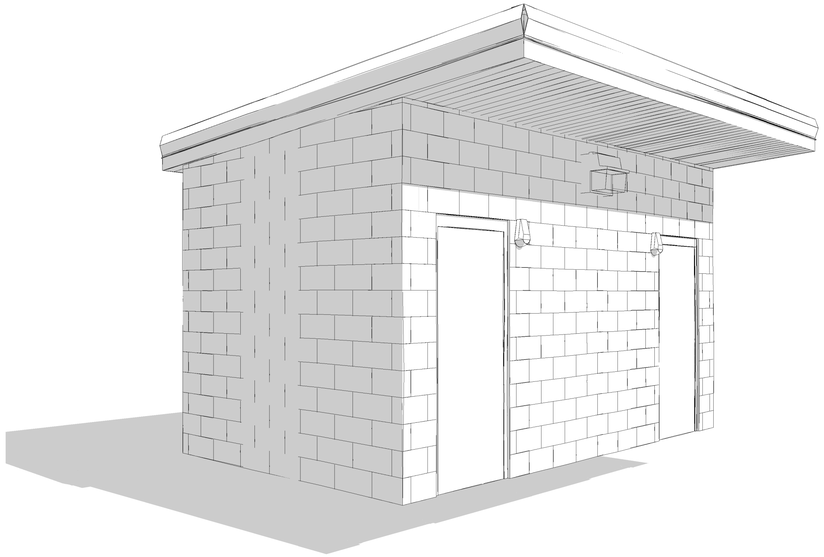


RESTROOM FACILITY

SAU TECH
CAMDEN, ARKANSAS

PROJECT INFORMATION

DRAWINGS AND PROJECT MANUAL APPROVED AND IDENTIFIED AS PARTS OF THE OFFICIAL CONTRACT DOCUMENT

OWNER: SAU TECH
FACILITY: RESTROOM FACILITY
LOCATION: CAMDEN, ARKANSAS

BY:
DATE:

ARCHITECT: LEWIS, ELLIOTT, McMORRAN, VADEN, RAGSDALE, & WOODWARD INCORPORATED
ADDRESS: 11225 HURON LANE, SUITE 104 LITTLE ROCK, ARKANSAS 72211
BY:
DATE:

PROJECT NUMBER: 24093
DRAWINGS AND PROJECT MANUAL DATED: 2025 03-17

DESIGN DATA

GENERAL CODES:

INTERNATIONAL BUILDING CODE (IBC)	2021 EDITION
ARKANSAS FIRE PREVENTION CODE (AFPC)	2021 EDITION

SEISMIC:

SEISMIC RISK CATEGORY II	2021 IBC
SEISMIC DESIGN CATEGORY B	
CALHOUN COUNTY	AFPC REVISIONS

ACCESSIBILITY STANDARDS

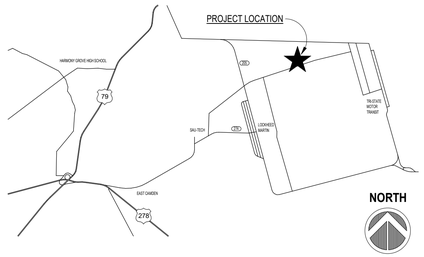
ADA STANDARDS FOR ACCESSIBLE DESIGN	2017 EDITION

TOTAL BUILDING SQUARE FOOTAGE:

175 SQ. FT.

VICINITY MAP

14668 HIGHWAY 203, CAMDEN AR 71701



INDEX OF DRAWINGS

MATERIAL LEGEND

- CMU (PLAN)
- MASONRY (PLAN)
- METAL STUD FRAMING (PLAN)
- GYPSUM PANELS
- WOOD BLOCKING CONTINUOUS (SECTION)
- WOOD BLOCKING AS NEEDED (SECTION)
- WOOD FINISHED FACE OR SOLID WOOD
- WOOD PLYWOOD (SECTION)
- CONCRETE (SECTION)
- RIGID INSULATION (SECTION)
- BATT INSULATION (SECTION)
- FILL MATERIAL (SECTION)
- REPLACED SOIL (SECTION)

SYMBOL LEGEND

- 100.1 — DOOR MARK, SEE DOOR SCHEDULE
- A — CASEWORK ELEVATION MARK
- B — WINDOW / STOREFRONT FRAME MARK
- CLASSROOM — ROOM NAME
- 101 — ROOM NUMBER
- LAY-1 | 9'-4" — ROOM CEILING HEIGHT; CEILING FINISH
- 3 / A4.4 — DETAIL / SECTION NUMBER; SHEET NUMBER

ABBREVIATIONS

AFF	ABOVE FINISH FLOOR
AT	ALUMINUM THRESHOLD
CEJC	CEILING EXPANSION JOINT COVER
CJ	CONTROL JOINT
CLG	CEILING
CONC	CONCRETE
CONT	CONTINUOUS
DTL	DETAIL
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
FEJ	FLOOR EXPANSION JOINT
FLR	FLOOR
GB	GRAB BAR
MECH	MECHANICAL
NHO	NORMALLY HELD OPEN
NTS	NOT TO SCALE
OPG	OPENING
REQ	REQUIRED
SHT	SHEET
SIM	SIMILAR
STO	STORAGE
TYP	TYPICAL
WEJC	WALL EXPANSION JOINT COVER

CERTIFICATION STATEMENT:

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE "ARKANSAS FIRE PREVENTION CODE" FOR THE STATE OF ARKANSAS.

LEWIS, ELLIOTT, MCMORRAN, VADEN, RAGSDALE, & WOODWARD, INCORPORATED

3/14/25

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501 223 9302 • WWW.LEMVRW.COM

RESTROOM FACILITY
SAU TECH
CAMDEN, ARKANSAS

REGISTERED ARCHITECTS
LEWIS, ELLIOTT, McMORRAN, VADEN, RAGSDALE, & WOODWARD, INCORPORATED
ARKANSAS

DATE: 2025 03-17
PROJECT NO: 24093
DRAWN BY: AP
REV:

T1.1

TOILET ACCESSORY SCHEDULE

MARK	DESCRIPTION	MOUNTING HEIGHT
GB-36	GRAB BAR - 36"	34" A.F.F. to CENTERLINE
GB-42	GRAB BAR - 42"	34" A.F.F. to CENTERLINE
GB-18	VERTICAL GRAB BAR - 18"	40" A.F.F. to BASE
LAV	LAVATORY - WALL MOUNTED	34" A.F.F. to RIM
CH	COAT HOOK	54" A.F.F.
M	MIRROR	24"X36" ; 40" A.F.F. to BOTTOM OF REFLECTIVE SURFACE
HCWC	H.C. WATER CLOSET	17" A.F.F. to SEAT

1. TOILET PAPER AND SOAP DISPENSERS ARE TO BE PROVIDED BY THE OWNER. TOILET PAPER DISPENSER ARE TO BE INSTALLED NO LOWER THAN 19" AFF. THE OPERATION AND SPIGOT PORTION OF SOAP DISPENSERS SHALL BE INSTALLED AT 44" AFF. CONTRACTOR TO COORDINATE AND VERIFY

HARDWARE GROUP NO. 145
FOR USE ON DOOR #(S): 101.1 &102.1
PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 NRP	630	IVE
1	EA	CORRIDOR LOCK W/ OUTSIDE INDICATOR	45H 0 TD 15H 630 VIT	360	BES
1	EA	PERMANENT CORE	MATCH EXISTING KEY SYSTEM	626	BES
1	EA	SURFACE CLOSER	4040XP	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	188S	BK	ZER
1	EA	DOOR SWEEP	39A	A	ZER
1	EA	THRESHOLD	655A	A	ZER

INTERIOR FINISH SCHEDULE

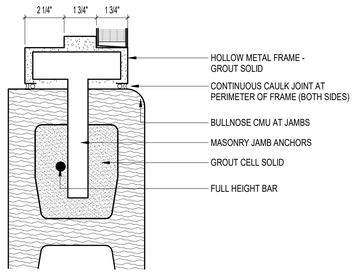
ROOM IDENTIFCATION		FLOOR	BASE	WALL	CEILING
NAME	#				
RESTROOM	101	SEALED CONCRETE	RUBBER BASE	EPOXY PAINT	PAINT EXPOSED
RESTROOM	102	SEALED CONCRETE	RUBBER BASE	EPOXY PAINT	PAINT EXPOSED

DOOR SCHEDULE

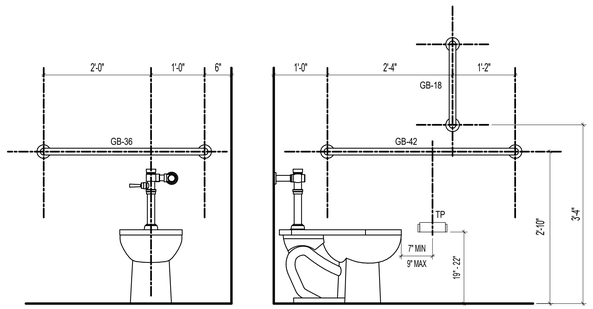
		PANEL						FRAME			
MARK	HW SET	TYPE	WIDTH	HEIGHT	THICK.	MATERIAL	FINISH	MATERIAL	FINISH	DEPTH	HEAD
101.1	145	F	3'-0"	7'-0"	1 3/4"	INSUL. METAL	PAINT	HMF	PAINT	5 3/4"	4"
102.1	145	F	3'-0"	7'-0"	1 3/4"	INSUL. METAL	PAINT	HMF	PAINT	5 3/4"	4"

GENERAL NOTES

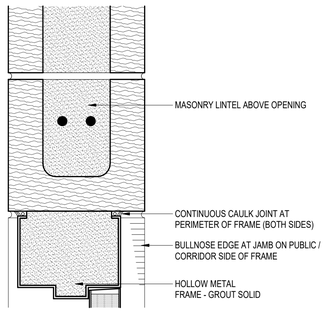
1. PROVIDE HOUSEKEEPING PADS FOR ELECTRICAL AND MECHANICAL EQUIPMENT. VERIFY SIZE AND LOCATION WITH ELECTRICAL, PLUMBING, AND HVAC INSTALLERS AND MANUFACTURERS.
2. FIELD VERIFY ALL DIMENSIONS FOR HANDRAILS, EQUIPMENT, ETC. PRIOR TO FABRICATION AND INSTALLATION
3. PROVIDE WOOD FOR BLOCKING WHERE BLOCKING IS REQUIRED. WHERE BLOCKING CONTACTS METAL FRAME, STUDS, ETC. SEPARATE WITH BUILDING FELT TO AVOID REACTIONS BETWEEN WOOD AND METALS.
4. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
5. THE SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE "PROJECT SPECIFICATIONS".
6. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS, ETC.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COSTS SHALL BE INCLUDED IN BASE BID.
8. ALL DISTURBED AREAS ARE TO RECEIVE FOUR (4) INCHES OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
9. PATCH AND REPAIR EXISTING PAVING WHERE DISTURBED BY NEW CONSTRUCTION BEYOND SAW-CUT JOINT FOR NEW CONSTRUCTION
10. SITE BOUNDARY, TOPOGRAPHY, UTILITY AND ROAD INFORMATION WAS TAKEN FROM A SURVEY BY JOHNSTON SURVEYING OF ROLAND, ARKANSAS.
11. CONTRACTOR TO VISIT SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING PROJECT. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID.
12. COORDINATE ALL ROOF PENETRATIONS FOR LOCATION, SIZE AND REQUIRED MATERIALS. ROOFING CONTRACTOR TO INSTALL OR VERIFY INSTALLATION OF ALL PENETRATIONS AND REQUIRED MATERIALS. ROOFING CONTRACTOR TO PROVIDE ALL FLASHING, PENETRATIONS, CURBS, CRICKETS, TERMINATIONS, ETC. NOT SPECIFICALLY PROVIDED BY OTHER TRADES AND AS REQUIRED FOR WARRANTIED INSTALLATION.
13. ALL ROOFING DETAILS (FLASHING, EDGE METAL, PENETRATIONS, CURBS, ETC.) SHALL BE APPROVED BY THE MANUFACTURER AND INCLUDED IN SYSTEM WARRANTY. PROVIDE ALL MATERIAL AND WORK REQUIRED, SHOWN OR NOT, FOR WARRANTIED INSTALLATION.
14. ALL METAL ROOFING (INCLUDING TRIM, GUTTERS, DOWNSPOUTS, ETC.) SHALL BE FROM SAME MANUFACTURER, AND SHALL BE INCLUDED UNDER A SINGLE WEATHER TIGHTNESS WARRANTY.



