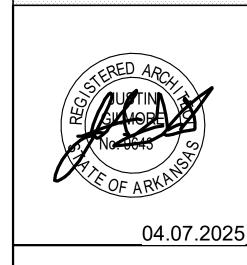
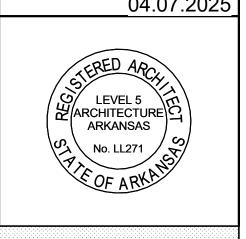
# ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802







PROJECT INFORMATION:

ARVAC, INC MEDICAL **DETOX AND** CAMPUS **IMPROVEMENTS** 

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 04.07.2025 ISSUE DATE: **REVISIONS:** 

SHEET NAME:

**ENGINEERS** 

801 N. 24<sup>th</sup> Street | Rogers, AR 72756

**COVER SHEET** 

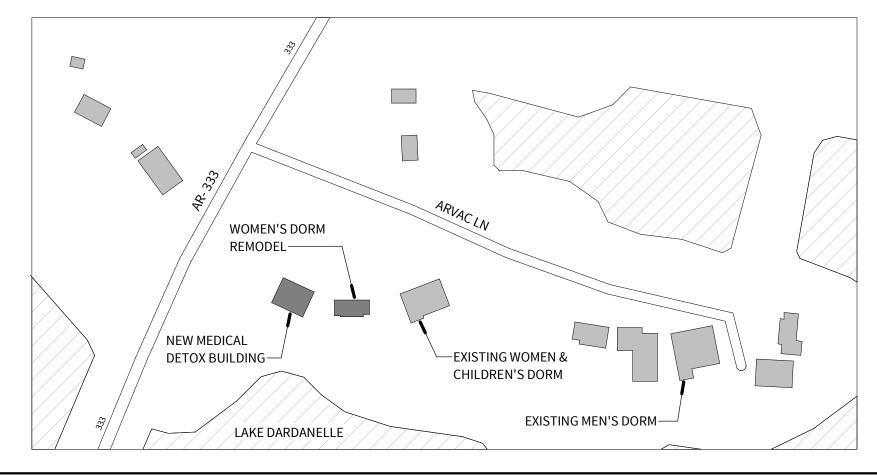
SHEET NUMBER:







#### PROJECT INFORMATION NUMBER: ISSUE DATE: 04.07.2025 23-20A PERMITTING AND BIDDING STATUS: ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS PROJECT NAME: ADDRESS: 65 ARVAC LN RUSSELLVILLE, AR 72802 BUILDING NAME: INPUT BUILDING NAME **CLIENT NAME:** ARVAC, INC. DESCRIPTION: AN APPROX 4,100 SF GROUND UP DETOX TREATMENT FACILITY, APPROX. 4,750 SQ. FT. REMODEL OF EXISTING ADMISSIONS BUILDING TO A WOMEN'S DORM



#### APPLICABLE CODES & STANDARDS

2021 ARKANSAS FIRE PREVENTION CODE (2021 IBC w/ AMENDMENTS)

2021 ARKANSAS STATE MECHANICAL CODE

2020 NATIONAL ELECTRICAL CODE 2018 ARKANSAS STATE PLUMBING CODE

2018 ARKANSAS STATE FUEL GAS CODE

2017 ANSI A117.1 2014 ARKANSAS ENERGY CODE (2009 IECC)

2009 ICC A117.1 ACCESSIBLE AND USABLE BUILDING & FACILITIES

INTERNATIONAL E	NERGY CODE CLASSIFICATION	FIRE RESISTANT CONSTRUCTION
COUNTY:	POPE COUNTY	STRUCTURAL FRAMING: 0 HR
PROPERTY ZONE:	CITY OF LONDON	EXTERIOR BEARING WALLS: 0 HR
CLIMATE ZONE:	CLIMATE ZONE 3	INTERIOR BEARING WALLS: 0 HR
MIN. ROOF R-VALUE:	ATTIC = R-38	INTERIOR NON-BEARING WALLS: 0 HR
MIN. EXT. STUD WALL	WOOD FRAMED = R-21	FLOOR CONSTRUCTION: 0 HR
R-VALUE:		ROOF CONSTRUCTION: 0 HR

ALLOWABLE BUILDIN	NG AREA & HE	EIGHT - MEDI	CAL DETOX BUILDING			
CONSTRUCTION TYPE:	TYPE V-B; UNPR	YPE V-B; UNPROTECTED WOOD CONSTRUCTION w/ AUTOMATIC SPRINKLER SYSTEM				
OCCUPANCY CLASSIFICATION	ACTUAL	ALLOWABLE	REMARKS			
I-1:CONDITION 1	4,107 SF		PER TABLE 506.2			
BUILDING HEIGHT						
IN FEET	16' - 3 1/4"	60' - 0"	PER TABLE 504.3			
IN STORIES	1	3	PER TABLE 504.4			
ALLOWABLE BUILDI	NG AREA & H	EIGHT - WOM	EN'S DORM			
CONSTRUCTION TYPE:	TYPE V-B; UNPR	OTECTED WOOD	CONSTRUCTION w/ AUTOMATIC SPRINKLER SYSTEM (13R)			
OCCUPANCY CLASSIFICATION:	ACTUAL	ALLOWABLE	REMARKS			
I-1; CONDITION 1	4, 875 SF	18,000 SF	PER TABLE 506.2			
BUILDING HEIGHT						
IN FEET	25' - 9"	60' - 0"	PER TABLE 504.3			
IN STORIES	2	3	PER TABLE 504.4			

DWR.

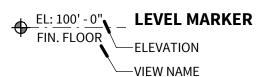
DRAWER

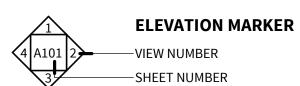
ABBREVIATIONS				
Α	E	K	Р	T
A/C AIR CONDITIONER ADD. ADDITION A.F.F. ABOVE FINISHED FLOOR A.H.U. AIR HANDLER UNIT ALUM. ALUMINUM AMP AMPERAGE APPROX. APPROXIMATELY APT. APARTMENT ARCH. ARCHITECTURAL AVE. AVENUE AVG. AVERAGE	E EAST EA. EACH E.J. EXPANSION JOINT ELEC. ELECTRICAL ELEV. ELEVATOR ENGR. ENGINEER EQ. EQUAL EQPM. EQUIPMENT E.W. EACH WAY	KIT. KITCHEN K.W. KILOWATT  LAB. LABORATORY LAV. LAVATORY LB. POUNDS LGTH. LENGTH LIB. LIBRARY LIN. FT. LINEAR FEET LT. LIGHT	PED. PEDESTAL PERF. PERFORATED PERP. PERPENDICULAR P. LAM. PLASTIC LAMINATE PLUMB. PLUMBING PLYWD. PLYWOOD PNL.(S) PANEL(S) PR. PAIR PREFAB. PREFABRICATED PREFIN. PREFINISHED PROP. PROPERTY P.S.I. POUNDS PER SQUARE INCH	T.A.S. TEXAS ACCESSIBILITY STANDARD TEMP. TEMPERATURE THK. THICK TLT. TOILET T.O. TOP OF T.S. TUBE STEEL T-STAT THERMOSTAT TYP. TYPICAL T&B TOP AND BOTTOM T&G TONGUE AND GROOVE
BSMT. BASEMENT BRD. BOARD B.O. BOTTOM OF BTWN. BETWEEN BLDG. BUILDING BLKG. BLOCKING	FAB. FABRICATED  F.D. FLOOR DRAIN  F.E. FIRE EXTINGUISHER  F.H. FIRE HYDRANT OR FIRE HOSE  FIN. FINISH(ED)  FLR. FLOOR(ING)  FNDN FOUNDATION  FRMG. FRAMING	LTR.(S) LETTER(S) LVR. LOUVER  MATL. MATERIAL MAX. MAXIMUM M.D.F. MULTI DENSITY FIBER BOARD	PT. POINT PTN. PARTITION  Q  QTY. QUANTITY  R	UTL. UTILITY U.N.O. UNLESS NOTED OTHERWISE  VERT. VERTICAL V.I.F. VERIFY IN FIELD
BLVD. BOULEVARD BTM. BOTTOM B.T.U. BRITISH THERMAL UNIT B.W. BOTH WAYS	FTG. FOOTING FURN. FURNITURE FXTR. FIXTURE	MDL. MIDDLE  MECH. MECHANICAL  MED. MEDICINE OR MEDICAL  MEZZ. MEZZANINE  MFD. MANUFACTURED	R RADIUS R.C.P. REFLECTED CEILING PLAN RD. ROAD RDR. READER	W WEST W/ WITH
CAB.(S) CABINET(S) CHK. CHECK C.I. CAST IRON CIR. CIRCLE C.J. CONSTRUCTION JOINT CLG. CEILING CLO. CLOSET CLMN. COLUMN CLR. CLEAR C.M. CONSTRUCTION MANAGER C.M. CONCRETE MASONRY UNIT	GA. GAUGE GALV. GALVANIZED G.C. GENERAL CONTRACTOR G.I. GALVANIZED IRON GOVT. GOVERNMENT GRD. GRADE GYP. GYPSUM  H.B. HOSE BIB	MFG. MANUFACTURING MFR. MANUFACTURER MIN. MINIMUM MISC. MISCELLANEOUS MLWK. MILLWORK MTD. MOUNTED MTL. METAL  N NORTH NATL. NATIONAL	RDWD. REDWOOD RECP. RECEPTACLE RE: REFERENCE REFR. REFRIGERATOR REG. REGISTER REINF. REINFORCED REQ.'D REQUIRED RESIL. RESILIENT REV. REVISION R.F.I. REQUEST FOR INFORMATION RM. ROOM R.O. ROUGH OPENING R.T.U. ROOF TOP UNIT	W.C. WATER CLOSET WD. WOOD WDW. WINDOW W.I. WROUGHT IRON W.L. WIND LOAD W/O WITH OUT W.P. WEATHER PROOF W.S. WATERSTOP WT. WEIGHT W.W.F. WELDED WIRE MESH (FABRIC)
C.O. CASED OPENING CONC. CONCRETE CONST. CONSTRUCTION CONT. CONTINUOUS CPT. CARPET C.U. CONDENSING UNIT	H.C. HANDICAPPED HD. HEAD HDR. HEADER HDW. HARDWARE HDWD. HARDWOOD H.M. HOLLOW METAL HORIZ. HORIZONTAL	N.E.C. NATIONAL ELECTRIC CODE  N.I.C. NOT IN CONTRACT  NO. NUMBER  NOM. NOMINAL  N.T.S. NOT TO SCALE	S SOUTH SECT. SECTION SGL. SINGLE	X.B. X-BRACING  MISC.  & AND @ AT
DBL. DOUBLE DEPT. DEPARTMENT D.F. DRINKING FOUNTAIN D.H. DOUBLE HUNG DIA. DIAMETER DIM. DIMENSION DIST. DISTANCE DIV. DIVISION DN. DOWN DR. DOWN DR. DOOR D.S. DOWNSPOUT DTL. DETAIL D.W. DISHWASHER DWG.(S) DRAWING(S)	H.P. HORSE POWER HT. HEIGHT HTR. HEATER H.V.A.C. HEATING, VENTILATION & AIR CONDITIONING H.W. HOT WATER  INFO. INFORMATION INSUL. INSULATION INT. INTERIOR  J  JAN. JANITOR(S)	O.C. ON CENTER O.H. OPPOSITE HAND OPG.(S) OPENING(S) OPP. OPPOSITE OPR. OPERABLE ORNA. ORNAMENTAL OVHD. OVERHEAD	SHWR. SHOWER SIM. SIMILAR S.J. SAW JOINT SPEC. SPECIFY SPECS. SPECIFICATIONS SQ. SQUARE SQ. FT. SQUARE FOOT S.S. STAINLESS STEEL STD. STANDARD STL. STEEL STRFR. STORE FRONT STRUCT.('L) STRUCTURE(AL) SURF. SURFACE SUSP. SUSPENDED SWR. SEWER SYMB. SYMBOL SYS. SYSTEM	\$ DOLLAR(S) % PERCENT(AGE) +/- PLUS/MINUS TOLERANCE # POUNDS

