

# RENOVATE RESTROOMS & REPLACE SELECT CAST IRON PIPING M.S.H.P. TROOP E HEADQUARTERS Poplar Bluff, Missouri

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OWNER: STATE OF MISSOURI  
MIKE KEHOE,  
GOVERNOR  
  
DEPARTMENT OF PUBLIC SAFETY  
MISSOURI STATE HIGHWAY PATROL

PROJECT  
MANAGEMENT: OFFICE OF ADMINISTRATION  
DIVISION OF FACILITIES MANAGEMENT,  
DESIGN AND CONSTRUCTION

DESIGNER: Architect  
Dille Pollard Architecture, LLC

PROJECT NUMBER: R2520-01

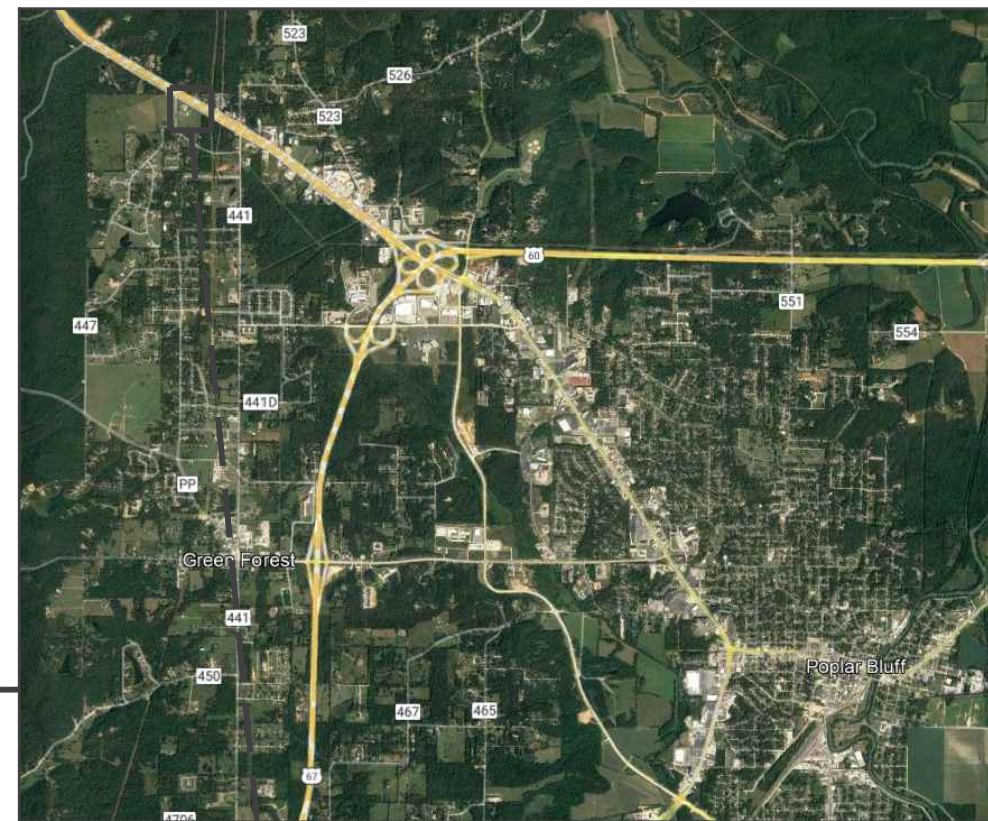
SITE NUMBER: 6006

FACILITY NUMBER: 8136006005

SHEET NUMBER:

**G-001**

1 OF 35 SHEETS  
01/28/2026



# 1 LOCATION MAP

NTS

## SYMBOL LEGEND

	DOOR TAG - DOOR#
	ROOM TAG
	BUILDING SECTION - DETAIL# / SHEET#
	WALL SECTION - DETAIL#-SHEET#
	INTERIOR ELEVATION - DETAIL# / SHEET#
	ENLARGED DETAIL - DETAIL# / SHEET#
	ELEVATION LOCATION
	PARTITION TYPE
	KEY NOTE
	EXISTING/NEW CONSTRUCTION
	PARTITION TO BE DEMOLISHED
	EXTERIOR ELEVATION

## ABBREVIATIONS

A.D.A.	AMERICAN WITH DISABILITIES ACT
B.L.D.G.	BUILDING
C.J.	CONTROL JOINT
C.L.G.	CEILING
C.M.U.	CONCRETE MASONRY UNIT
CONC.	CONCRETE
CONT.	CONTINUOUS
DR.	DOOR
E.W.C.	ELECTRIC WATER COOLER
E.I.F.S.	EXTERIOR INSULATION AND FINISH SYSTEM
E.J.	EXPANSION JOINT
EA.	EACH
EXT.	EXTERIOR
FIN.	FINISH
FLR.	FLOOR
G.B.	GRAB BAR
GYP.	GYPSUM
H.M.	HOLLOW METAL
HT.	HEIGHT
INT.	INTERIOR
INSUL.	INSULATION
L.V.L.	LEVEL
MANF.	MANUFACTURER
M.B.C.	METAL BUILDING CONTRACTOR
MIN.	MINIMUM OR MINUTE
MTL.	METAL
O.C.	ON CENTER
PART.	PARTITION
PR.	PAIR
PRE-FIN.	PRE-FINISHED
REQ'D	REQUIRED
SCH.	SCHEDULE
S.S.	STAINLESS STEEL
STL.	STEEL
SPEC.	SPECIFICATIONS
STRUCT.	STRUCTURAL
TLT.	TOILET
W.	WIDTH
W/	WITH
U.L.	UNDERWRITERS LABORATORIES
WNDW.	WINDOW
V.C.T.	VINYL COMPOSITION TILE

## DRAWING INDEX

G-001	TITLE SHEET
G-002	DRAWING INDEX, SITE LOCATION PLANS, LEGENDS, AND ABBREVIATIONS
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A-002	LEVEL 2 DEMOLITION PLAN
A-003	PARTIAL FLOOR PLANS - ABATEMENT
A-100	LEVEL 1 CODE PLAN
A-101	LEVEL 2 CODE PLAN
A-200	LEVEL 1 RENOVATION PLAN
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A-701	SCHEDULES AND DETAILS
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A-900	LEVEL 1 REFLECTED CEILING PLAN
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ME-400	MECH AND ELEC DETAILS
DP-001	DEMO PLUMBING UNDERSLAB PLAN - LEVEL 1
DP-100	DEMO PLUMBING PLAN - LEVEL 1
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P-001	PLUMBING UNDERSLAB PLAN - LEVEL 1
P-100	PLUMBING PLAN - LEVEL 1
P-101	PLUMBING PLAN - LEVEL 2
DE-100	DEMO LIGHTING PLAN - LEVEL 1
DE-101	DEMO LIGHTING PLAN - LEVEL 2
DE-200	DEMO POWER PLAN - LEVEL 1
DE-201	DEMO POWER PLAN - LEVEL 2
E-100	LIGHTING PLAN - LEVEL 1
E-101	LIGHTING PLAN - LEVEL 2
E-200	POWER PLAN - LEVEL 1
E-201	POWER PLAN - LEVEL 2

## APPLICABLE CODES:

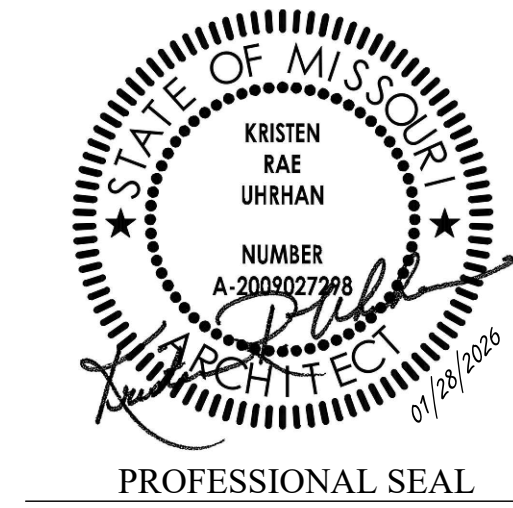
- THE INTERNATIONAL BUILDING CODE, 2018 AS AMENDED BY THE CITY OF POPLAR BLUFF, MISSOURI
- THE NATIONAL ELECTRIC CODE, 2017
- THE INTERNATIONAL PLUMBING CODE, 2018 AS AMENDED BY THE CITY OF POPLAR BLUFF, MISSOURI
- THE INTERNATIONAL MECHANICAL CODE, 2018 AS AMENDED BY THE CITY OF POPLAR BLUFF, MISSOURI
- THE INTERNATIONAL FIRE CODE, 2018 AS AMENDED BY THE CITY OF POPLAR BLUFF, MISSOURI
- INSPECTIONS BY LOCAL AHJ NOT REQUIRED BY FMDC.

## GENERAL NOTES:

ARCHITECTURAL DWGS

- INFORMATION SHOWN ON THE FLOOR PLAN FOR THE EXISTING BUILDING HAS BEEN REPRODUCED FROM THE ORIGINAL DRAWINGS AND FIELD VISUAL SURVEYS. REFER TO MEP DRAWINGS FOR ADDITIONAL INFORMATION. NO FORENSIC INVESTIGATIONS HAVE BEEN MADE FOR CONSTRUCTION ABOVE CEILINGS, UNDER FLOORS OR WITHIN WALLS. THE CONTRACTORS ARE REQUIRED TO VISIT THE SITE AND VERIFY CONDITIONS FOR THE WORK PRIOR TO BIDDING.
- PROTECT & KEEP CLEAR ALL BUILDING ACCESSES TO ALLOW ACCESS TO BUILDING AT ALL TIMES. COORDINATE EXTERIOR WORK WITH AGENCY'S REPRESENTATIVE AT THE FACILITY. MAINTAIN BUILDING SECURITY THROUGHOUT CONSTRUCTION.
- ALL EXISTING SERVICES & UTILITIES SHALL BE MAINTAINED TO ADJACENT AREAS THAT ARE IN OPERATION & SERVED BY THESE UTILITIES & SERVICES. COORDINATE ALL DISRUPTIONS OR DISCONTINUATION OF UTILITIES & SERVICES WITH THE AGENCY'S REPRESENTATIVE AT THE FACILITY.
- EXISTING SURFACES, STRUCTURE, EQUIPMENT, ETC. TO REMAIN IN PLACE SHALL BE PROTECTED FROM DIRT & DAMAGE DURING CONSTRUCTION. CONTRACTOR SHALL PROTECT EXISTING SURFACES / EQUIPMENT FROM DUST, DIRT, ETC. DURING ALL CONSTRUCTION ACTIVITIES. PROVIDE TEMPORARY DUST BARRIERS IN ALL AREAS OF WORK. COORDINATE EXACT LOCATIONS WITH AGENCY'S REPRESENTATIVE AT THE FACILITY. AFTER ALL WORK IS COMPLETED, CONTRACTOR SHALL CLEAN ALL AREAS AFFECTED SO THAT THEY ARE FREE OF ANY AND ALL CONSTRUCTION DEBRIS AND DIRT.
- CONTRACTOR SHALL VISIT THE JOB SITE TO FAMILIARIZE THEMSELVES WITH THE SCOPE OF THE PROJECT AND TO VERIFY EXISTING CONDITIONS. THE CONTRACTOR WILL REPORT EXISTING DAMAGE TO AREAS THAT ARE TO REMAIN PRIOR TO THE WORK AND REPAIR OR REPLACE MATERIALS THAT ARE DAMAGED DURING DEMOLITION AND NEW RENOVATION WORK.
- GENERAL CONTRACTOR SHALL COORDINATE ALL WORK OF ALL SCOPES AND DISCIPLINES FOR A COMPLETE PROJECT.
- FURNISHINGS, LOCKERS, BENCHES, ETC. ARE NOT SHOWN, BUT WILL BE REMOVED BY THE AGENCY MAINTENANCE PERSONNEL PRIOR TO CONSTRUCTION. CONTRACTOR TO COORDINATE WITH AGENCY'S REPRESENTATIVE AT THE FACILITY.
- MAINTAIN WEATHERTIGHT CONDITIONS. PROVIDE TEMPORARY WEATHER PROTECTION AS REQUIRED.
- REFERENCE HAZARDOUS MATERIALS PLANS & SCHEDULE SHEETS FOR EXTENT OF REMOVAL REQUIRED FOR NEW WORK. ALSO REFERENCE HAZARDOUS MATERIALS REPORT IN PROJECT MANUAL.

STATE OF MISSOURI  
MIKE KEHOE  
GOVERNOR



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4869-5199 US-67  
POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

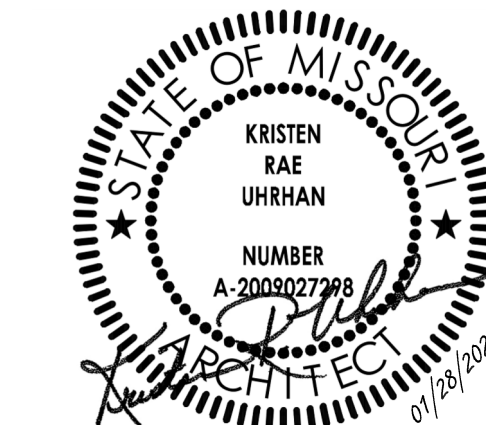
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ISSUE DATE: 01/28/2026

CAD DWG FILE: G-002.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
**DRAWING INDEX  
SITE LOCATION PLANS  
LEGENDS AND  
ABBREVIATIONS**

SHEET NUMBER:

**G-002**



PROFESSIONAL SEAL

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REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 01/28/2026

CAD DWG FILE: C-100.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
**SITE PLAN  
REFERENCE**

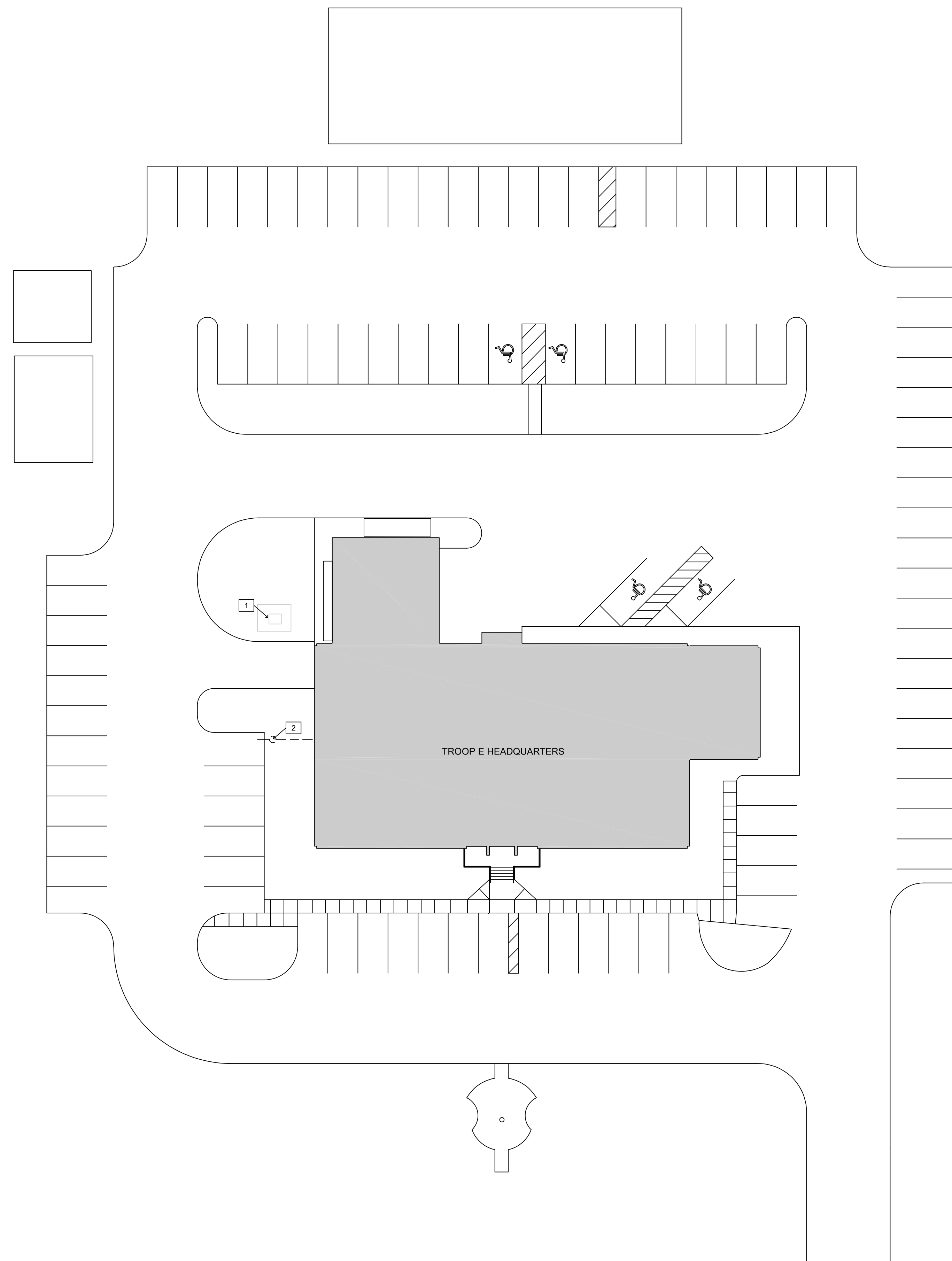
SHEET NUMBER:  
**C-100**

GENERAL SITE PLAN NOTES:

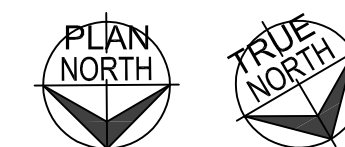
- A. ALL CIVIL SHOWN ON THIS SHEET IS FOR REFERENCE AND ORIENTATION ONLY. ALSO REFERENCE MEP DRAWINGS.
- B. ALL GRASSES, AGGREGATE AND CONCRETE SURFACES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- C. BURY ELEVATIONS OF UNDERGROUND PIPING AND CONDUITS ARE UNKNOWN. UTILITIES CUT OR DAMAGED DURING CONSTRUCTION ARE TO BE RESTORED TO THEIR ORIGINAL CONDITION.
- D. ALSO REFERENCE SHEET G-002 FOR GENERAL NOTES APPLICABLE FOR THE FULL PROJECT.

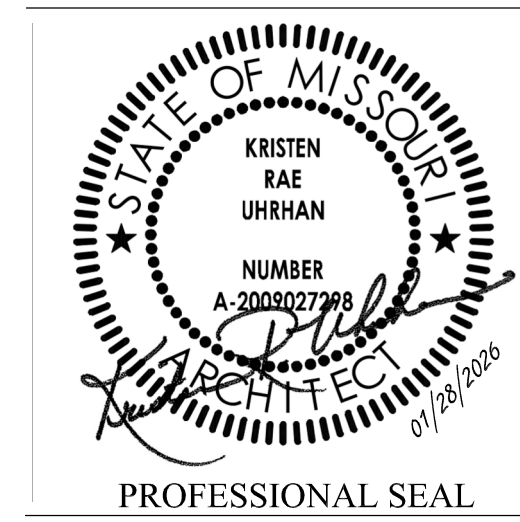
KEYED NOTES - SITE PLAN: x

- 1. EXISTING WATER WELL WITH PRESSURE TANKS IN PIT TO REMAIN.
- 2. EXISTING MANHOLE TO REMAIN.



**1** SITE PLAN REFERENCE  
1" = 20'





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DATE: \_\_\_\_\_  
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ISSUE DATE: 01/28/2026

CAD DWG FILE: A-001.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
LEVEL 1  
DEMOLITION PLAN

SHEET NUMBER:  
**A-001**

GENERAL NOTES - DEMOLITION:

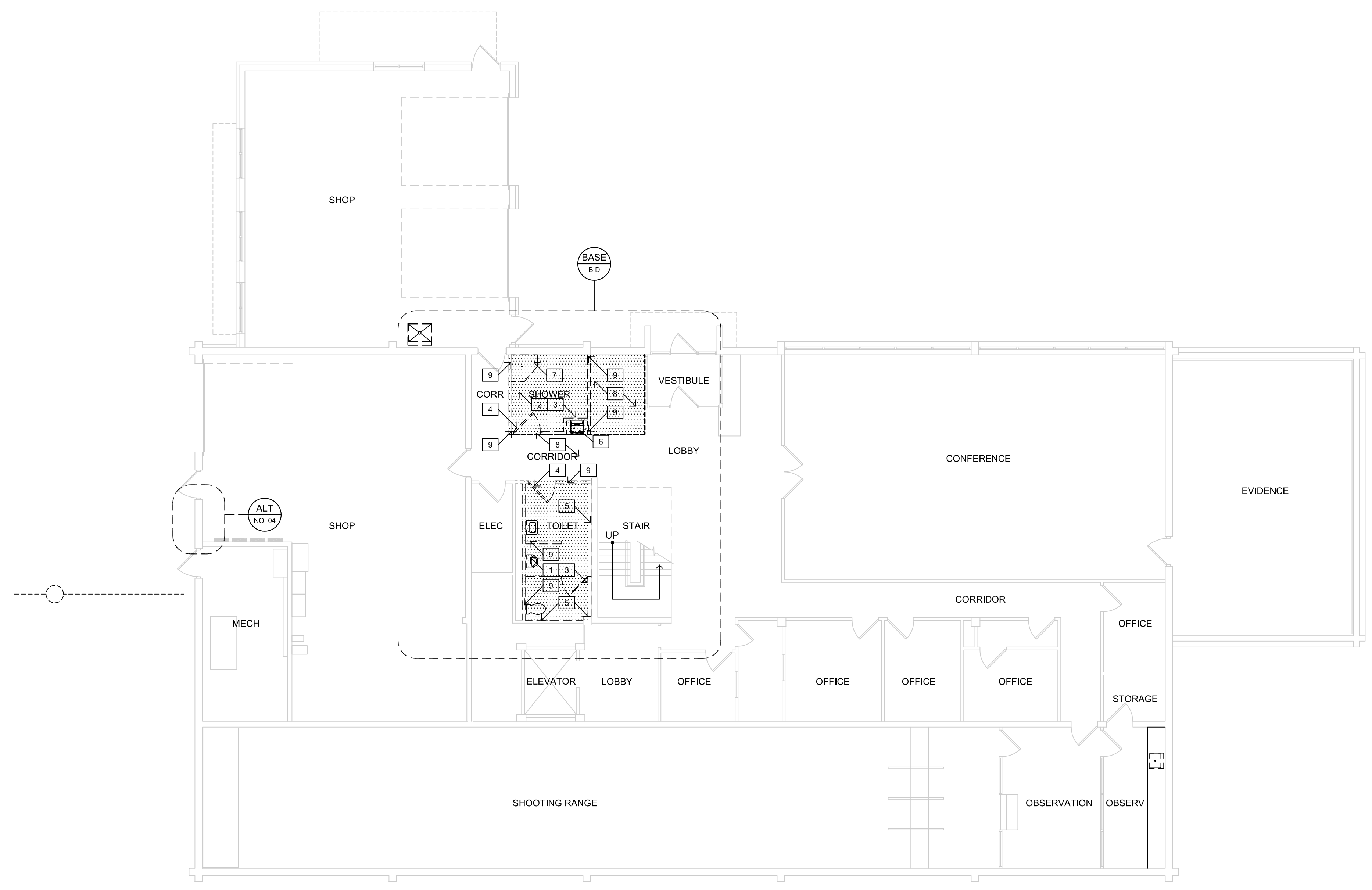
- A. REFERENCE GENERAL NOTES, SHEET G-002, FOR NOTES APPLICABLE TO ENTIRE PROJECT AS A WHOLE.
- B. COORDINATE ALL DEMOLITION ACTIVITIES WITH DESIGNATED OWNER'S AND AGENCY'S REPRESENTATIVE. THE FACILITY WILL REMAIN IN OPERATION 24/7 DURING CONSTRUCTION.
- C. DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE TOTALLY REMOVED BY CONTRACTOR UNLESS OTHERWISE NOTED. DEMO'D ITEMS TO BE REMOVED AND DISPOSED OF IN A SAFE AND LAWFUL MANNER AS SPECIFIED.
- D. EXISTING SURFACES TO RECEIVE NEW FINISHES SHALL BE PATCHED AND PREPPED AS REQUIRED TO RECEIVE NEWLY SPECIFIED SURFACE TREATMENT / FINISHES PER MANUFACTURER'S RECOMMENDATIONS.
- E. PROVIDE TEMPORARY BRACING AND SHORING AS REQUIRED TO SUPPORT EXISTING STRUCTURE PRIOR TO ANY DEMOLITION OF LOAD BEARING CONSTRUCTION.
- F. REFERENCE MEP DRAWINGS FOR EXTENTS OF ADDITIONAL DEMOLITION, INCLUDING BUT NOT LIMITED TO, PLUMBING FIXTURES, PIPING AND CONNECTIONS.
- G. REFERENCE ALTERATIONS PLANS FOR NEW WORK AND COORDINATION OF DEMOLITION EXTENTS.
- H. EXISTING PLUMBING FIXTURES TO BE TOTALLY REMOVED UNLESS OTHERWISE NOTED. AGENCY RESERVES THE FIRST RIGHT OF REFUSAL OF THE FIXTURES. ALSO REFERENCE MEP DRAWINGS.
- I. HATCHING, WHERE APPLICABLE, INDICATES EXISTING CONCRETE SLAB TO BE SAWCUT AND DEMOLISHED AS REQUIRED FOR NEW WORK AND UNDERFLOOR/SLAB PIPING. ALSO REFERENCE MEP DRAWINGS. CONTRACTOR TO TAKE CARE NOT TO UNDERMINE BUILDING FOOTINGS AND/OR STRUCTURE.
- J. LEVEL ALL FLOOR SLABS AS REQUIRED WHERE SLAB DEPRESSIONS HAVE BEEN LEFT BY DEMOLITION OR NECESSARY FOR NEW FLOORING.
- K. REMOVE ONLY WHAT IS NECESSARY TO COMPLETE DEMOLITION & ACCOMMODATE NEW CONSTRUCTION. PREPARE ALL DISTURBED AREAS FOR NEW SCOPES OF WORK.
- L. REMOVE EXISTING TOILET ACCESSORIES IN / ON WALLS AND STORE FOR REINSTALLATION IN NEW WORK.
- M. REMOVE EXISTING WALL MOUNTED LIGHT FIXTURES AND STORE FOR REINSTALLATION ON NEW WALLS. REFERENCE ELECTRICAL DRAWINGS.
- N. REMOVE ALL TOILET PARTITIONS AND MOUNTING BRACKETS. AGENCY RESERVES THE FIRST RIGHT OF REFUSAL OF THE FIXTURES.
- O. EXISTING CONCRETE SLAB WILL REQUIRE DEMOLITION TO EXTENTS ONLY REQUIRED FOR NEW WORK. CONTRACTOR TO SAWCUT TRENCHES FOR UNDERSLAB PIPING. REFERENCE PLUMBING FOR COORDINATION. CONTRACTOR TO TAKE CARE NOT TO UNDERMINE EXISTING BUILDING FOOTINGS.

KEYED NOTES - DEMOLITION: x

1. EXISTING MOSAIC FLOORING & SETTING BED (WHERE APPLICABLE) TO BE TOTALLY REMOVED FOR NEW WORK. CLEAN AND PREP CONCRETE FLOOR SLAB FOR NEW INFILL & FLOOR FINISH.
2. EXISTING CONCRETE FLOOR TO BE STRIPPED AND PREPPED FOR NEW FLOOR FINISH.
3. EXISTING CEILINGS AND GRID TO BE REMOVED AND REINSTALLED AS REQUIRED FOR NEW WORK. PROVIDE TEMPORARY SUPPORT OF EXISTING LIGHT FIXTURES AND CEILING DEVICES, ALL TO BE REUSED. CEILING GRID AND TILES TO BE MODIFIED FOR NEW ROOM FOOTPRINT AS REQUIRED. REFERENCE MEP DRAWINGS.
4. EXISTING DOORS AND FRAMES TO BE TOTALLY REMOVED WHERE INDICATED. STORE FOR REINSTALLATION WHERE NOTED.
5. EXISTING WALL TILE TO BE TOTALLY REMOVED FOR NEW WORK. DEMOLITION INCLUDES GYPSUM WALL BOARD. STUDS TO REMAIN.
6. EXISTING ELECTRIC WATER COOLER TO BE REMOVED & REINSTALLED AT NEW LOCATION BY CONTRACTOR. PROVIDE STAINLESS STEEL COVER PLATE AT EXISTING PLUMBING OPENING IN WALL(S) TO REMAIN. PAINT DISTURBED AREA TO MATCH EXISTING. ALSO REFERENCE MEP DRAWINGS.
7. EXISTING SHOWER AREA TO BE REMOVED.
8. REMOVE EXISTING CARPET FLOORING TO EXTENTS REQUIRED FOR NEW WORK. PREP CONCRETE FLOOR FOR NEW FLOOR FINISH.
9. REMOVE EXISTING WALL FINISH & STUDS IN ITS ENTIRETY.

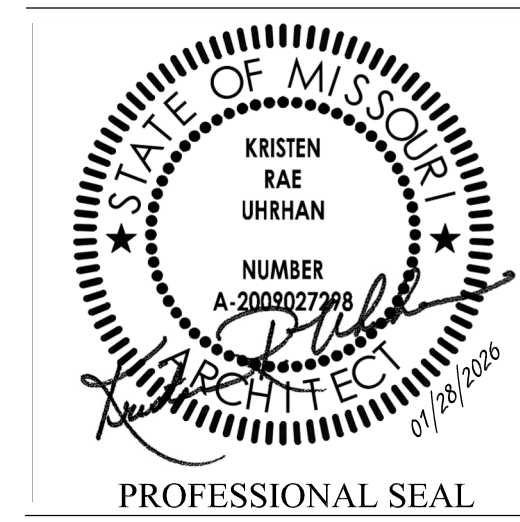
SYMBOL LEGEND (THIS SHEET ONLY)

AREA OF EXISTING FLOOR FINISH TO BE REMOVED AND REPLACED.



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





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REVISION: \_\_\_\_\_  
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ISSUE DATE: 01/28/2026

CAD DWG FILE: A-002.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
LEVEL 2  
DEMOLITION PLAN

SHEET NUMBER:  
**A-002**

GENERAL NOTES - DEMOLITION:

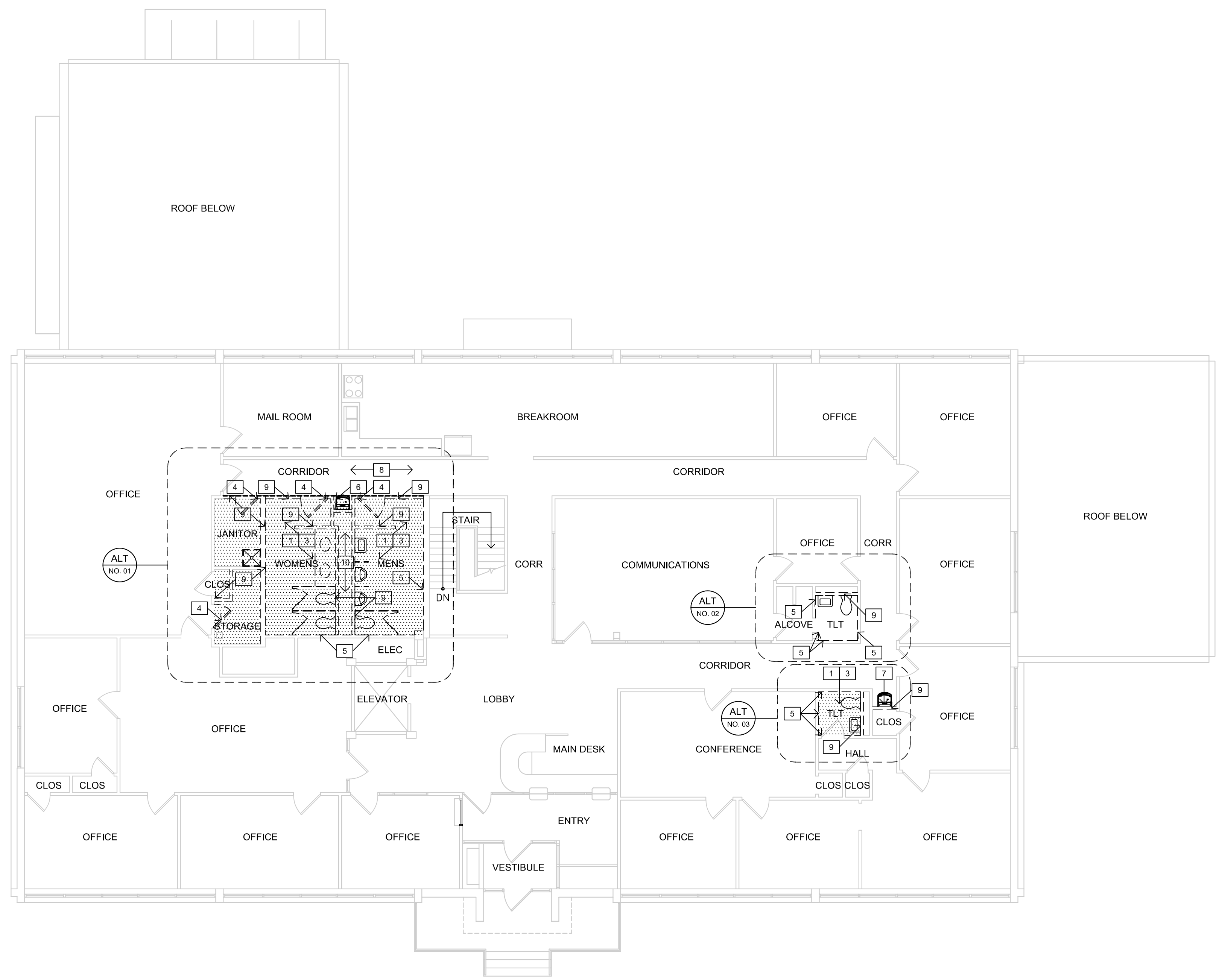
- A. REFERENCE GENERAL NOTES, SHEET G-002, FOR NOTES APPLICABLE TO ENTIRE PROJECT AS A WHOLE.
- B. COORDINATE ALL DEMOLITION ACTIVITIES WITH DESIGNATED OWNER'S AND AGENCY'S REPRESENTATIVE. THE FACILITY WILL REMAIN IN OPERATION 24/7 DURING CONSTRUCTION.
- C. DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE TOTALLY REMOVED BY CONTRACTOR UNLESS OTHERWISE NOTED. DEMO'D ITEMS TO BE REMOVED AND DISPOSED OF IN A SAFE AND LAWFUL MANNER AS SPECIFIED.
- D. EXISTING SURFACES TO RECEIVE NEW FINISHES SHALL BE PATCHED AND PREPPED AS REQUIRED TO RECEIVE NEWLY SPECIFIED SURFACE TREATMENT / FINISHES PER MANUFACTURER'S RECOMMENDATIONS.
- E. PROVIDE TEMPORARY BRACING AND SHORING AS REQUIRED TO SUPPORT EXISTING STRUCTURE PRIOR TO ANY DEMOLITION OF LOAD BEARING CONSTRUCTION.
- F. REFERENCE MEP DRAWINGS FOR EXTENTS OF ADDITIONAL DEMOLITION, INCLUDING BUT NOT LIMITED TO, PLUMBING FIXTURES AND CONNECTIONS.
- G. REFERENCE ALTERATIONS PLANS FOR NEW WORK AND COORDINATION OF DEMOLITION EXTENTS.
- H. EXISTING PLUMBING FIXTURES TO BE TOTALLY REMOVED UNLESS OTHERWISE NOTED. AGENCY RESERVES THE FIRST RIGHT OF REFUSAL OF THE FIXTURES. ALSO REFERENCE MEP DRAWINGS.
- I. HATCHING, WHERE APPLICABLE, INDICATES EXISTING CONCRETE SLAB TO BE SAWCUT AND DEMOLISHED AS REQUIRED FOR NEW WORK AND UNDERFLOOR/SLAB PIPING. ALSO REFERENCE MEP DRAWINGS. CONTRACTOR TO TAKE CARE NOT TO UNDERMINE BUILDING FOOTINGS AND/OR STRUCTURE.
- J. LEVEL ALL FLOOR SLABS AS REQUIRED WHERE SLAB DEPRESSIONS HAVE BEEN LEFT BY DEMOLITION OR NECESSARY FOR NEW FLOORING.
- K. REMOVE ONLY WHAT IS NECESSARY TO COMPLETE DEMOLITION & ACCOMMODATE NEW CONSTRUCTION. PREPARE ALL DISTURBED AREAS FOR NEW SCOPES OF WORK.
- L. REMOVE EXISTING TOILET ACCESSORIES IN / ON WALLS AND STORE FOR REINSTALLATION IN NEW WORK.
- M. REMOVE EXISTING WALL MOUNTED LIGHT FIXTURES AND STORE FOR REINSTALLATION ON NEW WALLS. REFERENCE ELECTRICAL DRAWINGS.
- N. REMOVE ALL TOILET PARTITIONS AND MOUNTING BRACKETS. AGENCY RESERVES THE FIRST RIGHT OF REFUSAL OF THE FIXTURES.
- O. EXISTING CONCRETE SLAB WILL REQUIRE DEMOLITION TO EXTENTS ONLY REQUIRED FOR NEW WORK. WHERE POSSIBLE, CONTRACTOR SHALL REUSE EXISTING PENETRATIONS OR STAY IN LINE WITH SAID PENETRATIONS NOT TO UNDERMINE EXISTING CONCRETE TEE STRUCTURE.
- P. EXTENT OF DEMOLITION AND ABATEMENT TO BE IN CORRELATION WITH ACCEPTANCE OF CORRESPONDING ALTERNATE WORK.

KEYED NOTES - DEMOLITION: x

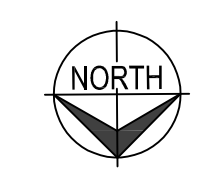
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2. NOT APPLICABLE - THIS SHEET.
3. EXISTING CEILINGS AND GRID TO BE REMOVED AND REINSTALLED AS REQUIRED FOR NEW WORK. PROVIDE TEMPORARY SUPPORT OF EXISTING LIGHT FIXTURES AND CEILING DEVICES. ALL TO BE RE-USED. CEILING GRID AND TILES TO BE MODIFIED FOR NEW ROOM FOOTPRINT AS REQUIRED. REFERENCE MEP DRAWINGS.
4. EXISTING DOORS AND FRAMES TO BE TOTALLY REMOVED WHERE INDICATED. STORE FOR REINSTALLATION WHERE NOTED.
5. EXISTING WALL TILE TO BE TOTALLY REMOVED FOR NEW WORK. DEMOLITION INCLUDES GYPSUM WALL BOARD. STUDS TO REMAIN.
6. EXISTING ELECTRIC WATER COOLER (EWC) TO BE REMOVED & REINSTALLED AT NEW LOCATION BY CONTRACTOR. PROVIDE STAINLESS STEEL COVER PLATE AT EXISTING PLUMBING OPENING IN WALL(S) TO REMAIN. PAINT DISTURBED AREA TO MATCH EXISTING. ALSO REFERENCE MEP DRAWINGS.
7. EXISTING ELECTRIC WATER COOLER (EWC) TO BE REMOVED IN ITS ENTIRETY AND PLUMBING LINES CAPPED. COORDINATE EXTENTS WITH WALL REMOVAL OWNER TO HAVE FIRST RIGHT OF REFUSAL FOR EWC.
8. REMOVE EXISTING CARPET FLOORING TO EXTENTS REQUIRED FOR NEW WORK. PREP CONCRETE FLOOR FOR NEW FLOOR FINISH.
9. REMOVE EXISTING WALL FINISH & STUDS IN ITS ENTIRETY.
10. REUSE EXISTING FLOOR PENETRATIONS WHERE POSSIBLE. ANY NEWLY REQUIRED PENETRATIONS TO REMAIN IN LINE WITH EXISTING AS TO NOT DAMAGE THE EXISTING CONCRETE TEE STRUCTURE.

