MERAMEC AMBULANCE DISTRICT - STATION NO. 3

7390 STATE HIGHWAY O
ROBERTSVILLE, MO 63072

BIDDING / PERMIT DOCUMENTS 10/16/2026

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E301	LIGHTING CEILING PLAN	■			
E401	AUXILIARY FLOOR PLAN	■			

ARCHITECTURAL

ARCHIMAGES, INC
143 WEST CLINTON PLACE
SAINT LOUIS, MISSOURI 63122
T: 314-965-7445 F: 3114-965-7477
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MEP/FP

HORNER & SHIFRIN
401 D. 18TH ST, SUITE 400
ST. LOUIS, MO 63103
T: 314-531-4321
www.hornershifrin.com

OWNER REPRESENTATIVE

NAVIGATE BUILDING SOLUTIONS
8419 MANCHESTER ROAD
ST. LOUIS, MO 63144
T: 314-710-3040
www.navigatebuildingsolutions.com

OWNER

MERAMEC AMBULANCE

7390 STATE HIGHWAY O
ROBERTSVILLE, MO 63072

CODE INFORMATION

PROJECT ADDRESS

MERAMEC AMBULANCE
7390 STATE HIGHWAY O
ROBERTSVILLE, MO 63072

PROJECT LOCATION



STATE MAP

MO



STATE OF MISSOURI
ROY A. MANGAN
NUMBER A-6661
ARCHITECT
Roy A. Mangan 10/16/2026
MO Architect License No: A-6661
Expires: 12/31/2026

Archimages architecture | interiors
Archimages, Inc. # 000550
MO Architectural Corporation
143 West Clinton Place St. Louis, Missouri 63122
www.archimages-stl.com | p: [314] 965.7445 | f: [314] 965.7477

[Consultants]

Proposed: House 3 Renovations
MERAMEC AMBULANCE DISTRICT - STATION NO. 3
7390 STATE HIGHWAY O ROBERTSVILLE, MO 63072

No.	Date	Revision
	10/16/2026	BIDDING / PERMIT DOCUMENTS

COVER SHEET

Project No. 25083
Sheet No. G001
Date 10/16/2026

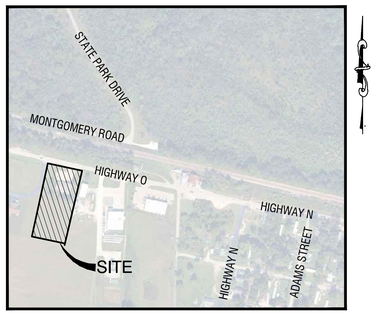
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PAVEMENT REPLACEMENT PLANS

for

MERAMEC AMBULANCE DISTRICT - STATION NO. 3

MERAMEC AMBULANCE DISTRICT STATION 3 LOT 301 HAYFIELD 3
SEC. 05, TOWNSHIP 42, RANGE 2 EAST
FRANKLIN COUNTY RECORDS
FRANKLIN COUNTY, MISSOURI



LOCATION MAP

N.T.S.

PROPERTY DATA

OWNER	= MERAMEC AMBULANCE DISTRICT
SITE ADDRESS	= 7390 HIGHWAY O ROBERTSVILLE, MISSOURI 63072
PARCEL #	= 20-3-05.0-0-013-038.370
SITE ACREAGE	= 2.02± AC
SCHOOL DISTRICT	= MERAMEC VALLEY R-III
ZONING	= "B" ZONING DISTRICT

UTILITIES & AGENCIES

ELECTRIC COMPANY = CRAWFORD ELECTRIC COOPERATIVE
10301 N SERVICE ROAD
BOURBON, MO 65441
PH. (573) 732-4415
ATTENTION: ENGINEERING

PHONE/CABLE = BRIGHTSPEED
PH: (833) 438-1594
CONTACT: NEW SERVICE/SUPPORT

HIGHWAY DEPARTMENT = JEFFERSON COUNTY HIGHWAY DEPARTMENT
400 E LOCUST
ROOM 003A
UNION, MO 63084
PH. (636) 583-6361
JIM GRUTSCH, HIGHWAY ADMINISTRATOR
JGRUTSCH@FRANKLINMO.GOV

SEWER COMPANY = CALVEY CREEK SEWER DISTRICT
7380 HIGHWAY O
ROBERTSVILLE, MO 63072
PH. (636) 257-9073
ATTENTION: ENGINEERING

WATER COMPANY = PUBLIC WATER DISTRICT NO. 3
150 OLG HWY 100
VILLA RIDGE, MO 63089
PH. (636) 742-5200
ATTENTION: ENGINEERING

FIRE DISTRICT = PACIFIC FIRE PROTECTION DISTRICT
910 WEST OSAGE STREET
PACIFIC, MO 63069
ATTN: FIRE CHIEF STEVE SAGEHORN
PH. (636) 257-3633

SHEET INDEX

C1 TITLE SHEET
C2 SPECIFICATIONS AND SITE DETAILS
C3 PAVEMENT REMOVAL AND REPLACEMENT PLAN

NOTE:
CIVIL ENGINEERING DESIGN CONSULTANTS, INC. AND THE UNDERSIGNED ENGINEER HAVE NO RESPONSIBILITY FOR SERVICES PROVIDED BY OTHERS TO IMPLEMENT THE IMPROVEMENTS SHOWN ON THIS PLAN AND ALL OTHER DRAWINGS WHERE THE UNDERSIGNED ENGINEER'S SEAL APPEARS. THE CONSTRUCTION MEANS, METHODS & MATERIALS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CIVIL ENGINEERING DESIGN CONSULTANTS, INC. HAS NO RESPONSIBILITY TO VERIFY FINAL IMPROVEMENTS AS SHOWN ON THIS PLAN UNLESS SPECIFICALLY ENGAGED AND AUTHORIZED TO DO SO BY THE OWNER OR CONTRACTOR.

UTILITY NOTE:
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS, RECORDS AND INFORMATION, AND , THEREFORE DO NOT NECESSARILY REFLECT THE ACTUAL EXISTENCE, NON-EXISTENCE, SIZE, TYPE, NUMBER, OR LOCATION OF THESE FACILITIES, STRUCTURES AND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION OF ALL UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS. THE UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY GRADING, EXCAVATION OR CONSTRUCTION OF IMPROVEMENTS. THESE PROVISIONS SHALL IN NO WAY ABSOLVE ANY PARTY FROM COMPLYING WITH THE UNDERGROUND FACILITY SAFETY AND DAMAGE PREVENTION ACT, CHAPTER 319 RSMo.

NOTE TO CONTRACTOR:
CONTRACTOR/SUBCONTRACTOR SHALL INVESTIGATE, ASCERTAIN AND CONFORM TO ANY AND ALL PERMIT REQUIREMENTS OF THE (ANY) VARIOUS AFFECTED UTILITY COMPANIES AND/OR REGULATORY AGENCIES WITH REGARDS TO MAKING CONNECTIONS TO, OR CROSSINGS OF THEIR FACILITIES; WORKING WITHIN THEIR RIGHT-OF-WAY OR EASEMENTS; INSPECTIONS AND ASSOCIATED MONETARY CHARGES; AND/OR SPECIAL BACKFILL REQUIREMENTS. SUCH INVESTIGATION TO INCLUDE BUT NOT LIMITED TO THE MAKING OF NECESSARY APPLICATIONS AND PAYMENTS OF ALL REQUIRED FEES.

THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS OR PROFILES ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR/SUBCONTRACTOR TO VERIFY THE FIELD LOCATIONS, ANTICIPATED CLEARANCES AND THE EXISTENCE OF ANY FACILITIES NOT SHOWN HEREON, AS PART OF THE INVESTIGATIONS IN THE PARAGRAPH ABOVE.

THE DEMOLITION PLAN IS FOR ILLUSTRATION OF THE GENERAL DEMOLITION ANTICIPATED FOR THIS PARTICULAR SITE. THE DEMOLITION PLAN DOES NOT REPRESENT ALL CONDITIONS THAT MAY BE ENCOUNTERED DURING DEMOLITION/CONSTRUCTION. THE CONTRACTOR SHALL MAKE HIMSELF THOROUGHLY FAMILIAR WITH THE SITE AND THE DEMOLITION/CONSTRUCTION REQUIREMENTS PRIOR TO BIDDING. THE INTENT OF THE DEMOLITION IS TO PROVIDE A CLEAN STABLE SITE, READY FOR CONSTRUCTION OF THE PROJECT IN CONFORMANCE WITH THE CONSTRUCTION PLANS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS THAT ARE IN KEEPING WITH THIS INTENT.

CITY APPROVAL OF ANY CONSTRUCTION SITE PLANS DOSE NOT MEAN THAT ANY BUILDING CAN BE CONSTRUCTED ON THE LOTS WITHOUT MEETING THE BUILDING SETBACKS AS REQUIRED BY THE ZONING CODES.

ALL INSTALLATIONS AND CONSTRUCTION SHALL CONFORM TO THE APPROVED ENGINEERING DRAWINGS. HOWEVER, IF THE DEVELOPER CHOOSES TO MAKE MINOR MODIFICATIONS IN DESIGN AND/OR SPECIFICATIONS DURING CONSTRUCTION, THEY SHALL MAKE SUCH CHANGES AT THEIR OWN RISK, WITHOUT ANY ASSURANCE THAT THE CITY ENGINEER WILL APPROVE THE COMPLETED INSTALLATION OR CONSTRUCTION.

IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO NOTIFY THE CITY ENGINEER OF ANY CHANGES FROM THE APPROVED DRAWINGS. THE DEVELOPER MAY BE REQUIRED TO CORRECT THE INSTALLED IMPROVEMENT SO AS TO CONFORM TO THE APPROVED ENGINEERING DRAWINGS. THE DEVELOPER MAY REQUEST A LETTER FROM THE CONSTRUCTION INSPECTION DIVISION REGARDING ANY FIELD CHANGES APPROVED BY THE CITY INSPECTOR.

LIGHTING VALUES WILL BE REVIEWED ON SITE PRIOR TO THE FINAL OCCUPANCY INSPECTION.

PREPARED FOR:
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143 WEST CLINTON PLACE
ST. LOUIS, MISSOURI 63122
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PREPARED BY:
CEDC CIVIL ENGINEERING DESIGN CONSULTANTS
10820 Sunset Office Drive
Suite 200
St. Louis, Missouri 63127
314.729.1400
Fax: 314.729.1404
www.cedc.net

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MISSOURI ONE-CALL SYSTEM, INC.

STATE OF MISSOURI
BRANDON ASHER HARP
NUMBER E-28650
PROFESSIONAL ENGINEER
10-16-2026

BRANDON A. HARP, P.E. E-28650
PROFESSIONAL ENGINEER
CEDC LICENSE NO.: 2003004674

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Proposed:
MERAMEC AMBULANCE DISTRICT - STATION NO. 3
7390 HIGHWAY O ROBERTSVILLE, MO 63072

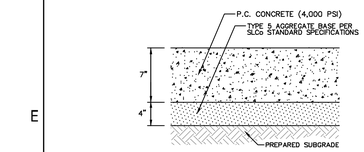
No.	Date	Revision
	10/16/26	Bidding / Permit Documents

TITLE SHEET

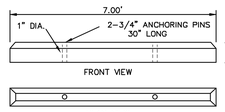
Project No.
CEDC 2620

C1

Date
10/16/2026

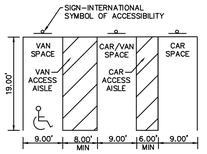


CONCRETE PAVEMENT DETAIL



CONCRETE WHEELSTOP

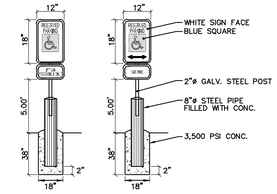
N.T.S.



NOTES:
1. ADA STALLS AND ACCESS AISLES SHALL BE 2% MAX. SLOPE IN ANY DIRECTION

TYPICAL PARKING STALLS

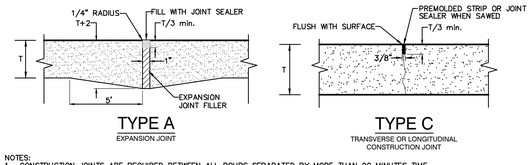
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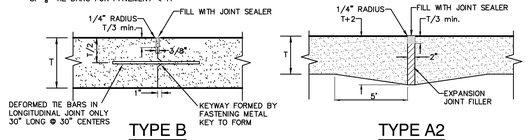
ACCESSIBLE PARKING SIGN

- STANDARD SIGN FACE, STANDARD HIGHWAY DEPARTMENT OR CITY STREET DEPARTMENT GAUGE
- LETTERS AND BORDERS ARE GREEN
- HANDICAP LOGO SQUARE IS BLUE
- SIGN FACE IS WHITE
- SET BOTTOM OF "FINE" SIGN 60" A.F.G.

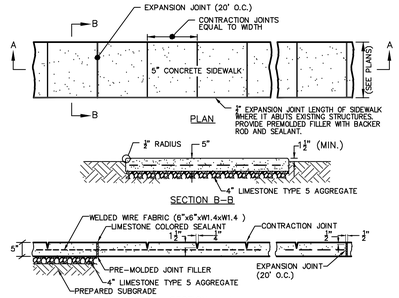
IF INSTALLED IN PARKING LOT



NOTES:
1. CONSTRUCTION JOINTS ARE REQUIRED BETWEEN ALL POURS SEPARATED BY MORE THAN 90 MINUTES TIME.
2. PLACE LONGITUDINAL CONSTRUCTION JOINT AT CENTERLINE OF ROADWAYS WHEN PAVEMENT IS WIDER THAN 12'.
3. MAXIMUM OF TWELVE FOOT (12) SPACING BETWEEN CONTROL JOINTS FOR 6" THICK PAVEMENT, FOURTEEN FEET (14') FOR 7" THICK PAVEMENT, SIXTEEN FEET (16') FOR 8" THICK PAVEMENT
4. FILL JOINTS TO WITHIN 1/8" OF SURFACE WITH JOINT SEALER.
5. JOINTS TO BE SEALED WITH LIMESTONE COLORED SEALANT.
6. WHEN A JOINT FALLS WITHIN 5' OF A MANHOLE, LIGHT POLE BASE, OR OTHER STRUCTURE, SHORTEN ONE OR MORE PANELS ON EITHER SIDE OF STRUCTURE TO ALLOW CONTROL JOINTS TO FALL AT STRUCTURE.
7. CONTRACTOR MAY SUBMIT ALTERNATE JOINTING PLAN TO ENGINEER FOR REVIEW.
8. #8 TIE BARS FOR PAVEMENT < 11"



PAVEMENT JOINTING



DETAIL OF CONCRETE SIDEWALK

(NOT FOR USE IN RIGHT-OF-WAY)

GENERAL NOTES

1.) NO UTILITIES HAVE BEEN LOCATED. THE CONTRACTOR HAS THE RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES, PRIOR TO CONSTRUCTION, TO HAVE EXISTING UTILITIES FIELD LOCATED. THE CONTRACTOR SHALL BE ON RECORD WITH THE MISSOURI ONE CALL SYSTEM. ALL PROPOSED UTILITIES SHALL BE UNDERGROUND.

2.) NO BOUNDARY OR TOPOGRAPHIC SURVEY PROVIDED.

3.) ALL ON-SITE MATERIALS AND METHODS OF CONSTRUCTION TO MEET THE CURRENT STANDARDS AND SPECIFICATIONS OF FRANKLIN COUNTY AND MODOT.

4.) ALL GRADED AREAS SHALL BE PROTECTED FROM EROSION BY EROSION CONTROL DEVICES AND/OR SEEDING AND MULCHING AS REQUIRED BY FRANKLIN COUNTY.

5.) PRIOR TO BEGINNING ANY WORK ON THE SITE, THE SUBCONTRACTOR SHALL CONTACT THE GENERAL CONTRACTOR FOR SPECIFIC INSTRUCTIONS RELEVANT TO THE SEQUENCING OF WORK.

6.) ALL FILLS AND BACKFILLS SHALL BE MADE OF SELECTED EARTH MATERIALS, FREE FROM BROKEN MASONRY, ROCK, FROZEN EARTH, RUBBISH, ORGANIC MATERIAL AND DEBRIS. ALL IMPORT SOILS TO BE PRE-APPROVED BY THE SOILS ENGINEER PRIOR TO IMPORT.

7.) CONTRACTOR SHALL KEEP EXISTING ROADWAYS CLEAN OF MUD AND DEBRIS AT ALL TIMES.

8.) ALL GRADING AND DRAINAGE TO BE IN CONFORMANCE WITH FRANKLIN COUNTY.

9.) REFER TO LANDSCAPE DRAWINGS FOR VEGETATION PROPOSED FOR ALL DISTURBED AREAS.

10.) SIDEWALKS, CURB RAMPS, RAMPS AND ACCESSIBLE PARKING SPACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT APPROVED "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES" (ADAAG) ALONG WITH THE REQUIRED GRADES, CONSTRUCTION MATERIALS, SPECIFICATIONS AND SIGNAGE. IF ANY CONFLICT OCCURS BETWEEN THE ADAA GUIDELINES AND THE INFORMATION ON THE PLANS, THE ADAA GUIDELINES SHALL TAKE PRECEDENCE AND THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER PRIOR TO ANY CONSTRUCTION.

11.) NO GRADE SHALL EXCEED 3:1 SLOPE UNLESS APPROVED BY GEOTECHNICAL ENGINEER

12.) ALL LANDSCAPED AREAS TO BE FILLED WITH A MINIMUM OF 6" OF CLEAN TOPSOIL. TOPSOIL REQUIRED TO BE APPROVED BY THE SOILS ENGINEER PRIOR TO IMPORT AND PLACEMENT.

13.) ALL LANDSCAPED AREAS DISTURBED BY OFF-SITE WORK IN RIGHT OF WAY SHALL BE IMMEDIATELY SEEDED OR SODDED AS DIRECTED BY MODOT.

14.) ADEQUATE TEMPORARY OFF-STREET PARKING FOR CONSTRUCTION EMPLOYEES SHALL BE PROVIDED. PARKING ON NON-SURFACED AREAS SHALL BE PROHIBITED IN ORDER TO ELIMINATE THE CONDITION WHEREBY MUD FROM CONSTRUCTION AND EMPLOYEES' VEHICLES IS TRACKED ONTO THE PAVEMENT CAUSING HAZARDOUS ROADWAY AND DRIVEWAY CONDITIONS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS CLEAN OF DEBRIS AT ALL TIMES.

15.) SAFETY NOTICE TO CONTRACTOR PRACTICES: THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

16.) ALL PUBLIC ROADS MUST BE KEPT CLEAR OF MUD AND DEBRIS AT ALL TIMES. FAILURE TO DO SO WILL BE CAUSE FOR THE CITY TO SUSPEND WORK.

17.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RAZING AND REMOVAL OF EXISTING STRUCTURES, INCLUDING FOUNDATIONS, RELATED UTILITIES, PAVING, UNDERGROUND FACILITIES AND ANY OTHER EXISTING IMPROVEMENTS.

18.) THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO ADJACENT PROPERTIES DURING ALL PHASES OF THE CONSTRUCTION.

19.) ALL WORK SHALL BE BE COORDINATED WITH THE OWNER'S GEOTECHNICAL TESTING AGENCY.

20.) THIS DEVELOPMENT SHALL COMPLY WITH ALL CONDITIONS AS SET FORTH IN THE ORDINANCES BY FRANKLIN COUNTY AND THE STATE OF MISSOURI.

25083 Meramec Ambulance District -
New Construction 32 13 13 - 1 Concrete Paving

PART 1 GENERAL
1.01 RELATED DOCUMENTS
A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to work of this section.
1.02 SUMMARY
A. Extent of portland cement concrete paving is shown on Drawings, including curbs, gutters, walkways, and pavement.
1. Related Sections: The following sections contain requirements that relate to this Section.
2. Section 31 22 00 – "Grading" for subbase preparation.
3. Section 33 41 11 – "Storm Utility Drainage Piping" for drainage structures and underdrains.
1.03 SUBMITTALS
A. Shop Drawings: Layout of concrete pavement scare lines and expansion joints.
B. Test Reports: All test reports required by this section and referenced related sections.
C. Certification: Written "Certificate of Compliance", signed by Contractor, that all concrete paving and curb materials and products, to be used on this project will comply with Standards referenced in the Specifications.
1.04 QUALITY ASSURANCE
A. Codes and Standards: Comply with local codes if more stringent than herein specified. Comply with State Department of Transportation's standard specifications, except as otherwise specified herein.
B. Do not change source of brands of cement and aggregate materials during course of the work.
C. Maintain accurate field records of time, date of placing, curing and removal of forms for concrete work in each portion of the work.
1.05 DELIVERY, STORAGE AND HANDLING
A. Store decorative exposed aggregate in segregated area to prevent mixing with foreign materials.
B. Deliver curing materials, admixtures, and retarders in manufacturer's standard, unopened containers with labels legible and intact. Store and protect from freezing and damage.
1.06 PROJECT CONDITIONS
A. Establish and maintain required lines and grade elevations.
B. Do not install concrete work over wet, saturated, muddy or frozen subgrade.
C. Protect adjacent work.
D. Provide temporary barricades, warning lights and signs as required for protection of work and public safety.
1.07 COOPERATION
A. Examine Drawings and Specifications for all Contracts, to determine nature of proposed construction. Perform work to conform with construction called for in such a manner as not to interfere or delay work of other Contractors.

PART 2 PRODUCTS
2.01 MATERIALS
A. Forms: Steel, wood, or other suitable material of sufficient size and strength to resist movement during concrete placement and to retain horizontal and vertical alignment until removed. Use straight forms, free of distortion, defects and of height equal to full depth of concrete work.
1. Use flexible spring steel forms or laminated boards to form radius bends as required.
B. Coat forms with a nonstaining form release agent that will not discolor or deface surface of concrete.
C. Welded Wire Mesh: Welded plain cold-drawn steel wire fabric, ASTM A 185. Refer to Division 3 Section "Concrete Reinforcing".
1. Furnish in flat sheets, not rolls, unless otherwise acceptable to Architect.
D. Joint Dowel Bars: Plain steel bars, ASTM A 615,Grade 60. Cut bars true to length with ends square and free of burrs.
E. Hook Bolts: ASTM A 307, Grade A bolts, internally and externally threaded. Design hook bolt joint assembly to hold coupling against pavement form and in position during concreting operations, and to permit removal without damage to concrete or hook bolt.
F. Concrete Materials: Comply with requirements of applicable Division 3 sections for concrete materials, admixtures, bonding materials, curing materials, and others as required.
1. Minimum compressive strength of 4000 psi at 28 days, 6 percent (plus or minus 1 percent) air entrained unless otherwise indicated.
G. Expansion Joint Materials: Comply with requirements of the following for preformed expansion joint fillers and sealers:
1. Fillers: Preformed expansion joint fillers conforming to ASTM D-1752, 1/2" thickness. Filler material(s) selected must be compatible with sealant(s) to be used when applicable, and suitable for intended use.
2. Sealants: Meeting requirements of ASTM C920, Type M, Grade P or NS as required by application, Class 25, Use T, Color: gray, unless otherwise indicated.
H. Antispalling Compound: Combination of boiled linseed oil and mineral spirits, complying with AASHTO M-233.
I. Liquid-Membrane Forming and Sealing Curing Compound: Comply with ASTM C 309, Type I, Class A unless other type acceptable to Architect. Mixture loss no more than 0.055 gr./sq. cm. when applied at 200 sq. ft./gal.
1. Available Products: Subject to compliance with requirements, products which may be incorporated in the work include, but are not limited to, the following:
a. "Masterseal"; Master of Builders.
b. "A-H 3 Way Sealer"; Anti-Hydro Waterproofing Co.
c. "Ecocure"; Euclid Chemical Co.
d. "Clear Seal"; A.C. Horn.
e. "J-20 Acrylic Cure"; Dayton Superior.
f. "Sure Cure"; Kaufman Products Inc.
g. "AR-30"; W.R. Meadows.
h. "Sparton-Cote"; The Burke Co.
i. "Sealkure"; Toch Div. – Carboline.
j. "Kure-N-Seal"; Sonneborn-Contech.
k. "Polyclear"; Upco Chemical/USM Corp.
l. "L&M Cure; L & M Construction Chemicals.
m. "Klearseal"; Setcon Industries.
n. "LR-152; Protex Industries.
o. "Hardtop"; Gifford – Hill.
J. Bonding Compound: Polyvinyl acetate or acrylic base, rewettable type.
1. Products: Subject to compliance with requirements, provide one of the following:
a. "J-40 Bonding Agent"; Dayton Superior Corp.
b. "Weldcrete"; Larsen Products.
c. "Intralok"; W.R. Meadows.
d. "Everbond"; L & M Contruction Chemicals.
e. "Eucoweld"; Euclid Chemical Co.
f. "Hornweld"; A. C. Horn.
g. "Sonocrete"; Sonneborn-Contech.
h. "Acrylic Bondcrete"; The Burke Co.
K. Epoxy Adhesive: ASTM C 881, 2-component material suitable for use on dry or damp surfaces. Provide material "Type", "Grade", and "Class" to suit project requirements.
1. Available Products: Subject to compliance with requirements, products which may be incorporated in the work, include, but are not limited to the following:
a. "Epoxtite", A. C. Horn.
b. "Edoco 2118 Epoxy Adhesive"; Edoco Technical Prod.
c. "Sikadur Hi-Mod"; Sika Chemical Co.
d. "Euco Epoxy 463 or 615"; Euclid Chemical Co.
e. "Patch and bond Epoxy"; The burke Co.
f. "Sure-Poxy"; Kaufman Products Inc.

PART 3 EXECUTION
3.01 SUBGRADE PREPARATION: REFER TO SECTION "EARTHWORK".
3.02 FOUNDATION COURSE PLACEMENT: PAVEMENT AND WALKS/PADS
A. Place and roll in accordance Missouri Department of Transportation Standards.
B. Place on dry subgrade in lifts from minimum 6" to maximum 12" for pavement, maximum 6" lifts for walks. Remove all subgrade material churned or mixed with foundation course and replace as necessary at Contractor's expense.
C. Compaction for foundation course shall be 100 percent of standard proctor maximum density.
D. Grades for foundation course shall be ± .25" of required grades.
3.03 FORM CONSTRUCTION
A. Set forms to required grades and lines, braced and secured. Install forms to allow continuous progress of work and so that forms can remain in place at least 24 hours after concrete placement.
1. Check completed form work for grade and alignment to following tolerances:
a. Top of forms not more than 1/8 inch in 10 feet.
b. Vertical face on longitudinal axis, not more than 1/4 inch in 10 feet.
2. Clean forms after each use and coat with form release agent as required to ensure separation from concrete without damage.
3.04 REINFORCEMENT
A. Locate, place, and support reinforcement as specified in Division 3 sections, unless otherwise indicated.
1. Install slip bars at all expansion joints.
3.05 CONCRETE PLACEMENT
A. General: Comply with requirements of Division 3 sections for mixing and placing concrete, and as herein specified.
B. Do not place concrete until subbase and forms have been checked for line and grade. Moisten subbase if required to provide a uniform dampened condition at time concrete is placed. Do not place concrete around manholes or other structures until they are at required finish elevation and alignment.
C. Place concrete by methods that prevent segregation of mix. Consolidate concrete along face of forms and adjacent to transverse joints with internal vibrator. Keep vibrator away from joint assemblies, reinforcement, or side forms. Use only square-faced shovels for hand-spreading and consolidation. Consolidate with care to prevent dislocation of reinforcing, dowels, and joint devices.
D. Use bonding agent at locations where fresh concrete is placed against hardened or partially hardened concrete surfaces.
E. Deposit and spread concrete in a continuous operation between transverse joints as far as possible. If interrupted for more than 1/2 hour, place a construction joint.
3.06 JOINTS
A. General: Construct expansion, weakened-plane (contraction), and construction joints true to line with face perpendicular to surface of concrete. Construct transverse joints at right angles to the center line, unless otherwise indicated.
1. When joining existing structures, place transverse joints to align with previously placed joints, unless otherwise indicated.
B. Weakened-Plane (Contraction) Joints: Provide weakened-plane (contraction) joints, sectioning concrete into areas as shown on drawings. Construct weakened-plane joints for a depth equal to at least 1/4 concrete thickness, as follows:
1. Tooled Joints: Form weakened-plane joints in fresh concrete by grooving top portion with a recommended cutting tool and finishing edges with a jointer.
2. Sawed Joints: Form weakened-plane joints with powered saws equipped with shatterproof abrasive or diamond-rimmed blades. Cut joints into hardened concrete as soon as surface will not be torn, abraded, or otherwise damaged by cutting action.
3. Inserts: Use embedded strips of metal or sealed wood to form weakened-plane joints. Set strips into plastic concrete and carefully remove strips after concrete has hardened.
C. Walks/Pads: Score joints at approximately 5 ft. on center or matching width of walk, unless otherwise noted on Plans. Use tool that produces "V" joint not over 1/4" wide.
D. Concrete Curbs: Score joints at approximately 5 ft. on center matching, as closely as possible, abutting walk joints. Use tool that produces "V" joint not over 1/4" wide.
E. Construction Joints: Place construction joints at end of placements and at locations where placement operations are stopped for more than 1/2 hour, except where such placements terminate at expansion joints.
1. Construct joints as shown or, if not shown, use standard metal keyway-section forms.
2. Where load transfer-slip dowel devices are used, install so that one end of each dowel bar is free to move.
F. Expansion Joints: Provide pre-molded joint filler for expansion joints abutting concrete curbs, catch basins, manholes, inlets, structures, walks, and other fixed objects, unless otherwise indicated.
1. Locate expansion joints in step construction where indicated on Drawings.
2. Locate expansion joints at maximum intervals of 15 ft. on center and at all beginnings and ends of radius at curbs. Match abutting walk expansion joints as much as possible.
3. Locate expansion joints at a maximum of every 225 sq. ft. of drive/pads with a minimum dimension one way between joints of 10 lin. ft.
4. Locate expansion joints at a maximum of 150 sq. ft. of walks/pads, except that maximum dimensions between joints in a linear walk to be no more than 15 ft.
G. Extend joint fillers full width and depth of joint, not less than 1/2 inch or more than 1 inch below finished surface where joint sealer is indicated. If no joint sealer, place top of joint filler flush with finished concrete surface.
H. Furnish joint fillers in one-piece lengths for full width being placed wherever possible. Where more than one length is required, lace or clip joint filler sections together.
I. Protect top edge of joint filler during concrete placement with a metal cap or other temporary material. Remove protection after concrete has been placed on both sides of joint.
J. Fill joint, with sealant, flush with top surfaces and tool concave, unless otherwise indicated.
K. Fillers and Sealants: Comply with requirements of applicable Division 7 sections for preparation of joints, materials, installation, and performance.
3.07 FIELD QUALITY CONTROL
A. Provide field quality control testing and inspection during concrete operations.
B. Contractor shall provide adequate notice, cooperate with, provide access to the work, obtain samples, and assist test agency and their representatives in execution of their function.
C. Testing
1. Provide slump test on first load of concrete delivered each day and whenever requested due to changes in consistency or appearance of concrete.
2. Provide air indicator tests and air meter tests for all air-entrained concrete.
a. Perform air indicator test with a "Chase" AE 35 or equal air indicator, and air meter test in accordance with ASTM C231 or C173. Test first load of concrete delivered each day.
b. Furnish copies of field records and test reports as listed for strength tests.
3. Strength testing:
a. Provide 1 set of 3 test specimens for each 50 cu. yd. placed in any one day. Secure samples in accordance with ASTM C172 and mold specimens in accordance with ASTM C31.
b. Test 1 specimen at 7 days and 2 specimens at 28 days in accordance with ASTM C39.
c. Furnish copies of field records and test reports as follows:
(1) 2 copies to Architect
(2) 1 copy to Contractor
(3) 1 copy to Ready Mix Supplier
(4) 1 copy to Engineer
d. Record the exact location of the concrete in the work represented by each set of cylinders and show on test reports.
e. Provide an insulated moist box for protection of the test cylinders until shipped to the laboratory.
D. Finishing and Sealing – See Division 3. Screed to grade and wood float, edge all sides, fine broom finish (except where otherwise indicated) and seal.
3.08 CONCRETE FINISHING
A. After striking-off and consolidating concrete, smooth surface by screeding and floating. Use hand methods only where mechanical floating is not possible. adjust floating to compact surface and produce uniform texture.
B. After floating, test surface for trueness with a 10-ft. straightedge. Distribute concrete as required to remove surface irregularities, and refloat repaired areas to provide a continuous smooth finish.
C. Work edges of slabs, gutters, back top edge of curb, and formed joints with an edging tool, and round to 1/2-inch radius, unless otherwise indicated. Eliminate tool marks on concrete surface.
D. After completion of floating and when excess moisture or surface sheen has disappeared, complete troweling and finish surface as follows:
1. At flat work to receive a fine broom finish by drawing a fine-hair broom across concrete surface perpendicular to line of traffic. Repeat operation if required to provide a fine line texture acceptable to Architect.
a. On inclined slab surfaces, provide a coarse, non-slip finish by scoring surface with a stiff-bristled broom perpendicular to line of traffic.
2. Burlap finish by dragging a seamless strip of damp burlap across concrete, perpendicular to line of traffic. Repeat operation to provide a gritty texture acceptable to Architect.
3.09 CURING
A. Protect and cure finished concrete paving in compliance with applicable requirements of Division 3 sections. Use membrane-forming curing and sealing compound or approved moist-curing methods.
B. Antispalling Treatment: Apply treatment where required to concrete surfaces no sooner than 28 days after placement, to clean, dry concrete free of oil, dirt, and other foreign material. Apply curing and sealing compound at a maximum coverage rate of 300 s.f. per gallon. Apply antispalling compound in 2 sprayed applications. First application at rate of 40 sq. yds. per gal.; second application, 60 sq. yds. per gallon. Allow complete drying between applications.
3.10 PAINTING OF PAVEMENT MARKINGS
A. Over clean, dry bituminous pavement, following application and curing of sealer, apply parking line stripes and other pavement markings as indicated, per manufacturer's recommendations.
B. Apply by brush or zone marking equipment, one coat.
3.11 REPAIRS AND PROTECTIONS
A. Repair or replace broken or defective concrete, as directed by Architect.
B. Drill test cores where directed by Architect when necessary to determine magnitude of cracks or defective areas. Fill drilled core holes in satisfactory pavement areas with portland cement concrete bonded to pavement with epoxy adhesive.
C. Protect concrete from damage until acceptance of work. Exclude traffic from pavement for at least 14 days after placement. When construction traffic is permitted, maintain pavement as clean as possible by removing surface stains and spillage of material as they occur.
D. Sweep concrete pavement and wash free of stains, discolorations, dirt, and other foreign material just before final inspection.

END OF SECTION

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No.	Date	Revision
	10/16/2026	Bidding / Permit Documents

SPECIFICATIONS AND SITE DETAILS

Project No.
CEDC 2620

C2

Date
10/16/2026



PAVEMENT REMOVAL PLAN

GRAPHIC SCALE

10 0 5 10 20

(IN FEET)
1 inch = 10 ft.

NOTE:

1. MoDOT PERMIT REQUIRED FOR ALL WORK IN HIGHWAY O RIGHT-OF-WAY

LEGEND

CONCRETE PAVEMENT TO BE REMOVED

CONCRETE PAVEMENT



NOTE:
CAULK ALL CONCRETE JOINTS/CRACKS W/LIMESTONE COLORED SEALANT

PAVEMENT REPLACEMENT PLAN

PREPARED BY:

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PAVEMENT REMOVAL AND REPLACEMENT PLAN

Project No.
CEDC 2620

C3

Date
10/16/2026

SCALE: 3" = 1'-0"
SCALE: 1 1/2" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 3/8" = 1'-0"
SCALE: 1/4" = 1'-0"
SCALE: 1/8" = 1'-0"
SCALE: 3/32" = 1'-0"
SCALE: 1/16" = 1'-0"

ARCHITECTURAL ABBREVIATIONS

A

&	AND
<	ANGLE
@	AT
AACP	ACOUSTICAL CEILING PANEL
AB	ANCHOR BOLT
ACCS PL	ACCESS PANEL
ACOUS, ACS	ACOUSTIC(AL)
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN, ADHESIVE
ADDL	ADDITIONAL
ADJ	ADJUSTABLE, ADJACENT
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AFS	ABOVE FINISH SLAB
AGGRE	AGGREGATE
ALT	ALTERNATE
ALUM, AL	ALUMINIMUM
AND	ANODIZED
APPROX	APPROXIMAGE(LY)
ARCH	ARCHITECT(URAL)
ASPH	ASPHALT
AVG	AVERAGE

B

BB	BULLETIN BOARD
BD	BOARD
BITUM	BITUMINOUS
BLDG	BUILDING
BLK, BLKG	BLOCK, BLOCKING
BM	BENCHMARK
BMD	BOTTOM OF METAL DECK
BO	BOTTOM OF, BY OTHERS
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BRG	BEARING
BSMT	BASEMENT
BTWN	BETWEEN
BUR	BUILT UP ROOFING SYSTEM

C

[	CHANNEL
CAB	CABINET
CB	CATCH BASIN
CCR	CARD CONTROL READER
CCT	CUBICLE CURTIAN TRACK
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT, CEMENTITIOUS
CER	CERAMIC
CFCI	CONTRACTOR FURNISHED-CONTRACTOR INSTALLED
CG	CORNER GUARD
CH BD	CHALKBOARD
CI	CAST IRON
CJ	CONTROL JOINT
CL, ℄	CENTER LINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRUGATED, CORRIDOR
CPT	CARPET
CRSC	COLD ROLLED STEEL CHANNEL
CSK	COUNTERSUNK
CSP	COMBINATION STANDPIPE
CSWK	CASEWORK
CT	CERAMIC TILE
CU	CUBIC
CW	COLD WATER

D

D	DEPTH
DBL	DOUBLE
DBL ACT	DOUBLE ACTING
DEG	DEGREE
DEMO	DEMOLISH
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFUSER
DIM	DIMENSION
DIM PT	DIMENTION POINT
DISP	DISPENSER
DIST	DISTANCE
DK	DECK
DN	DOWN
DR	DRAIN, DOOR
DS	DOWNSPOUT
DSP	DRY STANDPIPE
DT	DRAPERY TRACK
DTL	DETAIL
DW	DISHWASHER
DWG, DWGS	DRAWING, DRAWINGS

E

E	EAST
EA	EACH
EDR	EQUIMPENT DRAWING
EG	EDGE GUARD
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELAST	ELASTOMERIC
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENCL	ENCLOSURE
EMER	EMERGENCY
ENGR	ENGINEER
EOS	EDGE OF SLAB
EP	ELECTRICAL PANEL
EPB	ELECTRICAL PANEL BOARD
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQLS P	EQUALLY SPACED
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
ESCAL	ESCALATOR
EST	ESTIMATE(D)
EWC	ELECTRIC WATER COOLER
EXC	EXCAVATED
EXH	EXHAUST
EXIST, (E)	EXISTING
EXP	EXPANSION JOINT
EXT	EXTERIOR
EX-BR	EXISTING BRICK

F

F	FACE TO FACE
FA	FIRE ALARM
FAS	FIRE ALARM STATION
FB	FLAT BAR
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FEC	FIRE EXTINGUISHER CABINET
FE	FIRE EXTINGUISHER
FF	FINISH FACE
FG	FINISH GRADE
FHC	FIRE HOSE CABINET
FH/FEC	FIRE HOSE / FIRE EXTINGUISHER CABINET
FHMS	FLAT HEAD MACHINE SCREW
FHWS	FLAT HEAD WOOD SCREW
FHY	FIRE HYDRANT
FIN	FINISH, FINISHED
FLAM	FLAMMABLE
FLASH	FLASHING
FLEX	FLEXIBLE
FLR	FLOOR
FLUOR	FLUORESCENT
FO	FACE OF
FRT	FIRE RETARDANT TREATMENT
FRZ	FREEZER
FSB	FOLDING SHOWER BENCH
FSTNR	FASTENER
FT	FOOT, FEET
FTG	FOOTING
FURN	FURNITURE
FXTR	FIXTURE

G

G	GAS
GA	GAUGE, GAGE
GAL	GALLON
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS
GLU LAM	GLUE LAMINATED
GLZ	GLAZING
GR	GRADE, GRADING
GVL	GRAVEL
GYP	GYPSUM
GYP BD	GYPSUM BOARD
GYP PLAS	GYPSUM PLASTER

H

H	HIGH
HB	HOSE BIB
HC	HOLLOW CORE
HD	HEAD
HDBD	HARDBOARD
HDW	HARDWARE
HDWD	HARDWOOD
HGT, HT	HEIGHT
HM	HOLLOW METAL
HNDRL	HANDRAIL
HORIZ	HORIZONTAL
HPT	HIGH POINT
HR	HOUR
HSKP	HOUSEKEEPING
HVAC	HEATING-VENTILATION-AIR CONDITIONING
HW	HOT WATER

I

ID	INSIDE DIAMETER
IN	INCH
INCAND	INCANDESCENT
INCL	INCLUDE, INCLUDING
INFO	INFORMATION
INSUL	INSULATION
INTR	INTERIOR
INV	INVERT
IVT	INTRAVENOUS TRACK

J

JAN	JANITOR
JST	JOIST
JT	JOINT

K

KG	KILOGRAM
KIT	KITCHEN
KPL	KICK PLATE
KS	KNEE SPACE

L

L	LENGTH, LONG
LAB	LABORATORY
LAM	LAMINATE, LAMINATION
LAV	LAVATORY
LB	POUND
LED	LIGHT EMITTING DIODE
LF	LINEAR FOOT
LG	LENGTH
LIN	LINEAR
LL	LEAD LINED
LPT	LOW POINT
LT	LIGHT
LT WT	LIGHT WEIGHT
LTG	LIGHTING
LVR	LOUVER

M

M	METERS
MACH	MACHINE
MATL	MATERIAL
MATV	MASTER ANTENNA TELEVISION SYSTEM
MAX	MAXIMUM
MB	MACHINE BOLT
MC	MEDICINE CABINET
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MED	MEDIUM
MET, MTL	METAL
MEMB	MEMBRANE
MFR, MFGR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLDG	MOLDING
MM	MILLIMETERS
MO	MASONRY OPENING
MOD	MODULE, MODULAR
MTD	MOUNTED
MTG	MOUNTING
MULL	MULLION
MVBL	MOVEABLE
MW	MICROWAVE

N

(N)	NEW
N	NORTH
NA, N/A	NOT APPLICABLE
NAT	NATURAL
NE	NORTHEAST
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
NW	NORTHWEST

O

OC	ON CENTER
OA	OVERALL
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISH-CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED-OWNER INSTALLED
OPNG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OVHD	OVERHEAD
OZ	OUNCE

P

PA	PUBLIC ADDRESS
PART	PARTIAL
PBD	PARTICLEBOARD
PBX	PRIVATE TELEPHONE EXCHANGE
PCF	POUNDS PER CUBIC FOOT
PCI	POUNDS PER CUBIC INCH
PERF	PERFORATED
PERIM	PERIMETER
PERM	PERMANENT
PERP	PERPENDICULAR
PI	POINT OF INTERSECTION
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER, PLASTIC
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PNEU	PNEUMATIC
PNL	PANEL
PNL BD	PANEL BOARD
PNT, P	PAINT
PORT	PORTABLE
PP	PUSH PLATE
PPM	PARTS PER MILLION
PR	PAIR
PRCST	PRECAST
PREP	PREPARATION
PREFAB	PREFABRICATION
PRKG	PARKING
PROJ	PROJECT
PROP	PROPERTY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT
PT, PTD	PAINT, PAINTED
PTN	PARTITION
PTS	PNEUMATIC TUBE STATION
PVC	POLYVINYL CHLORIDE
PVG	PAVING
PVMT	PAVEMENT
PWR	POWER

Q

QT	QUARRY TILE
QTR	QUARTER
QTY	QUANTITY

R

R	RISER
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RCPT	RECEPTACLE
RD	ROOF DRAIN
RECT	RECTANGULAR
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCE(D)(ING)(MENT)
REQD	REQUIRED
REQT	REQUIREMENT
RESIL	RESILIENT
RET	RETURN
REV	REVISION
RF	RESILIENT FLOORING
RH	RIGHT HAND
RHMS	ROUND HEAD MACHINE SCREW
RHWS	ROUND HEAD WOOD SCREW
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RWL	RAIN WATER LEADER

S

S	SOUTH
SA	SUPPLY AIR
SB	SPLASHBLOCK
SC	SOLID CORE
SCHED	SCHEDULE
SCRN	SCREEN
SD	STORM DRAIN
SECT	SECTION
SEG	SEGMENT
SEP	SEPARATION, SEPARATE
SEP JT	SEPARATION JOINT
SHT	SHEET, SHEETING
SHWR	SHOWER
SHV	SHELVES, SHELVING
SIM	SIMILAR
SK	SINK
SMS	SHEET METAL SCREW
SP	SPACE, SPACED, SPACING
SPEC	SPECIFICATION
SPKLR	SPRINKLER
SPKR	SPEAKER
SQ	SQUARE
SS	SANITARY SEWER
SSK	SERVICE SINK
SST	STAINLESS STEEL
ST	STREET
STA	STATION
STAG	STAGGERED
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
STS	SELF-TAPPING STEEL
SUSP	SUSPENDED
SUSP CLG	SUSPENDED CEILING
SVCE	SERVICE
SYMM	SYMMETRICAL
SYST	SYSTEM

T

T	TREAD
T&B	TOP AND BOTTOM
T&G	TOUNGE AND GROOVE
TC	TOP OF CONCRETE, TOP OF CURB
TD	TRENCH DRAIN
TEL	TELEPHONE
TEMP	TEMPORARY
THERM	THERMAL
THK	THICK, THICKNESS
THRES	THRESHOLD
THRU	THROUGH
TLT	TOILET
TMPD GL	TEMPERED GLASS
TO	TOP OF
TOR	TOP OF RAILING
TOS	TOP OF STEEL
TOT	TOTAL
TOW	TOP OF WALL
TP	TOP OF PAVEMENT
TPH	TOILET PAPER HOLDER
TRANS	TRANSPARENT
TTB	TELEPHONE TERMINAL BOARD
TV	TELEVISION
TYP	TYPICAL
TW	TOP OF WALL

U

UC	UNDER COUNTER
UL	UNDERWRITERS LABORATORY
UNF	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTABLE POWER SUPPLY
UR	URINAL
UTIL	UTILITY

V

VAC	VACUUM
VB	VALVE BOX
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIT	VITREOUS
VP	VENT PIPE
VOL	VOLUME
VWC	VINYL WALL COVERING

W

W	WEST
WI	WITH
W/W	WALL TO WALL
WAINS	WAINSCOT
WC	WATER CLOSET, WALL COVERING
WD	WOOD
WDW	WINDOW
WGL	WIRE GLASS
WCHR	WHEELCHAIR
WM	WIRE MESH
WO	WHERE OCCURS
W/O	WITHOUT
WP	WATERPROOF
WPT	WORKING POINT
WR	WATER RESISTANT
WSCT	WAINSCOT
WSP	WET STANDPIPE
WT	WEIGHT
WTHPRF	WEATHERPROOF
WTRPRF	WATERPROOF
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH

X

XFMR	TRANSFORMER

Y

YD	YARD
YR	YEAR

ARCHITECTURAL DIMENSIONING CONVENTIONS

1. EXCEPT WHERE DIRECTED TO PLACE ITEMS OF THE WORK AT THE "APPROXIMATE LOCATION SHOWN," DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION.

2. ALL ELEMENTS OF THE DRAWINGS MAY NOT BE DRAWN TO EXACT SCALE. ALL DIMENSIONS REQUIRED ARE SHOWN (OR MAY BE DERIVED FROM THOSE SHOWN OR NOTED) ON THE FLOOR PLANS, DETAIL PLANS, ELEVATIONS, SECTIONS, SCHEDULES, CONFIGURATION DETAILS, AND SPECIFICATIONS. SEE THE NOTES BELOW FOR DIMENSIONING CONVENTIONS USED ON THIS PROJECT.