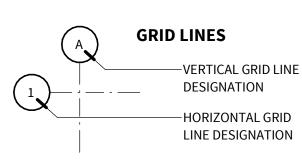
#### SYMBOL LEGEND



**VIEW TITLE** -VIEW NAME & SCALE -VIEW NUMBER -NORTH ARROW







**SPOT ELEVATION** 

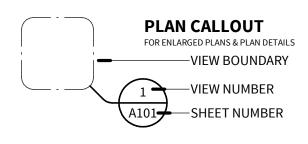
**DOOR TAG** 

-DOOR NUMBER

PARTITION TAG

**WINDOW TAG** 

-PARTITION TYPE DESIGNATION





REVISION CLOUD REVISION NUMBER **CLOUD BOUNDARY** 



**PROPERTY SYMBOL** 

-PROPERTY CORNER DESIGNATION

-ACCESSORY TYPE DESIGNATION

-EQUIPMENT TYPE DESIGNATION

**SECTION MARKER** 

-VIEW NUMBER

-SHEET NUMBER



**ACCESSORY TAG** 



**EQUIPMENT TAG** 



**FINISH TAG** -MATERIAL/FINISH DESIGNATION

### GENERAL PROJECT NOTES

- 1. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE MUNICIPALITY & ORDINANCES AS WELLS AS ALL APPLICABLE LOCAL, STATE & FEDERAL CODES. WORK SHALL BE DONE IN A WORKMAN LIKE MANNER AS PER STANDARD BUILDING TECHNIQUES & PRACTICES
- 2. G.C. OR C.M. IS RESPONSIBLE FOR ALL SAFETY CONDITIONS RELATING TO JOB CONSTRUCTION & ASSURE PROTECTION FOR ANY ADJACENT OCCUPANCIES
  - 3. G.C. OR C.M. IS TO VISIT THE SITE AND CAREFULLY INSPECT THE EXISTING CONDITIONS. ANY DISCREPANCIES BETWEEN THE DRAWINGS & EXISTING CONDITIONS MUST BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO COMMENCING WORK
  - 4. G.C. OR C.M. TO COORDINATE THE ACTIVITIES OF ALL CONSTRUCTION TEAM MEMBERS INCLUDING, BUT NOT LIMITED TO, ALL SUBCONTRACTORS, EQUIPMENT SUPPLIERS, SERVICE PROVIDERS, LOCAL CODE ENFORCEMENT OFFICIALS & JOB VALIDATION INSPECTORS
  - WORK INDICATED ON A SHEET OF A SPECIFIC DISCIPLINE IS NOT A DETERMINATION OF THE SEPARATION OF WORK BY THE CONTRACTOR & SUBCONTRACTORS. THE G.C. OR C.M. IS RESPONSIBLE FOR SEPARATION OF WORK NOT SPECIFICALLY DESIGNATED BY THE PLANS OR SPECIFICATIONS
  - ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR & ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT. ALL DIMENSIONS ARE FROM THE FACE OF STUDS, C.M.U. OR CONCRETE & DOES NOT INCLUDE ANY FINISH MATERIAL. EXTERIOR DIMENSIONS ARE FROM THE STEEL LINE AND DOES NOT INCLUDE ANY EXTERIOR FINISH
  - DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT PRIOR TO CONTINUING WITH CONSTRUCTION
  - 8. G.C. OR C.M. IS RESPONSIBLE FOR DIRECTING THE LOCATION OF ALL BLOCKING REQUIRED FOR ALL WALL HUNG CABINETS, COUNTERTOPS, SHELVES, PLUMBING FIXTURES, DISPLAY BOARDS, ETC. & TO ENSURE ADEQUATE SUPPORT. COORDINATE WITH ARCHITECT AND/OR OWNER
- 9. PROVIDE FIRE EXTINGUISHERS PER NFPA-10 AND COORDINATE WITH LOCAL BUILDING AND/OR FIRE OFFICIALS UNLESS SPECIFICALLY SHOWN ON DRAWINGS
- 10. ALL PENETRATIONS (PIPING, CONDUIT, DUCTWORK, ETC.) THRU THE ROOF DECK SHALL BE COMPLETELY SEALED. LARGE OPENING SHALL BE SEALED WITH METAL LATH OR THIS NOTE DOES NOT APPLY TO SHAFTS PROTECTED BY CONTINUOUS FIRE RESISTANT PARTITIONS
- 11. ALL TRADES ARE RESPONSIBLE FOR THEIR OWN FIRE CAULKING (IF APPLICABLE)
- 12. ALL FINAL COLORS ARE TO BE SELECTED BY THE ARCHITECT. ALL COLORS SHOULD BE SUBMITTED TO THE G.C. OR C.M. FOR ARCHITECT'S APPROVAL
- 13. ALL QUESTIONS SHALL BE SUBMITTED TO THE ARCHITECT'S OFFICE THROUGH THE APPROPRIATE REQUEST FOR INFORMATION FOR (RFI) PROVIDED BY THE ARCHITECT'S OFFICE

SHEET REV DATE SHEET

# REVISION DESCRIPTIONS

MECHANICAL PLAN - MEDICAL DETOX

FIRE SUPRESSION AND ALARM PLAN -

FIRE SUPRESSION AND ALARM PLAN

MEDICAL DETOX

WOMEN'S DORM

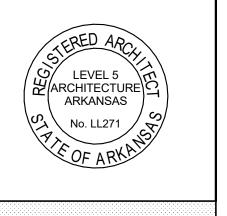
F-202

Level 5 Architecture

Mansfield, TX | Springdale, AR

level5architecture.com

04.07.2025



PROJECT INFORMATION:

ARVAC, INC MEDICAL **DETOX AND** CAMPUS **IMPROVEMENTS** 

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 04.07.2025 ISSUE DATE: **REVISIONS:** 

SHEET NAME:

**GENERAL PROJECT** INFORMATION

SHEET NUMBER:

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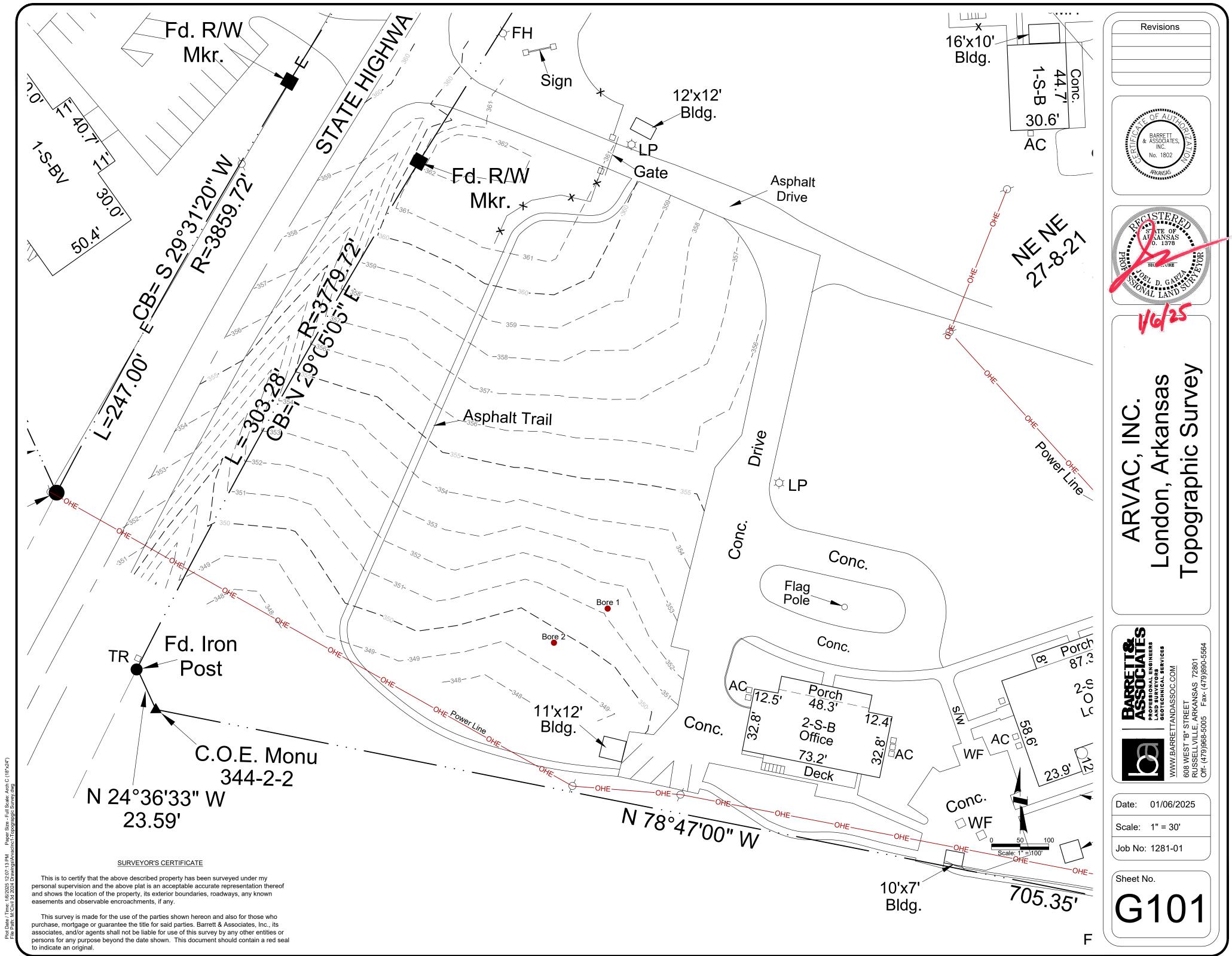
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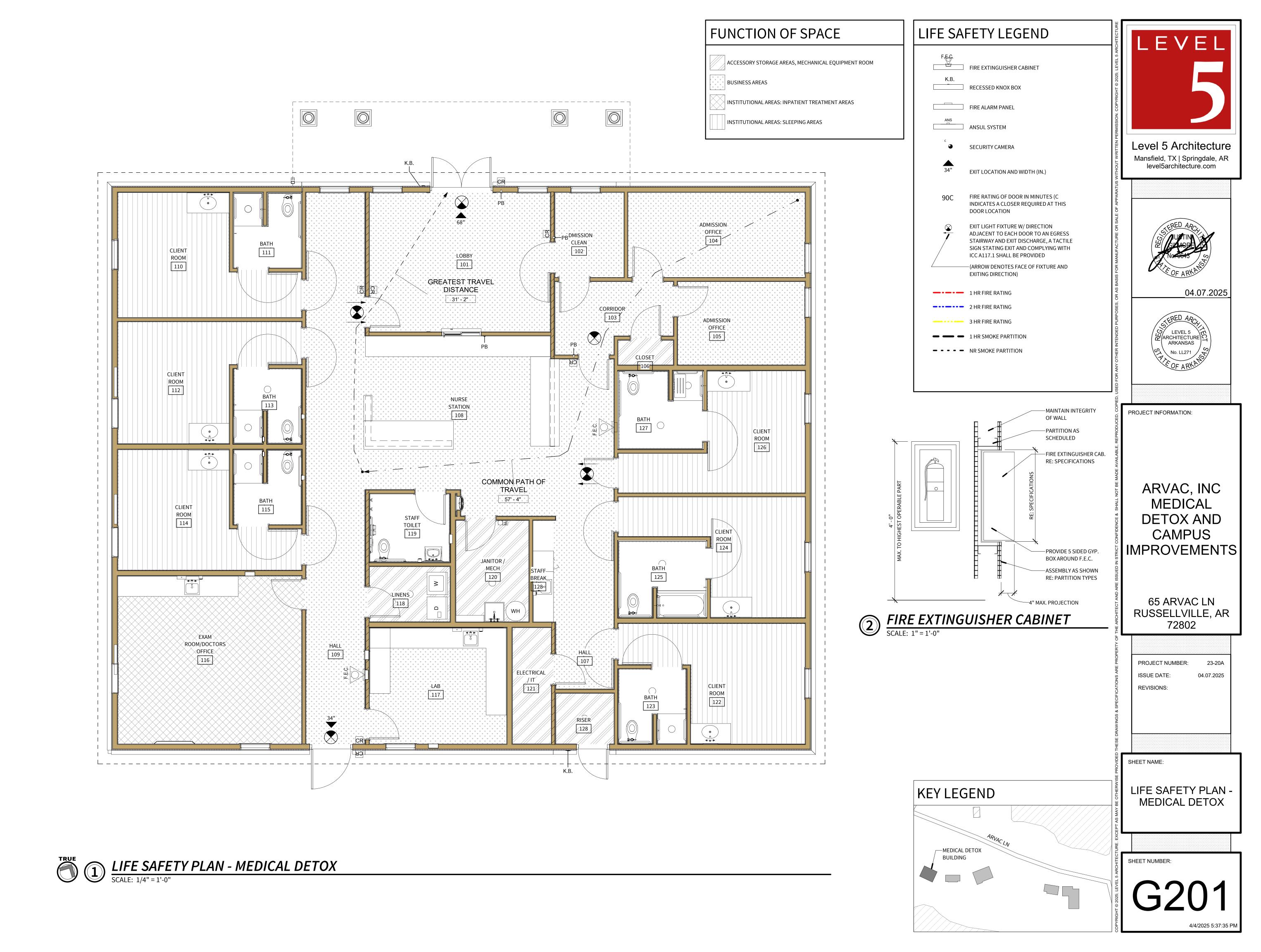
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C102			UTILITY PLAN
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しちひま			IDETAILS
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C502	TURAL	(MEDICAL D	DETAILS
C502	TURAL	(MEDICAL D	DETAILS ETOX ONLY)
C502 03 STRUC	TURAL	(MEDICAL D	DETAILS ETOX ONLY)
C502 03 STRUC	TURAL	(MEDICAL D	DETAILS  ETOX ONLY)  GENERAL NOTES, SCHEDULES & TYPE
C502  03 STRUC  S101	CTURAL	(MEDICAL D	DETAILS  ETOX ONLY)  GENERAL NOTES, SCHEDULES & TYPE DETAILS
C502  03 STRUC  S101  S201	TURAL	(MEDICAL D	DETAILS  ETOX ONLY)  GENERAL NOTES, SCHEDULES & TYPE DETAILS FOUNDATION PLAN
C502  03 STRUC  S101  S201  S301	CTURAL	(MEDICAL D	DETAILS  ETOX ONLY)  GENERAL NOTES, SCHEDULES & TYPE DETAILS  FOUNDATION PLAN  FOUNDATION DETAILS
C502  03 STRUC  S101  S201  S301  S401	TURAL	(MEDICAL D	DETAILS  ETOX ONLY)  GENERAL NOTES, SCHEDULES & TYPE DETAILS  FOUNDATION PLAN  FOUNDATION DETAILS  ROOF FRAMING PLAN
C502  03 STRUC  S101  S201  S301  S401  S402	TURAL	(MEDICAL D	DETAILS  ETOX ONLY)  GENERAL NOTES, SCHEDULES & TYPE DETAILS  FOUNDATION PLAN  FOUNDATION DETAILS  ROOF FRAMING PLAN  HEADER PLAN
C502  03 STRUC  S101  S201  S301  S401  S402  S501	TURAL	(MEDICAL D	DETAILS  ETOX ONLY)  GENERAL NOTES, SCHEDULES & TYPE DETAILS  FOUNDATION PLAN  FOUNDATION DETAILS  ROOF FRAMING PLAN  HEADER PLAN  FRAMING DETAILS
C502  03 STRUC  S101  S201  S301  S401  S402  S501  S502	TURAL	(MEDICAL D	DETAILS  ETOX ONLY)  GENERAL NOTES, SCHEDULES & TYPE DETAILS  FOUNDATION PLAN  FOUNDATION DETAILS  ROOF FRAMING PLAN  HEADER PLAN  FRAMING DETAILS  FRAMING DETAILS
C502  03 STRUC  S101  S201  S301  S401  S402  S501  S502  S601			DETAILS  ETOX ONLY)  GENERAL NOTES, SCHEDULES & TYPE DETAILS  FOUNDATION PLAN  FOUNDATION DETAILS  ROOF FRAMING PLAN  HEADER PLAN  FRAMING DETAILS  FRAMING DETAILS
C502  03 STRUC  S101  S201  S301  S401  S402  S501  S502  S601			DETAILS  ETOX ONLY)  GENERAL NOTES, SCHEDULES & TYPE DETAILS  FOUNDATION PLAN  FOUNDATION DETAILS  ROOF FRAMING PLAN  HEADER PLAN  FRAMING DETAILS  FRAMING DETAILS  TRUSS DIAGRAM
C502  03 STRUC  S101  S201  S301  S401  S402  S501  S502  S601  04 DEMOI			DETAILS  ETOX ONLY)  GENERAL NOTES, SCHEDULES & TYPE DETAILS  FOUNDATION PLAN  FOUNDATION DETAILS  ROOF FRAMING PLAN  HEADER PLAN  FRAMING DETAILS  FRAMING DETAILS  TRUSS DIAGRAM

