL (NEC), STATE, AND LOCAL ELECTRICAL CODES.                     |
| B. ALL DATA JACKS AND RECEPTACLES SHALL BE MOUNTED AT 18" A.F.F., AND GFI RECEPTACLES AT 48" A.F.F. UNLESS NOTED OTHERWISE. |
| C. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MILL WORK, MECHANICAL, AND PLUMBING WORK BEFORE ANY RELATED ELECTRICAL WORK. |
| D. ELECTRICIAN & PLUMBER TO COORDINATE ALL ELECTRICAL AND PLUMBING ROUGH-INS WITH OWNER SUPPLIED EQUIPMENT CUT SHEET.       |

LIGHTING FIXTURE LEGEND							
SYMBOL	LABEL	QUANTITY	FIXTURE	MANUFACTURER	TYPE	WATTS	NOTES
	A1	20	COMPACT PRO HIGHBAY, 12000 LUMENS, STANDARD EFFICIENCY GLARE CONTROL LENS, WIDE DISTRIBUTION, 40K, 80CRI	LITHONIA	40K	78.95	@12'-0" A.F.F.
	A2	8	COMPACT PRO HIGHBAY, 9000 LUMENS, STANDARD EFFICIENCY GLARE CONTROL LENS, WIDE DISTRIBUTION, 40K, 80CRI	LITHONIA	40K	60.92	@12'-0" A.F.F. PROVIDE EMERGENCY PACK
	B	12	EPANL 2X2, 4800 NOMINAL LUMENS, 80 CRI, 3500K CCT	LITHONIA	3500K	35.69	@9'-0" A.F.F.
	C	5	EPANL 2X4, 4800 NOMINAL LUMENS, 80 CRI, 3500K CCT	LITHONIA	LED 4000K	45.17	@9'-0" A.F.F.
			EXISTING EXIT EMERGENCY SIGN AND LIGHT	LITHONIA	LED 4000K	29.85	
	EM		BATTERY BACKUP				
			EMERGENCY EXIT SIGN -WHITE				REFER TO GENERAL NOTES
			ELM2LF EMERGENCY LIGHT				
			SWITCH- TWO STAGE OR DIMMABLE OCCUPANCY SENSOR W/ MANUAL OVERRIDE DIMMABLE IN CONFERENCE ROOM				

## 01 LIGHTING FLOOR PLAN

SCALE: 1/8" = 1'-0"

REVISIONS  
1 03/28/2022

DATE: 01/14/2022  
DRAWN:  
CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS, AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE REPRODUCED FOR ANY PURPOSES NOT SPECIFICALLY AGREED TO IN WRITING BY THE ARCHITECT. ALL REVISIONS TO THE INSTRUMENTS OF SERVICE SHALL BE MADE BY THE ARCHITECT. ANY CHANGES MADE IN THE PLANS AND/OR SPECIFICATIONS BY THE OWNER OR PERSONS OTHER THAN THE ARCHITECT, ANY AND ALL LIABILITY ARISING OUT OF SUCH CHANGES SHALL BE THE FULL RESPONSIBILITY OF THE OWNER. L.M. HOLDER III, F.A.I.A. HAS GIVEN ARCHITECT PRIOR NOTICE AND HAS RESERVED ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

MEP BY  
ADVANCED A/C &  
ENGINEERING  
FIRM # 12949  
MURPHY TX 75094  
469-408-8885

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.LHOLDER3.COM  
4202 SPICEWOOD SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758