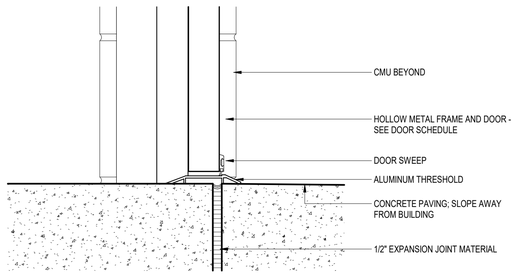
4 A0.1 HOLLOW METAL FRAME
3" = 1'-0"



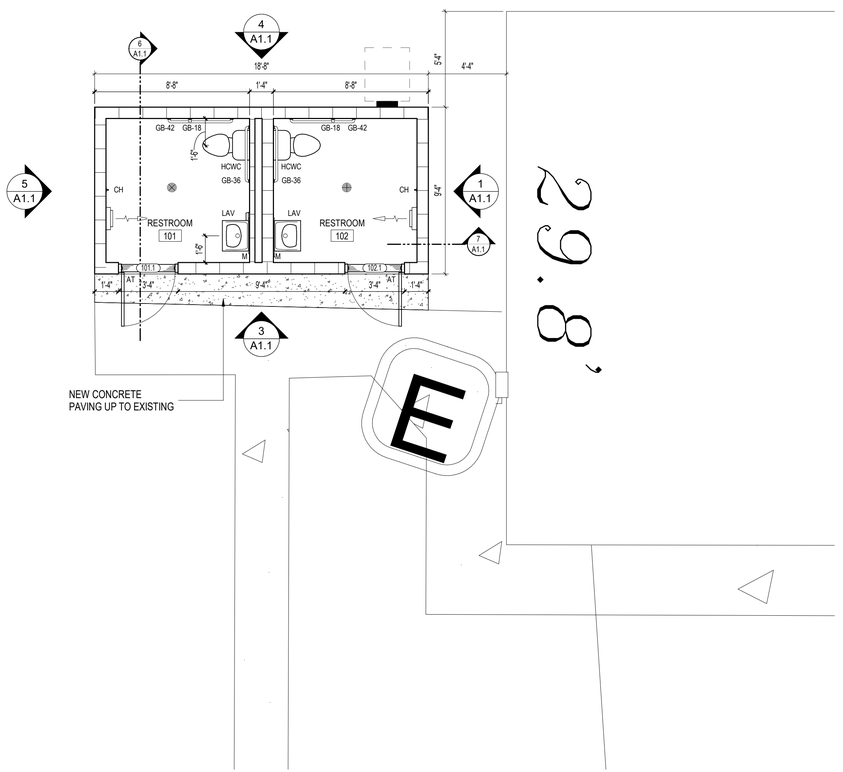
1 A0.1 GRAB BAR ELEVATIONS
3/4" = 1'-0"



3 A0.1 HOLLOW METAL FRAME
3" = 1'-0"



2 A0.1 EXTERIOR ALUMINUM THRESHOLD (AT)
3" = 1'-0"



NORTH

5 A0.1 FLOOR PLAN
1/4" = 1'-0"

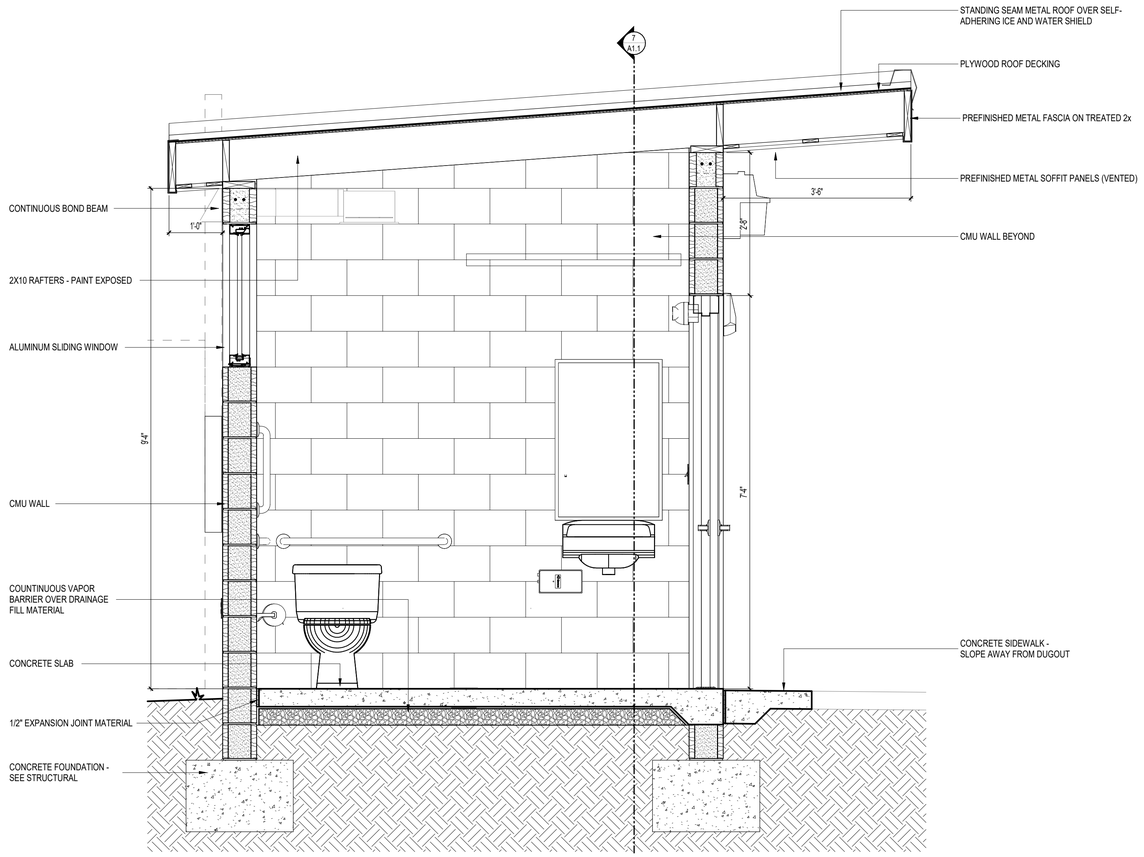
LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501 223 9302 • WWW.LEMVRW.COM

RESTROOM FACILITY
SAU TECH
CAMDEN, ARKANSAS

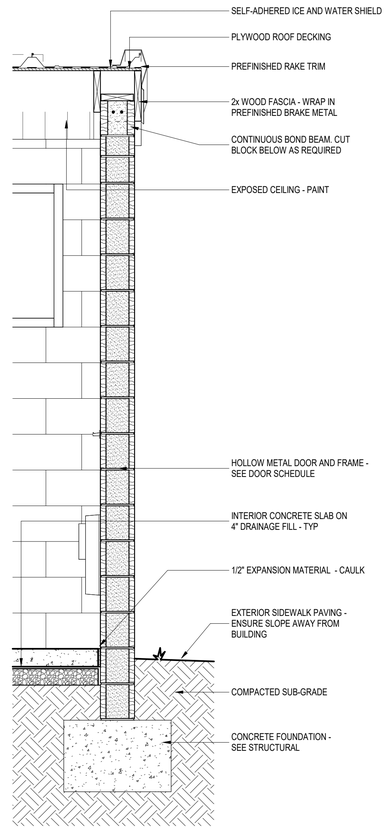
REGISTERED ARCHITECTS
LEWIS, ELLIOTT, McMORRAN, VADEN, RAGSDALE, & WOODWARD, INC.
ARKANSAS

DATE: 2025 03-17
PROJECT NO: 24093
DRAWN BY: AP
REV:

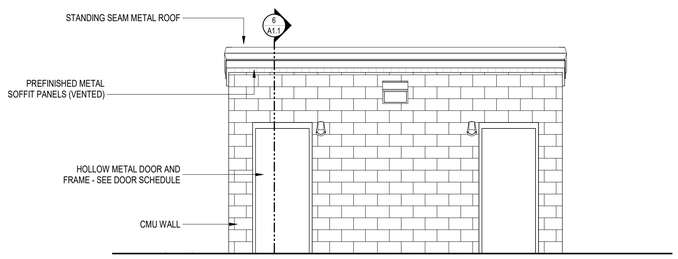
A0.1



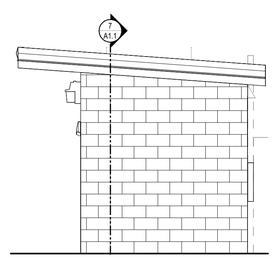
6 A1.1 WALL SECTION
3/4" = 1'-0"



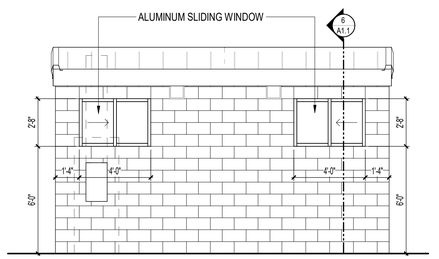
7 A1.1 WALL SECTION
3/4" = 1'-0"



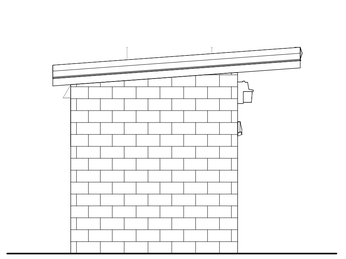
3 A1.1 SOUTH ELEVATION
1/4" = 1'-0"



1 A1.1 EAST ELEVATION
1/4" = 1'-0"



4 A1.1 NORTH ELEVATION
1/4" = 1'-0"



5 A1.1 WEST ELEVATION
1/4" = 1'-0"

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501 223 9302 • WWW.LEMVRW.COM

RESTROOM FACILITY
SAU TECH
CAMDEN, ARKANSAS

REGISTERED ARCHITECTS
LEWIS, ELLIOTT, McMORRAN, VADEN, RAGSDALE, WOODWARD, INC.
ARKANSAS

DATE: 2025 03-17
PROJECT NO: 24093
DRAWN BY: AP
REV:

A1.1

FOUNDATION NOTES:

1. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK. REPORT DISCREPANCIES BETWEEN DRAWINGS AND SITE CONDITIONS TO ARCHITECT FOR COORDINATION.
2. ALL EXISTING UNDERGROUND UTILITIES, FOUNDATIONS, ETC. SHALL BE REMOVED FROM THE AREA OF THE BUILDING PAD AS DIRECTED BY THE GEOTECHNICAL ENGINEER. BACKFILL EXCAVATIONS WITH COMPACTED SELECT FILL AND PLACE PER NOTE 5 BELOW.
3. POSITIVE DRAINAGE AWAY FROM BUILDING PADS SHALL BE PROVIDED AT ALL TIMES. SATURATION OF SUBSURFACE SOILS WILL BE DETRIMENTAL AND MAY INCREASE UNDERCUTS.
4. AT LOCATIONS WHERE UTILITY, ELECTRICAL, OR PLUMBING TRENCHES ARE LOCATED BELOW THE FOOTING AND WITHIN 5 FEET OF THE EDGE OF THE FOOTING, OR BELOW THE FOOTING, TRENCHES SHALL BE BACKFILLED IN LIFTS, COMPACTED, AND TESTED PER NOTE 5
5. ALL COMPACTED FILL SHALL BE PLACED IN 6-8 INCH LOOSE LIFTS AND COMPACTED TO AT LEAST 95% OF THE MAXIMUM MODIFIED PROCTOR (ASTM D-1557). FILL SOILS SHALL CONSIST OF LOW-PLASTICITY, NON-EXPANSIVE SOILS HAVING A LIQUID LIMIT LESS THAN 40 AND A PLASTICITY INDEX LESS THAN 15. FILL SOILS SHALL BE SELECT CLAYEY SAND (SC), SANDY CLAY (CL), OR CLAY GRAVEL (GC), AS NOTED IN THE SOILS REPORT. THE GEOTECHNICAL ENGINEER SHALL APPROVE ALL MATERIAL TO BE USED FOR FILL OR BACKFILL MATERIAL. PRIOR TO PLACING EACH LIFT, THE PREVIOUS LIFT SHALL BE TESTED AND APPROVED BY GEOTECHNICAL ENGINEER.
6. FLOOR SLABS SHALL BEAR ON A MINIMUM 4" OF WASHED GRAVEL. VAPOR BARRIER (SEE SPECIFICATION 07 26 16) SHALL BE PLACED DIRECTLY BENEATH THE SLAB ON GRADE. BELOW THE WASHED GRAVEL SHALL BE EITHER COMPACTED SELECT FILL OR APPROVED NATURAL MATERIAL PASSING PROOFROLL.
7. FOOTINGS SHALL BEAR ON APPROVED NATURAL UNDISTURBED MATERIAL OR COMPACTED SELECT FILL CAPABLE OF 1,500 PSF ALLOWABLE BEARING CAPACITY. IF SUITABLE BEARING STRATA IS NOT REACHED AT THE BOTTOM OF FOOTING ELEVATION, THE FOOTINGS SHALL BE UNDERCUT UNTIL ACCEPTABLE MATERIAL IS REACHED. FILL UNDERCUT WITH LEAN CONCRETE (300 PSI @ 28 DAYS) TO BOTTOM OF FOOTING ELEVATION. EXCAVATIONS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING REBAR OR FLOWABLE FILL.
8. SUBGRADE MATERIALS SHALL NOT BE ALLOWED TO DRY OUT DURING EARTHWORK OR FOOTING EXCAVATIONS, NOR SHALL THEY BE ALLOWED TO BECOME SATURATED. FOLLOW GEOTECHNICAL RECOMMENDATIONS REGARDING SITE PREPARATION. IF DURING EARTHWORK OPERATIONS EXPANSIVE SOILS ARE ENCOUNTERED, CONTACT GEOTECHNICAL ENGINEER FOR FURTHER DIRECTION. NOTIFY ARCHITECT PRIOR TO IMPLEMENTING ADDITIONAL UNDERCUT/EARTHWORK.
9. PRIOR TO THE BEGINNING OF THE SITE WORK, THE GENERAL CONTRACTOR SHALL EMPLOY GEOTECHNICAL SERVICES TO OBSERVE SITE WORK OPERATIONS AND PROVIDE RECOMMENDATIONS AS NEEDED TO PROVIDE BEARING STRATUM PER NOTE 7. ANY UNDERCUTS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO UNDERCUTTING.

GENERAL CONCRETE NOTES:

1. AMERICAN CONCRETE INSTITUTE SPECIFICATIONS SHALL GOVERN ALL PHASES OF CONCRETE CONSTRUCTION.
2. CONCRETE PLACEMENT SHALL BE AS NOTED IN THE CONCRETE PLACEMENT SCHEDULE BELOW. SEE SPECIFICATIONS FOR MIX DESIGN REQUIREMENTS.
3. ALL REINFORCING STEEL SHALL BE GRADE 60.
4. GENERAL CONTRACTOR SHALL VERIFY ALL CONCRETE DIMENSIONS, INSERTS, SLEEVES, AND OPENINGS WITH ALL TRADES BEFORE PLACING CONCRETE. ALL SLEEVES FOR CONDUIT, OR OTHER INSERTS SHALL BE PLACED PRIOR TO CONCRETE. NO CONCRETE SHALL BE BROKEN OUT TO PLACE ELECTRICAL, MECHANICAL, OR SIMILAR ITEMS WITHOUT THE PERMISSION OF THE ARCHITECT.
5. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO PLACING ANY CONCRETE. IF THERE ARE DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS, CONTACT THE ARCHITECT BEFORE COMMENCING WITH WORK.
6. CONCRETE PLACEMENT FOR SLABS SHALL BE CLOSELY COORDINATED WITH WEATHER CONDITIONS TO PREVENT RAPID MOISTURE LOSS OR TEMPERATURE SWINGS. ADEQUATE WIND BREAKS AND COLD/HOT WEATHER PROTECTION SHALL BE PROVIDED TO MAINTAIN ACCEPTABLE TEMPERATURES AT ALL TIMES DURING CURING.
7. 2 WEEKS PRIOR TO PLACING ANY EXPOSED CONCRETE SLABS, THE CONCRETE FINISHER,THE CONCRETE SUPPLIER, ARCHITECT'S REPRESENTATIVE, AND CONTRACTOR SHALL MEET TO DISCUSS MIX DESIGN, ADEQUATE PROTECTION, CURING, SIZE OF SLAB PLACEMENTS, ETC.

8 EXPOSED WALLS AND SLABS SHALL BE REVIEWED FOR CRACKING DETRIMENTAL TO FINISH. SLABS/WALLS TO BE EXPOSED TO VIEW MAY REQUIRE REMOVAL IF THEY ARE DAMAGED OR CRACKING OCCURS THAT WILL BE DETRIMENTAL TO THE FINISH/APPEARANCE OF THE FINAL PRODUCT.

CONCRETE PLACEMENT SCHEDULE

CONCRETE MIX TYPE	PLACEMENT
4,000 PSI WITH AIR-ENTRAINMENT	EXTERIOR PAVING, CURBS, SIDEWALKS, PADS,
3,000 PSI NO AIR-ENTRAINMENT	INTERIOR FLOOR SLABS, FOOTINGS

WOOD FRAMING NOTES:

1. BRACE AND GUY UNTIL ALL FINAL CONNECTIONS ARE MADE.
2. TIMBER CONSTRUCTION MANUAL BY THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION SHALL GOVERN ALL PHASES OF DESIGN AND CONSTRUCTION.
3. MATERIALS:
   - WOOD MEMBERS IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.
   - PLYWOOD FOR ROOF DECKING - APA RATED SHEATHING EXPOSURE 1. SEE 8/S2.1 DRAWINGS FOR NAILING AND BLOCKING REQUIREMENTS
   - DIMENSIONAL SAWN LUMBER
     A. HEADERS, TOP PLATES, RAFTERS:
        NO. 2 SOUTHERN PINE OR BETTER
4. REFER TO THE INTERNATIONAL BUILDING CODE 2021 (TABLE 2304.9.1) FOR MINIMUM REQUIREMENTS FOR NAILS AND NAILING FOR ALL CONNECTIONS, UNLESS DETAILED ON THE DRAWINGS OTHERWISE.

BLOCK REINFORCING NOTES:

GENERAL NOTES:

1. MASONRY SHALL MEET THE REQUIREMENTS OF THE SPECIFICATION FOR MASONRY STRUCTURES - TMS 402/606-16.
2. ALL MASONRY SHALL BE INSPECTED AS PER THE LEVEL 2 QUALITY OF ASSURANCE
3. GROUTING OF VERTICAL CELLS SHALL MEET THE REQUIREMENTS OF THE SPECIFICATION FOR MASONRY STRUCTURES AS SET FORTH IN TMS 402/606-16.
4. COMPRESSIVE STRENGTH FOR MASONRY (F'M) SHALL BE 2,000 PSI. ALL MASONRY SHALL BE RUNNING BOND WITH TYPE 'N' MORTAR.
5. VERTICAL REINFORCING MAY BE SPLICED IF REQUIRED. MINIMUM LAP SPLICES SHALL BE AS FOLLOWS:
   #4 VERTS - 16"
6. ALL VERTICAL CELLS WITH REINFORCING AND BOND BEAMS SHALL BE FILLED WITH MASONRY GROUT WITH A COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
7. SEE DETAIL 1/S2.1 FOR TYPICAL OPENING IN MASONRY WALL. SEE 9/S2.1 FOR TYPICAL LINTEL.
8. SEE ARCH. DWGS FOR CONTROL JOINTS IN MASONRY WALLS.

VERTICAL REINFORCING:

1. ALL BLOCK WALLS SHALL HAVE ONE FULL HEIGHT REBAR, SIZED AND LOCATED 2/S2.1
2. IN ADDITION, ALL BLOCK WALLS SHALL HAVE ONE VERTICAL BAR (SIZE AS INDICATED ABOVE) AT THE FOLLOWING LOCATIONS:
   A. AT ENDS OF WALLS.
   B. AT CORNERS OF WALLS.
   C. AT WALL INTERSECTIONS.
   D. AT EACH SIDE OF ALL WALL CONTROL JOINTS.
   E. AT EACH SIDE OF ALL OPENINGS GREATER THAN 16" WIDE.

HORIZONTAL REINFORCING:

1. ALL 8" BLOCK WALLS SHALL HAVE AN 8" DEEP x 8" WIDE NOMINAL BOND BEAM AT THE TOP OF THE WALL. REINFORCE BOND BEAM WITH (2) #4 REBAR (UNO)
2. HORIZONTAL JOINT REINFORCING SHALL BE CONTINUOUS AND SPACED AT 16" ON CENTER VERTICALLY. MINIMUM LAP IS 12".

BUILDING DESIGN LOADS:

THE FOLLOWING LOADS AS PER IBC 2021 AND THE LATEST EDITION OF THE ARKANSAS FIRE PREVENTION CODE

1. GRAVITY LOADS:
   a. RAFTERS:
      - UNIFORM DEAD:
        TOP CHORD = 15 PSF
      - UNIFORM LIVE:
        TOP CHORD = 20 PSF

2. WIND LOADS:
   - ULTIMATE WIND SPEED (V) = 105 MPH
   - WIND IMPORTANCE FACTOR (I) = 1.0
   - RISK CATEGORY = II
   - INTERNAL PRESSURE COEFFICIENTS (GCpI) = ±.18
   - EXPOSURE CATEGORY = C

3. SNOW LOAD CRITERIA:
   - GROUND SNOW LOAD (PG) = 10 PSF
   - SNOW EXPOSURE FACTOR (CE) = 1.0
   - IMPORTANCE FACTOR (I) = 1.0
   - THERMAL FACTOR (CT) = 1.0

4. SEISMIC LOAD CRITERIA:
   - RISK CATEGORY = II
   - IMPORTANCE FACTOR = 1.0
   - SPECTRAL RESPONSE COEFFICIENTS
     I. Ss = 0.19
     II. S1 = 0.099
     III. SDs = 0.165
     IV. SD1 = 0.099
   - SITE CLASS = C (PER SOILS ENGINEER)
   - SEISMIC DESIGN CATEGORY = B
   - BASIC SEISMIC RESISTING SYSTEM
     ORDINARY REINFORCED MASONRY SHEAR WALLS, R=2

5. CONSTRUCTION LOADS (SCISSORS LIFTS, FORKLIFTS, ETC.) SUPPORTED BY SLABS-ON-GRADE AND STRUCTURAL SLABS SHALL BE ANALYZED BY AN INDEPENDENT STRUCTURAL ENGINEER. THE COST OF THE ANALYSIS SHALL BE PAID FOR BY THE CONTRACTOR. THE ANALYSIS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL. HOWEVER, ENGINEER OF RECORD IS NOT RESPONSIBLE SHOULD DAMAGE TO THE SLAB OR STRUCTURE OCCUR.