SHEET	REV	DATE	SHEET
05 ARCHIT	ECTUR	AL	
A101			ARCHITECTURAL SITE PLAN
A102			SITE DETAILS
A201			REFERENCE PLAN - MEDICAL DETOX
A202			FLOOR PLAN - WOMEN'S DORM LEVI
A203			FLOOR PLAN - WOMEN'S DORM LEV
A204			DIMENSION PLAN - MEDICAL DETOX
A205			CEILING PLAN - MEDICAL DETOX
A206			CEILING PLAN - WOMEN'S DORM LE
A207			CEILING PLAN - WOMEN'S DORM LE
A208			ROOF PLAN - MEDICAL DETOX
A301			DOOR & WINDOW SCHEDULES -
			MEDICAL DETOX BUILDING
A302			DOOR & WINDOW SCHEDULES -
			WOMEN'S DORM
A303			HEAD, JAMB & SILL DETAILS
A304			HEAD, JAMB & SILL DETAILS
A401			EXTERIOR ELEVATIONS
A402			EXTERIOR ELEVATIONS
A403			BUILDING SECTIONS
A404			WALL SECTIONS
A405			WALL SECTIONS
A406			PARTITION TYPES
A601			INTERIOR ELEVATIONS
A602			INTERIOR ELEVATIONS
A603			MILLWORK SECTIONS
A901			SECTION DETAILS

A602	INTERIOR ELEVATIONS
A603	MILLWORK SECTIONS
A901	SECTION DETAILS
06 INTERIORS	
Q201	FINISH FLOOR PLAN - MEDICAL DETOX
	BUILDING
Q202	FINISH FLOOR PLAN - LEVEL 1 -
	WOMEN'S DORM
Q203	FINISH FLOOR PLAN - LEVEL 2 -
	WOMEN'S DORM
Q204	EQUIPMENT PLAN - MEDICAL DETOX
	BUILDING
Q205	FURNITURE PLAN - MEDICAL DETOX
	BUILDING
Q301	FINISH SCHEDULE

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E-202	POWER PLAN - MEDICAL DETOX
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E-204	POWER PLAN - WOMEN'S DORM
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E-602	ELECTRICAL SCHEDULES & RISER - WOMEN'S DORM
E-603	GENERATOR ADDITION - MEN'S DORM
E-604	GENERATOR ADDITION - MEN S DORM  GENERATOR ADDITION - WOMEN &
L-00 <del>4</del>	CHILDREN'S DORM
E-605	GENERATOR ADDITION - WOMEN'S
	DORM
09 PLUMBING	
P101	PLUMBING SITE PLAN
P-201	PLUMBING SUPPLY PLAN - MEDICAL DETOX
P-202	PLUMBING WASTE/VENT PLAN - MEDICAL DETOX
P-203	PLUMBING PLANS - WOMEN'S DORM
P-501	PLUMBING SCHEDULES & DETAILS -
. 551	MEDICAL DETOX
P-901	PLUMBING WASTE/VENT RISER -
	MEDICAL DETOX
10 DATA NETV	VORK & SECURITY
	DATA NETWORK & SECURITY - MEDICAL
T-101	DATA NET WORK & SECONTIT - MEDICAL





OCCUPANCY CLASSIFICATION	CLASSIFICATION	DESCRIPTION	occ.	WATER CLOSETS		LAVATORIES		BATHTUBS /	DRINKING	OTHER
			LOAD	MALE	FEMALE	MALE	FEMALE	SHOWERS	FOUNTAINS	
В	BUSINESS	BUSINESS, PROFESSIONAL SERVICES, OTHER SERVICES INVOLVING MERCHANDISE, OFFICE BUILDINGS, BANKS, LIGHT INDUSTRIAL AND SIMILAR USES.	18	50 AND 1 F THE REN EXCEED	R THE FIRST PER 50 FOR MAINDER DING 50 EQ'D OWN	AND 1 PER REMAINDER I	ETHE FIRST 80 80 FOR THE EXCEEDING 80 EQ'D OWN	 	1 PER 100	1 SERVICE SINK
I-1; CONDITION 1	INSTITUTIONAL	REFORMATORIES, DETENTION CENTERS AND CORRECTIONAL CENTERS	30	2 RE	EQ'D OWN	2 RI	ER 15 EQ'D OWN	1 PER 15  2 REQ'D X SHOWN	1 REQ'D X SHOWN	1 REQ'D X SHOWN

LIFE SAFETY DATA - WOMEN'S DORM									
ALL OF THE FOLLOWING CHAPTER AND TABLE REFERENCES ARE TO ARKANSAS BUILDING CODE 2021									
OCCUPANCY CLASSIFICATION(S):	GROUP X-X; GROUP NAME	PER CHAPTER 3	GREATEST TRAVEL DISTANCE:	XXX' - 0" ALLOWED	PER TABLE 1017.2				
CONSTRUCTION TYPE:	TYPE XX-XX; TYPE NAME	PER TABLES 504.3 & 504.4 & 601		XXX' - 0" SHOWN					
EXITS:	XX EXITS REQUIRED XX EXITS PROVIDED	PER TABLE 1006.3.2 BASED ON OCCUPANT LOAD OF XXX	COMMON PATH OF TRAVEL:	XXX' - 0" ALLOWED XXX' - 0" SHOWN	PER TABLE 1006.2.1				

CLASSROOM 104 10529 SF

RESTROOM

108 69 SF

+ TVESTIBULE

+ OFFICE + 107+ + 69 SF

+ OFFICE + 106+ + 74 SF

PLAYROOM

105 68 SF

				OCCUPAN	T LOAD						
				FACTOR		OCCUPANT LOAD VALUES			EXIT WIDTHS		
								TOTAL			
	OCCUPANCY					PER MAX	ALT VALUE	OCCUPANT	REQ'D/ TO	TAL	TOTAL
LEVEL	CLASSIFICATION	FUNCTION OF SPACE	AREA	AREA/OCC	TYPE	ALLOW	OR CALC	LOAD	OCC RE	Q'D	PROVIDED
LEVEL 1		ASSEMBLY WITHOUT FIXED SEATS: UNCONCENTRATED (TABLES AND CHAIRS)	588 SF	15 SF	NET	40		40		0.00"	0.0
LEVEL 1		BUSINESS AREAS: TABLE 1004.5 (IBC 2021)	161 SF	150 SF	GROSS	2		2		0.00"	0.0
: 2			749 SF			42		42		0.00"	0.0
LEVEL 1	BUSINESS	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	245 SF	300 SF	GROSS	1		1		0.00"	0.0
LEVEL 1	BUSINESS	BUSINESS AREAS: TABLE 1004.5 (IBC 2021)	529 SF	150 SF	GROSS	4		4		0.00"	0.0
BUSINESS: 2			773 SF			5		5		0.00"	0.0
LEVEL 1	INSTITUTIONAL	DORMITORIES	332 SF	50 SF	GROSS	7		7		0.00"	0.0
NSTITUTIONA	L: 1		332 SF			7		7		0.00"	0.0
LEVEL 1:5			1,854 SF			54		54		0.00"	0.0
LEVEL 2	BUSINESS	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	25 SF	300 SF	GROSS	2		2		0.00"	0.0
_EVEL 2	BUSINESS	BUSINESS AREAS: TABLE 1004.5 (IBC 2021)	697 SF	150 SF	GROSS	5		5		0.00"	0.0
_EVEL 2	BUSINESS	KITCHENS, COMMERCIAL	168 SF	200 SF	GROSS	1		1		0.00"	0.0
BUSINESS: 4			890 SF			8		8	•	0.00"	0.0
LEVEL 2	INSTITUTIONAL	DORMITORIES	1,043 SF	50 SF	GROSS	23		23		0.00"	0.0
INSTITUTIONA	L: 3		1,043 SF			23		23	·	0.00"	0.0
LEVEL 2: 7			1,933 SF			31		31		0.00"	0.0
ΤΩΤΔΙ • 12			3 787 SE			85		25		0.00"	0.0

SR B

SHOWER ROOMS

112

SR C 112C

DORM 111 94 SF

112A

+ + 103 + +

+ LAB+++ + 109+ +

+ 160 SF +

110

GREATEST TRAVEL

<sup>+</sup>+ <sup>+</sup> 43' - 8" <sup>+</sup> + <sup>+</sup>

FUNCTION OF SPACE

BUSINESS AREAS: TABLE 1004.5 (IBC 2021)

LIFE SAFETY LEGEND

FIRE EXTINGUISHER CABINET

FIRE ALARM PANEL

ANSUL SYSTEM

SECURITY CAMERA

DOOR LOCATION

EXITING DIRECTION)

**— • — • — 1 HR FIRE RATING** 

EXIT LOCATION AND WIDTH (IN.)

FIRE RATING OF DOOR IN MINUTES (C INDICATES A CLOSER REQUIRED AT THIS

ADJACENT TO EACH DOOR TO AN EGRESS

STAIRWAY AND EXIT DISCHARGE, A TACTILE SIGN STATING EXIT AND COMPLYING WITH

—(ARROW DENOTES FACE OF FIXTURE AND

EXIT LIGHT FIXTURE W/ DIRECTION

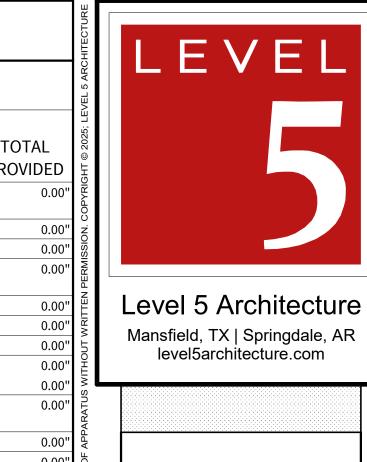
ICC A117.1 SHALL BE PROVIDED

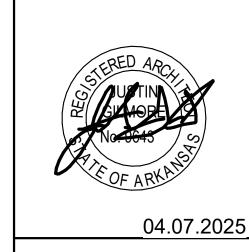
RECESSED KNOX BOX

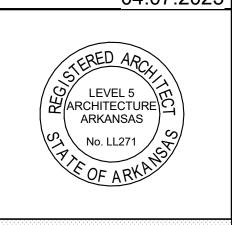
DORMITORIES

ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM

ASSEMBLY WITHOUT FIXED SEATS: UNCONCENTRATED (TABLES AND







PROJECT INFORMATION:

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

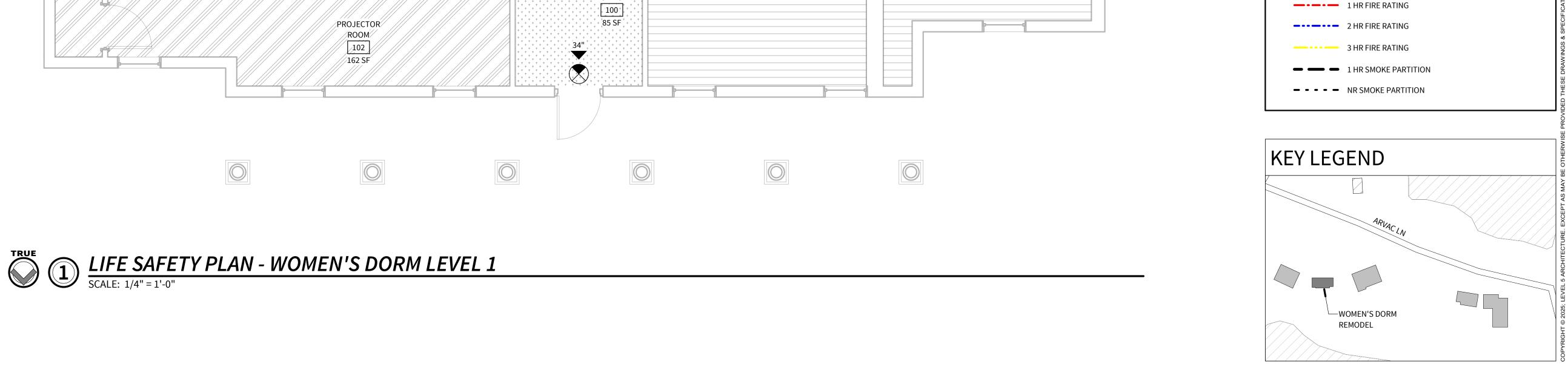
65 ARVAC LN RUSSELLVILLE, AR 72802

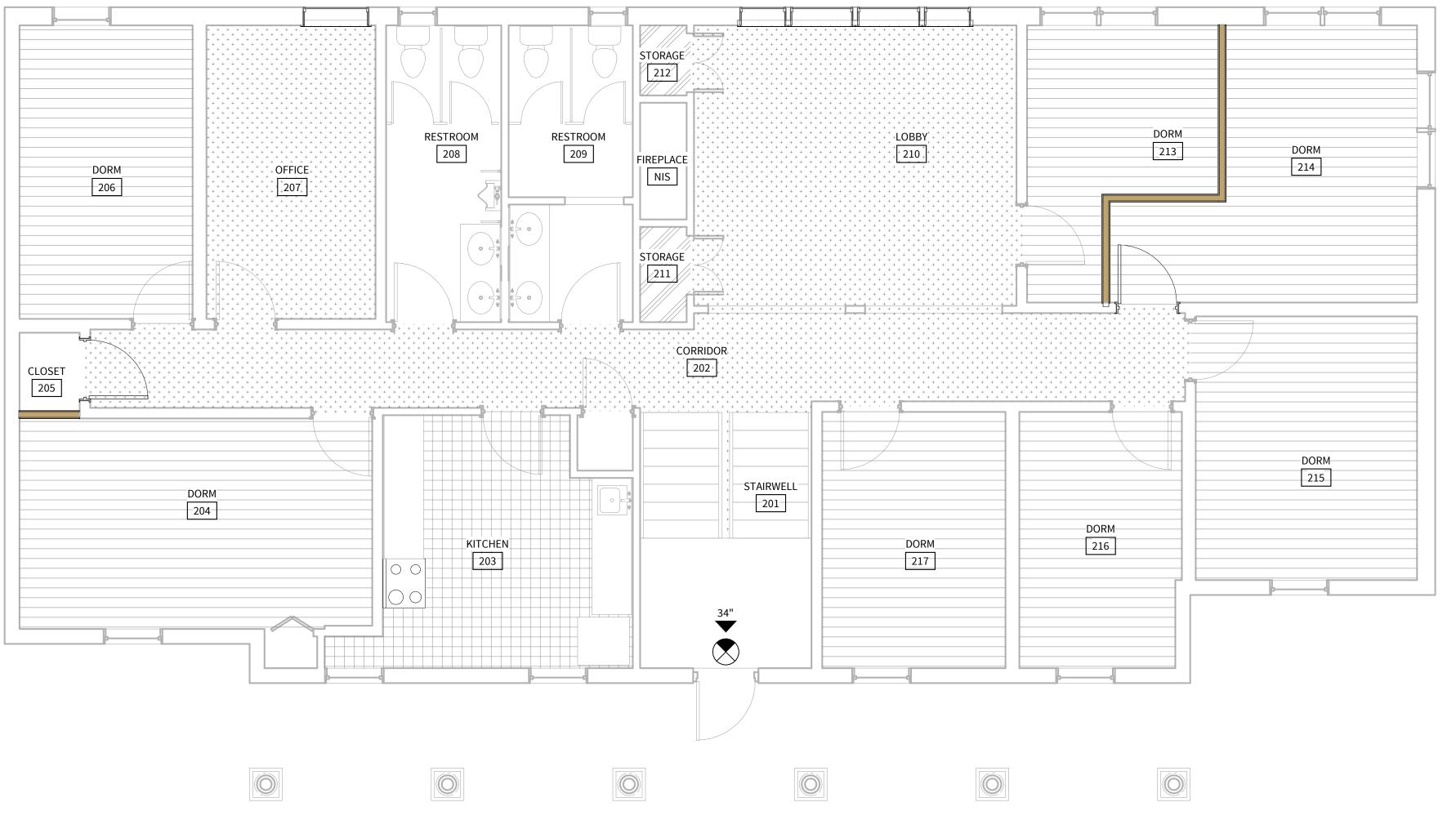
PROJECT NUMBER: 04.07.2025 ISSUE DATE: **REVISIONS:** 

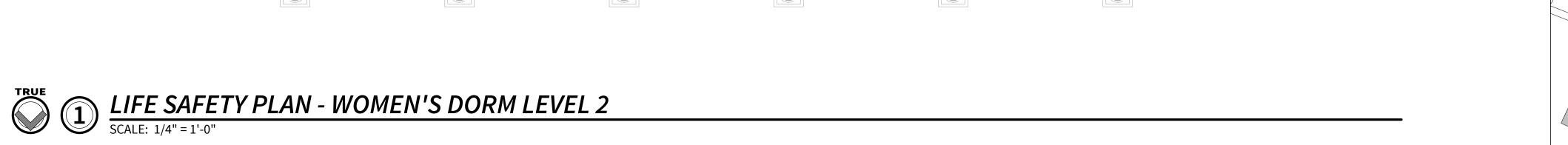
SHEET NAME:

LIFE SAFETY PLAN -WOMEN'S DORM LEVEL 1

SHEET NUMBER:

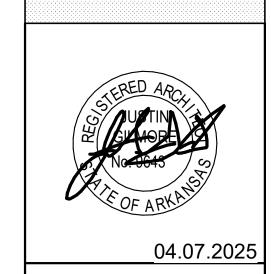




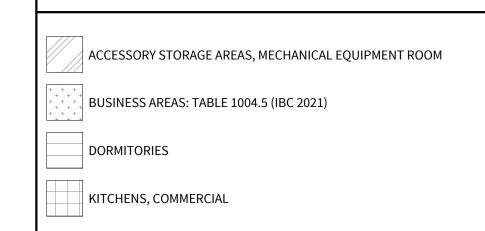


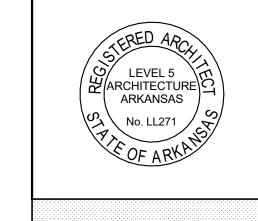


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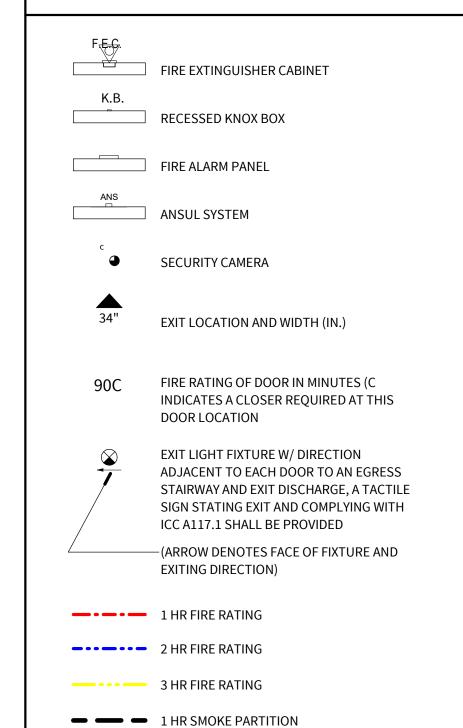
FUNCTION OF SPACE





PROJECT INFORMATION:

LIFE SAFETY LEGEND



- - - - NR SMOKE PARTITION

WOMEN'S DORM

**KEY LEGEND** 

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER:	23-
ISSUE DATE:	04.07.2
REVISIONS:	

SHEET NAME:

LIFE SAFETY PLAN -WOMEN'S DORM LEVEL 2

SHEET NUMBER:

4/4/2025 5:49:



# OCCUPANT LOAD CALCULATIONS - MEDICAL DETOX

		OCCUPANT LOAD								
			FACTOR		OCCUPANT LOAD VALUES			EXIT WIDTHS		
							TOTAL			
OCCUPANCY					PER MAX	ALT VALUE	OCCUPANT	REQ'D/	TOTAL	TOTAL
CLASSIFICATION	FUNCTION OF SPACE	AREA	AREA/OCC	TYPE	ALLOW	OR CALC	LOAD	OCC	REQ'D	PROVIDED
I-1; CONDITION 1	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	242 SF	300 SF	GROSS	2	2	2	0.20"	0.40"	0.00"
I-1; CONDITION 1	BUSINESS AREAS	1,786 SF	150 SF	GROSS	12	2	12	0.20"	2.40"	102.00"
I-1; CONDITION 1	INSTITUTIONAL AREAS: INPATIENT TREATMENT AREAS	324 SF	240 SF	GROSS	2	2	2	0.20"	0.40"	0.00"
I-1; CONDITION 1	INSTITUTIONAL AREAS: SLEEPING AREAS	1,060 SF	120 SF	GROSS	10	)	10	0.20"	2.00"	0.00"
TOTAL		3,412 SF			26	5	26		5.20"	102.00"

