

USB ROOF REPLACEMENT & LATRINE RENOVATION

CHILlicothe READINESS CENTER

Chillicothe, Missouri



OWNER: STATE OF MISSOURI
MIKE KEHOE
GOVERNOR

MISSOURI ARMY NATIONAL
GUARD

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



PROJECT LOCATION
CHILlicothe READINESS CENTER
1500 WASHINGTON ST.
CHILlicothe MO, 64601

DESIGNER: CLARK & ENERSEN

PROJECT NUMBER: T2519-01

SITE NUMBER: 6252

FACILITY NUMBER: 8136252002

Certificate of Authority to Offer Architectural Services: #A-2005030713-F
Certificate of Authority to Offer Engineering Services: #E-2005030491-F
Certificate of Authority to Offer Landscape Architectural Services: #LA-2005029859-D

SHEET NUMBER:

G-000

7/31/2026
1 OF 35 SHEETS

REFERENCE SYMBOLS

1 VIEW NAME

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

NORTH ARROW

DETAIL OR SECTION NUMBER
SHEET ON WHICH IT IS FOUND

SECTION REFERENCE

DETAIL REFERENCE

ELEVATION REFERENCE

DETAIL SECTION REFERENCE

ELEVATION REFERENCE

DOOR/OPENING IDENTIFIER

WINDOW/OPENING IDENTIFIER

WALL TYPE REFERENCE

EXTERIOR WALL TYPE REFERENCE

FLOOR TYPE REFERENCE

NOTES - PLANS, RCP, ROOF, ELEVATIONS

NOTES - DEMOLITION

ROOM IDENTIFIER

MATCHLINE

GRAPHIC SCALE

REVISION TAG & CLOUD INDICATOR

REVISION TAG INFORMATION:

TOP indicates the instrument type

A = Addendum

B = Bid Package

D = Construction Change Directive or Change Directive

F = Field Order

G = Guaranteed Maximum Price

I = Architects Supplemental Instructions or Architects Supplemental information

L = Limited Permit

P = Proposal Request, Proposal Request Order or Change Proposal Request

R = Request For Information

BOTTOM indicates consecutive number assigned to instrument type.

GENERAL NOTES

- ALL DISCIPLINES SHALL BE RESPONSIBLE FOR THEIR SCOPE OF WORK. THIS WORK IS TO BE SCHEDULED AND COMPLETED WITH THE GENERAL CONTRACTOR'S FULL KNOWLEDGE.
- ALL DIMENSIONS LOCATING PLUMBING FIXTURES ARE FROM FINISH MATERIAL NOT FROM GPDW SHEATHING.
- FINAL CLEANING - REMOVE OR REPAIR DAMAGED OR SOILED SPOTS ON NEWLY PAINTED WALLS AND ON ALL NEWLY INSTALLED WORK. REMOVE DUST AND DEBRIS FROM ALL NEW WORK.

STANDARD ABBREVIATIONS

A/E	ARCHITECT/ENGINEER
AB	ANCHOR BOLT
ABBR	ABBREVIATE
ABV	ABOVE
AC	AIR CONDITIONING
ACID RES	ACID-RESISTANT
ACOUS	ACOUSTICAL
ACOUS INSUL	ACOUSTICAL INSULATION
ACOUS PLAS	ACOUSTICAL PLASTER
ACOUS PNL	ACOUSTICAL PANEL
ACOUS TILE	ACOUSTICAL TILE
ACT	ACTUAL
AD	AREA DRAIN
ADC	AUTOMATIC DOOR CLOSER
ADDL	ADDITIONAL
ADDM	ADDENDUM
ADJ	ADJUSTABLE
ADJC	ADJACENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AGGR	AGGREGATE
AHR	ANCHOR
AHU	AIR HANDLING UNIT
ALD	ALUMINUM DOOR
ALM	ALARM
ALT	ALTERNATE
ALUM	ALUMINUM
AMPL	AMPLIFIER
AMT	AMOUNT
ANN	ANNUNCIATOR
ANOD	ANODIZED
ANT	ANTENNA
AP	ACCESS PANEL
APC	ACOUSTICAL PANEL CEILING
APPX	APPENDIX
ARCH	ARCHITECT (URAL)
ASB	ASBESTOS
ASC	ABOVE SUSPENDED CEILING
ASPH	ASPHALT
AV	AUDIO VISUAL
AWC	ACOUSTICAL WALL COVERING
AWP	ACOUSTICAL WALL PANEL
BAL	BALANCE
BB	BULLETIN BOARD
BD	BOARD
BEV	BEVEL
BFF	BELOW FINISH FLOOR
BFP	BACKFLOW PREVENTER
BITUM	BITUMINOUS
BJT	BED JOINT
BL	BASE LINE
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BLKHD	BULKHEAD
BM	BEAM
BO	BOTTOM OF
BOC	BACK OF CURB
BOV	BOTTOM OF WALL
BP	BASE PLATE
BRG	BRACING
BRG	BEARING
BRG PL	BEARING PLATE
BRK	BRICK
BRKT	BRACKET
BRs	BRASS
BRZ	BRONZE
BTM	BOTTOM
BW	BOTH WAYS
C&G	CURB AND GUTTER
CIC	CENTER TO CENTER
CAB	CABINET
CAV	CAVITY
CB	CATCH BASIN
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CEM PLAS	CEMENT PLASTER
CER	CERAMIC
CER TILE	CERAMIC TILE
CFLG	COUNTER FLASHING
CG	CORNER GUARD
CHAN	CHANNEL
CHFR	CHAMFER
CHK	CHECK
CI	CAST IRON
CIP	CAST IN PLACE
CIR	CIRCLE
CJ	CONTROL JOINT
CLG	CEILING
CLG DIFF	CEILING DIFFUSER
CLG HT	CEILING HEIGHT
CLL	CONTRACT LIMIT LINE
CLOS	CLOSET
CLR	CLEAR
CLSR	CLOSURE
FTG	FOOTING
CMPS	COMPOSITE
CMU	CONCRETE MASONRY UNIT
CNR	CORNER
CNTR	COUNTER
CO	CLEANOUT
COL	COLUMN
COMM	COMMERCIAL
CONC	CONCRETE
CONC FL	CONCRETE FLOOR
CONF	CONFERENCE
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CPRS	COMPRESSIBLE
CPT	CARPET
CRCMF	CIRCUMFERENCE
CRS	COLD ROLLED STEEL
CSG	CASING
CSMT	CASEMENT

CSWK	CASEWORK
CT	CERAMIC TILE
CTV	CABLE TELEVISION
CUB	CUBICLE
CUR	CURRENT
CW	COLD WATER
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DF	DRAPERY FABRIC
DFR	DOOR FRAME
DIA	DIAMETER
DIM	DIMENSION
DIST	DISTANCE
DIV	DIVIDER
DIW	DEIONIZED WATER
DJ	DOUBLE JOIST
DL	DEAD LOAD
DMPF	DAMP-PROOFING
DN	DOWN
DR	DOOR
DR	DOOR
DRCLR	DOOR CLOSURE
DS	DOWNSPOUT
DST	DOOR STOP
DT	DRAIN TILE
DUP	DUPLICATE
DVTL	DOVETAIL
DWG	DRAWING
DWL	DOWEL
DWR	DRAWER
E	EAST
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
EMER	EMERGENCY
EMER SHR	EMERGENCY SHOWER
ENCL	ENCLOSURE
ENGR	ENGINEER
ENTR	ENTRANCE
EO	ELECTRICAL UNIT
EP	ELECTRICAL PANEL
EPS	EXPANDED POLYSTYRENE
EPX	EPOXY FLOOR
EQ	EQUAL
EQ SP	EQUALLY SPACED
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
ERECT	ERECTION
LF	LINEAR FOOT
ESCAL	ESCALATOR
EST	ESTIMATE
EXG	EXISTING
EXH FN	EXHAUST FAN
EXP	EXPANSION
EXSP	EXPOSED
EXST	EXISTING
EXST GR	EXISTING GRADE
EXT	EXTENSION
EXTN	EXTENSION
F BRK	FIRE BRICK
FF	FACE TO FACE
FBD	FIBERBOARD
FC	FIRE COATED
FD	FLOOR DRAIN
FDN	FOUNDATION
FEC	FIRE EXTINGUISHER CABINET
FF	FACTORY FINISH
FFE	FINISH FLOOR ELEVATION
FGL	FIBERGLASS
FIN	FINISH
FIN FL	FINISH FLOOR
FIN GR	FINISH GRADE
FL	FLASHING
FLDG	FOLDING
FLG	FLANGE
FLR	FLOOR
FLR FIN	FLOOR FINISH
FLR PL	FLOOR PLATE
FLR SK	FLOOR SINK
FLT GL	FLOAT GLASS
FLUOR	FLOUORESCENT
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FPL	FIREPLACE
FRF	FIREPROOFING
FRM	FRAME
FRNT	FRONT
FS	FAR SIDE
FS	FLAT SCREEN
FSS	FULL SIZE
FSP	FIRE STANDPIPE
FSTNR	FASTENER
FTG	FOOTING
FURR	FURRING
FUT	FUTURE
FXTR	FIXTURE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GDRL	GUARD RAIL
GENL	GENERAL
GFI	GROUND FAULT INTERRUPTER
GL	GLASS
GL BLK	GLASS BLOCK
GLZ	GLAZING
GLZ CMU	GLAZED CONCRETE MASONRY UNIT
GND	GROUND
GPDW	GYPSUM DRY WALL
GR	GRADE
GR BM	GRADE BEAM
GRTG	GRATING
GUT	GUTTER
GYP	GYPSUM
GYP PLAS	GYPSUM PLASTER
H	HIGH

H&CW	HOT AND COLD WATER
HB	HOSE BIBB
HC	HANDICAP
HC	HOLLOW CORE
HCMU	HOLLOW CONCRETE MASONRY UNIT
HD	HEAVY DUTY
HDBD	HARDBOARD
HDJT	HEAD JOINT
HDR	HEADER
HGT	HEIGHT
HLB	HORIZONTAL LOUVER BLINDS
HM	HOLLOW METAL
HMD	HOLLOW METAL DOOR
HMF	HOLLOW METAL FRAME
HNDRL	HAND RAIL
HO	HOLD-OPEN
HORIZ	HORIZONTAL
HR	HOUR
HS	HIGH STRENGTH
HTG	HEATING
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HW	HOT WATER
HYD	HYDRANT
ID	INSIDE DIAMETER
IF	INSIDE FACE
INCAND	INCANDESCENT
INL	INLET
INSTL	INSTALLATION
INSUL	INSULATION
INTR	INTERIOR
INV	INVERT
INV EL	INVERT ELEVATION
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
KO	KNOCKOUT
KOP	KNOCKOUT PANEL
KPL	KICK PLATE
KWY	KEYWAY
L	LEFT
LAB	LABORATORY
LAV	LAVATORY
LB	POUND
LBR	LUMBER
LCMU	LIGHTWEIGHT CONCRETE MASONRY UNIT
LD BRG	LOAD BEARING
LDG	LOADING
LF	LINEAR FOOT
LG	LENGTH
LH	LEFT HAND
LHR	LEFT HAND REVERSE
LIN	LINEAR
LIO	LIQUID
LKR	LOCKER
LKR RM	LOCKER ROOM
LL	LIVE LOAD
LNTL	LINTEL
LOC	LOCATION
LONG	LONGITUDINAL
LRG	LARGE
LS	LUMP SUM
LT	LIGHT
LT WT	LIGHTWEIGHT
LTG	LIGHTING
LVL	LEVEL
LVR	LOUVER
LW PLAS	LIGHTWEIGHT PLASTER
LWC	LIGHTWEIGHT CONCRETE
M	METER
MAINT	MAINTENANCE
MARB	MARBLE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MBR	MARKERBOARD
MC	MEMBER
MC	METAL CLAD
MC	MOMENT CONNECTION
MDF	MEDIUM DENSITY FIBERBOARD
MDO	MEDIUM DENSITY OVERLOAD
ME	MATCH EXISTING
ME	MISCELLANEOUS EQUIPMENT
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MFG	MANUFACTURING
MFR	MANUFACTURER
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MK	MARK
ML	METAL LATH
MLDG	MOLDING
MLWK	MILLWORK
MOD	MODULE
MTD	MOUNTED
MTG	MEETING
MTL	METAL
MTR	MORTAR
MULL	MULLION
MULT	MULTIPLE
N	NORTH
N/A	NOT APPLICABLE
NEG	NEGATIVE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OIO	OUT TO OUT
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OD	OVERFLOW DRAIN

OF	OUTSIDE FACE
OFCl	OWNER FURNISHED/CONTRACTOR INSTALL
OFF	OFFICE
OFI	OWNER FURNISHED-OWNER INSTALLED
OH	OVERHEAD DOOR
OPER	OPERABLE
OPNG	OPENING
OPP	OPPOSITE
OPT	OPTIONAL
ORIG	ORIGINAL
OTA	OPEN TO ABOVE
OTS	OPEN TO STRUCTURE
OVHD	OVERHEAD
OXY	OXYGEN
OZ	OUNCE
P	PAR
PARG	PARGING
PC	PORTLAND CEMENT
PCP	PORTLAND CEMENT PLASTER
PCT	PORCELAIN TILE
PED	PEDESTAL
PERF	PERFORATED
PERIM	PERIMETER
PERM	PERMANENT
PERP	PERPENDICULAR
PF	PANEL FABRIC
PPF	PRE-FINISHED PANEL
PGBD	PEGBOARD
PH	PHASE
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLAT	PLATFORM
PLBG	PLUMBING
PLYWD	PLYWOOD
POL	POLISHED
POLY	POLYSTYRENE
POLYISO	POLYISOCYANURATE
POS	POSITIVE
PR	PAIR
PREFAB	PREFABRICATED
PRELIM	PRELIMINARY
PROJ	PROJECT
PT	PAINT
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PVG	PAVING
PVMT	PAVEMENT
PWR	POWER
QT	QUARRY TILE
QTY	QUANTITY
QUAL	QUALITY
R	RISER
RAD	RADIUS
RB	RUBBER BASE
RBR	RUBBER
RC	REINFORCED CONCRETE
RD	ROOF DRAIN
REC	RECESSED
RECD	RECEIVED
RECPT	RECEPTACLE
RECT	RECTANGULAR
REF	REFERENCE
REINF	REINFORCEMENT
REM	REMOVABLE
REQD	REQUIRED
RESIL	RESILIENT
RF	RESILIENT FLOORING
RFG	ROOFING
RFM	RECESSED FLOOR MAT
RFT	RESILIENT FLOORING TILE
RH	RIGHT HAND
RHR	RIGHT HAND REVERSE
RND	ROUND
RO	ROUGH OPENING
RST	RUBBER STAIR TREAD
RT	RUBBER TILE
RV	ROOF VENT
S	SOUTH
SALV	SALVAGE
SB	SPLASH BLOCK
SC	SOLID CORE
SCB	SCHEDULE
SCMU	SOLID CONCRETE MASONRY UNIT
SCRN	SCREEN
SD	STORM DRAIN
SECT	SECTION
SEL	SINGLE
SHR	SHOWER
SHTHG	SHEATHING
SHVL	SHELVES
SIM	SIMILAR
SJ	SLIP JOINT
SK	SINK
SLP	SLOPE
SLS	SUB-FLOOR LEVELING SYSTEM
SLV	SLEEVE
SM	SHEET METAL
SMLS	SEAMLESS
SPCL	SPECIAL
SPEC	SPECIFICATION
SPKL	SPRINKLER
SPKR	SPEAKER
SPRT	SUPPORT
SQ	SQUARE
SQFT	SQUARE FOOT
SQIN	SQUARE INCH
SS	STAINLESS STEEL
SSK	SERVICE SINK
SSM	SOLID SURFACING MATERIAL
ST	STAIN
ST	STREET
STAG	STAGGERED
STC	SOUND TRANSMISSION CLASS

STD	STANDARD
STL	STEEL
STL JST	STEEL JOIST
STL PL	STEEL PLATE
STN	STONE
STOR	STORAGE
STRUCT	STRUCTURAL
STRUCT STL	STRUCTURAL STEEL
SUPPL	SUPPLEMENT
SURF	SURFACE
SUSP	SUSPENDED
SUSP CLG	SUSPENDED CEILING
SVB	SHEET VINYL BASE
SYM	SYMBOL
SYMM	SYMMETRICAL
SYST	SYSTEM
T	TABLE
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TB	TACKBOARD
TC	TOP OF CURB
TE	TRENCH DRAIN
TECH	TECHNICAL
TEMP	TEMPORARY
TFTI	TENANT FURNISHED-TENANT INSTALLED
THK	THICK
THRES	THRESHOLD
THRU	THROUGH
TLT	TOILET
TMPD	TEMPERED
TMPD GL	TEMPERED GLASS
TNL	TUNNEL
TO	TOP OF
TOFF	TOP OF FINISH FLOOR
TOJ	TOP OF JOIST
TOL	TOLERANCE
TOS	TOP OF STEEL
TOT	TOTAL
TOW	TOP OF WALL
TRNBKL	TURNBUCKLE
TS	TENSILE STRENGTH
TS	TUBE STEEL
TV	TELEVISION
TYP	TYPICAL
UDR	UNDER
UDRLMNT	UNDERLAYMENT
UF	UPHOLSTERY FABRIC
UFD	UNDER FLOOR DUCT
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORY
UNEX	UNEXCAVATED
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SUPPLY
UR	URINAL
UTIL	UTILITY
V	VOLT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VB	VAPOR BARRIER
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIB	VIBRATION
VNR	VENEER
VOL	VOLUME
VR	VAPOR RETARDER
VWC	VINYL WALL COVERING
W	WEST
W	WITH
W/O	WITHOUT
WW	WALL TO WALL
WC	WATER CLOSET
WC	WALL COVERING
WCPT	WALL CARPET
WD	WOOD
WDD	WOOD DOOR
WDW	WINDOW
WF	WOOD FLOORING
WGL	WIRE GLASS
WH	WALL HUNG
WH	WATER HEATER
WL	WIND LOAD
WLD	WELDED
WR	WATER RESISTANT
WS	WEATHERSTRIPPING
WSCOT	WAINSCOT
WT	WEIGHT
WTR	WATER
WTRPRF	WATERPROOFING
WWW	WELDED WIRE MESH

GENERAL

- G-000 Title Sheet
- G-001 General Notes, Symbols, Abbreviations & Drawing Index
- G-020 ADA Details
- G-021 ADA Details

LANDSCAPE ARCHITECTURE

- L-101 Existing Conditions and Demolition Plan
- L-201 Site Layout Plans
- L-301 Site Grading Plans
- L-401 Site Seeding Plans
- L-501 Site Details

ARCHITECTURAL

- A-000 Wall Type Schedule & Details
- A-001 Typical Interior Stud Framing Details
- A-100 First Floor Demolition Plans
- A-101 First Floor Plan & Reflected Ceiling Plan
- A-200 Roof Demolition Plan & Roof Plan - USB Building
- A-300 Exterior Demolition Elevations - USB Building
- A-301 Exterior Elevations - USB Building
- A-400 Wall Sections - USB Building
- A-500 Interior Elevations, Schedules & Details

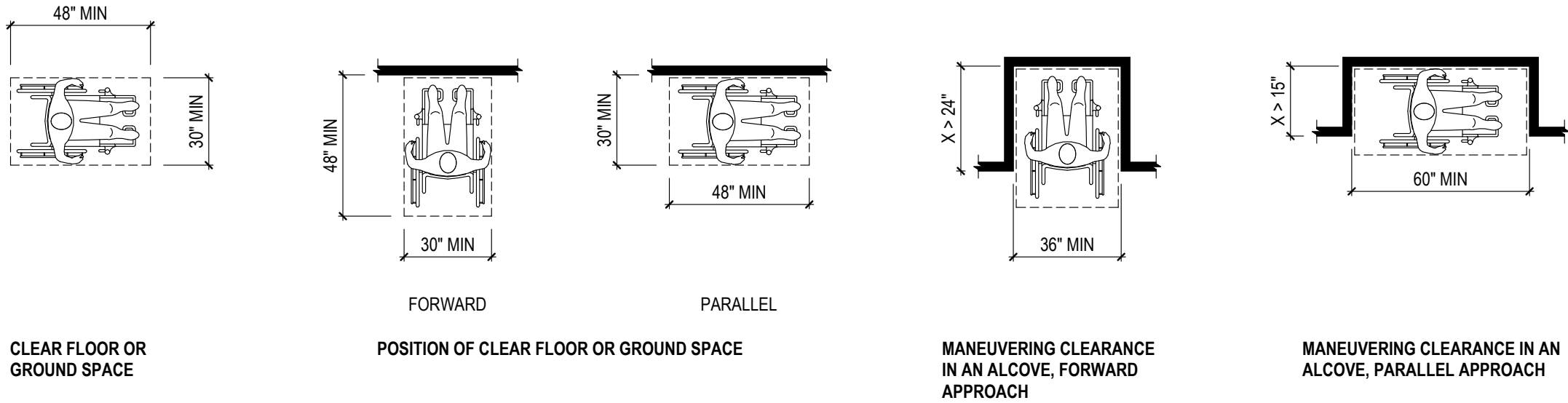
INTERIORS

- F-100 First Floor Finishes Plan

MECHANICAL

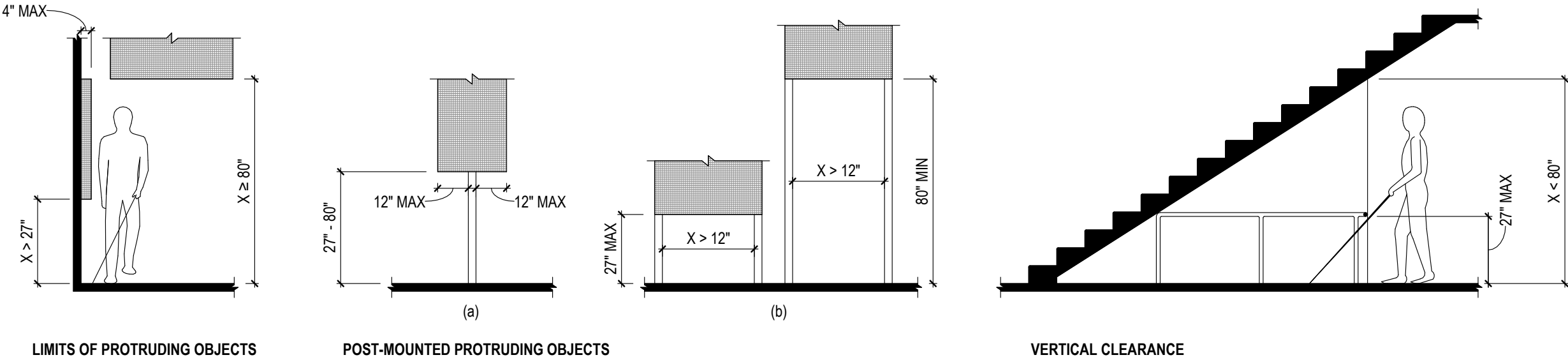
- M-000 Mechanical Abbreviations, Symbols & Notes
- M-101 First Floor HVAC Plans
- M-102 Second Floor HVAC Plans
- M-201 Mechanical Schedules, Details & Controls

PLUMBING



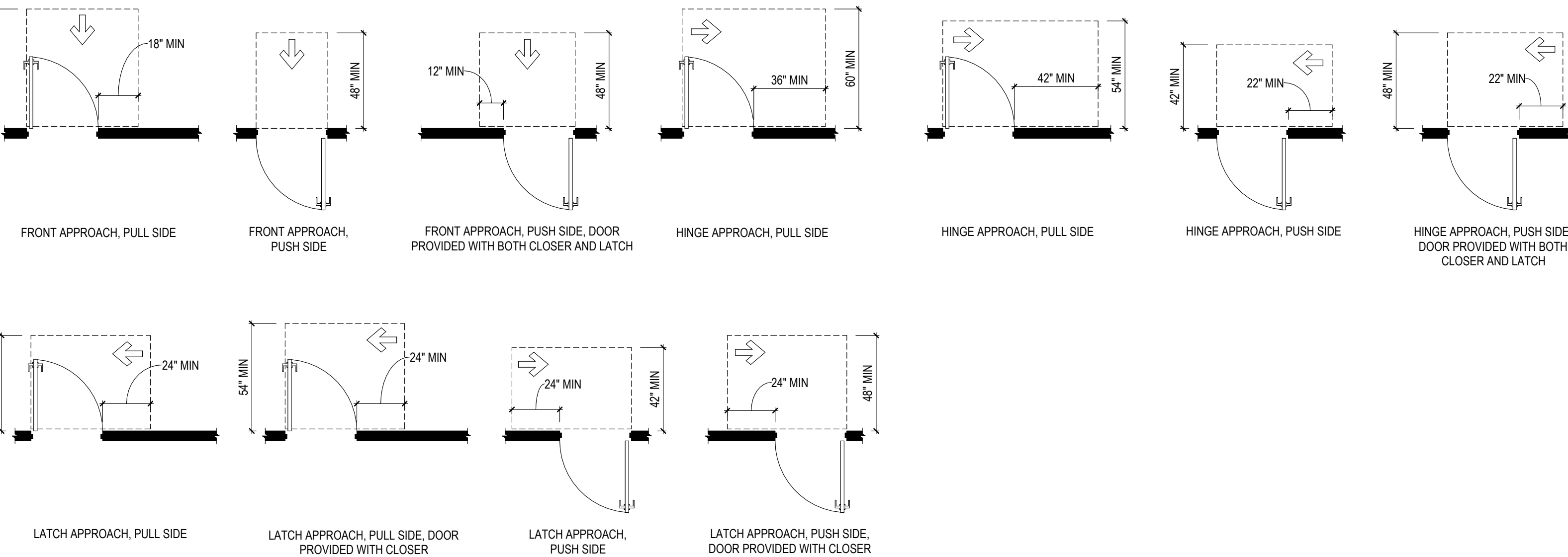
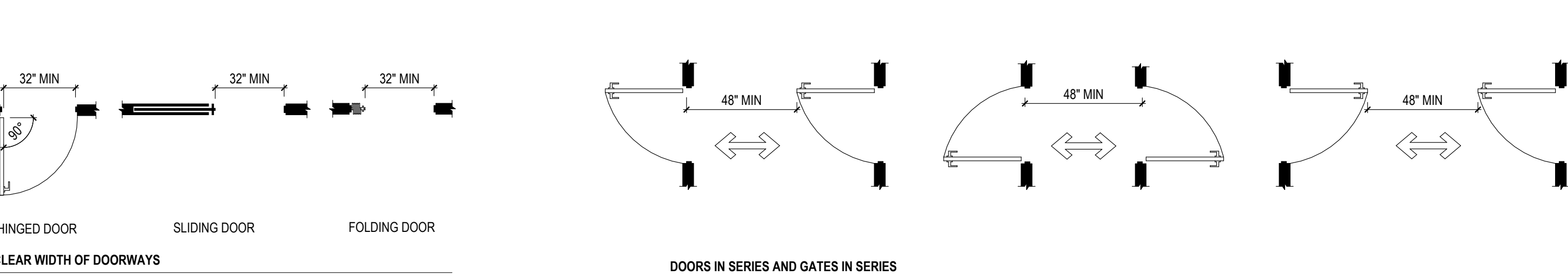
ADA - CLEAR FLOOR OR GROUND SPACE (305)

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

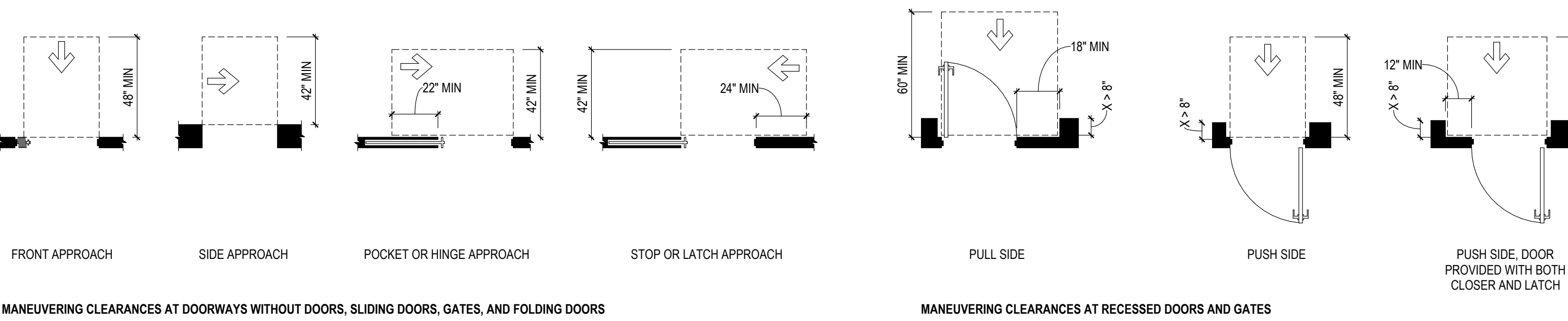


ADA - PROTRUDING OBJECTS (307)

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

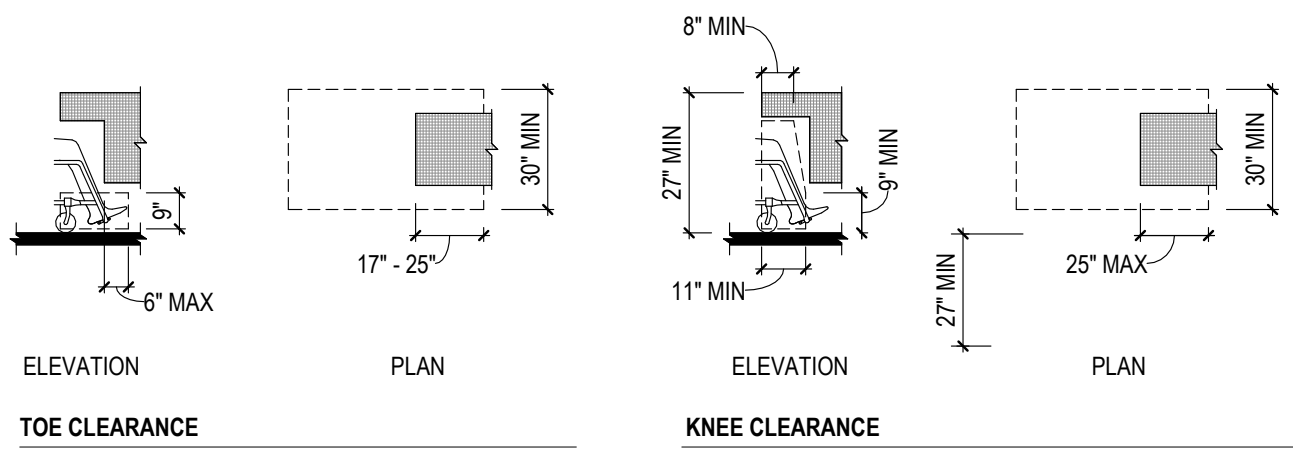


MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES



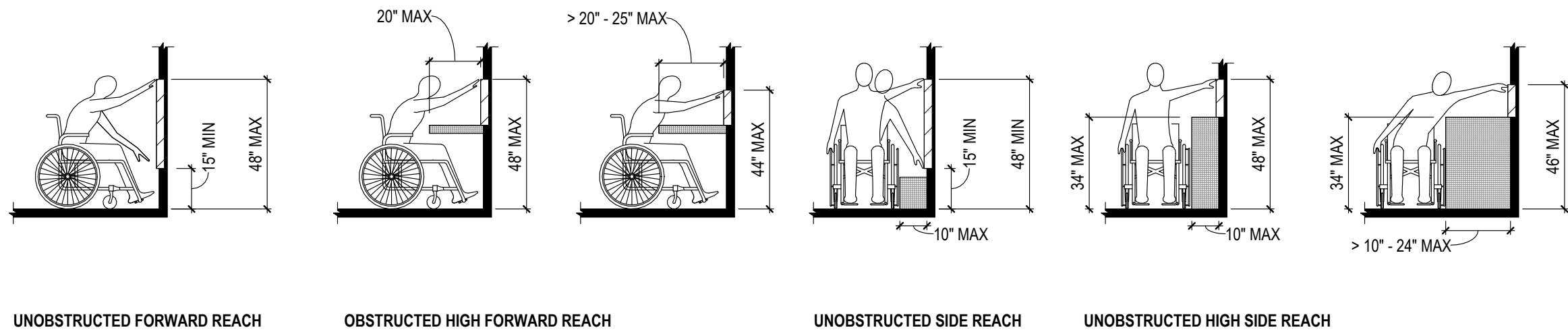
ADA - DOORS, DOORWAYS, AND GATES (404)

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



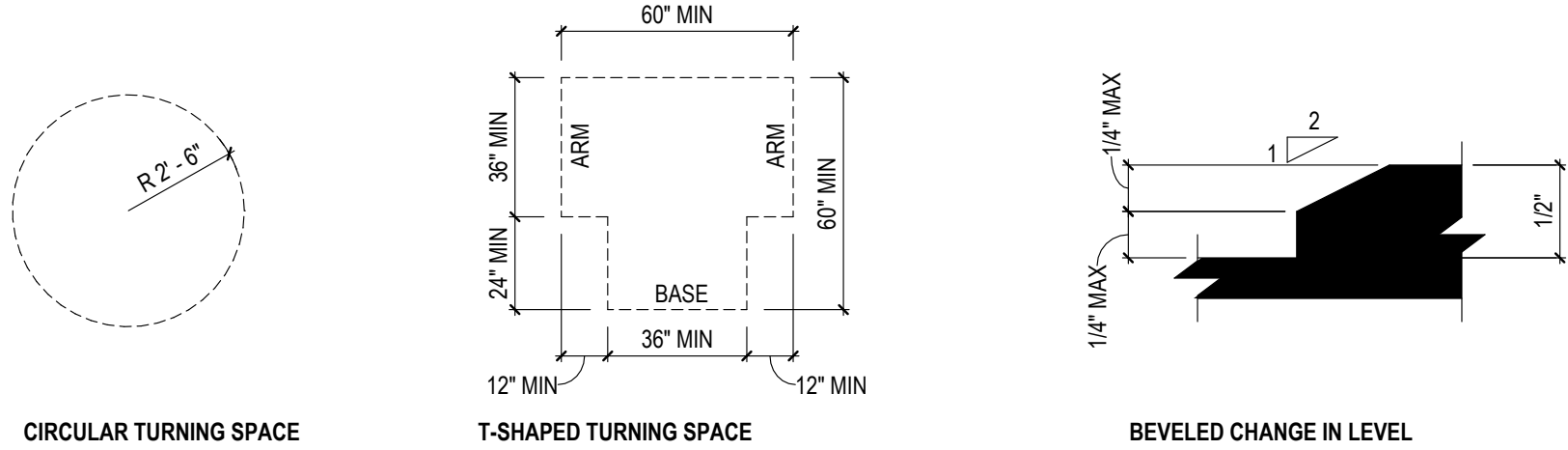
ADA - KNEE AND TOE CLEARANCE (306)

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



ADA - REACH RANGES (308)

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

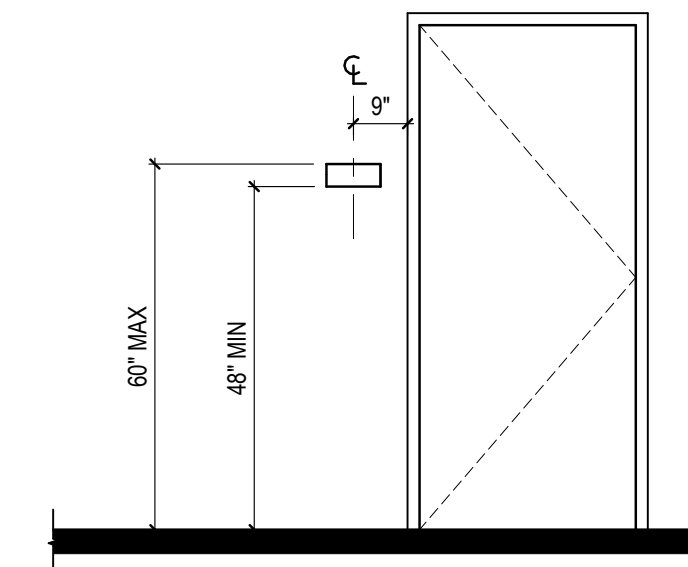


ADA - TURNING SPACE (304)

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

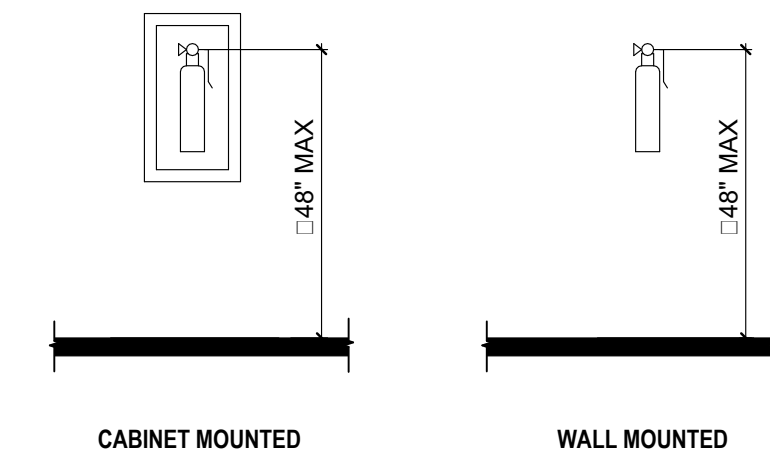
ADA - CHANGES IN LEVEL (303)

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



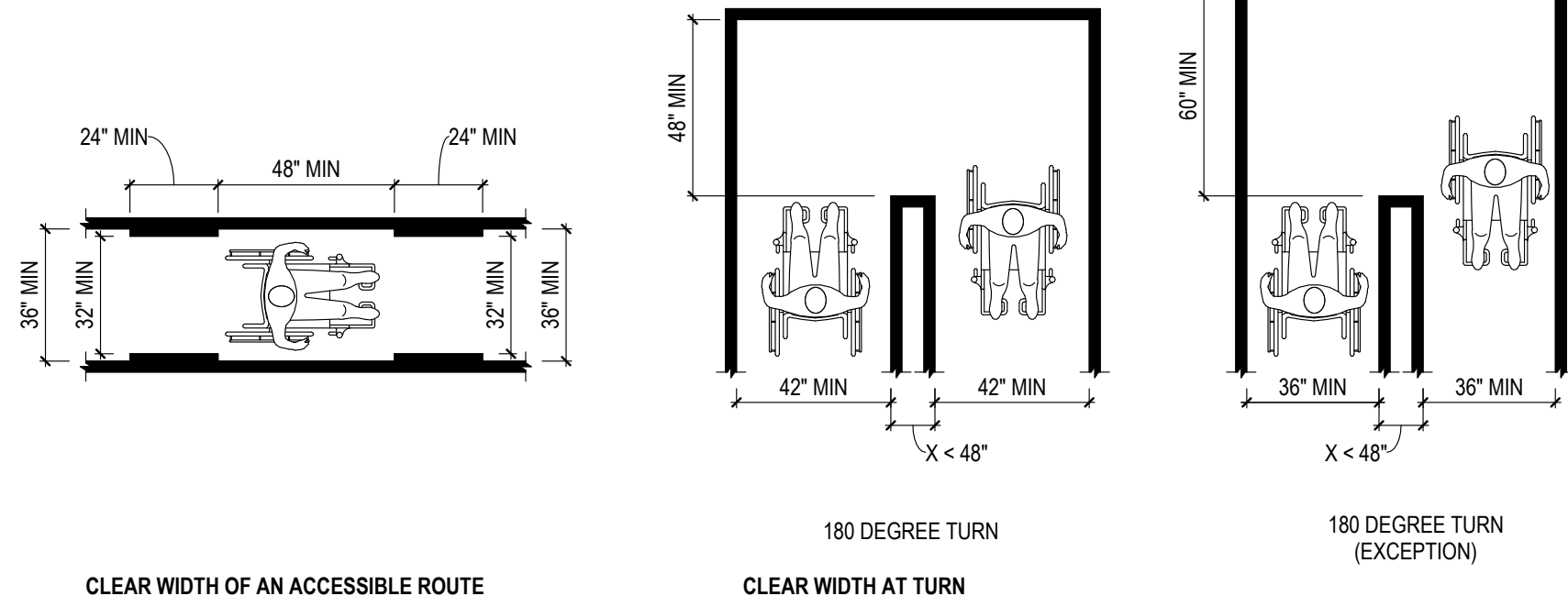
ADA - SIGNAGE MOUNTING (703)

SCALE: 3/8" = 1'-0"



ADA - FIRE EXTINGUISHERS

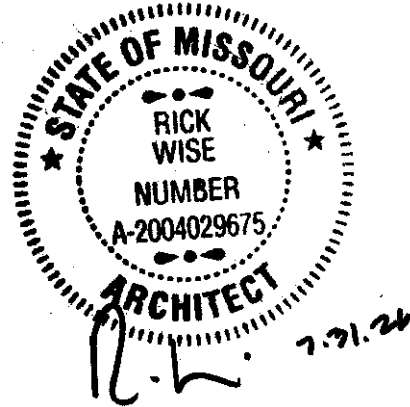
SCALE: 3/8" = 1'-0"



ADA - WALKING SURFACES (403)

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

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



PROFESSIONAL SEAL

CLARK & ENERSEN

2020 Baltimore Ave.
Suite 300
Kansas City, MO 64108
p. 816-474-8237

Certificate of Authority to Offer Architectural Services:
#A-2005030713-F
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**OFFICE OF
ADMINISTRATION
DIVISION OF FACILITIES,
MANAGEMENT, DESIGN
AND CONSTRUCTION**

**DEPARTMENT OF
PUBLIC SAFETY**

**MISSOURI ARMY
NATIONAL GUARD**

Chillicothe Readiness Center -
USB Roof Replacement &
Latrine Renovation

1500 Washington St.
Chillicothe, MO 64601

PROJECT #: T2519-01

SITE #: 6252
ASSET #: 8136252002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 7/31/2026

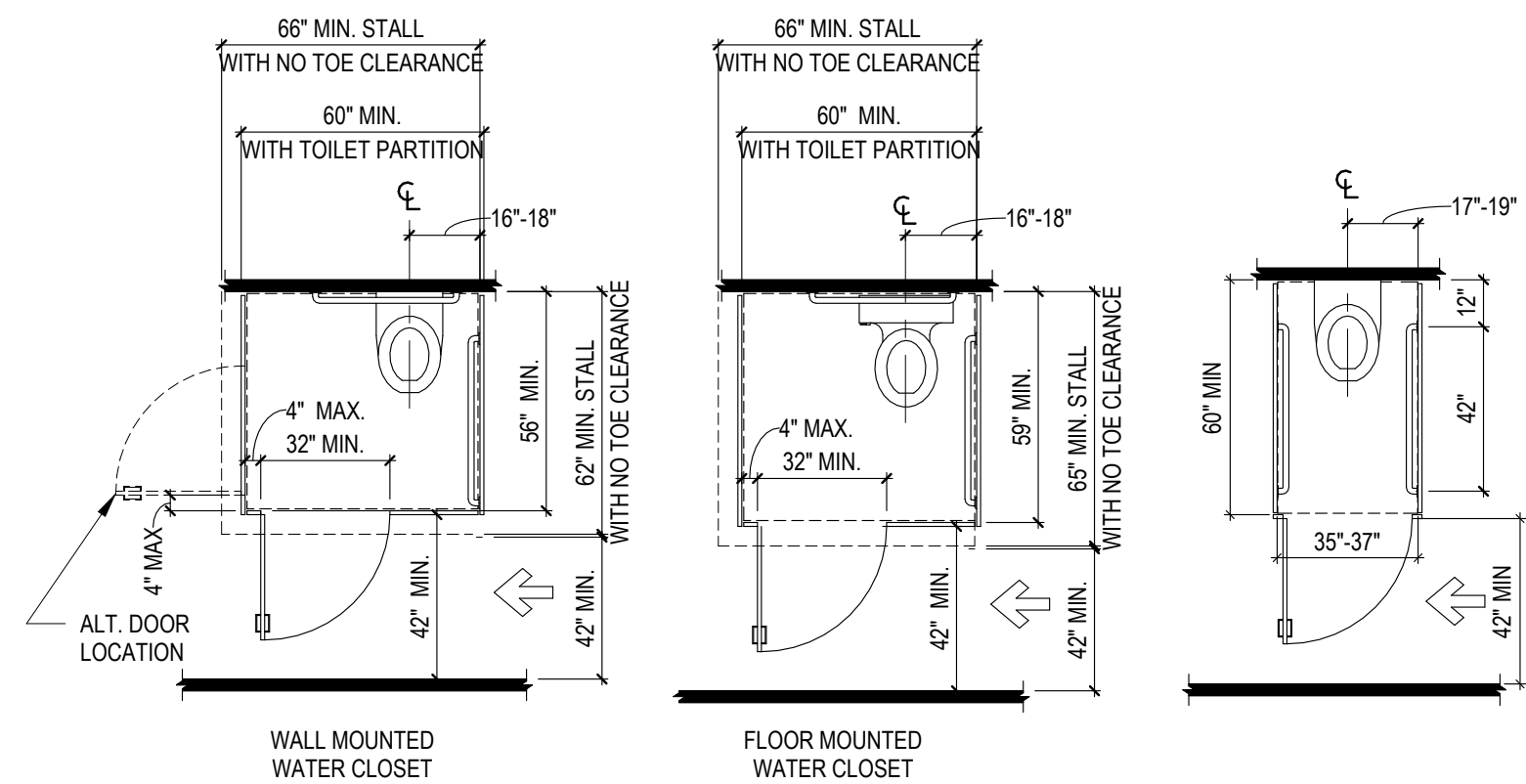
DRAWN BY: JK
CHECKED BY: RW
DESIGNED BY: JK

SHEET TITLE:
ADA Details

SHEET NUMBER:

G-020

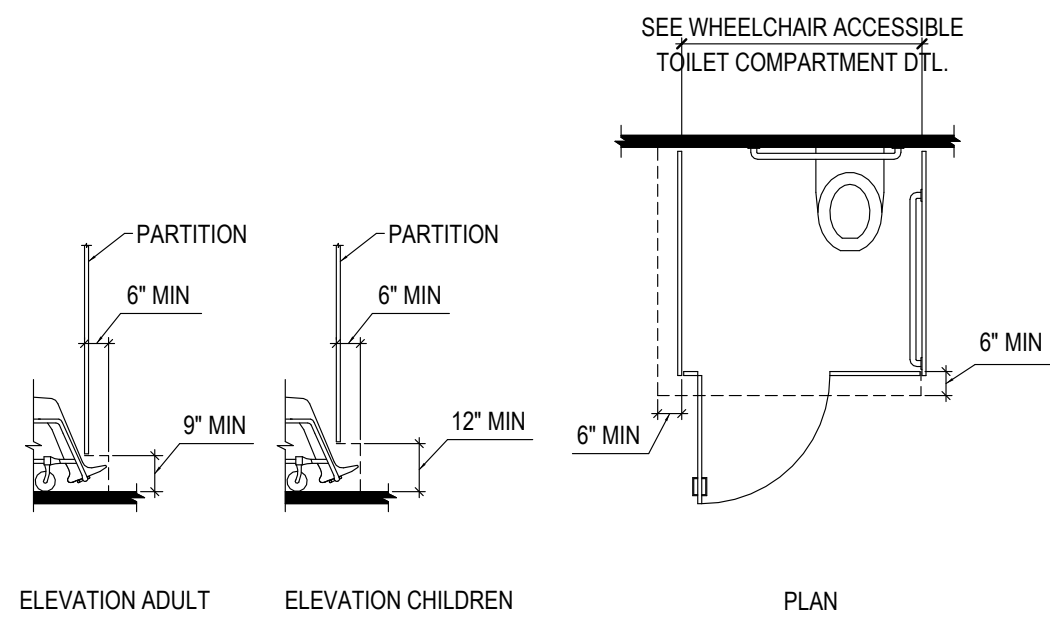
3 OF 35 SHEETS
7/31/2026



WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT

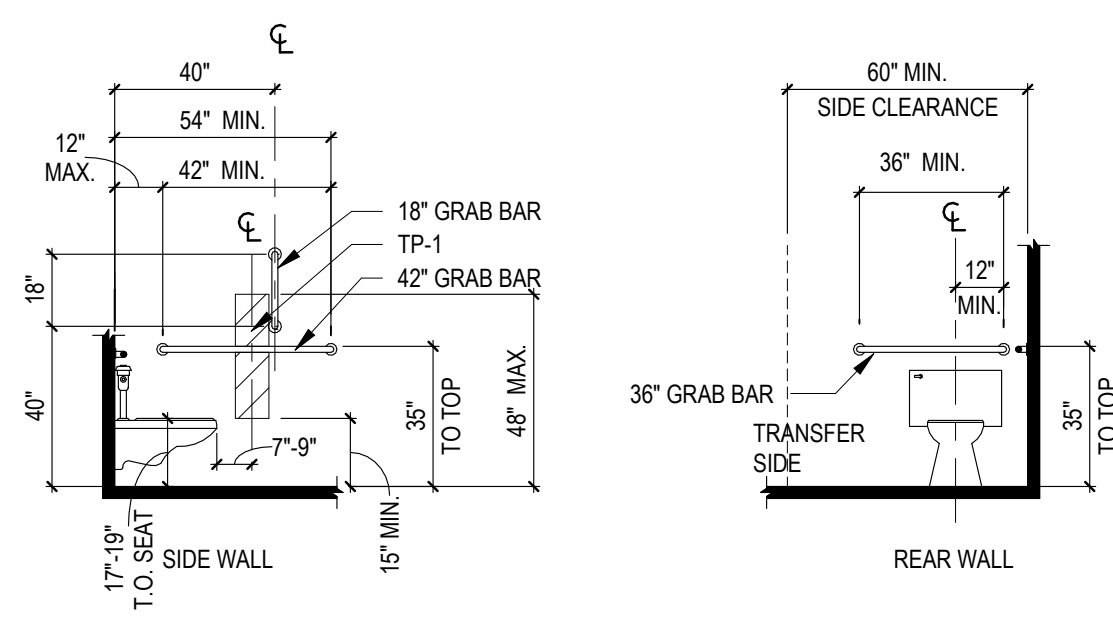
NOTE: ALL DIMENSIONS ARE TO FINISH FACE OF WALL SURFACE

AMBULATORY ACCESSIBLE TOILET COMPARTMENT



WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT TOE CLEARANCE

NOTE: ALL DIMENSIONS ARE TO FINISH FACE OF WALL SURFACE
NOTE: TOE CLEARANCE NOT REQUIRED WHEN FLOOR SPACE IS INCREASED PER WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT DETAIL.