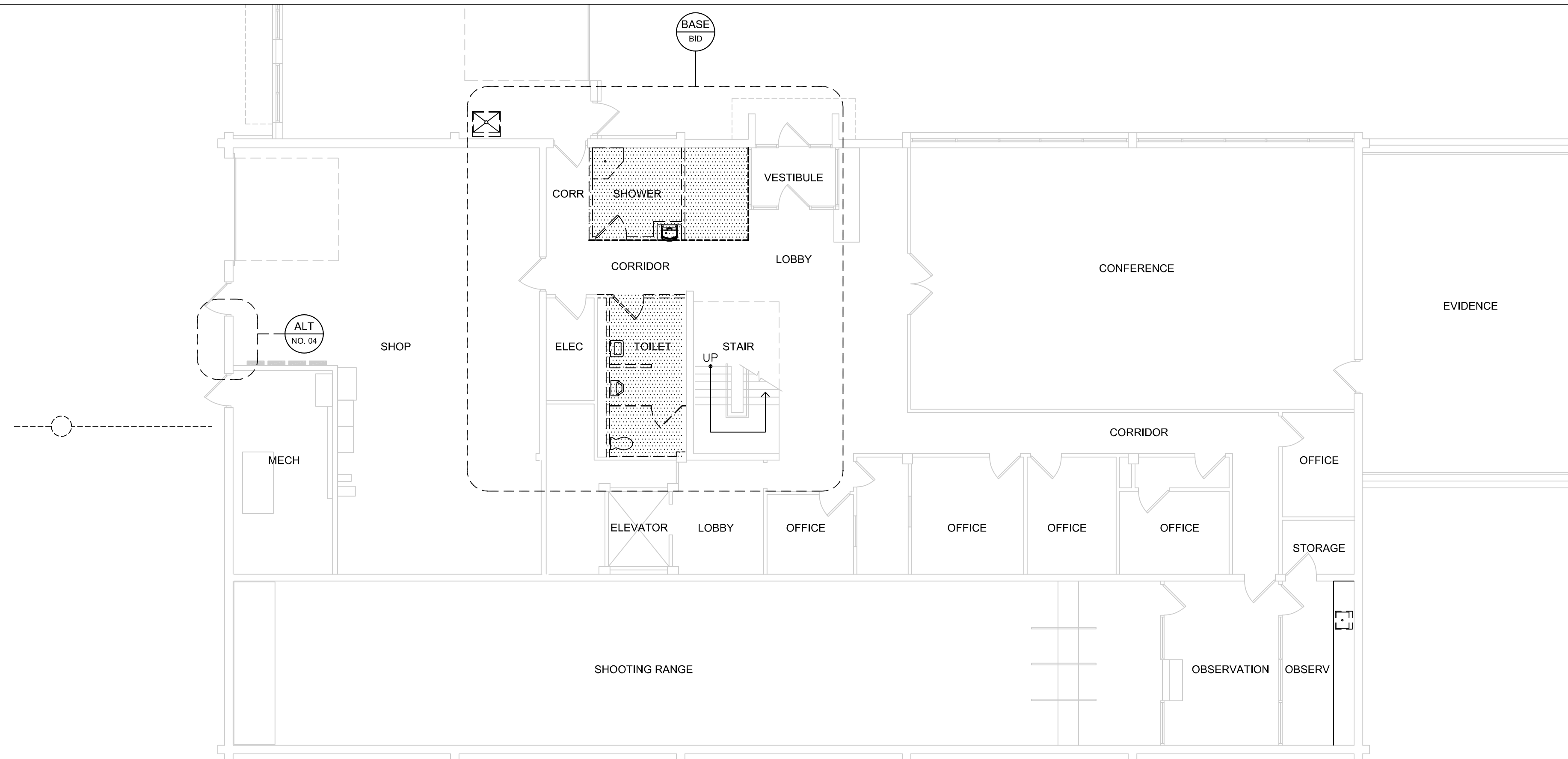
SYMBOL LEGEND (THIS SHEET ONLY)

AREA OF EXISTING FLOOR FINISH TO BE REMOVED AND REPLACED.

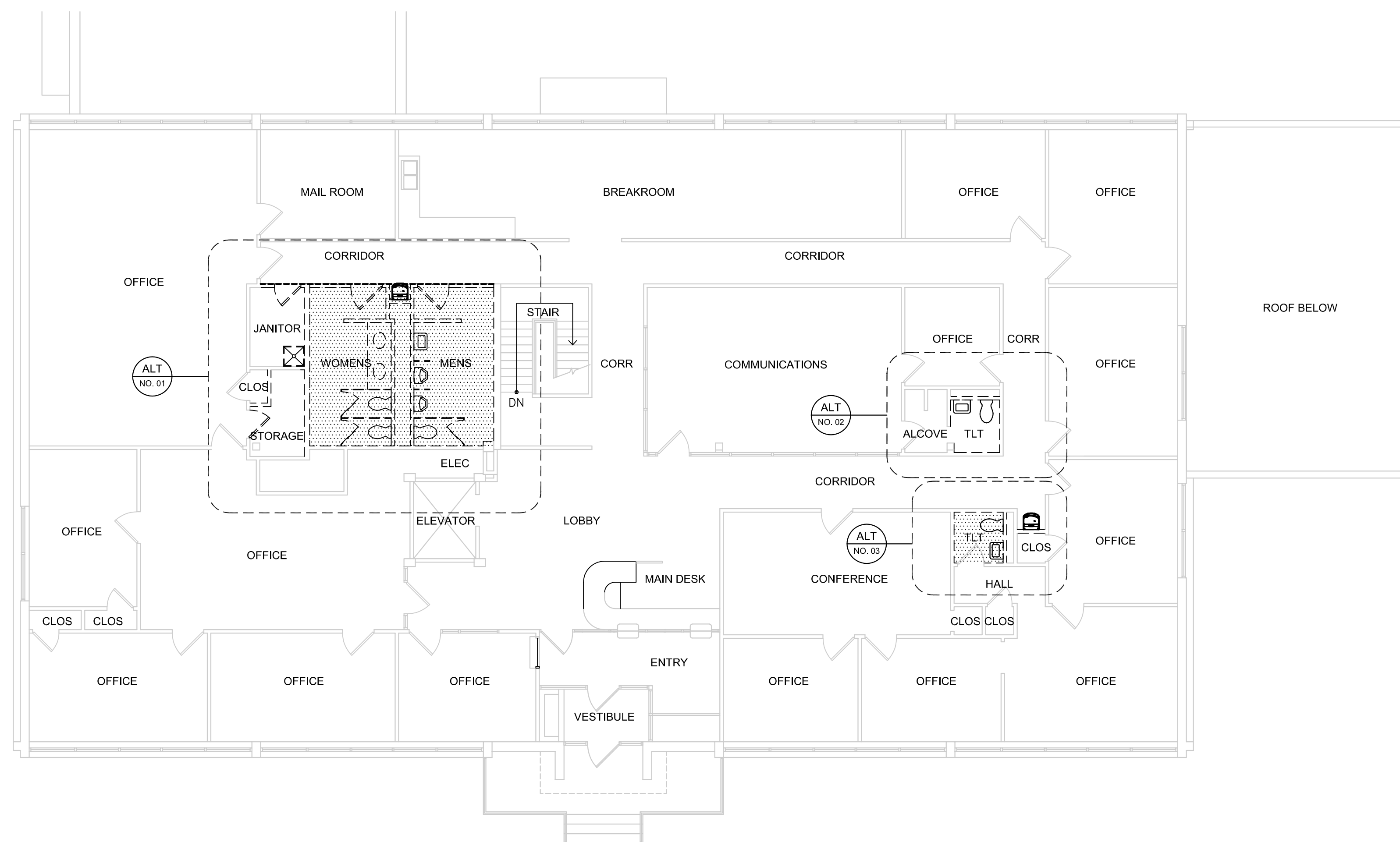


**1 LEVEL 2 - DEMOLITION PLAN**  
1/8"=1'-0"





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



**2 LEVEL 2 - DEMOLITION PLAN**  
1/8" = 1'-0"



**GENERAL NOTES - DEMOLITION:**

- A. REFERENCE GENERAL NOTES, SHEET G-002, FOR NOTES APPLICABLE TO ENTIRE PROJECT AS A WHOLE.
- B. FLOOR PLANS FOR REFERENCE IN CORRELATION WITH HAZARDOUS MATERIALS REPORT, APPENDIX A AND ASBESTOS ABATEMENT SCOPE, SECTION 028211.
- C. EXTENT OF DEMOLITION AND ABATEMENT TO BE IN CORRELATION WITH ACCEPTANCE OF CORRESPONDING ALTERNATE WORK.

**SYMBOL LEGEND** (THIS SHEET ONLY)

AREAS OF PROPOSED ABATEMENT

STATE OF MISSOURI  
MIKE KEHOE  
GOVERNOR



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BUILDING

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HEADQUARTERS  
4869-5199 US-67  
POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 01/28/2026

CAD DWG FILE: A-003.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
PARTIAL FLOOR  
PLANS -  
ABATEMENT

SHEET NUMBER:

**A-003**



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BUILDING # 8136006005

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REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 01/28/2026

CAD DWG FILE: A-100.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
LEVEL 1  
CODE PLAN  
(REFERENCE ONLY)

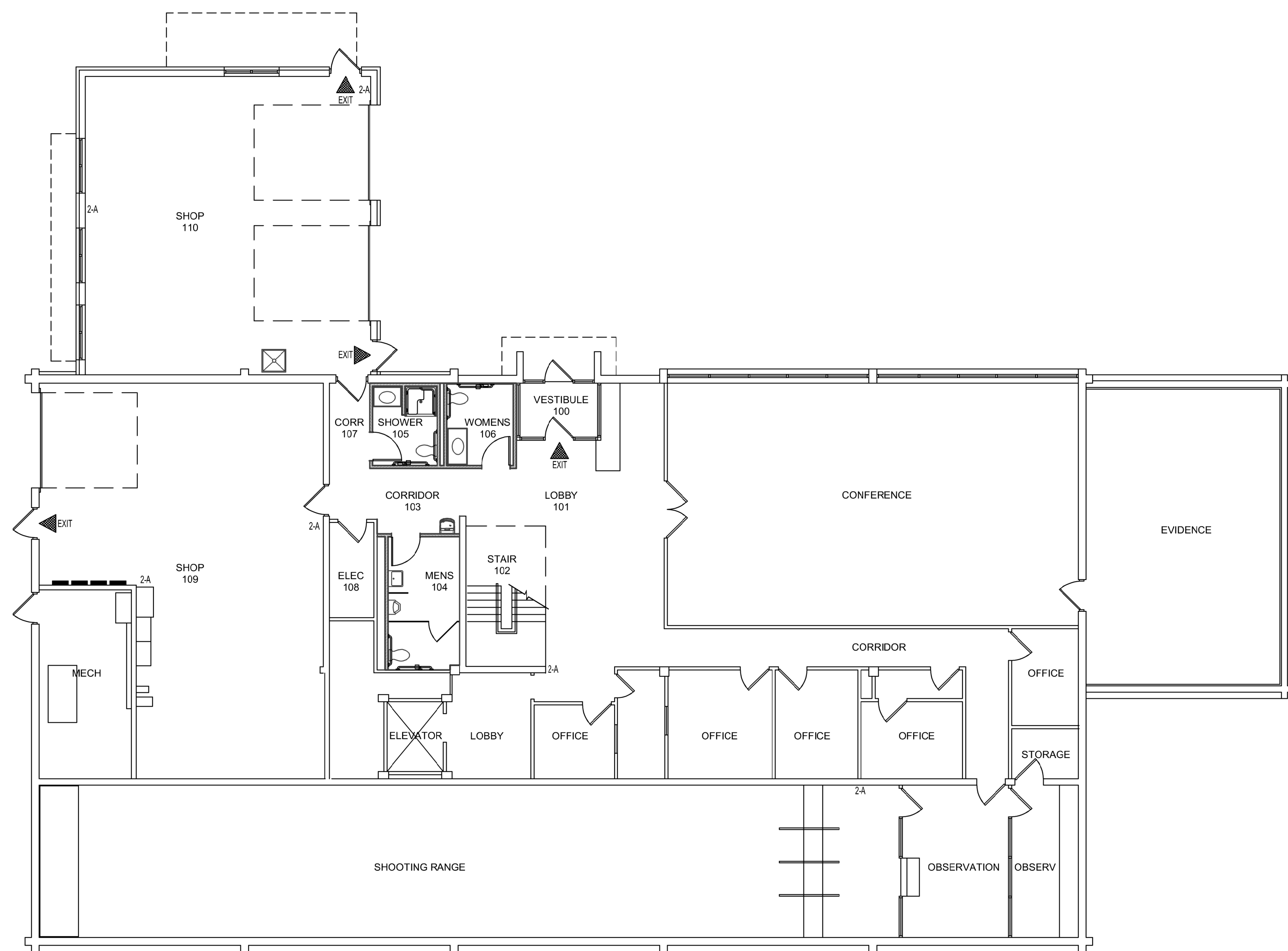
SHEET NUMBER:  
**A-100**

GENERAL NOTES - CODE PLAN:

- A. INFORMATION SHOWN ON THE PLAN FOR THE EXISTING BUILDING HAS BEEN REPRODUCED FROM EXISTING DRAWINGS & FIELD MEASURING FOR ARCHITECTURAL WORK ONLY.
- B. PROJECT SCOPE OF WORK AS IT RELATES TO BUILDING FOOTPRINT IS FOR INTERIOR RESTROOM RENOVATION ONLY.
- C. BUILDING USE GROUP HAS NOT CHANGED AND IS REVIEWED UNDER EXISTING BUILDING CODE.
- D. BUILDING EXITS AND EGRESS PATHS HAVE NOT BEEN ALTERED. EXISTING EXITS HAVE BEEN IDENTIFIED FOR REFERENCE ONLY.
- E. CONTRACTOR SHALL PROVIDE BOTH ARCHITECT AND AGENCY NOTICE TO SCHEDULE AND CONDUCT OPEN WALL INSPECTIONS PRIOR TO NEW WALL CLOSURE.

LEGEND - CODE PLAN:

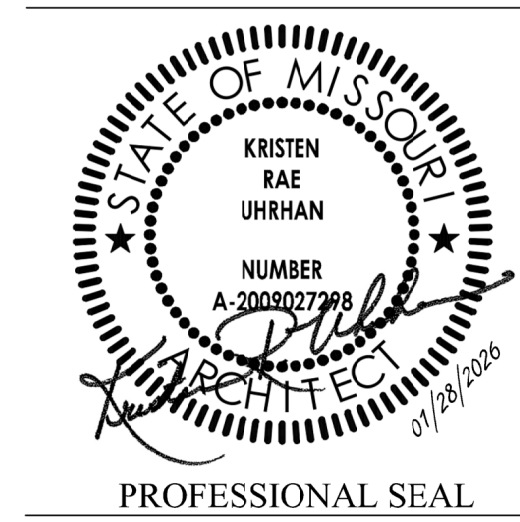
- ◀ DESIGNATED EXIT
- 2A EXISTING FIRE EXTINGUISHER AND/OR CABINET LOCATION



**1** LEVEL 1 - CODE PLAN (REFERENCE ONLY)

1/8"=1'-0"





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POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 01/28/2026

CAD DWG FILE: A-101.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
LEVEL 2  
CODE PLAN  
(REFERENCE ONLY)

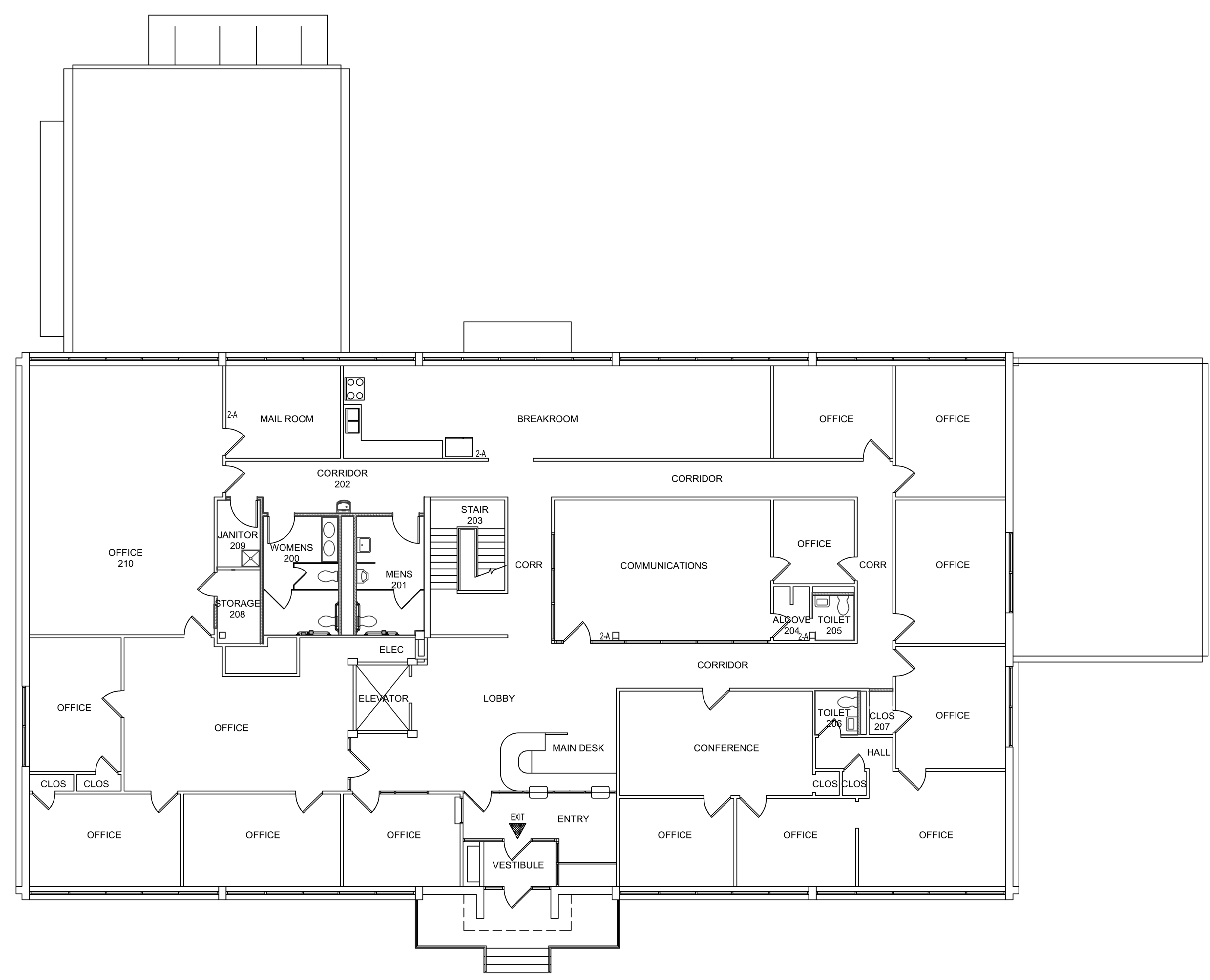
SHEET NUMBER:  
**A-101**

GENERAL NOTES - CODE PLAN:

- A. INFORMATION SHOWN ON THE PLAN FOR THE EXISTING BUILDING HAS BEEN REPRODUCED FROM EXISTING DRAWINGS & FIELD MEASURING FOR ARCHITECTURAL WORK ONLY.
- B. PROJECT SCOPE OF WORK AS IT RELATES TO BUILDING FOOTPRINT IS FOR INTERIOR RESTROOM RENOVATION ONLY.
- C. BUILDING USE GROUP HAS NOT CHANGED AND IS REVIEWED UNDER EXISTING BUILDING CODE.
- D. BUILDING EXITS AND EGRESS PATHS HAVE NOT BEEN ALTERED. EXISTING EXITS HAVE BEEN IDENTIFIED FOR REFERENCE ONLY.
- E. CONTRACTOR SHALL PROVIDE BOTH ARCHITECT AND AGENCY NOTICE TO SCHEDULE AND CONDUCT OPEN WALL INSPECTIONS PRIOR TO NEW WALL CLOSURE.

LEGEND - CODE PLAN:

- ◀ DESIGNATED EXIT
- 2A EXISTING FIRE EXTINGUISHER AND/OR CABINET LOCATION.



**1** LEVEL 2 - CODE PLAN (REFERENCE ONLY)  
1/8"=1'-0"





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ISSUE DATE: 01/28/2026

CAD DWG FILE: A-200.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
LEVEL 1  
RENOVATION PLAN

SHEET NUMBER:

**A-200**

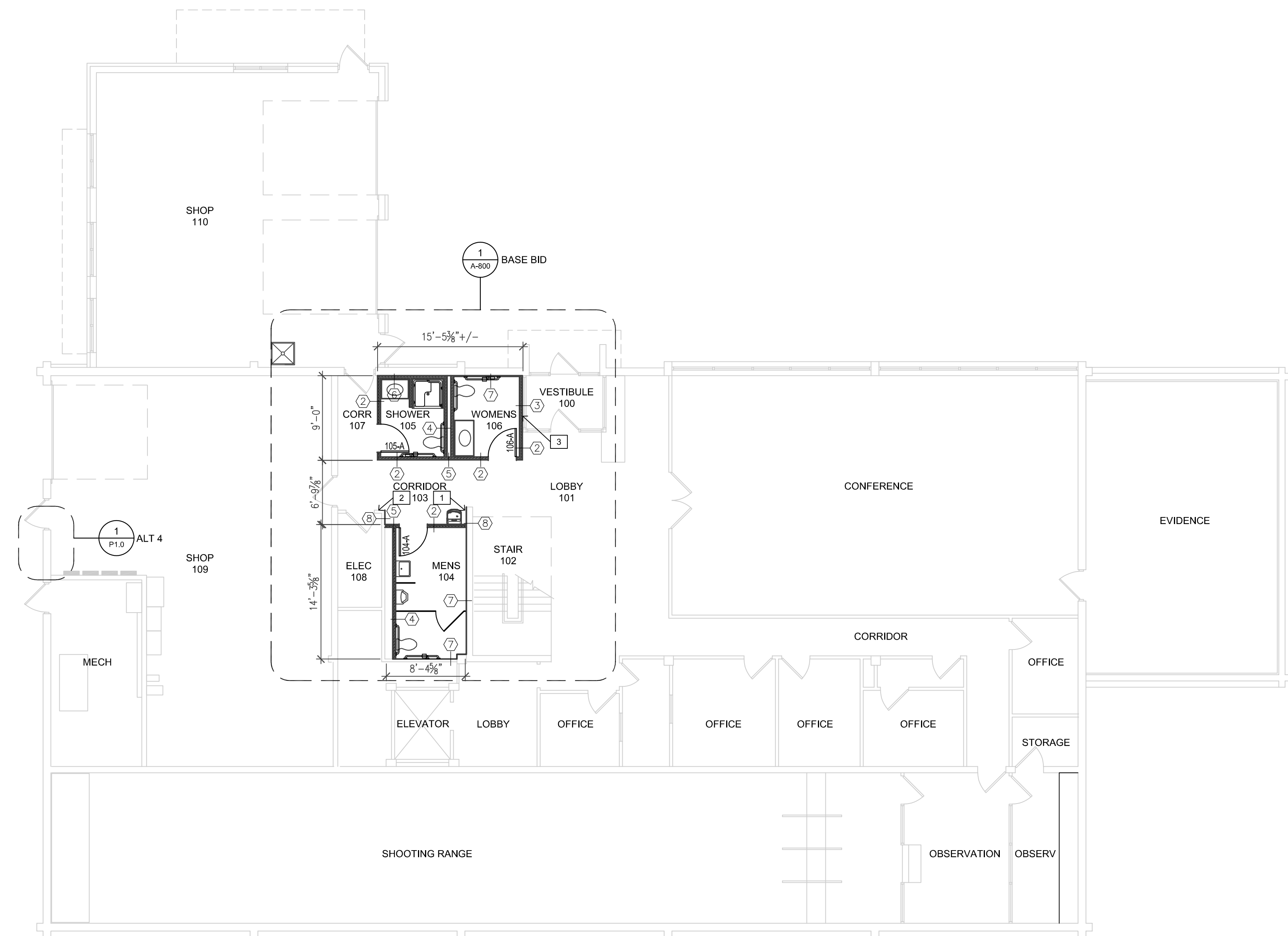
9 OF 35 SHEETS

GENERAL NOTES - RENOVATION PLAN:

- REFERENCE GENERAL NOTES, SHEET G-002, FOR NOTES APPLICABLE TO ENTIRE PROJECT AS A WHOLE.
- REFERENCE DEMOLITION PLANS, SHEETS A-001 AND A-002 FOR COORDINATION WITH NEW WORK EXTENTS.
- GENERAL CONTRACTOR SHALL INSTALL SOLID WOOD BLOCKING AT WALLS AND PARTITIONS AS NECESSARY FOR INSTALLATION OF NEW TOILET PARTITIONS, ACCESSORIES, LOCKERS, ETC. COORDINATE WITH AGENCY.
- REFERENCE MEP DRAWINGS FOR COORDINATION OF OF WORK WITH OTHER DISCIPLINES.
- REFERENCE DETAIL PLANS AND ELEVATIONS, SHEETS A-800 AND A-801. ALSO REFERENCE MEP DRAWINGS.
- REPAIR FLOORS AND WALLS AS REQUIRED FOR NEW FINISHES.
- REPAIR EXISTING WALLS AND FINISHES WHERE EXISTING ELECTRIC WATER COOLERS ARE RELOCATED. WHERE REQUIRED, CLEAN, PRIME AND PAINT AT DISTURBED AREAS TO NEAREST ADJACENT / PERPENDICULAR WALL.
- WHERE NEW CONCRETE IS REQUIRED FOR TRENCHED AREAS FOR PLUMBING, REFERENCE TYPICAL DETAIL FOR CONCRETE.
- EXISTING CEILING TILE AND GRID IS NEW. REMOVE AS REQUIRED FOR NEW SCOPE OF WORK. EXISTING TO BE REUSED AND MODIFIED AS NECESSARY FOR NEW LAYOUT. REFERENCE MEP DRAWINGS FOR EXISTING LIGHT FIXTURES AND CEILING DEVICES TO BE RE-USED.

KEYED NOTES - RENOVATION PLAN:

- FINISH NEW WALL TO EXISTING CORNER AND PROVIDE CLEAN TERMINATION.
- PROVIDE NEW PAINT FINISH THIS WALL TO ADJACENT CMU WALL.
- EXISTING VESTIBULE TO REMAIN. TAKE CARE NOT TO DAMAGE ALUMINUM STRUCTURE OR GLAZING.



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





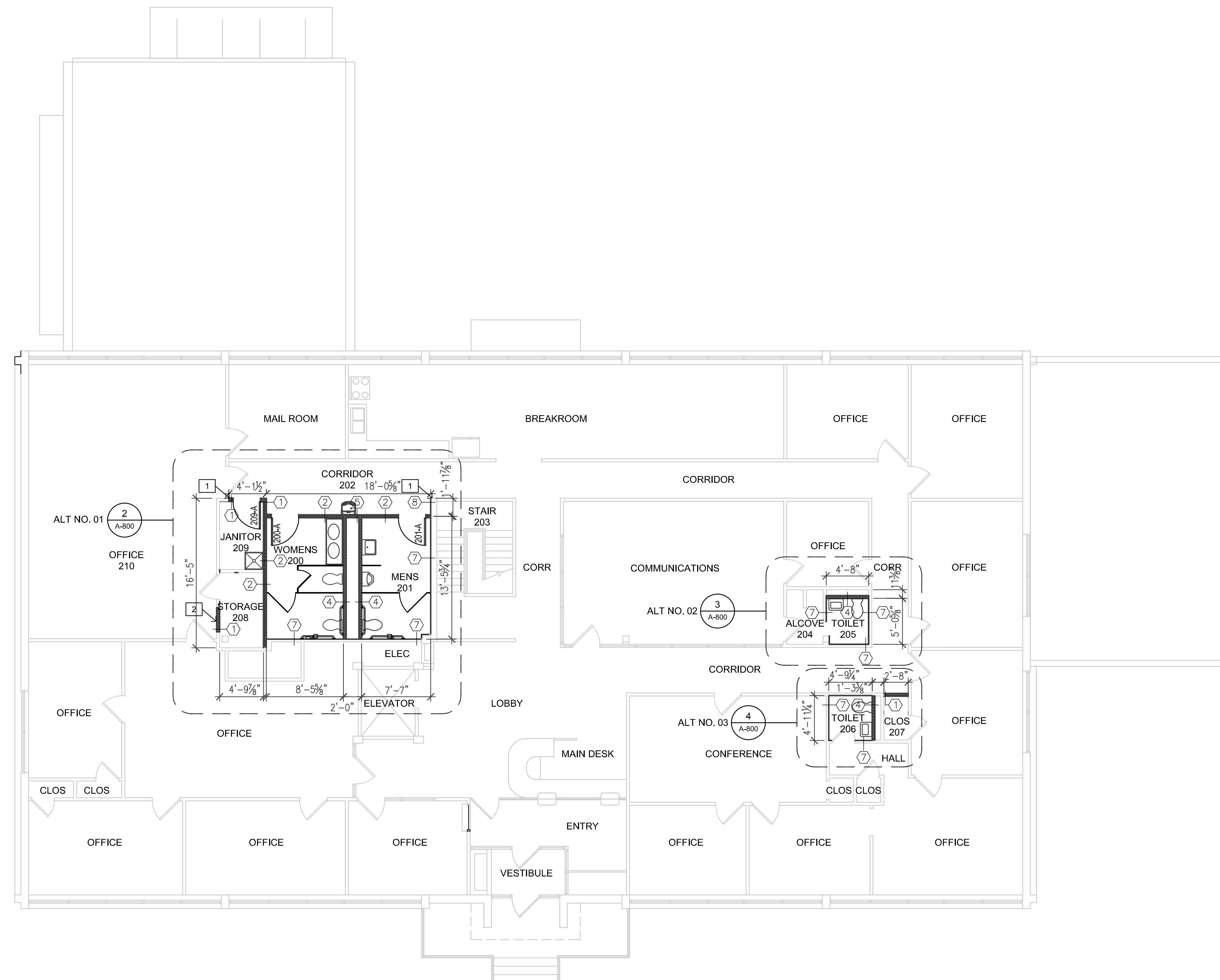
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GENERAL NOTES - RENOVATION PLAN:

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- B. REFERENCE DEMOLITION PLANS, SHEETS A-001 AND A-002 FOR COORDINATION WITH NEW WORK EXTENTS.
- C. GENERAL CONTRACTOR SHALL INSTALL SOLID WOOD BLOCKING AT WALLS AND PARTITIONS AS NECESSARY FOR INSTALLATION OF NEW TOILET PARTITIONS, ACCESSORIES, LOCKERS, ETC. COORDINATE WITH AGENCY.
- D. REFERENCE MEP DRAWINGS FOR COORDINATION OF OF WORK WITH OTHER DISCIPLINES.
- E. REFERENCE DETAIL PLANS AND ELEVATIONS, SHEETS A-800 AND A-801. ALSO REFERENCE MEP DRAWINGS.
- F. REPAIR FLOORS AND WALLS AS REQUIRED FOR NEW FINISHES.
- G. REPAIR EXISTING WALLS AND FINISHES WHERE EXISTING ELECTRIC WATER COOLERS ARE RELOCATED. WHERE REQUIRED, CLEAN, PRIME AND PAINT AT DISTURBED AREAS TO NEAREST ADJACENT / PERPENDICULAR WALL.
- H. WHERE NEW CONCRETE IS REQUIRED FOR TRENCHED AREAS FOR PLUMBING, REFERENCE TYPICAL DETAIL FOR CONCRETE.
- I. EXISTING CEILING TILE AND GRID IS NEW. REMOVE AS REQUIRED FOR NEW SCOPE OF WORK. EXISTING TO BE REUSED AND MODIFIED AS NECESSARY FOR NEW LAYOUT. REFERENCE MEP DRAWINGS FOR EXISTING LIGHT FIXTURES AND CEILING DEVICES TO BE RE-USED.

KEYED NOTES - RENOVATION PLAN:

- 1. FINISH NEW WALL TO EXISTING CORNER AND PROVIDE CLEAN TERMINATION.
- 2. AT OPENING INFILL PROVIDE NEW PAINT FINISH FROM CORNER TO CORNER FOR COMPLETE FINISH.



1 LEVEL 2 - RENOVATION PLAN  
1/8"=1'-0"



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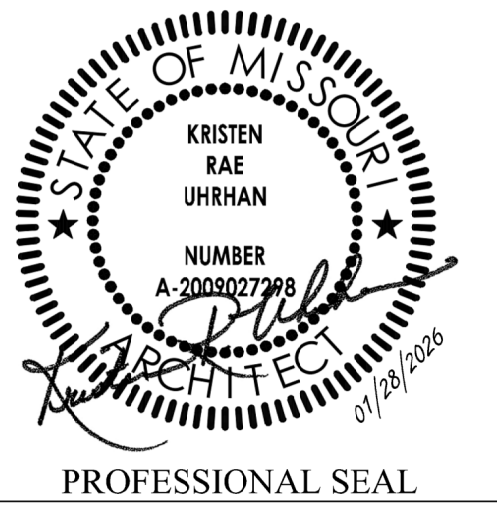
PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 01/28/2026

CAD DWG FILE: A-201.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
LEVEL 2  
RENOVATION PLAN

SHEET NUMBER:  
**A-201**



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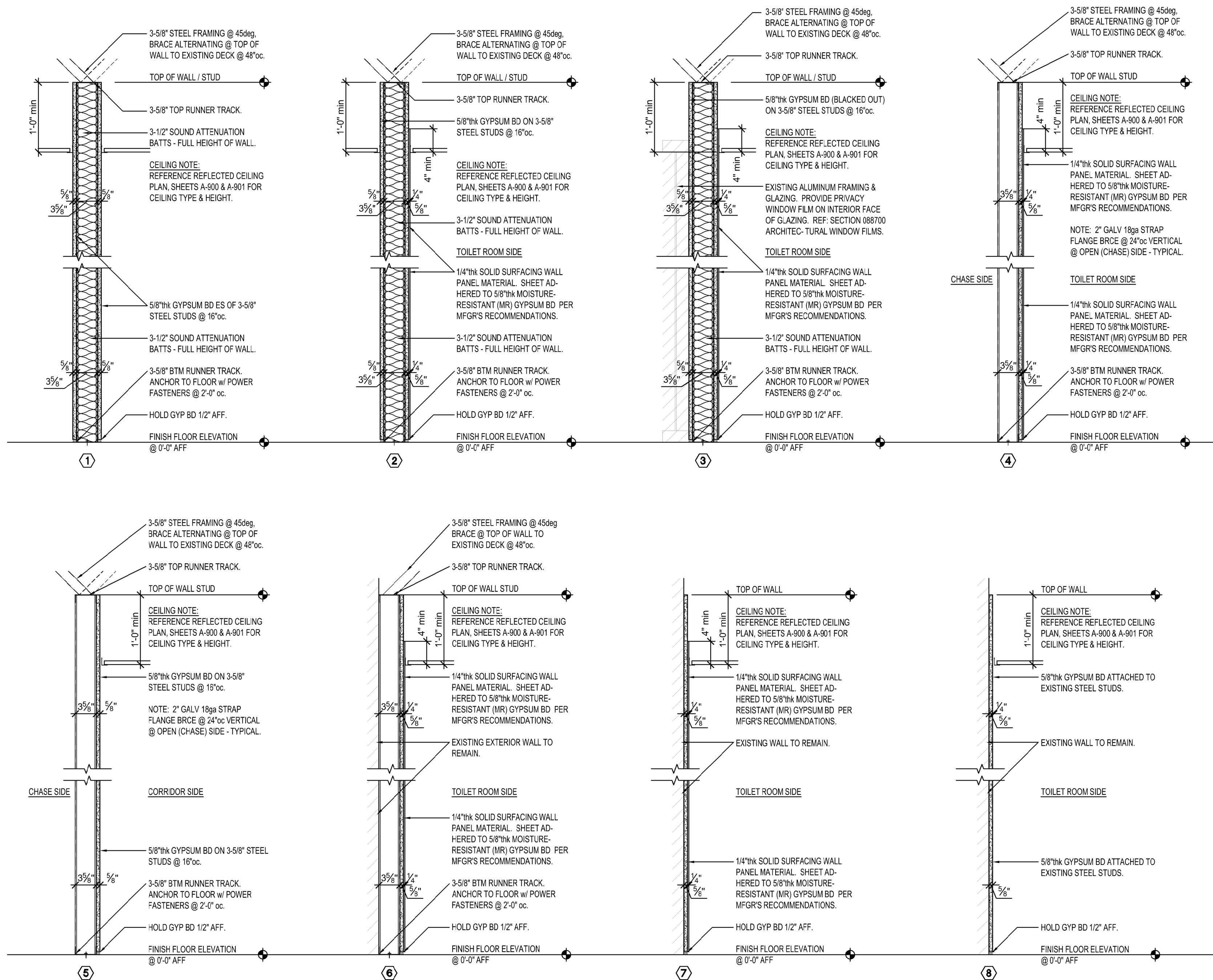
PROJECT # R2520-01  
SITE # 6006  
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BUILDING # 8136006005

REVISION: \_\_\_\_\_  
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DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 01/28/2026

CAD DWG FILE: A-700.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
INTERIOR WALL  
PARTITION TYPES

SHEET NUMBER:  
**A-700**



**1 INTERIOR WALL PARTITION TYPES**

1"=1'-0"



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PROJECT # R2520-01  
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BUILDING # 8136006005

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DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 01/28/2026

CAD DWG FILE: A-701.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
SCHEDULES &  
DETAILS

SHEET NUMBER:  
**A-701**

**ROOM FINISH SCHEDULE**

BASE BID:							
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	REMARKS
100	VESTIBULE	EXISTING / NO WORK	EXISTING / NO WORK	ARCHITECTURAL WINDOW FILM APPLIED TO EXISTING EAST INTERIOR GLAZING @ NEW WALL	EXISTING / NO WORK	-	[2]
101	LOBBY	REFERENCE DEMO	REFERENCE DEMO	EXISTING / NO WORK	EXISTING / NO WORK	-	[2]
102	STAIR	EXISTING / NO WORK	EXISTING / NO WORK	EXISTING / NO WORK	EXISTING / NO WORK	-	[2]
103	CORRIDOR	MODULAR CARPET TILE	VINYL WALL BASE	GYPSON BOARD / PAINT	EXISTING - REWORK	-	[7]
104	MENS	RESINOUS FLOORING	6" HIGH RESINOUS INTEGRAL BASE	GYPSON BOARD w/ SOLID SURFACE PANELS	SUSPENDED CEILING 2x2	9'-0" AFF	[1], [3]
105	SHOWER	RESINOUS FLOORING	6" HIGH RESINOUS INTEGRAL BASE	GYPSON BOARD w/ SOLID SURFACE PANELS	SUSPENDED CEILING 2x2	9'-0" AFF	[1], [4]
106	WOMENS	RESINOUS FLOORING	6" HIGH RESINOUS INTEGRAL BASE	GYPSON BOARD w/ SOLID SURFACE PANELS	SUSPENDED CEILING 2x2	9'-0" AFF	[1], [3]
107	CORRIDOR	EXISTING / NO WORK	EXISTING / NO WORK	EXISTING / NO WORK	EXISTING / NO WORK	-	[2]
108	ELEC	EXISTING / NO WORK	EXISTING / NO WORK	EXISTING / NO WORK	EXISTING / NO WORK	-	[2]
109	SHOP	EXISTING / NO WORK	EXISTING / NO WORK	EXISTING / NO WORK	EXISTING / NO WORK	-	[2]
110	SHOP	EXISTING / NO WORK	EXISTING / NO WORK	EXISTING / NO WORK	EXISTING / NO WORK	-	[2]
ALTERNATE NO. 01							
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	REMARKS
200	WOMENS	RESINOUS FLOORING	6" HIGH RESINOUS INTEGRAL BASE	GYPSON BOARD w/ SOLID SURFACE PANELS	SUSPENDED CEILING 2x2	9'-0" AFF	[1], [3]
201	MENS	RESINOUS FLOORING	6" HIGH RESINOUS INTEGRAL BASE	GYPSON BOARD w/ SOLID SURFACE PANELS	SUSPENDED CEILING 2x2	9'-0" AFF	[1], [3]
202	CORRIDOR	MODULAR CARPET TILE	VINYL WALL BASE	GYPSON BOARD / PAINT	EXISTING - REWORK	-	[7]
203	STAIR	EXISTING / NO WORK	VINYL WALL BASE	EXISTING / NO WORK	EXISTING / NO WORK	-	
208	STORAGE	EXISTING TO REMAIN	VINYL WALL BASE	GYPSON BOARD / PAINT	EXISTING - REWORK	-	
209	JANITOR	EXISTING TO REMAIN	VINYL WALL BASE	GYPSON BOARD / PAINT	EXISTING - REWORK	-	
210	OFFICE	EXISTING TO REMAIN	VINYL WALL BASE	GYPSON BOARD / PAINT	EXISTING / NO WORK	-	[5]
ALTERNATE NO. 02							
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	REMARKS
204	ALCOVE	EXISTING / NO WORK	EXISTING / NO WORK	EXISTING / NO WORK	EXISTING / NO WORK	-	
205	TOILET	EXISTING RESINOUS FLOOR	VINYL WALL BASE	GYPSON BOARD w/ SOLID SURFACE PANELS	EXISTING - REWORK	8'-0" AFF	[6]
ALTERNATE NO. 03							
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	CEILING HEIGHT	REMARKS
206	TOILET	EXISTING RESINOUS FLOOR	6" HIGH RESINOUS INTEGRAL BASE	GYPSON BOARD w/ SOLID SURFACE PANELS	EXISTING - REWORK	8'-0" AFF	
207	CLOSET	RESINOUS FLOORING	NONE	GYPSON BOARD / PAINT	EXISTING - REWORK	-	

**FINISH REMARKS:**

[1] EXISTING FINISHES AND WALLS TO BE DEMO'D TO EXTENTS INDICATED ON THE PLANS AND REQUIRED FOR NEW WORK. CONCRETE SLABS TO BE SAWCUT AS REQUIRED FOR NEW UNDERSLAB PLUMBING PIPING AND REPAIRED ACCORDINGLY. PROVIDE FLOOR LEVELER AS REQUIRED FOR NEW RESINOUS FINISH.