# LIFE SAFETY DATA - MEDICAL DETOX

ALL OF THE FOLLOWING CHAPTER AND TABLE REFERENCES ARE TO ARKANSAS BUILDING CODE 2021									
OCCUPANCY CLASSIFICATION(S):	GROUP I-1; CONDITION 1	PER CHAPTER 3	GREATEST TRAVEL DISTANCE:	250' - 0" ALLOWED	PER TABLE 1017.2				
CONSTRUCTION TYPE:	TYPE V-B; AUTOMATIC SPRINKLER	PER TABLES 504.3 & 504.4 & 601		103' - 0" SHOWN					
EXITS:	2 EXITS REQUIRED / 1-500 OCCUPANT 2 EXITS PROVIDED	PER TABLE 1006.3.3 BASED ON OCCUPANT LOAD OF 26	COMMON PATH OF TRAVEL:	75' - 0" ALLOWED 71' - 6" SHOWN	PER TABLE 1006.2.1				

# PLUMBING FIXTURES - MEDICAL DETOX

OCCUPANCY	CLASSIFICATION	DESCRIPTION	occ.	WATER CLOSETS	WATER CLOSETS LAVATORIES		DRINKING	OTHER
			LOAD	MALE FEMALE	MALE FEMALE	SHOWERS	FOUNTAINS	
I-1; CONDITION 1	INSTITUTIONAL	MEDICAL CARE RECIPIENTS IN HOSPITALS AND	26	1 PER ROOM 6 ROOMS	1 PER ROOM 6 ROOMS	1 PER 15	1 PER 100	1 SERVICE SINK
		NURSING HOMES		6 REQ'D 7 SHOWN	6 REQ'D 7 SHOWN	2 REQ'D 6 SHOWN	1 REQ'D 1 SHOWN	1 REQ'D 1 SHOWN



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04.07.2025



PROJECT INFORMATION:

ARVAC, INC
MEDICAL
DETOX AND
CAMPUS
IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

ROJECT NUMBER: 23-20A
SSUE DATE: 04.07.2025

SHEET NAME

LIFE SAFETY SCHEDULES

SHEET NUMBER:

G301

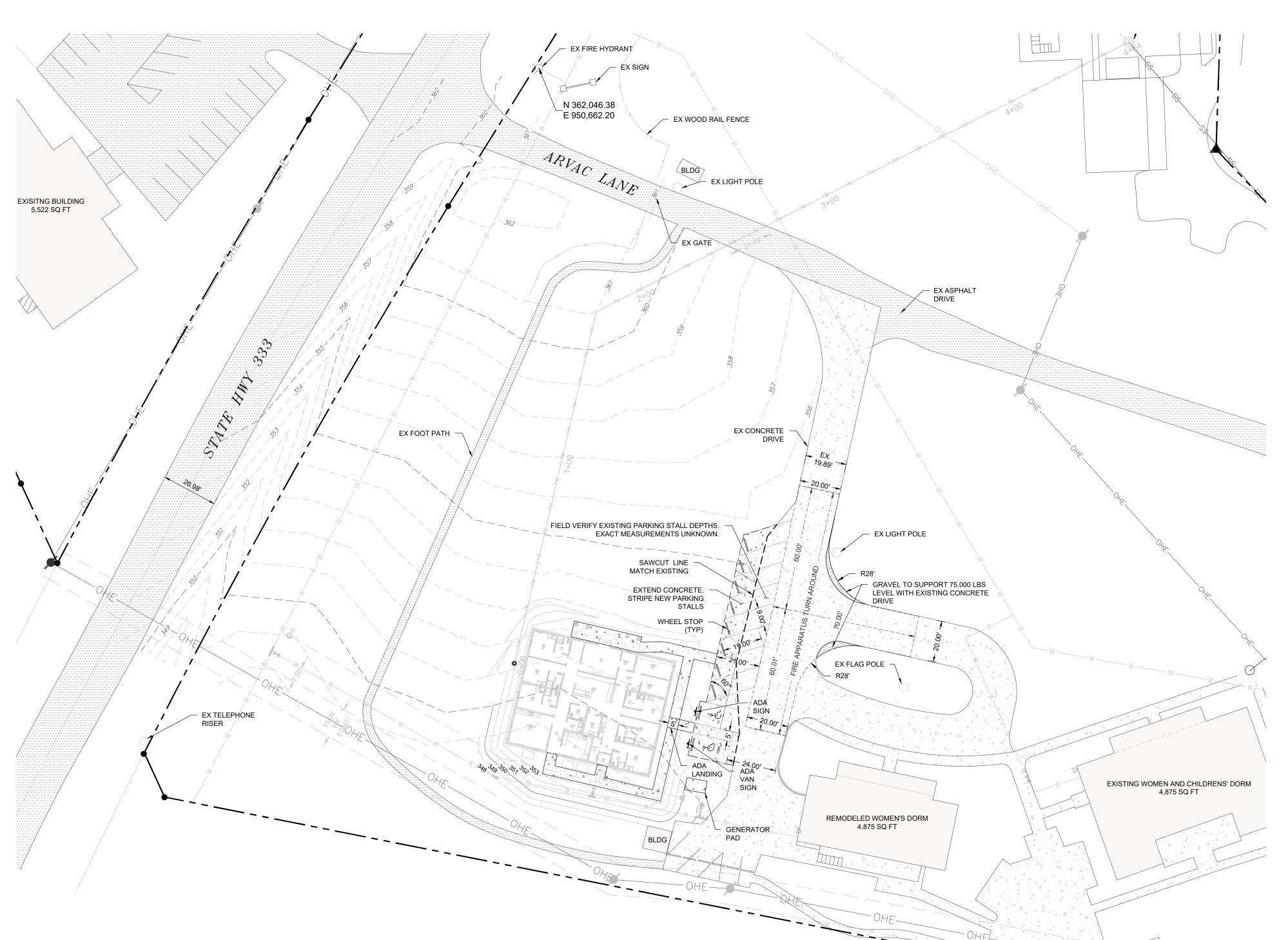
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**GENERAL NOTES:** 

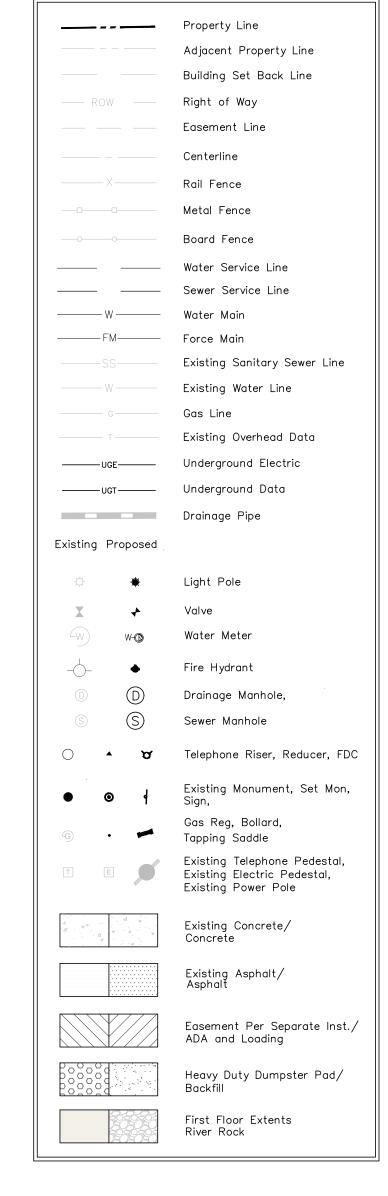
- 1) THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES THAT MAY
- 2) THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE GENERAL IN NATURE AND ARE BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE EXACT LOCATION OF ALL UTILITIES BEFORE PROCEEDING WITH THE CONSTRUCTION.
- 3) OTHER CONTRACTORS, LABORERS, WORKMEN, UTILITY COMPANIES, ETC., MAY BE WORKING WITHIN OR AROUND THE PROJECT SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH OTHERS TO MINIMIZE ANY CONFLICTS THAT ARISE.
- 4) IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE DUTY OF THE ENGINEER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN OR NEAR THE CONSTRUCTION SITE.
- 5) CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF EROSION CONTROL THROUGHOUT THE CONSTRUCTION OF THE PROJECT.
- 6) ALL CONSTRUCTION METHODS AND MATERIALS SHALL MEET OR EXCEED THE MINIMUM STANDARD AS SPECIFIED BY THE ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT AND THE CITY OR COUNTY WITH JURISDICTION.
- 7) THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING, PAYING AND POSTING FOR ALL PAYMENT, PERFORMANCE, AND MAINTENANCE BONDS NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT.
- 8) ALL CONSTRUCTION WORK AND UTILITY WORK OUTSIDE OF PROPERTY BOUNDARIES SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED. THE CONTRACTOR SHALL PROVIDE ADEQUATE CONSTRUCTION SIGNAGE AND OTHER TRAFFIC CONTROL DEVICES WHEN WORKING IN ANY RIGHT OF WAY. SIGNAGE AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO ALL FEDERAL, STATE AND LOCAL GUIDELINES AND REGULATIONS.
- 9) THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS ALONG AND ADJACENT TO HIGHWAYS IN THE CONSTRUCTION AREA IN AN ADEQUATE AND SATISFACTORY MANNER IN ACCORDANCE WITH THE ARKANSAS DEPARTMENT OF TRANSPORTATION STANDARDS.
- 10) CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY MEASURES TO PROVIDE ADEQUATE TRENCH SAFETY, AND ALL OTHER ITEMS NECESSARY TO SATISFY ACT 291-1993 OF THE STATE OF ARKANSAS.
- 11) THE CONTRACTOR SHALL VERIFY WITH THE ENGINEER BEFORE BEGINNING CONSTRUCTION, THE PROCUREMENT AND LOCATION OF ALL EASEMENTS, TEMPORARY AND PERMANENT, NECESSARY TO CARRY OUT THE WORK OUTLINED WITHIN THESE DRAWINGS AND RELATED CONTRACT DOCUMENTS PRIOR TO ANY CONSTRUCTION ACTIVITIES OFF THE SUBJECT PROPERTY. CONSTRUCTION STAKING OF PROPOSED WORK BY ENGINEER DOES NOT CONSTITUTE VERIFICATION OF EASEMENT OR AUTHORIZE THE CONTRACTOR TO PROCEED WITH WORK. VERIFICATION SHALL BE IN WRITING FROM ENGINEER.
- 12) THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL STATE AND FEDERAL REGULATIONS PERTAINING TO THE AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND THE ARKANSAS WATER AND AIR POLLUTION CONTROL ACT. CONTRACTOR IS TO FILE NOTICE OF INTENT WITH THE ARKANSAS DEPARTMENT OF ENVIRONMENTAL
- 13.) STOCKPILING OF CONSTRUCTION SPOIL MATERIAL AT PARTICULAR LOCATIONS SHALL ONLY BE ALLOWED FOR A LIMITED TIME PERIOD, NOT TO EXCEED (6) MONTHS. PRIOR TO A FINAL INSPECTION OF THE GRADING PERMIT, THE FOLLOWING STANDARDS
- SHALL BE ACHIEVED FOR COMPLETION OF CONSTRUCTION: A. DEVELOPMENT AND GRADING WITHIN THE DISTURBED AREA IS COMPLETE AND MATCHES PLANS AS APPROVED BY THE
- B. THE DISTURBED SOIL AREA IS OBSERVED TO HAVE 80% GRASS COVERAGE AND 100% STABILITY, AND