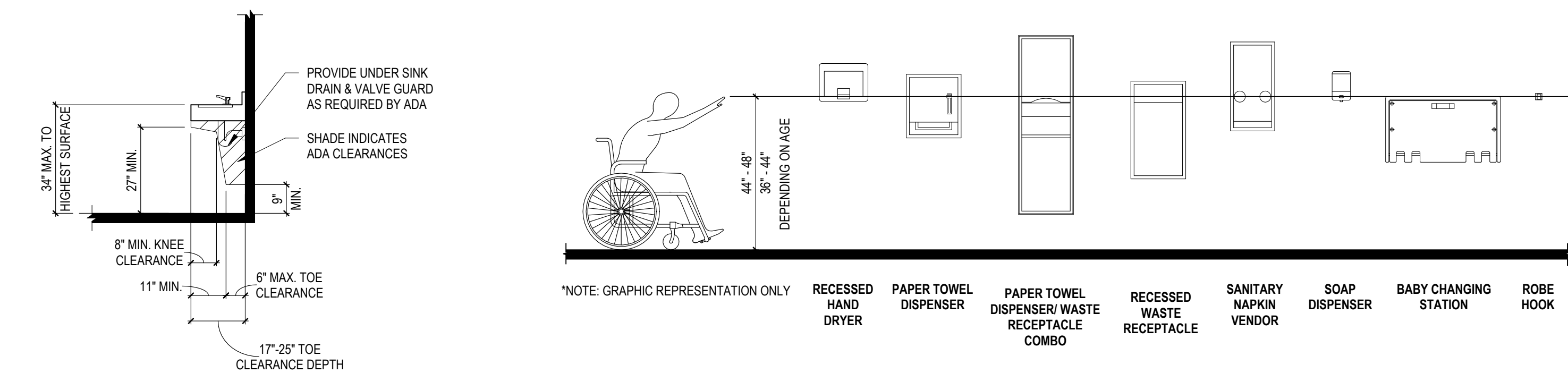


GRAB BARS AT WATER CLOSETS

NOTE: ALL DIMENSIONS ARE TO FINISH FACE OF WALL SURFACE

ADA - WATER CLOSETS AND TOILET COMPARTMENTS (604)

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

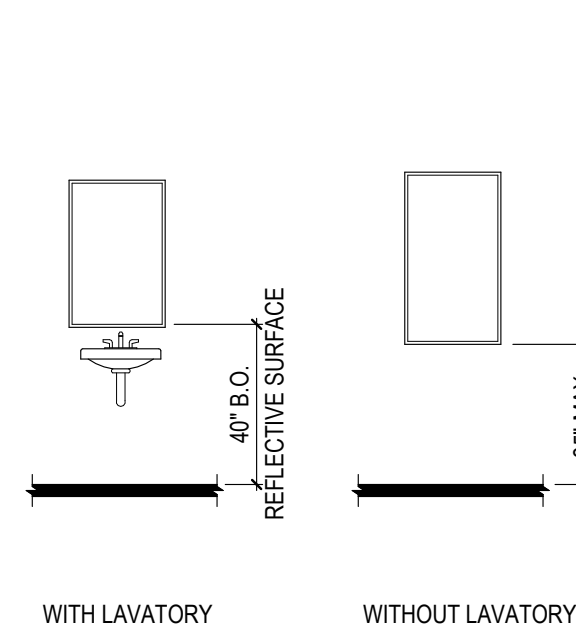


ADA - LAVATORIES (606)

SCALE: 3/8" = 1'-0"

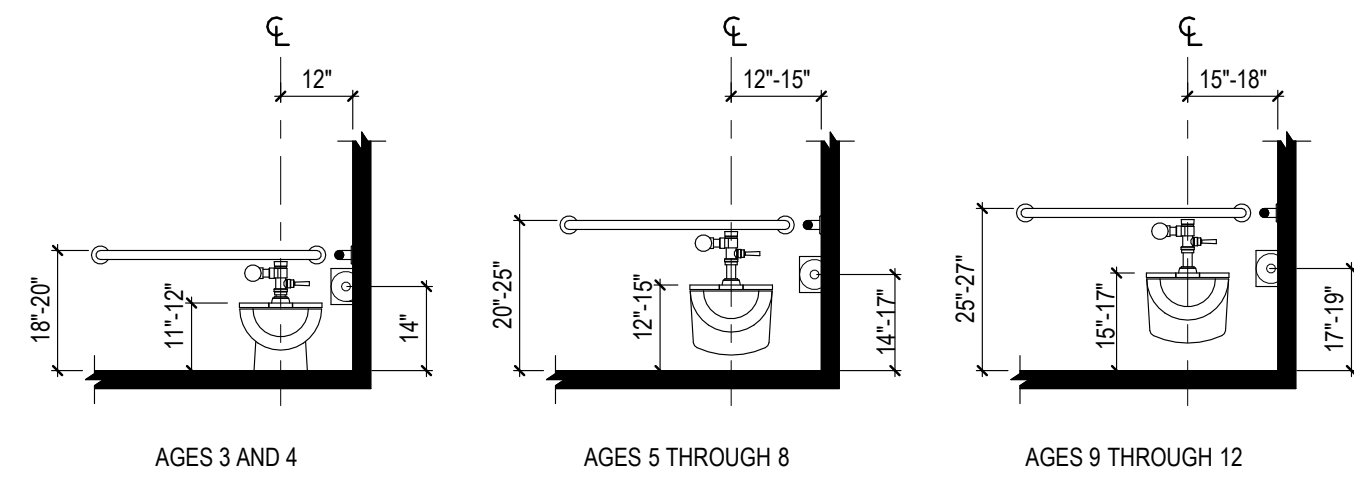
ADA - TOILET ROOM ACCESSORIES

SCALE: 3/8" = 1'-0"



ADA - MIRRORS (603.3)

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

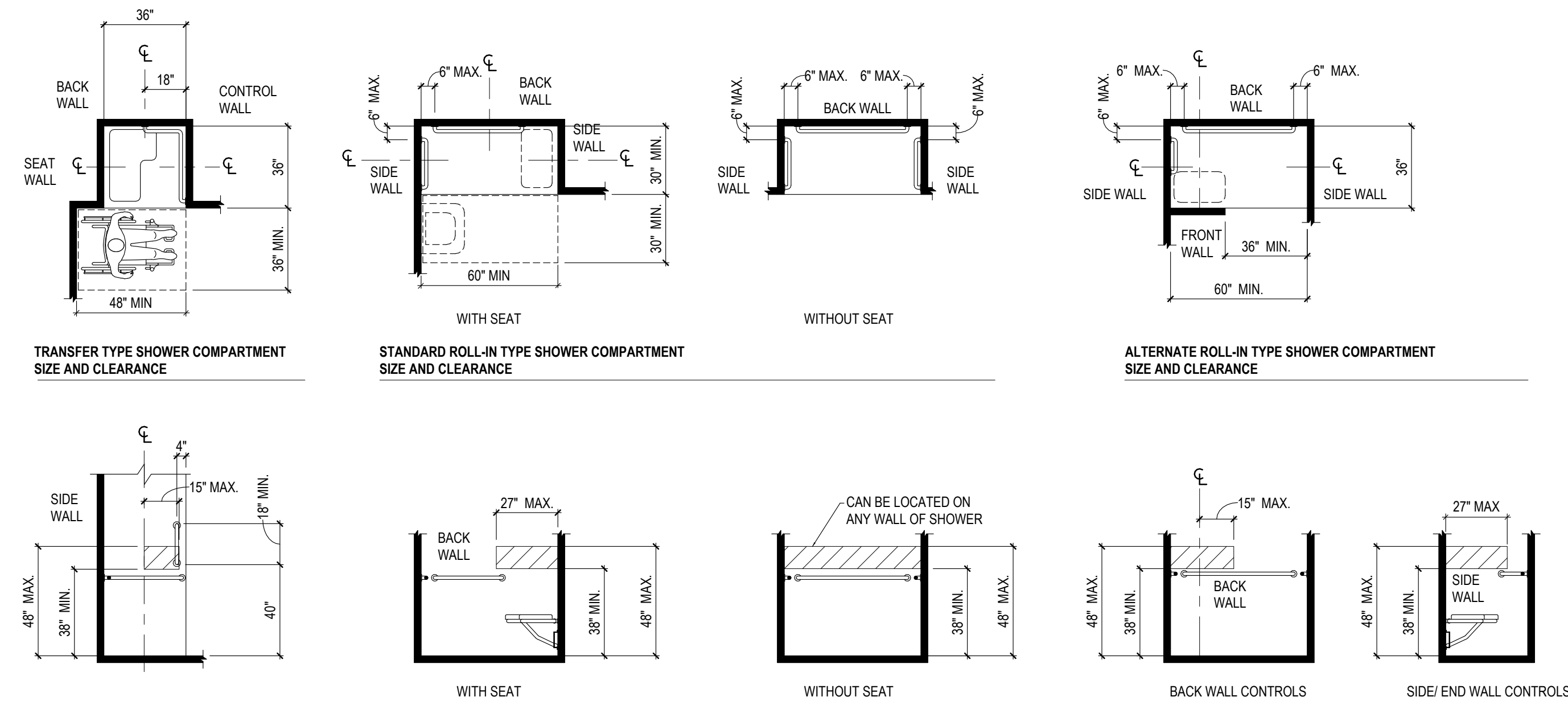


WATER CLOSETS AND TOILET COMPARTMENTS FOR CHILDREN'S USE

NOTE: ADVISORY SPECIFICATIONS FOR WATER CLOSETS SERVING CHILDREN AGES 3 THRU 12

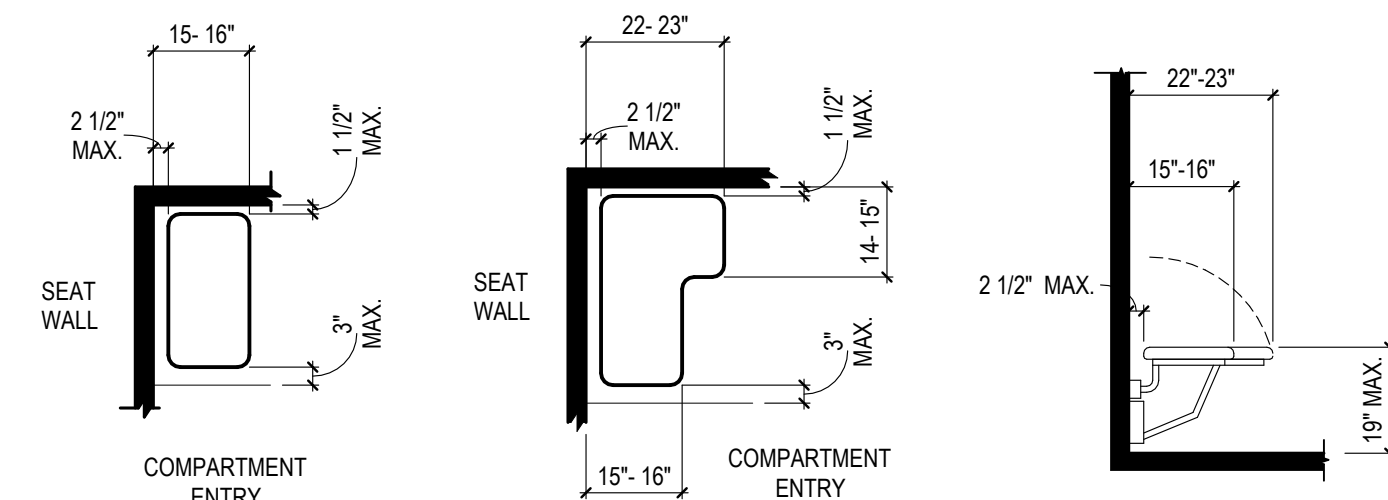
WATER CLOSETS SERVING CHILDREN (604.9)

SCALE: 3/8" = 1'-0"



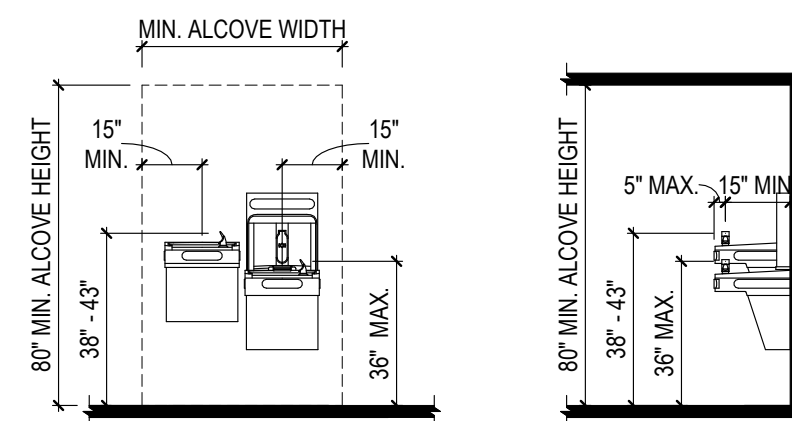
ADA - SHOWER COMPARTMENTS (608)

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



ADA - SHOWER SEATS (610)

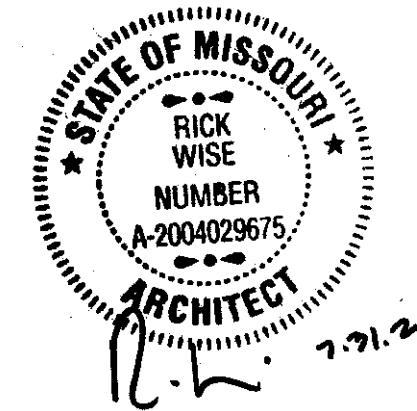
SCALE: 3/8" = 1'-0"



ADA - WATER COOLER & BOTTLE FILLERS (602)

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

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Chillicothe Readiness Center -
USB Roof Replacement &
Latrine Renovation

1500 Washington St.
Chillicothe, MO 64601

PROJECT #: T2519-01

SITE #: 6252

ASSET #: 8136252002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 7/31/2026

DRAWN BY: JK
CHECKED BY: RW
DESIGNED BY: JK

SHEET TITLE:
ADA Details

SHEET NUMBER:

G-021

4 OF 35 SHEETS
7/31/2026

GENERAL NOTES & INFORMATION

1. THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM RECORD DRAWINGS RECEIVED, THERE ARE NO GUARANTEES THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE RECORD DRAWINGS DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE UNDERGROUND UTILITIES HAVE NOT BEEN PHYSICALLY LOCATED. THIS INCLUDES PRIVATE AND PUBLIC UTILITIES. FURTHER VERIFICATION MAY BE REQUIRED TO IDENTIFY UTILITIES NOT SHOWN HEREIN. THE CONTRACTOR SHALL HAVE ALL UTILITIES LOCATED THROUGH THE "ONE CALL" SYSTEM. CALL THE UNDERGROUND HOTLINE FOR UTILITY LOCATIONS AT 1-800-344-7483. FIELD VERIFY ALL SITE SPECIFIC UTILITIES.
2. THE CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS SHOWN ON PLAN, ANY DISCREPANCIES NOTICED IN FIELD SHALL BE RELAYED TO LANDSCAPE ARCHITECT / OWNER PRIOR TO COMMENCEMENT OF ANY WORK.
3. THE CONTRACTOR SHALL HAVE ALL UTILITIES LOCATED THROUGH THE "ONE CALL" SYSTEM. CALL BOTH ENTITIES BEFORE YOU DIG. CALL THE UNDERGROUND HOTLINE FOR UTILITY LOCATIONS AT 1-800-344-7483. FIELD VERIFY ALL SITE SPECIFIC UTILITIES. LOCATION FOR EXISTING SITE SPECIFIC UTILITIES IS UNKNOWN.
4. THE GENERAL CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES TO REMAIN DURING CONSTRUCTION.
5. THE GENERAL CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING PLANTING BEDS, SHRUBS AND TREES TO REMAIN ON SITE. DO NOT PARK, DRIVE OR STACK CONSTRUCTION MATERIALS IN THESE AREAS.
6. THE GENERAL CONTRACTOR SHALL NOT REMOVE OR ALTER ANY PROTECTION FENCING WITHOUT PRIOR WRITTEN CONSENT FROM OWNER AND LANDSCAPE ARCHITECT.
7. REFER TO THE SPECIFICATION FOR ADDITIONAL INFORMATION ON SITE ACCESS, SITE USE AND AVAILABLE STORAGE AREAS.

DEMOLITION NOTES

1. CONTRACTOR TO PRESERVE ALL SURVEY CONTROL POINTS.
2. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, SIGNING, BARRICADES, ENCLOSURES, ETC. TO THE BEST PRACTICES AND APPROVED BY THE OWNER.
3. CONTINUOUS PEDESTRIAN & VEHICULAR ACCESS SHALL BE MAINTAINED FOR THE EXISTING PROPERTY AT ALL TIMES FOR THE DURATION OF THE PROJECT.
4. DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES OF FENCE, FLUMES, FOUNDATIONS, DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC. (EXCEPT WHERE NOTED BY ENGINEER), SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE CITY OF WARRENSBURG, MO SPECIFICATIONS.
6. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR THE DEMOLITIONS AND DISPOSAL.
7. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUTED IF UNDER BUILDING.
8. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED, RELOCATED, AND/OR ABANDONED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY IS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE. CONTRACTOR SHALL PAY CLOSE ATTENTION TO EXISTING UTILITIES WITHIN THE CONSTRUCTION LIMITS DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES.
9. ALL SIDEWALK & PAVEMENT TO REMAIN SHALL BE PROTECTED IN PLACE INCLUDING PROTECTION FROM DAMAGE CAUSED BY REMOVAL OF ABUTTING CONCRETE. THE CONTRACTOR SHALL SAW CUT, FULL DEPTH AT NEAREST JOINT.
10. DO NOT DISRUPT UTILITY SERVICES TO ADJACENT BUSINESSES OR RESIDENCES WITHOUT PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT OR OWNER.

SYMBOLS LEGEND

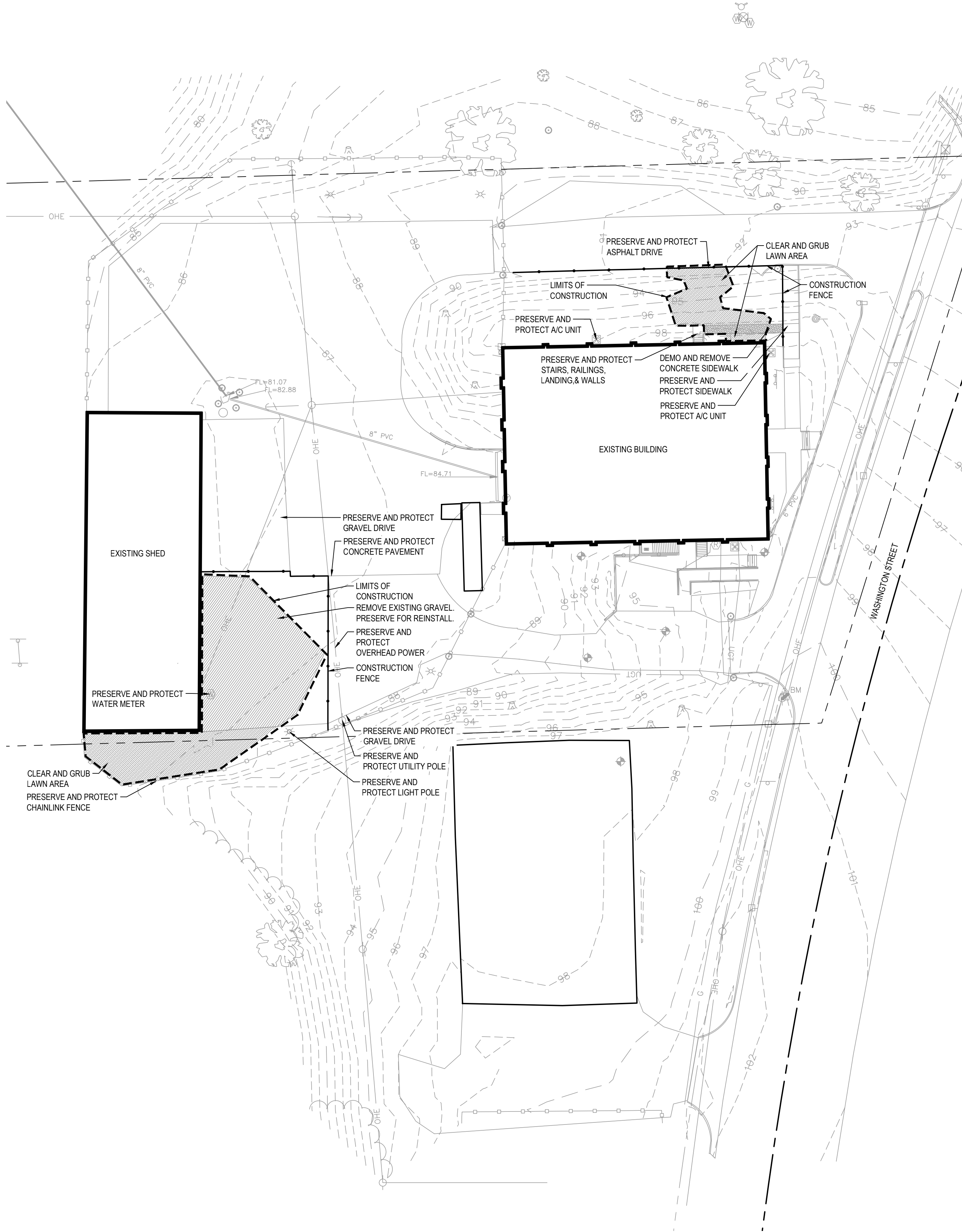
- | | | |
|----------------------------|-----|---|
| ● MONUMENT FOUND | --- | EXISTING CONTOUR |
| ○ CONTROL POINT | --- | PROPERTY LINE |
| ⊕ BENCHMARK | --- | EASEMENT LINE |
| ⊞ ELECTRICAL PEDESTAL | --- | BUILDING SETBACK LINE |
| ⊞ ELECTRICAL PULLBOX | --- | OVERHEAD BUILDING LINE |
| * LIGHT POLE | --- | SHRUB PERIMETER LINE |
| ⊞ POWER POLE | --- | OVERHEAD ELECTRICAL LINE |
| → GUY WIRE | --- | UGE --- UGE UNDERGROUND ELECTRICAL LINE |
| ⊞ FLAG POLE | --- | FO --- FO UNDERGROUND FIBER OPTIC LINE |
| ⊞ SIGN | --- | GAS --- GAS UNDERGROUND NATURAL GAS LINE |
| ⊞ SANITARY SEWER CLEAN OUT | --- | SS --- SS UNDERGROUND SANITARY SEWER LINE |
| ⊞ SANITARY SEWER MANHOLE | --- | S --- S UNDERGROUND STORM SEWER LINE |
| ⊞ STORM SEWER MANHOLE | --- | T --- T UNDERGROUND TELEPHONE LINE |
| ⊞ TELEPHONE MANHOLE | --- | CATV --- CATV UNDERGROUND TELEVISION LINE |
| ⊞ TELEPHONE PEDESTAL | --- | W --- W UNDERGROUND WATER LINE |
| ⊞ TELEVISION PEDESTAL | | |
| ⊞ FIRE HYDRANT | | |
| ⊞ WATER VALVE | | |
| ⊞ SHRUB | | |
| ⊞ CONIFEROUS TREE | | |
| ⊞ DECIDUOUS TREE | | |

SYMBOLS LEGEND

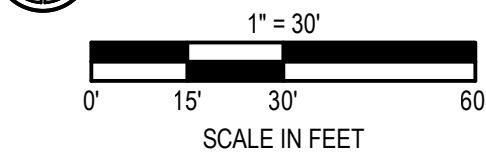
- CONSTRUCTION FENCE
- CLEAR & GRUB LANDSCAPED AREA

HARDSCAPE DEMOLITION LEGEND

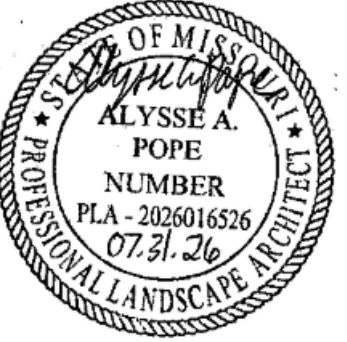
- EXISTING CONCRETE DEMOLITION
- EXISTING CONCRETE DEMOLITION



EXISTING CONDITIONS AND DEMOLITION PLAN



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Chillicothe Readiness Center -
USBRoof Replacement &
Latrine Renovation

1500 Washington St.
Chillicothe, MO 64601

PROJECT #: T2519-01

SITE #: 6252
ASSET #: 8136252002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
ISSUE DATE: 07/31/2026

DRAWN BY: AP
CHECKED BY: AP
DESIGNED BY: AP

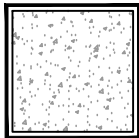
SHEET TITLE:
EXISTING
CONDITIONS AND
DEMOLITION PLAN

SHEET NUMBER:

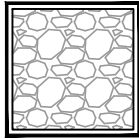
L-101

5 OF 35 SHEETS
07/31/2026

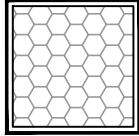
HARDSCAPE LEGEND



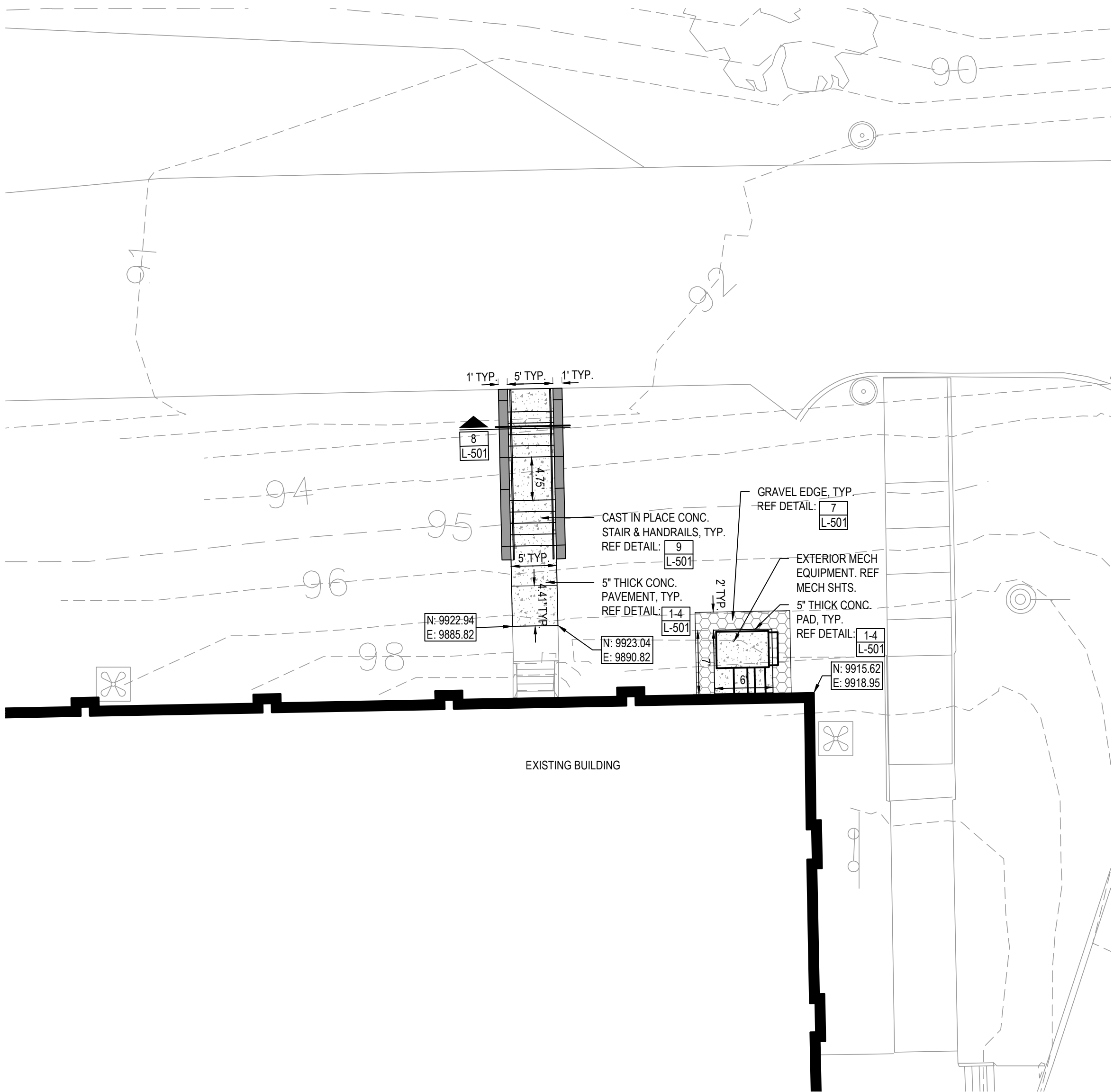
5' THICK CONCRETE PAVEMENT
COLOR: STANDARD GRAY
FINISH: BROOM



REUSE EXISTING GRAVEL



GRAVEL EDGE



 **SITE LAYOUT PLAN - EXISTING BUILDING**

1" = 10'

0' 5' 10' 20'

SCALE IN FEET



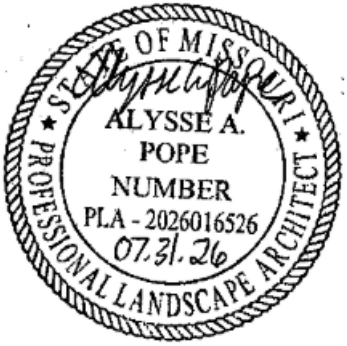
 **SITE LAYOUT PLAN - EXISTING SHED**

1" = 20'

0' 10' 20' 40'

SCALE IN FEET

STATE OF MISSOURI
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**MISSOURI ARMY
NATIONAL GUARD**

Chillicothe Readiness Center -
USBRoof Replacement &
Latrine Renovation

1500 Washington St.
Chillicothe, MO 64601

PROJECT #: T2519-01

SITE #: 6252
ASSET #: 8136252002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 07/31/2026

DRAWN BY: AP
CHECKED BY: AP
DESIGNED BY: AP

SHEET TITLE:
SITE LAYOUT PLANS

SHEET NUMBER:

L-201

6 OF 35 SHEETS
07/31/2026

GENERAL GRADING NOTES

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS SHOWN ON PLAN. ANY DISCREPANCIES NOTED IN THE FIELD SHALL BE RELAYED TO THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO THE COMMENCEMENT OF WORK.
2. CONTRACTOR TO REFERENCE SPEC 312000 EARTH MOVING FOR SUBGRADE PREPARATION. CONTRACTOR WILL BE HELD RESPONSIBLE FOR SETTLEMENT DUE TO IMPROPER COMPACTION. ANY GEOTECHNICAL/TESTING REPORTS SOLICITED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE OWNER AND THE LANDSCAPE ARCHITECT.
3. CONTRACTOR TO PRESERVE ALL SURVEY CONTROL.
4. UNDERGROUND IMPROVEMENTS ARE UNKNOWN. UTILITY LOCATIONS ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING UTILITIES AND SHALL REPAIR ANY SUCH DAMAGE AT HIS OWN EXPENSE. THE CONTRACTOR SHALL HAVE ALL UTILITIES LOCATED THROUGH THE 'ONE CALL' SYSTEM BEFORE DIGGING.
5. THE PROPOSED CONTOURS REPRESENT TOP OF SLAB, OR TOP OF SIDEWALK IN PAVEMENT. IN ALL GREEN SPACES, THEY REPRESENT THE FINISHED GRADE SURFACE.
6. ALL LINES SHOWN REPRESENTING PAVEMENT ARE TO BACK OF CURB OR EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.
7. FILL AND CUT AREAS SHALL BE STRIPPED OF ALL VEGETATION AND TOPSOIL PRIOR TO COMMENCEMENT OF WORK. ALL TOPSOIL SHALL BE REDISTRIBUTED AFTER ROUGH GRADING IS COMPLETED. PRESERVE AND PROTECT THE REDISTRIBUTED TOPSOIL FOR CONSTRUCTION ACTIVITY. MACHINERY SHALL NOT BE ALLOWED TO DRIVE OVER IT. SUFFICIENT TOPSOIL SHOULD BE SALVAGED AND STOCKPILED BY THE CONTRACTOR FOR RE-SPREADING IN PERMANENT PLANTING AND TURF AREAS.
8. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM THE BUILDING FOR ALL NATURAL AND PAVED AREAS. DO NOT ALLOW WATER TO FLOW OR POND IN EXCAVATION AREAS.
9. AT THE COMPLETION OF GRADING, THE CONTRACTOR SHALL REMOVE ANY EXCESS EXCAVATION FROM THE SITE. EXCEPT FOR REQUIRED TOPSOIL REQUIRED FOR RE-SPREAD
10. CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES, IF NECESSARY.

GENERAL DEMOLITION NOTES

1. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, SIGNING, BARRICADES, ENCLOSURES, ETC. TO THE BEST PRACTICES AND PROCEDURES AVAILABLE
2. CONTINUOUS PEDESTRIAN & VEHICULAR ACCESS SHALL BE MAINTAINED FOR THE EXISTING PROPERTIES AT ALL TIMES DURING THE DEMOLITION OF THE EXISTING FACILITIES.
3. DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES OF FENCE, FLUMES, FOUNDATIONS, DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC. (EXCEPT WHERE NOTED BY ENGINEER). SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL.
5. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR THE DEMOLITIONS AND DISPOSAL.
6. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUTED IF UNDER BUILDING.
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8. ALL SIDEWALK & PAVEMENT TO REMAIN SHALL BE PROTECTED IN PLACE INCLUDING PROTECTION FROM DAMAGE CAUSED BY REMOVAL OF ABUTTING CONCRETE. THE CONTRACTOR SHALL SAW CUT AT NEAREST JOINT WHERE NECESSARY.
9. DO NOT DISRUPT UTILITY SERVICES TO ADJACENT BUSINESSES OR RESIDENCES WITHOUT PRIOR WRITTEN APPROVAL BY THE ENGINEER.
10. DO NOT DISRUPT TRAFFIC ON ADJACENT PUBLIC STREETS WITHOUT PRIOR WRITTEN APPROVAL BY THE CITY.
11. CLEAR TREES AS NECESSARY FOR PROPOSED GRADING, PRESERVE & PROTECT ALL TREES TO REMAIN

ADA GRADING NOTES

ADA SIDEWALKS
ALL AREAS OF THE ADA ACCESSIBLE PATH ARE REQUIRED TO BE LESS THAN 5% SLOPE IN THE DIRECTION OF TRAVEL AND LESS THAN 2% FOR CROSS SLOPES. CONTRACTOR IS RESPONSIBLE TO CONSTRUCT ALL ADA IMPROVEMENTS PER PLAN. ANY PORTIONS OF DESIGNATED ADA ACCESSIBLE PATHS THAT EXCEED THESE REQUIREMENTS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

ADA LANDINGS
ALL ADA ACCESSIBLE LANDINGS ARE REQUIRED TO BE LESS THAN 2% IN ALL DIRECTIONS. CONTRACTOR IS RESPONSIBLE TO CONSTRUCT ALL ADA IMPROVEMENTS PER PLAN. ANY PORTIONS OF DESIGNATED ADA ACCESSIBLE PATHS THAT EXCEED THESE REQUIREMENTS WILL REQUIRE REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

SOIL LEGEND:



SPOT ELEVATION LEGEND

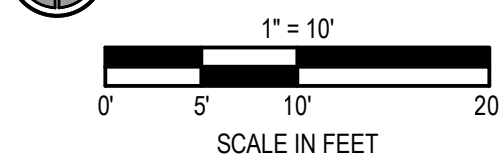
SYMBOL	DESCRIPTION
ME	MATCH EXISTING
GDE	GRADE
HP	HIGH POINT
LP	LOW POINT
PVMT	TOP OF PAVEMENT
TC	TOP OF CURB
BC	BOTTOM OF CURB
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
TW	TOP OF WALL
BW	BOTTOM OF WALL
DOOR	BUILDING DOOR
BLDG	BUILDING

LEGEND

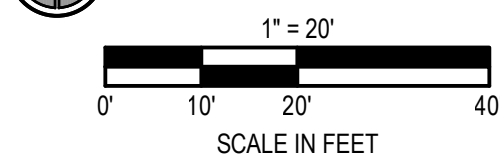
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- LIMITS OF GRADING



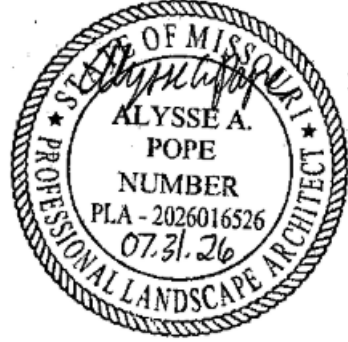
SITE GRADING PLAN - EXISTING BUILDING



SITE GRADING PLAN - EXISTING SHED



STATE OF MISSOURI
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GOVERNOR



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PROJECT #: T2519-01

SITE #: 6252
ASSET #: 8136252002

REVISION: _____
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DATE: _____
ISSUE DATE: 07/31/2026

DRAWN BY: AP
CHECKED BY: AP
DESIGNED BY: AP

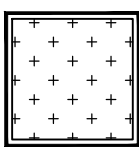
SHEET TITLE:
SITE GRADING PLANS

SHEET NUMBER:

L-301

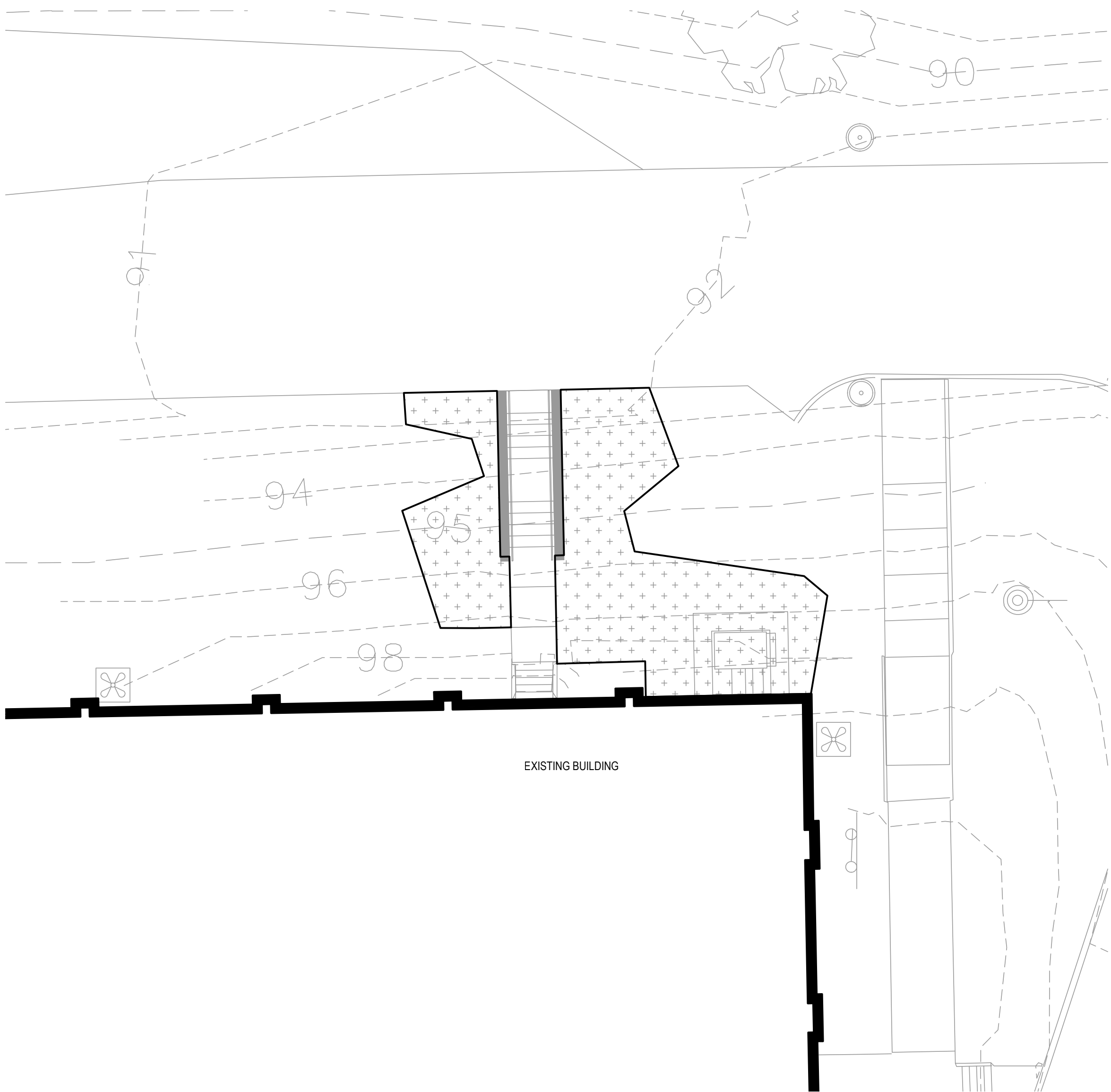
7 OF 35 SHEETS
07/31/2026

LEGEND:

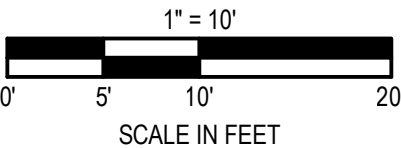


SEED

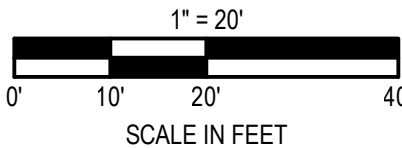
TEMPORARY AND PERMANENT SEED PROVIDED AND
INSTALLED BY CONTRACTOR PER SPEC.



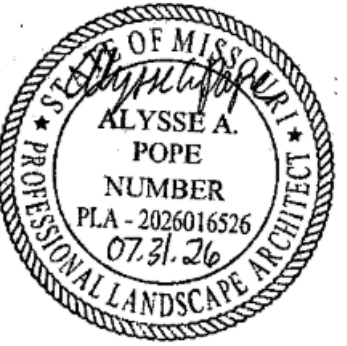
SITE PLANTING PLAN - EXISTING BUILDING



SITE PLANTING PLAN - EXISTING SHED



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MISSOURI ARMY
NATIONAL GUARD

Chillicothe Readiness Center -
USBRoof Replacement &
Latrine Renovation

1500 Washington St.
Chillicothe, MO 64601

PROJECT #: T2519-01

SITE #: 6252

ASSET #: 8136252002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 07/31/2026

DRAWN BY: AP
CHECKED BY: AP
DESIGNED BY: AP

SHEET TITLE:
SITE SEEDING PLANS

SHEET NUMBER:

L-401

8 OF 35 SHEETS
07/31/2026

SCALE: 1 1/2"=1'-0" SPACE AT 10'-0" UNLESS OTHERWISE INDICATED

SEALANT TO BE 1/4" BELOW TOP OF GRADE, TYP.

1/4"

2" RADIUS, TYP.

2"

CONC. PAVEMENT, REF DETAIL 1 THIS SHT, TYP.

EXISTING PAVEMENT, TYP.

PREPARED SUBGRADE, REF EARTH MOVING SPEC, TYP.

EXISTING UNDISTURBED SOIL, TYP.

SCALE: 1 1/2"=1'-0" (INDICATED EJ ON LAYOUT PLAN)

1/8" "V" SAW CUT JT, TYP

KEYWAY

CONC. PAVEMENT, REF DETAIL 1 THIS SHT, TYP.

PREPARED SUBGRADE, REF EARTH MOVING SPEC, TYP

EXISTING UNDISTURBED SOIL, TYP

Diagram illustrating the cross-section of a concrete pavement repair. The repair consists of a concrete pavement layer (top) and a prepared subgrade layer (bottom). A keyway is shown in the concrete pavement, with a 1/8" "V" saw cut joint (JT) at the top. The subgrade is prepared according to earth moving specifications. The existing undisturbed soil is shown below the prepared subgrade.

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

BACKERROD, EXPANSION FILLER & SEALANT, TYP.

1/2" UNLESS OTHERWISE SPECIFIED

CONC. PAVEMENT, REF DETAIL 1 THIS SHT, TYP.

1/4" PNA DIAMOND DOWEL OR APPROVED EQUAL, INSTALL PER MANUF SPECIFICATIONS, TYP

PREPARED SUBGRADE, REF EARTH MOVING SPEC, TYP

EXISTING UNDISTURBED SOIL, TYP

SCALE: 1 1/2"=1'-0" (INDICATED DJ ON LAYOUT PLAN)

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

Diagram illustrating the relationship between existing and new materials in a pavement repair:

- CONC. PAVEMENT, REF DETAIL 1 THIS SHT, TYP.
- PROVIDE A FLUID APPLIED BONDING AGENT BETWEEN DISSIMILAR MATERIALS, TYP.
- EXISTING ASPHALT PAVEMENT
- PREPARED SUBGRADE, REF GEOTECHNICAL REPORT/EARTH MOVING SPEC, TYP
- EXISTING UNDISTURBED SOIL, TYP.

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

CONC. PAVEMENT, REF DETAIL 1 THIS SHT, TYP.

2'-0"

TOPDRESS W/ 1" OF $\frac{3}{4}$ " MINUS FINES CLEAN

INCORPORATE 2" OF CLEAN CRUSHED $\frac{3}{4}$ " TO $\frac{3}{8}$ " CONCRETE INTO EXISTING SUBGRADES

6" MIN

GEOTEXTILE FABRIC, REF SPEC.

PREPARED SUB-GRADE REF EARTH MOVING SPEC, TYP

EXISTING GRADE

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

[illegible]

SCALF: 3/4"=1'-0"

6 TREADS X 1'-3"

1 1/2" OD GALVANIZED STEEL PIPE
HANDRAIL GRIND ALL WELDS
SMOOTH, TYP.

6 TREADS X 1'-3"

8
E-500

2X4 CONT. KEYWAY, TYP.

#4 STIRRUPS @ 24" O.C., TYP.

(3) #5's CONT. TOP & BOT., TYP.

HANDRAIL 3/8"

1'-3"

#4's HORIZ. EA
NOSING, TYP.

SLOPE
1/4" / 12"

#5's @ 12" O.C. EA. WAY

#5 BENT BARS
@ 12" O.C., TYP.

#5 BENT BARS
@ 12" O.C., TYP.

CONCRETE
CHEEKWALL

PROVIDE 12" E.J. W/
BACKERROD EXP.
FILLER AND SEALANT

THICKENED CONC
WALK EDGE, TYP.

EXISTING ASPHALT
PAVEMENT

PREPARED SUBGRADE, REF
GEOTECH REPORT/EARTH
MOVING SPEC., TYP.

9

C.I.P. CONCRETE STAIRS 'F' W/ HANDRAIL

SCALE: 3/4"=1'-0"

SCALE: 3/4"=1'-0"



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Certificate of Authority to Offer Engineering Services:
#E-2005030491-F
Certificate of Authority to Offer Landscape Architectural
Services: #LA-2005029859-D

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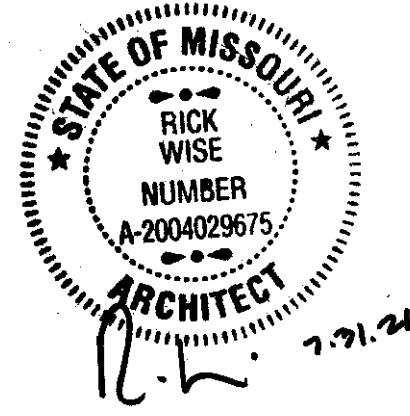
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DESIGNED BY: AP

SHEET TITLE:
SITE DETAILS

SHEET NUMBER:

L-501

9 OF 35 SHEETS
07/31/2026



PROFESSIONAL SEAL

CLARK &
ENERSEN

2020 Baltimore Ave.
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Kansas City, MO 64108
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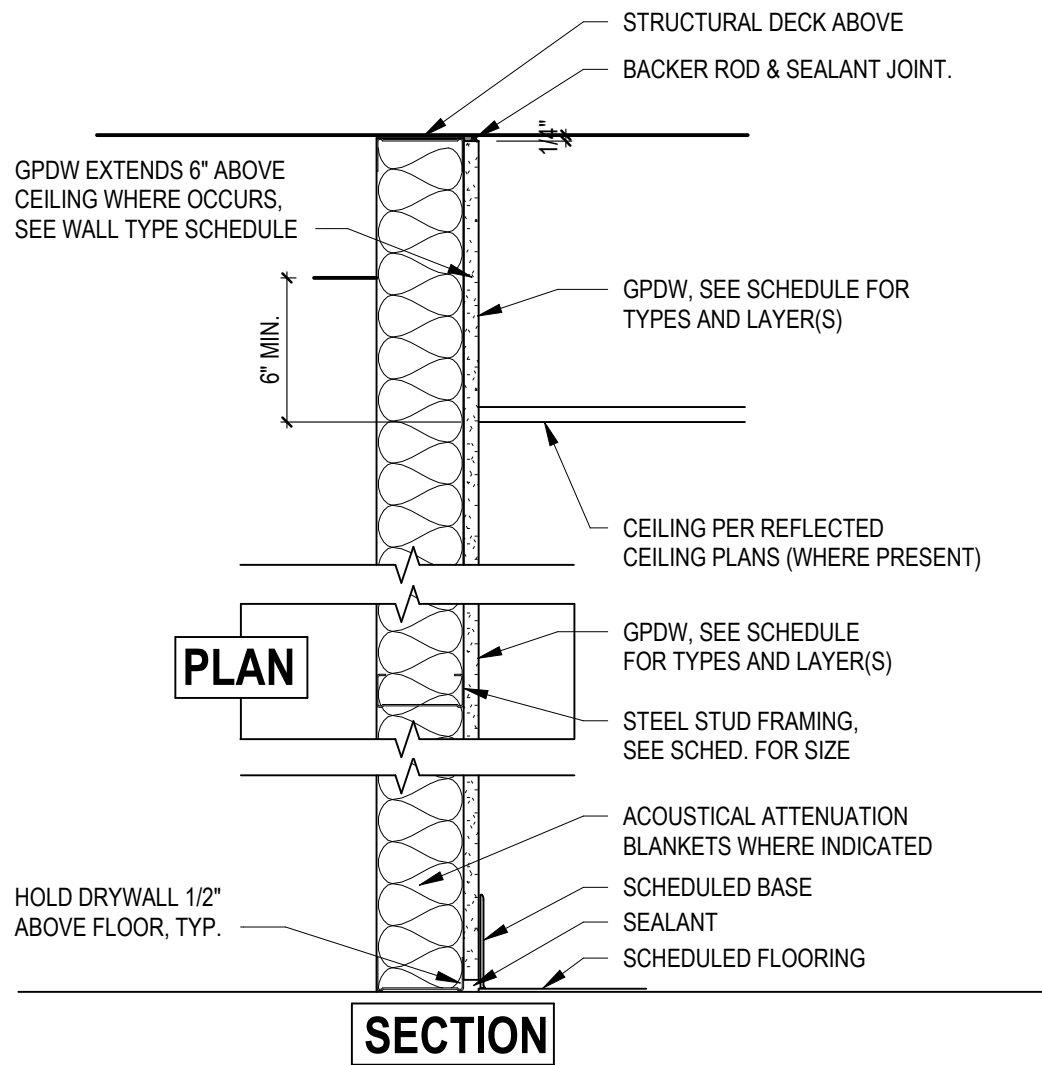
DRAWN BY: JK
CHECKED BY: RW
DESIGNED BY: JK

SHEET TITLE:
Wall Type Schedule &
Details

SHEET NUMBER:

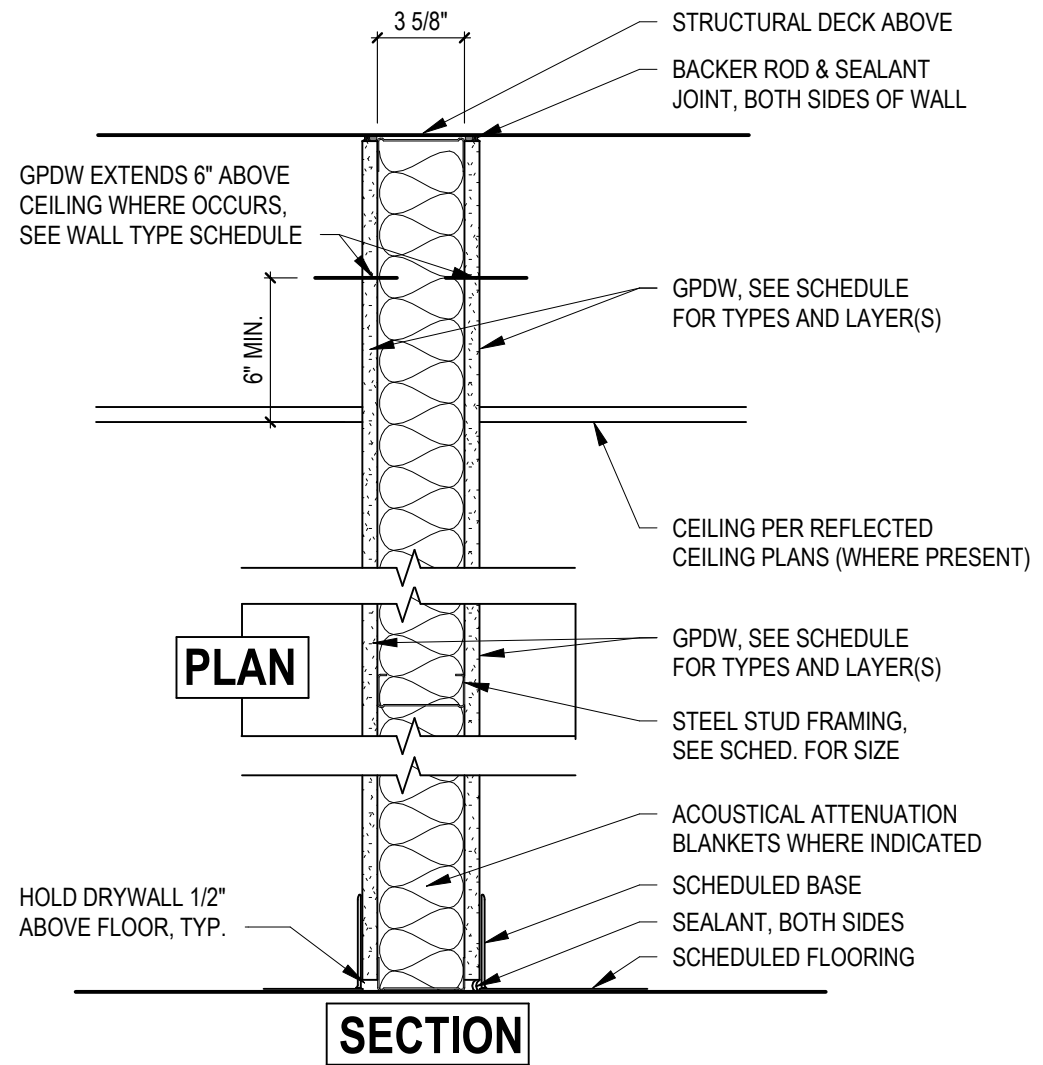
A-000

10 OF 35 SHEETS
7/31/2026



STEEL STUD FURRING - (TYPE A, B, C, D)

NOTE: FOR STUD GAUGE SEE "INTERIOR STEEL STUD FRAMING GAUGE TABLE" TYPE 2, THIS SHEET



STEEL STUD PARTITION - (TYPE F, G, H, J, K)

NOTE: FOR STUD GAUGE SEE "INTERIOR STEEL STUD FRAMING GAUGE TABLE" TYPE 1, THIS SHEET

INTERIOR STEEL STUD FRAMING GAUGE TABLE (1)						
STANDARD DESIGNATION	DRAWING DESIGNATION	MINIMUM BASE METAL THICKNESS (4)	TYPE 1 MAXIMUM HEIGHT (2)	TYPE 2 MAX. HEIGHT w/ BRACING (2),(3)		
				@ 48" O.C.	@ 72" O.C.	
250S125-27	2 1/2" x 22 GA.	0.0269"	11' - 3"	11' - 3"	11' - 0"	
250S125-33	2 1/2" x 20 GA.	0.0329"	12' - 0"	12' - 0"	12' - 0"	
362S125-27	3 5/8" x 22 GA.	0.0269"	14' - 9"	14' - 9"	12' - 11"	
362S125-33	3 5/8" x 20 GA.	0.0329"	15' - 10"	15' - 10"	14' - 10"	
362S125-43	3 5/8" x 18 GA.	0.0428"	17' - 4"	17' - 4"	17' - 4"	
600S125-27(5)	6" x 22 GA.	0.0269"	21' - 3"	21' - 3"	18' - 0"	
600S125-33	6" x 20 GA.	0.0329"	23' - 4"	23' - 4"	19' - 8"	
600S125-43	6" x 18 GA.	0.0428"	26' - 1"	26' - 1"	23' - 11"	
800S125-43	8" x 18 GA.	0.0428"	33' - 1"	33' - 1"	33' - 1"	
362S162-54	3 5/8" x 16 GA.	0.0538"	20' - 4"	20' - 4"	20' - 4"	
600S162-54	6" x 16 GA.	0.0538"	30' - 5"	30' - 5"	27' - 7"	
800S162-54	8" x 16 GA.	0.0538"	38' - 4"	38' - 4"	38' - 4"	

- TABLE SHALL BE USED FOR NON-LOAD BEARING INTERIOR WALLS ONLY.
- DESIGN HEIGHTS BASED ON A 5 PSF UNREDUCED LATERAL PRESSURE w/ A DEFLECTION OF L/240 FOR NON-COMPOSITE STUDS. MAXIMUM STUD SPACING IS 16" O.C.
- TYPE 2 WALLS ARE NOT ALLOWED WITHOUT BRACING.
- MIN. 0.0329" THICK STUDS FOR CEMENT BOARD AND ABUSE RESISTANT GPDW APPLICATIONS. REF: WALL BOARD MANUFACTURERS REQUIREMENTS.
- WEB STIFFENERS ARE REQUIRED AT STUD ATTACHMENT POINTS, SEE WEB STIFFENER CONNECTION DETAIL ON SHEET A0.01 FOR WEB STIFFENER SIZE & ATTACHMENT.