SEISMIC NOTE:

I HEREBY CERTIFY THAT THE FRAMING PLANS, FOUNDATION PLANS, STRUCTURAL DETAILS, AND SPECIFICATIONS FOR THIS BUILDING HAVE BEEN PREPARED BY ME OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THE PLANS AND SPECIFICATIONS ARE AS REQUIRED AND IN COMPLIANCE WITH ACT 1100 (SEISMIC LAW). REFER TO THE BUILDING DESIGN LOADS ON THIS SHEET FOR SEISMIC DESIGN CRITERIA.
DATE: FEBRUARY 14, 2025

RANDY L GANGLUFF, P.E., AR #11242

STRUCTURAL LEGEND:

BRG.	BEARING
CLR.	CLEAR
EF	EACH FACE
EJ	EXPANSION JOINT
EQ	EQUAL
EW	EACH WAY
FD	FLOOR DRAIN (24"Ø WALLOW, SLOPE SLAB ½" TO DRAIN)
FF	FINISHED FLOOR
FG	FINISHED GRADE
H	HIGH
LG	LONG
O.C.	ON CENTER
O.H.	OPPOSITE HAND
SCJ	SAWN CONTROL JOINT - SEE 4/S2.1
SIM.	SIMILAR
TOW	TOP OF WALL
UNO	UNLESS NOTED OTHERWISE
VIF	VERIFY IN FIELD
WWF	WELDED WIRE FABRIC
— - - —	DENOTES SAWN CONTROL JOINT

SPECIAL INSPECTIONS:

SPECIAL INSPECTIONS ARE NOT REQUIRED FOR STRUCTURAL SYSTEM.

GREESON GATLIN GANGLUFF & ASSOCIATES
ENGINEERS PA
Phone: 501.224.7070
225009

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501.223.9302 • WWW.LEWVRW.COM

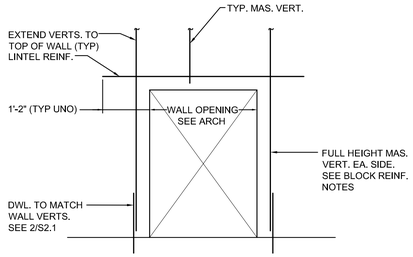
RESTROOM FACILITY
SAU TECH
CAMDEN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER

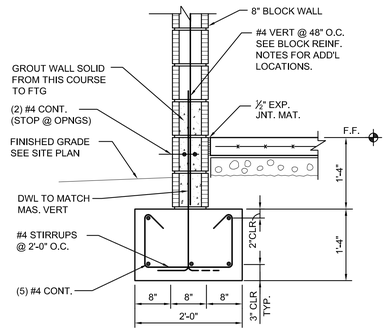
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.11242
RANDY L. GANGLUFF
02-14-2025

DATE: 2025 03-17
PROJECT NO: 24093
DRAWN BY: GGGAE
REV:

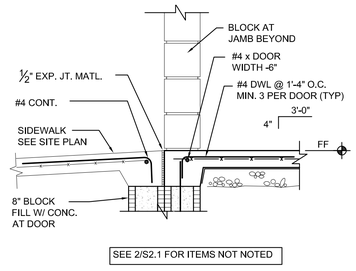
S1.1



1 S2.1 TYPICAL MASONRY OPENING
NTS

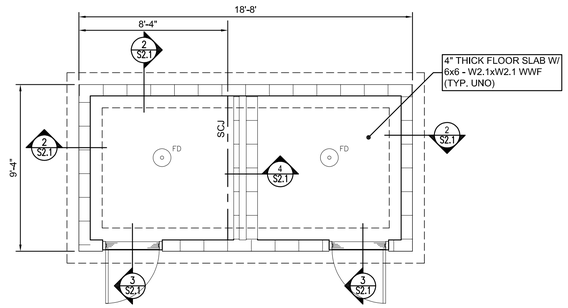


2 S2.1 EXTERIOR WALL FOOTING
3/4"=1'-0"



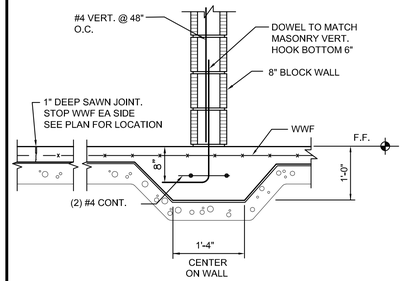
SEE 2/S2.1 FOR ITEMS NOT NOTED

3 S2.1 TYPICAL EXTERIOR DOOR FOOTING
3/4"=1'-0"

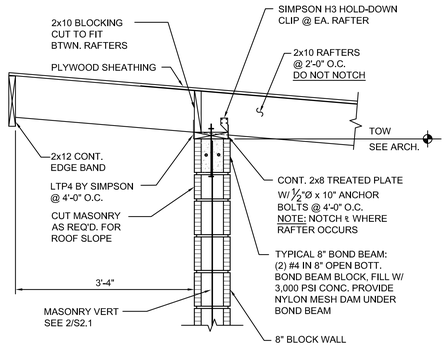


NORTH

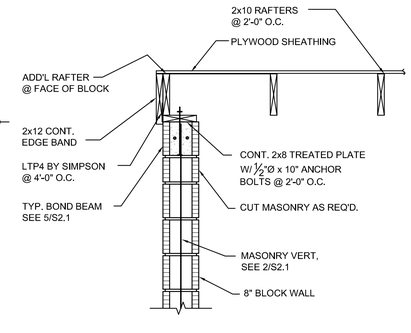
FOUNDATION PLAN
1/4"=1'-0"



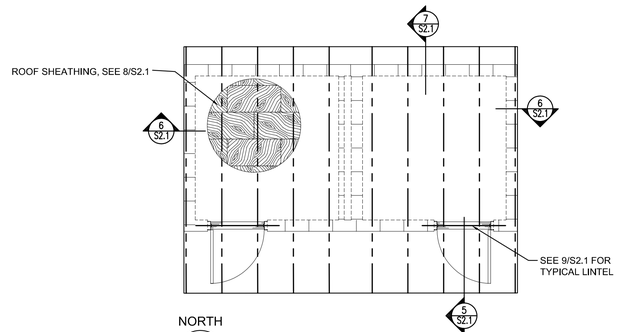
4 S2.1 TYPICAL INTERIOR BLOCK WALL
3/4"=1'-0" (UNO)



5 S2.1 WOOD RAFTERS BEARING ON MASONRY WALL
3/4"=1'-0"

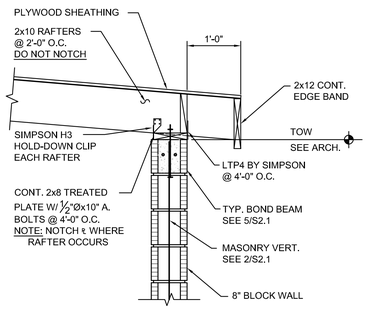


6 S2.1 ROOF FRAMING @ END WALL
3/4"=1'-0"

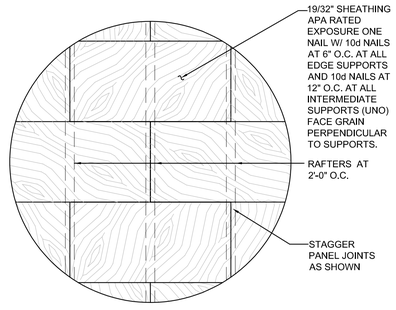


NORTH

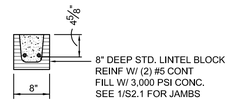
ROOF FRAMING PLAN
1/4"=1'-0"



7 S2.1 WOOD RAFTERS BEARING ON MASONRY WALL
3/4"=1'-0"



8 S2.1 TYP. ROOF SHEATHING DIAGRAM
3/4"=1'-0"



9 S2.1 TYPICAL LINTEL
3/4"=1'-0"

PLAN NOTES:

1. SEE S1.1 FOR THE FOLLOWING:
   a. FOUNDATION NOTES
   b. CONCRETE NOTES
   c. BLOCK REINFORCING NOTES
   d. WOOD FRAMING NOTES
   e. BUILDING DESIGN LOADS
   f. LEGEND
2. DIMENSIONS SHOWN ARE TO OUTSIDE FACE OF BLOCK. SEE ARCH FOR ADD'L LAYOUT DIMENSIONS.
3. VERIFY ALL DIMENSIONS WITH ARCHITECT'S DRAWINGS AND SITE CONDITIONS PRIOR TO CONSTRUCTION.

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501.223.9302 • WWW.LEMVRW.COM

RESTROOM FACILITY
SAU TECH
CAMDEN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
GREESON, GATLIN, GANGLUFF & ASSOC. ENGINEERING P.A.
No. 133
ARKANSAS ENGINEER

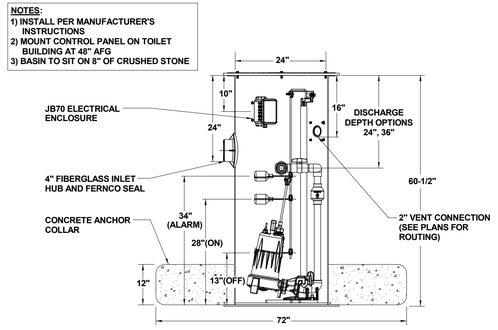
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.11242
RANDY L. GANGLUFF
01-22-2025

DATE: 2025 03-17
PROJECT NO: 24093
DRAWN BY: GGGAE
REV:

GREESON GATLIN GANGLUFF & ASSOCIATES ENGINEERS PA
Phone: 501.224.7070

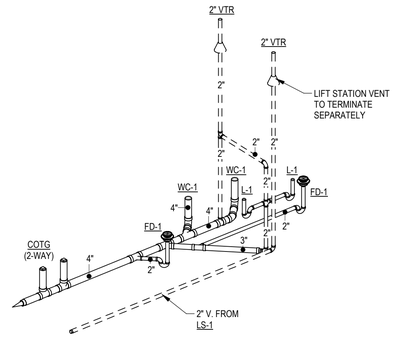
225009

S2.1



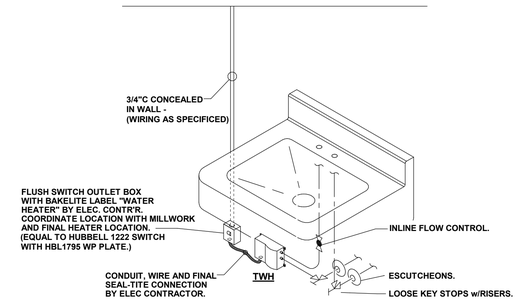
5 P1.1 LIFT STATION DETAIL (LS-1)

NOT TO SCALE



4 P1.1 WASTE AND VENT RISER DIAGRAM

NOT TO SCALE



3 P1.1 TANKLESS WATER HEATER DETAIL

NOT TO SCALE

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	WASTE	H.W.	C.W.	REMARKS
WC-1	WATER CLOSET	4"	---	3/4"	PRESSURE ASSISTED TANK TYPE
WC-2	WATER CLOSET	4"	---	3/4"	PRESSURE ASSISTED TANK TYPE WITH RIGHT HAND TRIP LEVER
L-1	LAVATORY, BARRIER FREE	2"	1/2"	1/2"	WALL MOUNTED, PROVIDE WITH TEMPERING VALVE, 34" AFF TOP OF APRON.
TWH-1 & TWH-2	ELECTRIC TANKLESS WATER HEATER	---	1/2"	1/2"	240V., 3.5 kW, w/ 0.5 GPM FLOW RESTRICTOR
FD-1	FLOOR DRAIN, 2" DEEP-SEAL P-TRAP	2"	---	---	6" NICKEL BRONZE STRAINER, W/TRAP GUARD DEVICE
HB-1	INTERIOR HOSE BIBB	---	---	3/4"	RECESSED IN WALL, 12" AFF.