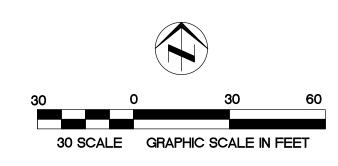
PLANNING COMMISSION, AND

- C. NO SLOPES STEEPER THAN A 3:1 PITCH UNLESS OTHERWISE APPROVED IN WRITING BY THE DIRECTOR OF ENGINEERING, AND
- D. NOTICE OF VIOLATIONS ISSUED HAVE ALL CORRECTIVE ACTIONS APPROVED WITH AN INSPECTION REPORT SIGNED BY A REPRESENTATIVE OF THE DIRECTOR OF ENGINEERING, AND
- E. ALL HEAVY EQUIPMENT, STOCKPILES, AND CONSTRUCTION SITE MATERIALS HAVE BEEN REMOVED FROM THE CONSTRUCTION SITE.



### <u>Legend</u>





DUE TO THE SCALE OF THE DRAWINGS, CERTAIN SYMBOLS AND HORIZONTAL COORDINATES OF CERTAIN FEATURES WILL NOT BE TO SCALE DUE TO PRODUCTION PURPOSES. CONTRACTOR TO VERIFY WITH LOCAL UTILITY FOR EXACT LOCATION AND ORIENTATION OF ALL METERS, VALVES, FIRE HYDRANTS, AIR RELEASE VALVES, BENDS, LIGHT POLES ETC. PRIOR TO COMMENCING WITH CONSTRUCTION.





C101

EARTHPLAN DESIGN &

& ALTERNATIVES, P.A.

No. 322

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SITE NOTES:

PROPOSED SITE LIGHTING TO BE PRIVATELY BILLED AND MAINTAINED.

THERE ARE NO EXISTING OR PROPOSED GROUND LEASES.

ALL EXTERIOR LIGHTS SHALL BE "CUT-OFF" TYPE.
 THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE COST OF ANY REQUIRED

UTILITY NOTES:

1. ALL FRANCHISE UTILITIES HAVE ACCESS TO SITE.

2. PROPOSED PUBLIC WATER INFRASTRUCTURE PER CITY OF LONDON REQUIREMENTS. PROPOSED SEWER IMPROVEMENTS PER CITY OF LONDON REQUIREMENTS



N 362,046.38

E 950,662.20

FORCE MAIN

- 4" EXISTING

- 2" WATER METER

SLEEVE AND:/

2" SERVICE -

WATER MAIN

TAP PUBLIC MAIN. CONTRACTOR TO

UTILITY

GRINDER PUMP

CONNECTIONS (SEE MEP PLANS)

HVAC (TYP) -

CONNECTIONS

4" FDC LINE

COORDINATE WITH LONDON MUNICIPAL WATER SYSTEM

SADDLE W. 4" GV (SEE MEP PLAN)

4" PRIVATE WATER LINE

(SEE MEP PLAN FOR SIZE)

FULL DEPTH BACKFILL

─ EX FIRE HYDRANT

APPROXIMATE LOCATION -

2 1/2" EXISTING PRIVATE FIRE LINE. ROUTE FORCE MAIN UNDER WATER.
PER PLUMBING PERMIT.

18" MINIMUM SEPARATION

FIELD LOCATE.

GENERATOR PAD

FIRE HYDRANT ASSEMBLY

→ 4" FIRE LINE

VALVE

4" DEMARCATION

(EXACT SIZE TO BE DETERMINED)

REMODELED WOMEN'S DORM 4,875 SQ FT

> (SEE MEP PLANS FOR CONNECTIONS)

FIRE RISER

REMOTE FDC: LOCATION TBD (PER CODE AND SPRINKLER CONTRACTOR)

CONTRACTOR)

FDC BUILDING MOUNTED (PER CODE AND SPRINKLER

\_STA. 2+74.29 (0.00', )

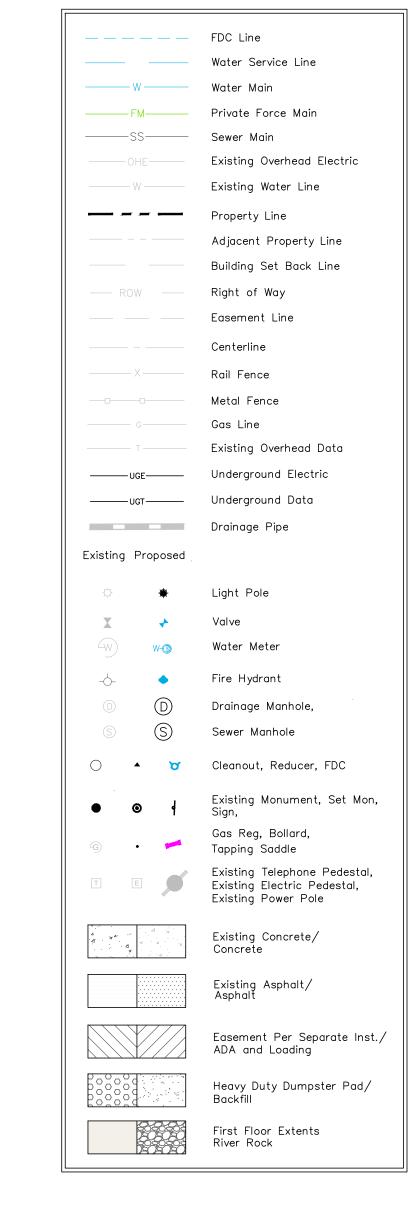
OF WET WELL

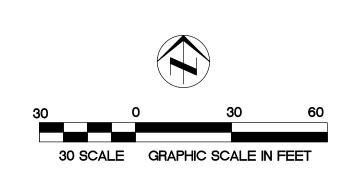
TOP: 346.16

PRIVATE SSMH -RIM: 345.20

6" IN: 340.09 6" OUT: 340.02

6" IN: 339.50 BOTTOM: 344.08



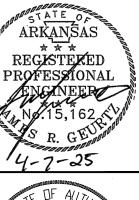


EXISTING WOMEN AND CHILDRENS' DORM 4,875 SQ FT

DUE TO THE SCALE OF THE DRAWINGS, CERTAIN SYMBOLS AND HORIZONTAL COORDINATES OF SYMBOLS AND HORIZONTAL COORDINATES OF CERTAIN FEATURES WILL NOT BE TO SCALE DUE TO PRODUCTION PURPOSES. CONTRACTOR TO VERIFY WITH LOCAL UTILITY FOR EXACT LOCATION AND ORIENTATION OF ALL METERS, VALVES, FIRE HYDRANTS, AIR RELEASE VALVES, BENDS, LIGHT POLES ETC. PRIOR TO COMMENCING WITH CONSTRUCTION.