WALL TYPE SCHEDULE - METAL STUD FURRING

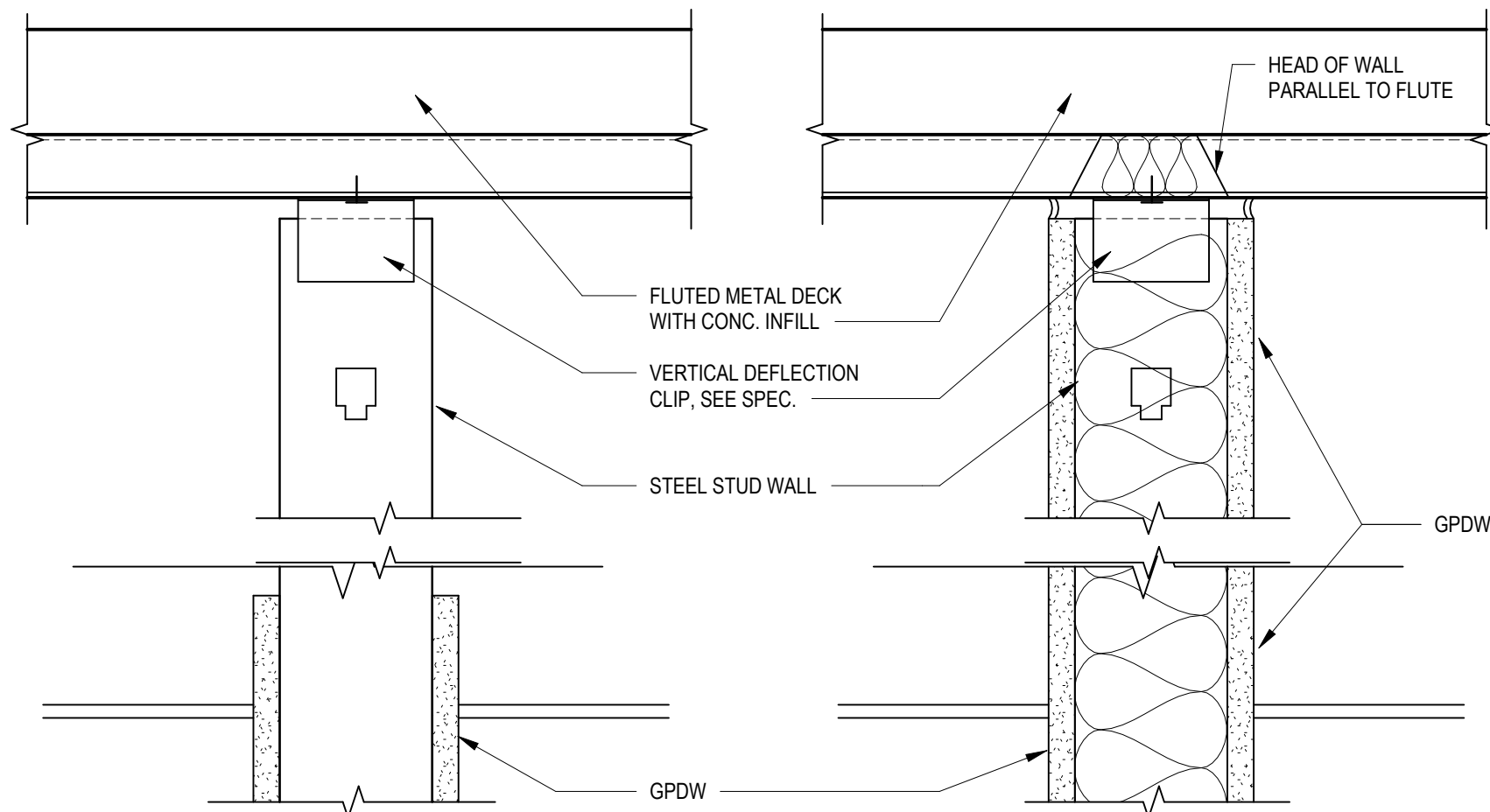
TAG	SUPPORT	FACING - TAG SIDE	FACING - OPP SIDE	ACTUAL SIZE	HEIGHT	RATING	STC	INSULATION	REMARKS
C3	3 5/8" STEEL STUD FURRING @ 16" O.C.	(1) LAYER - 5/8" TYPE 'X' GPDW, PT.	-	4 1/4"	ENTIRE ASSEMBLY TO STRUCTURAL DECK	NA	NA	3 1/2" SOUND BATT	ALL RESTROOM AND SHOWER WALLS TO RECEIVE MOISTURE AND MOLD-RESISTANT GYPSUM BOARD.
C6	6" STEEL STUD FURRING @ 16" O.C.	(1) LAYER - 5/8" TYPE 'X' GPDW, PT.	-	6 5/8"	ENTIRE ASSEMBLY TO STRUCTURAL DECK	NA	NA	6" SOUND BATT	ALL RESTROOM AND SHOWER WALLS TO RECEIVE MOISTURE AND MOLD-RESISTANT GYPSUM BOARD.

WALL TYPE SCHEDULE - METAL STUD PARTITION

TAG	SUPPORT	FACING - TAG SIDE	FACING - OPP SIDE	ACTUAL SIZE	HEIGHT	RATING	STC	INSULATION	REMARKS
F3	3 5/8" STEEL STUDS @ 16" O.C.	(1) LAYER - 5/8" TYPE 'X' GPDW, PT.	(1) LAYER - 5/8" TYPE 'X' GPDW, PT.	4 7/8"	STUDS TO STRUCTURE AND GPDW TO MIN. 6" ABOVE CEILING	NA	NA		ALL RESTROOM AND SHOWER WALLS TO RECEIVE MOISTURE AND MOLD-RESISTANT GYPSUM BOARD.
F6	6" STEEL STUDS @ 16" O.C.	(1) LAYER - 5/8" TYPE 'X' GPDW, PT.	(1) LAYER - 5/8" TYPE 'X' GPDW, PT.	7 1/4"	STUDS TO STRUCTURE AND GPDW TO MIN. 6" ABOVE CEILING	NA	NA		ALL RESTROOM AND SHOWER WALLS TO RECEIVE MOISTURE AND MOLD-RESISTANT GYPSUM BOARD.

1 WALL TYPES

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



GENERAL NOTES:

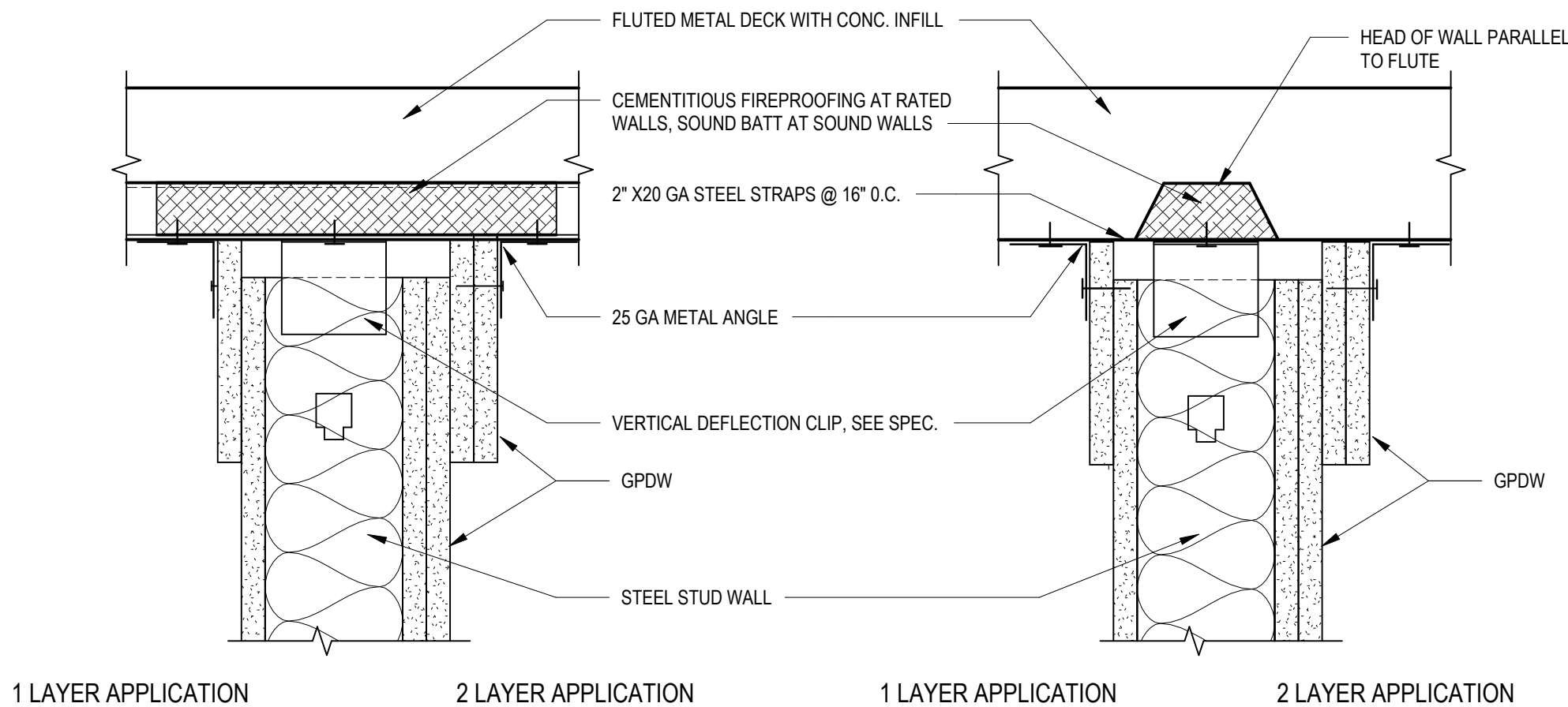
- CONTRACTOR TO COORDINATE SPACING OF STUDS W/ MECH. AND ELECTRICAL DRAWINGS.
- WHERE TILE IS INDICATED ON THE FINISH SCHEDULE CONTRACTOR SHALL INSTALL A TILE BACKING PANEL AND/OR CEMENT BOARD IN LIEU OF GPDW INDICATED. SEE SPECIFICATION FOR ADDITIONAL INFORMATION
- SCHEDULED WALL TYPES THAT INCLUDE WALL TILE ALLOW FOR 1/2" TILE & SETTING BED THICKNESS IN THE LISTED "ACTUAL SIZE" DIMENSIONS.
- WHERE PLYWOOD IS INDICATED ON THE DRAWINGS CONTRACTOR SHALL INSTALL PLYWOOD IN LIEU OF GPDW INDICATED. SEE ELECTRICAL AND ARCHITECTURAL SHEETS FOR PLYWOOD LOCATIONS.
- REF: SLIP CONNECTION DETAILS THIS SHEET FOR APPLICABLE TOP OF WALL CONDITIONS AT WALL TYPES.
- STC-RATED ASSEMBLIES AND PARTITIONS INDICATED TO RECEIVE SOUND INSULATION. SEAL CONSTRUCTION AT PERIMETERS, BEHIND CONTROL JOINTS AND AT OPENINGS & PENETRATIONS WITH A CONTINUOUS BEAD OF ACOUSTICAL JOINT SEALANT. INSTALL ACOUSTICAL JOINT SEALANTS AT BOTH FACES OF PARTITIONS, AT PERIMETER AND THROUGH PENETRATIONS.
- ALL WALL FRAMING THAT DOES NOT EXTEND TO STRUCTURE OR DECK SHALL BE BRACED AT 48" O.C. MIN.
- PAINT WALLS PER ROOM FINISH SCHEDULE.
- ALL WALL BOARD IN MECHANICAL ROOMS SHALL BE MOLD & MOISTURE RESISTANT DRYWALL.

STANDARD MEMBER SIZE DESIGNATION: 600S162-54

- MIL DESIGN THICKNESS (1/1000 INCH)
- FLANGE WIDTH (1/100 INCH)
- STYLE: S = STUD, T = TRACK
- WEB DEPTH (1/100 INCH)

2 STEEL STUD WALL SLIP CONNECTION - TYP.

SCALE: 3" = 1'-0"



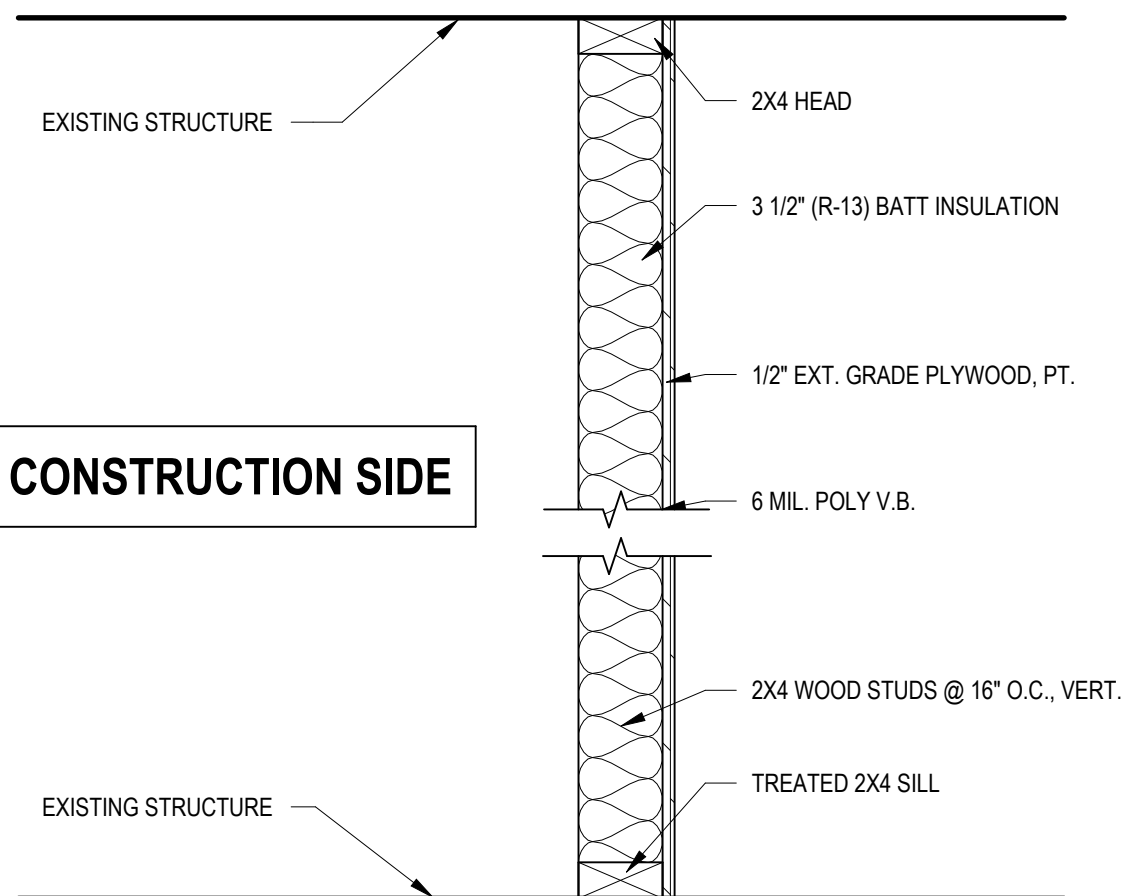
FIRE RATED WALLS AND SOUND WALLS

3 STEEL STUD WALL SLIP CONNECTION

SCALE: 3" = 1'-0"

4 TEMPORARY WALL PARTITION

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



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A-001

TYPICAL WALL OPENING DETAIL

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

BACK-TO-BACK HEADER CONNECTION

1. TABLE SHALL BE USED FOR NON-LOAD BEARING INTERIORS WALLS ONLY.
2. DESIGN LENGTHS BASED ON A HEADER ABOVE A 7'-0" TALL OPENING. A 12 PSF WALL WEIGHT & A 5 PSF LATERAL AIR PRESSURE OVER THE TYPE 1 MAXIMUM WALL HEIGHT w/ A MAXIMUM DEFLECTION OF 1/240.
3. HEADER STUDS @ 0.638" & THICKER SHALL NOT HAVE PUNCHOUTS.
4. HEADER STUDS & TRACKS SHALL OF THE SAME THICKNESS & STEEL GRADE OF WALL STUDS. HEADER TRACK WIDTHS SHALL ALSO BE OF THE SAME WIDTH OF WALL STUDS.
5. STUD THICKNESSES SHOWN IN TABLE ARE MINIMUM REQUIRED, LARGER THICKNESSES MAY BE SUBSTITUTED.
6. NON-STEVENERS ARE REQUIRED ABOVE BEARING POINTS AT ENDS OF BACK-TO-BACK HEADER STUDS. SEE WEB STIFFENER CONNECTION DETAIL, THIS SHEET FOR WEB STIFFENER SIZE & ATTACHMENT.

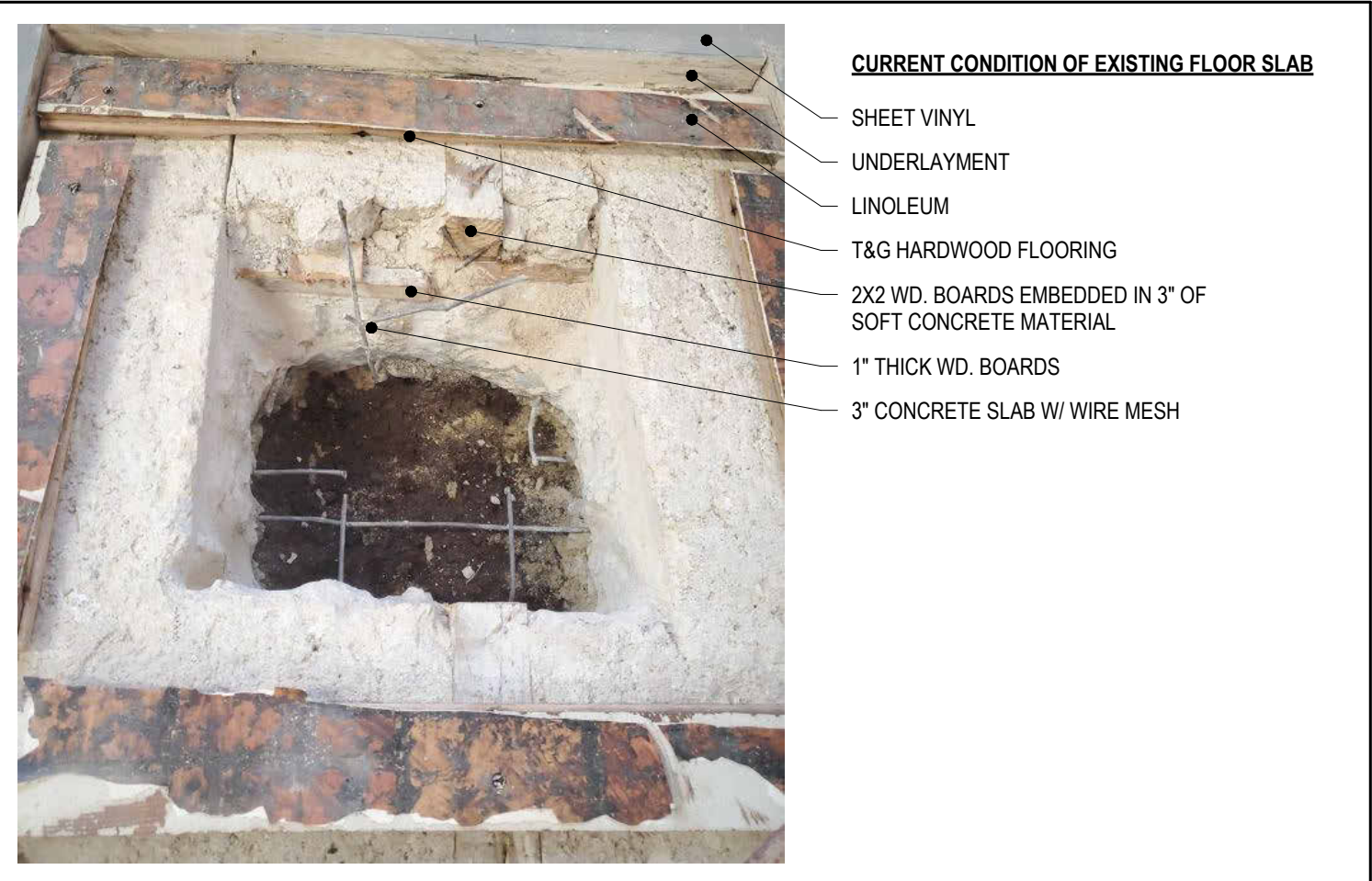
1 STEEL STUD TO METAL DECK CONNECTION

SCALE: 3" = 1'-0"

2 STEEL STUD HEADER SECTION

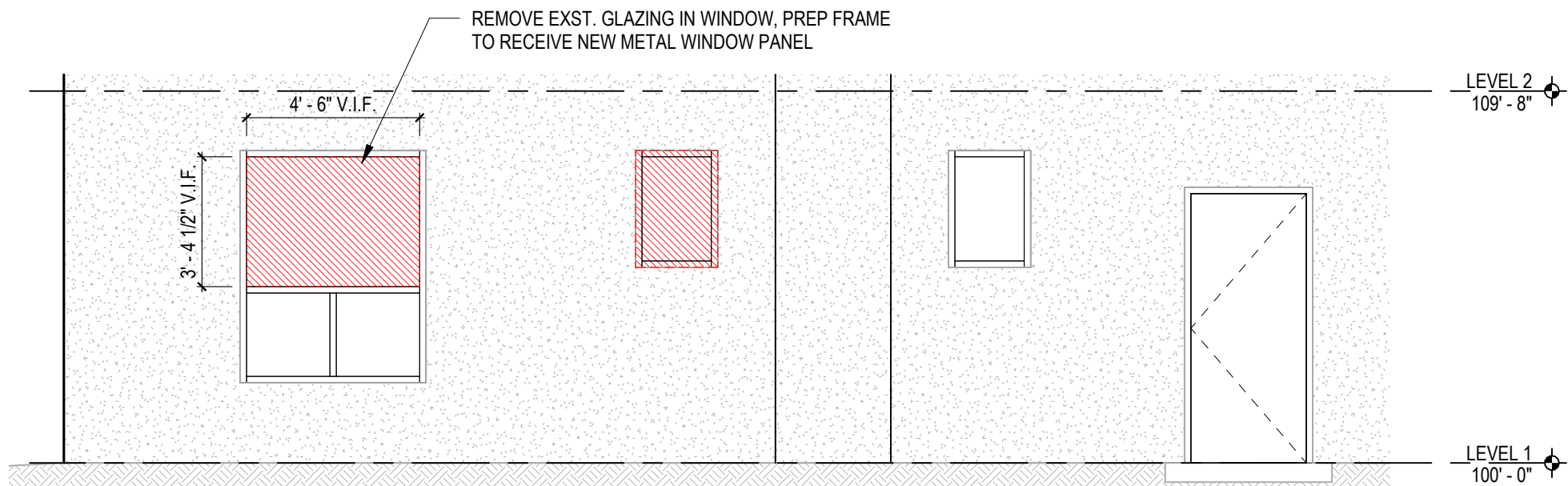
5 WEB STIFFENER CONNECTION DETAIL

SCALE: 3" = 1'-0"

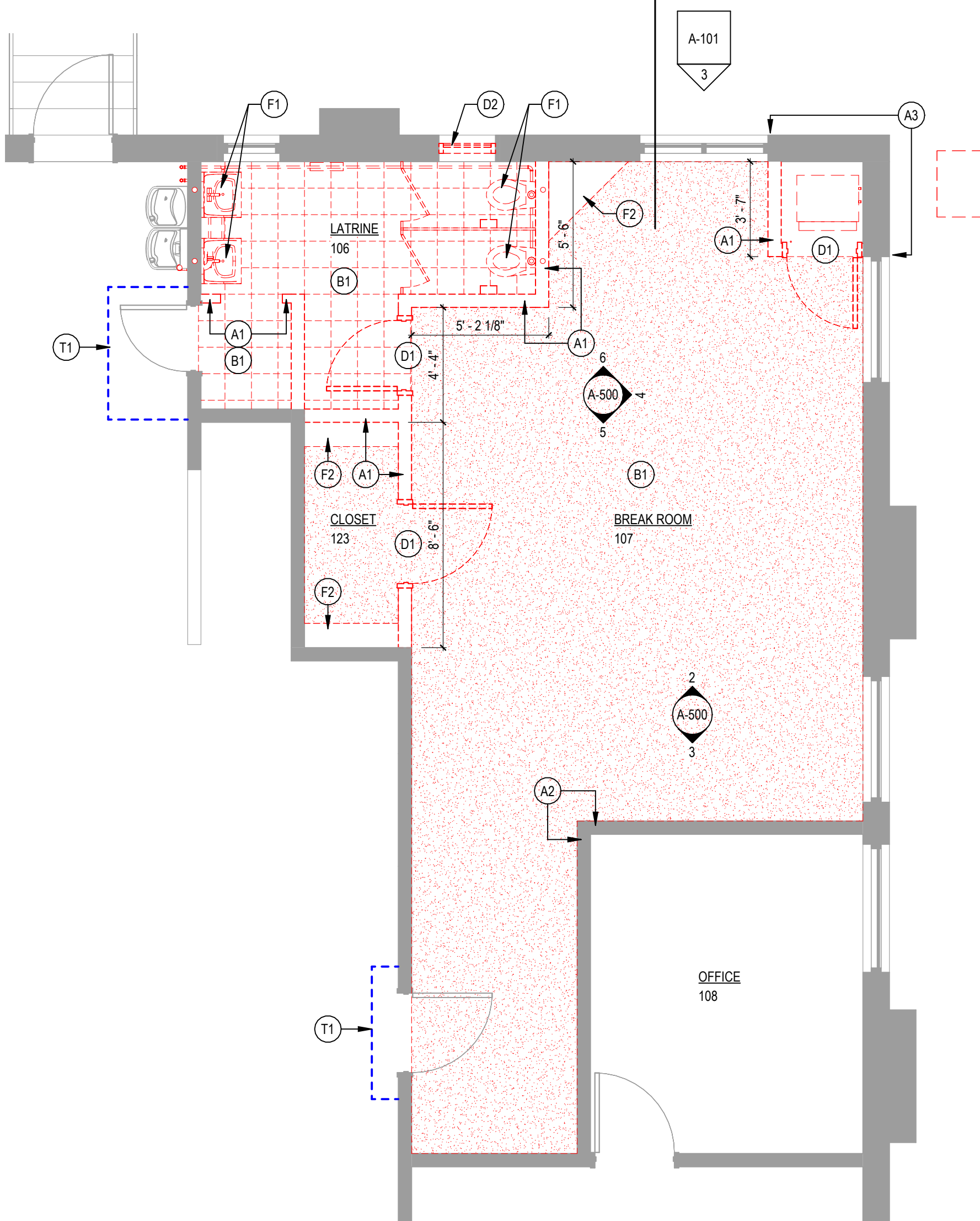


CURRENT CONDITION OF EXISTING FLOOR SLAB

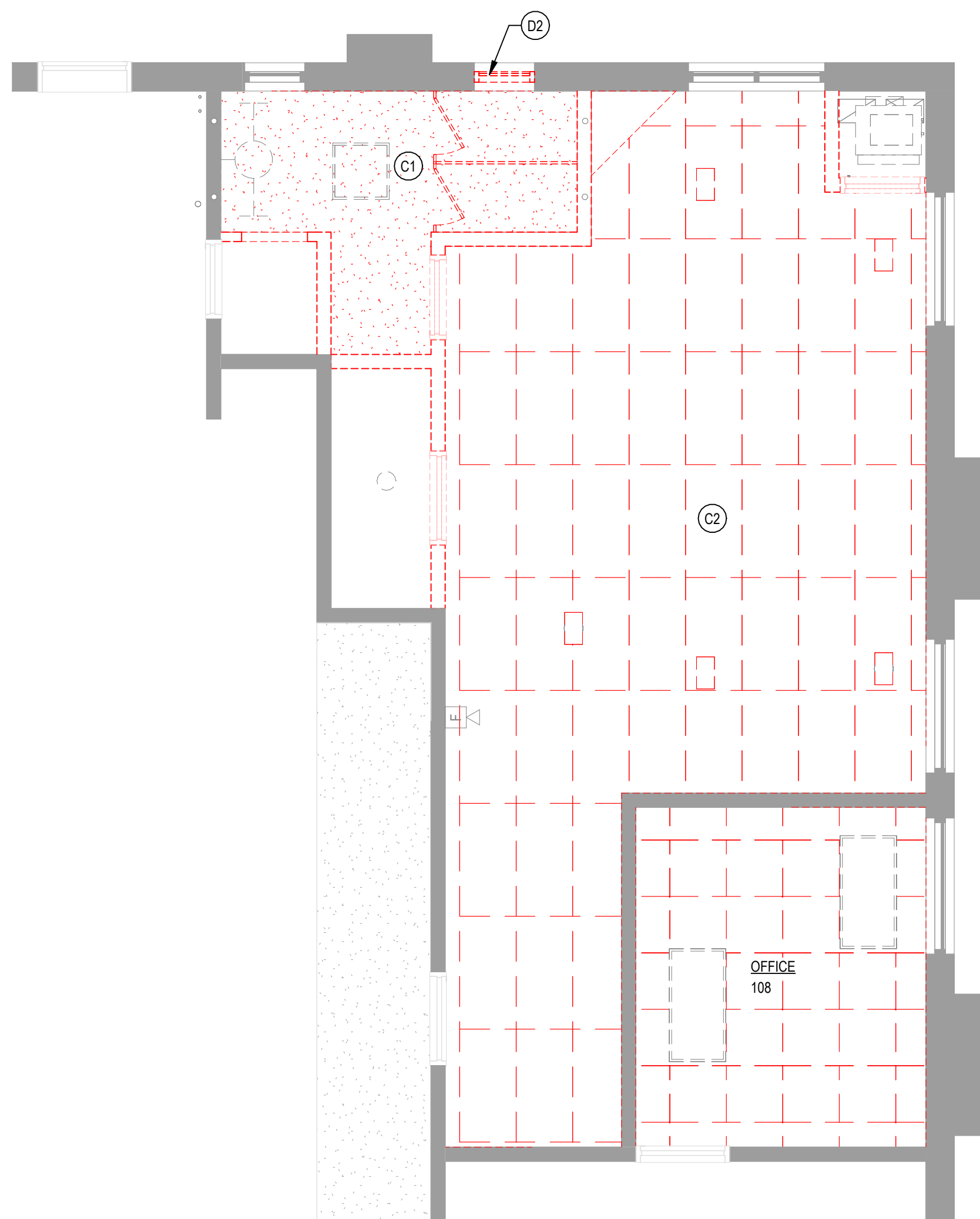
- SHEET VINYL
- UNDERLAYMENT
- LINOLEUM
- T&G HARDWOOD FLOORING
- 2X2 WD. BOARDS EMBEDDED IN 3" OF SOFT CONCRETE MATERIAL
- 1" THICK WD. BOARDS
- 3" CONCRETE SLAB W/ WIRE MESH



1 PARTIAL NORTH EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



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

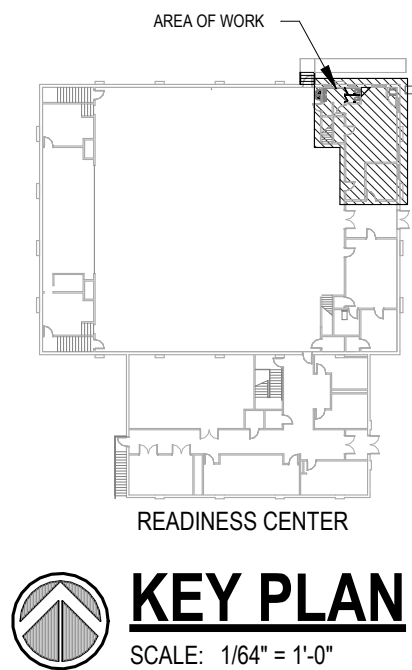


3 FIRST FLOOR REFLECTED CEILING PLAN - DEMOLITION
SCALE: 1/4" = 1'-0"

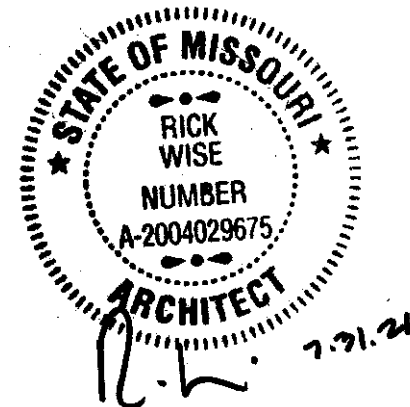
DEMOLITION KEY NOTES	
A-WALL	
A1	REMOVE EXISTING GYP. BOARD & STUD FRAMED WALL PARTITION IN ITS ENTIRETY FROM FLOOR TO TOP OF WALL TO THE EXTENT SHOWN, INCLUDING BUT NOT LIMITED TO GYP. BOARD, TRIM(S), FRAMING, ELECTRICAL AND MECHANICAL (STRUCTURAL STEEL TO REMAIN). REMOVE ELECTRICAL AND MECHANICAL BACK TO JUNCTION OR MAIN SUPPLYING UTILITY AND CAP. REPAIR WALL, FLOORING, CEILING AND ADJACENT WALL(S), IF APPLICABLE, TO MATCH EXISTING FINISH, OR COORDINATE W/ NEW CONSTRUCTION & INTERIOR FINISHES.
A2	EXISTING WALL TO BE KEPT IN PLACE. EXTEND WALL ASSEMBLY ABOVE TO STRUCTURAL DECK. B.O. STRUCTURE APPROXIMATELY 8'-10".
A3	AT LOCATIONS WHERE MECHANICAL/PLUMBING PENETRATIONS ARE ABANDONED, PATCH AND REPAIR AS REQUIRED TO MATCH EXISTING.
B-FLOOR	
B1	REMOVE EXISTING FINISH FLOORING AND WALL BASE AS REQUIRED FOR NEW CONSTRUCTION. SAWCUT SUBFLOOR AS NECESSARY TO INSTALL NEW BELOW SLAB PLUMBING. REMOVE ALL EXISTING FLOORING LAYERS DOWN TO 5" CONCRETE SLAB. PREPARE SUBFLOOR AND WALL TO RECEIVE NEW FINISH FLOORING AND WALL-BASE. COORDINATE EXTENT OF NEW FINISH FLOORING W/ INTERIOR FINISHES. REPAIR WALLS, IF APPLICABLE, TO MATCH EXISTING FINISH, OR COORDINATE W/ NEW CONSTRUCTION & INTERIOR FINISHES.
C-CEILING	
C1	REMOVE EXISTING GYP. BD. FRAMED CEILING SYSTEM TO THE EXTENT SHOWN, INCLUDING BUT NOT LIMITED TO GYP. BD, STUD FRAMING, LIGHT FIXTURES, MECHANICAL DIFFUSERS, SPRINKLER HEADS, ELECTRICAL SIGNAGE AND FIRE DEVICES. COORDINATE EXTENT OF MECHANICAL, ELECTRICAL AND PLUMBING DEMOLITION WITH NEW CONSTRUCTION. REPAIR ADJACENT WALLS, IF APPLICABLE, TO MATCH EXISTING FINISH, OR COORDINATE W/ NEW CONSTRUCTION & INTERIOR FINISHES.
C2	REMOVE EXISTING LAY-IN ACOUSTICAL CEILING SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO CEILING PADS, CEILING GRID, LIGHT FIXTURES, MECHANICAL DIFFUSERS, SPRINKLER HEADS, ELECTRICAL SIGNAGE AND FIRE DEVICES. COORDINATE EXTENT OF MECHANICAL, ELECTRICAL AND PLUMBING DEMOLITION WITH NEW CONSTRUCTION. REPAIR WALLS, IF APPLICABLE, TO MATCH EXISTING FINISH, OR COORDINATE W/ NEW CONSTRUCTION & INTERIOR FINISHES.
D-DOORS & WINDOWS	
D1	REMOVE EXISTING SOLID WOOD DOOR AND WOOD FRAME IN ITS ENTIRETY TO THE ROUGH OPENING, INCLUDING BUT NOT LIMITED TO DOOR LEAF, DOOR FRAME, HARDWARE AND ALL SEALANT. PROTECT AND SALVAGE DOOR AND HARDWARE. RETURN TO OWNER FOR RE-USE. PROTECT AND SALVAGE ADJACENT FINISHED SURFACES. REPAIR WALL, FLOORING, CEILING AND ADJACENT WALL(S), IF APPLICABLE, TO MATCH EXISTING FINISH, OR COORDINATE W/ NEW CONSTRUCTION AND INTERIOR FINISHES.
D2	REMOVE EXISTING WINDOW SYSTEM IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE NEW WALL INFILL PANEL.
F-MISC	
F1	REMOVE EXISTING PLUMBING FIXTURE AND ASSOCIATED PARTITIONS AND ACCESSORIES IN THEIR ENTIRETY. COORDINATE WITH MECHANICAL, PLUMBING OR ELECTRICAL FOR ADDITIONAL SCOPE.
F2	REMOVE EXISTING BUILT-IN WALL SHELVING IN THEIR ENTIRETY. REPAIR WALL TO MATCH EXISTING FINISH, OR COORDINATE W/ NEW CONSTRUCTION & INTERIOR FINISHES.
T-TEMPORARY PARTITION	
T1	PROVIDE TEMPORARY CONSTRUCTION/DUST BARRIER. REFER TO 4/A-000 FOR TEMPORARY BARRIER CONSTRUCTION. THE BARRIER SHALL BE ADEQUATELY SEALED AT ALL PERIMETER CONNECTIONS AND BE MAINTAINED THROUGHOUT THE PROJECT TO PREVENT THE MIGRATION OF DUST FROM THE WORK AREA INTO THE ADJACENT OCCUPIED SPACE. COORDINATE EXACT LOCATION OF BARRIER WITH OWNER TO AVOID CONFLICT WITH EXISTING SURROUNDINGS.

GENERAL DEMOLITION NOTES

- THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL OF ALL SALVAGEABLE ITEMS.
- PROTECT ITEMS NOT BEING REMOVED FROM DAMAGE DURING CONSTRUCTION.
- CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO BIDDING TO DETERMINE THE TOTAL QUANTITIES AND SCOPE OF WORK THAT IS TO OCCUR AND COORDINATE ANY DISCREPANCIES WITH THE ARCHITECT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE INSTALLATION OF NEW WORK WITHIN EXISTING CONDITIONS.
- ALL MATERIALS REMOVED AND NOT REUSED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SPECIFICALLY DESIGNATED TO REMAIN THE PROPERTY OF THE OWNER.
- ALL WALLS INDICATED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL ELECTRICAL RECEPTACLES, SWITCHES AND CONDUITS, TELEPHONE OUTLETS, WIRING, MECHANICAL PIPING, AND PLUMBING, ETC.
- REMOVE ALL SURFACE MOUNTED OBJECTS IN AREA OF WORK THAT ARE ABANDONED AND NOT INTENDED FOR REUSE. PREPARE SURFACE FOR NEW FINISH.
- COORDINATE ALL DEMOLITION WORK BETWEEN TRADES.
- CONTRACTOR SHALL NOTIFY THE ARCHITECT IF DEMOLITION WORK APPEARS TO AFFECT THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING BEFORE PROCEEDING WITH DEMOLITION ACTIVITIES.
- REFER TO REFLECTED CEILING PLANS, MECHANICAL SHEETS, & ELECTRICAL SHEETS FOR ADDITIONAL DEMOLITION INFORMATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING MATERIALS TO REMAIN RESULTING FROM WORK UNDER THIS CONTRACT, AND SHALL RESTORE SUCH DAMAGE TO ITS ORIGINAL CONDITION.
- BEFORE DEMOLITION BEGINS, CONTRACTOR SHALL CONFER WITH THE OWNER AND/OR BUILDING USERS TO SCHEDULE DISRUPTION OF DAILY ACTIVITIES.
- ALL PRODUCTS AND EQUIPMENT SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OF WORK UPON COMPLETION.
- PURSUANT TO THE FEDERAL OSHA EMPLOYEE RIGHT-TO-KNOW ACT, THE CONTRACTOR IS HEREBY ADVISED THAT A POTENTIAL FOR LEAD HAZARD EXISTS. LEAD PAINT CAN BE PRESENT ON OLDER PAINTED SURFACES. THE CONTRACTOR IS ADVISED THAT HE/SHE IS RESPONSIBLE TO COMPLY WITH THE FEDERAL STANDARDS FOR LEAD PAINT IN THE CONSTRUCTION INDUSTRY THAT WERE ADOPTED IN JUNE OF 1993 BY OSHA CFR 29 PART 1926.62. THESE REGULATIONS REQUIRE THE CONTRACTOR TO DEVELOP WORK STRATEGIES WHEN WORKING WITH LEAD TO MINIMIZE AND PROTECT WORKERS FROM LEAD HAZARDS.
- ASBESTOS ABATEMENT WILL BE PERFORMED UNDER SEPARATE CONTRACT. IF ASBESTOS IS SUSPECTED OR DISCOVERED DURING DEMOLITION, NOTIFY THE ARCHITECT.
- CONSTRUCTION AREA SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OF WORK UPON COMPLETION.
- FINAL CLEANING SHALL INCLUDE THE FOLLOWING:
 - REMOVE LABELS THAT ARE NOT INTENDED TO BE PERMANENT.
 - CLEAN ALL TRANSPARENT SURFACES, INCLUDING MIRRORS AND GLASS IN DOORS AND WINDOWS.
 - CLEAN EXPOSED SURFACES AND INTERIOR HARD-SURFACED FINISHES TO A DUST-FREE CONDITION.



STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



CLARK &
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p. 816-474-8237

Certificate of Authority to Offer Architectural Services:
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Certificate of Authority to Offer Engineering Services:
#E-2005030491-F
Certificate of Authority to Offer Landscape Architectural Services: #LA-2005029859-D

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Chillicothe Readiness Center -
USB Roof Replacement &
Latrine Renovation

1500 Washington St.
Chillicothe, MO 64601

PROJECT #: T2519-01

SITE #: 6252

ASSET #: 8136252002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 7/31/2026

DRAWN BY: JK
CHECKED BY: RW
DESIGNED BY: JK

SHEET TITLE:
First Floor Demolition
Plans

SHEET NUMBER:

A-100

12 OF 35 SHEETS
7/31/2026



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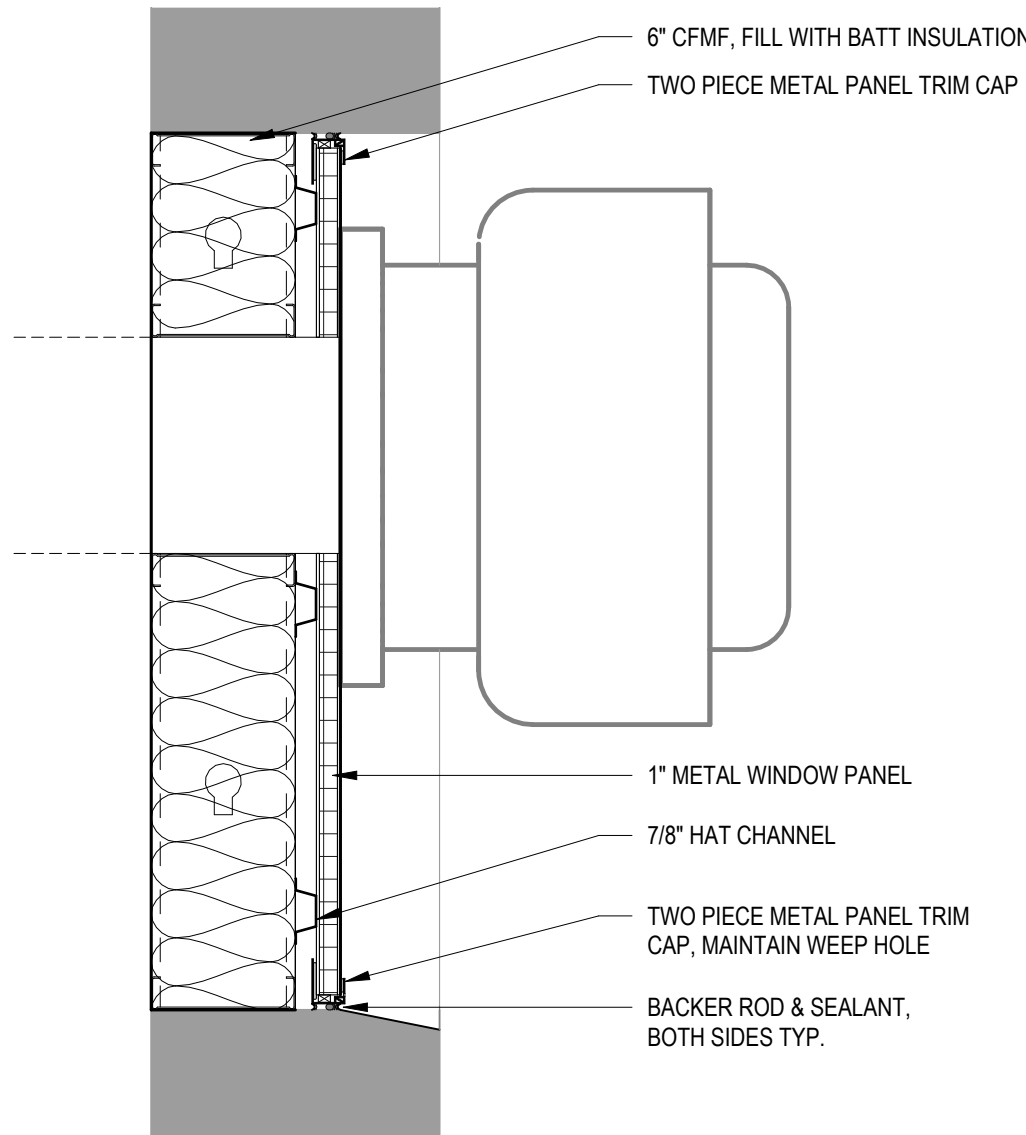
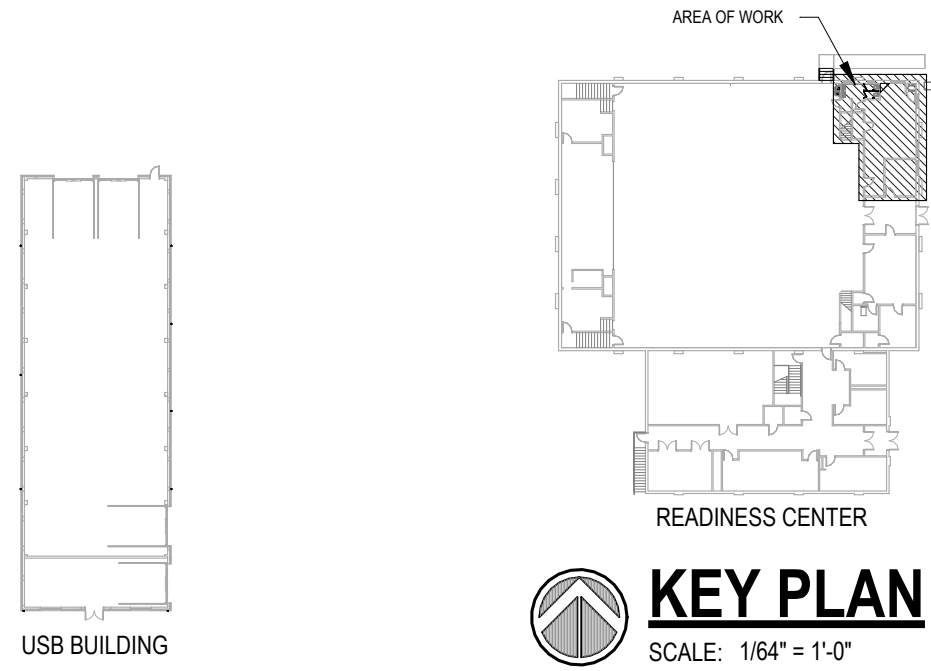
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CHECKED BY: RW
DESIGNED BY: JK

SHEET TITLE:
First Floor Plan &
Reflected Ceiling Plan

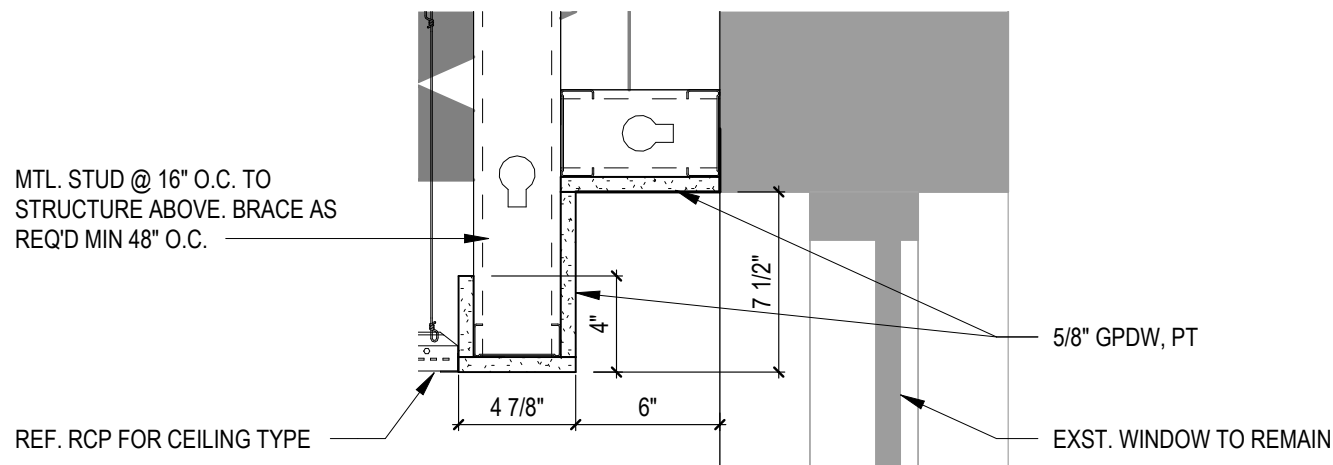
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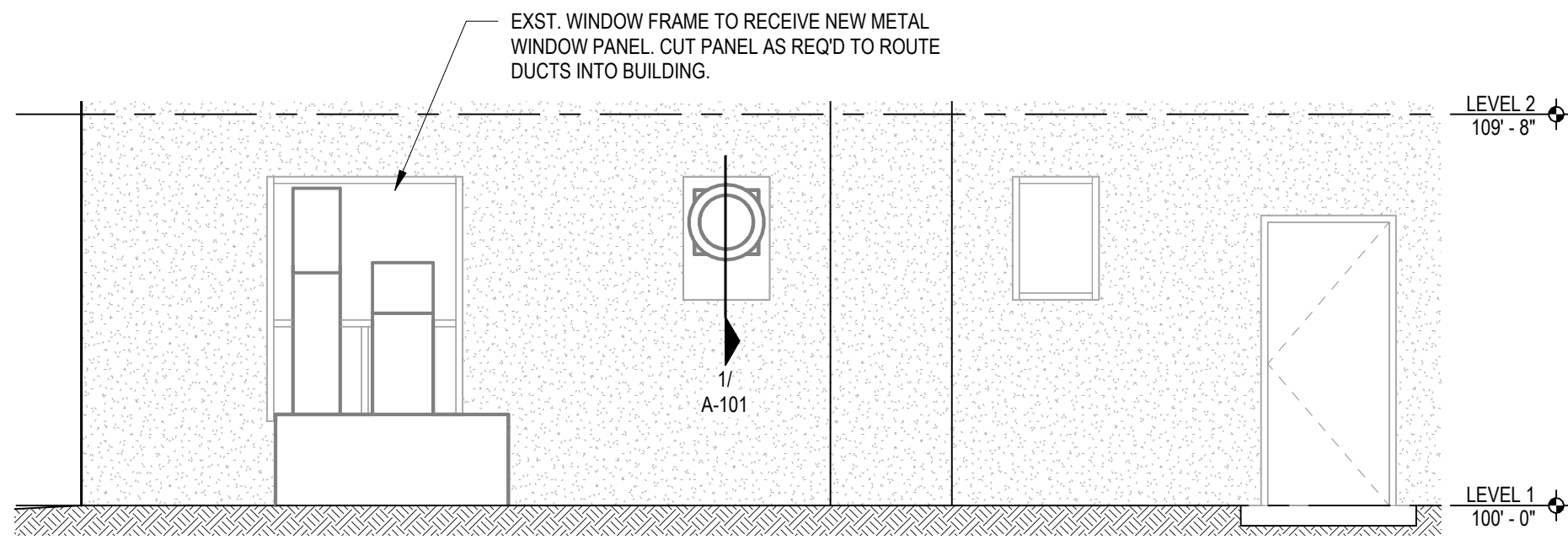
13 OF 35 SHEETS
7/31/2026