PLUMBING SPECIFICATIONS

WC-1 WATER CLOSET, BARRIER-FREE - AMERICAN STANDARD #2467.016, "CADET RIGHT HEIGHT", ELONGATED, PRESSURE ASSISTED, WHITE VITREOUS CHINA, 1.6 GPF, SIPHON JET ACTION, CLOSE-COUPLED FLUSHOMETER TANK. PROVIDE W/CHURCH #9400SSC SEAT, W/CHECK HINGE, SELF-SUSTAIN FEATURE & STAINLESS STEEL HINGE POSTS. WITH #4142.600 TANK AND TANK COVER WITH TANK COVER LOCKING DEVICE. TOP OF RIM AT 16-1/2". TOTAL HEIGHT IS 17-3/4" AFF. WITH SEAT

WC-2 WATER CLOSET, BARRIER-FREE - AMERICAN STANDARD #2467.016, "CADET RIGHT HEIGHT", ELONGATED, PRESSURE ASSISTED, WHITE VITREOUS CHINA, 1.6 GPF, SIPHON JET ACTION, CLOSE-COUPLED FLUSHOMETER TANK. PROVIDE W/CHURCH #9400SSC SEAT, W/CHECK HINGE, SELF-SUSTAIN FEATURE & STAINLESS STEEL HINGE POSTS. WITH #4142.900 TANK AND TANK COVER WITH TANK COVER LOCKING DEVICE AND **RIGHT** HAND TRIP LEVER. TOP OF RIM AT 16-1/2", TOTAL HEIGHT IS 17-3/4" AFF. WITH SEAT

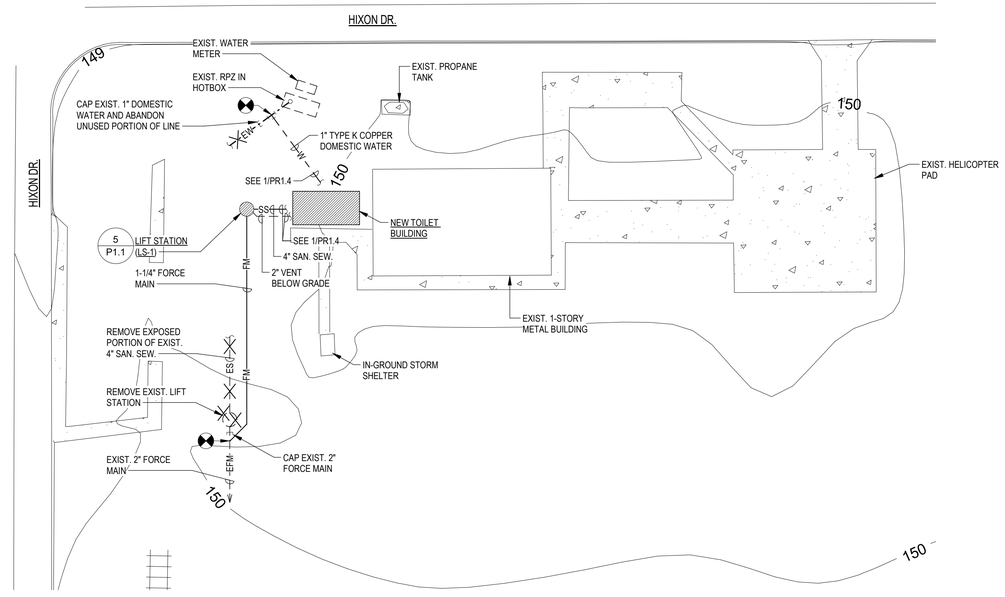
L-1 LAVATORY, BARRIER FREE - AMERICAN STANDARD "LUCERNE" #0355.012M, 20" X 18" WALL HUNG, MCGUIRE # 155WC OFFSET OPEN GRID DRAIN, #2165LK 1/2"I P.S. x 3/8"O.D. LOOSE KEY STOPS WITH 3/8" O.D. C.P. RISERS (NOTE: DO NOT USE FLEXIBLE BRAIDED SUPPLY LINES), T & S #B-2851 SINK FAUCET WITH #B-0199 AERATOR, 5-1/2" SWIVEL GOOSENECK SPOUT AND LEVER HANDLES AND MCGUIRE #8872 - 1-1/4" CAST BRASS P-TRAP WITH CLEAN OUT. PROVIDE WADE #W-510-NR LAVATORY CARRIER AT BLOCK WALLS. TOP OF SINK APRON AT 34" AFF. PROVIDE LEONARD #170-LF-BP ASSE 1070 TEMPERED WATER MIXING VALVE MOUNTED ADJACENT TO SUPPLY STOPS. REFER TO DETAIL ON PLUMBING DRAWINGS. INSULATE WASTE AND SUPPLIES PER SPECIFICATIONS MANUAL.

TWH-1 & TWH-2 TANKLESS ELECTRIC WATER HEATER - EEMAX #SPEX35, ELECTRIC TANKLESS WATER HEATER, 240V., 3.5kW, 15 AMPS, 3/8" INLET/OUTLET CONNECTIONS, 0.5 GPM FLOW RESTRICTOR, REPLACEABLE CARTRIDGE ELEMENT. REFER TO DETAIL ON PLANS.

LS-1 SANITARY SEWER LIFT STATION - LIBERTY #2460LSG202 230V, 1ϕ PRE-ASSEMBLED SIMPLEX GRINDER PACKAGE WITH 24"x60-1/2" FIBERGLASS BASIN AND 2HP OMNIVORE GRINDER PUMP, WITH GR20 GUIDE RAIL ASSEMBLY AND 1-1/4" SCH 80 PVC DISCHARGE PIPING WITH BALL VALVE AND CHECK VALVE. WITH HEAVY-DUTY FIBERGLASS COVER AND NEMA 4X SIMPLEX PANEL WITH ALARM. SEE DETAIL 5/PR1.4.

FD-1 FLOOR DRAIN - WADE #W-1100-A6-1-VP 2" TRAP SIZE, CAST IRON FLOOR DRAIN WITH 6" DIAMETER NICKEL BRONZE STRAINER, FLANGE, INTEGRAL REVERSIBLE CLAMPING COLLAR, SEEPAGE OPENINGS, VANDAL-PROOF SCREWS, 2" DEEP-SEAL TRAP. PROVIDE WITH PRO-SET "TRAP GUARD" #TG22-WADE TRAP SEAL PROTECTOR IN LIEU OF TRAP PRIMER.

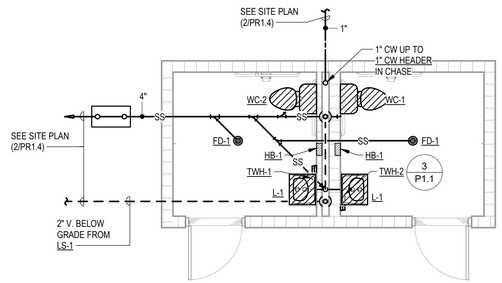
HB-1 HOSE BIBB, INTERIOR - ZURN #Z1330 INTERIOR WALL HYDRANT WITH VACUUM BREAKER, RECESSED BOX WITH LOCKING COVER, POLISHED CHROME FINISH.



NORTH 2 P1.1 SITE PLAN - TOILETS - PLUMBING

1" = 20'-0"

0 6" 1' 2'



NORTH 1 P1.1 FLOOR PLAN - TOILETS - PLUMBING

1/4" = 1'-0"

0 6" 1' 2'

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501 223 9302 • WWW.LEMVRW.COM

RESTROOM FACILITY
SAU TECH
CAMDEN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No.7612
RANDALL M. RAGSDALE

DATE: 2025 03-17
PROJECT NO: 24093
DRAWN BY: KS
REV:

P1.1

MECHANICAL GENERAL NOTES

1. DUE TO THE SMALL SCALE OF THIS DRAWING, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS AND ACCESSORIES WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING THE WORK AND SHALL COORDINATE AND ARRANGE HIS WORK ACCORDINGLY.
2. EXHAUST DUCTWORK SHALL BE UNINSULATED, UNLESS OTHERWISE NOTED.
3. COORDINATE LOCATION OF DUCTS AND FANS WITH STRUCTURAL FRAMING MEMBER. OFFSET DUCTS AS REQUIRED TO CLEAR STRUCTURAL MEMBERS.
4. COORDINATE LOCATIONS AND ELEVATION OF DUCT RUNS WITH PLUMBING AND ELECTRICAL CONTRACTORS.
5. COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
6. SCREWS TO SECURE AIR DEVICES SHALL BE PAINTED HEAD TYPE PROVIDED BY DEVICE MANUFACTURER. ANY OTHER TYPE USED WILL BE REPLACED WITH PROPER SCREW BEFORE ACCEPTANCE.

HVAC ABBREVIATIONS

(SEE SHT T-1 FOR GENERAL ABBREVIATIONS)	
A.F.F.	ABOVE FINISHED FLOOR
ABV.	ABOVE
CFM	CUBIC FEET PER MINUTE
DISCH.	DISCHARGE
DN.	DOWN
MIN.	MINIMUM
OSA	OUTSIDE AIR
PLUMB.	PLUMBING
R.A.	RETURN AIR
S.A.	SUPPLY AIR
T-STAT	THERMOSTAT
U.N.O.	UNLESS NOTED OTHERWISE
W/	WITH
I.D.	INTERNAL DIAMETER
EXT. INSUL.	EXTERNALLY INSULATED

MECHANICAL LEGEND

1 / M-2 — DETAIL NUMBER - TOP NUMBER INDICATES DETAIL NUMBER
1 / M-2 — BOTTOM NUMBER INDICATES SHEET NUMBER

HVAC SEISMIC NOTES

1. SAU TECH EMS BUILDING IS CLASSIFIED AS SEISMIC DESIGN CATEGORY B AND RISK CATEGORY II WITH A COMPONENT IMPORTANCE FACTOR OF (Ip) = 1.0.
2. THE CONTRACTOR SHALL BE FAMILIAR WITH THE 2021 INTERNATIONAL BUILDING CODE (IBC) AND ARKANSAS AMENDMENTS SUCH THAT THE SYSTEMS AND THE COMPONENTS ARE INSTALLED TO COMPLY.
3. BECAUSE THE COMPONENTS OF THESE FACILITIES HAVE A COMPONENT IMPORTANCE FACTOR (Ip) = 1.0, THE MECHANICAL COMPONENTS ARE EXEMPT FROM THE REQUIREMENTS OF THE SECTION.