[2] EXISTING SPACE - NO WORK REQUIRED EXCEPT FILM ADDED TO EXISTING GLAZING. IF AREA IS DISTURBED BY DEMO WORK, REPAIR AS REQUIRED TO RESTORE TO ORIGINAL CONDITIONS.

[3] 5/8" MOISTURE-RESISTANT GYPSON BOARD (ALL TOILET ROOM WALLS)

[4] 5/8" MOISTURE-RESISTANT GYPSON BOARD AT CEILING.

[5] NEW PAINT FINISH AT DOOR/FRAME INFILL. PROVIDE NEW FINISH FULL WALL, CORNER-TO-CORNER.

[6] PROVIDE EDGE TRIM AT EXISTING JAMBS/HEAD FOR NEW SOLID SURFACE PANELS FOR CLEAN TERMINATION.

[7] EXTENTS OF NEW WORK BASED ON DEMOLITION. REWORK AND REUSE EXISTING WHERE POSSIBLE. WHERE NEW, MATCH EXISTING AND TRANSITION @ NEAREST CORNER, JOINT OR CHANGE.

**GENERAL FINISH NOTES:**

A REFER TO THE REFLECTED CEILING PLANS FOR LOCATION AND TREATMENT OF HEADWALLS, FURRED CEILING, EXPANSION JOINTS. NOT NOTED IN SCHEDULE.

B PROVIDE TRANSITION STRIPS BETWEEN FLOORING AND OTHER TRANSITIONS.

C REFER TO THE DOOR, OPENING & FRAME SCHEDULE FOR FINISH OF DOORS, FRAME AND TRIM.

D HEADWALLS, FURRED CEILING, ETC. TO BE PAINTED TO MATCH ADJACENT WALLS.

**DOOR, OPENING, AND FRAME SCHEDULE**

NO	DOOR/OPNG SIZE	D-THK	MATL	D-TYPE	D-FIN	D-HDWR	F-MATL	F-TYPE	F-FIN	LABEL	REMARKS
BASE BID:											
104-A	3'-0"x7'-0"	1-3/4"	WOOD	D-1	PAINT	1	HMF	F-1	PAINT	-	-
105-A	3'-0"x7'-0"	1-3/4"	WOOD	D-1	PAINT	2	HMF	F-1	PAINT	-	-
106-A	3'-0"x7'-0"	1-3/4"	WOOD	D-1	PAINT	2	HMF	F-1	PAINT	-	-
200-A	3'-0"x7'-0"	1-3/4"	WOOD	D-1	PAINT	1	HMF	F-1	PAINT	-	-
201-A	3'-0"x7'-0"	1-3/4"	WOOD	D-1	PAINT	1	HMF	F-1	PAINT	-	-
209-A	3'-0"x7'-0"	1-3/4"	WOOD	D-1	PAINT	3	HMF	F-1	PAINT	-	-

**ABBREVIATIONS:**

HMF HOLLOW METAL FRAME

**DOOR, OPENING & FRAME SCHEDULE REMARKS:**

1 NONE

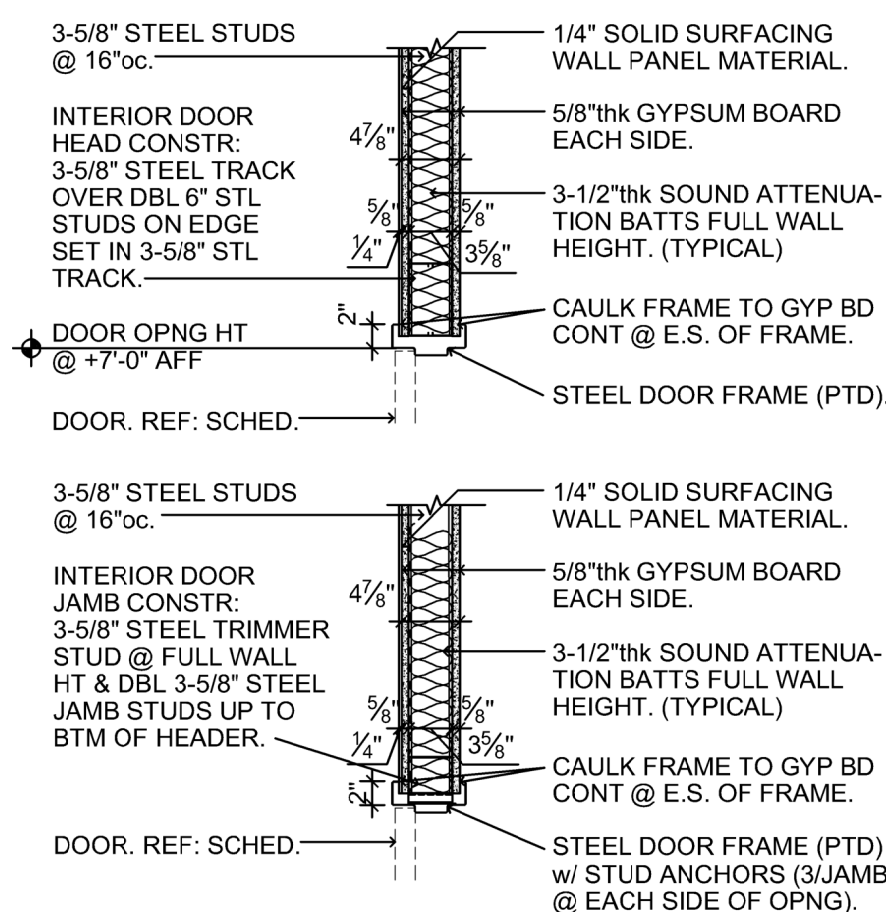
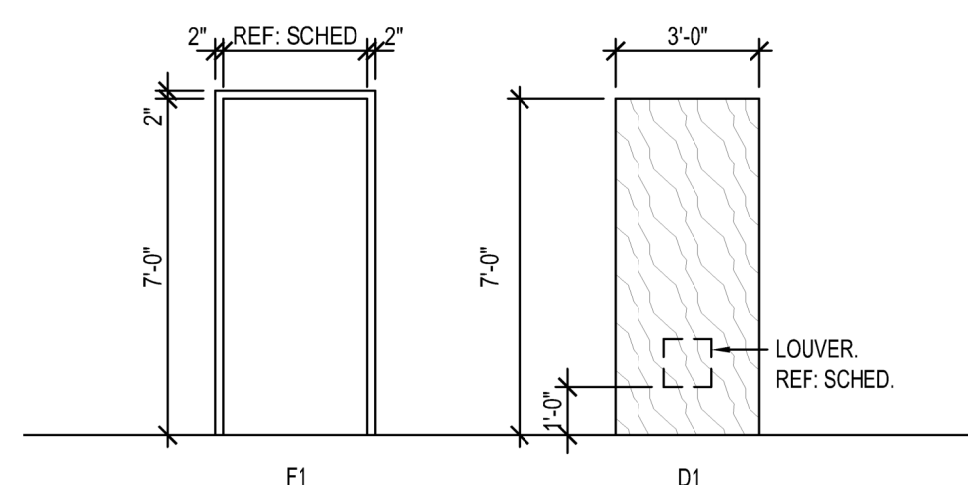
**GENERAL NOTES:**

A. REFERENCE DOOR DETAILS FOR FRAME PROFILE TYPES.

B. REFERENCE MECHANICAL DRAWINGS FOR ANY REFERENCES TO LOUVERS.

C. REFERENCE SPECIFICATIONS FOR DOOR HARDWARE GROUPS.

D. DESIGN INTENT IS FOR DOOR SPECIES AND FINISH TO MATCH EXISTING. SAME FOR OWNER'S HARDWARE STYLE.



**1 DOOR & FRAME SCHEDULE**  
1/4" = 1'-0"

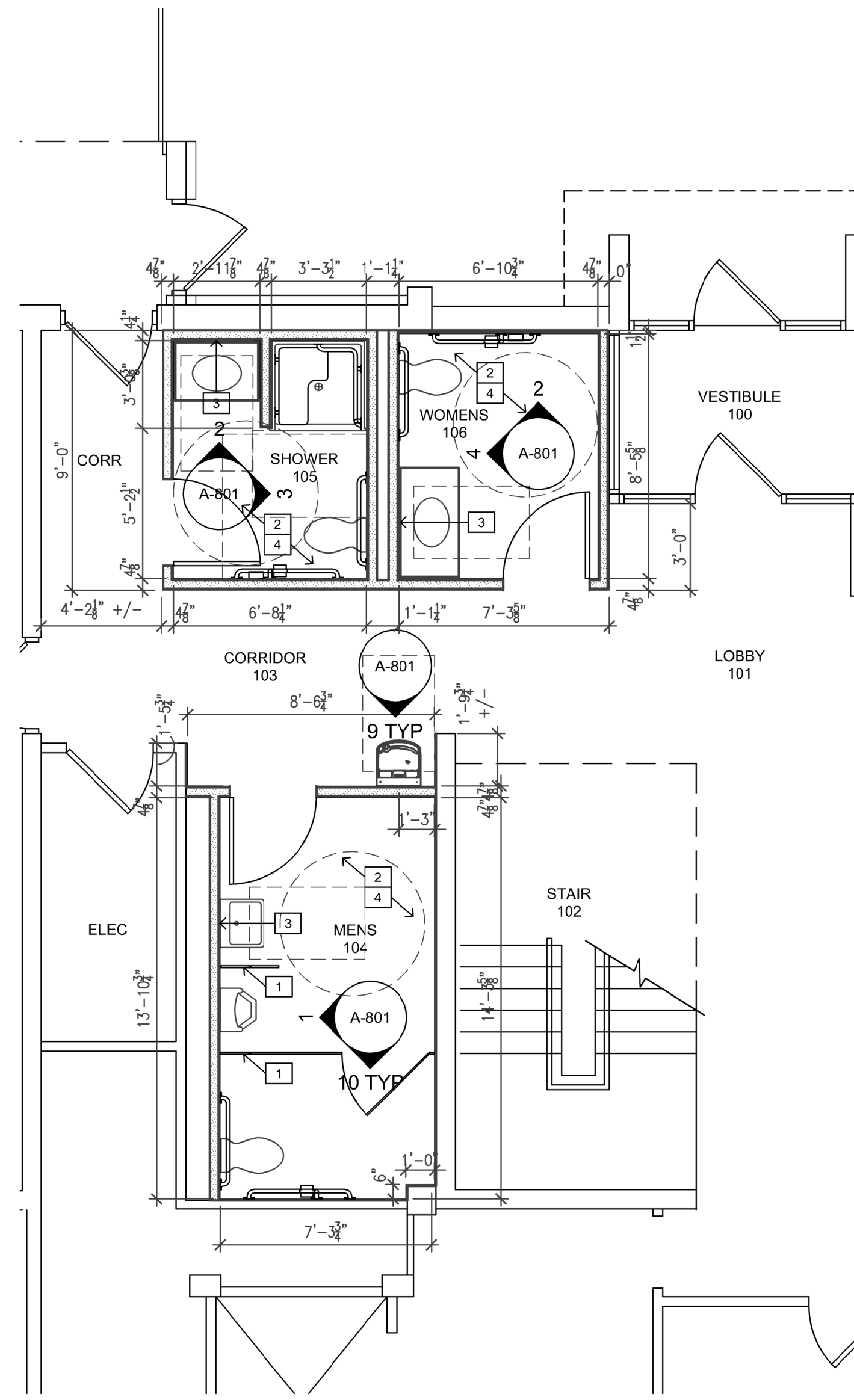
**2 TYPICAL DETAIL**  
1/2" = 1'-0"

**GEN'L NOTES - ROOM FINISH SCHEDULE:**

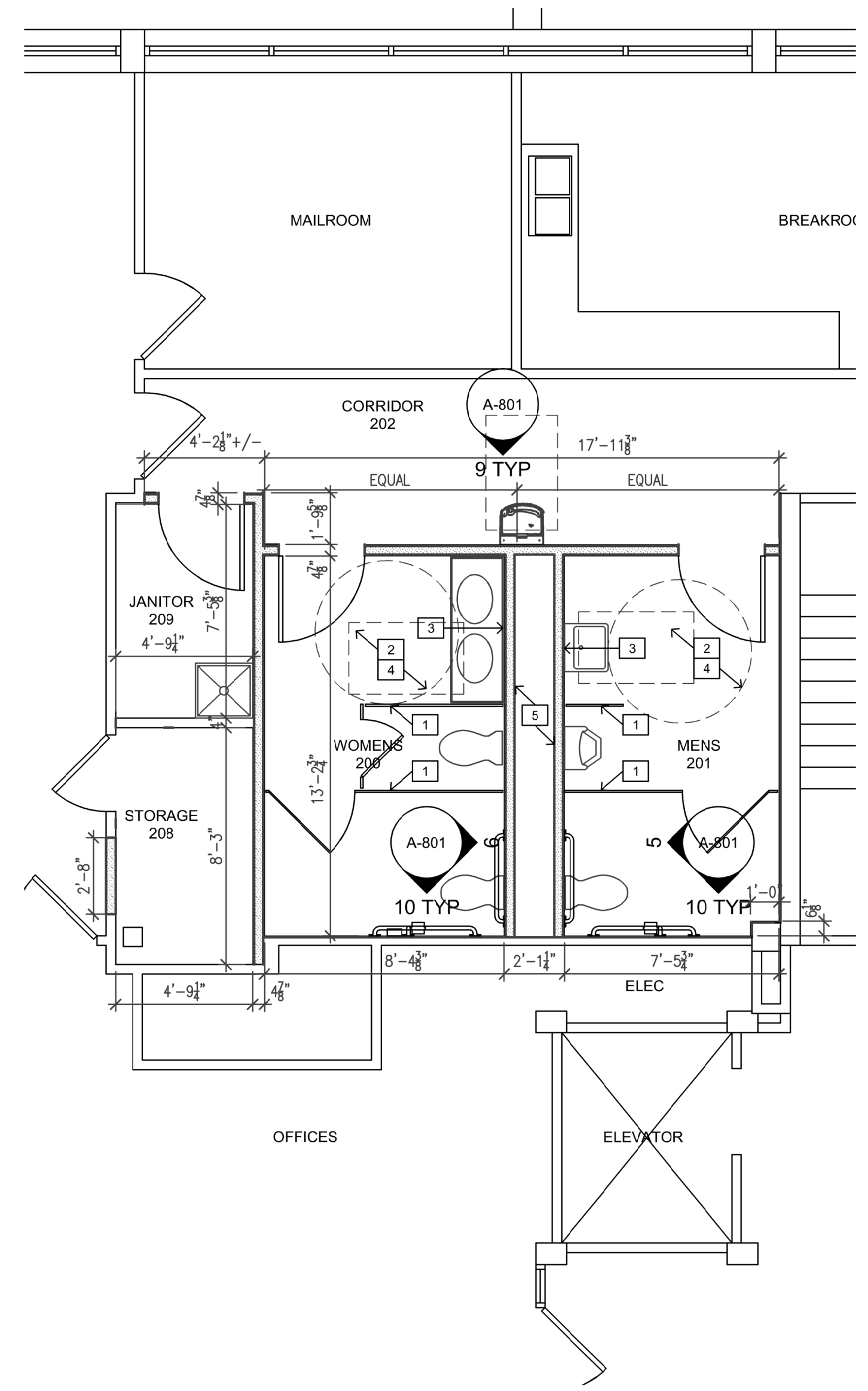
- A. REFER TO THE WALL PARTITION SCHEDULE, SHEET A-700 FOR NEW FINISHES ON EXISTING WALLS WHERE APPLICABLE.
- B. ALL EXISTING SURFACES CALLED FOR NEW PAINT FINISH TO BE PATCHED AS REQUIRED, CLEANED & PREPPED ACCORDINGLY.
- C. REFER TO THE REFLECTED CEILING PLAN, SHEETS A-900 & A-901 FOR LOCATIONS & TREATMENT OF HEADWALLS, FURRED CEILING, EXPANSION JOINTS, NOT NOTED IN SCHEDULE.
- D. REFER TO THE DOOR, OPENING & FRAME SCHEDULE FOR FINISH OF DOORS, FRAME & TRIM.
- E. PROVIDE TRANSITION STRIPS BETWEEN FLOORING TYPES & OTHER TRANSITIONS. ALSO REFERENCE FLOOR FINISH PLANS, SHEETS A-902 AND A-903.
- F. CAULK CONTINUOUS ALL VERTICAL JOINTS OF NEW GYPSON BOARD WALLS PERPENDICULAR TO EXISTING CMU WALLS.
- G. OPEN-ENDED STUD WALLS TO BE FINISHED. RETURN GYPSON BOARD & WALL BASE AROUND END FOR CONTINUOUS FINISH.
- H. PROVIDE CORNER TRIM & EDGE TRIM TYPICAL AT GYPSON BOARD.
- I. PROVIDE CONTROL JOINT IN GYPSON BOARD CEILING AS REQUIRED BY GYPSON BOARD MANUFACTURER.
- J. HEADWALLS, FURRED CEILING, ETC. TO BE PAINTED TO MATCH ADJACENT WALLS.

**GEN'L NOTES - DOOR, FRAME & OPNGS:**

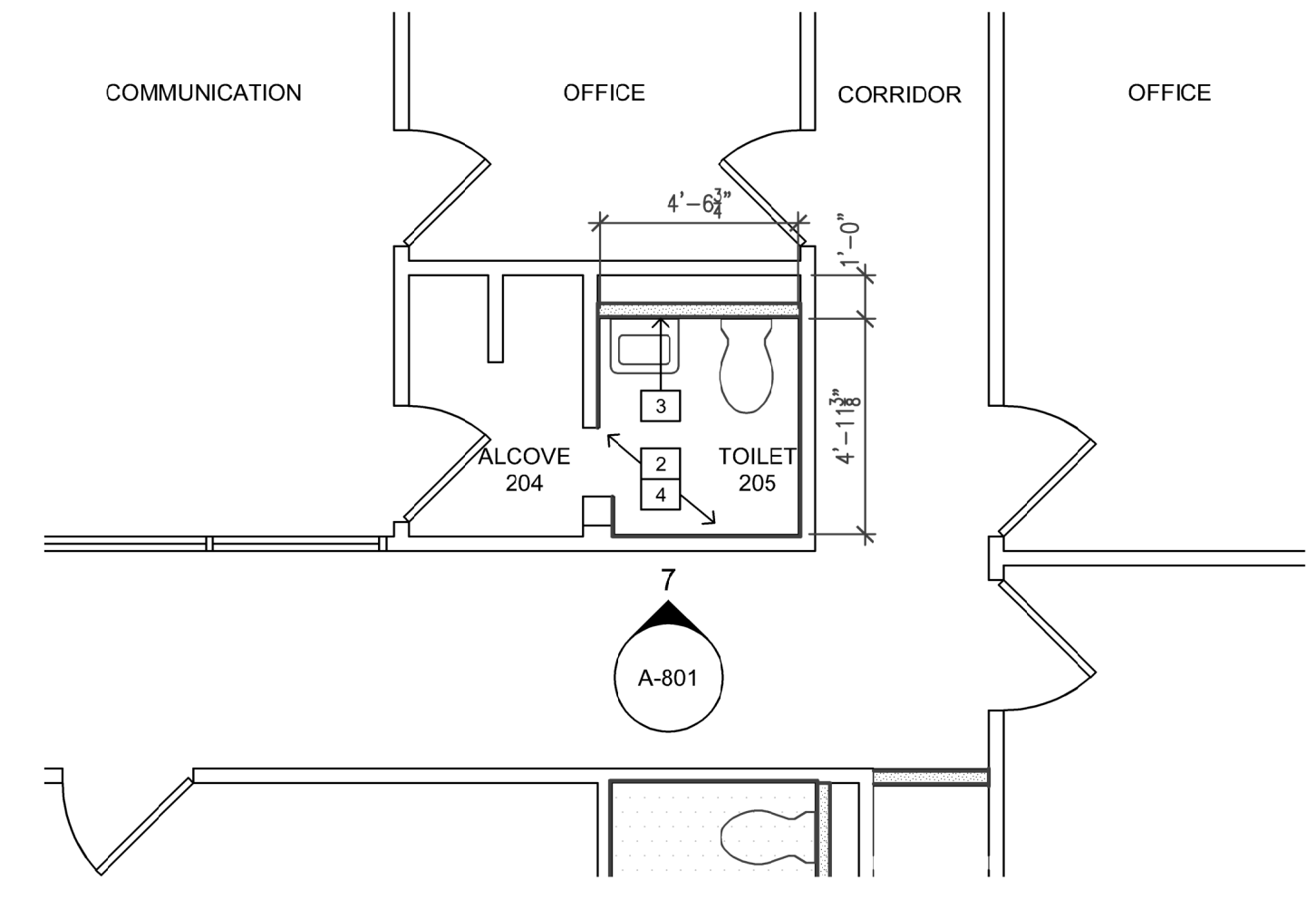
- A. SEVERAL EXISTING DOORS, FRAMES & HARDWARE ARE TO REMAIN. CONTRACTOR TO FIELD VERIFY QUANTITIES, TYPES & CONDITIONS.
- B. REFERENCE DOOR & FRAME TYPES, THIS SHEET.
- C. REFERENCE DOOR DETAILS FOR FRAME PROFILES.
- D. REFERENCE PROJECT MANUAL FOR HARDWARE DESCRIPTIONS.
- E. CAULK PERIMETER OF ALL FRAMES (EXISTING & NEW) TO ADJACENT WALLS.
- F. PAINT EXISTING EXPOSED STEEL LINTEL PLATES & ANY PERIMETER FRAME ANGLES.
- G. DOOR STAIN & FRAME PAINT COLOR SELECTION BY OWNER.



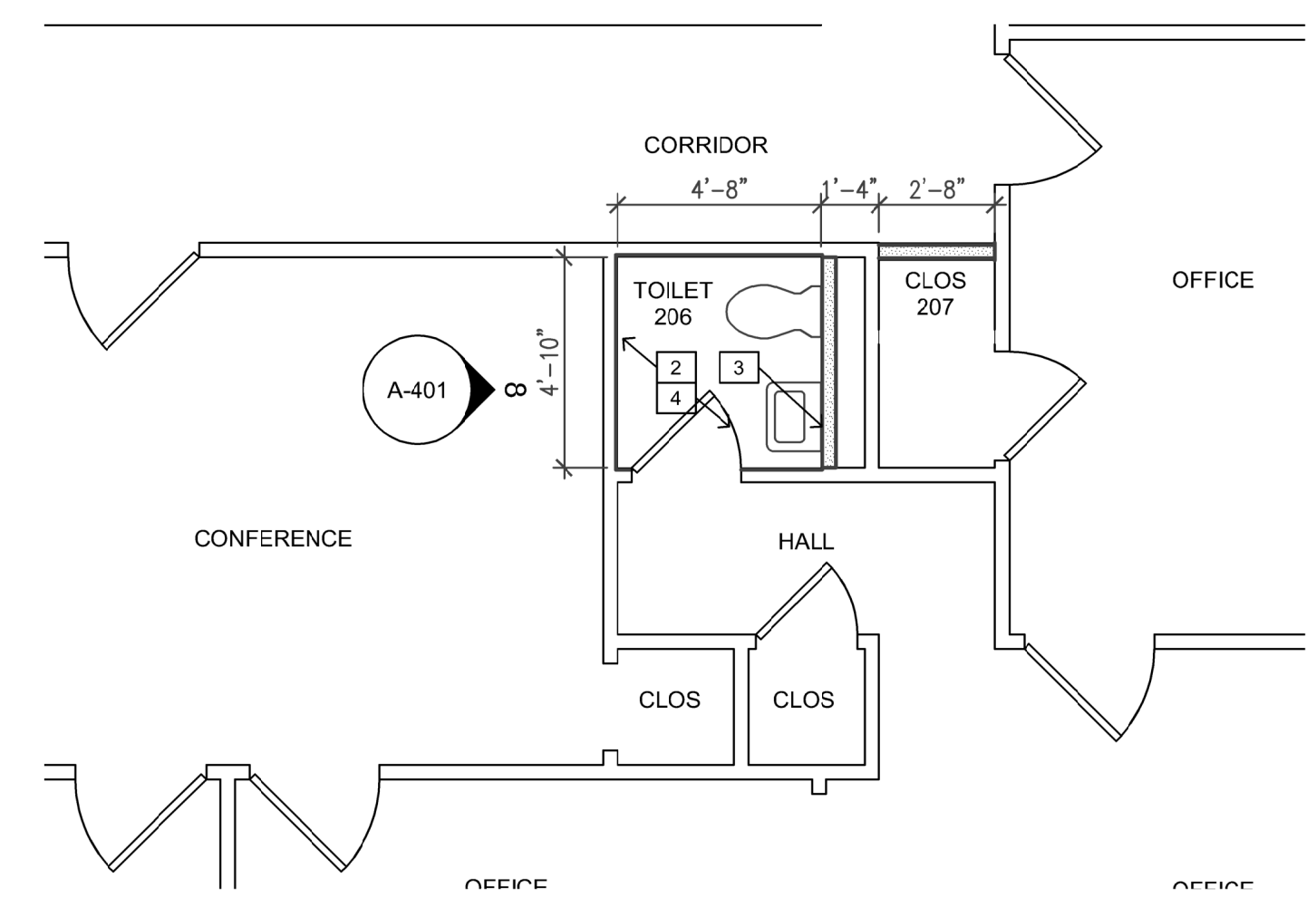
**1** DETAIL PLAN - LEVEL 1 (BASE BID)  
1/4"=1'-0"



**2** DETAIL PLAN - LEVEL 2 (ALTERNATE NO. 01)  
1/4"=1'-0"



**3** DETAIL PLAN - LEVEL 2 (ALTERNATE NO. 02)  
1/4"=1'-0"



**4** DETAIL PLAN - LEVEL 2 (ALTERNATE NO. 03)  
1/4"=1'-0"

**GENERAL NOTES - DETAIL PLANS / ELEVATIONS:**

- A. GENERAL CONTRACTOR SHALL INSTALL SOLID WOOD BLOCKING AT WALLS AND PARTITIONS AS NECESSARY FOR INSTALLATION OF TOILET PARTITIONS. ACCESSORIES, LOCKERS, ETC. COORDINATE WITH AGENCY.
- B. REFER TO SHEET G-002 FOR TYPICAL GENERAL NOTES.
- C. REFER TO SHEET A-801 FOR CORRESPONDING DETAIL ELEVATIONS.
- D. PROVIDE SHOWER ACCESSORIES PER SPECIFICATIONS. PROVIDE BLOCKING AS REQUIRED.
- E. REFERENCE MEP DRAWINGS FOR NEW CLEANOUTS, PLUMBING FIXTURES, ETC.
- F. ELECTRIC WATER COOLERS ARE EXISTING TO BE REMOVED, CAPPED, AND RELOCATED WITH NEW PLUMBING. REFERENCE MEP DRAWINGS.
- G. PROVIDE ADA COMPLIANT LAVATORY GUARD AT EACH LAVATORY SUPPLY AND WASTE LINES (TYPICAL).
- H. PROVIDE ADA COMPLIANT LAVATORY GUARD AT EACH LAVATORY SUPPLY AND WASTE LINES.
- I. WHERE REQUIRED FOR NEW PLUMBING, INSTALL 4" THICK CONCRETE OVER VAPOR BARRIER OVER 4" OF COMPACTED BASE AT FLOOR INFILL AREAS DEMOLISHED FOR PLUMBING LINE INSTALLATION. DRILL-IN AND EPOXY #4X12" DOWELS AT 24" O.C. AT PERIMETER OF OPENING. COORDINATE WITH RESINOUS FLOORING MANUFACTURER FOR FINISH REQUIREMENTS AND EDGE TREATMENTS AT EXISTING SLAB. REF: DETAIL 2, SHEET A-802. REF: PLUMBING DRAWINGS.

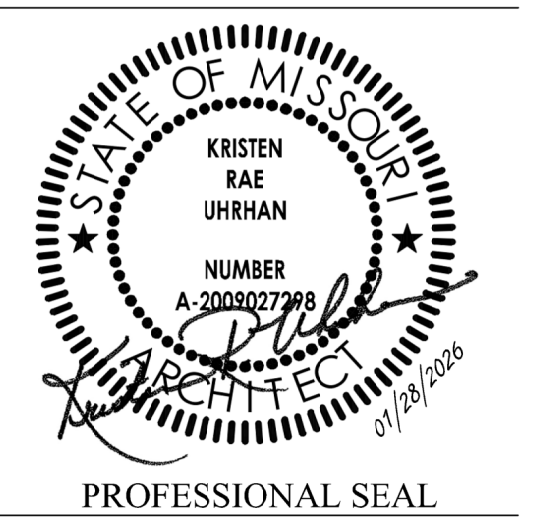
**KEYED NOTES - DETAIL PLANS / ELEVATIONS:**

- 1. HDPE, FLOOR MOUNTED, OVER-HEAD BRACED TOILET PARTITIONS AS SPECIFIED. PROVIDE BLOCKING AS REQUIRED.
- 2. SOLID SURFACE WALL COVERING AS SPECIFIED AND INDICATED ON ROOM FINISH SCHEDULE. PREP WALLS AS RECOMMENDED BY PRODUCT MANUFACTURER.
- 3. WALL MOUNTED LIGHT FIXTURE. REF. ELECTRICAL SHEETS.
- 4. PREP EXISTING CONCRETE SLAB FOR RESINOUS FLOORING. COORDINATE WITH RESINOUS FLOORING MANUFACTURER FOR REQUIREMENTS.
- 5. REUSE EXISTING PLUMBING / SLAB PENETRATIONS WHERE POSSIBLE. COORDINATE ALL NEW OR MODIFIED PENETRATIONS TO AVOID EXISTING CONCRETE TEE.

**ABBREVIATIONS (SHEETS A-800 & A-801 ONLY)**

GBXX	GRAB BAR (LENGTH NOTED) (BY G.C.)
MIR	18"x30" MIRROR (BY G.C.) WITH 5" x 18" S.S. SHELF BELOW (BY G.C.)
PTD	PAPER TOWEL DISPENSER (BY OWNER)
RH	ROBE HOOK (BY G.C.)
SCR	SHOWER CURTAIN ROD (BY G.C.)
SHS	SHOWER SEAT (BY G.C.)
SD	SOAP DISPENSER (BY OWNER)
SND	SANITARY NAPKIN DISPENSER (BY G.C.)
TPD	TOILET PAPER DISPENSER (BY G.C.)

STATE OF MISSOURI  
MIKE KEHOE  
GOVERNOR



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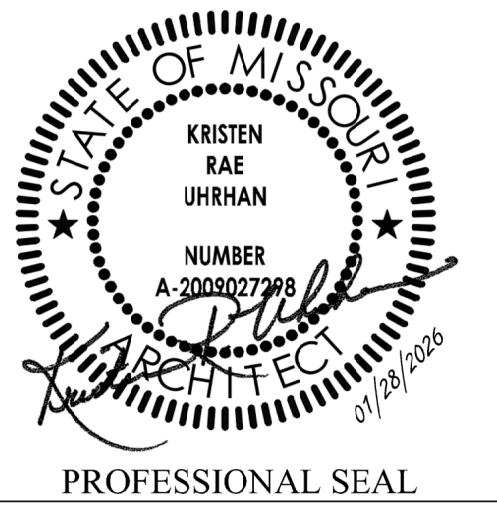
PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION:	_____
DATE:	_____
REVISION:	_____
DATE:	_____
REVISION:	_____
DATE:	_____
ISSUE DATE:	01/28/2026

CAD DWG FILE:	A-800.DWG
DRAWN BY:	KU
CHECKED BY:	KU
DESIGNED BY:	KU

SHEET TITLE:  
**DETAIL PLANS AND  
DETAIL ELEVATIONS**

SHEET NUMBER:  
**A-800**  
13 OF 35 SHEETS



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PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 01/28/2026

CAD DWG FILE: A-801.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
DETAIL PLANS AND  
DETAIL ELEVATIONS

SHEET NUMBER:  
**A-801**

GENERAL FLOOR PLAN NOTES:

A. GENERAL CONTRACTOR SHALL INSTALL SOLID WOOD BLOCKING AT WALLS AND PARTITIONS AS NECESSARY FOR INSTALLATION OF TOILET PARTITIONS, ACCESSORIES, LOCKERS, ETC. COORDINATE WITH AGENCY.

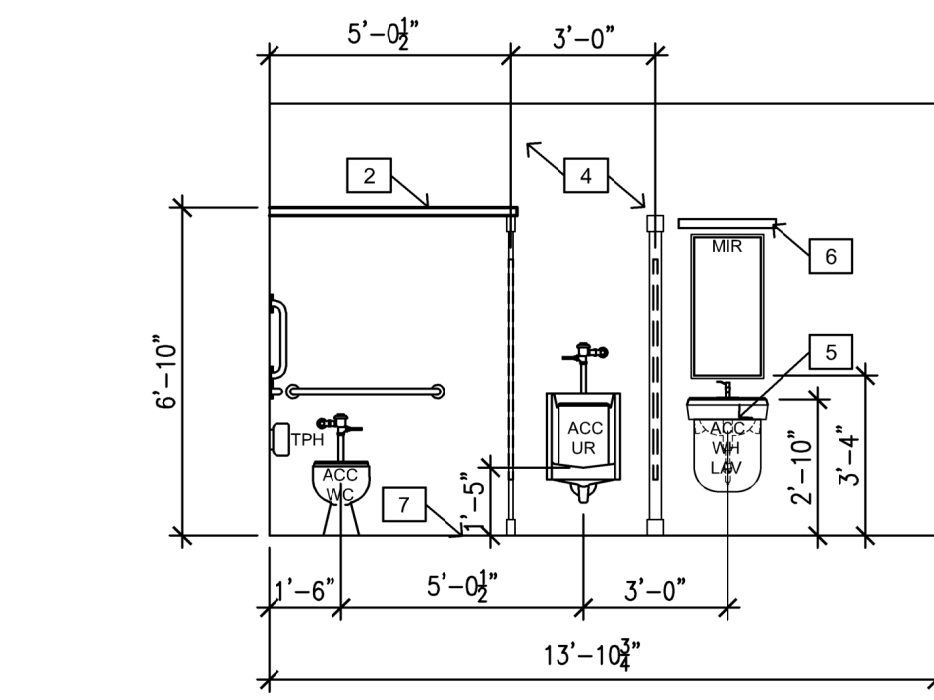
B. REFER TO SHEET G-002 FOR TYPICAL GENERAL NOTES.

KEYED NOTES (ALTERATIONS):

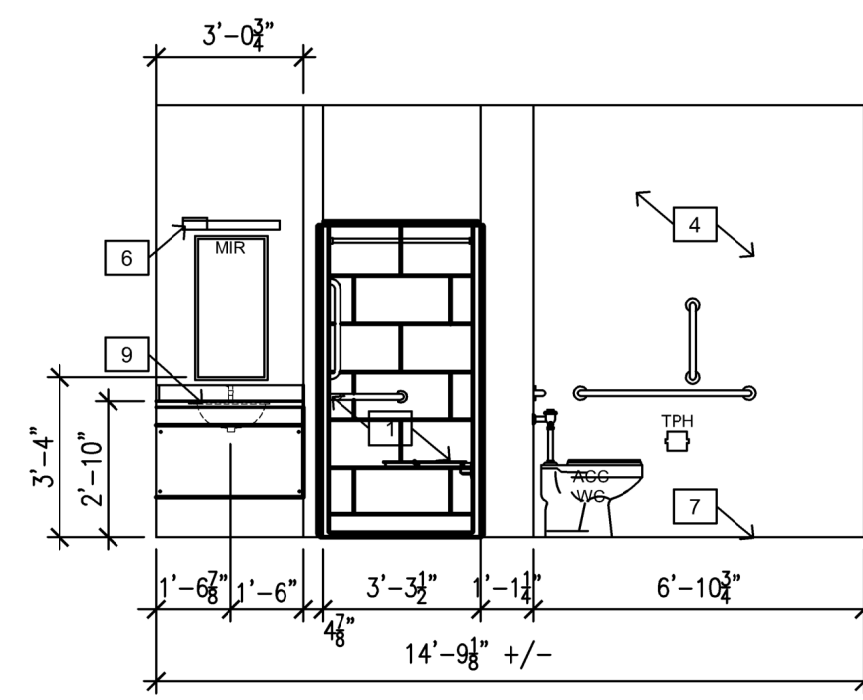
- SHOWER ACCESSORIES PER SPECIFICATIONS. PROVIDE BLOCKING AS REQUIRED.
- FLOOR MOUNTED, OVER-HEAD BRACED FLOOR MOUNTED HDPE TOILET PARTITIONS AS SPECIFIED. PROVIDE BLOCKING AS REQUIRED.
- EXISTING ELECTRIC WATER COOLER RELOCATED. REF: MEP DRAWINGS FOR CONNECTION.
- SOLID SURFACING WALL PANELS FULL HEIGHT OF ROOM AS SPECIFIED. PREP NEW AND EXISTING WALLS AS RECOMMENDED BY PRODUCT MANUFACTURER. TYPICAL AT ALL TOILET AREAS.
- PROVIDE ADA COMPLIANT LAVATORY GUARD AT EACH LAVATORY SUPPLY AND WASTE LINES.
- WALL MOUNTED LIGHT FIXTURE. REF. ELECTRICAL SHEETS.
- PREP EXISTING CONCRETE SLAB FOR RESINOUS FLOORING. COORDINATE WITH RESINOUS FLOORING MANUFACTURER FOR REQUIREMENTS.
- 1/4"XK SOLID SURFACING WALL PANEL MATERIAL BACKSPLASH @ ELECTRIC WATER COOLER, CENTERED. PROVIDE MFG'S STANDARD FINISH TRIM @ ALL EXPOSED EDGES.
- DROP-IN LAV IN SOLID-SURFACE COUNTERTOP AND PLASTIC LAMINATE COVERED LAVATORY CABINET w/ REMOVABLE FRONT PANEL.