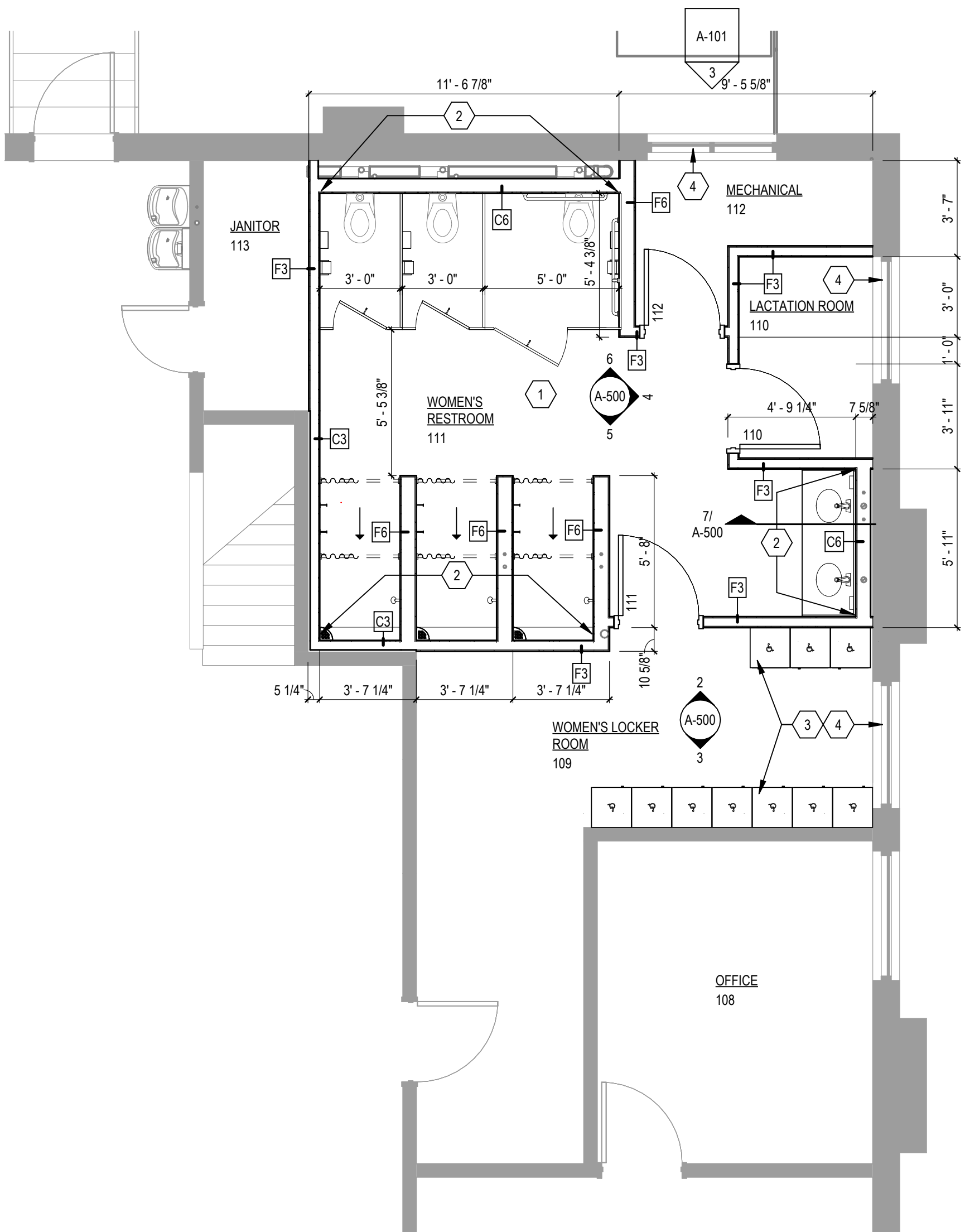
1 MECH. EF PENETRATION DETAIL
SCALE: 1 1/2" = 1'-0"



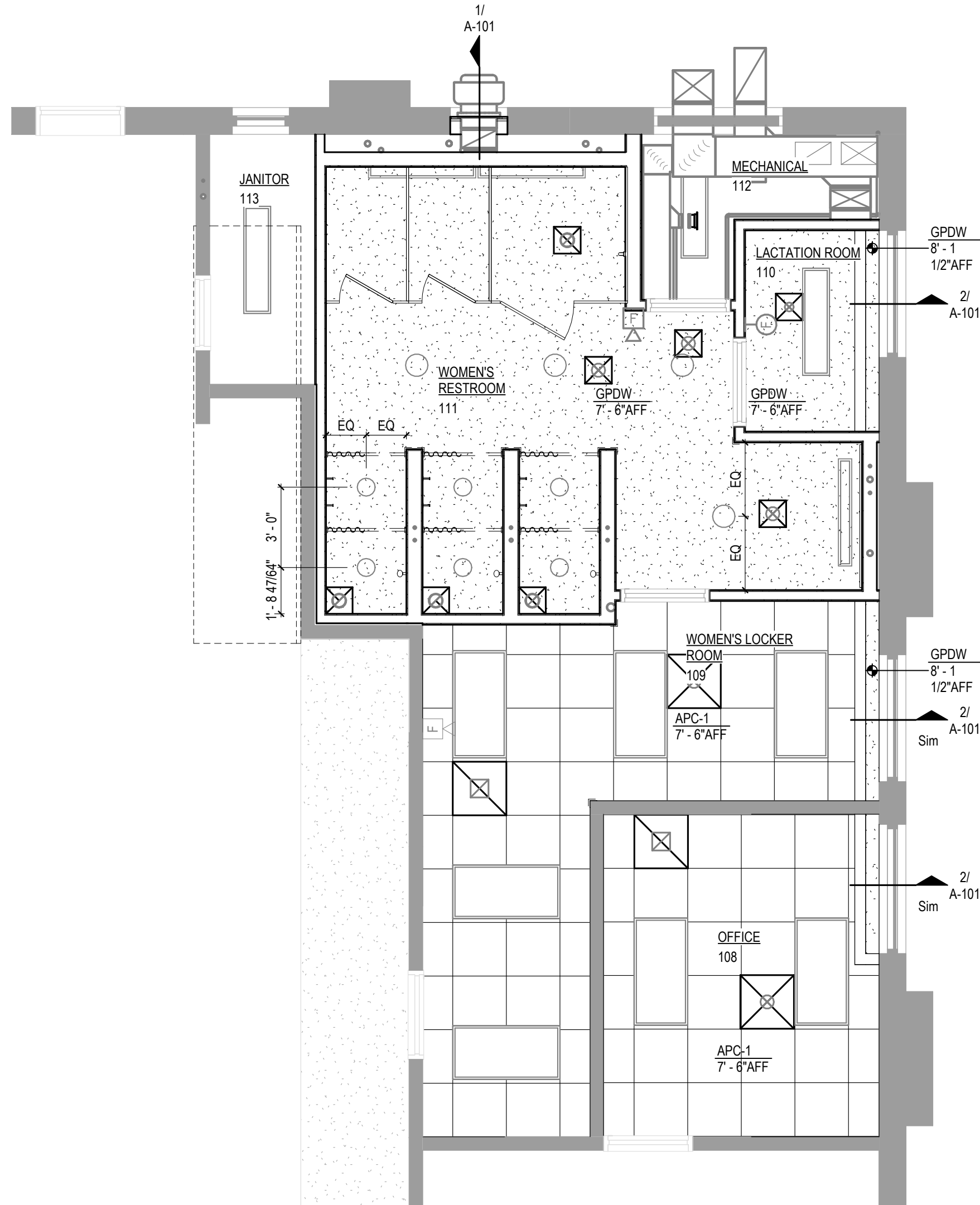
2 CEILING DTL - WINDOW HEAD
SCALE: 1 1/2" = 1'-0"



3 PARTIAL NORTH EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



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



5 FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

RCP GENERAL NOTES

1. GPDW BULKHEADS SHALL BE FRAMED WITH 25 GAUGE 3 5/8" STEEL STUDS @ 16" O.C. AND 5/8" TYPE 'X' GPDW TO 6" ABOVE FINISH CEILING. BRACE AS NOTED IN DETAIL.
2. LIGHTING FIXTURES AND MECHANICAL DIFFUSERS / GRILLES ARE SHOWN FOR REFERENCE ONLY. SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR EXACT LOCATIONS.
3. ELEVATION TAGS ARE IN REFERENCE TO ARCHITECTURAL ELEVATIONS.
4. WHERE CEILINGS ARE EXPOSED TO STRUCTURE ABOVE, PAINT ALL UNFINISHED MATERIALS OVERHEAD INCLUDING, BUT NOT LIMITED TO ROOF DECKING, DUCTS, PIPES, CONDUITS & JUNCTION BOXES; SEE FINISH SHEETS FOR PAINT.
5. PROVIDE ACCESS PANELS AS REQUIRED IN HARD LID CEILINGS. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS.

RCP LEGEND

	5/8" SUSPENDED GPDW CEILING SYSTEM
	ACOUSTICAL PANEL CEILING SYSTEM. SEE ROOM FINISH SCHEDULE & RCP FOR TYPE.
	RECESSED & PENDANT MOUNTED LIGHT FIXTURES, REF: ELECTRICAL
	RECESSED DOWNLIGHT, REF: ELECTRICAL
	EXIT SIGNAGE, REF: ELECTRICAL
	RETURN AIR / EXHAUST AIR GRILLE, REF: MECHANICAL
	SUPPLY AIR DIFFUSER, REF: MECHANICAL

RCP ABBREVIATIONS

APC - ACOUSTICAL PANEL CEILING
GPDW - GYPSUM DRY WALL

GENERAL PLAN NOTES

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS SHOWN ON THE PLANS PRIOR TO COMMENCEMENT OF THE WORK. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE INSTALLATION OF NEW WORK WITHIN THESE EXISTING CONDITIONS. ANY DEVIATIONS IN EXISTING CONDITIONS OR DIMENSIONS INDICATED SHALL BE COORDINATED WITH THE ARCHITECT AND OWNER.
2. ALL WALL / GENERAL PLAN DIMENSIONS ARE TO FACE OF MASONRY, FACE OF CONCRETE, AND TO FACE OF GYP. BOARD, TYP.
3. CONSTRUCTION OF WALLS ARE DESIGNATED STARTING ON TAG SIDE OF WALL.
4. ALL INTERIOR WALL FRAMING NOTED IN WALL TYPE SCHEDULE EXTENDS TO STRUCTURAL DECKING, BRACE AS REQUIRED. PROVIDE DEEP LEG SLIP TRACK AT TOP OF ALL INTERIOR WALLS / STUDS EXTENDING TO STRUCTURE TO ALLOW FOR DEFLECTION OF STRUCTURE.
5. INTERIOR DOOR FRAMES SHALL BE INSTALLED WITH THE HINGE SIDE OF DOOR FRAME 4" FROM ADJACENT WALL, UNLESS OTHERWISE DIMENSIONED.
6. ALL STEEL STUDS ARE MIN. 25 GA. UNLESS NOTED OTHERWISE. 20 GA STEEL STUDS REQUIRED AT ALL CEMENTITIOUS BACKER BOARD AND ABUSE RESISTANT GYPSUM BOARD AS SPECIFIED.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR PRICING AND INSTALLATION OF APPROPRIATE FRAMING NEEDED FOR WALLS HEIGHT. REFER TO "INTERIOR STEEL STUD FRAMING GAUGE TABLE (1)" ON SHEET A0.00 FOR FRAMING GAGES AND STUD SIZING REQUIREMENTS.
8. REFER TO CODE COMPLIANCE PLANS FOR LOCATION OF FIRE RATED WALLS AND SMOKE SEPARATION WALL LOCATIONS AND REQUIREMENTS.
9. ALL OPENINGS IN RATED ASSEMBLIES SHALL BE SEALED WITH FIRE / SMOKE RATED MATERIALS AND ASSEMBLIES. INSTALL RATED JOINT SEALANTS AT BOTH FACES OF PARTITIONS, AT PERIMETERS, AND THROUGH FIRE RATED ASSEMBLIES. REFERENCE CODE COMPLIANCE PLANS FOR LOCATION OF RATED ASSEMBLIES.
10. ALL STC-RATED WALL ASSEMBLIES AND PARTITIONS INDICATED SHALL HAVE STAGGERED SHEATHING AND GYP. BOARD JOINTS ON OPPOSITE SIDES OF ASSEMBLIES. REFERENCE WALL TYPE SCHEDULE FOR SOUND ATTENUATION INSULATION REQUIRED WITHIN STUD CAVITIES. SEAL ASSEMBLIES AT CONSTRUCTION PERIMETERS, DECKING MATERIAL (TOP & BOTTOM), BEHIND CONTROL JOINTS, AND AT ALL OPENINGS AND PENETRATIONS WITH A CONTINUOUS BEAD OF ACOUSTICAL JOINT SEALANT. INSTALL ACOUSTICAL JOINT SEALANTS AT BOTH FACES OF ASSEMBLIES.
11. GENERAL CONTRACTOR SHALL COORDINATE REPAINTING OF WALLS BETWEEN SUBCONTRACTORS AFTER EXISTING FIXTURES ARE SCHEDULED TO BE REMOVED AND PRIOR TO FIXTURES BEING REINSTALLED. REFER TO ELECTRICAL & MECHANICAL PLANS.
12. ALL WALL BOARD IN MECHANICAL ROOMS SHALL BE MOLD & MOISTURE RESISTANT DRYWALL.

KEY NOTES

1	EPOXY FLOOR SYSTEM (EPX-1) W/ 4" INTEGRAL EPOXY COVE BASE, REF: FINISH PLAN.
2	ALL WET WALL LOCATIONS TO HAVE MOISTURE AND MOLD RESISTANT GPDW AND RECEIVE EPOXY COATING FINISH.
3	LOCKERS, FURNISHED BY OWNER AND CONTRACTOR INSTALLED.
4	EXISTING WINDOWS TO RECEIVE PRIVACY FILM ON INTERIOR OF WINDOW.



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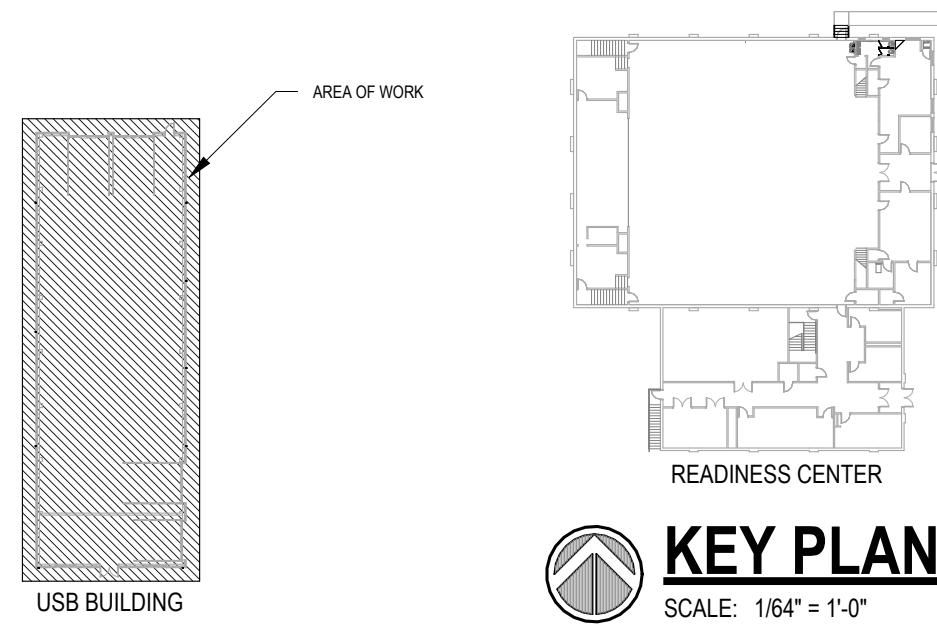
SHEET TITLE:

Roof Demolition Plan &
Roof Plan - USB
Building

SHEET NUMBER:

A-200

14 OF 35 SHEETS
7/31/2026



GENERAL DEMOLITION NOTES

1. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL OF ALL SALVAGEABLE ITEMS.
2. PROTECT ITEMS NOT BEING REMOVED FROM DAMAGE DURING CONSTRUCTION.
3. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO BIDDING TO DETERMINE THE TOTAL QUANTITIES AND SCOPE OF WORK THAT IS TO OCCUR AND COORDINATE ANY DISCREPANCIES WITH THE ARCHITECT.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE INSTALLATION OF NEW WORK WITHIN EXISTING CONDITIONS.
5. ALL MATERIALS REMOVED AND NOT REUSED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SPECIFICALLY DESIGNATED TO REMAIN THE PROPERTY OF THE OWNER.
6. ALL WALLS INDICATED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL ELECTRICAL RECEPTACLES, SWITCHES AND CONDUITS, TELEPHONE OUTLETS, WIRING, MECHANICAL PIPING, AND PLUMBING, ETC.
7. REMOVE ALL SURFACE MOUNTED OBJECTS IN AREA OF WORK THAT ARE ABANDONED AND NOT INTENDED FOR REUSE. PREPARE SURFACE FOR NEW FINISH.
8. COORDINATE ALL DEMOLITION WORK BETWEEN TRADES.
9. CONTRACTOR SHALL NOTIFY THE ARCHITECT IF DEMOLITION WORK APPEARS TO AFFECT THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING BEFORE PROCEEDING WITH DEMOLITION ACTIVITIES.
10. REFER TO REFLECTED CEILING PLANS, MECHANICAL SHEETS, & ELECTRICAL SHEETS FOR ADDITIONAL DEMOLITION INFORMATION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING MATERIALS TO REMAIN RESULTING FROM WORK UNDER THIS CONTRACT, AND SHALL RESTORE SUCH DAMAGE TO ITS ORIGINAL CONDITION.
12. BEFORE DEMOLITION BEGINS, CONTRACTOR SHALL CONFER WITH THE OWNER AND/OR BUILDING USERS TO SCHEDULE DISRUPTION OF DAILY ACTIVITIES.
13. ALL PRODUCTS AND EQUIPMENT SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OF WORK UPON COMPLETION.
14. PURSUANT TO THE FEDERAL OSHA EMPLOYEE RIGHT-TO-KNOW ACT, THE CONTRACTOR IS HEREBY ADVISED THAT A POTENTIAL FOR LEAD HAZARD EXISTS. LEAD PAINT CAN BE PRESENT ON OLDER PAINTED SURFACES. THE CONTRACTOR IS ADVISED THAT HE/SHE IS RESPONSIBLE TO COMPLY WITH THE FEDERAL STANDARDS FOR LEAD PAINT IN THE CONSTRUCTION INDUSTRY THAT WERE ADOPTED IN JUNE OF 1993 BY OSHA CFR 29 PART 1926.62. THESE REGULATIONS REQUIRE THE CONTRACTOR TO DEVELOP WORK STRATEGIES WHEN WORKING WITH LEAD TO MINIMIZE AND PROTECT WORKERS FROM LEAD HAZARDS.
15. ASBESTOS ABATEMENT WILL BE PERFORMED UNDER SEPARATE CONTRACT. IF ASBESTOS IS SUSPECTED OR DISCOVERED DURING DEMOLITION, NOTIFY THE ARCHITECT.
16. CONSTRUCTION AREA SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OF WORK UPON COMPLETION.
17. FINAL CLEANING SHALL INCLUDE THE FOLLOWING:
 - A. REMOVE LABELS THAT ARE NOT INTENDED TO BE PERMANENT.
 - B. CLEAN ALL TRANSPARENT SURFACES, INCLUDING MIRRORS AND GLASS IN DOORS AND WINDOWS.
 - C. CLEAN EXPOSED SURFACES AND INTERIOR HARD-SURFACED FINISHES TO A DUST-FREE CONDITION

ROOF DEMOLITION KEY NOTES

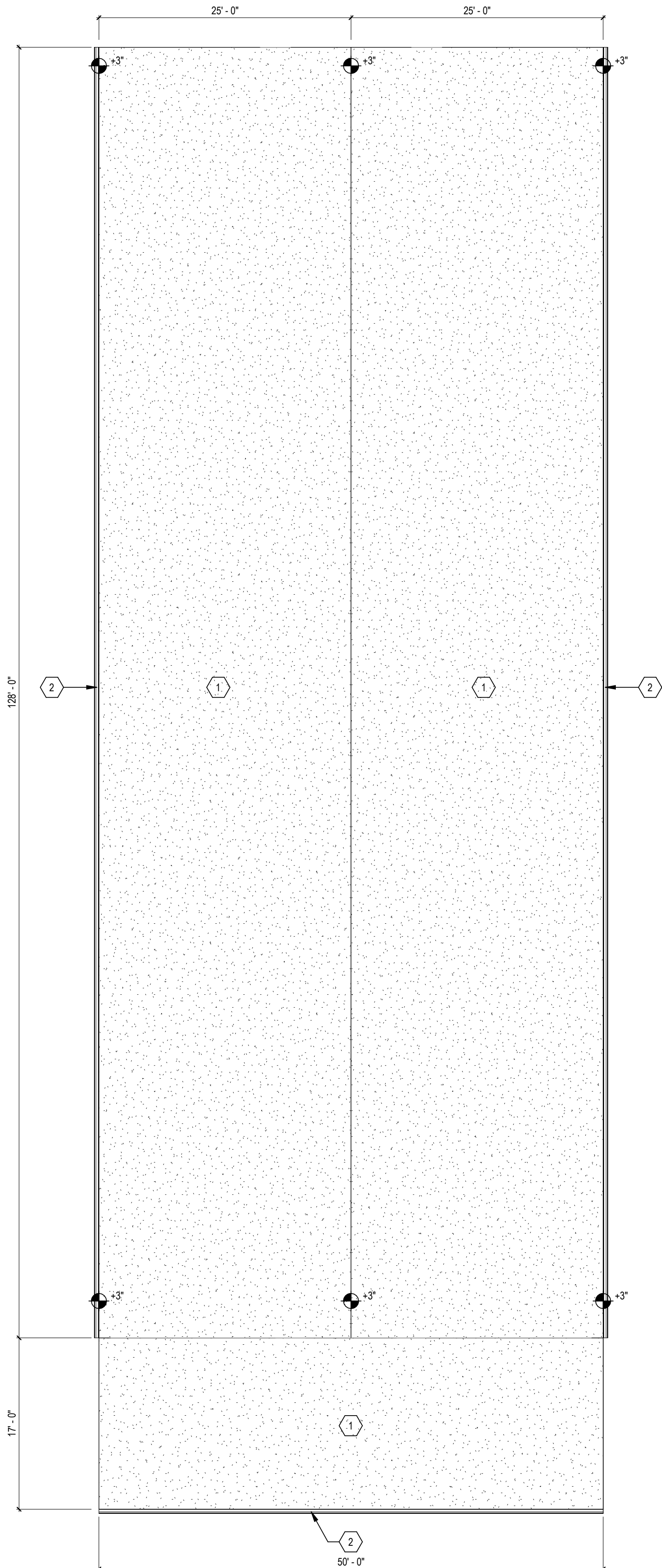
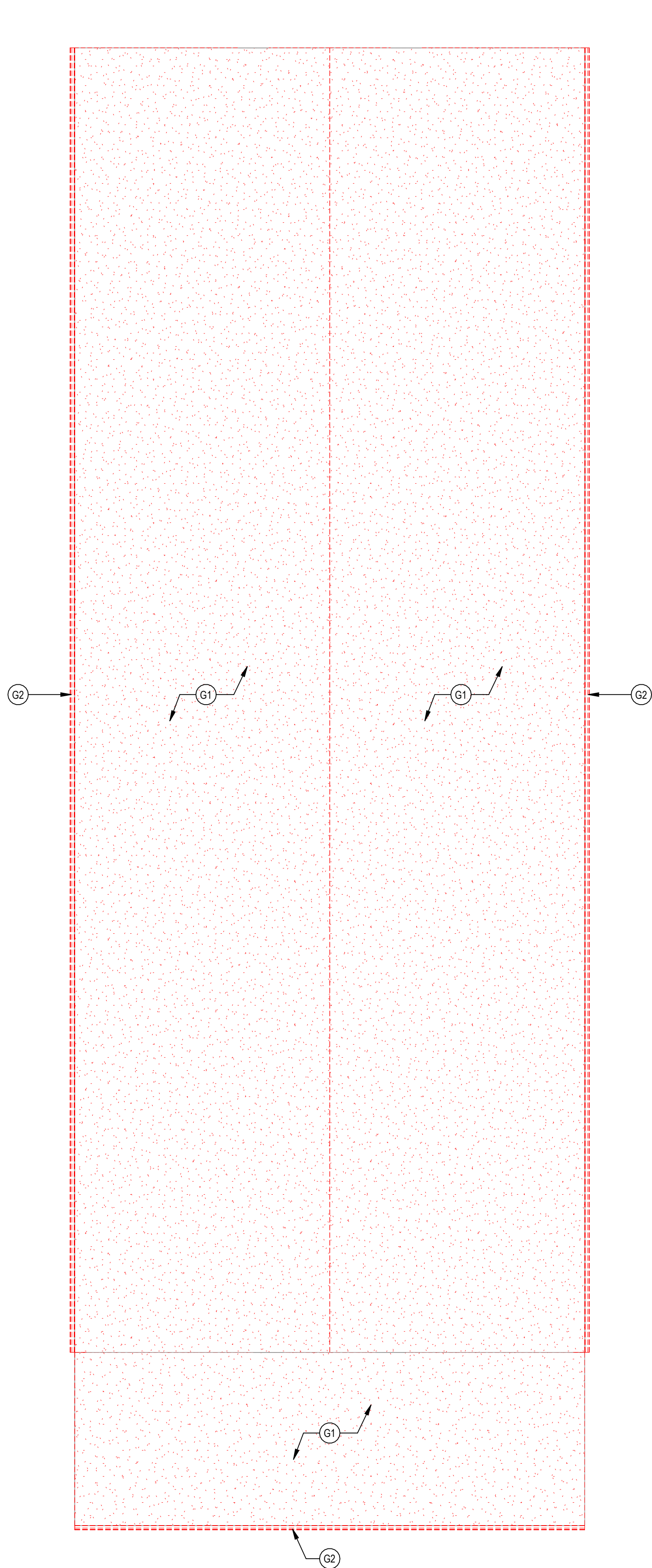
G-ROOF	
G1	REMOVE EXISTING INSULATION AND ROOFING MEMBRANE TO RECEIVE NEW EPDM MEMBRANE FOR ROOF RE-COVERING.
G2	REMOVE EXISTING METAL GUTTER SYSTEM IN ITS ENTIRETY, INCLUDING BUT NOT LIMITED TO GUTTER, DOWNSPOUTS, GUTTER ANCHORS AND DOWNSPOUT ANCHORS AND PREPARE FOR NEW GUTTER AND DOWNSPOUT SYSTEM COORDINATED WITH NEW ROOF.

ROOF PLAN GENERAL NOTES

1. ALL ROOFING SHALL BE INSTALLED IN ACCORDANCE WITH - THE NRCA ROOFING MANUAL: MEMBRANE ROOF SYSTEMS - 2007.
2. ROOFING SYSTEM SHALL BE A **80mil FULLY ADHERED EPDM ROOFING SYSTEM OVER POLYISOCYANURATE ROOF INSULATION. SYSTEM SHOULD QUALIFY FOR A MINIMUM 15 YEAR WARRANTY.**
3. ROOF INSULATION THICKNESS SHALL BE PROVIDED AS NOTED ON ROOF PLAN.
4. TYPICAL NOTATION: (+4 1/2" e.g.) INDICATES THE HEIGHT OR THICKNESS OF MATERIALS ABOVE THE ROOF DECK INCLUDING TAPERED POLYISOCYANURATE INSULATION, AND/OR TYP. BASE POLYISOCYANURATE INSULATION THICKNESS. SLOPE REQUIREMENTS DICTATE THICKNESSES- VERIFY THICKNESS INDICATIONS.
5. PROVIDE CHAMFERS, CRICKETS AND SADDLES AS REQUIRED @ INSULATION HEIGHT TRANSITIONS & OBSTRUCTIONS TO DRAINAGE.
6. VERIFY ALL MECHANICAL PENETRATIONS WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR.
7. INSTALL GUTTERS, CONDUCTOR HEADS AND DOWNSPOUTS IN ACCORDANCE WITH SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA) AND NATIONAL ROOFING CONTRACTORS ASSOCIATION (NRCA) ROOFING MANUAL.
8. INSTALL MECHANICAL EQUIPMENT WITH 8" MINIMUM TO TOP OF CURB FROM ADJACENT NEW ROOF MEMBRANE & PROVIDE 2-PIECE FLASHING. ADJUST CURBS AS NECESSARY TO MAINTAIN MINIMUM FLASHING REQUIREMENTS.

ROOF PLAN KEY NOTES

1	NEW EPDM MEMBRANE ROOFING SYSTEM.
2	NEW PREFINISHED METAL GUTTER AND DOWNSPOUT SYSTEM. LOCATE NEW DOWNSPOUTS AT SAME LOCATIONS AS EXISTING.





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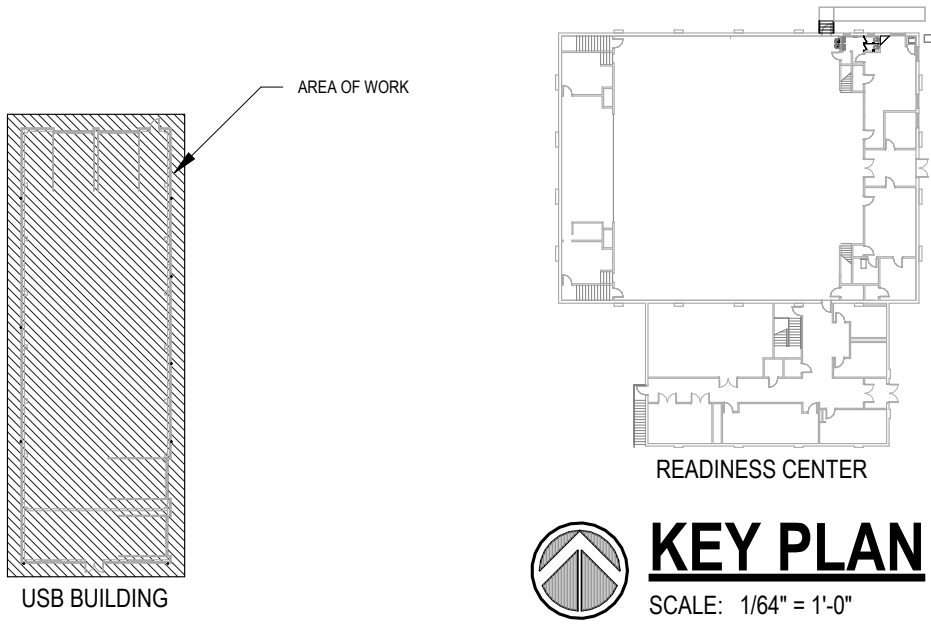
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DESIGNED BY: JK

SHEET TITLE:
Exterior Demolition
Elevations - USB
Building

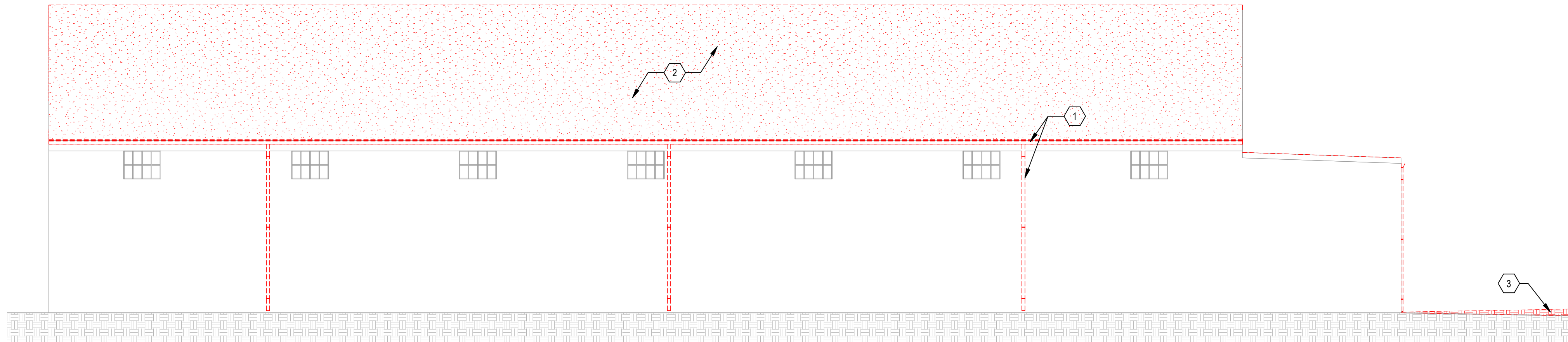
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7/31/2026

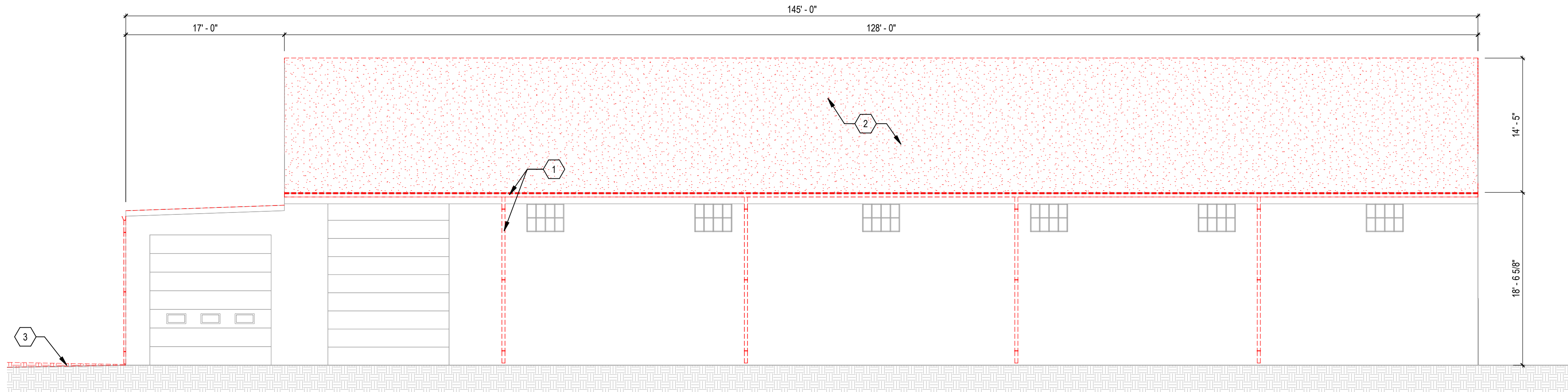


ELEVATION DEMOLITION KEY NOTES	
1	REMOVE EXISTING METAL GUTTER SYSTEM AND DOWNSPOUTS.
2	PREPARE EXISTING ROOFING MEMBRANE TO RECEIVE NEW EPDM MEMBRANE FOR ROOF RECOVERING.
3	CUT PORTION OF EXISTING GRADE TO SLOPE AWAY FROM USB BUILDING. REF. TO LANDSCAPE ARCHITECTURE DRAWINGS.



1 USB WEST ELEVATION - DEMOLITION

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



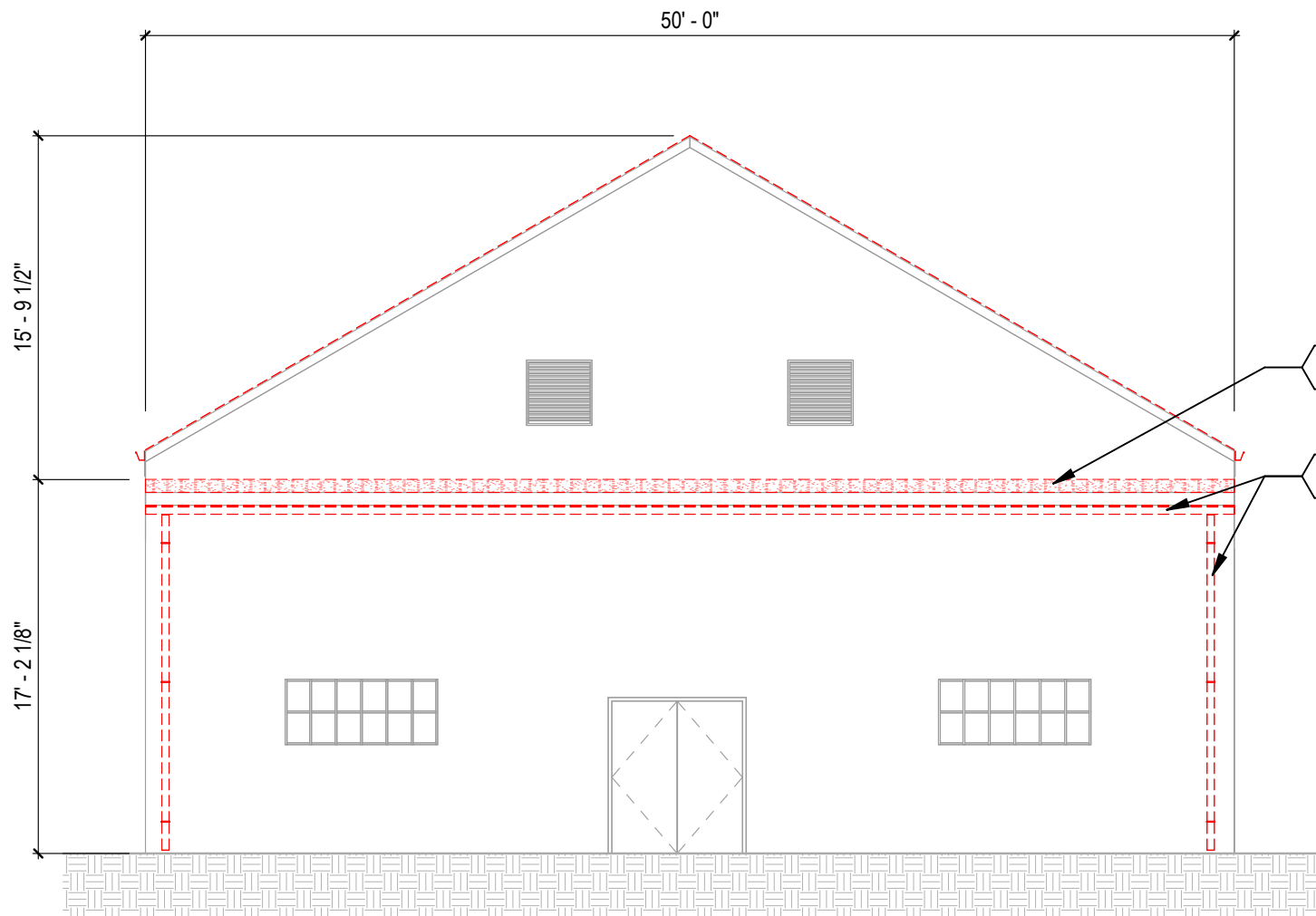
3 USB EAST ELEVATION - DEMOLITION

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



2 USB NORTH ELEVATION - DEMOLITION

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



4 USB SOUTH ELEVATION - DEMOLITION

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



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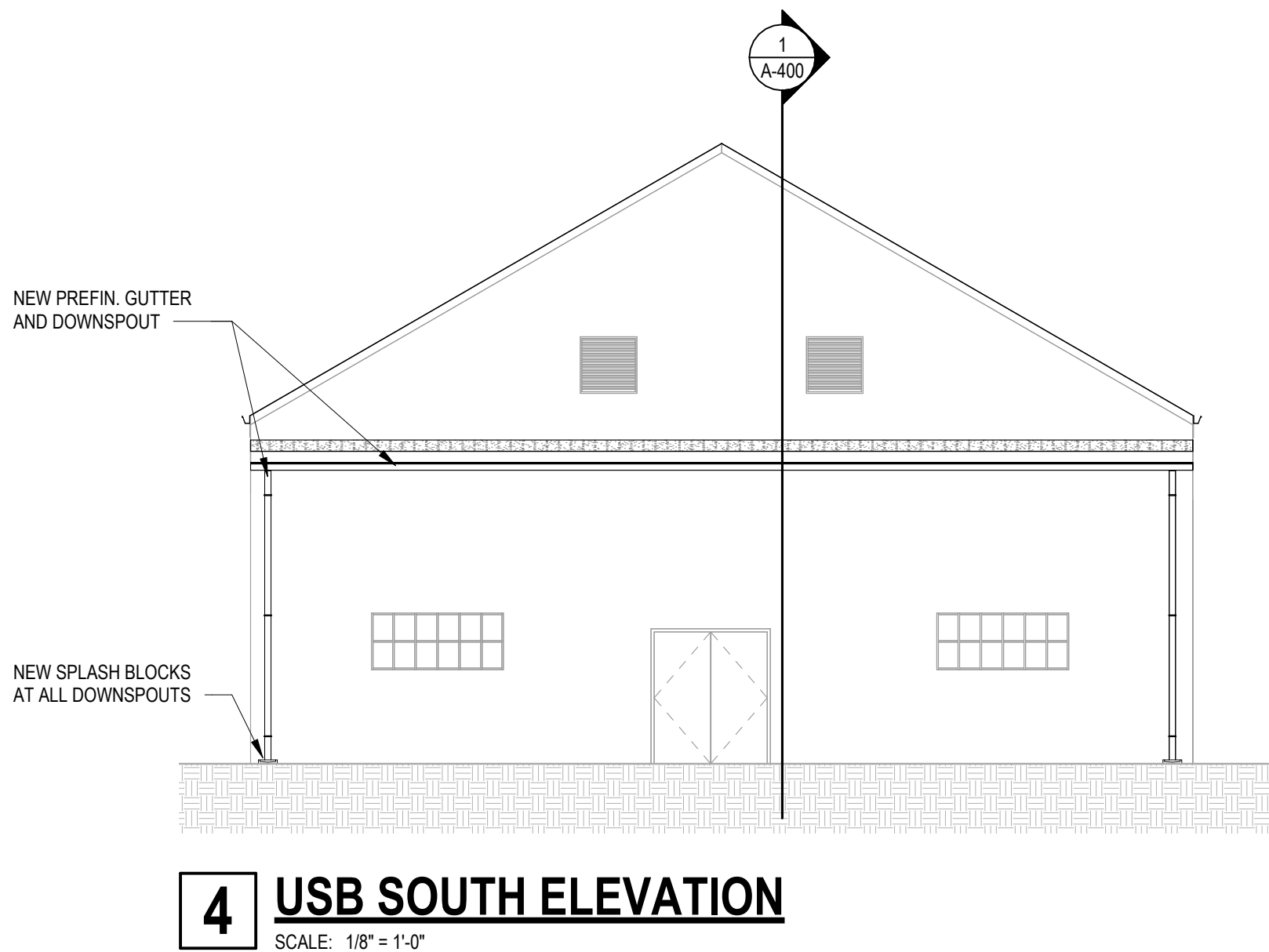
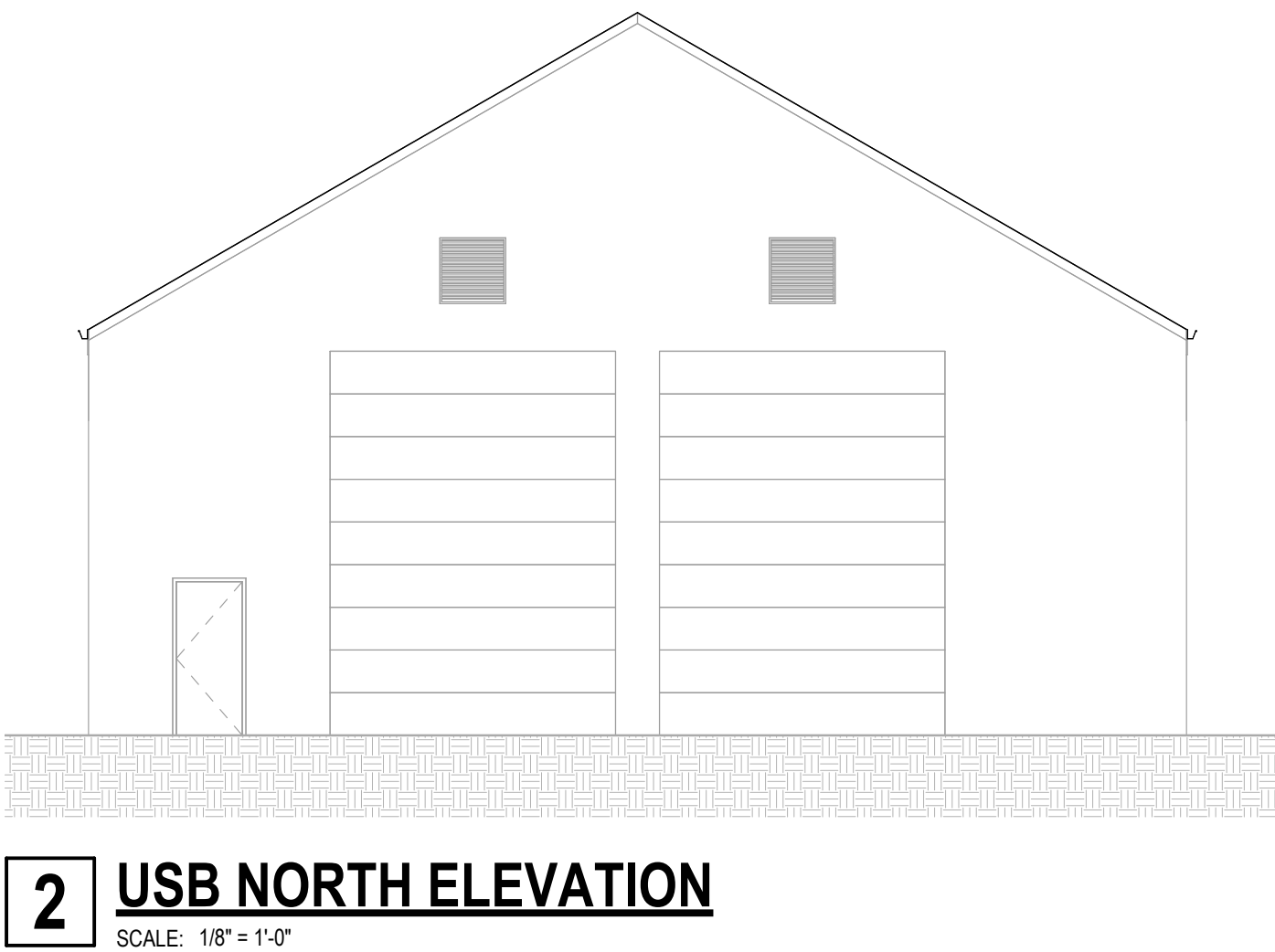
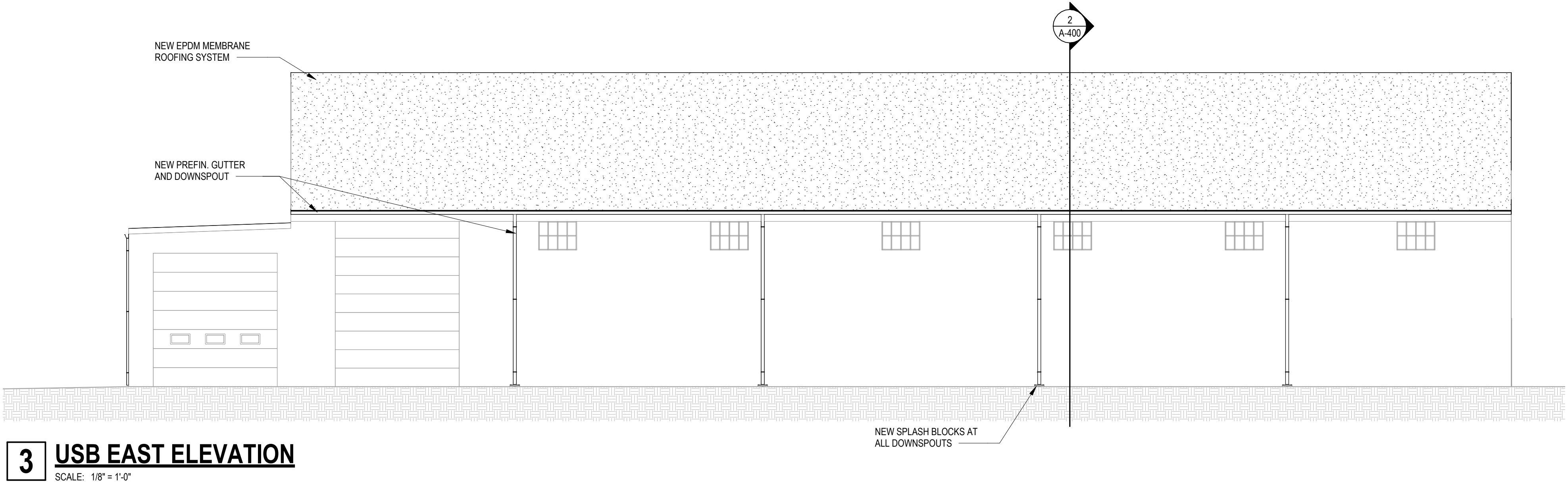
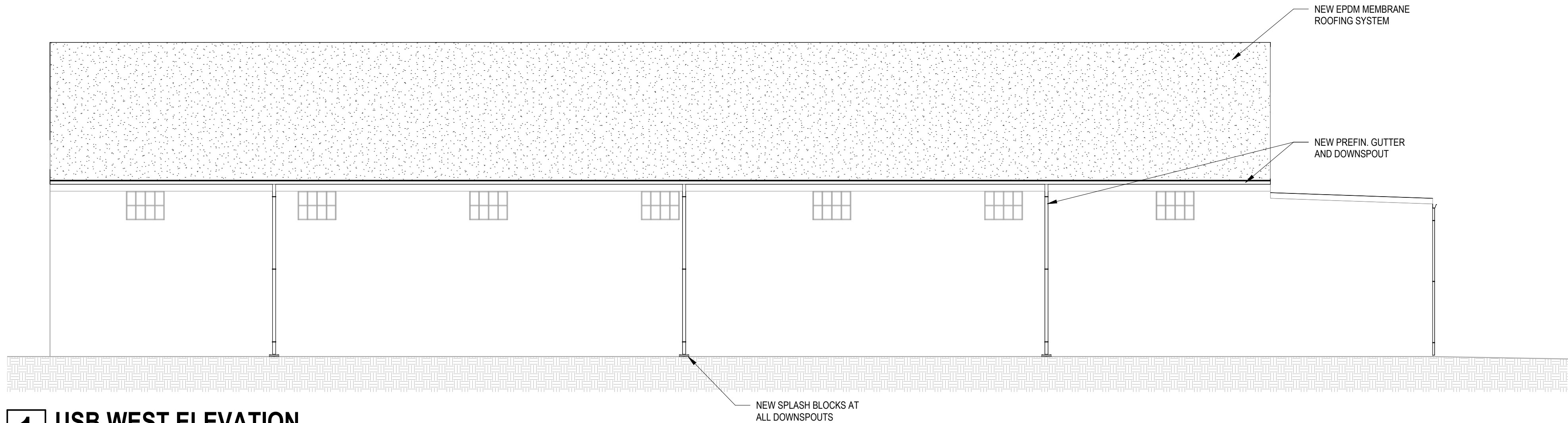
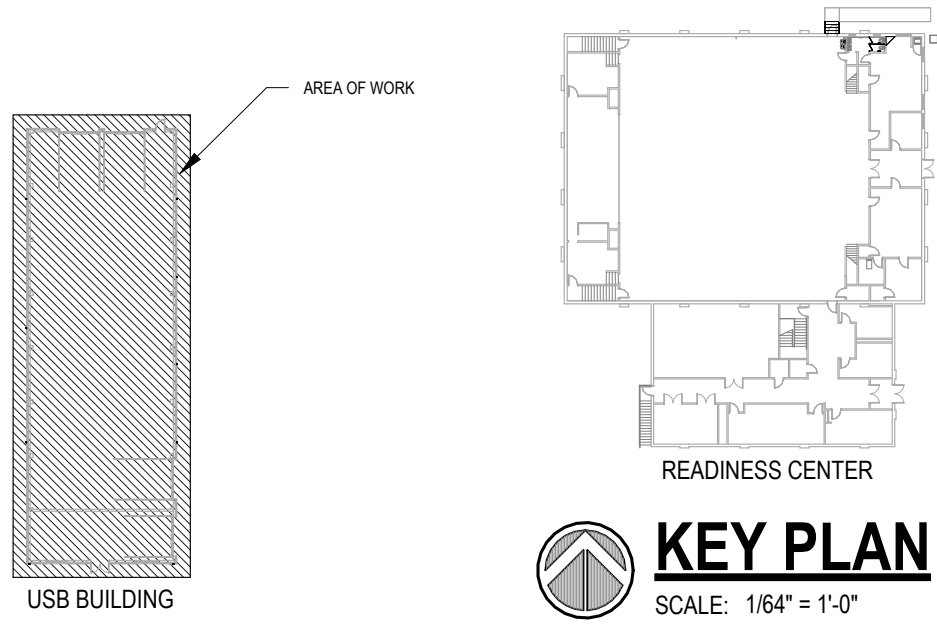
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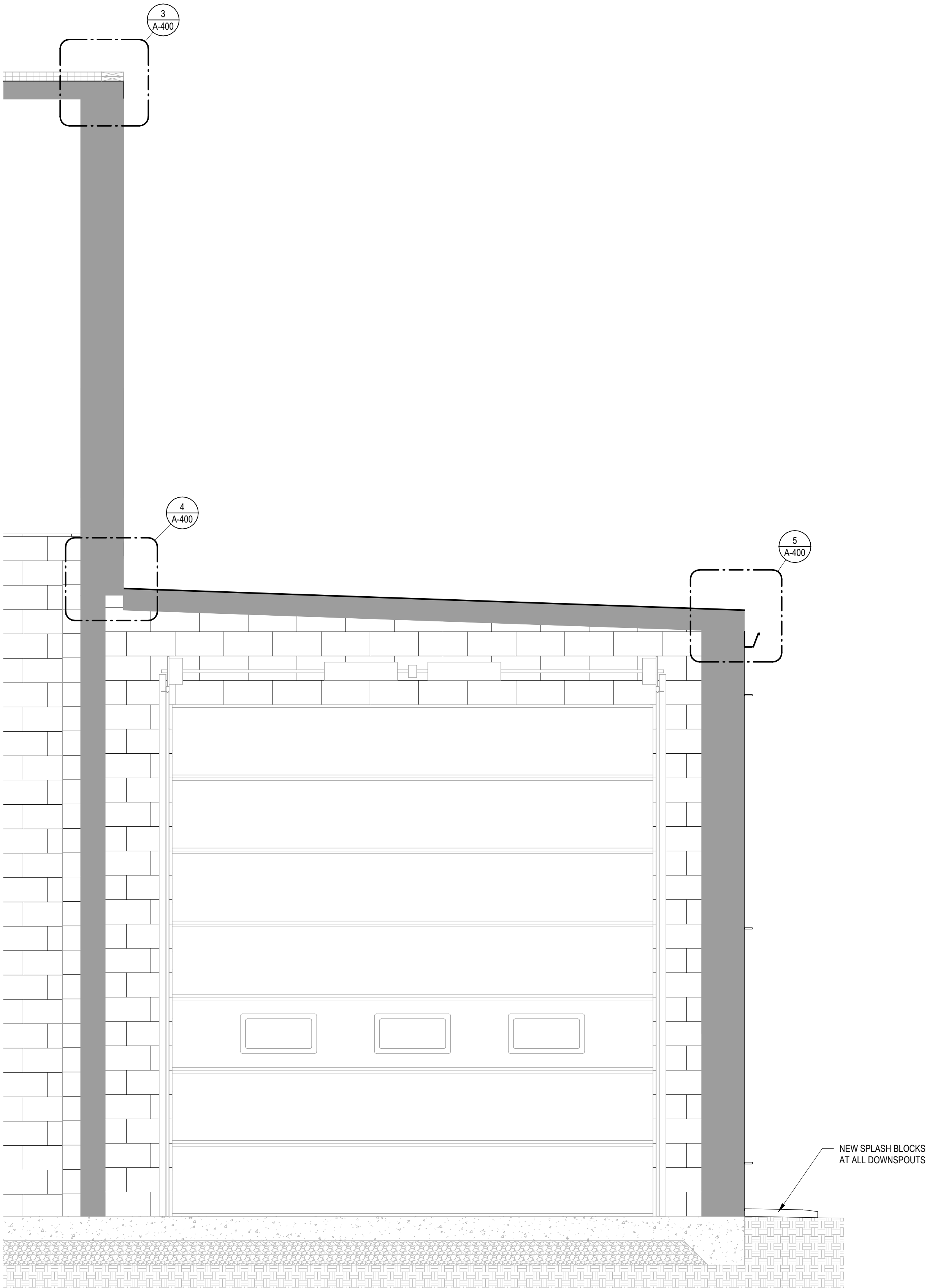
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USB Building

