

HARRISONVILLE READINESS CENTER REPAIRS TO INTERIOR & EXTERIOR HARRISONVILLE, MISSOURI



OWNER: **STATE OF MISSOURI**
 MIKE KEHOE,
 GOVERNOR

 DEPARTMENT OF MISSOURI
 NATIONAL GUARD

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

DESIGNER: **ARCHITECTURAL** **MECHANICAL, ELECTRICAL, PLUMBING, FIRE ALARM**
 Wellner Architects + Engineers Olsson
 1627 Main Street #100 1301 Burlington Street
 Kansas City, MO 64108 North Kansas City, MO 64116
 816.221.0017 816.361.1177

PROJECT NUMBER: T2334-01

SITE NUMBER: 6271
FACILITY NUMBER: 8136271003

SHEET NUMBER:

G-000
1 OF 30 SHEETS
7/30/2025 2:09:32 PM

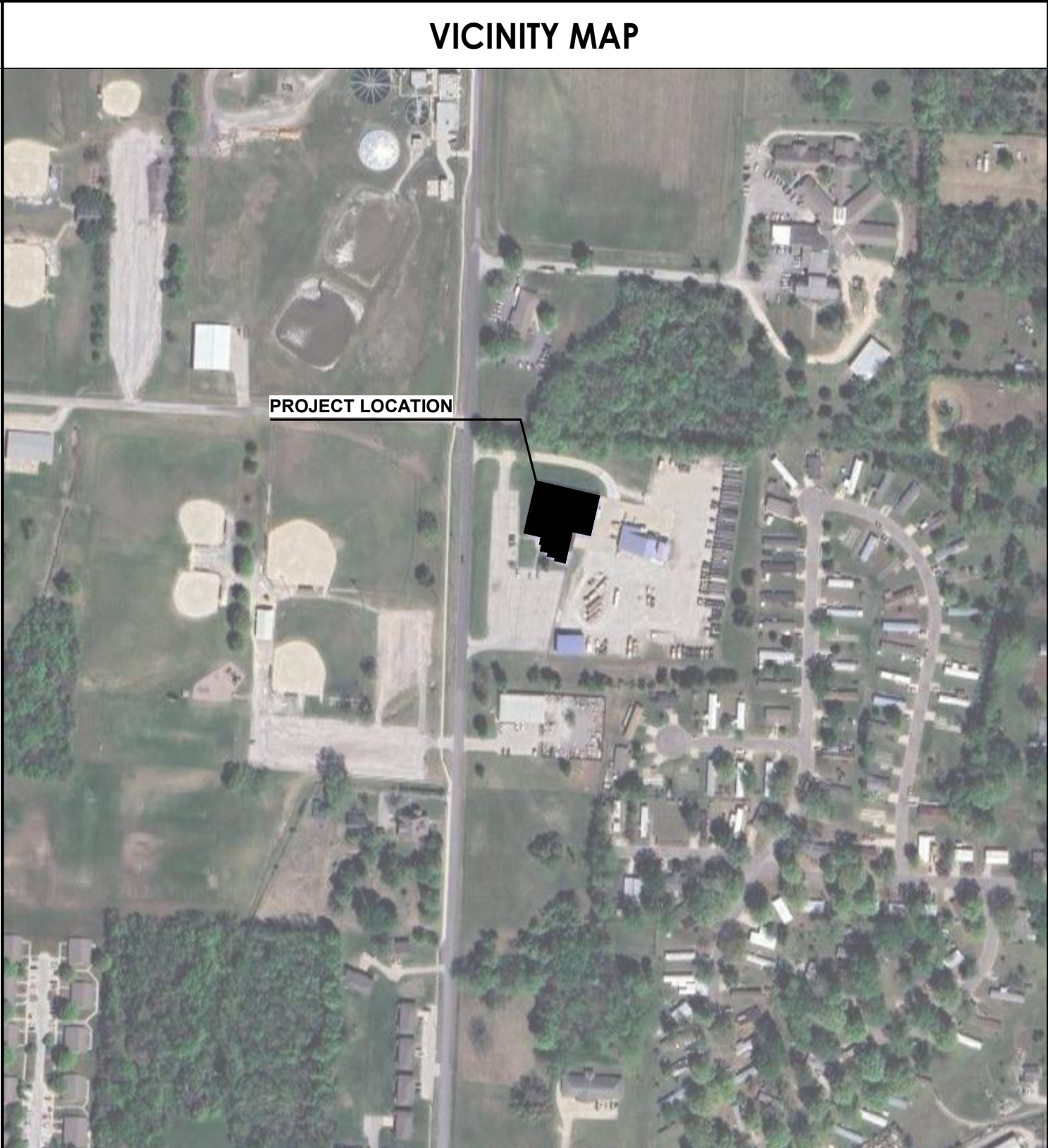
GENERAL NOTES	
1. ALL WORK SHALL CONFORM WITH THE APPLICABLE BUILDING CODES, REGULATIONS, OCCUPANCY PERMITS AND ORDINANCES. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL APPLY FOR, OBTAIN AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND APPROVALS BY LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT. IN THE EVENT OF A CONFLICT BETWEEN THE CONSTRUCTION DOCUMENTS AND AN APPLICABLE CODE, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND THE ARCHITECT FOR DIRECTION AND RESOLUTION. FAILURE TO NOTIFY EITHER OF THESE PARTIES PRIOR TO COMMENCEMENT OF THE WORK, SHALL MAKE THE CONTRACTOR RESPONSIBLE FOR ANY CORRECTIVE MEASURES NEEDED TO BRING THE PROBLEM INTO PROPER CONFORMANCE, WITHOUT ADDITIONAL COSTS OR CHARGES TO THE OWNER. PROVIDE COPIES OF ALL TRANSACTIONS TO OWNER.	21. "CLEAR" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE DIMENSION IS NOT ADJUSTABLE WITHOUT THE APPROVAL OF THE ARCHITECT. CLEAR DIMENSIONS SHALL BE ACCURATE TO FINISH WALL MATERIAL. CONTACT ARCHITECT PRIOR TO CONSTRUCTION IF FIELD CONDITIONS DO NOT ACCOMMODATE SAID DIMENSION.
2. CONTRACTOR SHALL PROVIDE & MAINTAIN A REDLINED AS-BUILT CONSTRUCTION DOCUMENT SET AT THE SITE. THE OWNER OR THE ARCHITECT RESERVES THE RIGHT TO REVIEW THESE DOCUMENTS ON A WEEKLY BASIS.	22. "ALIGN" AS USED IN THESE DOCUMENTS SHALL MEAN TO ACCURATELY LOCATE AND FINISH FACES IN THE SAME PLANE, AND/OR TO INSTALL NEW CONSTRUCTION ADJACENT TO EXISTING CONSTRUCTION WITHOUT ANY VISIBLE JOINTS OR SURFACE IRREGULARITIES.
3. PROVIDE THE ARCHITECT WITH A COMPLETE COPY OF AS-BUILT DRAWINGS AT THE COMPLETION OF THE PROJECT.	23. ANY DISCREPANCIES AS TO LOCATION BETWEEN THE ARCHITECTURAL AND ENGINEERING DRAWINGS OR BETWEEN THE DRAWINGS AND EXISTING FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATIONS. WORK INSTALLED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND SHALL NOT IMPACT THE SCHEDULE.
4. GENERAL CONTRACTOR SHALL FURNISH A COMPLETE LIST OF CHEMICALS TO BE USED IN THE PROJECT ALONG WITH THE MATERIAL DATA SAFETY SHEET ON EACH PRODUCT TO THE ARCHITECT. A COPY SHALL BE KEPT ON SITE FOR REFERENCE.	24. THE ARCHITECT SHALL HAVE THE RIGHT TO MAKE FIELD ADJUSTMENTS IN ORDER TO MAINTAIN DESIGN INTENT.
5. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR, AND HAVE CONTROL OVER, ALL CONSTRUCTION TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK REQUIRED BY THE CONTRACT DOCUMENTS.	25. CONTRACTOR SHALL FULLY ACQUAINT HIMSELF WITH THE CONDITIONS OF THE CONTRACT. LOCAL CONDITIONS RELATING TO LOCATION, ACCESSIBILITY AND GENERAL CHARACTER OF THE CONSTRUCTION SITE AND LOCAL LABOR CONDITIONS SO THAT HE UNDERSTANDS THE NATURE, EXTENT, DIFFICULTIES AND RESTRICTIONS RELATED TO THE EXECUTION OF THE WORK.
6. NO EQUIP., MATERIALS, OR VEHICLES ARE TO BE STORED OR PARKED ON AREAS NOT WITHIN THE AREAS INDICATED AS BEING DEMOLISHED ON THE DRAWINGS. IF AREAS ARE DISTURBED OR DAMAGED THE CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT AT CONTRACTORS EXPENSE.	26. INVESTIGATE JOB SITE TO COMPARE CONTRACT DOCUMENTS AND EXISTING CONDITIONS. INCLUDE COST FOR ALL WORK DESCRIBED IN CONTRACT DOCUMENTS AND REQUIRED OR IMPLIED BY EXISTING CONDITIONS. NOTIFY ARCHITECT OF ANY CONFLICTS BETWEEN EXISTING CONDITIONS AND NEW WORK, OMISSIONS OR CONFLICTS IN THE DRAWINGS AND ANY RESTRICTIONS RELATED TO THE EXECUTION OF THE WORK.
7. PRIOR TO LEAVING THE SITE DAILY, THE CONTRACTOR IS TO LEAVE THE FACILITY SECURABLE.	27. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VERIFYING AND LOCATING ALL UNDERGROUND UTILITIES, ETC. PRIOR TO START OF CONSTRUCTION.
8. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SAFETY OF CONSTRUCTION PERSONNEL AND AUTHORIZED VISITORS.	28. OBTAIN THE OWNER'S WRITTEN AUTHORIZATION BEFORE ANY WORK IS PERFORMED OR MATERIAL ORDERED WHICH INVOLVES EXTRA COST OVER AND ABOVE CONTRACT PRICE.
9. SCOPE OF WORK OF ALL TRADES IS TO INCLUDE ALL MATERIALS AND LABOR AS REQUIRED TO TOTALLY COMPLETE THE PROJECT. ALL WORK SHALL BE COMET WITH THE DESIGN INTENT AS EXPRESSED IN THESE DOCUMENTS, WHETHER SPECIFICALLY ADDRESSED IN THESE DOCUMENTS OR NOT. ANY QUESTIONS CONCERNING THE COMPLETENESS OF THE WORK SHALL BE ADDRESSED TO THE ARCHITECT.	29. INSTALL AND MAINTAIN ALL NECESSARY COVERINGS. PROTECTIVE ENCLOSURES, TEMPORARY DOORS AND PARTITIONS AND DUST BARRIERS TO PROTECT ALL OCCUPANTS AND REPLACE ANY DAMAGES CAUSED BY IMPROPER PROTECTION AT NO ADDITIONAL CHARGE TO OWNER.
10. ALL WORK SHALL BE PERFORMED BY THE GENERAL CONTRACTOR UNLESS OTHERWISE NOTED. ALL REFERENCES TO THE "CONTRACTOR" INCLUDE THE GENERAL CONTRACTOR AND THE SUBCONTRACTORS.	30. SUBMIT FOR APPROVAL TO THE ARCHITECT FINISHES LISTED AS MATCH EXISTING.
11. THE GENERAL CONTRACTOR SHALL SEE THAT ALL SUBCONTRACTORS RECEIVE COMPLETE SETS OF WORKING DRAWINGS FOR COORDINATION OF THEIR WORK AND DESCRIPTION OF SCOPE.	31. WHERE WALLS, CEILINGS, OR FLOORS ARE PATCHED, EXTENDED, OR REPAIRED, MATCH EXISTING MATERIALS, SIZE, PATTERN, TEXTURE, & COLOR UNLESS INDICATED OTHERWISE.
12. CONTRACTOR SHALL NOT MAKE, CAUSED TO BE MADE, OR PERMIT A SUBCONTRACTOR TO MAKE ANY CHANGE TO WHAT IS SPECIFIED ON THE PLAN WITHOUT SPECIFIC AUTHORIZATION OF THE ARCHITECT.	32. MATERIALS INDICATED TO BE REINSTALLED IN PROJECT ARE TO BE CLEANED, PAINTED, REPAIRED AS APPROPRIATE FOR REINSTALLATION IN "LIKE NEW" CONDITION.
13. THE ARCHITECT IS NOT RESPONSIBLE FOR ERRORS, OMISSIONS OR DELAYS BY THE CONTRACTOR.	33. CONTRACTOR TO PROTECT SITE FROM DAMAGE TO VEGETATION, DRIVES, PAVEMENT, AND WALKS. CONTRACTOR TO REPAIR OR REPLACE DISTURBED OR DAMAGED AREAS.
14. DO NOT SCALE DRAWINGS, FOLLOW WRITTEN DIMENSIONS OR KEYED NOTES ONLY. CONTACT ARCHITECT IMMEDIATELY FOR CLARIFICATION IF REQUIRED. VERIFY DIMENSIONS IN THE FIELD. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE DETAILS.	
15. ALL WALL DIMENSIONS ARE FOR GENERAL REFERENCE ONLY AND MAY VARY.	
16. "MINIMUM" OR "MIN" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUANTITY LESS THAN THAT SHOWN WITHOUT THE APPROVAL OF THE ARCHITECT.	
17. "MAXIMUM" OR "MAX" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUANTITY GREATER THAN THAT SHOWN WITHOUT THE APPROVAL OF THE ARCHITECT.	
18. "±" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE DIMENSION OR QUANTITY IS SLIGHTLY ADJUSTABLE TO ACCOMMODATE ACTUAL CONDITIONS. VERIFY THE EXACT DIMENSION IN THE FIELD PRIOR TO FABRICATION.	
19. "TYPICAL" OR "TYP" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION OR DIMENSION IS THE SAME OR REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT.	
20. "MATCH EXIST." AS USED IN THE DOCUMENTS SHALL MEAN THAT THE CONDITION OR MATERIAL IS TO SEAMLESSLY MATCH THE SURROUNDING OR PRESCRIBE MATERIAL IN STYLE, PROFILE, COLOR, TEXTURE & WHERE POSSIBLE MANUFACTURE.	

GENERAL DEMO NOTES	
1. ITEMS TO BE REMOVED ARE TO BE DISPOSED OF PROPERLY TO MEET LOCAL, STATE, AND FEDERAL LAWS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.	17. REMOVE ALL TELEPHONE, DATA, SWITCHES, OUTLETS AND ASSOCIATED WIRING CONDUIT AND CONDUCTORS BACK TO SOURCE. COORDINATE WITH ENGINEERING DOCUMENTS.
2. DO NOT BURN DEMOLISHED MATERIALS.	18. PROCEED WITH SELECTIVE DEMOLITION SYSTEMATICALLY, FROM HIGHER TO LOWER LEVEL. COMPLETE SELECTIVE DEMOLITION OPERATIONS ABOVE EACH FLOOR OR TIER BEFORE DISTURBING SUPPORTING MEMBERS ON THE NEXT LOWER LEVEL.
3. COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION. UNLESS OTHERWISE INDICATED, DEMOLITION WASTE BECOMES PROPERTY OF CONTRACTOR.	19. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS EAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. USE HAND TOOLS OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING AND CHOPPING. TEMPORARILY COVER OPENINGS TO REMAIN.
5. STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE IS PROHIBITED.	20. DO NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. AT CONCEALED SPACES, SUCH AS DUCT AND PIPE INTERIORS, VERIFY CONDITION AND CONTENTS OF HIDDEN SPACE BEFORE STARTING FLAME-CUTTING OPERATIONS. MAINTAIN PORTABLE FIRE-SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS.
6. NOTIFY ARCHITECT OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND DRAWINGS BEFORE PROCEEDING WITH SELECTIVE DEMOLITION.	21. MAINTAIN FIRE WATCH DURING AND FOR AT LEAST 24 HOURS AFTER FLAME-CUTTING OPERATIONS.
7. HAZARDOUS MATERIALS MAY BE PRESENT IN THE LIGHTING BALLAST. REMOVE AND DISPOSE OF PROPERLY.	22. MAINTAIN ADEQUATE VENTILATION WHEN USING CUTTING TORCHES.
8. IF SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB. IMMEDIATELY NOTIFY ARCHITECT AND OWNERS.	23. DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY.
9. DESIGN, PROVIDE, AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF CONSTRUCTION AND FINISHES TO REMAIN, AND TO PREVENT UNEXPECTED OR UNCONTROLLED MOVEMENT OR COLLAPSE OF CONSTRUCTION BEING DEMOLISHED. STRENGTHEN OR ADD NEW SUPPORTS WHEN REQUIRED DURING PROGRESS OF SELECTIVE DEMOLITION.	24. CONDUCT SELECTIVE DEMOLITION AND DEBRIS-REMOVAL OPERATIONS TO ENSURE MINORS TO INTERFERENCE WITH ROADS, STREETS, WALKS, WALKWAYS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
10. COORDINATE REMOVAL/RELOCATION OF ALL FURNISHING & EQUIPMENT WITH TENANT.	25. CLEAN SALVAGED ITEMS. PACK OR CRATE ITEMS AFTER CLEANING. IDENTIFY CONTENTS OF CONTAINERS. STORE ITEMS IN A SECURE AREA UNTIL DELIVERY TO OWNER. PROTECT ITEMS FROM DAMAGE WHILE IN STORAGE.
11. LIGHTING FIXTURES TO BE REMOVED ARE TO BE DISPOSED OF PROPERLY COORDINATE WITH ENGINEERING DOCUMENTS.	26. PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING SELECTIVE DEMOLITION. WHEN PERMITTED BY ARCHITECT, ITEMS MAY BE REMOVED TO A SUITABLE PROTECTED STORAGE LOCATION DURING SELECTIVE DEMOLITION AND CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS AFTER SELECTIVE DEMOLITION OPERATIONS ARE COMPLETE.
12. RECEPTACLES TO BE REMOVED OR RELOCATED WHERE NOTED. ALL ASSOCIATED BRANCH CIRCUIT WIRING IS TO BE REMOVED BACK TO SOURCE. COORDINATE WITH ENGINEERING DOCUMENTS	
13. SWITCHES TO BE REMOVED OR RELOCATED WHERE NOTED. ALL ASSOCIATED BRANCH CIRCUIT WIRING IS TO BE REMOVED BACK TO SOURCE. COORDINATE WITH ENGINEERING DOCUMENTS	
14. FIRE ALARM DEVICES OBSTRUCTING CONSTRUCTION ARE TO BE REMOVED. ALL ASSOCIATED WIRING IS TO BE REMOVED BACK TO NEAREST JUNCTION BOX SERVING AREA. THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN IN OPERATION AT ALL TIMES. IF ANY OUTAGE IS REQUIRED, CONTRACTOR SHALL NOTIFY OWNER. COORDINATE WITH ENGINEERING DRAWINGS.	
15. REMOVE ALL UNUSED WIRING AND CABLE BACK TO PANELBOARD OR NEAREST OUTLET TO REMAIN IN SERVICE. REMOVE ALL UNUSED CONDUIT BACK TO SOURCE OR PERIMETER WALL. PROVIDE CONDUIT CAP AT FLOOR OR PERIMETER WALL LOCATIONS. COORDINATE WITH ENGINEERING DOCUMENTS.	
16. DUCTWORK TO BE REMOVED BACK TO SOURCE. COORDINATE WITH ENGINEERING DOCUMENTS.	

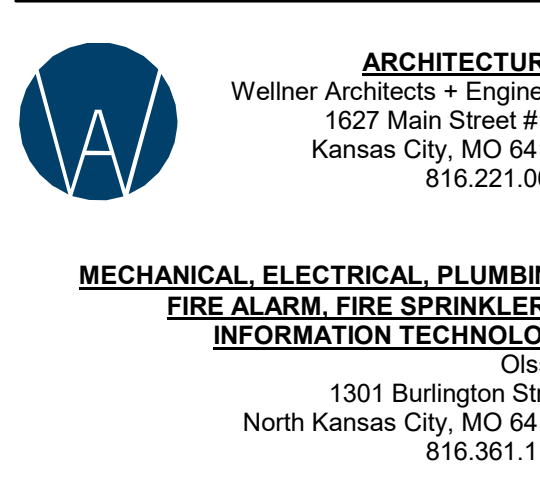
ABBREVIATIONS			
ADJ A.F.F. ALUM ALT APPROX BRG A.S.	ADJACENT ABOVE FINISHED FLOOR ALUMINUM ALTERNATE APPROXIMATE ARCHITECTURAL ABOVE SLAB	H.B. HC HD HDWR HM HORIZ HR HT HVAC	HOSE BIB HANDICAPPED HEAD HARDWARE HOLLOW METAL HORIZONTAL HOUR HEIGHT HEATING, VENTILATION, AIR CONDITIONING
BB BD BL BLDG BLKG BRG BOT B.O. B.O.S.	BASE BID BOARD BORROWED LITE BUILDING BLOCKING BEARING BOTTOM BOTTOM OF BOTTOM OF STEEL	ID IN INSUL INT JAN JST JT/ JNT	INSIDE DIAMETER INCH INSULATION INTERIOR JANITOR JOIST JOINT
CJ CL CLNG CLR CMU C.O. COL CONC CONST CONT CONTR CORR CPT CT CTR	CONTROL JOINT CLOSET CEILING CLEAR CONCRETE MASONRY UNIT CLEAN OUT COLUMN CONCRETE CONSTRUCTION CONTINUOUS CONTRACTOR CORRIDOR CARPET CERAMIC TILE CENTER	KEC KIT L LAM LAV LT	KITCHEN EQUIPMENT CONTRACTOR KITCHEN LONG / LENGTH LAMINATE, LAMINATED LAVATORY LIGHT
DBL DEPT DET DIA DIM DN DR DTL DW DWG(S)	DOUBLE DEPARTMENT DETAIL DIAMETER DIMENSION DOWN DOOR DETAIL DISHWASHER DRAWING/DRAWINGS	M&MR MATL MAS MAX MECH MEMB MTL MEZZ MFR, MANUF. MIN MIR MISC MR MTD MWS	MOLD & MOISTURE RESISTANT MATERIAL MASONRY MAXIMUM MECHANICAL MEMBRANE METAL MEZZANINE MANUFACTURER MINIMUM MIRROR MISCELLANEOUS MOISTURE RESISTANT MOUNTED MOVABLE WALL SYSTEM
E EA EJ EL, ELEV ELEC ENCL E.O.S. EQ EQU E.T.R. E.W. EXIST. EXT	EAST EACH EXPANSION JOINT ELEVATION ELECTRIC, ELECTRICAL ENCLOSURE EDGE OF SLAB EQUAL EQUIPMENT EXISTING TO REMAIN EACH WAY EXISTING EXTERIOR	N N.I.C. NO, NUM NOM N.S.F. N.T.S.	NORTH NOT IN CONTRACT NUMBER NOMINAL NET SQUARE FEET NOT TO SCALE
FAP FD FDN FE FEC FIN. FIX, FIXT FL, FLR FLASH F.O.C. F.O.F. F.O.W. FR FT FTG FURR F.V. FVC	FIRE ALARM PANEL FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINISH FIXTURE FLOOR FLASHING FACE OF CONCRETE FACE OF FINISH FACE OF STUD FACE OF WALL FIRE RATED, FIRE RETARDANT FOOT, FEET FURRING FIELD VERIFY FIRE VALVE CABINET	PERP. PL PLAM PLYWD PNL, PANEL PR PROJ PROP. P.T. PT	PERPENDICULAR PLATE PLASTICAL LAMINATE PLYWOOD PANELBOARD PAIR PROJECT PROPERTY PRESSURE TREATED PAINT
GA GALV G.C. GRND GL G.S.F. GYP BD GYP	GAUGE GALVANIZED GENERAL CONTRACTOR GROUND GLASS, GRID LINE GROSS SQUARE FOOTAGE GYPSUM WALLBOARD GYPSUM	QT QTY R RCP RAD, R RD REINF, R.I. REQ, REQ'D REV ROOM R.O.	QUARRY TILE QUANTITY RISER REFLECTED CEILING PLAN RADIUS ROOF DRAIN REINFORCED REQUIRED REVISION ROOM ROUGH OPENING

SYMBOLS			
	GRID LINE		PARTITION TYPE
	LEVEL		WINDOW TYPE
	BUILDING SECTION		DOOR TAG
	WALL SECTION		CEILING TAG
	DETAIL SECTION		CASEWORK TAG
	DETAIL CALLOUT ENLARGED PLAN		ROOM TAG
	EXTERIOR ELEVATION		REVISION NUMBER
	INTERIOR ELEVATION		REVISION AREA/ITEM

SHEET INDEX	
Number	Sheet Name
G-000	COVER SHEET
G-001	GENERAL INFORMATION
ADP-102	DEMOLITION ROOF PLAN
ADP-201	EXTERIOR DEMOLITION ELEVATIONS
ADP-401	ENLARGED DEMOLITION FLOOR PLAN
AS-100	SITE PLAN
AS-102	SITE DETAILS
A-100	FLOOR PLAN
A-101	REFLECTED CEILING PLAN
A-102	ROOF PLAN
A-201	EXTERIOR ELEVATIONS
A-401	ENLARGED PLANS
A-402	ENLARGED PLANS
A-403	ENLARGED REFLECTED CEILING PLAN
A-404	INTERIOR ELEVATIONS WOMANS RESTROOM
A-405	INTERIOR ELEVATION MENS RESTROOM
A-501	DETAILS
A-600	SCHEDULES
M001	GENERAL MECHANICAL INFORMATION
M101	MECHANICAL FLOOR PLAN
M102	MECHANICAL ROOF PLAN
M401	ENLARGED MECHANICAL PLAN
M701	MECHANICAL SCHEDULES
E001	GENERAL ELECTRICAL INFORMATION
E101	LIGHTING FLOOR PLAN
E102	POWER FLOOR PLAN
E103	POWER - ROOF
E401	ENLARGED ELECTRICAL PLANS
E501	DIAGRAMS
E701	ELECTRICAL SCHEDULES



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

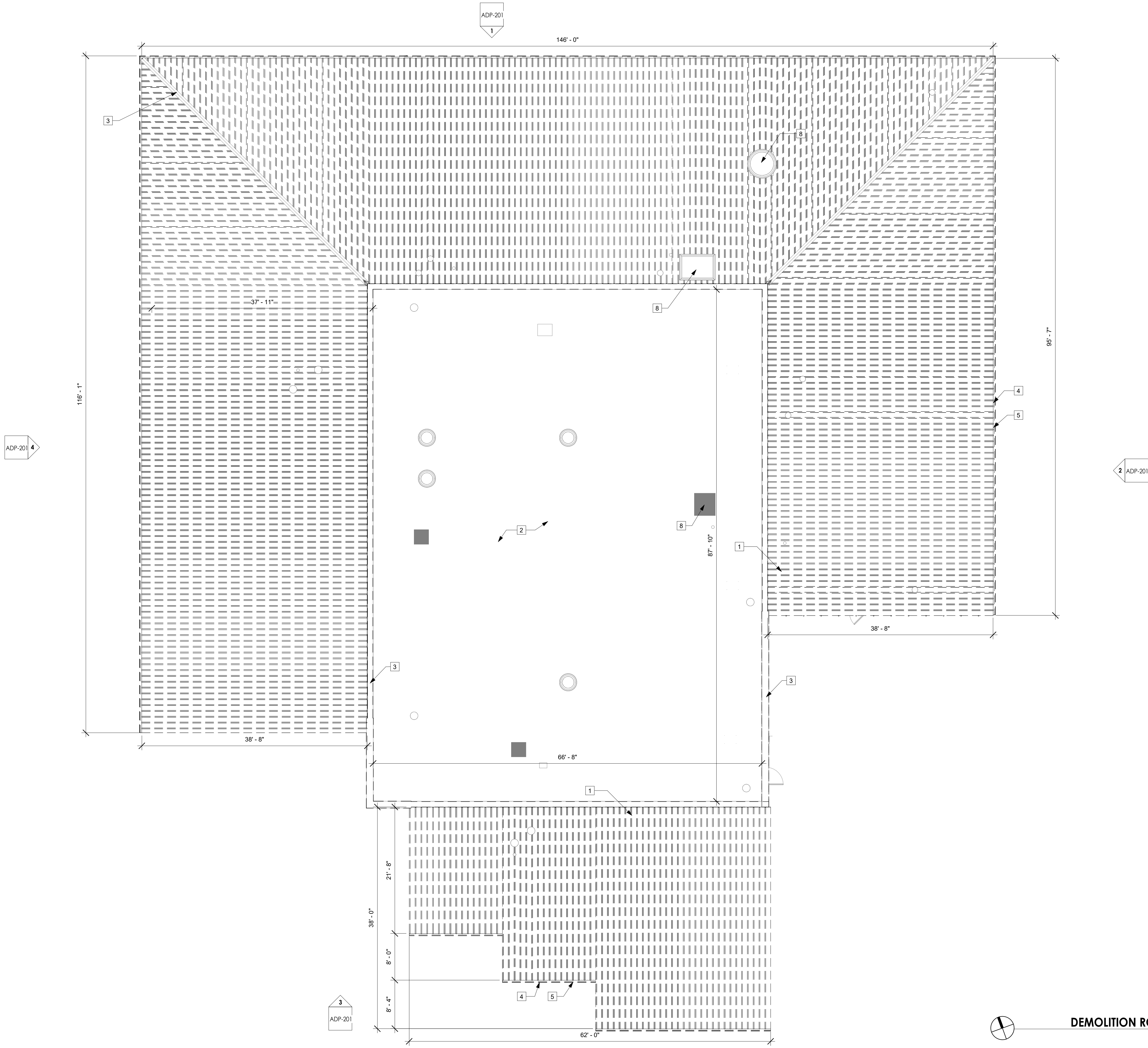
SHEET TITLE:

GENERAL
INFORMATION

SHEET NUMBER:

G-001
2 OF 30 SHEETS
7/30/2025 2:09:33 PM

7/30/2025 2:09:34 PM



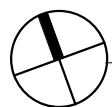
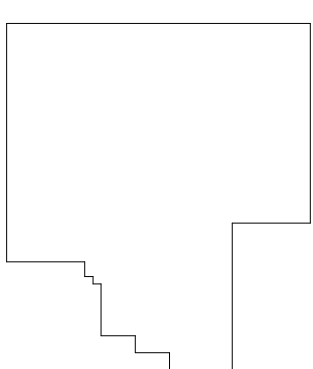
ROOF PLAN & ELEVATION
DEMOLITION

X

- 1 REMOVE EXISTING STANDING SEAM ROOF
- 2 REMOVE EXISTING EPDM ROOF AND ASSOCIATED TRIM AND COVER BOARD
- 3 REMOVED EXISTING TRIM AND FASHING
- 4 REMOVED EXISTING FASCIA AND SOFFIT
- 5 REMOVE EXISTING GUTTERS AND DOWNSPOUTS
- 6 REMOVED EXISTING METAL PANEL WALLS
- 7 REMOVED EXISTING THRU WALL METAL SCUPPER & FLASHING
- 8 REMOVED EXISTING MECHANICAL EQUIPMENT RE: MECHANICAL DRAWINGS
- 9 REMOVED EXISTING ROOF CURB AND COVER

NOTE:
1. REFERE TO M-102 FOR MECHANICAL EQUIPMENT

KEY PLAN



DEMOLITION ROOF PLAN

1/8" = 1'-0"

1

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READYNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

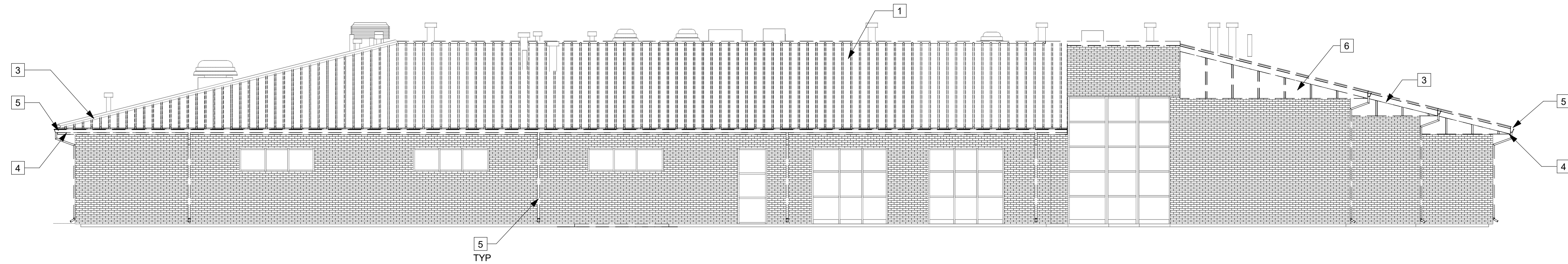
DEMOLITION
ROOF PLAN

SHEET NUMBER:

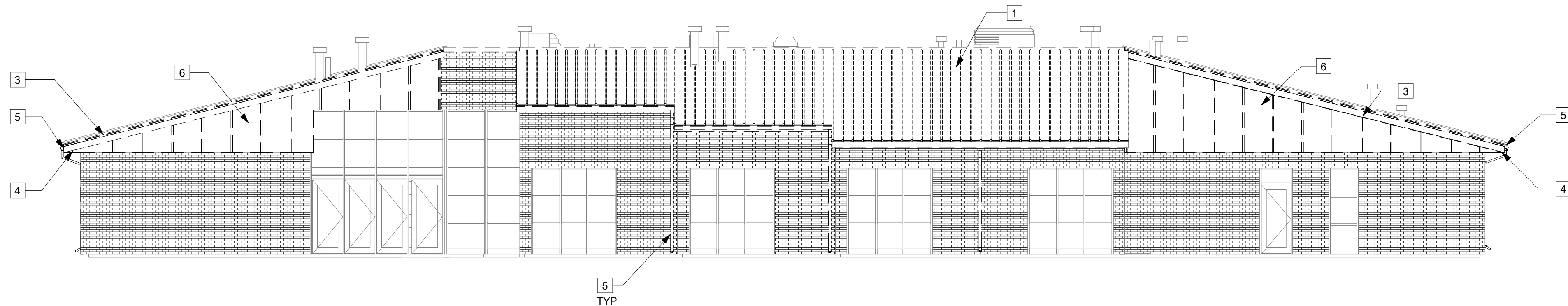
ADP-102

3 OF 30 SHEETS
7/30/2025 2:09:34 PM

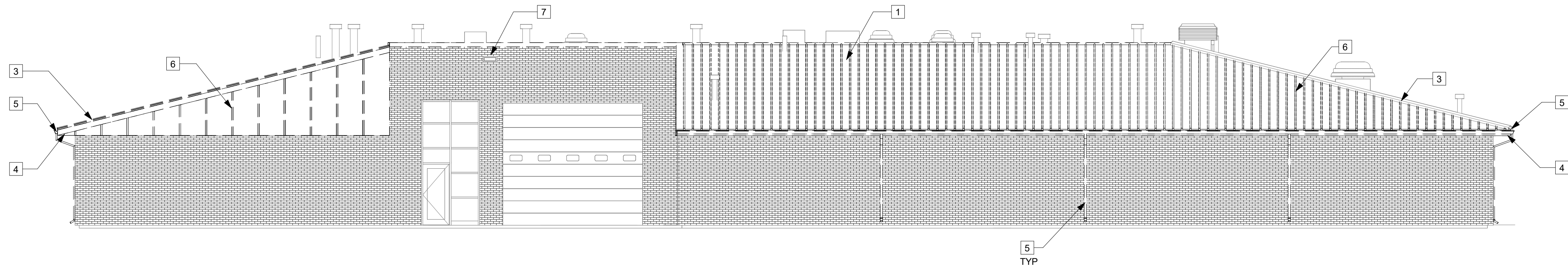
7/30/2025 2:09:35 PM



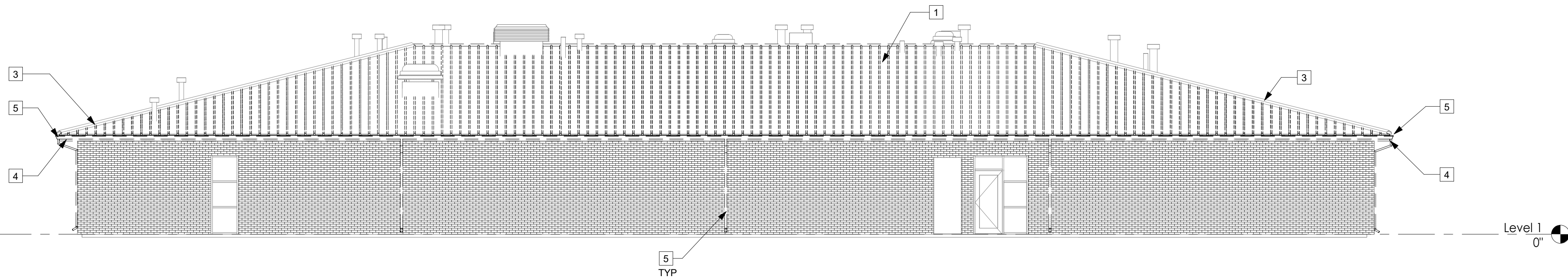
DEMOLITION WEST ELEVATION 4
REFERENCED FROM 1 / ADP-102 1/8" = 1'-0"



DEMOLITION SOUTH ELEVATION 3
REFERENCED FROM 1 / ADP-102 1/8" = 1'-0"



DEMOLITION EAST ELEVATION 2
REFERENCED FROM 1 / ADP-102 1/8" = 1'-0"



DEMOLITION NORTH ELEVATION 1
REFERENCED FROM 1 / ADP-102 1/8" = 1'-0"

ROOF PLAN & ELEVATION
DEMOLITION

X

- 1 REMOVE EXISTING STANDING SEAM ROOF
- 2 REMOVE EXISTING EPDM ROOF AND ASSOCIATED TRIM AND COVER BOARD
- 3 REMOVED EXISTING TRIM AND FASHING
- 4 REMOVED EXISTING FASCIA AND SOFFIT
- 5 REMOVE EXISTING GUTTERS AND DOWNSPOUTS
- 6 REMOVED EXISTING METAL PANEL WALLS
- 7 REMOVED EXISTING THRU WALL METAL SCUPPER & FLASHING
- 8 REMOVED EXISTING MECHANICAL EQUIPMENT RE: MECHANICAL DRAWINGS
- 9 REMOVED EXISTING ROOF CURB AND COVER

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

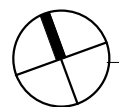
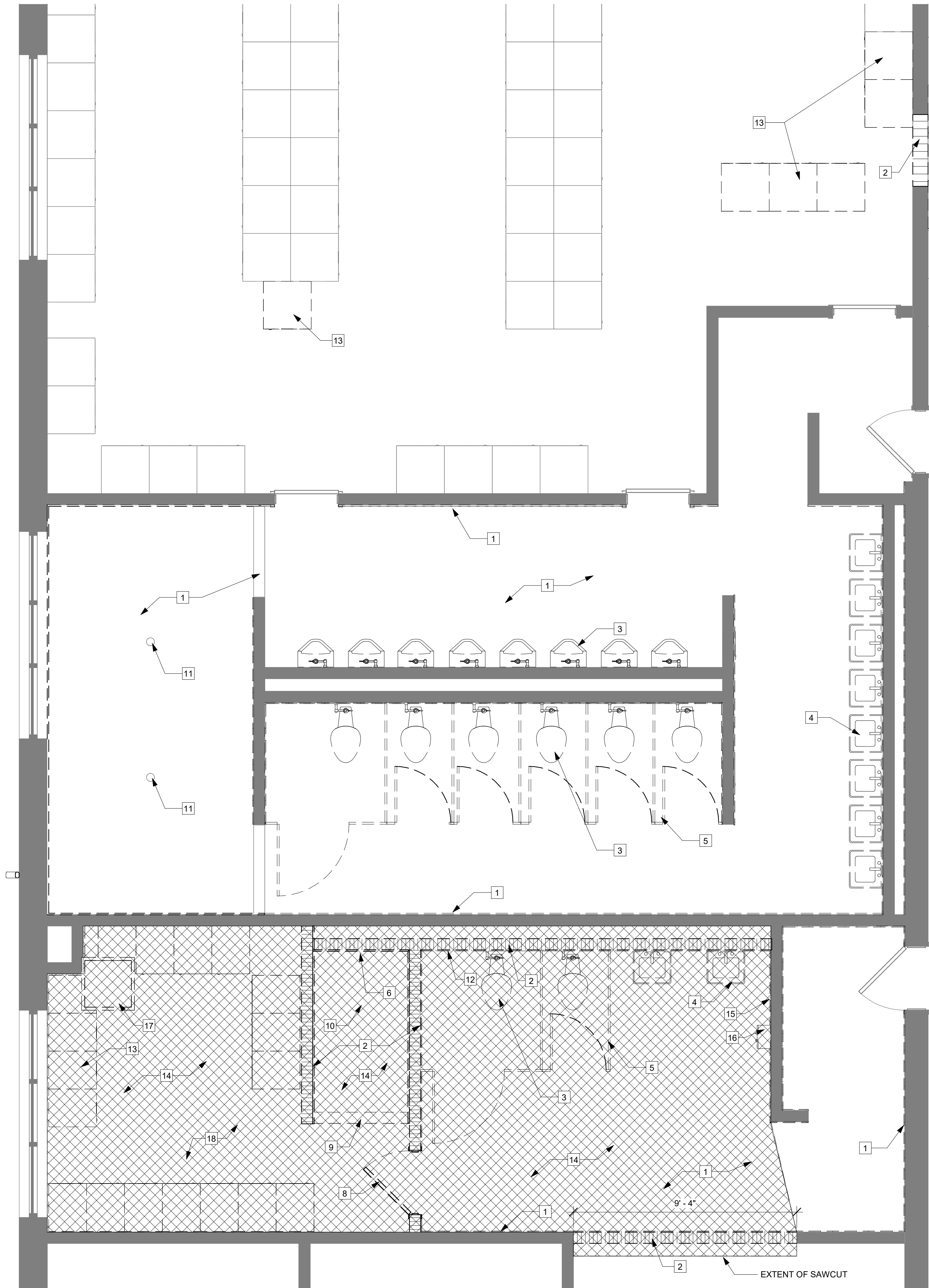
EXTERIOR
DEMOLITION
ELEVATIONS

SHEET NUMBER:

ADP-201

4 OF 30 SHEETS
7/30/2025 2:09:35 PM

7/30/2025 2:09:36 PM



ENLARGED DEMOLITION FLOOR PLAN
REFERENCED FROM 1 / ADP-201 3/8" = 1'-0"

1

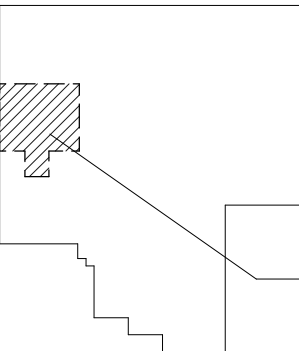
DEMOLITION NOTES	
1	REMOVE CERAMIC AND PORCELAIN WALL AND FLOOR TILE THROUGHOUT SPACE. GRIND SMOOTH AND FLUSH WITH ADJACENT FLOOR AND PREP FOR NEW FLOOR FINISH
2	REMOVE MASONRY WALL
3	REMOVE TOILET AND URINALS, RE MEP FOR ADDITIONAL DEMOITION SCOPE
4	REMOVE SINKS, RE MEP FOR ADDITIONAL DEMOITION SCOPE
5	REMOVE TOILET PARTITIONS AND ACCESSORIES
6	REMOVE SHOWER HEAD AND CONTROLS, RE MEP FOR ADDITIONAL DEMOITION SCOPE
7	NOT USED
8	REMOVE DOOR AND HOLLOW METAL FRAME
9	REMOVE SHOWER SILL
10	REMOVED EXISTING FLOOR DRAIN
11	REMOVE GANG SHOWER COLUMN
12	REMOVE ACCESS PANEL AND INFILL
13	REMOVE EXISTING LOCKER TO BE REINSTALLED ELSEWHERE
14	SAWCUT EXISTING FLOOR FOR NEW SHOWERS
15	EXISTING FOLDING PAPER TOWEL DISPENSERS TO BE REMOVED AND REINSTALLED AT NEW LOCATION
16	EXISTING SANITARY NAPKIN DISPENSER TO BE REMOVED AND REINSTALLED AT NEW LOCATION
17	REMOVED EXISTING CEILING ACCESS PANEL
18	REMOVED EXISTING CEILING

DEMO LEGEND & GEN. NOTES

- WALL TO REMAIN
- ■ ■ MASONRY WALL TO BE REMOVED
- DOOR & FRAME TO REMAIN
- - - DOOR & FRAME TO BE REMOVED

- REFER TO MECHANICAL, ELECTRICAL, PLUMBING, TECHNOLOGY, & KITCHEN DRAWINGS FOR DEVICES, FIXTURES, AND EQUIPMENT TO BE REMOVED.
- ALL ELEVATIONS/CEILING HEIGHTS ARE ASSUMED AND SHOULD BE FIELD VERIFIED.
- REMOVE ALL WALL BASE WHERE FLOORING IS REMOVED.
- PATCH ALL HOLES AND PENETRATIONS THAT WILL NO LONGER BE USED IN CONCRETE SLABS WITH FULL-DEPTH CONCRETE.

KEY PLAN



NORTH

AREA OF WORK, RESTROOM

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

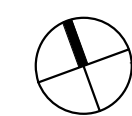
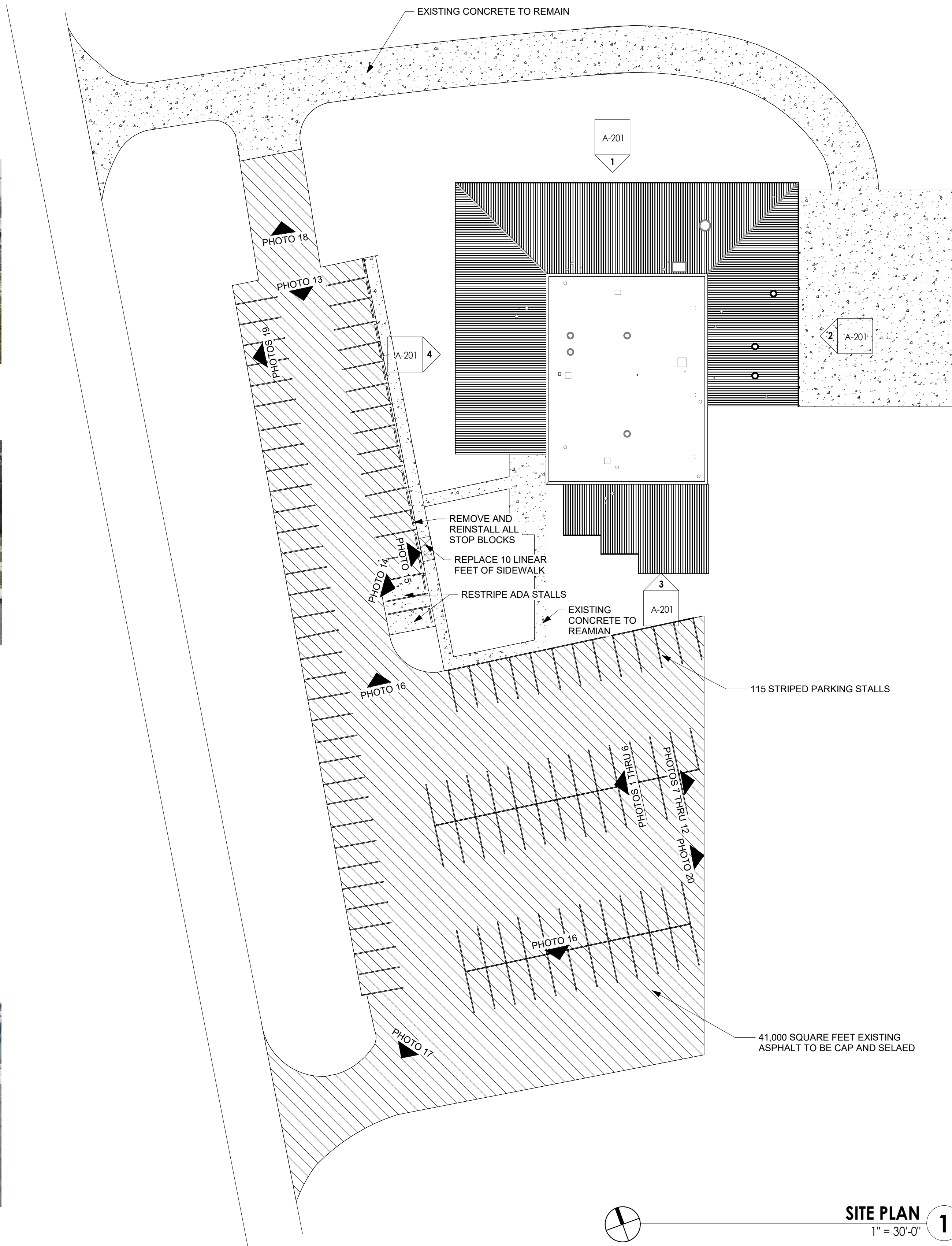
SHEET TITLE:

ENLARGED
DEMOLITION
FLOOR PLAN

SHEET NUMBER:

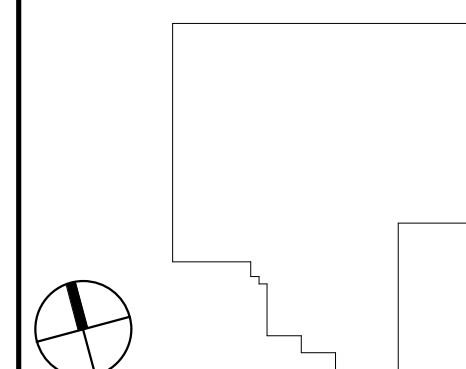
ADP-401

5 OF 30 SHEETS
7/30/2025 2:09:36 PM



SITE PLAN
1" = 30'-0" **1**

KEY PLAN



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY # 8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

SITE PLAN

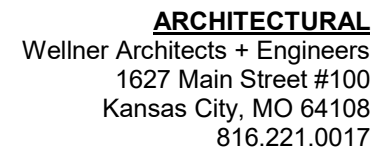
SHEET NUMBER:

AS-100

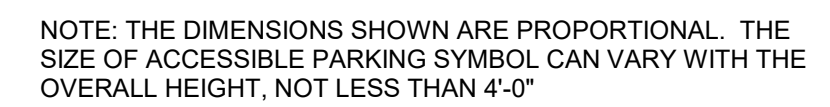
6 OF 30 SHEETS
7/30/2025 2:09:39 PM

7/30/2025 2:09:39 PM

PROFESSIONAL SEAL



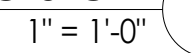
Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

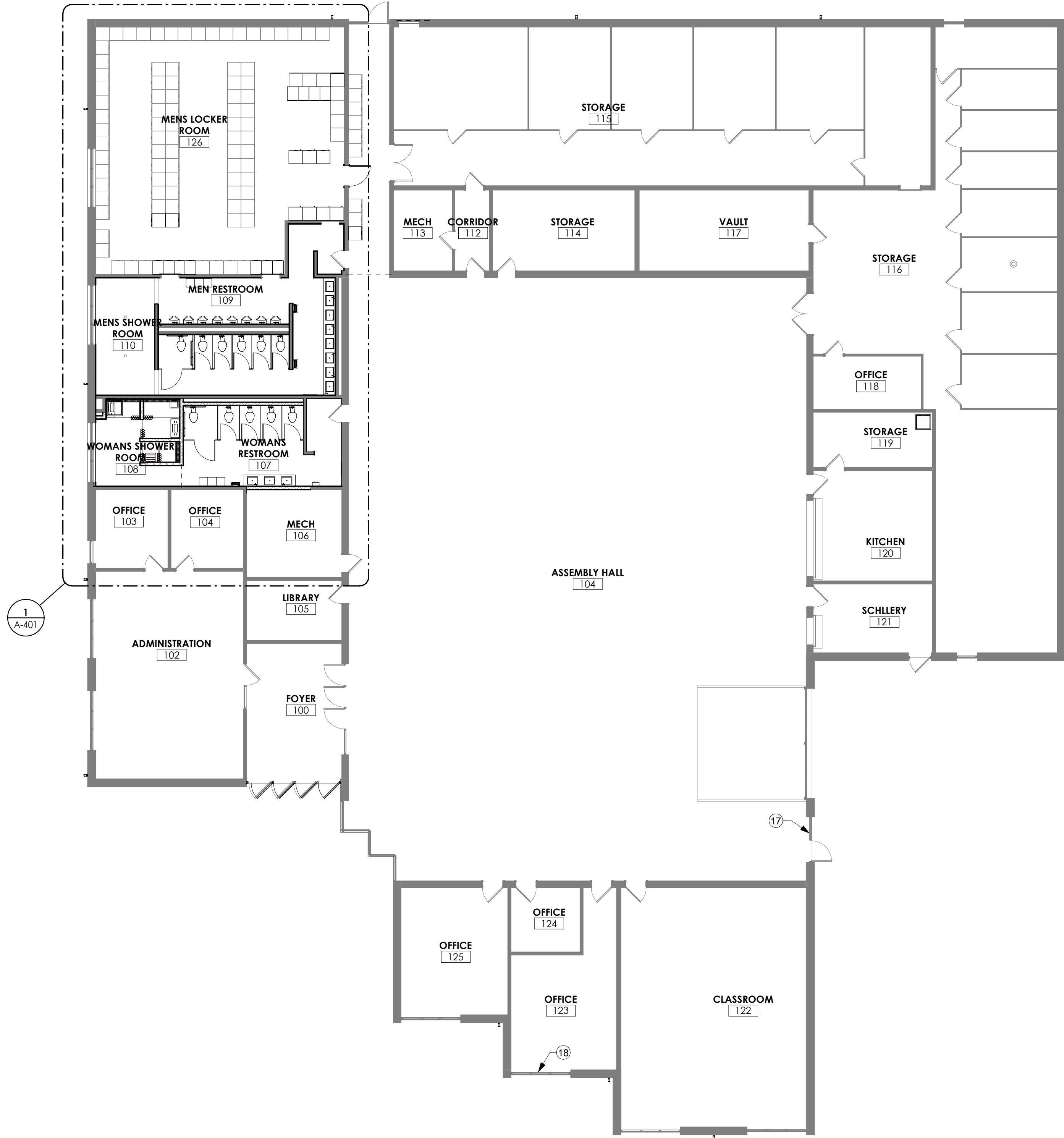

$$\frac{1}{2}'' = 1'-0''$$


1 1/2" = 1'-0"


$$1\frac{1}{2}'' = 1'-0''$$


SECTION
1 1/2" = 1' 0"

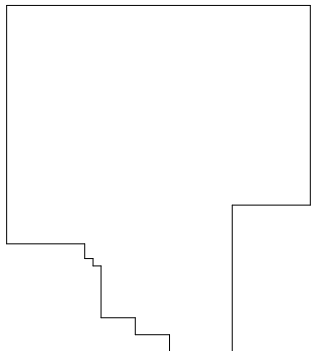

$$1'' = 1' - 0''$$



FLOOR PLAN NOTES

- FLOOR MOUNTED ADA TOILET
- WALL MOUNTED SINK
- URNIAL REMOVE AND REINSTALL URINAL, TYP
- REMOVE AND REINSTALL URINAL AT ADA HEIGHT
- PLASTIC TOILET PARTITION FLOOR MOUNTED
- RESINOUS FLOORING AND BASE
- SHOWER FIXTURE
- CURVED SHOWER ROD AND CURTAIN
- ADA FOLDING SHOWER BENCH 33" x 16"
- ADA FOLDING SHOWER BENCH 18" x 16"
- GANG SHOWER
- ADA SINK
- EXISTING FOLDING PAPER TOWEL DISPENSERS TO BE REMOVED AND REINSTALLED AT NEW LOCATION
- EXISTING SANITARY NAPKIN DISPENSER TO BE REMOVED AND REINSTALLED AT NEW LOCATION
- NEW 16" X 16" ACCESS PANEL IN EXISTING MASONRY WALL
- REMOVE AND REPLACE EXISTING SEALNT AND BACKERROD AT STOREFRONT UNIT
- REMOVE AND REPLACE EXISTING SEALNT AND BACKERROD AT WINDOW
- EXISTING 24" X 24" LOCKERS TO BE RELOCATED
- EXISTING 18" X 24" LOCKERS TO BE MOVED TO NEW WOMENS LOCKER ROOM
- NEW CONCRETE FLOOR SLAB
- NEW ADA GRAB BARS: 42", 36" AND VERTICAL 18"
- PARTITION MOUNTED DUAL TOILET TISSUE DISPENSER
- SURFACE MOUNTED TOILET TISSUE DISPENSER
- PARTITION MOUNTED DUAL SANITARY NAPKIN DISPOSAL
- SURFACE MOUNTED SANITARY NAPKIN DISPOSAL
- NEW CONCRETE FLOOR SLAB SLOPE TO TRENCH DRAINS AT MAX 2%
- NEW MASONRY WALL IN SAME LOCATION AS EXISTING WALL
- OMMIT FIRST MASONRY UNIT SO WALL SPANS OVER TRENCH DRAIN
- OUTSIDE EDGE OF TRENCH DRAIN TO BE WITHIN 6" OF BACK WALL

KEY PLAN



FLOOR PLAN
3/32" = 1'-0"

1

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY

Clisson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

FLOOR PLAN

SHEET NUMBER:

A-100

8 OF 30 SHEETS
7/30/2025 2:09:40 PM



CEILING PLAN NOTES

- 1 LIGHTS, RE MEP
- 2 SUPPLY/DIFFUSER/RETURN GRILL, RE MEP
- 3 PATCH AND REPAIR EXISTING CEILING, PAINT
- 4 REMOVE AND REPLACE EXISTING CEILING, PAINT

RCP GENERAL NOTES & LEGEND

1. PAINT ALL NEW AND EXISTING PLASTER/GYPSUM BOARD CEILINGS.
2. PATCH AND REPAIR ANY EXISTING TO REMAIN FINISHES THAT DO NOT HAVE A LIKE-NEW APPEARANCE.
3. ALL EXISTING DIMENSIONS AND ELEVATIONS ARE FOR GENERAL GUIDANCE AND ARE TO BE FIELD VERIFIED. NOTIFY ARCHITECT OF DISCREPANCIES BETWEEN FIELD CONDITIONS AND CONTRACT DOCUMENTS. WHERE NEW WORK IS SHOWN ADJACENT TO EXISTING WORK, NEW WORK TO BE IN LINE WITH EXISTING VERTICALLY/HORIZONTALLY.

AREA NOT IN SCOPE

ACT - 48" ARMSTRONG DESIGN FLEX
4" TRIANGULAR SUSPENDED CEILING PANELS & SUPRAFINE XM 9/16" GRID

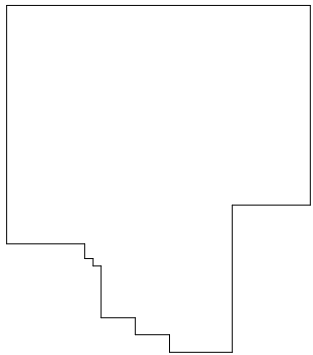
EXISTING 2x2
REPLACE ANY DAMAGED TILES TO MATCH EXISTING

EXISTING 2x4
REPLACE ANY DAMAGED TILES TO MATCH EXISTING

GWB
5/8" TYPE "X" GYPSUM BOARD ON METAL FRAMING

X-GWB
PATCH FINISHES AS REQ'D AT NEW WORK

KEY PLAN



NORTH

Level 1
3/32" = 1'-0"

1

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

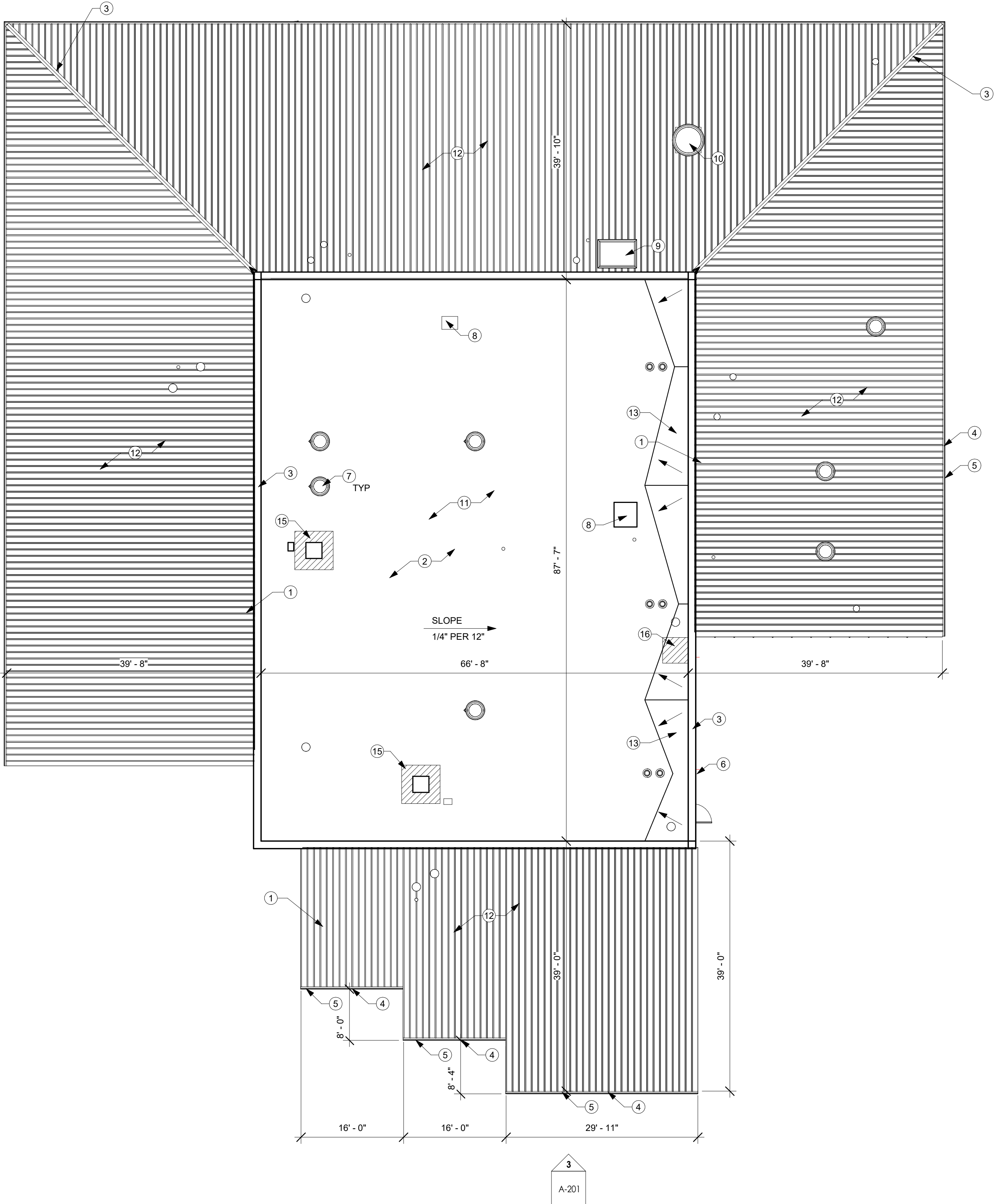
REFLECTED
CEILING PLAN

SHEET NUMBER:

A-101

9 OF 30 SHEETS
7/30/2025 2:09:41 PM

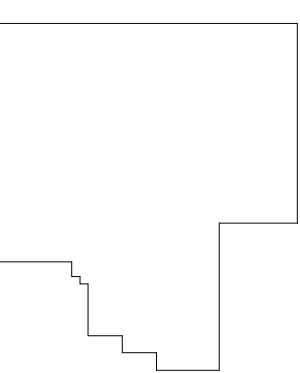
7/30/2025 2:09:43 PM



ROOF PLAN NOTES

- 1 NEW STANDING SEAM ROOF
- 2 NEW TPO ROOF, COVER BOARD & 4" RIGID INSULATION
- 3 NEW TRIM AND FASHING
- 4 NEW FASCIA AND SOFFIT
- 5 NEW GUTTERS AND DOWNSPOUT
- 6 NEW THRU WALL METAL SCUPPER & FLASHING
- 7 EXISTING EQUIPMENT TO BE REMOVED AND REPLACED UNLESS NOTED OTHERWISE, TYP
- 8 PATCH HOLE IN METAL DECK, INSTALL INSULATION MATCHING EXISTING ADJACENT
- 9 PATCH HOLE IN METAL DECK AT REMOVED LOUVER FAN
- 10 PATCH HOLE IN METAL DECK AT REMOVED EXHAUST FAN
- 11 EXISTING VENT AND STACKS TO REMAIN, UNLESS NOTED OTHERWISE
- 12 BUDGET TO REMOVE AND REPLACE 5% METAL DECK BELOW STANDING SEAM ROOFS
- 13 INSTALL CRICKET OVERLAY MIN 1/2" IN 12" SLOPE
- 14 INSTALL CRICKET AT PENETRATIONS FOR POSTIVE DRAINAGE, TYP
- 15 WALKWAY PADS AT AT EQUIPMENT, TYP
- 16 4' X 4' WALKWAY PAD CENTERED AT LADDER

KEY PLAN



ROOF PLAN
3/32" = 1'-0"

1

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025

CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

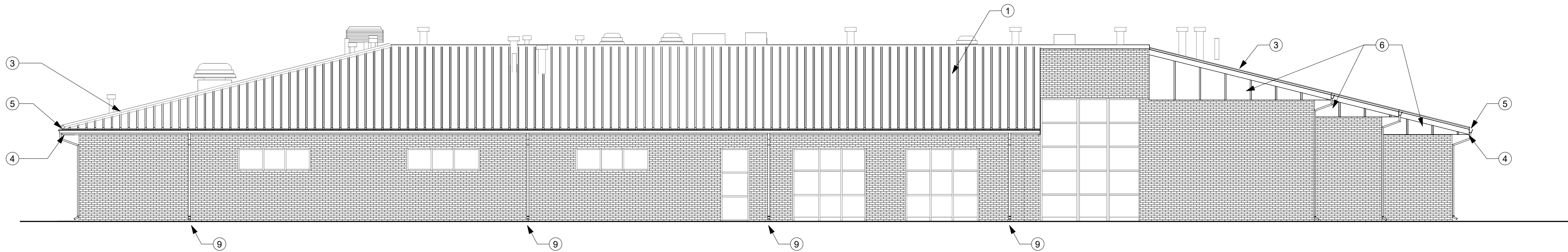
ROOF PLAN

SHEET NUMBER:

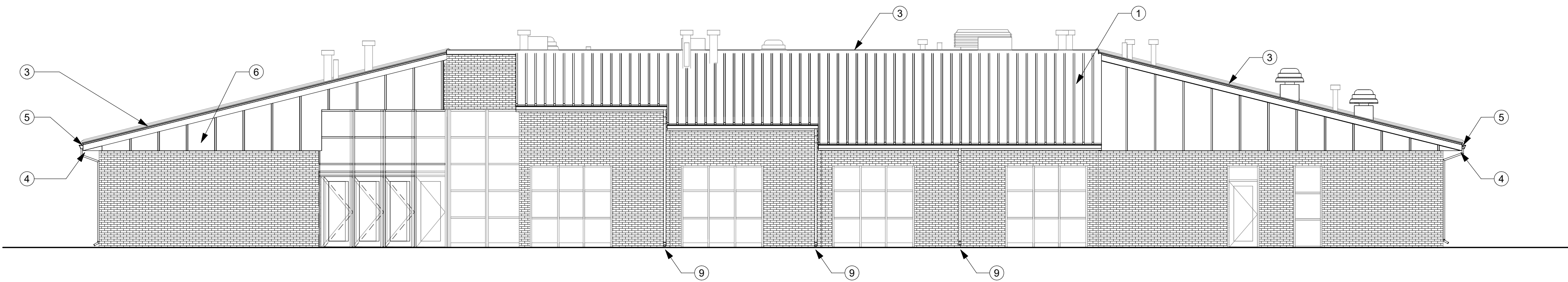
A-102

10 OF 30 SHEETS
7/30/2025 2:09:43 PM

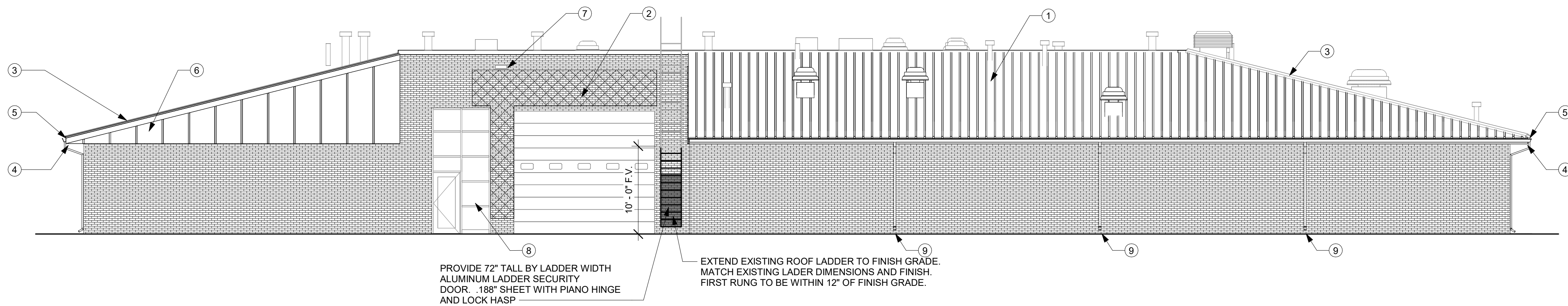
7/30/2025 2:09:46 PM



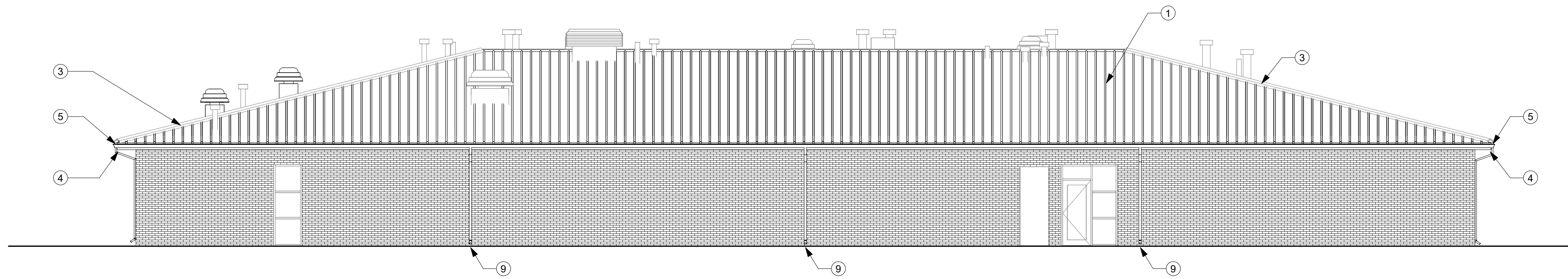
WEST ELEVATION 4
REFERENCED FROM 1 / A-101 1/8" = 1'-0"



SOUTH ELEVATION 3
REFERENCED FROM 1 / A-101 1/8" = 1'-0"



EAST ELEVATION 2
REFERENCED FROM 1 / A-101 1/8" = 1'-0"



NORTH ELEVATION 1
REFERENCED FROM 1 / A-101 1/8" = 1'-0"

ELEVATION NOTES

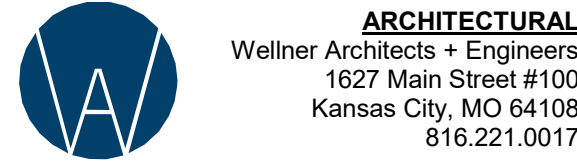
- 1 NEW STANDING SEAM ROOF
- 2 TUCKPOINT BRICK
- 3 NEW TRIM AND FLASHING
- 4 NEW FASCIA AND SOFFIT
- 5 NEW GUTTERS AND DOWNSPOUT
- 6 NEW METAL PANEL WALL TO MATCH ROOF PANEL
- 7 NEW THRU WALL METAL SCUPPER & FLASHING
- 8 CLEAN AND REPAIR EXISTING OPERABLE WINDOW FRAME
- 9 REST SPLASHBLOCKS BENEATH DOWNSPOUTS TO HAVE POSITIVE DRAINAGE AWAY FROM BUILDING AND UNOBSTRUCTED OUTLET

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**
Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

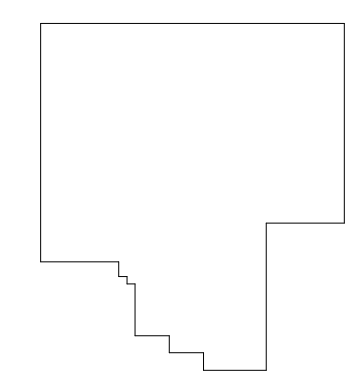
EXTERIOR
ELEVATIONS

SHEET NUMBER:

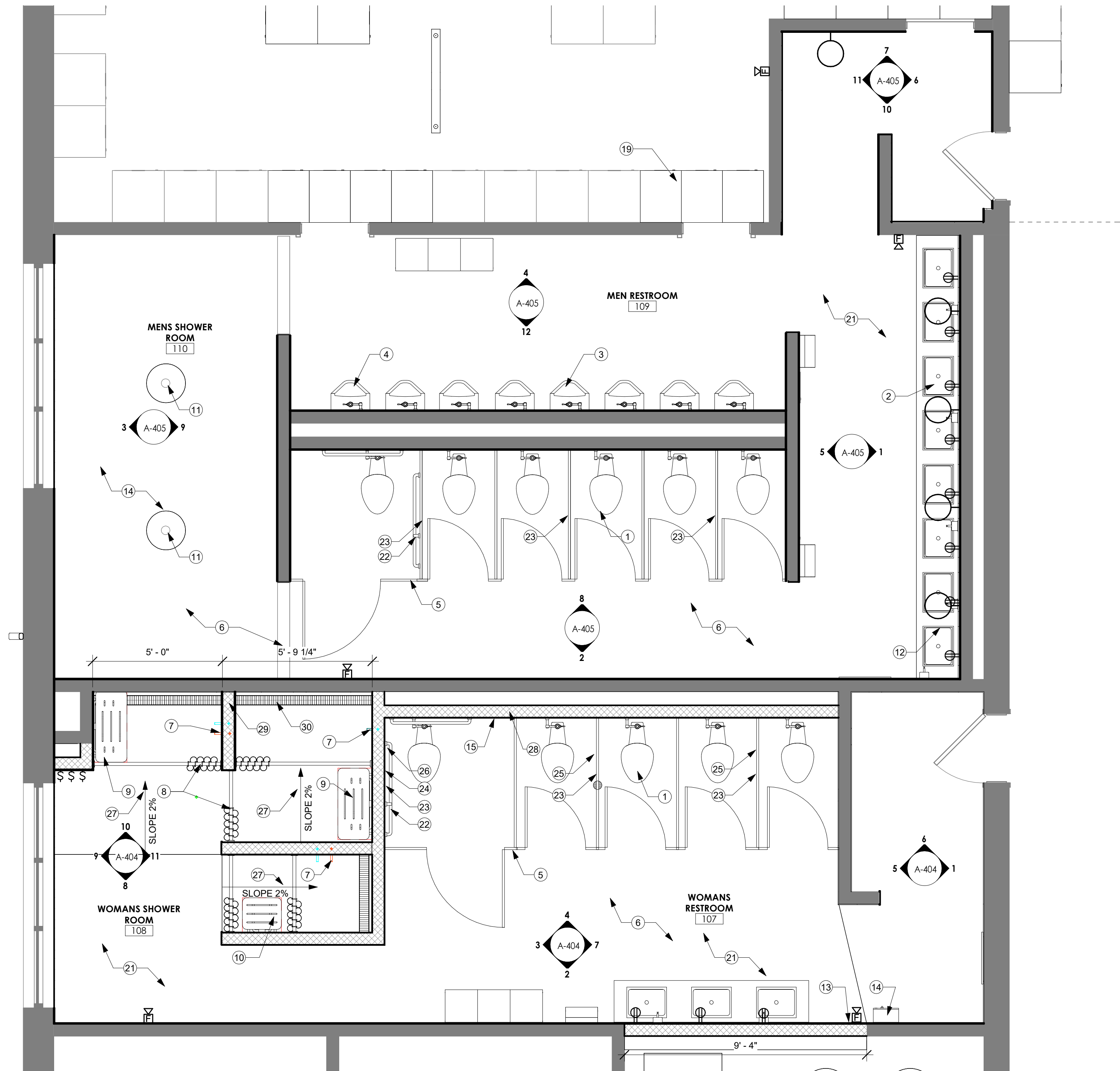
A-201

11 OF 30 SHEETS
7/30/2025 2:09:46 PM

KEY PLAN



7/30/2025 2:09:46 PM



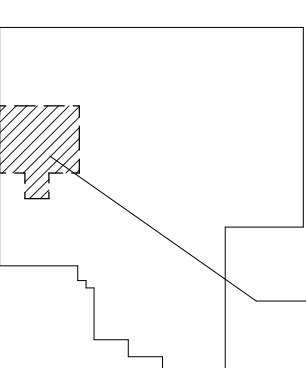
ENLARGED FLOOR PLAN RESTROOM
REFERENCED FROM 1 / A-100
3/8" = 1'-0"

1

FLOOR PLAN NOTES

- FLOOR MOUNTED ADA TOILET
- WALL MOUNTED SINK
- URNIAL REMOVE AND REINSTALL URINAL, TYP
- REMOVE AND REINSTALL URINAL AT ADA HEIGHT
- PLASTIC TOILET PARTITION FLOOR MOUNTED
- RESINOUS FLOORING AND BASE
- SHOWER FIXTURE
- CURVED SHOWER ROD AND CURTAIN
- ADA FOLDING SHOWER BENCH 33" x 16"
- ADA FOLDING SHOWER BENCH 18" x 16"
- GANG SHOWER
- ADA SINK
- EXISTING FOLDING PAPER TOWEL DISPENSERS TO BE REMOVED AND REINSTALLED AT NEW LOCATION
- EXISTING SANITARY NAPKIN DISPENSER TO BE REMOVED AND REINSTALLED AT NEW LOCATION
- NEW 16" X 16" ACCESS PANEL IN EXISTING MASONRY WALL
- REMOVE AND REPLACE EXISTING SEALNT AND BACKERROD AT STOREFRONT UNIT
- REMOVE AND REPLACE EXISTING SEALNT AND BACKERROD AT WINDOW
- EXISTING 24" X 24" LOCKERS TO BE RELOCATED
- EXISTING 18" X 24" LOCKERS TO BE MOVED TO NEW WOMENS LOCKER ROOM
- NEW CONCRETE FLOOR SLAB
- NEW ADA GRAB BARS, 42", 36" AND VERTICAL 18"
- PARTITION MOUNTED DUAL TOILET TISSUE DISPENSER
- SURFACE MOUNTED TOILET TISSUE DISPENSER
- PARTITION MOUNTED DUAL SANITARY NAPKIN DISPOSAL
- SURFACE MOUNTED SANITARY NAPKIN DISPOSAL
- NEW CONCRETE FLOOR SLAB SLOPE TO TRENCH DRAINS AT MAX 2%
- NEW MASONRY WALL IN SAME LOCATION AS EXISTING WALL
- OMMIT FIRST MASONRY UNIT SO WALL SPANS OVER TRENCH DRAIN
- OUTSIDE EDGE OF TRENCH DRAIN TO BE WITHIN 6" OF BACK WALL

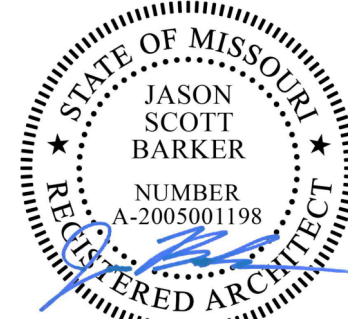
KEY PLAN



AREA OF WORK, RESTROOM



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025

CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

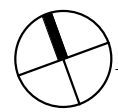
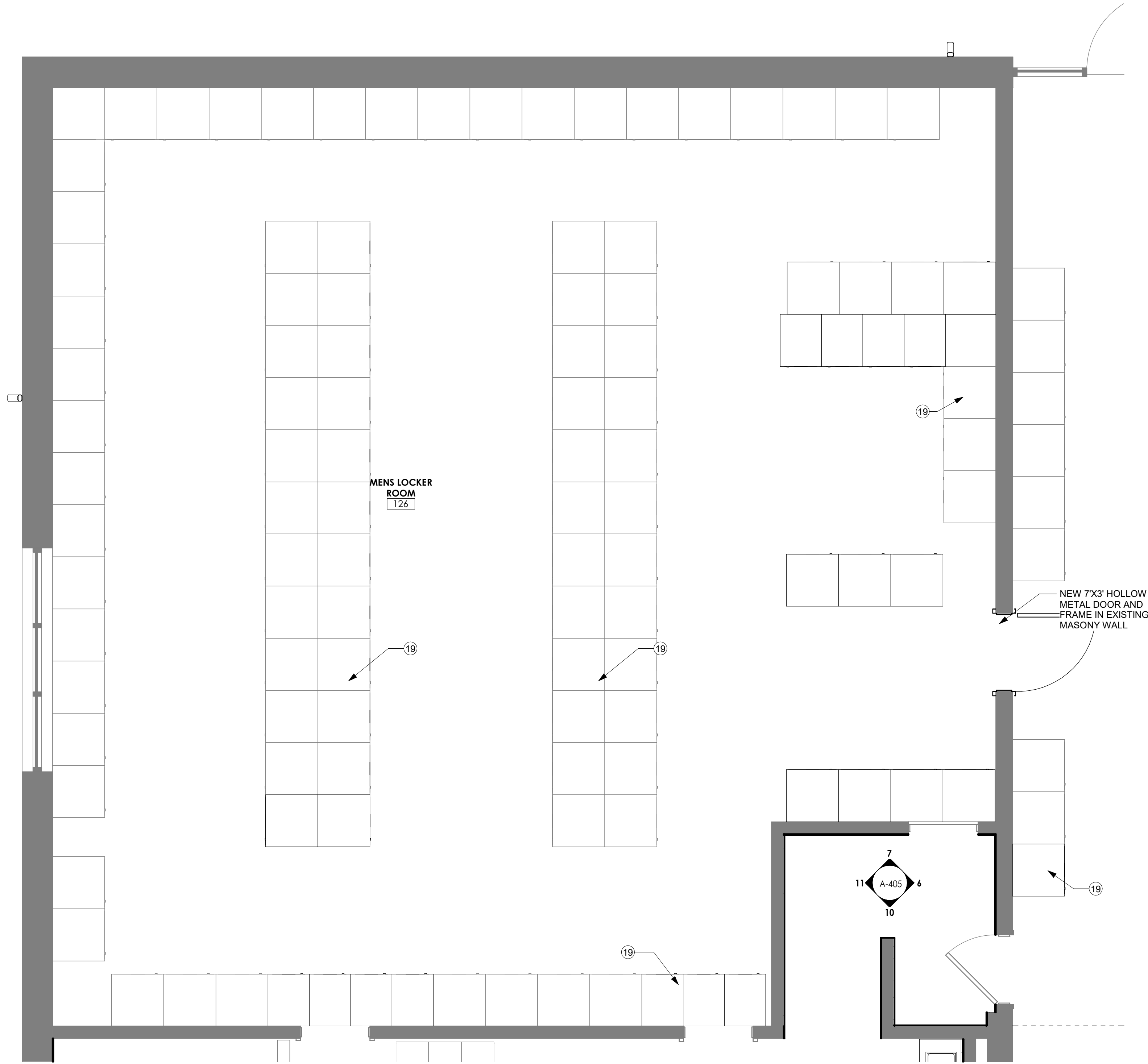
ENLARGED PLANS

SHEET NUMBER:

A-401

12 OF 30 SHEETS
7/30/2025 2:09:46 PM

7/30/2025 2:09:47 PM

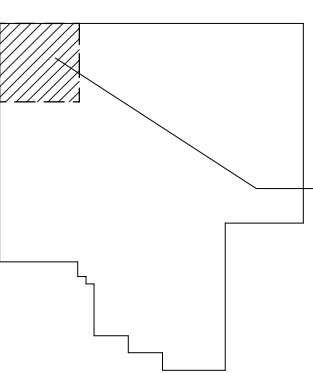


ENLARGED FLOOR PLAN LOCKERROOM

REFERENCED FROM 1 / ADP-201 3/8" = 1'-0"

1

KEY PLAN



AREA OF WORK,
LOCKERROOM



FLOOR PLAN NOTES

- FLOOR MOUNTED ADA TOILET
- WALL MOUNTED SINK
- URNIAL REMOVE AND REINSTALL URINAL, TYP
- REMOVE AND REINSTALL URINAL AT ADA HEIGHT
- PLASTIC TOILET PARTITION FLOOR MOUNTED
- RESINOUS FLOORING AND BASE
- SHOWER FIXTURE
- CURVED SHOWER ROD AND CURTAIN
- ADA FOLDING SHOWER BENCH 33" x 16"
- ADA FOLDING SHOWER BENCH 18" x 16"
- GANG SHOWER
- ADA SINK
- EXISTING FOLDING PAPER TOWEL DISPENSERS TO BE REMOVED AND REINSTALLED AT NEW LOCATION
- EXISTING SANITARY NAPKIN DISPENSER TO BE REMOVED AND REINSTALLED AT NEW LOCATION
- NEW 16" X 16" ACCESS PANEL IN EXISTING MASONRY WALL
- REMOVE AND REPLACE EXISTING SEALNT AND BACKERROD AT STOREFRONT UNIT
- REMOVE AND REPLACE EXISTING SEALNT AND BACKERROD AT WINDOW
- EXISTING 24" X 24" LOCKERS TO BE RELOCATED
- EXISTING 18" X 24" LOCKERS TO BE MOVED TO NEW WOMENS LOCKER ROOM
- NEW CONCRETE FLOOR SLAB
- NEW ADA GRAB BARS, 42", 36" AND VERTICAL 18"
- PARTITION MOUNTED DUAL TOILET TISSUE DISPENSER
- SURFACE MOUNTED TOILET TISSUE DISPENSER
- PARTITION MOUNTED DUAL SANITARY NAPKIN DISPOSAL
- SURFACE MOUNTED SANITARY NAPKIN DISPOSAL
- NEW CONCRETE FLOOR SLAB SLOPE TO TRENCH DRAINS AT MAX 2%
- NEW MASONRY WALL IN SAME LOCATION AS EXISTING WALL
- OMMIT FIRST MASONRY UNIT SO WALL SPANS OVER TRENCH DRAIN
- OUTSIDE EDGE OF TRENCH DRAIN TO BE WITHIN 6" OF BACK WALL

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025

CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

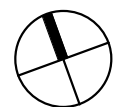
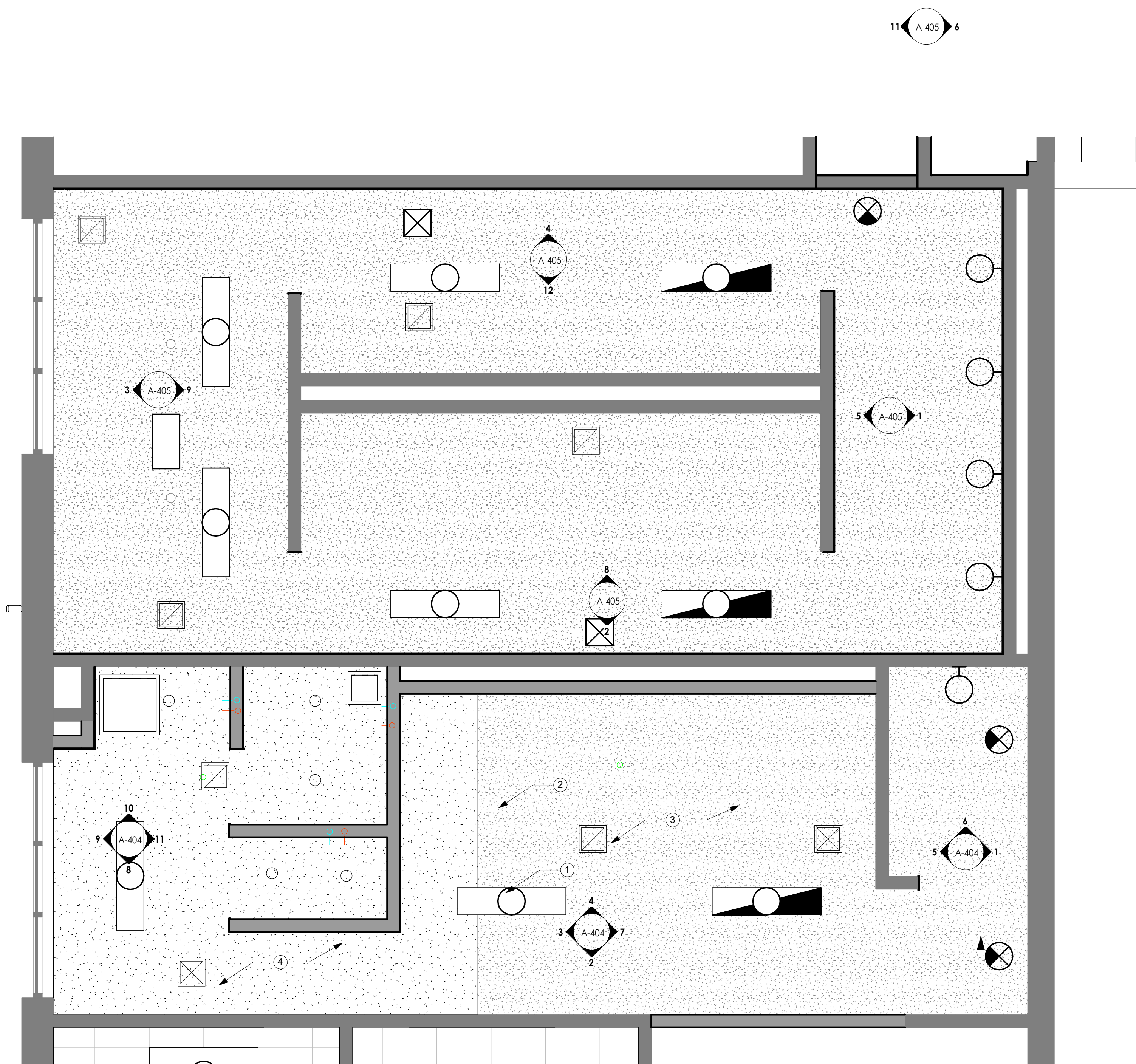
ENLARGED PLANS

SHEET NUMBER:

A-402

13 OF 30 SHEETS
7/30/2025 2:09:47 PM

7/30/2025 2:09:47 PM



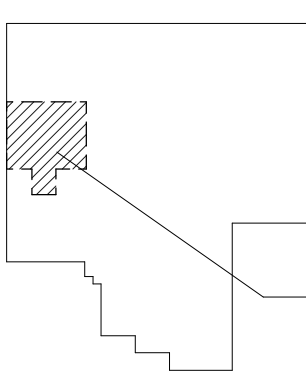
ENLARGED REFLECTED CEILING PLAN
REFERENCED FROM 1 / ADP-201 3/8" = 1'-0"

1

CEILING PLAN NOTES

- 1 LIGHTS, RE MEP
- 2 SUPPLY/DIFFUSER /RETURN GRILL, RE MEP
- 3 PATCH AND REPAIR EXISTING CEILING, PAINT
- 4 REMOVE AND REPLACE EXISTING CEILING, PAINT

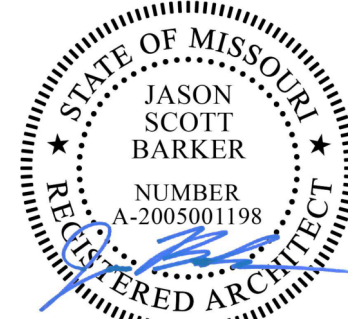
KEY PLAN



AREA OF WORK,
RESTROOM



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

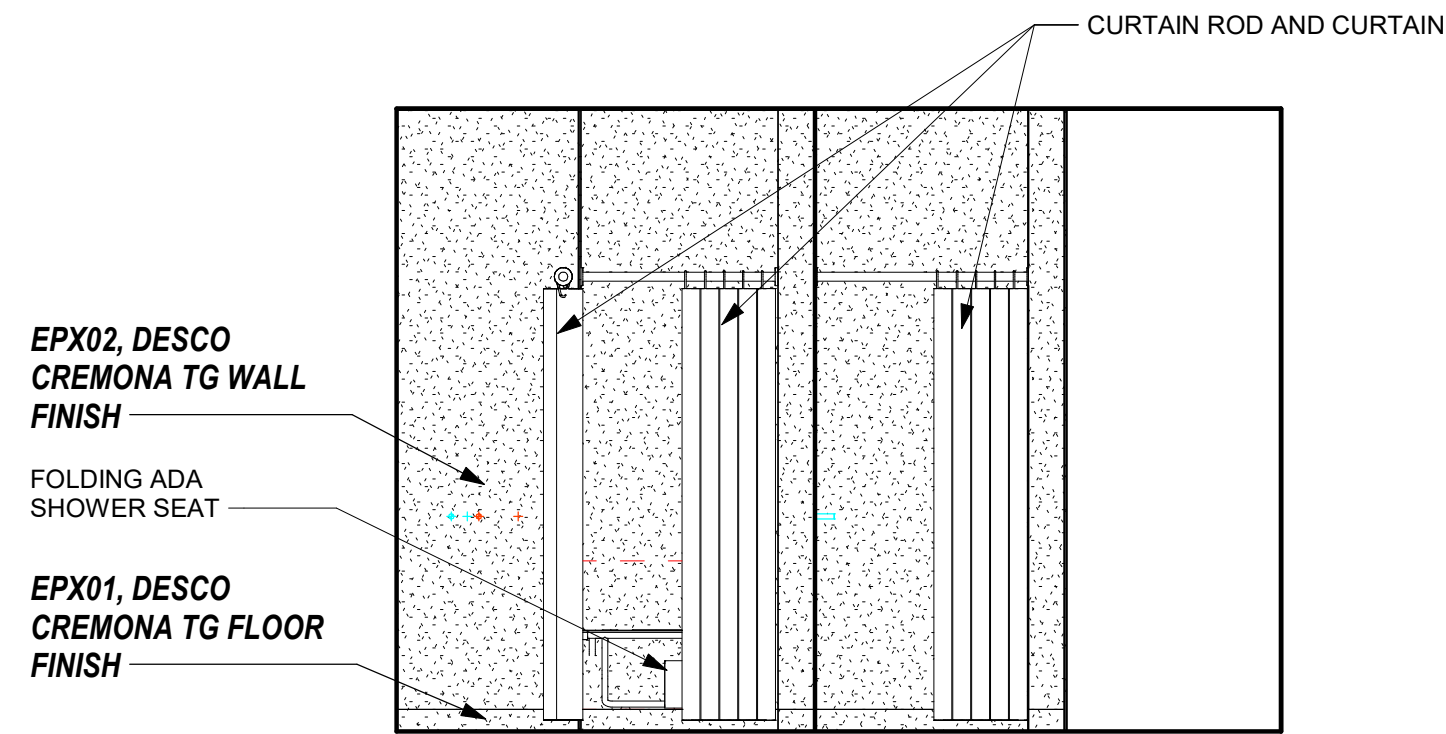
ENLARGED
REFLECTED
CEILING PLAN

SHEET NUMBER:

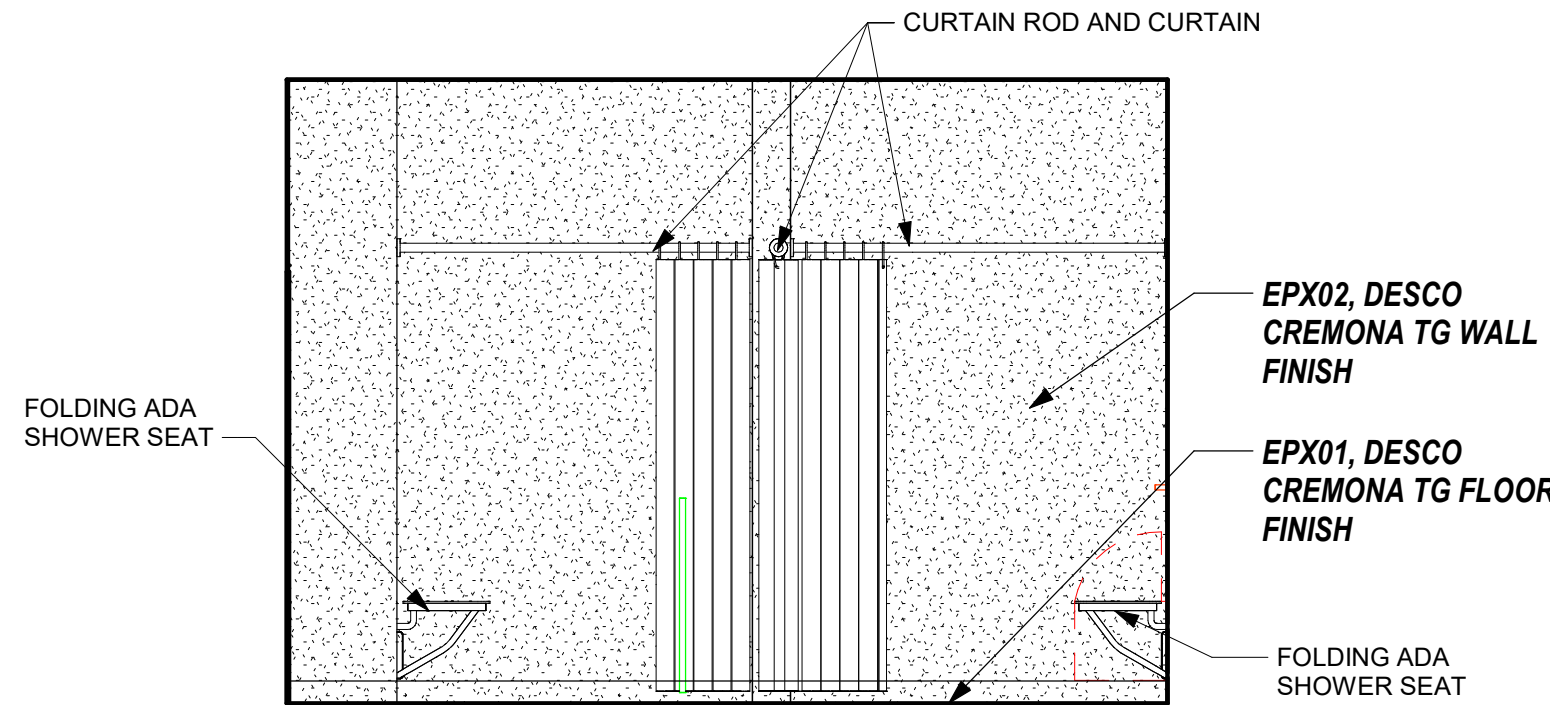
A-403

OF 30 SHEETS
7/30/2025 2:09:47 PM

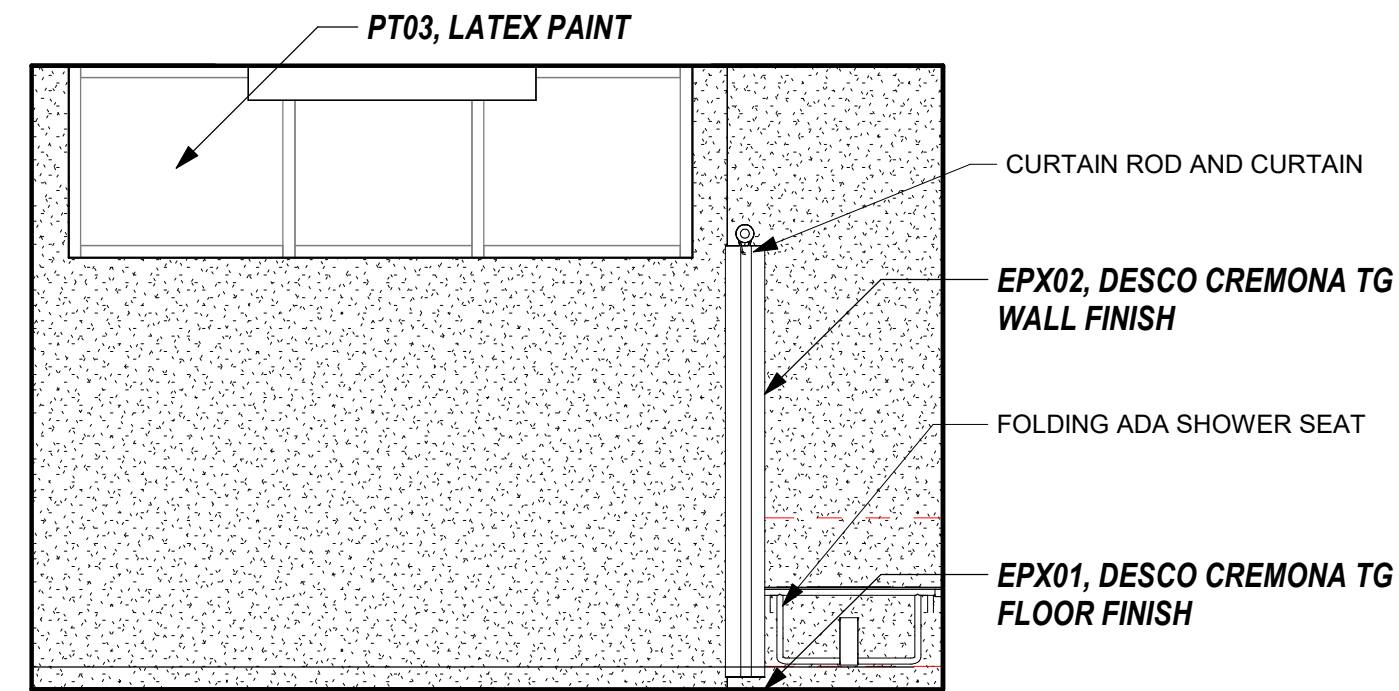
7/30/2025 2:09:50 PM



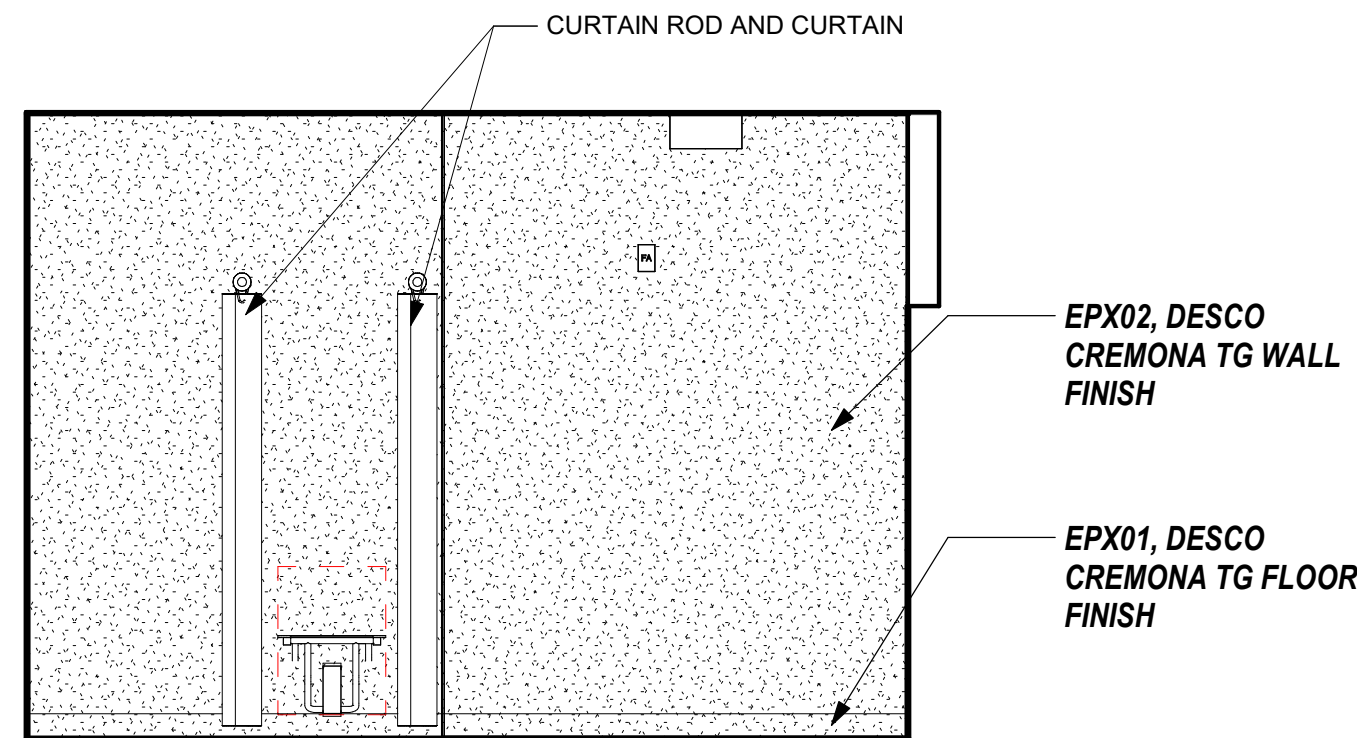
ELEVATION - WOMANS SHOWER EAST
REFERENCED FROM 1 / A-401 3/8" = 1'-0" 11