ABBREVIATIONS (THIS SHEET ONLY)

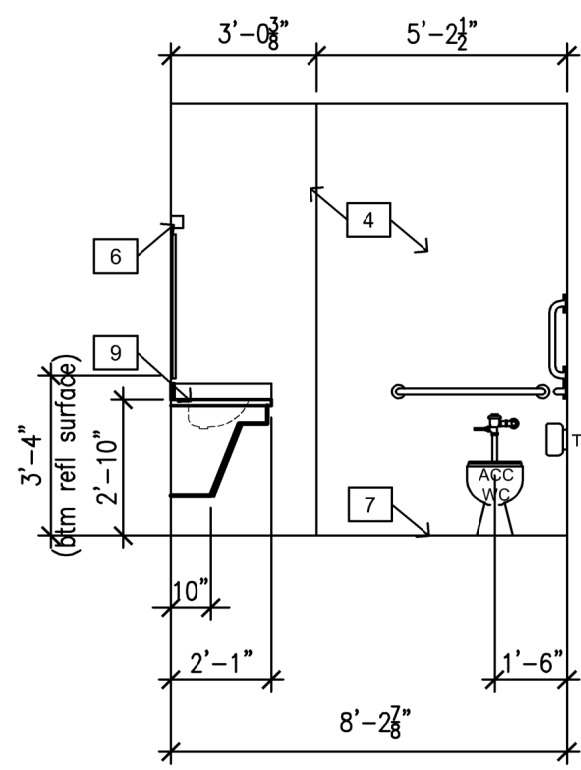
ACC	ACCESSIBLE
EWC	ELECTRIC WATER COOLER
GBXX	GRAB BAR (LENGTH NOTED)
LAV	LAVATORY
MIR	18"x30" MIRROR
PTD	PAPER TOWEL DISPENSER
STD	STANDARD
TPH	TOILET PAPER HOLDER
UR	URINAL
WC	WATER CLOSET
WH	WALL HUNG



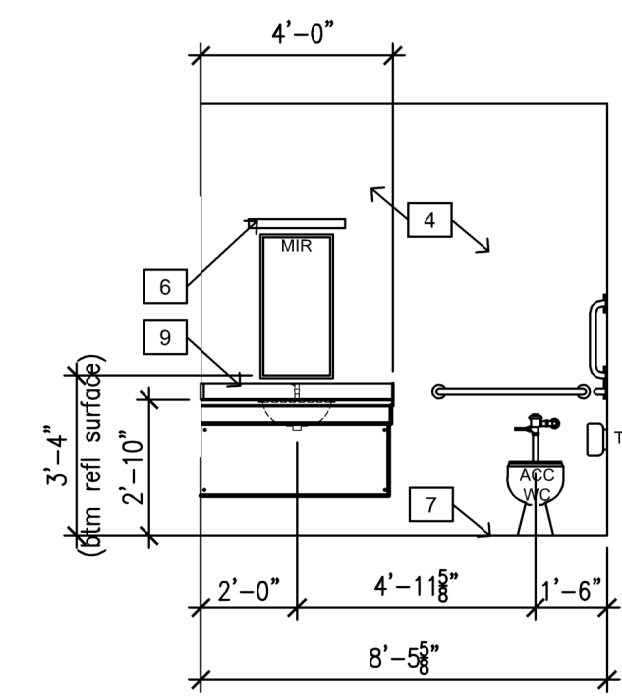
**1** DETAIL ELEVATION  
1/4"=1'-0"



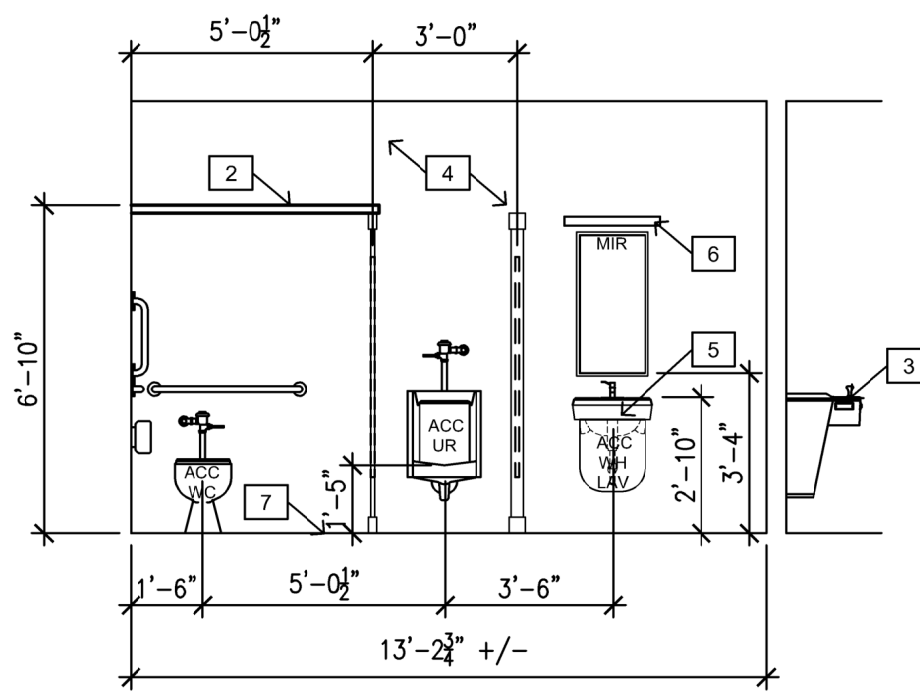
**2** DETAIL ELEVATION  
1/4"=1'-0"



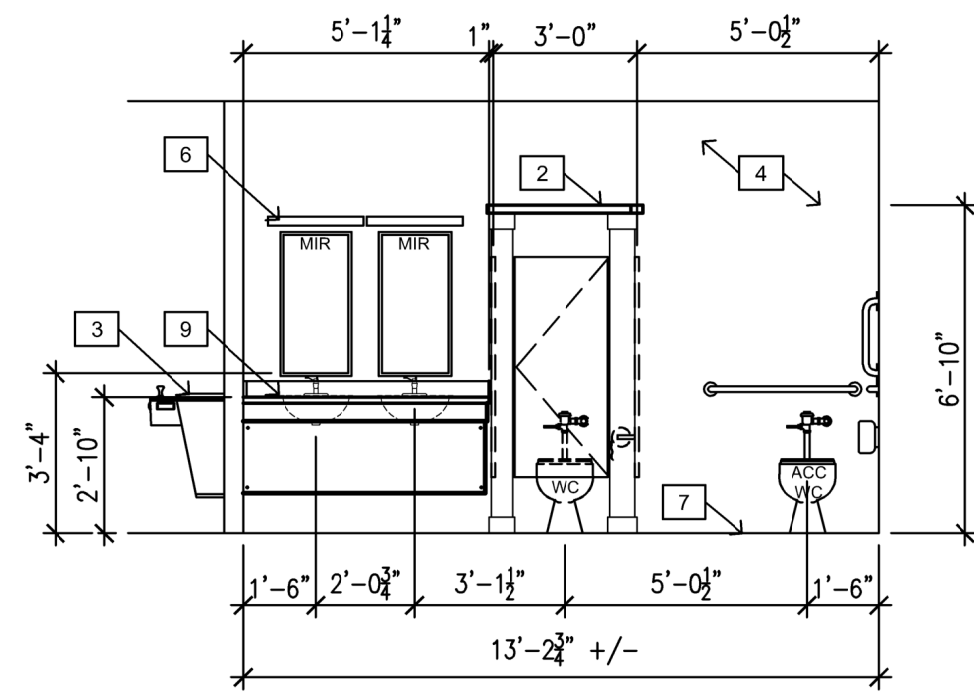
**3** DETAIL ELEVATION  
1/4"=1'-0"



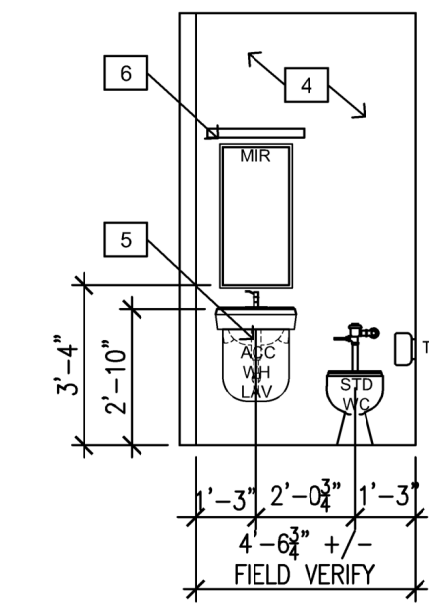
**4** DETAIL ELEVATION  
1/4"=1'-0"



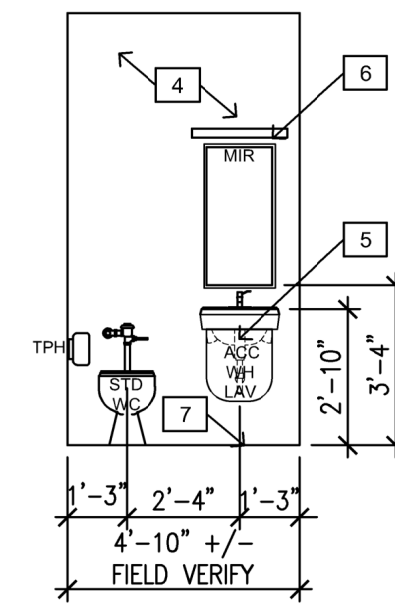
**5** DETAIL ELEVATION  
1/4"=1'-0"



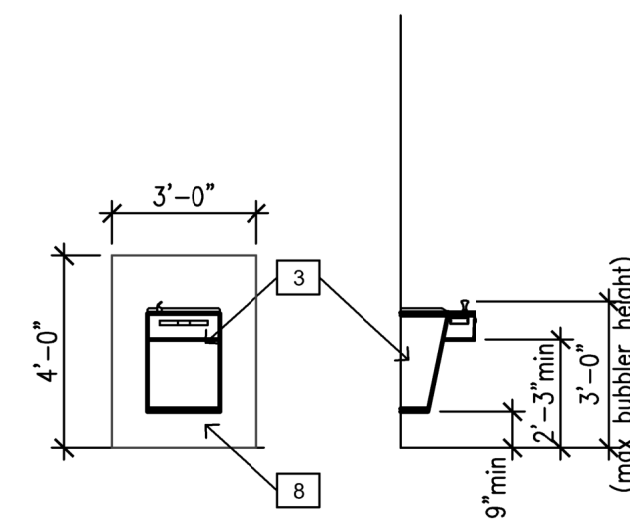
**6** DETAIL ELEVATION  
1/4"=1'-0"



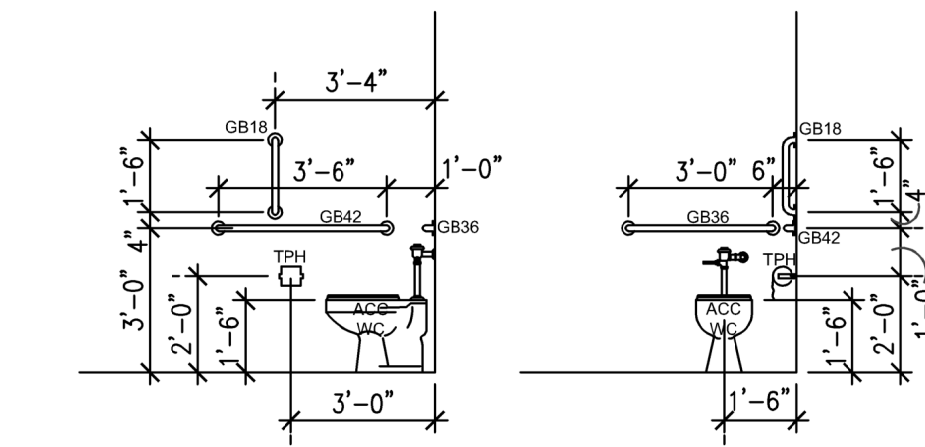
**7** DETAIL ELEVATION  
1/4"=1'-0"



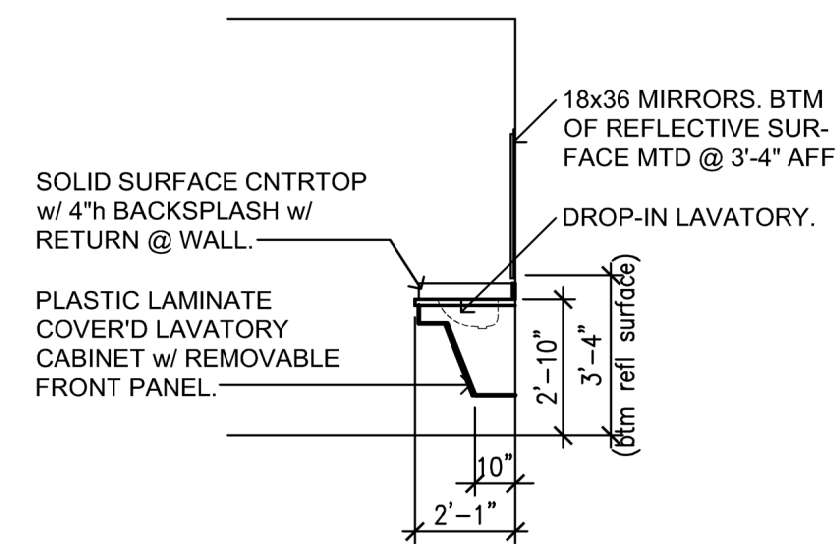
**8** DETAIL ELEVATION  
1/4"=1'-0"



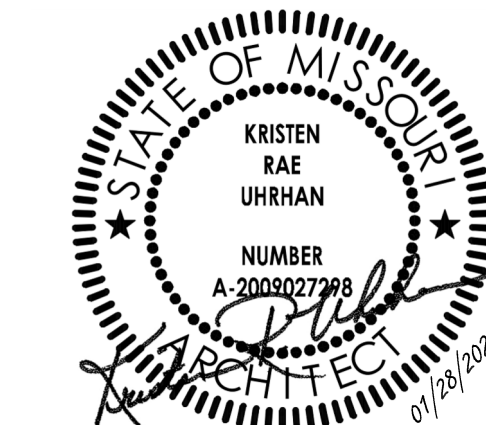
**9** DETAIL ELEVATION  
1/4"=1'-0"



**10** TYPICAL DETAIL ELEVATIONS  
SCALE: 1/4"=1'-0"



**11** TYPICAL LAVATORY SIDE ELEVATION  
SCALE: 1/4"=1'-0"



PROFESSIONAL SEAL

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PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 01/28/2026

CAD DWG FILE: A-900.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
LEVEL 1  
REFLECTED  
CEILING PLAN

SHEET NUMBER:  
**A-900**

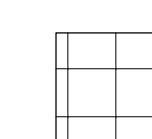
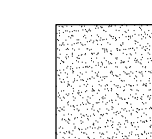
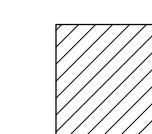
GENERAL NOTES - REFLECTED CEILING:

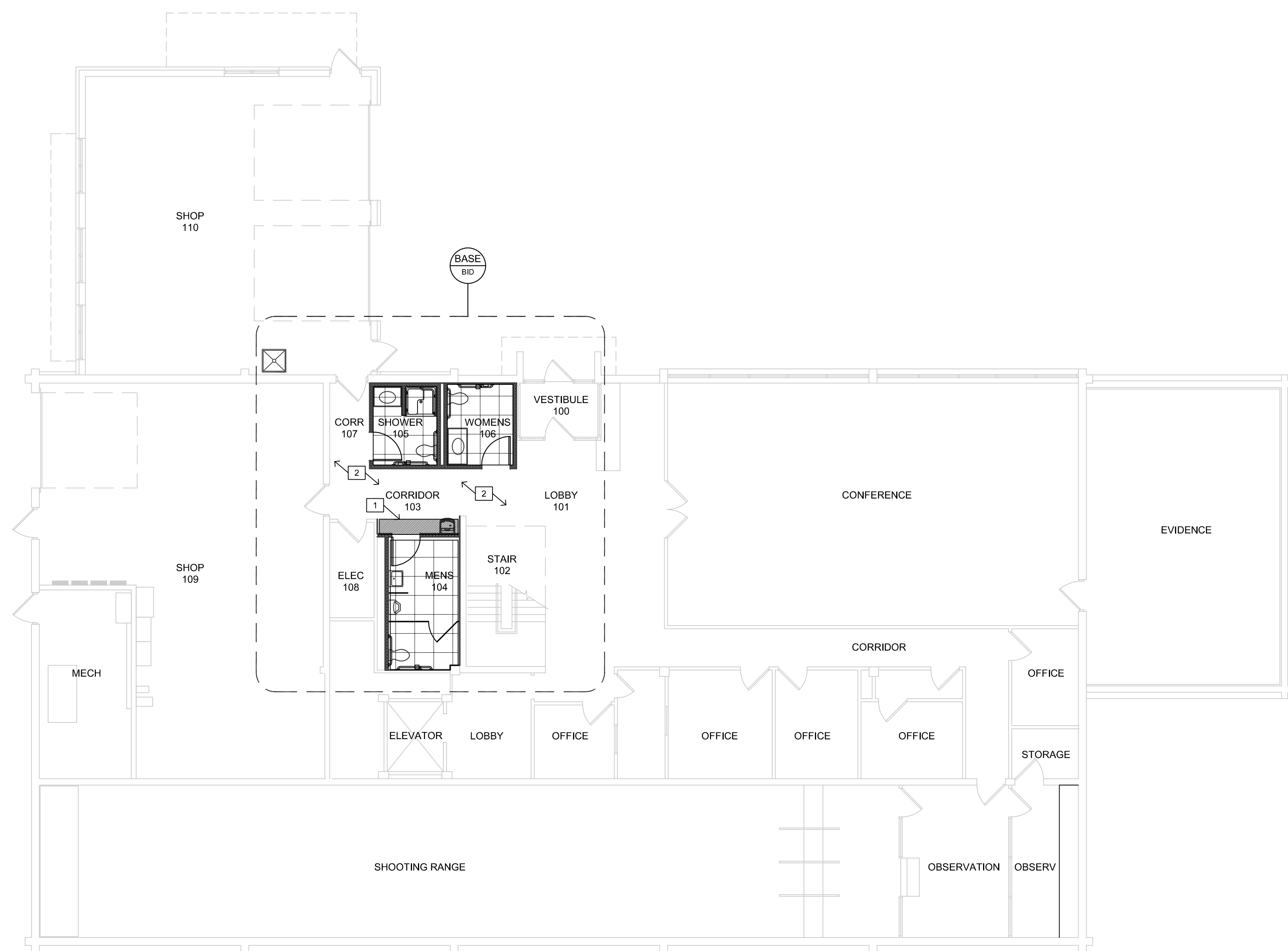
- A. REFERENCE GENERAL NOTES, SHEET G-002, FOR NOTES APPLICABLE TO ENTIRE PROJECT AS A WHOLE.
- B. REFERENCE DEMOLITION PLANS, SHEETS A-001 AND A-002 FOR COORDINATION WITH NEW WORK EXTENTS.
- C. GENERAL CONTRACTOR SHALL INSTALL SOLID WOOD BLOCKING AT WALLS AND PARTITIONS AS NECESSARY FOR INSTALLATION OF TOILET PARTITIONS, ACCESSORIES, LOCKERS, ETC. COORDINATE WITH AGENCY.
- D. REPAIR CEILINGS AS REQUIRED FOR NEW FINISHES.
- E. EXISTING CEILING TILE AND GRID IS NEW. REMOVE AS REQUIRED FOR NEW SCOPE OF WORK. EXISTING TO BE REUSED AND MODIFIED AS NECESSARY FOR NEW LAYOUT. REFERENCE MEP DRAWINGS FOR EXISTING LIGHT FIXTURES AND CEILING DEVICES TO BE RE-USED.
- F. REFERENCE MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS FOR WORK OF OTHER TRADES TO BE COORDINATED & CEILING PENETRATIONS & ITEMS TO BE INCORPORATED WITHIN THE CEILING SYSTEMS.
- G. REF: ROOM FINISH SCHEDULE FOR OTHER FINISHES NOT SHOWN.
- H. SOFFITS & HEADWALLS TO BE PAINTED TO MATCH CEILING.
- I. PROVIDE SOUND BATT INSULATION ABOVE ALL CEILINGS IN TOILETS.

KEYED NOTES - REFLECTED CEILING: [X]

- 1. GYPSUM BOARD OVER 16"oc METAL FRAMED SOFFIT WITH PAINT FINISH. BTM OF FINISH 4-INCH BELOW FINISH CEILING TILES.
- 2. REWORK EXISTING CEILING GRID AS REQUIRED FOR NEW ENTRY INTO TOILETS.

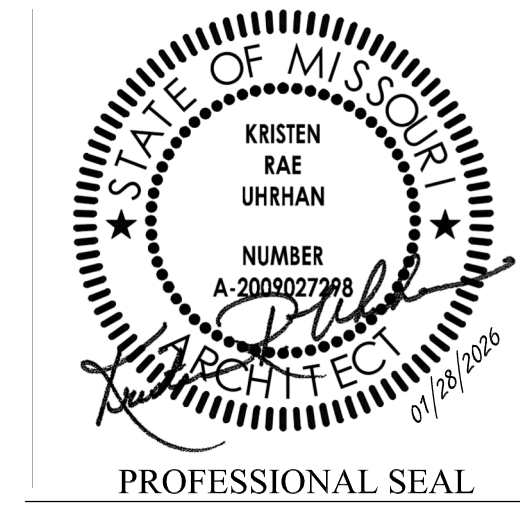
LEGEND - REFLECTED CEILING:

-  ACOUSTICAL CEILING PANELS - 24"x24", SQUARE EDGE TILE w/ 9/16" WIDE FACE, SUSPENDED GRID SYSTEM. REF: REFLECTED CEILING PLAN, THIS SHEET FOR TYPE.
-  5/8"thk MOISTURE-RESISTANT GYPSUM BOARD ATTACHED TO RIGID LGMF GRID SYSTEM OF DESIGNATED DESIGN BY SUPPLIER. PROVIDE PAINT FINISH.
-  HEADWALL OR SOFFIT. REF: RESPECTIVE KEYED NOTE FOR CONSTRUCTION & HEIGHT AFF.



**1** LEVEL 1 - REFLECTED CEILING PLAN  
1/8"=1'-0"





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PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 01/28/2026

CAD DWG FILE: A-901.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
LEVEL 2  
REFLECTED  
CEILING PLAN

SHEET NUMBER:  
**A-901**

GENERAL NOTES - REFLECTED CEILING:

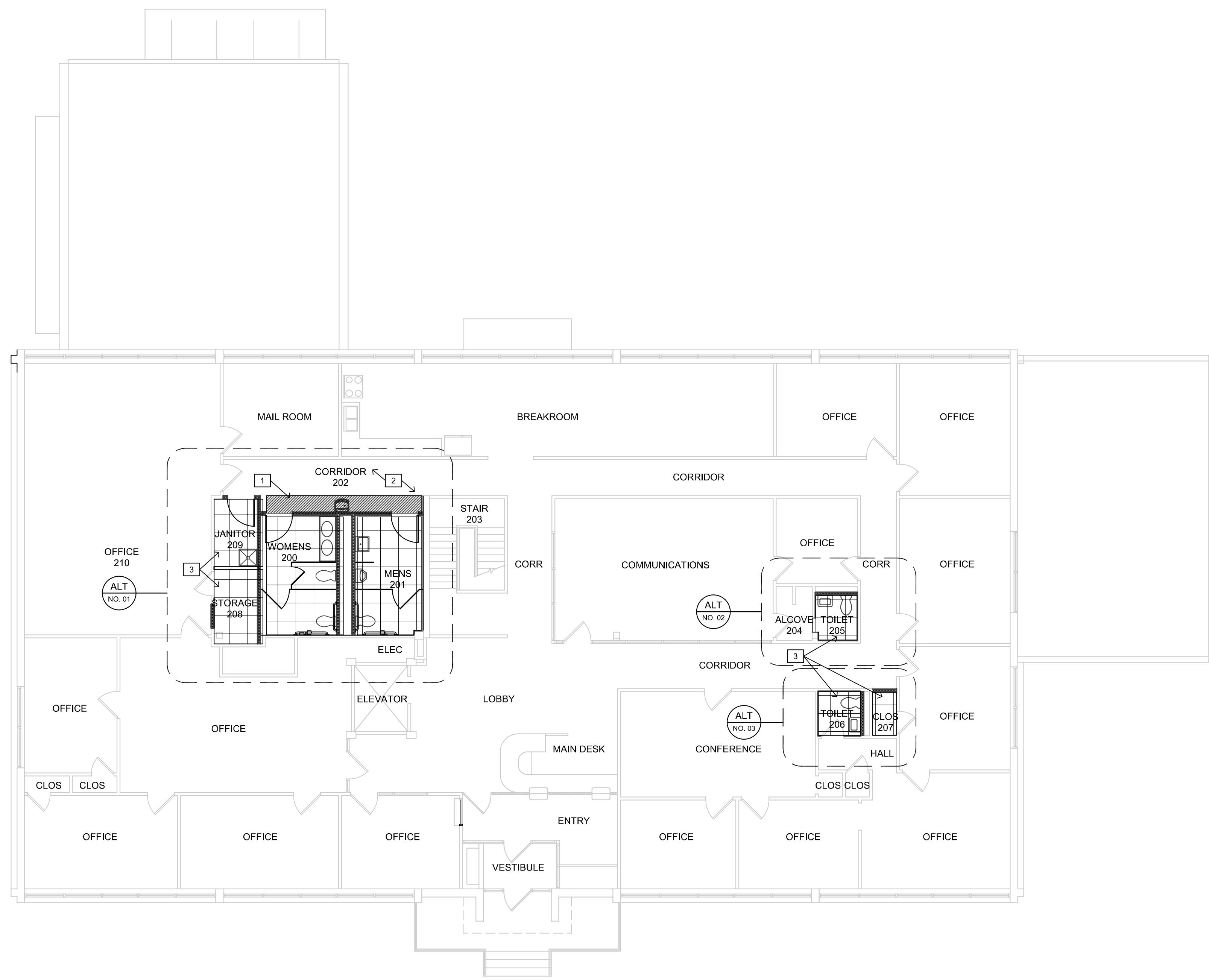
- A. REFERENCE GENERAL NOTES, SHEET G-002, FOR NOTES APPLICABLE TO ENTIRE PROJECT AS A WHOLE.
- B. REFERENCE DEMOLITION PLANS, SHEETS A-001 AND A-002 FOR COORDINATION WITH NEW WORK EXTENTS.
- C. GENERAL CONTRACTOR SHALL INSTALL SOLID WOOD BLOCKING AT WALLS AND PARTITIONS AS NECESSARY FOR INSTALLATION OF TOILET PARTITIONS, ACCESSORIES, LOCKERS, ETC. COORDINATE WITH OWNER.
- D. REPAIR CEILINGS AS REQUIRED FOR NEW FINISHES.
- E. EXISTING CEILING TILE AND GRID IS NEW. REMOVE AS REQUIRED FOR NEW SCOPE OF WORK. EXISTING TO BE REUSED AND MODIFIED AS NECESSARY FOR NEW LAYOUT. REFERENCE MEP DRAWINGS FOR EXISTING LIGHT FIXTURES AND CEILING DEVICES TO BE RE-USED.
- F. REFERENCE MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS FOR WORK OF OTHER TRADES TO BE COORDINATED & CEILING PENETRATIONS & ITEMS TO BE INCORPORATED WITHIN THE CEILING SYSTEMS.
- G. REF: ROOM FINISH SCHEDULE FOR OTHER FINISHES NOT SHOWN.
- H. SOFFITS & HEADWALLS TO BE PAINTED TO MATCH CEILING.
- I. PROVIDE SOUND BATT INSULATION ABOVE ALL CEILINGS IN TOILETS.

KEYED NOTES - REFLECTED CEILING: x

- 1. GYPSUM BOARD OVER 16"oc METAL FRAMED SOFFIT WITH PAINT FINISH. BTM OF FINISH 4-INCH BELOW FINISH CEILING TILES.
- 2. REWORK EXISTING CEILING GRID AS REQUIRED FOR NEW ENTRY INTO TOILETS.
- 3. REWORK EXISTING CEILING GRID FOR NEW ROOM FOOTPRINT.

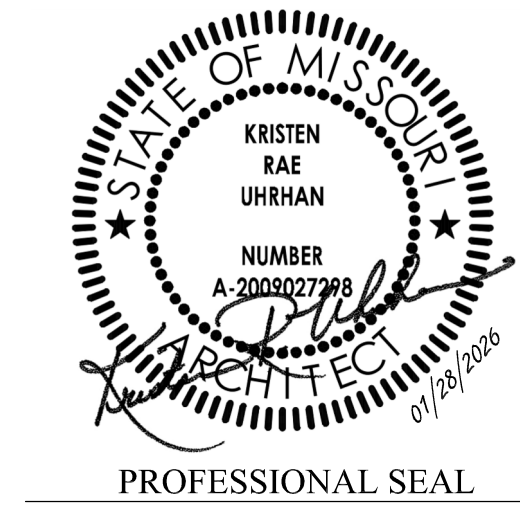
LEGEND - REFLECTED CEILING:

- ACOUSTICAL CEILING PANELS - 24"x24", SQUARE EDGE TILE w/ 9/16" WIDE FACE, SUSPENDED GRID SYSTEM. REF: REFLECTED CEILING PLAN, THIS SHEET FOR TYPE.
- 5/8"thk MOISTURE-RESISTANT GYPSUM BOARD ATTACHED TO RIGID LGMF GRID SYSTEM OF DESIGNATED DESIGN BY SUPPLIER. PROVIDE PAINT FINISH.
- HEADWALL OR SOFFIT. REF: RESPECTIVE KEYED NOTE FOR CONSTRUCTION & HEIGHT AFF.



**1** LEVEL 2 - REFLECTED CEILING PLAN  
1/8"=1'-0"





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OFFICE OF ADMINISTRATION  
DIVISION OF FACILITIES  
MANAGEMENT,  
DESIGN AND CONSTRUCTION

DEPARTMENT OF  
PUBLIC SAFETY  
MISSOURI STATE  
HIGHWAY PATROL

RENOVATE RESTROOMS &  
REPLACE SELECT CAST  
IRON PIPING  
TROOP E HEADQUARTERS  
BUILDING

M.S.H.P. TROOP E  
HEADQUARTERS  
4869-5199 US-67  
POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 01/28/2026

CAD DWG FILE: A-902.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
LEVEL 1  
FINISH FLOOR PLAN

SHEET NUMBER:  
**A-902**

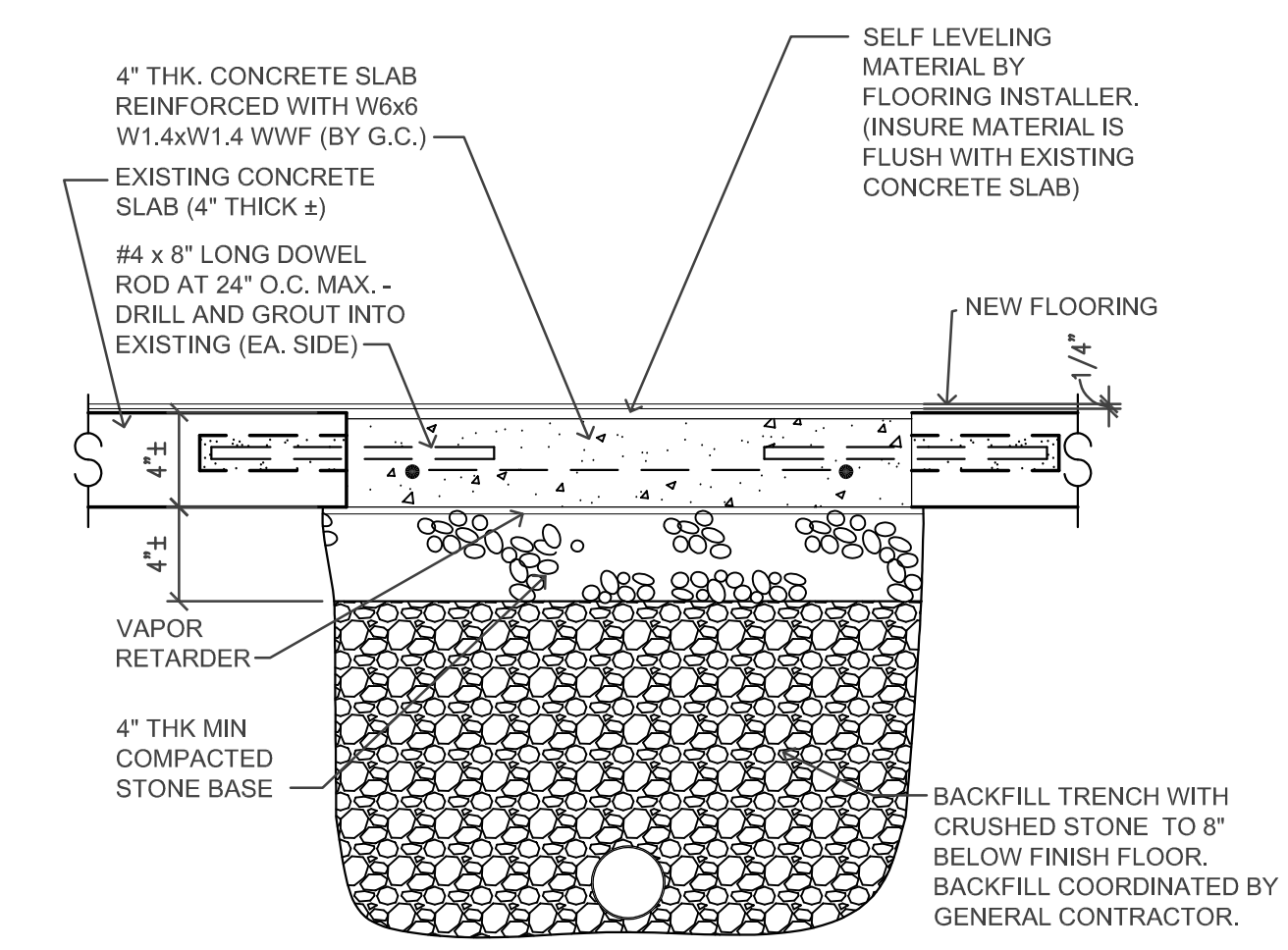
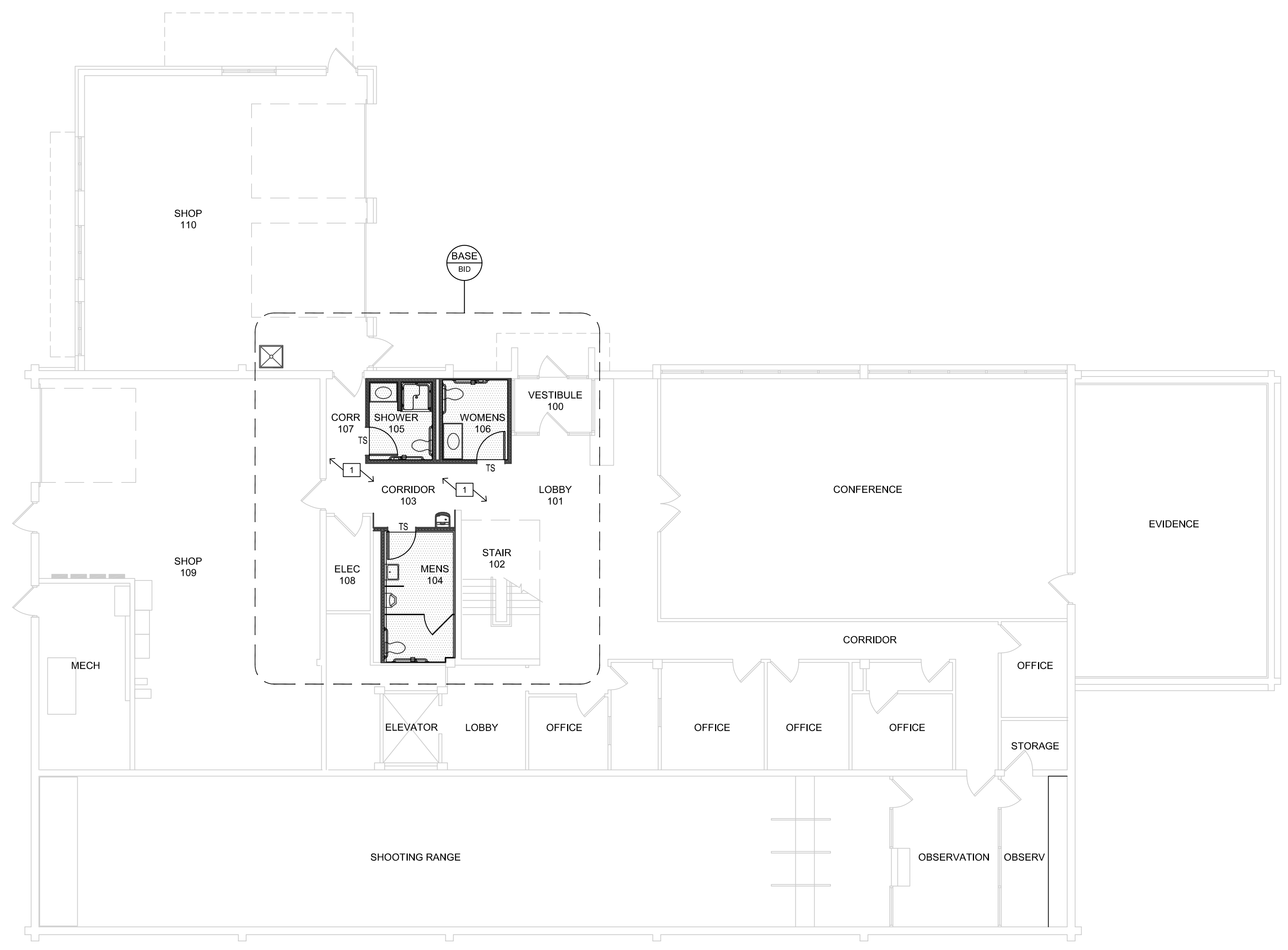
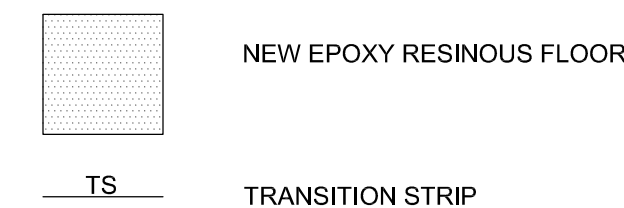
GENERAL NOTES - FINISH FLOOR PLAN:

- A. REFERENCE GENERAL NOTES, SHEET G-002, FOR NOTES APPLICABLE TO ENTIRE PROJECT AS A WHOLE.
- B. REFERENCE DEMOLITION PLANS, SHEETS A-001 AND A-002 FOR COORDINATION WITH NEW WORK EXTENTS.
- C. REPAIR FLOORS AND WALLS AS REQUIRED FOR NEW FINISHES.
- D. WHERE NEW CONCRETE IS REQUIRED FOR TRENCHED AREAS FOR PLUMBING, REFERENCE TYPICAL DETAIL FOR CONCRETE. PREP FLOOR PER MANUFACTURER'S RECOMMENDATIONS FOR NEW FLOOR FINISH.
- E. REFERENCE MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS FOR WORK OF OTHER TRADES TO BE COORDINATED & FLOOR PENETRATIONS & ITEMS TO BE INCORPORATED.
- F. REF: ROOM FINISH SCHEDULE FOR OTHER FINISHES NOT SHOWN.
- G. LOCATE TRANSITION STRIPS BETWEEN DIFFERENT FLOORING TYPES @ DOOR OPENINGS. LOCATE STRIP UNDER DOOR - TYPICAL.
- H. CONTINUE ALL NEW FLOORING INTO OPENINGS FOR CLEAN & UNIFORM TRANSITION BETWEEN FLOORING TYPE AND/OR ROOM LAYOUT UNDER DOOR - TYPICAL.
- I. ALL FLOORING THICKNESSES TO BE VERIFIED w/ FLOORING MANUFACTURERS, SPECIFICALLY WHERE NEW FLOORING ABUTS EXISTING.
- J. EXISTING TILE & ADHESIVE THROUGHOUT TO BE REMOVED BY CERTIFIED ASBESTOS CONTRACTOR.
- K. WHERE CONCRETE SLAB IS DEMO'D AND REPLACED, PROVIDED FLOOR LEVELER AND ALL PREP REQUIRED BY MANUFACTURER FOR NEW FLOOR FINISH.