SHEET NUMBER:

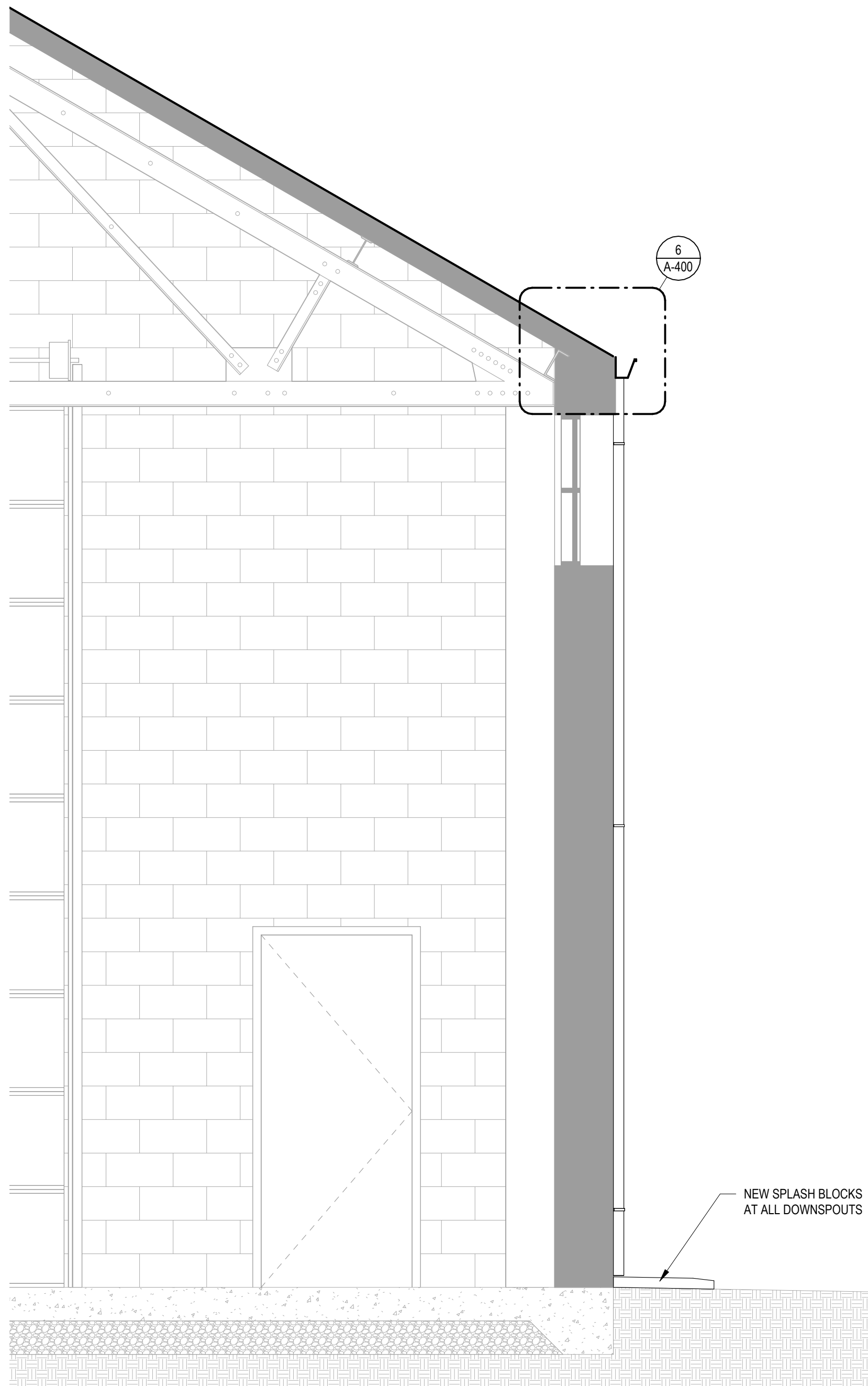
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16 OF 35 SHEETS
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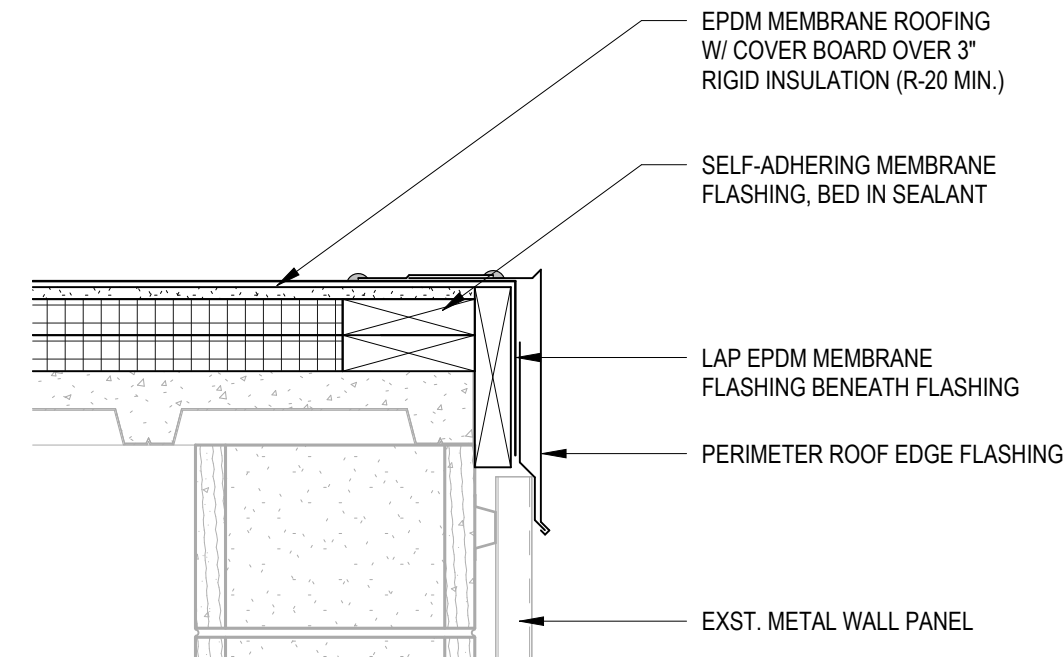




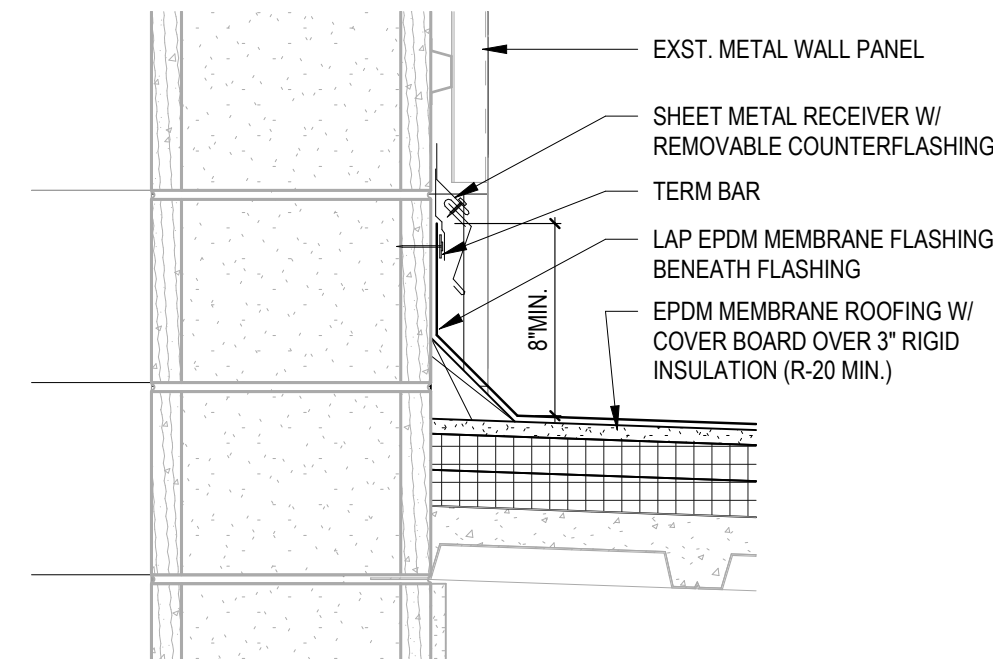
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SCALE: 1/2" = 1'-0"



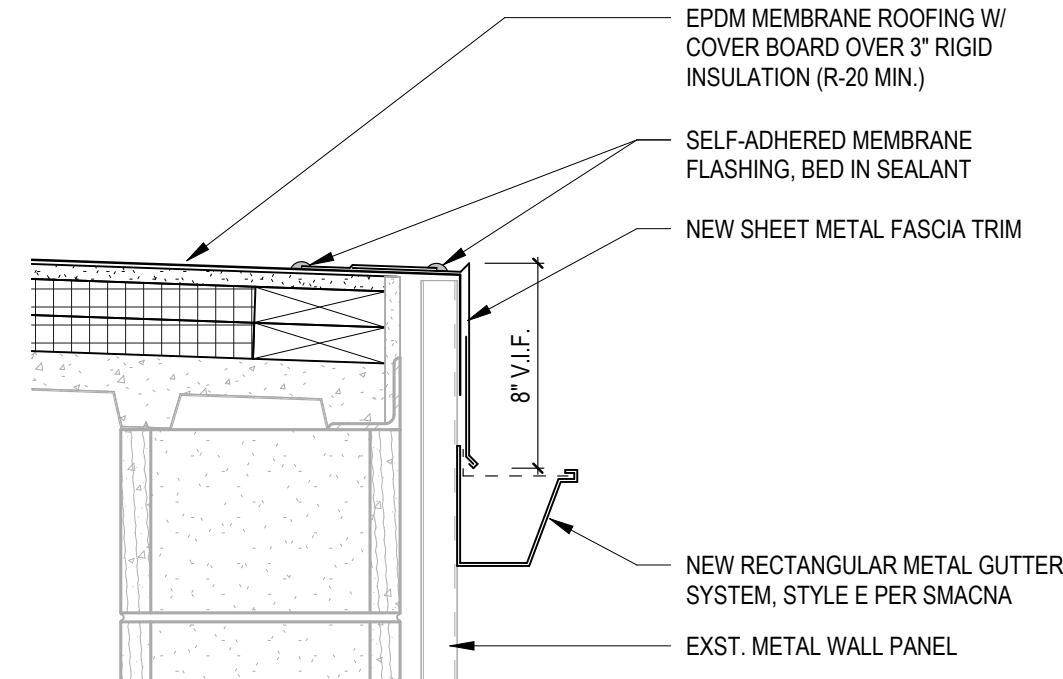
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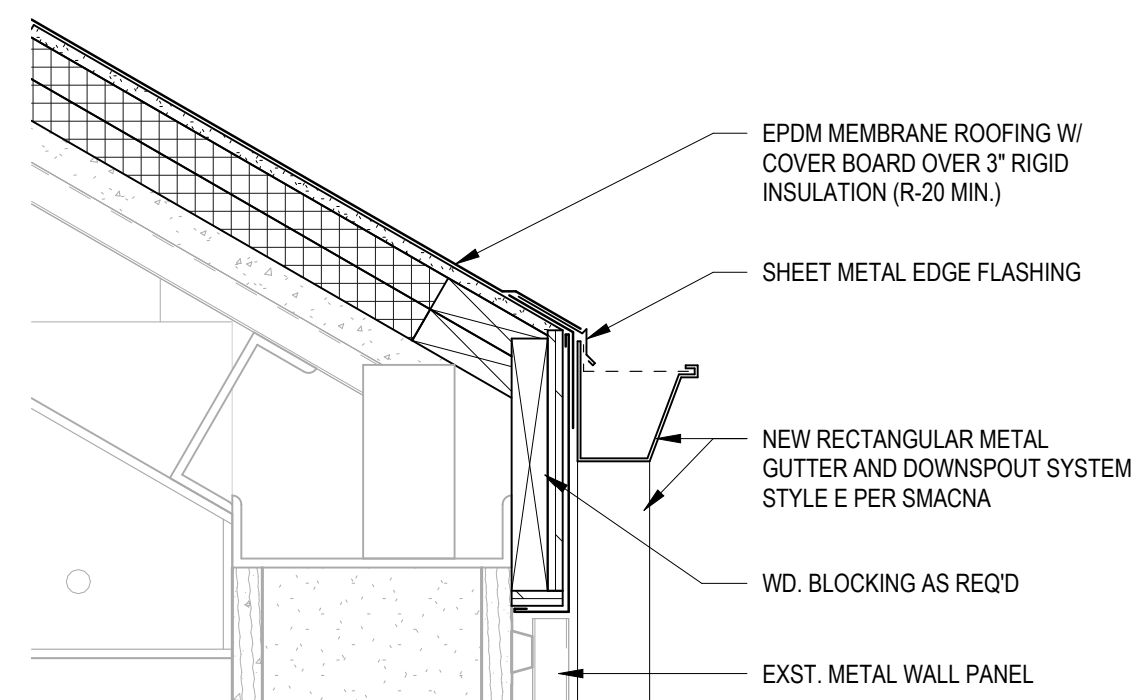
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SCALE: 1 1/2" = 1'-0"



4 SECTION DETAIL
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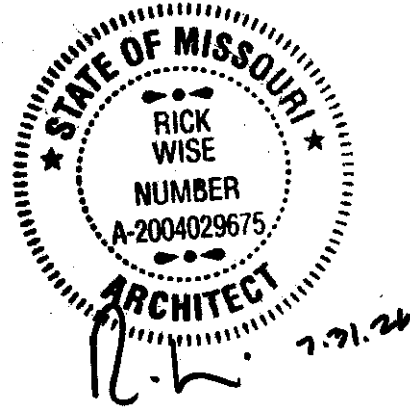


5 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



6 SECTION DETAIL
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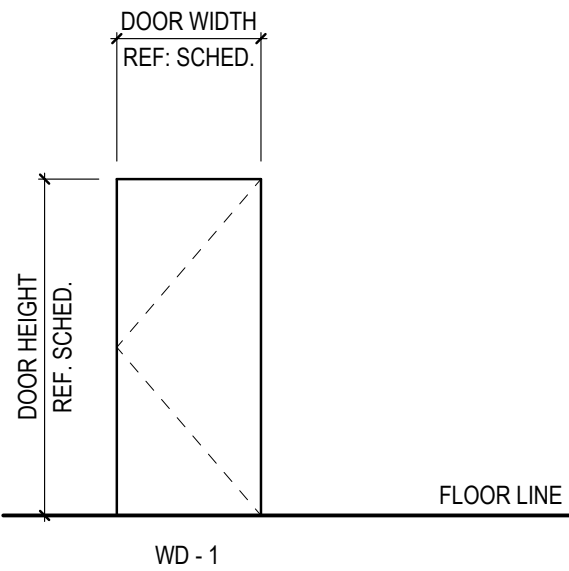
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SHEET TITLE:
**Wall Sections - USB
Building**

SHEET NUMBER:

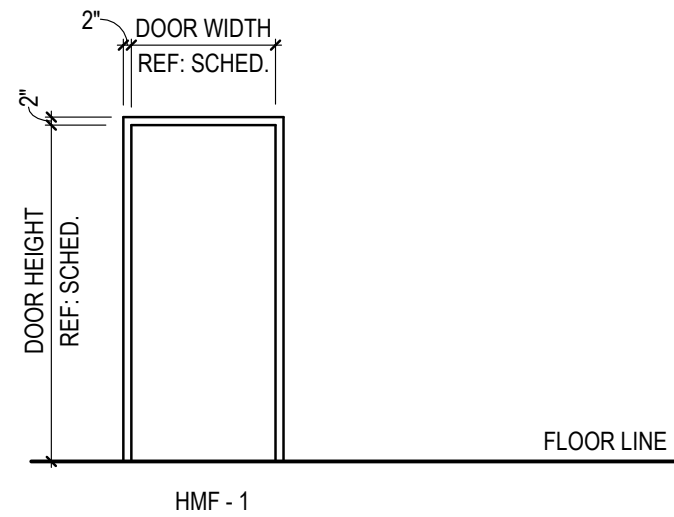
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17 OF 35 SHEETS
7/31/2026



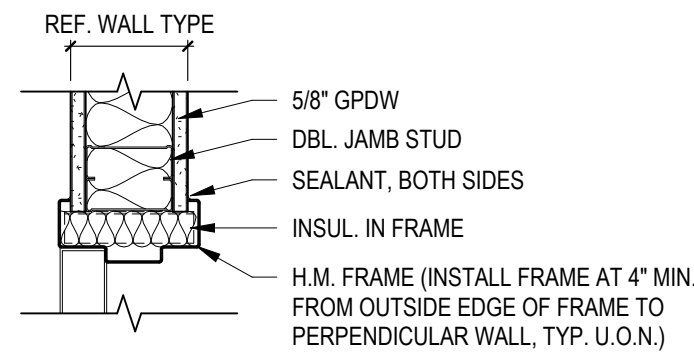
WOOD DOOR TYPES

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

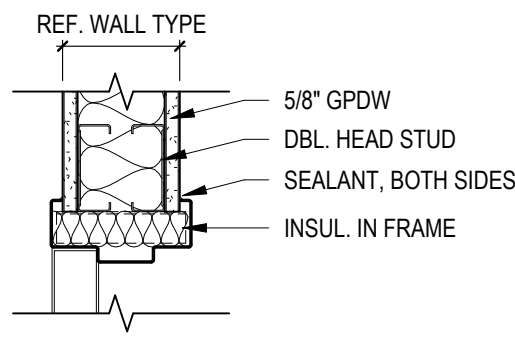


HOLLOW METAL FRAME TYPES

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



JAMB



HEAD

1 HOLLOW METAL FRAME DETAIL

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

DOOR & FRAME TYPE GENERAL NOTES

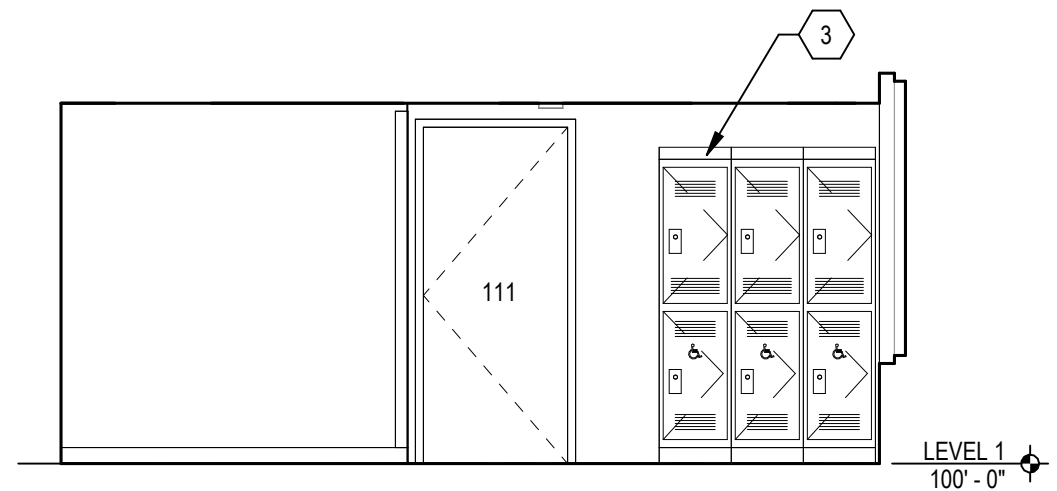
- ALL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS TO BE PROVIDED BY SUPPLIER W/ ADJUSTMENTS MADE FOR INSTALLATION TOLERANCES REQUIRED. VERIFY ALL EXISTING OPENINGS PRIOR TO ORDER OF ALL NEW DOORS AND DOOR FRAMES.
- SEE FLOOR PLANS FOR DIRECTION OF DOOR SWINGS.
- REFER TO WALL TYPE THICKNESS FOR THROAT DEPTHS OF HOLLOW METAL DOOR AND WINDOW FRAMES INSTALLED IN STEEL STUD WALLS W/ GYPSUM. HOLLOW METAL DOOR AND WINDOW FRAMES INSTALLED IN PRECAST, CAST-IN PLACE OR C.M.U. WALLS SHALL HAVE A STANDARD 6" NOMINAL THROAT DEPTH AND SHALL BE CENTERED IN THE WALL, UNLESS NOTED OTHERWISE.
- ALL INTERIOR HOLLOW METAL DOOR FRAMES SHALL BE FILLED FULL W/ BATT INSUL. COORDINATE WITH ELECTRICAL TRADES, FINISH HARDWARE AND ELECTRONIC EQUIPMENT.
- VERIFY HOLLOW METAL FRAME FINISH WITH FINISH SCHEDULE.

DOOR NO.	S/PR	DOOR				FRAME		HARDWARE
		WIDTH	HEIGHT	TYPE	FINISH	TYPE	FINISH	
110	S	3'-0"	7'-0"	WD-1		HMF-1	PT 03	
111	S	3'-0"	7'-0"	WD-1		HMF-1	PT 02	
112	S	2'-10"	7'-0"	WD-1		HMF-1	PT 01	

ABBR.	ACCESSORY	FURNISHED BY	INSTALLED BY	REMARKS
CH-1	COAT HOOK	CONTRACTOR	CONTRACTOR	
GB-1	36" GRAB BAR	CONTRACTOR	CONTRACTOR	
GB-2	42" GRAB BAR	CONTRACTOR	CONTRACTOR	
GB-3	24" GRAB BAR - VERTICAL	CONTRACTOR	CONTRACTOR	
M-1	5'-4" W x 3'-0" H MIRROR; 3'-4" A.F.F.	CONTRACTOR	CONTRACTOR	
SCR-1	SHOWER CURTAIN & ROD	CONTRACTOR	CONTRACTOR	SHOWER CURTAIN TO BE PROVIDED BY OWNER
SD-1	SOAP DISPENSER	OWNER	OWNER	
SND-1	SANITARY NAPKIN DISPOSAL	CONTRACTOR	CONTRACTOR	
ST-1	CORNER SOAP TRAY	CONTRACTOR	CONTRACTOR	
TH-1	TOWEL HOOK	CONTRACTOR	CONTRACTOR	
TTD-1	TOILET TISSUE DISPENSER	CONTRACTOR	CONTRACTOR	

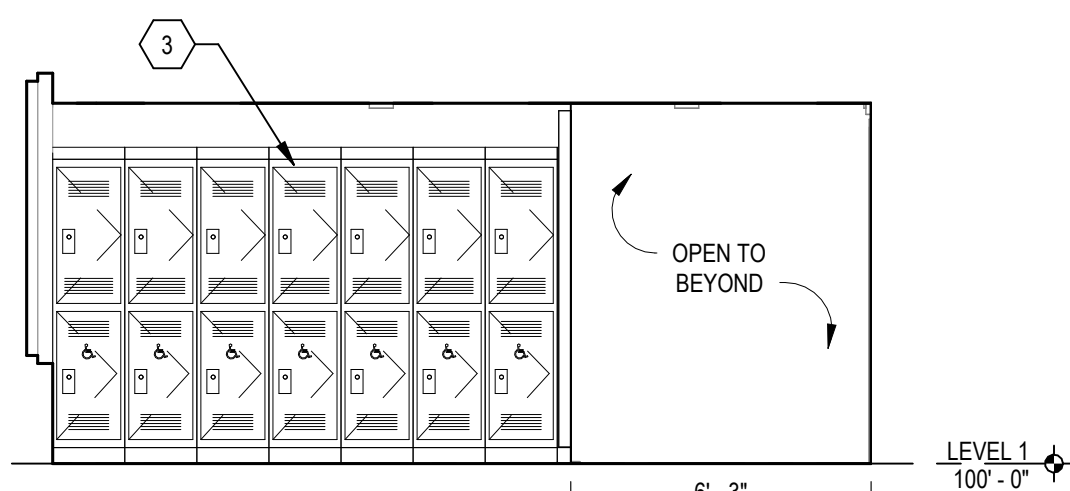
FIXTURE SCHEDULE		
DESCRIPTION	TYPE	MOUNTING LOCATION
TOILET	STANDARD	15" A.F.F. TO TOP OF SEAT
	ADA*	17" A.F.F. TO TOP OF SEAT
SINK	STANDARD	34" A.F.F. TO TOP OF RIM
	ADA*	34" A.F.F. TO RIM
MIRROR	ABOVE SINK	40" A.F.F. TO BOTTOM OF REFLECTIVE SURFACE
	WITHOUT SINK	35" A.F.F. TO BOTTOM OF REFLECTIVE SURFACE
GRAB BAR	BACK BAR*	6" TO WALL - 35" A.F.F. TO TOP OF BAR
	SIDE BAR*	12" TO WALL - 35" A.F.F. TO TOP OF BAR
	VERTICAL BAR*	40" TO WALL - 40" A.F.F. TO BOTTOM OF BAR
TOILET TISSUE DISPENSER	VERIFY W/ MANUF.	REF. SHEET G-021 FOR MOUNTING RANGE
PAPER TOWEL DISPENSER	VERIFY W/ MANUF.	REF. SHEET G-021 FOR MOUNTING RANGE
SANITARY NAPKIN DISPOSAL	VERIFY W/ MANUF.	BELOW GRAB BAR - REF. SHEET G-021 FOR MOUNTING RANGE

*TO COMPLY WITH 2010 ADA STANDARDS OF ACCESSIBLE DESIGN AND MFR. RECOMMENDATIONS.



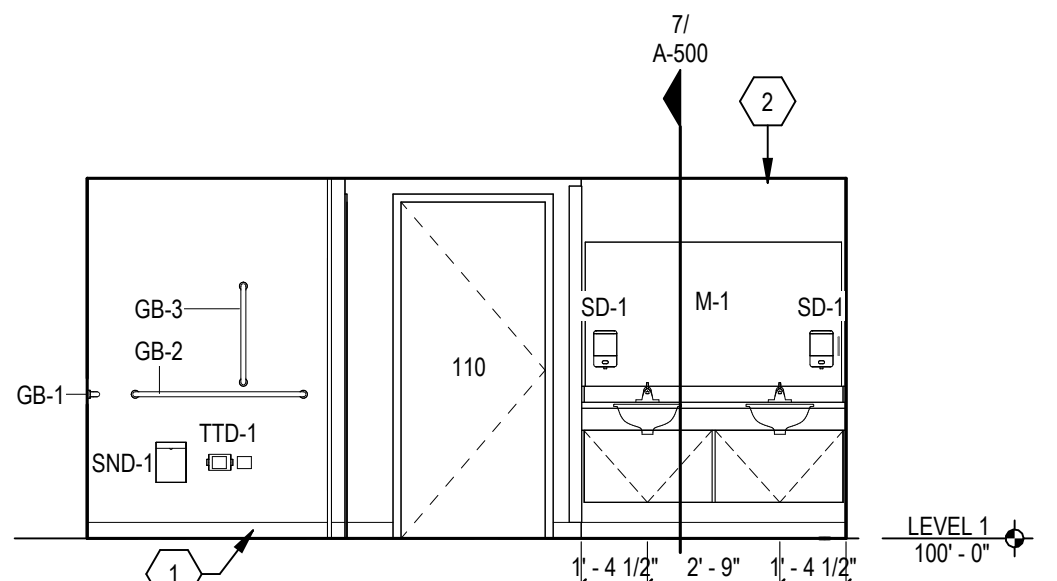
2 WOMEN'S LOCKER ROOM - NORTH

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



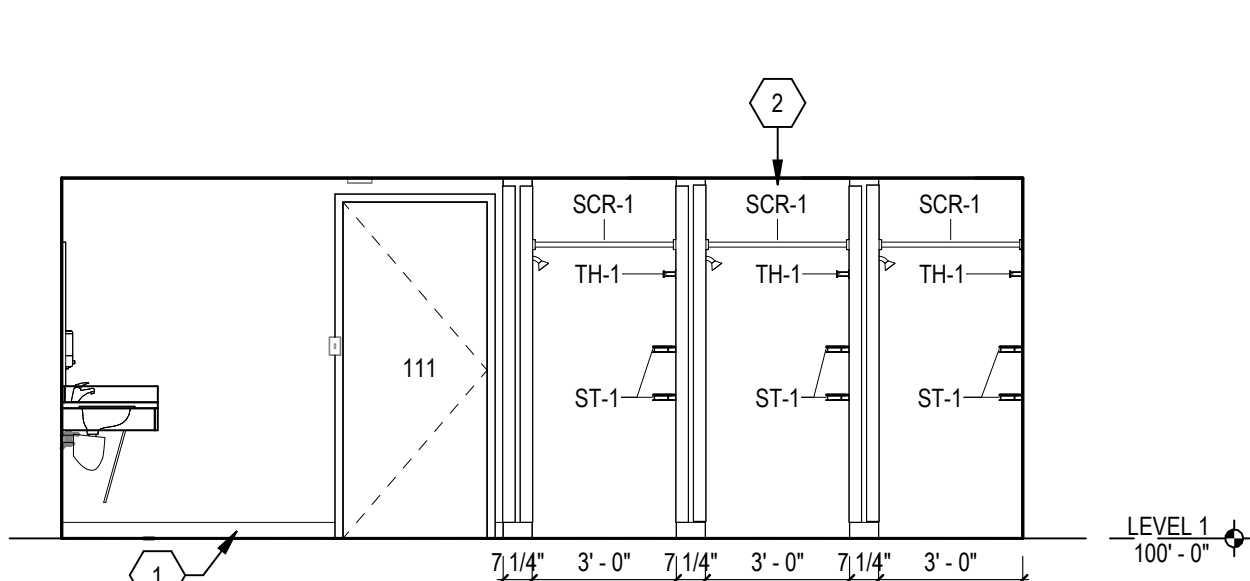
3 WOMEN'S LOCKER ROOM - SOUTH

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



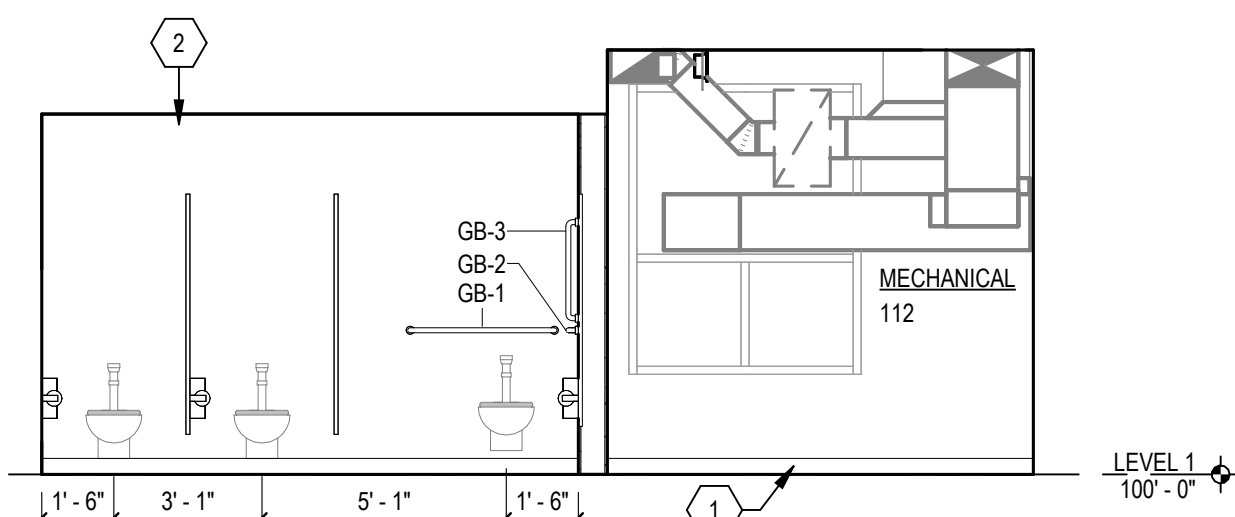
4 WOMEN'S RESTROOM - EAST

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



5 WOMEN'S RESTROOM - SOUTH

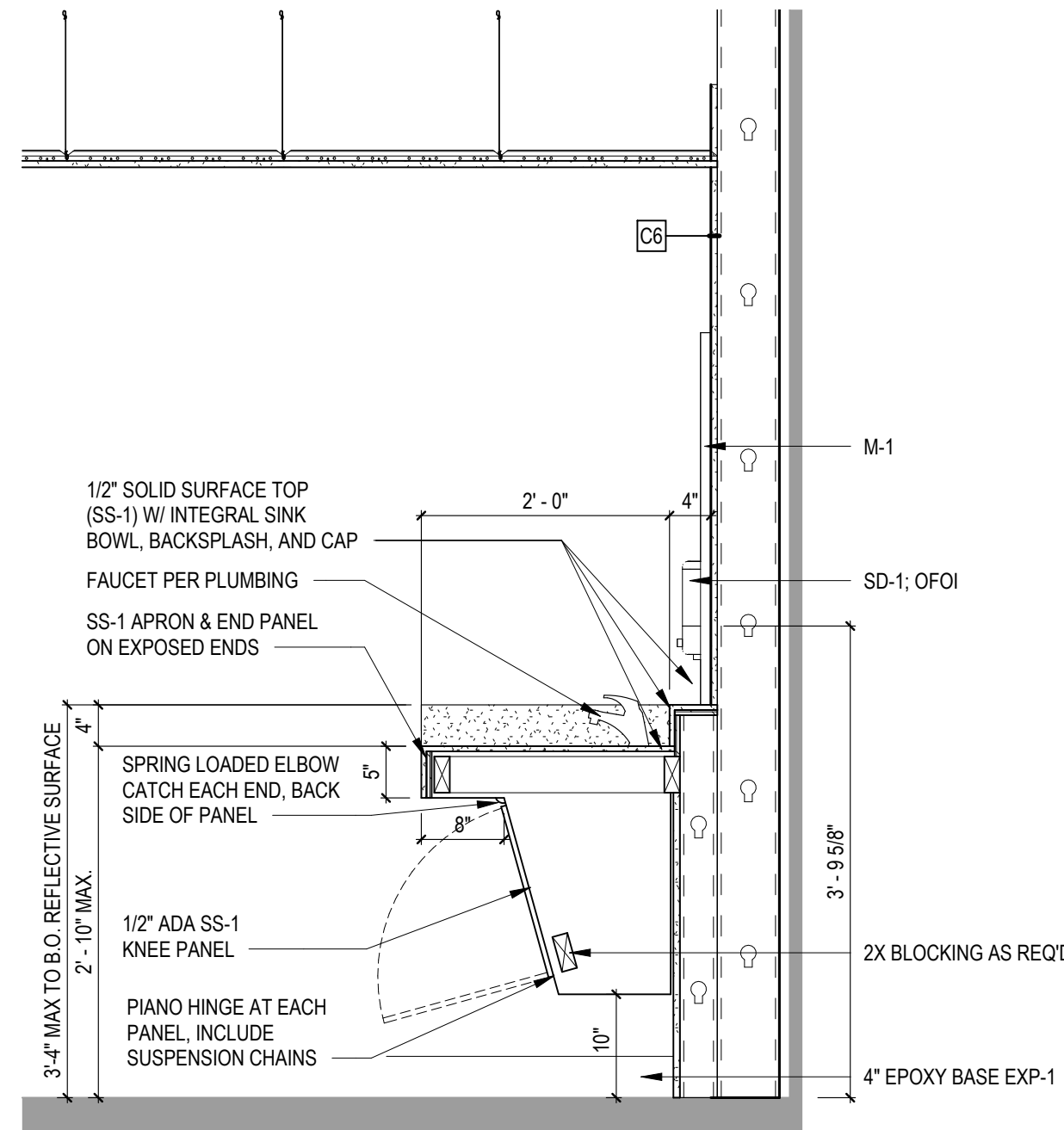
SCALE: 1/4" = 1'-0"



6 WOMEN'S RESTROOM - NORTH

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

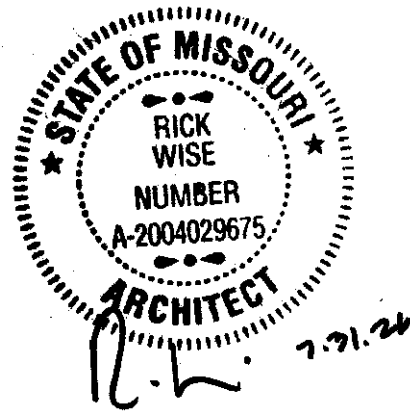
KEY NOTES	
1	EPOXY FLOOR SYSTEM (EPX-1) W/ 4" INTEGRAL EPOXY COVE BASE, REF. FINISH PLAN.
2	ALL WET WALL LOCATIONS TO HAVE MOISTURE AND MOLD RESISTANT GPOW AND RECEIVE EPOXY COATING FINISH.
3	LOCKERS. FURNISHED BY OWNER AND CONTRACTOR INSTALLED.
4	EXISTING WINDOWS TO RECEIVE PRIVACY FILM ON INTERIOR OF WINDOW.



7 WALL SECTION @ LAVATORY, TYP.

SCALE: 3/4" = 1'-0"

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



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p. 816-474-8237

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Certificate of Authority to Offer Engineering Services:
#E-2005030491-F
Certificate of Authority to Offer Landscape Architectural Services: #LA-2005029859-D

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PUBLIC SAFETY

MISSOURI ARMY
NATIONAL GUARD

Chillicothe Readiness Center -
USB Roof Replacement &
Latrine Renovation

1500 Washington St.
Chillicothe, MO 64601

PROJECT #: T2519-01

SITE #: 6252

ASSET #: 8136252002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: _____
DATE: _____

ISSUE DATE: 7/31/2026

DRAWN BY: JK
CHECKED BY: RW
DESIGNED BY: JK

SHEET TITLE:
Interior Elevations,
Schedules & Details

SHEET NUMBER:

A-500

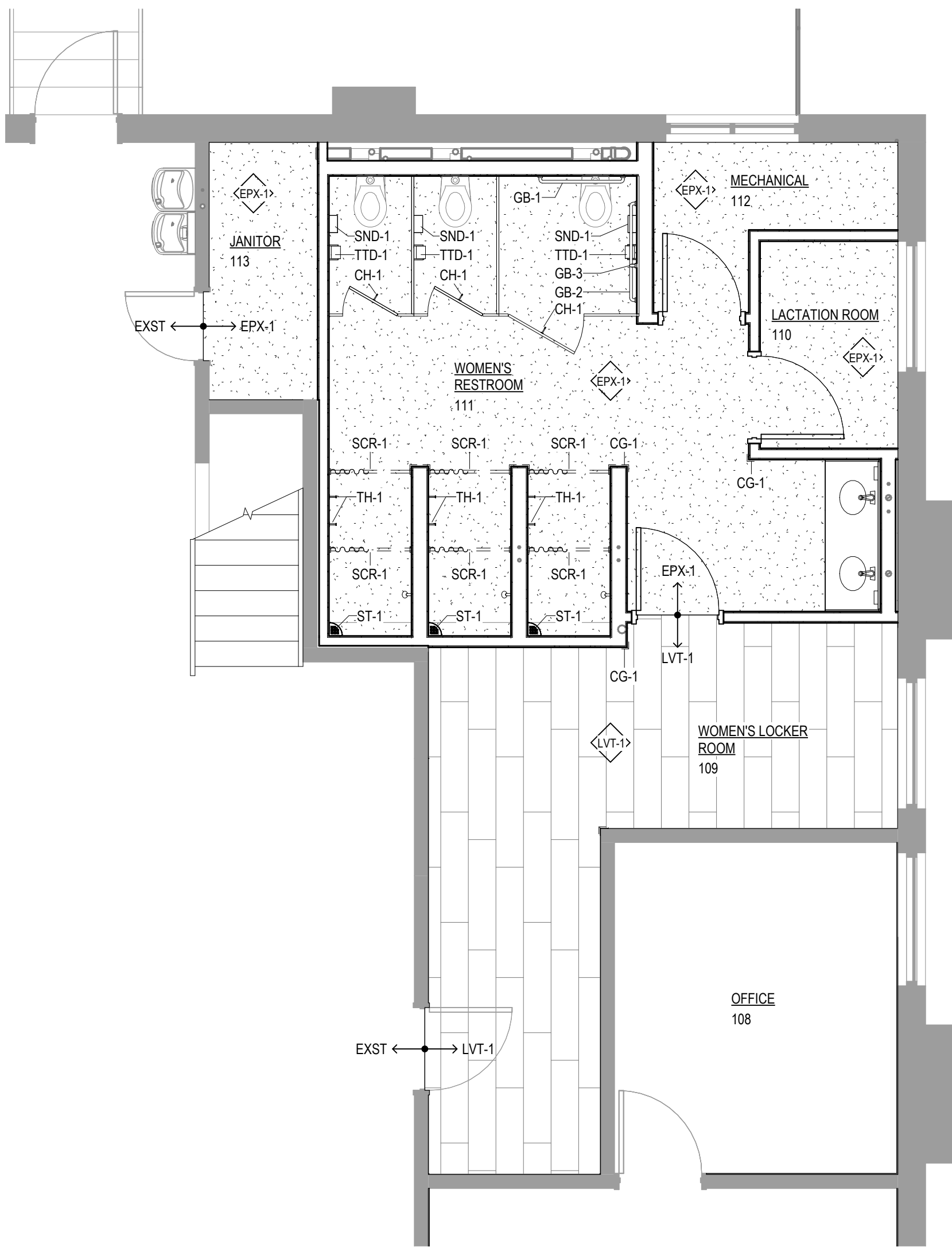
18 OF 35 SHEETS
7/31/2026



1

FIRST FLOOR FINISH PLAN

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



FINISHES

LUXURY VINYL TILE		
LVT-1	MANUFACTURER:	SEE SPECIFICATION
	PRODUCT:	
	COLOR:	
	APPLICATION:	
RESILIENT BASE		
RB-1	MANUFACTURER:	SEE SPECIFICATION
	PRODUCT:	THERMOSET RUBBER WALL BASE
	SIZE:	4" COVED
	COLOR:	--
EPOXY FLOORING AND BASE		
EPX-1	MANUFACTURER:	SEE SPECIFICATION
	PRODUCT:	1/4" TROWELED QUARTZ EPOXY
	COLOR:	SEE SPECIFICATION
	TYPE:	--
PAINT SYSTEMS (EPOXY)		
PT-1	MANUFACTURER:	SEE SPECIFICATION
	PRODUCT:	SEE SPECIFICATION
	COLOR:	SW 7005 PURE WHITE
	TYPE:	--
PAINT		
PT-1	MANUFACTURER:	SEE SPECIFICATION
	HUE:	SW 7005 PURE WHITE
	FINISH:	SEE SPECIFICATION
	APPLICATION:	SEE SPECIFICATION
PT-2	MANUFACTURER:	SEE SPECIFICATION
	HUE:	SW 7005 PURE WHITE
	FINISH:	SEE SPECIFICATION
	APPLICATION:	SEE SPECIFICATION
FIBER-REINFORCED WALL SYSTEM (EPOXY)		
FRE-1	MANUFACTURER:	SEE SPECIFICATION
	PRODUCT:	SEE SPECIFICATION
	COLOR:	MATCH PT-1 / SW 7005 PURE WHITE
	NOTE:	DRYWALL APPLICATION
SOLID SURFACE		
SSM-1	MANUFACTURER:	SEE SPECIFICATION
	PRODUCT:	SEE SPECIFICATION
	COLOR:	GLACIER WHITE
	TYPE:	--

FINISH EQUIPMENT

CORNER GUARDS		
CG-1	PRODUCT:	STAINLESS STEEL CORNER GUARD - CO SERIES
	COLORWAY:	SEE SPECIFICATION
	PROFILE:	

ROOM FINISH SCHEDULE

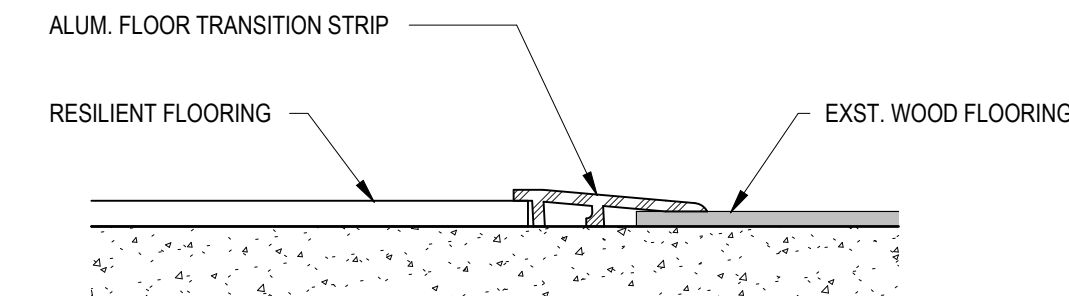
ROOM NO.	ROOM NAME	FLOOR FINISH	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	REMARKS
108	OFFICE	--	--	PT-1	PT-1	PT-1	PT-1	2
109	WOMEN'S LOCKER ROOM	LVT-1	RB-1	PT-1	PT-1	PT-1	PT-1	
110	LACTATION ROOM	EPX-1	EPX-1	PT-1	PT-1	PT-1	PT-1	
111	WOMEN'S RESTROOM	EPX-1	EPX-1	FRE-1/PTE-1	FRE-1/PTE-1	FRE-1/PTE-1	FRE-1/PTE-1	3, 4
112	MECHANICAL	EPX-1	EPX-1	PT-1	PT-1	PT-1	PT-1	
113	JANITOR	EPX-1	EPX-1	PT-1	PT-1	PT-1	PT-1	

ROOM FINISH SCHEDULE REMARKS

Key Name	Comments
1	WHERE REQUIRED, MATCH EXISTING FINISHES
2	IN OFFICE (108), MAINTAIN EXISTING FLOOR FINISH, PATCH AND REPAIR AS REQUIRED IF AFFECTED BY CONSTRUCTION ACTIVITIES.
3	FLOORING AT ALL SHOWER AREAS SHALL BE INSTALLED TO SLOPE TO DRAIN (RE MECH), COMPLYING WITH ADA SLOPE REQUIREMENTS: 1/4" PER FOOT MIN. / 1/2" PER FOOT MAX.
4	AT ALL WET WALLS, FRE-1 IS TO BE UTILIZED. INCLUDE ALL WALLS WITHIN SHOWER STALLS TO RECEIVE FRE-1.