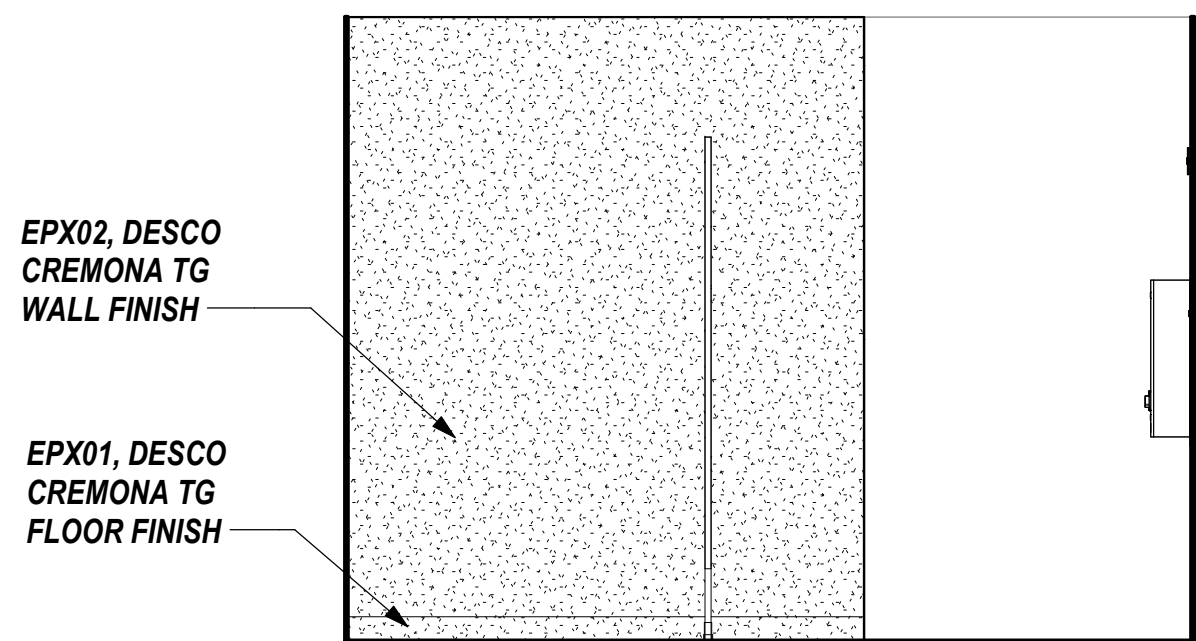
ELEVATION - WOMENS SHOWER NORTH
REFERENCED FROM 1 / A-401 3/8" = 1'-0" 10



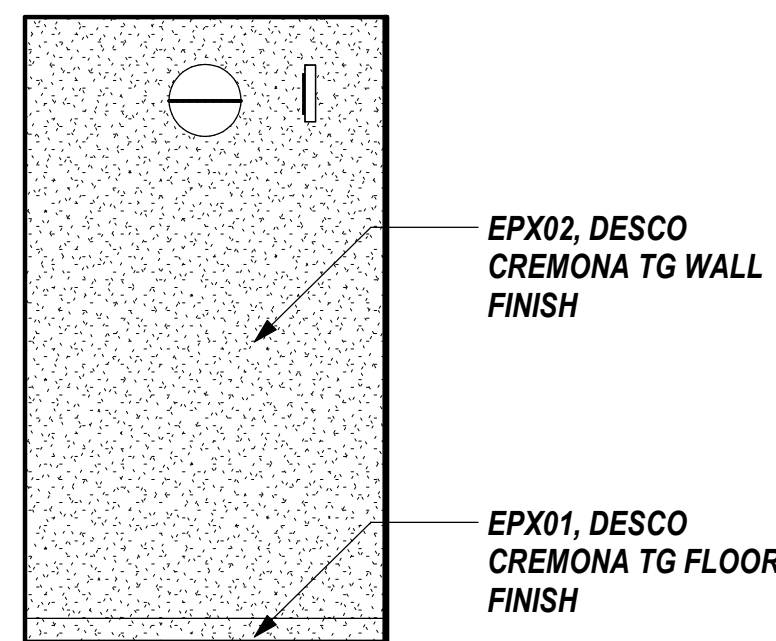
ELEVATION - WOMENS SHOWER WEST
REFERENCED FROM 1 / A-401 3/8" = 1'-0" 9



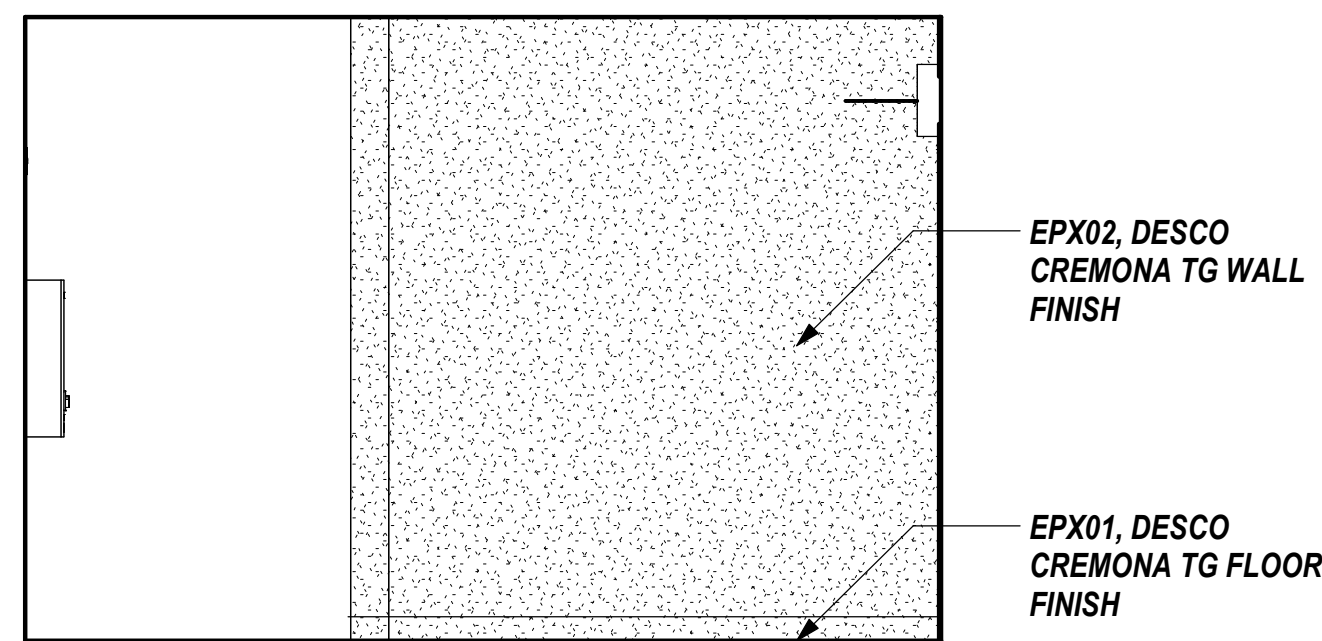
ELEVATION - WOMANS SHOWER SOUTH
REFERENCED FROM 1 / A-401 3/8" = 1'-0" 8



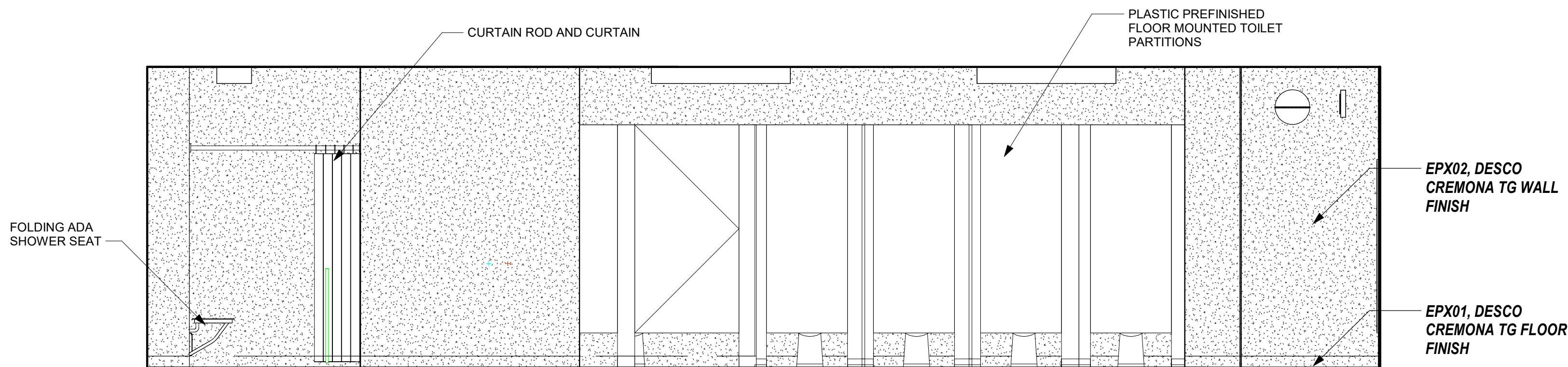
ELEVATION - WOMEN RESTROOM EAST 2
REFERENCED FROM 1 / A-401 3/8" = 1'-0" 7



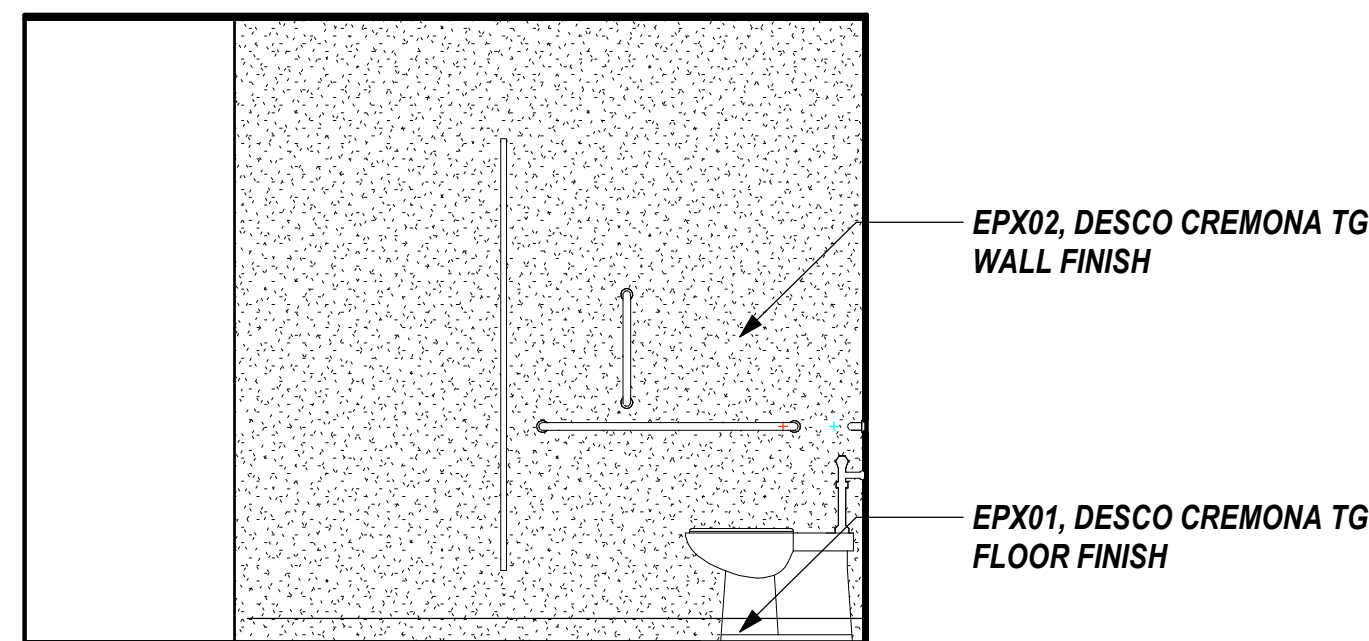
ELEVATION - WOMEN RESTROOM NORTH ENTRY
REFERENCED FROM 1 / A-401 3/8" = 1'-0" 6



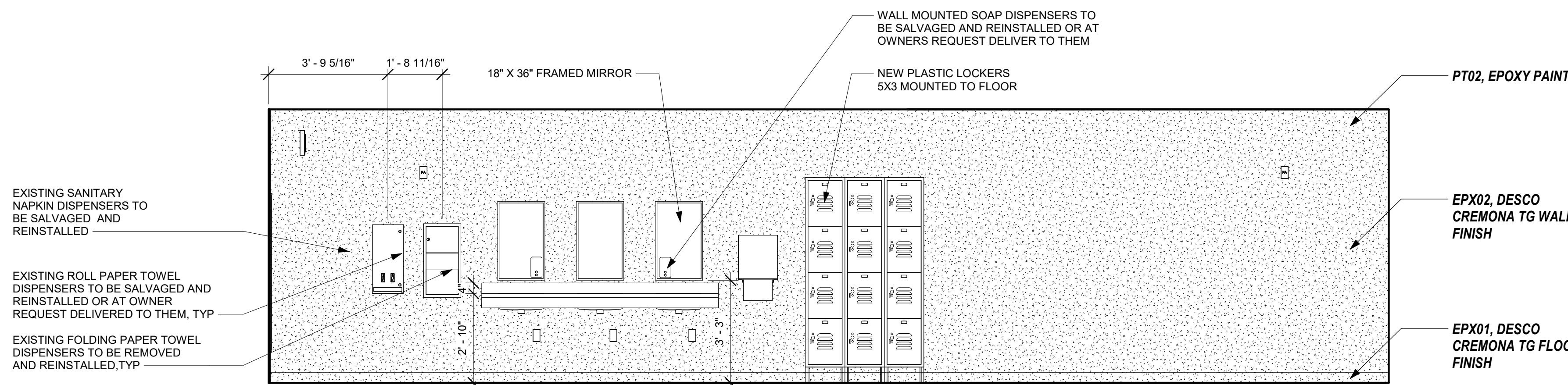
ELEVATION - WOMEN RESTROOM WEST ENTRY
REFERENCED FROM 1 / A-401 3/8" = 1'-0" 5



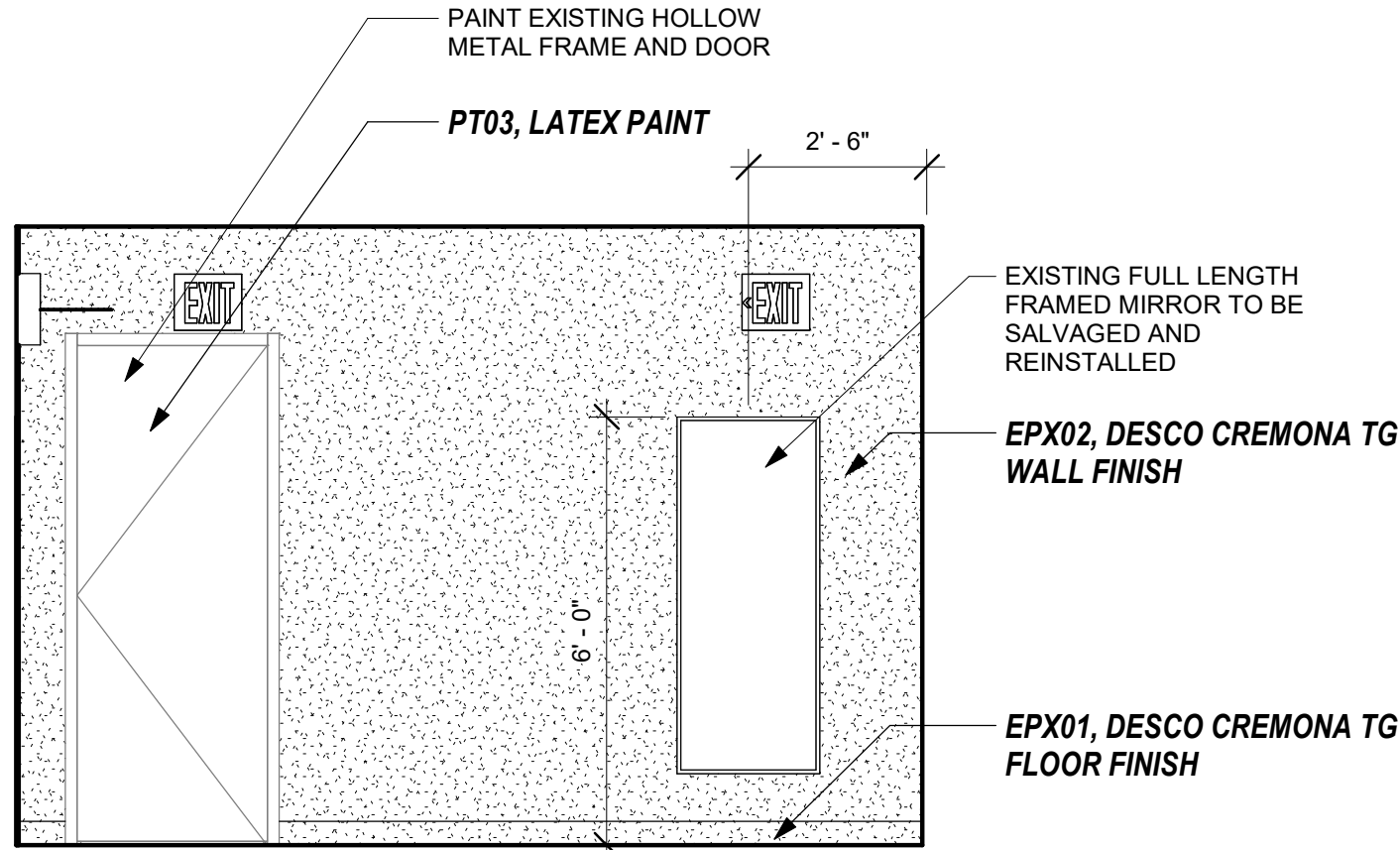
ELEVATION - WOMEN RESTROOM NORTH
REFERENCED FROM 1 / A-401 3/8" = 1'-0" 4



ELEVATION - WOMEN RESTROOM WEST
REFERENCED FROM 1 / A-401 3/8" = 1'-0" 3



ELEVATION - WOMEN RESTROOM SOUTH
REFERENCED FROM 1 / A-401 3/8" = 1'-0" 2



ELEVATION - WOMEN RESTROOM EAST
REFERENCED FROM 1 / A-401 3/8" = 1'-0" 1

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY

Clisson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

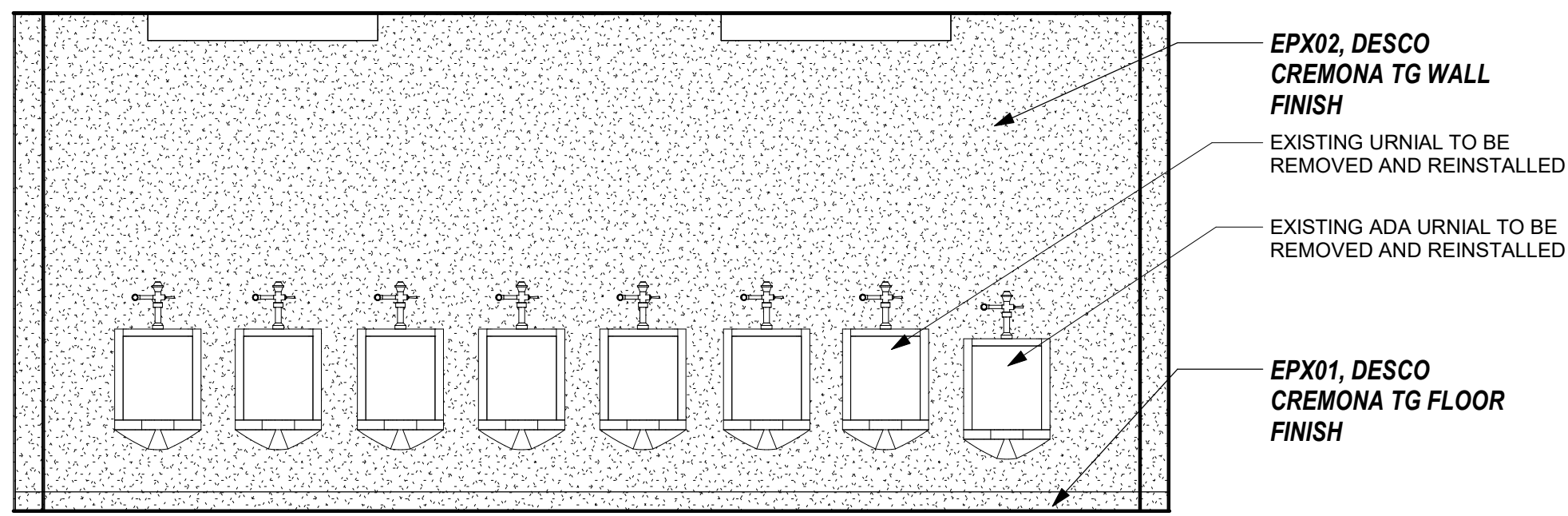
SHEET TITLE:
INTERIOR
ELEVATIONS
WOMANS
RESTROOM

SHEET NUMBER:

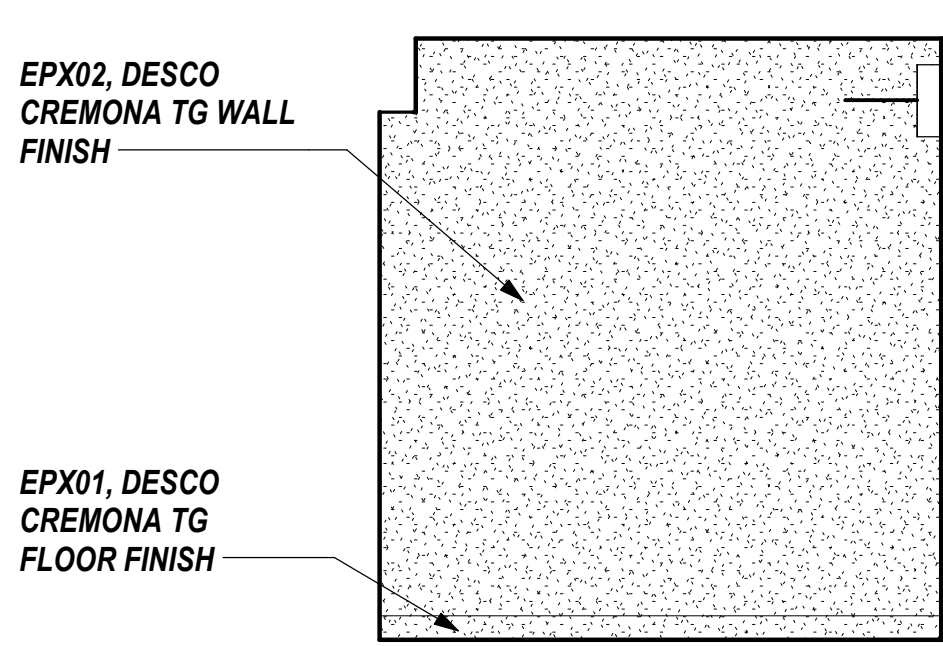
A-404

OF 88 SHEETS
7/30/2025 2:09:50 PM

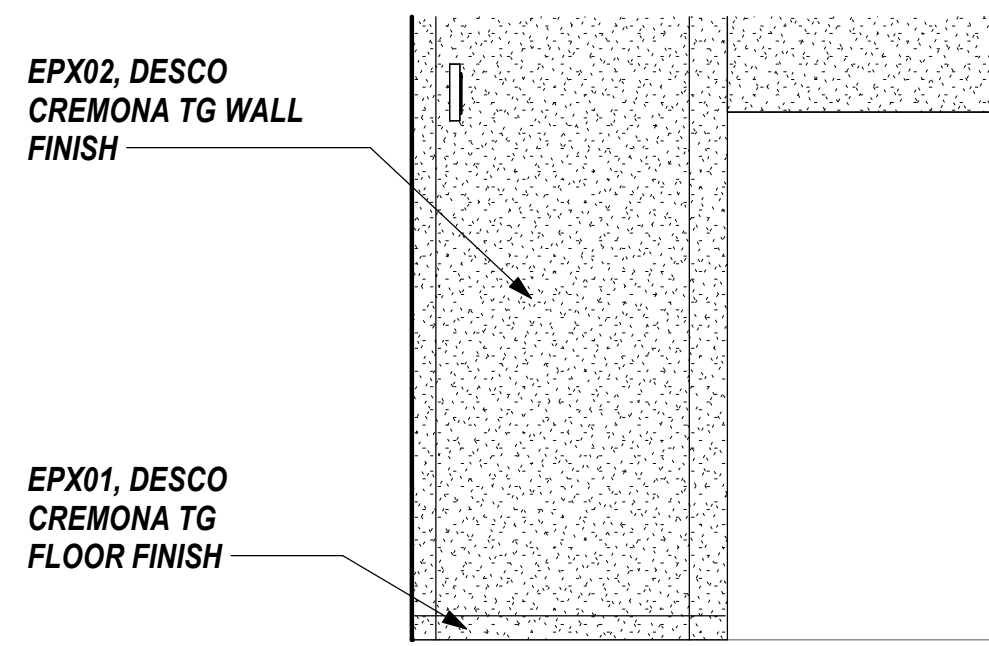
7/30/2025 2:09:52 PM



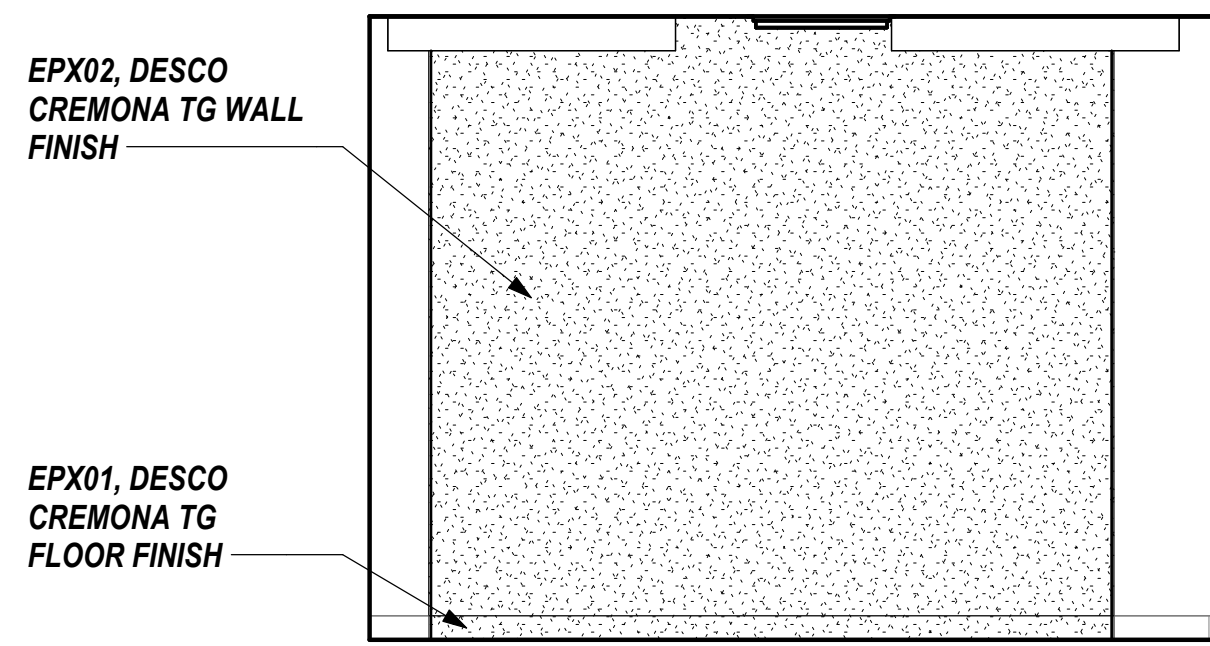
ELEVATION - MENS RESTROOM SOUTH 2
REFERENCED FROM 1 / A-401 3/8" = 1'-0" 12



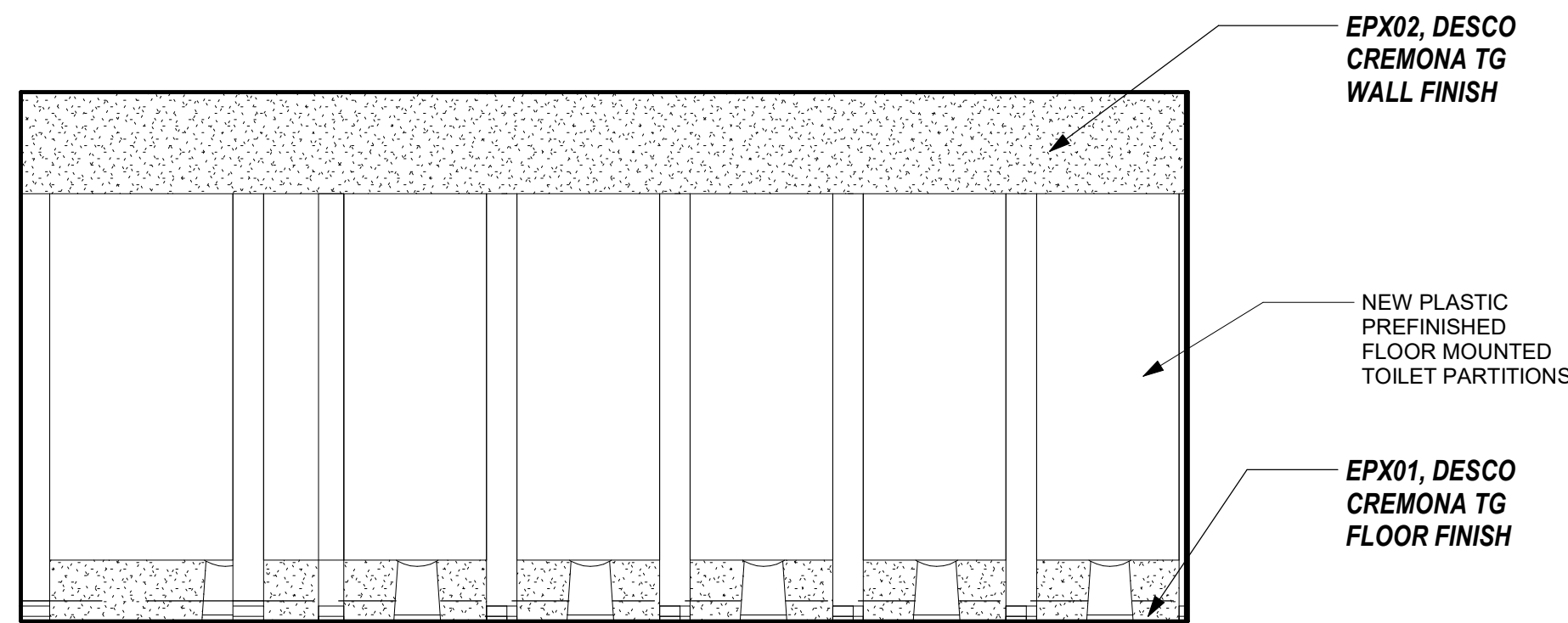
ELEVATION - MENS RESTROOM ENTRY WEST 11
REFERENCED FROM 1 / A-401 3/8" = 1'-0"