KEYED NOTES - FINISH FLOOR PLAN: X

- 1. EXISTING CARPET TILES TO BE REWORKED WHERE POSSIBLE AND NEW TILES (MATCHING EXISTING) INSTALLED TO BE INTEGRATED WITH EXISTING PATTERN FOR COMPLETE AND FINISHED LOOK.

LEGEND - FINISH FLOOR PLAN:



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

**2** TYPICAL CONCRETE INFILL @ PLBG TRENCH  
SCALE: 1 1/2" = 1'-0"





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PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

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DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 01/28/2026

CAD DWG FILE: A-903.DWG  
DRAWN BY: KU  
CHECKED BY: KU  
DESIGNED BY: KU

SHEET TITLE:  
LEVEL 2  
FINISH FLOOR PLAN

SHEET NUMBER:

**A-903**

18 OF 35 SHEETS

GENERAL NOTES - FINISH FLOOR PLAN:

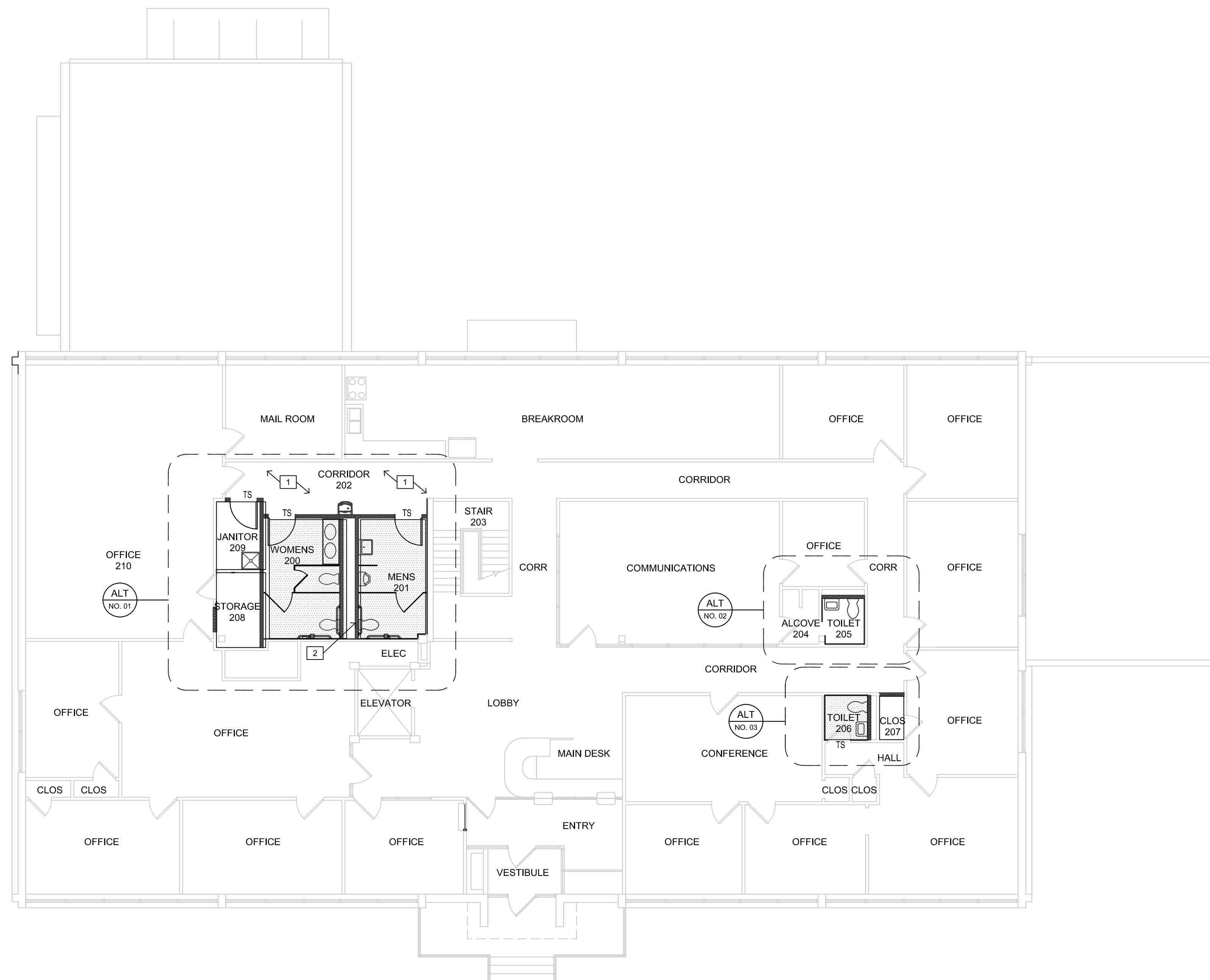
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- C. REPAIR FLOORS AND WALLS AS REQUIRED FOR NEW FINISHES.
- D. WHERE NEW CONCRETE IS REQUIRED FOR TRENCHED AREAS FOR PLUMBING, REFERENCE TYPICAL DETAIL FOR CONCRETE. PREP FLOOR PER MANUFACTURER'S RECOMMENDATIONS FOR NEW FLOOR FINISH.
- E. REFERENCE MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS FOR WORK OF OTHER TRADES TO BE COORDINATED & FLOOR PENETRATIONS & ITEMS TO BE INCORPORATED.
- F. REF: ROOM FINISH SCHEDULE FOR OTHER FINISHES NOT SHOWN.
- B. LOCATE TRANSITION STRIPS BETWEEN DIFFERENT FLOORING TYPES @ DOOR OPENINGS. LOCATE STRIP UNDER DOOR - TYPICAL.
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- D. ALL FLOORING THICKNESSES TO BE VERIFIED w/ FLOORING MANUFACTURERS, SPECIFICALLY WHERE NEW FLOORING ABUTS EXISTING.
- E. EXISTING TILE & ADHESIVE THROUGHOUT TO BE REMOVED BY CERTIFIED ASBESTOS CONTRACTOR.

KEYED NOTES - FINISH FLOOR PLAN: x

1. EXISTING CARPET TILES TO BE REWORKED WHERE POSSIBLE AND NEW TILES (MATCHING EXISTING) INSTALLED TO BE INTEGRATED WITH EXISTING PATTERN FOR COMPLETE AND FINISHED LOOK.
2. REUSE EXISTING FLOOR PENETRATIONS WHERE POSSIBLE. ANY NEWLY REQUIRED PENETRATIONS TO REMAIN IN LINE WITH EXISTING AS TO NOT DAMAGE THE EXISTING CONCRETE TEE STRUCTURE.

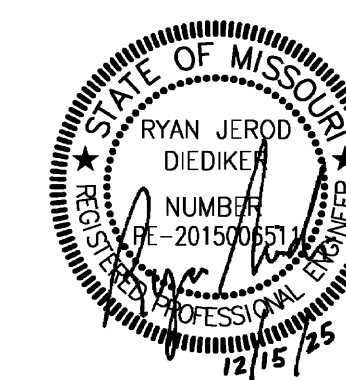
LEGEND - FINISH FLOOR PLAN:

NEW EPOXY RESINOUS FLOOR WITH 6" HIGH INTEGRAL COVE BASE.



**1** LEVEL 2 - FINISH FLOOR PLAN  
1/8"=1'-0"





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REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:  
**MEC. AND ELEC.  
SYMBOLS AND  
ABBREVIATIONS**

SHEET NUMBER:

**ME-100**

19 OF 35 SHEETS

**smith & boucher**  
engineers  
25618 west 103rd St. olathe, ks 66061  
phone 913.345.2127 fax 913.345.0617  
project number 2518600

<p><b>GENERAL</b></p> <p>MECHANICAL NOTE REFERENCE</p> <p>ELECTRICAL NOTE REFERENCE</p> <p>DEMOLITION NOTE REFERENCE</p> <p>REVISION NOTE REFERENCE</p> <p>CONNECT TO EXISTING WORK</p> <p>DETAIL REFERENCE - NO/SHEET NO.</p> <p>SECTION CUT - SECTION SHEET NO.</p> <p>BRACKET DENOTES A WALL MOUNTED DEVICE, TYP</p> <p><b>CONDUIT AND WIRE</b></p> <p>CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING</p> <p>3#12 AWG CONDUCTORS, UNLESS NOTED OTHERWISE</p> <p>TICK MARKS (UN-SWITCHED LINE, NEUTRAL, GROUND)</p> <p>ARROW INDICATES HOME RUN TO PANEL</p> <p>CONDUIT RUN UNDERGROUND OR CONCEALED IN SLAB (D)</p> <p>LOW VOLTAGE WIRING/CONDUIT RUN</p> <p><b>LIGHTING</b></p> <p>BATTERY OPERATED EMERGENCY LIGHT (WALL MOUNTED)</p> <p>BATTERY OPERATED EMERGENCY LIGHT (CEILING MOUNTED)</p> <p>SURFACE/RECESSED LIGHT FIXTURE</p> <p>DENOTES A WALL MOUNTED FIXTURE</p> <p>2X4 LIGHT FIXTURE</p> <p>2X2 LIGHT FIXTURE</p> <p>1X4 LIGHT FIXTURE</p> <p>STRIP / LINEAR LIGHT FIXTURE</p> <p>SHADING DENOTES EMERGENCY FIXTURE</p> <p>POLE MOUNTED LIGHT FIXTURE - SINGLE HEAD</p> <p>POLE MOUNTED LIGHT FIXTURE - DUAL HEAD</p> <p>POLE MOUNTED LIGHT FIXTURE - PEDESTRIAN SCALE</p> <p>EXIT LIGHT - DOUBLE FACE - ARROWS AS SHOWN</p> <p>EXIT LIGHT - SINGLE FACE - ARROWS AS SHOWN</p> <p>LINE VOLTAGE SWITCHES-SINGLE POLE, 3-WAY, 4-WAY, KEY, PILOT LIGHT, DIMMER</p> <p>VACANCY SWITCH</p> <p>VACANCY DIMMER SWITCH</p> <p>LOW VOLTAGE SWITCH</p> <p>LOW VOLTAGE DIMMER SWITCH</p> <p>LOW VOLTAGE SCENE SWITCH</p> <p>LOW VOLTAGE TOUCHSCREEN</p> <p>DIGITAL TIMER SWITCH</p> <p>OCCUPANCY SENSOR (LETTER DENOTES TYPE)</p> <p>PHOTOCELL</p> <p>LIGHTING CONTROL NOTE</p>	<p><b>WIRING DEVICES</b></p> <p>DUPLEX RECEPTACLE</p> <p>FOURPLEX RECEPTACLE</p> <p>SIMPLEX/SPECIAL RECEPTACLE (NEMA CONFIG. NOTED)</p> <p>LINE THRU DEVICE INDICATES ABOVE COUNTER</p> <p>3RD LINE THROUGH MIDDLE INDICATES OCCUPANCY CONTROLLED</p> <p>RECEPTACLE TYPES - (IG) ISOLATED GROUND, (GFI) GROUND FAULT, (U) UPS, (USB) W/ INTEGRAL USB, (D) DEDICATED, (S) SPLIT WIRED</p> <p>DUPLEX RECEPTACLE SUPPLIED BY GENERATOR (SINGLE, FOURPLEX AND SPECIAL ARE SIMILAR)</p> <p>CEILING MOUNTED RECEPTACLE</p> <p>RECESSED FLOOR BOX W/DUPLEX RECEPTACLE</p> <p>MULTI-SERVICE WALL BOX</p> <p>MULTI-SERVICE FLOOR BOX</p> <p>DIVIDED POWER POLE</p> <p>MULTI-OUTLET ASSEMBLY</p> <p><b>POWER DEVICE AND CONTROLS</b></p> <p>DISCONNECT SWITCH - 30A/3P NON-FUSED EXCEPT AS NOTED OTHERWISE.</p> <p>MAGNETIC MOTOR STARTER</p> <p>COMBINATION MOTOR STARTER AND DISCONNECT SWITCH</p> <p>MOTOR</p> <p>PANELBOARD (SEE ONE-LINE)</p> <p>CONTACTOR</p> <p>AUTOMATIC TRANSFER SWITCH</p> <p>JUNCTION BOX</p> <p>JUNCTION BOX - FURNITURE FEED WHIP CONNECTION</p> <p>PUSHBUTTON</p> <p>EMERGENCY POWER OFF PUSHBUTTON</p> <p>TRANSFORMER</p> <p>CONTROL RELAY</p> <p><b>TELECOMMUNICATIONS</b></p> <p>TELEPHONE OUTLET</p> <p>DATA OUTLET</p> <p>TELEPHONE/DATA OUTLET</p> <p>TELEVISION OUTLET</p> <p>ABOVE CEILING DATA OUTLET FOR WIRELESS ACCESS POINT</p> <p>LINE THRU DEVICE INDICATES ABOVE COUNTER</p> <p>CIRCLE INDICATES FLOOR MOUNTED OUTLET</p> <p>SQUARE INDICATES CEILING MOUNTED OUTLET</p>	<p><b>SPECIAL SYSTEMS</b></p> <p>MICROPHONE OUTLET</p> <p>SPEAKER</p> <p>HORN TYPE SPEAKER</p> <p>SPEAKER VOLUME CONTROL</p> <p>PUBLIC ADDRESS AMPLIFIER AND CABINET</p> <p>DOOR BELL</p> <p>INTERCOM STATION</p> <p>INTERCOM STATION - MASTER</p> <p>AUDIOVISUAL BOX</p> <p>CEILING MOUNTED AUDIOVISUAL BOX</p> <p><b>SECURITY</b></p> <p>SURVEILLANCE CAMERA (F DENOTES FISH-EYE TYPE)</p> <p>PTZ SURVEILLANCE CAMERA</p> <p>SURVEILLANCE CAMERA WITH 180° VIEWING ANGLE (PANORAMIC STYLE)</p> <p>SURVEILLANCE CAMERA WITH 360° VIEWING ANGLE (PANORAMIC STYLE, WITH MULTIPLE CAMERA LENSES)</p> <p>CCTV DISPLAY SCREEN</p> <p>CARD READER (D' DENOTES A DUAL LEVEL TYPE (WIPIN))</p> <p>ACCESS CONTROL DOOR INTERFACE</p> <p>DOOR HARDWARE POWER SUPPLY</p> <p>DUAL AUTHENTICATION CARD READER (WITH KEYPAD)</p> <p>BALANCED MAGNETIC SWITCH</p> <p>MOTION SENSOR REQUEST TO EXIT ABOVE DOOR</p> <p>REQUEST TO EXIT PUSHBUTTON</p> <p>DELAYED EGRESS PANIC BAR</p> <p>ELECTRIFIED LOCKSET</p> <p>ELECTRIFIC DOOR STRIKE</p> <p>MAGNETIC DOOR LOCK</p> <p>ACCESS CONTROL STATION (ENROLLMENT)</p> <p>SECURITY MANAGEMENT STATION</p> <p>INTRUSION - ACTIVATION/DEACTIVATION KEYPAD</p> <p>DOOR CONTACT</p> <p>REFRIGERATOR ALARM</p> <p>MOTION SENSOR - SECURITY</p> <p>GLASS BREAK SENSOR</p> <p>WINDOW MESH SENSOR</p> <p>WIRELESS DURESS (PANIC) BUTTON - CONCEALED AT DESK</p> <p>WIRELESS DURESS (PANIC) BUTTON - WALL MOUNT TYPE</p> <p>DURESS PHONE, PEDESTAL TYPE ('CODE BLUE PHONE')</p> <p>DURESS (PANIC) MASTER STATION/ANNUNCIATION PANEL</p>	<p><b>FIRE ALARM</b></p> <p>FIRE ALARM ANNUNCIATION PANEL</p> <p>FIRE ALARM CONTROL PANEL</p> <p>MANUAL PULL STATION</p> <p>SMOKE DETECTOR</p> <p>SMOKE DETECTOR - DUCT MOUNTED</p> <p>SMOKE DETECTOR - WITH SOUNDER BASE</p> <p>COMBINATION SMOKE/CARBON MONOXIDE DETECTOR</p> <p>CARBON MONOXIDE DETECTOR</p> <p>COMBO SMOKE/CARBON MONOXIDE/SOUNDER BASE</p> <p>THERMOCOUPLER/HEAT) DETECTOR</p> <p>THERMOCOUPLER/HEAT) DETECTOR - DUCT MOUNTED</p> <p>DOOR HOLDER</p> <p>CHIME</p> <p>BELL</p> <p>FIRE ALARM HORN</p> <p>FIRE ALARM SPEAKER</p> <p>FIRE ALARM STROBE</p> <p>COMBINATION FIRE ALARM HORN AND STROBE</p> <p>COMBINATION FIRE ALARM SPEAKER AND STROBE</p> <p>REMOTE ALARM LAMP</p> <p>POST INDICATOR SWITCH</p> <p>FLOW SWITCH</p> <p>TAMPER SWITCH</p> <p>ADDRESSABLE INTERFACE</p> <p><b>NURSE CALL</b></p> <p>MASTER STATION</p> <p>MASTER STATION W/ SPEAKER (HANDSET)</p> <p>STAFF STATION W/ SPEAKER</p> <p>DUTY STATION</p> <p>DUTY STATION W/ SPEAKER</p> <p>EMERGENCY PULLCORD</p> <p>EMERGENCY PULLCORD W/ SPEAKER</p> <p>CODE BUTTON</p> <p>STAFF ASSIST BUTTON</p> <p>CODE AND STAFF ASSIST BUTTONS</p> <p>PATIENT STATION - SINGLE</p> <p>PATIENT STATION - DUAL</p> <p>PATIENT STATION W/ CODE/STAFF ASSIST</p> <p>BED INTERFACE</p> <p>AUXILIARY INPUT - SINGLE</p> <p>AUXILIARY INPUT - DUAL</p> <p>DOMELIGHT</p> <p>DOMELIGHT - ZONE TYPE</p>	<p><b>HVAC</b></p> <p>CHILLED WATER SUPPLY</p> <p>CHILLED WATER RETURN</p> <p>DUAL TEMP SUPPLY</p> <p>DUAL TEMP RETURN</p> <p>CONDENSER SUPPLY</p> <p>CONDENSER RETURN</p> <p>HEATING HOT WATER SUPPLY</p> <p>HEATING HOT WATER RETURN</p> <p>STEAM SUPPLY</p> <p>STEAM CONDENSATE RETURN</p> <p>HVAC DRAIN (CONDENSATE)</p> <p>REFRIGERANT</p> <p>THERMOSTAT</p> <p>TEMPERATURE SENSOR</p> <p>HUMIDITY SENSOR</p> <p>CARBON DIOXIDE SENSOR</p> <p>THERMOSTAT / CO2 SENSOR COMBO</p> <p>THERMOSTAT / CO2 / HUMIDITY SENSOR COMBO</p> <p>CHLORINE SENSOR</p> <p>SPACE PRESSURE MONITOR</p> <p>CARBON MONOXIDE SENSOR</p> <p>NITROGEN DIOXIDE SENSOR</p> <p>CARBON MONOXIDE / NITROGEN DIOXIDE SENSOR</p> <p>WALL SWITCH</p> <p>HUMIDIFIER</p> <p><b>FIRE PROTECTION</b></p> <p>FIRE PROTECTION PIPING</p> <p>FIRE HOSE CABINET</p> <p>FIRE DEPARTMENT VALVE</p> <p>UPRIGHT SPRINKLER HEAD</p> <p>PENDENT SPRINKLER</p> <p>RECESSED SPRINKLER</p> <p>CONCEALED SPRINKLER</p> <p>SIDEWALL SPRINKLER</p> <p>DOUBLE CHECK DETECTOR BACKFLOW PREVENTER</p> <p>FIRE DEPARTMENT CONNECTION</p> <p>POST INDICATOR VALVE</p>	<p><b>PLUMBING</b></p> <p>DOMESTIC COLD WATER</p> <p>DOMESTIC HOT WATER</p> <p>DOMESTIC HOT WATER 140°</p> <p>DOMESTIC TEMPER WATER</p> <p>SOFT DOMESTIC COLD WATER</p> <p>SOFT DOMESTIC HOT WATER</p> <p>SOFT HOT WATER RECIRC</p> <p>DOMESTIC HOT WATER RECIRC</p> <p>DOMESTIC HOT WATER RECIRC 140°</p> <p>DOMESTIC DEIONIZED WATER</p> <p>REVERSE OSMOSIS WATER</p> <p>COMPRESSED AIR</p> <p>SANITARY WASTE</p> <p>SANITARY WASTE UNDERGROUND</p> <p>VENT</p> <p>PUMP DISCHARGE</p> <p>GREASE WASTE</p> <p>GREASE WASTE UNDERGROUND</p> <p>STORM DRAIN</p> <p>STORM DRAIN UNDERGROUND</p> <p>STORM OVERFLOW DRAIN</p> <p>STORM OVERFLOW DRAIN UNDERGROUND</p> <p>HOSE BIBB, WALL / ROOF / HARD HYDRANT</p> <p>CLEAN OUT, WALL, CLEAN OUT</p> <p>FLOOR CLEAN OUT</p> <p>FLOOR / AREA DRAIN</p> <p>FLOOR SINK / TROUGH</p> <p>ROOF DRAIN / OVERFLOW ROOF DRAIN</p> <p>TRENCH DRAIN</p> <p>REDUCED PRESSURE BACKFLOW PREVENTER</p> <p>PLUMBING RISER CALL-OUT NUMBER</p> <p><b>MEDICAL / LABORATORY</b></p> <p>MEDICAL COMPRESSED AIR</p> <p>MEDICAL VACUUM</p> <p>DENTAL VACUUM</p> <p>OXYGEN</p> <p>NITROGEN</p> <p>NITROUS OXIDE</p> <p>WAG LINE</p> <p>INSTRUMENT COMPRESSED AIR</p> <p>OXYGEN OUTLET</p> <p>MEDICAL VACUUM OUTLET</p> <p>MEDICAL AIR OUTLET</p> <p>NITROUS OXIDE OUTLET</p> <p>INSTRUMENT AIR OUTLET</p>	<p><b>PIPING</b></p> <p>ELBOW DOWN</p> <p>ELBOW UP</p> <p>TEE UP</p> <p>TEE DOWN</p> <p>CAP</p> <p>UNION</p> <p>PIPE FLEX</p> <p>STRAINER</p> <p>PRESSURE GAUGE WITH GAUGE COCK</p> <p>TEMPERATURE GAUGE</p> <p>THERMOMETER</p> <p>SITE GLASS</p> <p>FILTER-DRIER</p> <p>BASKET STRAINER</p> <p>SHUTOFF VALVE</p> <p>SHUTOFF VALVE IN RISER</p> <p>BALANCING VALVE</p> <p>RELIEF VALVE</p> <p>TEST PLUG</p> <p>TRIPLE VALVE</p> <p>CHECK VALVE</p> <p>AUTOMATIC CONTROL VALVE (2-WAY)</p> <p>AUTOMATIC CONTROL VALVE (3-WAY)</p> <p>SOLENOID VALVE</p> <p>PRESSURE REDUCING VALVE / PRESSURE REGULATOR</p> <p><b>FUEL UTILITIES</b></p> <p>FUEL OIL SUPPLY</p> <p>FUEL OIL RETURN</p> <p>LIQUID PETROLEUM</p> <p>NATURAL GAS</p> <p><b>AUTOMOTIVE</b></p> <p>AUTOMOTIVE COMPRESSED AIR</p> <p>TRANSMISSION FLUID</p> <p>COOLANT</p> <p>LUBE OIL</p> <p>COMPRESSED AIR OUTLET</p> <p>LUBE OIL OUTLET</p>
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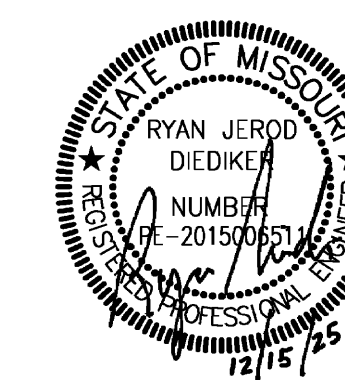
A	AMPS	CO	CLEANOUT, CARBON MONOXIDE	GCO	GRADE CLEANOUT	MD	MOTORIZED DAMPER	SF	SQUARE FEET
A/C	AIR CONDITIONING	CO2	CARBON DIOXIDE	GF/GFCI	GROUND FAULT CIRCUIT INTERRUPTER	MOC	MAXIMUM OVERCURRENT CIRCUIT PROTECTION	SP	STATIC PRESSURE
AD	ACCESS DOOR	CU	COPPER, CONDENSING UNIT	GND	GROUND	SWBD	SWITCHBOARD	TOD	TOP OF DUCT
AFC	ABOVE FINISH CEILING	CW	DOMESTIC COLD WATER	GPM	GALLONS PER MINUTE	MFR	MANUFACTURER	TOP	TOP OF PIPE
AFG	ABOVE FINISH GRADE	DDC	DIRECT DIGITAL CONTROL	HOA	HAND OFF AUTOMATIC	NIA	NOT APPLICABLE	TSTAT	THERMOSTAT
AFF	ABOVE FINISHED FLOOR	DN	DOWN	HW	DOMESTIC HOT WATER	UNC	UNLESS NOTED OTHERWISE	UNO	UNINTERRUPTIBLE POWER SUPPLY
BD	BACKDRAFT DAMPER	DX	DIRECT EXPANSION	IE	INVERT ELEVATION	UPS	UNINTERRUPTIBLE POWER SUPPLY	VAV	VARIABLE AIR VOLUME
BF	BELOW FINISHED FLOOR	EA	EXHAUST AIR	IG	ISOLATED GROUND	VD	MANUAL VOLUME DAMPER	W	WATT(S)
BFG	BELOW FINISHED GRADE	EAT	ENTERING AIR TEMPERATURE	KV	KILOVOLT	VW	VENT THROUGH ROOF	W	WITH
BFP	BACKFLOW PREVENTER	EC	ELECTRICAL CONTRACTOR	KVA	KILOVOLT AMPS	W/O	WITHOUT	WB	WET BULB
BKR	BREAKER	EPO	EMERGENCY POWER OFF	KW	KILOWATT	NIC	NOT IN CONTRACT	WCO	WALL CLEANOUT
BOD	BOTTOM OF DUCT	ETR	EXISTING TO REMAIN	KWH	KILOWATT HOUR	NL	NIGHT LIGHT	WP	WEATHERPROOF
BOP	BOTTOM OF PIPE	EWB	ENTERING WET BULB	LAT	LEAVING AIR TEMPERATURE	PH	PHASE	XFMR	TRANSFORMER
BOS	BOTTOM OF STRUCTURE	EXH	EXHAUST	LDB	LEAVING DRY BULB	PRV	PRESSURE REDUCING VALVE	XP	EXPLOSION PROOF
BTU	BRITISH THERMAL UNIT	F/S	COMBINATION FIRE AND SMOKE DAMPER	LRA	LOCKED ROTOR AMPS	QTY	QUANTITY		
C	CONDUIT	FACP	FIRE ALARM CONTROL PANEL	LV	LOW VOLTAGE	RA	RETURN AIR		
CA	COMPRESSED AIR	FAACP	FIRE ALARM ANNUNCIATOR CONTROL PANEL	LWB	LEAVING WET BULB	REV	REVISION		
CATV	CABLE TELEVISION SYSTEM	FCO	FLOOR CLEANOUT	LWT	LEAVING WATER TEMPERATURE	RH	RELATIVE HUMIDITY		
CB	CIRCUIT BREAKER	F/D	FIRE DAMPER	LWHT	1000 BTU PER HOUR	RLA	RUNNING LOAD AMPS		
CCTV	CLOSED CIRCUIT TELEVISION	FLA	FULL LOAD AMPS	MC	MECHANICAL CONTRACTOR	RPM	REVOLUTIONS PER MINUTE		
CFM	CUBIC FEET PER MINUTE	FL	FLOW LINE	MCA	MINIMUM CIRCUIT AMPACITY	SA	SUPPLY AIR		
CKT	CIRCUIT	G	GROUND	MCC	MOTOR CONTROL CENTER	SD	SMOKE DAMPER		

**MECHANICAL AND ELECTRICAL SYMBOLS AND ABBREVIATIONS**

\*SOME SYMBOLS AND ABBREVIATIONS ON THIS LEGEND MAY NOT BE USED. REFER TO FLOOR PLANS FOR ALL SYMBOLS AND ABBREVIATIONS.\*

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POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

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CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:

MEC. AND ELEC.  
SCHEDULES

SHEET NUMBER:

**ME-300**

20 OF 35 SHEETS

**PLUMBING FIXTURE SCHEDULE**

MARK	SERVES / NOTES	MANUFACTURER/ MODEL	DESCRIPTION	FITTINGS		NOTE	PIPING CONNECTIONS			
				MANUFACTURER/ MODEL	DESCRIPTION		CW	HW	SAN	VENT
WC-1	RESTROOM WATERCLOSET ADA	AMERICAN STANDARD AF-WALL 2257101.02  WADE BEMIS 1055SSC	ADA COMPLIANT WATER CLOSET: WHITE VITREOUS CHINA, ELONGATED BOWL, WALL MOUNTED, FLUSH VALVE BOWL WITH TOPSPUD AND FLAT BOLT COVERS. 1.6 GALLON SIPHON JET FLUSHING ACTION. SEE ARCHITECTURAL FOR MOUNTING HEIGHTS. CARRIER: PROVIDE CARRIER AS REQUIRED TO SUIT APPLICATION. SEAT: SOLID PLASTIC, OPEN FRONT, WHITE, ELONGATED BOWL, INTEGRAL BUMPERS, EXTERNAL CHECK HINGES WITH STAINLESS STEEL POSTS.	SLOAN REGAL 186-1.0	1.0 GPF, MANUAL FLUSHOMETER. ADA COMPLIANT CHROME FINISH  COORDINATE SPUD LOCATION TO COORDINATE WITH ADA GRAB BARS. PROVIDE WALL AND SPUD FLANGES.	-	1-1/4"	-	4"	2"
U-1	URINAL	AMERICAN STANDARD WASHBROOK  WADE	ADA COMPLIANT URINAL: WHITE VITREOUS CHINA, WALL HUNG, 3/4" REAR SPUD 0.125 GALLON WASHDOWN FLUSHING ACTION. CARRIER: PROVIDE CARRIER AS REQUIRED TO SUIT APPLICATION.	SLOAN REGAL XL 111-XL 186-1.0	1.6 GPF, MANUAL FLUSHOMETER. ADA COMPLIANT CHROME FINISH  PROVIDE WALL AND SPUD FLANGES	-	3/4"	-	2"	1-1/2"
SH-1	SHOWER ADA	MPL COMPANY	ADA COMPLIANT SHOWER PAN: 32"X32", ALCOVE, CULTURED MARBLE, ZERO ENTRY RECESSED CENTER DRAIN, WHITE, WALLS BY ARCHITECT. PROVIDE MATCHING GRID SHOWER DRAIN WITH FINISH TO MATCH OTHER HARDWARE.	PEERLESS PRECEPT PTT188762 PTT24247	ADA COMPLIANT PRESSURE BALANCED SINGLE HANDLE MIXING VALVE, LEVER HANDLE, CHROME. ADA COMPLIANT FIXED SHOWERHEAD AND HAND SHOWER WITH DIVERTER VALVE. MULTI-FUNCTION. HAND SHOWER PROVIDED WITH BAR SLIDE. CHROME. 1.75GPM	-	1/2"	1/2"	2"	1-1/2"
L-1	WALL MOUNT LAVS	AMERICAN STANDARD OVALYN 0496.221.020	UNDERMOUNT OVAL SINK. 15-1/16" WIDE, 12-1/16" FRONT/BACK, 5-1/2" DEEP WHITE VITREOUS CHINA	CHICAGO FAUCETS 420-ABCP  LEONARD	4" FIXED CENTERS SINGLE LEVER FAUCET.  ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE	1,2,3	1/2"	1/2"	2"	1-1/2"
L-2	DROP IN LAVS	AMERICAN STANDARD LUCERNE 0355012.020	ADA COMPLIANT WALL HUNG LAVATORY. HOLES TO MATCH FAUCET: WHITE VITREOUS CHINA, WITH BACKSPLASH AND FRONT OVERFLOW. SEE ARCHITECTURAL FOR MOUNTING HEIGHTS	CHICAGO FAUCETS 420-ABCP  LEONARD	4" FIXED CENTERS SINGLE LEVER FAUCET.  ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE	1,2,3	1/2"	1/2"	2"	1-1/2"

NOTES:

- 1: PROVIDE CHROME PLATED BRASS P-TRAP.
- 2: PROVIDE BRASS STOPS AND FLEXIBLE RISERS.
- 3: INSULATE EXPOSED TAILPIECE, P-TRAP, AND WATER RISERS WITH TRUEBRO LAV GUARD MOLDED PROTECTIVE PIPE COVER OVER 1/2" FIBERGLASS INSULATION.

**DRAIN SCHEDULE**

MARK	MANUFACTURER/ MODEL	DESCRIPTION
FD-1	WADE W-1100-STD-6	CAST IRON DRAIN WITH ADJUSTABLE TOP AND 6" NICKEL BRASS STRAINER WITH VANDAL RESISTANT SCREWS. PROVIDE WITH PROSET TRAP GUARD BY PROVENT SYSTEMS INC.
FD-2	WADE W-2370-5	12"X12" DEEP SUMP FLOOR DRAIN. PROVIDE WITH PROSET TRAP GUARD BY PROVENT SYSTEMS INC.

NOTES:

- 1: REFER TO PLANS FOR OUTLET SIZES

**LIGHT FIXTURE SCHEDULE**

TYPE	DESCRIPTION	MOUNTING	SOURCE	VOLTS	MANUFACTURER	V-A
AER	EXISTING 2X2' TROFFER TO BE SALVAGED AND REUSED IN NEW WORK.	RECESSED	-	-	-	-
BER	EXISTING 2'-0" VANITY FIXTURE TO BE SALVAGED AND REUSED IN NEW WORK.	SURFACE	-	-	-	-
CER	EXISTING DOWNLIGHT TO BE SALVAGED AND REUSED IN NEW WORK.	RECESSED	-	-	-	-
DER	EXISTING 4'-0" VANITY FIXTURE TO BE SALVAGED AND REUSED IN NEW WORK.	SURFACE	-	-	-	-
GER	EXISTING 2x4 TROFFER TO BE SALVAGED AND REUSED IN NEW WORK.	RECESSED	-	-	-	-
V	2'-0" VANITY FIXTURE WITH ACRYLIC LENS	SURFACE	LED 1300 LUMENS 3000K 80 CRI	UNV	LITHONIA FMVTSL OR APPROVED EQUAL	9.5

**DOMESTIC WATER BOOSTER PUMP SCHEDULE**

DESIGNATION	DWBP-1
MANUFACTURER	GRUNDFOS
MODEL	CME 10-2
SERVICE	DOMESTIC CW
PUMP TYPE	BOOSTER
SYSTEM SIZE (L X W X H) (IN)	18X11.5X11.8
GPM	60
HEADER SIZE (IN.)	2"
BOOST PSI	45
BOOSTER SETPOINT PSI	80
PUMP RPM	3367
MOTOR HORSEPOWER	3
FLA	7.9
PANEL & CIRCUIT	
WIRE & CONDUIT	
VOLTAGE/PHASE	208/3
OVERCURRENT DEVICE	
DISCONNECT	INTEGRAL (NOTE 4)
STARTER	INTEGRAL
COMBINATION STARTER	-
CONTROL	STAND-ALONE
REFERENCE DRAWING/DETAIL	P1.0
REMARKS	1

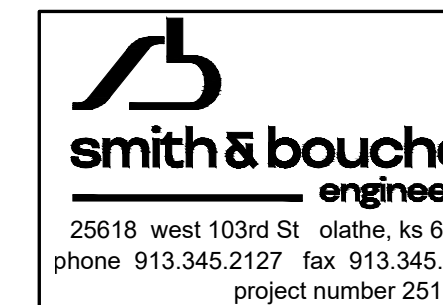
NOTES:

- 1: PRESSURE SENSOR TO BE MOUNTED DOWNSTREAM OF WATER SOFTENER.
- 2: PROVIDE FLEX CONNECTORS AND VIBRATION ISOLATION KIT. FIELD INSULATE HEADER. REFER TO SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
- 3: BOOSTER PUMP IS TO ONLY PROVIDE A MAXIMUM PRESSURE OF 80PSI. CURRENT FLOW TESTS INDICATE A PRESSURE OF 40 PSI.
- 4: PER MANUFACTURER: IF SYSTEM CANNOT BE INSTALLED WITH SUPPLY DISCONNECTING DEVICE LOCATED MINIMUM 2FT ABOVE SERVICE LEVEL, INSTALL SYSTEM WITH 60A/40AF/3PH DISCONNECT.

**OCCUPANCY CONTROL DEVICE SCHEDULE**

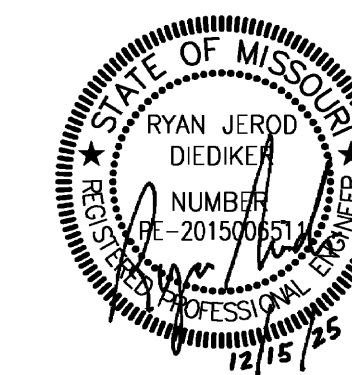
SYMBOL	DESCRIPTION	DETECTION TYPE	SETTINGS (TYPICAL)	MANUFACTURER/MODEL	NOTES
\$vs	WALL MOUNTED SWITCH/VACANCY SENSOR LINE VOLTAGE - SINGLE RELAY	PASSIVE INFRARED	ON: MANUAL OFF: 20 MINUTE DELAY	WATTSTOPPER CS-50	1,2

- NOTE 1: THE MANUFACTURERS AND MODELS LISTED ARE BASIS OF DESIGN, ALL PRODUCT SUBSTITUTIONS SUBMITTED MUST BE APPROVED AS EQUAL. RE: PLANS FOR QUANTITIES.  
NOTE 2: ALL WALL MOUNTED LIGHTING CONTROLS MUST HAVE MATCHING FINISHES TO THOSE LISTED IN SPECIFICATION SECTION 262726 - WIRING DEVICES.  
NOTE 3: SENSOR LOCATIONS SHOWN ON FLOOR PLANS ARE GENERIC, CONTRACTOR TO MODIFY LOCATIONS AS REQUIRED BASED COVERAGE CAPABILITIES OF SUBMITTED PRODUCTS.  
NOTE 4: MODIFY LOCATIONS OF CEILING MOUNTED OCCUPANCY SENSORS AS REQUIRED SO THAT NO OCCUPANCY SENSOR IS WITHIN 4'-0" OF AN HVAC SUPPLY DIFFUSER.  
NOTE 5: DEVICE SHALL CONNECT TO UTILITY POWER BRANCH DURING NORMAL OPERATION, AND SWITCH TO GENERATOR BRANCH CIRCUIT DURING A LOSS OF UTILITY POWER CIRCUIT.