3. EXCEPT WHERE SPECIFICALLY NOTED TO THE CONTRARY, ALL DIMENSIONS SHOWN ON THE ARCHITECTURAL DRAWINGS CONFORM TO THE FOLLOWING CONVENTIONS:

   A. DIMENSIONS UTILIZING THE "CENTERLINE" SYMBOL ARE MEASURED TO:
   - STRUCTURAL OR DIMENSIONAL GRID LINES
   - CENTERLINE OF CONCRETE OR CONC MASONRY UNIT WALLS (EXCLUSIVE OF FURRING OR APPLIED FINISHES HAVING THICKNESS). REFER TO THE ARCH PLANS AND SECTIONS, THE STRUCT DRAWINGS, OR PARTITION SCHEDULE TO DETERMINE THE THICKNESS OF CONCRETE OR CONC MASONRY UNIT WALLS.
   - CENTERLINE OF PARTITION ASSEMBLY (EXCLUSIVE OF ANY APPLIED FINISHES HAVING THICKNESS WHICH MAY BE ADDED TO SUCH WALLS) AT PARTITIONS FRAMED WITH METAL STUDS. REFER TO "PARTITION SCHEDULE" TO DETERMINE THICKNESS OF EACH PARTITION TYPE.
   - CENTERLINE OF DOOR, WINDOW, OR LOUVER OPENING.
   - CENTERLINE OF EQUIPMENT OR FURNISHING.
   - CENTERLINE OF OTHER FEATURES AS INDICATED.

   B. REFER TO ABBREVIATIONS LEGEND FOR SYMBOL USED TO INDICATE CENTERLINE DIMENSION.

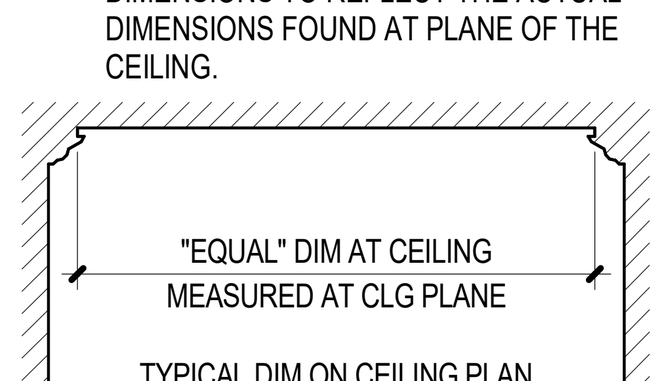
   C. DIMENSIONS UTILIZING THE "FACE OF" SYMBOL ARE MEASURED TO:
   - FACE OF CONCRETE OR CONC MASONRY UNIT WALL (EXCLUSIVE OF APPLIED FINISHES HAVING THICKNESS OR FURRING WHICH MAY BE ADDED TO THE FACE OF SUCH WALLS).
   - FACE OF PARTITION ASSEMBLY (EXCLUSIVE OF ANY APPLIED FINISHES HAVING THICKNESS WHICH MAY BE ADDED TO SUCH WALL) AS DEFINED BY THE PARTITION SCHEDULE. UNLESS NOTED AS A "FACE OF FINISH" OR "CLEAR" DIMENSION (SEE NOTE 'E' BELOW), DIMENSIONS ARE NOT MEASURED TO THE FACE OF APPLIED FINISH. REFER TO THE "PARTITION SCHEDULE" TO DETERMINE THE THICKNESS OF EACH PARTITION TYPE.
   - INSIDE EDGE OF FINISHED DOOR OPENING. REFER TO THE DOOR SCHEDULE FOR ADDITIONAL DIMENSIONAL INFORMATION.

   D. REFER TO ABBREVIATIONS LEGEND FOR SYMBOL USED TO INDICATE "FACE OF" DIMENSION.

   E. WHERE "FACE OF FINISH" OR "CLEAR" DIMENSIONS ARE SPECIFICALLY NOTED, THE DIM IS MEASURED TO:
   - FINISH FACES AT THE MOST NARROW OR CONSTRICTED POINTS OF SECTION WHERE DIMENSION IS SHOWN, WHEN THE DIMENSION OCCURS ACROSS AN OPEN SPACE. THIS CASE, A "FACE OF FINISH" DIMENSION IS EQUIVALENT TO A "CLEAR" DIMENSION.
   - FINISH FACES AT THE WIDEST OR MOST EXPANSIVE POINTS OF THE SECTION THE DIMENSION IS SHOWN WHEN THE DIMENSION OCCURS ACROSS AN OBJECT OR GROUP OF OBJECTS.

   F. WHERE "EQUAL" DIMENSIONS ARE USED ON REFLECTED CEILING PLANS TO LOCATE CEILING GRID WORK POINTS, MEASURE DIMENSIONS TO:
   - EDGE OF THE INDICATED CEILING AT THE FACE OF THE ADJACENT APPLIED FINISH MEASURED AT THE PLANE OF THE CEILING.

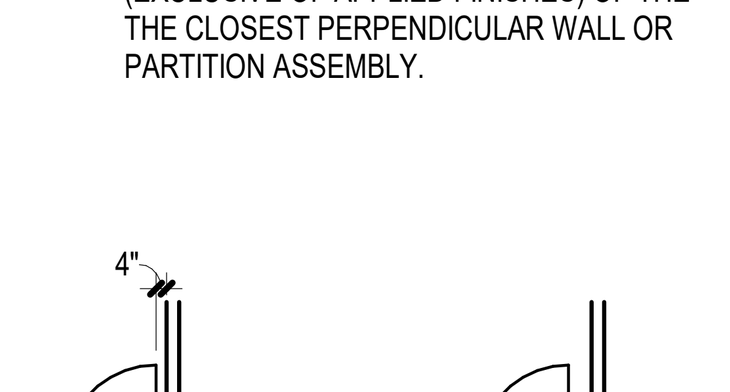
NOTE NO 3 CONTINUED:
- CAUTION: DUE TO THE POSSIBLE APPLICATION OF APPLIED FINISHES - THICKNESS OF WHICH MAY VARY BETWEEN FLOOR AND CEILING AND IS NOT ACCOUNTED FOR (EXCEPT AS INDICATED BY "FOF" OR "CLEAR") BY THE DIMENSION SHOWN ON THE FLOOR PLANS - THE CONTRACTOR MUST ADJUST, AS NECESSARY, THE FLOOR PLAN DIMENSIONS TO REFLECT THE ACTUAL DIMENSIONS FOUND AT PLANE OF THE CEILING.



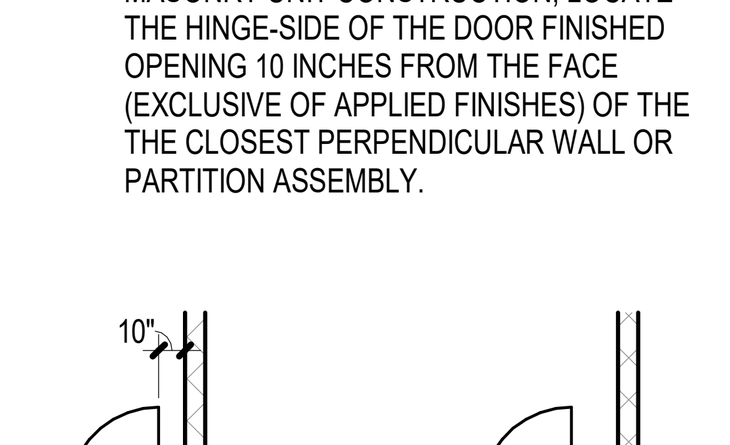
4. WHERE DIMENSIONS ARE NOT PROVIDED ON FLOOR PLANS TO LOCATE DOOR OPENINGS, APPLY THE FOLLOWING RULES, **IN ORDER**, TO DETERMINE THE LOCATION OF DOOR OPENINGS:

   A. DOOR OPENINGS MAY BE DIMENSIONED ON DRAWINGS OTHER THAN THE FLOOR PLANS. REFER TO THE SECTIONS, ELEVATIONS, DETAILS, AND DOOR SCHEDULE NOTES FOR ADDITIONAL DIMENSIONAL INFORMATION.

   B. WHERE THE HINGE-SIDE OF A DOOR IS SHOWN ADJACENT TO A WALL - OR WALLS - PERPENDICULAR TO THE WALL IN WHICH THE DOOR OPENING OCCURS:
   - AT DOORS OCCURRING IN METAL FRAMED GYPSUM BOARD PARTITIONS, LOCATE THE HINGE-SIDE OF THE DOOR FINISHED OPENING 4 INCHES FROM THE FACE (EXCLUSIVE OF APPLIED FINISHES) OF THE THE CLOSEST PERPENDICULAR WALL OR PARTITION ASSEMBLY.

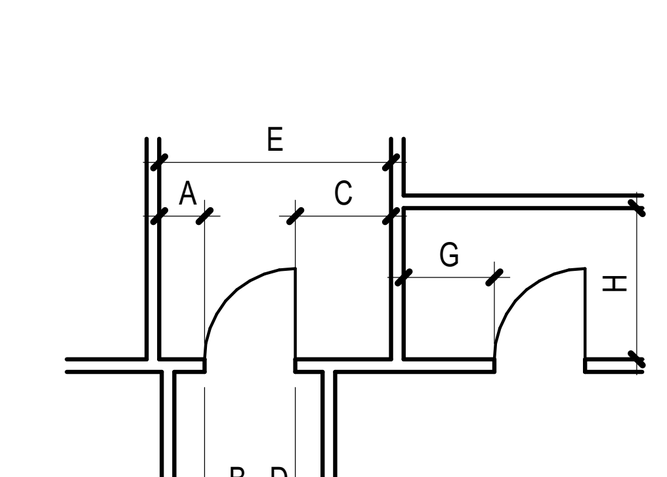


   - AT DOORS OCCURRING IN WALLS OF CONC MASONRY UNIT CONSTRUCTION, LOCATE THE HINGE-SIDE OF THE DOOR FINISHED OPENING 10 INCHES FROM THE FACE (EXCLUSIVE OF APPLIED FINISHES) OF THE THE CLOSEST PERPENDICULAR WALL OR PARTITION ASSEMBLY.



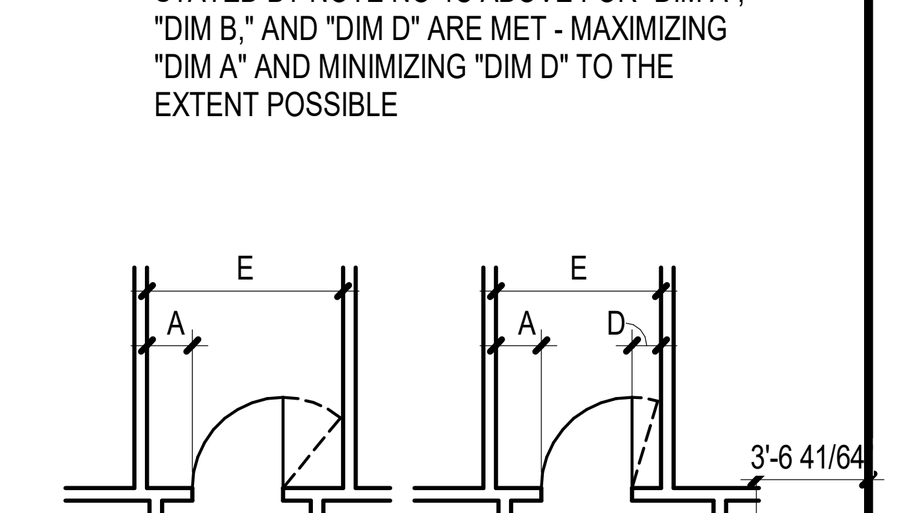
NOTE NO 4 CONTINUED:

C. WHERE DOOR OCCURS NOT ADJACENT TO A PERPENDICULAR WALL AND EITHER "DIM E" OR "DIM F" IN DIAGRAM BELOW IS 16'-0" OR LESS, LOCATE DOOR UTILIZING THE FOLLOWING MINIMUM DIMENSIONS:
- DIMENSION A = 18 INCHES MIN
- DIMENSION B = 12 INCHES MIN
- DIMENSION C = DOOR WIDTH + 2 INCHES MINIMUM
- DIMENSION D = 4 INCHES MIN AT METAL FRAMED GYP BD PARTITIONS OR - EVEN MULTIPLE OF 1/2 CMU MODULE PLUS 2 INCHES AT CONC MASONRY UNIT WALLS
- DIMENSIONS E AND F = AS SHOWN ON PLANS
- DIMENSION G = 36 INCHES MIN
- DIMENSION H = 60 INCHES MIN

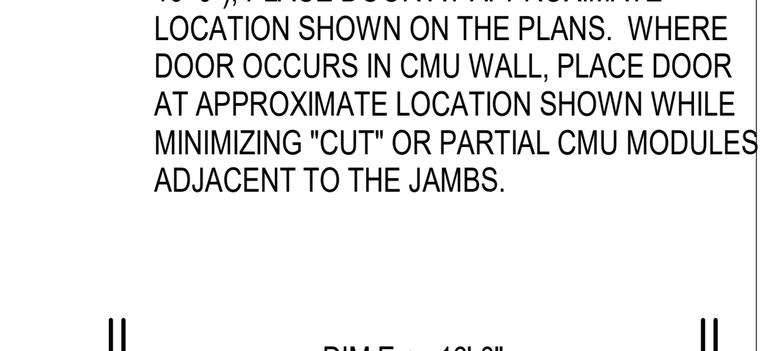


- IF SPACE ALLOWS, CENTER DOOR IN WALL SHOWN ON THE DRAWINGS SO THAT EITHER "DIM A" EQUALS "DIM C" OR "DIM B" EQUALS "DIM D".

D. IF "DIM E" IN DIAGRAMS BELOW IS LESS THAN THE SUM OF 2 TIMES THE DOOR WIDTH PLUS 20 INCHES, LOCATE DOOR SO THAT MINIMUMS STATED BY NOTE NO 4C ABOVE FOR "DIM A", "DIM B," AND "DIM D" ARE MET - MAXIMIZING "DIM A" AND MINIMIZING "DIM D" TO THE EXTENT POSSIBLE



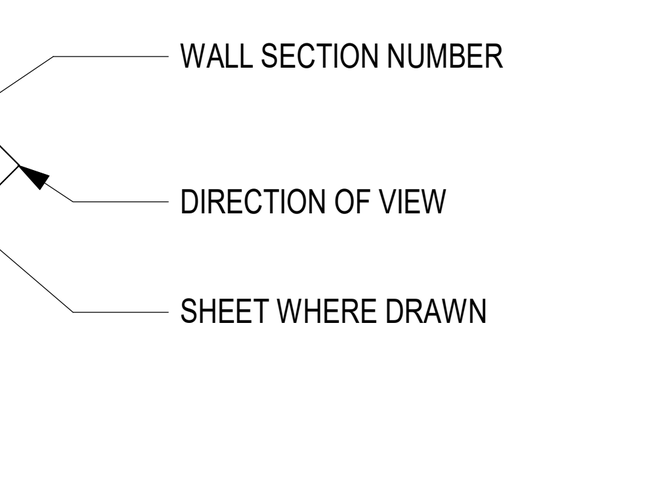
E. WHERE DOOR IS SHOWN LOCATED IN A LARGE EXPANSE OF OPEN WALL ("DIM E" AND "DIM F" IN DIAGRAM BELOW BOTH EXCEED 16'-0"), PLACE DOOR AT APPROXIMATE LOCATION SHOWN ON THE PLANS. WHERE DOOR OCCURS IN CMU WALL, PLACE DOOR AT APPROXIMATE LOCATION SHOWN WHILE MINIMIZING "CUT" OR PARTIAL CMU MODULES ADJACENT TO THE JAMBS.



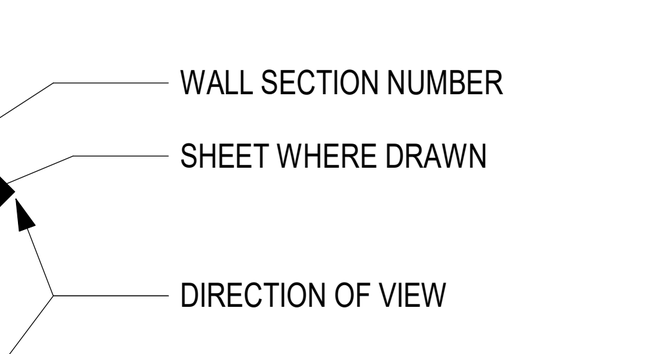
5. WHERE WALLS AND/OR PARTITIONS OF UNEQUAL THICKNESS ABUT, ALIGN EXPOSED FACES, UNLESS OTHERWISE NOTED.

TYPICAL ARCHITECTURAL REFERENCE SYMBOLS

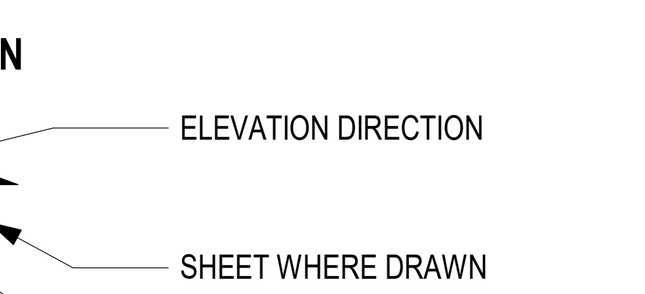
WALL SECTION



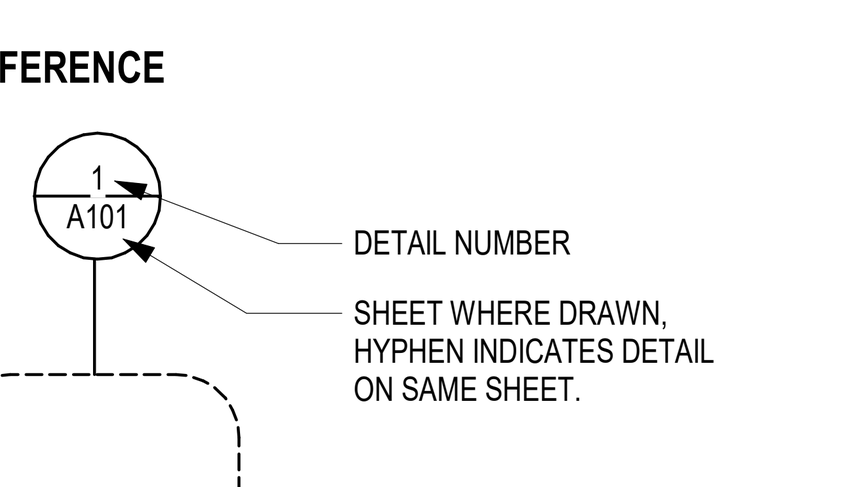
BUILDING SECTION



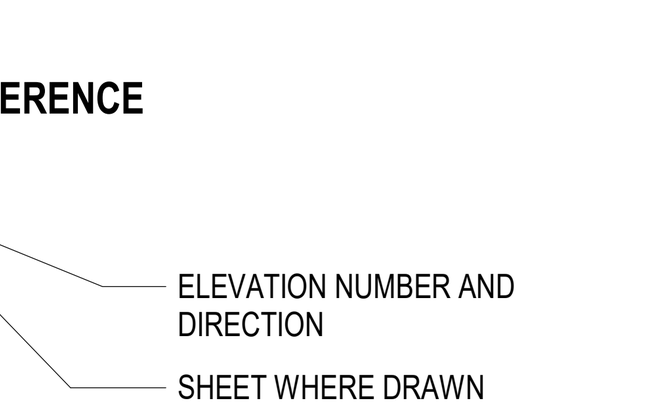
EXTERIOR ELEVATION



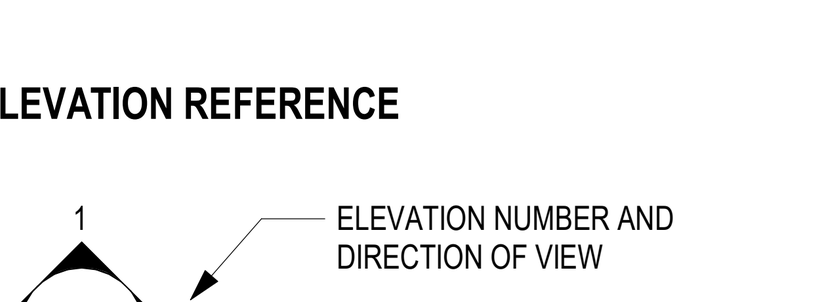
DETAIL REFERENCE



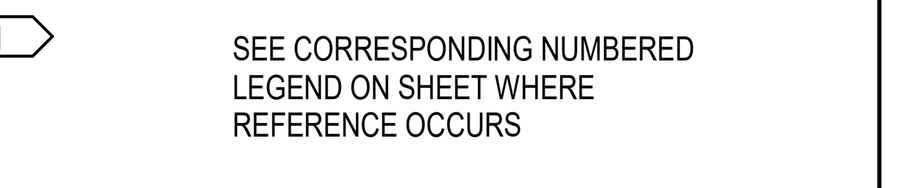
SECTION DETAIL REFERENCE



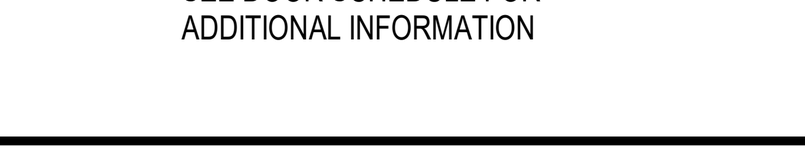
INTERIOR ELEVATION REFERENCE



PARTITION TYPE IDENTIFICATION MARK

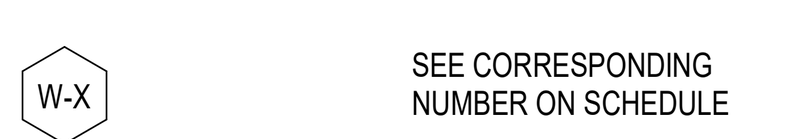


EQUIPMENT/ACCESSORY IDENTIFICATION MARK

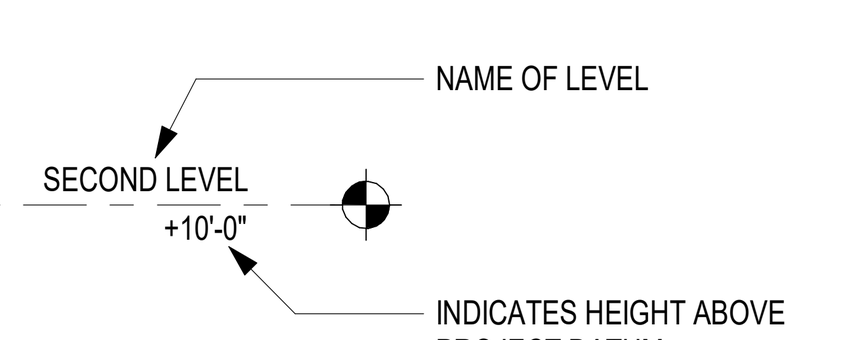


DOOR IDENTIFICATION MARK

WINDOW AND LOUVER TYPE MARK

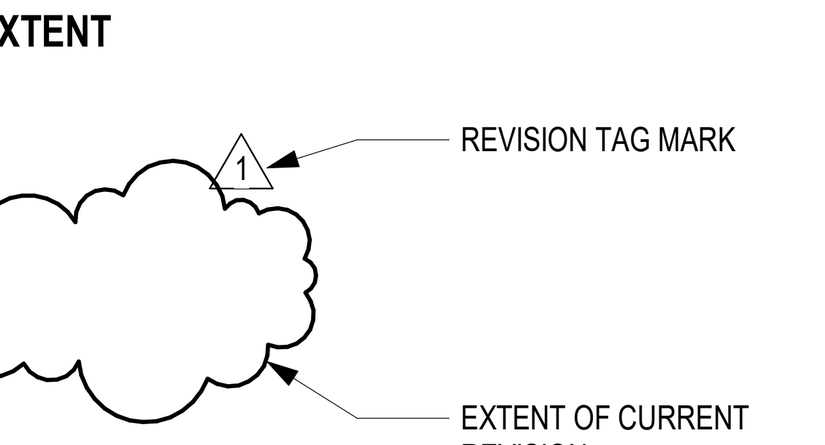


LEVEL LINE

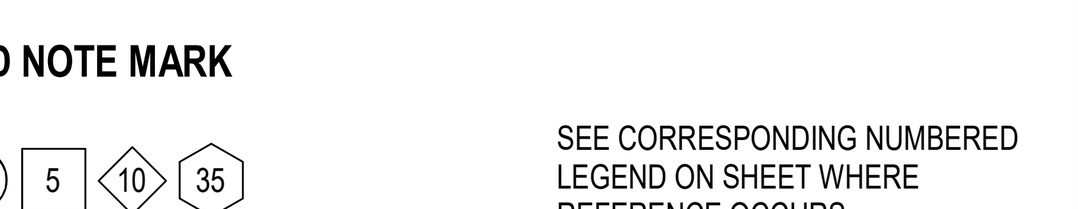


ROOM NAME AND NUMBER

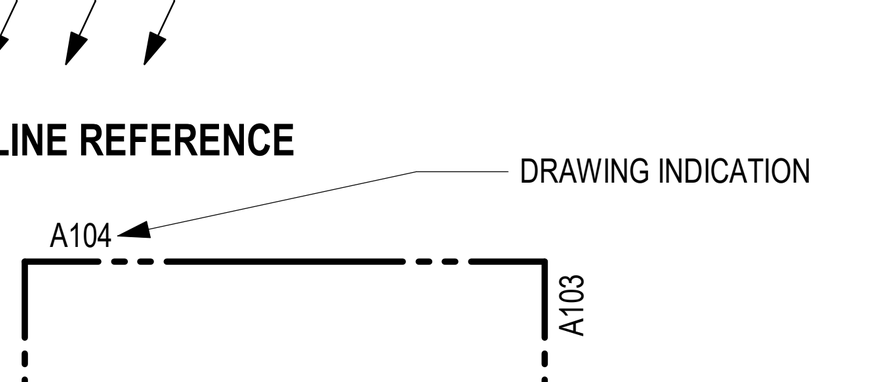
REVISION EXTENT



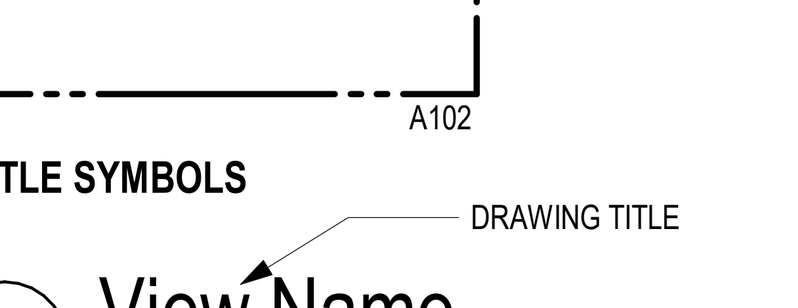
KEYED NOTE MARK



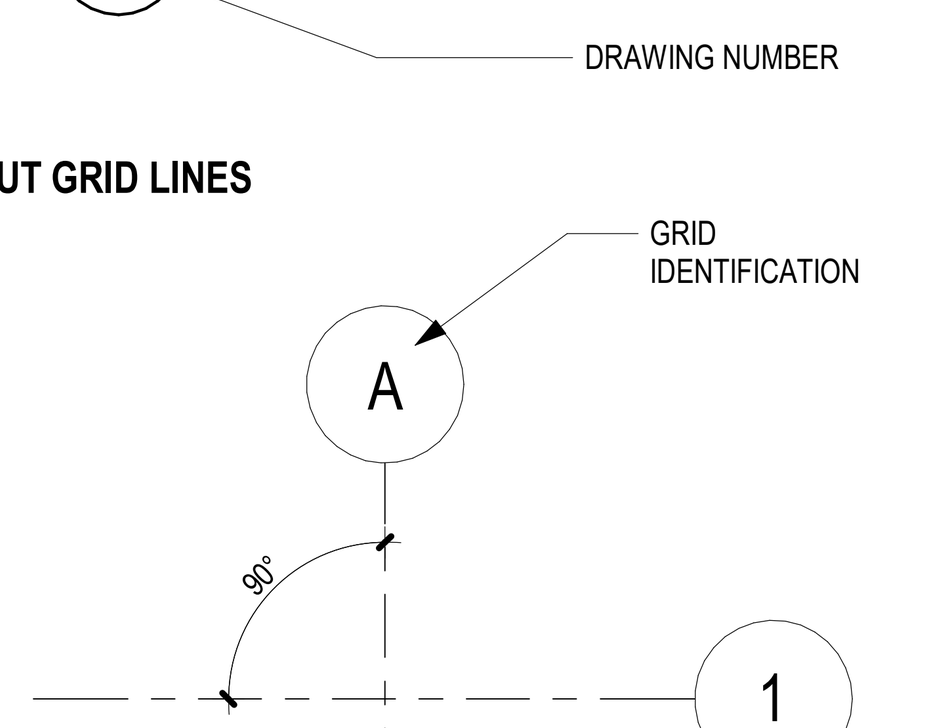
MATCH LINE REFERENCE



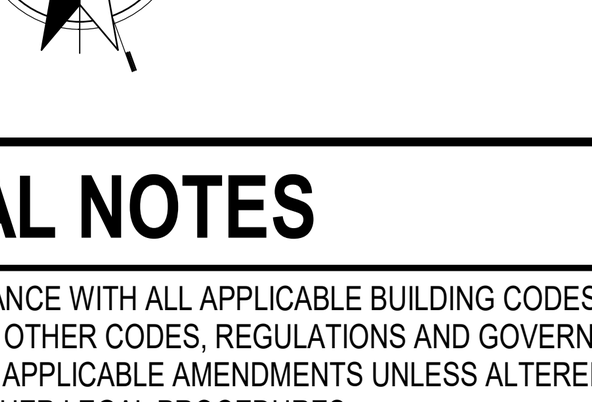
DRAWING TITLE SYMBOLS



LAYOUT GRID LINES



NORTH ARROW REFERENCE



TYPICAL RULES FOR DETERMINING REFLECTED CEILING PLAN LOCATIONS, DIMENSIONS, AND CONFIGURATIONS

GENERAL NOTES

A. THE A-SERIES DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND LOCATION OF ALL EXPOSED ELEMENTS. THE A-SERIES DRAWINGS TAKE PRECEDENCE FOR THE FINISHED APPEARANCE AND LOCATION OF ALL PARTS OF THE WORK. **EXCEPTION:** DIMENSIONED LOCATIONS SHOWN ON ON DRAWINGS OF OTHER DISCIPLINES SHALL GOVERN ONLY WHERE:
   1. SPECIFICALLY AND INDIVIDUALLY INDICATED BY SYMBOL, KEYED NOTE, OR NOTATION ON THE ARCHITECTURAL DRAWINGS.
   2. OCCURRING WITHIN A ROOM OR OTHER IDENTIFIABLE SPACE FOR WHICH ARCH SHEET OR SCHEDULE NOTES INDICATE THAT DIMENSIONS PROVIDED ELSEWHERE SHALL GOVERN.

B. THE PURPOSE OF THIS SHEET IS TO ILLUSTRATE THE TYPICAL RULES WHICH GOVERN THE LOCATION, CONFIGURATION IN RELATIONSHIP TO OTHER ELEMENTS OF THE WORK, AND FINISHED ALIGNMENT OF ALL ITEMS OCCURRING ON REFLECTED CEILING PLANS OF THE PROJECT.

C. THE A-SERIES FLOOR PLANS, REFLECTED CEILING PLANS, SECTIONS, ELEVATIONS, AND DETAILS ILLUSTRATE THE DIMENSIONED LOCATION OF MANY - BUT NOT ALL - EXPOSED PARTS OF THE WORK. APPLY THE RULES ON THIS SHEET **- IN ORDER -** TO DETERMINE THE LOCATION OF EXPOSED PART OF THE WORK.
   1. WHEN UNIQUELY AND SPECIFICALLY DIMENSIONED ON THE A-SERIES PLANS, SECTIONS, OR ELEVATIONS (OR COMBINATION THEREOF), LOCATE AS DIMENSIONED.
   2. IF NOT SHOWN, OR IF SHOWN BUT NOT DIMENSIONED, BY THE A-SERIES PLANS OR ELEVATIONS, LOCATE AS INDICATED BY THE APPLICABLE RULE.

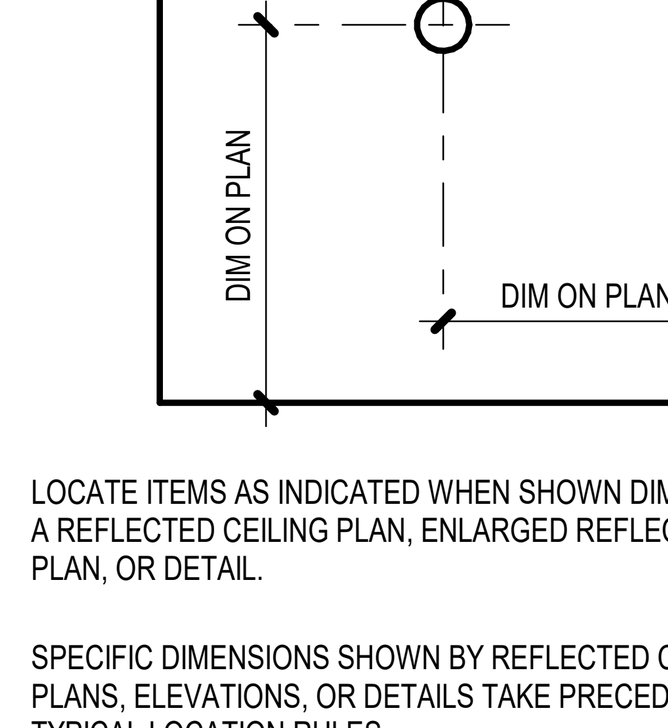
D. REFER TO THE "ARCHITECTURAL GENERAL NOTES" FOR ADDITIONAL NOTES WHICH MAY BE APPLICABLE TO THE WORK SHOWN ON THIS SHEET.

E. FOR MANY SPACES, THE ARCHITECTURAL REFLECTED CEILING PLANS ESTABLISH AN IDEAL PATTERN FOR LOCATING SPRINKLER HEADS. IN SPACES WHERE HEADS ARE SHOWN, FOLLOW PATTERN ESTABLISHED BY THE DRAWINGS. WHERE ADDL HEADS ARE REQUIRED TO CONFORM WITH CODE, PROVIDE HEADS IN GENERAL CONFORMITY WITH PATTERN ESTABLISHED BY THE DRAWINGS.

F. IN SPACES WHERE SPRINKLER HEADS ARE NOT SHOWN BY THE ARCHITECTURAL REFLECTED CEILING PLANS, PROVIDE HEADS AS REQUIRED BY CODE.

RULE 1

WHEN COMPLETELY DIMENSIONED ON REFLECTED CEILING PLAN

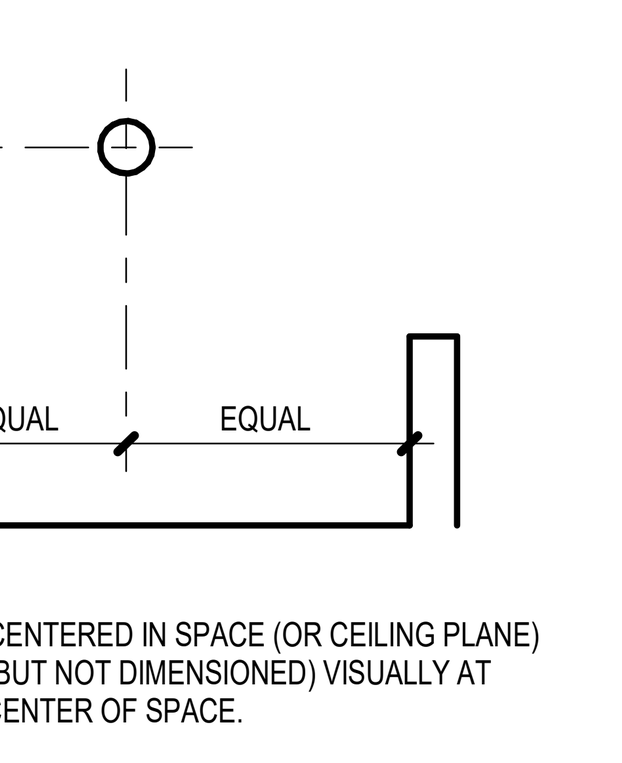


LOCATE ITEMS AS INDICATED WHEN SHOWN DIMENSIONED BY A REFLECTED CEILING PLAN, ENLARGED REFLECTED CEILING PLAN, OR DETAIL.

SPECIFIC DIMENSIONS SHOWN BY REFLECTED CEILING PLANS, ELEVATIONS, OR DETAILS TAKE PRECEDENCE OVER TYPICAL LOCATION RULES.

RULE 2

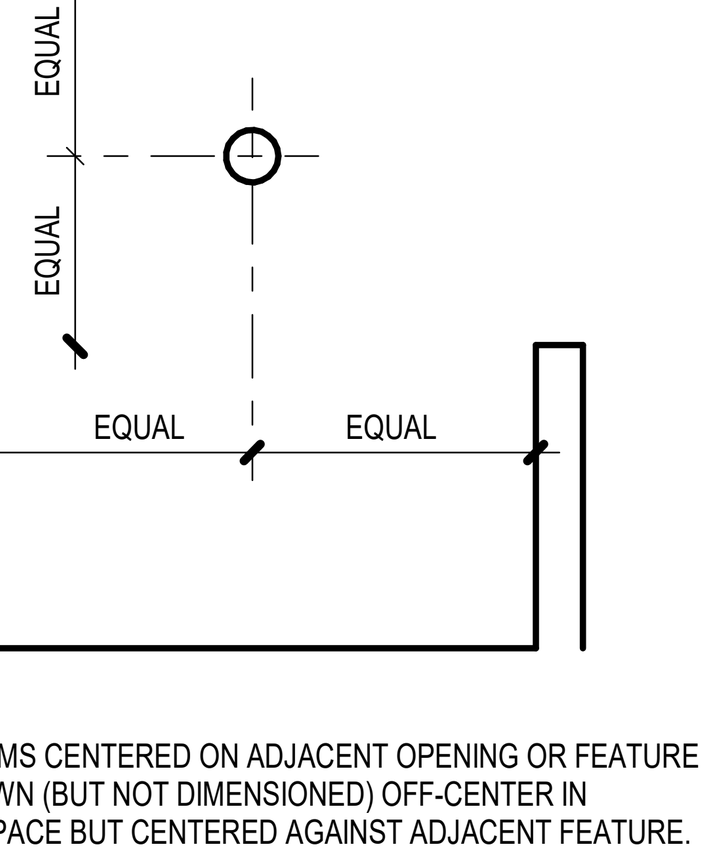
WHEN NOT DIMENSIONED BUT SHOWN CENTERED



LOCATE ITEMS CENTERED IN SPACE (OR CEILING PLANE) WHEN SHOWN (BUT NOT DIMENSIONED) VISUALLY AT APPROXIMATE CENTER OF SPACE.

RULE 3

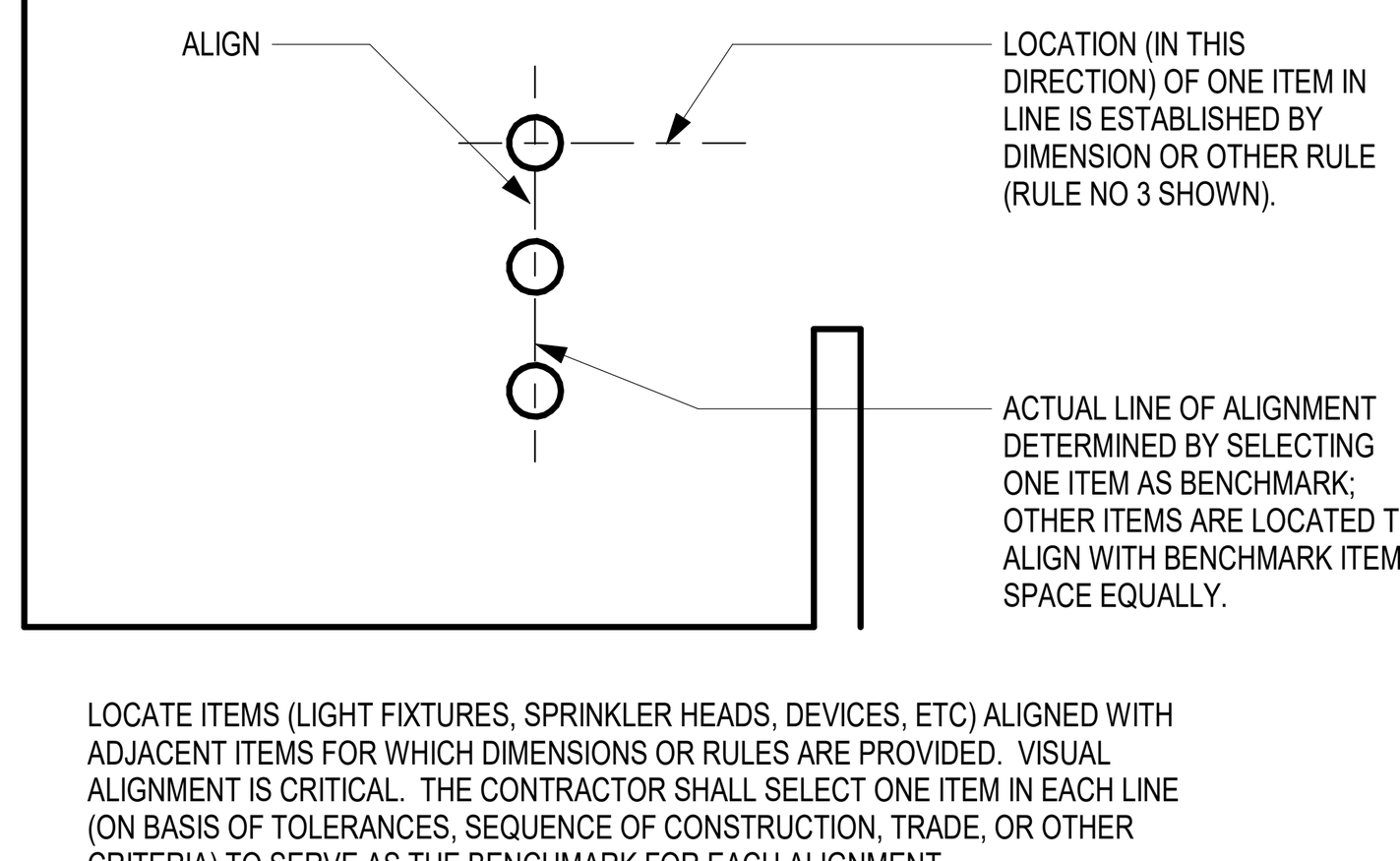
WHEN OFF-CENTER IN SPACE BUT CENTERED ON ADJACENT FEATURE



LOCATE ITEMS CENTERED ON ADJACENT OPENING OR FEATURE WHEN SHOWN (BUT NOT DIMENSIONED) OFF-CENTER IN OVERALL SPACE BUT CENTERED AGAINST ADJACENT FEATURE.

RULE 4

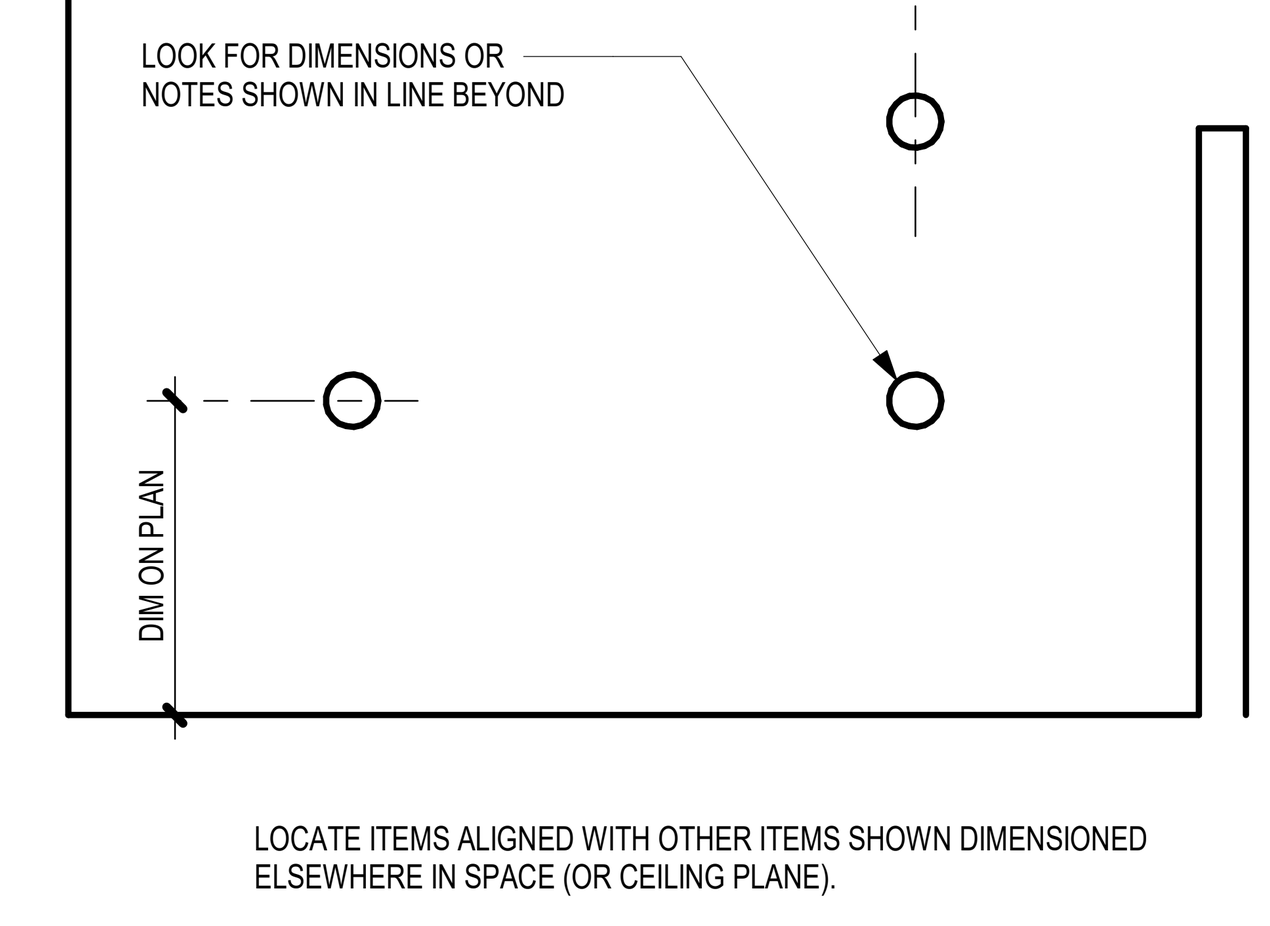
WHEN ALIGNED WITH OTHER FEATURES



LOCATE ITEMS (LIGHT FIXTURES, SPRINKLER HEADS, DEVICES, ETC) ALIGNED WITH ADJACENT ITEMS FOR WHICH DIMENSIONS OR RULES ARE PROVIDED. VISUAL ALIGNMENT IS CRITICAL. THE CONTRACTOR SHALL SELECT ONE ITEM IN EACH LINE (ON BASIS OF TOLERANCES, SEQUENCE OF CONSTRUCTION, TRADE, OR OTHER CRITERIA) TO SERVE AS THE BENCHMARK FOR EACH ALIGNMENT.