TOILET ACCESSORY SCHEDULE

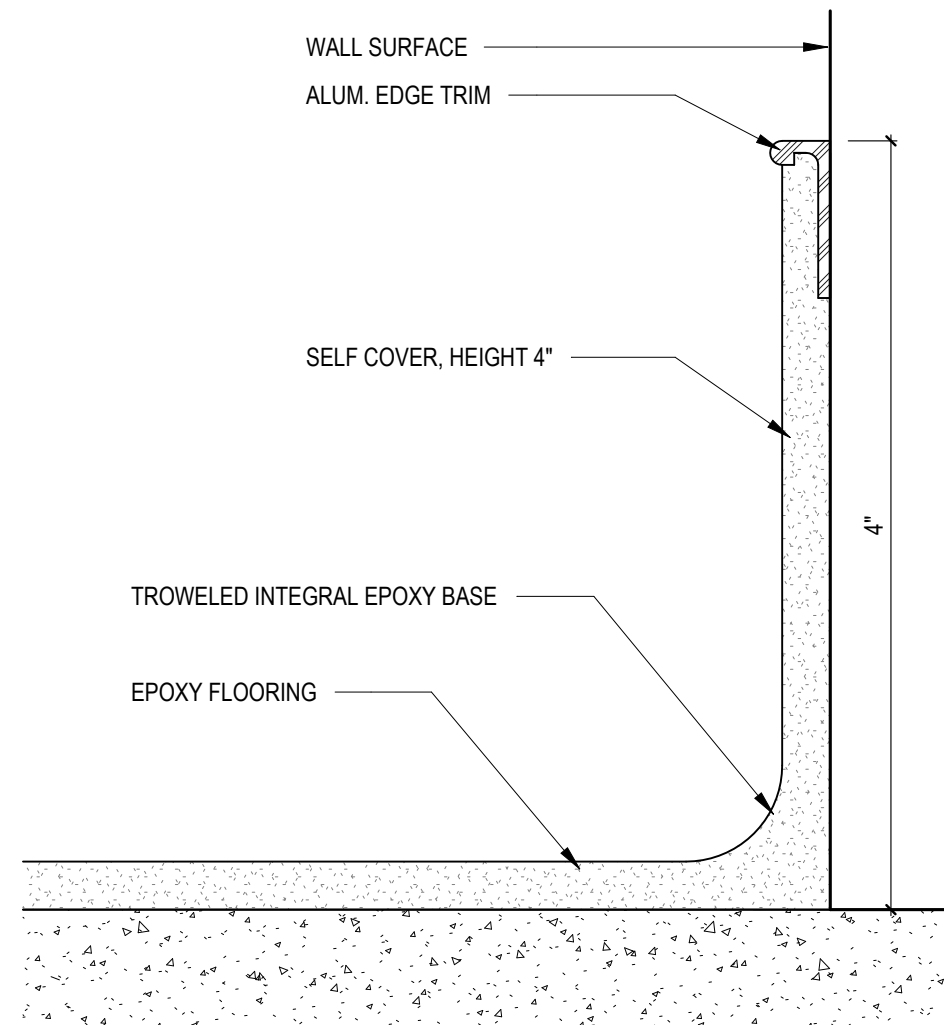
ABBR.	ACCESSORY	FURNISHED BY	INSTALLED BY	REMARKS
CH-1	COAT HOOK	CONTRACTOR	CONTRACTOR	
GB-1	36" GRAB BAR	CONTRACTOR	CONTRACTOR	
GB-2	42" GRAB BAR	CONTRACTOR	CONTRACTOR	
GB-3	24" GRAB BAR - VERTICAL	CONTRACTOR	CONTRACTOR	
M-1	5'-4" W x 3'-0" H MIRROR: 3'-4" A.F.F.	CONTRACTOR	CONTRACTOR	
SCR-1	SHOWER CURTAIN & ROD	CONTRACTOR	CONTRACTOR	SHOWER CURTAIN TO BE PROVIDED BY OWNER
SD-1	SOAP DISPENSER	OWNER	OWNER	
SND-1	SANITARY NAPKIN DISPOSAL	CONTRACTOR	CONTRACTOR	
ST-1	CORNER SOAP TRAY	CONTRACTOR	CONTRACTOR	
TH-1	TOWEL HOOK	CONTRACTOR	CONTRACTOR	
TTD-1	TOILET TISSUE DISPENSER	CONTRACTOR	CONTRACTOR	



3

EXST/LVT-RAMP

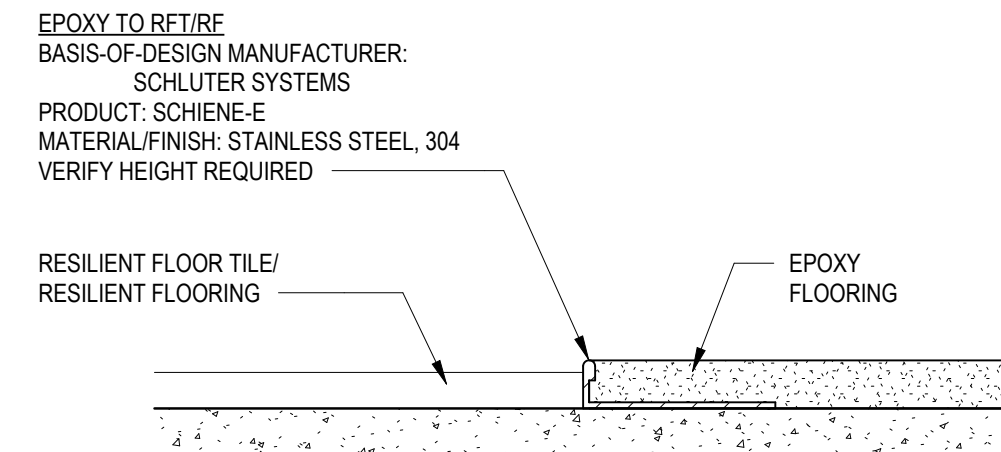
SCALE: 12" = 1'-0"



2

EPOXY BASE DETAIL

SCALE: 12" = 1'-0"



4

EPOXY TO RFT/RF

SCALE: 12" = 1'-0"

STATE OF MISSOURI
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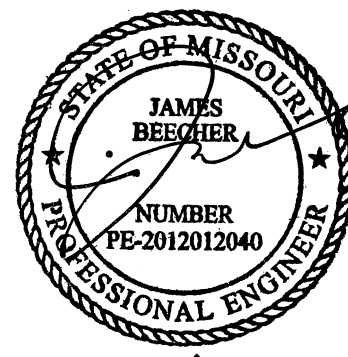
DRAWN BY: JK
CHECKED BY: RW
DESIGNED BY: JK

SHEET TITLE:
First Floor Finishes Plan

SHEET NUMBER:

F-100

19 OF 35 SHEETS
7/31/2026



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DRAWN BY: LE
CHECKED BY: JB
DESIGNED BY: LE

SHEET TITLE:

Mechanical
Abbreviations, Symbols
& Notes

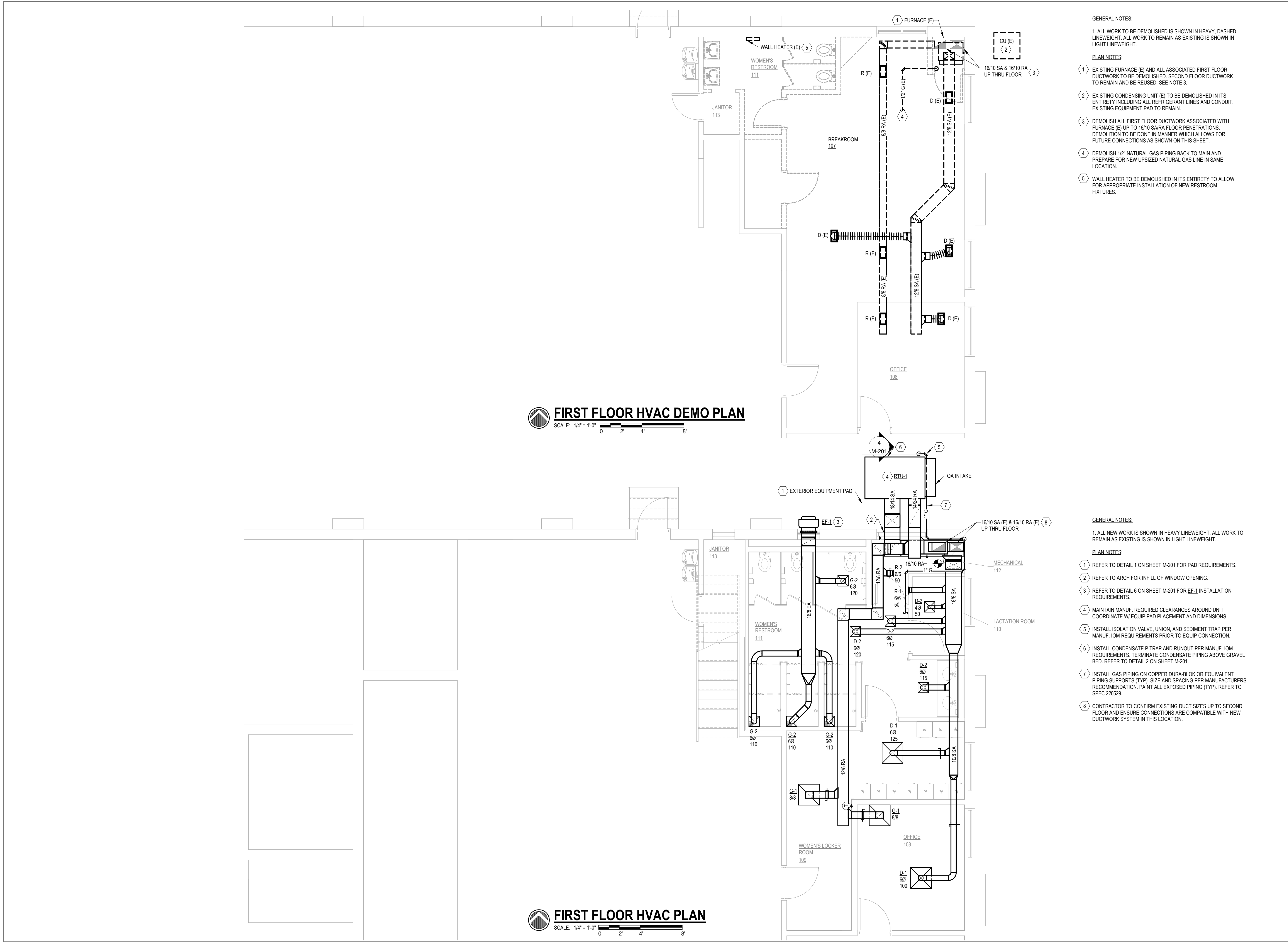
SHEET NUMBER:

M-000

20 OF 35 SHEETS
07/31/2026

MECHANICAL ABBREVIATIONS AND SYMBOLS LEGEND

ABBREVIATIONS		ABBREVIATIONS		PIPING		SHEET METAL		TEMPERATURE CONTROL		SCHEMATICS	
A	COMPRESSED AIR	OA	OUTSIDE AIR		BALL VALVE		RECTANGULAR DUCT - FIRST NUMBER INDICATES SIZE SHOWN		CONTROL POINT		3-WAY AUTOMATIC CONTROL VALVE - NORMALLY OPEN, CLOSED AND COMMON PORTS INDICATED
AD	AREA DRAIN	OAT	OUTSIDE AIR TEMPERATURE		GATE VALVE		ROUND DUCT		AIRFLOW MEASURING STATION		2-WAY AUTOMATIC CONTROL VALVE - NORMALLY CLOSED
AFF	ABOVE FINISHED FLOOR	OBD	MANUAL OPPOSED BLADE BALANCING DAMPER		GLOBE VALVE	OVAL DUCT - FIRST NUMBER INDICATES SIZE SHOWN			CARBON DIOXIDE SENSOR		2-WAY AUTOMATIC CONTROL VALVE - NORMALLY OPEN
AI	ANALOG INPUT	PC	PLUMBING CONTRACTOR		BUTTERFLY VALVE		FLEX DUCT		DIFFERENTIAL PRESSURE SWITCH		AUTOMATIC BUTTERFLY VALVE - NORMALLY CLOSED
AO	ANALOG OUTPUT	PIV	POST INDICATOR VALVE		BALANCING VALVE		TURNING VANES		DIFFERENTIAL PRESSURE TRANSMITTER		AUTOMATIC BUTTERFLY VALVE - NORMALLY OPEN
APD	AIR PRESSURE DROP	PVC	POLY VINYL CHLORIDE		CHECK VALVE		POSITIVE PRESSURE DUCT UP		TEMPERATURE SENSOR WITH AVERAGING ELEMENT		AUTOMATIC LINKED BUTTERFLY VALVES - NORMALLY OPEN, CLOSED AND COMMON PORTS INDICATED.
AV	ACID VENT	RA	RETURN AIR		VACUUM BREAKER BACKFLOW VALVE 0.5- 2"		POSITIVE PRESSURE DUCT DOWN				MOTORIZED DAMPER
AW	ACID WASTE	PW	PURE WATER		STRAINER		NEGATIVE PRESSURE DUCT UP		SMOKE DAMPER		STOP AND WASTE BALL VALVE
BFP	BACK FLOW PREVENTER	RCP	REINFORCED CONCRETE PIPE		TEMPERATURE GAUGE 3.5" STEM		NEGATIVE PRESSURE DUCT DOWN				BALL VALVE WITH PRESSURE TAP
BHP	BRAKE HORSEPOWER	REL A	RELIEF AIR		PRESSURE GAGE		OVAL DUCT UP AND DOWN		STATIC PRESSURE SENSOR		BALL VALVE WITH PRESSURE & TEMPERATURE TAP
BTU	BRITISH THERMAL UNIT	RG	REFRIGERANT HOT GAS		MOTOR CONTROL VALVE		MANUAL BALANCING DAMPER		MOTOR		BALL VALVE WITH PRESSURE & TEMPERATURE TAP & MEMORY STOP
CA	COMBUSTION AIR	RL	REFRIGERANT LIQUID		MOTOR CONTROL VALVE - 3 WAY		WALL LOUVER - EQUIP. MARK, SIZE		VARIABLE FREQUENCY DRIVE		NORMALLY CLOSED MOTORIZED BALL VALVE
CD	CONDENSATE DRAIN	RS	REFRIGERANT LIQUID		STEAM TRAP - INVERTED BUCKET		MOTORIZED DAMPER - BLADES PARALLEL TO PAGE		TEMPERATURE SENSOR/THERMOSTAT		VALVE BOX
CHMR	CHILLED OR HOT WATER RETURN	S	STORM		GLOBE VALVE		PARALLEL OR OPPOSED BLADE MOTORIZED DAMPER BLADES PERPENDICULAR TO PAGE		HUMIDITY SENSOR/HUMIDISTAT		AUTOMATIC FLOW CONTROL VALVE WITH PRESSURE & TEMPERATURE TAP
CHWS	CHILLED OR HOT WATER SUPPLY	SA	SUPPLY AIR		BASKET STRAINER		FIRE DAMPER AND ACCESS DOOR - EQUIP. MARK		CARBON DIOXIDE SENSOR		MANUAL GLOBE VALVE
CI	CAST IRON	SAN	SANITARY WASTE PIPING (OUTSIDE BUILDING)		SANITARY/STORM DRAIN BELOW GRADE OR BELOW FLOOR		SMOKE DAMPER AND ACCESS DOOR - EQUIP. MARK		SENSOR		CALIBRATED BALANCING VALVE
CO	CLEAN OUT	SD	SMOKE DAMPER		PIPING - SEE ABBREVIATION LEGEND FOR TYPE OF SERVICE. (E.G. CWS SHALL BE CHILLED WATER SUPPLY)		COMBINATION FIRE/SMOKE DAMPER AND ACCESS DOOR - EQUIP. MARK		SMOKE DETECTOR		MANUAL BUTTERFLY VALVE
CPD	CONDENSATE PUMP DISCHARGE	SP	STATIC PRESSURE		HOSE BIBB - EQUIP. MARK		CEILING DIFFUSER - EQUIPMENT MARK, SIZE, CFM		DAMPER END SWITCH		WHEEL OPERATED BUTTERFLY VALVE
CPVC	CHLORINATED POLY VINYL CHLORIDE	SS	SUMP PUMP		WALL HYDRANT - EQUIP. MARK (NON FREEZE TYPE)		SIDEWALL REGISTER - EQUIP. MARK, SIZE, CFM, HEIGHT AFF		MOTORIZED DAMPER		GAGE COCK
CR	CONDENSER WATER RETURN	TAB	TEST, ADJUST AND BALANCE		VENT THRU ROOF - MARK		CEILING RETURN GRILLE - EQUIP. MARK, SIZE, CFM		HUMIDIFIER		CHECK VALVE
CS	CONDENSER WATER SUPPLY	TWC	DOMESTIC TEMPERED WATER CIRCULATING		FLOOR DRAIN, SIZE, EQUIP. MARK		VARIABLE AIR VOLUME BOX - EQUIP. MARK, CFM		PIPING TEMPERATURE SENSOR		VACUUM BREAKER
CW	DOMESTIC COLD WATER	TD	TRANSFER DUCT		ROOF DRAIN, SIZE, EQUIP. MARK		VARIABLE AIR VOLUME BOX WITH REHEAT - EQUIP. MARK, CFM		PIPING THERMOMETER		PRESSURE REGULATING OR REDUCING VALVE - EQUIP. MARK
CWR	CHILLED WATER RETURN	TOD	TOP OF DUCT		ROOF OVERFLOW DRAIN, SIZE, EQUIP. MARK		LABORATORY SUPPLY VALVE - MARK, DESIGN CFM		PIPING PRESSURE GAUGE		STRAINER WITH BLOWDOWN VALVE
CWS	CHILLED WATER SUPPLY	TIP	TEMPERATURE/PRESSURE		SHOWER HEAD - EQUIP. MARK		FUME EXHAUST VALVE - MARK, DESIGN CFM		PIPING FLOW METER		FLANGE CONNECTION
DB	DRY BULB	TSP	TOTAL STATIC PRESSURE		CLEAN OUT		GENERAL EXHAUST VALVE - MARK, DESIGN CFM		PIPING TWO-WAY CONTROL VALVE		UNION
DCI	DUCTILE CAST IRON	TW	DOMESTIC TEMPERED WATER		BASKET STRAINER	LOW PRESSURE BRANCH 45 DEGREE ENTRY WITH BALANCING DAMPER		GENERAL			
DI	DIGITAL INPUT	TWC	DOMESTIC TEMPERED WATER CIRCULATING		SANITARY/STORM DRAIN BELOW GRADE OR BELOW FLOOR				CONNECTION - NEW TO EXISTING		
DO	DIGITAL OUTPUT	V	VENT		PIPING - SEE ABBREVIATION LEGEND FOR TYPE OF SERVICE. (E.G. CWS SHALL BE CHILLED WATER SUPPLY)				PIPE OR ROUND DUCT RISER		
DW	DOMESTIC WATER	VTR	VENT THROUGH ROOF		HOSE BIBB - EQUIP. MARK				PIPE OR ROUND DUCT DROP		
DWR	DRAINAGE/WASTE/VENT	VUF	VENT UNDER FLOOR		WALL HYDRANT - EQUIP. MARK (NON FREEZE TYPE)				DIRECTION OF FLOW		
EA	EXHAUST AIR	W	WATER SERVICE PIPING (OUTSIDE BUILDING)		VENT THRU ROOF - MARK				DOWNWARD PIPE OR DUCT PITCH		
EAT	ENTERING AIR TEMPERATURE	WB	WET BULB		FLOOR DRAIN, SIZE, EQUIP. MARK				SECTION IDENTIFICATION: SECTION NUMBER SHEET NUMBER DETAIL IDENTIFICATION: SECTION NUMBER SHEET NUMBER		
EC	ELECTRICAL CONTRACTOR	WCO	WALL CLEAN OUT		ROOF DRAIN, SIZE, EQUIP. MARK				ELECTRICAL MOTOR		
EMCS	ENERGY MANAGEMENT AND CONTROL SYSTEM	WPD	WATER PRESSURE DROP		ROOF OVERFLOW DRAIN, SIZE, EQUIP. MARK				ARCHITECTURAL ELEVATION		
ESP	EXTERNAL STATIC PRESSURE	XFR	TRANSFER		SHOWER HEAD - EQUIP. MARK				ENGINEER ELEVATION		
EWI	ENTERING WATER TEMPERATURE	XFMR	TRANSFORMER		CLEAN OUT				ELECTRICAL PANEL		
F	FIRE SUPPRESSION PIPING	XN	NEW EQUIPMENT, DEVICE, ETC.		FLOOR CLEAN OUT				VARIABLE FREQUENCY DRIVE PANEL - EQUIP. MARK		
FCO	FLOOR CLEAN OUT	XR	EXISTING CONDITION TO BE REMOVED OR RELOCATED		GRADE CLEAN OUT				EXISTING PIPING, DUCTWORK, EQUIPMENT, ETC.		
FD	FIRE DAMPER	XXX-1	EQUIPMENT MARK - SEE MECHANICAL OR PLUMBING EQUIPMENT SCHEDULES (E.G., AHU-1 - AIR HANDLING UNIT)		CLEAN OUT AT BASE OF STACK						
FD	FLOOR DRAIN	VB	VARIABLE AIR VOLUME BOX		PANEL RADIATOR - EQUIP. MARK, LENGTH, GALLONS PER MINUTE.						
F.E.A.	FUME HOOD EXHAUST AIR	VBR	VARIABLE AIR VOLUME BOX WITH REHEAT		ELBOW DOWN						
FH	FIRE HYDRANT	VBRF	VARIABLE AIR VOLUME BOX WITH REHEAT		ELBOW UP						
FL	FLOW LINE				TEE DOWN						
FOR	FUEL OIL RETURN				TEE UP						
FOS	FUEL OIL SUPPLY				VARIABLE AIR VOLUME BOX WITH REHEAT - EQUIP. MARK, FLOW RATE						
FOV	FUEL OIL VENT				VARIABLE AIR VOLUME BOX						
FSD	FIRE/SMOKE DAMPER				LAB AIR VALVE						
G	GAS				REHEAT COIL						
GBD	GRAVITY BACKDRAFT DAMPER										
GC	GENERAL CONTRACTOR										
GCO	GRADE CLEANOUT										
GEA	GENERAL EXHAUST AIR										
GPM	GALLONS PER MINUTE										
HP	HORSEPOWER										
HPR	HIGH PRESSURE STEAM RETURN										
HPS	HIGH PRESSURE STEAM SUPPLY										
HR	HOUR										
HW	DOMESTIC HOT WATER										
HW 180	DOMESTIC HOT WATER, 180 DEG. F. SERVICE										
HWC	DOMESTIC HOT WATER CIRCULATION										
HWC 180	DOMESTIC HOT WATER CIRCULATION 180 DEG. F. SERVICE										
HWR	HOT WATER RETURN										
HWS	HOT WATER SUPPLY										
IE	INVERT ELEVATION										
KEA	KITCHEN EXHAUST AIR										
KS	KITCHEN SUPPLIER										
KW	KILOWATT										
LA	LABORATORY AIR										
LAT	LEAVING AIR TEMPERATURE										
LIT	LAY IN TILE										
LCW	LABORATORY COLD WATER										
LFC	LOOP FIELD CONTRACTOR										
LFR	LOOP FIELD RETURN										
LFS	LOOP FIELD SUPPLY										
LG	LABORATORY GAS										
LHW	LABORATORY HOT WATER										
LHWC	LABORATORY HOT WATER RECIRC.										
LPR	LOW PRESSURE STEAM SUPPLY										
LPS	LOW PRESSURE STEAM RETURN										
LV	LABORATORY VACUUM										
LWT	LEAVING WATER TEMPERATURE										
MA	MIXED AIR										
MB	MIXING BOX										
MBH	1000 BTU/HR										
MC	MECHANICAL CONTRACTOR										
MCC	MOTOR CONTROL CENTER										
MD	MOTORIZED DAMPER										
MH	MAN HOLE										
MPR	MEDIUM PRESSURE STEAM RETURN										
MPS	MEDIUM PRESSURE STEAM SUPPLY										
NC	NOISE CRITERIA										
NIC	NOT IN CONTRACT										



- GENERAL NOTES:
1. ALL WORK TO BE DEMOLISHED IS SHOWN IN HEAVY, DASHED LINEWEIGHT. ALL WORK TO REMAIN AS EXISTING IS SHOWN IN LIGHT LINEWEIGHT.
- PLAN NOTES:
1. EXISTING FURNACE (E) AND ALL ASSOCIATED FIRST FLOOR DUCTWORK TO BE DEMOLISHED. SECOND FLOOR DUCTWORK TO REMAIN AND BE REUSED. SEE NOTE 3.
2. EXISTING CONDENSING UNIT (E) TO BE DEMOLISHED IN ITS ENTIRETY INCLUDING ALL REFRIGERANT LINES AND CONDUIT. EXISTING EQUIPMENT PAD TO REMAIN.
3. DEMOLISH ALL FIRST FLOOR DUCTWORK ASSOCIATED WITH FURNACE (E) UP TO 16/10 SA/RA FLOOR PENETRATIONS. DEMOLITION TO BE DONE IN MANNER WHICH ALLOWS FOR FUTURE CONNECTIONS AS SHOWN ON THIS SHEET.
4. DEMOLISH 1/2" NATURAL GAS PIPING BACK TO MAIN AND PREPARE FOR NEW UPSIZED NATURAL GAS LINE IN SAME LOCATION.
5. WALL HEATER TO BE DEMOLISHED IN ITS ENTIRETY TO ALLOW FOR APPROPRIATE INSTALLATION OF NEW RESTROOM FIXTURES.

- GENERAL NOTES:
1. ALL NEW WORK IS SHOWN IN HEAVY LINEWEIGHT. ALL WORK TO REMAIN AS EXISTING IS SHOWN IN LIGHT LINEWEIGHT.
- PLAN NOTES:
1. REFER TO DETAIL 1 ON SHEET M-201 FOR PAD REQUIREMENTS.
2. REFER TO ARCH FOR INFILL OF WINDOW OPENING.
3. REFER TO DETAIL 6 ON SHEET M-201 FOR EF-1 INSTALLATION REQUIREMENTS.
4. MAINTAIN MANUF. REQUIRED CLEARANCES AROUND UNIT. COORDINATE W/ EQUIP PAD PLACEMENT AND DIMENSIONS.
5. INSTALL ISOLATION VALVE, UNION, AND SEDIMENT TRAP PER MANUF. IOM REQUIREMENTS PRIOR TO EQUIP CONNECTION.
6. INSTALL CONDENSATE P TRAP AND RUNOUT PER MANUF. IOM REQUIREMENTS. TERMINATE CONDENSATE PIPING ABOVE GRAVEL BED. REFER TO DETAIL 2 ON SHEET M-201.
7. INSTALL GAS PIPING ON COPPER DURA-BLOK OR EQUIVALENT PIPING SUPPORTS (TYP). SIZE AND SPACING PER MANUFACTURERS RECOMMENDATION. PAINT ALL EXPOSED PIPING (TYP). REFER TO SPEC 220529.
8. CONTRACTOR TO CONFIRM EXISTING DUCT SIZES UP TO SECOND FLOOR AND ENSURE CONNECTIONS ARE COMPATIBLE WITH NEW DUCTWORK SYSTEM IN THIS LOCATION.

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PROJECT #: T2519-01

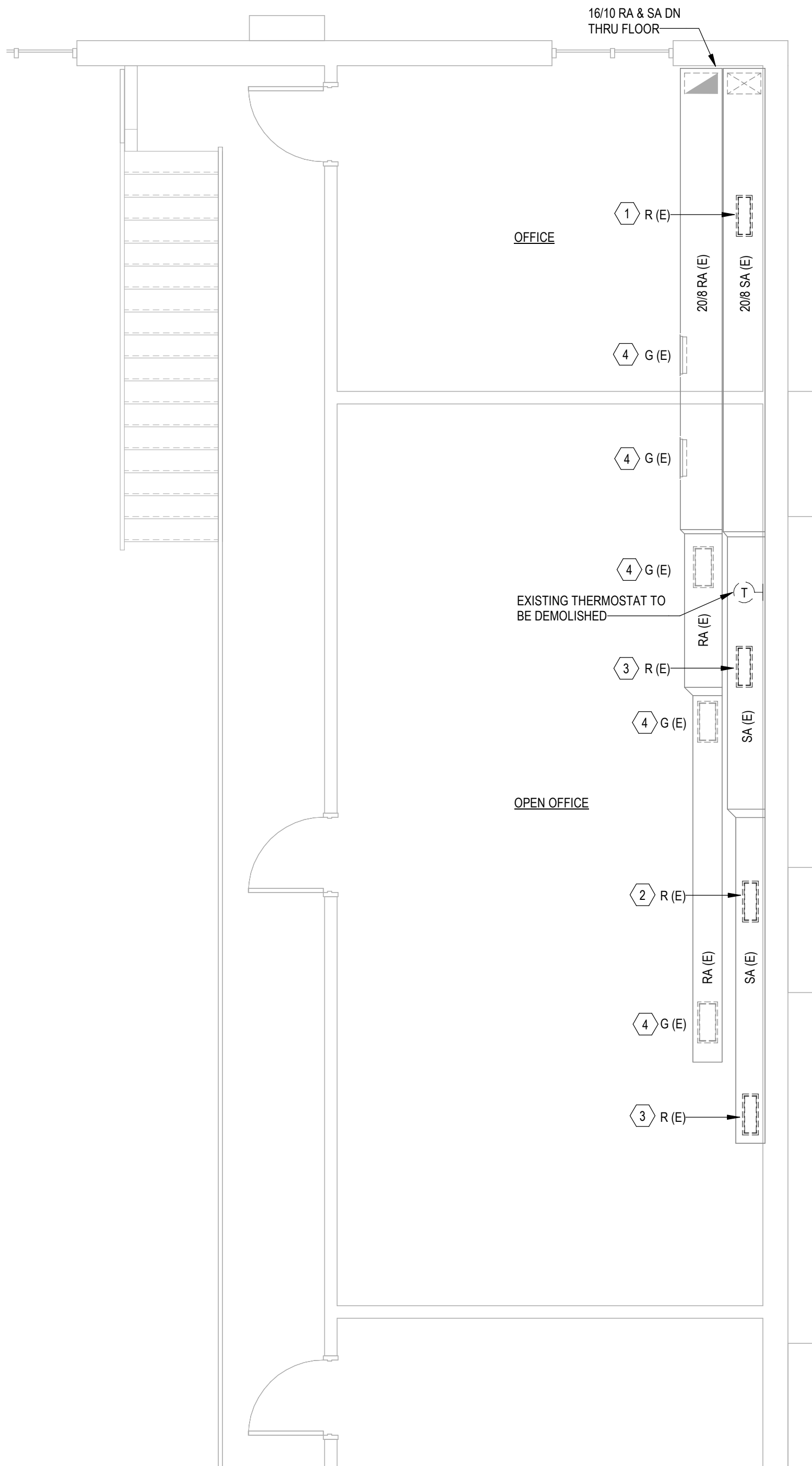
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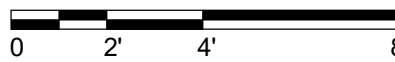
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SHEET TITLE:
First Floor HVAC Plans

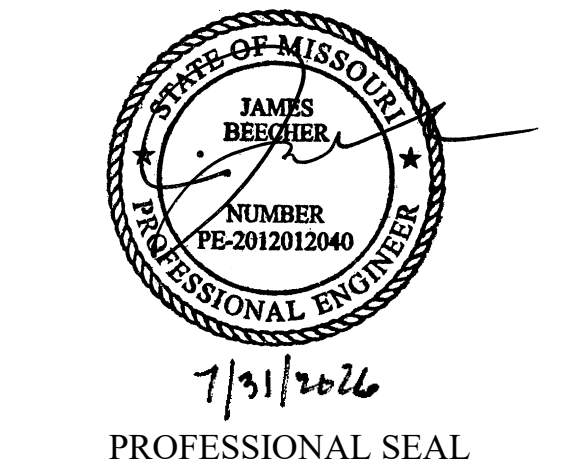
SHEET NUMBER:
M-101
21 OF 35 SHEETS
07/31/2026



 **SECOND FLOOR HVAC PLAN**
SCALE: 1/4" = 1'-0" 

- GENERAL NOTES:**
1. ALL SUPPLY REGISTERS TO BE REBALANCED ARE SHOWN IN HEAVY, DASHED LINEWEIGHT. ALL WORK TO REMAIN AS EXISTING IS SHOWN IN LIGHT LINEWEIGHT.
- PLAN NOTES:**
- 1. REBALANCE SUPPLY REGISTER TO 200 CFM. CONTRACTOR SHALL CLEAN EXISTING DIFFUSERS OF DUST AND STAINS.
 - 2. REBALANCE SUPPLY REGISTER TO 245 CFM. CONTRACTOR SHALL CLEAN EXISTING DIFFUSERS OF DUST AND STAINS.
 - 3. REBALANCE SUPPLY REGISTER TO 240 CFM. CONTRACTOR SHALL CLEAN EXISTING DIFFUSERS OF DUST AND STAINS.
 - 4. CONTRACTOR SHALL CLEAN EXISTING DIFFUSERS OF DUST AND STAINS.

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ISSUE DATE: 07/31/2026

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SHEET TITLE:
Second Floor HVAC
Plans

SHEET NUMBER:

M-102

22 OF 35 SHEETS
07/31/2026

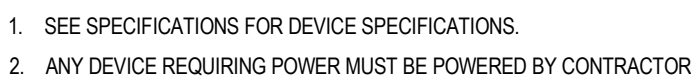
UNIT TAG	MANUFACTURER	LOCATION	MODEL	AREA SERVED	NOMINAL TONNAGE	MIN. REQ. EFFICIENCY (EER)	UNIT WEIGHT (LBS)	SUPPLY AIRFLOW (CFM)	SUPPLY ESP (IN WC)	FAN NOMINAL HP	MIN O.A. (CFM)	COOLING COIL					HEAT EXCHANGER					MODULATING HOT GAS REHEAT				ELECTRICAL				
												NET TOTAL CAPACITY (MBH)	NET SENSIBLE CAPACITY (MBH)	ENTERING AIR DB (F)	ENTERING AIR WB (F)	LEAVING AIR DB (F)	LEAVING AIR WB (F)	# OF GAS STAGES	INPUT CAPACITY (MBH)	OUTPUT CAPACITY (MBH)	ENTERING AIR DB (F)	LEAVING AIR DB (F)	DEHUMID CAPACITY (MBH)	REHEAT COIL LAT (F)	REHEAT COIL TEMP RISE (F)	REHEAT MOISTURE REMOVAL (GPH)	VOLTAGE RATING (VPH)	MCA (A)	MOCP (A)	DISCONNECT
RTU-1	TRANE	EXTERIOR PAD MOUNTED	YSK048A3	WOMEN'S RR, 2ND FLR	4	12.0	819	1,600	1.00	1.5	450	46.2	34.5	78.5	65.4	56.1	55.0	2	130	105	49.0	111.3	24.4	72.7	14.1	0.77	208/3	32	45	NON-FUSED

GENERAL NOTES

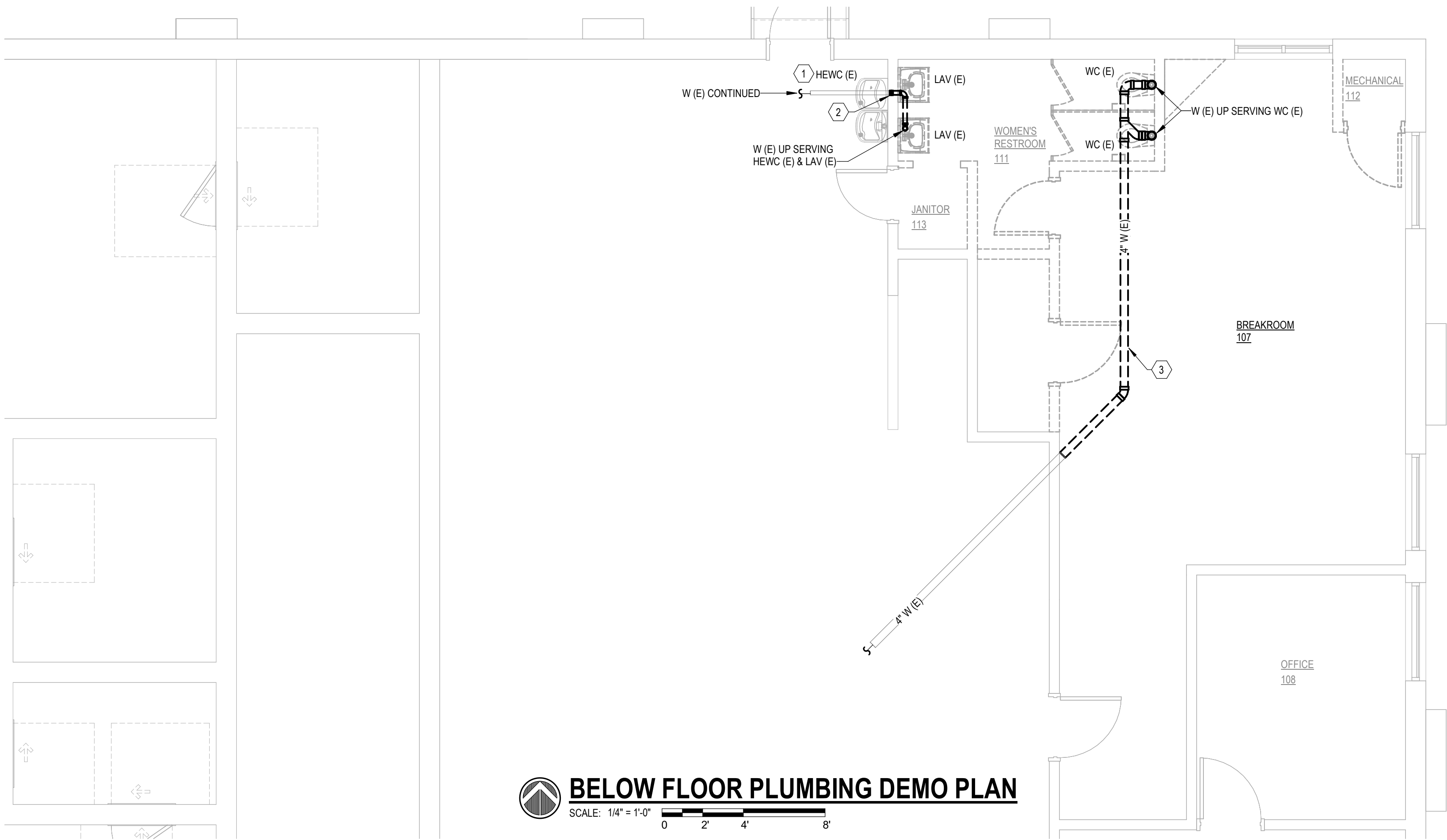
- AMBIENT CONDITIONS PER ASHRAE: 95.1 DB, 76.8 WB (SUMMER), 0.4 DB (WINTER)
- DIRECT DRIVE FC CENTRIFUGAL, TWO-STAGE FAN AND SINGLE STAGE COMPRESSOR (PROVIDE REFRIGERANT 454B).
- INSTALL UNITS WITH ADEQUATE CLEARANCE FOR COIL PULL, FILTER REPLACEMENT AND TO FULLY OPEN ACCESS DOORS. PROVIDE A MINIMUM OF 3 FEET CLEARANCE IN FRONT OF DISCONNECT SWITCHES AND CONTROL PANELS. COMPLY FULLY WITH NEC.
- HORIZONTAL DISCHARGE. PROVIDE HINGED ACCESS DOORS WITH HANDLES.
- UNIT STATIC PRESSURE CAPABILITY SHALL INCLUDE SCHEDULED EXTERNAL STATIC PRESSURE PLUS ALL SCHEDULED INTERNAL PRESSURE DROPS.
- PROVIDE UNIT WITH SINGLE POINT POWER CONNECTION. PROVIDE WITH 115V CONVENIENCE OUTLET FOR FIELD WIRING. COORDINATE WIRING WITH ELECTRICAL CONTRACTOR.
- PROVIDE UNIT WITH FULL OUTSIDE AIR ECONOMIZER AND BYPASS DAMPER.
- PROVIDE WITH MODULATING HOT GAS REHEAT FOR DEHUMIDIFICATION.
- PROVIDE WITH FACTORY MOUNTED NON-FUSED 3R DISCONNECT.
- REFER TO SPEC SECTION 23.74.13 FOR MORE INFORMATION.



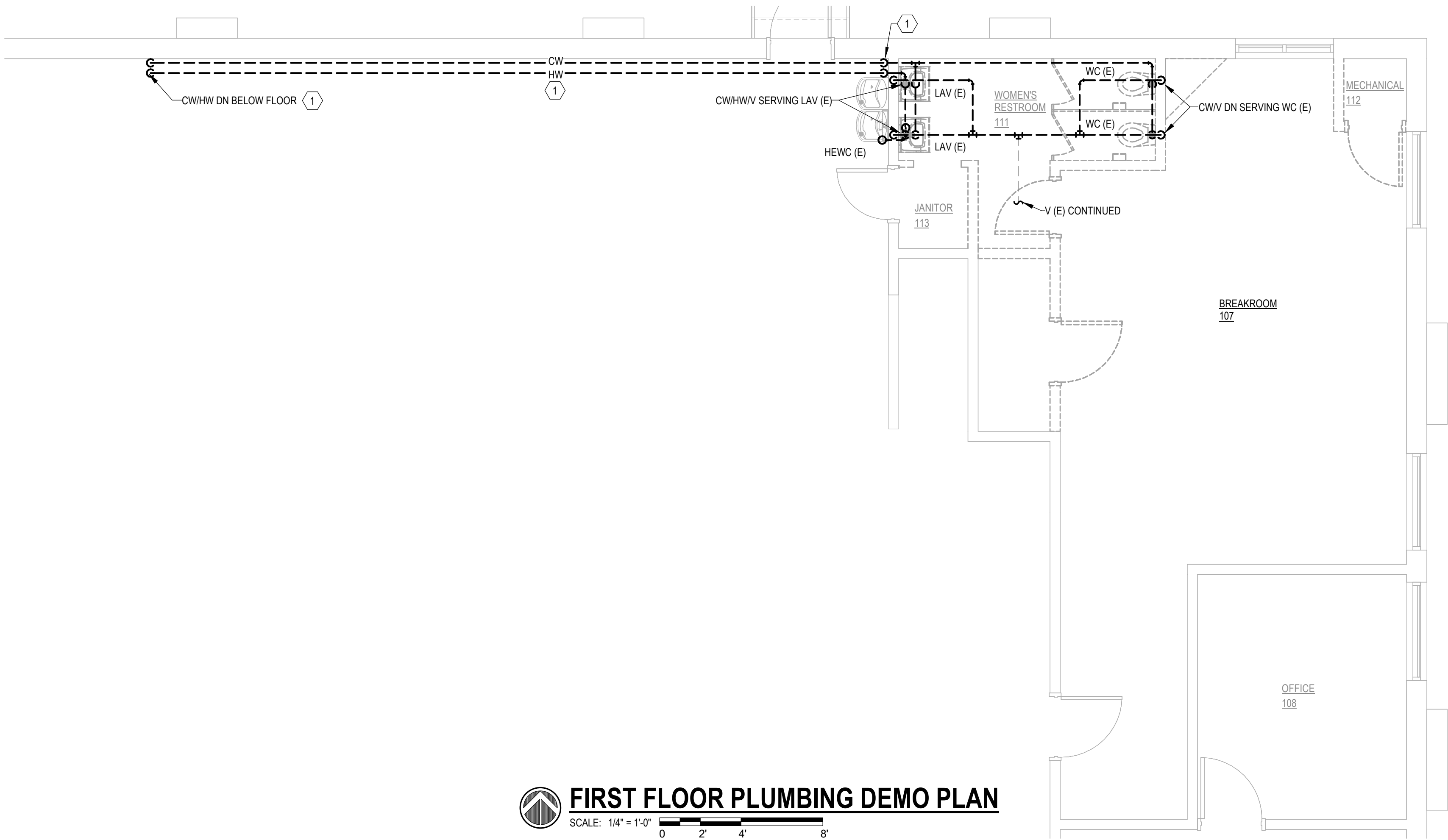
MARK:	TYPE:	MAX. P.D. (IN. WG.):	MAX. N.C.:	MAXIMUM CFM:	MANUFACTURER AND MODEL NUMBER:	REMARKS:
D-1	SQUARE CEILING DIFFUSER - ARCH. TYPE	0.15	25	SEE PLANS FOR CFM AND NECK SIZE	TITUS MODEL "OMNI-AA" OR EQUIVALENT	24" X 24" FACE SIZE. ALL ALUMINUM CONSTRUCTION, WHITE FINISH PROVIDE APPROPRIATE BORDER FOR CONSTRUCTION
D-2	SQUARE CEILING DIFFUSER - ARCH. TYPE	0.15	25	SEE PLANS FOR CFM AND NECK SIZE	TITUS MODEL "OMNI-AA" OR EQUIVALENT	12" X 12" FACE SIZE. ALL ALUMINUM CONSTRUCTION, WHITE FINISH PROVIDE APPROPRIATE BORDER FOR CONSTRUCTION PROVIDE WITH OPTIONAL FACE DAMPER
G-1	SQUARE CEILING DIFFUSER - ARCH. TYPE	-0.15	25	SEE PLANS FOR CFM AND NECK SIZE	TITUS MODEL "PAR-AA" OR EQUIVALENT	24" X 24" FACE SIZE. ALL ALUMINUM CONSTRUCTION, WHITE FINISH PROVIDE APPROPRIATE BORDER FOR CONSTRUCTION PROVIDE WITH OPTIONAL FACE DAMPER
G-2	SQUARE CEILING DIFFUSER - ARCH. TYPE	-0.15	25	SEE PLANS FOR CFM AND NECK SIZE	TITUS MODEL "PAR-AA" OR EQUIVALENT	12" X 12" FACE SIZE. ALL ALUMINUM CONSTRUCTION, WHITE FINISH PROVIDE APPROPRIATE BORDER FOR CONSTRUCTION PROVIDE WITH OPTIONAL FACE DAMPER
R-1	DUCT MOUNT SUPPLY REGISTER	0.15	25	SEE PLANS FOR CFM AND NECK SIZE	TITUS MODEL "301FL" OR EQUIVALENT	ALUMINUM CONSTRUCTION. WHITE FINISH, 3/4" BLADES, DOUBLE DEFLECTION, FRONT BLADES PARALLEL TO LONG DIMENSION PROVIDE WITH OPTIONAL FACE DAMPER
R-2	DUCT MOUNT RETURN REGISTER	-0.15	25	SEE PLANS FOR CFM AND NECK SIZE	TITUS MODEL "50F" OR EQUIVALENT	ALUMINUM CONSTRUCTION. WHITE FINISH, 3/4" BLADES, DOUBLE DEFLECTION, FRONT BLADES PARALLEL TO LONG DIMENSION



23 OF 35 SHEETS
07/31/2026

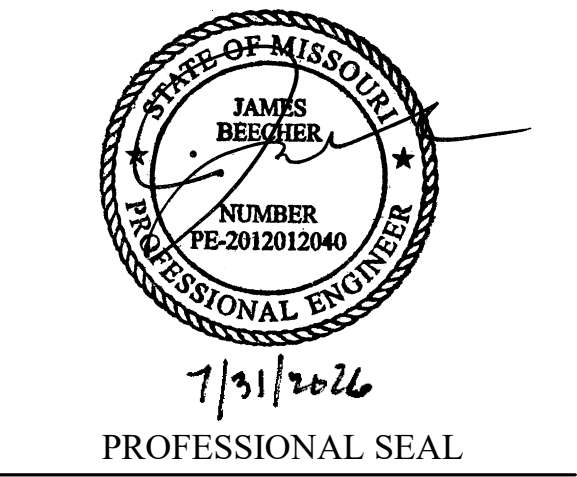


- GENERAL NOTES:**
1. ALL WORK TO BE DEMOLISHED IS SHOWN IN HEAVY, DASHED LINEWEIGHT. ALL WORK TO REMAIN AS EXISTING IS SHOWN IN LIGHT LINEWEIGHT.
 2. ALL BELOW FLOOR DEMOLITION WORK SHALL BE COORDINATED WITH OTHER TRADES.
- PLAN NOTES:**
- 1 EXISTING WASTE PIPING TO HEWC (E) TO BE DEMOLISHED AS NECESSARY TO FACILITATE THE INSTALLATION OF NEW WASTE LINE CONNECTION. REFER TO BELOW FLOOR PLUMBING PLAN ON P-101 FOR CONNECTION TO NEW WORK.
 - 2 EXISTING WASTE LINE TO BE CAPPED AND ABANDONED IN PLACE.
 - 3 DEMOLISH EXISTING WASTE PIPING AS NECESSARY TO FACILITATE THE INSTALLATION OF THE NEW WASTE CONNECTION IN THIS LOCATION. REFER TO BELOW FLOOR PLUMBING PLAN ON P-101 FOR CONNECTION TO NEW WORK.



- GENERAL NOTES:**
1. ALL WORK TO BE DEMOLISHED IS SHOWN IN HEAVY, DASHED LINEWEIGHT. ALL WORK TO REMAIN AS EXISTING IS SHOWN IN LIGHT LINEWEIGHT.
- 1 CWIHW PIPING TO BE DEMOLISHED BACK TO THE MAIN AS NECESSARY TO FACILITATE THE INSTALLATION OF UPSIZED CWIHW PIPING IN ITS PLACE.

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PROJECT #: T2519-01

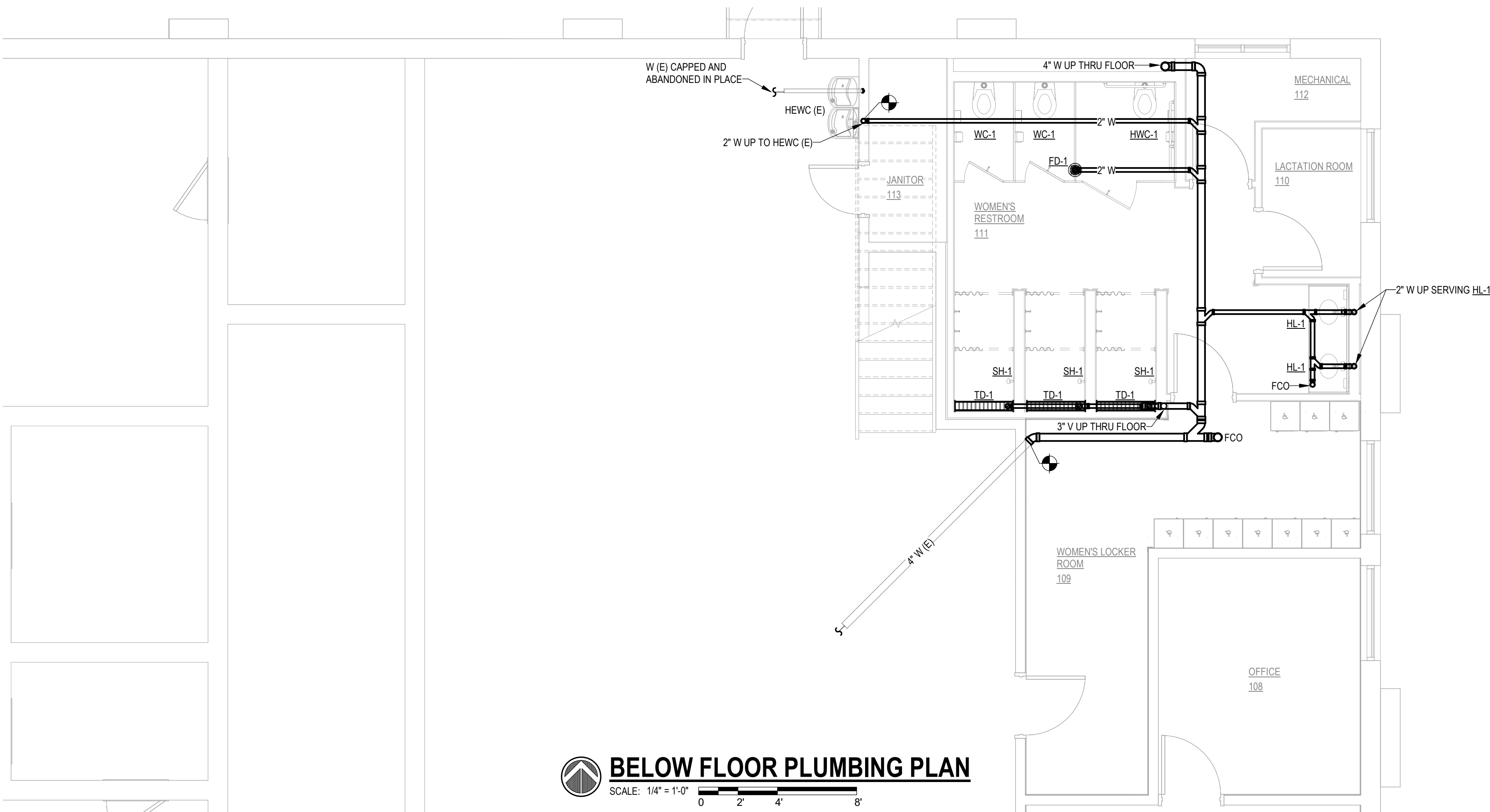
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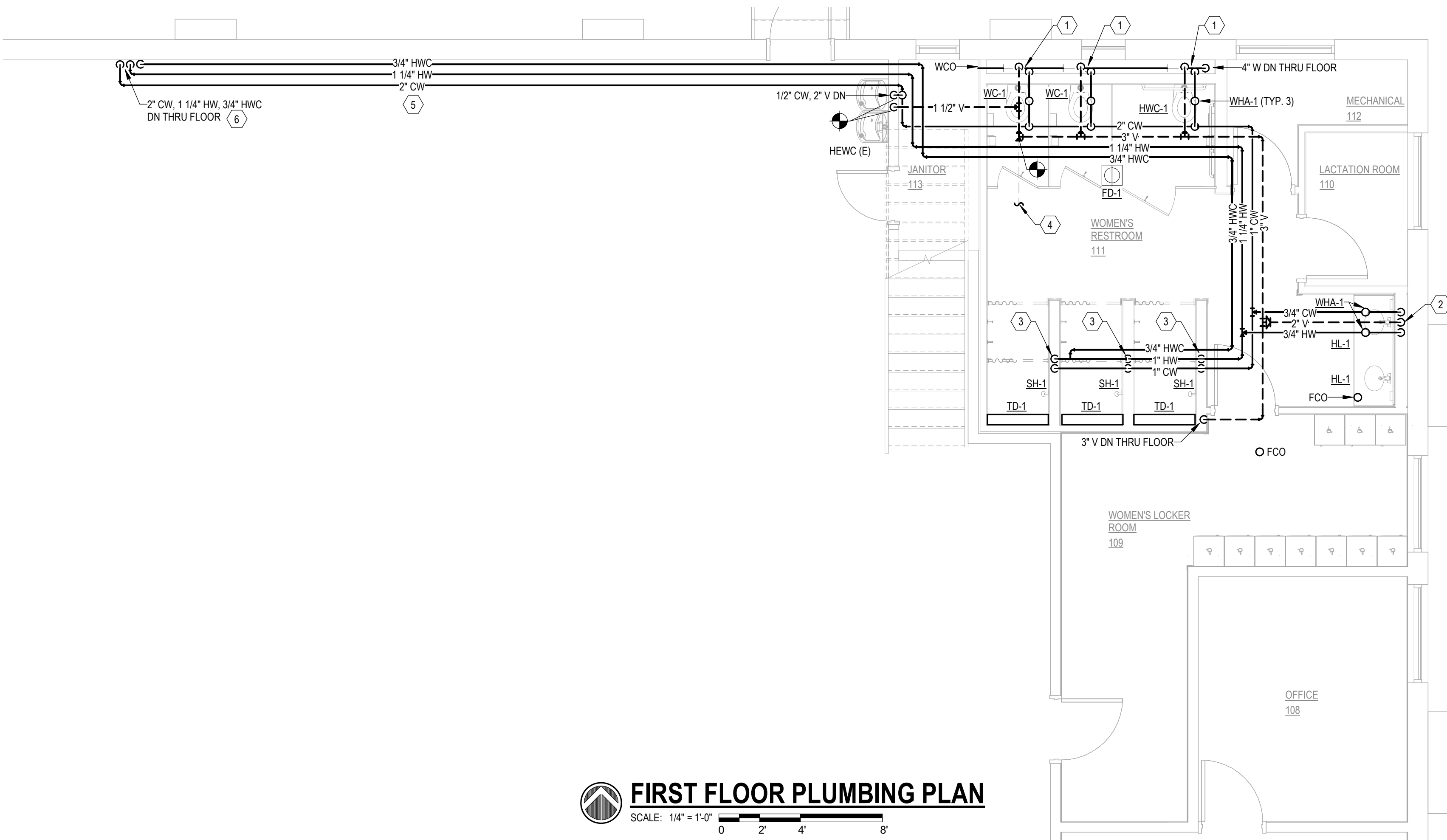
SHEET TITLE:
First Floor Plumbing
Demo Plans

SHEET NUMBER:
P-001
24 OF 35 SHEETS
07/31/2026



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

GENERAL NOTES:
1. ALL NEW WORK IS SHOWN IN HEAVY LINEWEIGHT. ALL WORK TO REMAIN AS EXISTING IS SHOWN IN LIGHT LINEWEIGHT.