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PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

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DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:

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DETAILS

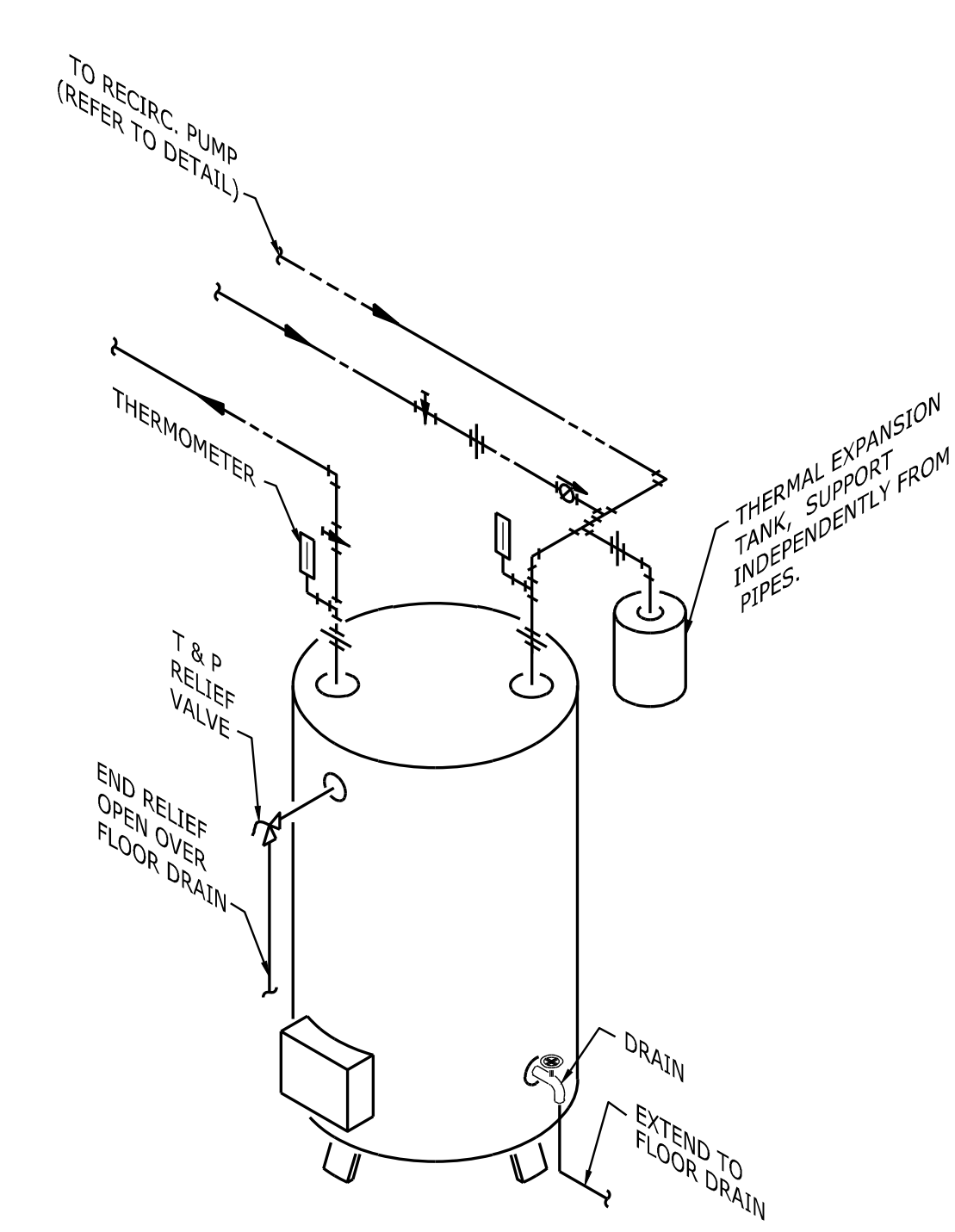
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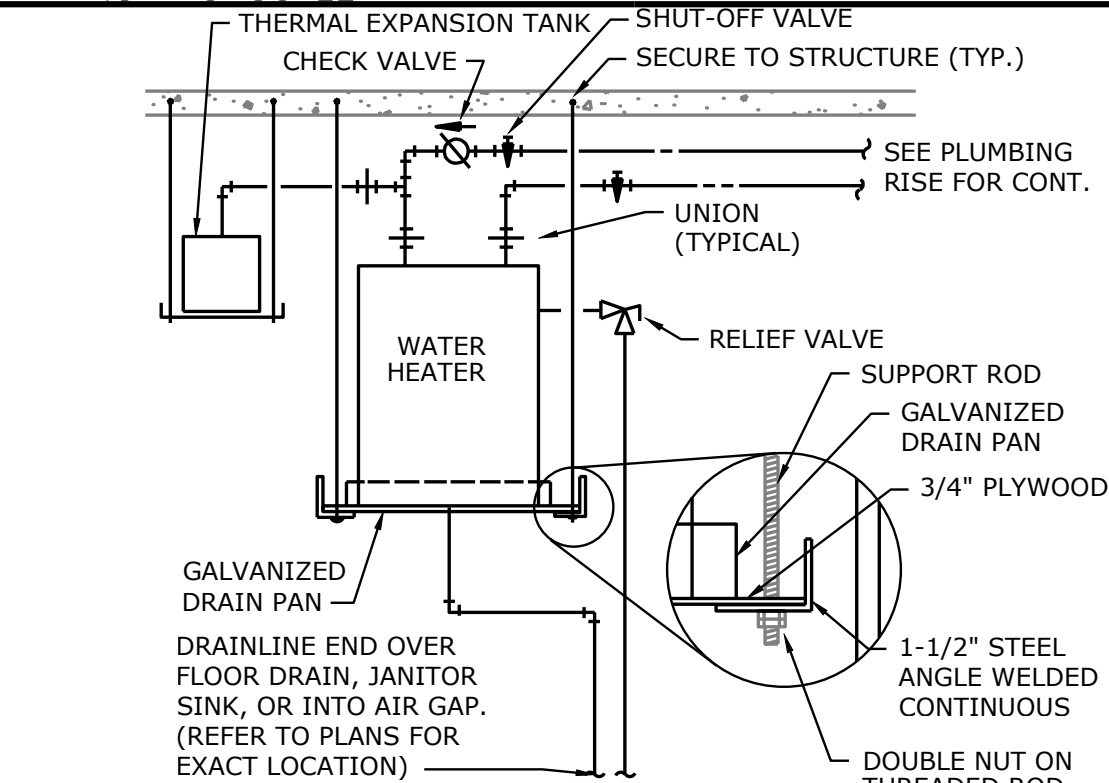
21 OF 35 SHEETS

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engineers

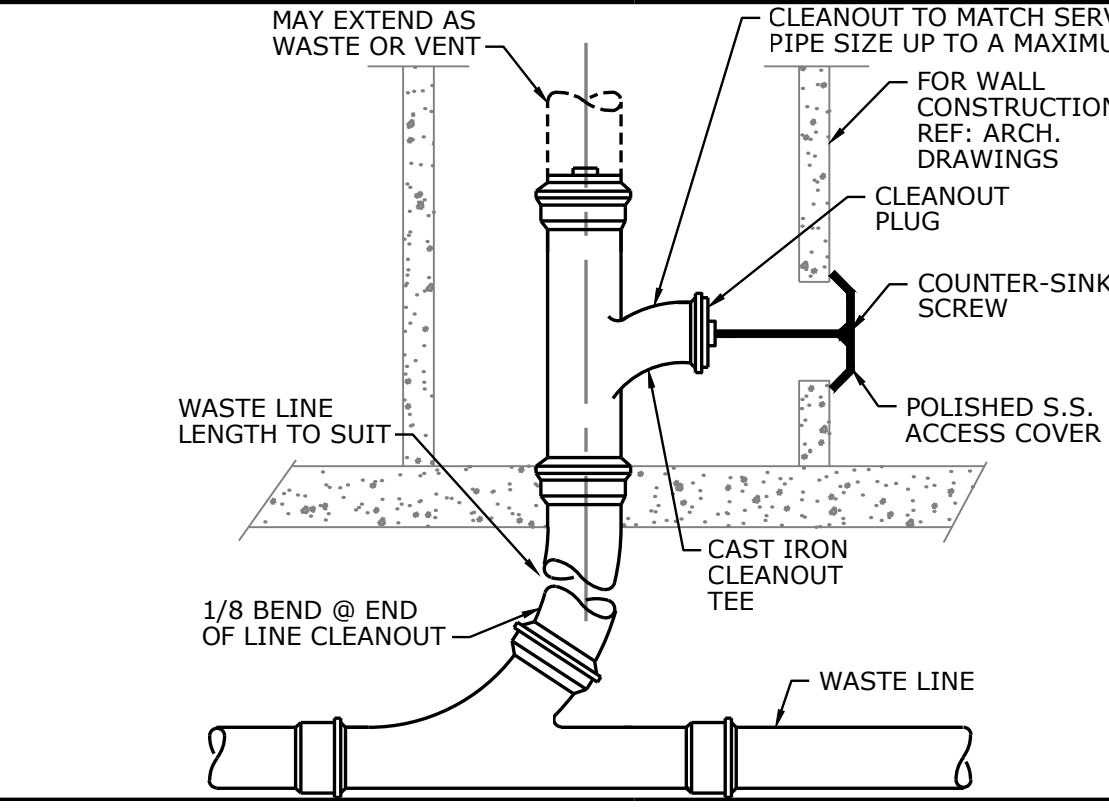
25618 west 103rd St. olathe, ks 66061  
phone 913.345.2127 fax 913.345.0617  
project number 2518600



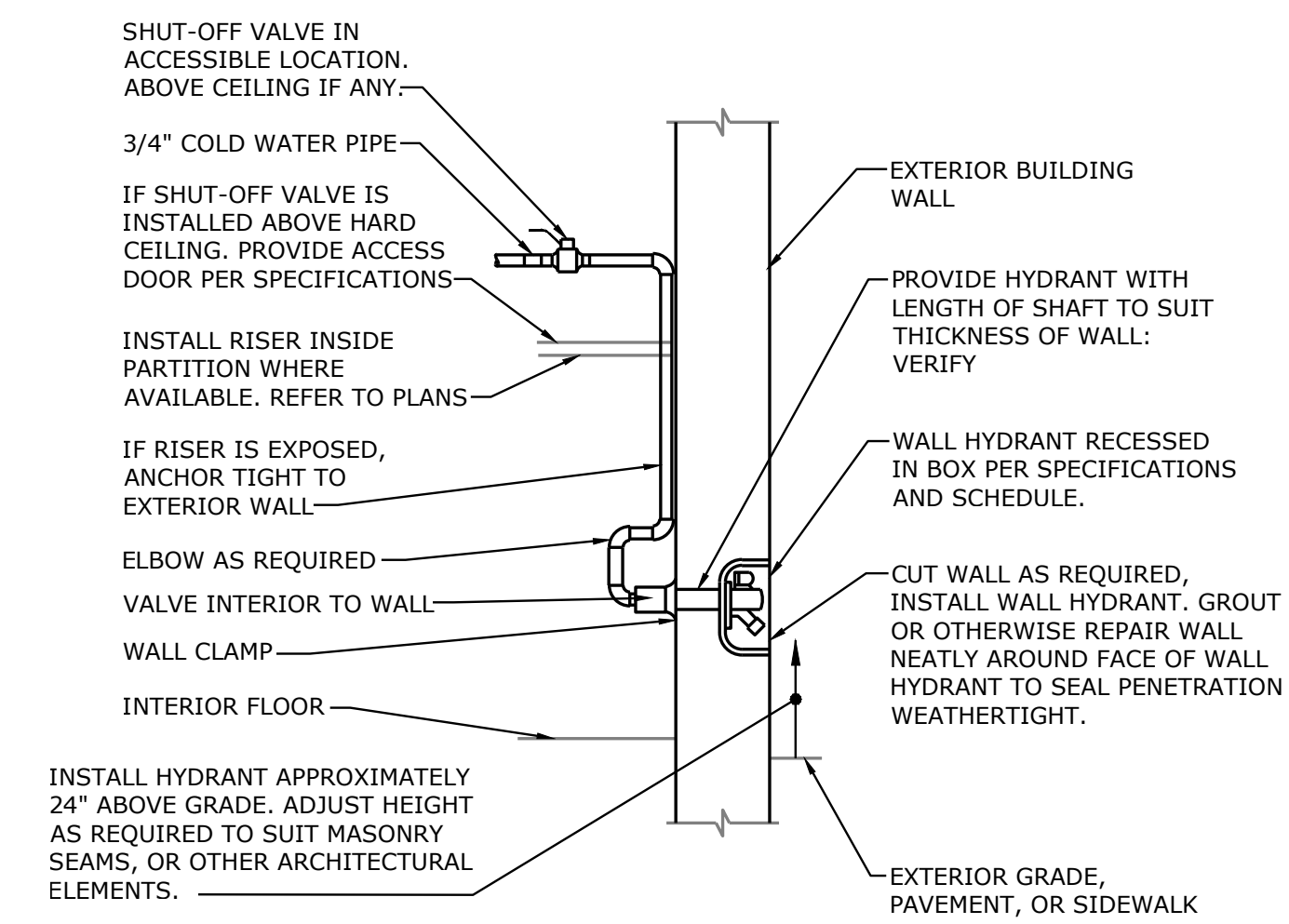
**ELECTRIC WATER HEATER DETAIL WITH RECIRC**  
NOT TO SCALE



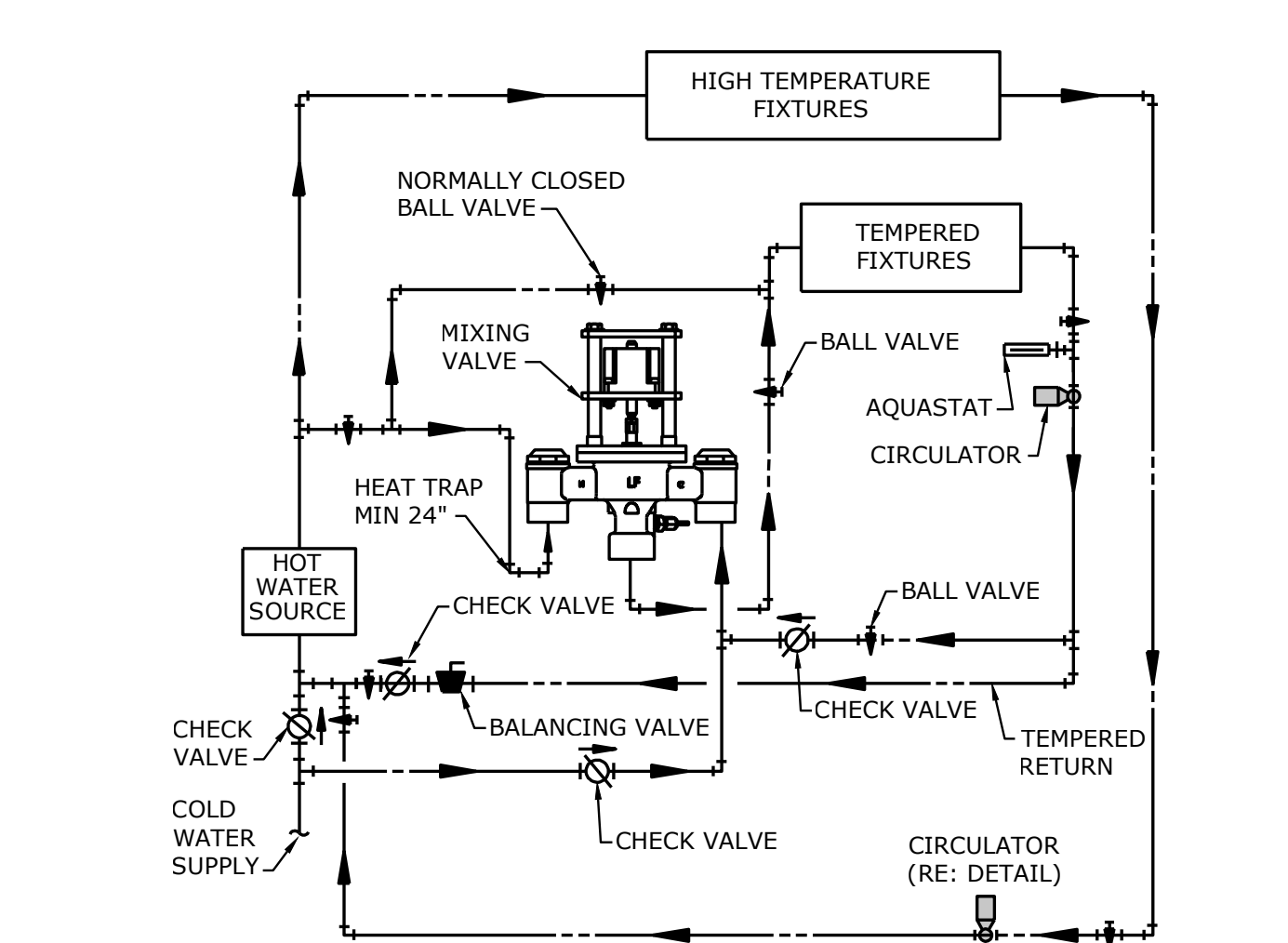
**SUSPENDED WATER HEATER DETAIL**  
NOT TO SCALE



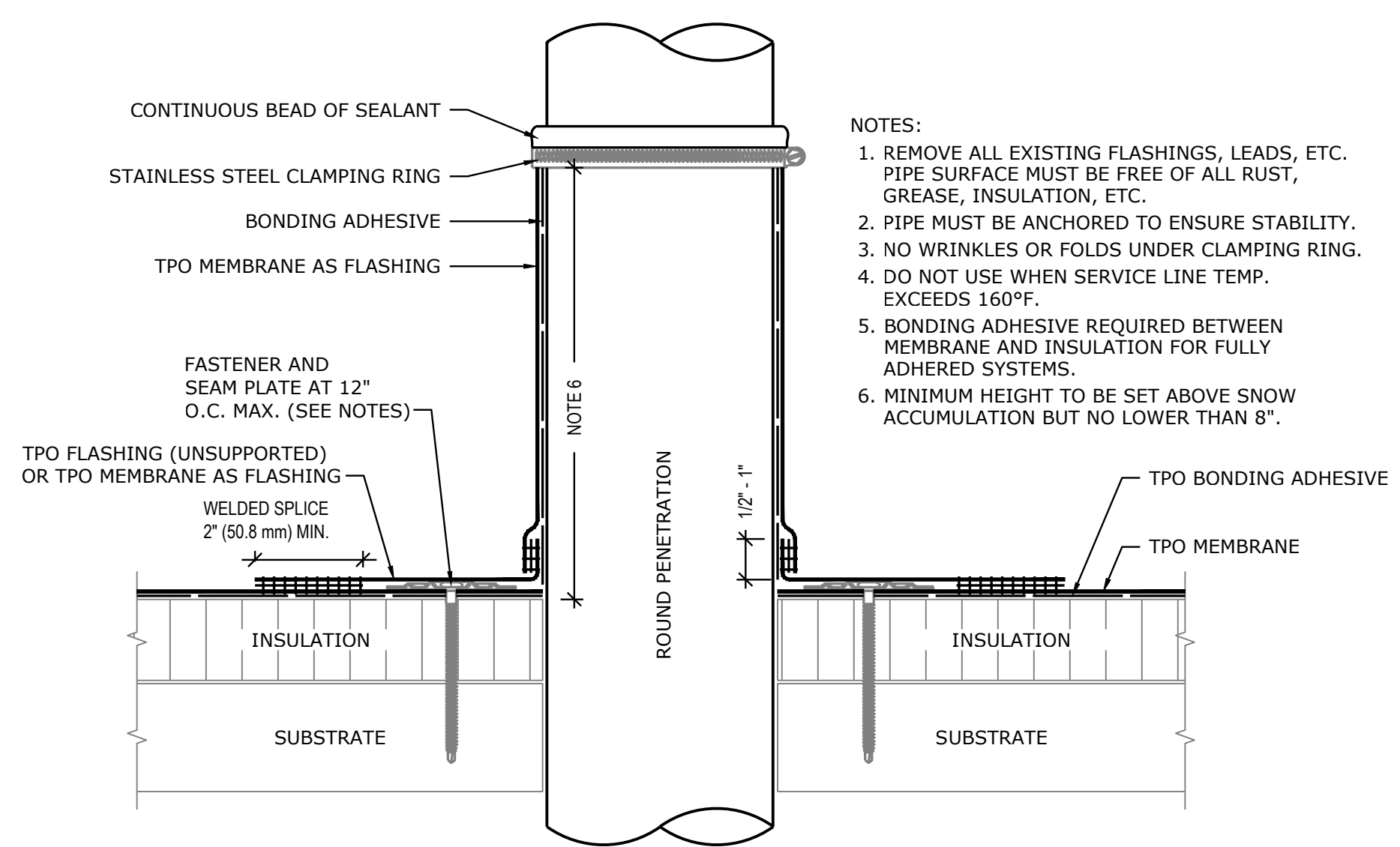
**WALL CLEANOUT**  
NOT TO SCALE



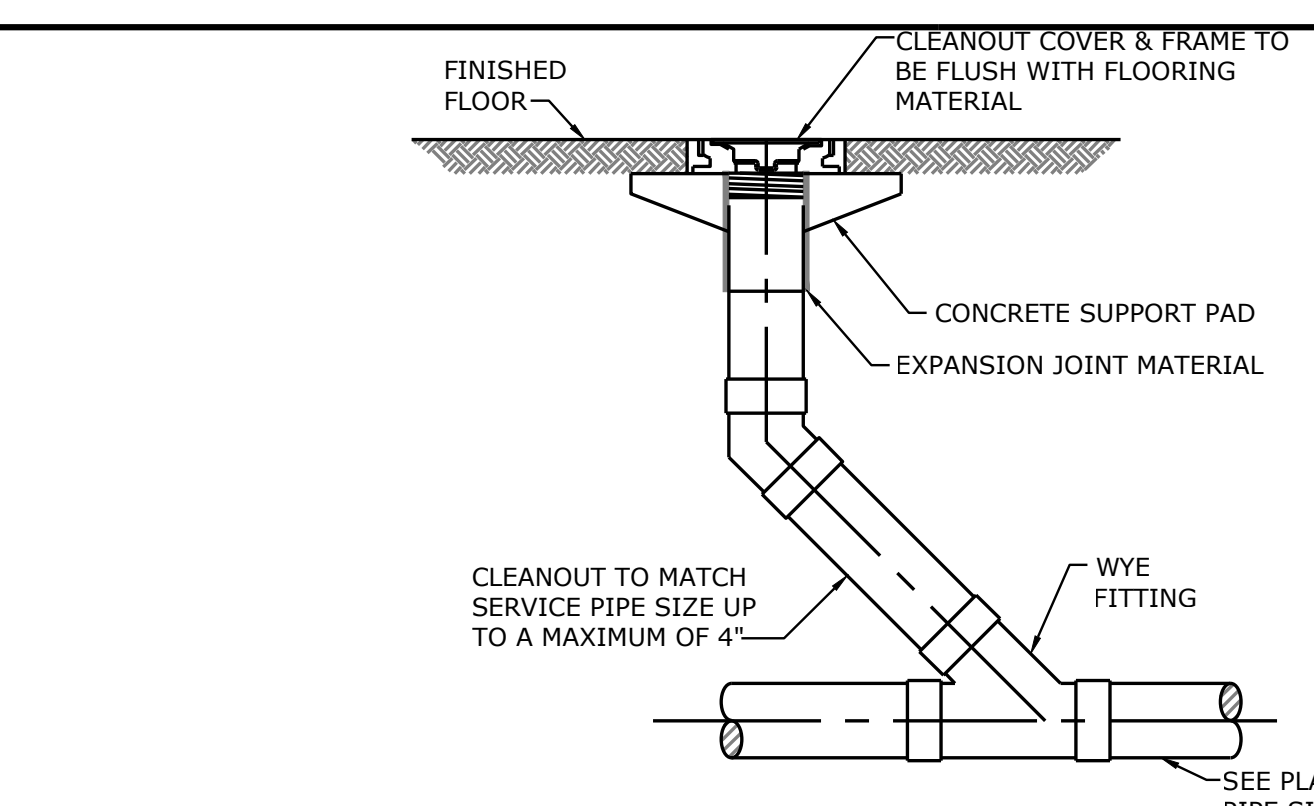
**WALL HYDRANT INSTALLATION DETAIL**  
NO SCALE



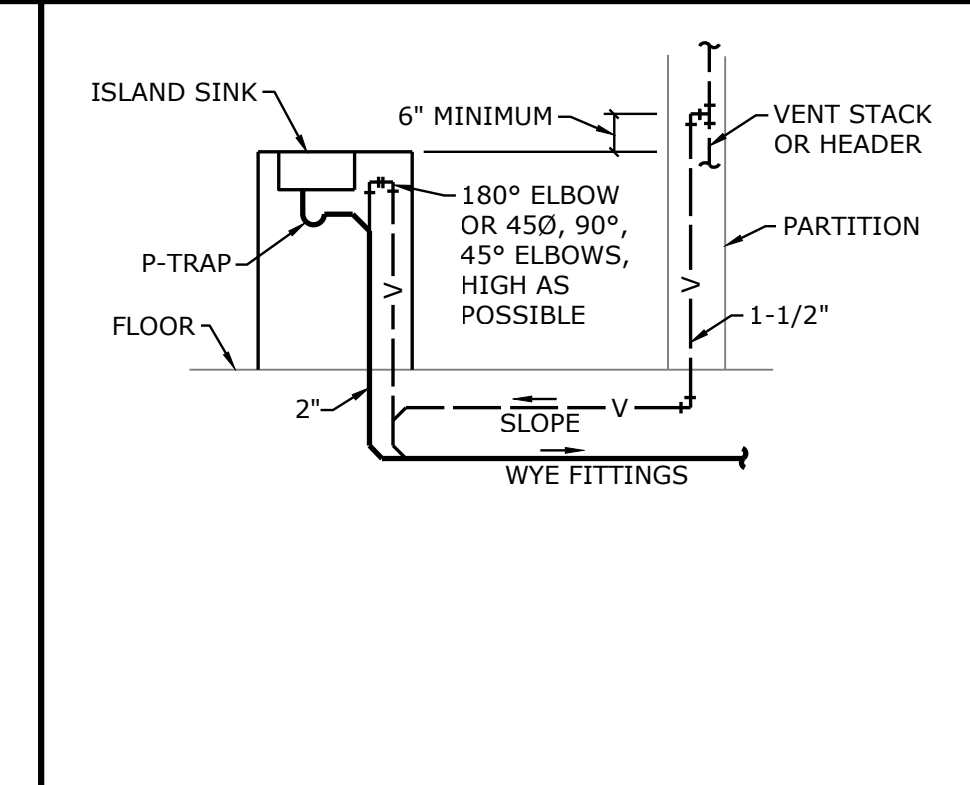
**DIGITAL MIXING VALVE ASSEMBLY**  
NOT TO SCALE



**ROOF PENETRATION DETAIL**  
NOT TO SCALE

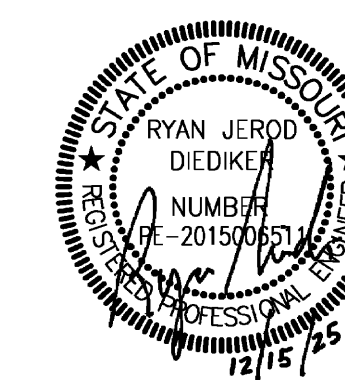


**FINISH FLOOR CLEANOUT DETAIL**  
NO SCALE



**ISLAND SINK VENTING DETAIL**  
NOT TO SCALE

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ASSET # 8136006005  
BUILDING # 8136006005

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DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:  
**DEMO PLUMBING  
UNDERSLAB PLAN  
- LEVEL 1**

SHEET NUMBER:

**DP-001**

22 OF 35 SHEETS

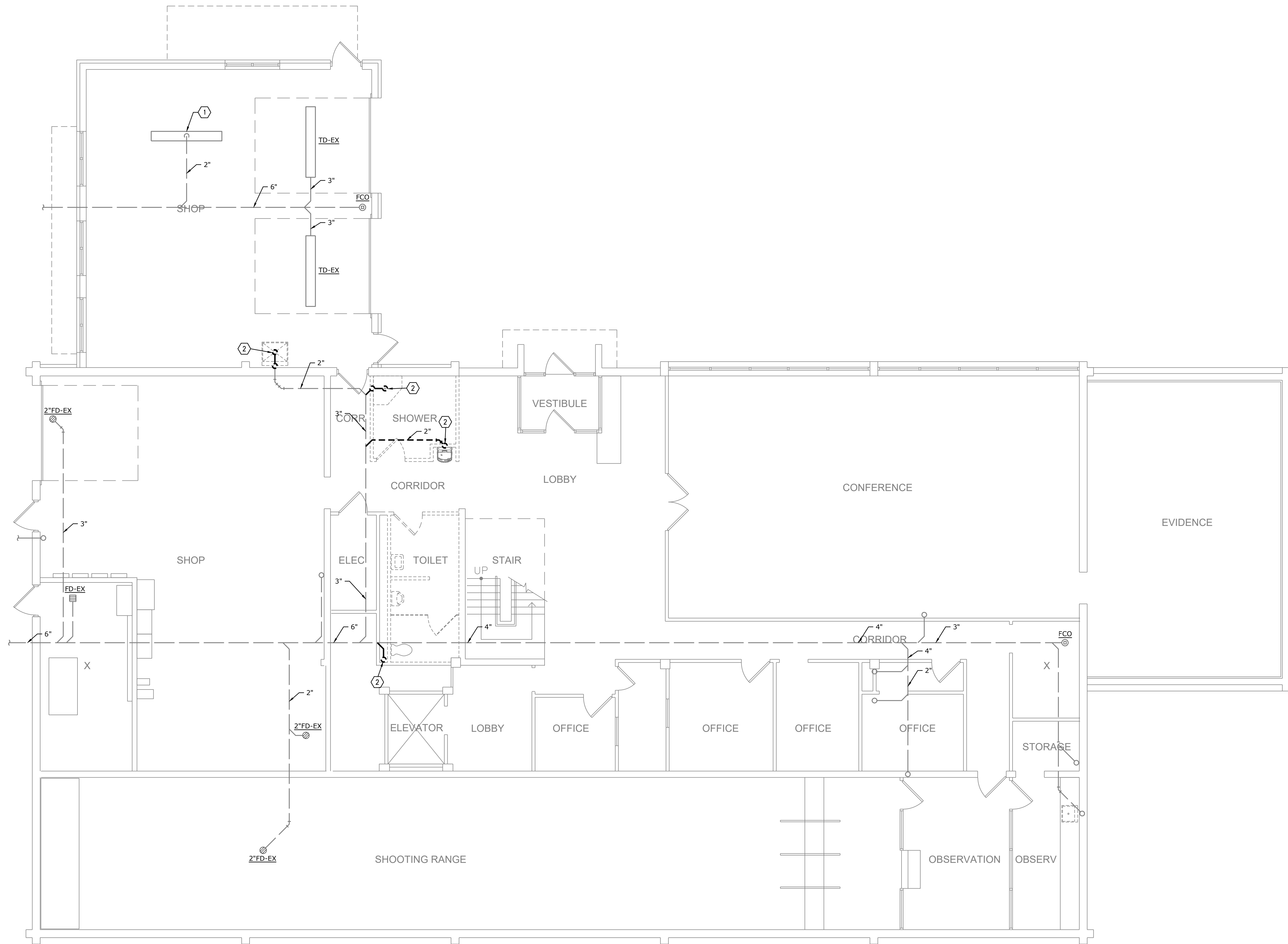
DEMOLITION GENERAL NOTES:

1. REFER TO P0.1.

DEMOLITION PLAN NOTES:

① CONNECTION TO SUMP PUMP FOR AUTO LIFT.

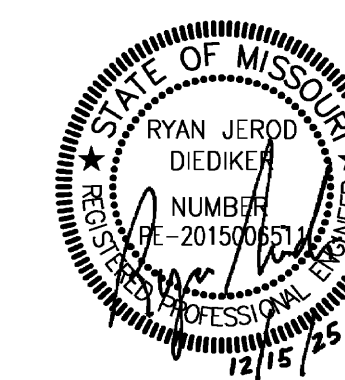
② REMOVE EXISTING PLUMBING SERVING FIXTURE  
BACK TO LOCATION SHOWN AND PREPARE FOR  
RECONNECTION OR CAP.



**DEMO PLUMBING UNDERSLAB PLAN - LEVEL 1**  
SCALE: 3/16"=1'-0"

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25618 west 103rd St. olathe, ks 66061  
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project number 2518600

PROJECT NAME: 2518600 TROOP E RESTROOMS  
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DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:  
**DEMO  
PLUMBING  
PLAN - LEVEL 1**

SHEET NUMBER:  
**DP-100**

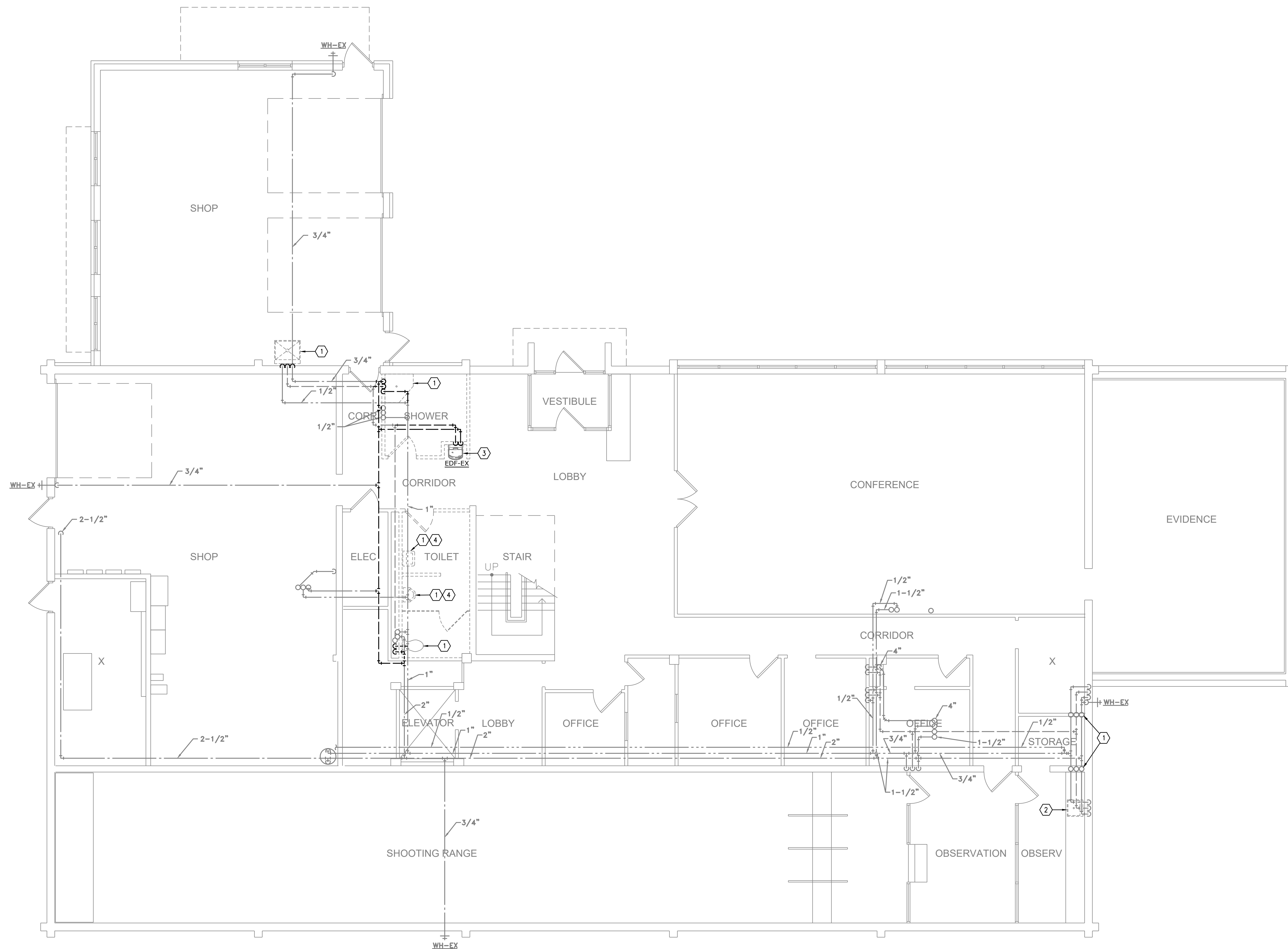
23 OF 35 SHEETS

DEMOLITION GENERAL NOTES:

1. REFER TO SHEET P0.1.

DEMOLITION PLAN NOTES:

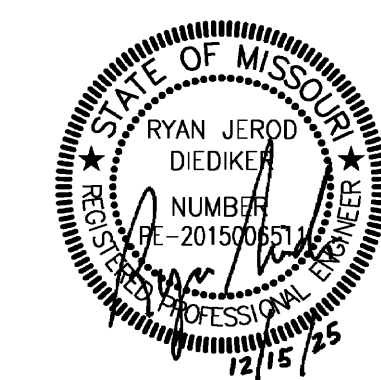
- ① PLUMBING FIXTURE IS TO BE DEMOLISHED AND SALVAGED. AGENCY IS TO BE GIVEN FIRST RIGHT OF REFUSAL FOR ALL DEMOLISHED FIXTURES.
- ② PLUMBING FIXTURE IS EXISTING TO REMAIN.
- ③ DRINKING FOUNTAIN FIXTURE IS TO BE SALVAGED, RELOCATED, AND REINSTALLED.
- ④ RETAIN EXISTING PLUMBING CONNECTION FOR REUSE UNDER NEW WORK.



**DEMO PLUMBING PLAN - LEVEL 1**  
SCALE: 3/16"=1'-0"

**smith & boucher**  
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POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:  
**DEMO  
PLUMBING  
PLAN - LEVEL 2**

SHEET NUMBER:  
**DP-101**

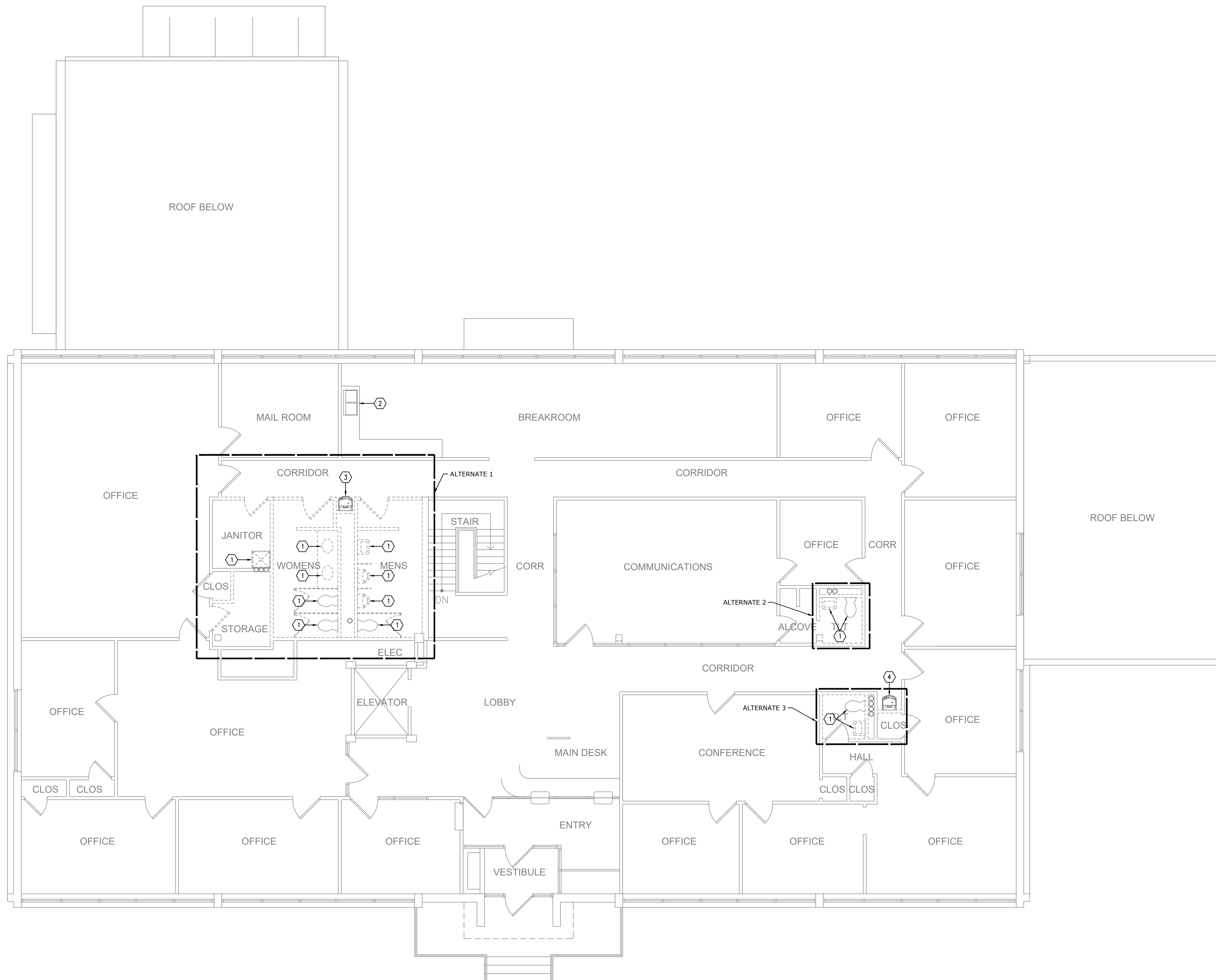
24 OF 35 SHEETS

**GENERAL NOTES:**

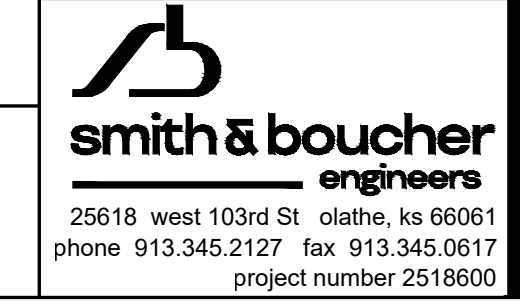
- REFER TO SHEET P0.1 FOR GENERAL NOTES.