RULE 5

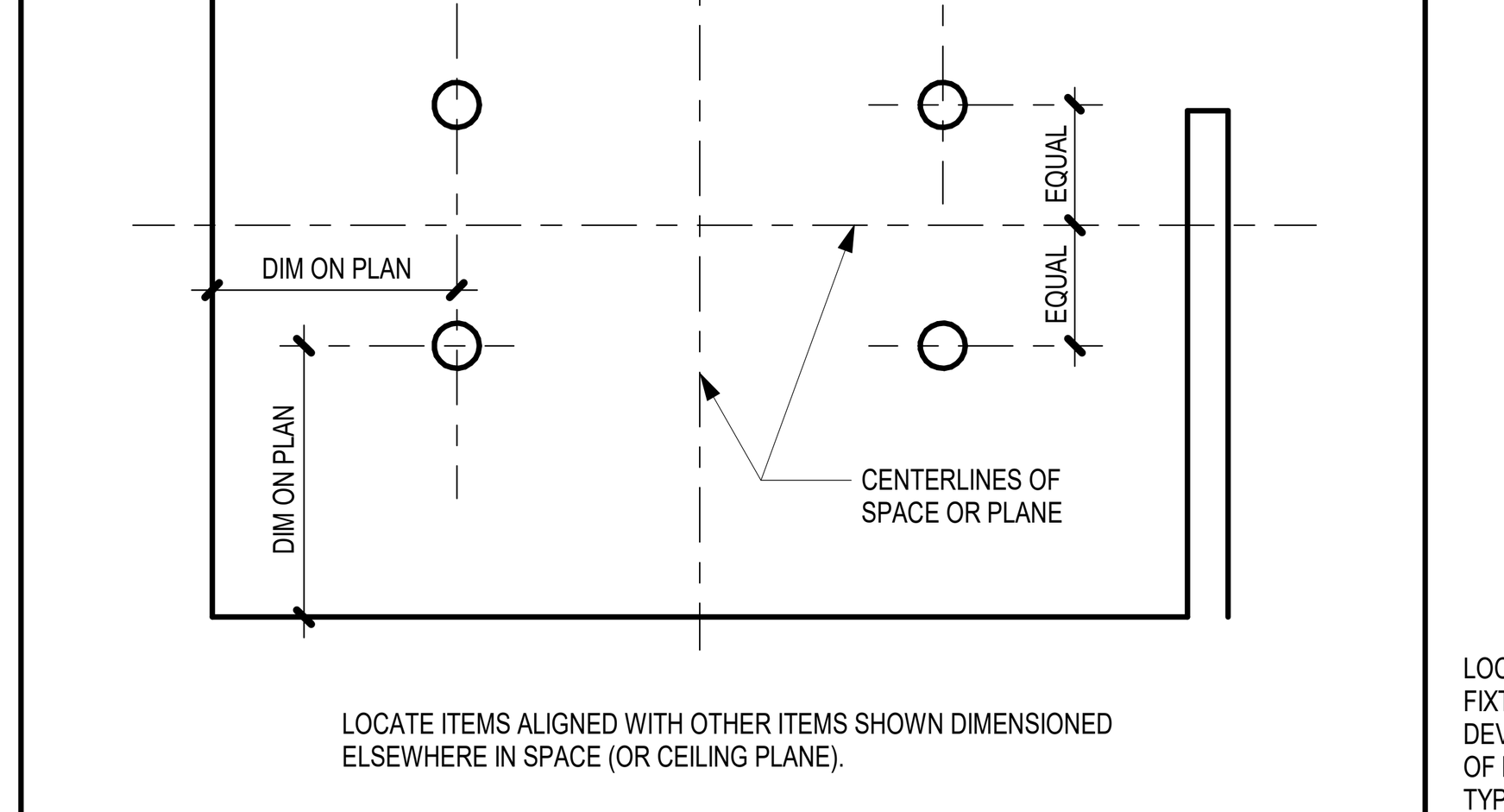
ALIGN WITH FEATURES SHOWN DIMENSIONED ELSEWHERE IN SPACE



LOCATE ITEMS ALIGNED WITH OTHER ITEMS SHOWN DIMENSIONED ELSEWHERE IN SPACE (OR CEILING PLANE).

RULE 6

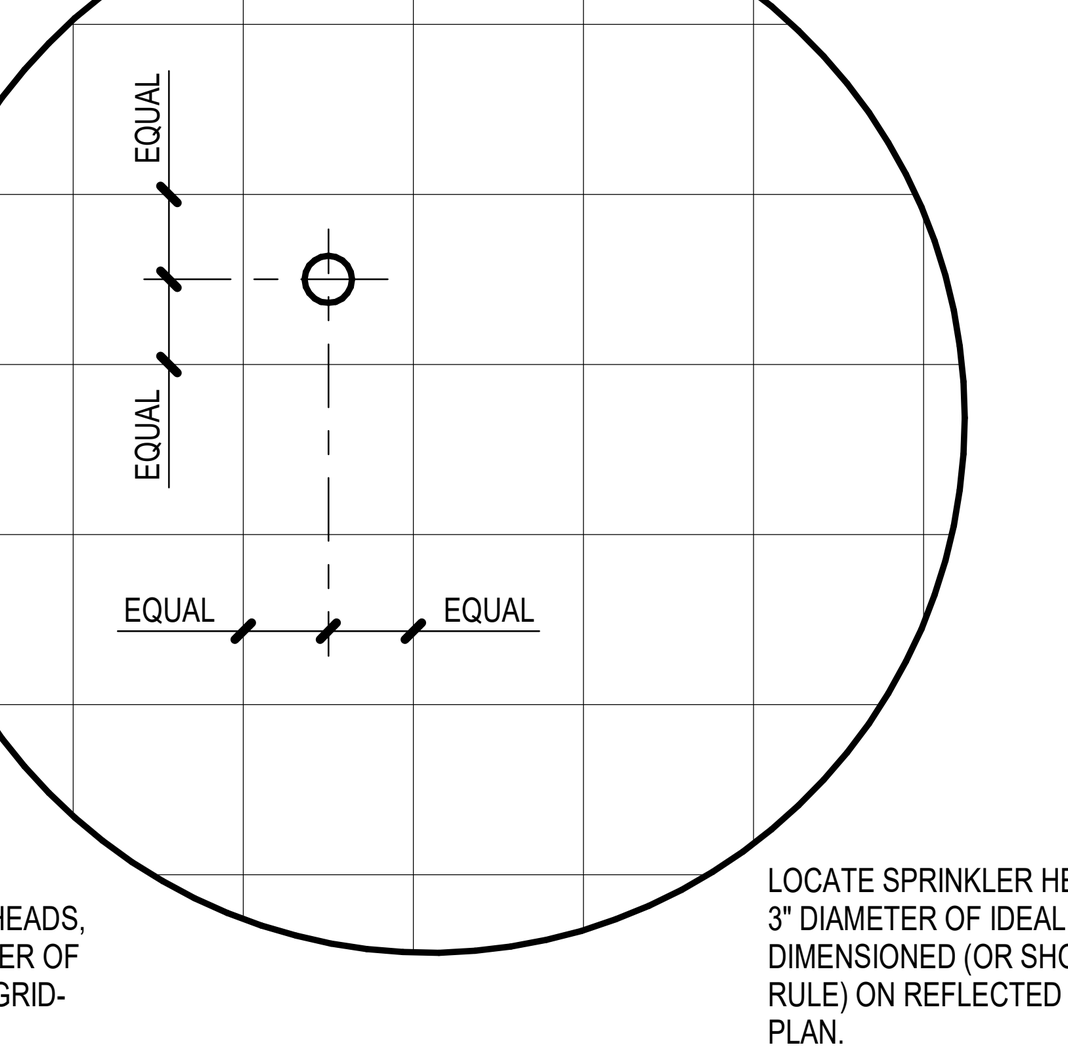
LOCATE FEATURES SYMMETRICALLY



LOCATE ITEMS ALIGNED WITH OTHER ITEMS SHOWN DIMENSIONED ELSEWHERE IN SPACE (OR CEILING PLANE).

RULE 7

WHEN NOT DIMENSIONED BUT OCCURS ON A SQUARE GRID-TYPE CEILING

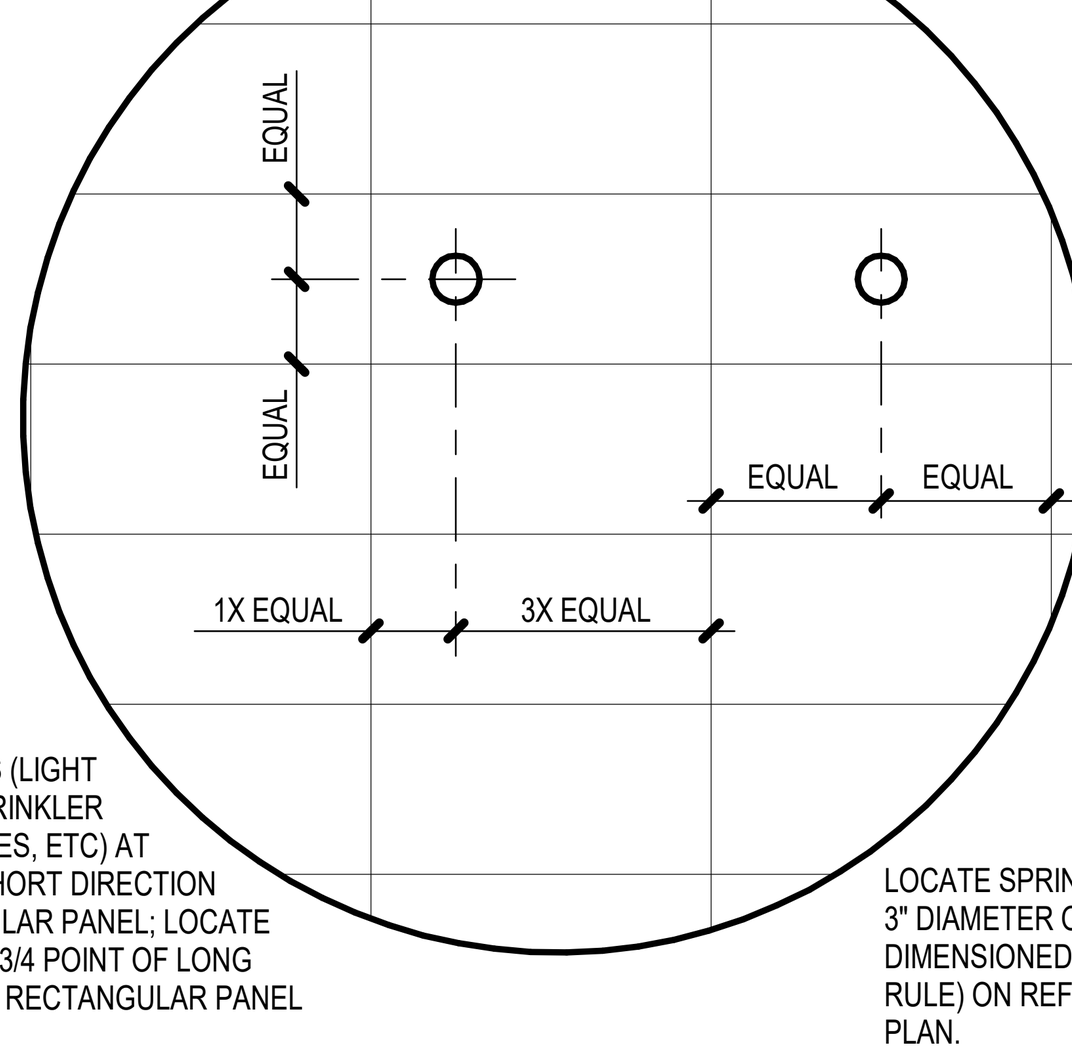


LOCATE ITEMS (LIGHT FIXTURES, SPRINKLER HEADS, DEVICES, ETC) AT CENTER OF OF PANEL ON SQUARE GRID-TYPE CEILINGS

LOCATE SPRINKLER HEADS WITHIN 3" DIAMETER OF IDEAL POINT DIMENSIONED (OR SHOWN BY RULE) ON REFLECTED CEILING PLAN.

RULE 8

WHEN NOT DIMENSIONED BUT OCCURS ON A RECTANGULAR GRID-TYPE CEILING



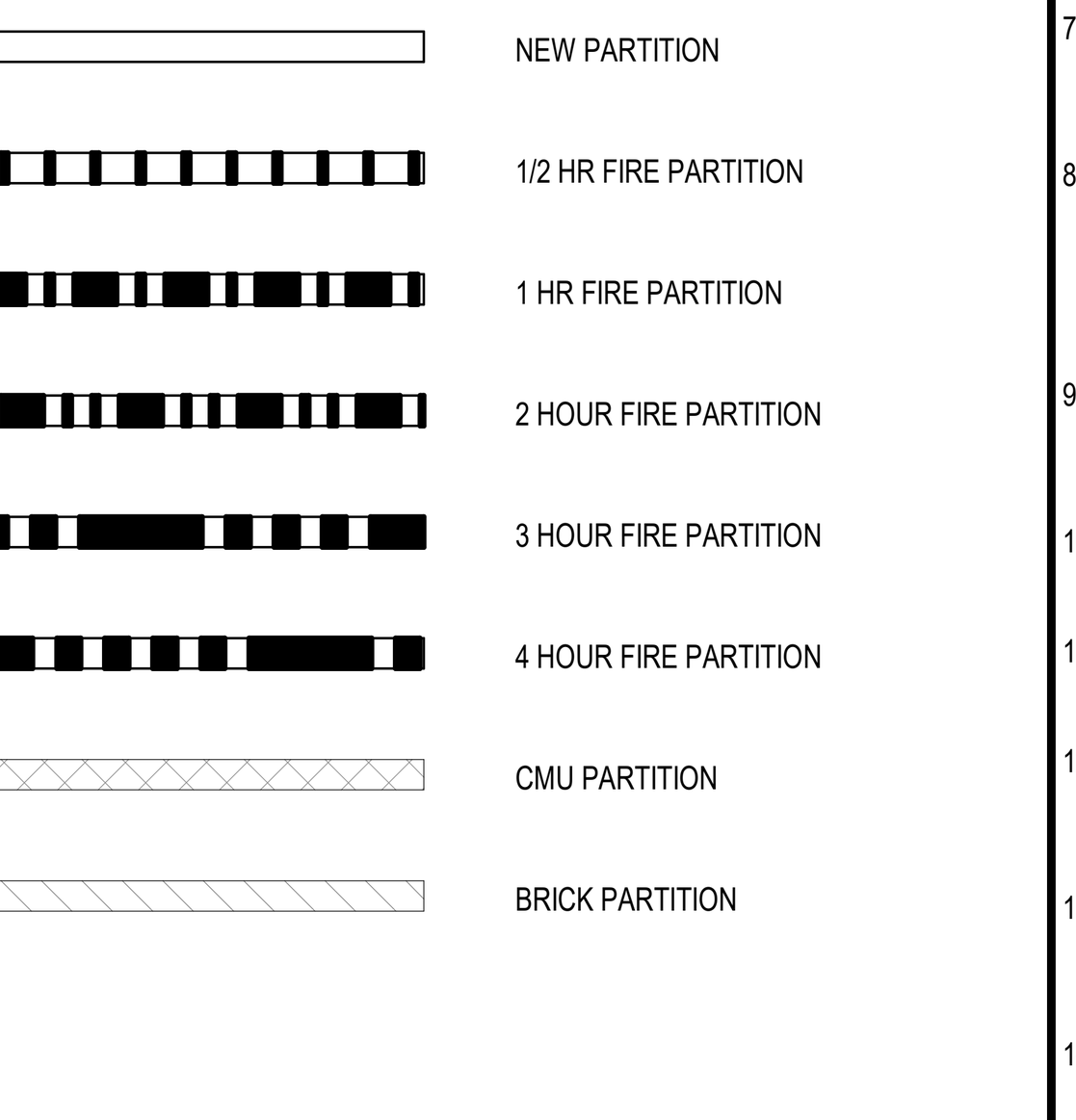
LOCATE ITEMS (LIGHT FIXTURES, SPRINKLER HEADS, DEVICES, ETC) AT CENTER OF SHORT DIRECTION OF RECTANGULAR PANEL; LOCATE AT 1/4, 1/2, OR 3/4 POINT OF LONG DIRECTION OF RECTANGULAR PANEL

LOCATE SPRINKLER HEADS WITHIN 3" DIAMETER OF IDEAL POINT DIMENSIONED (OR SHOWN BY RULE) ON REFLECTED CEILING PLAN.

TYP. DOOR LEGEND



WALL TYPE LEGEND



GENERAL NOTES

1. CONSTRUCTION TO BE IN STRICT ACCORDANCE WITH ALL APPLICABLE BUILDING CODES, LOCAL RULES AND REGULATIONS, AND ALL OTHER CODES, REGULATIONS AND GOVERNING AGENCIES HAVING JURISDICTION WITH ALL APPLICABLE AMENDMENTS UNLESS ALTERED OR CHANGED THROUGH VARIANCES OF OTHER LEGAL PROCEDURES.
2. UNLESS OTHERWISE INDICATED, ALL MATERIALS AND EQUIPMENT ON THE DRAWINGS IS TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
3. COORDINATE ALL CONSTRUCTION PRIOR TO BEGINNING WORK AND SUBMIT PROPOSED WORK SCHEDULE TO THE OWNER & ARCHITECT FOR APPROVAL.
4. GENERAL CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES, SECURE AND PAY FOR ALL PERMITS, FEES, TAXES, INSPECTIONS & TESTING REQUIRED FOR COMPLETE RELATED WORK. THE GENERAL CONTRACTOR SHALL ALSO BE IN CHARGE OF THE OPERATION FROM THE TIME OF COMMENCEMENT UNTIL THE COMPLETION OF WORK AND TO WHOM ALL ORDERS AND DIRECTIONS SHALL BE GIVEN.
5. ALL TRADES SHALL BE RESPONSIBLE TO READ ALL DRAWINGS, DETAILS, & PLANS ASSOCIATED WITH ALL PACKAGES INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING ASSOCIATED WITH THIS PROJECT TO ENSURE PROPER COORDINATION. IF ANY CONFLICTS EXIST, THAT TRADE SHALL NOTIFY THE CONTRACTOR OF THE SAME PRIOR TO CONSTRUCTION WHO SHALL IN TURN NOTIFY THE G.C.
6. CONTRACTOR SHALL DIRECT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO CONSTRUCTION, AND CONTRACTOR SHALL BE RESPONSIBLE FOR ANY WORK WHICH PROCEEDS WITHOUT DUE COURSE AND COORDINATION.
7. ALL MATERIALS SHOWN OR CALLED FOR ON THESE CONSTRUCTION DOCUMENTS TO BE NEW AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
8. THE GENERAL CONTRACTOR SHALL SUPPLY DETAILED COMPARISON OF SUBSTITUTION ITEMS REQUESTED FOR ARCHITECT APPROVAL. COMPARISON INFORMATION SHALL INCLUDE & NOT LIMITED TO SIGNIFICANT PRODUCT QUALITIES WHICH MAY ALTER VISUAL AND/OR PERFORMANCE OF A PRODUCT INCLUDING WEIGHT, SIZE, DURABILITY, & SPECIFIC FEATURES & REQUIREMENTS OF SUCH PRODUCT.
9. ALL CEILING HEIGHTS ARE REFERENCED FROM NEAREST FINISHED FLOOR. ALL BEARING ELEVATIONS ARE BASED ON 100'-0" (REFERENCED ELEVATION) TYPICAL UNLESS NOTED OTHERWISE.
10. ALL INTERIOR DIMENSIONS ARE TO FINISHED FACE OF GYP. BD. UNLESS NOTED OTHERWISE.
11. ALL EXTERIOR MASONRY WALLS ARE DIMENSIONED FROM EXTERIOR FACE OF MASONRY TO FINISHED FACE OF INTERIOR GYPSUM BOARD UNLESS NOTED OTHERWISE.
12. ALL EXTERIOR CLADDED WALLS (VINYL SIDING, CEMENT BOARD SIDING, WOOD SIDING AND METAL WALL PANELS) ARE DIMENSIONED FROM EXTERIOR FACE OF SHEATHING TO FINISHED FACE OF INTERIOR GYPSUM BOARD UNLESS NOTED OTHERWISE.
13. ALL EXTERIOR WALLS CLAD W/ MCM WALL PANELS OR INSULATED METAL WALL PANELS ARE DIMENSIONED FROM EXTERIOR FINISH FACE OF METAL WALL PANELS TO FINISHED FACE OF INTERIOR GYPSUM BOARD UNLESS NOTED OTHERWISE.
14. ALL EXTERIOR E.I.F.S. WALLS ARE DIMENSIONED FROM EXTERIOR FACE OF RIGID INSULATION BOARD TO FINISHED FACE OF INTERIOR GYPSUM BOARD UNLESS NOTED OTHERWISE.
15. ALL ANGLES 45° DEGREES UNLESS OTHERWISE NOTED.
16. WHERE RENOVATION OR ADDITION WORK TO EXISTING FACILITIES OCCUR, COMMUNICATION AND LIFE SAFETY SYSTEMS TO BE MAINTAINED AND OPERABLE THROUGHOUT CONSTRUCTION.

STATE OF MISSOURI
ROY A. MANGAN
NUMBER A-6661
ARCHITECT
Roy A. Mangan 10/16/2026

MO Architect License No: A-6661
Expires: 12/31/2026

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[Consultants]

Proposed: House 3 Renovations
MERAMEC AMBULANCE DISTRICT - STATION NO. 3
7390 STATE HIGHWAY O

No.	Date	Revision
	10/16/2026	BIDDING / PERMIT DOCUMENTS

TYP NOTES, SYMB, & RULES

Project No. 25083

Sheet No. A001

Date 10/16/2026

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SIGNAGE LEGEND

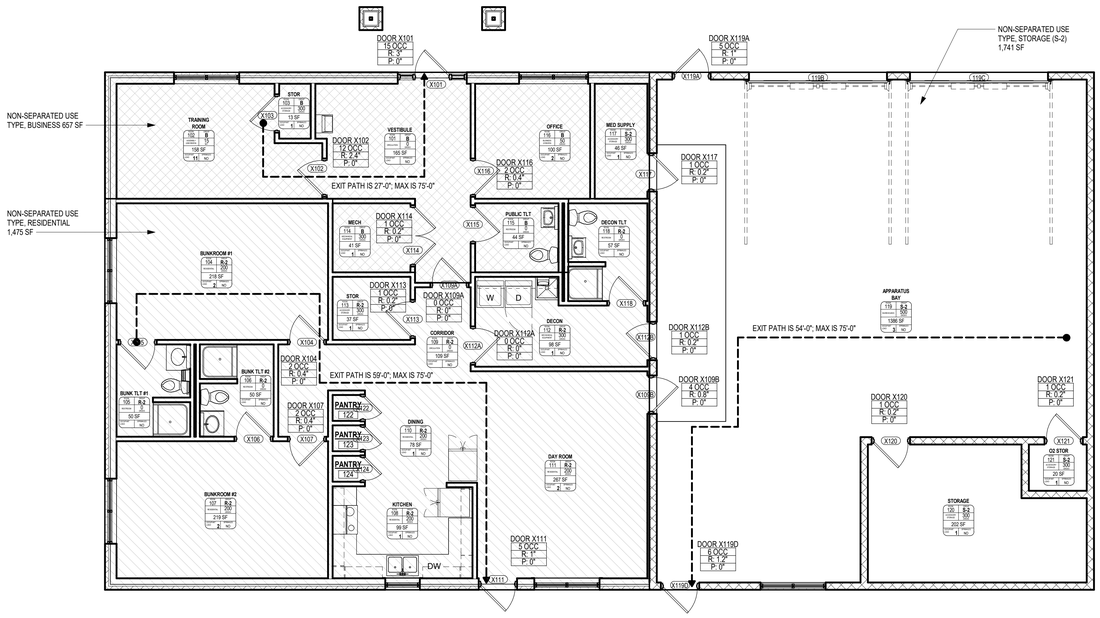
NS	NO SMOKING SIGNAGE: PROVIDE "NO SMOKING" SIGNAGE AND NFPA 704 HAZARD IDENTIFICATION PLACARD AT ENTRANCE (IFC 5303.6). SIGNAGE PLACARD SHALL BE 14" W X 10" T MIN.
RS	RESTROOM SIGNAGE: "RESTROOM"; MOUNT AT 60" AFF TO C.L.; 3" RAISED LETTERING ON CONTRASTING BACKGROUND; PROVIDE BRAILLE BELOW. 8"x8" MIN.

COMPRESSED AIR CODE: NFPA 55

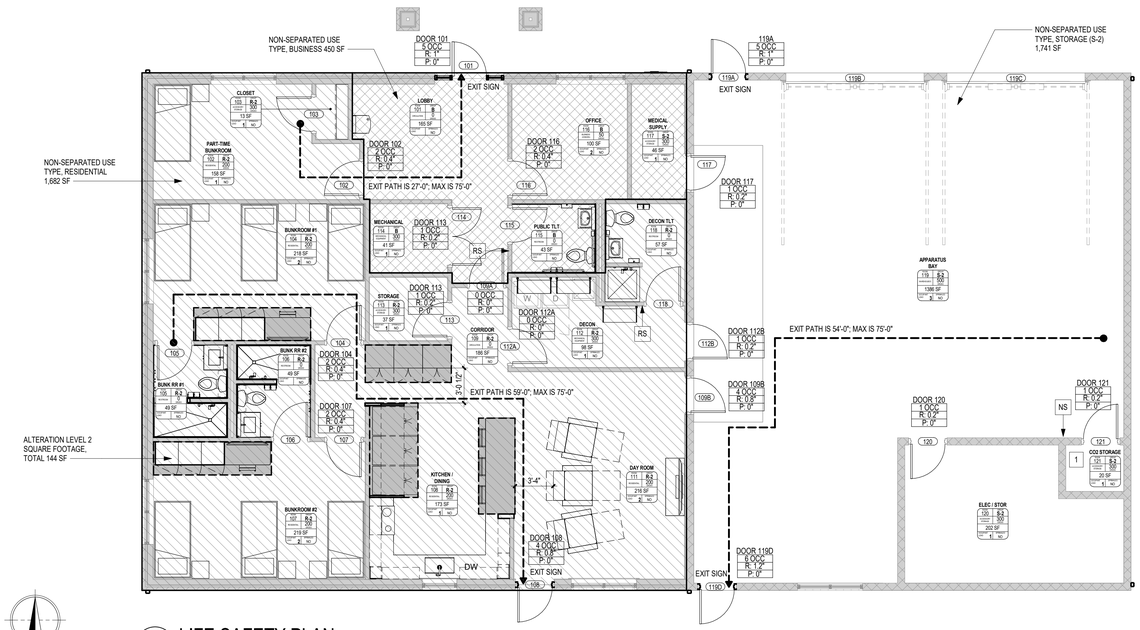
1	CASCADE OXYGEN ROOM WILL HOLD TYPE 'H' AND TYPE 'D' OXYGEN TANKS AT MAXIMUM TOTAL CAPACITY LESS THAN 3,000 CUBIC FEET.

OXIDIZING COMPRESSED GAS (OXYGEN) USE AND HANDLING ROOM 121

- OCCUPANCY & SCOPE: ROOM IS AN ACCESSORY USE. TOTAL OXYGEN INVENTORY REMAINS BELOW 3,000 CUBIC FEET (BELOW THE MAQ) PER IBC TABLE 307.1(1) AND IFC CHAPTER 50. NO FIRE-RATED SEPARATION REQUIRED.
- VENTILATION: ROOM IS PROVIDED WITH ADEQUATE VENTILATION IN ACCORDANCE WITH CGA P-1.
- CYLINDER RESTRAINT: ALL COMPRESSED GAS CYLINDERS (FULL AND EMPTY) SHALL BE SECURED AGAINST FALLING AT ALL TIMES (IFC 5303.5.3).
- TRANSFILLING: TRANSFER OF GASES BETWEEN CYLINDERS SHALL COMPLY WITH CGA P-1 STANDARDS (IFC 5305.7).
- SIGNAGE: PROVIDE "NO SMOKING" SIGNAGE AND NFPA 704 HAZARD IDENTIFICATION PLACARD AT ENTRANCE (IFC 5303.6). SIGNAGE PLACARD SHALL BE 14" W X 10" T MIN.

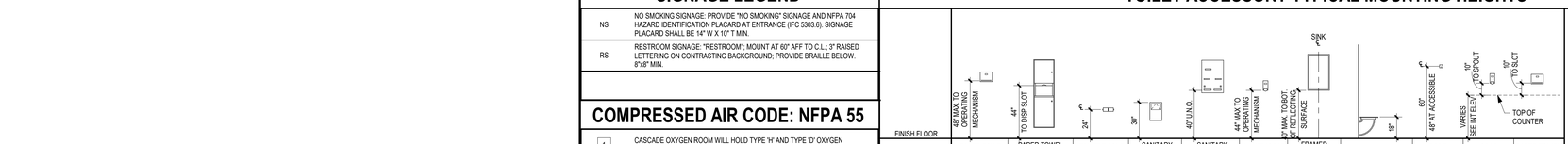


C1 EXISTING LIFE SAFETY PLAN
3/16" = 1'-0"



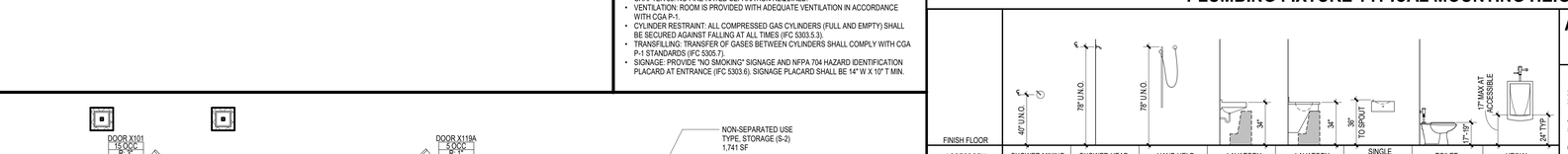
A1 LIFE SAFETY PLAN
3/16" = 1'-0"

TOILET ACCESSORY TYPICAL MOUNTING HEIGHTS



ACCESSORY TYPE	PAPER TOWEL DISPENSER	PAPER TOWEL DISPENSER & TRASH	TOILET TISSUE DISPENSER	SANITARY NAPKIN DISPOSAL	SANITARY NAPKIN DISPENSER	VANITY SOAP DISPENSER	FRAMED VANITY MIRROR	FOLDING SHOWER SEAT	ROBE HOOK	SOAP DISPENSER	PAPER TOWEL DISPENSER
COMMENTS	SURFACE MOUNTED	RECEPTACLE SEMI RECESSED	SURFACE MOUNTED	SURFACE MOUNTED	RECESSED & SURFACE	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED

PLUMBING FIXTURE TYPICAL MOUNTING HEIGHTS

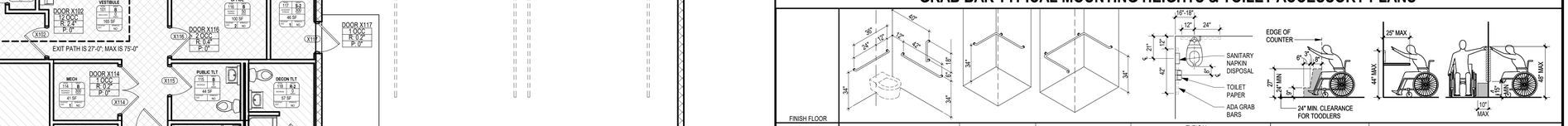


ACCESSORY TYPE	SHOWER MIXING VALVE	SHOWER HEAD	HAND HELD SHOWER	LAVATORY	LAVATORY	SINGLE DRINKING FOUNTAIN	TOILET	URINAL
COMMENTS	WALL MOUNTED	WALL MOUNTED	WALL MOUNTED	WALL MOUNTED	COUNTER MOUNTED	WALL MOUNTED	WALL/FLOOR MOUNTED	WALL MOUNTED

ACCESSORY & FIXTURE MOUNTING GENERAL NOTES

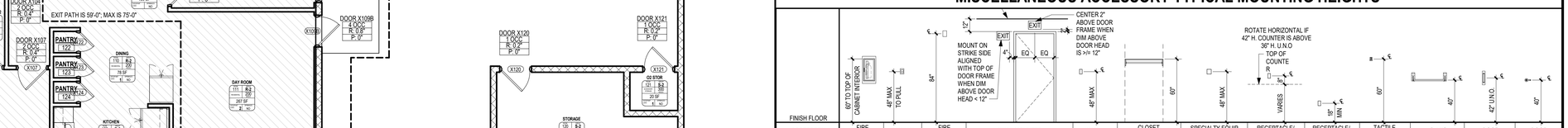
1. NOT ALL ACCESSORIES OR FIXTURES SHOWN HERE MAY BE USED IN THIS PROJECT.
2. APPLY TYPICAL MOUNTING HEIGHTS UNLESS NOTED OTHERWISE.
3. PROVIDE FIRE-TREATED WOOD BLOCKING OR STEEL SHEET BACKING AS APPROPRIATE FOR THE CONSTRUCTION TYPE AND ACCESSORY INSTALLATION REQUIREMENTS.
4. BLOCKING TO BE INSTALLED AT ALL GRAB BAR LOCATIONS.
5. SOLID WOOD BLOCKING SHALL BE LET-IN AND/OR OVERLAID AND SECURELY ANCHORED TO STUDS. BLOCKING MUST FIT SNUGLY AND FILL THE DESIGNATED SPACE.
6. GRAB BARS ARE TO BE MOUNTED WITH CONCEALED FASTENERS TO BLOCKING IN WALL. BLOCKING SHALL SUPPORT 800 LB STATIC LOAD AND 1,000 LB DYNAMIC LOAD. FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.
7. ALL EXPOSED WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISED CONFIGURED TO PROTECT AGAINST CONTACT.

GRAB BAR TYPICAL MOUNTING HEIGHTS & TOILET ACCESSORY PLANS



ACCESSORY TYPE	ADA TOILET GRAB BAR	SHOWER STALL GRAB BAR	ROLL-IN SHOWER STALL GRAB BAR	TYPICAL ACCESSORIES AT ACCESSIBLE TOILET	REQUIRED FRONT APPROACH KNEE CLEARANCE	OBSTRUCTED FORWARD REACH	UNOBSTRUCTED FORWARD/SIDE REACH
COMMENTS	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	NOTE: SANITARY NAPKIN DISPOSAL AT WOMEN'S & UNISEX ONLY	TYPICAL AT ALL VANITIES, DRINKING FOUNTAINS, ETC.	ADA REACH RANGES	

MISCELLANEOUS ACCESSORY TYPICAL MOUNTING HEIGHTS



ACCESSORY TYPE	FIRE EXTINGUISHER CABINET	MANUAL FIRE PULL	FIRE STROBE/LIGHT/ AUDIBLE ALARM	WALL MOUNTED EXIT SIGN	WALL SWITCH	CLOSET HANGAR ROD & SHELF	SPECIALTY EQUIP (THERMOSTAT, CARD READER, INTERCOM)	RECEPTACLE/ TELEPHONE/ DATA	RECEPTACLE/ TELEPHONE/ DATA	TACTILE CHARACTER INDICATOR	PANIC BAR	DOOR PULL	DOOR LATCH
COMMENTS	SEMI RECESSED	SURFACE MOUNTED	SURFACE MOUNTED	WALL MOUNTED	SURFACE MOUNTED	WALL MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED

CODE INFORMATION

PROJECT DESCRIPTION

ALTERATION LEVEL 1: 3,525 SF
ALTERATION LEVEL 2: 144 SF

EXISTING CONSTRUCTION - NOT SPRINKLED
CONSTRUCTION TYPE - ALTERATION LEVEL 2
RENOVATION OF A ONE-STORY BUILDING & INTERIORS
GROSS SQUARE FOOTAGE: 3,671

APPLICABLE CODES

BUILDING CODE:	2024 INTERNATIONAL EXISTING BUILDING CODE
ENERGY CODE:	2021 INTERNATIONAL ENERGY CONSERVATION CODE
MECHANICAL CODE :	2021 INTERNATIONAL MECHANICAL CODE
PLUMBING CODE:	2018 INTERNATIONAL PLUMBING CODE
ELECTRICAL CODE:	2020 NATIONAL ELECTRIC CODE
FUEL & GAS CODE:	2021 INTERNATIONAL FUEL GAS CODE
LIFE SAFETY:	2024 NFPA 101 LIFE SAFETY CODE
FIRE CODE:	2024 INTERNATIONAL FIRE CODE
AMERICAN WITH DISABILITY ACT:	2017 ICC/ANSI A117.1 ACCESSIBILITY CODE (ASSUMED)
COMPRESSED GAS CODE:	NFPA 55

ALLOWABLE BUILDING HEIGHTS & AREAS

- USE GROUP: B (PER IBC SECTION 304.1); R-2 (PER IBC SECTION 310.3); S-2 (PER IBC SECTION 311.3)
- CONSTRUCTION TYPE: III B (PER IBC SECTION 602.2)

ALLOWABLE STORIES (PER IBC TABLE 504.4): ACTUAL STORIES
OCCUPANCIES: B (MOST RESTRICTIVE) - 3 — 1

ALLOWABLE AREA (PER IBC TABLE 506.2): ACTUAL AREA
OCCUPANCIES: R-2 (MOST RESTRICTIVE) - 16,000 SF — 3,871 SF

ALLOWABLE HEIGHT (PER IBC TABLE 504.3): ACTUAL HEIGHT
OCCUPANCIES: ALL - 55' — 24'

EXISTING PLUMBING REQS

'B' USE GROUP (IBC TABLE 2902.1)
1 PER 25 WATER CLOSETS (MALE)
1 PER 25 WATER CLOSETS (FEMALE)
1 PER 40 LAVATORIES (MALE)
1 PER 40 LAVATORIES (FEMALE)
1 PER 100 DRINKING FOUNTAINS
1 SERVICE SINK

'R-2' USE GROUP (IBC TABLE 2902.1)
1 PER 10 WATER CLOSETS (MALE)
1 PER 10 WATER CLOSETS (FEMALE)
1 PER 10 LAVATORIES (MALE)
1 PER 10 LAVATORIES (FEMALE)
1 PER 8 BATHS / SHOWERS (MALE)
1 PER 8 BATHS / SHOWERS (FEMALE)
1 PER 100 DRINKING FOUNTAINS
1 SERVICE SINK

'S-2' USE GROUP (IBC TABLE 2902.1)
1 PER 100 WATER CLOSETS (MALE)
1 PER 100 WATER CLOSETS (FEMALE)
1 PER 100 LAVATORIES (MALE)
1 PER 100 LAVATORIES (FEMALE)
1 PER 1000 DRINKING FOUNTAINS
1 SERVICE SINK

'B' TOTAL OCCUPANTS = 5
3/25 = 0.5 WC
3/25 = 0.5 WC
3/40 = 0.5 LAV
3/40 = 0.5 LAV
5/100 = 1 FOUNTAIN
= 1 SERVICE SINK

'R-2' TOTAL OCCUPANTS = 8
4/10 = 0.5 WC
4/10 = 0.5 WC
4/10 = 0.5 LAV
4/10 = 0.5 LAV
4/8 = 1 SHOWERS
4/8 = 1 SHOWERS
8/100 = 1 FOUNTAIN
= 1 SERVICE SINK

'S-2' TOTAL OCCUPANTS = 6
3/100 = 0.5 WC
3/100 = 0.5 WC
3/100 = 0.5 LAV
3/100 = 0.5 LAV
6/1000 = 1 FOUNTAIN
= 1 SERVICE SINK

TOTAL FIXTURES REQUIRED: 3 WC, 3 LAV, 2 SHOWERS
1 DRINKING FOUNTAIN, 1 SERVICE SINK
TOTAL FIXTURES PROVIDED: 4 WC, 4 LAV, 3 SHOWERS, 1 DRINKING FOUNTAIN
1 SERVICE SINK

MEANS OF EGRESS

EXIT TRAVEL DISTANCE: (IBC TABLE 1006.2.1)
(B) 75 FT MAX (WITH NO SPRINKLER SYSTEM)
(R-2) 75 FT MAX (WITH NO SPRINKLER SYSTEM)
(S-2) 100 FT MAX (WITH NO SPRINKLER SYSTEM)

CORRIDOR RATING: (IBC TABLE 1020.1)
1 WITH SPRINKLER SYSTEM

EXIT REQUIREMENTS: (IBC TABLE 1017.2)
2 REQUIRED, 4 PROVIDED

OCCUPANT LOADS: (IBC TABLE 1004.5)
BUILDING PRE-CONSTRUCTION
150 SF PER OCCUPANT (B - BUSINESS)
200 SF PER OCCUPANT (R-2 - RESIDENTIAL)
300 SF PER OCCUPANT (S-2 - LOW-HAZARD)
657 / 150 = ≥ 5 'B' OCCUPANTS
1475 / 200 = ≥ 8 'R-2' OCCUPANTS
1741 / 300 = ≥ 6 'S-2' OCCUPANTS
TOTAL: 19 OCCUPANTS

BUILDING POST-CONSTRUCTION
150 SF PER OCCUPANT (B - BUSINESS)
200 SF PER OCCUPANT (R-2 - RESIDENTIAL)
300 SF PER OCCUPANT (S-2 - LOW-HAZARD)
450 / 150 = ≥ 3 'B' OCCUPANTS
1682 / 200 = ≥ 9 'R-2' OCCUPANTS
1741 / 300 = ≥ 6 'S-2' OCCUPANTS
TOTAL: 18 OCCUPANTS

PROPOSED PLUMBING REQS

'B' USE GROUP (IBC TABLE 2902.1)
1 PER 25 WATER CLOSETS (MALE)
1 PER 25 WATER CLOSETS (FEMALE)
1 PER 40 LAVATORIES (MALE)
1 PER 40 LAVATORIES (FEMALE)
1 PER 100 DRINKING FOUNTAINS
1 SERVICE SINK

'R-2' USE GROUP (IBC TABLE 2902.1)
1 PER 10 WATER CLOSETS (MALE)
1 PER 10 WATER CLOSETS (FEMALE)
1 PER 10 LAVATORIES (MALE)
1 PER 10 LAVATORIES (FEMALE)
1 PER 8 BATHS / SHOWERS (MALE)
1 PER 8 BATHS / SHOWERS (FEMALE)
1 PER 100 DRINKING FOUNTAINS
1 SERVICE SINK

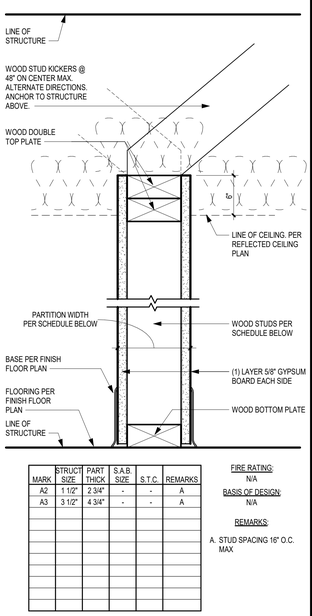
'S-2' USE GROUP (IBC TABLE 2902.1)
1 PER 100 WATER CLOSETS (MALE)
1 PER 100 WATER CLOSETS (FEMALE)
1 PER 100 LAVATORIES (MALE)
1 PER 100 LAVATORIES (FEMALE)
1 PER 1000 DRINKING FOUNTAINS
1 SERVICE SINK

'B' TOTAL OCCUPANTS = 3
2/25 = 0.5 WC
2/25 = 0.5 WC
2/40 = 0.5 LAV
2/40 = 0.5 LAV
3/100 = 1 FOUNTAIN
= 1 SERVICE SINK

'R-2' TOTAL OCCUPANTS = 9
5/10 = 0.5 WC
5/10 = 0.5 WC
5/10 = 0.5 LAV
5/10 = 0.5 LAV
5/8 = 1 SHOWERS
5/8 = 1 SHOWERS
9/100 = 1 FOUNTAIN
= 1 SERVICE SINK

'S-2' TOTAL OCCUPANTS = 6
3/100 = 0.5 WC
3/100 = 0.5 WC
3/100 = 0.5 LAV
3/100 = 0.5 LAV
6/1000 = 1 FOUNTAIN
= 1 SERVICE SINK

TOTAL FIXTURES REQUIRED: 3 WC, 3 LAV, 2 SHOWERS
1 DRINKING FOUNTAIN, 1 SERVICE SINK
TOTAL FIXTURES PROVIDED: 4 WC, 4 LAV, 3 SHOWERS, 1 DRINKING FOUNTAIN
1 SERVICE SINK



MARK	STRUCT SIZE	PART THICK	S.A.B. SIZE	S.T.C.	REMARKS
A2	1 1/2"	2 3/4"	-	-	A
A3	3 1/2"	4 3/4"	-	-	A

FIRE RATING:
N/A
BASIS OF DESIGN:
N/A
REMARKS:
A. STUD SPACING 16" O.C. MAX

A NON-RATED PARTITION
SCALE: 3" = 1'-0"

ROY A. MANGAN
NUMBER A-6661
ARCHITECT
STATE OF MISSOURI
Roy A. Mangan 10/16/2026
MO Architect License No: A-6661
Expires: 12/31/2026

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Proposed: House 3 Renovations
MERAMEC AMBULANCE DISTRICT - STATION NO. 3
7390 STATE HIGHWAY O

No.	Date	Revision
	10/16/2026	BIDDING / PERMIT DOCUMENTS

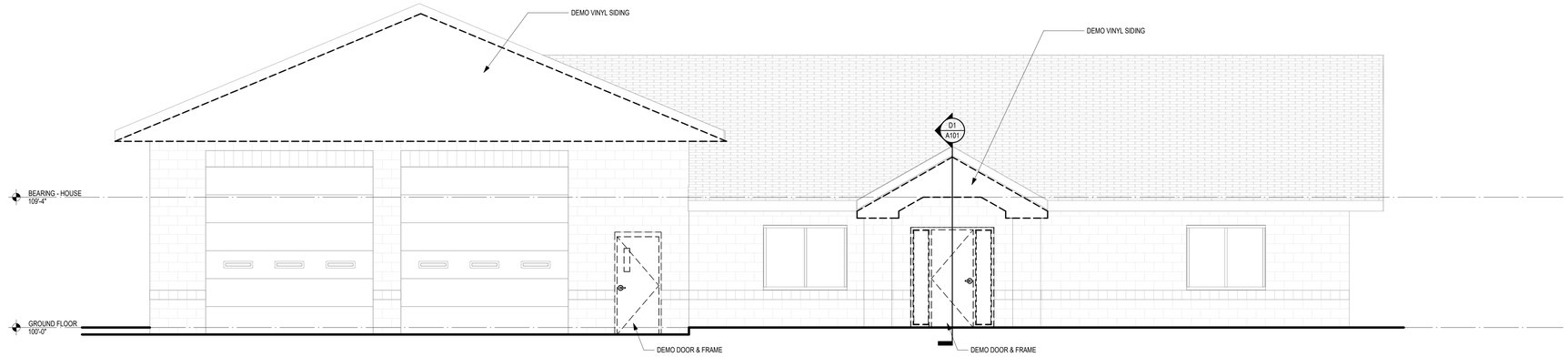
LIFE SAFETY PLAN & TYP MOUNTING

Project No.
25083

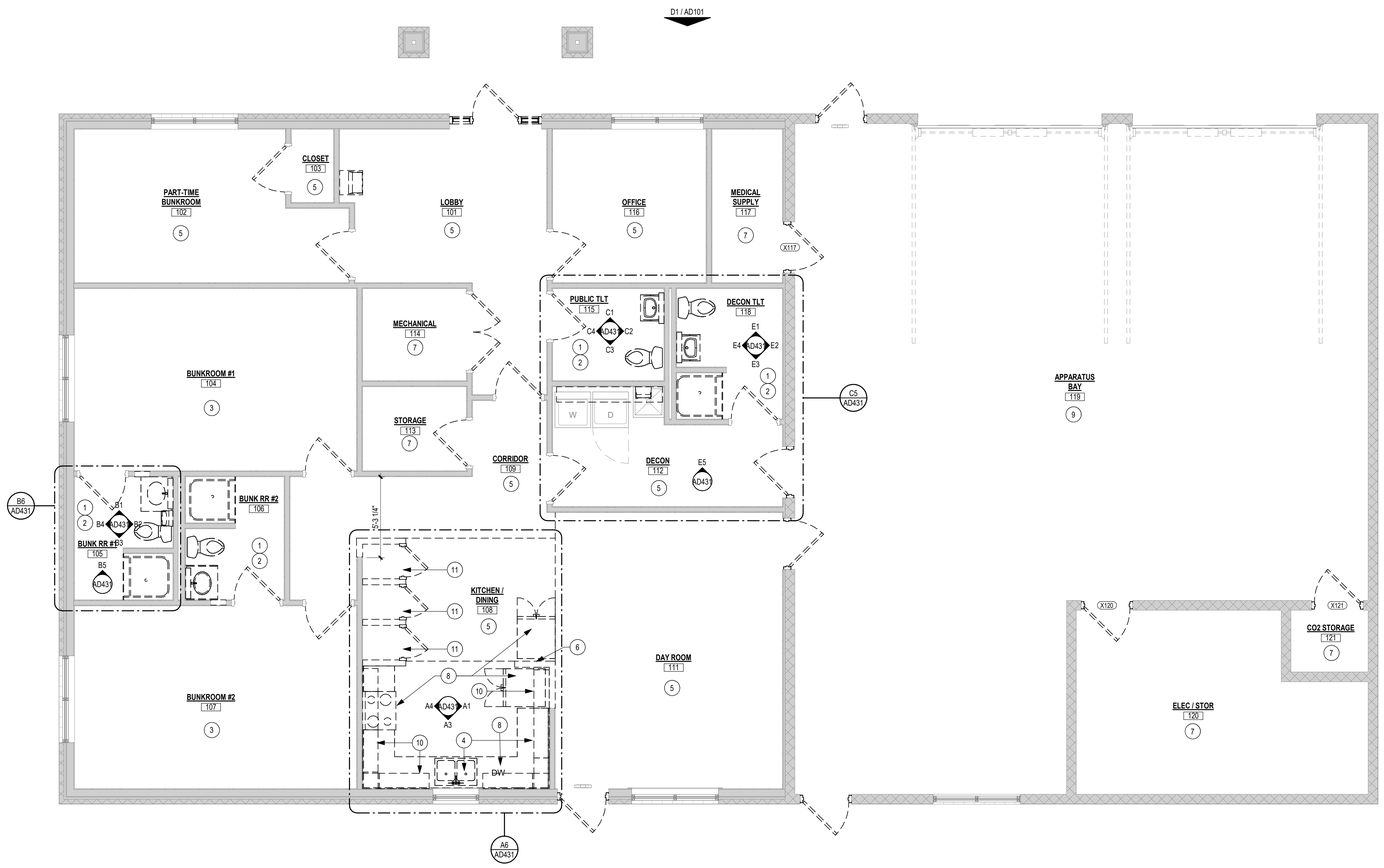
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D1 NORTH DEMO EXTERIOR ELEVATION
1/4" = 1'-0"



A1 DEMOLITION PLAN
1/4" = 1'-0"

N

DEMOLITION GENERAL NOTES

1. COORDINATE ALL DEMOLITION AND NEW CONSTRUCTION BEFORE BEGINNING WORK. SUBMIT PROPOSED WORK SCHEDULE TO OWNER FOR APPROVAL.
2. SCHEDULE ACCESS TIMES TO WORK WITH OWNER.
3. COORDINATE TIMES FOR DELIVERY OF MATERIALS AND REMOVAL OF DEBRIS WITH OWNER.
4. RESTRICT WORK IN BUILDING INTERIOR TO AREAS INDICATED ON PLAN. PROTECT ADJACENT AREAS FROM DUST, DIRT, AND NOISE. PROTECT EXISTING FINISHES AND REPAIR ANY DAMAGE INCURRED DURING THE COURSE OF CONSTRUCTION TO MATCH EXISTING CONDITION.
5. ALL EXISTING FINISHES AND FIXTURES OUTSIDE OF DESIGNATED WORK AREAS ARE TO REMAIN EXCEPT FOR REMOVAL OR CUTTING AS MAY BE REQUIRED TO ACCOMMODATE NEW WORK.
6. CARE IS TO BE EXERCISED IN DEMOLITION OPERATIONS. EXISTING SURFACES TO REMAIN SHALL BE PROTECTED. ANY DAMAGE INCURRED AS A RESULT OF CARELESS INSTALLATION OF NEW WORKS SHALL BE CONTRACTORS RESPONSIBILITY. CONTRACTOR SHALL BEAR THE COST OF REPAIRING SUCH DAMAGE.
7. OWNER RESERVES THE RIGHT OF REFUSAL FOR POSSESSION OF ALL EXISTING ITEMS INCLUDING DOORS, HARDWARE, LIGHT FIXTURES, ETC. TO BE REMOVED BUT NOT REUSED. COORDINATE DELIVERY TIMES WITH OWNER.
8. REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION.
9. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
10. ALL OPENINGS IN WALLS, FLOORS, AND CEILINGS RESULTING FROM EQUIPMENT AND/OR PIPE REMOVAL SHALL BE INFILLED TO MATCH EXISTING SURROUNDING WALLS, FLOOR & CEILINGS AND TO MAINTAIN ANY APPLICABLE FIRE RATING REQUIREMENTS.
11. REMOVE FLOOR FINISHES ENTIRELY WHERE NOTED. CLEAN SLAB AND PREPARE TO RECEIVE NEW FLOORING.