EXHAUST FANS SCHEDULE

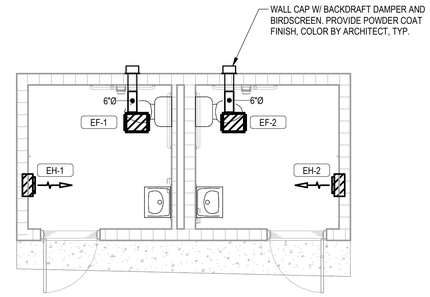
MARK	MANUFACTURER	MODEL	TYPE	CFM	E.S.P. (IN W.G.)	VOLTAGE / PHASE	FAN HP (HP OR WATTS)	SONES	WEIGHT (LBS)	CONTROL POINT	NOTES
EF-1	GREENHECK	SP-B110	CEILING	75	0.3	120/1	80.0	0.6	13	SWITCH	1, 2, 3
EF-2	GREENHECK	SP-B110	CEILING	75	0.3	120/1	80.0	0.6	13	SWITCH	1, 2, 3

ACCESSORIES & NOTES:
1. PROVIDE HANGING RODS AND VIBRATION ISOLATORS AS REQUIRED.
2. PROVIDE FACTORY MOUNTED SOLID STATE SPEED CONTROLLER AT FAN, INTERNAL DISCONNECT AND BACKDRAFT DAMPER.
3. PROVIDE W/ WHITE ALUMINUM CEILING GRILLE.
4. MOUNT FAN LEVEL AT SLOPED CEILING.

ELECTRIC HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	HEATING (KW)	BTU'S	VOLTAGE / PHASE	AMPS	WEIGHT (LBS)
EH-1	MARKEL	H3423T	3	10,239	240/1	14.4	41
EH-2	MARKEL	H3423T	3	10,239	240/1	14.4	41

ACCESSORIES & NOTES:
1. PROVIDE W/ INTEGRAL T-STAT / DISCONNECT.
2. PROVIDE SEMI RECESSED WALL BOX
3. MOUNT AT 12" AFF TO BOTTOM



NORTH

1 / M1.1 — FLOOR PLAN - TOILETS - HVAC

1/4" = 1'-0"

0 2' 4' 8'

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501 223 9302 • WWW.LEMVRW.COM

RESTROOM FACILITY
SAU TECH
CAMDEN, ARKANSAS

CERTIFICATE OF AUTHORIZATION — LEWIS ARCHITECTS ENGINEERS — No. 186 — ARKANSAS ENGINEER

STATE OF ARKANSAS — REGISTERED PROFESSIONAL ENGINEER — NO. 16924 — WADE ALLEN MOORE

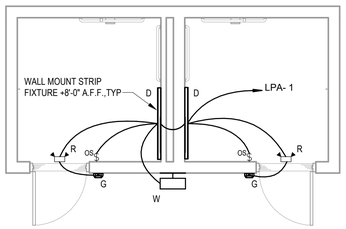
DATE:	2025 03-17
PROJECT NO:	24093
DRAWN BY:	WAM
REV:	

M1.1

LIGHT FIXTURE SCHEDULE						
MARK	DESCRIPTION	MANUFACTURER	MODEL	WATTAGE	VOLTAGE	NOTES
D	LINEAR UTILITY STRIP FIXTURE	Columbia	MPS4-40-VW-FW-EDU	26.5	UNV	CHAIN MOUNT TO +10'-0" AFF WHERE NO CEILING
G	WALL MOUNT EXTERIOR EGRESS FIXTURE	DualLite	PG-FINISH-HTR	15.2	UNV	WALL MOUNT AT +8'-0" AFF - UNO
R	WALL MOUNT TWO-HEADED EMERGENCY EGRESS LIGHT	DualLite	EVHC-6-FINISH	6	UNV	WALL MOUNT AT +9'-0" AFF - UNO
W	EXTERIOR WALL MOUNT ARCHITECTURAL AREA LIGHT	Current	PRS-20-4K-PC	53	UNV	REFER TO ARCH ELEVATIONS FOR MOUNTING HEIGHT(S)

COMMENTS:

1. ALL HEIGHTS ARE IN REGARDS TO THE CENTERLINE OF FIXTURE - UNO.
2. ALL EXIT SIGNS SHALL BE PROVIDED WITH THE PROPER FACES/CHEVRONS AS REQUIRED. ALL EXIT SIGNS AND "R"/"G" EGRESS ONLY TYPE FIXTURES ARE TO BE NON-SWITCHED.
3. CONTRACTOR SHALL PROVIDE/SUBMIT COMPATIBLE LOW-VOLTAGE DIMMER SWITCHES WITH THE FINAL SELECTED FIXTURE SUBMITTALS.

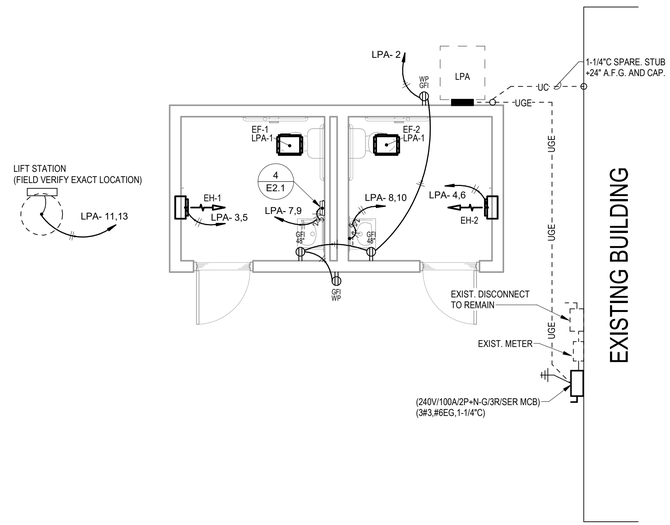


NORTH

1 / E1.1

FLOOR PLAN - TLT - LIGHTING

1/4" = 1'-0"



NORTH

3 / E1.1

FLOOR PLAN - TLT - POWER

1/4" = 1'-0"

LEWIS ARCHITECTS ENGINEERS

ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501 223 9302 • WWW.LEMVRW.COM

RESTROOM FACILITY

SAU TECH
CAMDEN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 11659
SCOTT W. WOODWARD

DATE:	2025 03-17
PROJECT NO:	24093
DRAWN BY:	SW/ML
REV:	

E1.1

ELECTRICAL GENERAL NOTES

1. DUE TO THE SMALL SCALE OF THE PLANS AND THE DIAGRAMMATIC NATURE OF ELECTRICAL PLANS IN GENERAL IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, JUNCTION BOXES, ETC. WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING HIS WORK AND SHALL COORDINATE AND ARRANGE HIS WORK ACCORDINGLY.
2. PROVIDE LAMINATED NAMEPLATES ON ALL ELECTRICAL GEAR PER THE SPECIFICATIONS. SCREW OR POP RIVET TO COVERS. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY, NON-FUSED, 240V OR 600V, SOLID NEUTRAL, NEMA 1 OR NEMA 3R AS APPLIES UNLESS NOTED OTHERWISE.
3. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS NOTED OTHERWISE. SLEEVE ALL RACEWAYS ROUTED THRU FOOTINGS OR GRADE BEAMS. CONTRACTOR SHALL FIRESTOP PER SPECIFICATIONS. ALL CONDUIT PENETRATIONS THRU RATED WALLS. VERIFY FIRE RATED WALL LOCATIONS WITH ARCHITECTURAL PLANS. CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR AND AVOID ANY WATER CARRYING PIPE INSTALLATION ABOVE ELECTRICAL GEAR AND/OR APPARATUS. SET SCREW AND INDENTER TYPE CONDUIT FITTINGS ARE NOT ALLOWED. ALL INTERIOR EXPOSED RACEWAY SHALL BE PAINTED AS DIRECTED BY ARCHITECT.
4. ALL CONDUIT, JUNCTION AND OUTLET BOXES, AND RELATED ROUGH-IN MATERIAL ARE TO BE CONCEALED UNDER FLOORS, IN WALLS AND ABOVE FINISHED CEILINGS WHERE POSSIBLE UNLESS NOTED OTHERWISE IN THE SPECIFICATIONS OR ON THE DRAWINGS. ALL CONDUITS SHALL BE ROUTED OVERHEAD UNLESS NOTED OTHERWISE OR SHOWN AS BELOW GRADE TO A DEVICE.
5. ALL CONDUCTORS SHALL BE COPPER WITH A MINIMUM SIZE CONDUCTOR OF #12 A.W.G. PROVIDE SOLID TYPE 'THW' OR 'THHN' FOR #12 A.W.G. AND #10 A.W.G. ALL FEEDER AND MOTOR/EQUIPMENT CONDUCTORS SHALL BE COPPER TYPE 'THHN' OR 'THWN'.
6. ALL EQUIPMENT SHALL BE BRACED FOR EARTHQUAKE. LIGHT FIXTURES TO HAVE EARTHQUAKE CLIPS AND INDEPENDENT SUPPORT WIRES AT OPPOSITE CORNERS. ALL CEILING MOUNTED EQUIPMENT SUCH AS LIGHT FIXTURES SHALL BE SECURED TO THE STRUCTURE WITH #12 GA STEEL WIRE ON TWO (2) SIDES. IN ADDITION, LIGHT FIXTURES SHALL BE SECURED TO THE CEILING WITH FACTORY UL LISTED EARTHQUAKE CLIPS.
7. AT LOCATIONS WHERE TRENCHES ARE BELOW BOTTOM OF FOOTING ELEVATION AND WITHIN SIX FEET OF THE EDGE OF THE FOOTING. TRENCHES SHALL BE BACKFILLED IN LIFTS, COMPACTED AND TESTED. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION NOTES FOR BACKFILL PROCEDURES. PROVIDE PULLSTRINGS FOR ALL CONDUIT STUBS/SLEEVES.
8. PROVIDE A MIN. OF (2) 4"C ON BOTH SIDES OF CORRIDOR PARTITIONS. PROVIDE (2) 3M# PT4RD FIRE-RATED SEALS AT FIRE-RATED PARTITIONS. PROVIDE SPEC-SEAL FIRESTOP PILLOWS IN ALL OTHER SLEEVES AND PENETRATIONS AT FIRE-RATED WALLS.
9. ALL CIRCUITS, LIGHTING AND POWER, SHALL HAVE DEDICATED NEUTRAL CONDUCTORS WITH ONE PER EACH HOT CONDUCTOR-(NO SHARING OF NEUTRALS). ONLY 3 "HOT" CIRCUITS ALLOWED PER HOMERUN - U.N.O.
10. ALL OF THE FOLLOWING RECEPTACLES SHALL BE GFCI TYPE:
    a.) RECEPTACLES FOR ELECTRIC WATER COOLERS
    b.) RECEPTACLES IN BATHROOMS OR WITHIN 6'-0 OF A SINK
    c.) NEMA 5-20R RECEPTACLES FOR A KITCHEN OR CONCESSION AREA.
    d.) EXTERIOR RECEPTACLES SHALL BE GFCI AND WEATHER RESISTANT "WR" TYPE.
    Note: FEED THROUGH PROTECTION OF GFCI OUTLETS ARE NOT ALLOWED.
11. MOUNT EXTERIOR DISCONNECTS FOR HVAC/MECHANICAL EQUIPMENT AT +48"A.F.G. TO TOP OF DISCONNECT OR, WHERE APPLICABLE, TOP OF DISCONNECT AT TOP OF ADJACENT SURROUNDING SCREEN WALL WHICHEVER IS LOWER. COORDINATE LOCATIONS OF ALL DISCONNECTS WITH FINAL EQUIPMENT LOCATIONS PRIOR TO BEGINNING WORK AS NOT TO IMPEDE ANY EQUIPMENT ACCESS OR VIOLATE ANY NEC CLEARANCES REQUIREMENTS.
12. THE FINAL TYPEWRITTEN ELECTRICAL PANEL SCHEDULES SHALL REFLECT THE ACTUAL ROOM DESCRIPTIONS AND NUMBERS DEPICTED ON FINAL INSTALLED ROOM SIGNAGE. (FIELD VERIFY FOR ACCURACY).
13. LOW-VOLTAGE, AUDIO/VISUAL AND INTERACTIVE DISPLAY BOARD CONDUITS ARE SIZED IN ACCORDANCE WITH VENDORS INSTALLING/UTILIZING "RAPIDRUN" OR "EZ-PULL" TYPE CABLES TO EQUIPMENT. CONTRACTORS PROVIDING AUDIO/VISUAL CABLING UNDER THIS PROJECT/CONTRACT SHALL UTILIZE THESE TYPES OF CABLES.
14. LIGHT FIXTURES SUBMITTED/PROVIDED SHALL MEET THE REQUIREMENTS OF THE DESIGNLIGHTS CONSORTIUM AND/OR BE ENERGYSTAR CERTIFIED.
15. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND SUBMITTING ALL POWER PACKS, RELAYS, SENSORS, CABLING, ETC AS REQUIRED TO PROVIDE COMPLETE AND OPERATIONAL OCCUPANCY CONTROLS IN COMPLIANCE WITH THE LATEST ENERGY CODES.
16. ALL CONDUITS ENTERING THE BUILDING FROM BELOW GRADE SHALL BE SEALED OFF FROM WATER INFILTRATION WITH CONDUIT SEALANT SYSTEM EQUAL TO POLY-WATER FST SYSTEM. ALL EMPTY STUBBED UP CONDUITS SHALL ALSO BE PROVIDE WITH THREADED CAP FOR COVER.
17. PROVIDE HANDLE-LOCK-OFF TYPE BREAKERS FOR ALL CIRCUITS FEEDING ELECTRIC RESISTIVE HEATERS (EH#, CH-#, EDH-# FOR EXAMPLE).
18. PROVIDE TAMPER-RESTISTANT TYPE RECEPTACLES IN ALL LOCATIONS AS REQUIRED BY NEC 406.12