**DEMOLITION PLAN NOTES:**

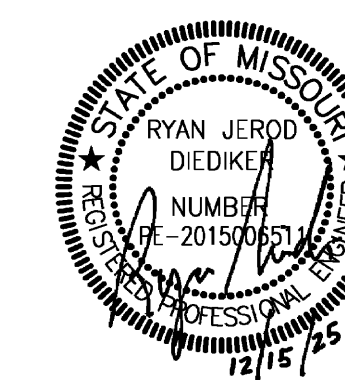
- PLUMBING FIXTURE IS TO BE DEMOLISHED AND SALVAGED. AGENCY IS TO BE GIVEN FIRST RIGHT OF REFUSAL FOR ALL DEMOLISHED FIXTURES. RETAIN EXISTING PIPING CONNECTIONS FOR REUSE.
- BREAKROOM SINK AND ALL PIPING CONNECTIONS ARE EXISTING TO REMAIN.
- DRINKING FOUNTAIN IS TO BE SALVAGED, RELOCATED, AND REINSTALLED.
- PLUMBING FIXTURE TO BE REMOVED IN ITS ENTIRETY INCLUDING ALL ASSOCIATED PIPING AND SUPPORTS BACK TO NEAREST DEVICE SCHEDULED TO REMAIN. SALVAGE PLUMBING FIXTURE. AGENCY IS TO BE GIVEN FIRST RIGHT OF REFUSAL FOR DEMOLISHED FIXTURE.



**DEMO PLUMBING PLAN - LEVEL 2**  
SCALE: 3/16"=1'-0"



PROJECT NAME: 2518600 TROOP E RESTROOMS  
AUTOCAD FILE LOCATION \NAME:  
LAST CORRECTION BY: DATE: TIME:  
PLOTTED BY: DATE: TIME:  
C:\SBI\Smith & Boucher, Inc\SANDBINC365 - Documents\2518600 Troop E Renov\Drawings\04-2518600\_DP-101.dwg  
Monday, December 15, 2025 3:38:15 PM  
Monday, December 15, 2025 4:29:06 PM  
Booby Charles



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4869-5199 US-67  
POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:  
**PLUMBING  
UNDERSLAB  
PLAN - LEVEL 1**

SHEET NUMBER:  
**P-001**  
25 OF 35 SHEETS

25618 west 103rd St. olathe, ks 66061  
phone 913.345.2127 fax 913.345.0617  
project number 2518600

**GENERAL NOTES:**

- INFORMATION SHOWN ON THE DRAWINGS IS INTENDED TO CONVEY SCOPE AND IS ARRANGED FOR DRAWING CLARITY. IT IS NOT TO BE TAKEN AS AN AS-BUILT CONDITION. THE SYSTEM INSTALLATION SHALL BE COORDINATED WITH STRUCTURE, CEILINGS, WALLS AND ALL OTHER TRADES TO PROVIDE FOR A COMPLETE AND WORKING SYSTEM.
- CAREFULLY COORDINATE PIPE ROUTING WITH NEW AND EXISTING STRUCTURE AS WELL AS ALL OTHER TRADES TO MAINTAIN EQUIPMENT CLEARANCES AND DESIRED CEILING HEIGHTS.
- COORDINATE ALL PIPING PENETRATIONS WITH STRUCTURAL PRIOR TO CORE DRILLING.
- PROVIDE SHUT OFF VALVES ABOVE ACCESSIBLE CEILING OR OTHER ACCESSIBLE LOCATION FOR ALL BRANCH PIPING AND INDIVIDUAL CONNECTIONS TO PLUMBING FIXTURES. WHERE STOPS ARE PROVIDED FOR INDIVIDUAL FIXTURES SHUT OFF VALVES ARE ALSO REQUIRED AT THE BRANCH CONNECTION. PLUMBING STOPS ARE NOT CONSIDERED A SUBSTITUTE FOR SHUT OFF VALVES.
- AVOID ROUTING ANY PIPING THROUGH IT ROOMS OR ELECTRIC ROOMS. IN THE EVENT IT IS ABSOLUTELY NECESSARY, COORDINATE THE EXACT LOCATION SUCH THAT IT IS NOT DIRECTLY ABOVE ANY PANELS OR EQUIPMENT.
- PROVIDE FIRESTOPPING AT PENETRATIONS OF ALL RATED WALLS. REFER TO CODE PLANS FOR LOCATIONS OF RATED WALLS.
- ALL HOT WATER RECIRC BALANCE DEVICES SHALL BE 1 GPM CIRCUIT SETTERS UNLESS OTHERWISE NOTED.
- NOTIFY THE AGENCY AND OWNER'S REPRESENTATIVE, IN WRITING, AT LEAST SEVEN (7) DAYS IN ADVANCE OF ALL REQUIRED SHUTDOWNS OF WATER, FIRE, SEWER, GAS, ELECTRICAL SERVICE, OR OTHER UTILITIES. UPON WRITTEN RECEIPT OF APPROVAL FROM AGENCY, SHUTDOWN SHALL BE PERFORMED BETWEEN THE HOURS OF SIX (6) P.M. AND SIX (6) A.M. OR AS DIRECTED OTHERWISE BY THE OWNER AND SHALL BE ACCOMPLISHED AT NO ADDITIONAL CONTRACT COST. AT THE END OF EACH SHUTDOWN ALL SERVICES SHALL BE RESTORED SO THAT NORMAL USE OF THE UTILITIES CAN CONTINUE.
- WHEN WORKING IN AND AROUND THE EXISTING BUILDING, EXTREME CARE SHALL BE EXERCISED WITH REGARD TO PROTECTION OF THE EXISTING STRUCTURE AND MECHANICAL AND ELECTRICAL SERVICES WHICH WILL REMAIN. REPAIR, REPLACE, OR RESTORE TO THE SATISFACTION OF THE ENGINEER AND AGENCY ALL EXISTING WORK DAMAGED IN THE PERFORMANCE OF DEMOLITION AND/OR NEW WORK.

**GENERAL NOTES:**

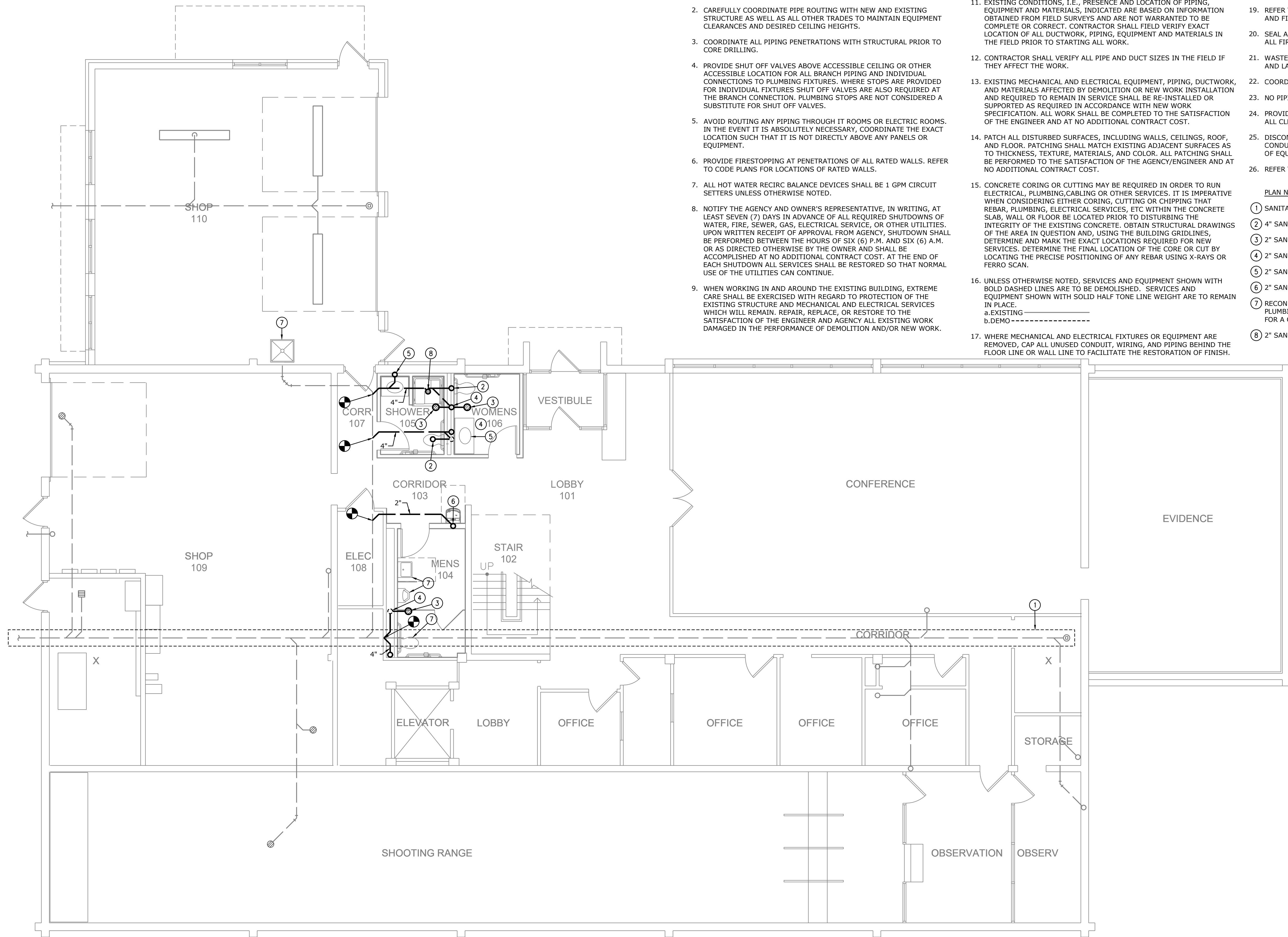
- ALL EXISTING PIPING, EQUIPMENT, AND MATERIALS NOT REQUIRED FOR RE-USE OR RE-INSTALLATION(SHOWN OR OTHERWISE) SHALL BE REMOVED UNLESS THEY ARE REQUIRED FOR MAINTAINING BUILDING AND SYSTEM OPERATIONS.
- EXISTING CONDITIONS, I.E., PRESENCE AND LOCATION OF PIPING, EQUIPMENT AND MATERIALS, INDICATED ARE BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS AND ARE NOT WARRANTED TO BE COMPLETE OR CORRECT. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF ALL DUCTWORK, PIPING, EQUIPMENT AND MATERIALS IN THE FIELD PRIOR TO STARTING ALL WORK.
- CONTRACTOR SHALL VERIFY ALL PIPE AND DUCT SIZES IN THE FIELD IF THEY AFFECT THE WORK.
- EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT, PIPING, DUCTWORK, AND MATERIALS AFFECTED BY DEMOLITION OR NEW WORK INSTALLATION AND REQUIRED TO REMAIN IN SERVICE SHALL BE RE-INSTALLED OR SUPPORTED AS REQUIRED IN ACCORDANCE WITH NEW WORK SPECIFICATION. ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER AND AT NO ADDITIONAL CONTRACT COST.
- PATCH ALL DISTURBED SURFACES, INCLUDING WALLS, CEILINGS, ROOF, AND FLOOR. PATCHING SHALL MATCH EXISTING ADJACENT SURFACES AS TO THICKNESS, TEXTURE, MATERIALS, AND COLOR. ALL PATCHING SHALL BE PERFORMED TO THE SATISFACTION OF THE AGENCY/ENGINEER AND AT NO ADDITIONAL CONTRACT COST.
- CONCRETE CORING OR CUTTING MAY BE REQUIRED IN ORDER TO RUN ELECTRICAL, PLUMBING, CABLING OR OTHER SERVICES. IT IS IMPERATIVE WHEN CONSIDERING EITHER CORING, CUTTING OR CHIPPING THAT REBAR, PLUMBING, ELECTRICAL SERVICES, ETC WITHIN THE CONCRETE SLAB, WALL OR FLOOR BE LOCATED PRIOR TO DISTURBING THE INTEGRITY OF THE EXISTING CONCRETE. OBTAIN STRUCTURAL DRAWINGS OF THE AREA IN QUESTION AND, USING THE BUILDING GRIDLINES, DETERMINE AND MARK THE EXACT LOCATIONS REQUIRED FOR NEW SERVICES. DETERMINE THE FINAL LOCATION OF THE CORE OR CUT BY LOCATING THE PRECISE POSITIONING OF ANY REBAR USING X-RAYS OR FERRO SCAN.
- UNLESS OTHERWISE NOTED, SERVICES AND EQUIPMENT SHOWN WITH BOLD DASHED LINES ARE TO BE DEMOLISHED. SERVICES AND EQUIPMENT SHOWN WITH SOLID HALF TONE LINE WEIGHT ARE TO REMAIN IN PLACE.  
a. EXISTING \_\_\_\_\_  
b. DEMO - - - - -
- WHERE MECHANICAL AND ELECTRICAL FIXTURES OR EQUIPMENT ARE REMOVED, CAP ALL UNUSED CONDUIT, WIRING, AND PIPING BEHIND THE FLOOR LINE OR WALL LINE TO FACILITATE THE RESTORATION OF FINISH.

**GENERAL NOTES:**

- PROVIDE FOR THE CONTINUITY OF ALL REMAINING SERVICES, SYSTEMS, AND CIRCUITS. RELOCATE AND RECONNECT ANY MECHANICAL PLUMBING AND ELECTRICAL FACILITIES THAT MUST BE RELOCATED IN ORDER TO ACCOMPLISH THE REMODELING SHOWN IN THE DRAWINGS OR INDICATED IN THE SPECIFICATIONS.
- REFER TO PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION AND FIXTURE CONNECTION SIZES.
- SEAL ALL PENETRATIONS AS REQUIRED TO MAINTAIN ALL RATINGS FOR ALL FIRE RESISTANCE-RATED CONSTRUCTIONS.
- WASTE PIPING SHALL BE ROUTED AT A SLOPE OF 1/8" PER FOOT FOR 3" AND LARGER, AND 1/4" PERFOOT FOR 2" AND SMALLER.
- COORDINATE ROUTING OF PLUMBING SYSTEMS WITH ALL OTHER TRADES.
- NO PIPING TO BE ROUTED ABOVE ELECTRICAL/DATA/TELECOMM ROOMS.
- PROVIDE CLEANOUTS AS REQUIRED PER CODE AND SPECIFICATIONS. NOT ALL CLEANOUTS ARE SHOWN ON PLANS.
- DISCONNECT AND REMOVE ALL DUCTWORK, PIPING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED.
- REFER TO SHEET ME1.0 FOR SYMBOLS LEGEND.

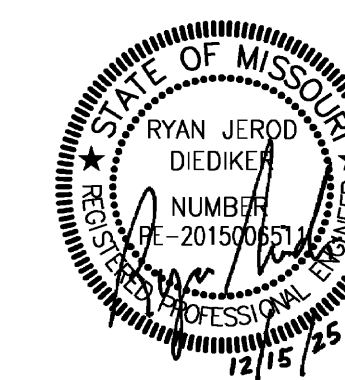
**PLAN NOTES:**

- SANITARY MAIN IN THIS AREA IS TO BE SLEEVED.
- 4" SANITARY UP TO WATER CLOSET.
- 2" SANITARY UP TO FLOOR DRAIN.
- 2" SANITARY UP TO 1-1/2" VENT.
- 2" SANITARY UP TO LAVATORY/SINK.
- 2" SANITARY UP TO DRINKING FOUNTAIN.
- RECONNECT EXISTING PLUMBING RETAINED DURING DEMOLITION TO NEW PLUMBING FIXTURE. MODIFY/EXTEND EXISTING PIPING AS NECESSARY FOR A COMPLETE INSTALLATION.
- 2" SANITARY UP TO SHOWER.



**PLUMBING UNDERSLAB PLAN - LEVEL 1**  
SCALE: 3/16"=1'-0"

PROJECT NAME: 2518600 TROOP E RESTROOMS  
AUTOCAD FILE LOCATION: C:\SBI\Smith & Boucher Inc\SANDBINC365 - Documents\2518600\2518600\_P-001.dwg  
LAST CORRECTION BY: PPatro Monday, December 15, 2025 3:47:26 PM  
PLOTTED BY: Booty Charles Monday, December 15, 2025 4:29:12 PM



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BUILDING

M.S.H.P. TROOP E  
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4869-5199 US-67  
POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:

PLUMBING  
PLAN - LEVEL 1

SHEET NUMBER:

**P-100**

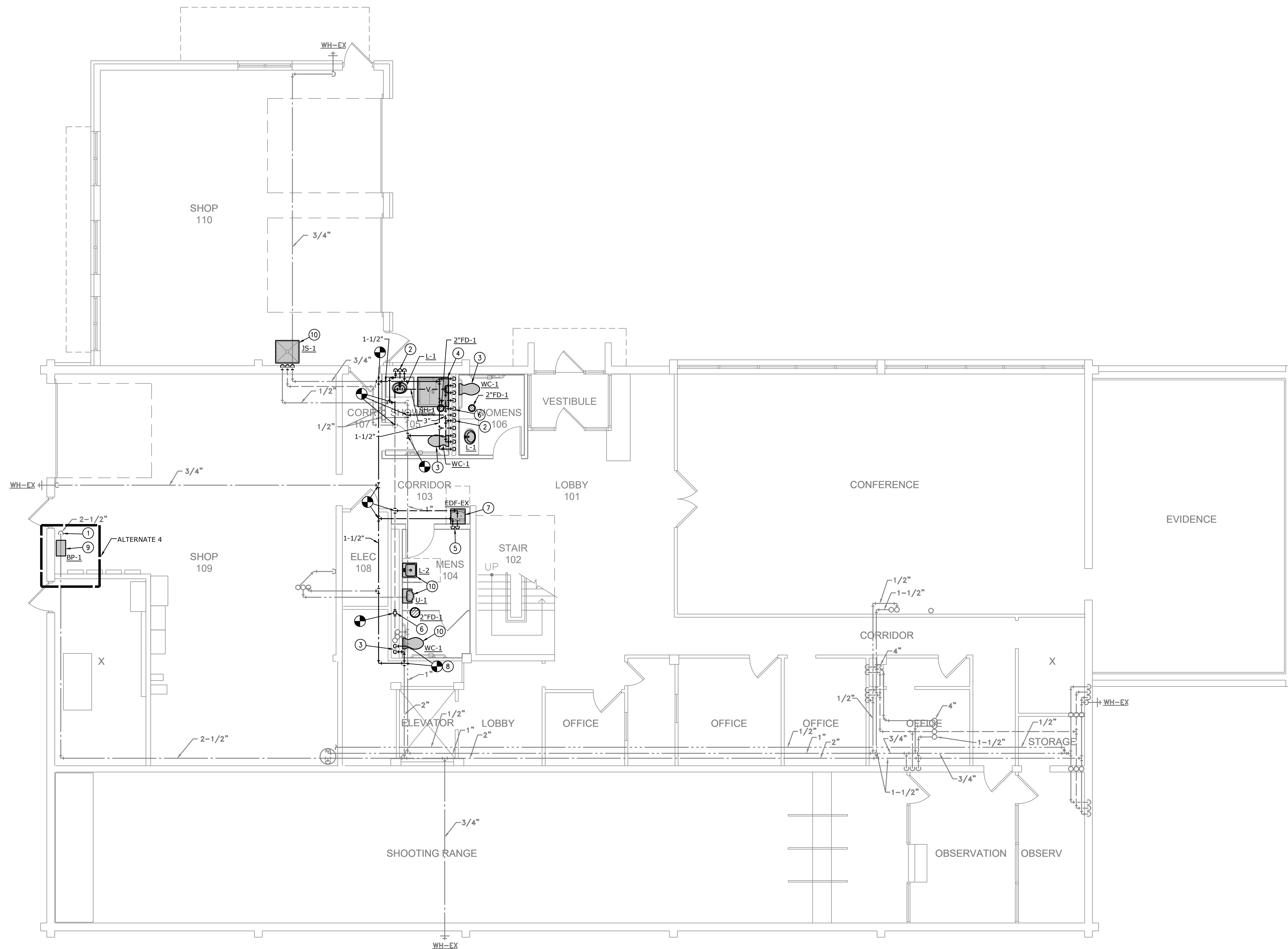
26 OF 35 SHEETS

GENERAL NOTES:

1. REFER TO SHEET P0.1 FOR GENERAL NOTES.

PLAN NOTES:

- 1 EXISTING DOMESTIC WATER SERVICE ENTRANCE.
- 2 1/2" CW, 1/2" HW, AND 1-1/2" V DOWN TO SINK/LAVATORY.
- 3 1-1/2" CW AND 2" V DOWN TO WATER CLOSET.
- 4 3/4" CW, 3/4" HW, AND 1-1/2" VENT DOWN TO SHOWER.
- 5 1/2" CW AND 1-1/2" V DOWN TO DRINKING FOUNTAIN.
- 6 1-1/2" VENT DOWN TO SERVE FLOOR DRAIN(S).
- 7 DRINKING FOUNTAIN IS RELOCATED EXISTING FIXTURE.
- 8 CONTRACTOR TO FIELD CONFIRM EXISTING PIPE SIZES MATCH CALLED OUT SIZE, FOR BRANCHES WHERE THEY WILL TIE INTO EXISTING. (TYP. FOR ALL).
- 9 BOOSTER PUMP TO BE PRICED AS AN ALTERNATE TO MAINTAIN 80PSI OUTPUT.
- 10 CONNECT PLUMBING FIXTURE TO EXISTING PIPING RETAINED DURING DEMOLITION. MODIFY AS REQUIRED FOR A COMPLETE INSTALLATION.

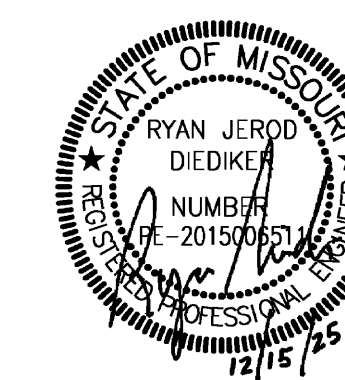


**PLUMBING PLAN - LEVEL 1**  
SCALE: 3/16"=1'-0"

**smith & boucher**  
engineers

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phone 913.345.2127 fax 913.345.0617  
project number 2518600

PROJECT NAME: 2518600 TROOP E RESTROOMS  
AUTOCAD FILE LOCATION: C:\SBI\Smith & Boucher Inc\SANDBINC365 - Documents\2518600 Troop E Renov\Drawings\04-2518600\_P-100.dwg  
LAST CORRECTION BY: PPatro Monday, December 15, 2025 3:47:24 PM  
PLOTTER BY: SBI Monday, December 15, 2025 4:29:18 PM



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POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
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DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:

**PLUMBING  
PLAN - LEVEL 2**

SHEET NUMBER:

**P-101**

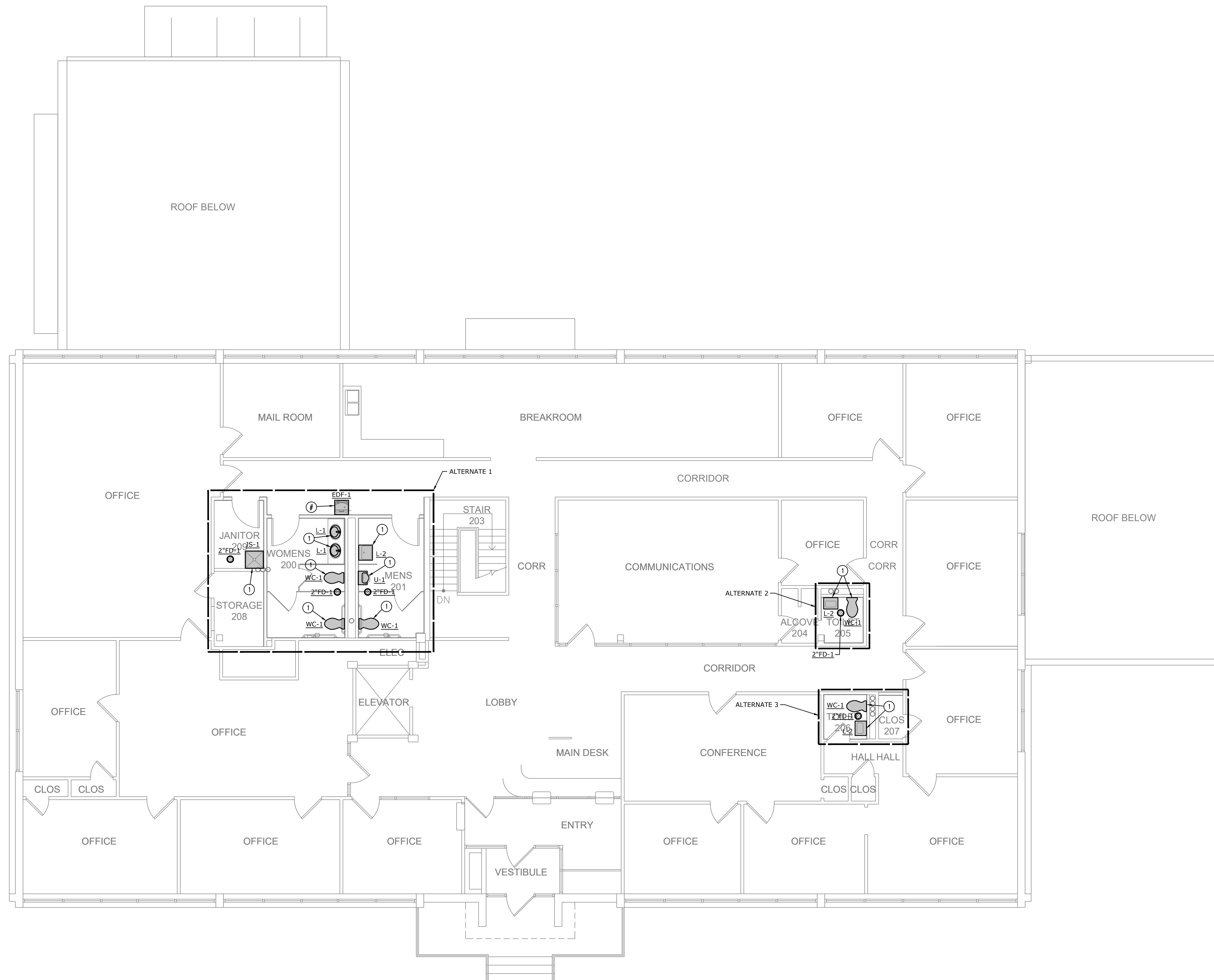
27 OF 35 SHEETS

**GENERAL NOTES:**

1. REFER TO SHEET P0.1 FOR GENERAL NOTES.

**PLAN NOTES:**

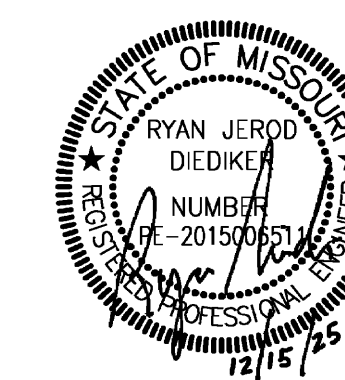
① PLUMBING FIXTURE REPLACEMENT. PROVIDE PLUMBING FIXTURE IN APPROXIMATE LOCATION SHOWN. MODIFY/EXTEND EXISTING PIPING RETAINED DURING DEMOLITION AS REQUIRED FOR NEW LAYOUT AND A COMPLETE INSTALLATION.



**PLUMBING PLAN - LEVEL 2**  
SCALE: 3/16"=1'-0"

**smith & boucher**  
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project number 2518600

PROJECT NAME: 2518600 TROOP E RESTROOMS  
AUTOCAD FILE LOCATION: C:\SBI\Smith & Boucher Inc\SANDBINC365 - Documents\2518600\2518600\_P-101.dwg  
LAST CORRECTION BY: PPatro Monday, December 15, 2025 3:47:22 PM  
PLOTTER: Booty Charles Monday, December 15, 2025 4:29:24 PM



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PROJECT # R2520-01  
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REVISION: \_\_\_\_\_  
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DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:  
**DEMO  
LIGHTING PLAN  
- LEVEL 1**

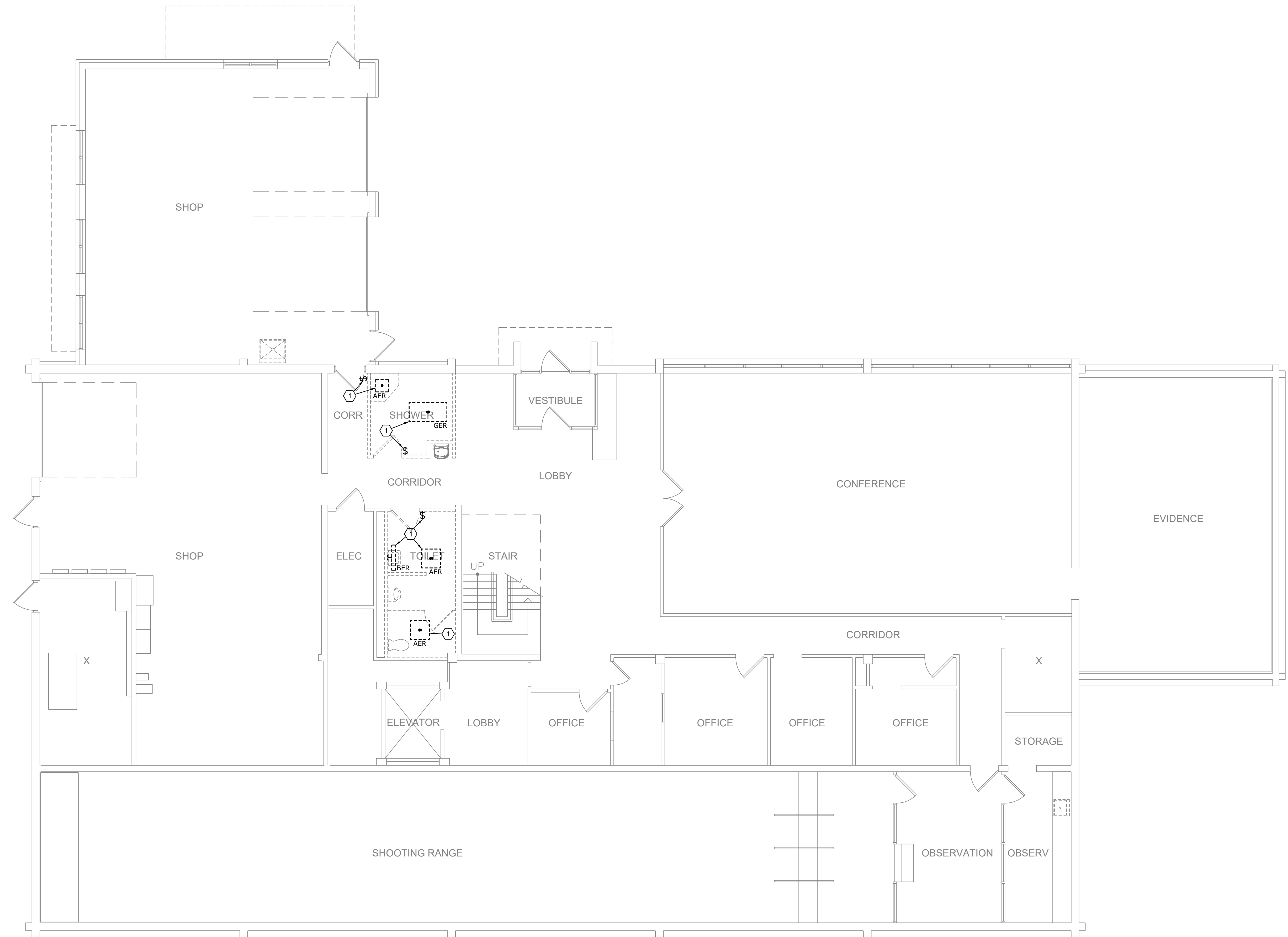
SHEET NUMBER:  
**DE-100**  
28 OF 35 SHEETS

GENERAL DEMOLITION NOTES:

1. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSTRUED AS "AS BUILT" CONDITIONS. THE INFORMATION IS SHOWN TO HELP ESTABLISH THE EXTENT OF THE WORK. VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM THE WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.
2. DARK DASHED LINES INDICATE ELECTRICAL EQUIPMENT THAT SHALL BE REMOVED. LIGHT SOLID LINES REPRESENT EXISTING EQUIPMENT OR MATERIAL TO REMAIN, EXCEPT WHERE OTHERWISE NOTED.
3. DISCONNECT AND REMOVE ALL CABLING, WIRING, AND CONDUIT THAT BECOMES UNNECESSARY AS A RESULT OF THE REMOVAL OF EQUIPMENT INDICATED TO BE REMOVED. DISCONNECT AND REMOVE ALL WIRING BACK TO PANELBOARDS THAT BECOME UNNECESSARY DUE TO REMODEL. DISCONNECT AND REMOVE ALL UNUSED CIRCUITS. PROVIDE FOR THE CONTINUITY OF ALL REMAINING SYSTEMS AND CIRCUITS.
4. ELECTRICAL CONTRACTOR TO REMOVE LIGHT FIXTURES AND EXIT SIGNS INDICATED ON THE DRAWINGS. REMOVE EXISTING CIRCUITING BACK TO NEAREST AVAILABLE JUNCTION BOX AND RETAIN FOR EXTENSION TO NEW LIGHTING FIXTURE LOCATIONS. SALVAGE ALL LIGHT FIXTURES AND EXIT SIGNS FOR REINSTALLATION IN NEW LOCATIONS.
5. PATCH STRUCTURAL OPENINGS TO MATCH EXISTING WHERE MECHANICAL/ELECTRICAL DEVICES THAT PENETRATE FLOORS AND WALLS ARE DEMOLISHED. RE: ARCH FOR PATCH DETAIL.
6. ELECTRICAL CONTRACTOR TO REMOVE ALL ELECTRICAL DEVICES FROM EXISTING WALLS TO BE DEMOLISHED. PROVIDE RE-WIRING AS REQUIRED TO MAINTAIN ELECTRICAL CONNECTIONS TO ADJACENT EXISTING DEVICES TO REMAIN.
7. FIRE ALARM CONTRACTOR TO REMOVE ALARM DEVICES WHERE NOTED AND SALVAGE WIRING AND CONDUIT TO THE MAXIMUM EXTENT POSSIBLE FOR USE IN NEW FIRE ALARM SYSTEM.

DEMOLITION PLAN NOTES:

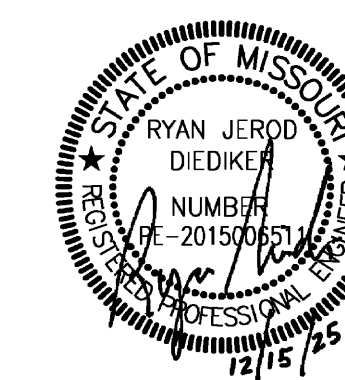
- 1 SALVAGE LIGHT FIXTURES, CONTROLS, AND CIRCUITRY, FOR REUSE IN NEW WORK.



**DEMO LIGHTING PLAN - LEVEL 1**  
SCALE: 3/16"=1'-0"

**smith & boucher**  
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project number 2518600

PROJECT NAME: 2518600 TROOP E RESTROOMS  
AUTOCAD FILE LOCATION \NAME:  
LAST CORRECTION BY DATE TIME:  
PLOTTED BY DATE TIME:  
2518600 TROOP E RESTROOMS - Documents\2518600\2518600\_Troop E Renov\Drawings\06-2518600\_DE-100.dwg  
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Monday, December 15, 2025 3:40:00 PM  
Bootyc Monday, December 15, 2025 4:29:30 PM  
Booty Charles



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PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

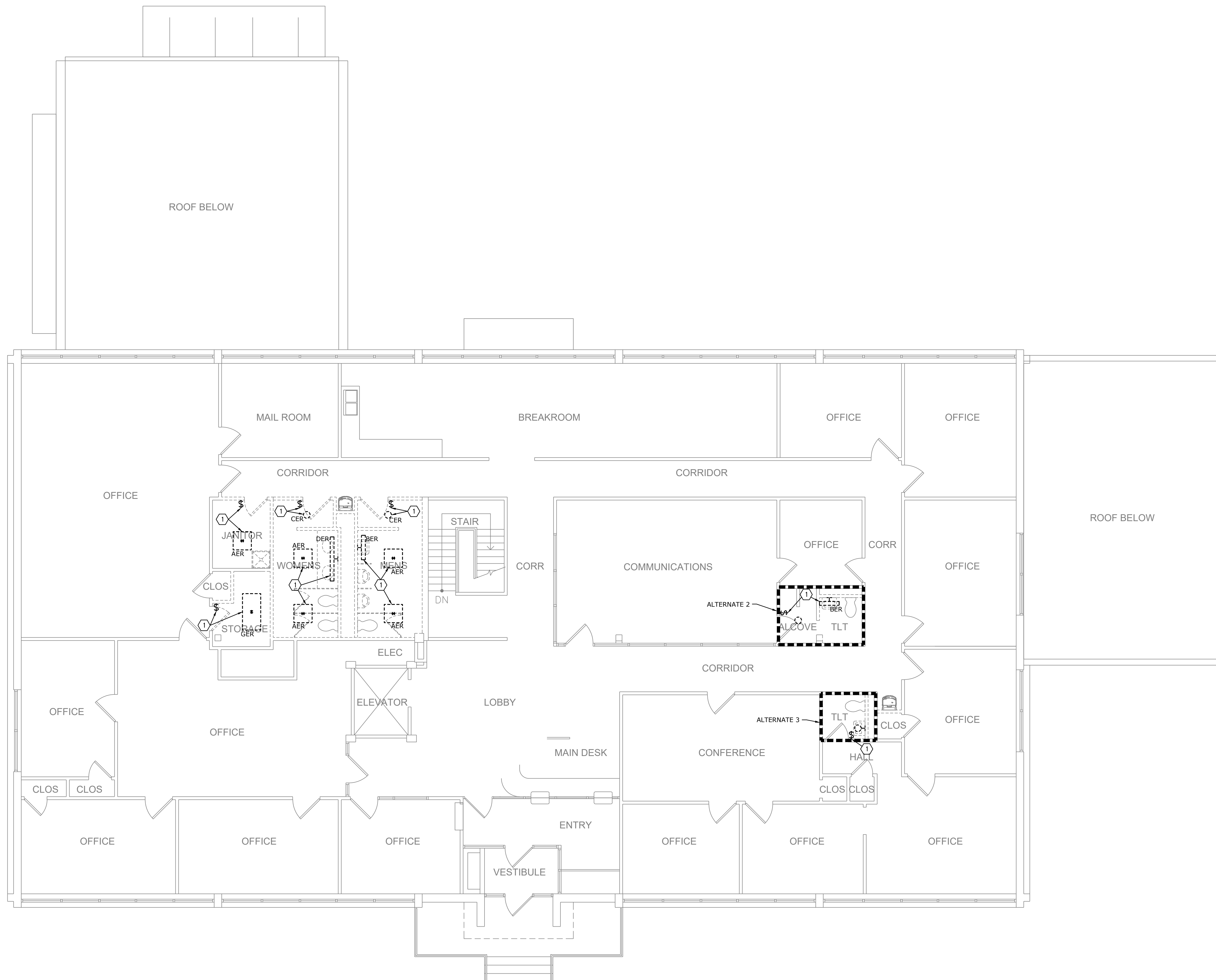
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DATE: \_\_\_\_\_  
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DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:  
**DEMO  
LIGHTING PLAN  
- LEVEL 2**

SHEET NUMBER:  
**DE-101**  
29 OF 35 SHEETS

- GENERAL DEMOLITION NOTES:**
- REFER TO SHEET DE1.0 FOR GENERAL NOTES.
- PLAN DEMOLITION NOTES:**
- SALVAGE LIGHT FIXTURES, CONTROLS, AND CIRCUITRY, FOR REUSE IN NEW WORK.