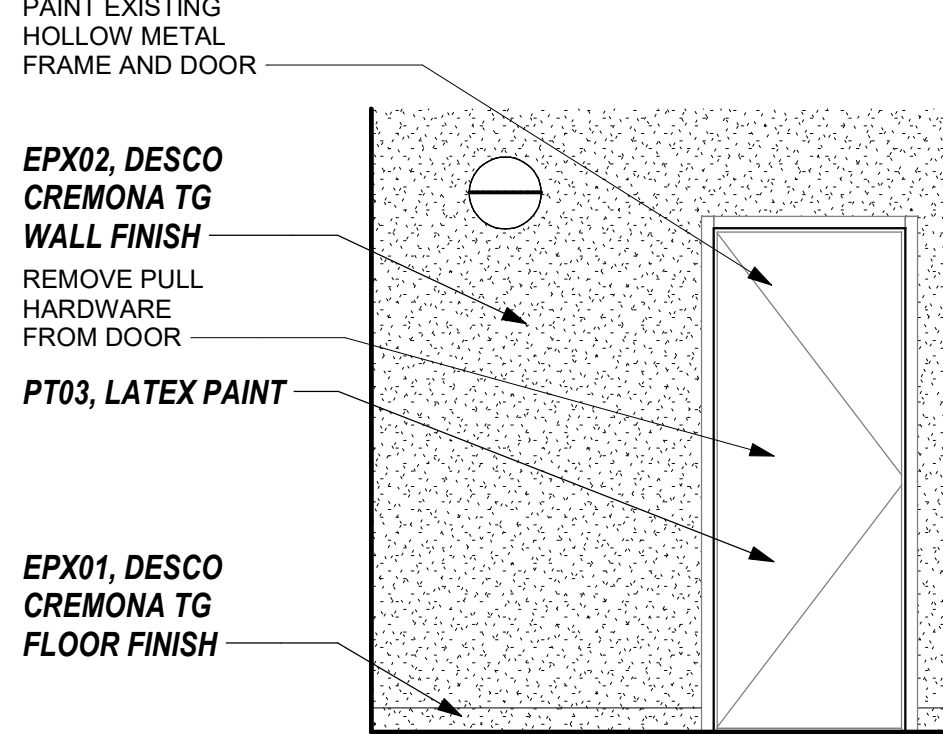
ELEVATION - MENS RESTROOM ENTRY SOUTH 10
REFERENCED FROM 1 / A-401 3/8" = 1'-0"



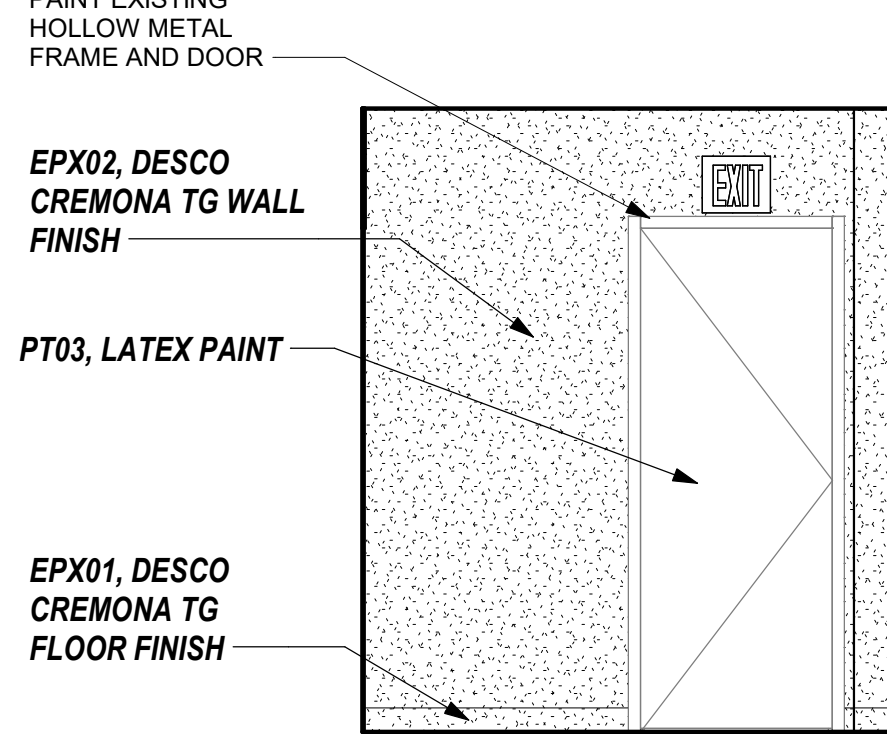
ELEVATION - MENS RESTROOM EAST 2 9
REFERENCED FROM 1 / A-401 3/8" = 1'-0"



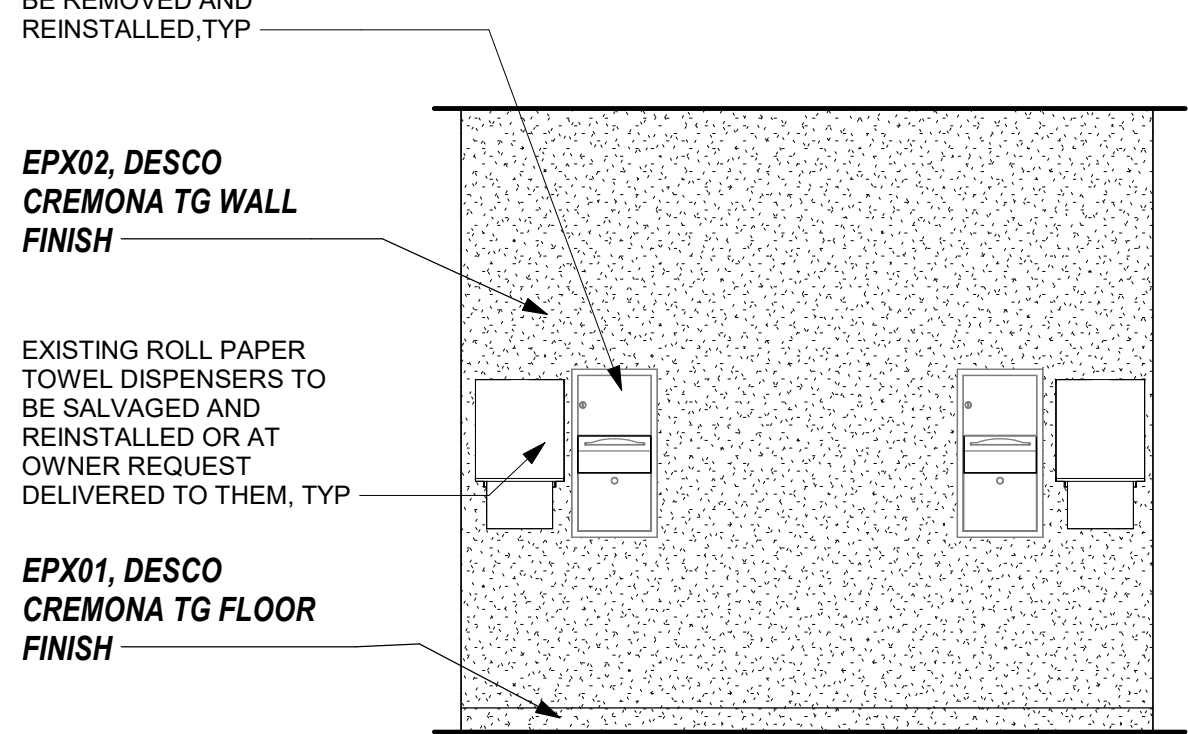
ELEVATION - MENS RESTROOM NORTH 2 8
REFERENCED FROM 1 / A-401 3/8" = 1'-0"



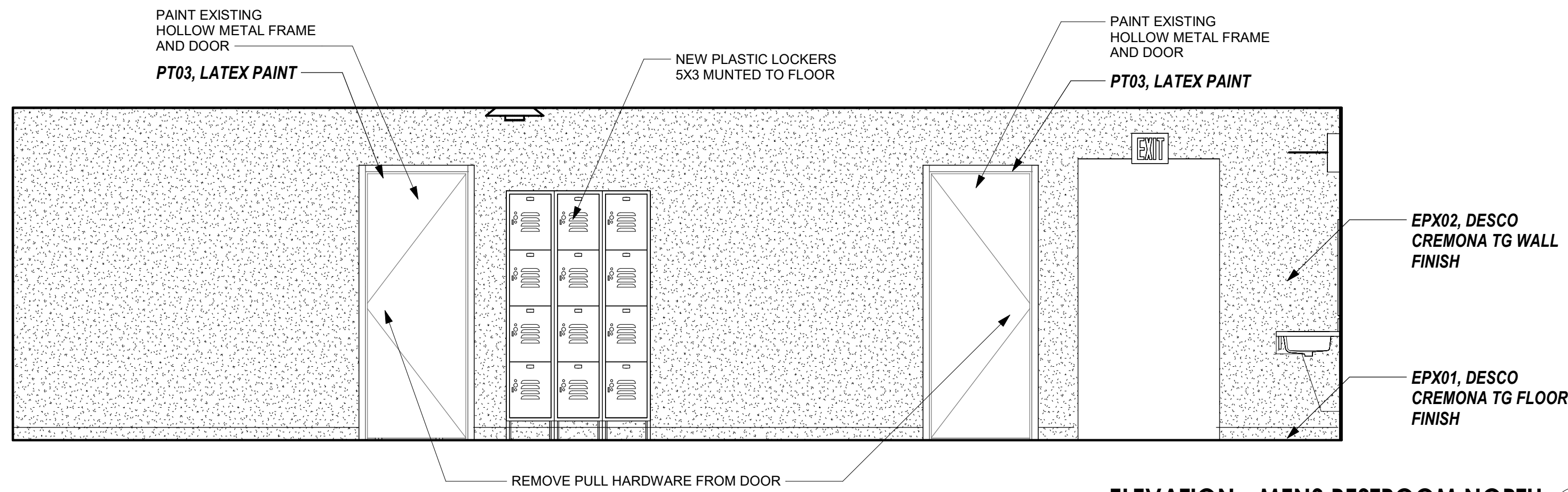
ELEVATION - MENS RESTROOM ENTRY NORTH 7
REFERENCED FROM 1 / A-401 3/8" = 1'-0"



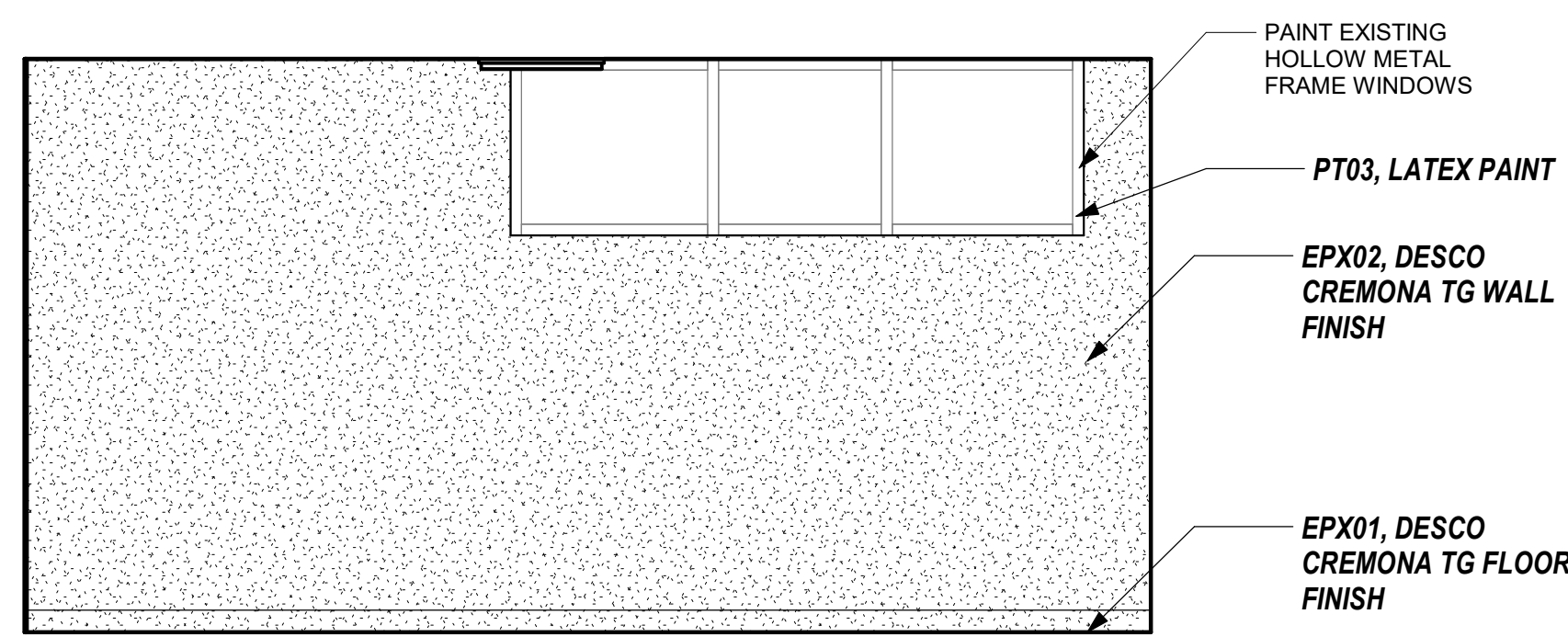
ELEVATION - MENS RESTROOM ENTRY EAST 6
REFERENCED FROM 1 / A-401 3/8" = 1'-0"



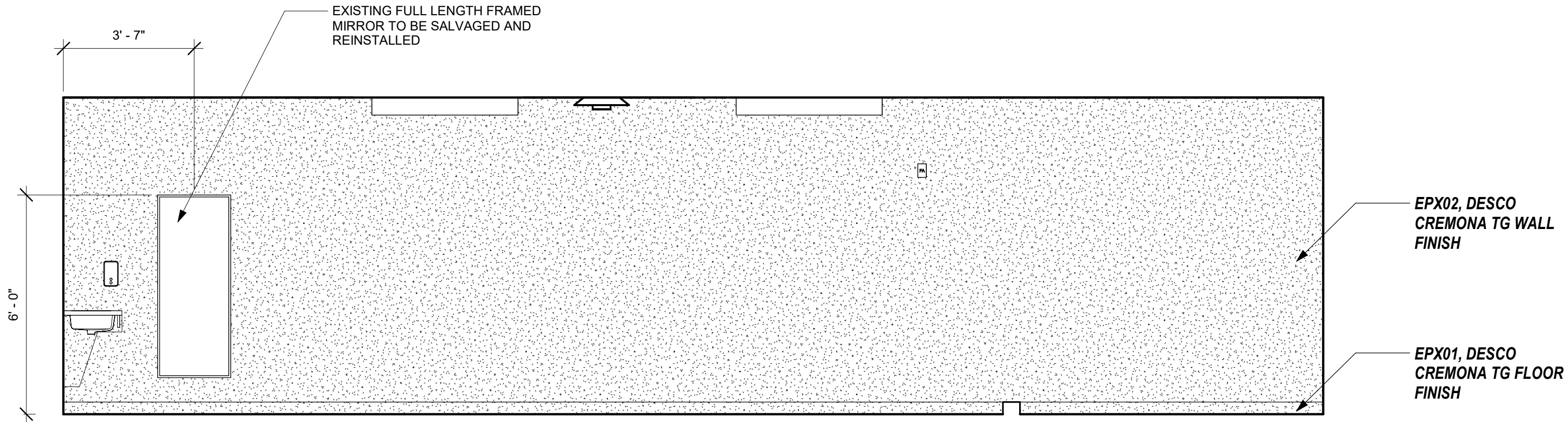
ELEVATION - MENS RESTROOM WEST 2 5
REFERENCED FROM 1 / A-401 3/8" = 1'-0"



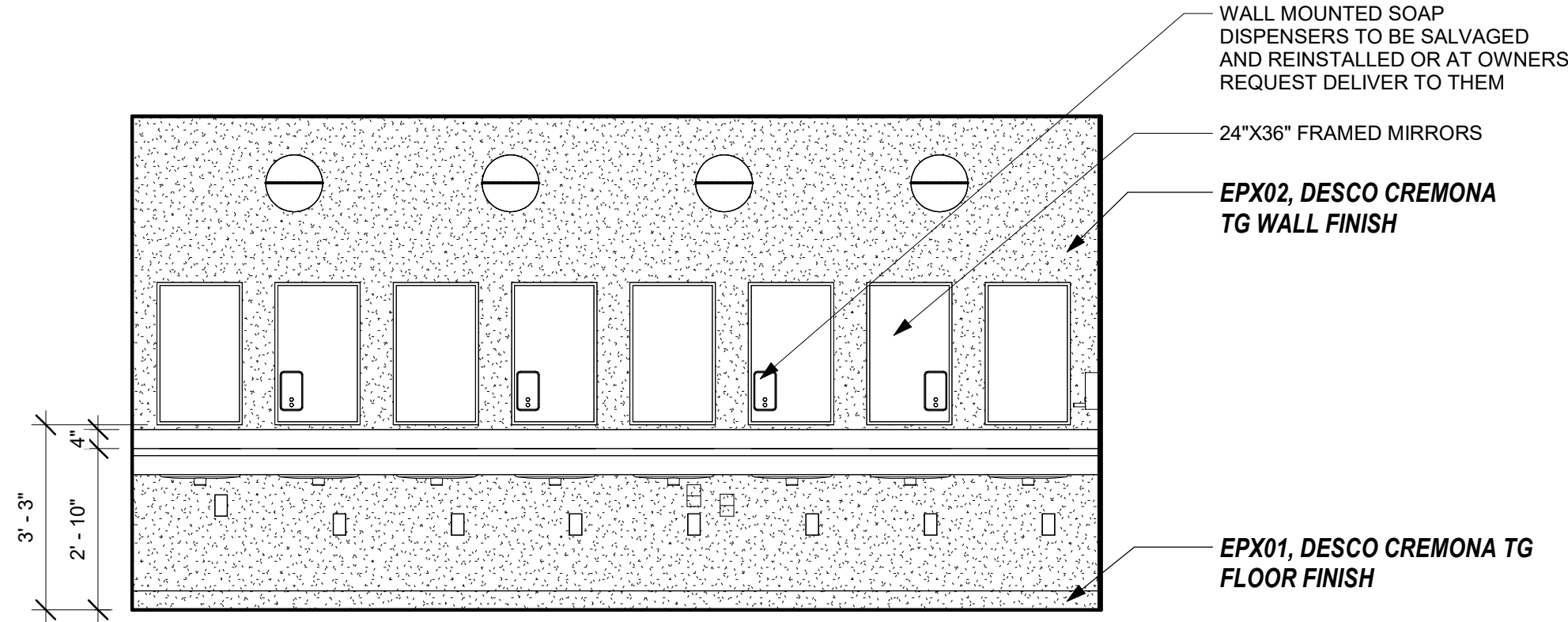
ELEVATION - MENS RESTROOM NORTH 4
REFERENCED FROM 1 / A-401 3/8" = 1'-0"



ELEVATION - MENS RESTROOM WEST 3
REFERENCED FROM 1 / A-401 3/8" = 1'-0"



ELEVATION - MENS RESTROOM SOUTH 2
REFERENCED FROM 1 / A-401 3/8" = 1'-0"

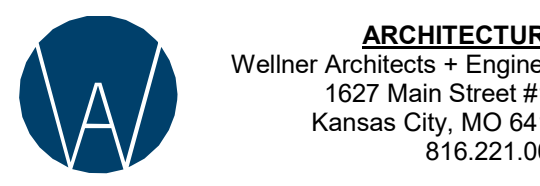


ELEVATION - MENS RESTROOM EAST 1
REFERENCED FROM 1 / A-401 3/8" = 1'-0"



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY

Clisson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READINESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025
CAD DWG FILE:


DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:
INTERIOR
ELEVATION MENS
RESTROOM

SHEET NUMBER:
A-405
16 OF 30 SHEETS
7/30/2025 2:09:52 PM


7/30/2025 2:09:53 PM

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



July 9, 2025
Jason Scott Barker - MO #A2005001198
Certificate of Authority - MO #000767

PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025

CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

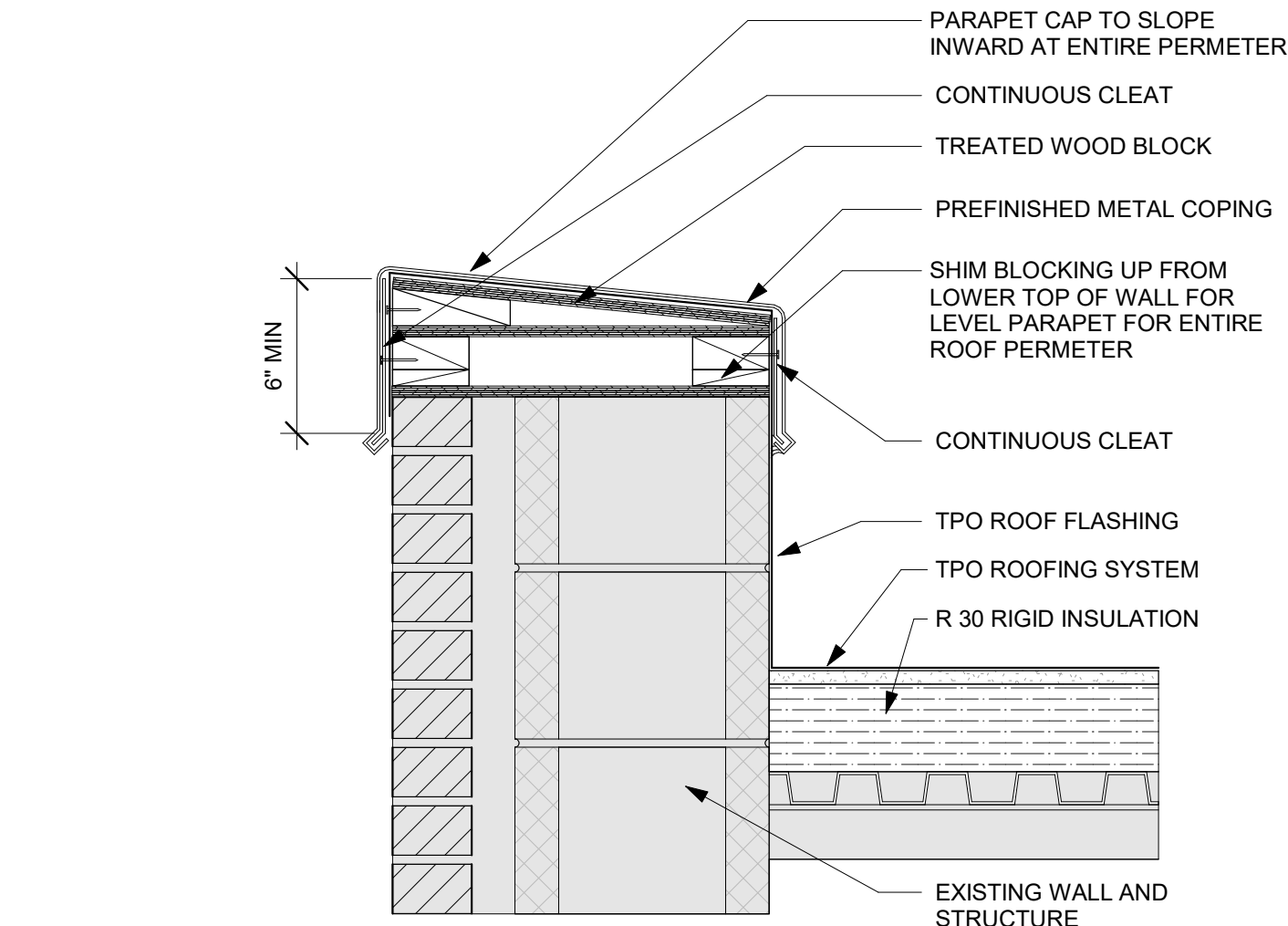
SHEET TITLE:

DETAILS

SHEET NUMBER:

A-501

17 OF 30 SHEETS
7/30/2025 2:09:53 PM

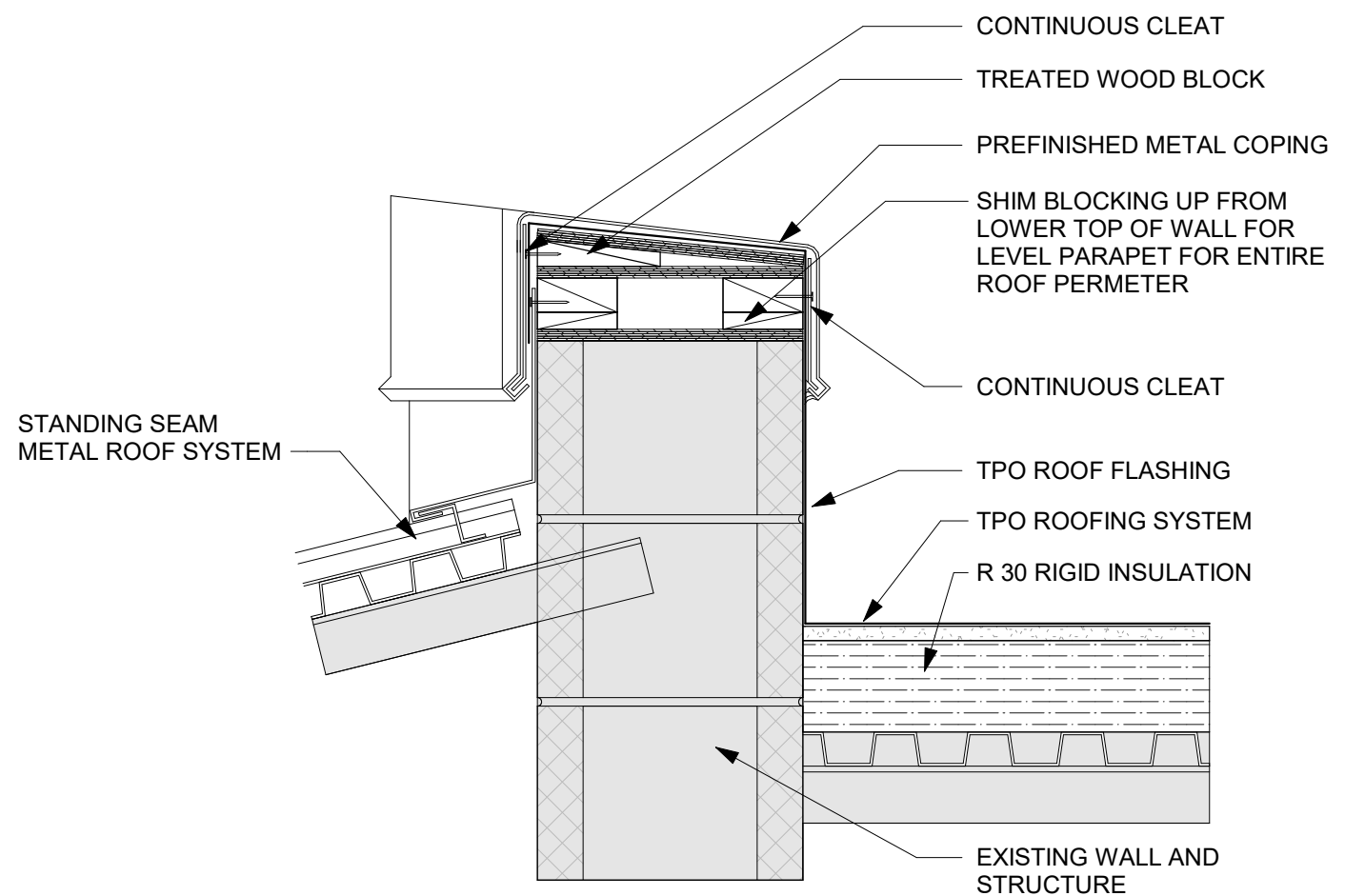


TYPICAL WALL CAP - MASONRY VENEER WALL

REFERENCED FROM /

1 1/2" = 1'-0"

2



TYPICAL WALL CAP

1 1/2" = 1'-0"

1

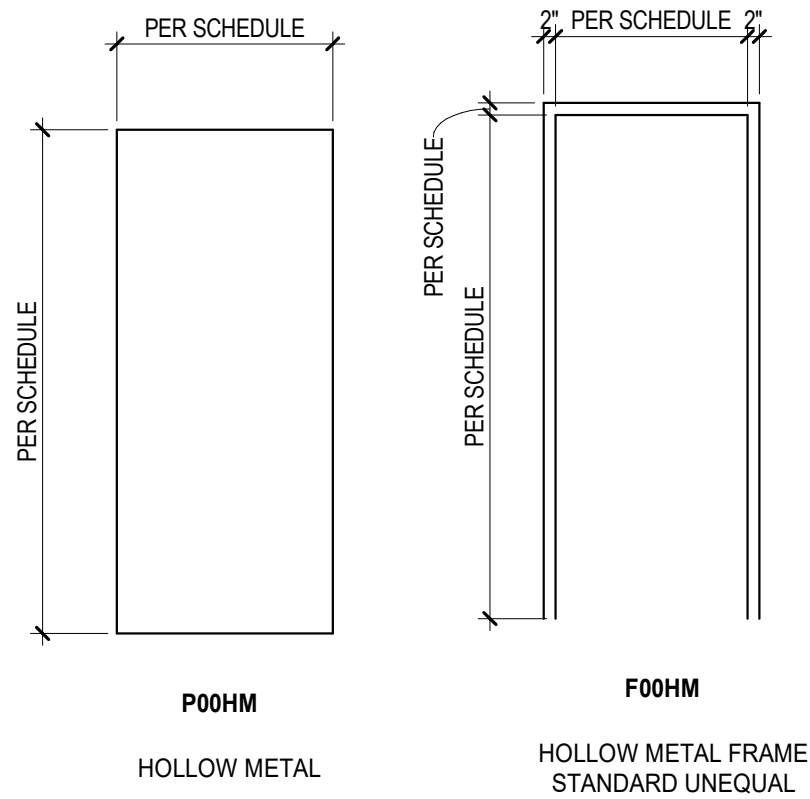
ROOM FINISH SCHEDULE									
Number	ROOM NAME	Floor Finish	Base Finish	Wall Finishes			Ceiling Finish	Notes	
				North	East	South	West		
110	MENS SHOWER ROOM	EPXY-1	EPXY-1	EPXY-2/PNT-1	EPXY-2/PNT-1	EPXY-2/PNT-1	EPXY-2/PNT-1	PNT-1	
113	MECH	ETR	ETR						
115	STORAGE	ETR	ETR						
114	STORAGE	ETR	ETR						
117	VAULT	ETR	ETR						
119	STORAGE	ETR	ETR						
120	KITCHEN	ETR	ETR						
121	SCHLLERY	ETR	ETR						
104	ASSEMBLY HALL	ETR	ETR						14
122	CLASSROOM	ETR	ETR						1
123	OFFICE	ETR	ETR						6 of 25
125	OFFICE	ETR	ETR						8 of 25
100	FOYER	ETR	ETR						
105	LIBRARY	ETR	ETR						4 of 25
106	MECH	ETR	ETR						
103	OFFICE	ETR	ETR						2 of 25
102	ADMINISTRATION	ETR	ETR						1 of 25
109	MEN RESTROOM	EPXY-1	EPXY-1	EPXY-2/PNT-1	EPXY-2/PNT-1	EPXY-2/PNT-1	EPXY-2/PNT-1	PNT-1	
107	WOMANS RESTROOM	EPXY-1	EPXY-1	EPXY-2/PNT-1	EPXY-2/PNT-1	EPXY-2/PNT-1	EPXY-2/PNT-1	PNT-1	
108	WOMANS SHOWER ROOM	EPXY-1	EPXY-1	EPXY-2/PNT-1	EPXY-2/PNT-1	EPXY-2/PNT-1	EPXY-2/PNT-1	PNT-1	
118	OFFICE	ETR	ETR						5 of 25
124	OFFICE	ETR	ETR						7 of 25
112	CORRIDOR	ETR	ETR						
111	CORRIDOR	ETR	ETR						
116	STORAGE	ETR	ETR						
104	OFFICE	ETR	ETR						3 of 25
126	MENS LOCKER ROOM	ETR	ETR						
127	WOMENS LOCKER ROOM	ETR	ETR						

Finish Legend					
Symbol	Manufacturer	Series/Pattern	Number	Color	Remarks
Epoxy					
EPXY-1	Desco	Cremao		60:20:20 White:Navy:Black	RR Floors
EPXY-2	Desco	Cremao		80:10:10 White:Navy:Blackk	RR Walls
Paint					
PNT-1	Sherwin Williams	Epoxy Paint	SW 7063	Nebulous White	Above Epoxy
PNT-2	Sherwin Williams		SW 7063	Nebulous White	Non Wet Areas
Quartz					
QTZ-1	Cambria			Weybourne	RR Sink Coutner
Rubber Base					
RB-1					Match Existing

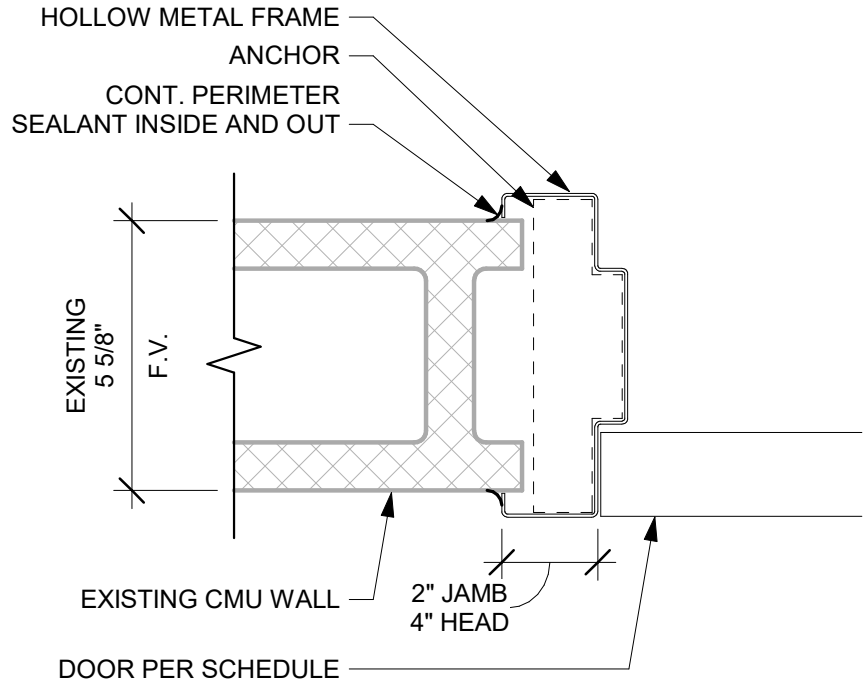
DOOR SCHEDULE									
MARK	PANEL SIZE	PANEL TYPE	PANEL FINISH	FRAME TYPE	FRAME SIZE	FRAME TYPE	FRAME FINISH	HARDWARE SET	NOTES
126A	3'-0" X 7'-0"	P00HM	PAINT	F00M	8 3/4" W/ 4" HEAD	HM GALV	PAINT	1	

HARDWARE SET 1 -					
QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR	
3 EA	HINGE	5BB1HW	652	IVE	
1 EA	PUSH PLATE	8200 4x16	US32D	SCH	
1 EA	PULL PLATE	8302 4x16F	US32D	SCH	
1 EA	SURFACE CLOSER	4040XP HCUSH	689	LCN	
1 EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE	

GENERAL NOTES:
1. ALL DIMENSIONS LISTED IN DOOR SCHEDULE ARE EXISTING AND ARE TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS.