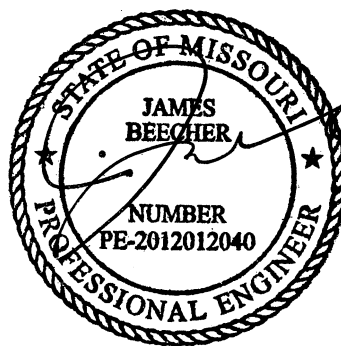


FIRST FLOOR PLUMBING PLAN
SCALE: 1/4" = 1'-0" 0 2' 4' 8'

GENERAL NOTES:
1. ALL NEW WORK IS SHOWN IN HEAVY LINEWEIGHT. ALL WORK TO REMAIN AS EXISTING IS SHOWN IN LIGHT LINEWEIGHT.

- PLAN NOTES:
- 1 1/2" CW & 2" V PIPING DN SERVING (H)HWC-1.
 - 2 3/4" CW/HW PIPING DN SERVING HL-1.
 - 3 1 1/2" CW/HW PIPING DN SERVING SH-1.
 - 4 EXISTING VTR LOCATION IS UNKNOWN. CONTRACTOR TO DETERMINE OPTIMAL VENT ROUTING TO VTR (E) AND NOTIFY EOR OF FINAL LOCATION.
 - 5 PIPING SHALL BE SURFACE MOUNTED AND ROUTED IN SIMILAR FASHION AS THE PIPING TO BE DEMOLISHED IN THIS LOCATION. PIPING ON PLAN SHOWN AS OFFSET FOR CLARITY.
 - 6 REFER TO SHEET P-102 FOR CONT.

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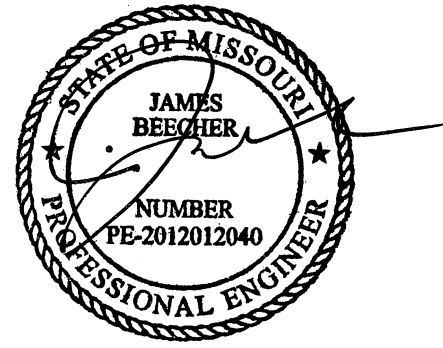
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SHEET TITLE:
**First Floor Plumbing
Plans**

SHEET NUMBER:

P-101

25 OF 35 SHEETS
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Basement Plumbing
Plans

SHEET NUMBER:

P-102

26 OF 35 SHEETS
07/31/2026



GENERAL NOTES:

1. ALL WORK TO BE DEMOLISHED IS SHOWN IN HEAVY, DASHED LINEWEIGHT.
ALL WORK TO REMAIN AS EXISTING IS SHOWN IN LIGHT LINEWEIGHT.

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



GENERAL NOTES:

1. ALL NEW WORK IS SHOWN IN HEAVY LINEWEIGHT. ALL WORK TO REMAIN AS
EXISTING IS SHOWN IN LIGHT LINEWEIGHT.

- 1 2" CW, 1 1/4" HW, 3/4" HWC UP THRU FLOOR.
2 CONNECT VENT PIPE TO WATER HEATER VENT OUTLET W/ EQUIPMENT
PROVIDED DRAFT HOOD. PITCH VENT PIPING BACK TO WATER HEATER AT MIN.
1/4" RISER PER LINEAR FOOT.

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

1

CLEVIS HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8" DIA	4" - 5"	5/8" DIA
2 1/2" - 3"	1/2" DIA	6" - 12"	7/8" DIA

GYPSUM BOARD WALL

MASONRY OR CONCRETE WALL

2

TYPICAL PIPE PENETRATIONS AT WALL

NO SCALE

3

DRAIN WATERPROOFING

NO SCALE

PLUMBING FIXTURE, ACCESSORY, AND CONNECTION SCHEDULE

MARK: (H)JL-1	FUNCTION: COUNTERTOP LAVATORY (HANDICAPPED ACCESSIBLE)	LAVATORY: FAUCET: TRAP: DRAIN: SUPPLIES: REMARKS:	MANUFACTURER AND MODEL: SOLID SURFACE INTEGRAL BOWL. REFER TO ARCH. CHICAGO 802-V317XKABCP FAUCET NO EQUIVALENT, POLISHED CHROME. 2.2 GPM. 4" WRIST BLADES, WITH THERMOSTATIC MIXING VALVE, ADA COMPLIANT. MINIMUM 17-GAUGE CHROME PLATED CAST BODY W/ ESCUTCHEON CHROME PLATED GRID DRAIN W/ TAILPIECE CHROME-PLATED LOOSE KEYSTOP VALVES WITH LOCK SHIELD CAP AND DEEP ESCUTCHEON PLATES PROVIDE P-TRAP INSULATION AND SUPPLY INSULATION	WASTE: 1-1/2"	VENT: 1-1/2"	HW: 1/2"	CW: 1/2"
SH-1	SHOWER	SHOWER SYSTEM:	CHICAGO FAUCETS MODEL SH-TP7-01-000 OR APPROVED EQUIVALENT. COMMERCIAL SHOWER SYSTEM, 2.5 GPM, CAST BRASS BODY VALVE HOT LIMIT SAFETY STOP, ADA COMPLIANT			1/2"	1/2"
(H)WC-1	WATER CLOSET (HANDICAPPED ACCESSIBLE)	FIXTURE: VALVE: SEAT: CARRIER:	SLOAN MODEL ST-2459-STG OR APPROVED EQUIVALENT ELONGATED WATER CLOSET MADE OF VITREOUS CHINA WITH A 1-1/2" TOP SPUD. BOWL SHALL BE ADA COMPLIANT. WATER CLOSET SHALL BE WALL MOUNTED. FLUSH CYCLE SHALL BE 1.6 GPF. SIPHON JET, (H)WC-1 INSTALLED AT ADA-COMPLIANT HEIGHT. SEE PLANS SLOAN MODEL ROYAL 111 OR APPROVED EQUIVALENT. EXPOSED, MANUAL-OPERATED FLUSHOMETER FOR WALL-MOUNTED TOP SPUD UNITS. 1.6 GPF, DIAPHRAGM TYPE, W/ VACUUM BREAKER AND FLUSH CONNECTION, IPS SCREWDRIVER BAK-CHEK ANGLE STOP W/ VANDAL RESISTANT CAP, ADA COMPLIANT. EXTRA HEAVY DUTY ELONGATED OPEN FRONT SEAT WITH CHECK HINGE, NO LID ON SEAT, WHITE COLOR WALL HUNG - 750 LB LOAD RATED, MINIMUM	4"	2"		1-1/2"

REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR FIXTURE MOUNTING HEIGHTS OR MOUNT AT MANUFACTURERS RECOMMENDED HEIGHTS.

PLUMBING SCHEDULE NOTES:
1) MINIMUM SIZE OF UNDER SLAB WASTE/VENT SHALL BE 2".
2) ALL HANDICAPPED LAVATORIES SHALL BE INSTALLED WITH P-TRAP AND SUPPLY INSULATION. PROVIDE TRUEBRO MODEL 102 OR EQUIVALENT P-TRAP INSULATION. HOT AND COLD WATER VALVES AND SUPPLY SHALL BE INSULATED WITH CLOSED CELL VINYL, 3/16" WALL THICKNESS, K-VALUE OF 1.17.
3) CONTRACTOR SHALL VERIFY ALL WALL THICKNESSES AND SHALL ORDER APPROPRIATE OPERATING ROD ASSEMBLIES AS REQUIRED

PLUMBING SPECIALTIES SCHEDULE

MARK:	FUNCTION:	SERVES:	CAPACITY:	MANUFACTURER/ MODEL:	DESCRIPTION:	REMARKS:
ET-1	EXPANSION TANK	DOMESTIC HOT WATER SYSTEM	14.0 GALLON, 15" DIAMETER	AMTROL THERM-X-TROL ST-30V-C OR EQUIV.	HIGH DIAPHRAGM TYP EXPANSION TANK SPECIFICALLY DESIGNED FOR POTABLE WATER.	
FD-1	FLOOR DRAIN	DOMESTIC DMV	5" TOP STRAINER, SEE PLANS FOR OUTLET SIZE	ZURN Z415B OR EQUIV.	CAST IRON BODY WITH FLANGE, INTEGRAL CLAMPING COLLAR, SEEPAGE OPENINGS, 5" TOP SIZE, NICKEL BRONZE STRAINER. PROVIDE WITH TRAP SEAL.	1,2
TD-1	TRENCH DRAIN	DOMESTIC DWV	SEE PLANS FOR OUTLET SIZE	ZURN POD-PRO ZPT1	ZURN 36" SHALLOW STAINLESS STEEL LINEAR DRAIN WITH MEMBRANE FLANGE AND DROP IN OUTLET 1/2" DEEP, TYPE 304 STAINLESS STEEL V-SHAPE CHANNEL, 12" LONG 2" NO HUB, NEOPRENE OUTLET GASKET SLOTTED GRATE. CONTRACTOR SHALL ADJUST OUTLET LENGTH, HEIGHT AND OUTLET LOCATION AS NEEDED TO FACILITATE INSTALLATION	1,2
WHA-1	WATER HAMMER ARRESTOR	DOMESTIC WATER	SEE PLANS FOR SIZE	J.R. SMITH HYDROTOL 5000 SERIES OR EQUIVALENT.	STAINLESS STEEL CONSTRUCTION, PRE-CHARGED COMPRESSION CHAMBER, NON-TOXIC HYDRAULIC FLUID, IN-LINE DESIGN WITH THREADED NIPPLE CONNECTION. SIZE AND INSTALL PER THE PLUMBING AND DRAINAGE INSTITUTE (PDI-WH 201)	1

REMARKS:
1. SEE SPECIFICATION SECTION 22 11 19.
2. MINIMUM SIZE OF UNDER SLAB WASTE/VENT SHALL BE 2".

PLUMBING EQUIPMENT SCHEDULE

EQUIPMENT MARK:	TYPE:	SERVES:	OPERATING CONDITIONS:	CAPACITY:	MANUFACTURER AND MODEL:	REMARKS:
DWH-1	NATURAL GAS WATER HEATER WITH VERTICAL STORAGE TANK	DOMESTIC HOT WATER SYSTEM	5-14" W.C. NATURAL GAS 170 GPH @ 90 DEG.F. RISE 75,100 BTUH INPUT WORKING PRESS. = 150 PSI	98 GALLONS (NOMINAL) 95 GALLONS (RATED)	A.O. SMITH FCG-100 OR EQUIVALENT	REFER TO SPECIFICATION SECTION 22 30 00 FOR MORE INFORMATION AND ADDITIONAL REQUIREMENTS. 6 YEAR LIMITED TANK AND PARTS WARRANTY. UL LISTED. ASME RATED TEMPERATURE AND PRESSURE RELIEF VALVE.
TMV-1	LEAD FREE THERMOSTATIC MIXING VALVE	DOMESTIC HOT WATER SYSTEM	140°F E.W.T 100°F L.W.T	1 GPM MINIMUM FLOW 20 GPM DESIGN FLOW @ 5 PSI MAX. DROP 1" COPPER INLET CONNECTIONS 1-1/4" OUTLET CONNECTION	LEONARD VALVE TM-820B-LF-DT OR EQUIVALENT	HIGH/LOW THERMOSTATIC WATER MIXING VALVE W/ 1 GPM MIN. FLOW CAPACITY. OUTLET DIAL THERMOMETER AND BALL VALVE. INTEGRAL COMBO CHECKSTOPS W/ STRAINERS AND WALL SUPPORT. 125 PSI MAX. OPERATING PRESS. 60 -180 DEG F TEMP ADJUSTMENT RANGE. COPPER ENCAPSULATED THERMOSTATIC ASSEMBLY W/ SS SHUTTLE. ROUGH BRONZE FINISH W/ SS INTERNALS. ASSE 1017 CERTIFIED. SEE SPECIFICATION SECTION 22 30 00 FOR ADDITIONAL REQUIREMENTS.

PUMP SCHEDULE

MARK:	FUNCTION:	OPERATING WATER TEMPERATURE:	FLUID TYPE:	PUMP TYPE:	WATER FLOW (GPM):	TOTAL HEAD (FT):	MOTOR DATA:				MANUFACTURER & MODEL NO. OR EQUIVALENT	CONNECTION SIZE:	REMARKS
HWCP-1	DOMESTIC HOT WATER RECIRCULATION PUMP	100-140 DEG. F	A	1	2	10	HP:	VOLTS:	PH:	HZ:	GRUNDFOS UPS 15-55 SUC	1 1/4"	1, 2, 3
FLUID TYPE: A. DOMESTIC HOT WATER													
PUMP TYPE: 1. INLINE CIRCULATOR SUITABLE FOR POTABLE WATER USE													
REMARKS 1. STAINLESS STEEL CASING AND SHAFT, CAST IRON BRACKET W/ STAINLESS STEEL FACE PLATE, 1/4" NPT GAUGE TAPS IN FLANGES, STANDARD MECH SEALS, NSF 61 CERTIFIED 2. REFER TO SPECIFICATION SECTION 22 21 23 FOR ADDITIONAL REQUIREMENTS. 3. OPERATING MODE SHALL BE CONSTANT PRESSURE 4. PROVIDE WITH TIME CLOCK.													

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR

7/31/2026
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CLARK & ENERSEN

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p. 816-474-8237

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Certificate of Authority to Offer Engineering Services:
#E-2005030491-F
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NATIONAL GUARD

Chillicothe Readiness Center -
USB Roof Replacement &
Latrine Renovation

1500 Washington St.
Chillicothe, MO 64601

PROJECT #: T2519-01

SITE #: 6252
ASSET #: 8136252002

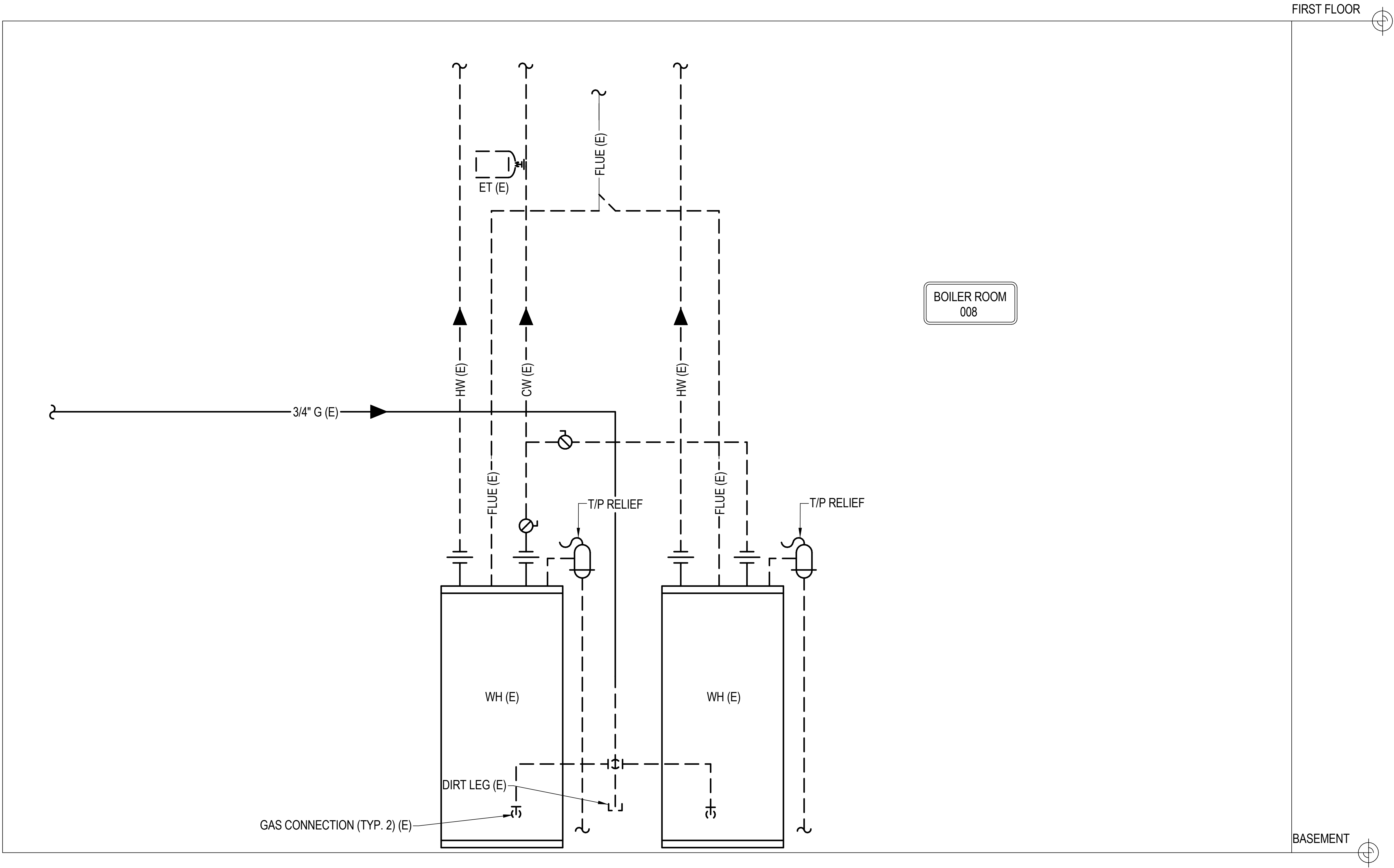
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DATE: _____
ISSUE DATE: 07/31/2026

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CHECKED BY: JB
DESIGNED BY: LE

SHEET TITLE:
Plumbing Schedules &
Details

SHEET NUMBER:
P-201

27 OF 35 SHEETS
07/31/2026

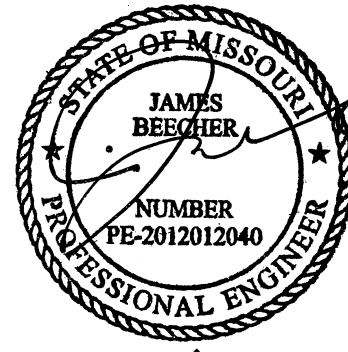


1

WATER HEATER DEMO SCHEMATIC

NO SCALE

STATE OF MISSOURI
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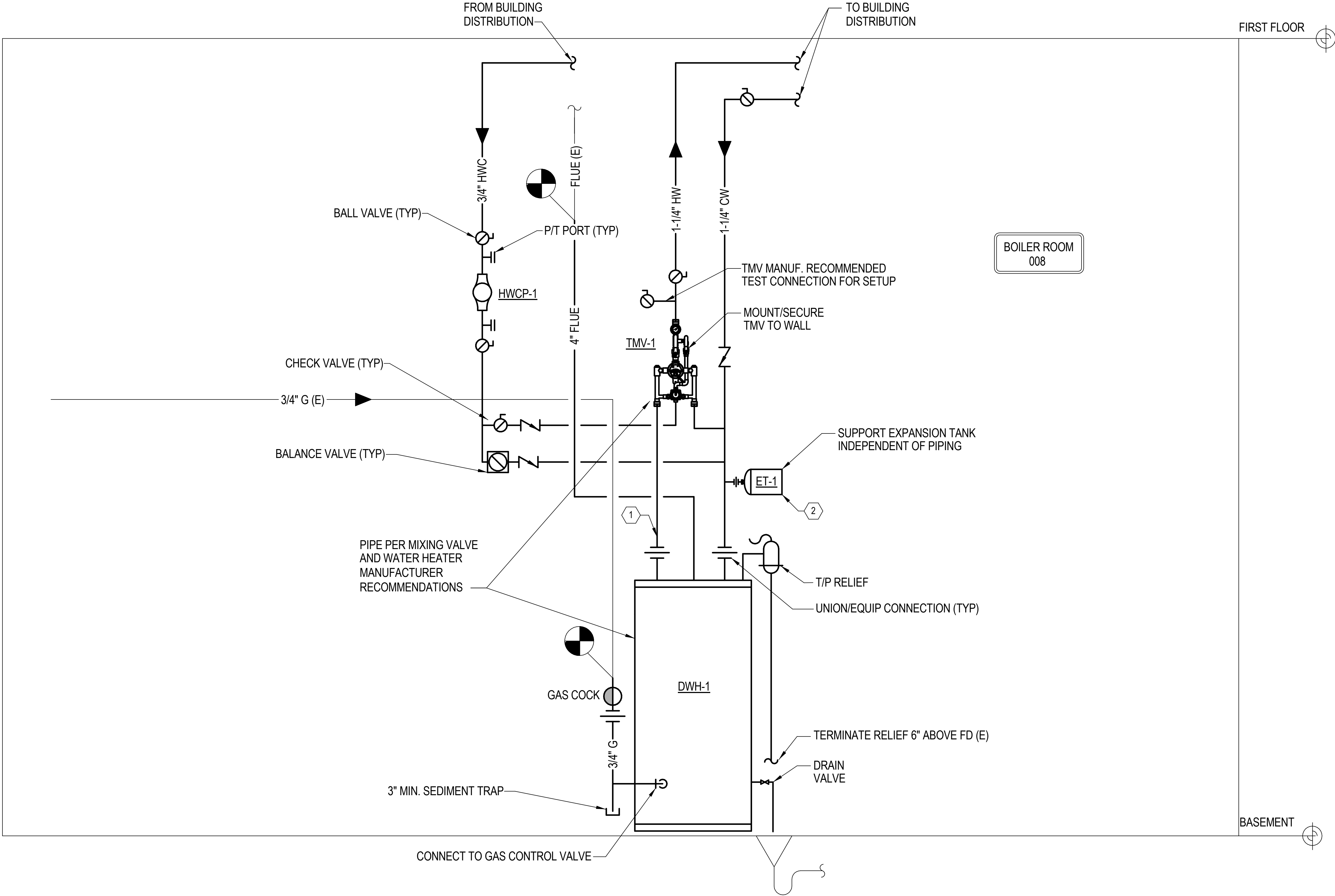
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Plumbing Schematics

SHEET NUMBER:

P-301

28 OF 35 SHEETS
07/31/2026



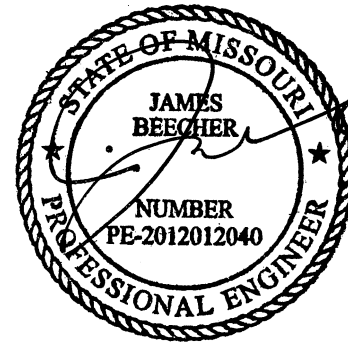
1 WATER HEATER PIPING SCHEMATIC

NO SCALE

NOTES:

- 1 INSTALL MANUFACTURER RECOMMENDED HEAT TRAP ON HW INLET TO TMV. REFER TO TMV IOM FOR MORE INFORMATION.
- 2 ADJUST PRE-CHARGE PRESSURE TO MATCH COLD WATER SUPPLY PRESSURE PER MANUF. IOM.

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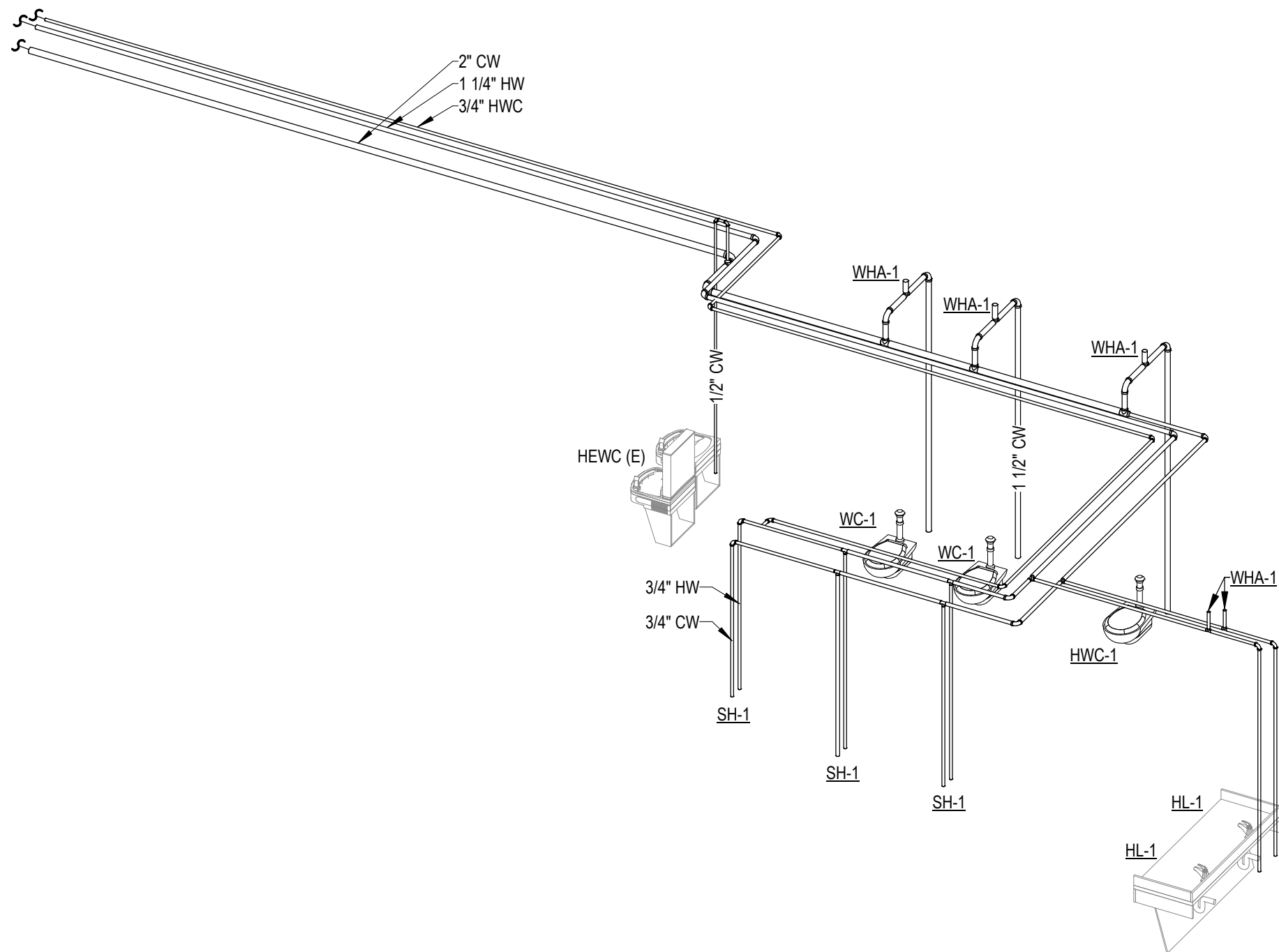
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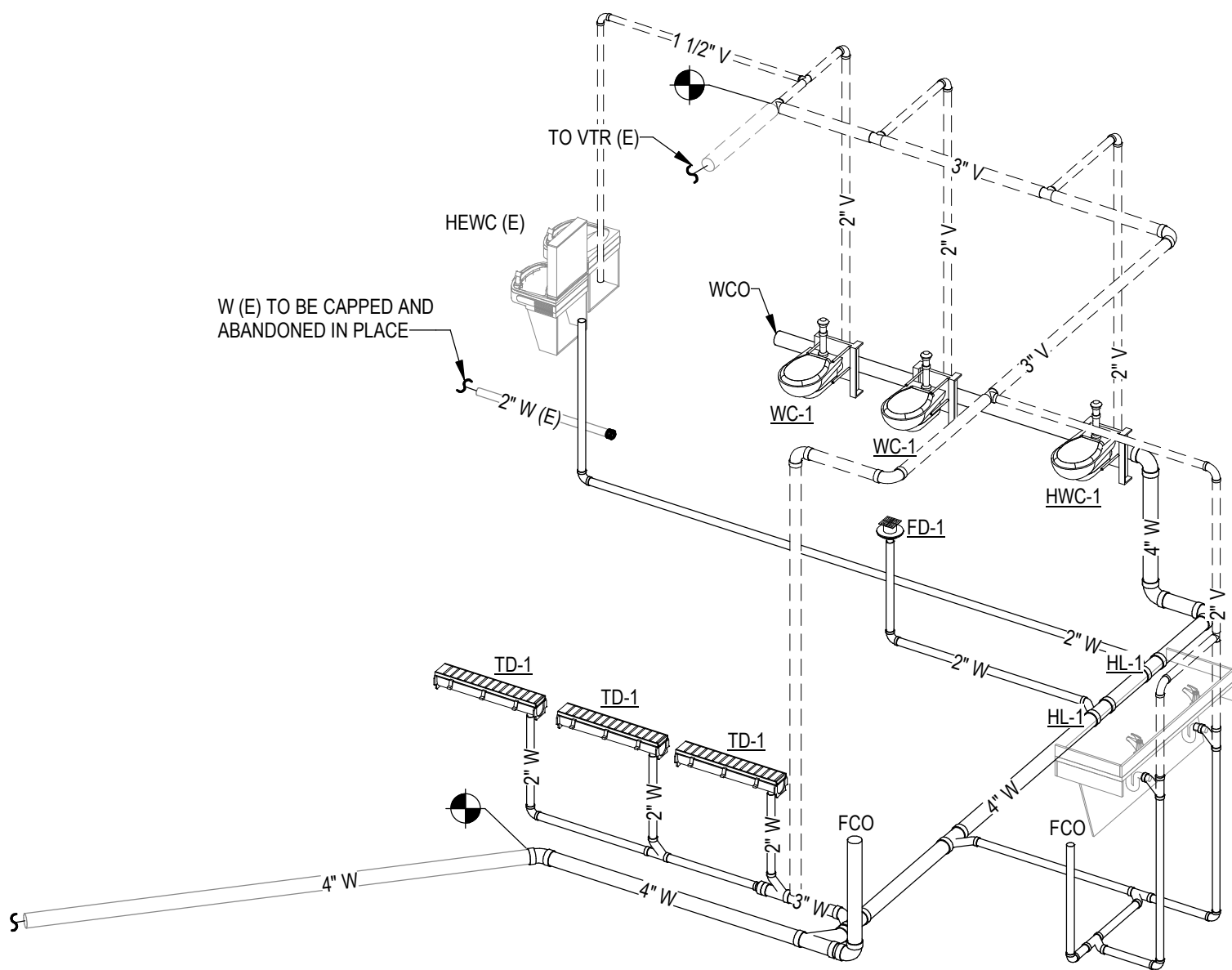
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07/31/2026

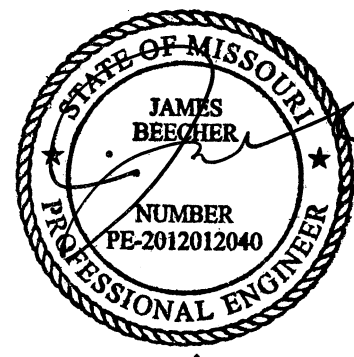


1 DOMESTIC WATER RISER DIAGRAM



2 WASTE AND VENT RISER DIAGRAM

STATE OF MISSOURI
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7/31/2026

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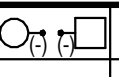
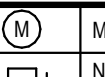
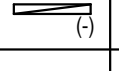
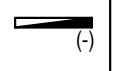
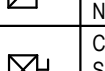
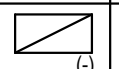
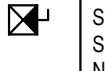
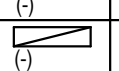
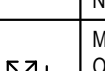
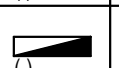
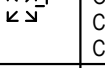
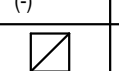
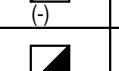
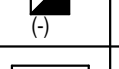
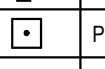
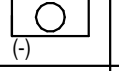
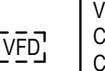
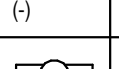
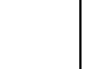
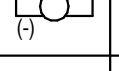
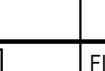
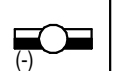
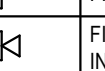
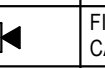
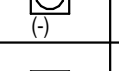
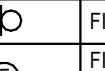
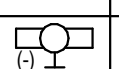
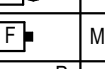
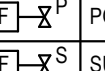
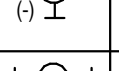
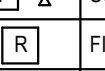
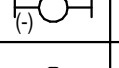
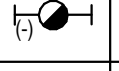
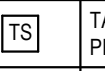
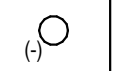
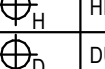
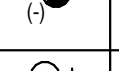
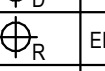
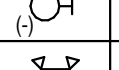
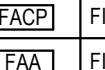
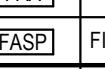
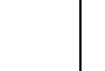
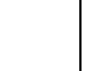
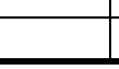
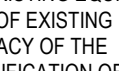
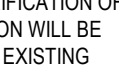
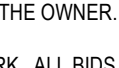
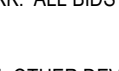
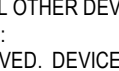
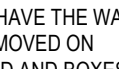
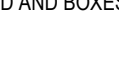
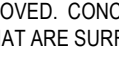
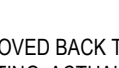
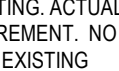
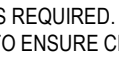
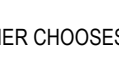
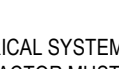
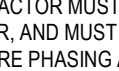
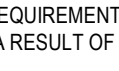
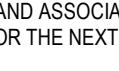
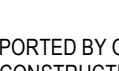
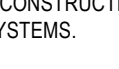
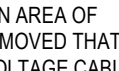
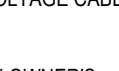
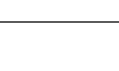
SHEET TITLE:
Plumbing Risers

SHEET NUMBER:

P-401

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07/31/2026

ELECTRICAL ABBREVIATIONS AND SYMBOLS LEGEND

ABBREVIATIONS		LIGHTING	ELECTRICAL DISTRIBUTION	ELECTRICAL DISTRIBUTION EQUIPMENT	MOTOR CONTROL & MOTOR CONTROL EQUIPMENT
AFF	ABOVE FINISHED FLOOR	 POLE MOUNTED EXTERIOR LIGHT FIXTURE. LETTERNUMBER INDICATES FIXTURE AND POLE TYPE.	S	LINE VOLTAGE SINGLE POLE SWITCH	 MOTOR -HORSEPOWER AS INDICATED ON DRAWINGS
AFG	ABOVE FINISH GRADE	 LINEAR RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.	S ₂	LINE VOLTAGE TWO POLE SWITCH	 NON-FUSED DISCONNECT SWITCH, ASSUME 30A/3P UNLESS OTHERWISE NOTED.
C	SUBSCRIPT 'C' ADJACENT TO ANY DEVICE INDICATES CEILING.	 LINEAR RECESSED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTERNUMBER DENOTES FIXTURE TYPE.	S ₃	LINE VOLTAGE THREE WAY SWITCH	 FUSED DISCONNECT SWITCH, ASSUME 30A/3P UNLESS OTHERWISE NOTED. FUSE SIZE AS NOTED ON DRAWINGS.
CATV	CABLE TELEVISION	 2' X 4' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.	S ₄	LINE VOLTAGE FOUR WAY SWITCH	 COMBINATION FVNR MAGNETIC MOTOR STARTER WITH HOA SELECTOR SWITCH AND NON-FUSED DISCONNECT SWITCH, ASSUME NEMA SIZE 1 STARTER AND 30A/3P SWITCH UNLESS OTHERWISE NOTED.
DAS	DISTRIBUTED ANTENNA SYSTEM	 2' X 4' RECESSED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTERNUMBER DENOTES FIXTURE TYPE.	S _P	LINE VOLTAGE SINGLE POLE SWITCH WITH PILOT LIGHT	 COMBINATION FVNR MAGNETIC MOTOR STARTER WITH HOA SELECTOR SWITCH AND FUSED DISCONNECT SWITCH, ASSUME NEMA SIZE 1 STARTER AND 30A/3P SWITCH UNLESS OTHERWISE NOTED. FUSE SIZE AS NOTED ON DRAWINGS.
(E)	SUBSCRIPT 'E' ADJACENT TO ANY DEVICE INDICATES EXISTING.	 2' X 4' RECESSED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTERNUMBER DENOTES FIXTURE TYPE.	S _D	LINE VOLTAGE DIMMER SWITCH	 MECHANICAL EQUIPMENT STARTER/DISCONNECT PROVIDED BY OTHERS, INSTALLED AND CONNECTED BY THE ELECTRICAL CONTRACTOR. FULLY COORDINATE ALL INSTALLATION AND CONNECTION DETAILS WITH THE MECHANICAL CONTRACTOR.
EO	ELECTRICALLY OPERATED	 1' X 4' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.	S _{MC}	LINE VOLTAGE MOMENTARY CONTACT SWITCH	 FVNR MAGNETIC MOTOR STARTER WITH HOA SELECTOR SWITCH, ASSUME NEMA SIZE 1 STARTER UNLESS OTHERWISE NOTED.
EPO	EMERGENCY POWER OFF	 1' X 4' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.	S _{TE}	LINE VOLTAGE THERMAL ELEMENT SWITCH	 FVNR MAGNETIC MOTOR STARTER WITH HOA SELECTOR SWITCH, ASSUME NEMA SIZE 1 STARTER UNLESS OTHERWISE NOTED.
(ER)	SUBSCRIPT 'ER' ADJACENT TO ANY DEVICE INDICATES EXISTING TO BE RELOCATED.	 1' X 4' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.	S _K	LINE VOLTAGE KEYED SWITCH	 START/STOP PUSH BUTTON
EWC	ELECTRIC WATER COOLER	 1' X 4' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.	S ₀	LINE VOLTAGE OCCUPANCY SENSING SWITCH, WATTSTOPPER #DW-100-0 (OR EQUAL BY SENSORSWITCH, LEGRAND, OR HUBELL.)	 3 POSITION PUSH BUTTON
F	SUBSCRIPT 'F' ADJACENT TO ANY DEVICE INDICATES FLOOR.	 1' X 4' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.	S _T	LINE VOLTAGE DIGITAL TIMER SWITCH	 PUSH BUTTON
GFI	GROUND FAULT INTERRUPTER	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 VARIABLE FREQUENCY DRIVE PROVIDED BY THE MECHANICAL CONTRACTOR. INSTALLED AND CONNECTED BY THE ELECTRICAL CONTRACTOR. FULLY COORDINATE ALL INSTALLATION AND CONNECTION DETAILS WITH THE MECHANICAL CONTRACTOR.
H	SUBSCRIPT 'H' DENOTES HOSPITAL GRADE	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 FIRE ALARM MANUAL PULL STATION
HM	HORIZONTALLY MOUNTED DEVICE	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 FIRE ALARM SPEAKER/STROBE UNIT (FIELD ADJUSTABLE TO INDICATED CANDELA RATING).
HOA	HAND-OFF-AUTO	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 FIRE ALARM HORN/STROBE UNIT (FIELD ADJUSTABLE TO INDICATED CANDELA RATING).
LTO	LIGHTING	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 FIRE ALARM COMBINATION BELL AND FLASHING LIGHT
MECH	MECHANICAL	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 FIRE ALARM FLASHING STROBE LIGHT (FIELD ADJUSTABLE TO INDICATED CANDELA RATING).
NF	NON-FUSED	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 FIRE ALARM BELL
NIC	NOT IN CONTRACT	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 MAGNETIC DOOR HOLD OPEN DEVICE
NO	NORMALLY OPEN	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 POST SUPERVISORY VALVE CONTACTS
NC	NORMALLY CLOSED	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 SUPERVISORY VALVE CONTACTS
OHE	OVERHEAD ELECTRICAL	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 FIRE ALARM RELAY
OHT	OVERHEAD TELECOMMUNICATIONS	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 WATER FLOW SWITCH, COORDINATE EXACT LOCATION WITH FIRE PROTECTION SUPPLIER/INSTALLER.
PVC	POLYVINYL CHLORIDE	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 TAMPER SWITCH, COORDINATE EXACT LOCATION WITH FIRE PROTECTION SUPPLIER/INSTALLER.
RCPT	RECEPTACLE	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 SMOKE DETECTOR
(R)	SUBSCRIPT 'R' ADJACENT TO ANY DEVICE INDICATES THE RELOCATED POSITION OF AN EXISTING DEVICE.	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 HEAT DETECTOR - COMBINATION RATE OF RISE AND FIXED TEMPERATURE
RGS	RIGID GALVANIZED STEEL	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 DUCT SMOKE DETECTOR
(S)	SUBSCRIPT 'S' ADJACENT TO ANY DEVICE INDICATES THE DEVICE IS TO BE SURFACE MOUNTED.	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 ELEVATOR RECALL SMOKE DETECTOR
TR	TAMPER RESISTANT	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 FIRE ALARM CONTROL PANEL
UGE	UNDERGROUND ELECTRICAL	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 FIRE ALARM ANNUNCIATOR PANEL
USB	UNIVERSAL SERIAL BUS	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			 FIRE ALARM SUPPLY PANEL
HVE	UNDERGROUND MEDIUM OR HIGH VOLTAGE ELECTRICAL	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			
UGT	UNDERGROUND TELECOMMUNICATIONS	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			
WAP	WIRELESS ACCESS POINT	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			
WG	WIRE GUARD	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			
WP	WEATHERPROOF	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			
X	EXPLOSION PROOF	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			
///	CROSS-HATCHING AND/OR DASHED INDICATES REMOVAL	 2' X 2' RECESSED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE.			
		 WALL MOUNTED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.			
		 WALL MOUNTED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTERNUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.			
		 STRIP FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.			
		 STRIP FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTERNUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.			
		 RECESSED, SURFACE OR PENDANT MOUNTED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR MOUNTING DETAILS AND MOUNTING HEIGHT.			
		 RECESSED, SURFACE OR PENDANT MOUNTED FIXTURE WITH EMERGENCY BATTERY BACKUP AND/OR ON EMERGENCY CIRCUIT. LETTERNUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR MOUNTING DETAILS AND HEIGHT.			
		 WALL MOUNTED FIXTURE. LETTERNUMBER DENOTES FIXTURE TYPE. REFER TO DRAWINGS FOR MOUNTING HEIGHT.			
		 BATTERY POWERED EMERGENCY LIGHT FIXTURE. REFER TO DRAWINGS FOR FIXTURE MOUNTING HEIGHT.			
		 WALL MOUNTED EXIT SIGN. PROVIDE DIRECTIONAL ARROWS AS SHOWN ON DRAWINGS. REFER TO DRAWINGS FOR MOUNTING HEIGHT. (DARKENED PORTION OF FIXTURE INDICATES ILLUMINATED FACES.)			
		 CEILING MOUNTED EXIT SIGN. PROVIDE DIRECTIONAL ARROWS AS SHOWN ON DRAWINGS. (DARKENED PORTION OF FIXTURE INDICATES ILLUMINATED FACES.)			
		 PIGTAIL DENOTES CONNECTION TO EQUIPMENT			
		 JUNCTION BOX - CEILING, FLOOR, AND WALL MOUNTING. WALL MOUNTED DEVICES SHALL BE FLUSH MOUNTED AT 18" AFF UNLESS OTHERWISE NOTED.			
		 TELECOMMUNICATIONS OUTLET BOX.			
		 BRANCH CIRCUIT HOMERUN TO PANEL. NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. NUMBER OF TICK MARKS INDICATES NUMBER OF WIRES (#12AWG, MINIMUM, UNLESS OTHERWISE NOTED). IF NO TICK MARKS ARE SHOWN, ASSUME 3-#12 AWG IN 3/4" CONDUIT.			
		 CONDUIT AND WIRE CONCEALED. NUMBER OF TICK MARKS INDICATES NUMBER OF WIRES (#12AWG MINIMUM, UNLESS OTHERWISE NOTED) IF NO TICK MARKS ARE SHOWN, ASSUME 3-#12 AWG IN 3/4" CONDUIT.			
		 PARTIAL CIRCUIT			
		 CONDUIT RISER UP			
		 CONDUIT RISER DOWN			
		 INDICATES BUSH AND CAP			
		 CONDUIT SEAL FITTING FOR HAZARDOUS AREAS			
		 CONDUIT STUBBED UP 6" AFF AND CAPPED			

PROJECT GENERAL ELECTRICAL NOTES

GENERAL DEMOLITION NOTES:

- ALL OF THE DEVICES SHOWN ON THE DEMOLITION PLANS ARE EXISTING. THE LOCATIONS OF EXISTING EQUIPMENT AND DEVICES WERE OBTAINED FROM PREVIOUS DRAWINGS AND SITE VISITS. THE LOCATIONS OF EXISTING EQUIPMENT AND DEVICES ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. ACCURACY OF THE INFORMATION SHOWN IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO SUBMITTING THE PROJECT BID. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CHANGES WHICH OCCUR AFTER BIDS ARE SUBMITTED WHICH ARE A RESULT OF EXISTING CONDITIONS. SITE VISITS PRIOR TO SUBMISSION OF BIDS MUST BE FULLY COORDINATED WITH THE OWNER.
- THE CONTRACTOR MUST FIELD VERIFY EXISTING CIRCUITING PRIOR TO COMMENCING ANY WORK. ALL BIDS MUST INCORPORATE THIS REQUIREMENT.
- DEVICES SHOWN WITH CROSS HATCHING, DASHED AND/OR SO NOTED SHALL BE REMOVED. ALL OTHER DEVICES SHALL BE RELOCATED. SHALL REMAIN, OR SHALL BE ABANDONED AS SHOWN, OR AS FOLLOWS: DEVICES SHALL BE COMPLETELY REMOVED FROM WALLS THAT ARE ALSO SHOWN TO BE REMOVED. DEVICES SHOWN TO BE REMOVED ON DRYWALL OR PLASTER TYPE WALLS THAT ARE TO REMAIN SHALL HAVE THE WALL SURFACE PATCHED TO MATCH THE EXISTING FINISH. FLUSH TYPE DEVICES SHOWN TO BE REMOVED ON CONCRETE OR BRICK TYPE WALLS THAT ARE TO REMAIN SHALL HAVE THE DEVICES REMOVED AND BOXES PROVIDED WITH BLANK COVER PLATES.
- CONDUITS SHALL BE COMPLETELY REMOVED FROM WALLS THAT ARE ALSO SHOWN TO BE REMOVED. CONCEALED CONDUITS MAY BE ABANDONED IN WALLS THAT ARE TO REMAIN. ALL CONDUITS AND BOXES THAT ARE SURFACE MOUNTED AND NO LONGER REQUIRE ACTIVE CIRCUITS SHALL BE REMOVED.
- THE CONDUCTORS FOR DEVICES SHOWN TO BE REMOVED SHALL BE DISCONNECTED AND REMOVED BACK TO THE PANEL, OR BACK TO THE NEXT DISCONNECT, OR AS REQUIRED BY ACTUAL CIRCUITING. ACTUAL CIRCUITING MUST BE DETERMINED IN THE FIELD. ALL BIDS SHOULD INCORPORATE THIS REQUIREMENT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CHANGES WHICH OCCUR AS A RESULT OF EXISTING CIRCUITING. CONTINUITY OF CIRCUITING SHALL BE MAINTAINED FOR ALL EXISTING CIRCUITS AS REQUIRED. CONTRACTOR SHALL PROVIDE ALL NECESSARY BATTERY, CONDUIT, DEVICES AND CONNECTIONS TO ENSURE CIRCUIT CONTINUITY TO ALL NEW AND EXISTING EQUIPMENT.
- REFER TO ARCHITECTURAL DRAWINGS FOR WALL REMOVAL AND WALL TYPE.
- THE OWNER HAS THE RIGHT TO RETAIN ALL SALVAGEABLE MATERIAL. ANY MATERIAL THE OWNER CHOOSES NOT TO ACCEPT SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR.
- THE OWNER WILL OCCUPY PORTIONS OF THE FACILITY THROUGHOUT CONSTRUCTION. ELECTRICAL SYSTEMS TO OCCUPIED PORTIONS OF THE FACILITY MUST REMAIN IN OPERATION. THE ELECTRICAL CONTRACTOR MUST COORDINATE ALL PHASING REQUIREMENTS WITH THE GENERAL CONTRACTOR AND THE OWNER, AND MUST PROVIDE ALL NECESSARY DEVICES, EQUIPMENT, WIRE, CONDUIT, AND CONNECTIONS TO ENSURE PHASING AND OWNER OCCUPANCY REQUIREMENTS ARE SATISFIED. ALL BIDS SHOULD INCORPORATE THIS REQUIREMENT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ISSUES AND CHANGES WHICH OCCUR AS A RESULT OF PHASING AND OWNER OCCUPANCY REQUIREMENTS.
- FOR MECHANICAL EQUIPMENT INDICATED SHOWN TO BE REMOVED ON EITHER THE MECHANICAL AND/OR THE ELECTRICAL PLANS: DISCONNECT THE EQUIPMENT AND REMOVE ALL CONDUIT, CONDUCTORS AND ASSOCIATED ELECTRICAL SUPPLY EQUIPMENT. REMOVE CONDUIT AND CONDUCTORS BACK TO THE PANEL OR THE NEXT DEVICE SHOWN TO REMAIN OR AS REQUIRED BY ACTUAL CIRCUITING.
- FOR DEVICES THAT ARE TO REMAIN, ALL ASSOCIATED CONDUIT THAT IS ATTACHED TO OR SUPPORTED BY OTHER SYSTEMS OR EQUIPMENT SHOWN TO BE REMOVED ON OTHER DISCIPLINES DRAWINGS IN THIS CONSTRUCTION SET, SHALL BE RE-SUPPORTED OR RE-ROUTED TO ACCOMMODATE THE REMOVAL OF OTHER SYSTEMS.
- CONTRACTOR SHALL TRACE AND INVENTORY ALL CIRCUITS AND LOW VOLTAGE CABLING WITHIN AREA OF DEMOLITION TO ENSURE THAT NO CONDUIT, CONDUCTORS OR LOW VOLTAGE CABLING ARE REMOVED THAT SERVE DEVICES THAT ARE TO REMAIN. ALL EXISTING TO REMAIN CONDUIT, CONDUCTORS, AND LOW VOLTAGE CABLING SHALL BE PROTECTED DURING THE DURATION OF CONSTRUCTION.
- FULLY COORDINATE REMOVAL OF ALL LOW VOLTAGE DEVICES AND ASSOCIATED CABLING WITH OWNERS INFORMATION TECHNOLOGY REPRESENTATIVES.