KEYED NOTES DEMO PLAN

MARK	DESCRIPTION
1	REMOVE EXIST. RESTROOM PLUMBING FIXTURES.
2	REMOVE EXIST. RESTROOM FLOOR TILE & TOILET ACCESSORIES.
3	REMOVE EXIST. BUNK ROOM CARPET, WALL BASE, FURNITURE, WINDOW TREATMENTS.
4	REMOVE EXIST. KITCHEN COUNTERTOPS & SINK.
5	REMOVE EXIST. FLOORING FINISHES, WALL BASE, WINDOW TREATMENTS.
6	REMOVE EXIST. INTERIOR PARTITION. PATCH GYP. BOARD CEILING AFTER REMOVAL SMOOTH/FLUSH WITH SURROUNDING GYP. BOARD CEILING.
7	NO DEMO WORK IN THIS ROOM
8	REMOVE EXIST. APPLIANCES AND REPLACE WITH NEW APPLIANCES
9	SANDBLAST EXISTING CONCRETE FINISH
10	DEMO ALL CABINETS
11	DEMO EXISTING PANTRIES

STATE OF MISSOURI
ROY A. MANGAN
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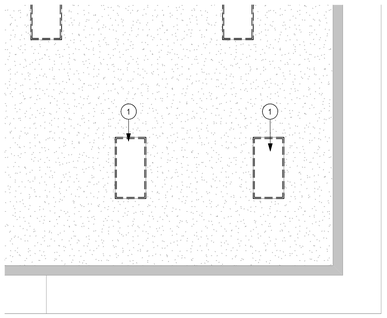
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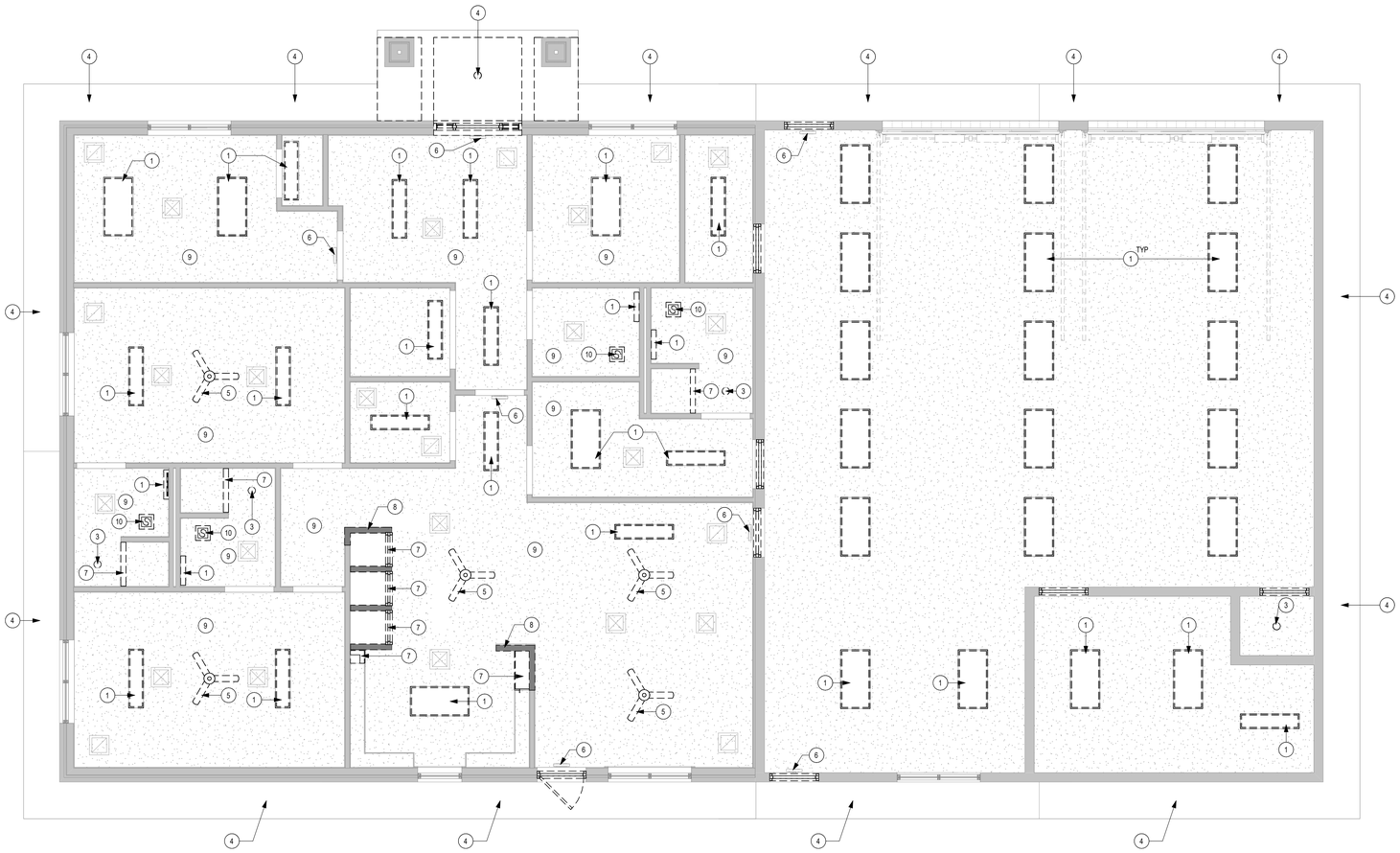
DEMO PLAN & EXT ELEV

Project No. 25083
Sheet No. AD101
Date 10/16/2026

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D4 DEMO MEZZANINE RCP
1/4" = 1'-0"



A1 DEMO RCP
1/4" = 1'-0"

DEMOLITION GENERAL NOTES

1. COORDINATE ALL DEMOLITION AND NEW CONSTRUCTION BEFORE BEGINNING WORK. SUBMIT PROPOSED WORK SCHEDULE TO OWNER FOR APPROVAL.
2. SCHEDULE ACCESS TIMES TO WORK WITH OWNER.
3. COORDINATE TIMES FOR DELIVERY OF MATERIALS AND REMOVAL OF DEBRIS WITH OWNER.
4. RESTRICT WORK IN BUILDING INTERIOR TO AREAS INDICATED ON PLAN. PROTECT ADJACENT AREAS FROM DUST, DIRT, AND NOISE. PROTECT EXISTING FINISHES AND REPAIR ANY DAMAGE INCURRED DURING THE COURSE OF CONSTRUCTION TO MATCH EXISTING CONDITION.
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7. OWNER RESERVES THE RIGHT OF REFUSAL FOR POSSESSION OF ALL EXISTING ITEMS INCLUDING DOORS, HARDWARE, LIGHT FIXTURES, ETC. TO BE REMOVED BUT NOT REUSED. COORDINATE DELIVERY TIMES WITH OWNER.
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11. REMOVE FLOOR FINISHES ENTIRELY WHERE NOTED. CLEAN SLAB AND PREPARE TO RECEIVE NEW FLOORING.

KEYED NOTES DEMO REF. CLG. PLAN

MARK	DESCRIPTION
1	REMOVE EXIST. LIGHT FIXTURES. REPLACE WITH NEW LED LIGHT FIXTURES IN SAME LOCATIONS. SEE NEW RCP AND ELECTRICAL SHEETS FOR MORE INFORMATION.
3	REMOVE EXIST. RECESSED CAN LIGHT. SEE NEW RCP AND ELECTRICAL SHEETS FOR MORE INFORMATION.
4	REMOVE EXIST. EXTERIOR RECESSED CAN LIGHT. REPLACE WITH NEW RECESSED EXTERIOR LED CAN LIGHT. SEE NEW RCP AND ELECTRICAL SHEETS FOR MORE INFORMATION.
5	REMOVE EXIST. CEILING FAN. REPLACE WITH NEW CEILING FAN IN SAME LOCATION. SEE NEW RCP AND ELECTRICAL SHEETS FOR MORE INFORMATION.
6	EXIST. EXIT SIGN TO REMAIN
7	REMOVE EXIST. GYP. BOARD SOFFIT
8	DEMO WALL, PATCH CEILING
9	ALL EXISTING DRYWALL CEILINGS AND SOFFITS, ETC TO REMAIN ARE TO BE PREPARED TO RECEIVE NEW PAINTED FINISH. REMOVE/REPAIR ALL EXISTING BLEMISHES, JOINT FAILURES AND "NAIL POPS" IN PREPARATION FOR NEW PAINTED FINISHES.
10	DEMO RESTROOM EXHAUST FANS, TO BE REPLACED

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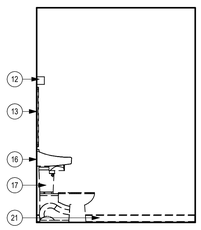
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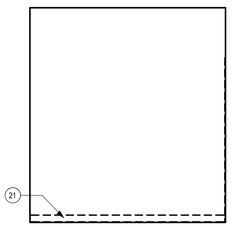
RCP DEMO PLAN

Project No. 25083
Sheet No. AD102
Date 10/16/2026

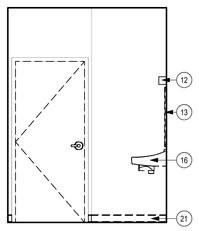
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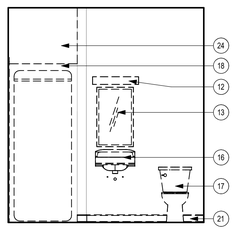
E1 DEMO - DECON RR NORTH
3/8" = 1'-0"



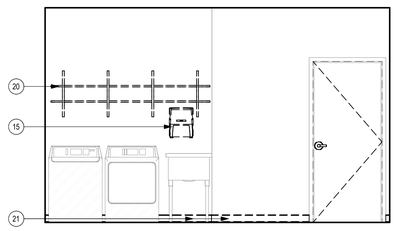
E2 DEMO - DECON RR EAST
3/8" = 1'-0"



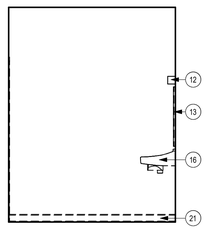
E3 DEMO - DECON RR SOUTH
3/8" = 1'-0"



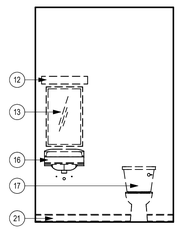
E4 DEMO - DECON RR WEST
3/8" = 1'-0"



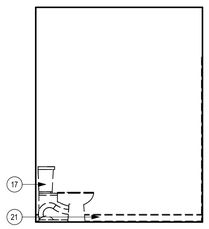
E5 DEMO - DECON NORTH
3/8" = 1'-0"



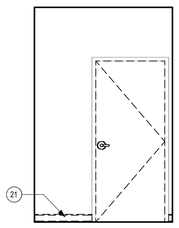
C1 DEMO - PUBLIC RR NORTH
3/8" = 1'-0"



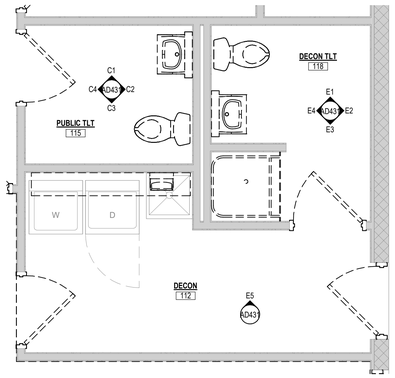
C2 DEMO - PUBLIC RR EAST
3/8" = 1'-0"



C3 DEMO - PUBLIC RR SOUTH
3/8" = 1'-0"



C4 DEMO - PUBLIC RR WEST
3/8" = 1'-0"



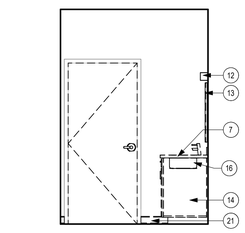
C5 DEMO PLAN - DECON & PUBLIC RR
3/8" = 1'-0"

DEMOLITION GENERAL NOTES

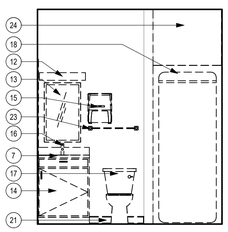
1. COORDINATE ALL DEMOLITION AND NEW CONSTRUCTION BEFORE BEGINNING WORK. SUBMIT PROPOSED WORK SCHEDULE TO OWNER FOR APPROVAL.
2. SCHEDULE ACCESS TIMES TO WORK WITH OWNER.
3. COORDINATE TIMES FOR DELIVERY OF MATERIALS AND REMOVAL OF DEBRIS WITH OWNER.
4. RESTRICT WORK IN BUILDING INTERIOR TO AREAS INDICATED ON PLAN. PROTECT ADJACENT AREAS FROM DUST, DIRT, AND NOISE. PROTECT EXISTING FINISHES AND REPAIR ANY DAMAGE INCURRED DURING THE COURSE OF CONSTRUCTION TO MATCH EXISTING CONDITION.
5. ALL EXISTING FINISHES AND FIXTURES OUTSIDE OF DESIGNATED WORK AREAS ARE TO REMAIN EXCEPT FOR REMOVAL OR CUTTING AS MAY BE REQUIRED TO ACCOMMODATE NEW WORK.
6. CARE IS TO BE EXERCISED IN DEMOLITION OPERATIONS. EXISTING SURFACES TO REMAIN SHALL BE PROTECTED. ANY DAMAGE INCURRED AS A RESULT OF CARELESS INSTALLATION OF NEW WORKS SHALL BE CONTRACTORS RESPONSIBILITY. CONTRACTOR SHALL BEAR THE COST OF REPAIRING SUCH DAMAGE.
7. OWNER RESERVES THE RIGHT OF REFUSAL FOR POSSESSION OF ALL EXISTING ITEMS INCLUDING DOORS, HARDWARE, LIGHT FIXTURES, ETC. TO BE REMOVED BUT NOT REUSED. COORDINATE DELIVERY TIMES WITH OWNER.
8. REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION.
9. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
10. ALL OPENINGS IN WALLS, FLOORS, AND CEILINGS RESULTING FROM EQUIPMENT AND/OR PIPE REMOVAL SHALL BE INFILLED TO MATCH EXISTING SURROUNDING WALLS, FLOOR & CEILINGS AND TO MAINTAIN ANY APPLICABLE FIRE RATING REQUIREMENTS.
11. REMOVE FLOOR FINISHES ENTIRELY WHERE NOTED. CLEAN SLAB AND PREPARE TO RECEIVE NEW FLOORING.

KEYED NOTES DEMO ELEV.

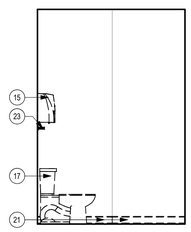
MARK	DESCRIPTION
1	DEMO FAN, REFER TO DEMO RCP
2	DEMO WALL, REFER TO DEMO FLOOR PLAN
3	DEMO DOOR, REFER TO DEMO FLOOR PLAN
5	DEMO COMBO MICROWAVE / EXHAUST FAN
6	DEMO SINK & FAUCET, REFER TO DEMO FLOOR PLAN
7	DEMO COUNTERTOPS, REFER TO DEMO FLOOR PLAN
8	DEMO ALL CABINETS
9	DEMO OVEN/RANGE
11	DEMO FRIDGE
12	DEMO LIGHT
13	DEMO MIRROR
14	DEMO CASEWORK
15	DEMO PAPER TOWEL DISPENSER
16	DEMO SINK
17	DEMO TOILET
18	DEMO SHOWER DOOR, PAN, FIXTURE AND SHOWER ENCLOSURE
20	DEMO SHELVING
21	DEMO WALL TRIM
23	DEMO TOWEL RACK
24	DEMO SOFFITS
25	KEEP SOFFITS



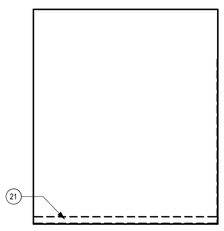
B1 DEMO - BUNK RR NORTH
3/8" = 1'-0"



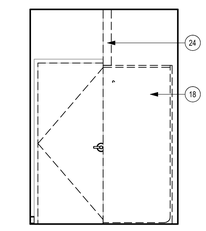
B2 DEMO - BUNK RR EAST
3/8" = 1'-0"



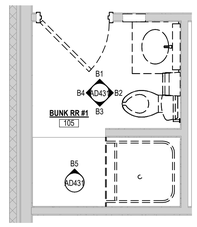
B3 DEMO - BUNK RR SOUTH
3/8" = 1'-0"



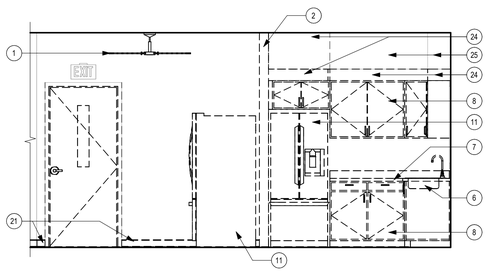
B4 DEMO - BUNK RR WEST
3/8" = 1'-0"



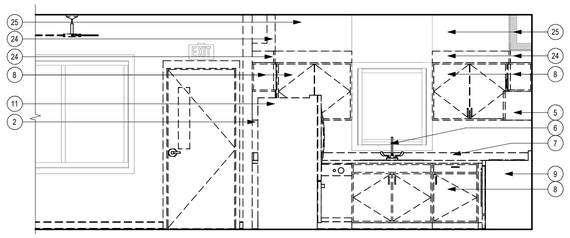
B5 DEMO - BUNK NORTH 2
3/8" = 1'-0"



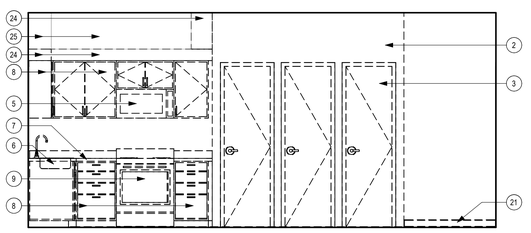
B6 DEMO PLAN - BUNK RR
3/8" = 1'-0"



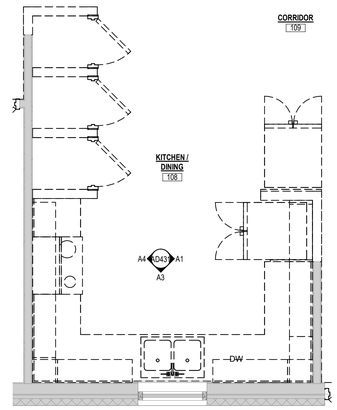
A1 DEMO - KITCHEN EAST
3/8" = 1'-0"



A3 DEMO - KITCHEN SOUTH
3/8" = 1'-0"



A4 DEMO - KITCHEN WEST
3/8" = 1'-0"



A6 DEMO PLAN - KITCHEN
3/8" = 1'-0"

STATE OF MISSOURI
ROY A. MANGAN
NUMBER A-6661
ARCHITECT
Roy A. Mangan 10/16/2026
MO Architect License No: A-6661
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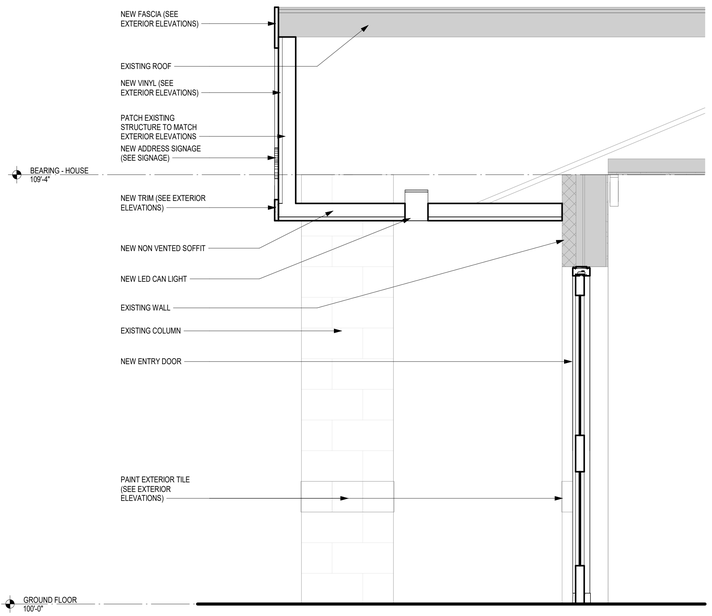
Proposed: House 3 Renovations
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DISTRICT - STATION NO. 3
7390 STATE HIGHWAY O ROBERTSVILLE, MO 63072

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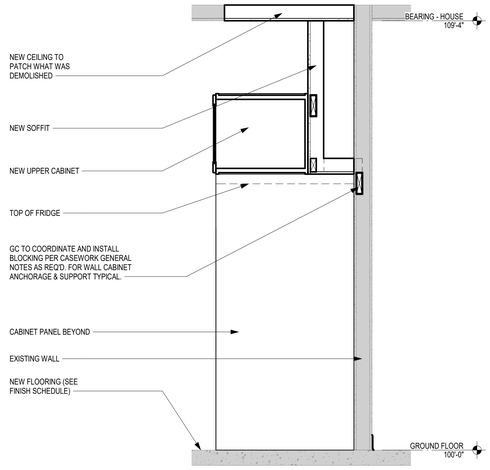
DEMO ELEVATIONS

Project No. 25083
Sheet No. AD431
Date 10/16/2026

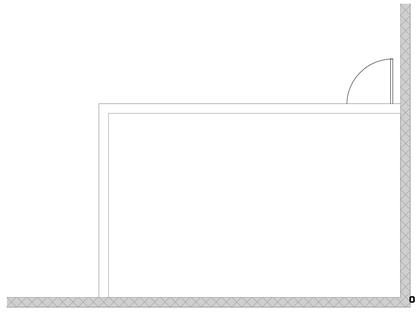
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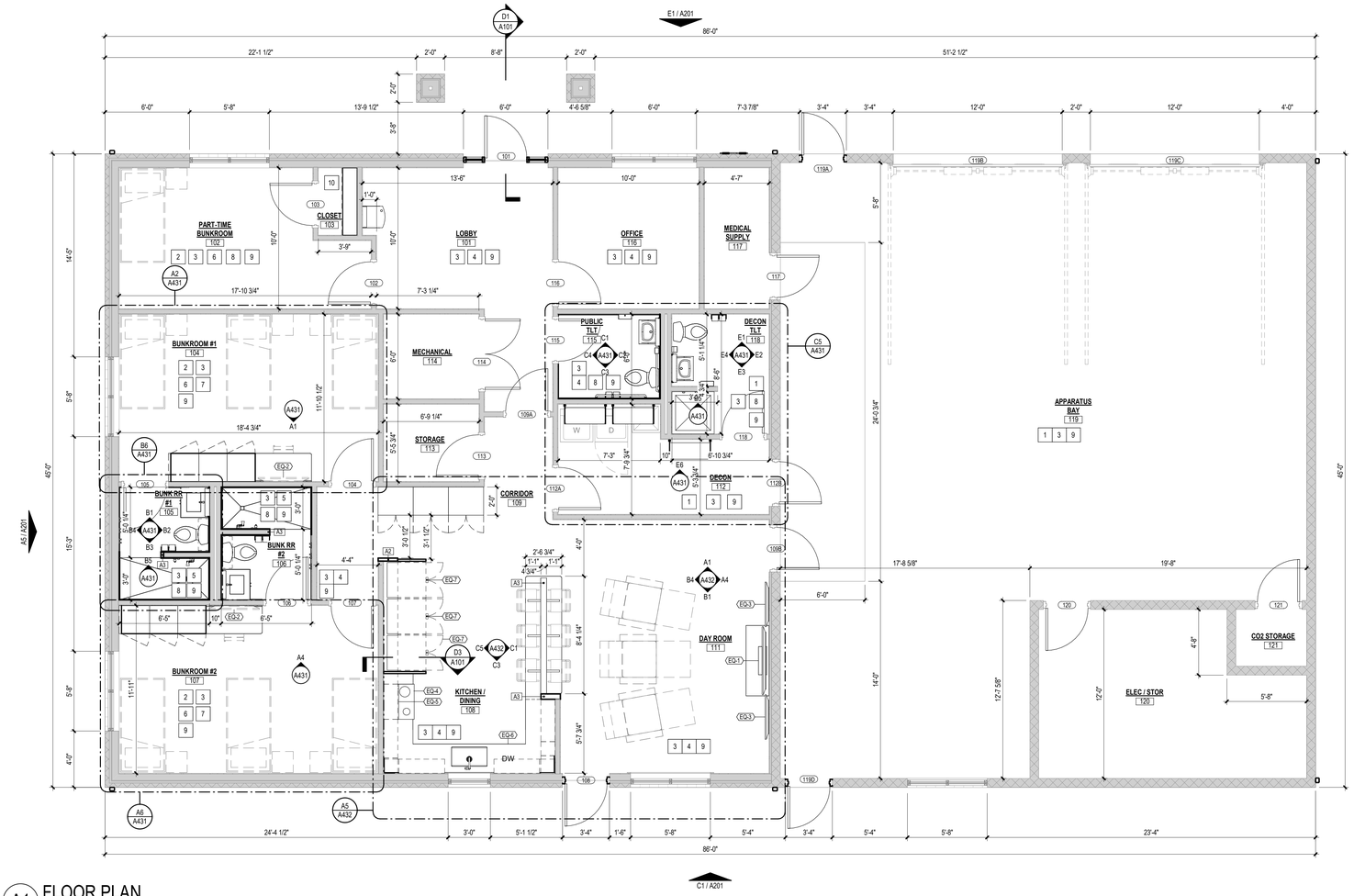
D1 WALL SECTION - FRONT OVERHANG
3/4" = 1'-0"



D3 WALL SECTION - FRIDGE SOFFIT
3/4" = 1'-0"



D5 FLOOR PLAN MEZZANINE
1/4" = 1'-0"



A1 FLOOR PLAN
1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

1. REFERENCE GENERAL NOTES FOR ADDITIONAL APPLICABLE INFORMATION.
2. THE GENERAL CONTRACTOR SHALL INSTALL REQUIRED WALL BLOCKING FOR ALL CASEWORK, SHELVING, AND EQUIPMENT. SEE DRAWINGS FOR EXACT LOCATIONS. ANY WOOD BLOCKING SHALL BE FIRE TREATED.
3. THE GENERAL CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AND DIMENSIONS AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES THAT MAY AFFECT THE WORK PRIOR TO COMMENCING CONSTRUCTION.
4. ALL DIMENSIONS ARE TO THE FINISH FACE OF NEW PARTITIONS AND TO FINISH FACE OF EXISTING INTERIOR PARTITIONS AND PERIMETER WALLS TO REMAIN UNLESS NOTED OTHERWISE.
5. PATCH ALL FLOORS AFFECTED BY THE REMOVAL OF EXISTING FINISHES AND DEMOLITION OF PARTITIONS, EQUIPMENT, CASEWORK, ETC. AS REQUIRED FOR REFINISHING.
6. PATCH, LEVEL, AND/OR FEATHER THE EXISTING FLOOR SUCH THAT THE NEW FLOOR IS LEVEL AND ALL TRANSITIONS ARE LEVEL AND SMOOTH.
7. INSTALL REDUCER STRIPS BETWEEN DIFFERENT FLOOR FINISH LEVELS AND FINISHES AS REQUIRED.
8. PATCH ALL PARTITIONS AFFECTED BY THE DEMOLITION OF INTERSECTING PARTITIONS AS REQUIRED FOR REFINISHING.
9. PATCH/INFILL ALL HOLES WITHIN EXISTING WALLS AS REQUIRED FOR REFINISHING.
10. UNLESS NOTED OTHERWISE, ALL MATERIALS AND EQUIPMENT SHOWN ON THE DRAWINGS OTHER THAN THE EXISTING IS TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
11. ALL ITEMS TO BE RELOCATED AND REUSED ARE TO BE STORED BY THE CONTRACTOR UNTIL REINSTALLATION. PROTECT FROM DAMAGE THROUGHOUT CONSTRUCTION.
12. PROVIDE PLASTIC DUST COVER TO PROTECT EXISTING EQUIPMENT, FILES, ETC. WHERE REQUIRED.
13. MAINTAIN ALL NECESSARY COMMUNICATIONS AND FIRE PROTECTION SYSTEMS, EXISTING REQUIRED EXITS, EXIT CORRIDORS, AND ITEMS AFFECTING THE HEALTH AND SAFETY OF ALL OCCUPANTS AT ALL TIMES THROUGHOUT CONSTRUCTION.
14. INTENT OF MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION WORK IS REFLECTED ON THE DRAWINGS. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR FULL EXTENT OF WORK.
15. IF MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION WORK IS OUTSIDE OF THE PROJECT AREA, CONTACT THE OWNER FOR RESTRICTIONS THAT MAY APPLY TO THOSE AREAS AND COORDINATE AND SCHEDULE ALL WORK. PROTECT ADJACENT AREAS, EQUIPMENT, ETC.

KEYED NOTES FLOOR PLAN

MARK	DESCRIPTION
1	PREP FLOOR AND INSTALL NEW EPOXY RESIN FLOOR AND EPOXY RESIN BASE THROUGHOUT ROOM.
2	PREP FLOOR AND INSTALL NEW KINETEX CARPETING AND VINYL COVE BASE THROUGHOUT ROOM
3	PATCH ALL WALL BLEMISHES, JOINT FAILURES AND "NAIL POPS" AND REPAINT ALL WALL SURFACES.
4	NEW FLOORING
5	NEW SHOWER PAN AND SOLID SURFACE WALL TREATMENT
6	NEW BLACKOUT ROLLER SHADES
7	ADD OUTLET FOR TV
8	ROUGH IN CABLING FOR SPEAKERS; SPEAKER INSTALLATION BY OTHERS
9	NEW OUTLETS, OUTLET COVERS, LIGHT SWITCHES, LIGHT SWITCH COVERS, AND DATA PORT COVERS.
10	NEW HANGER ROD AND LAMINATE SHELF

EQUIPMENT LEGEND

MARK	QTY	EQUIPMENT	SUPPLIED / INSTALLED
EQ-1	1	65" TV MONITOR & BRACKETS BY OWNER, GC TO INSTALL BRACKETS & MONITORS	OWNER / CONTRACTOR
EQ-2	2	48" TV MONITOR WITH WALL MOUNTED EXTENDABLE TV BRACKET (BY OWNER), GC TO INSTALL BRACKETS & MONITORS	OWNER / CONTRACTOR
EQ-3	2	42" TV MONITOR & BRACKET BY OWNER, GC TO INSTALL BRACKETS & MONITORS	OWNER / CONTRACTOR
EQ-4	1	30" ELECTRIC RANGE	OWNER / CONTRACTOR
EQ-5	1	24" MICROWAVE WITH VENT	OWNER / CONTRACTOR
EQ-6	1	24" WIDE DISHWASHER	OWNER / CONTRACTOR
EQ-7	3	30" WIDE FRENCH DOOR REFRIDGERATOR WITH WATER AND ICE (GC TO HOOK UP TO WATER LINE)	OWNER / CONTRACTOR

STATE OF MISSOURI
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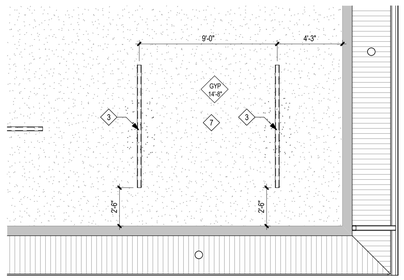
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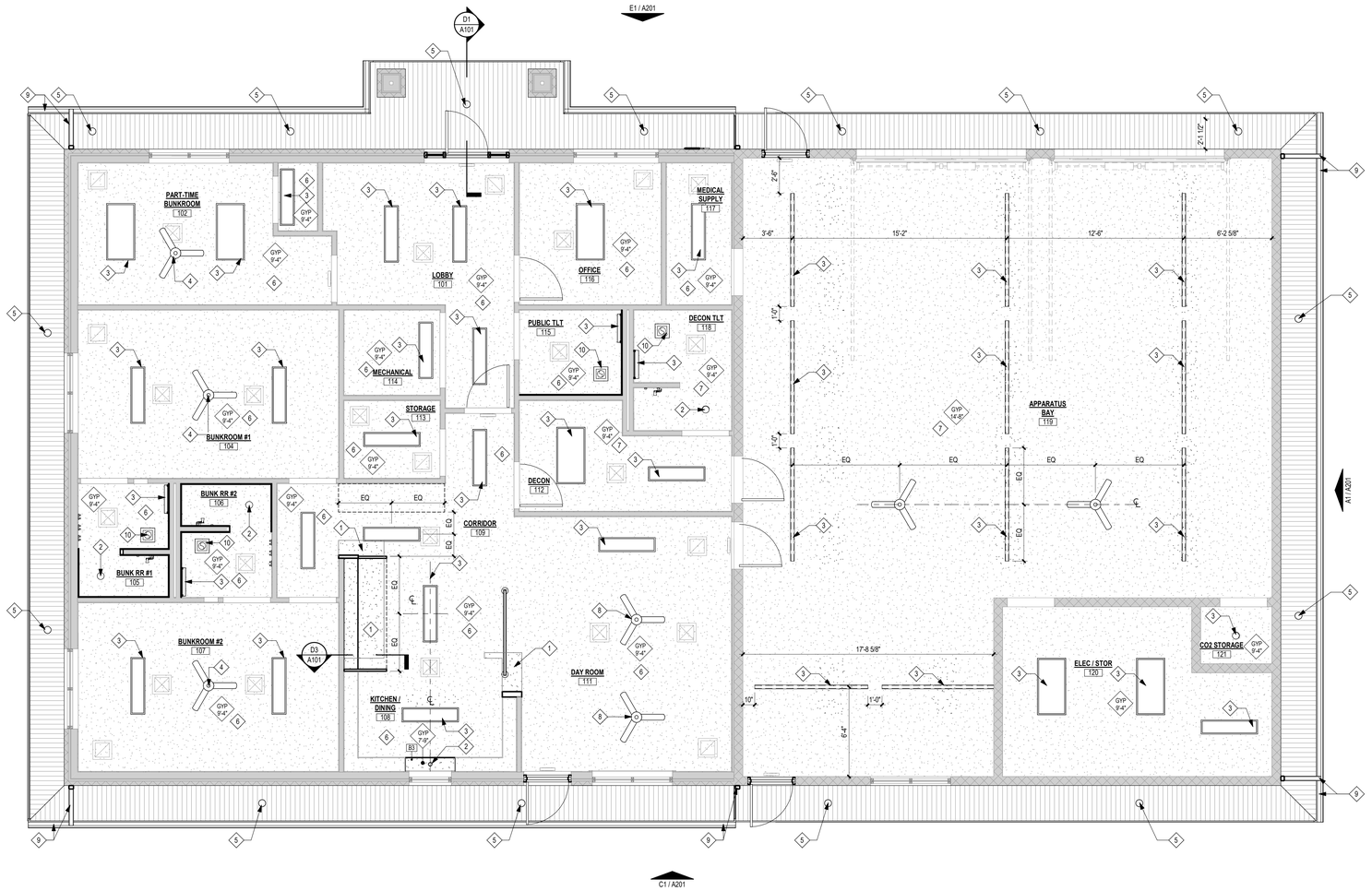
GROUND FLOOR & MEZZANINE PLANS

Project No. 25083
Sheet No. A101
Date 10/16/2026

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D5 REFLECTED CEILING PLAN - MEZZ
1/4" = 1'-0"



A1 REFLECTED CEILING PLAN
1/4" = 1'-0"

REF. CLG. PLAN GENERAL NOTES

1. INSTALL ACOUSTIC SOUND BATT INSULATION OVER ALL PARTITIONS ABOVE CEILING TO 24" EA. SIDE OF PARTITION, TYP.
2. SEE INTERIOR ELEVATIONS FOR LOCATIONS OF UNDERCABINET LIGHT FIXTURES.
3. LIGHT FIXTURES, EXIT SIGNS, FIRE STROBES/CHIMES, ETC. TO MATCH BUILDING STANDARD UNLESS NOTED OTHERWISE.
4. NO COMBUSTIBLE MATERIAL SHALL BE INSTALLED IN A RETURN AIR PLENUM.
5. ALL CEILING, BULKHEAD, AND SOFFIT HEIGHTS ARE TAKEN FROM REFERENCED FINISH FLOOR.
6. PAINT ALL GYPSUM BOARD SOFFITS AND CEILINGS. REFERENCE REFLECTED CEILING PLAN.
7. ALL FLOATING "CLOUD" CEILINGS ARE TO BE HUNG WITH AIRCRAFT CABLE (NO EXCEPTIONS) IF APPLICABLE TO THIS PROJECT.
8. REFERENCE ELECTRICAL DRAWINGS FOR BALANCE OF LIGHTING INFORMATION. NOTE: ALL FIXTURES LOCATED IN LAY-IN ACOUSTICAL PANELS SHALL BE CENTERED IN CEILING PANELS UNLESS NOTED OTHERWISE.

LIGHT FIXTURE GENERAL NOTES

1. ALL LIGHT FIXTURES SHALL HAVE A U.L. LABEL.
2. REFER TO ARCHITECTURAL DOCUMENTS FOR EXACT MOUNTING LOCATIONS OF LIGHT FIXTURES.
3. WHEN INSTALLING LIGHT FIXTURES THE CONTRACTOR SHALL USE THE LIGHT FIXTURE MANUFACTURER'S MOUNTING HARDWARE AND FOLLOW ALL MANUFACTURER INSTALLATION DIRECTIONS.
4. CONTRACTOR IS RESPONSIBLE FOR ALL MISCELLANEOUS HARDWARE, CLIPS, ANGLES, FRAMES, ETC. AS REQUIRED TO MOUNT THE FIXTURES IN OR ON THE SURFACES THEY ARE TO BE INSTALLED.
5. ALL RECESSED DOWNLIGHTS MUST BE INSTALLED SO THAT THE BOTTOM OF THE THROAT IS EVEN WITH THE FINISHED CEILING PLANE UNLESS NOTED OTHERWISE. THE OVERLAPPING FLANGE MUST FIT FLUSH TO THE CEILING PLANE/THROAT. NO LIGHT LEAK MAY BE VISIBLE. ALL MISCELLANEOUS HARDWARE ABOVE THE CEILING PLANE TO ACCOMPLISH THE ABOVE SHALL BE INCLUDED IN THE BASE BID.
6. ALL RECESSED DOWNLIGHTS SHALL HAVE SELF-FLANGED REFLECTORS UNLESS NOTED OTHERWISE.
7. ~~WHEN INSTALLING SURFACE MOUNTED FIXTURES, CONSISTENT LAY-ORIENTATION SHALL BE MAINTAINED THROUGHOUT.~~
8. CONTRACTOR TO RELAMP ALL EXISTING AND RELOCATED FIXTURES IN AREA OF WORK UNLESS NOTED OTHERWISE.