NAMEPLATE NOTES

1. ALL ELECTRICAL EQUIPMENT, TIMER SWITCHES, SAFETY SWITCHES, STARTERS, PANELS, AND TRANSFORMERS SHALL HAVE LAMINATED BAKELITE NAMEPLATES SECURELY FASTENED TO DEVICE.
2. NAMEPLATE SIZE SHALL BE 1 1/2" x 4" WITH BEVELED EDGES AND 1/4" LETTERS.
3. NAMEPLATE SHALL INCLUDE PANEL OR EQUIPMENT DESIGNATION. INCLUDE AMPERAGE, VOLTAGE, PHASE, AND WIRE FOR THE PANELS, AND "PANEL FED FROM" FOR THE EQUIPMENT.
4. NAMEPLATES SHALL BE INSTALLED TO PANELS, CABINETS, SWITCHES, ETC. WITH RIVETS OR STAINLESS STEEL SCREWS. PLATES ATTACHED TO DRYWALL OR BLOCK ON INTERIOR MAY BE ADHESIVE BACK.
5. NAMEPLATES FOR 120 OR 208 VOLT EQUIPMENT SHALL BE BLACK, 277 OR 480 VOLT EQUIPMENT SHALL BE RED. LETTERS SHALL BE WHITE.
6. EMBOSSED STICK BACK WILL NOT BE ALLOWED.
7. NAMEPLATES FOR SWITCHES MAY BE OMITTED FOR FURNACES WHEN THE EQUIPMENT WHICH IS SERVED IS OBVIOUS TO SERVICE TECHNICIAN.
8. WHERE EQUIPMENT DISCONNECT IS AT A PANEL, SECURE NAMEPLATE (WITH UNIT DESIGNATION AND "FED FROM PANEL") TO THE EQUIPMENT.

PANEL A
225A, 208Y120, 3 ϕ,4W

TYPICAL PANEL NAMEPLATE

CU-1
FED FROM PANEL E

TYPICAL EQUIPMENT NAMEPLATE

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
	LIGHT FIXTURE - REFER TO SCHEDULE, TYPICAL
	INDICATES EMERGENCY EGRESS FIXTURE ["EM"]
	LIGHT STRIP/COVE FIXTURE - REFER TO SCHEDULE
	CEILING MOUNTED LIGHT FIXTURE - REFER TO SCHEDULE
	WALL MOUNTED LIGHT FIXTURE - REFER TO SCHEDULE
	EXIT LIGHT - CHEVRONS AS NOTED (BRACKET INDICATES WALL MOUNT)
	EMERGENCY BATTERY LIGHT (TYPE DENOTED)
	CEILING FAN WITH T-BAR SUPPORT (REFER TO DETAIL/SCHEDULE)
	POLE/WALL MOUNTED LIGHT (TYPE DENOTED)
	TRACK AND TRACK LIGHT (TYPES DENOTED)
	LIGHTING CHANNEL WIRE (TYPE DENOTED)
OS	OCCUPANCY SENSOR - CEILING MOUNT 360DEG INFRARED TYPE
OS	OCC SENSOR - CEILING MOUNT CORRIDOR ULTRASONIC TYPE (AIM DOWN CORRIDOR)
OS	OCC SENSOR - CEILING MOUNT 360DEG DUAL-TECHNOLOGY TYPE
OS	OCCUPANCY SENSOR - DIRECTIONAL DUAL-TECHNOLOGY TYPE
OS	OCC SENSOR - WALL MOUNT +8'-0"AFF UNO - SEE DETAIL
$OS	OCC SENSOR - FLUSH WALL SWITCH @ +48"AFF TO TOP OF SWITCH
LS	LIGHT LEVEL SENSOR - TYPE DENOTED
P	PHOTOCELL "PEC"
$T	DIGITAL TIMER SWITCH - FLUSH MOUNT @ +48"AFF TO TOP OF SWITCH
$	SWITCH - SINGLE POLE, 4'-0" A.F.F.
$2	TWO-POLE TOGGLE DISC. SWITCH-MTD AS NOTED
$3	SWITCH - THREE WAY, 4'-0" A.F.F.
$4	SWITCH - FOUR WAY, 4'-0" A.F.F.
$a $b $c	a,b,c INDICATES ZONE CONTROLLED, TYP.
$D	DIMMER - 4'-0" A.F.F. - TYPE AS NOTED/REQUIRED BY MANU' OF FIXTURE BEING CONTROLLED - SUBMIT WITH LIGHTING PACKAGE.
$LV	LOW VOLTAGE SWITCH - TYPE AS NOTED/SPECIFIED MOUNT BACKBOX AS REQ'D AT 4'-0" A.F.F. TO TOPWITH 3/4"C MIN. TO ABOVE ACCESSIBLE CEILING. [LVM - INDICATES "MASTER]
$K	INDICATES KEYED SWITCH
$F	VARIABLE SPEED CONTROLLER FOR CEILING FAN - 4'-0" A.F.F. REFER TO CEILING FAN SPECIFICATION FOR MODEL NUMBER.
	SW. W/PILOT
R	LIGHTING RELAY / LOW VOLTAGE CONTROL PACK
HEIGHT: [+48"AFF, IN REGARDS TO ALL LIGHTING SWITCHES, IS TO THE TOP OF BOX]	

SYMBOL	DESCRIPTION
	RECEPTACLE, DUPLEX - 18" A.F.F. UNLESS NOTED OTHERWISE.
	RECEPT ON EMERGENCY CKT (DUPLEX SHOWN)
	RECEPTACLE, DUPLEX "SPLIT-WIRED" AT 18"A.F.F. - U.N.O.
	ISOLATED GROUND RECEPT (DUPLEX SHOWN)
	RECEPTACLE, DUPLEX - CEILING FLUSH MOUNT. PROVIDE 6FT WHIP FROM J-BOX ABOVE CEILING TO RECEPTACLE LOCATION.
	SPECIAL PURPOSE OUTLET
	CONDUIT COUPLING - CONNECT TO EQUIPMENT AS REQUIRED.
/	INDICATES ABOVE COUNTER [TYPICIALLY, +6" TO BOTTOM OF BOX FROM COUNTERTOP HEIGHT - U.N.O.]
	RECEPTACLE (DOUBLE DUPLEX) - 18" A.F.F. - U.N.O.
	SPECIAL RECEPTACLE, NEMA STYLE AS NOTED - VERIFY SIZE WITH EQUIPMENT [TYPICALLY, +18" AFF - U.N.O.]
/	DUPLEX/QUAD RECPT IN FLUSH MOUNTED FLOORBOX, SEE PLANS FOR COOR'D WITH SYSTEMS FLOOR BOX(ES) [MULTI-GANG WALKER RFB6-OG SERIES - U.N.O.]
	RECEPT ON DROP CORD (DUPLEX SHOWN)
	RECEPT ON CORD REEL (DUPLEX SHOWN)
	240 VOLT RECEPT (TYPE AS NOTED)
HEIGHT:	[+18", IN REGARDS TO RECEPTACLES, IS TO THE CENTERLINE OF BOX]
$M	MANUAL MOTOR STARTER, SQUARE 'D' TYPE FG w/ OVERLOAD PROTECTION IN ALL PHASES. MOUNT AT 4'-0" A.F.F. TO TOP AND MARK WITH BAKELITE LABEL AS DETAILED.
	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH W/HOA SWITCH, RUN PILOT LIGHT AND AUX. CONTACTS
	FUSED DISCONNECT - w/GROUNDING LUG, SIZE/FUSE AS NOTED ON PLANS
	DISCONNECT SWITCH - w/GROUNDING LUG, SIZE AS NOTED ON PLANS
	ENCLOSED CIRCUIT BREAKER
	ELECTRIC ELEMENT - SIZE AS NOTED (MAKE ALL FINAL CONNECTIONS)
	EQUIPMENT - SIZE AS NOTED ON PLANS (MAKE ALL FINAL CONNECTIONS)
	MOTOR - SIZE AS NOTED ON PLANS (MAKE ALL FINAL CONNECTIONS)
	SURFACE MOUNTED PANEL BOARD
	FLUSH MOUNTED PANEL BOARD
	PUSHBUTTON - TYPE AS INDICATED ON PLANS.
	METER SOCKET - AS REQ'D BY UTILITY
	GROUND ROD
	GROUND ROD (PLAN VIEW)
	ANTENNA
	POWER POLE
T	TELEPHONE PEDESTAL
	LIGHTNING PROTECTION AIR TERMINAL