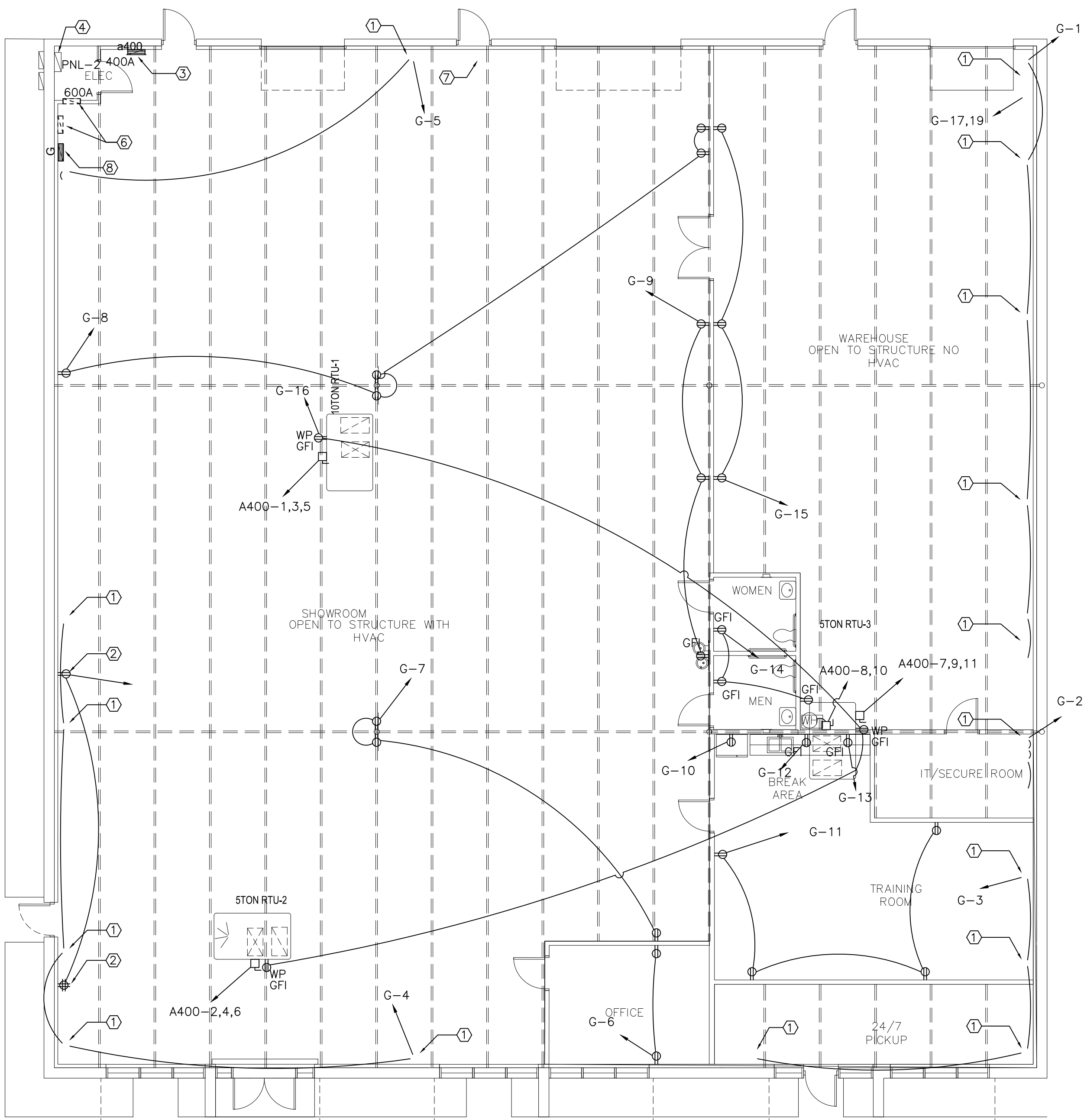


If this file has been transmitted electronically, the original is in the office of L. M. Holder III, F.A.I.A. The electronic document was released by L. M. Holder III, F.A.I.A. for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, F.A.I.A.

JOB NO. 3663

SHEET  
**E1-01**





## 01 POWER FLOOR PLAN

SCALE: 1/8" = 1'-0"