KEYED NOTES REF. CLG. PLAN

MARK	DESCRIPTION
1	NEW GYP. BOARD CEILING FLUSH WITH EXIST. GYP. BOARD CEILING.
2	NEW CAN LIGHT
3	NEW SURFACE MOUNTED GENERAL LIGHTING
4	NEW FAN
5	NEW RECESSED EXTERIOR LED CAN LIGHT
6	PAINT ALL INTERIOR GYP.BOARD CEILINGS P3. CLEAN ALL CEILING MOUNTED AIR DIVICES & DIFFUSERS
7	PAINT ALL APP.BAY & DECON GYP.BOARD CEILINGS P8. CLEAN ALL CEILING MOUNTED AIR DEVICES & DIFFUSERS, TYP.
8	NEW CEILING FAN WITH LIGHT
9	NEW PREFINISHED METAL GUTTER & DOWNSPOUT, COLOR TO MATCH SIDING TRIM
10	NEW EXHAUST FAN

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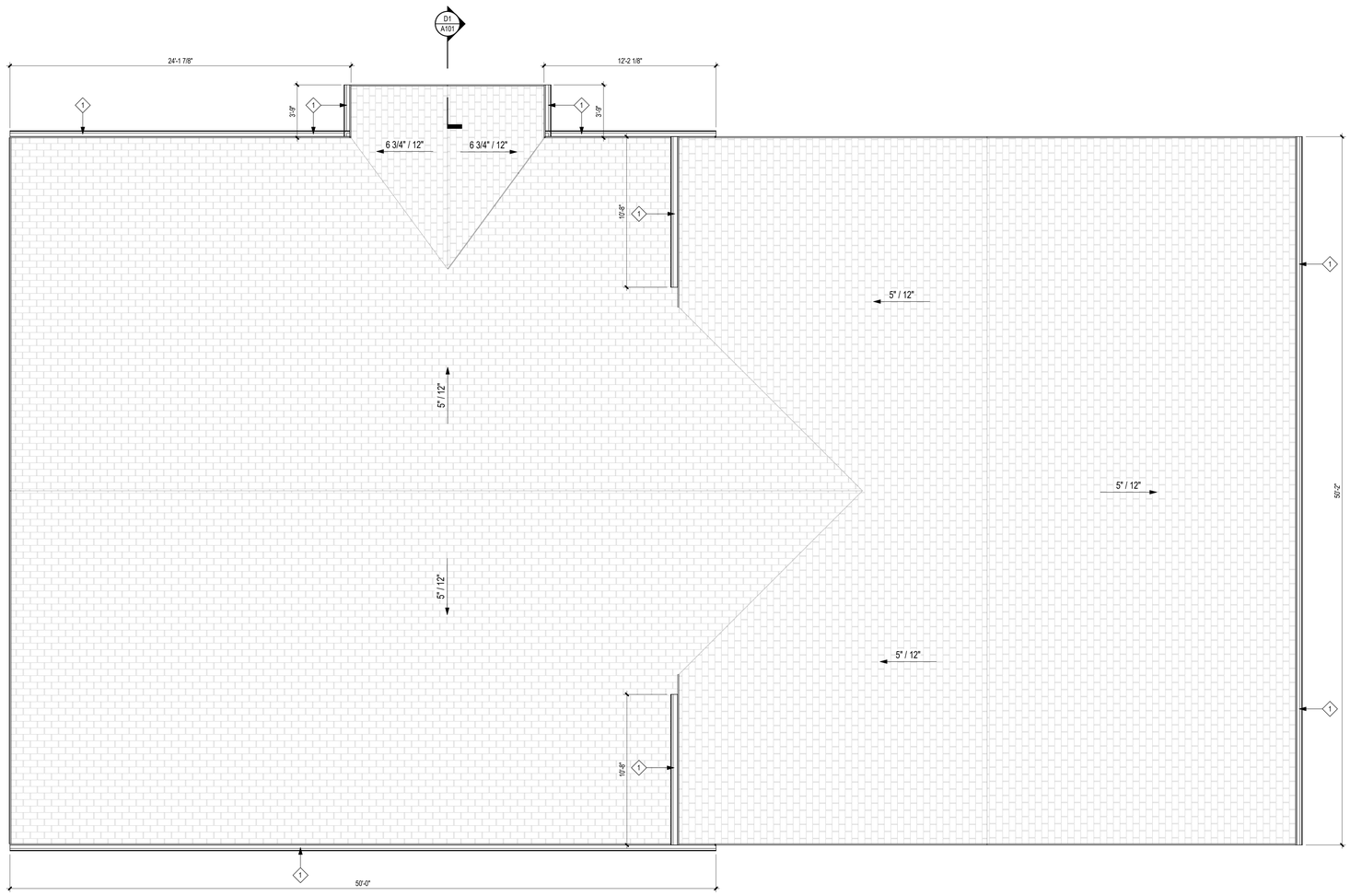
OVERALL CEILING PLAN & DETAILS

Project No. 25083
Sheet No. A111
Date 10/16/2026

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KEYED NOTES ROOF PLAN

MARK	DESCRIPTION
1	NEW 5" W x 5" H PRE-FINISHED METAL GUTTER, COLOR TO MATCH SIDING TRIM



A1 ROOF PLAN
1/4" = 1'-0"

N

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STATE OF MISSOURI
ROY A. MANGAN
NUMBER A-6661
ARCHITECT
Roy A. Mangan 10/16/2026
MO Architect License No: A-6661
Expires: 12/31/2026

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Proposed: House 3 Renovations
MERAMEC AMBULANCE
DISTRICT - STATION NO. 3
7390 STATE HIGHWAY O

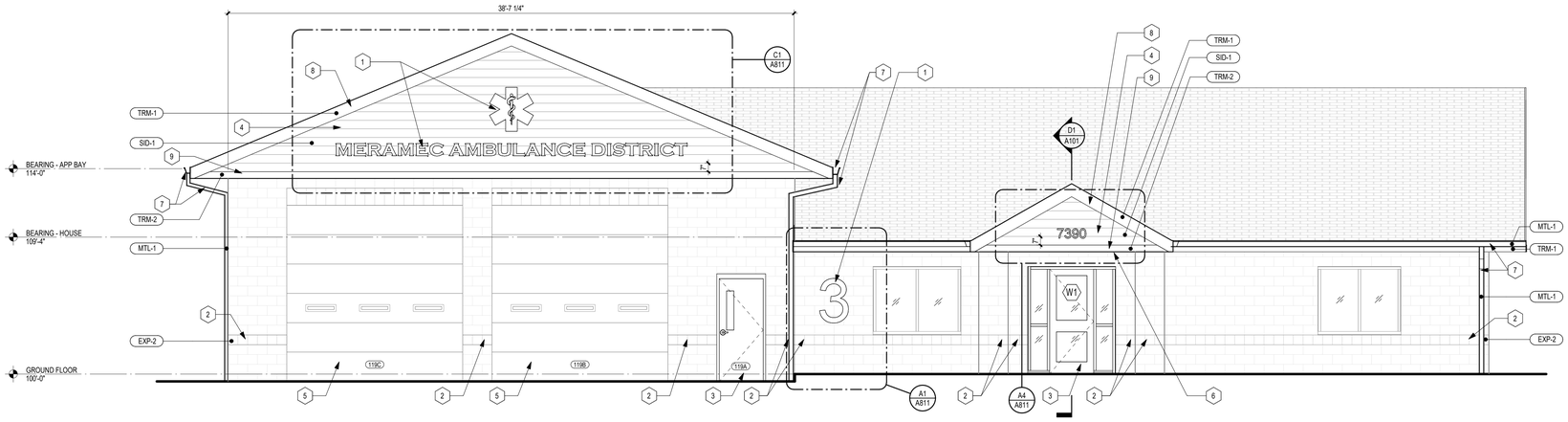
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ROOF PLAN

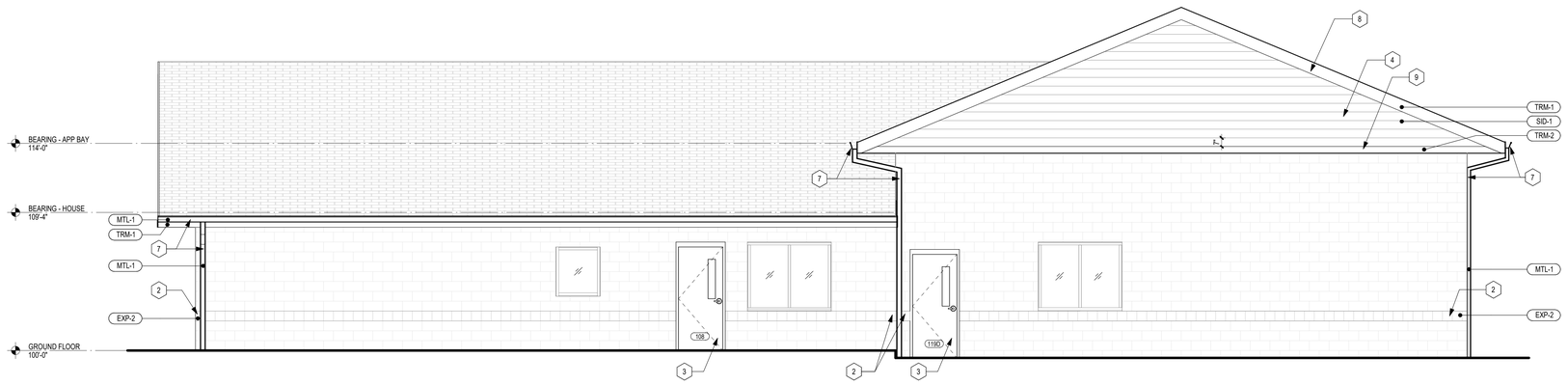
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25083

Sheet No.
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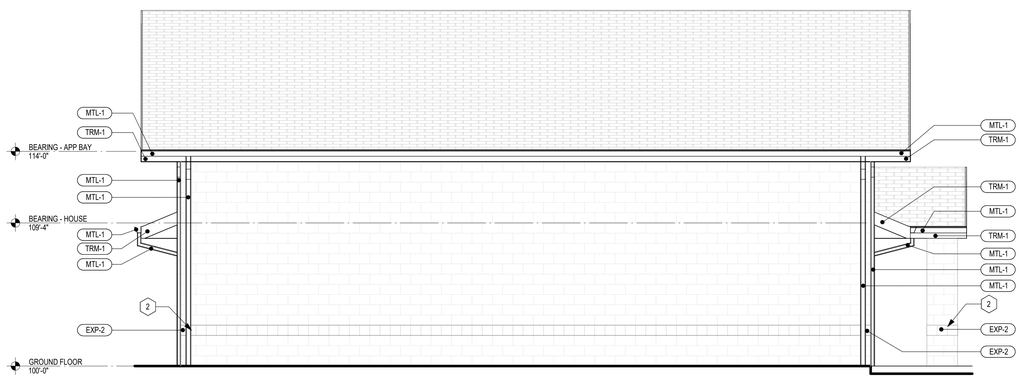
Date
10/16/2026



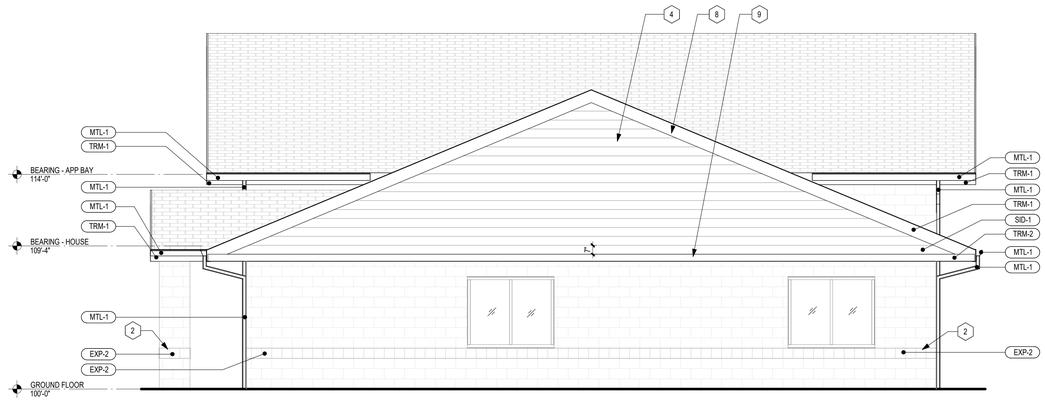
E1 NORTH EXTERIOR ELEVATION
1/4" = 1'-0"



C1 SOUTH EXTERIOR ELEVATION
1/4" = 1'-0"



A1 WEST EXTERIOR ELEVATION
1/4" = 1'-0"



A5 EAST EXTERIOR ELEVATION
1/4" = 1'-0"

KEYED NOTES EXTERIOR ELEV.

MARK	DESCRIPTION
1	NEW SIGNAGE
2	PREP AND PAINT BLUE STRIPE TO NEW COLOR
3	NEW HOLLOW METAL DOOR, SEE DOOR SCHEDULE
4	NEW SIDING
5	PATCH OVERHEAD DOOR AND FRAME. SEE DOOR SCHEDULE
6	BUILD NEW SOFFIT UNDER ENTRY OVERHANG TO ALIGN WITH ADJACENT SOFFITS
7	NEW PREFINISHED METAL GUTTER & DOWNSPOUT, COLOR TO MATCH TRIM COLOR
8	NEW FASCIA BOARD
9	NEW TRIM BOARD

EXT. BLDG. MTLS. LEGEND

MARK	DESCRIPTION
EXP-1	**EXTERIOR PAINT**: EXTERIOR HOLLOW FRAMES & INSUL. H.M. DOORS **MANUFACTURER**: SHERWIN WILLIAMS **SPECIAL INSTRUCTIONS**: ALL SURFACES SHALL BE CLEANED. IF SHEEN IS PRESENT, SURFACE SHALL BE SANDED DOWN FOR MECHANICAL ADHESION. **PRIME COAT**: B51W1150 EXTREME BOND **2-COAT FINISH**: TWO FINISH COATS B63W2251 PRO-INDUSTRIAL WATER-BASED ALKYD URETHANE ENAMEL, LOW SHEEN, **COLOR**: SW 7069 IRON ORE.
EXP-2	**EXTERIOR PAINT**: EXTERIOR STRIPE **MANUFACTURER**: SHERWIN WILLIAMS **SPECIAL INSTRUCTIONS**: ALL SURFACES SHALL BE CLEANED. IF SHEEN IS PRESENT, SURFACE SHALL BE SANDED DOWN FOR MECHANICAL ADHESION. **PRIME COAT**: B51W1150 EXTREME BOND **2-COAT FINISH**: TWO FINISH COATS B63W2251 PRO-INDUSTRIAL WATER-BASED ALKYD URETHANE ENAMEL, LOW SHEEN, **COLOR**: SW 7069 IRON ORE.
MTL-1	**GUTTERS & DOWNSPOUTS** **BASIS OF DESIGN**: McELROY **COLOR**: REGAL WHITE **TEXTURE**: PREFINISHED **PROFILE**: OGEE **SIZE**: 6" W x 5" H GUTTERS, 4" L x 3" W DOWNSPOUTS
SID-1	**EXTERIOR LAP SIDING**: **PRODUCT**: LP SMARTSIDE LAP SIDING (SEE SPECIFICATIONS) **COLOR**: TUNDRA GRAY **TEXTURE**: CEDAR **SIZE**: 7" EXPOSURE
SOF-1	**EXTERIOR VENTED SOFFIT**: **PRODUCT**: LP SMARTSIDE VENTED SOFFIT (SEE SPECIFICATIONS) **COLOR**: SNOWSCAPE WHITE **TEXTURE**: BRUSHED SMOOTH **SIZE**: 2'-0" W. TYP U.N.O. VENTED
STF-1	**STOREFRONT & GLAZING**: **BASIS OF DESIGN**: YKK ARCHITECTURAL PRODUCTS **PRODUCT:** YES 45 TU, 2" X 4 1/2" THERMALLY BROKEN ALUMINUM STOREFRONT SYSTEM. **FINISH**: YK1N BLACK ANODIZED PLUS **GLAZING** : 1 " INSULATED GLASS VITRO SOLARBAN 60 (2) + CLEAR . - REFERENCE GLAZING SCHEDULE AND ARCHITECTURAL SPECS.
TRM-1	**SIDING TRIM** **PRODUCT**: LP SMARTSIDE TRIM (SEE SPECIFICATIONS) **COLOR**: SNOWSCAPE WHITE **TEXTURE**: BRUSHED SMOOTH **SIZE**: 5/4 THK X 9.25" WIDE
TRM-2	**SIDING TRIM** **PRODUCT**: LP SMARTSIDE TRIM (SEE SPECIFICATIONS) **COLOR**: SNOWSCAPE WHITE **TEXTURE**: BRUSHED SMOOTH **SIZE**: 5/4 THK X 5.50" WIDE

STATE OF MISSOURI
ROY A. MANGAN
NUMBER A-6661
ARCHITECT

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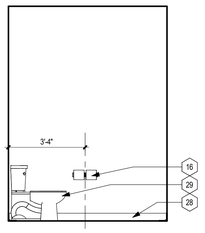
No.	Revision	Date
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EXTERIOR ELEVATIONS

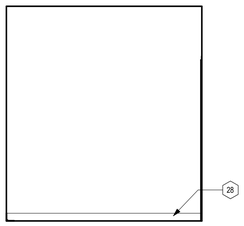
Project No. 25083
Sheet No. A201
Date 10/16/2026

SCALE: 3" = 1'-0" 1" 6" 3" 0
SCALE: 1 1/2" = 1'-0" 2" 1' 6" 3" 0
SCALE: 1" = 1'-0" 2' 1' 6" 0
SCALE: 3/4" = 1'-0" 3' 2' 1' 0
SCALE: 1/2" = 1'-0" 4' 2' 1' 0
SCALE: 3/8" = 1'-0" 6' 4' 2' 0
SCALE: 1/4" = 1'-0" 8' 4' 2' 0
SCALE: 1/8" = 1'-0" 16' 8' 4' 0
SCALE: 3/32" = 1'-0" 24' 16' 8' 0
SCALE: 1/16" = 1'-0" 32' 16' 8' 0

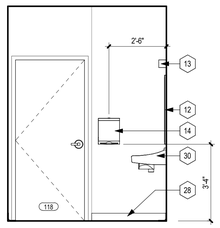
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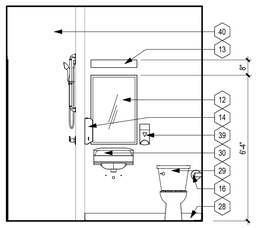
E1 DECON TLT NORTH
3/8" = 1'-0"



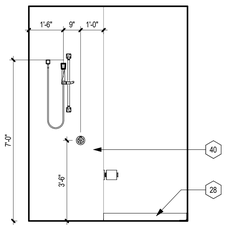
E2 DECON TLT EAST
3/8" = 1'-0"



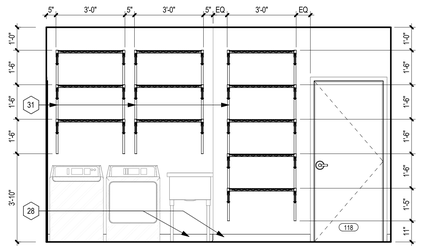
E3 DECON TLTR SOUTH
3/8" = 1'-0"



E4 DECON TLT WEST
3/8" = 1'-0"

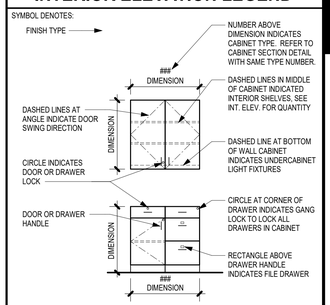


E5 DECON TLT NORTH 2
3/8" = 1'-0"



E6 DECON NORTH
3/8" = 1'-0"

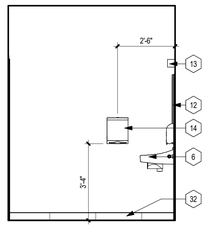
INTERIOR ELEVATION LEGEND



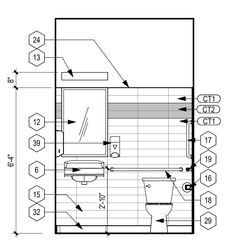
SEE CABINET TYPE SECTION DETAIL FOR CABINET DEPTH UNLESS OTHERWISE NOTED.

KEYED NOTES INT. ELEV.

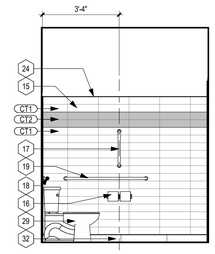
MARK	DESCRIPTION
1	BASE AS SCHEDULED, SEE FINISH FLOOR PLAN
6	NEW UNDERMOUNT STAINLESS STEEL SINK AND FAUCET
9	NEW GYP BOARD WALL PAINTED
10	NEW FAN
12	24x36" MIRROR, BOBRICK B-165 SERIES
13	WALL MOUNTED LIGHT SCONCE, REFERENCE ELECTRICAL
14	SURFACE-MOUNTED ROLL PAPER TOWEL DISPENSER, BOBRICK B-4262
15	CERAMIC TILE WAINSCOT HEIGHT AS INDICATED, PAINT ABOVE, SEE FINISH SCHEDULE. PROVIDE CONCEALED SHIM AT MIRROR SO THAT IT SITS LEVEL AND SMOOTH WITH FACE OF TILE IF REQUIRED.
16	DOUBLE ROLL TOILET PAPER DISPENSER, BOBRICK B-76867
17	18" VERTICAL GRAB BAR, BOBRICK B-6806 SERIES
18	36" HORIZONTAL GRAB BAR, BOBRICK B-6806 SERIES
19	42" HORIZONTAL GRAB BAR, BOBRICK B-6806 SERIES
20	RECESSED TRI-FOLD PAPER TOWEL DISPENSER, BOBRICK B-359033
21	WALL ROBE HOOKS, BOBRICK B-7672
22	SOLID SURFACE SHOWER SURROUNDS
23	SOLID PHENOLIC FLOATING VANITY CABINET WITH SOLID SURFACE COUNTERTOP AND UNDERMOUNT SINK, SEE FINISH SCHEDULE & PLUMBING
24	METAL TRIM STRIP ABOVE TILE
26	CUSTOM BUILT IN WARDROBE UNITS AND COUNTERTOP/DESK, SEE FINISH SCHEDULE.
27	TYPICAL BUNKROOM DESK: 24" DEEP LAMINATE WORKSURFACE (RADIUS OUTSIDE CORNER) WITH 4" H BACKSPLASH, CONNECTED TO CASEWORK SIDE WALL AND CONNECTED TO BACK WALL STUDS WITH ANGLED SUPPORT BRACKETS
28	NEW ROUNDED CORNER EPOXY TRIM
29	NEW TOILET
30	NEW SINK
31	NEW STAINLESS STEEL SHELVING, HEAVY DUTY SUPPORTS, ADD NEW BLOCKING TO SUPORT SHELVING
32	NEW PORCELAIN TILE BASE
33	NEW TV. PROVIDE BLOCKING ALL MONITOR LOCATIONS, TYP.
39	SOAP DISPENSER, BOBRICK B-40 SERIES
40	FRP SHOWER SURROUND FULL HEIGHT



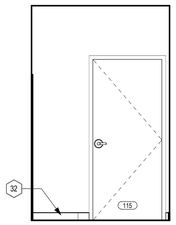
C1 PUBLIC TLT NORTH
3/8" = 1'-0"



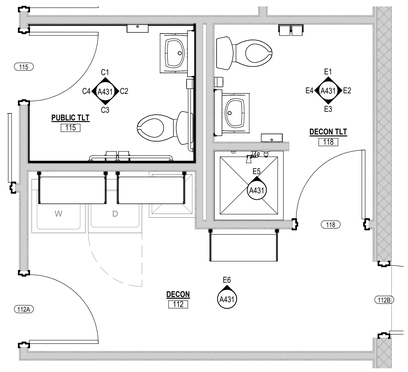
C2 PUBLIC TLT EAST
3/8" = 1'-0"



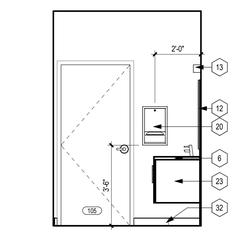
C3 PUBLIC TLT SOUTH
3/8" = 1'-0"



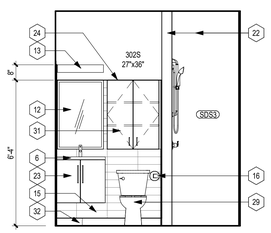
C4 PUBLIC TLT WEST
3/8" = 1'-0"



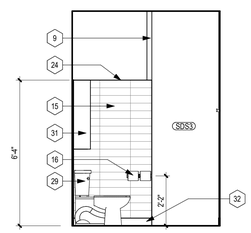
C5 ENLARGED PLAN - DECON & PUBLIC TOILET
3/8" = 1'-0"



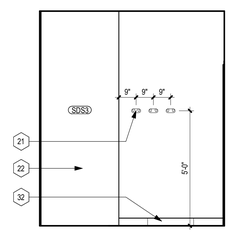
B1 BUNK TLT NORTH
3/8" = 1'-0"



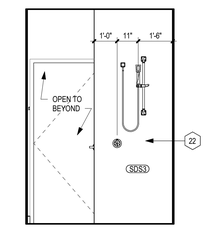
B2 BUNK TLT EAST
3/8" = 1'-0"



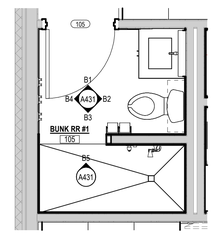
B3 BUNK TLT SOUTH
3/8" = 1'-0"



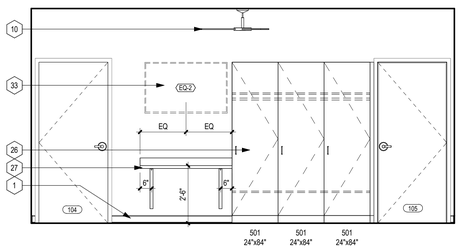
B4 BUNK TLT WEST
3/8" = 1'-0"



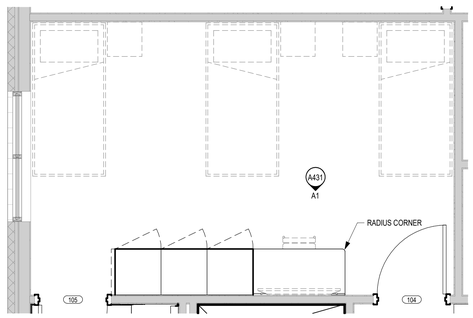
B5 BUNK TLT NORTH 2
3/8" = 1'-0"



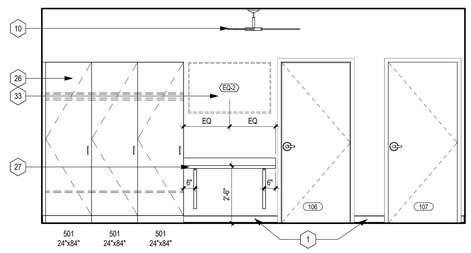
B6 ENLARGED PLAN - TYP BUNK TLT
3/8" = 1'-0"



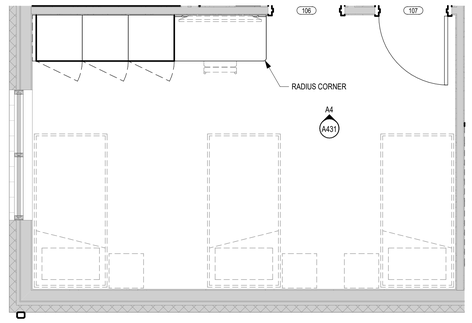
A1 BUNKROOM #1 SOUTH
3/8" = 1'-0"



A2 ENLARGED PLAN - BUNKROOM #1
3/8" = 1'-0"



A4 BUNKROOM #2 NORTH
3/8" = 1'-0"



A6 ENLARGED PLAN - BUNKROOM #2
3/8" = 1'-0"

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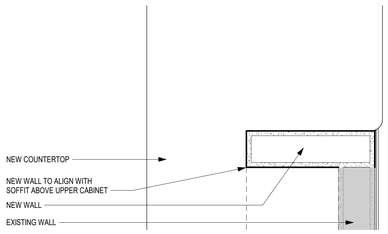
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No.	Date	Revision
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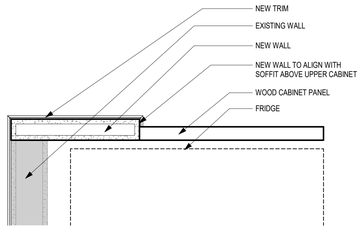
INTERIOR ELEVATIONS & PLANS

Project No. 25083
Sheet No. A431
Date 10/16/2026

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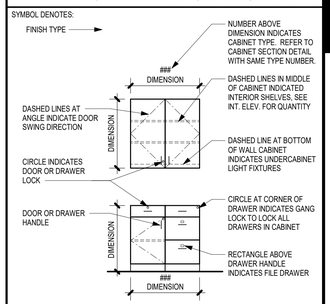


D1 PLAN DETAIL AT KITCHEN
1 1/2" = 1'-0"



D3 PLAN DETAIL AT FRIDGES
1 1/2" = 1'-0"

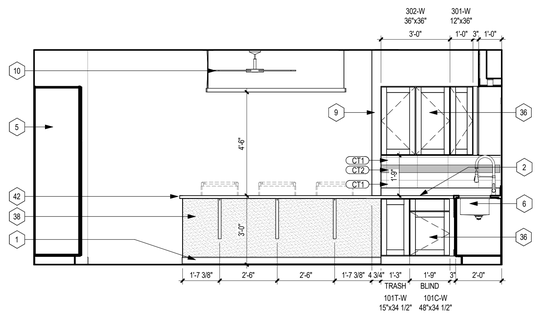
INTERIOR ELEVATION LEGEND



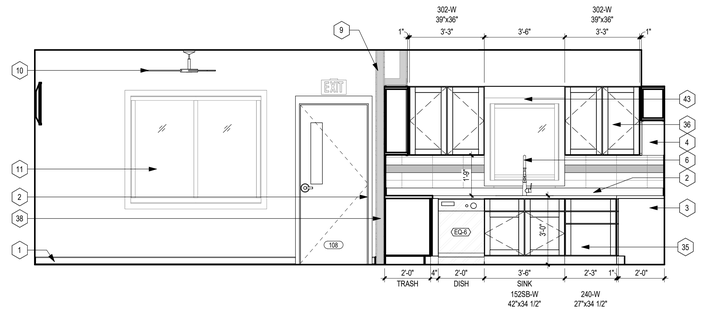
SEE CABINET TYPE SECTION DETAIL FOR CABINET DEPTH UNLESS OTHERWISE NOTED.

KEYED NOTES INT. ELEV.

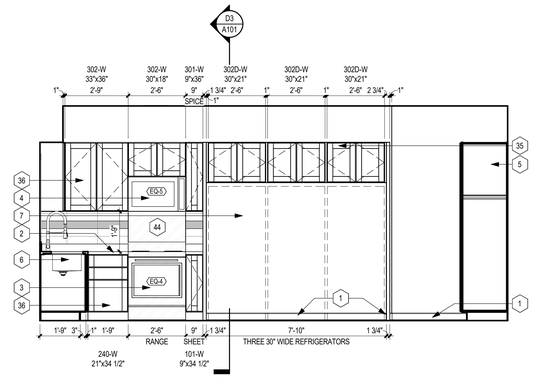
MARK	DESCRIPTION
1	BASE AS SCHEDULED. SEE FINISH FLOOR PLAN
2	PROVIDE & INSTALL NEW 25"D SOLID SURFACE KITCHEN COUNTERTOPS WITH 4" HIGH BACKSPLASH SDS1, NEW UNDERMOUNT STAINLESS SINK
3	NEW OVEN / RANGE
4	NEW MICROWAVE
5	NEW TALL WOOD PANTRY CABINETS
6	NEW UNDERMOUNT STAINLESS STEEL SINK AND FAUCET
7	NEW FRIDGE
9	NEW GYP.BOARD WALL PAINTED
10	NEW FAN
11	MANUAL BLACKOUT WINDOW SHADE, PRIME & PAINT WOOD TRIM & SILLS. SEE FINISH SCHEDULE
35	NEW WOOD CASEWORK WALL CABINETS & SURROUNDS, BASE CABINETS AS INDICATED TO MATCH NEW PANTRIES, FINISHED ENDPANELS, TYP.
36	NEW WALL & BASE CABINETRY
37	RELOCATED EXISTING MONITORS
38	NEW GYP.BOARD WALL WITH FULL HEIGHT & WIDTH RIGID VINYL SHEET KICKPLATES & ENDPANEL WITH CORNER GUARDS, SEE FINISH SCHEDULE
41	NEW 1'-7-1/2" DEEP SOLID SURFACE COUNTERTOP. PROVIDE BEAD OF SEALANT WHERE COUNTER MEETS WALL.
42	NEW SOLID SURFACE COUNTERTOP. PROVIDE BEAD OF SEALANT WHERE COUNTER MEETS WALL.
43	MANUAL SOLAR WINDOW SHADE, PRIME & PAINT WOOD TRIM & SILLS. SEE FINISH SCHEDULE
44	STAINLES STEEL WALL BACKPANEL AT RANGE. SEE FINISH SCHEDULE
45	NEW LINEAR PENDANT LIGHT OVER DINING



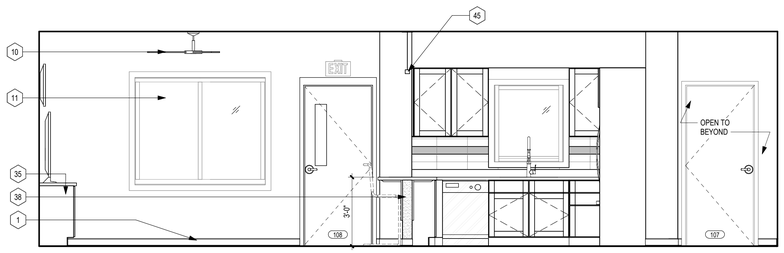
C1 KITCHEN - EAST
3/8" = 1'-0"



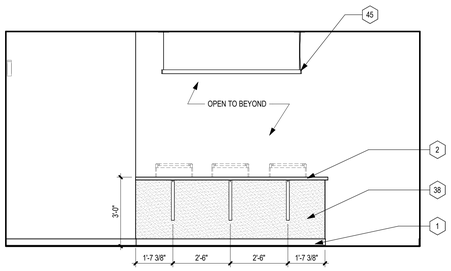
C3 KITCHEN - NORTH
3/8" = 1'-0"



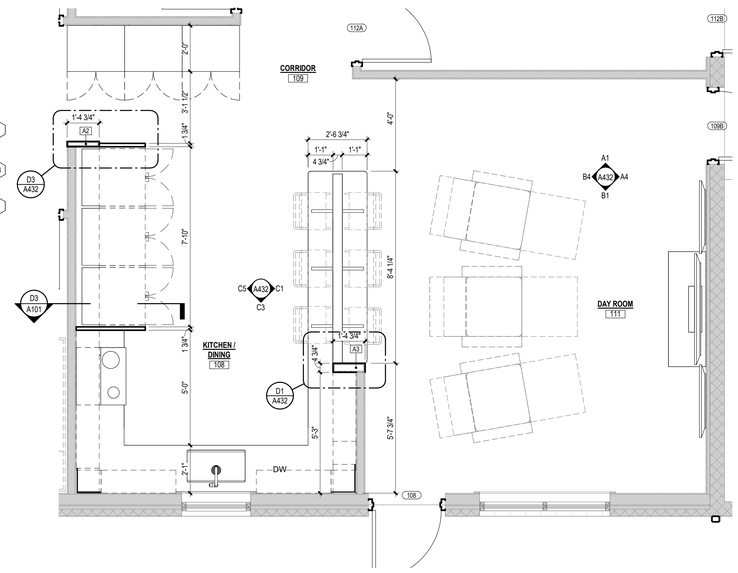
C5 KITCHEN - WEST
3/8" = 1'-0"

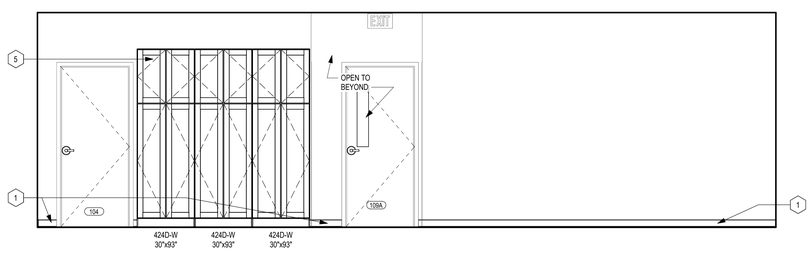


B1 DAY ROOM - SOUTH
3/8" = 1'-0"

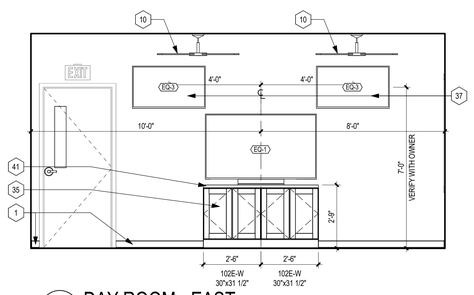


B4 DAY ROOM - WEST
3/8" = 1'-0"





A1 DAY ROOM - NORTH
3/8" = 1'-0"



A4 DAY ROOM - EAST
3/8" = 1'-0"

A5 ENLARGED PLAN - KITCHEN / DAY ROOM
3/8" = 1'-0"

STATE OF MISSOURI
ROY A. MANGAN
NUMBER A-6661
ARCHITECT
Roy A. Mangan 10/16/2026
MO Architect License No: A-6661
Expires: 12/31/2026

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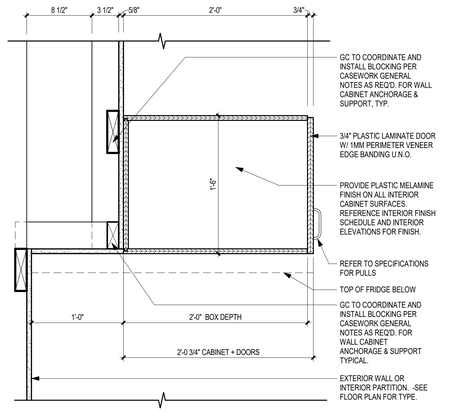
Proposed: House 3 Renovations
MERAMEC AMBULANCE
DISTRICT - STATION NO. 3
7390 STATE HIGHWAY O

No.	Revision	Date
	BIDDING / PERMIT DOCUMENTS	10/16/2026

INTERIOR ELEVATIONS & PLANS & DTLS

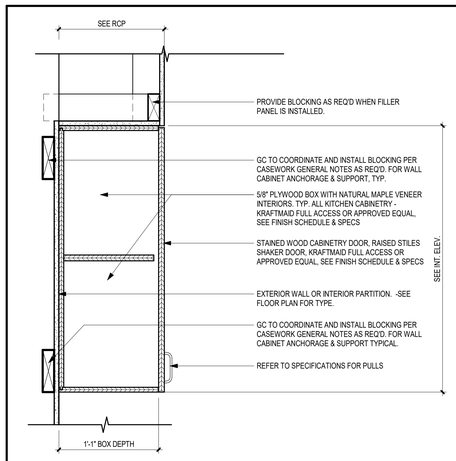
Project No. 25083
Sheet No. A432
Date 10/16/2026

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D1 TYPE 302D-W WALL CABINET DTL

1 1/2" = 1'-0"

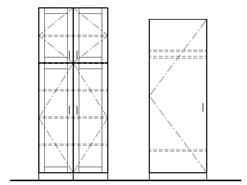


D4 TYPE 301-W & 302-W WALL CABINET DTL

1 1/2" = 1'-0"

TYPICAL CABINETRY TYPES ELEVATIONS

TALL CABINETS



- TWO DOORS
- FIVE ADJUSTABLE SHELVES

424D-W

- ONE DOOR
- TWO ADJUSTABLE SHELVES
- CLOTHING ROD

501

WALL HUNG CABINETS



- TWO DOORS
- ADJUSTABLE SHELVING
- 9" DEPTH

302S



- ONE DOOR
- ADJUSTABLE SHELVING

301-W



- TWO DOORS
- DEEP

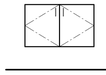
302D-W



- TWO DOORS
- ADJUSTABLE SHELVING

302-W

BASE CABINETS



- TWO DOORS
- FLOATING
- ONLY IN BATHROOMS

160SB



- ONE DOOR
- ADJUSTABLE SHELVING

101-W



- ONE DOOR
- TRASH PULL-OUT HARDWARE/SHELF/ TRASH CAN

101T-W



- TWO DOORS
- ADJUSTABLE SHELVING

102C-W



- TWO DOORS
- ADJUSTABLE SHELVING

102E-W



- FALSE PNL./SINK APRON
- TWO DOORS
- ADJUSTABLE SHELVING

152SB-W



- THREE DRAWERS

240-W

B1 TYPE 101-W & 102-W BASE CABINET DTL

1 1/2" = 1'-0"

B2 TYPE 102C-W BASE CABINET DTL

1 1/2" = 1'-0"

B4 TYPE 102E-W BASE CABINET DTL

1 1/2" = 1'-0"

A1 TYPE 151SB-W & 152SB-W BASE CABINET DTL

1 1/2" = 1'-0"

A2 TYPE 240-W BASE CABINET DTL

1 1/2" = 1'-0"

A4 TYPE 101T-W BASE CABINET DETAIL

1 1/2" = 1'-0"

A5 TYPE 424D-W TALL CABINET DTL KITCHEN

1 1/2" = 1'-0"

SCALE: 3" = 1'-0" | SCALE: 1 1/2" = 1'-0" | SCALE: 1" = 1'-0" | SCALE: 3/4" = 1'-0" | SCALE: 1/2" = 1'-0" | SCALE: 3/8" = 1'-0" | SCALE: 1/4" = 1'-0" | SCALE: 1/8" = 1'-0" | SCALE: 3/32" = 1'-0" | SCALE: 1/16" = 1'-0"

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STATE OF MISSOURI
ROY A. MANGAN
LICENSE NUMBER A-6661
ARCHITECT

Roy A. Mangan 10/16/2026

MO Architect License No: A-6661
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Proposed: House 3 Renovations

MERAMEC AMBULANCE DISTRICT - STATION NO. 3

7390 STATE HIGHWAY O

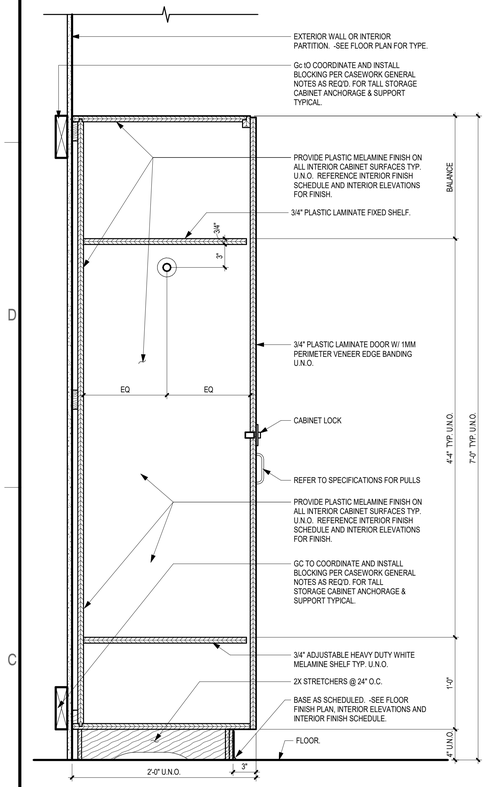
No.	Date	Revision
	10/16/2026	BIDDING / PERMIT DOCUMENTS

WOOD CASEWORK DETAILS

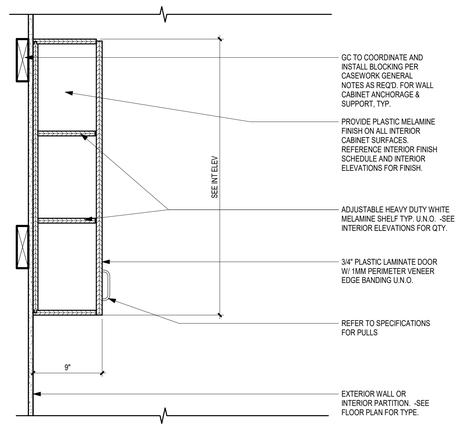
Project No. 25083

Sheet No. A521

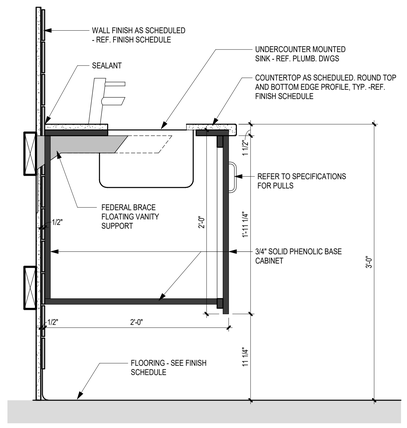
Date 10/16/2026



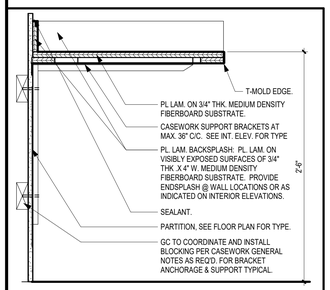
C1 TYPE 501 TALL WARDROBE CABINET DTL
1 1/2" = 1'-0"



E4 TYPE 302S WALL CABINET DTL
1 1/2" = 1'-0"



C2 TYPE 160SB SECTION THRU FLOATING VANITY
1 1/2" = 1'-0"



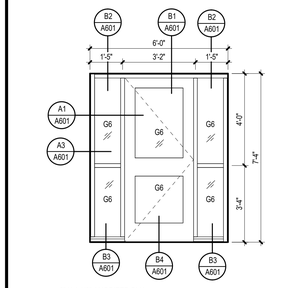
C4 TYP WALL MOUNTED COUNTERTOP
1 1/2" = 1'-0"

DOOR SCHEDULE

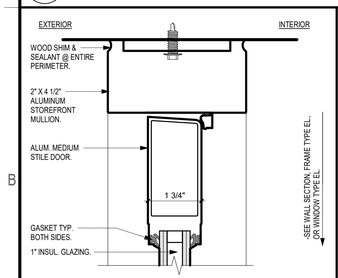
MARK	WIDTH	HEIGHT	THICK	FRAME PROPERTIES						DOOR PROPERTIES				HARDWARE GROUP	COMMENTS
				FRAME TYPE	FRAME MATERIAL	FRAME FINISH	SIDELIGHT GLAZING	HEAD	JAMB	TYPE	DOOR MATERIAL	DOOR FINISH	DOOR GLAZING		
101	3'-0"	7'-0"	2 1/4"	W1 : ALUM	ALUM	ANODIZED BLK	G6	B1/A601	A1/A601	-FG4-	ALUM	ANOD	G6		
102	3'-0"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-F-	WOOD	WD1	-		
103	3'-0"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-F-	WOOD	WD1	-		
104	3'-0"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-F-	WOOD	WD1	-		
105	3'-0"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-F-	WOOD	WD1	-		
106	3'-0"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-F-	WOOD	WD1	-		
107	3'-0"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-F-	WOOD	WD1	-		
108	3'-0"	7'-0"	1 3/4"	F01-M	HM	EXP-1 - IRON ORE	-	-	-	-N1-	INSUL. STEEL	EXP-1 - IRON ORE	G6		
109A	3'-0"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-N1-	WOOD	WD1	G2		
109B	3'-0"	7'-0"	1 3/4"	F01-M_STAY	HM	EXP-1 - IRON ORE	-	-	-	-N1-	INSUL. STEEL	EXP-1 - IRON ORE	G6		
112A	3'-0"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-N1-	WOOD	WD1	G2		
112B	3'-0"	7'-0"	1 3/4"	F01-M_STAY	HM	EXP-1 - IRON ORE	-	-	-	-N1-	INSUL. STEEL	EXP-1 - IRON ORE	G6		
113	3'-0"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-F-	WOOD	WD1	-		
114	2'-6"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-F-	WOOD	WD1	-		PAIR OF DOORS; DOOR SEAL KIT
115	3'-0"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-F-	WOOD	WD1	-		
116	3'-0"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-N1-	WOOD	WD1	G2		
117	3'-0"	7'-0"	1 3/4"	F01-M_STAY	HM	EXP-1 - IRON ORE	-	-	-	-F-	INSUL. STEEL	EXP-1 - IRON ORE	-		
118	3'-0"	7'-0"	1 3/4"	STAY : F01	HM	P2 - IRON ORE	-	-	-	-F-	WOOD	WD1	-		
119A	3'-0"	7'-0"	1 3/4"	F01-M	HM	P2 - IRON ORE	-	A4/A601	A5/A601	-N1-	INSUL. STEEL	EXP-1 - IRON ORE	G6		
119B	12'-0"	12'-0"	2"	EXIST : EXP-1	STEEL	EXP-1 - IRON ORE		-	-	OH1 : GLASS	INSUL. STEEL				OVERHEAD DOOR TO REMAIN; PATCH RUSTED FRAME; PAINT DOOR & FRAME EXP-1
119C	12'-0"	12'-0"	2"	EXIST : EXP-1	STEEL	EXP-1 - IRON ORE		-	-	OH1 : GLASS	INSUL. STEEL				OVERHEAD DOOR TO REMAIN; PATCH RUSTED FRAME; PAINT DOOR & FRAME EXP-1
119D	3'-0"	7'-0"	1 3/4"	F01-M	HM	EXP-1 - IRON ORE	-	A4/A601	A5/A601	-N1-	INSUL. STEEL	EXP-1 - IRON ORE	G6		
120	3'-0"	7'-0"	1 3/4"	F01-M_STAY	HM	EXP-1 - IRON ORE	-	-	-	-F-	HM	EXP-1 - IRON ORE	-		
121	3'-0"	7'-0"	1 3/4"	F01-M_STAY	HM	EXP-1 - IRON ORE	-	-	-	-F-	HM	EXP-1 - IRON ORE	-		

GLAZING TYPE SCHEDULE

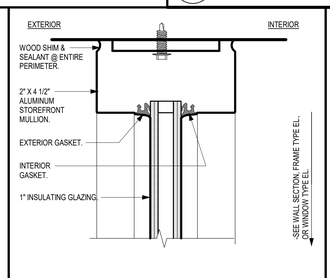
GLAZING TYPE	DESCRIPTION
-NOTE:	NOT ALL GLASS USED IN PROJECT. REFER TO DOOR SCHEDULE & WINDOW FRAME TYPES
G1	1/4" CLEAR GLAZING
G2	1/4" TEMPERED CLEAR GLAZING
G3	1/2" TEMPERED CLEAR GLAZING
G4	3/16" PREMIUM GRADE FIRE RATED GLASS CERAMIC SAFETY GLAZING
G5	1" INSULATED GLAZING
G6	1" TEMPERED INSULATED GLAZING



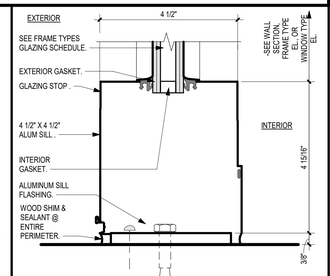
W1 2" X 4 1/2" ANODIZED BLK THERMAL STOREFRONT
3/8" = 1'-0"



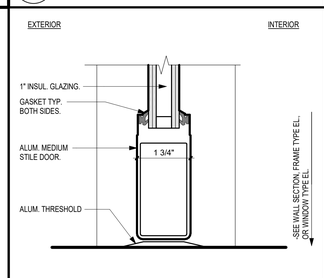
B1 TYPICAL ALUM STOREFRONT 2" DOOR HEAD TERM DETAIL
6" = 1'-0"