GENERAL LIGHTING NOTES:

- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED DEVICES.
- COORDINATE THE INSTALLATION OF LIGHTING FIXTURES WITH ALL OTHER TRADES.
- COORDINATE THE INSTALLATION OF ALL RECESSED LIGHTING FIXTURES WITH ACTUAL CEILING TYPES. REFER TO ARCHITECTURAL FINISH SCHEDULES FOR ADDITIONAL DETAILS.
- SUPPORT ALL RECESSED AND PENDANT MOUNTED FIXTURES FROM STRUCTURE IN ACCORDANCE WITH APPLICABLE BUILDING CODE REQUIREMENTS. SUSPENDED CEILING MOUNTING SYSTEMS SHALL NOT BE USED TO SUPPORT FIXTURES OR RACEWAYS.
- ROUTE ALL WIRE AND CONDUIT CONCEALED UNLESS OTHERWISE NOTED. PATCH ALL EXISTING SURFACES AFTER WIRE AND CONDUIT INSTALLATION, AS REQUIRED. REFER TO THE SPECIFICATION FOR CUTTING AND PATCHING REQUIREMENTS. ALL COSTS ASSOCIATED WITH ABOVE REQUIREMENTS MUST BE INCLUDED IN THE PROJECT BID.
- UNLESS OTHERWISE NOTED, ELECTRICAL DEVICES ARE TO BE FLUSH MOUNTED AND ALL WIRE AND CONDUIT IS TO BE ROUTED CONCEALED. FULLY COORDINATE INSTALLATION WITH EXISTING CONDITIONS, AND INCLUDE PATCHING AND REFINISHING OF EXISTING SURFACES TO ACCOMMODATE THIS REQUIREMENT.
- IN ROOMS WHERE NO FIXTURES ARE SHOWN, THE EXISTING LIGHTING LAYOUT AND CIRCUITING TO REMAIN.
- A DEDICATED NEUTRAL CONDUCTOR IS REQUIRED FOR ALL DIMMABLE CIRCUITS.
- BOX AROUND RECESSED LIGHTING FIXTURES AS REQUIRED SO THAT ALL CODE REQUIRED CLEARANCES ARE MAINTAINED. FULLY COORDINATE ALL REQUIREMENTS WITH THE GENERAL CONTRACTOR.
- PROVIDE ENCLOSURES OVER RECESSED LIGHTING FIXTURES INSTALLED IN RATED CEILINGS SO ALL CODE REQUIRED RATINGS ARE MAINTAINED. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES AND RATINGS. FULLY COORDINATE ALL REQUIREMENTS WITH THE GENERAL CONTRACTOR.
- SEAL AROUND ALL CONDUIT AND CABLE PENETRATIONS THROUGH WALLS, CEILINGS, AND FLOORS TO MAINTAIN CODE REQUIRED RATINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO THE LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.

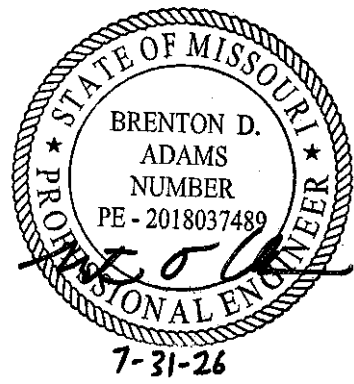
GENERAL POWER NOTES:

- FULLY COORDINATE THE INSTALLATION OF ALL ELECTRICAL DEVICES WITH THE WORK OF OTHER TRADES.
- UNLESS OTHERWISE NOTED, ELECTRICAL DEVICES ARE TO BE FLUSH MOUNTED AND ALL WIRE AND CONDUIT IS TO BE ROUTED CONCEALED. FULLY COORDINATE INSTALLATION WITH EXISTING CONDITIONS, AND INCLUDE PATCHING AND REFINISHING OF EXISTING SURFACES TO ACCOMMODATE THIS REQUIREMENT.
- FULLY COORDINATE THE LOCATION OF ALL HVAC EQUIPMENT WITH THE MECHANICAL AND CONTROLS CONTRACTORS. PROVIDE ALL DEVICES (I.E. STARTERS, SWITCHES, CONTACTS, ETC.) REQUIRED TO ENSURE SATISFACTORY OPERATION OF ALL SYSTEMS AND EQUIPMENT. (CONTROL WIRING TO BE PROVIDED BY MECHANICAL CONTRACTOR.) COORDINATE DEVICE REQUIREMENTS WITH ACTUAL EQUIPMENT.
- FOR ALL HVAC CONTROL DEVICES PROVIDED BY THE ELECTRICAL CONTRACTOR, PROVIDE ALL NECESSARY AUXILIARY COMPONENTS AND CONTACTS TO ENSURE PROPER SYSTEM CONTROL FUNCTIONS. FULLY COORDINATE ALL REQUIREMENTS WITH THE MECHANICAL AND CONTROLS CONTRACTORS.
- SEAL AROUND ALL CONDUIT AND CABLE PENETRATIONS THROUGH WALLS, CEILINGS AND FLOORS TO MAINTAIN CODE REQUIRED RATINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- UNLESS OTHERWISE INDICATED PROVIDE DEDICATED NEUTRAL CONDUCTORS FOR ALL BRANCH CIRCUITS. NEUTRAL CONDUCTORS SHALL NOT BE SHARED BETWEEN CIRCUITS. WHERE THE DRAWINGS INDICATE SHARED NEUTRAL CONDUCTORS FOR A MULTI-WIRE BRANCH CIRCUIT, GROUP BREAKERS TOGETHER IN ACCORDANCE WITH CODE.

GENERAL FIRE ALARM SYSTEM NOTES:

- PROVIDE NEW DEVICES (WHICH ARE FULLY COMPATIBLE WITH THE EXISTING BUILDING FIRE ALARM SYSTEM, (EQI FIRE ALARM CONTROL PANEL), WHERE INDICATED AND CONNECT TO THE EXISTING BUILDING FIRE ALARM SYSTEM. REFER TO THE POWER & AUXILIARY SYSTEMS PLAN FOR DEVICE LOCATIONS AND ADDITIONAL INFORMATION. CONTRACTOR SHALL PROVIDE ALL NECESSARY DEVICES, NEW EQUIPMENT, CONDUIT, WIRE, PROGRAMMING, AND CONNECTIONS TO ENSURE A COMPLETE, CODE COMPLIANT FIRE ALARM INSTALLATION.
- INSTALL ALL FIRE ALARM SYSTEM WORK IN CONDUIT.
- PROVIDE ALL NECESSARY DUCT SMOKE DETECTORS AS REQUIRED, PROVIDE ALL NECESSARY CONNECTIONS AND POWER SUPPLY CIRCUITS (FED FROM THE NEAREST PANELBOARD OF APPROPRIATE VOLTAGE AND SOURCE) TO SMOKE DAMPERS AND SMOKE/FIRE DAMPERS SO THAT UPON FIRE ALARM CONDITIONS OR DUCT SMOKE DETECTOR ACTIVATION, THE DAMPERS CLOSE. COORDINATE DAMPER AND CONTROL LOCATIONS WITH THE MECHANICAL AND CONTROLS CONTRACTORS. REFER TO THE MECHANICAL DRAWINGS.
- SEAL AROUND ALL CONDUIT AND CABLE PENETRATIONS THROUGH FIRE AND/OR SMOKE RATED WALLS, CEILINGS, AND FLOORS TO ENSURE THAT CODE REQUIRED RATINGS ARE MAINTAINED.
- ALL FIRE ALARM DEVICES ARE TO MATCH AS CLOSELY AS POSSIBLE TO EXISTING BUILDING STANDARD DEVICES. NEW DEVICES SHALL BE FULLY COMPATIBLE WITH EXISTING FIRE ALARM PANEL & EXISTING FIRE ALARM DEVICES IN ORDER TO PROVIDE FULL, CODE COMPLIANT FIRE ALARM SYSTEM INITIATION AND NOTIFICATION.
- ALL FIRE ALARM WIRING SHALL BE INSTALLED, TESTED AND CERTIFIED PER NFPA 72 AND NFPA 70, ARTICLE 760.
- FIRE ALARM SHOP DRAWINGS SHALL INCLUDE ALL CALCULATIONS, WIRING DIAGRAMS, FIRE ALARM CIRCUITING, UPDATED FLOOR PLANS SHOWING DEVICE TYPE AND LOCATIONS, SYSTEM/DEVICE OUTSHEETS, AND ALL OTHER NECESSARY DETAILS IN ORDER TO VERIFY A CODE COMPLIANT DESIGN AND INSTALLATION IS PROVIDED BY THE FIRE ALARM CONTRACTOR. THIS SHALL INCLUDE STAMPED APPROVAL BY THE AUTHORITY HAVING JURISDICTION. SUBMIT ALL NECESSARY INFORMATION AND DRAWINGS TO THE AHJ AS REQUIRED.
- PROVIDE AS-BUILT DRAWINGS WITH UPDATED CONDITIONS BASED ON ACTUAL INSTALLATION CONDITION. SUBMIT PDF AND AUTOCAD FILES FOR AS-BUILT DRAWINGS.
- PROTECT ALL EXISTING SMOKE DETECTORS IN AND AROUND AREA OF RENOVATION FROM CONSTRUCTION DUST/DEBRIS.

STATE OF MISSOURI
MIKE KEHOE,
GOVERNOR



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AND CONSTRUCTION

DEPARTMENT OF
PUBLIC SAFETY

MISSOURI ARMY
NATIONAL GUARD

Chillicothe Readiness Center -
US Roof Replacement &
Latrine Renovation

1500 Washington St.
Chillicothe, MO 64601

PROJECT #: T2519-01

SITE #: 6252

ASSET #: 8136252002

REVISION: _____

DATE: _____

REVISION: _____

DATE: _____

REVISION: _____

DATE: _____

ISSUE DATE: 07/31/2026

DRAWN BY: _____

CHECKED BY: _____

DESIGNED BY: _____

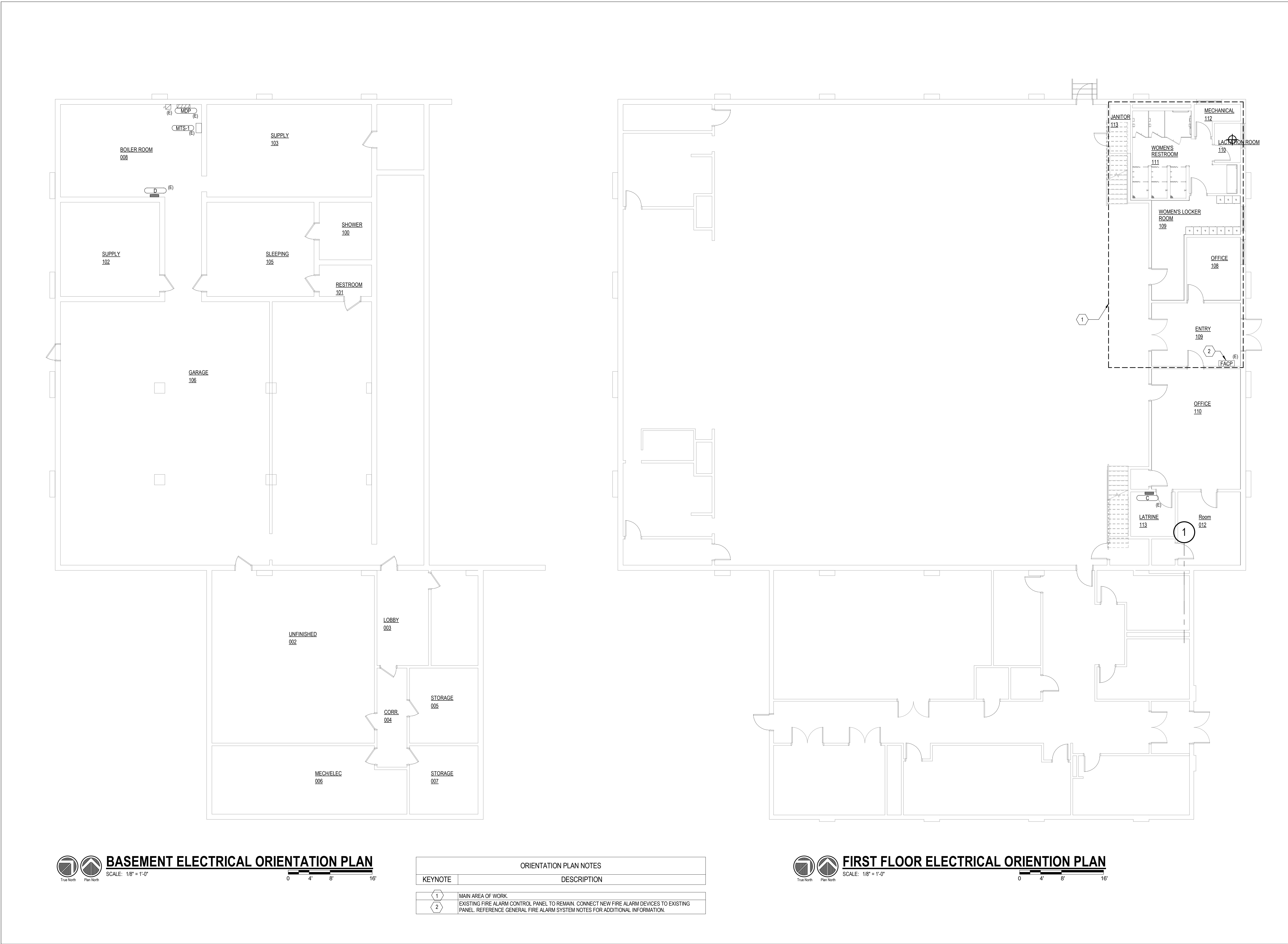
SHEET TITLE:

Electrical Abbreviations,
Symbols Legend &
General Notes

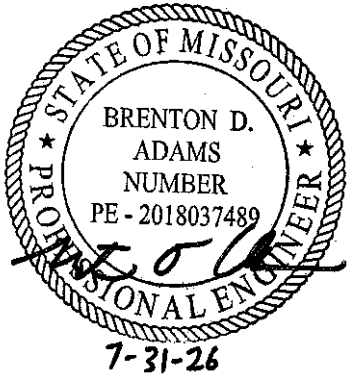
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E-000

31 OF 35 SHEETS
07/31/2026



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Chillicothe Readiness Center -
USB Roof Replacement &
Latrine Renovation

1500 Washington St.
Chillicothe, MO 64601

PROJECT #: T2519-01

SITE #: 6252
ASSET #: 8136252002

REVISION: _____
DATE: _____
REVISION: _____
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DATE: _____
ISSUE DATE: 07/31/2026

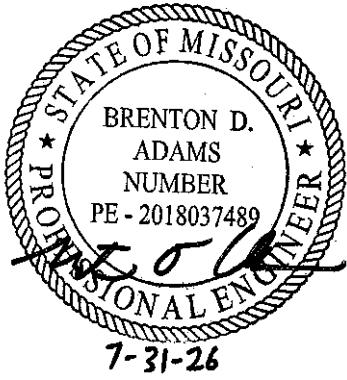
DRAWN BY: BRS
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SHEET TITLE:
Electrical Orientation
Plans

SHEET NUMBER:

E-001

32 OF 35 SHEETS
07/31/2026



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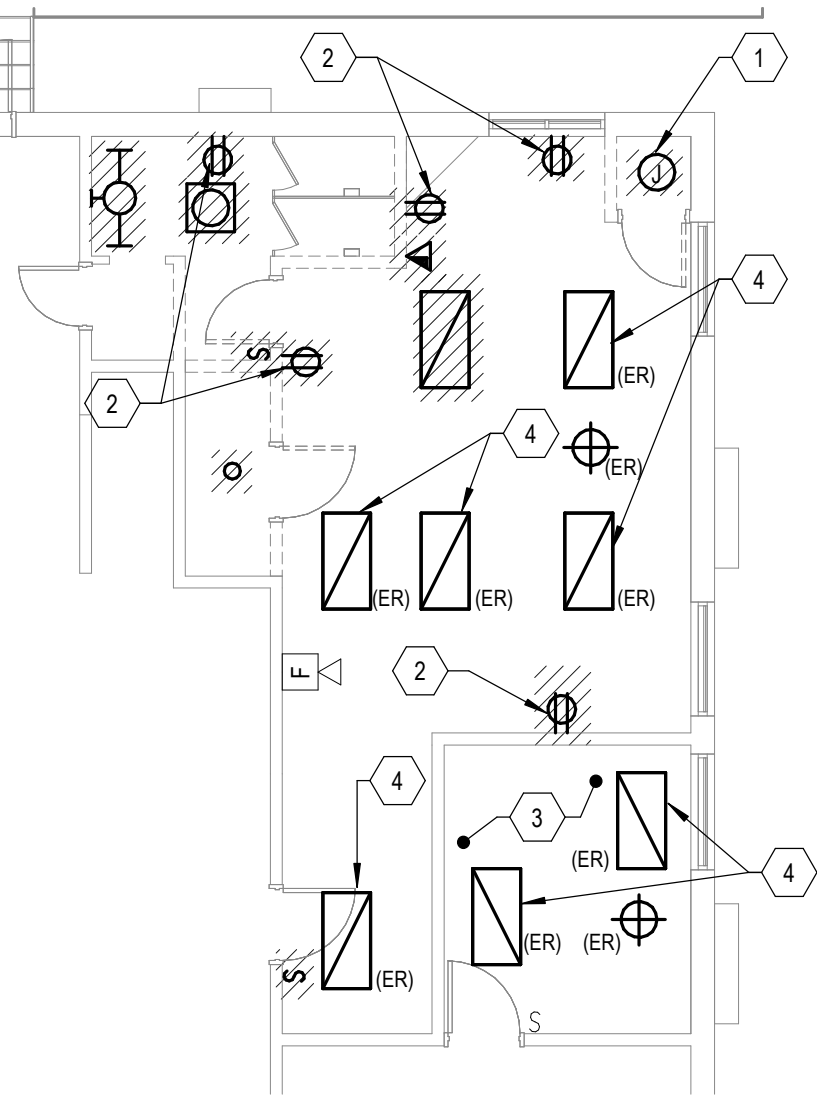
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SHEET TITLE:
Electrical Plans

SHEET NUMBER:

E-101

33 OF 35 SHEETS
07/31/2026



FIRST FLOOR ELECTRICAL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

DEMOLITION PLAN NOTES	
KEYNOTE	DESCRIPTION
1	REMOVE ELECTRICAL CONNECTION TO EXISTING FURNACE TO BE DEMOLISHED.
2	REMOVE ELECTRICAL CONNECTION TO EXISTING RECEPTACLE TO BE DEMOLISHED. SALVAGE EXISTING CIRCUITRY AND PREPARE IT FOR REUSE.
3	ALL POWER AND TELECOMMUNICATION DEVICES IN OFFICE 108 ARE EXISTING TO REMAIN.
4	REMOVE, PROTECT, AND PREPARE EXISTING LIGHT FIXTURE FOR INSTALLATION IN NEW LOCATION. SEE LIGHTING PLAN FOR ADDITIONAL INFORMATION.

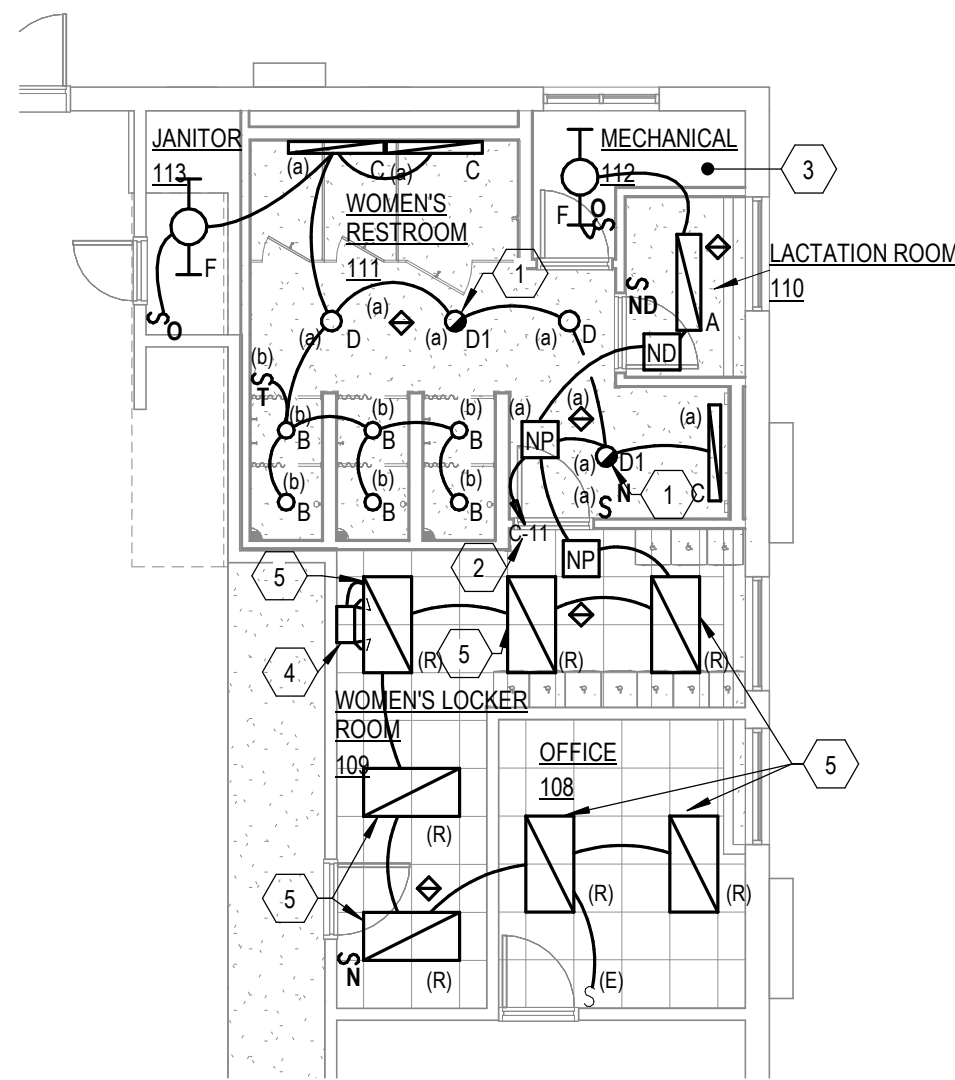
nLIGHT LIGHTING CONTROL DEVICE SCHEDULE

S _N	ON/OFF PUSHBUTTON, nLIGHT CATALOG NUMBER: NP00M
S _{ND}	ON/OFF PUSHBUTTON W/ RAISE/LOWER OPTION, nLIGHT CATALOG NUMBER: NP00M DX

nLIGHT CONTROL DEVICE GENERAL NOTES:

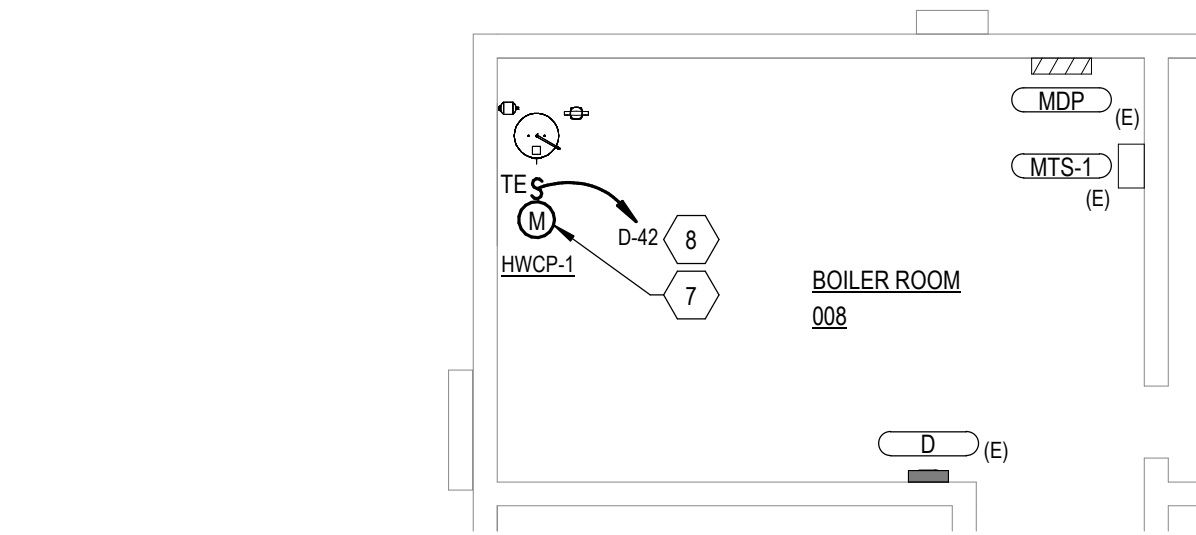
1. LIGHT CONTROLS ARE THE BASIS OF DESIGN. WATTSTOPPER DLM AND HUBBEL NX MAY BE APPROVED PRIOR TO BID IF THEY MEET ALL SPECIFICATION REQUIREMENTS. SEE THE SPECIFICATION FOR ADDITIONAL INFORMATION.
2. WHERE nLIGHT POWER PACKS/RELAY ARE INDICATED IN AREAS WITH HARD CEILINGS, POWER PACKS/RELAYS SHALL BE LOCATED IN THE NEAREST ACCESSIBLE CEILING SPACE OR NEAR ACCESS PANELS.
3. ANY OCCUPANCY/VACANCY SENSOR IN A ZONE SHALL CONTROL THE FIXTURES IN THAT ZONE.
4. ALL OCCUPANCY/VACANCY SENSORS SHALL BE LOCATED AT THE MANUFACTURER'S RECOMMENDED DISTANCE FROM ALL MECHANICAL AIR DISTRIBUTION DIFFUSERS/GRILLS. SENSORS ARE REQUIRED TO PROVIDE ADEQUATE COVERAGE WITHIN THAT SPACE PER THE MANUFACTURER'S RECOMMENDATIONS.
5. LOW VOLTAGE WALL SWITCHES SHALL BE GRAY IN COLOR.
6. IN SPACES WITHOUT CEILINGS, CONTRACTOR SHALL COORDINATE MOUNTING HEIGHT OF OCCUPANCY SENSORS WITH ARCHITECT AND ENGINEER PRIOR TO INSTALLATION. IN GENERAL, SENSORS SHOULD BE MOUNTED AT AN ELEVATION EVEN WITH THE BOTTOM OF OTHER ADJACENT SYSTEMS IN ORDER TO PROVIDE CLEAR LINE OF SIGHT FOR SENSOR COVERAGE.
7. SENSOR DELAY SHALL NOT EXCEED 20 MINUTES.
8. CONTRACTOR TO PROVIDE AND INSTALL ALL LIGHTING CONTROL LOW VOLTAGE CABLING BETWEEN LIGHTING CONTROL SYSTEM DEVICES. CONTRACTORS SHALL OBTAIN ALL NECESSARY WIRING DIAGRAMS FROM MANUFACTURER PRIOR TO INSTALLATION.
9. SUBSCRIPT LOWERCASE LETTER () AT LIGHTING FIXTURE/DEVICE INDICATES SWITCH GROUP.

TICK MARKS HAVE INTENTIONALLY NOT BEEN INCLUDED ON THE LIGHTING PLANS. THIS OMISSION IS TO MAINTAIN CLARITY AND READABILITY, ENSURING THAT THE FOCUS REMAINS ON THE ACCURATE PLACEMENT AND SPECIFICATION OF LIGHTING FIXTURES. CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROPER NUMBER OF SWITCHED HOT CONDUCTORS, UNSWITCHED HOT CONDUCTORS, NEUTRAL CONDUCTORS, AND GROUND CONDUCTORS TO EACH DEVICE TO ENSURE PROPER FUNCTION. ALL FIXTURE TYPES, QUANTITIES, AND LOCATIONS ARE INDICATED WITHIN THE PLAN. WHERE DIMMING IS INDICATED, CONTRACTOR SHALL PROVIDE NECESSARY 0-10 VOLT DIMMING CONDUCTORS COLORED PER CODE.

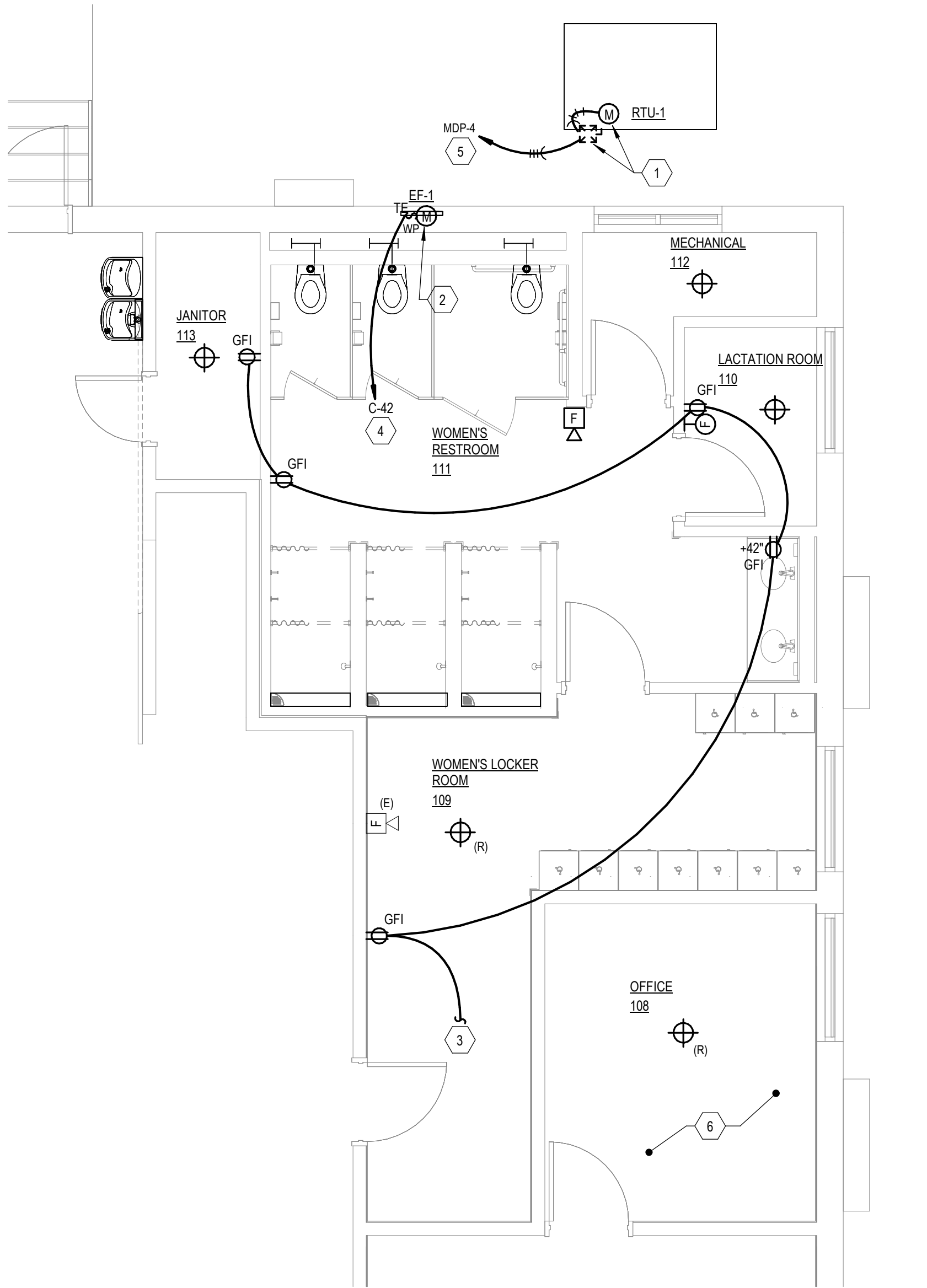


FIRST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

FIRST FLOOR LIGHTING PLAN NOTES	
KEYNOTE	DESCRIPTION
1	CIRCUIT FIXTURE TO AN 'UNSWITCHED HOT' CONDUCTOR OF CIRCUIT INDICATED. NON-EXIT SIGN FIXTURES SHALL BE CAPABLE OF BEING SWITCHED ALONG WITH ALL OTHER AREA LIGHTING. IN A POWER LOSS SITUATION, NOT A SWITCH EVENT, THE FIXTURE SHALL BE ILLUMINATED VIA INTEGRAL BATTERY.
2	CONNECT TO EXISTING 20A/1P 'SPARE' CIRCUIT BREAKER IN PANELBOARD INDICATED. VERIFY EXISTING BREAKER HAS NO EXISTING LOAD THAT IS TO REMAIN. IF BREAKER HAS EXISTING LOAD TO REMAIN USE ANOTHER 'SPARE' BREAKER OF SAME AMPERAGE AND VOLTAGE IN PANELBOARD.
3	COORDINATE FINAL LOCATION OF ALL LIGHTING IN THIS AREA WITH THE MECHANICAL CONTRACTOR. LOCATE SO AS TO PROVIDE EVEN ILLUMINATION OF ALL ACCESSIBLE AREAS.
4	CIRCUIT FIXTURE TO 'UNSWITCHED HOT' OF CIRCUIT INDICATED.
5	REINSTALL EXISTING FIXTURE IN NEW LOCATION AND CONNECT CIRCUITRY AS SHOWN. CLEAN AND RELAMP FIXTURE AS REQUIRED TO ENSURE PROPER 'LIKE NEW' WORKING CONDITION.



BASEMENT POWER & AUXILIARY SYSTEMS PLAN
SCALE: 1/8" = 1'-0"



FIRST FLOOR POWER & AUXILIARY SYSTEMS PLAN
SCALE: 1/4" = 1'-0"

POWER & AUXILIARY PLAN NOTES	
KEYNOTE	DESCRIPTION
1	PROVIDE 208V/3PH CONNECTION TO OUTDOOR RTU UNIT. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS.
2	PROVIDE 120V ELECTRICAL CONNECTION TO NEW EXHAUST FAN. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS.
3	CONNECT TO EXISTING RECEPTACLE CIRCUIT SALVAGED DURING DEMOLITION.
4	PROVIDE NEW 20A/1P CIRCUIT BREAKER IN PANELBOARD INDICATED. ANY NEW CIRCUIT BREAKER SHALL BE FULLY COMPATIBLE WITH EXISTING PANELBOARD AND SHALL MAINTAIN THE PANELBOARD'S UL LISTING AND INTERRUPT RATING.
5	PROVIDE NEW 45A/3P CIRCUIT BREAKER IN DISTRIBUTION PANEL INDICATED TO SERVE NEW RTU. ANY NEW CIRCUIT BREAKER SHALL BE FULLY COMPATIBLE WITH EXISTING DISTRIBUTION PANEL AND SHALL MAINTAIN THE DISTRIBUTION PANEL'S UL LISTING AND INTERRUPT RATING. ROUTE (3) #6'S AND (1) #10G IN 1 INCH CONDUIT THROUGHOUT ENTIRE CIRCUIT.
6	ALL POWER AND TELECOMMUNICATION DEVICES IN OFFICE 108 ARE EXISTING TO REMAIN.
7	PROVIDE 120V ELECTRICAL CONNECTION TO NEW RECIRCULATION PUMP. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS.
8	CONNECT TO EXISTING 20A/1P 'SPARE' CIRCUIT BREAKER IN PANELBOARD INDICATED. VERIFY EXISTING BREAKER HAS NO EXISTING LOAD THAT IS TO REMAIN. IF BREAKER HAS EXISTING LOAD TO REMAIN USE ANOTHER 'SPARE' BREAKER OF SAME AMPERAGE AND VOLTAGE IN PANELBOARD.



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USB Roof Replacement &
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1500 Washington St.
Chillicothe, MO 64601

PROJECT #: T2519-01

SITE #: 6252
ASSET #: 8136252002

REVISION: _____
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ISSUE DATE: 07/31/2026

DRAWN BY: BRS
CHECKED BY: BA
DESIGNED BY: BRS

SHEET TITLE:
Electrical Schedules

SHEET NUMBER:

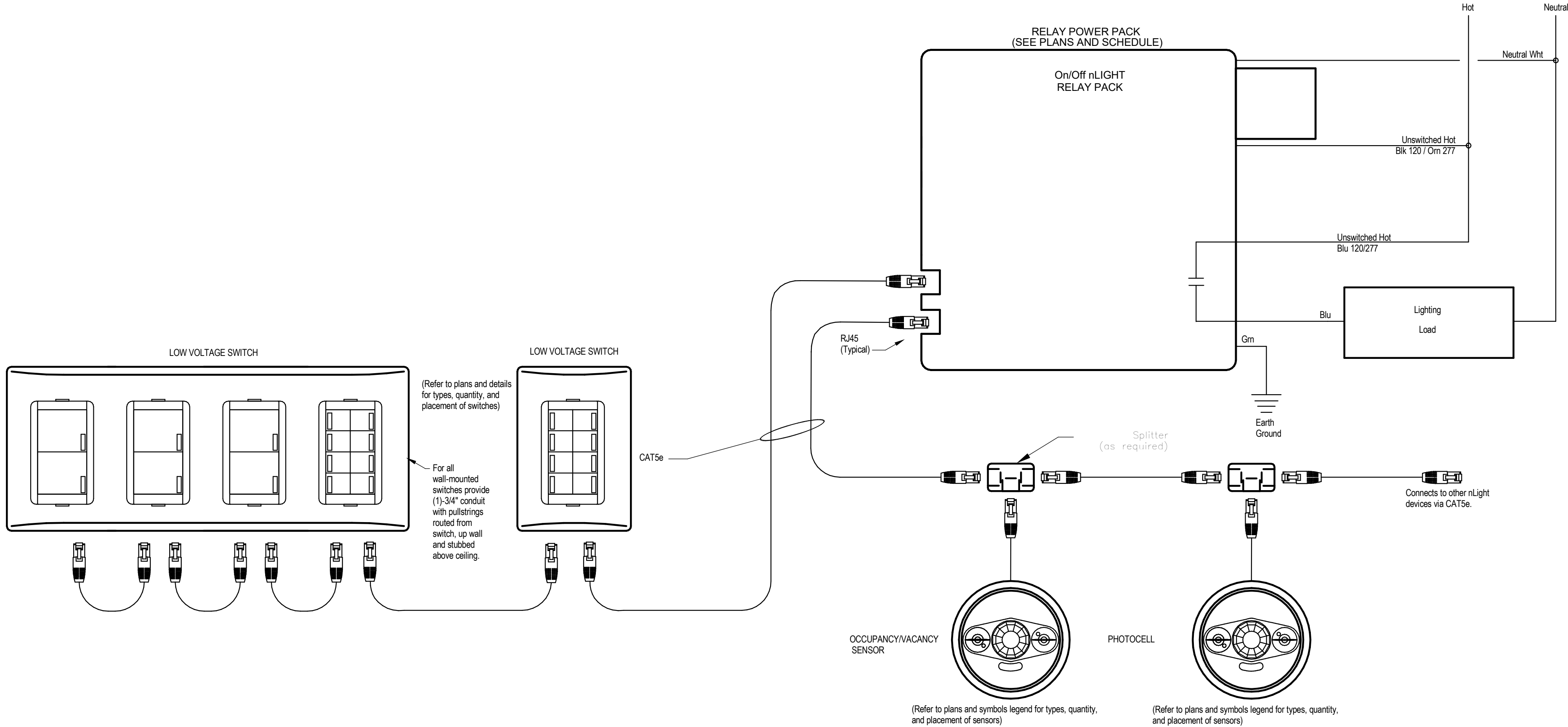
E-201

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07/31/2026

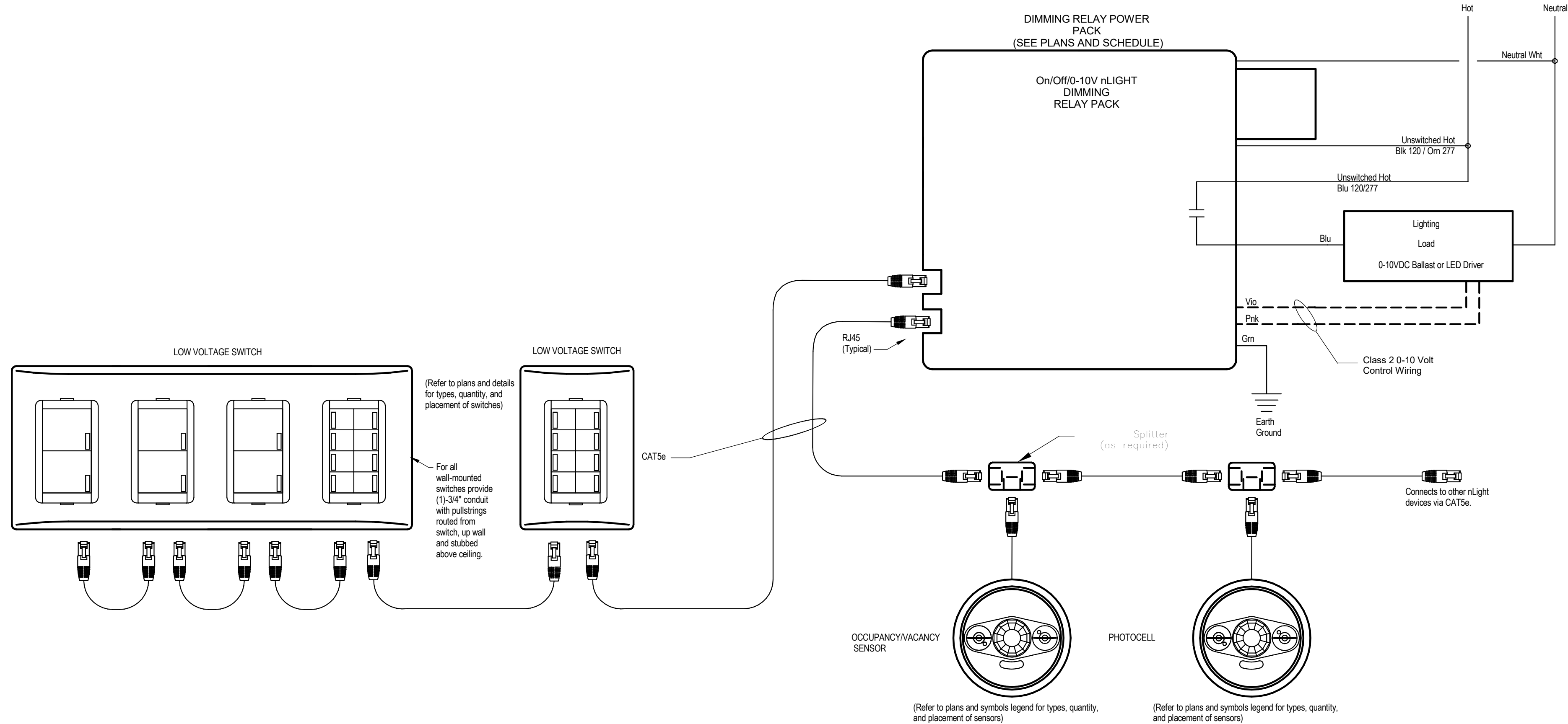
LIGHTING FIXTURE SCHEDULE										
Fixture Type	Manufacturers	Catalog Numbers	Description	No. of Lamps	Lamp Type	Volt	VA	Mounting	Remarks	
A	HE WILLIAMS	AT1-1 4-L30-80-_-D-UNV	1' X 4' LED TROFFER	NA	LED	UNV	30	RECESSED	PROVIDE ALL NECESSARY COMPONENTS FOR FIXTURE MOUNTING. COORDINATE MOUNTING WITH ALL OTHER TRADES IN THE SPACE. FIXTURE IS TO BE MOUNTED IN A NEAT AND TIDY FASHION. INSTALL PROVIDE FIXTURE WITH 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM. CONTRACTOR TO VERIFY AND MATCH COLOR TEMPERATURE OF EXISTING FIXTURES IN AREA. SEE THE LIGHTING PLANS FOR ADDITIONAL INFORMATION.	
	LITHONIA	ALL4-30L-MVOLT-EZ1-LP_-								
	AXIS	DIALED-14-3000-80-_-VL-W-UNV-DP-1 'XX'								
B	GOTHAM	EVD4SH-_/10-DFR-SOL-MVOLT-EZ10	4" LED SHOWER DOWNLIGHT	NA	LED	UNV	13	RECESSED	COORDINATE TRIM KIT WITH THE CEILING INSTALLATION APPLICATION. PROVIDE FIXTURE WITH UL LISTED WET RATING LABEL AND DEAD FRONT TRIMLENS. CONTRACTOR TO VERIFY AND MATCH COLOR TEMPERATURE OF EXISTING FIXTURES IN AREA.	
	PRESCOLITE	LF4SL-4LFSL-11L-_-IP65								
	EDISON PRICE	STM-XTM-4DL-L10S-DMV-277-_-COL								
C	FOCAL POINT	FSM4L-FL-62SLF-_-1C-UNV-LD1-_-_-WH-_-	4" LED LINEAR RECESSED	NA	LED	UNV	20	RECESSED	PROVIDE FIXTURE IN CONTINUOUS RUNS. COORDINATE TRIM KIT WITH THE CEILING INSTALLATION APPLICATION. REFER TO THE LIGHTING PLAN FOR RUN LENGTHS AND ADDITIONAL INFORMATION. CONTRACTOR TO VERIFY AND MATCH COLOR TEMPERATURE OF EXISTING FIXTURES IN AREA.	
	HE WILLIAMS	LRX4-G-_-L8-8-_-DMA-DIM-UNV								
	AXIS	BBRLED-400-80-XX-FL-_-W-UNV-DP-1								
D	LITHONIA	LDN4-XX/10-L06-AR-LSS-MVOLT	LED 4" DOWNLIGHT	NA	LED	UNV	11	RECESSED	COORDINATE TRIM KIT WITH THE CEILING INSTALLATION APPLICATION REFER TO THE REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION. PROVIDE D1 FIXTURE WITH INTEGRAL BATTERY BACKUP.	
	GOTHAM	EV04-XX/10-AR-MD-LSS-MVOLT-GZ10								
	PRESCOLITE	LFR-4RD-H-SL-10L-DM1-SL-XX-8-MD-SS-WT								
EM	HE WILLIAMS	4DR-TL-L10-80-XX-DIM1-UNV-Q-W-OF-CS-N-F1	THERMOPLASTIC EMERGENCY LIGHT	NA	LED	UNV	2	WALL	UNLESS OTHERWISE NOTED, WALL MOUNT FIXTURE AT 7'-6". PROVIDE SELF DIAGNOSTICS AND INTEGRAL BATTERY PACK.	
	LITHONIA	CU2SQ								
	SURE-LITES	AP2SQLED								
F	MULE LIGHTING	SQ-80-LED-W-SD	4" LED INDUSTRIAL	NA	LED	UNV	23	PENDANT	ACQUIRE NECESSARY COMPONENTS FOR PENDANT MOUNTING OF FIXTURE. MOUNT SO THAT THE BOTTOM OF FIXTURE IS 10'-0" AFF. REFER TO LIGHTING PLAN FOR ADDITIONAL INFORMATION.	
	HE WILLIAMS	MPS-4-XX-MW-CW-ED-U								
	LITHONIA	75R-4-L30-8-XX-(2)VBY-2/PWU-DIM-UNV ZL1D-L48-3000LM-FST-MVOLT-XXX-80-WH								

PANELBOARD: C															
Location: LATRINE 113					Volts: 120/208 Wye					A.I.C. Rating: EXISTING					
Supply From:					Phases: 3					Mains Rating: 200 A					
Mounting: SURFACE					Wires: 4					MCB Rating: Main Lug Only (MLO)					
Enclosure:															
C	A	P	LOAD CLASS	LOAD NAME	PHASE A LOAD (VA)		PHASE B LOAD (VA)		PHASE C LOAD (VA)		LOAD NAME	LOAD CLASS	P	A	C
1	20	1	--	EXISTING	0	0					EXISTING	--	1	20	2
3	20	1	--	EXISTING			0	0			EXISTING	--	1	20	4
5	40	2	--	EXISTING					0	0	EXISTING	--	1	20	6
7	--	--	--	--	0	0					EXISTING	--	2	40	8
9	20	1	--	EXISTING			0	0			--	--	--	--	10
11	20	1	Power; LTG	WOMEN, LOCKERS LTG					886	0	EXISTING	--	1	20	12
13	20	1	--	SPARE	0	0					EXISTING	--	1	20	14
15	20	1	--	EXISTING			0	0			EXISTING	--	1	20	16
17	20	1	--	SPARE					0	0	EXISTING	--	1	20	18
19	20	1	--	EXISTING	0	0					EXISTING	--	1	20	20
21	20	1	--	EXISTING			0	0			EXISTING	--	1	20	22
23	20	1	--	EXISTING					0	0	EXISTING	--	1	20	24
25	20	1	--	EXISTING	0	0					EXISTING	--	1	20	26
27	20	1	--	SPARE			0	0			SPARE	--	1	20	28
29	20	1	--	SPARE					0	0	SPARE	--	1	20	30
31	20	1	--	SPARE	0	0					SPARE	--	1	20	32
33	20	1	--	SPARE			0	0			SPARE	--	1	20	34
35	20	1	--	SPARE					0	0	SPARE	--	1	20	36
37	20	1	--	SPARE	0	0					SPARE	--	1	20	38
39	20	1	--	SPARE			0	0			SPARE	--	1	20	40
41	20	1	--	SPARE					0	500	EF-1	MECH	1	20	42
Total Load:					0 VA		0 VA		1385 VA						
Total Amps:					0 A		0 A		12 A						
LOAD CLASSIFICATION		CONNECTED LOAD		DEMAND FACTOR	ESTIMATED DEMAND		125% OF ESTIMATED...								
RECEPTACLE				First 10kVA @ 100% Remainder @ 50%			0 VA			PANEL TOTALS					
LIGHTING		886 VA		100%	886 VA		1107 VA			PANEL ESTIMATED DEMAND (VA): 1607 VA					
MECHANICAL		500 VA		100%	500 VA					PANEL ESTIMATED DEMAND (AMPERES): 4 A					
SPARE				50%											

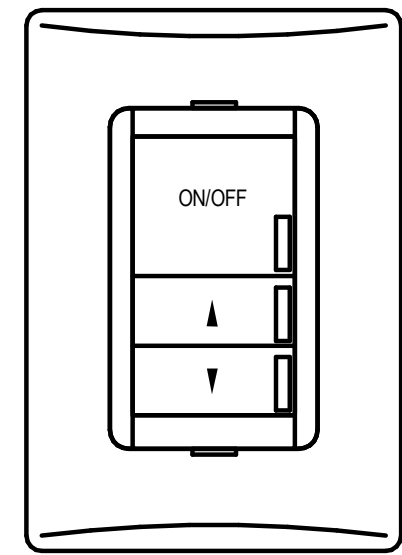
PANELBOARD DEMAND LOADS ARE SHOWN FOR NEW LOADS ONLY. NEW LOADS ARE SHOWN IN CAPITAL LETTERS AND BOLD. AMPERAGE OF EXISTING LOADS ARE UNKNOWN.



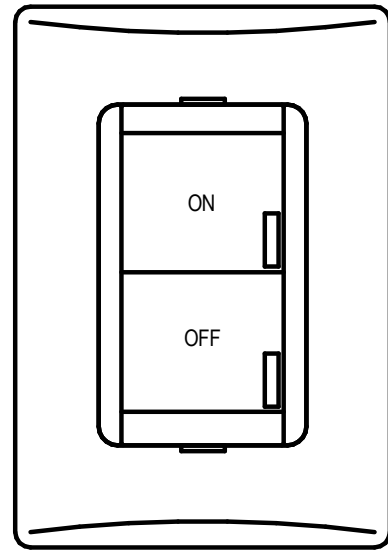
1 ON/OFF RELAY/LOAD LIGHTING CONTROL SYSTEM WIRING DIAGRAM
NO SCALE



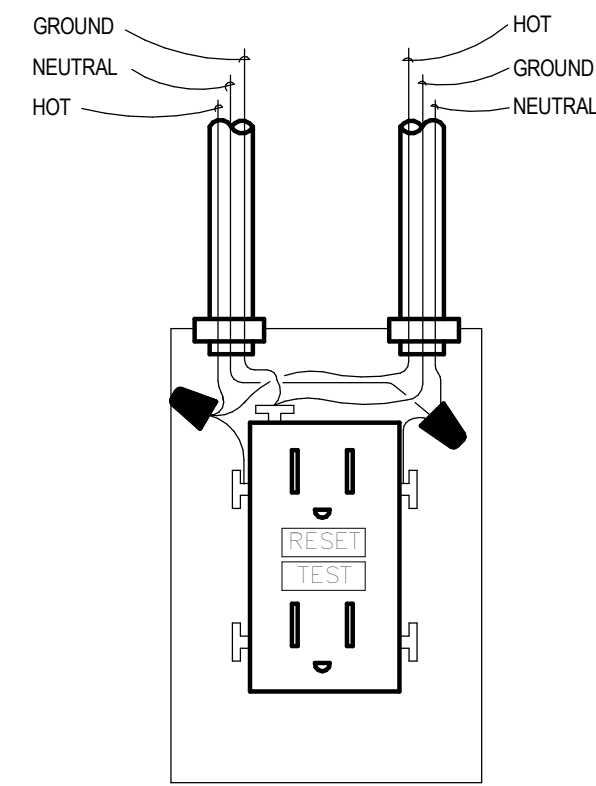
5 DIMMING/ON/OFF RELAY/LOAD LIGHTING CONTROL SYSTEM WIRING DIAGRAM
NO SCALE



2 LOW VOLTAGE LIGHT SWITCH 'ND' DETAIL
NO SCALE



3 LOW VOLTAGE LIGHT SWITCH 'N' DETAIL
NO SCALE

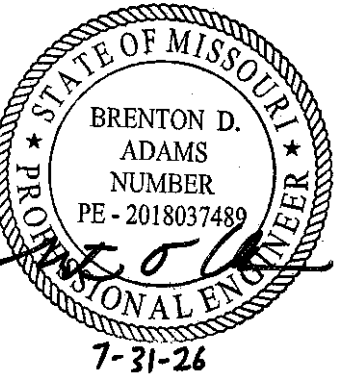


4 GFI RECEPTACLE WIRING DIAGRAM
NO SCALE

GFI RECEPTACLE WIRING DIAGRAM DETAIL NOTES:

- WIRE GFI DEVICE SUCH THAT THE DOWNSTREAM DEVICES ARE NOT AFFECTED BY GROUND FAULT INTERRUPTION. IE. NON FEED THRU. EACH GFI DEVICE SHALL BE SELF PROTECTING ONLY.

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