DOOR & FRAME LEGEND

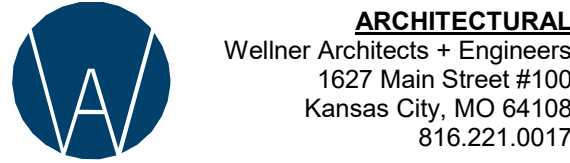


HOLLOW METAL FRAME @ EXISTING CMU

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



PROFESSIONAL SEAL



MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY
Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
MISSOURI NATIONAL
GUARD

HARRISONVILLE
READNESS CENTER
REPAIRS TO INTERIOR &
EXTERIOR

HARRISONVILLE,
MISSOURI

PROJECT # T2334-01
SITE # 6271
FACILITY #8136271003

No.	Date	Description

ISSUE DATE: 07.09.2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:











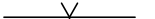
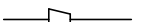


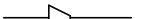
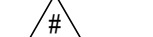



















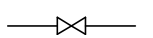
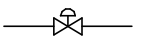


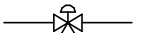
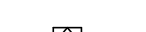

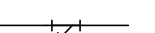
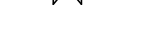
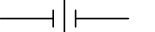


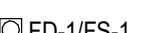


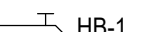
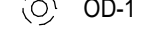
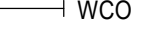


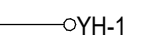
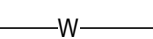

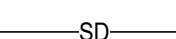
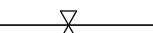







SCHEDULES

SHEET NUMBER:

A-600

7/8/2025 10:36:07 AM

MECHANICAL SYMBOL LEGEND					
GENERAL					
	EXISTING		DEMOLITION		NEW
	NEW TO EXISTING		SHEET NOTE		REVISION DELTA
	PIPE OR DUCT UP		PIPE OR DUCT DOWN		PIPE OR DUCT CAP
	PIPE ANCHOR		PIPE GUIDE		PIPE ROLLER SUPPORT
	FLOW DIRECTION ARROW		PIPE EXPANSION JOINT		FLEXIBLE CONNECTOR
	CONCENTRIC REDUCER		ECCENTRIC REDUCER		CONCRETE
	GRAVEL				
VALVES					
	T & P RELIEF VALVE		ISOLATION VALVE		ISOLATION VALVE IN VERTICAL POSITION
	CHECK VALVE		BALANCING VALVE		AUTOMATIC 2-WAY VALVE
	AUTOMATIC 3-WAY VALVE		STRAINER		UNION
	PRESSURE REDUCING & REGULATING VALVE		PRESSURE REGULATING VALVE		DIAPHRAGM VALVE
	ANGLE VALVE				
HVAC					
	CEILING DIFFUSER		LINEAR DIFFUSER		SUPPLY AIR/OUTSIDE AIR UP AND DOWN
	RETURN AIR GRILLE		RETURN AIR GRILLE		EXHAUST AIR UP AND DOWN
	THERMOSTAT		HUMIDISTAT		CARBON DIOXIDE SENSOR
	RECTANGULAR DUCT (WxH)		ROUND DUCT (DIA)		OVAL DUCT (W/H)
	FLEXIBLE DUCT		TURNING VANES		HARDWARE CLOTH GRILLE
	VOLUME EXTRACTOR		SUPPLY AIR/OUTSIDE AIR UP AND DOWN		RETURN AIR UP AND DOWN
	EXHAUST AIR UP AND DOWN		MANUAL VOLUME DAMPER		MOTORIZED DAMPER
	BACKDRAFT DAMPER		FIRE DAMPER		SMOKE DAMPER
	COMBINATION FIRE AND SMOKE DAMPER				
FIRE					
	FIRE PROTECTION PIPING		FIRE DEPARTMENT CONNECTION		DUCT SMOKE DETECTOR AND RELAY
	TAMPER SWITCH		FLOW SWITCH		SPRINKLER HEAD, PENDANT
	SPRINKLER HEAD, SIDE WALL		ALARM VALVE, WET		ALARM VALVE, DRY
	ALARM VALVE, DRY		POST INDICATOR VALVE		POST INDICATOR VALVE WITH TAMPER SWITCH
	BUILDING SPRINKLER FIRE MAIN				
STEAM					
	BOILER BLOW DOWN		STEAM CONDENSATE DRAIN ABOVE GRADE		STEAM CONDENSATE DRAIN BELOW GRADE
	HIGH PRESSURE CONDENSATE		HIGH PRESSURE STEAM		LOW PRESSURE CONDENSATE
	LOW PRESSURE STEAM		MEDIUM PRESSURE CONDENSATE		MEDIUM PRESSURE STEAM
HYDRONIC					
	CHILLED WATER RETURN		CHILLED WATER SUPPLY		MAKE-UP WATER
	HEATING WATER RETURN		HEATING WATER SUPPLY		CONDENSER WATER RETURN
	CONDENSER WATER SUPPLY		ENERGY RECOVERY RETURN		ENERGY RECOVERY SUPPLY
	AUTOMATIC AIR VENT		MANUAL AIR VENT		

PLUMBING SYMBOL LEGEND					
GENERAL					
	EXISTING		PIPE OR DUCT UP		FLOW DIRECTION ARROW
	DEMOLITION		PIPE OR DUCT DOWN		PIPE EXPANSION JOINT
	NEW		PIPE OR DUCT CAP		FLEXIBLE CONNECTOR
	NEW TO EXISTING		PIPE ANCHOR		CONCENTRIC REDUCER
	SHEET NOTE		PIPE GUIDE		ECCENTRIC REDUCER
	REVISION DELTA		PIPE ROLLER SUPPORT		
SANITARY & DOMESTIC					
	SANITARY DRAIN BELOW GRADE (PLAN)		TEMPERED WATER		ROOF DRAIN (ABOVE GRADE)
	SANITARY DRAIN ABOVE GRADE (PLAN)		TEMPERED WATER CIRCULATING		ROOF DRAIN (BELOW GRADE)
	COLD WATER (CW)		VENT		OVERFLOW DRAIN (ABOVE GRADE)
	HOT WATER (HW)		VENT BELOW FLOOR		OVERFLOW DRAIN (BELOW GRADE)
	HOT WATER CIRCULATING (HWC)		CONDENSATE DRAIN PIPING		
	140°F DOMESTIC HOT WATER				
VALVES					
	T & P RELIEF VALVE		BALANCING VALVE		PRESSURE REDUCING & REGULATING VALVE
	ISOLATION VALVE		AUTOMATIC 2-WAY VALVE		PRESSURE REGULATING VALVE
	ISOLATION VALVE IN VERTICAL POSITION		AUTOMATIC 3-WAY VALVE		DIAPHRAGM VALVE
	CHECK VALVE		STRAINER		ANGLE VALVE
			UNION		
FIXTURES					
	VENT THRU ROOF		GRADE CLEAN OUT		FLOOR DRAIN OR SINK AND TYPE
	ROOF DRAIN		FLOOR CLEAN OUT		HOSE BIBB
	OVERFLOW DRAIN		WALL CLEAN OUT		WALL HYDRANT
			HORIZ. CLEAN OUT		YARD HYDRANT
SITE					
	WATER SERVICE		WELL		STORM DRAIN
	CURB STOP VALVE		YARD HYDRANT		THRUST BLOCK
	SANITARY SEWER (SITE)		GAS RISER		WATER MAIN
	STORM SEWER (SITE)		GAS METER		

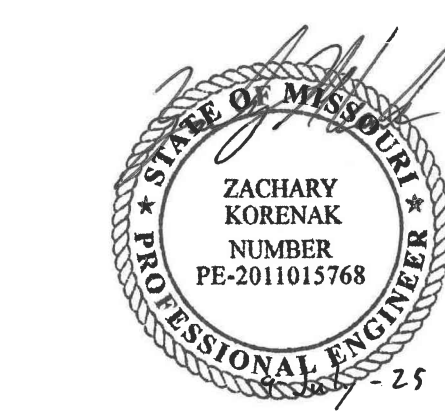
GENERAL DEMO NOTES

- A. REMOVE ALL DEMOLISHED MATERIALS FROM SITE AND DISPOSE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL OF ALL EQUIPMENT THAT IS REMOVED.
- B. PROTECT DURING THE COURSE OF THIS WORK. EXISTING UTILITIES, EXISTING BUILDING, AND/OR MATERIALS WHICH ARE DAMAGED BY NEGLIGENCE SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE, IN A TIMELY MANNER AND TO THE ENGINEER'S AND OWNER'S WRITTEN ACCEPTANCE.
- C. EXISTING INFORMATION SHOWN WAS TAKEN FROM SITE VISITS. CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ALL WORK TO BE DONE BY OBSERVATION OF THE SITE. FIELD VERIFY SIZE, LOCATION, ELEVATION, AND QUANTITY OF ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL, PIPING, AND EQUIPMENT/COMPONENTS THAT MAY IMPACT IMPLEMENTATION OF THIS WORK. FAILURE TO DO SO WILL NOT RELIEVE THE RESPONSIBILITY OF PERFORMING ALL WORK NECESSARY TO PROVIDE A FULLY FUNCTIONAL INSTALLATION.
- D. SCHEDULE AND EXECUTE ALL WORK WITH REGARD TO THE OWNER'S USE OF THE BUILDING. ALL WORK ASSOCIATED WITH EXISTING MECHANICAL SYSTEMS THAT WILL REQUIRE DISRUPTION OF SERVICE TO OTHER SPACES OCCUPIED DURING CONSTRUCTION SHALL BE COORDINATED WITH THE OWNER A MINIMUM OF TWO (2) DAYS PRIOR TO WORK.
- E. WHERE DUCTWORK IS SHOWN TO BE REMOVED, REMOVE ALL SUPPORTS, INSULATION WRAP, ETC. WHERE EQUIPMENT IS SHOWN TO BE REMOVED, COORDINATE WITH OTHER TRADES FOR DISCONNECTING UTILITIES, I.E. POWER, GAS, CONDENSATE, ETC.
- F. WHERE EQUIPMENT IS SCHEDULED FOR DEMOLITION ON THE ROOF, PATCH THE OPENING AND SEAL WEATHERTIGHT. ALL EXISTING ROOFING SYSTEMS SHALL BE PATCHED, INSULATED, AND COORDINATED WITH GENERAL CONTRACTOR TO MAINTAIN ANY WARRANTIES.
- G. IDENTIFY ALL ABANDONED PIPING, DUCTWORK, AND CONDUIT DISCOVERED IN THE EXECUTION OF THIS PROJECT, USING ORANGE PAINT MARKINGS EVERY 20 FEET.
- H. WHERE EXISTING BRANCH TAKEOFFS FROM EXISTING SUPPLY, RETURN, OR EXHAUST DUCTS ARE NOTED TO BE DISCONNECTED FROM MAIN AND REMOVED, PATCH, SEAL, AND INSULATE OPENING IN EXISTING MAIN DUCTWORK AIRTIGHT. PRIOR TO PATCH/SEAL, COORDINATE WITH NEW WORK PLANS TO RECONNECT TO EXISTING OPENINGS WHERE APPLICABLE.

GENERAL NOTES

- A. CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
- B. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY AND THE AUTHORITY HAVING JURISDICTION. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- C. COORDINATE WITH THE WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE RISES, DROPS, AND OFFSETS AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY ENGINEER OF ANY DISCREPANCIES BEFORE STARTING WORK.
- D. REFER TO EXISTING STRUCTURAL PLANS, OR VERIFY IN FIELD, THE LOCATION OF ALL STRUCTURAL MEMBERS.
- E. REFER TO STRUCTURAL DRAWINGS TO COORDINATE LOCATIONS OF ALL DUCTWORK AND PIPING PENETRATIONS.
- F. DRAWINGS ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS.
- G. USE OF COMBUSTIBLE MATERIALS IS NOT ALLOWED IN THE RETURN AIR PLENUM. MATERIALS USED IN THE PLENUM SHALL HAVE FLAME SPREAD RATING NOT TO EXCEED 25, AND SMOKE DEVELOPED RATING NOT TO EXCEED 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84. ALL EXPOSED WIRING IN THE PLENUM SHALL BE PLENUM RATED.
- H. DUCT DIMENSIONS: UNLESS OTHERWISE NOTED, DUCT DIMENSIONS ON THE DRAWINGS ARE INSIDE CLEAR DIMENSIONS.
- I. NEW ROOF PENETRATIONS AND ROOF CURBS FOR EQUIPMENT ON ROOF ARE SHOWN SCHEMATICALLY AND SHALL BE COORDINATED WITH EXISTING STRUCTURAL MEMBERS.
- J. PROVIDE DUCT TRANSITIONS AT CONNECTIONS TO ALL DUCTED MECHANICAL EQUIPMENT.
- K. COORDINATE ALL CEILING INSTALLED EQUIPMENT AND DIFFUSER, REGISTER, AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND ELECTRICAL LIGHTING PLANS.
- L. INSTALL BALANCING DAMPERS IN ALL DUCT BRANCHES TO INDIVIDUAL AIR DISTRIBUTION DEVICES. INSTALL AS CLOSE AS POSSIBLE TO BRANCH DUCT TAKEOFF FROM LARGER DUCT UNLESS SHOWN OTHERWISE ON THE FLOOR PLANS. DAMPERS IN AIR DISTRIBUTION DEVICES SHALL NOT BE USED TO BALANCE SYSTEMS.
- M. MAINTAIN 3'-0" CLEARANCE IN FRONT OF ELECTRICAL PANELS AND EQUIPMENT. DO NOT ROUTE ANY PIPING OR DUCTWORK OVER ELECTRICAL EQUIPMENT.
- N. BRANCH DUCTS TO DIFFUSERS SHALL BE THE SAME SIZE AS THE DIFFUSER NECK UNLESS NOTED OTHERWISE. MAXIMUM LENGTH OF FLEXIBLE DUCT ROUTING TO BE 5'-0" (NO EXCEPTIONS).
- O. TEMPERATURE SENSORS/THERMOSTATS/CO2 SENSORS SHALL BE LOCATED ON WALL NEAR LOCATIONS SHOWN. LOCATE ON WALL WITH CENTER AT 3'-8" A.F.F. TO CENTER OF T-STAT (MATCHING LIGHT SWITCH HEIGHT).
- P. REPAIR OR REPLACE LAY-IN OR GYPBOARD CEILINGS AS NECESSARY TO INSTALL NEW DUCTWORK, PIPING, AND ELECTRICAL CONDUITS.
- Q. ALL ROOF-MOUNTED EQUIPMENT SHALL BE LOCATED MINIMUM 10'-0" FROM ROOF EDGE UNLESS MINIMUM 42" GUARD OR PARAPET IS NOTED ON DRAWINGS.
- R. CONTRACT OWNER'S APPROVED ROOFING CONTRACTOR TO FLASH AND SEAL ROOF CURB TO MAINTAIN ROOF WARRANTY.
- S. DEFINITIONS:
1. PROVIDE - CONTRACTOR SHALL FURNISH AND INSTALL.
2. FURNISH - CONTRACTOR SHALL OBTAIN FOR OTHERS TO INSTALL.
3. INSTALL - CONTRACTOR IS RESPONSIBLE FOR ALL LABOR AND CONSTRUCTION EQUIPMENT NECESSARY TO SET IN PLACE, CONNECT, CALIBRATE.

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
Owner

HARRISONVILLE
READINESS CENTER

1503 SOUTH JEFFERSON
PARKWAY
HARRISONVILLE, MO
64701

PROJECT # 023-05260
SITE #
FACILITY #

No.	Date	Description

ISSUE DATE: 07/09/2025

CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

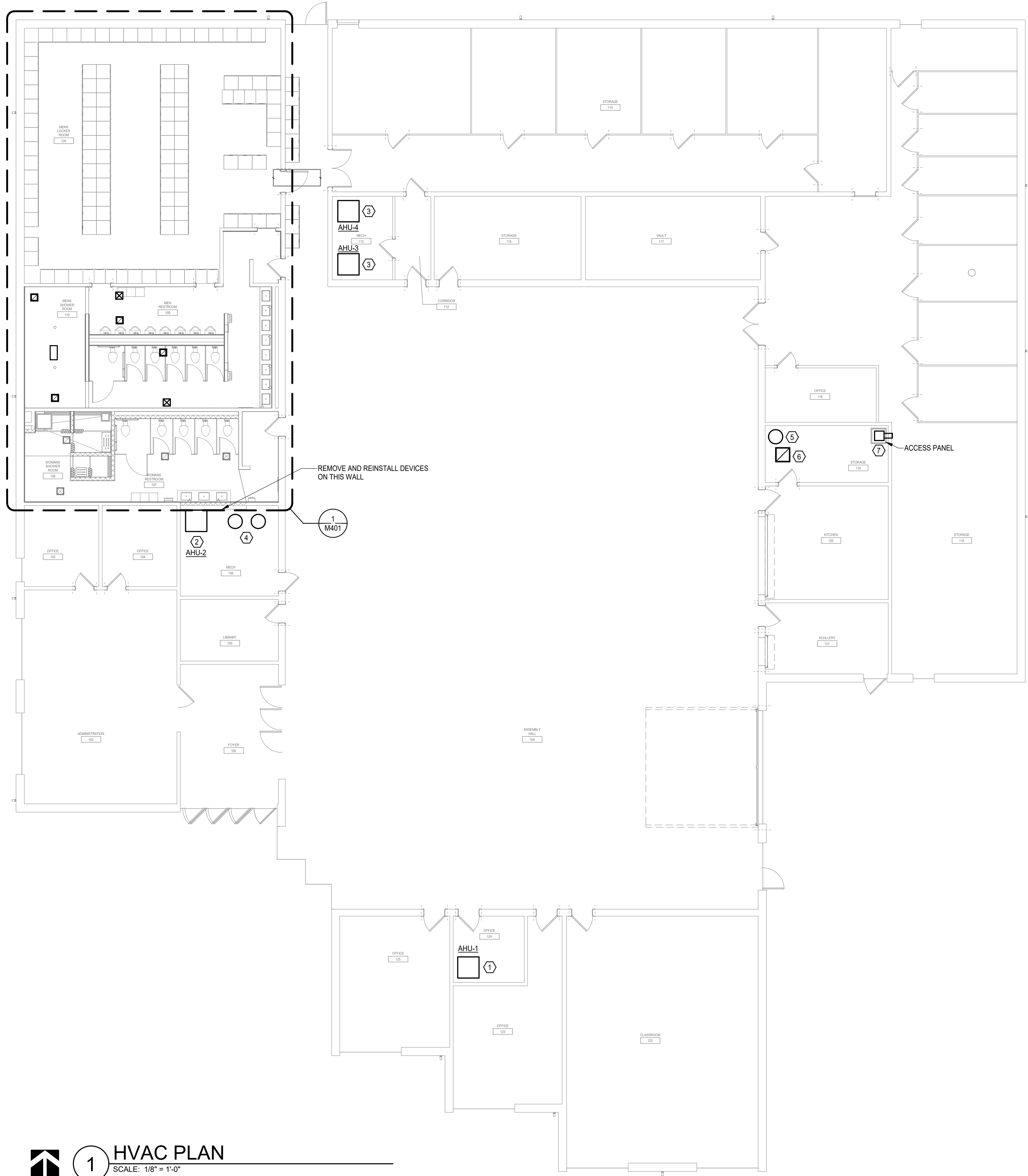
GENERAL
MECHANICAL
INFORMATION

SHEET NUMBER:

M001

19 OF 30 SHEETS
7/8/2025 10:36:07 AM

7/8/2025 10:36:07 AM



MECHANICAL KEYNOTES

- HVAC UPGRADE:
REPLACE EXISTING FURNACE, DX COIL, AND CONDENSING UNIT. 110 MBH GAS INPUT, 95% EFFICIENCY. 5-TON CONDENSING UNIT.

PROVIDE NEW ROOF-MOUNTED EQUIPMENT STANDS, REFRIGERANT LINE SETS, FLUE PIPING, AND CONTROLS. CONNECT TO EXISTING DUCTWORK AS NECESSARY.

TEST AND BALANCE SYSTEM.
- HVAC UPGRADE:
REPLACE EXISTING FURNACE, DX COIL, AND CONDENSING UNIT. 80 MBH GAS INPUT, 95% EFFICIENCY. 4-TON CONDENSING UNIT.

PROVIDE NEW ROOF-MOUNTED EQUIPMENT STANDS, REFRIGERANT LINE SETS, FLUE PIPING, AND CONTROLS. CONNECT TO EXISTING DUCTWORK AS NECESSARY. COORDINATE DEMOLITION AND INSTALLATION WITH REMOVAL OF RESTROOM WALL.

TEST AND BALANCE SYSTEM.
- HVAC UPGRADE:
REPLACE EXISTING FURNACE. 110 MBH GAS INPUT, 95% EFFICIENCY.

PROVIDE NEW FLUE PIPING, AND CONTROLS. CONNECT TO EXISTING DUCTWORK AS NECESSARY.

TEST AND BALANCE SYSTEM.
- WATER HEATER UPGRADE:
REPLACE EXISTING WATER HEATER IN KIND. 75 GALLON, 75 MBH INPUT.
- WATER HEATER UPGRADE:
REPLACE EXISTING WATER HEATER IN KIND. 75 GALLON, 75 MBH INPUT.
- REFRIGERATOR ROOM COOLING:
PROVIDE 24"x24" RETURN AIR GRILLE IN CEILING FOR EXHAUST FAN MAKEUP AIR PATH.
- REFRIGERATOR ROOM COOLING:
PROVIDE 500 CFM ABOVE CEILING-MOUNTED EXHAUST FAN WITH INTEGRAL SPEED CONTROL AND THMRMOSTAT. DUCT FAN THROUGH BLOCK WALL TO REJECT HEAT INTO STORAGE-116.

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
Owner

HARRISONVILLE
READINESS CENTER

1503 SOUTH JEFFERSON
PARKWAY
HARRISONVILLE, MO
64701

PROJECT # 023-05260
SITE #
FACILITY #

No.	Date	Description

ISSUE DATE: 07/09/2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

MECHANICAL
FLOOR PLAN

SHEET NUMBER:

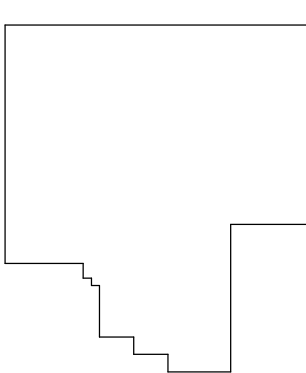
M101

20 OF 30 SHEETS
7/8/2025 10:36:07 AM

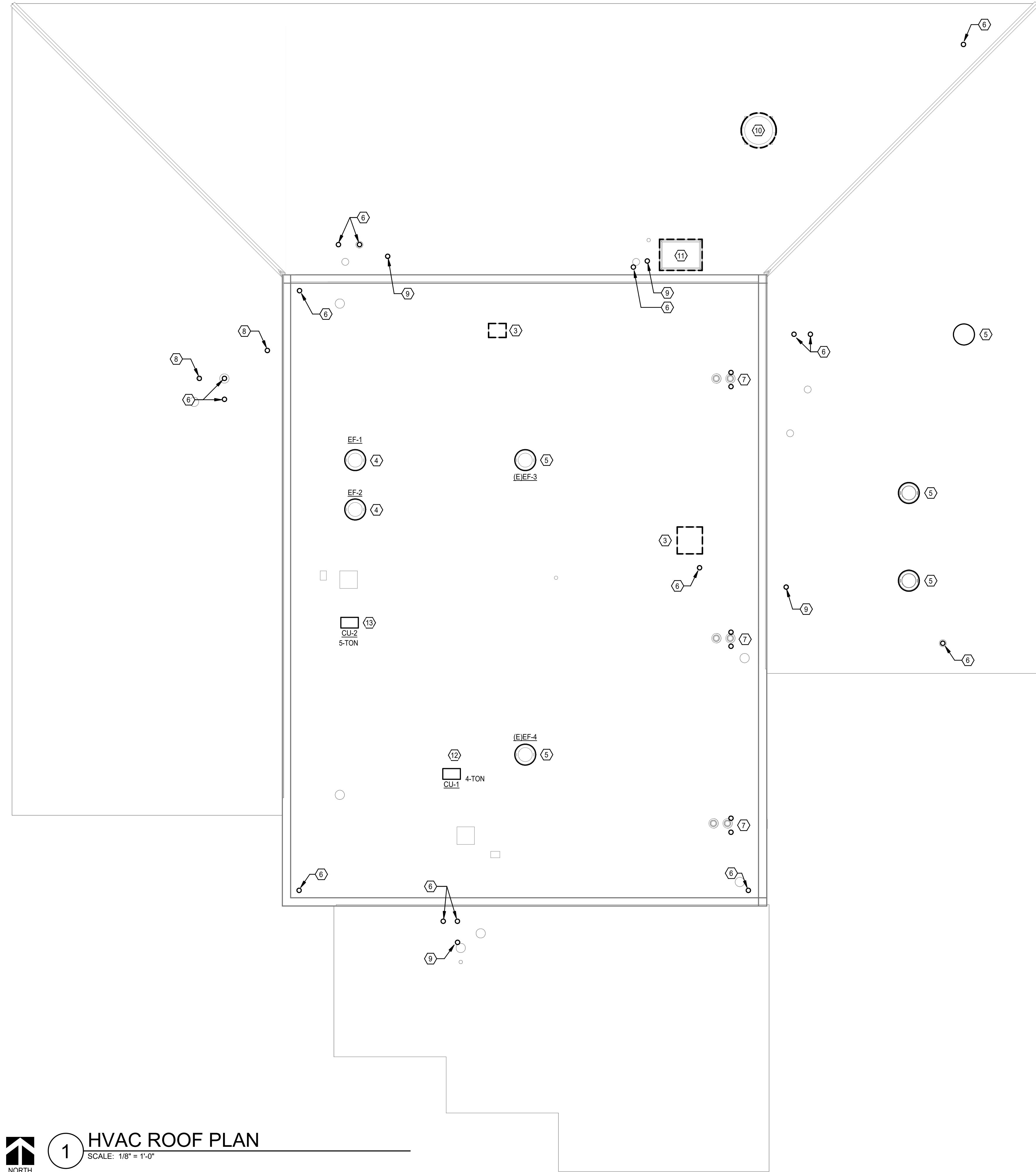


1 HVAC PLAN
SCALE: 1/8" = 1'-0"

KEY PLAN



7/8/2025 10:36:08 AM

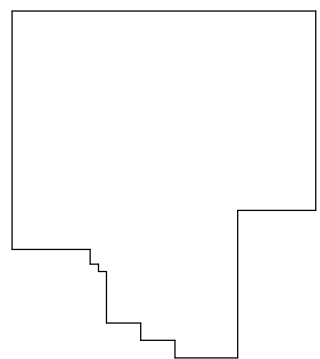


1 HVAC ROOF PLAN
SCALE: 1/8" = 1'-0"
NORTH

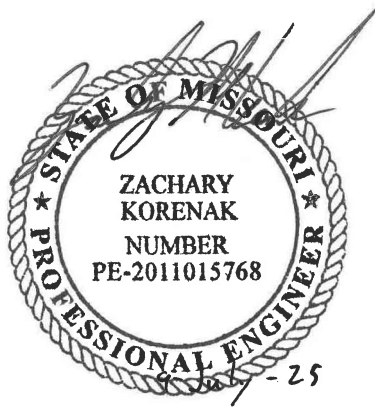
MECHANICAL KEYNOTES

- 1 ROOF REPLACEMENT: TEMPORARILY UNINSTALL AND THEN REINSTALL EXISTING CONDENSING UNIT. PROVIDE NEW PIPE CURB PENETRATION AND ROOF-EQUIPMENT SUPPORT RAILS. RECHARGE REFRIGERANT AS NECESSARY.
- 2 ROOF REPLACEMENT: TEMPORARILY UNINSTALL AND THEN REINSTALL EXISTING CONDENSING UNIT. PROVIDE NEW PIPE CURB PENETRATION AND ROOF-EQUIPMENT SUPPORT RAILS. RECHARGE REFRIGERANT AS NECESSARY.
- 3 ROOF REPLACEMENT: REMOVE ABANDONED CURB CAP.
- 4 RESTROOM/LOCKER UPGRADES: REPLACE NON-FUNCTIONING EXHAUST FANS WHICH SERVE LOCKER ROOM AREAS. LOREN COOK "ACEB 180". PROVIDE WITH NEW ROOF CURB.
- 5 ROOF REPLACEMENT: TEMPORARILY UNINSTALL AND THEN REINSTALL EXISTING EXHAUST FAN. PROVIDE NEW ROOF CURB.
- 6 ROOF REPLACEMENT: TEMPORARILY UNINSTALL AND THEN REINSTALL GAS FLUE.
- 7 ROOF REPLACEMENT: TEMPORARILY UNINSTALL AND THEN REINSTALL ROOF DRAINS AND OVERFLOW DRAINS.
- 8 ROOF REPLACEMENT: TEMPORARILY UNINSTALL AND THEN REINSTALL PLUMBING VENT.
- 9 ROOF REPLACEMENT: REMOVE ABANDONED ROOF PIPING PENETRATION.
- 10 ROOF REPLACEMENT: REMOVE ABANDONED RANGE EXHAUST FAN AND ALL ASSOCIATED DUCTWORK, SUPPORTS, ACCESSORIES.
- 11 ROOF REPLACEMENT: REMOVE ABANDONED RANGE INTAKE HOOD AND ALL ASSOCIATED DUCTWORK, SUPPORTS, ACCESSORIES.
- 12 INSTALL NEW CONDENSING UNIT TO SERVE AHU-1.
- 13 INSTALL NEW CONDENSING UNIT TO SERVE AHU-2.

KEY PLAN



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
Owner

HARRISONVILLE
READINESS CENTER

1503 SOUTH JEFFERSON
PARKWAY
HARRISONVILLE, MO
64701

PROJECT # 023-05260
SITE #
FACILITY #

No.	Date	Description

ISSUE DATE: 07/09/2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

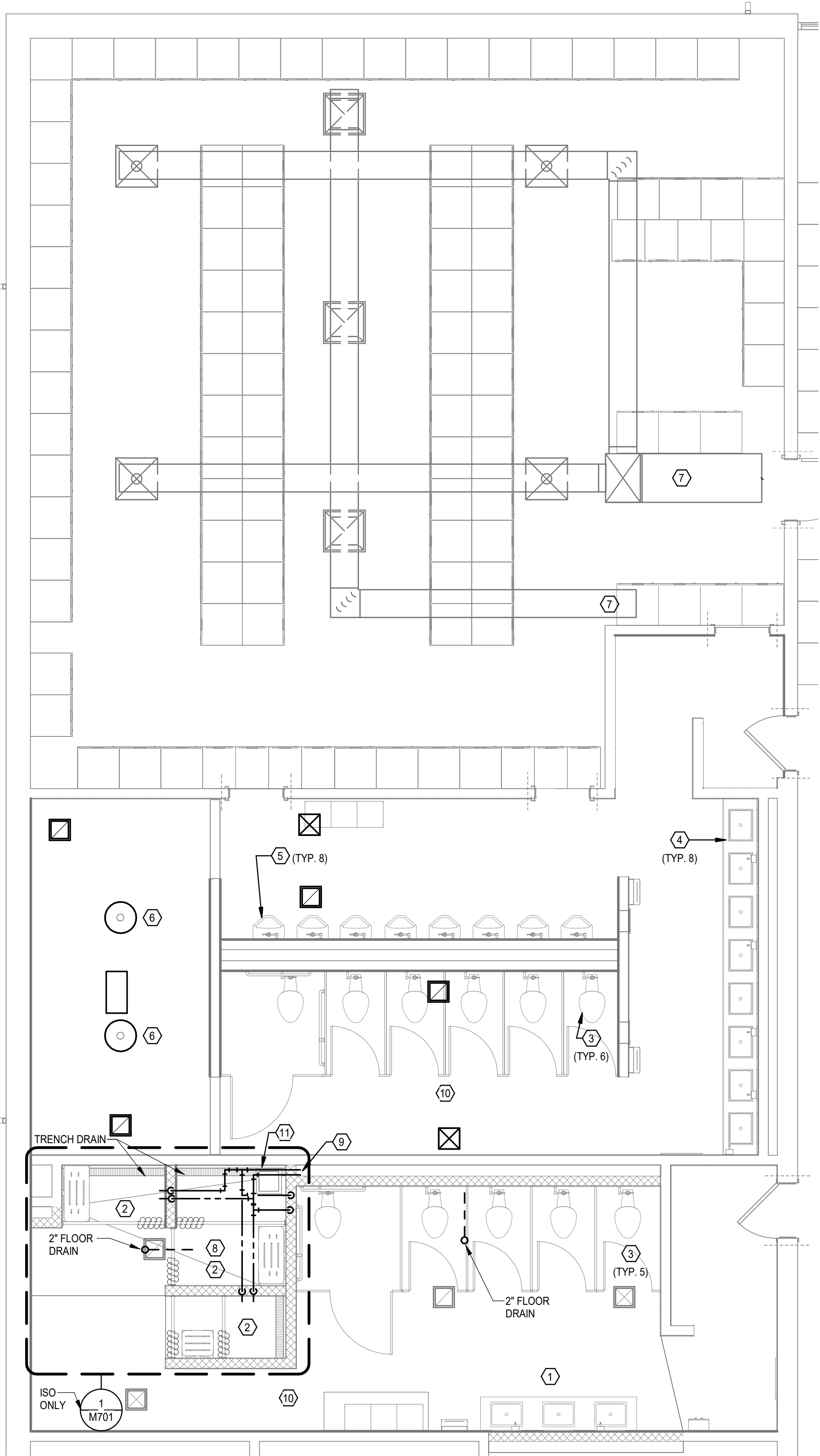
SHEET TITLE:

MECHANICAL
ROOF PLAN

SHEET NUMBER:

M102

21 OF 30 SHEETS
7/8/2025 10:36:08 AM



1 ENLARGED MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

MECHANICAL KEYNOTES

- 1

RESTROOM/LOCKER UPGRADES:
PROVIDE NEW 3-STATION WASH BASINS - BRADLEY "LVAD3"

NATURAL QUARTZ WASH BASIN WITH 3 LAVATORY CONNECTIONS
SPACED AT 30" ON CENTERS. INTEGRAL DRAIN TROUGH.