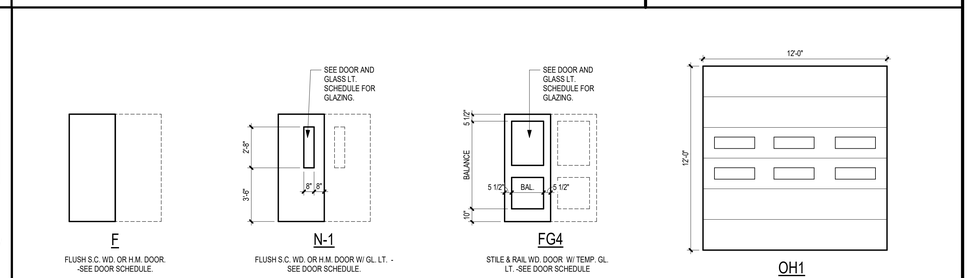
B2 TYPICAL ALUM STOREFRONT WINDOW HEAD TERM DETAIL
6" = 1'-0"



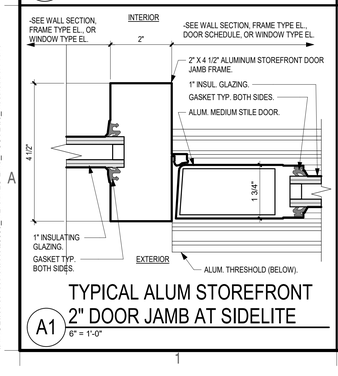
B3 TYPICAL ALUM STOREFRONT 4.5" WINDOW SILL DETAIL
6" = 1'-0"



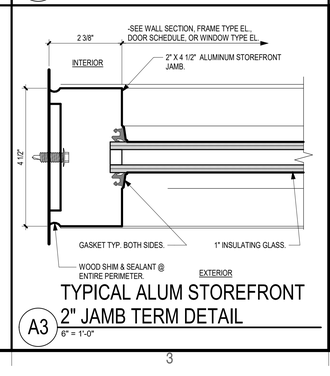
B4 TYPICAL ALUM STOREFRONT 2" DOOR SILL DETAIL
6" = 1'-0"



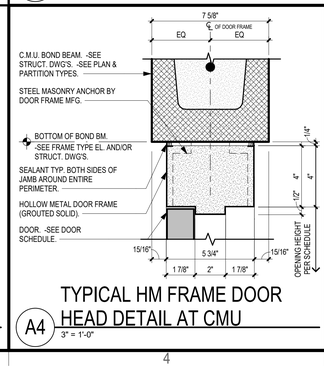
B5 DOOR TYPES ELEVATIONS
1/4" = 1'-0"



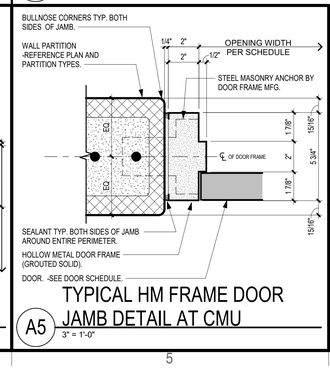
A1 TYPICAL ALUM STOREFRONT 2" DOOR JAMB AT SIDELITE
6" = 1'-0"



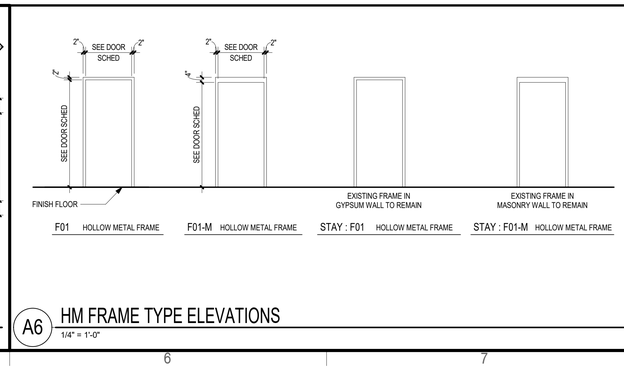
A3 TYPICAL ALUM STOREFRONT 2" JAMB TERM DETAIL
6" = 1'-0"



A4 TYPICAL HM FRAME DOOR HEAD DETAIL AT CMU
3" = 1'-0"



A5 TYPICAL HM FRAME DOOR JAMB DETAIL AT CMU
3" = 1'-0"



A6 HM FRAME TYPE ELEVATIONS
1/4" = 1'-0"

STATE OF MISSOURI
ROY A. MANGAN
NUMBER A-6661
ARCHITECT
Roy A. Mangan 10/16/2026
MO Architect License No: A-6661
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Proposed: House 3 Renovations
MERAMEC AMBULANCE DISTRICT - STATION NO. 3
7390 STATE HIGHWAY O

No.	Date	Revision
	10/16/2026	BIDDING / PERMIT DOCUMENTS

DOORS, WINDOWS & CASEWORK

Project No. 25083
Sheet No. A601
Date 10/16/2026

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MERAMEC EMS HOUSE #3 - INTERIOR FINISH SCHEDULE

BASE

B1	VINYL BASE - FIELD MFGR: TARKETT JOHNSONITE STYLE/SIZE: 4" HIGH COVE PROFILE, 1/8" GAUGE, 4'-0" LENGTHS COLOR: 63 BURNT UMBER

CARPET

CP1	CARPET - BUNKROOMS MFGR: KINETEX - J&J CARPETS PATTERN: SOUNDTRACK 1847/3018 COLOR: 3018 PLAYLIST, SIZE: 18"X36" INSTALL METHOD: ASHLAR CONTACT: NANCY WASSER 314.502.2325

CERAMIC WALL TILE

CT1	CERAMIC WALL TILE - TLT RM WAINSCOT, KITCHEN BKSPL MFGR: DAL TILE PATTERN: LINEAR GLAZED CERAMIC WALL SUBWAY TILE COLOR: DESERT GRAY X114 GLOSSY, SIZE: 4" X 16" TILE INSTALL METHOD: STACK BOND. USE SCHLUTER SCHIENE TRIM ALL OUTSIDE EXPOSED EDGES, TYP. INSTALL WITH GROUT GT1 CONTACT: TABATHA CURRY 314.687.3960
CT2	CERAMIC WALL TILE - ACCENT RIBBON MFGR: MSI HIGHLAND PARK PATTERN: LINEAR GLAZED CERAMIC WALL SUBWAY TILE COLOR: BAY BLUE GLAZED HANDCRAFTED, SIZE: 4" X 12" TILE INSTALL METHOD: STACK BOND. NOTE ACCENT TILE SIZE IS DIFFERENT THAN FIELD SIZE - STAGGER THE TWO HIGH ACCENT COURSE TO NOT ALIGN WITH FIELD TILE. STACK BOND THE BLUE TILE USE SCHLUTER SCHIENE TRIM ALL OUTSIDE EXPOSED EDGES, TYP. INSTALL WITH GROUT GT1 CONTACT: JAN BAY 314.327.3314

DECORATIVE HARDWARE

DH1	DECORATIVE HARDWARE - KITCHEN MFGR: AMEROCK STYLE: BLACKROCK PULL CTC: 5-1/16"

EPOXY RESIN FLOORING

ERF1	EPOXY RESIN FLOORING & INTEGRAL CANTED COVE BASE -APP BAY, DECON MFGR: TNEMEC OR APPROVED EQUAL STYLE: STRATASHIELD DECOFLECK W/EXTRA COAT SEALER, PRIMER/BROADCAST 237 POWER TREAD, INTERMEDIATE 224 DECO FLECK, GROUT COAT 224 DECO FLECK , FINISH COAT 248 EVERTHANE COLOR: CUSTOM COLOR MIX 1/4" FLAKE SIZE, "COOL GRAY". CONTACT DESIGNER FOR COLOR RENDERING. CONTACT: MIKE CERUTTI 314.703.8042 NOTE: FOLLOW ALL MANUFACTURER'S GUIDELINES FOR REQUIRED FLOOR PREP. PROVIDE MOCKUP PANELS FOR COLOR & TEXTURE. CLEAR TOPCOAT.

FIBERGLASS REINFORCED PANELS

FRP1	FRP PANELS - DECON SHOWER MFGR: CRANE COMPOSITES STYLE: GLASBORD W/SURFASEAL, PEBBLE EMBOSSED TEXTURE COLOR: 48 PEARL GRAY, SIZE: 4'X10'-0", CLASS A, GAUGE: 0.09" INCLUDE ALL TRIM CAPS & CORNER BEADS.

GROUT

GT1	WALL GROUT MFGR: MAPEI STYLE: KERAPOXY CQ COLOR: 5027 SILVER NOTE: KNIFE GROUT JOINT
GT2	FLOOR GROUT MFGR: MAPEI STYLE: KERAPOXY CQ COLOR: 5010 BLACK NOIR NOTE: KNIFE GROUT JOINT

LUXURY VINYL TILE

LVT1	LUXURY VINYL TILE MFGR: ALTRO LAVENCIA STYLE: WEAVE LAV33011, SIZE: 12"X24" NOTE NO CUTTERS LESS THAN 3" WIDE. CONTACT: ERIN FERNANDES 314-276-2196

PAINT

P1	PAINT – WALLS – FIELD COLOR MFGR: SHERWIN WILLIAMS FINISH: PROMAR ZERO VOC, EGGSHELL COLOR: SW9165 GOSSIMER VEIL CONTACT: ERIC BOWRING 314-943-2745
P2	PAINT – HM DOORS & HMI FRAMES LIVING QUARTERS, ADMIN MFGR: SHERWIN WILLIAMS SERIES: PRECATALYZED WATERBASED EPOXY SINGLE COMPONENT, FINISH: SEMI GLOSS, COLOR: SW7069 IRON ORE
P3	PAINT – GYP BD, CEILINGS MFGR: SHERWIN WILLIAMS FINISH: PROMAR ZERO VOC, FLAT COLOR: SW7005 PURE WHITE
P4	PAINT – WALLS – ACCENT WALL BUNKS MFGR: SHERWIN WILLIAMS FINISH: PROMAR ZERO VOC, EGGSHELL COLOR: SW6811 HONORABLE BLUE
P5	PAINT – APP BAY, DECON MFGR: SHERWIN WILLIAMS SERIES: PRONDUSTRIAL MULTI-SURFACE ACYRLIC, FINISH: EG-SHEL COLOR: SW9165 GOSSIMER VEIL NOTE ALL WALLS WITH EXPOSED CMU BLOCK TO HAVE BLOCK FILLER & PRIMED PRIOR TO PAINTING
P6	PAINT – HM DOORS & HMI FRAMES APP BAY MFGR: SHERWIN WILLIAMS SERIES: PRECATALYZED WATERBASED EPOXY SINGLE COMPONENT, FINISH: SEMI GLOSS, COLOR: TO BE DETERMINED
P7	PAINT – SAFETY STRIPE APP BAY ON ERF MFGR: SHERWIN WILLIAMS SERIES: RESUTILE HTS100, PART A CLEAR, PART B HARDENER, PART C AGGREGATE SERIES:SATIN URETHANE TOPCOAT COLOR: BRIGHT YELLOW
P8	PAINT – APP BAY CLGS, DECON CLGS, TLT RM CLGS MFGR: SHERWIN WILLIAMS SERIES: EPOXY, FINISH: SEMI GLOSS COLOR: SW7005 PURE WHITE

PLASTIC LAMINATE

PL1	PLASTIC LAMINATE - FLOATING VANITY MFGR: FORMICA COMPACT STYLE: 1/2" GAUGE BLACK SOLID PHENOLIC, COLOR: TERRILL 2297-PX PLEX FINISH
PL2	PLASTIC LAMINATE – BUNK ROOM WARDROBES MFGR: FORMICA HPL STYLE: STARCHED PAPERFOLD 8678-58, MATTE TEXTURE TYP. INCLUDE MATCHING 1MM PVC EDGEBAND
PL3	NOT USED
PL4	PLASTIC LAMINATE – BUNK ROOM WORKSURFACE & BACKSPL. MFGR: FORMICA HPL STYLE: SMOKE QUARSTONE 6220-58, MATTE TEXTURE TYP. INCLUDE MATCHING 3MM PVC EDGEBAND
PL5	PLASTIC LAMINATE – CLOSET SHELF MFGR: FORMICA HPL STYLE: BLACK, 909-58 MATTE TEXTURE TYP. INCLUDE MATCHING 3MM PVC EDGEBAND

PORCELAIN TILE

PT1	PORCELAIN FLOOR TILE MFGR: LANDMARK CERAMICS STYLE: MILESTONE, COLOR: WEST BLACK SIZE: 12"X24", INSTALL STACK BOND W/KNIFE JOINTS. INCLUDE CRACK ISOLATION MEMBRANE ALL CONTROL JOINTS INSTALL WITH GROUT GT2 CONTACT: JILL PATTERSON VIRGINIA TILE 314-208-7962

SEALED CONCRETE

SC	SEALED CONCRETE FLOOR WITH DENSIFIERS REFER TO ARCHITECTURAL SPECIFICATIONS

SOLID SURFACE

SDS1	SOLID SURFACE - KITCHEN COUNTER, SHOWER SURROUNDS, END OF WING WALL MFGR: WILSONART SOLID SURFACE COLOR: YUKON RIVERSTONE 9196RS GAUGE: 1/2", SHEET SIZE 30"W X FULL HEIGHT FIELD VERIFY NOTE: JOINT ADHESIVE BUTT-SEAM SHOWER WALL PANELS, PROVIDE SEAMING DIAGRAM TO DESIGNER FOR APPROVAL. FOLLOW ALL MANUFAC. GUIDELINES FOR INSTALLING WET LOCATION VERTICAL PANELS.
SDS2	SOLID SURFACE - TLT RM VANITY COUNTERTOP MFGR: WILSONART COLOR: MILK GLASS SPECTRA 9077ST GAUGE:1/2" , EASED EDGES

STAINLESS STEEL

SST	STAINLESS STEEL BACKSPLASH- BEHIND KITCHEN RANGE MFGR: INPRO OR APPROVED EQUAL SIZE: 48"X84" PANEL NOTE: FIELD VERIFY DIMENSION TO MATCH RANGE/HOOD WIDTH, CUT IN FIELD 20 GAUGE, BRUSHED #4 FINISH

TRANSITIONS/FLOORING ACCESSORIES

TR1	TRANSITION CERAMIC TILE & PORCELAIN TILE PERIMETER EDGES MFGR: SCHLUTER PATTERN: SCHIENE, NOTE SIZES VARY FOR FLOOR & WALLS COLOR: SATIN ANODIZED ALUMINUM
TR2	TRANSITION - KINETEX TO LVT MFGR: JOHNSONITE SLIMLINE TRANSTION PATTERN: SLT-63-B COLOR: BURNT UMBER
TR3	TRANSITION LVT TO CONCRETE MFGR: JOHNSONITE SLIMLINE TRANSITION PATTERN: SLT-63-J COLOR: BURNT UMBER
TR4	TRANSITION PORCELAIN TILE TO KINETEX MFGR: SCHLUTER PATTERN: RENO SLOPED COLOR: SATIN ANODIZED ALUMINUM
TR5	TRANSITION - LVT TO EXISTING CERAMIC FLOOR TILE MFGR: JOHNSONITE SLIMLINE TRANSTION PATTERN: SLT-63-C COLOR: BURNT UMBER
TR6	TRANSITION PORCELAIN FLOR TILE TO WALL TILE MFGR: SCHLUTER PATTERN: DILEX COVE TRIM COLOR: SATIN ANODIZED ALUMINUM

WALL PROTECTION

WP1	WALL PROTECTION - CORNER GUARDS MFGR: INPRO STYLE: TAPE ON, 1-1/2"x1-1/2" WING, 4'-0" HEIGHT COLOR: 0387 PEBBLE GRAY CONTACT: ANGIE STONER 314.409.5100
WP2	WALL PROTECTION - RIGID VINYL SHEET KITCHEN PENINSULA MFGR: INPRO STYLE: PALLADIAN SHEET, 4'-0" X10'-0" X 1MM. INSTALL HORIZONTALLY FOR SEAMLESS INSTALL LOOK COLOR: 0387 PEBBLE GRAY CONTACT: ANGIE STONER 314.409.5100

WINDOW TREATMENTS

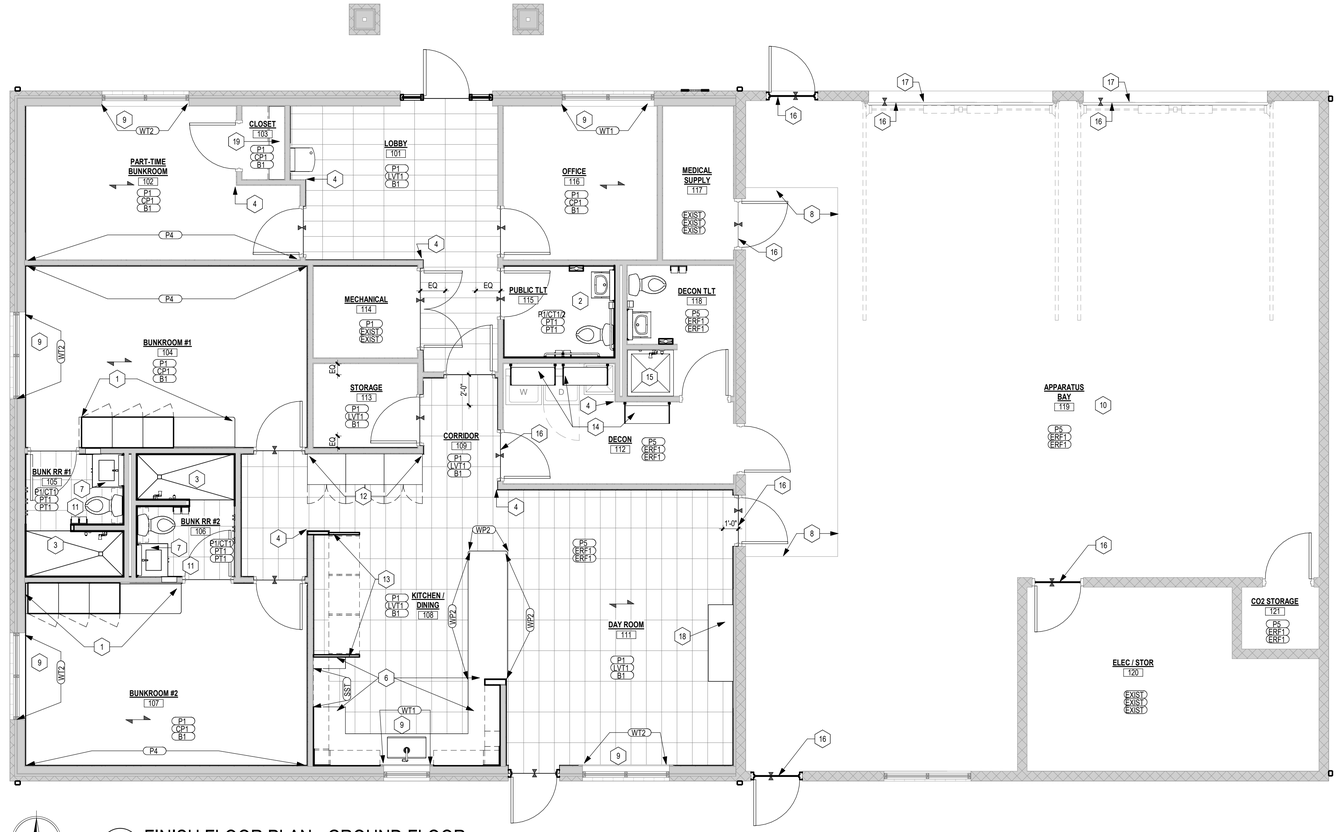
WT1	WINDOW TREATMENTS - ROLLER SHADES - SOLAR SHADES MFGR: SWF WINDOW FASHIONS STYLE: CROSSHATCH S1000, 3% OPENNESS SHADECLOTH COLOR: CROSSHATCH S300 C6208 EBONY. FASCIA: 875 CLEAR ANODIZED, TRUE PERFORMANCE MANUAL SHADES, INSIDE MOUNT, STAINLESS PULL CHAIN & INCLUDE LONG ENOUGH CHAIN AT HIGH WINDOWS CONTACT: DUSTIN PALMER GOLTERMAN & SABO 314.336.2142 NOTE: WOOD WINDOW SILLS AS PART OF WINDOW SYSTEM
WT2	WINDOW TREATMENTS - ROLLER SHADES - BLACKOUT BUNKRMS/DAY RM MFGR: SWF WINDOW FASHIONS STYLE: ENTERPRISE BLACKOUT SHADECLOTH COLOR: DARK GRAY C1305. FASCIA: 875 CLEAR ANODIZED, TRUE PERFORMANCE MANUAL SHADES, INSIDE MOUNT, STAINLESS PULL CHAIN & INCLUDE LONG ENOUGH CHAIN AT HIGH WINDOWS CONTACT: DUSTIN PALMER GOLTERMAN & SABO 314.336.2142 NOTE: WOOD WINDOW SILLS AS PART OF WINDOW SYSTEM

WOOD

WD1	WOOD DOORS MFGR: VT INDUSTRIES SPECIES: WHITE MAPLE PLAIN SLICED SELECT COLOR: SUBMIT SAMPLES OF MANUFACTURER STANDARD COLORS FOR SELECTION

WOOD CABINETRY

WDC	WOOD CABINETRY - KITCHEN MFGR: KRAFTMAID OR APPROVED EQUAL SPECIES: WHITE MAPLE PLAIN SLICED SELECT, PLYWOOD CABINET CONSTRUCTION, DOOR STYLE: TRUMBELL FULL OVERLAY COLOR: SELECT FROM MANUFACTURERS STANDARD RUNNING LINE TO MATCH WD1 NOTE: INSTALL SOFT CLOSERS ALL DOOR & DRAWER INSTALL WITH DECORATIVE HARDWARE DH1



A1 FINISH FLOOR PLAN - GROUND FLOOR
1/4" = 1'-0"

INTERIOR FINISH GENERAL NOTES

1. INTERIOR FINISH MATERIALS SHALL COMPLY WITH THE FLAME SPREAD & SMOKE DEVELOPMENT LIMITATION USED IN CHAPTER 8 OF THE INTERNATIONAL BUILDING CODE.
2. ALL INTERIOR WALL COVERINGS MUST COMPLY WITH THE FOLLOWING: CLASS 1, FLAME SPREAD RATING 0-25 ASTM-E-84 PER FINISH SHEET.
3. G.C. TO SUBMIT ALL FINISHES IN MATERIAL SAMPLE FORM TO DESIGNER FOR APPROVAL PRIOR TO ORDER OF MATERIALS - NO INTERNET OR COPY FORM SUBMITTALS WILL BE APPROVED.
4. ALL WALLS TO BE PAINTED P1 AND ALL INTERIOR DOOR FRAMES & SIDELIGHTS, WINDOW FRAMES IN DOORS TO BE PAINTED P2 UNLESS NOTED OTHERWISE. REFER TO FLOOR FINISH PLAN FOR ACCENT PAINT LOCATIONS. ALL PAINTED SURFACES TO RECEIVE (1) PRIME COAT AND A MINIMUM OF (2) FINISH COATS PER PAINT COLOR. DARKER ACCENT COLORS TO RECEIVE (3-4) FINISH COATS FOR OPTIMAL COVERAGE.
5. REFER TO REFLECTED CEILING PLAN FOR CEILING SYSTEM TYPES AND SOFFIT ACCENT PAINT COLOR LOCATIONS. ALL EXPOSED FACES OF SOFFITS TO BE PAINTED INCLUDING UNDERSIDE. ALL GYP. BD. CEILINGS TO BE PAINTED P3 UNLESS NOTED OTHERWISE.
6. REFER TO FLOOR PLAN FOR ADJUSTABLE SHELVING LOCATIONS. ADJUSTABLE SHELVING SHALL BE HEAVY DUTY WHITE MELAMINE SHELVES WITH WHITE PVC EDGES MOUNTED ON WHITE HEAVY DUTY WALL MOUNTED STANDARDS WITH WHITE ADJUSTABLE HEAVY DUTY BRACKETS UNLESS NOTED OTHERWISE.
7. ALL BUILT-IN CASEWORK TO BE VERIFIED AND COORDINATED WITH OWNER. G.C. TO SUBMIT SHOP DRAWINGS TO DESIGNER FOR APPROVAL PRIOR TO ORDER OF MATERIALS.
8. ALL HARDWARE TO BE BRUSHED STAINLESS STEEL FINISH UNLESS NOTED OTHERWISE.
9. ALL FLOORING TO RUN FROM PARTITION TO PARTITION AND CENTER FLOORING IN DOOR OPENINGS AS REQUIRED, TYPICAL THROUGHOUT.
10. PROVIDE APPROPRIATE ADA COMPLIANT TRANSITION/REDUCER STRIPS TO MATCH FLOORING AT ALL FLOORING MATERIAL TRANSITIONS AS NEEDED UNLESS NOTED OTHERWISE.
11. ALL FLOORING PATTERN/GRAIN TO RUN IN THE SAME DIRECTION THROUGHOUT UNLESS NOTED OTHERWISE. SEE FINISH FLOOR PLAN.
12. SEE FINISH FLOOR PLAN FOR WALL PROTECTION LOCATIONS. WAINSCOTS AND CORNER GUARDS WHERE NOTED TO BE INSTALLED SO THAT BOTTOM EDGE ALIGNS WITH TOP EDGE OF SPECIFIED BASE. TYPICAL THROUGHOUT. CHAIR RAIL AND RUB RAIL LOCATIONS AND HEIGHTS TO BE VERIFIED WITH OWNER/TENANT FURNITURE PRIOR TO INSTALLATION.
13. SUBMIT SHOP DRAWINGS FOR ALL WINDOW TREATMENTS TO DESIGNER FOR APPROVAL PRIOR TO ORDER OF MATERIALS.
14. PROVIDE (2) CARTONS OF CARPET TILE FOR OWNER'S FUTURE MAINTENANCE.

KEYED NOTES FINISH FLOOR PLAN

MARK	DESCRIPTION
1	BUNK ROOM #1 & #2 CUSTOM LAMINATE WARDROBE UNITS LOCKERS: TALL CABINETS PL2 WITH WHITE MELAMINE INTERIORS, PROVIDE HASP LOCKING HARDWARE FOR OWNER PROVIDED PADLOCKS, WORKSURFACE & BACKSPLASH TO BE PL4, SEE ELEVATIONS AND DETAILS
2	INDIV. TOILET ROOM: INSTALL CERAMIC TILE WAINSCOT WET WALL, SIDE WALLS AT TOILET CT1 WITH ACCENT RIBBON CT2, HEIGHT AS INDICATED, TOP CAP & OUTSIDE EDGES TRIM SCHLUTER SCHIENE TR1, INCLUDE COVE TRIM SCHLUTER DILEX TRS WHERE FLOOR TILE MEETS WALL TILE. ON WALLS WITHOUT WAINSCOT CUT TILE BASE 4"H X 24" L INSTALL WITH SCHLUTER TOP CAP TR1. PAINT ABOVE TILE ALL WALLS. CONCRETE BACKER BOARD AT TILE AND MOISTURE RESISTANT GYP BOARD ALL WALLS & CEILING. REFER TO ELEVATIONS FOR ADD'L INFORMATION
3	SHOWERS: FULL HEIGHT VERTICAL WALL PANELS SDS1 ALL WALLS & OUTSIDE FACE OF WING WALLS. SEAL ALL PERIMETER EDGES W/TRANSLUCENT SEALANT. SHOWER FLOORS: INPRO PRISM SHOWER RECEPTOR, ADA THRESHOLD, CUSTOM SIZE, COLOR P9011 BRIGHT WHITE
4	PROVIDE & INSTALL CORNER GUARDS WP1
6	PROVIDE & INSTALL NEW 25"D SOLID SURFACE KITCHEN COUNTERTOPS WITH 4" HIGH BACKSPLASH SDS1, NEW UNDERMOUNT STAINLESS SINK, NEW WOOD BASE & WALL CABINETS WDC WITH NEW DECORATIVE HARDWARE DH1. PROVIDE WALL PROTECTION SHEET & CORNER GUARDS AT PENINSULA KICKPLAATE. CERAMIC TILE BACKSPLASH UNDER CABINETS CT1 WITH RIBBON OF CT2, STAINLESS STEEL BACKSPLASH AT RANGE.
7	TOILET VANITIES SOLID SURFACE COUNTERTOP & 4"H BACKSPLASH SDS2 FLOATING BASE CABINET PL1. SEE ELEVATIONS AND DETAILS
8	APPARATUS BAY FLOOR: PAINTED YELLOW 6" WIDE SAFETY STRIPE AT STEP EDGE P7.
9	EXTERIOR WINDOWS: PROVIDE & INSTALL ROLLER SHADE WINDOW TREATMENT, ALL EXTERIOR WINDOWS. PRIME & PAINT WOOD TRIM & SILLS AT WINDOWS P2.
10	APPARATUS BAY: PAINTED MAN DOORS & HM FRAMES TO BE PAINTED P6. FOR DOORS THE TWO DOORS INTO STAFF QUARTERS SPLIT THE DOOR & FRAME COLOR TBD ON APP. BAY SIDE, IRON ORE STAFF SIDE
11	STAFF TOILET ROOM: INSTALL CERAMIC TILE WAINSCOT WET WALL & SIDE WALLS AT TOILET CT1, HEIGHT AS INDICATED, TOP CAP & OUTSIDE EDGES TRIM SCHLUTER SCHIENE TR1, INCLUDE COVE TRIM SCHLUTER DILEX TRS WHERE FLOOR TILE MEETS WALL TILE. ON WALLS WITHOUT WAINSCOT CUT TILE BASE PT1 4"H X 24" L INSTALL WITH SHCLUTER TOP CAP TR1. PAINT ABOVE TILE ALL WALLS. CONCRETE BACKER BOARD AT TILE AND MOISTURE RESISTANT GYP BOARD ALL WALLS & CEILING. REFER TO ELEVATIONS FOR ADD'L INFORMATION
12	NEW WOOD PANTRIES WDC WITH FINISHED MATCHING WOOD ENDPANELS. SEE ELEVATIONS AND DETAILS. CUSTOM DIGI LOCK EACH PANTRY-DIGITLOCK 6G ASPIRE KEYPAD TO INCLUDE SECURITY LATCH FUNCTIONALITY, VERTICAL BODY, FINISH BLACK
13	NEW WOOD CABINETRY AND FRIDGE SURROUNDS WDC WITH FINISHED MATCHING WOOD ENDPANELS, DECORATIVE HARDWARE DH1. SEE ELEVATIONS AND DETAILS.
14	PROVIDE & INSTALL STAINLESS STEEL SHELVES
15	DECON SHOWER FRP WALLS PANELS FULL HEIGHT, SHOWER PAN INPRO PRISM SHOWER RECEPTOR, ADA THRESHOLD, CUSTOM SIZE, COLOR P9011 BRIGHT WHITE, HEAVY DUTY CURTAIN ROD, STAINLESS RINGS, .08 GAUGE VINYL SHOWER CURTAIN BOBRICK OR APPROVED EQUAL
16	PROVIDE SAWCUT TERMINATION AT LEADING EDGE OF EPOXY RESIN FLOORING, TYP.
17	PREP, PRIME AND PAINT OVERHEAD BAY DOORS AND FRAMES.FOLLOW ALL MANUFACTURER GUIDELINES FOR REQUIRED PREP WORK. SEE EXTERIOR ELEVATIONS
18	PROVIDE & INSTALL NEW SOLID SURFACE COUINTERTOP SDS1, NEW WOOD BASE CABINETS WDC WITH NEW DECORATIVE HARDWARE DH1.
19	PROVIDE & INSTALL CLOSET SHELF PL5 WITH HANGER ROD

FINISH PLAN LEGEND

SYMBOL DENOTES:

WALL FINISH
FLOOR FINISH
BASE FINISH

FLOOR MATERIAL CHANGE

CARPET PATTERN / TILE / LVT DIRECTION

NOTE: * INDICATES THAT FINISH VARIES. REF. ELEVATIONS AND FINISH PLAN FOR ADD'L INFO

EACH ROOM SHALL HAVE A ROOM FINISH TAG. SEE FLOOR FINISH PLAN. REFER TO FINISH PLAN KEYNOTES FOR CASEWORK FINISHE AND REFLECTED CEILING PLAN FOR CEILING FINISHES.

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ROY A. MANGAN
NUMBER A-6661
ARCHITECT
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Expires: 12/31/2026

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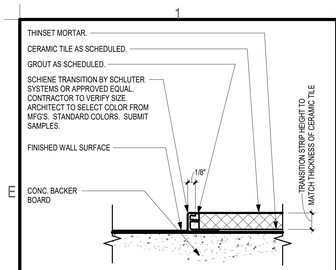
Proposed: House 3 Renovations
MERAMEC AMBULANCE DISTRICT - STATION NO. 3
7390 STATE HIGHWAY O

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FINISH FLOOR PLAN / FINISH SCHED

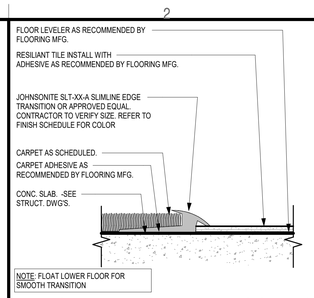
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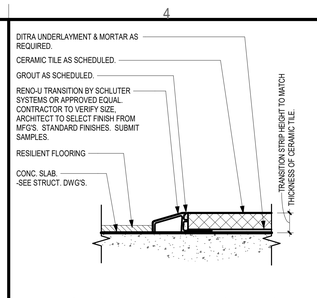
CERAMIC TILE PERIMETER TRANSITION DETAIL "TR1"

E1 FULL SCALE



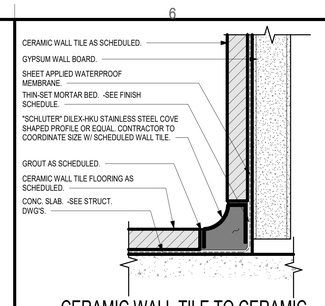
CARPET TO VINYL FLOORING TRANSITION DETAIL "TR2"

A2 FULL SCALE



PORCELAIN TILE TO LVT/ KINETEX TRANS.DETAIL "TR4"

A4 FULL SCALE



CERAMIC WALL TILE TO CERAMIC FLOOR TILE TRANSITION. "TR6"

A6 FULL SCALE

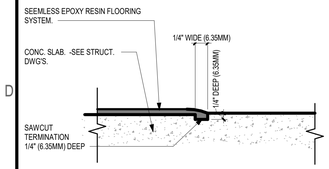
EQUIPMENT LEGEND

MARK	QTY	EQUIPMENT	SUPPLIED / INSTALLED
EQ-1	1	65" TV MONITOR & BRACKETS BY OWNER, GC TO INSTALL BRACKETS & MONITORS	OWNER / CONTRACTOR
EQ-2	2	48" TV MONITOR WITH WALL MOUNTED EXTENDABLE TV BRACKET (BY OWNER). GC TO INSTALL BRACKETS & MONITORS	OWNER / CONTRACTOR
EQ-3	2	42" TV MONITOR & BRACKET BY OWNER. GC TO INSTALL BRACKETS & MONITORS	OWNER / CONTRACTOR
EQ-4	1	30" ELECTRIC RANGE	OWNER / CONTRACTOR
EQ-5	1	24" MICROWAVE WITH VENT	OWNER / CONTRACTOR
EQ-6	1	24" WIDE DISHWASHER	OWNER / CONTRACTOR
EQ-7	3	30" WIDE FRENCH DOOR REFRIDGERATOR WITH WATER AND ICE (GC TO HOOK UP TO WATER LINE)	OWNER / CONTRACTOR

NOTE: OWNER TO PROVIDE TAILGATE DELIVERY OF APPLIANCES. CONTRACTOR TO TAKE POSSESSION, PLACE, AND CONNECT APPLIANCES

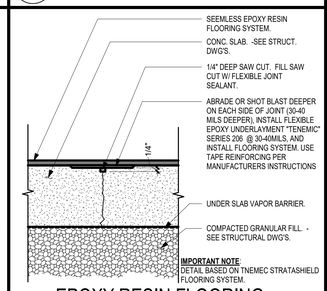
FURNITURE SCHEDULE

MARK	QTY	DESCRIPTION	SUPPLIED / INSTALLED
F-1	7	TWIN XL BED	OWNER / OWNER
F-2	7	18" x 18" END TABLE	OWNER / OWNER
F-3	2	SMALL CHAIR	OWNER / OWNER
F-4	6	BARSTOOL	OWNER / OWNER
F-5	3	RECLINER	OWNER / OWNER



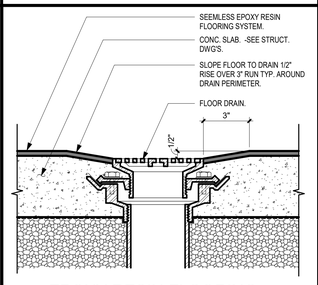
EPOXY RESIN FLOOR TERMINATION ERF TO CONCRETE

D1



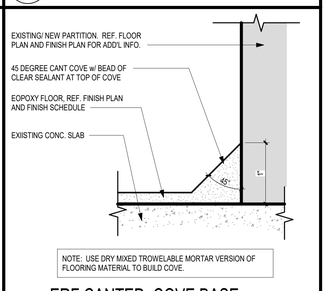
EPOXY RESIN FLOORING CONTROL JOINT DETAIL

D2 3" = 1'-0"



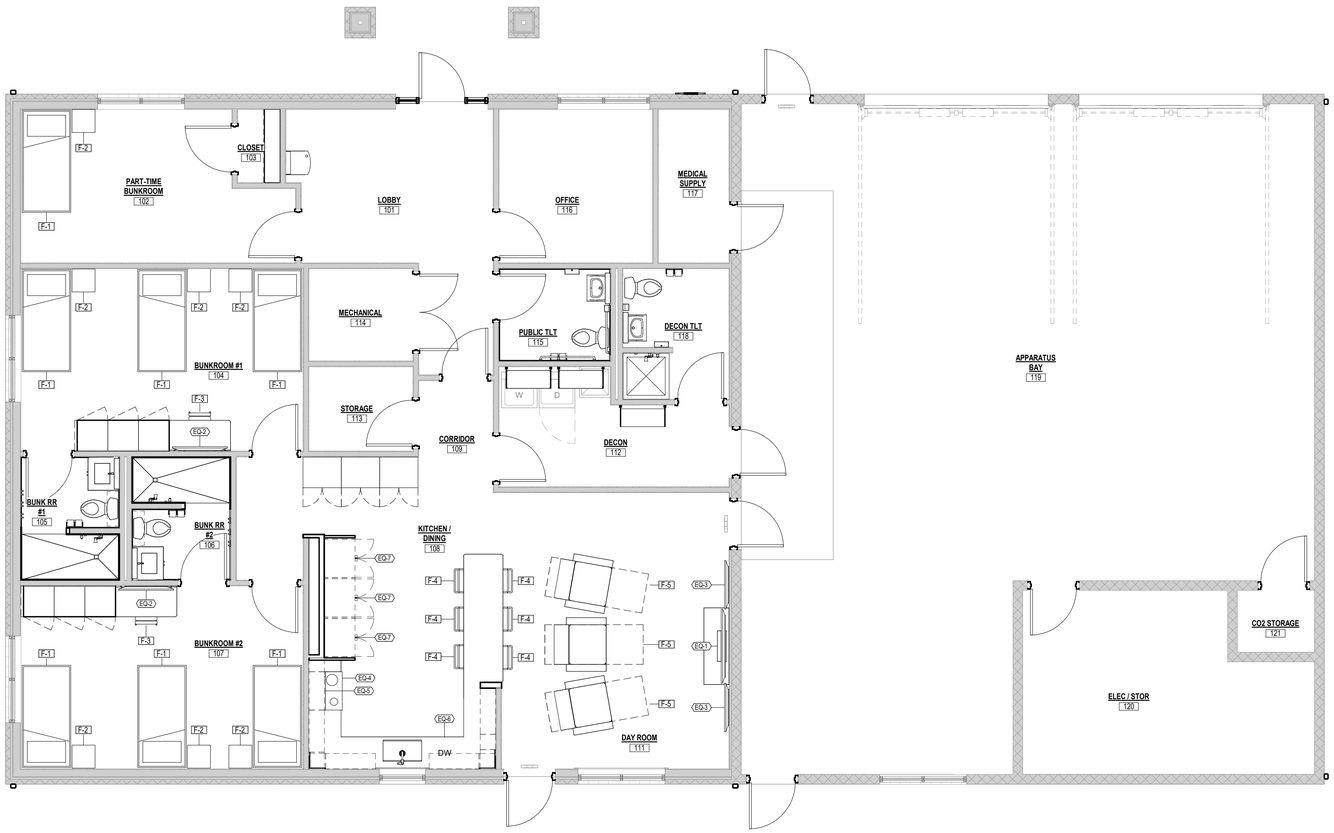
EPOXY RESIN FLOORING FLOOR DRAIN DETAIL

D3 3" = 1'-0"



ERF CANTED COVE BASE TRANSITION TO WALL DETAIL

D4 FULL SCALE



EQUIPMENT PLAN - GROUND FLOOR

A1 1/4" = 1'-0"

N

SCALE: 3" = 1'-0" 1" 6" 3" 0
SCALE: 1 1/2" = 1'-0" 2" 1" 6" 3" 0
SCALE: 1" = 1'-0" 2" 1" 6" 0
SCALE: 3/4" = 1'-0" 2" 1" 0
SCALE: 1/2" = 1'-0" 4" 2" 1" 0
SCALE: 3/8" = 1'-0" 4" 2" 0
SCALE: 1/4" = 1'-0" 8" 4" 2" 0
SCALE: 1/8" = 1'-0" 16" 8" 4" 0
SCALE: 3/32" = 1'-0" 16" 8" 0
SCALE: 1/16" = 1'-0" 32" 16" 8" 0

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Proposed: House 3 Renovations
MERAMEC AMBULANCE
DISTRICT - STATION NO. 3
7390 STATE HIGHWAY O

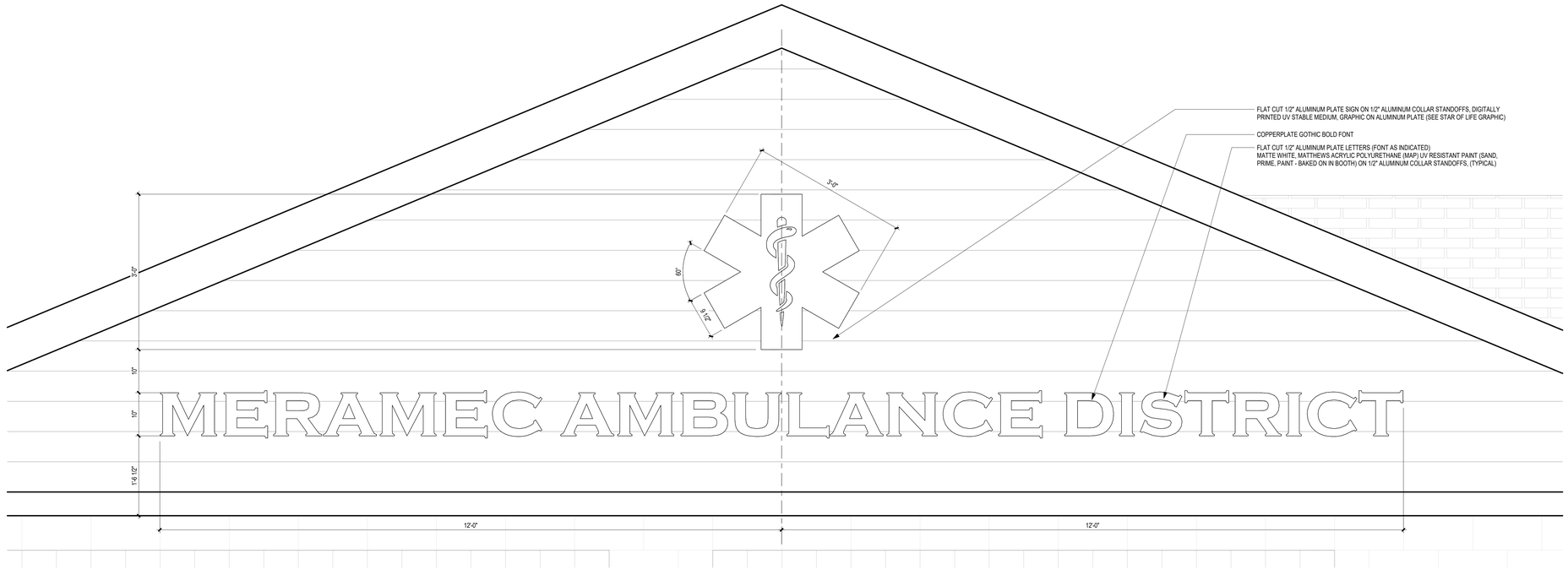
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	10/16/2026	BIDDING / PERMIT DOCUMENTS

FLOORING / EQUIPMENT / FURNITURE

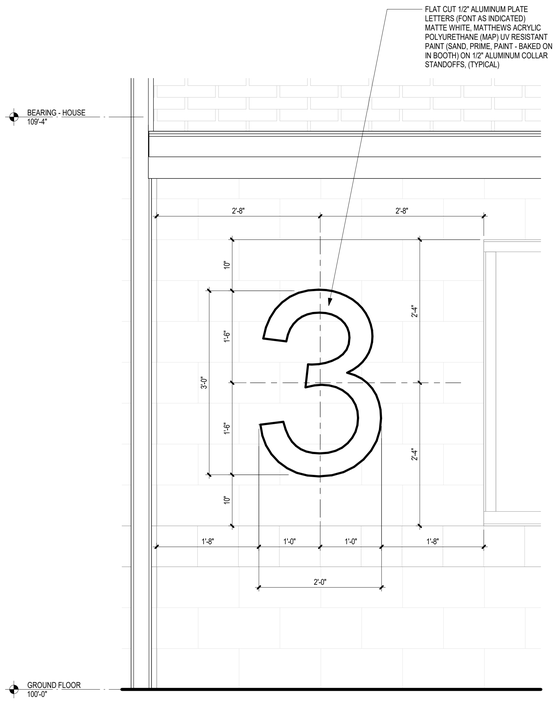
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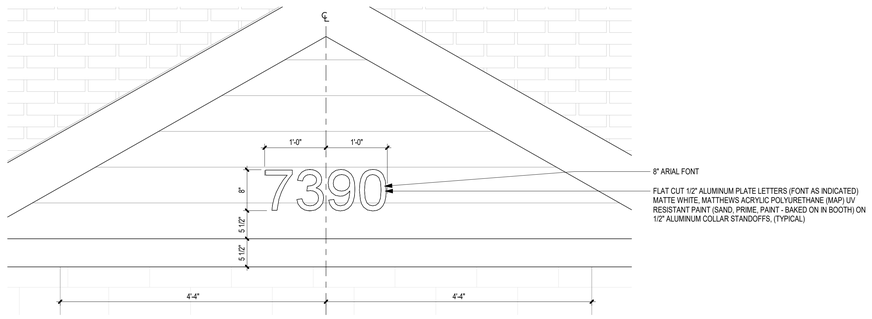
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C1 BUILDING SIGNAGE
1" = 1'-0"



A1 STATION NUMBER SIGN
1" = 1'-0"



A4 ADDRESS NUMBER SIGN
1" = 1'-0"

SCALE: 3" = 1'-0"
SCALE: 1 1/2" = 1'-0"
SCALE: 1" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 1/2" = 1'-0"
SCALE: 3/8" = 1'-0"
SCALE: 1/4" = 1'-0"
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STATE OF MISSOURI
ROY A. MANGAN
NUMBER A-6661
ARCHITECT
Roy A. Mangan 10/16/2026
MO Architect License No: A-6661
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Proposed: House 3 Renovations
MERAMEC AMBULANCE DISTRICT - STATION NO. 3
7390 STATE HIGHWAY O

No.	Revision	Date
	BIDDING / PERMIT DOCUMENTS	10/16/2026

SIGNAGE - EXTERIOR

Project No. 25083
Sheet No. A811
Date 10/16/2026

PLUMBING SYSTEMS:

– – – – –	ACID RESISTANT VENT (AV)
AW	ACID RESISTANT WASTE LINE
DIR	DEIONIZED WATER RETURN PIPING
DIS	DEIONIZED WATER SUPPLY PIPING
– – – – –	DOMESTIC COLD WATER (DCW)
– – – – –	DOMESTIC HOT WATER (DHW)
– – – – –	DOMESTIC HOT WATER RETURN (DHWR)
SCW	DOMESTIC SOFT COLD WATER
GW	GREASE WASTE
D	INDIRECT DRAIN OR CONDENSATE
G	NATURAL GAS
NP	NON POTABLE WATER
OST	OVERFLOW DRAIN
LP	PROPANE (PSI)
RO	REVERSE OSMOSIS WATER
S	SANITARY PIPING
S/O/W	SAND/OIL WASTE
ST	STORM DRAIN
TW	TEMPERED WATER
TWR	TEMPERED WATER RECIRCULATING
– – – – –	VENT (V)
– – – – –	DRAIN TILE (DT)
	AUTOMATIC AIR VENT
	BACKFLOW PREVENTER
	CHECK VALVE
	BALANCING VALVE (CIRCUIT SETTER)
	FLOW ARROW/DIRECTION
	FLOW CONTROL VALVE
	PRESSURE GAUGE AND COCK
	PRESSURE REDUCING VALVE / PRESSURE REGULATING VALVE
	REDUCER
	WATER HAMMER ARRESTOR
	SHUT OFF VALVE
	SOLENOID VALVE
	STRAINER
	TEMP & PRESSURE RELIEF VALVE
	TEST PLUG
	THERMOMETER
	UNION (DIELECTRIC)
	(DASHED) INDICATED PIPING TO BE REMOVED
	CONNECTION TO EXISTING
EQ-1	EQUIPMENT NUMBER
P 1	INDICATES PLUMBING RISER
1	KITCHEN EQUIPMENT NUMBER
1	REVISION DELTA
#	KEYED NOTE
#	DEMOLITION KEYED NOTE
	ELBOW DOWN
	ELBOW UP
	TEE DOWN
	TEE UP
	P-TRAP

PLUMBING LEGEND

NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED

ABBREVIATIONS:

AD	AREA DRAIN
ADA	AMERICANS WITH DISABILITIES ACT COMPLIANT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISH GRADE
AP	ACCESS PANEL
AV	ACID RESISTANT VENT
AVTR	ACID RESISTANT VENT THRU ROOF
AW	ACID RESISTANT WASTE
BFG	BELOW FINISHED GRADE
BFP	BACKFLOW PREVENTER
BGB	BOTTOM OF GRADE BEAM
BM	BEAM
BOB	BOTTOM OF BEAM
BOD	BOTTOM OF DUCT
BOF	BOTTOM OF FOOTING
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF SLAB
BOW	BOTTOM OF WALL
BOT	BOTTOM
BT	BATHTUB
CBV	CALIBRATED BALANCING VALVE
CL	CENTERLINE
CI	CAST IRON
CO	CLEANOUT
CV	CHECK VALVE
CW	CITY WATER
DCW	DOMESTIC COLD WATER
DD	DECK DRAIN
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RETURN
DI	DUCTILE IRON
DIA	DIAMETER
DIR	DEIONIZED WATER RETURN
DIS	DEIONIZED WATER SUPPLY
DN	DOWN
DR	DRAIN
DS	DOWNSPOUT
DTL	DETAIL
DWG(S)	DRAWING(S)
DWR	DISTILLED WATER RETURN
DWS	DISTILLED WATER SUPPLY
EC	ELECTRICAL CONTRACTOR - DIVISION 26
ELEC	ELECTRIC
ELEV	ELEVATION
EOR	ENGINEER OF RECORD
EQ	EQUAL
EXIST, EX	EXISTING
FA	FROM ABOVE
FB	FROM BELOW
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FH	FIRE HYDRANT
FIN	FINISHED
FS	FLOOR / FIRE LINE
FP	FIRE PUMP
FPC	FIRE PROTECTION CONTRACTOR - DIVISION 21
FL	FLOOR / FLOW LINE
FT	FEET
FT-HD	FEET IN HEAD
FVC	FIRE VALVE CABINET
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRADE BEAM
GC	GENERAL CONTRACTOR
GCO	GRADE CLEANOUT
GPM	GALLONS PER MINUTE
H	HEIGHT
HB	HOSE BIBB
HD	HUB DRAIN
HE	HOSE END
HORIZ	HORIZONTAL
HP	HORSEPOWER
HT	HOUSE TRAP
HW	HOT WATER

ABBREVIATIONS:

HWR	HOT WATER RETURN
HZ	HERTZ
IN	INCH/INCHES
IE	INVERT ELEVATION
INV	INVERT
JP	JOCKEY PUMP
L	LENGTH
LVL	LEVEL
MAX	MAXIMUM
MB	MOP BASIN
MC	MECHANICAL CONTRACTOR - DIVISION 23
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OAI	OUTSIDE AIR INTAKE
OB	OUTLET BOX
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED / CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED / OWNER INSTALLED
ORD	OVERFLOW ROOF DRAIN
OST	OVERFLOW STORM
PC	PLUMBING CONTRACTOR - DIVISION 22
PH	PHASE
PRESS	PRESSURE
PRV	PRESSURE REDUCING VALVE / PRESSURE REGULATING VALVE
PSI	PSI ABSOLUTE
PSIA	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE IN GAUGE
QTY	QUANTITY
RCP	REINFORCED CONCRETE PIPE / REFLECTED CEILING PLAN
RD	ROOF DRAIN
RPZ	REDUCED PRESSURE BACKFLOW PREVENTER
RPM	REVOLUTIONS PER MINUTE
SAN	SANITARY
SCW	SOFT COLD WATER
SF	SQUARE FOOT
SHT	SHEET
SOL	SOLENOID
SOV	SHUTOFF VALVE
SP	SUMP PUMP
SQ	SQUARE
ST	STORM
STL	STEEL
STR	SOIL STACK THRU ROOF
SW	STREET WASHER
T&P	TEMPERATURE & PRESSURE
TDH	TOTAL DYNAMIC HEAD
TEMP	TEMPERATURE
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOS	TOP OF SLAB
TOT	TOTAL
TPC	TOP OF PIER CAP
TW	TEMPERED WATER
TYP	TYPICAL
VL	VALVE
VB	VACUUM BREAKER
V	VENT
VTR	VENT THRU ROOF
VERT	VERTICAL
VCP	VITREOUS CLAY PIPE
VOL	VOLUME
WB	WASHER BOX
WCO	WALL CLEAN OUT
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
WT	WEIGHT
W/	WITH
W/O	WITH / WITHOUT
YD	YARD DRAIN

GENERAL NOTES:

1. BECAUSE OF THE LIMITED SPACE AVAILABLE TO INSTALL ALL OF THE PLUMBING WORK, COORDINATION BETWEEN OTHER TRADES IS OF THE UTMOST IMPORTANCE.
2. DRAWINGS INDICATE THE GENERAL LOCATION AND ARRANGEMENT OF FIXTURES, EQUIPMENT AND PIPING SYSTEMS. LOCATION AND ARRANGEMENT OF PIPING LAYOUT TAKES INTO ACCOUNT MANY DESIGN CONSIDERATIONS. SO FAR AS PRACTICAL, INSTALL PIPING AS INDICATED. THE CONTRACTOR SHALL REPORT, IN WRITING, ANY DISCREPANCIES WHICH PREVENT THE INSTALLATION OF WORK AS SHOWN.
3. THE CONTRACTOR SHALL VISIT THE PROJECT SITE, AND VERIFY LOCATIONS, ELEVATIONS AND SIZES OF ALL UTILITIES AT SITE PRIOR TO PROCEEDING WITH WORK. EXISTING SYSTEMS AND STRUCTURE SHALL BE INVESTIGATED FOR BEST POSSIBLE ROUTING OF PLUMBING PIPING.
4. THESE PLANS ARE DIAGRAMMATIC IN NATURE SINCE THE ONLY AVAILABLE INFORMATION HAS BEEN OBTAINED FROM EXISTING PLANS, SPECIFICATIONS, AND FIELD SURVEYS. THE EXACT LOCATION OF PIPING, FIXTURES, AND EQUIPMENT MAY DEVIATE FROM THE LOCATION INDICATED ON THESE DRAWINGS. EXTREME ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL BE PREPARED TO MAKE ALTERATIONS TO NEW AND/OR EXISTING SERVICES TO FIT JOB CONDITIONS. THE CONTRACTOR SHALL FURNISH A COMPLETE AND CODE COMPLYING SYSTEM.
5. IF THE CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS OR IS NOT COMPLETELY SURE OF THEIR MEANING, THE CONTRACTOR SHALL OBTAIN THE ENGINEERS WRITTEN EXPLANATION AND/OR INTERPRETATION PRIOR TO SUBMITTING BIDS, SINCE THE CONTRACTOR SHALL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ENGINEER.
6. DETAILS SHOWN IN THESE DRAWINGS APPLY TO INSTALLATIONS INDICATED REGARDLESS AS TO IF THEY ARE SPECIFICALLY REFERENCED ELSE WHERE IN THE DRAWING SET. ANY QUESTIONS ON THEIR APPLICABILITY SHALL BE SENT TO THE ENGINEER PRIOR TO BIDDING.

DEMOLITION NOTES:

1. CUTTING, REMOVING AND PATCHING OF EXISTING FLOOR(S), WALL(S), ROOF ETC., FOR PLUMBING PIPING INSTALLATION SHALL BE BY THE CONTRACTOR. EXCAVATION, REMOVAL, AND BACKFILL FOR PLUMBING PIPING INSTALLATION BELOW GRADE SHALL BE BY THE CONTRACTOR.
2. ALL ELBOWS, FITTINGS, ETC. IN PIPING ARE NOT NECESSARILY INDICATED.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR THE EXISTING SURFACES TO REMAIN WHERE THEIR WORK HAS BEEN COMPLETED. REPAIR SHALL INCLUDE, BUT NOT LIMITED TO, ANY EXISTING WALL, CEILING OR FLOOR THAT IS SCHEDULED TO REMAIN. REPAIR, PAINTING OR PATCHING SHALL BE COMPLETED BY AN APPROPRIATE CONTRACTOR QUALIFIED FOR THIS TYPE OF WORK.
4. THE OWNER SHALL MAINTAIN ALL SALVAGE RIGHTS OF FIXTURES, EQUIPMENT AND MATERIALS REMOVED. HOWEVER ALL FIXTURES, EQUIPMENT AND MATERIALS NOT CLAIMED BY THE OWNER SHALL BE REMOVED FROM THE PREMISES AND PROPERLY DISPOSED OF BY THE DEMOLITION CONTRACTOR.
5. THE CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING AND PATCHING OF FLOOR(S), WALL(S), ROOF AND/OR CEILING REMOVAL AND REPLACEMENT IN AREAS WHERE THE ONLY WORK IS PLUMBING OR FIRE PROTECTION WORK.
6. THE CONTRACTOR SHALL USE CAUTION WHEN REMOVING EXISTING PIPING, EQUIPMENT, ETC. TO AVOID DAMAGE TO ELECTRICAL WIRING, CONTROL WIRING, PIPING, ETC. THAT IS TO REMAIN. NOTIFY THE GC AND THE EC IF WIRING IS FOUND ATTACHED TO PIPING.
7. WHEREVER EXISTING EQUIPMENT, PIPING, ETC. ARE TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, HANGERS, FOUNDATIONS, ETC. UNLESS NOTED OTHERWISE AFTER REMOVAL; FLOORS, WALLS AND CEILINGS SHALL BE PATCHED AND FINISHED TO MATCH ADJOINING AREAS.
8. WHERE ITEMS ARE REMOVED, UTILITIES AND THE AREA FROM WHICH THE ITEMS HAVE BEEN REMOVED SHALL BE LEFT IN SUCH A MANNER THAT IS SAFE FOR BOTH PEOPLE AND PROPERTY ON A DAILY BASIS.
9. WHERE POWERED AND/OR CONTROLLED EQUIPMENT OR ACCESSORIES ARE REMOVED AND WIRING IS NOT TO BE REUSED, REMOVE ALL WIRING BACK TO PANEL UNLESS NOTED OTHERWISE. MODIFY CONTROLS SYSTEM WHERE APPLICABLE TO REMOVE DEMOLISHED ITEM.
10. ALL UTILITY SHUTDOWNS SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR AND THE OWNER.
11. COORDINATE ALL SYSTEM SHUT DOWNS WITH THE OWNER. MINIMIZE THE DOWNTIME OF SYSTEMS TO THE GREATEST EXTENT AS POSSIBLE.

PLUMBING SYSTEM COMPONENTS EARTHQUAKE LOAD RESISTANCE

OCCUPANCY CATEGORY (IV) — **SEISMIC DESIGN CATEGORY (D)**

LISTING OF EQUIPMENT & SYSTEM COMPONENTS	ANCHORAGE TO FLOORS, ROOF, ETC.		SWAY BRACING		LOCATION OF PROFESSIONALLY-SEALED ANCHORAGE AND SWAY BRACING DETAILS		COMMENTS
					ON CONSTRUCTION DOCUMENTS	SUBSEQUENT SUBMITTAL SEPARATE PERMIT AND PLANS	
	NOT PROVIDED	PROVIDED	NOT PROVIDED	PROVIDED	DRAWING NO. OR SPEC. SECTION		
OTHER GENERAL EQUIPMENT & SYSTEM COMPONENTS Ip=1.0							
WASTE PIPING	X		X				
VENT PIPING	X		X				
WATER PIPING	X		X				

EXPLANATORY NOTES:
1. PLANS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF THIS PROJECT ALONG WITH A SEPARATE PERMIT APPLICATION NEED TO BE SUBMITTED TO THE AHJ A MINIMUM OF TWO WEEKS PRIOR TO THE PLANNED INSTALLATION TO ALLOW FOR PLAN REVIEW AND DISTRIBUTION TO THE INSPECTOR. ADDITIONAL TIME MAY BE NEEDED IF SUCH SUBMISSIONS ARE DEFICIENT.
2. SWAY BRACING REQUIRED FOR ITEMS SUSPENDED FROM STRUCTURE, UNLESS EXEMPT.
3. ANCHORAGE & BRACING CONTRACTOR SHALL REFER TO SPECIFICATIONS ON SEISMIC ANCHORAGE & SWAY BRACING.
4. ALL SEISMIC SHOP DRAWINGS SHALL BE REVIEWED BY THE ENGINEER OF RECORD PRIOR TO SUBMITTAL TO THE CODE REVIEWER.
5. CONTRACTOR SHALL ADHERE TO REQUIREMENTS FOR EXEMPTION, WHERE NOTED, OR PROVIDE SEISMIC BRACING DESIGNED BY A QUALIFIED ENGINEER LICENSED IN THE PROJECT'S STATE.

EXEMPTION NOTES:
1. SEISMIC DESIGN CATEGORY B - ASCE 7-22 TABLE 13.1-1
2. SEISMIC DESIGN CATEGORY C, THE COMPONENT IMPORTANCE FACTOR Ip=1.0, AND THE COMPONENT IS POSITIVELY ATTACHED TO THE STRUCTURE. ASCE 7-22 TABLE 13.1-1.
3. SEISMIC DESIGN CATEGORY C, D, E, OR F AND THE COMPONENT WEIGHS 20 LBS OR LESS. ASCE 7-22 TABLE 13.1-1.
4. SEISMIC DESIGN CATEGORY D, E, OR F, AND THE COMPONENT IMPORTANCE FACTOR Ip = 1.0, AND THE CENTER OF MASS IS 4 FT OR LESS ABOVE THE FLOOR, AND THE COMPONENT WEIGHS 400LBS OR LESS, AND FLEXIBLE CONNECTIONS ARE PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. ASCE 7-22 TABLE 13.1-1.
5. SEISMIC DESIGN CATEGORY D, E, OR F, AND THE COMPONENT IMPORTANCE FACTOR Ip = 1.0, AND FOR DISTRIBUTION SYSTEMS THE OPERATING WEIGHT OF THE SYSTEM IS 5LB/FT OR LESS. ASCE 7-22 TABLE 13.1-1.
6. PIPING SYSTEMS WHERE FLEXIBLE CONNECTIONS, EXPANSION LOOPS, OR OTHER ASSEMBLIES ARE PROVIDED TO ACCOMMODATE THE RELATIVE DISPLACEMENT BETWEEN COMPONENT AND PIPING, WHERE THE PIPING SYSTEM IS POSITIVELY ATTACHED TO THE STRUCTURE, AND WHERE ONE OF THE FOLLOWING APPLY (ASCE 7-22 SECTION 13.6.7.3):
   6.1 TRAPEZE ASSEMBLIES ARE SUPPORTED BY 0.375 IN. (10 MM) DIAMETER ROD HANGERS NOT EXCEEDING 12 IN. (305 MM) IN LENGTH FROM THE PIPE SUPPORT POINT TO THE CONNECTION AT THE GREATER SUPPORTING STRUCTURE, DO NOT SUPPORT PIPING WITH I P THAN 1.0, NO SINGLE PIPE EXCEEDS THE LIMITS SET FORTH IN ITEMS 6.4A, 6.4B, OR 6.4C BELOW, AND THE TOTAL WEIGHT SUPPORTED BY ANY SINGLE TRAPEZE IS 100 LB (445 N) OR LESS;
   6.2 TRAPEZE ASSEMBLIES ARE SUPPORTED BY 0.5 IN. (13 MM) DIAMETER ROD HANGERS NOT EXCEEDING 12 IN. (305 MM) IN LENGTH FROM THE PIPE SUPPORT POINT TO THE CONNECTION AT THE SUPPORTING STRUCTURE, DO NOT SUPPORT PIPING WITH I P GREATER THAN 1.0, NO SINGLE PIPE EXCEEDS THE DIAMETER LIMITS SET FORTH IN ITEMS 6.4A, 6.4B, OR 6.4C BELOW, AND THE TOTAL WEIGHT SUPPORTED BY ANY SINGLE TRAPEZE IS 200 LB (890 N) OR LESS;
   6.3 TRAPEZE ASSEMBLIES ARE SUPPORTED BY 0.5 IN. (13 MM) DIAMETER ROD HANGERS NOT EXCEEDING 24 IN. (610 MM) IN LENGTH FROM THE PIPE SUPPORT POINT TO THE CONNECTION AT THE GREATER SUPPORTING STRUCTURE, DO NOT SUPPORT PIPING WITH I P THAN 1.0, NO SINGLE PIPE EXCEEDS THE DIAMETER LIMITS SET FORTH IN ITEMS 6.4A, 6.4B, OR 6.4C BELOW, AND THE TOTAL WEIGHT SUPPORTED BY ANY SINGLE TRAPEZE IS 100 LB (445 N) OR LESS;
   6.4 PIPING IS SUPPORTED BY ROD HANGERS AND PROVISIONS ARE MADE TO AVOID IMPACT WITH OTHER STRUCTURAL OR NONSTRUCTURAL COMPONENTS OR TO PROTECT THE PIPING IN THE EVENT OF SUCH IMPACT; OR PIPES ARE SUPPORTED BY INDIVIDUAL ROD HANGERS 0.375 IN. (10 MM) OR 0.5 IN. (13 MM) IN DIAMETER, WHERE EACH HANGER IN THE PIPE RUN IS 12 IN. (305 MM) OR LESS IN LENGTH FROM THE PIPE SUPPORT POINT TO THE CONNECTION AT THE SUPPORTING STRUCTURE, AND THE TOTAL WEIGHT SUPPORTED BY ANY SINGLE HANGER IS 50 LB (220 N) OR LESS. IN ADDITION, THE FOLLOWING LIMITATIONS ON THE SIZE OF PIPING SHALL BE OBSERVED:
      (A) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C WHERE Ip IS GREATER THAN 1.0, THE NOMINAL PIPE SIZE SHALL P BE 2 IN. (50 MM) OR LESS.
      (B) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY D, E, OR F WHERE Ip IS GREATER THAN 1.0, THE NOMINAL PIPE P SIZE SHALL BE 1 IN. (25 MM) OR LESS.
      (C) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY D, E, OR F WHERE Ip IS 1.0, THE NOMINAL PIPE SIZE SHALL BE 3 P IN. (80 MM) OR LESS.

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Proposed: House 3 Renovations
MERAMEC AMBULANCE DISTRICT - HOUSE 3
7390 STATE HIGHWAY O

No.	Date	Revision
	10/16/2026	BIDDING / PERMIT DOCUMENTS

PLUMBING SYMBOLS AND ABBREVIATIONS

STATE OF MISSOURI
RICHARD W. HALTEMAN
NUMBER PE-25112
PROFESSIONAL ENGINEER
10/16/26

Name: Richard W. Halteman
Discipline: Professional Engineer
License No: PE-25112
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Project No. 25083
Sheet No. P001
Date 10/16/2026

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SHEET P101 GENERAL NOTES

1 GENERAL CONTRACTOR SHALL NOT USE FLOOR DRAINS OR SANITARY SYSTEM FOR CONSTRUCTION MATERIAL DISPOSAL OR CLEANING. CONTRACTOR SHALL PROTECT ALL EXISTING FLOOR DRAINS AND SANITARY INLETS DURING CONSTRUCTION TO PREVENT ANY CONSTRUCTION DEBRIS FROM ENTERING THE SANITARY SYSTEM.

2 CONTRACTOR SHALL VERIFY LOCATION, DEPTH AND CONDITION OF ALL WASTE, DOMESTIC WATER AND VENT PRIOR TO DEMO.

SHEET P101 DEMO KEYED NOTES

1 EXISTING LAVATORY. DISCONNECT ALL DOMESTIC COLD AND HOT WATER PIPING, WASTE AND VENT PIPING. PREPARE ALL PIPING FOR NEW CONNECTION.

2 EXISTING WATER CLOSET. DISCONNECT ALL DOMESTIC COLD WATER PIPING, WASTE AND VENT PIPING. PREPARE ALL PIPING FOR NEW CONNECTION.

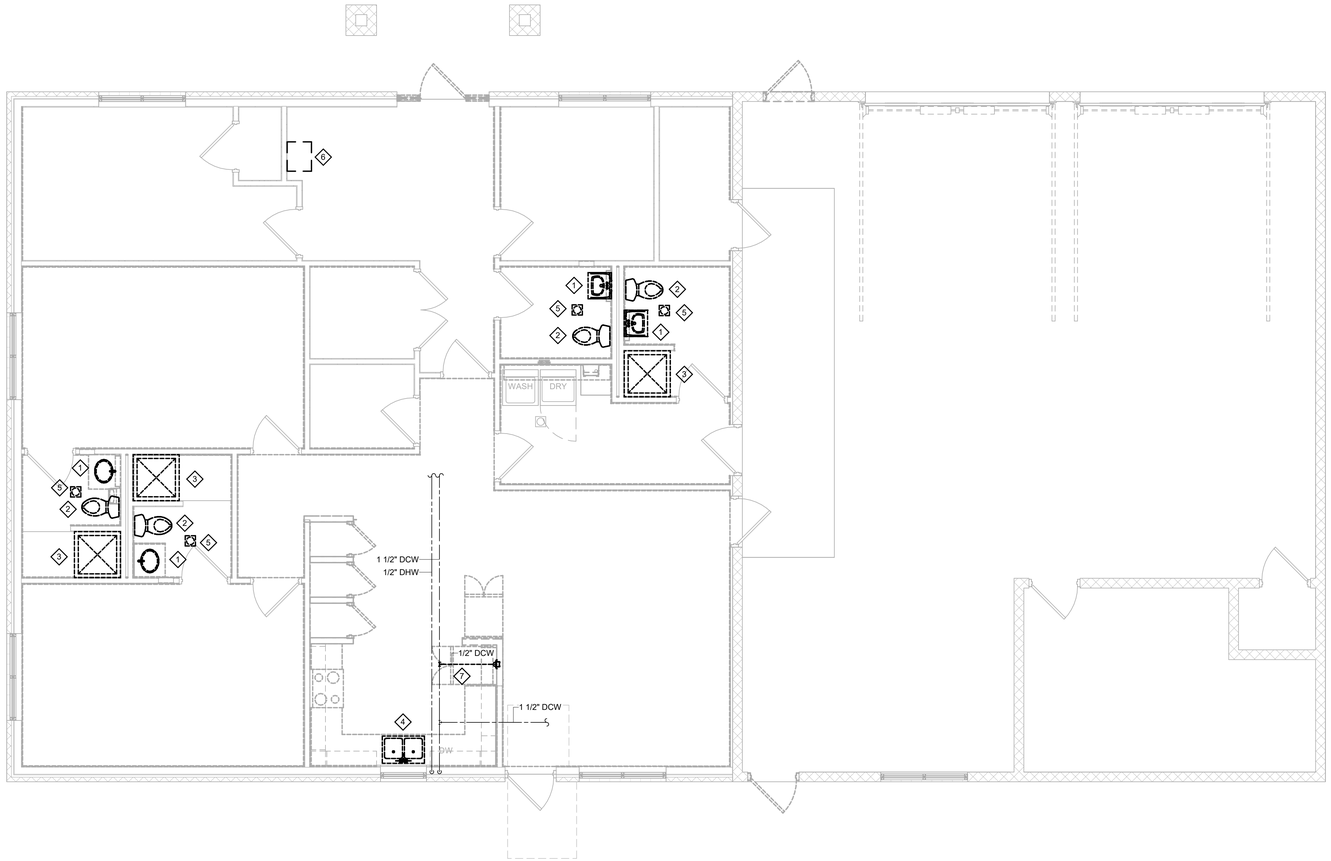
3 EXISTING SHOWER. DISCONNECT ALL DOMESTIC COLD AND HOT WATER PIPING, FLOOR DRAIN, WASTE AND VENT PIPING, SHOWER SURROUND AND PAN. PREPARE ALL PIPING FOR NEW CONNECTION.

4 EXISTING SINK. DISCONNECT ALL DOMESTIC COLD AND HOT WATER PIPING, WASTE AND VENT PIPING. PREPARE ALL PIPING FOR NEW CONNECTION.

5 EXISTING FLOOR DRAIN. DISCONNECT ALL WASTE PIPING. PREPARE PIPING FOR NEW CONNECTION.

6 EXISTING ELECTRIC WATER COOLER. DISCONNECT ALL DOMESTIC COLD WATER PIPING, WASTE AND VENT PIPING. PREPARE ALL PIPING FOR NEW CONNECTION.

7 REMOVE DCW BACK TO MAIN AND CAP AIR AND WATER TIGHT. MATCH EXISTING INSULATION.



1 L01 - PLUMBING DEMO PLAN
1/4" = 1'-0"
0 2'-0" 4'-0" 8'-0"
SCALE: 1/4" = 1'-0"

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7390 STATE HIGHWAY O

No.	Revision	Date
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L01 - PLUMBING DEMO PLAN

Project No. 25083
Sheet No. P101
Date 10/16/2026

STATE OF MISSOURI
RICHARD W. HALTEMAN
NUMBER PE-25112
PROFESSIONAL ENGINEER
10/16/26

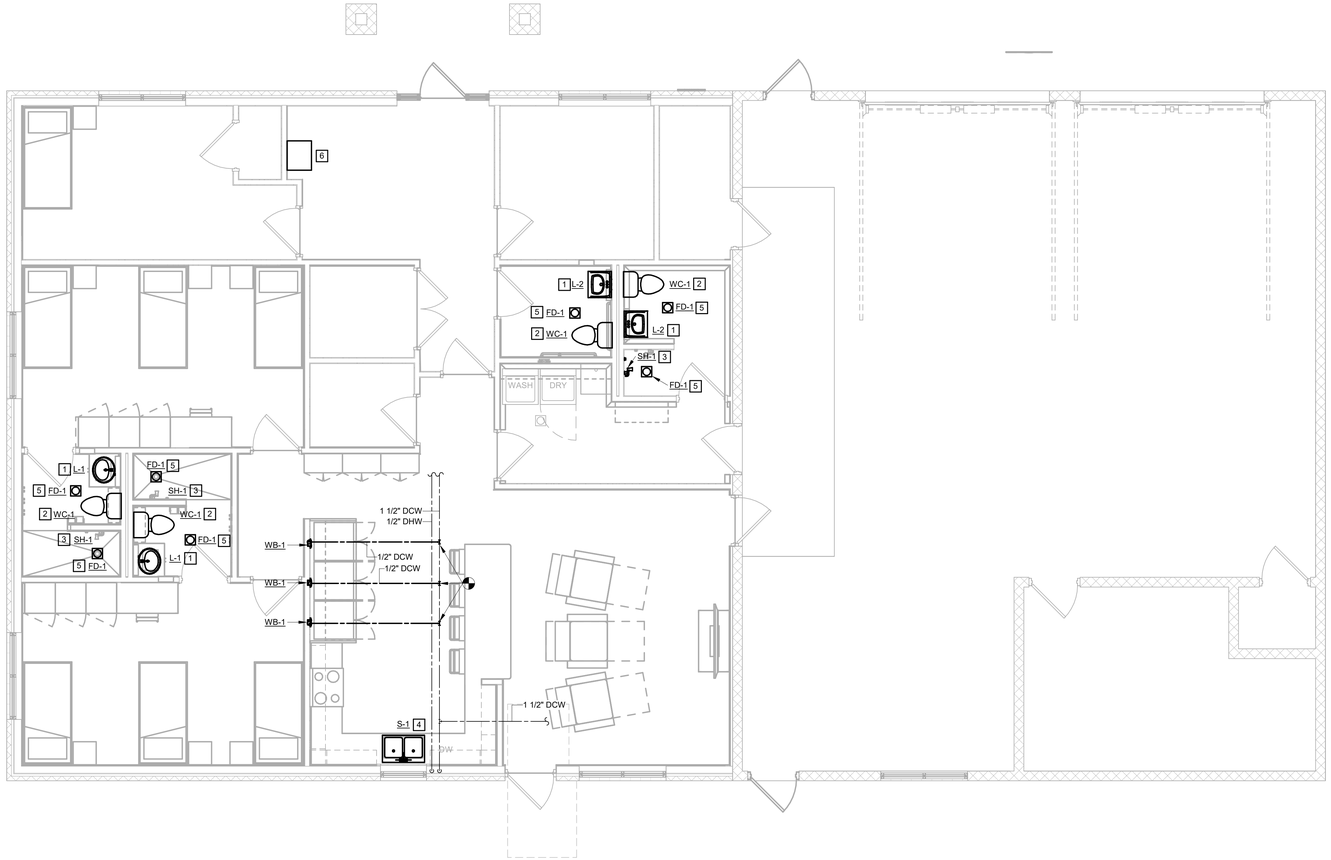
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SHEET P201 KEYED NOTES

#	
1	CONNECT NEW LAVATORY TO EXISTING DOMESTIC HOT AND COLD WATER PIPING, WASTE PIPING AND VENT PIPING IN THIS LOCATION.
2	CONNECT NEW WATER CLOSET TO EXISTING DOMESTIC COLD WATER PIPING, WASTE PIPING AND VENT PIPING IN THIS LOCATION.
3	CONNECT NEW SHOWER VALVES TO EXISTING DOMESTIC HOT AND COLD WATER PIPING IN THIS LOCATION.
4	CONNECT NEW SINK TO EXISTING DOMESTIC HOT AND COLD WATER PIPING, WASTE PIPING AND VENT PIPING IN THIS LOCATION.
5	CONNECT NEW FLOOR DRAIN TO EXISTING WASTE PIPING IN THIS LOCATION.
6	CONNECT NEW ELECTRIC WATER COOLER TO EXISTING DOMESTIC COLD WATER PIPING, WASTE PIPING AND VENT PIPING IN THIS LOCATION.



1 L01 - PLUMBING FLOOR PLAN
1/4" = 1'-0"
SCALE: 1/4" = 1'-0"

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Proposed: House 3 Renovations
MERAMEC AMBULANCE DISTRICT - HOUSE 3
7390 STATE HIGHWAY O

No.	Revision	Date
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L01 - PLUMBING PLAN

Project No. 25083
Sheet No. P201
Date 10/16/2026

STATE OF MISSOURI
RICHARD W. HALTEMAN
NUMBER PE-25112
PROFESSIONAL ENGINEER
10/16/26

Name: Richard W. Halteman
Discipline: Professional Engineer
License No: PE-25112
Expiration Date: 12/31/2026

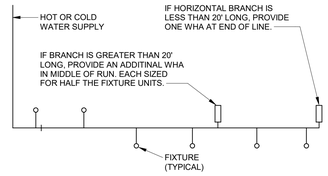
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PLUMBING FIXTURE SCHEDULE

Mark	Description	MANUFACTURER	MODEL	TRIM	DRAIN / TRAP	SUPPLIES	DISPOSER	SEAT	UTILITIES			
									HW	CW	WASTE	VENT
EWC-1	ELECTRIC WATER COOLER	ELKAY	LZS8WSSP	--	--	--	--	--	--	1/2"	2"	2"
L-1	LAVATORY	INTEGRAL WITH COUNTERTOP	INTEGRAL WITH COUNTERTOP	AMERICAN STANDARD COLONY PRO 7075004	DEARBORN BRASS #510-1	DEARBORN BRASS #BCRSR1912A	--	--	1/2"	1/2"	2"	2"
L-2	LAVATORY	AMERICAN STANDARD	0954.004EC	AMERICAN STANDARD COLONY PRO 7075004	DEARBORN BRASS #510-1	DEARBORN BRASS #BCRSR1912A	--	--	1/2"	1/2"	2"	2"
S-1	DOUBLE-BOWL SINK	ELKAY	ELUHAD311850	MOEN 87932 KITCHEN PULLDOWN FAUCET	DEARBORN BRASS #510-1	DEARBORN BRASS #BCRSR1912A	IN-SINK-ERATOR EVOLUTION	--	1/2"	1/2"	2"	2"
SH-1	SHOWER	BY ARCHITECT	BY ARCHITECT	SYMMONS 1-117-FS-B30-1.5-X-CHKS	2"	--	--	--	1/2"	1/2"	2"	2"
WB-1	WATER SUPPLY BOX	IPS CORP	MIB1AB	--	--	--	--	--	--	1/2"	--	--
WC-1	WATER CLOSET	AMERICAN STANDARD	CADET 215DA.104	--	INTEGRAL	--	--	BEMIS 1955-SSCT	--	1/2"	4"	2"

DRAIN SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	SHAPE	BODY MATERIAL	STRAINER		REMARKS
						SIZE	MATERIAL	
FD-1	FLOOR DRAIN	JR SMITH	2005-A-NB	ROUND	CAST IRON	5"	NICKEL BRASS	PROVIDE WITH TRAP BOOT



NOTE: INSTALL PER MANUFACTURER'S INSTRUCTIONS.
PROVIDE A WHA AT ALL QUICK-CLOSING VALVES.

SINGLE/ DOUBLE FIXTURE		
WHA SIZE	PIPE SIZE	FIXTURE UNIT LOAD
A	1/2"	1-11
B	3/4"	12-32
C	1"	33-60
D	1-1/4"	61-113
E	1-1/2"	114-154
F	2"	154-330

1 WATER HAMMER ARRESTOR DETAIL
N.T.S.

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Proposed: House 3 Renovations
MERAMEC AMBULANCE
DISTRICT - HOUSE 3
7390 STATE HIGHWAY O

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PLUMBING DETAILS AND SCHEDULES

Project No.
25083

Sheet No.
P601

Date
10/16/2026

STATE OF MISSOURI
RICHARD W. HALTEMAN
NUMBER PE-25112
PROFESSIONAL ENGINEER
10/16/26

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ELECTRICAL LEGEND

NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED

LIGHT FIXTURES:

- LIGHT FIXTURE (Ab / EL - 1) — A = FIXTURE TYPE; b = SWITCH LEG; EL = PANEL; 1 = CIRCUIT NUMBER
- 2x4 LIGHT FIXTURE
- 2x4 LIGHT - EMERGENCY
- 2x4 LIGHT - EMERGENCY UNSWITCHED NIGHTLIGHT
- 2x2 LIGHT FIXTURE
- 2x2 LIGHT - EMERGENCY
- 2x2 LIGHT - EMERGENCY UNSWITCHED NIGHTLIGHT
- CIRCLE DOWNLIGHT FIXTURE
- CIRCLE DOWNLIGHT - EMERGENCY
- CIRCLE DOWNLIGHT - EMERGENCY UNSWITCHED NIGHTLIGHT
- CIRCLE DOWNLIGHT - WALL WASH FIXTURE
- SQUARE DOWNLIGHT FIXTURE
- SQUARE DOWNLIGHT - EMERGENCY
- SQUARE DOWNLIGHT - EMERGENCY UNSWITCHED NIGHTLIGHT
- SQUARE DOWNLIGHT - WALL WASH FIXTURE
- INDUSTRIAL STRIP LIGHT FIXTURE
- EXTERIOR FLOOD LIGHT
- POLE LIGHT FIXTURE
- BOLLARD
- BOLLARD - EMERGENCY
- EXIT SIGN - CEILING MOUNTED (WITH DIRECTIONAL ARROW) (SHADE INDICATES # OF FACES)
- EXIT SIGN - WALL MOUNTED (WITH DIRECTIONAL ARROW) (SHADE INDICATES # OF FACES)
- EMERGENCY LIGHT PACK WITH BATTERY (90" A.F.F.)
- SCONCE
- WALL PACK - EXTERIOR
- TRACK LIGHTING
- CEILING FAN

LIGHTING CONTROLS:

- (V) DAYLIGHT HARVEST SENSOR
- (PC) PHOTOCELL
- CEILING OCCUPANCY SENSOR (VS) — VS = VACANCY SENSOR; OC = OCCUPANCY SENSOR
- CEILING OCCUPANCY SENSOR MULTI DIRECTION
- $a TOGGLE SWITCH SINGLE POLE — a = SWITCH LEG (LOWER CASE LETTERS)
- $3 TOGGLE SWITCH THREE WAY
- $4 TOGGLE SWITCH FOUR WAY
- $D DIMMER SWITCH
- $K KEY OPERATED SWITCH
- $P SWITCH WITH PILOT LIGHT ON WHEN SWITCH IS ON
- $T TIMER SWITCH
- $WP WEATHERPROOF SINGLE POLE SWITCH
- $OC OCCUPANCY SENSOR WALL MOUNTED WITH OFF-AUTO OVERRIDE SWITCH
- $VS VACANCY SENSOR WALL MOUNTED
- [S] LOW VOLTAGE SWITCH (48" A.F.F.)

ABBREVIATIONS:

AFC	AVAIABLE FUALT CURRENT
AIC	AMP INTERRUPTING CURRENT
A.F.F.	ABOVE FINISH FLOOR
C	CONDUIT
c	6" ABOVE COUNTER BACKSPLASH
u	USB OUTLET
GFI	GROUND FAULT INTERRUPTER
WP	WEATHERPROOF
GRS	GALVANIZED RIGID STEEL
EMT	ELECTRICAL METAL TUBING
AC	ALTERNATING CURRENT
MC	METAL CLAD CABLE
PVC	POLYVINYL CHLORIDE CONDUIT
IG	ISOLATED GROUND
EOR	ENGINEER OF RECORD
R	EXISTING FIXTURE OR DEVICE REPLACED WITH NEW
EX	EXISTING FIXTURE TO REMAIN

CONDUIT:

- CONDUIT EXPOSED
- CONDUIT CONCEALED IN FLOOR, BELOW SLAB OR BELOW GRADE
- CONDUIT CONCEALED IN WALL OR CEILING
- T — TELEPHONE CONDUIT
- CATV — TELEVISION CONDUIT
- CONDUIT DOWN
- CONDUIT UP
- CONDUIT SLEEVE INSULATED BUSHING EACH END
- WIRE IN CONDUIT LEFT TO RIGHT — 1 GROUND, 1 NEUTRAL, 3 HOTS
- HOME RUN (A - 1,3) — A = PANEL A; 1,3 = CIRCUITS 1,3
- CABLE TRAY
- (A) FEEDER A
- GROUND JACK
- PB PULL BOX
- HH HAND HOLE

ELECTRICAL DEVICES:

- SIMPLEX RECEPTACLE (18" A.F.F.)
- DUPLEX RECEPTACLE (18" A.F.F.)
- GFI DUPLEX RECEPTACLE (18" A.F.F.)
- QUADRUPLEX RECEPTACLE (18" A.F.F.)
- GFI QUADRUPLEX RECEPTACLE (18" A.F.F.)
- EMERGENCY RECEPTACLE (18" A.F.F.)
- COUNTERTOP RECEPTACLE (6" ABOVE COUNTER)
- TAMPER RESISTANT RECEPTACLE (18" A.F.F.)
- FLOOR RECEPTACLE
- SPECIAL PURPOSE RECEPTACLE (18" A.F.F.)
- SPECIAL PURPOSE FLOOR RECEPTACLE
- JUNCTION BOX
- JUNCTION BOX IN FLOOR
- SURFACE RACEWAY DUPLEX OUTLET 3' ON CENTER
- PP POWER POLE
- PS POWER SUPPLY
- P POWER WHIP

DATA DEVICES:

- DATA OUTLET (18" A.F.F.) — c = 6" ABOVE COUNTER BACKSPLASH; 2 = NUMBER EQUALS TOTAL NUMBER OF PORTS
- DATA OUTLET IN FLOOR
- SURFACE RACEWAY DATA OUTLET 3' ON CENTER
- HDMI OUTLET (18" A.F.F.) UNO — c = 6" ABOVE COUNTER BACKSPLASH; 2 = NUMBER EQUALS TOTAL NUMBER OF PORTS; W = MOUNT 48" A.F.F.
- HDMI OUTLET IN FLOOR
- TELEPHONE OUTLET (18" A.F.F.) — c = 6" ABOVE COUNTER BACKSPLASH; 2 = NUMBER EQUALS TOTAL NUMBER OF PORTS; W = MOUNT 48" A.F.F.
- TELEPHONE OUTLET IN FLOOR
- TELEPHONE/DATA OUTLET (18" A.F.F.) — c = 6" ABOVE COUNTER BACKSPLASH; 2 = NUMBER EQUALS TOTAL NUMBER OF DATA PORTS; 1 = NUMBER EQUALS TOTAL NUMBER OF PHONE PORTS
- TELEPHONE/DATA OUTLET IN FLOOR
- TV TELEVISION OUTLET (88" A.F.F.)
- WAP WIRELESS ACCESS POINT

ELECTRICAL EQUIPMENT:

- ELECTRIC METER
- G GENERATOR
- PANELBOARD
- DISTRIBUTION PANELBOARD
- T TRANSFORMER
- ATS AUTOMATIC TRANSFER SWITCH
- MTS MANUAL TRANSFER SWITCH
- UPS UNINTERRUPTIBLE POWER SOURCE
- MM MULTIMETER
- SPD SURGE PROTECTOR DEVICE
- EF 01 MOTOR WITH DESIGNATION
- $m MANUAL MOTOR STARTER
- DISCONNECT SWITCH
- COMBINATION STARTER
- MOTOR STARTER
- WEATHER HEAD
- SV SOLENOID VALVE
- VSD VARIABLE SPEED DRIVE
- ANTENNA - TELEMETRY

ABBREVIATIONS

AFF	AWAY FROM FINISH FLOOR
C	CEILING
MNS	MASS NOTIFICATION SYSTEM
P	PENDENT
RI	REMOTE INDICATOR
UNO	UNLESS NOTED OTHERWISE
WP	WATER PROOF
#W	SPEAKER WATTAGE SETTING
#CD	CANDELA RATING

INTERFACE / SUPERVISORY

- WF FLOW DETECTOR
- VS VALVE SUPERVISORY SWITCH
- SOV SOLENOID VALVE
- NOX KNOX BOX
- DH DOOR HOLD
- PIV POST INDICATOR VALVE
- SD SMOKE DAMPER

SECURITY DEVICES:

- AC ACCESS CONTROL HEAD-END
- ARA AREA OF RESCUE ANNUNCIATOR
- AR AREA OF RESCUE ASSISTANCE CALL STATION
- C CAMERA
- CR CARD READER
- CCTV CCTV HEAD-END
- MON CCTV MONITOR
- DC DOOR CONTACT
- ES ELECTRIC DOOR STRIKE
- GBD GLASS BREAK DETECTOR - WALL MOUNTED
- GBD GLASS BREAK DETECTOR - CEILING MOUNTED
- K KEYPAD
- ML MAGNETIC LOCK
- MD MOTION DETECTOR - WALL MOUNTED
- MD MOTION DETECTOR - CEILING MOUNTED
- PROX PROXIMITY READER ACCESS CONTROL
- P PANIC BUTTON
- RA REFRIGERATOR ALARMS
- REX REQUEST TO EXIST MOTION DETECTOR
- EP ELECTRIC/PNEUMATIC SWITCH
- LS LIMIT SWITCH
- MGA MEDICAL GAS ALARM

COMMUNICATION DEVICES:

- ANT ANTENNA
- B DOOR BELL
- I M INTERCOM MASTER
- I S INTERCOM SLAVE
- M MICROPHONE OUTLET
- M MICROPHONE OUTLET IN FLOOR
- PBS PROGRAM BELL SYSTEM
- PAS PUBLIC ADDRESS SYSTEM
- PUSH PLATE
- SEC SOUND EQUIPMENT PANEL
- S SPEAKER - CEILING MOUNTED
- S SPEAKER - SURFACE MOUNTED
- S SPEAKER - WALL MOUNTED
- H HORN SPEAKER
- V VOLUME CONTROL (48" A.F.F.)

FIRE ALARM LEGEND

NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED

WALL NOTIFICATIONS

- F SPEAKER DARK TRIANGLE
- F HORN HOLLOW TRIANGLE
- F [BELL] [CHIME] HOLLOW CIRCLE
- WALL VISIBLE ONLY
- VISIBLE WITH AUDIBLE
- REMOTE ALARM INDICATOR / TEST SWITCH

CEILING NOTIFICATIONS

- F CEILING SPEAKER DARK TRIANGLE
- F CEILING HORN HOLLOW TRIANGLE
- F CEILING [BELL] [CHIME] HOLLOW CIRCLE
- CEILING VISIBLE ONLY
- CEILING VISIBLE WITH AUDIBLE
- CEILING REMOTE ALARM INDICATOR / TEST SWITCH

MANUAL PULL

- F PULL STATION

CONTROL UNITS

- HVAC HVAC CONTROL PANEL
- FAAP FIRE ALARM ANNUNCIATOR PANEL
- FACP FIRE ALARM CONTROL PANEL
- FPC FIRE PUMP CONTROLLER
- NAC NOTIFICATION CIRCUIT POWER BOOSTER, EXTENDER PANEL

ADDRESSABLE MODULE

- AIM ADDRESSABLE INPUT MONITOR MODULE
- AIO ADDRESSABLE INPUT/ OUTPUT MONITOR MODULE
- AOM ADDRESSABLE OUTPUT CONTROL MODULE
- IM ISOLATION MODULE

DETECTION

- SMOKE DETECTION ##
  - AS - AIR SAMPLING
  - ID - IN DUCT
  - I - IONIZATION
  - P - PHOTOELECTRIC
  - BR - BEAM RECEIVER
  - BT - BEAM TRANSMITTER
  - SB - SOUNDER BASE
  - W - WALL
- HEAT DETECTOR (135F UNO) ##
  - R/F - RATE OF RISE / FIX TEMP
  - F - FIXED TEMP
  - R/C - RATE COMPENSATION
  - R - RATE OF RISE
- LINE TYPE
- SINGLE STATION SMOKE DETECTION
- DUCT SMOKE DETECTOR

GENERAL NOTES – ELECTRICAL DEMOLITION

1. WHERE ELECTRICAL EQUIPMENT, CONDUIT, BOXES, OR SUPPORTING HARDWARE ARE REMOVED, FINISH THE SURFACE TO MATCH EXISTING UNLESS OTHERWISE NOTED. PERFORM ONE OF THE FOLLOWING AS APPLICABLE:
   - REPAIR ALL OPENINGS CREATED BY THIS WORK IN WALLS, PARTITIONS, CEILINGS, OR FLOORS TO MATCH SURROUNDING CONDITIONS. USE QUALIFIED TRADES FOR ALL FINISHES. SEAL OR GROUT ALL CONDUIT PENETRATIONS THROUGH WALLS.
2. ALL REMOVED MATERIALS, OTHER THAN REMOVED MATERIALS TO BE RELOCATED, OR STORED OR TURNED OVER TO THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT SITE IN A LAW ABIDING MANNER.
3. MAINTAIN AND RESTORE CONTINUITY OF ALL CONDUITS AND CONDUCTORS PASSING THROUGH RENOVATED AREAS THAT SERVE UNDISTURBED AREAS. WHERE DEVICES OR FIXTURES ARE REMOVED, PROVIDE JUNCTION BOXES, EXTEND CONDUIT AND WIRING, OR USE OTHER APPROVED METHODS TO ENSURE CIRCUIT CONTINUITY.
4. REMOVE ITEMS INDICATED, INCLUDING LIGHT FIXTURES, SWITCHES, RECEPTACLES, EXPOSED CONDUIT, SURFACE AND FLUSH DEVICE BOXES, DEVICE PLATES, ETC. REMOVE ALL WIRING FROM EXISTING CONDUITS. CUT BACK CONDUIT FROM FINISHED SURFACE AND ABANDON ALL CONCEALED CONDUITS. REMOVE CONDUITS ABOVE GRID TYPE CEILINGS.
5. WHERE BURIED CONDUITS EXTENDING OUT OF A CONCRETE SLAB BECOME ABANDONED, CUT AND GRIND THE CONDUITS OFF FLUSH WITH TOP OF SLAB AND PLUG WITH NON-SHRINK WATERPROOF GROUT FILL.
6. EXISTING CIRCUITS REMOVED DURING DEMOLITION MUST BE MARKED SPARE, OR IDENTIFIED WITH NEW DESCRIPTION ON CIRCUIT DIRECTORY IF REUSED. EXISTING ACTIVE CIRCUITS MUST BE VERIFIED AND ACCURATELY LABELED ON DIRECTORY. NEW TYPED CIRCUIT DIRECTORY MUST BE PROVIDED AT PROJECT COMPLETION DOCUMENTING ACCURATE NEW CIRCUIT CONDITIONS WHICH REFLECT DEMOLITION AND NEW WORK. SPARE BREAKERS SHALL BE LEFT IN THE OFF POSITION.
7. COORDINATE ELECTRICAL DEMOLITION WITH WORK OF OTHER DISCIPLINES.