SYMBOL	DESCRIPTION
F	INTERIOR: FIRE ALARM HORN/SPKR - MTD. AT 80" A.F.F. TO BOTTOM - U.N.O. EXTERIOR: RE-ENTRANT HORN/SPKR - 24" BELOW ROOF LINE, U.N.O. (11'-6" MAX. HGT.).
F	FIRE ALARM, STROBE ONLY, 80" A.F.F.
F	FIRE ALARM, SPKR / STROBE COMBINATION, 80" A.F.F.
F	FIRE ALARM STATION - PULL STATION, 4'-0" A.F.F.
TS /	WATER SUPERVISORY TAMPER SWITCH
DH /	MAGNETIC DOOR HOLD OPEN - TYPE AS NOTED IN FIRE ALARM GENERAL NOTES/SPECIFICATIONS.
S	SD - SMOKE DETECTOR - AUTOMATIC, ADDRESSABLE, CEILING MOUNTED
	HD - HEAT DETECTOR - AUTOMATIC, ADDRESSABLE, CEILING MOUNTED
S	'DSD' DENOTES DUCT SMOKE DETECTOR (SUP=SUPPLY/RET=RETURN)
F	FIRE ALARM, STROBE ONLY, CEILING MOUNT FA NOTES: "cd"= CANDELA RATING
FA /	FA, CEILING SPKR / STROBE COMBINATION
FA / FA	FA, CEILING SPEAKER ONLY
FS /	WATER SUPERVISORY FLOW SWITCH
	REMOTE TEST/STATUS STATION
FR /	INDICATES FA ADDRESSABLE RELAY
HEIGHT:	[+48", IN REGARDS TO FIRE ALARM, IS TO THE TOP OF BOX] [+80", IN REGARDS TO FIRE ALARM, IS TO THE BOTTOM OF BOX]
	CATV COAX OUTLET - MOUNT AT HEIGHT NOTED (F-CONNECTOR)
	VOICE/TELEPHONE JACK OUTLET @ 18" A.F.F.
	DATA/COMPUTER JACK OUTLET @ 18" A.F.F.
	COMPUTER/TELE. COMBO OUTLET @ 18" A.F.F.
/	WIRELESS ACCESS POINT - CEILING
	FLUSH MOUNTED FLOOR BOX. SEE PLANS FOR COOR'D WITH POWER FLOOR BOX(ES) TELE/DATA OR COMBO AS INDICATED (MULTI-GANG WALKER RFB6-OG - U.N.O.)
TV	COMBINATION RECEPTACLE AND LOW-VOLTAGE "AV" CABLING IN MULTI-GANG BOX MOUNT AT HEIGHT NOTED/DETAILED ON RISER
	TELECOM TERMINAL BOARD: 4'FTx8'FTx3/4" FIRE-RATED PLYWOOD - U.N.O.
	CABLE TRAY - TYPE AND MOUNTING AS DETAILED
HEIGHTS:	[IN REGARDS TO TELECOM, MATCH RECEPTACLE +18"AFF / "AC" IS +6" COUNTERTOP]

SYMBOL	DESCRIPTION
	BELL - MTD. AT 12" BELOW CEILING INTERIOR, 24" BELOW ROOFLINE EXTERIOR(11'-6" MAX. HGT.).
	DOOR BUZZER
	DIGITAL CLOCK-MTD. AT 12" BELOW CEILING INTERIOR, (11'-6" MAX. HGT.) PROVIDE DOUBLE-FACE U.N.O. / ("S") INDICATES SINGLE-FACE
I / IC	INTERCOM CALL-SWITCH, 4'-0" A.F.F. TO TOP OF BOX
IC	INTERCOM TWO-WAY TELEPHONE HANDSET, MOUNT 4'-0" A.F.F. TO TOP OF BOX WHERE SHOWN AS WALL-MOUNT. ["ADMIN" INDICATES ADMINISTRATIVE TELEPHONE)
S / S	SPEAKER - CEILING MOUNTED 8" ROUND / 2x2 AS SPEC'D INTERCOM/PAGING U.N.O. [RN INDICATES SOUND REINFORCE, FA - FIRE, AV- AUDIO/VISUAL]
S	SPEAKER - WALL MOUNTED 12" BELOW CEILING INTERIOR, (11'-6" MAX. HGT.) ARCHITECTURAL GRADE
S	LOUDSPEAKER/HORN - MOUNT AT HEIGHT NOTED (11'-6" MAX UNO)
	VOLUME CONTROL
MIC / M	MICROPHONE OUTLET
HEIGHT:	[+48", IN REGARDS TO INTERCOM, IS TO THE TOP OF BOX]
K /	KEYPAD - INTRUS.
D / MC	MAGNETIC CONTACT(SECURITY)
EM	ELECTROMAGNETIC LOCK - ACCESS CONTROL
PIR	PIR SENSOR FOR DOOR RELEASE
PS	SECURITY/DOOR POWER SUPPLY
PH	ELECT POWER TRANSFER HINGE
PANIC	PANIC HARDWARE DOOR RELEASE
CR	CARD READER - ACCESS
EX	EXIT REQUEST BUTTON - ACCESS CONTROL
RC	READER CONTROLLER
PB	DOOR RELEASE PB / TWO-WAY INTERCOM
MD / GB	MOTION DETECTOR / GLASS BREAK
ES	ELECTRIC DOOR STRIKE /
EL	ELECTRIC LATCH
	CEILING CAMERA - CCTV
	WALL CAMERA - CCTV
HEIGHT:	[IN REGARDS TO SECURITY, +48"AFF IS TO TOP OF BOX - UNO]

SYMBOL	DESCRIPTION
TS / T	THERMOSTAT/TEMP SENSOR - PROVIDE BOX AS REQ'D BY MECHANICAL AT 4'-0" A.F.F. TO TOP WITH 54"C MIN. TO ABOVE ACCESSIBLE CEILING. [SEE MECH PLANS FOR LOCATIONS]
	MULTIOUTLET ASSEMBLY (TYPE DENOTED)
	SOLENOID VALVE
J	JUNCTION BOX - FINAL CONNECTION TO EQUIPMENT AS REQUIRED
J	EQUIPMENT J-BOX - TYPE AS SHOWNNOTED - CONNECT TO EQUIPMENT AS REQUIRED
	WIRE DESIGNATIONS - HOT, SWITCH, NEUTRAL, GROUND, ISOLATED GROUND, RESPECTIVELY.
	WIRE IN CONDUIT-CEILING OR WALL
	HOMERUN TO PANEL
	CONDUIT STUB/SLEEVE
	WEATHERHEAD - SIZE AS NOTED ON PLANS
	WIRE IN CONDUIT - UNDERFLOOR. (SEE REQ'S IN SPECS)

ABBREVIATIONS:
WP - WEATHERPROOF (3R)
NS - NON-SWITCHED
EM - INDICATES EMERGENCY EGRESS FIXTURE
TC - TIME CLOCK
LC - LIGHTING CONTACTOR
FA - FIRE ALARM
EWC - ELECTRIC WATER COOLER(GFI BREAKER)
U.N.O. - UNLESS NOTED OTHERWISE
ER - EXISTING RELOCATED
WG - WIRE PROTECTIVE GUARD
1G/1G - SINGLE GANG BOX / SINGLE GANG RING
" - DASHED INDICATES EXISTING OR BELOW GRADE AS NOTED
AC - ABOVE COUNTER
HP - HORSEPOWER
C - CONDUIT ("EMT" OR "RIGID" AS SPECIFIED)
PVC - ELECT GRADE PVC CONDUIT (SCH. AS NOTED)
WM - SURFACE MOUNTED RACEWAY (WIREMOLD)
AV - INDICATES AUDIO/VISUAL DEVICE
SB - INDICATES INTERACTIVE DISPLAY BOARD
A.F.F. - INDICATES ABOVE FINISHED FLOOR
A.F.G. - INDICATES ABOVE FINISHED GRADE
B.F.G. - INDICATES BELOW FINISHED GRADE
F.D.S. - FUSIBLE DISCONNECT SWITCH
N.F.D.S. - NON-FUSIBLE DISCONNECT SWITCH

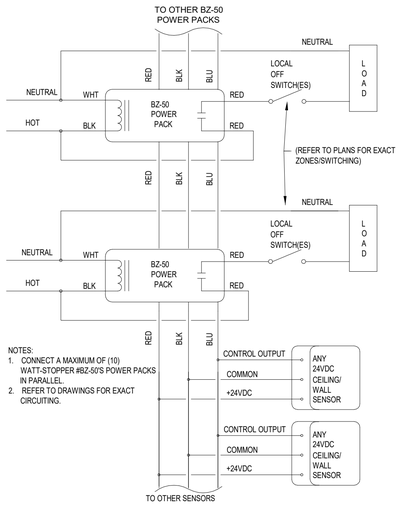
RECEPTACLES
GFCI INDICATES GROUND FAULT CIRCUIT INTERRUPTER TYPE
CLG INDICATES CEILING
T INDICATES TAMPER-RESISTANT TYPE
U INDICATES DUPLEX POWER WITH "USB" OUTLETS
IG INDICATES ISOLATED GROUND TYPE
(PROVIDE SEPARATE NEUTRALS/GROUNDS ON ALL "IG" CIRCUITS)

EOHE	EXISTING OVERHEAD ELECTRICAL
EUGE	EXISTING UNDERGROUND ELECTRICAL
OHE	OVERHEAD ELECTRICAL
UGE	UNDERGROUND ELECTRICAL
UGT	UNDERGROUND TELEPHONE
UTV	UNDERGROUND CABLE (TELEVISION)
UFO	UNDERGROUND FIBER OPTIC
UC	UNDERGROUND SYSTEMS CONDUIT
X X X	INDICATES UTILITY TO BE REMOVED
(P) - (S)	(P-INDICATES PRIMARY; S-INDICATES SECONDARY)

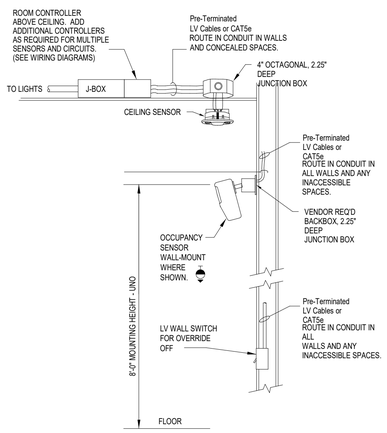
MINIMUM WIRING NOTES

WHETHER SHOWN OR NOT - THE CONTRACTOR SHALL PROVIDE THE MINIMUM WIRE NOTED BELOW FOR ALL EQUIPMENT CONNECTIONS:

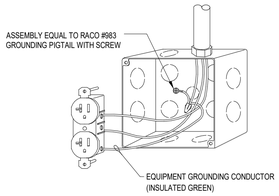
MOCP/BREAKER:	WIRE:
20A	#12AWG
25A-30A	#10AWG
35A-40A	# 8AWG
45A-55A	# 6AWG
55A-70A	# 4AWG
70A-85A	# 3AWG
85A-100A	# 2AWG



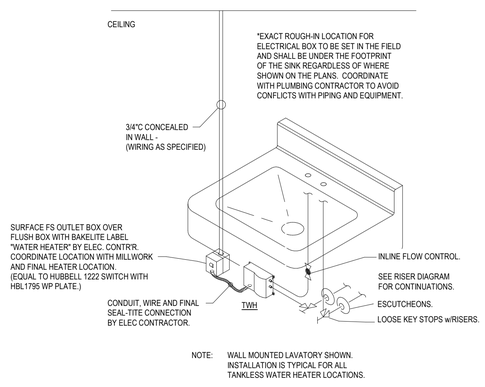
5 E2.1 OCC SENSOR DETAIL
NOT TO SCALE



6 E2.1 OCC SENSOR MOUNT GENERAL
NOT TO SCALE



8 E2.1 RECEPTACLE GROUND DETAIL
NOT TO SCALE



NOTE: WALL MOUNTED LAVATORY SHOWN. INSTALLATION IS TYPICAL FOR ALL TANKLESS WATER HEATER LOCATIONS.

4 E2.1 TWH CONNECTION
NOT TO SCALE

LEWIS ARCHITECTS ENGINEERS
ELLIOTT • MCMORRAN • VADEN
RAGSDALE • WOODWARD • INCORPORATED
501 223 9302 • WWW.LEMVRW.COM

RESTROOM FACILITY
SAU TECH
CAMDEN, ARKANSAS

CERTIFICATE OF AUTHORIZATION
LEWIS ARCHITECTS ENGINEERS
No. 186
ARKANSAS ENGINEER

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 11659
SCOTT L. WOODWARD

DATE: 2025 03-17
PROJECT NO: 24093
DRAWN BY: SW/ML
REV:

E2.1