PROVIDE WITH TOUCHLESS FAUCETS (0.5 GPM) AND TOUCHLESS SOAP
DISPENSERS, SUPPORT BRACKETS, COMPONENT ACCESS PANELS.
- 2

RESTROOM/LOCKER UPGRADES:
PROVIDE NEW SHOWER SYSTEMS.

ZURN Z415B FLOOR DRAIN WITH AMERICAN STANDARD TU662.211
SHOWER TRIM.

THERMOSTATIC MIXING VALVE WITH SHAPE MEMORY ALLOY,
INTEGRATED SERVICE STOPS, 1/2" NPT CONNECTIONS, AND CORROSION
RESISTANCE. UNIT SHALL BE COMPLIANT WITH ASME A112.18.1.

PROVIDE WITH SOLID BRASS TEMPERATURE CONTROL TRIM WITH
ANTI-SCALD SAFETY STOP, LEVER HANDLE, AND POLISHED CHROME
FINISH. TRIM SHALL BE ASME A112.18.1 AND ADA COMPLIANT. PROVIDE
WITH SINGLE SPRAY SHOWERHEAD WITH HOSE AND 36" SLIDE BAR.
PROVIDE ADA GRAB BARS FOR ADA SHOWERS. REFER TO
ARCHITECTURAL PLANS FOR MOUNTING HEIGHTS OF ALL COMPONENTS.
- 3

RESTROOM/LOCKER UPGRADES:
PROVIDE NEW WATER CLOSETS - KOHLER "WELLWORTH" K-4406

ELONGATED, VITREOUS CHINA BOWL WITH SIPHON-JET DESIGN, FLOOR
MOUNTED, 1-1/2" TOP SPUD, FLOOR OUTLET, 1.6 GPF.

INCLUDE BOLT CAPS MATCHING FIXTURE, KOHLER "LUSTRA" K-4670-C,
ELONGATED SEAT, OPEN FRONT, NO LID (WHITE).

SLOAN G2 OPTIMA+ MODEL 8111 EXPOSED, BATTERY-POWERED,
SENSOR-OPERATED FLUSHOMETER, 1.6 GPF, ADA COMPLIANT, WITH
BUTTON OVER-RIDE, NON-HOLD-OPEN SOLENOID OPERATOR, SELF-
ADAPTIVE INFRARED SENSOR & INDICATOR LIGHT, AND CHROME-PLATED
EXPOSED PIECES.
- 4

RESTROOM/LOCKER UPGRADES:
REPLACE LAVATORIES - KOHLER "KINGSTON" K-2005

WHITE, VITREOUS CHINA, FRONT OVERFLOW, D-SHAPED BOWL, FAUCET
LEDGE AND SELF-DRAINING DECK AREA WITH CONTOURED BACK AND
SIDE SPLASH SHIELDS. FAUCET HOLES SHALL BE 4" ON CENTER. NOMINAL
DIMENSION OF 21-1/4"x18-1/8" BOWL DIMENSION OF 16"x10".

PROVIDE WITH FLOOR-MOUNTED FIXTURE CARRIER (IF REQUIRED),
CHROME-PLATED COPPER SUPPLIES WITH LOOSE TEE KEY STOPS.
PROVIDE 1-1/2" CHROME-PLATED CAST-BRASS TRAP WITH CLEANOUT
AND WALL ESCUTCHEONS.

KOHLER CORALAIS K-15593 FAUCET, ADA-COMPLIANT, CHROME-PLATED
METAL CONSTRUCTION, ONE-PIECE LEVER HANDLE FAUCET, 0.5 GPM
VANDAL RESISTANT AERATOR, HIGH-TEMP LIMIT STOP, AND CHROME
PLATED BRASS GRID STRAINER.
- 5

EXISTING URINALS TO REMAIN. CONTRACTOR TO ENSURE NO DAMAGE
IS DONE TO URINALS DURING CONSTRUCTION.
- 6

RESTROOM/LOCKER UPGRADES:
REPLACE GROUP SHOWERS - BRADLEY COL-6C

SIX STATION COLUMN SHOWER WITH 304 STAINLESS STEEL OR POLISHED
CHROME-PLATED BRASS EXPOSED MATERIALS. INDIVIDUAL
TEMPERATURE ADJUSTMENT AT EACH STATION WITH PRESSURE
BALANCING VALVE. 1.5 GPM STANDARD SHOWER HEAD. SUPPLIES FROM
ABOVE.
- 7

RESTROOM/LOCKER UPGRADE:
REBALANCE LOCKERROOM EXHAUST AND HEATING SYSTEM.
- 8

CONNECT 2 WASTE FROM FLOOR DRAIN TO THE NEAREST MAIN.
- 9

CONNECT 3/4" HW AND CW TO THE NEAREST EXISTING MAIN AND
PROVIDE ISOLATION VALVES.
- 10

RECONNECT NEW EXHAUST FAN TO EXISTING DUCTWORK AND NEW
GRILLES.
- 11

12" ACCESS PANEL FOR VALVE ACCESS.

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
Owner

HARRISONVILLE
READINESS CENTER

1503 SOUTH JEFFERSON
PARKWAY
HARRISONVILLE, MO
64701

PROJECT # 023-05260
SITE #
FACILITY #

No.	Date	Description

ISSUE DATE: 07/09/2025

CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

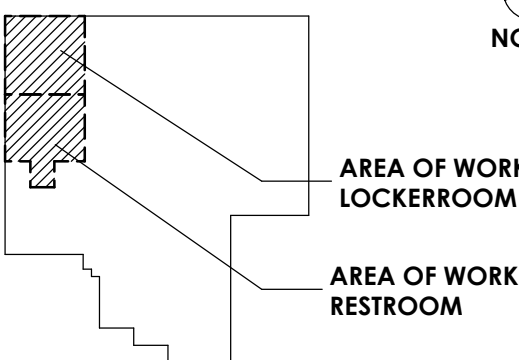
ENLARGED
MECHANICAL
PLAN

SHEET NUMBER:

M401

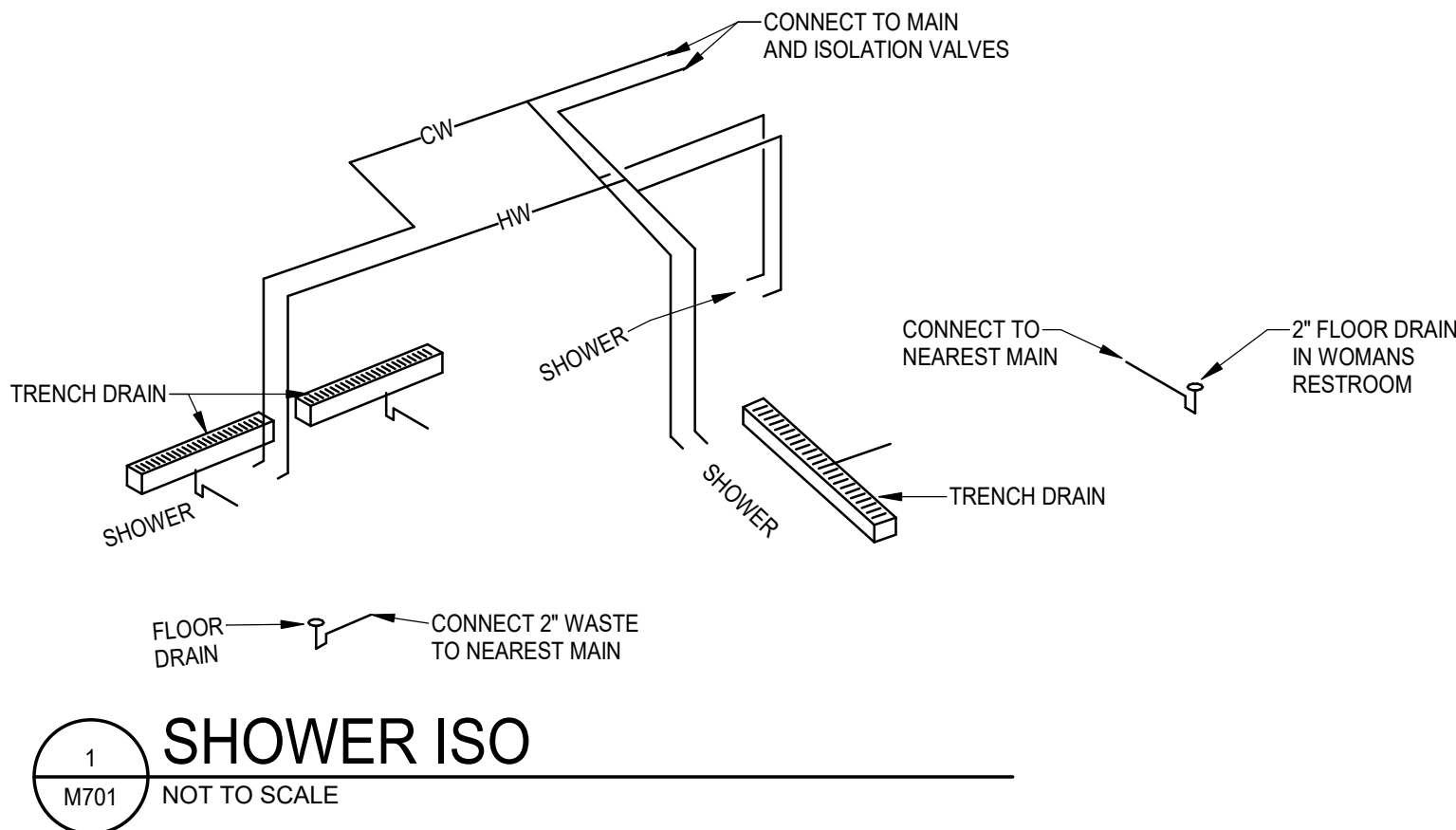
22 OF 30 SHEETS
7/8/2025 10:36:09 AM

KEY PLAN



NORTH

PLUMBING FIXTURE SCHEDULE									
MARK	TYPE	MANUFACTURER	MODEL	DESCRIPTION	ACCESSORIES	CONNECTIONS			
						WASTE	VENT	CW	HW
WC-1	WATER CLOSET FLOOR MOUNTED FLUSH VALVE	KOHLER	"HIGHCLIFF" K-96057	ELONGATED, VITREOUS CHINA BOWL, FLOOR MOUNTED, 1-1/2" TOP SPUD, FLOOR OUTLET, 1.28 GPF.	INCLUDE BOLT CAPS MATCHING FIXTURE, KOHLER "LUSTRA" K-4670-C, ELONGATED SEAT, OPEN FRONT, NO LID (WHITE). FLUSH VALVE: ZURN MODEL NO. Z6000AV-HET FLUSH VALVE, 1.28 GPF, CHROME PLATED, HIGH BACK PRESSURE VACUUM BREAKER FLUSH CONNECTION, ONE-PIECE BOTTOM HEX COUPLING NUT, CONTROL STOP WITH INTERNAL SIPHON GUARD PROTECTION, VANDAL RESISTANT STOP CAP, ADJUSTABLE TAILPIECE. LOCATE FLUSH LEVER ON OPEN SIDE OF FIXTURE, REFER TO PLANS PRIOR TO ORDERING.	4"	2"	1-1/4"	—
WC-2	WATER CLOSET FLOOR MOUNTED FLUSH VALVE ADA	KOHLER	"HIGHCLIFF" K-96057	ELONGATED, VITREOUS CHINA BOWL, FLOOR MOUNTED, 1-1/2" TOP SPUD, FLOOR OUTLET, 1.28 GPF, ADA-COMPLIANT.	INCLUDE BOLT CAPS MATCHING FIXTURE, KOHLER "LUSTRA" K-4670-C, ELONGATED SEAT, OPEN FRONT, NO LID (WHITE). FLUSH VALVE: ZURN MODEL NO. Z6000AV-HET FLUSH VALVE, 1.28 GPF, CHROME PLATED, HIGH BACK PRESSURE VACUUM BREAKER FLUSH CONNECTION, ONE-PIECE BOTTOM HEX COUPLING NUT, CONTROL STOP WITH INTERNAL SIPHON GUARD PROTECTION, VANDAL RESISTANT STOP CAP, ADJUSTABLE TAILPIECE, ADA COMPLIANT. LOCATE FLUSH LEVER ON OPEN SIDE OF FIXTURE, REFER TO PLANS PRIOR TO ORDERING.	4"	2"	1-1/4"	—
L-1	LAVATORY WALL HUNG	KOHLER	"KINGSTON" K-2005	WHITE, VITREOUS CHINA, UNDERMOUNT, FRONT OVERFLOW, D-SHAPED BOWL, FAUCET LEDGE AND SELF-DRAINING DECK AREA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS. FAUCET HOLES SHALL BE 4" ON CENTER.	PROVIDE WITH FLOOR-MOUNTED FIXTURE CARRIER, CHROME-PLATED COPPER SUPPLIES WITH LOOSE TEE KEY STOPS. PROVIDE 1-1/2" CHROME-PLATED CAST-BRASS TRAP WITH CLEANOUT AND WALL ESCUTCHEONS. KOHLER "CORALAIS" K-15598 FAUCET, ADA-COMPLIANT, CHROME-PLATED METAL CONSTRUCTION, ONE-PIECE AUTOMATIC FAUCET, 1.5 GPM VANDAL RESISTANT AERATOR, HIGH-TEMP LIMIT STOP, AND CHROME PLATED BRASS GRID STRAINER.	2" UP TO 1-1/2" TRAP ARM	1-1/4"	1/2"	1/2"
EWC-1	ELECTRIC WATER COOLER	ELKAY	EZSTL8WS	WALL MOUNT WATER COOLER, 8 GPH AT 90°F AMBIENT, 370 WATTS 5.0 FLA, SELF-CLOSING EASY-TOUCH CONTROLS ON THE FRONT, LEFT AND RIGHT OF UNIT, AND FLEXI-GUARD SAFETY BUBBLER.	PROVIDE CHROME-PLATED COPPER SUPPLY STOPS, CHROME-PLATED CAST-BRASS TRAP WITH CLEANOUT (0.045" THICK TUBULAR BRASS WASTE TO WALL) AND WALL ESCUTCHEONS.	1-1/2"	1-1/4"	1/2"	—
MS-1	MOP SINK	FIAT	MSB 2424	24"x24"x10" MOLDED STONE BASIN WITH 3" DRAIN OUTLET WITH STRAINER.	PROVIDE CHROME-PLATED COPPER SUPPLY STOPS, CHROME-PLATED CAST-BRASS TRAP WITH CLEANOUT (0.045" THICK TUBULAR BRASS WASTE TO WALL) AND WALL ESCUTCHEONS.	3"	2"	1/2"	1/2"
HB-1	EXPOSED HOSE BIBB	WOODFORD	24	EXPOSED, ANTI-SIPHON WALL HOSE BIBB WITH CHROME FINISH, HOSE TREADED SPOUT, VACUUM BREAKER, AND REMOVABLE KEY OPERATOR.	PROVIDE CHROME-PLATED COPPER SUPPLY STOPS, CHROME-PLATED CAST-BRASS TRAP WITH CLEANOUT (0.045" THICK TUBULAR BRASS WASTE TO WALL) AND WALL ESCUTCHEONS.	—	—	3/4"	—
FD-1	SQUARE FLOOR DRAIN	ZURN	Z415S	CAST IRON TWO PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEEP HOLES, REVERSIBLE CLAMPING COLLAR, NICKEL BRONZE ADJUSTABLE STRAINER.	DIMENSIONS OF TOP STRAINER: 2" AND 3" OUTLETS WITH A 5"x5" STRAINER, 2", 3" AND 4" OUTLET WITH 6"x6 OR 7"x7" STRAINER, 3" AND 4" OUTLET WITH 8"x8" STRAINER, 6" OUTLET WITH A 10"x10" STRAINER. PROVIDE TY SEALS FOR FLOOR DRAINS MOUNTED IN FLOORS ABOVE GRADE. VERIFY PIPE SIZES ON PLANS.	—	1-1/2" (2" BELOW SLAB)	—	—
FS-1	SQUARE FLOOR SINK	ZURN	Z1901	12x12x8 DEEP CAST IRON BODY AND SQUARE SLOTTED MEDIUM DUTY GRATE, WITH WHITE ACID RESISTING PORCELAIN ENAMEL INTERIOR AND TOP, COMPLETE WITH WHITE ABS ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER.	PROVIDE WITH 1/2 GRATE AND SECURITY SCREWS. VERIFY PIPE SIZES ON PLANS.	—	2"	—	—
FCO	FLOOR CLEANOUT	ZURN	Z1400	CAST IRON BODY, WITH GAS AND WATER-TIGHT ABS TAPERED THREAD PLUG AND ROUND POLISHED BRONZE SCORiated SECURED TOP, ADJUSTABLE TO FINISH FLOOR.	CLEANOUT SHALL BE THE SAME SIZE AS PIPING UP TO 4". 4" AND LARGER PIPING SHALL BE A 4" CLEANOUT.	—	—	—	—
WCO	WALL CLEANOUT	ZURN	Z1446	CLEANOUT TEE, DURA COATED CAST IRON BODY, GAS AND WATERTIGHT, ABS TAPERED THREAD PLUG AND ROUND, SMOOTH STAINLESS STEEL WALL ACCESS COVER WITH SECURING SCREW.	CLEANOUT SHALL BE THE SAME SIZE AS PIPING UP TO 4". 4" AND LARGER PIPING SHALL BE A 4" CLEANOUT.	—	—	—	—
BF-1	BOTTLE FILLER			1.1 GPM LAMINAR FLOW BOTTLE FILLER, ELECTRIC SENSOR FOR TOUCHLESS ACTIVATION, MOUNTED AT ADA HEIGHT		—	—	1/2"	—



PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
Owner

HARRISONVILLE
READINESS CENTER

1503 SOUTH JEFFERSON
PARKWAY
HARRISONVILLE, MO
64701

PROJECT # 023-05260

SITE #

FACILITY #

No.	Date	Description

ISSUE DATE: 07/09/2025

CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

MECHANICAL
SCHEDULES

SHEET NUMBER:

M701

ELECTRICAL SYMBOL LEGEND	
POWER DEVICES	
DUPLEX RECEPTACLE SINGLE RECEPTACLE FOUR PLEX RECEPTACLE DUPLEX RECEPTACLE, 6" ABOVE COUNTERTOP UNLESS OTHERWISE NOTED GFI GROUND FAULT DUPLEX RECEPTACLE DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT FOUR PLEX RECEPTACLE ON EMERGENCY CIRCUIT GWP GROUND FAULT DUPLEX RECEPTACLE WITH WHILE-IN-USE COVER USB DUPLEX RECEPTACLE WITH USB OUTLETS IG ISOLATED GROUND RECEPTACLE SPECIAL-PURPOSE OUTLET. LETTER DESIGNATES TYPE, SEE SPECIAL CONNECTION SCHEDULE FOR REQUIREMENTS J WALL MOUNTED JUNCTION BOX J CEILING MOUNTED JUNCTION BOX J FLOOR MOUNTED JUNCTION BOX SURFACE RACEWAY WITH OUTLETS AS INDICATED ON PLANS.MOUNTED AT 18" TO CENTER OF DEVICE AFF UNLESS OTHERWISE NOTED PUSHBUTTON SWITCH COMBINATION PUSHBUTTON SWITCH MUSHROOM EMERGENCY SHUT-OFF SWITCH	FLOOR MOUNTED DUPLEX RECEPTACLE FLOOR MOUNTED FOUR PLEX RECEPTACLE CEILING MOUNTED DUPLEX RECEPTACLE CEILING MOUNTED FOUR PLEX RECEPTACLE ELECTRICAL DISTRIBUTION PANEL RECESS MOUNT ELECTRICAL PANEL SURFACE MOUNT ELECTRICAL PANEL ELECTRICAL POWER TRANSFORMER DISCONNECT SWITCH PROVIDED WITH EQUIPMENT FUSED DISCONNECT SWITCH NON-FUSED DISCONNECT SWITCH COMBINATION MAGNETIC STARTER AND DISCONNECT SWITCH STARTERMOTOR CONTROLLER ELECTRICAL MOTOR - SINGLE PHASE ELECTRICAL MOTOR - THREE PHASE RELAY BATTERY PACK gM MOTORIZED DAMPER
LIGHTING	
OS CEILING OR WALL-MOUNTED OCCUPANCY SENSOR PC CEILING OR WALL-MOUNTED PHOTO CELL LC LIGHTING CONTACTOR TC TIME CLOCK, AS INDICATED ON PLANS	S SINGLE-POLE SWITCH S2 DOUBLE-POLE SWITCH S3 3-WAY SWITCH S4 4-WAY SWITCH SK KEY SWITCH
SPECIAL SYSTEMS	
DATA OUTLET TELEPHONE OUTLET COMBINATION DATA/TELEPHONE OUTLET WAP WIRELESS ACCESS POINT, CEILING MOUNTED	CABLE TRAY GROUND BAR
FIRE ALARM	
M MAGNETIC DOOR HOLD DEVICE FS SPRINKLER FLOW SWITCH TS SPRINKLER TAMPER SWITCH X EXTERIOR REMOTE FLASHING STROBE LIGHT E MANUAL PULL STATION; ADA COMPLIANT EK HORN & STROBE; ADA COMPLIANT EK STROBE; ADA COMPLIANT EK SPEAKER & STROBE; ADA COMPLIANT X-S FIRE ALARM VOICE WALL MOUNT SPEAKER B MULTIPLE TONE BUZZER S-S FIRE ALARM VOICE CEILING MOUNT SPEAKER	SMOKE DETECTOR D DUCT MOUNTED SMOKE DETECTOR HD THERMAL HEAT DETECTOR PV POST INDICATOR VALVE B BELL R SHUTDOWN RELAY WITH REMOTE TEST SWITCH RT SHUTDOWN RELAY AND TEST SWITCH FACP FIRE ALARM CONTROL PANEL RAP REMOTE ANNUNCIATOR PANEL NAC NOTIFICATION APPLIANCE CURCUIT SMOKE DAMPER FIRE DAMPER SMOKE DAMPER A CLEAN AGENT ABORT STATION. MOUNT ADJACENT TO MANUAL RELEASE STATION
SECURITY DEVICES	
ES ELECTRIC DOOR STRIKER VIDEO CAMERA, WITH MOUNTING HARDWARE ML ELECTRIC MAGNETIC LOCK CL ELECTRIC CYLINDER LOCK CR CARD READER REX REQUEST TO EXIT D DOOR CONTACT	M MOTION DETECTOR, CEILING MOUNTED M MOTION DETECTOR, WALL MOUNTED EDR EMERGENCY DOOR RELEASE BUTTON B PANIC BUTTON S SECURITY BUZZER HORN
CIRCUITRY	
P-UG EXISTING, NEW, OR DEMO POWER FEEDER BELOW GRADE ITEM BELOW GRADE (NEW WORK) OR TO BE DEMOLISHED (DEMO)	BRANCH CIRCUIT. 2#12 AND 1#12G IN 3/4" CONDUIT UNO

ABBREVIATIONS/MODIFIERS	
SHEET NOTE TAG. LABEL INDICATES NOTE NUMBER FEEDER TAG * ABOVE COUNTER A AMPERE AD AUTOMATIC DAMPER AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE AHU AIR HANDLING UNIT AFCI ARC FAULT CIRCUIT INTERRUPTER ATS AUTOMATIC TRANSFER SWITCH C CONDUIT C/B CIRCUIT BREAKER C/R CIRCUIT CUH CABINET UNIT HEATER E EXISTING DEVICES TO REMAIN EF EXHAUST FAN EMT ELECTRIC METALLIC TUBING ER NEW LOCATION OF EXISTING RELOCATED EWC ELECTRIC WATER COOLER EWH ELECTRIC WATER HEATER FA FIRE ALARM FB FLOOR BOX FMC FLEXIBLE METALLIC TUBING GFI GROUND FAULT INTERRUPTER HD HAND DRYER IG ISOLATED GROUND MAU MAKE-UP AIR UNIT MD MOTORIZED DAMPER NF NON-FUSED NL NIGHT LIGHT NR NEW TO REPLACE EXISTING P POLE PE PRIMARY ELECTRIC SERVICE PTD ELECTRIC PAPER TOWEL DISPENSER PVC POLYVINYL CHLORIDE CONDUIT RE REMOVE EXISTING REF ROOF EXHAUST FAN RL RELOCATE EXISTING RMC RIGID METALLIC CONDUIT RR REMOVE AND REPLACE ON NEW SURFACE RTU ROOFTOP UNIT SD SMOKE DAMPER SE SECONDARY ELECTRIC SERVICE S&P SPACE AND PROVISION T TELEPHONE SERVICE TCP TEMPERATURE CONTROL PANEL TP TAMPER PROOF TV TELEVISION UGE UNDERGROUND ELECTRICAL VFC VARIABLE FREQUENCY CONTROLLER VFD VARIABLE FREQUENCY DRIVE W WIRE WG WIRE GUARD WP WEATHERPROOF WR WEATHER RESISTANT XFMR TRANSFORMER	

GENERAL DEMO NOTES		GENERAL NOTES	
A. ALL WORK SHALL CONFORM TO THE ADOPTED ELECTRICAL CODE, OSHA, UL AND ALL LOCAL, STATE AND STATUTORY REQUIREMENTS.		A. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE ADOPTED ELECTRICAL CODE.	
B. FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES, THE CONDITION OF EXISTING BUILDING DEVICES AND MATERIALS, AND PROTECT DURING THE COURSE OF THIS WORK. EXISTING UTILITIES, EXISTING BUILDING, AND/OR MATERIALS WHICH ARE DAMAGED BY NEGLIGENCE SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE, IN A TIMELY MANNER, AND TO THE ENGINEER'S AND OWNER'S WRITTEN ACCEPTANCE.		B. ELECTRICAL DESIGN HAS BEEN BASED ON THE INSTALLATION OF 90-DEGREE CONDUCTORS CONNECTED TO TERMINAL LUGS AND EQUIPMENT UL LISTED FOR A MINIMUM OF 75-DEGREES. CONDUCTORS TERMINATED ON EQUIPMENT WITH A LOWER RATING OR NO RATING SHALL HAVE CONDUCTOR SIZE INCREASED TO CONFORM TO THE ADOPTED ELECTRICAL CODE.	
C. PROVIDE TEMPORARY AND/OR MODIFY EXISTING POWER, EMERGENCY POWER, LIGHTING, FIRE ALARM, TELECOMMUNICATIONS, AND OTHER SERVICES AS REQUIRED FOR CONSTRUCTION-PERIOD INTERIM LIFE SAFETY MEASURES.		C. CONTACT ELECTRIC UTILITY AND ARRANGE FOR ELECTRICAL SERVICE AS INDICATED ON DRAWINGS. INCLUDE ALL COSTS, CHARGES, FEES, ETC. INCURRED BY UTILITY COMPANY INTO BID. PROVIDE ALL MATERIALS AS REQUIRED BY LOCAL AUTHORITIES FOR ELECTRIC SERVICE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITIES.	
D. ALL PANELBOARDS, SWITCHBOARDS, LIGHTING FIXTURES, ETC. WHICH ARE REMOVED, SHALL BE REMOVED FROM THE SITE, UNLESS OTHERWISE NOTED		D. INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO TYPE AND LOCATION OF SAME AS MAY BE NECESSARY TO AVOID DAMAGE THERE OF.	
E. ANY EXISTING DEVICES OR CIRCUITS SHOWN ARE FOR INFORMATION PURPOSES ONLY. FIELD VERIFY ALL EXISTING CONDITIONS. REMOVE, RELOCATE AND REWORK ANY ELECTRICAL EQUIPMENT OR CIRCUITS NECESSARY FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM.		E. FIELD VERIFY LOCATION OF ALL UTILITIES PRIOR TO BEGINNING WORK. ANY INTERFERENCE SHALL BE BROUGHT TO ATTENTION OF THE ARCHITECT AND ENGINEER FOR DIRECTION.	
F. EXISTING DEVICES AND/OR CIRCUITS SHOWN ARE TAKEN FROM EXISTING DRAWINGS AND SITE VISITS. CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ALL WORK TO BE DONE BY OBSERVATION OF THE SITE. FAILURE TO DO SO WILL NOT RELIEVE THE RESPONSIBILITY FOR PERFORMING ALL WORK NECESSARY TO PROVIDE A FULLY FUNCTIONAL AND WORKMANLIKE INSTALLATION		F. PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED.	
G. ALL ABANDONED CONDUIT AND WIRE SHALL BE REMOVED IN ITS ENTIRETY. ANY CONCEALABLE CONDUITS MADE OBSOLETE DUE TO DEMOLITION SHALL BE CUT FLUSH WITH THE FLOOR, WALL, OR CEILING WITH THE REMAINING ENDS PLUGGED TO ALLOW REFINISHING OF THE SURFACE. EXISTING CONDUITS CURRENTLY INSTALLED IN WALLS OR FLOORS THAT ARE TO REMAIN THAT ARE NOT TO BE USED IN NEW WORK AND WILL NOT INTERFERE WITH THE WORK OF ANY OTHER TRADE MAY REMAIN.		G. COOPERATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS. BEFORE ANY PIPING, DUCTWORK, CONDUIT, ETC. IS INSTALLED, IT SHALL BE COORDINATED CAREFULLY BETWEEN ALL TRADES.	
H. CONDUIT RUN IN EXISTING CONCRETE SLAB SHALL BE SAW-CUT OFF AS IT ENTERS THE SLAB, THEN SEALED TO PREVENT MOISTURE ACCESS.		H. GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIAL FURNISHED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS.	
I. MAINTAIN ACCURATE RECORDS OF ALL CHANGES TO THE EXISTING ELECTRICAL SYSTEMS WHICH ARE TO REMAIN AND DELIVER "RECORD" DRAWINGS TO THE OWNER AT THE COMPLETION OF THE PROJECT.		I. ALL WIRING SHALL BE INSTALLED IN CONDUIT AND BE CONCEALED. REFER TO CONDUIT APPLICATION SCHEDULE.	
J. PROVIDE A MINIMUM OF TEN (10) DAYS WRITTEN NOTICE TO CONSTRUCTION MANAGER, PRIOR TO ANY INTERRUPTIONS TO THE ELECTRICAL UTILITY SERVICE.		J. COORDINATE EQUIPMENT LOCATIONS AND ELECTRICAL CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT.	
K. EXPOSED CONDUITS THAT ARE NOT BEING USED IN THE NEW CONSTRUCTION AND THAT ARE NOT SUITABLE TO USE IN THE FUTURE, SHALL BE REMOVED.		K. ALL BRANCH CIRCUITS SHALL CONSIST OF (2) #12 AND (1)#12 EQUIPMENT GROUND IN 1/2" EMT CONDUIT, UNLESS OTHERWISE NOTED.	
L. SERVICES PASSING THROUGH AREAS OF DEMOLITION SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. CIRCUITS SERVING AREAS ADJACENT TO THE CONSTRUCTION AREA THAT ARE MODIFIED AS PART OF THE REMODELING PROJECT, SHALL BE RE-CIRCUITED AS PART OF THE PROJECT.		L. ALL ELECTRICAL RACEWAYS SHALL HAVE AN EQUIPMENT GROUND CONDUCTOR SIZED PER THE ADOPTED ELECTRICAL CODE.	
M. ALL ROMEX, BX AND OTHER FLEXIBLE CABING SHALL BE REMOVED. WHERE EXISTING EQUIPMENT OR CIRCUITS ARE EXISTING TO REMAIN AND ARE CIRCUITED USING ROMEX OR BX CABLING, THE CABLING SHALL BE REPLACED WITH AN APPROVED WIRING METHOD.		M. MINIMUM CONDUIT SIZE SHALL BE 1/2" ABOVE GRADE AND 3/4" BELOW GRADE.	
N. ALL LOW VOLTAGE AND UNUSED MC AND AC CABLING SHALL BE REMOVED.		N. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A PULLSTRING.	
O. WHERE FEEDERS ARE LEFT ABANDONED IN PLACE, THE CONDUCTORS SHALL BE DISCONNECTED ON BOTH ENDS AND LABELED.		O. ALL MATERIALS EXPOSED IN PLENUM SPACES SHALL BE NON-COMBUSTIBLE OR HAVE A FLAME SPREAD RATING OF NOT MORE THAN 25 AND A SMOKE DEVELOPED RATING NOT MORE THAN 50.	
P. WHERE NEW WORK INTERFERS WITH EXISTING CIRCUITS THAT ARE OTHERWISE UNDISTURBED, EXISTING CIRCUITS SHALL BE REWORKED AS REQUIRED TO MAINTAIN SERVICE.		P. COORDINATE INSTALLATION OF ELECTRICAL WORK WITH OTHER TRADES. INSTALL AT THE GREATEST POSSIBLE CLEARANCE FOR INSTALLATION OF OTHER TRADES. TRADES WITH REQUIRED SLOPES SHALL HAVE PLACEMENT PRIORITY. WHERE POSSIBLE RACEWAYS SHALL BE ROUTED THROUGH TRUSSES.	
Q. WHERE UNUSED BACKBOXES ARE LEFT ABANDONED IN PLACE, PROVIDE BLANK COVERPLATES MATCHING THE COVERPLATES FOR DEVICES IN THE AREA. WHERE POSSIBLE THESE BOXES SHALL BE REMOVED.		Q. ALL LOW VOLTAGE CABLING (FIBER, CATV, TELEPHONE, DATA/NETWORK, ETC.) SHALL BE PROVIDED BY OTHERS UNLESS OTHERWISE NOTED. ALL CABLING SHALL BE PLENUM RATED.	
R. COORDINATE THE REMOVAL OF ALL MECHANICAL AND PLUMBING EQUIPMENT WITH THE RESPECTIVE CONTRACTOR. REMOVE ALL POWER CONNECTIONS AND CONTROL WIRING. IF CONDUIT CANNOT BE REUSED FOR FUTURE EQUIPMENT, REMOVE CONDUIT BACK TO PANELBOARD.		R. ALL CONDUITS THAT PENETRATE AN EXTERIOR WALL SHALL BE SEALED AIR TIGHT INSIDE THE CONDUIT, TO PREVENT COLD AIR AND WARM AIR FROM MISSING INSIDE THE CONDUIT.	
S. CIRCUITS AND ROUTINGS IN REMODELED AREAS MAY BE MODIFIED FOR FIELD CONDITIONS. MAKE EVERY EFFORT TO KEEP THE CIRCUITING AS CLOSE AS INDICATED TO AVOID OVERLOADING CIRCUITS, MAINTAINING CONTROLLABILITY, ETC.		S. ELECTRICAL SERVICE SHALL BE CLOCKWISE ROTATION.	
T. REMOVE ALL EXISTING TELEPHONE/DATA/NETWORK/SECURITY CABLING UNLESS OTHERWISE NOTED.		T. DEFINITIONS: 1. PROVIDE - CONTRACTOR SHALL FURNISH AND INSTALL. 2. FURNISH - CONTRACTOR SHALL OBTAIN FOR OTHERS TO INSTALL. 3. INSTALL - CONTRACTOR IS RESPONSIBLE FOR ALL LABOR AND CONSTRUCTION EQUIPMENT NECESSARY TO SET IN PLACE, CONNECT, CALIBRATE.	
U. WHERE EQUIPMENT IS REMOVED FROM A LOCATION WHICH PENETRATES A FIRE RATED ELEMENT, PROVIDE THE APPROPRIATE FIRE STOPPING MATERIALS SUCH THAT THE RATING OF THE ELEMENT WILL BE MAINTAINED.		U. REFER TO ARCHITECTURAL PLANS AND INTERIOR ELEVATIONS FOR ALL WALL FIXTURE MOUNTING HEIGHTS AND INSTALLATION DETAILS.	
		V. ALL CONDUITS THAT TERMINATE INSIDE MECHANICAL EQUIPMENT SHALL BE SEALED AIR TIGHT TO PREVENT AIR FROM TRANSFERRING THROUGH THE CONDUIT.	
		W. "CLEAN" POWER SHALL BE DEFINED AS ALL POWER DERIVED FROM THE UPS SYSTEM. "DIRTY" POWER SHALL BE DEFINED AS UTILITY POWER WITHOUT ANY POWER CONDITIONING.	
		X. ELECTRICAL CONDUITS SHALL BE CONCEALED FROM PUBLIC VIEW. WHERE THE SPACE IS OPEN TO STRUCTURE THE CONDUITS SHALL BE ROUTED ABOVE THE BOTTOM FLANGE OF STRUCTURAL BEAMS. CONDUITS SHALL NOT BE ROUTED THROUGH THE VOID AREA CREATED BY THE CROWNS OF THE CORRUGATED ROOF DECKING PER THE ADOPTED ELECTRICAL CODE. CONDUITS SHALL NOT BE ROUTED THROUGH OPEN SPACES WHERE THEY CAN BE SEEN FROM THE FINISHED FLOOR. ALL CONDUITS NOT CONCEALED FROM PUBLIC VIEW WILL BE REMOVED AND RE-ROUTED AT THE CONTRACTOR'S EXPENSE.	