GENERAL NOTES – TELECOMMUNICATIONS SYSTEMS

1. COORDINATE LOW VOLTAGE DEVICE LOCATIONS WITH FINAL ARCHITECTURAL PLANS AND ELEVATIONS.
2. FOR TELECOMMUNICATION (TELEPHONE/DATA/WAP) OUTLETS, EC SHALL ROUGH-IN 4 11/16" SQUARE BOX, 2 1/2" DEEP WITH SINGLE GANG PLASTER RING, 1" CONDUIT TO ABOVE ACCESSIBLE CEILING WITH 90 DEGREE SWEEP AND BUSHING STUBBED TO WITHIN 6" OF CABLE TRAY OR J-HOOK PATHWAY.
3. ALL CABLING SHALL BE PLENUM RATED.

GENERAL NOTES – FIRE ALARM SYSTEMS

1. EXISTING FIRE ALARM SYSTEM TO REMAIN.
2. PROVIDE PROTECTIVE COVERS FOR DEVICES TO PREVENT DUST AND PAINT FROM FA DEVICES. REMOVE AFTER FINISHES WORK IS COMPLETE

GENERAL NOTES – ELECTRICAL

1. MOUNTING HEIGHTS INDICATED WITHIN PLANS AND SCHEDULES ARE DIMENSIONED TO THE CENTER LINE OF THE DEVICE, EQUIPMENT, LUMINAIRE, ETC. UNLESS OTHERWISE NOTED.
2. COORDINATE EXACT EQUIPMENT LOCATIONS WITH OTHER TRADES. EQUIPMENT LOCATIONS SHOWN ON ELECTRICAL PLANS ARE DIAGRAMMATICAL ONLY AND MIGHT NOT BE EXACT.
3. INSTALL EMERGENCY AND EXIT LUMINAIRE WIRING IN A SEPARATE RACEWAY FROM THAT OF ANY NORMAL POWER DEVICE.
4. CONCEAL ALL CONDUIT IN WALLS, IN PARTITIONS, AND IN ABOVE CEILINGS, UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT ROUTED IN MECHANICAL ROOMS, ELECTRICAL ROOMS, AND STORAGE ROOMS WITHOUT CEILINGS MAY BE ROUTED EXPOSED.
5. CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BIDDING AND VERIFY EXISTING CONDITIONS AND REQUIRED WORK TO ACCOMPLISH CONSTRUCTION AS DEPICTED IN DESIGN DRAWINGS.
6. ON NEW WORK PLAN, ALL ITEMS SHOWN LIGHT ARE EXISTING TO REMAIN. ALL ITEMS SHOWN BOLD ARE NEW/RELOCATED.
7. COORDINATE ELECTRICAL DEVICE INSTALLATIONS WITH FINAL ARCHITECTURAL PLANS AND ELEVATIONS.
8. PROVIDE FIRE STOPPING AT ALL CONDUIT PENETRATIONS AND CONDUIT SLEEVES THROUGH EXISTING FLOOR SLABS AND FIRE RATED WALLS TO MAINTAIN REQUIRED FIRE RATING. USE UL LISTED METHODS AND MATERIALS OR FIRE-RESISTANCE RATING OF ASSEMBLY ACCORDING TO SECTION 07 84 13 "PENETRATION FIRESTOPPING."
9. ALL RECEPTACLES WITHIN 6 FT OF SINKS SHALL BE GFI TYPE.
10. REPLACE OR REINSTALL ALL PORTIONS OF THE BUILDING (CEILING TILES, WALLS, ETC) REMOVED TO ACCOMMODATE THE INSTALLATION OF ANY ELECTRICAL DEVICE, EQUIPMENT, ETC., USING WORKERS QUALIFIED IN THE APPROPRIATE TRADE.

GENERAL NOTES – LIGHTING

1. SWITCHES IN EACH ROOM SHALL CONTROL LIGHTS IN THAT ROOM ONLY UNLESS OTHERWISE NOTED.

TODD LINUS KUNO — NUMBER PE-2015017018 — 10/16/2026 — PROFESSIONAL ENGINEER — STATE OF MISSOURI

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Discipline:	Professional Engineer
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MERAMEC AMBULANCE DISTRICT - HOUSE 3
7390 STATE HIGHWAY O

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ELECTRICAL SYMBOLS AND ABBREV

Project No. 25083

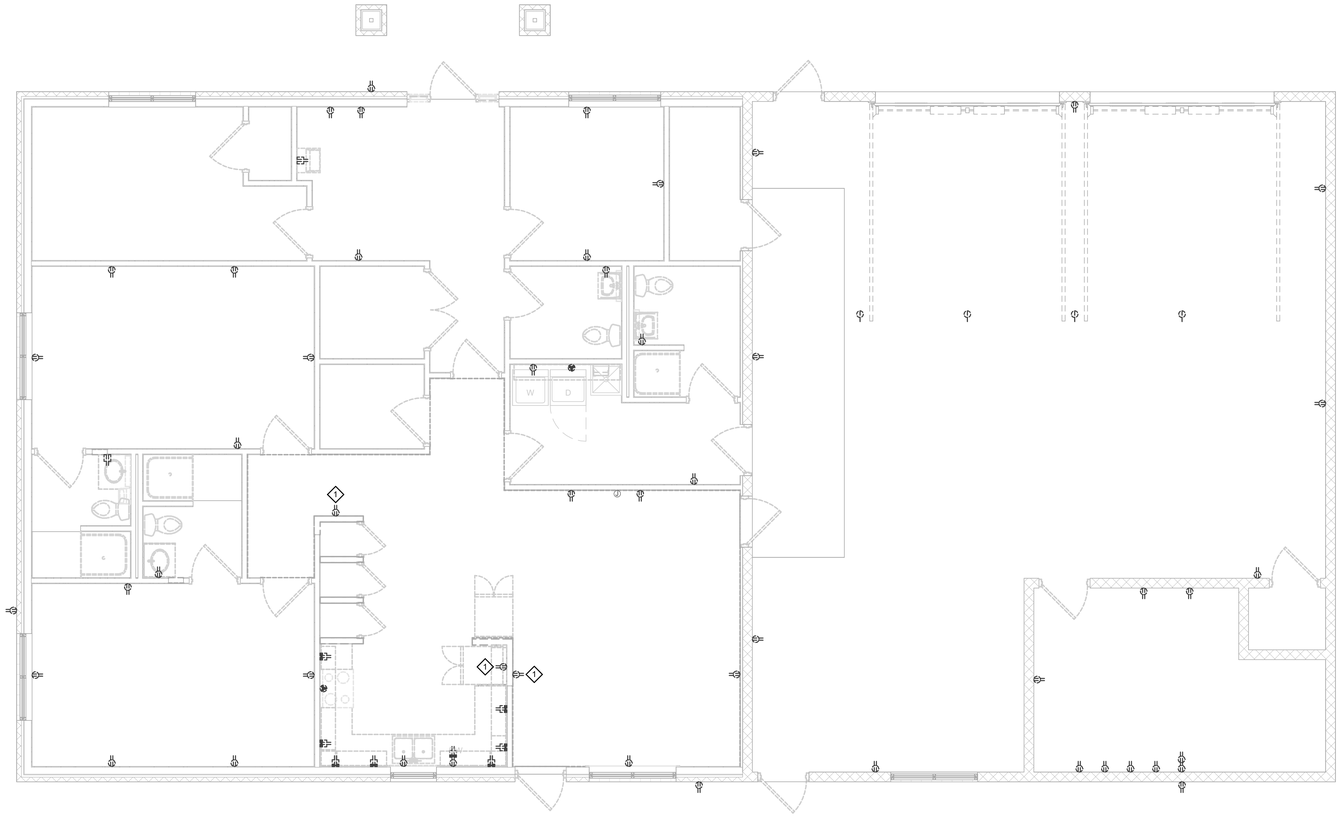
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SHEET ED201 KEYED NOTES

1. EXISTING RECEPTACLE SHALL BE REMOVED. REMOVE BRANCH CIRCUIT BACK TO SOURCE.
2. UNLESS NOTED INDIVIDUALLY, ALL EXISTING RECEPTACLES AND COVERPLATES SHALL BE REMOVED AND REPLACED WITH NEW IN BOTH INTERIOR AND EXTERIOR OF BUILDING. EXISTING BRANCH CIRCUIT AND ELECTRICAL BOX SHALL BE USED WITH NEW DEVICE. REFER TO SHEET E201 FOR ADDITIONAL NEW WORK REQUIREMENTS.



1 POWER DEMOLITION FLOOR PLAN
1/4" = 1'-0"

0 2'-0" 4'-0" 8'-0"
SCALE: 1/4" = 1'-0"

N

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[Consultants]

Proposed: House 3 Renovations

MERAMEC AMBULANCE DISTRICT - HOUSE 3

7390 STATE HIGHWAY O

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POWER DEMOLITION FLOOR PLAN

Project No. 25083

Sheet No. ED201

Date 10/16/2026

STATE OF MISSOURI
TODD LINUS KUNO
NUMBER PE-2015017018
10/16/2026
PROFESSIONAL ENGINEER

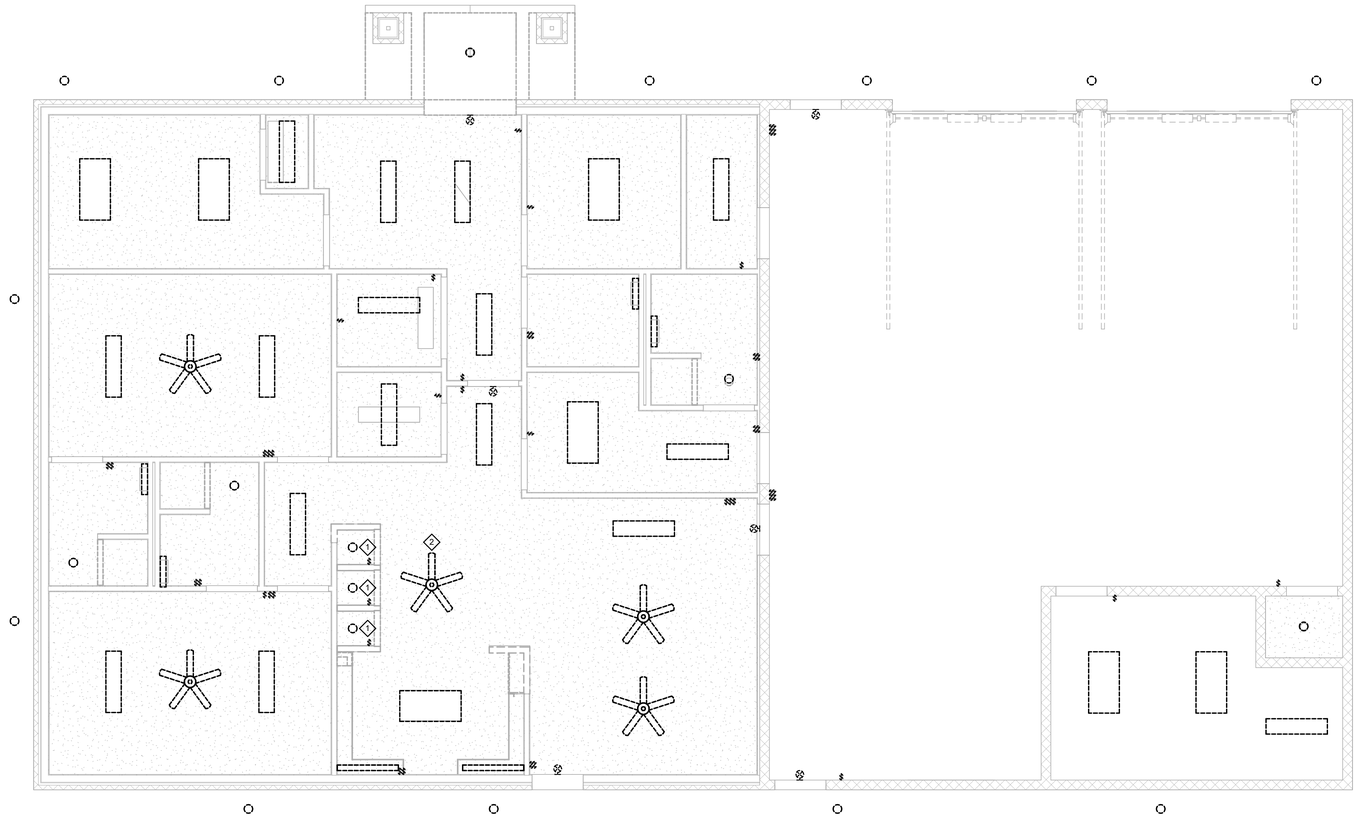
Name: Todd L. Kuno
Discipline: Professional Engineer
License No: 2015017018
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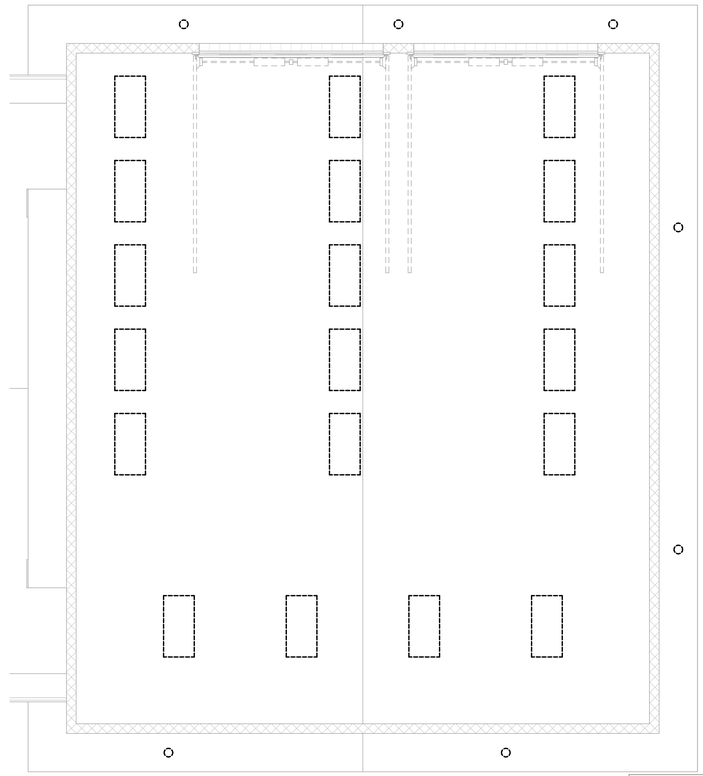
SHEET ED301 KEYED NOTES

1. EXISTING LIGHT FIXTURE AND SWITCH SHALL BE REMOVED. REMOVE BRANCH CIRCUIT BACK TO SOURCE.
2. EXISTING CEILING FAN SHALL BE REMOVED. REMOVE BRANCH CIRCUIT BACK TO SOURCE.
3. ENTIRE BUILDING, INTERIOR AND EXTERIOR - DISCONNECT AND REMOVE EACH LIGHTING FIXTURE AND CEILING FAN. RETAIN ELECTRICAL BOX AND CONDUCTORS FOR INSTALLATION OF NEW LIGHTING FIXTURES AND CEILING FANS. REFER TO SHEET E301 FOR ADDITIONAL NEW WORK REQUIREMENTS.
4. UNLESS NOTED INDIVIDUALLY, ALL EXISTING LIGHTING TOGGLE SWITCHES AND COVERPLATES SHALL BE REMOVED AND REPLACED WITH NEW. EXISTING BRANCH CIRCUIT AND ELECTRICAL BOX SHALL BE USED WITH NEW DEVICE. REFER TO SHEET E301 FOR ADDITIONAL NEW WORK REQUIREMENTS.



1 LIGHTING DEMOLITION CEILING PLAN
1/4" = 1'-0"

SCALE: 1/4" = 1'-0"



2 APPARATUS ROOM DEMOLITION CEILING
1/4" = 1'-0"

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EXPIRATION DATE: DECEMBER 31, 2026

Proposed: House 3 Renovations

MERAMEC AMBULANCE DISTRICT - HOUSE 3

7390 STATE HIGHWAY O

No.	Date	Revision
	10/16/2026	BIDDING / PERMIT DOCUMENTS

LIGHTING DEMOLITION CEILING PLAN

Project No. 25083

Sheet No. ED301

Date 10/16/2026

STATE OF MISSOURI
TODD LINUS KUNO
NUMBER PE-2015017018
10/16/2026
PROFESSIONAL ENGINEER

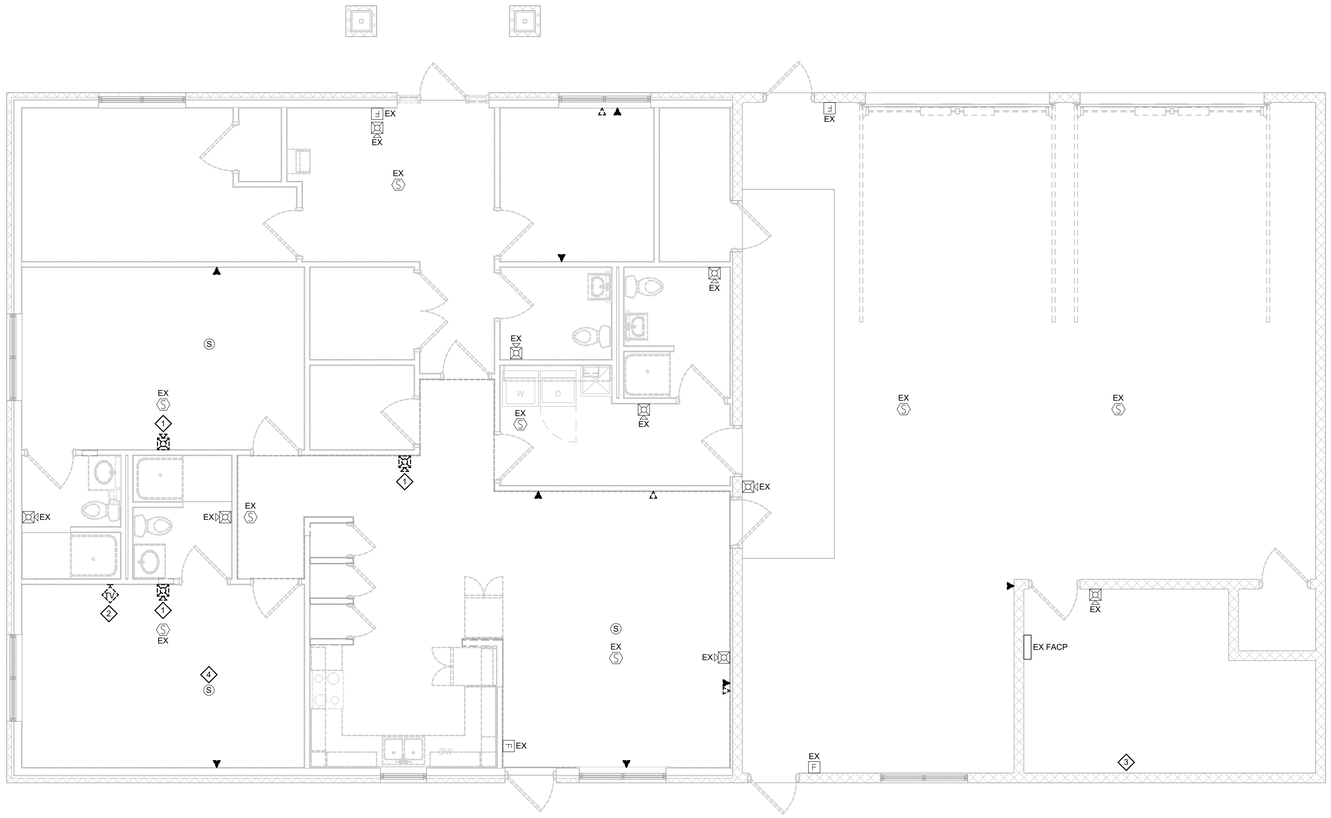
Name: Todd L. Kuno
Discipline: Professional Engineer
License No: 2015017018
Expiration Date: 12/31/2027

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SHEET ED401 KEYED NOTES

1. EXISTING FIRE ALARM DEVICE SHALL BE REMOVED. REMOVE CABLE BACK TO SOURCE.
2. EXISTING COAX SHALL BE REMOVED. REMOVE CABLE BACK TO SOURCE.
3. LOCATION FOR EXISTING TO REMAIN WALL MOUNTED COMMUNICATION NETWORK EQUIPMENT.
4. TYPICAL STATION ALERT DEVICES: UNLESS NOTED INDIVIDUALLY, ALL STATION ALERT SYSTEM AND DEVICES SHALL REMAIN OPERATIONAL AND REMAIN IN PLACE. PROVIDE PROTECTION FOR ALL STATION ALERT DEVICES TO REMAIN.
5. TYPICAL FIRE ALARM: UNLESS NOTED INDIVIDUALLY, ALL EXISTING FIRE ALARM DEVICES SHALL REMAIN IN PLACE AND OPERATIONAL. PROVIDE PROTECTION FOR ALL FIRE ALARM DEVICES TO MAINTAIN OPERATION DURING RENOVATION.
6. UNLESS NOTED INDIVIDUALLY, ALL EXISTING TELEPHONE, DATA DEVICES AND COVERPLATES SHALL BE REMOVED AND REPLACED WITH NEW. EXISTING CABLE SHALL BE USED WITH NEW DEVICE.



1 AUXILIARY DEMOLITION FLOOR PLAN
1/4" = 1'-0"
0 2'-0" 4'-0" 8'-0"
SCALE: 1/4" = 1'-0"

N

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Proposed: House 3 Renovations

MERAMEC AMBULANCE DISTRICT - HOUSE 3

7390 STATE HIGHWAY O

No.	Date	Revision
	10/16/2026	BIDDING / PERMIT DOCUMENTS

AUXILIARY DEMOLITION FLOOR PLAN

Project No. 25083

Sheet No. ED401

Date 10/16/2026

STATE OF MISSOURI
TODD LINUS KUNO
NUMBER PE-2015017018
10/16/2026
PROFESSIONAL ENGINEER

Name: Todd L. Kuno
Discipline: Professional Engineer
License No: 2015017018
Expiration Date: 12/31/2027

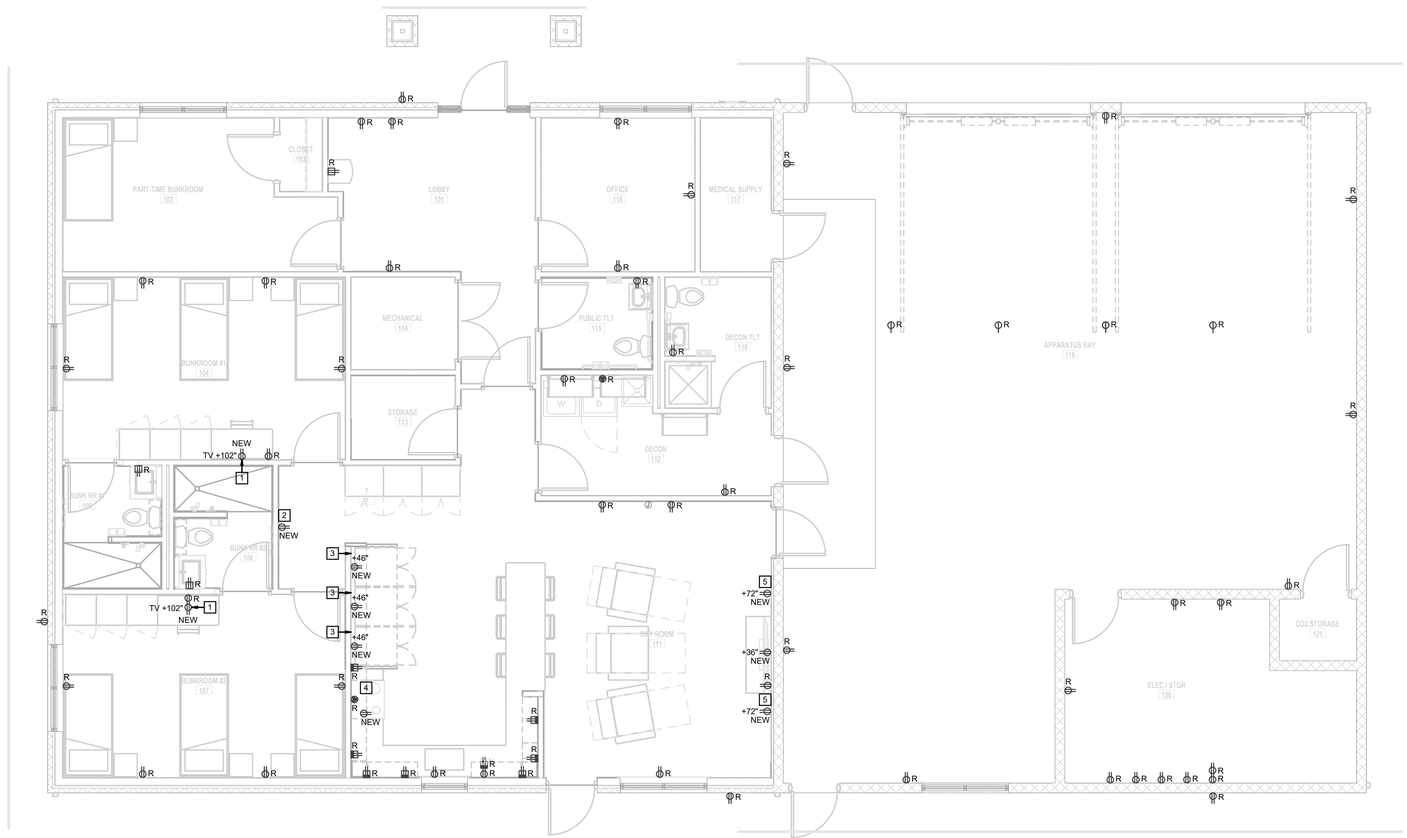
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SHEET E201 GENERAL NOTES:

1. 120V BRANCH CIRCUIT CONSISTING OF 2#12, 1#12G IN 1/2 INCH CONDUIT UNLESS NOTED OTHERWISE. THE BRANCH CIRCUIT SHALL BE CONNECTED TO A SPARE 1P-20A CIRCUIT BREAKER IN ELECTRICAL ROOM 102 PANELBOARD. THE PANELBOARD BRANCH CIRCUIT DIRECTORY SHALL BE UPDATED TO IDENTIFY THE NEW CONNECTED LOADS TO THESE POLES.
2. EXISTING DUPLEX OUTLETS SHALL BE REPLACED IN THE SAME ELECTRICAL BOX WITH NEW NEMA 5-20R RECEPTACLE TO MATCH. EXISTING GFCI RECEPTACLES SHALL BE REPLACED WITH GFCI NEMA 5-20R. NEW COVERPLATES SHALL BE PROVIDED WITH IDENTIFICATION OF THE BRANCH CIRCUIT SERVING THE DEVICE FOR EACH DEVICE UNLESS NOTED OTHERWISE.

SHEET E201 KEYED NOTES

#	
1	PROVIDE NEW RECEPTACLE FOR TV. CONNECT TO EXISTING BUNK ROOM CIRCUIT. COORDINATE EXACT LOCATION WITH ARCHITECT.
2	PROVIDE NEW RECEPTEPTACLE AT THIS LOCATION. CONNECT TO NEAREST AVAILABLE CIRCUIT WITH CAPACITY.
3	PROVIDE NEW RECEPTACLE FOR REFRIGERATOR. CONNECT TO IT'S OWN DEDICATED CIRCUIT.
4	PROVIDE NEW RECEPTACLE FOR OVER THE RANGE MICROWAVE. CONNECT TO IT'S OWN DEDICATED CIRCUIT.
5	PROVIDE NEW DUPLEX RECEPTACLE AND DATA OUTLET IN PASS & SEYMOUR TV2MW RECESSED TV BOX. CONNECT TO NEAREST AVAILABLE CIRCUIT WITH CAPACITY. COORDINATE LOCATION AS APPROVED BY ARCHITECT.



1 POWER FLOOR PLAN
1/4" = 1'-0"

0 2'-0" 4'-0" 8'-0"
SCALE: 1/4" = 1'-0"

N

SCALE: 3" = 1'-0" | SCALE: 1 1/2" = 1'-0" | SCALE: 1" = 1'-0" | SCALE: 3/4" = 1'-0" | SCALE: 1/2" = 1'-0" | SCALE: 3/8" = 1'-0" | SCALE: 1/4" = 1'-0" | SCALE: 1/8" = 1'-0" | SCALE: 3/32" = 1'-0" | SCALE: 1/16" = 1'-0"

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Proposed: House 3 Renovations
MERAMEC AMBULANCE DISTRICT - HOUSE 3
7390 STATE HIGHWAY O

No.	Date	Revision
	10/16/2026	BIDDING / PERMIT DOCUMENTS

POWER FLOOR PLAN

Project No. 25083

Sheet No. E201

Date 10/16/2026

STATE OF MISSOURI
TODD LINUS KUNO
NUMBER PE-2015017018
10/16/2026
PROFESSIONAL ENGINEER

Name: Todd L. Kuno
Discipline: Professional Engineer
License No: 2015017018
Expiration Date: 12/31/2027

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LIGHT FIXTURE SCHEDULE

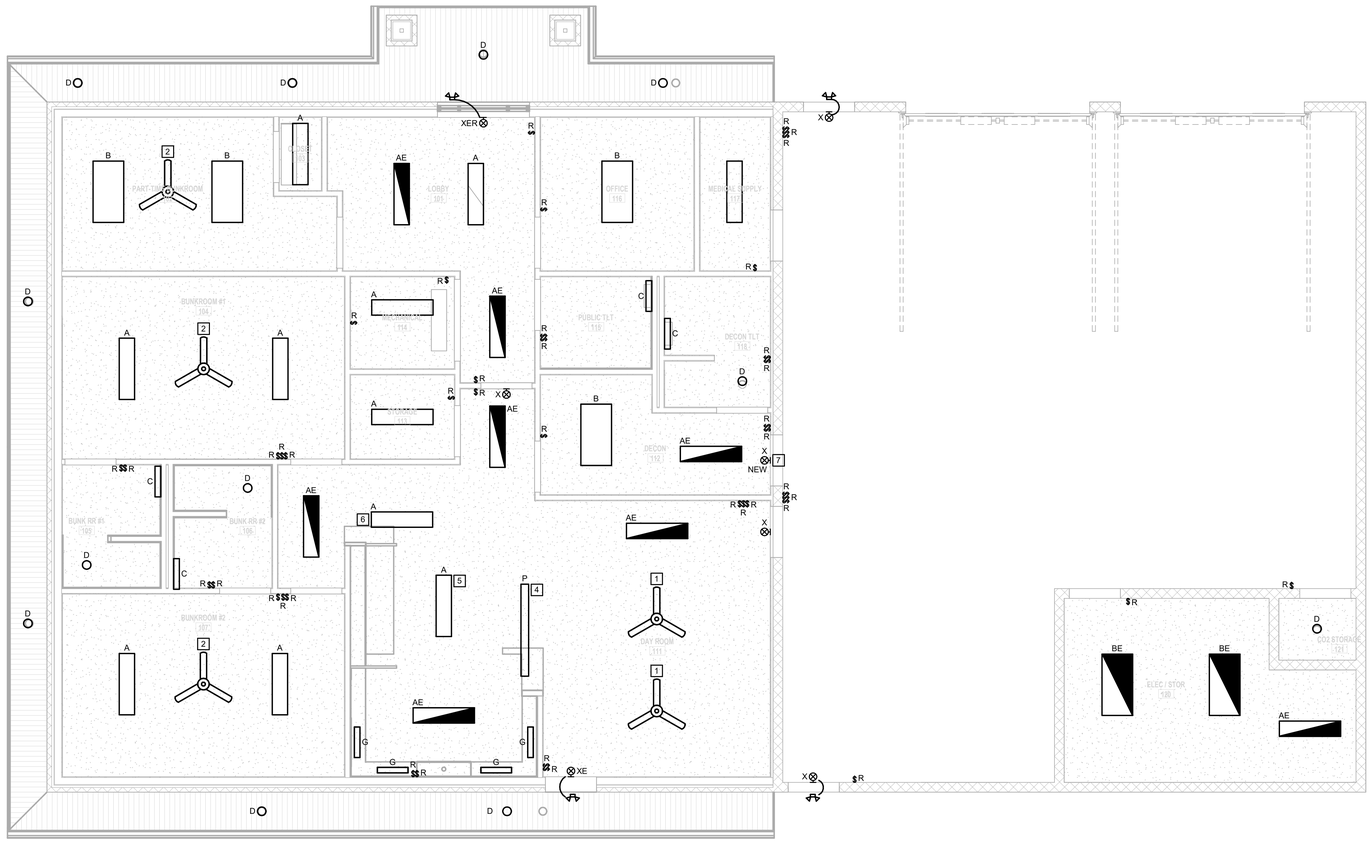
MARK	MANUFACTURER	APPARENT LOAD	CATALOG	LAMP TYPE	FINISH	MOUNTING	REMARKS
A	Lithonia	31 VA	CPANL 1X4 ALO1 SWW7 M4 - 1X4SMKSH	LED	White	Surface	1x4 LED Fixture with Surface Mounted Kit
AE	Lithonia	31 VA	CPANL 1X4 ALO1 SWW7 M4 - 1X4SMKSH ILBLP CP10 HE SD A	LED	White	Surface	1x4 LED Fixture with Surface Mounted Kit and Battery Backup
B	Lithonia	45 VA	CPANL 2X4 ALO6 SWW7 M4 - 2X4SMKSH	LED	White	Surface	2x4 LED Fixture with Surface Mounted Kit
BE	Lithonia	45 VA	CPANL 2X4 ALO6 SWW7 M4 - 2X4SMKSH ILB CP20 HE SD A	LED	White	Surface	2x4 LED Fixture with Surface Mounted Kit and Battery Backup
C	AFX	20 VA	RAMV2403L30D1SN	LED	Satin Nickel	Wall	Wall Bracket LED
D	Halo	12 VA	LTSS612F51EWHR	LED	White	Surface	6" Recessed LED Downlight
F	Metalux	103 VA	8SNLED-LD5-110HL-LW-UNV-L835-CD1	LED	White	Surface	8' LED Lensed Strip
FE	Metalux	103 VA	8SNLED-LD5-110HL-LW-UNV-EL14W-L835-CD1	LED	White	Surface	8' LED Lensed Strip with Battery Backup
G	Halo	11 VA	HU1124D9SP	LED	White	Surface	Under Cabinet led Fixture. 2 ft length. 785 lumen. 3500K.
P	FLUXWERX	22 VA	PM1-F-A-B-35-W-06-D-F2-M-03	LED	WHITE	PENDANT	6' PENDANT FIXTURE ON 3' SUSPENSION. 3500K.
X	Sure-Lites	1 VA	LPX7RSF	LED	Aluminum	Varies	LED Exit Sign. Faces as per drawings
XE	Sure-Lites	1 VA	APCH7RGSQ30	LED	Aluminum	Varies	LED Exit Sign with Emergency Lighting. Faces as per drawings
XER	Sure-Lites	1 VA	LPX7RSF	LED	Aluminum	Varies	LED Exit Sign. Faces as per drawings. Provide with dual remote emg light.

SHEET E301 GENERAL NOTES:

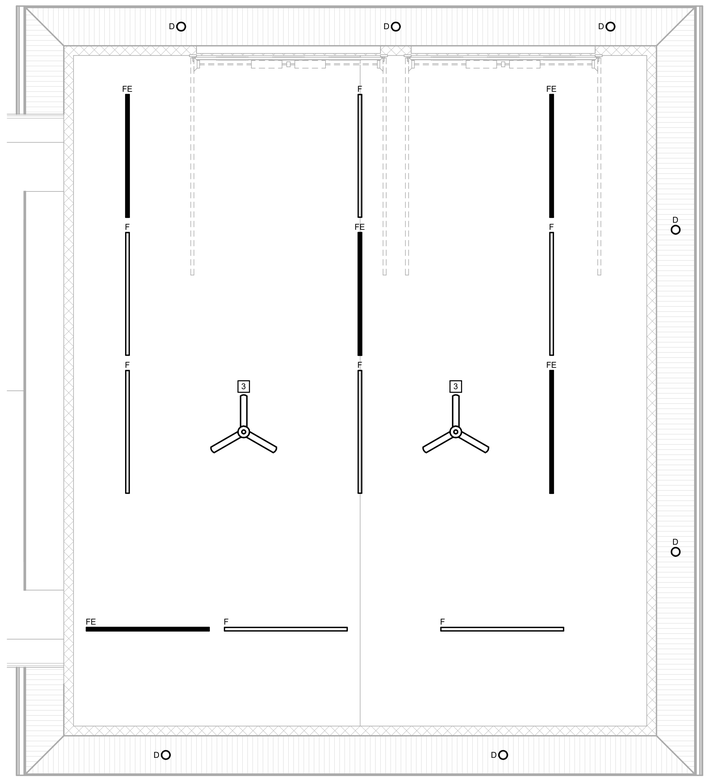
1. NEW OR RELOCATED LIGHTING FIXTURES OR CEILING FANS SHALL BE CONNECTED TO EXISTING LIGHTING OR CEILING FAN CIRCUITS WITH A 20A, 120V BRANCH CIRCUIT CONSISTING OF 2#12, 1#12G IN 1/2 INCH CONDUIT UNLESS NOTED OTHERWISE.
2. EXISTING LIGHTING CONTROLLERS, SUCH AS TOGGLE SWITCHES SHALL BE REPLACED WITH NEW TOGGLE SWITCH AND COVERPLATE TO MATCH EXISTING UNLESS NOTED OTHERWISE.
3. PROVIDE CONNECTION TO UNSWITCHED PHASE OF LIGHTING CIRCUIT SERVING AREA WITH EMERGENCY EGRESS LIGHTING TO BATTERY BACKED FIXTURE.
4. PROVIDE UNSWITCHED HOT TO ALL BATTERY BACKUP LIGHT FIXTURES.

SHEET E301 KEYED NOTES

#	
1	PROVIDE VISUAL COMFORT RUHLMANN 3RULSM52RZWD 52 LED MATTE WHITE CEILING FAN OR EQUAL. CONNECT NEW FIXTURE TO EXISTING CIRCUIT.
2	PROVIDE VISUAL COMFORT MAVERICK 3MGMR52RZW 52 LED MATTE WHITE CEILING FAN OR EQUAL. CONNECT NEW FIXTURE TO EXISTING CIRCUIT.
3	PROVIDE WESTINGHOUSE 56" STEEL BLADE JAX CEILING FAN OR EQUAL. CONNECT NEW FIXTURE TO NEAREST AVAILABLE CIRCUIT.
4	PROVIDE ELECTRICAL CONNECTION FOR NEW LIGHTING FIXTURE CENTERED ABOVE NEW KITCHEN TABLE. CONNECT NEW FIXTURE TO NEAREST AVAILABLE CIRCUIT.
5	RELOCATE ELECTRICAL CONNECTION OF FAN BEING REMOVED FOR NEW LIGHTING FIXTURE.
6	PROVIDE ELECTRICAL CONNECTION FOR NEW LIGHT FIXTURE. CONNECT NEW FIXTURE TO NEAREST AVAILABLE CIRCUIT.
7	PROVIDE NEW EXIT SIGN AT THIS LOCATION.



1 LIGHTING CEILING PLAN
1/4" = 1'-0"



2 APPARATUS ROOM CEILING
1/4" = 1'-0"

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Proposed: House 3 Renovations
MERAMEC AMBULANCE DISTRICT - HOUSE 3
7390 STATE HIGHWAY O

No.	Revision	Date
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LIGHTING CEILING PLAN

Project No. 25083

Sheet No. E301

Date 10/16/2026

STATE OF MISSOURI
TODD LINUS KUNO
NUMBER PE-2015017018
10/16/2026
PROFESSIONAL ENGINEER

Name: Todd L. Kuno
Discipline: Professional Engineer
License No: 2015017018
Expiration Date: 12/31/2027

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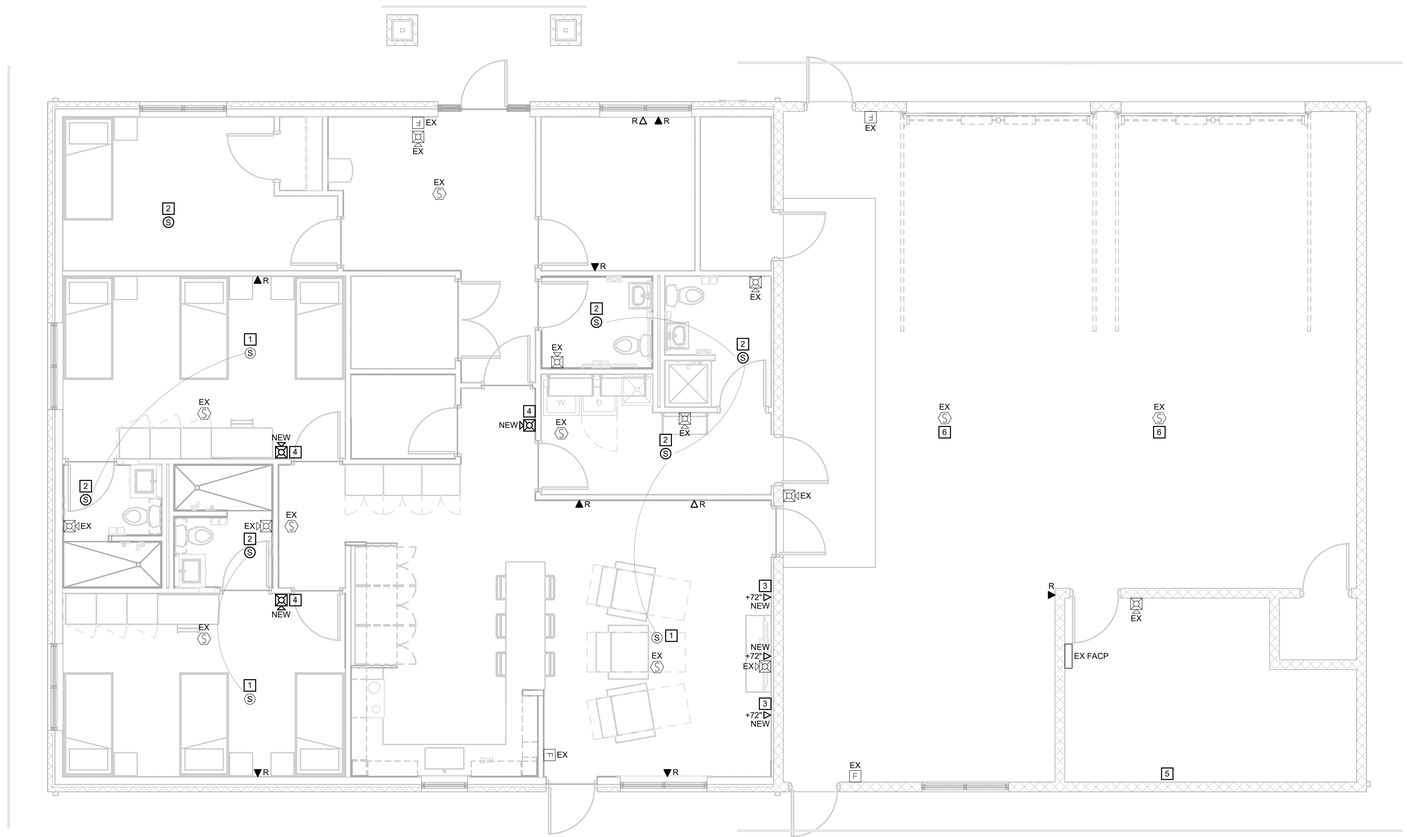
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SHEET E401 GENERAL NOTES:

1. NEW DATA OUTLETS SHALL BE CONNECTED WITH CATEGORY 6 PLENUM RATED COMMUNICATION CABLE TO AVAILABLE PORT IN EXISTING PATCH PANEL OR SWITCH. COORDINATE WITH EXISTING CONDITIONS.
2. EXISTING COMMUNICATION COMPONENTS, SUCH AS DATA OUTLETS, TELEPHONE OUTLETS AND SPEAKERS ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. NEW COVERPLATES SHALL BE PROVIDED TO MATCH EXISTING FOR ALL DATA AND TELEPHONE OUTLETS.
3. COORDINATE WITH FEATHERSHARK, THE OWNER'S VENDOR FOR THE STATION ALERTING SYSTEM. THE SCOPE OF THIS WORK IS TO PROVIDE ROUGH-IN AND CABLE TO ACCOMMODATE OWNER'S VENDOR (FEATHERSHARK) INSTALLED AND TERMINATED COMPONENTS. CABLES SHALL ONLY BE INSTALLED BY HONEYWELL CERTIFIED CONTRACTOR.

SHEET E401 KEYED NOTES

1 EXISTING CEILING SPEAKER TO REMAIN.
2 NEW STATION ALERTING SPEAKER PROVIDED BY FEATHERSHARK. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL BACK BOX, WIRE AND SYSTEM CABLE TO MATCH EXISTING FROM EXISTING COMPONENT IN ADJACENT SPACE.
3 PROVIDE NEW DATA OUTLET. SEE POWER PLAN FOR DESCRIPTION OF TV BOX.
4 PROVIDE NEW FIRE ALARM DEVICE TO REPLACE THE ONE REMOVED DURING DEMOLITION.
5 LOCATION FOR EXISTING TO REMAIN WALL MOUNTED COMMUNICATION NETWORK EQUIPMENT.
6 RELOCATE EXISTING FIRE ALARM DEVICE TO AT LEAST THREE FEET AWAY FROM NEW CEILING FAN BLADES.



1 AUXILIARY FLOOR PLAN
1/4" = 1'-0"
0 2'-0" 4'-0" 8'-0"
SCALE: 1/4" = 1'-0"

N

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DISTRICT - HOUSE 3
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AUXILIARY FLOOR PLAN

Project No. 25083
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10/16/2026
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