KEY NOTES

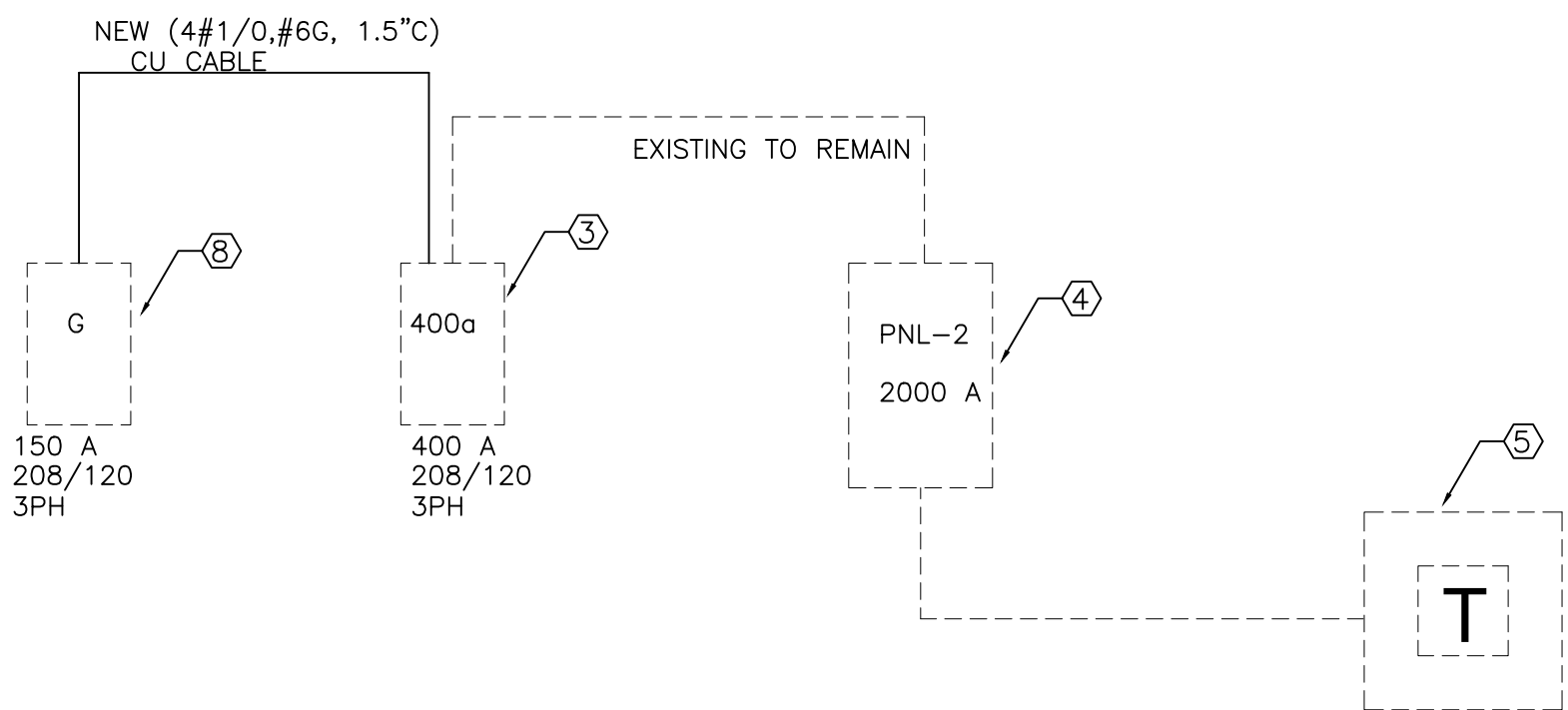
- EXISTING TO REMAIN AND CONNECTED TO PANEL PLA (TYPICAL)
- NEW RECEPTACLE CONNECT TO PANEL PLA (TYPICAL)
- EXISTING ELECTRICAL PANELS TO REMAIN. (TYPICAL)
- EXISTING MAIN SERVICE PANEL
- EXISTING TRANSFORMER
- DEMO EXISTING PANEL
- DEMO RECEPTACLE
- RECONNECT EXISTING PANEL TO EXISTING PANEL a400. FIELD VERIFY THE POSSIBILITY OF USING THE EXISTING 3PHASE 150 AMP BREAKER TO FEED a400.

### GENERAL NOTES

- A. ALL ELECTRICAL WORK SHALL COMPLY WITH THE CURRENT NATIONAL (NEC), STATE, AND LOCAL ELECTRICAL CODES.
- B. ALL DATA JACKS AND RECEPTACLES SHALL BE MOUNTED AT 18" A.F.F., AND GFI RECEPTACLES AT 48" A.F.F. UNLESS NOTED OTHERWISE.
- C. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MILL WORK, MECHANICAL, AND PLUMBING WORK BEFORE ANY RELATED ELECTRICAL WORK.
- D. ELECTRICIAN & PLUMBER TO COORDINATE ALL ELECTRICAL AND PLUMBING ROUGH-INS WITH OWNER SUPPLIED EQUIPMENT CUT SHEET.