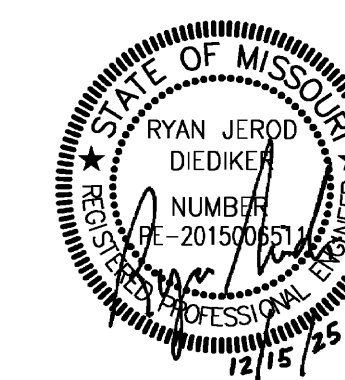


**DEMO LIGHTING PLAN - LEVEL 2**  
SCALE: 3/16"=1'-0"

**smith & boucher**  
engineers

25618 west 103rd St. olathe, ks 66061  
phone 913.345.2127 fax 913.345.0617  
project number 2518600

PROJECT NAME: 2518600 TROOP E RESTROOMS  
AUTOCAD FILE LOCATION: C:\SBI\Smith & Boucher Inc\SANDBINC365 - Documents\2518600\2518600 DE-101.dwg  
LAST CORRECTION BY: Monday, December 15, 2025 3:40:16 PM  
PLOTTED BY: Monday, December 15, 2025 4:29:36 PM  
Booby Charles



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**DILLEPOLLARD**  
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4061 Highway Pp, Ste. 2  
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TROOP E HEADQUARTERS  
BUILDING

M.S.H.P. TROOP E  
HEADQUARTERS  
4869-5199 US-67  
POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:

DEMO POWER  
PLAN - LEVEL 1

SHEET NUMBER:

**DE-200**

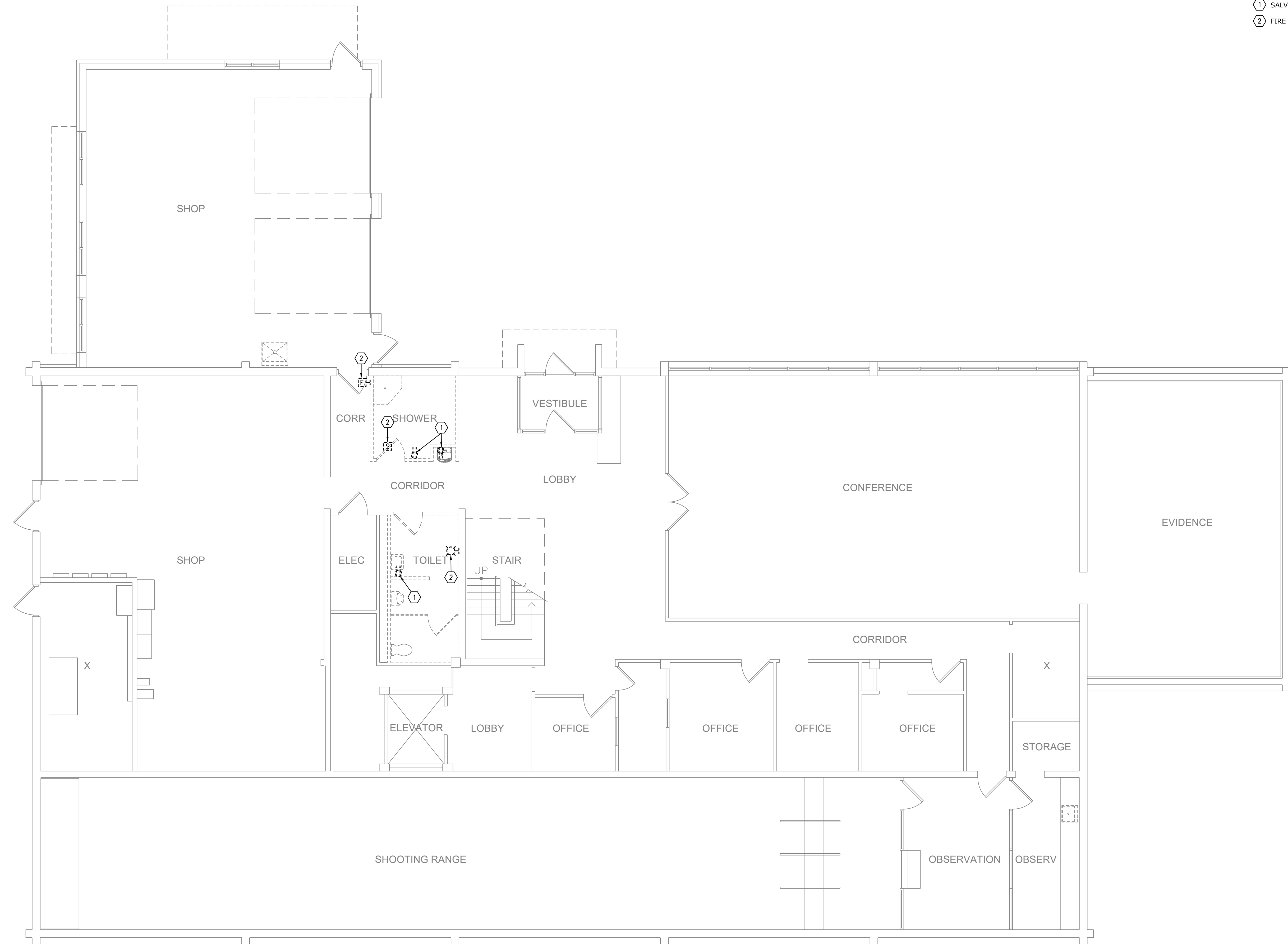
30 OF 35 SHEETS

DEMOLITION GENERAL NOTES:

1. REFER TO SHEET DE1.0 FOR GENERAL NOTES.

DEMOLITION PLAN NOTES:

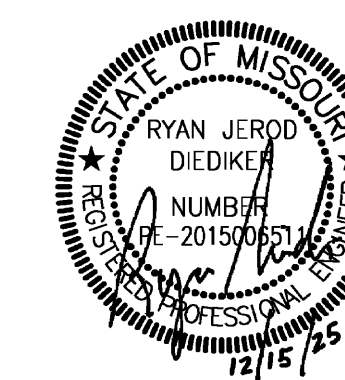
1. SALVAGE EXISTING CIRCUITRY FOR REUSE IN NEW WORK.
2. FIRE ALARM DEVICE TO BE SALVAGED FOR REUSE IN NEW WORK.



**DEMO POWER PLAN - LEVEL 1**  
SCALE: 3/16"=1'-0"

**smith & boucher**  
engineers  
25618 west 103rd St. olathe, ks 66061  
phone 913.345.2127 fax 913.345.0617  
project number 2518600

PROJECT NAME: 2518600 TROOP E RESTROOMS  
AUTOCAD FILE LOCATION \NAME:  
LAST CORRECTION BY \DATE \TIME:  
PLOTTED BY \DATE \TIME:  
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Booty Charles



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4869-5199 US-67  
POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:

DEMO POWER  
PLAN - LEVEL 2

SHEET NUMBER:

**DE-201**

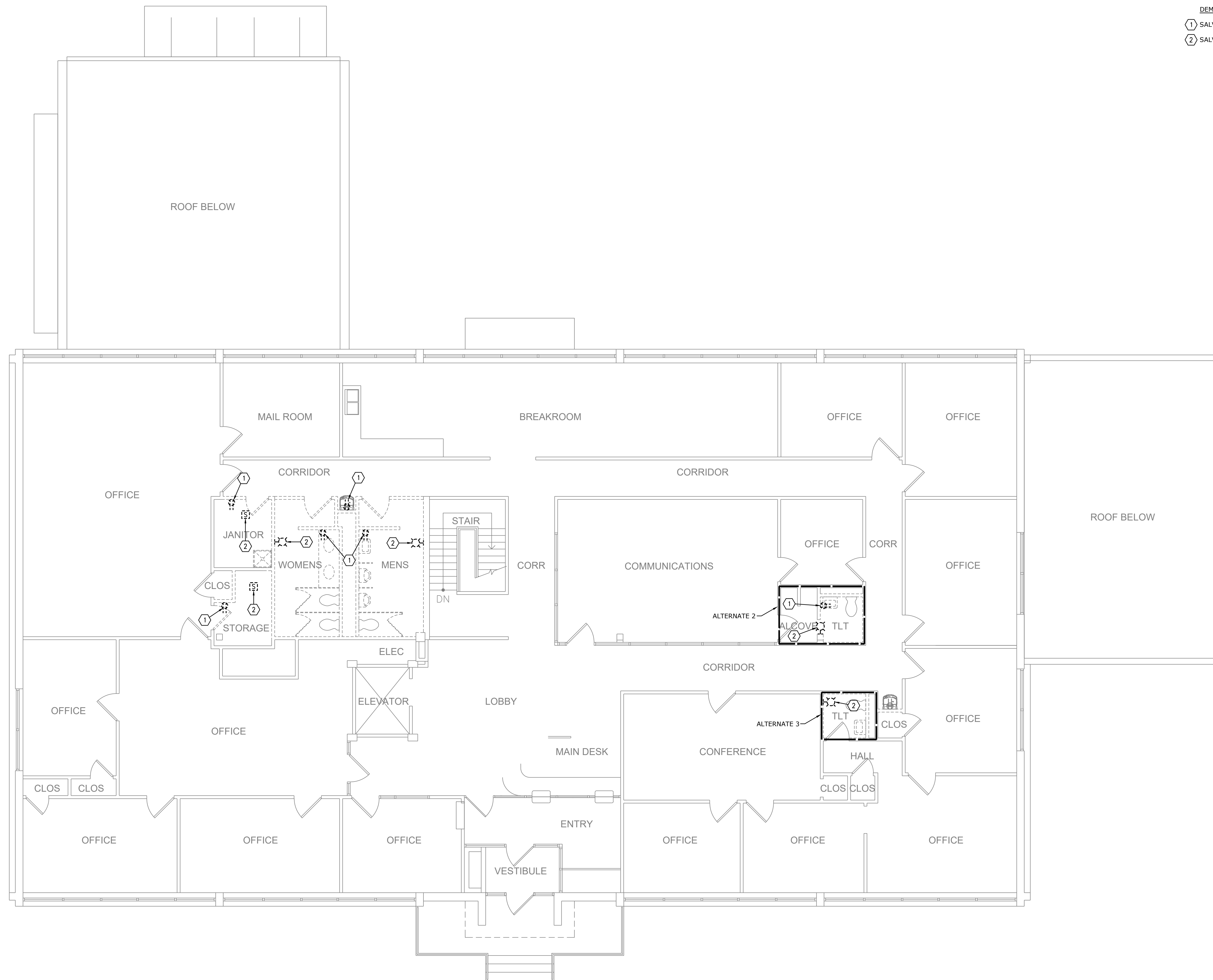
31 OF 35 SHEETS

DEMOLITION GENERAL NOTES:

1. REFER TO SHEET DE1.0 FOR GENERAL NOTES.

DEMOLITION PLAN NOTES:

- 1 SALVAGE EXISTING CIRCUITRY FOR REUSE IN NEW WORK.
- 2 SALVAGE FIRE ALARM DEVICE FOR REUSE IN NEW WORK.

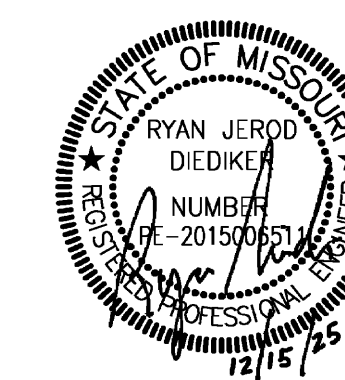


**DEMO POWER PLAN - LEVEL 2**  
SCALE: 3/16"=1'-0"

**smith & boucher**  
engineers  
25618 west 103rd St. olathe, ks 66061  
phone 913.345.2127 fax 913.345.0617  
project number 2518600

2518600 TROOP E RESTROOMS  
C:\SBI\Smith & Boucher Inc\SANDBINC365 - Documents\2518600 Troop E Renov\Drawings\06-2518600\_DE-201.dwg  
Monday, December 15, 2025 3:40:46 PM  
Monday, December 15, 2025 4:29:47 PM  
Booby Charles

PROJECT NAME: TROOP E RESTROOMS  
AUTOCAD FILE LOCATION \ NAME: C:\SBI\Smith & Boucher Inc\SANDBINC365 - Documents\2518600 Troop E Renov\Drawings\06-2518600\_DE-201.dwg  
LAST CORRECTION BY: DATE: TIME:  
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4869-5199 US-67  
POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:

**LIGHTING PLAN  
- LEVEL 1**

SHEET NUMBER:

**E-100**

32 OF 35 SHEETS

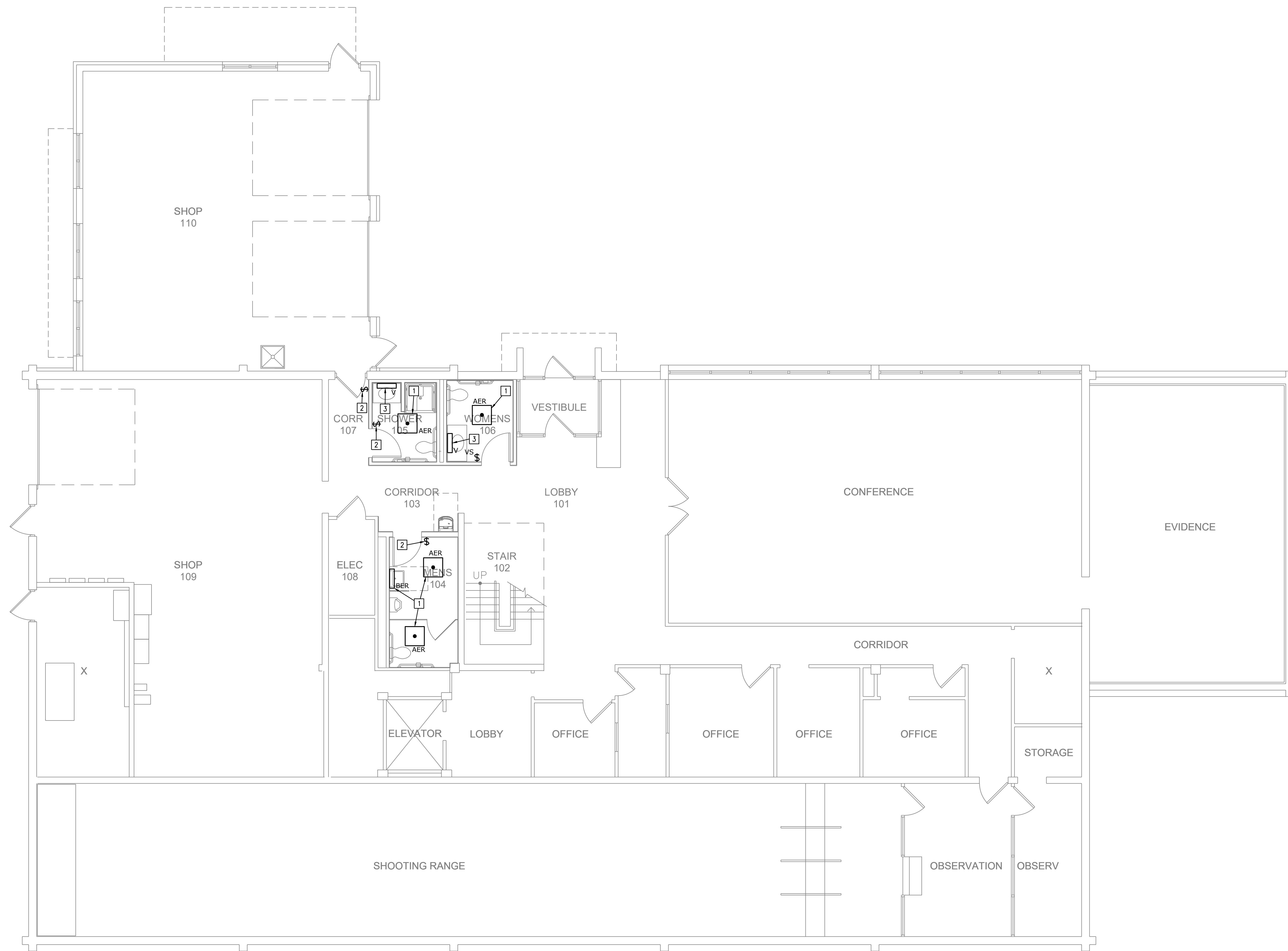
GENERAL NOTES:

1. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE TAKEN FROM THE BEST INFORMATION AVAILABLE AND FROM VISUAL SITE INSPECTION AND ARE NOT TO BE CONSTRUED AS "AS BUILT" CONDITIONS. THE INFORMATION IS SHOWN TO ESTABLISH THE EXTENT OF THE NEW WORK. VERIFY ALL ACTUAL EXISTING CONDITIONS AT THE PROJECT SITE AND PERFORM THE WORK AS REQUIRED TO MEET THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK INDICATED.
2. SERVICES SHOWN WITH HALF TONE ARE EXISTING. REFER TO DEMOLITION PLANS FOR ADDITIONAL INFORMATION.
3. PROVIDE (1) 3/4" CONDUIT FROM ALL THERMOSTATS TO ABOVE ACCESSIBLE CEILING OR TO ASSOCIATED HVAC EQUIPMENT. REFER TO MECHANICAL PLANS FOR LOCATIONS.
4. DATA/VOICE/TELEVISION BOXES: PROVIDE RING AND STRING FOR LOW VOLTAGE CABLING BY OTHERS. OTHER CONDUITS IDENTIFIED ON PLAN SHALL BE 3/4" MINIMUM, UNLESS NOTED OTHERWISE.
5. RELOCATE EXISTING JUNCTION BOXES LOCATED ABOVE NEW GYP CEILINGS, TO BE OVER 2X2 TILE. DO NOT LOCATE NEW JUNCTION BOXES OVER GYP CEILING.
6. COORDINATE FINISHES OF ALL SWITCHES, RECEPTACLES AND COVER PLATES WITH ARCHITECT AND AGENCY. LABEL ALL RECEPTACLES, SWITCHES, AND MISCELLANEOUS ELECTRICAL DEVICES WITH PANEL AND CIRCUIT NUMBER (UTILIZE PRINTED LABELS). LABEL ALL JUNCTION BOXES WITH VOLTAGE, PANEL AND CIRCUIT NUMBER.
7. REFER TO MECHANICAL EQUIPMENT SCHEDULES FOR ADDITIONAL CIRCUITING INFORMATION.
8. EXISTING RECEPTACLES IDENTIFIED ON PLAN WITH NO CIRCUITING SHALL REMAIN ON EXISTING CIRCUITING. EXTEND CIRCUITING AS REQUIRED TO COORDINATE WITH DEMO AND KEEP CIRCUITS ENERGIZED.
9. FURNISH AND INSTALL NEW FIRE ALARM DEVICES TO LOCATIONS AS IDENTIFIED ON PLANS. NEW FIRE ALARM SHALL MATCH EXISTING ADDRESSABLE SYSTEM.
10. MAKE PROVISIONS FOR VOLTAGE DROP PER NEC AS REQUIRED FOR 120V BRANCH CIRCUITING:
  - 0'-100' #12 AWG.
  - 101'-150' #10 AWG.
  - 151'-200' #8 AWG.

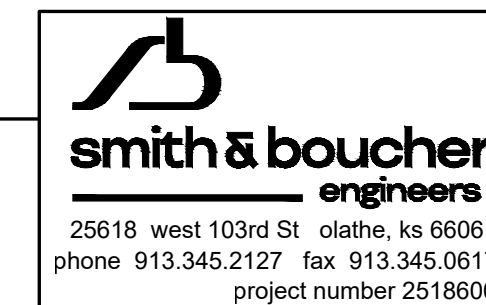
11. MC CABLE MAY BE USED WITH THE FOLLOWING GUIDELINES: HARD PIPE FROM PANEL TO J-BOX ABOVE CEILING IN ROOM OF UTILIZATION; THEN MC TO INDIVIDUAL DEVICES.
12. ALL CONDUIT, MC CABLING, IT AND CABLING. ROUTING SHALL BE RUN IN AN ORGANIZED, RECTILINEAR FASHION UTILIZING STRAIGHT RUN AND 90 DEGREE ANGLES. DIAGONAL ROUTING IN THE SPACE IS NOT ALLOWED.
13. ALL CORE DRILLING, SAW CUTTING, AND OTHER LOUD ACTIVITIES SHALL BE PERFORMED DURING OFF HOURS. EXAMINE SLAB AS REQUIRED BY SPECIFICATIONS. COORDINATE WITH BUILDING MANAGEMENT FOR OFF-HOURS ACCESS TO SPACES AS APPROVAL TO PROCEED.
14. CONCEAL ALL CONDUIT IN WALLS, PARTITIONS, ABOVE CEILING, AND IN FLOOR SLAB, ETC. UNLESS OTHERWISE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS. CONDUIT IN MECHANICAL ROOMS, AND STORAGE ROOMS WITHOUT CEILINGS MAY BE EXPOSED ON BUILDING STRUCTURE.
15. BOXES LOCATED ON OPPOSITE SIDES OF NON-RATED WALLS SHALL BE OFFSET A MINIMUM OF 6" HORIZONTALLY. BOXES ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE OFFSET A MINIMUM OF 24" HORIZONTALLY. "THRU-THE-WALL" BOXES SHALL NOT BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
16. FLUSH MOUNT ALL TELECOMMUNICATION OUTLETS TO MATCH RECEPTACLE HEIGHTS. EXCEPT WHERE OTHERWISE NOTED. OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED.

PLAN NOTES:

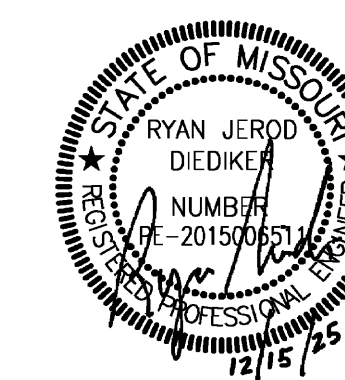
- 1 RELOCATE SALVAGED LIGHT FIXTURE AND CONNECT TO SALVAGED CIRCUITRY AND CONTROLS.
- 2 RELOCATE SALVAGED LIGHTING CONTROLS.
- 3 CONNECT LIGHT FIXTURE TO SALVAGED CIRCUITRY.



**LIGHTING PLAN - LEVEL 1**  
SCALE: 3/16"=1'-0"



PROJECT NAME: 2518600 TROOP E RESTROOMS  
AUTOCAD FILE LOCATION: C:\SBI\Smith & Boucher Inc\SANDBINC365 - Documents\2518600 Troop E Restrooms\2518600\_E-100.dwg  
LAST CORRECTION BY: PPatro Monday, December 15, 2025 4:15:16 PM  
PLOTTER: Booty Charles Monday, December 15, 2025 4:29:53 PM



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4869-5199 US-67  
POPLAR BLUFF, MO 63901

PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:

**LIGHTING PLAN  
- LEVEL 2**

SHEET NUMBER:

**E-101**

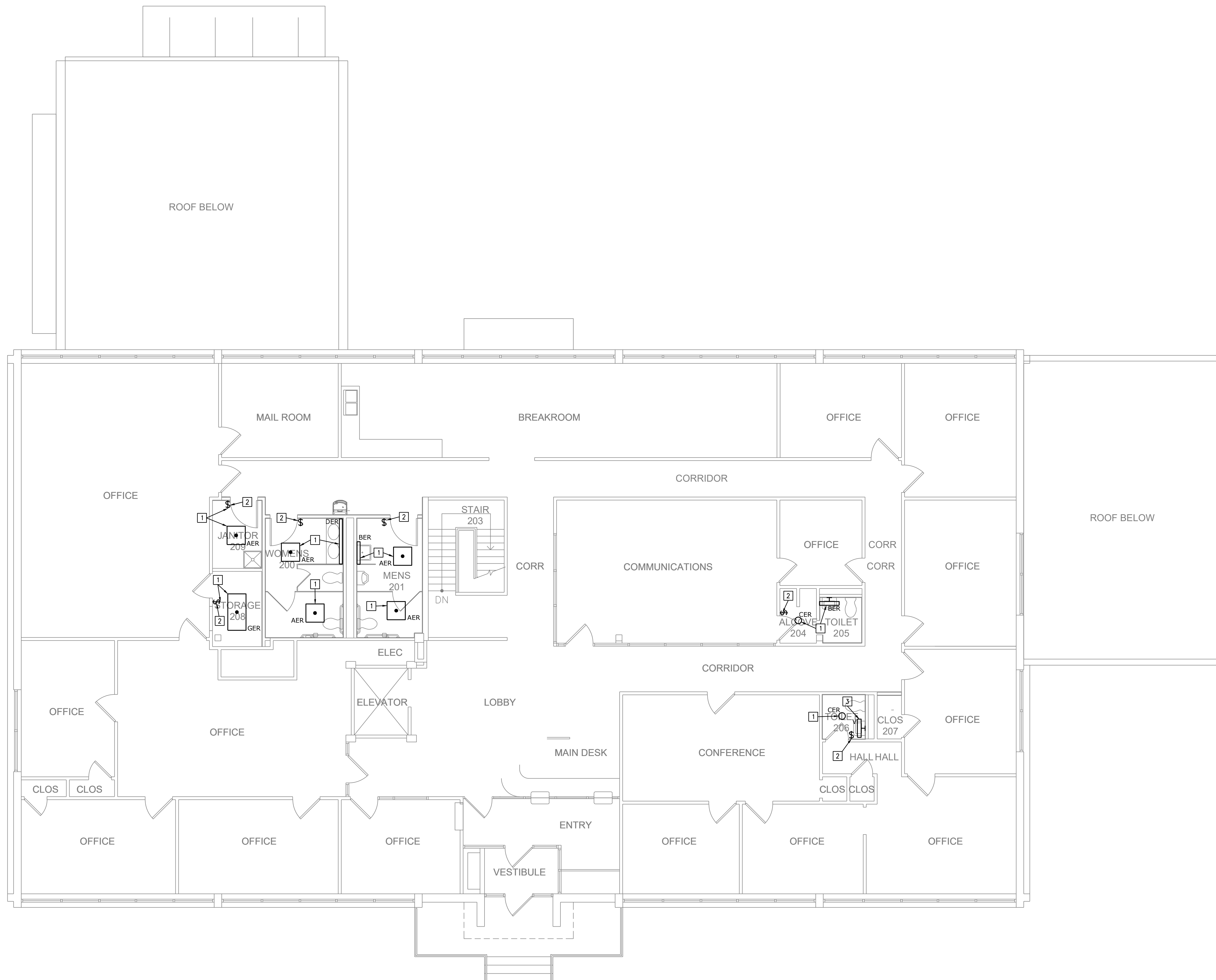
33 OF 35 SHEETS

**GENERAL NOTES:**

1. REFER TO SHEET E1.0 FOR GENERAL NOTES.

**PLAN NOTES:**

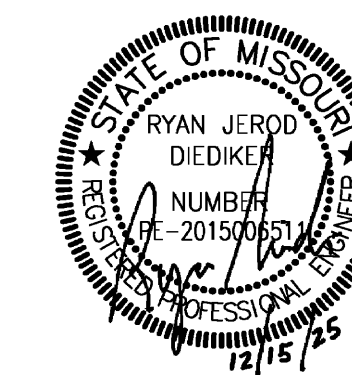
- 1 RELOCATE SALVAGED LIGHT FIXTURE AND CONNECT TO SALVAGED CIRCUITRY AND CONTROLS.
- 2 RELOCATE SALVAGED LIGHTING CONTROLS.
- 3 CONNECT LIGHT FIXTURE TO SALVAGED CIRCUITRY AND CONTROLS.



**LIGHTING PLAN - LEVEL 2**  
SCALE: 3/16"=1'-0"

**smith & boucher**  
engineers  
25618 west 103rd St. olathe, ks 66061  
phone 913.345.2127 fax 913.345.0617  
project number 2518600

PROJECT NAME: 2518600 TROOP E RESTROOMS  
AUTOCAD FILE LOCATION \NAME:  
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Booby Charles



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PROJECT # R2520-01  
SITE # 6006  
ASSET # 8136006005  
BUILDING # 8136006005

REVISION: \_\_\_\_\_  
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REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:

POWER PLAN -  
LEVEL 1

SHEET NUMBER:

**E-200**

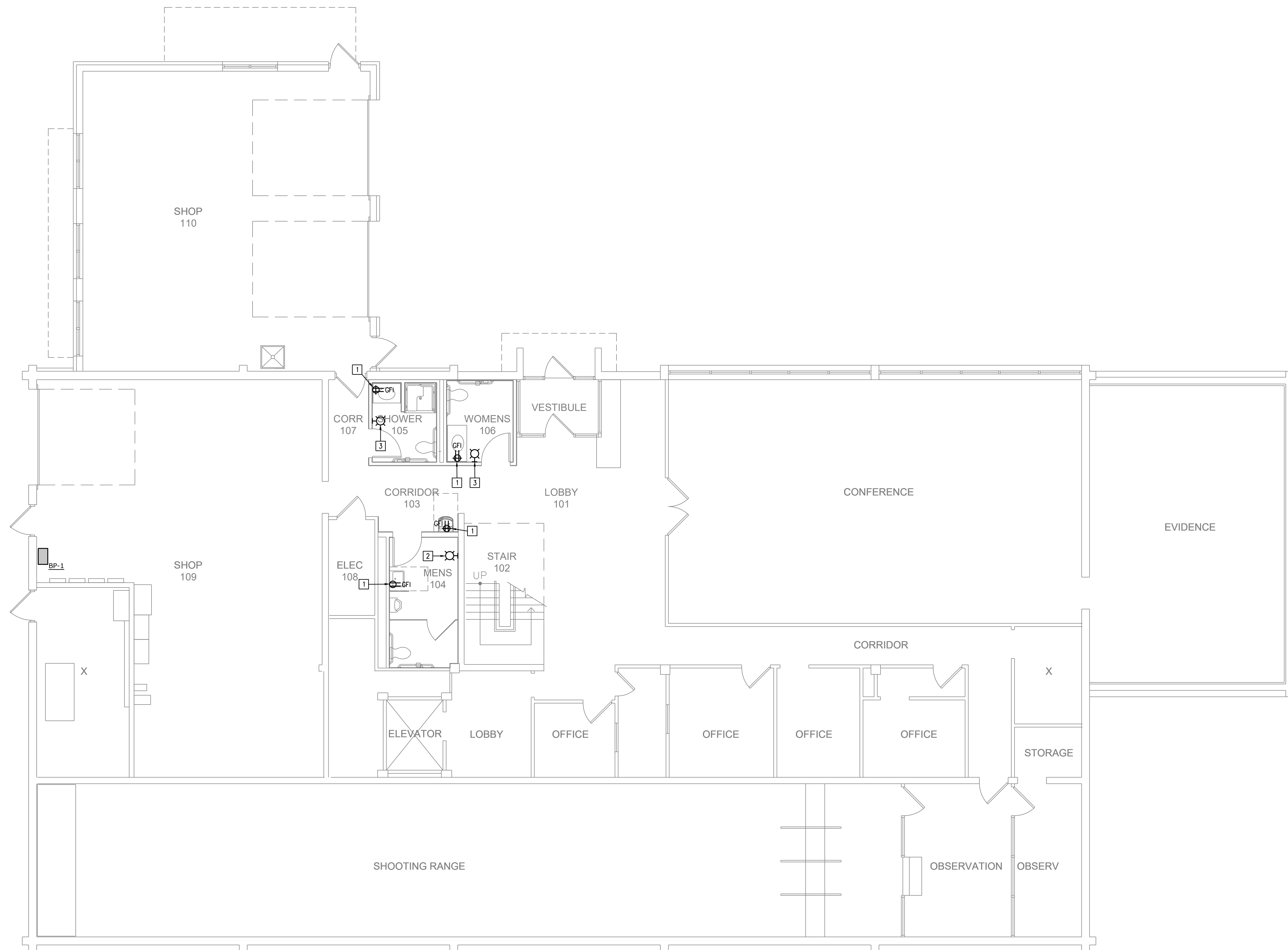
34 OF 35 SHEETS

GENERAL NOTES:

- REFER TO SHEET E1.0 FOR GENERAL NOTES.

PLAN NOTES:

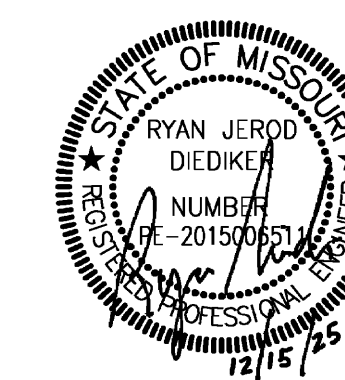
- CONNECT TO EXISTING SALVAGED CIRCUIT.
- RELOCATE SALVAGED FIRE ALARM DEVICE AND CONNECT TO EXISTING NAC AND SPEAKER CIRCUIT AS NEEDED.
- PROVIDE AND INSTALL FIRE ALARM DEVICE TO MATCH EXISTING. CONNECT TO EXISTING NAC CIRCUIT.



**POWER PLAN - LEVEL 1**  
SCALE: 3/16"=1'-0"

**smith & boucher**  
engineers  
25618 west 103rd St. olathe, ks 66061  
phone 913.345.2127 fax 913.345.0617  
project number 2518600

PROJECT NAME: 2518600 TROOP E RESTROOMS  
AUTOCAD FILE LOCATION: C:\SBI\Smith & Boucher Inc\SANDBINC365 - Documents\2518600 Troop E Renov\Drawings\06-2518600\_E-200.dwg  
LAST CORRECTION BY: PPatro Monday, December 15, 2025 3:51:23 PM  
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PROJECT # R2520-01  
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ASSET # 8136006005  
BUILDING # 8136006005

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DATE: \_\_\_\_\_  
ISSUE DATE: 12/15/2025

CAD DWG FILE: \_\_\_\_\_  
DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI

SHEET TITLE:

POWER PLAN -  
LEVEL 2

SHEET NUMBER:

**E-201**

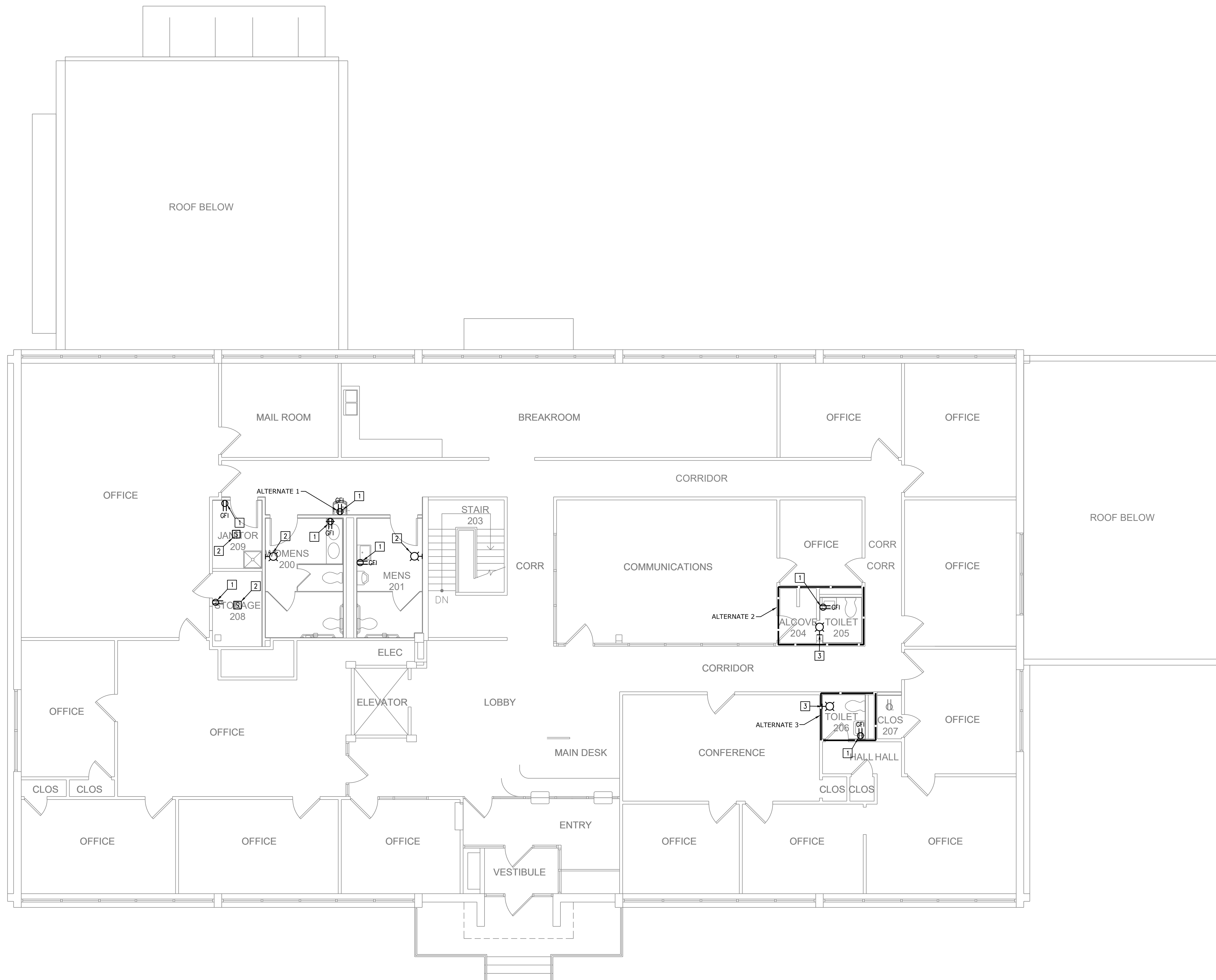
35 OF 35 SHEETS

GENERAL NOTES:

1. REFER TO SHEET E1.0 FOR GENERAL NOTES.

PLAN NOTES:

- 1] CONNECT TO EXISTING SALVAGED CIRCUIT.
- 2] RELOCATE SALVAGED FIRE ALARM DEVICE AND CONNECT TO EXISTING NAC AND SPEAKER CIRCUIT AS NEEDED.
- 3] PROVIDE AND INSTALL FIRE ALARM DEVICE TO MATCH EXISTING. CONNECT TO EXISTING NAC AND SPEAKER CIRCUIT AS NEEDED.



**POWER PLAN - LEVEL 2**  
SCALE: 3/16"=1'-0"

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DRAWN BY: SBI  
CHECKED BY: RJD  
DESIGNED BY: SBI