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



PROFESSIONAL SEAL

ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**
Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
Owner

HARRISONVILLE
READINESS CENTER

1503 SOUTH JEFFERSON
PARKWAY
HARRISONVILLE, MO
64701

PROJECT # 023-05260
SITE #
FACILITY #

No.	Date	Description

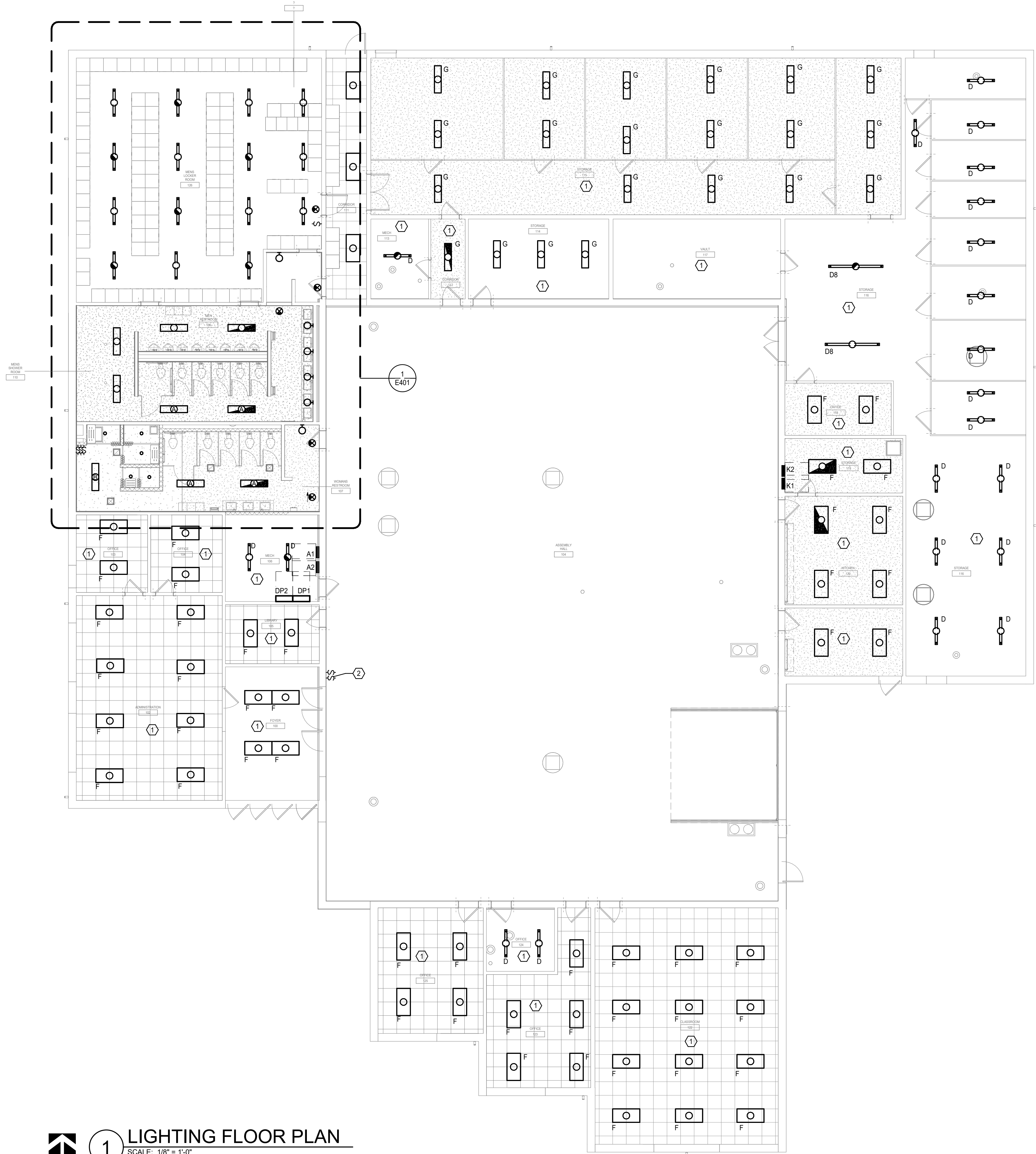
ISSUE DATE: 07/09/2025
CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:
GENERAL
ELECTRICAL
INFORMATION

SHEET NUMBER:
E001
24 OF 30 SHEETS
7/8/2025 10:36:01 AM

7/8/2025 10:36:02 AM



1

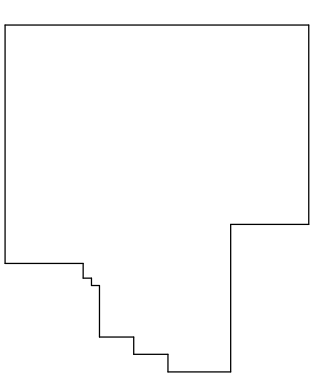
LIGHTING FLOOR PLAN

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

ELECTRICAL KEYNOTES

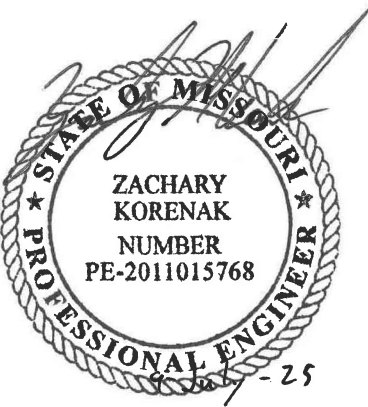
- LED LIGHTING UPGRADES: REPLACE EXISTING LIGHTING IN THIS AREA WITH NEW LED FIXTURE. MAINTAIN EXISTING LIGHTING CIRCUIT AND CONTROLS.
- PROVIDE LOW VOLTAGE SWITCHES TO CONTROL ASSEMBLY HALL LIGHTS. SWITCHES TO CONTROL EVERY OTHER ROW OF LIGHTS. PROVIDE SURFACE MOUNTED CONDUIT AND JUNCTION BOXES.

KEY PLAN



NORTH

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
Owner

HARRISONVILLE
READINESS CENTER

1503 SOUTH JEFFERSON
PARKWAY
HARRISONVILLE, MO
64701

PROJECT # 023-05260

SITE #

FACILITY #

No.	Date	Description

ISSUE DATE: 07/09/2025

CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

LIGHTING FLOOR
PLAN

SHEET NUMBER:

E101

25 OF 30 SHEETS
7/8/2025 10:36:02 AM

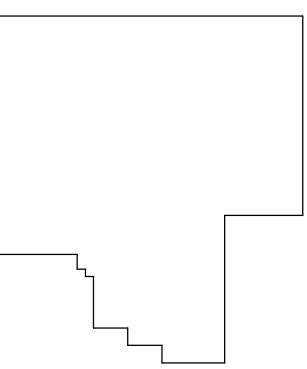


Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

No.	Date	Description

26 OF 30 SHEETS
7/8/2025 10:36:03 AM

- 1 HVAC UPGRADE: EXTEND EXISTING WIRE AND CONDUIT TO NEW HVAC EQUIPMENT.
- 2 WATER HEATER UPGRADE: REPLACE EXISTING WATER HEATER. REUSE EXISTING WATER HEATER CIRCUIT AND BREAKER FOR NEW WATER HEATER.
- 3 KITCHEN VENTILATION: NEW EXHASUT FAN. PROVIDE NEW 20A 120V BREAKER AT NEAREST 120/240V PANEL. PROVIDE NEW WIRES AND CONDUIT TO NEW EQUIPMENT. PROVIDE (2#12 E1)1#12GND IN 1"2" CONDUIT.
- 4 REMOVE ALL DEVICE/EQUIPMENT ON THIS WALL. REINSTALL DEVICES/EQUIPMENT ONCE PLUMBING WORK IS COMPLETE.



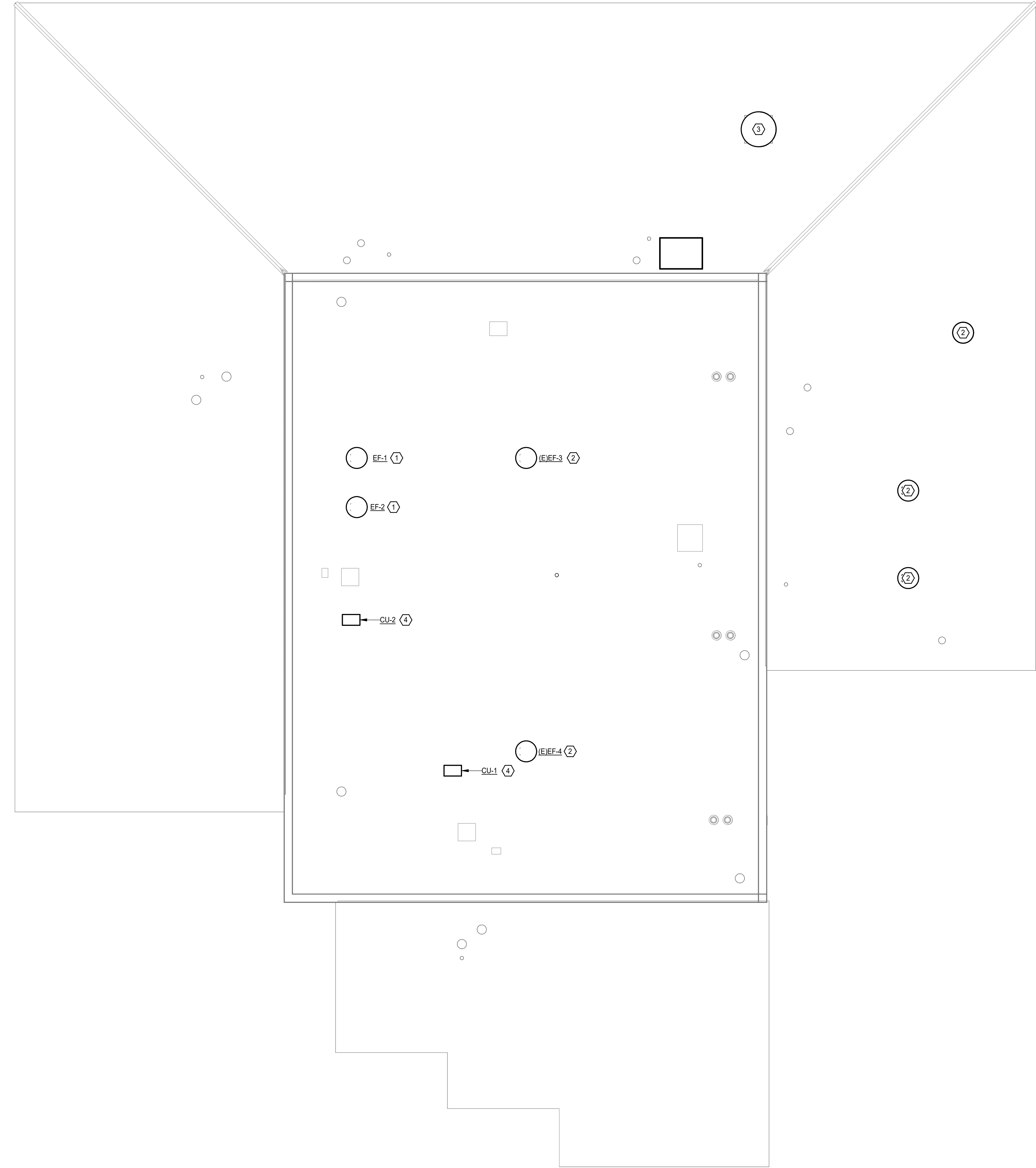
NORTH



1 POWER FLOOR PLAN

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

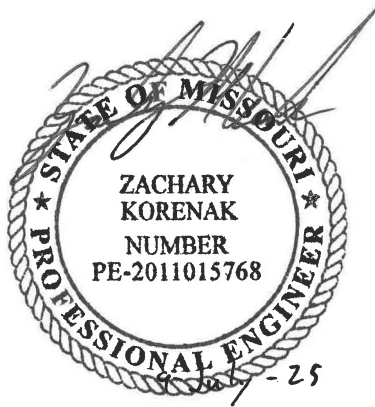
7/8/2025 10:36:04 AM



ELECTRICAL KEYNOTES

- 1 RESTROOM UPGRADES: REPLACE EXISTING EXHAUST FAN. EXTEND EXISTING WIRE AND CONDUIT TO NEW EXHAUST FAN.
- 2 ROOF REPLACEMENT: REMOVE AND RECONNECT EXISTING HVAC EQUIPMENT AFTER ROOF REPLACEMENT.
- 3 ROOF REPLACEMENT: REMOVE EXISTING HVAC EQUIPMENT. REMOVE WIRE AND CONDUIT BACK TO ELECTRICAL PANEL.
- 4 HVAC UPGRADE: EXTEND EXISTING WIRE AND CONDUIT TO NEW HVAC EQUIPMENT.

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
Owner

HARRISONVILLE
READINESS CENTER

1503 SOUTH JEFFERSON
PARKWAY
HARRISONVILLE, MO
64701

PROJECT # 023-05260
SITE #
FACILITY #

No.	Date	Description

ISSUE DATE: 07/09/2025

CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

POWER - ROOF

SHEET NUMBER:

E103

27 OF 30 SHEETS
7/8/2025 10:36:04 AM



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

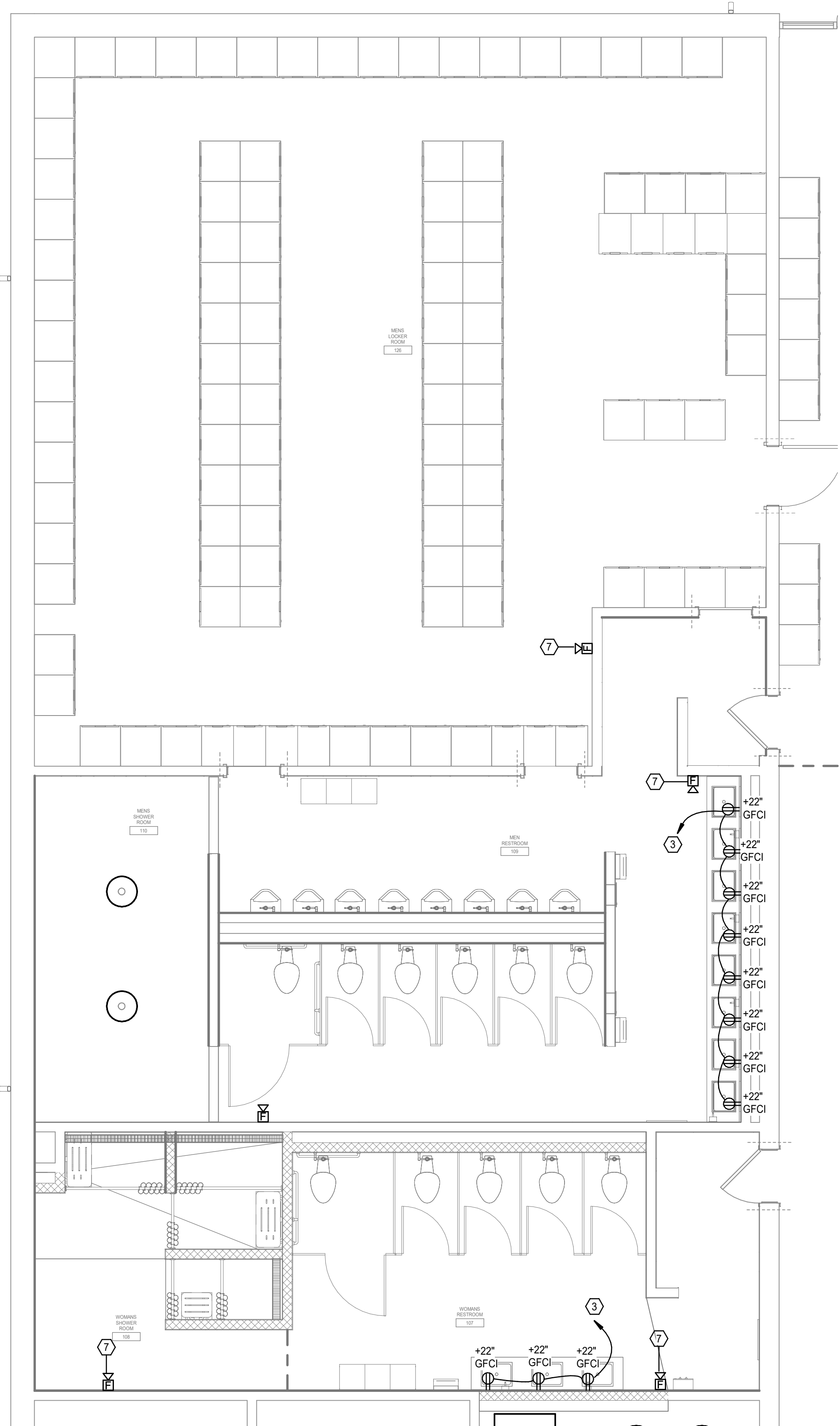
7/8/2025 10:36:05 AM



2

ENLARGED RESTROOM POWER PLAN

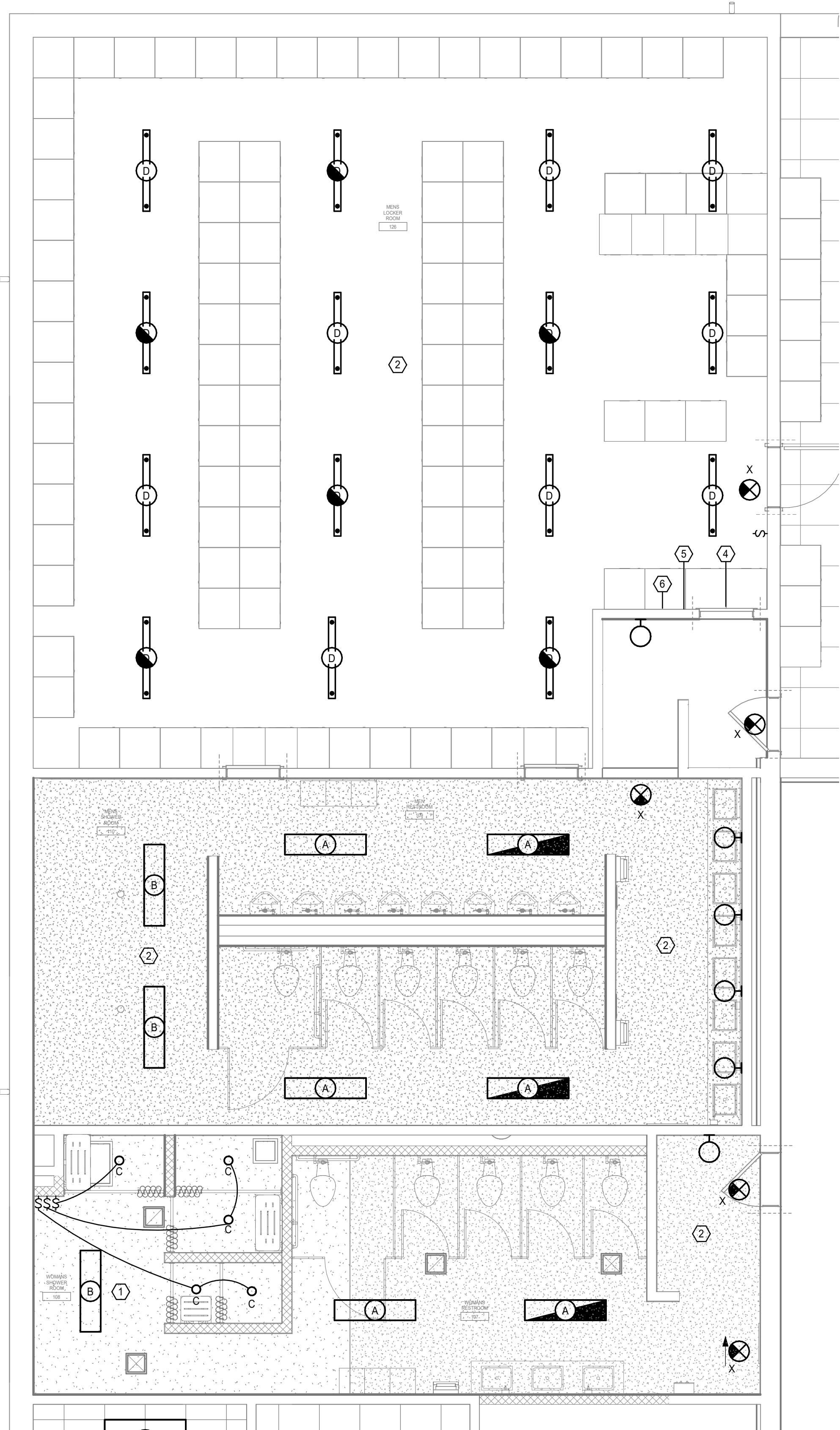
SCALE: 1/4" = 1'-0"



1

ENLARGED RESTROOM LIGHTING PLAN

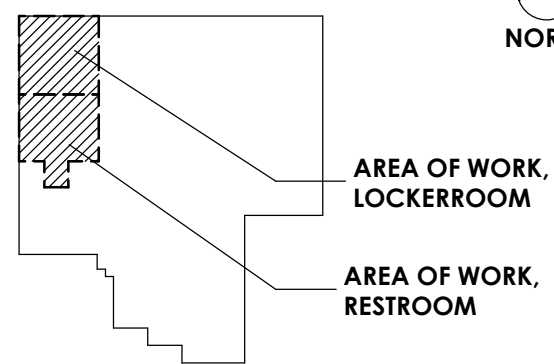
SCALE: 1/4" = 1'-0"



ELECTRICAL KEYNOTES

- 1 RESTROOM UPGRADES: PROVIDE NEW LIGHTING IN WOMEN'S SHOWER AREA. CONNECT LIGHTING TO EXISTING CIRCUIT SERVING WOMEN'S RESTROOM. VERIFY NEW LOAD WILL NOT OVERLOAD EXISTING CIRCUIT.
- 2 RESTROOM UPGRADES: REPLACE EXSTING LIGHTING IN THIS AREA WITH NEW LED FIXTURE. MAINTAIN EXISTING CIRCUITS AND CONTROLS.
- 3 CONNECT NEW OUTLETS TO SPARE 20A 120V BREAKER IN EXISTING 120/240V PANEL. PROVIDE NEW BREAKER AS NEEDED. SURFACE MOUNTED BOXES AND CONDUIT.
- 4 EXISTING EXIT SIGN TO BE RELOCATED. EXTEND CONDUIT TO NEW LOCATION
- 5 EXISTING LIGHT SWITCH TO BE ABANDONED. PROVIDE A BLANK PLATE.
- 6 EXISTING EXHASUT FAN SWITCH, BOX AND CONDUIT TO BE DEMOLISHED.
- 7 PROVIDE NEW FIRE ALARM DEVICES. CONNECTION NEW DEVICES TO FIRE ALARM CONTROL PANEL.

KEY PLAN



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



PROFESSIONAL SEAL



ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

DEPARTMENT OF
Owner

HARRISONVILLE
READINESS CENTER

1503 SOUTH JEFFERSON
PARKWAY
HARRISONVILLE, MO
64701

PROJECT # 023-05260

SITE #

FACILITY #

No.	Date	Description

ISSUE DATE: 07/09/2025

CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

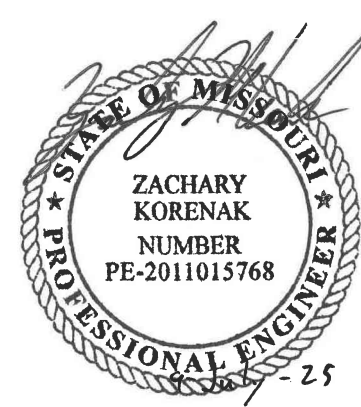
SHEET TITLE:

ENLARGED
ELECTRICAL
PLANS

SHEET NUMBER:

E401

28 OF 30 SHEETS
7/8/2025 10:36:05 AM

**PROFESSIONAL SEAL**

ARCHITECTURAL
Wellner Architects + Engineers
1627 Main Street #100
Kansas City, MO 64108
816.221.0017

**MECHANICAL, ELECTRICAL, PLUMBING,
FIRE ALARM, FIRE SPRINKLER, &
INFORMATION TECHNOLOGY**

Olsson
1301 Burlington Street
North Kansas City, MO 64116
816.361.1177

**OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION**

DEPARTMENT OF
Owner

HARRISONVILLE READINESS CENTER

**1503 SOUTH JEFFERSON
PARKWAY
HARRISONVILLE, MO
64701**

PROJECT # 023-05260
SITE #
FACILITY #

[illegible]

ISSUE DATE: 07/09/2025

CAD DWG FILE:

DRAWN BY: KP
CHECKED BY: JB
DESIGNED BY: KP

SHEET TITLE:

ELECTRICAL SCHEDULES

SHEET NUMBER:

E701

30 OF 30 SHEETS
7/8/2025 10:36:06 AM

[illegible]

PANEL K2 VOLTAGE None MCB OR MLO MCB FED FROM DP2				PHASE BUS RATING 225 A AIC RATING AVAILABLE SHORT CKT....										LOCATION STORAGE 119 MOUNTING RECESSED NO. OF POLES 42			
NOTE	LOAD DESCRIPTION		AMP	P	CKT. NO.	A		B		C		CKT. NO.	P	AMP	LOAD DESCRIPTION		NOTE
	KITCHEN CABINET HEATER		20 A	3	1	0	0					2	3	20 A	SCULLERY CABINET HEATER		
--			--	--	3			0	0			4	--	--			--
--			--	--	5					0	0	6	--	--			--
	GARBAGE DISPOSAL		20 A	3	7	0	0					8	3	20 A	DISHWASHER		
--			--	--	9			0	0			10	--	--			--
--			--	--	11					0	0	12	--	--			--
	SH-1 SUPPLY FAN		20 A	3	13	0	0				0	14	3	20 A	KITCHEN FOOD TABLE		
--			--	--	15			0	0			16	--	--			--
--			--	--	17					0	0	18	--	--			--
	E-11 EXHAUST FAN		20 A	3	19	0	0					20	3	20 A	E-7 EXHAUST FAN		
--			--	--	21			0	0			22	--	--			--
--			--	--	23					0	0	24	--	--			--
	BOOSTER HEATER		20 A	3	25	0	0				0	26	3	20 A	SPARE		
--			--	--	27			0	0			28	--	--			--
--			--	--	29					0	0	30	--	--			--
	SPARE		20 A	3	31	0	0					32	3	20 A	SPARE		
--			--	--	33			0	0			34	--	--			--
--			--	--	35					0	0	36	--	--			--
	SPARE		20 A	3	37	0	--					38	1	--	SPACE		
--			--	--	39			0	--			40	1	--	SPACE		
--			--	--	41					0	--	42	1	--	SPACE		
					KVA AMPS		0	KVA AMPS		0	KVA AMPS		0				
LOAD CLASSIFICATIONS		CONNECTE D (VA)	DEMAND FACTOR	DEMAND (VA)	NOTES:												
					CONNECTED LOAD: 0 Not...												
					MAXIMUM DEMAND: 0 Not...												

ONLY NEW LOAD SHOWN IN PANEL SCHEDULE. ALL OTHER LOADS ARE EXISTING TO REMAIN.

PANEL A1

VOLTAGE 120/240V

MCB OR MLO MCB

FED FROM DP1

PHASE BUS BAR

225 A

AIC RATING

AVAILABLE SHORT CKT...

LOCATION MECH 106

MOUNTING SURFACE

NO. OF POLES 42

NOTE	LOAD DESCRIPTION	AMP	P	CKT. NO.	A		B		CKT. NO.	P	AMP	LOAD DESCRIPTION	NOTE
	LTG - L.C 130, MECH 129	20 A	1	1	0	0			2	1	20 A	LTG - LIBRARY 128	
	LTG - CLASSROOM 126	20 A	1	3			0	0	4	1	20 A	LTG - CLASSROOM 126	
	REC - CLASSROOM 126	20 A	1	5	0	0			6	1	20 A	S HEATER - DRILL HL	
	N LTG - DRILL HALL	20 A	1	7			0	0	8	1	20 A	LTG - D.H. S TWO ROWS	
	LTG - D.H. S TWO ROW	20 A	1	9	0	0			10	1	20 A	REC - 100, 102, E 101	
	REC - ADM W. 101	20 A	1	11			0	0	12	1	20 A	REC - L.C. 130, W.D.H	
	REC-L 128, MECH 129	20 A	1	13	0	0			14	1	20 A	LTS - 102, 100, 101 (1)	
	LTS - ADM. 101, W ROW	20 A	1	15			0	0	16	1	20 A	DRILL HALL - MIDDLE R	
	DRILL HALL - MIDDLE R	20 A	1	17	0	0			18	1	20 A	REC 103 / OFF 104/105	
	S-1 SUPPLY UNIT FURNACES	20 A	1	19			0	0	20	1	20 A	LTG - 103, OFF 104/105	
	LTS-103, OF 104/105	20 A	1	21	0	0			22	1	20 A	LTG - D.H. N TWO ROWS	
	LTG - D.H. N TWO ROWS	20 A	1	23			0	0	24	1	20 A	REC - 106, 108 & W. FTN	
	REC - MEN 114, 110	20 A	1	25	0	0			26	1	20 A	LTG - EXIT & EMERGENCY	
	LTG - MEN L R / B HALL	20 A	1	27			0	0	28	1	20 A	LTG - 118, 119, AV 120	
	HTRS - 119, NW DR HL	20 A	1	29	0	893			30	1	20 A	LTG - MEN 109, 126, WM RR 107	
	LTS - MEN L R 114	20 A	1	31			0	0	32	1	20 A	S-2 SUPPLU UNIT FURNACE	
	OUTDOOR LTG	20 A	2	33	0	0			34	1	20 A	PHONE PLUG	
--	--	--	--	35			0	0	36	1	20 A	LTG - RIFLE RANGE	
	LIGHTS FOR TARGET	20 A	1	37	0	0			38	1	20 A	LIGHTS FOR TARGET	
	LIGHTS FOR TARGET	20 A	1	39			0	0	40	1	20 A	FIING RANGE, PLUS SIGN LIGHTS	
	TARGET LINE LIGHTS	20 A	1	41	0	0			42	1	20 A	EMERGENCY CIRCUIT	
					KVA AMPS	0.893 2	KVA AMPS	0 0					

LOAD CLASSIFICATIONS

Lighting

CONNECTE D (VA)

893 VA

DEMAND FACTOR

125.00%

DEMAND (VA)

1116 VA

CONNECTED LOAD: 0.893

MAXIMUM DEMAND: 1.11625

4

5

NOTES:

GFCI - GROUND FAULT CIRCUIT INTERRUPTING TYPE CIRCUIT...

[illegible]