PANEL a400													
VOLTAGE (L-N): 120				ENCLOSURE TYPE: ---									
VOLTAGE (L-L): 208				MOUNTING: RECESSED									
PHASES, WIRES: 3 4 W				AIC RATING (A): 22									
MINIMUM BUS CAPACITY (A): 400 A				NOTES: ---									
MAIN O.C. DEVICE (A): 400 A													
CKT NO	DESCRIPTION	TRIP AMPS	POLE	PHASE LOADS (VA)						POLE	TRIP AMPS	DESCRIPTION	CKT NO
				A		B		C					
1,3,5	RTU 10-TON	70	3	5880	3480					3	40	RTU 5-TON	2,4,6
1,3,5	RTU 10-TON	70	3			5880	3480					RTU 5-TON	2,4,6
1,3,5	RTU 10-TON	70	3					5880	3480	3	40	RTU 5-TON	2,4,6
7,9,11	RTU 5-TON	40	3	3480	2225					2	20	WATER HEATER	8,10
7,9,11	RTU 5-TON	40	3			3480	2225			2	20	WATER HEATER	8,10
7,9,11	RTU 5-TON	40	3					3480	0	1	20	Space	12
13	Space	20	1	0	0					1	20	Space	14
15	Space	20	1			0	0			1	20	Space	16
17	Space	20	1					0	0	1	20	Space	18
19	Space	20	1	0	0					1	20	Space	20
21	Space	20	1			0	0			1	20	Space	22
23	Space	20	1					0	0	1	20	Space	24
SFCB	PANEL PLA	150	3	8400	----					----	----		
SFCB	PANEL PLA	150	3			6240	----			----	----		
SFCB	PANEL PLA	150	3					5520					
CONNECTED LOAD PHASE TOTALS (VA)													
				23465		21305		18360					
CONNECTED LOAD (KVA)													
				DEMAND FACTOR		DEMAND LOAD (KVA)							
Equipment				4.5		1.00		4.5		DEMAND LOAD 68.0 KVA			
Cooling and Heating				20.9		1.00		20.9		SPARE CAPACITY 76.1 KVA			
Kitchen Equipment - Non-Dwelling Unit				2.4		1.00		2.4		SPARE CAPACITY 211.3 AMPS			
Lighting				4.5		1.25		5.6		53 %			
Heating				1.4		1.00		1.4		PHASE BALANCE			
Motors				0.5		1.00		0.5		A TO B 91%			
Motors (Largest)				17.6		1.25		22.1		B TO C 86 %			
Receptacles (0 - 10 KVA)				10.0		1.00		10.0		C TO A 78 %			
Receptacles (Over 10 KVA)				1.4		0.50		0.7					
TOTAL LOAD (AMPS):				63.1				68.0					
				175.2				188.7					

</



## 02 ELECTRICAL RISER

SCALE: NTS

REVISIONS

1 03/28/2022

DATE: 01/14/2022

DRAWN:

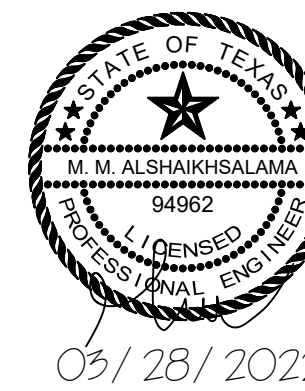
CHECKED:

ALL INSTRUMENTS OF SERVICE, INCLUDING ORIGINAL DRAWINGS, AND SPECIFICATIONS PREPARED BY THE ARCHITECT SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND MAY NOT BE REPRODUCED FOR ANY PURPOSES WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. ANY CHANGES MADE IN THE PLANS AND/OR SPECIFICATIONS BY THE OWNER OR PERSONS OTHER THAN THE ARCHITECT, ANY AND ALL LIABILITY ARISING OUT OF SUCH CHANGES SHALL BE THE FULL RESPONSIBILITY OF THE OWNER. THE ARCHITECT HAS GIVEN ARCHITECT PRIOR NOTICE AND HAS RESERVED ARCHITECT'S WRITTEN CONSENT FOR SUCH CHANGES.

MEP BY  
ADVANCED A/C &  
ENGINEERING  
FIRM # 12949  
MURPHY TX 75094  
469-408-8885

L.M.HOLDER III, F.A.I.A.  
ARCHITECTS PLANNERS ENERGY CONSULTANTS  
WWW.LHOLDER3.COM  
4202 SPICEMOOD SPRINGS RD. SUITE 214  
AUSTIN, TEXAS 78759 512-345-8817

ECD DISTRIBUTION AT  
LONGHORN  
3006 LONGHORN BLVD - SUITE 107  
AUSTIN, TEXAS 78758



If this file has been transmitted electronically, the original is in the office of L. M. Holder III, F.A.I.A. The electronic document was released by L. M. Holder III, F.A.I.A. for a specific use. No other use or modification may be made of this file without the written consent of L. M. Holder III, F.A.I.A.

JOB NO. 3663

SHEET

E1-02