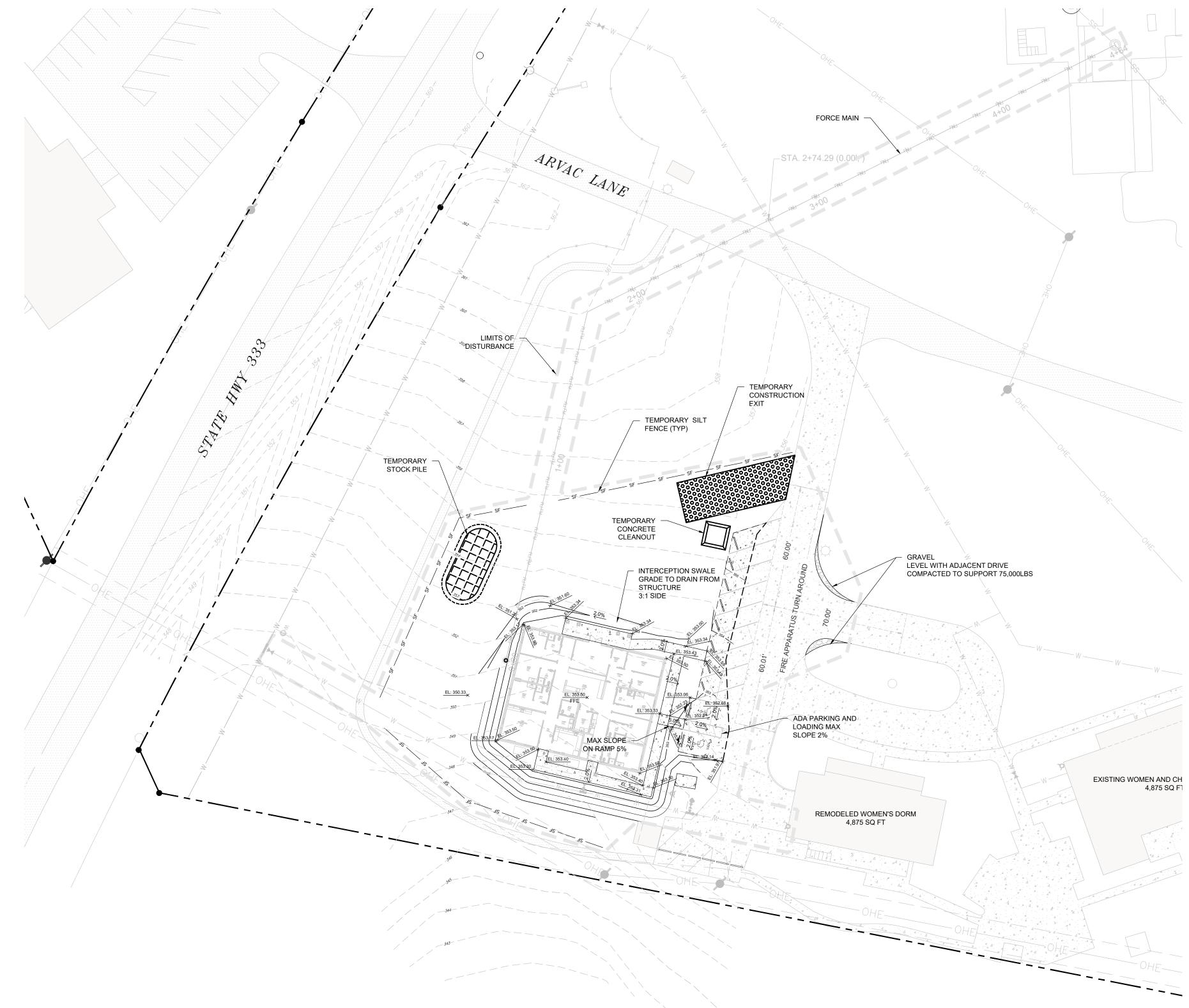


STOCKPILING OF CONSTRUCTION SPOIL MATERIAL AT PARTICULAR LOCATIONS SHALL ONLY BE ALLOWED FOR A LIMITED TIME PERIOD, NOT TO EXCEED (6) MONTHS. PRIOR TO A FINAL INSPECTION OF THE GRADING PERMIT, THE FOLLOWING STANDARDS SHALL BE ACHIEVED FOR

COMPLETION OF CONSTRUCTION: A) DEVELOPMENT AND GRADING WITHIN THE DISTURBED AREA IS COMPLETE AND MATCHES PLANS AS APPROVED BY THE PLANNING COMMISSION. AND

B) THE DISTURBED SOIL AREA IS OBSERVED TO HAVE 80% GRASS COVERAGE AND 100%

- C) NO SLOPES STEEPER THAN A 3:1 PITCH UNLESS OTHERWISE APPROVED IN WRITING BY
- THE DIRECTOR OF ENGINEERING, AND
- D) NOTICE OF VIOLATIONS ISSUED HAVE ALL CORRECTIVE ACTIONS APPROVED WITH AN INSPECTION REPORT SIGNED BY A REPRESENTATIVE OF THE DIRECTOR OF
- E) ALL HEAVY EQUIPMENT, STOCKPILES, AND CONSTRUCTION SITE MATERIALS HAVE BEEN REMOVED FROM THE CONSTRUCTION SITE
- 1. THERE ARE NO EXISTING SURFACE WATERS ON THIS SITE. 2. ALL BEST MANAGEMENT PRACTICES AND EROSION AND SEDIMENT CONTROLS
- SHALL BE INSTALLED AND MAINTAINED THROUGHOUT THE PROJECT AS SPECIFIED BY THE MANUFACTURER OR AS SPECIFIED IN THE DETAILS.
- 3. IF TOPSOIL IS TO BE STOCKPILED ON THE SITE, THE STOCKPILE AREA SHALL BE RINGED WITH SILT FENCE AND THE STOCKPILED SOIL SHALL BE TEMPORARILY SEEDED. REFER TO THE REVEGETATION REQUIREMENTS NOTES 1 THROUGH 4 ON THE EROSION CONTROL NOTES THIS SHEET FOR STABILIZATION PRACTICES FOR ALL DISTURBED AREAS.
- 4. IF CONSTRUCTION IS NOT EXPECTED TO RESUME WITHIN 3 WEEKS ON AN UNFINISHED AREA, THE AREA SHALL BE TEMPORARILY STABILIZED WITHIN 2



) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVAL AND PROPER DISPOSAL OF DEBRIS, CLEARING, GRUBBING, AND STRIPPING OF TOPSOIL AND ORGANIC MATTER AS NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT. TOPSOIL MAY BE STOCKPILED ON SITE, AS DIRECTED BY THE ENGINEER. THE BURNING OF TIMBER AND DEBRIS WILL NOT BE PERMITTED UNLESS APPROVAL IS GAINED FROM THE OWNER, ENGINEER, AND GOVERNING OFFICIALS. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, ETC. REQUIRED.

2) BUILDING SETBACK AREAS TO RECEIVE FILL MATERIAL SHALL BE SCARIFIED TO A DEPTH OF 8-INCH DEPTH AND PROPERLY COMPACTED TO 95% STANDARD PROCTOR DENSITY. ANY UNSUITABLE AREAS SHALL BE FURTHER UNDERCUT AND REPLACED WITH SUITABLE MATERIAL, AS DIRECTED BY

3) OFF-SITE FILL MATERIAL SHALL HAVE A PLASTICITY INDEX OF 20 OR LESS, A LIQUID LIMIT OF 50 OR LESS, AND CONTAIN NO ROCK LARGER THAN FOUR INCHES. OFF SITE FILL MATERIAL SHALL BE APPROVED BY THE ENGINEER.

4) AREAS THAT ARE TO BE CUT TO SUB-GRADE LEVELS SHALL BE PROOF-ROLLED WITH A LOADED TANDEM AXLE DUMP TRUCK OR SIMILAR APPROVED CONSTRUCTION EQUIPMENT TO DETECT UNSUITABLE SOIL CONDITIONS. CUT AREAS ARE TO BE SCARIFIED AND RE-COMPACTED TO 95% STANDARD PROCTOR AND TESTED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF BASE MATERIAL.

5) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE WATER SPRINKLING TRUCKS OR OTHER MEANS SUITABLE OF CONTROL OF DUST. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

6) THE DEVELOPER SHALL PROVIDE AN INDEPENDENT TESTING LABORATORY TO PERFORM CONSTRUCTION TESTING OF THE SUB-GRADE FOR COMPLIANCE WITH THE MINIMUM REQUIREMENTS OF SUB-GRADE DENSITIES. THE CONTRACTOR SHALL PROVIDE 48 HOURS ADVANCED NOTIFICATION SO THE DEVELOPER CAN SCHEDULE TESTING.

7) THE CONTRACTOR SHALL MAINTAIN ALL SLOPES 3:1 OR FLATTER UNLESS OTHERWISE INDICATED ON THE PLANS. ALL SLOPES EXCEEDING 3:1, BUT LESS THAN 2:1 SHALL BE SODDED.

8) CONTRACTOR SHALL CONTROL EROSION ALONG THE EDGE OF THE PROPERTY INCLUDING BOTTOM OF SLOPE LOCATIONS AND ALONG DITCHES LINES. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEANS TO PREVENT MUD AND DEBRIS FROM FLOWING ONTO ADJACENT PROPERTY.

9) ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND FOUR-INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOP-SOIL IS NOT AVAILABLE ON-SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL, APPROVED BY THE OWNER, AS NEEDED. THE AREA SHALL THEN BE SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL 70% GRASS COVER IS ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE CONTRACTOR.

REVEGETATION REQUIREMENTS: RE-VEGETATION SHALL BE REQUIRED TO MEET THE FOLLOWING PERFORMANCE STANDARDS (SEDIMENT CONTROLS SHALL REMAIN IN PLACE UNTIL RE-VEGETATION IS ESTABLISHED) UNLESS OTHERWISE ALLOWED BY THE CITY ENGINEER:

1. TOPSOIL. ALL DISTURBED AREAS SHALL RECEIVE 4 INCHES OF TOPSOIL AND REVEGETATED. TOPSOIL SHALL BE REQUIRED TO BE EITHER EXISTING OR INSTALLED IN AREAS TO BE REVEGETATED AS SET FORTH IN BELOW. ANY APPLICATION OF TOPSOIL AND SEEDING UNDER THE DRIP LINE OF A TREE SHOULD BE MINIMIZED TO 3 INCHES SO AS NOT TO DAMAGE THE TREES ROOT SYSTEM.

2. ZERO TO 10% GRADE: RE-VEGETATION SHALL BE A MINIMUM OF SEEDING AND MULCHING. SAID SEEDING SHALL PROVIDE COMPLETE AND UNIFORM COVERAGE THAT MINIMIZES EROSION AND RUNOFF. 3. 10:1 UP TO 4:1 GRADE: RE-VEGETATION SHALL BE A MINIMUM OF HYDRO-SEEDING WITH MULCH AND FERTILIZER, SOD, OR GROUNDCOVER. SAID

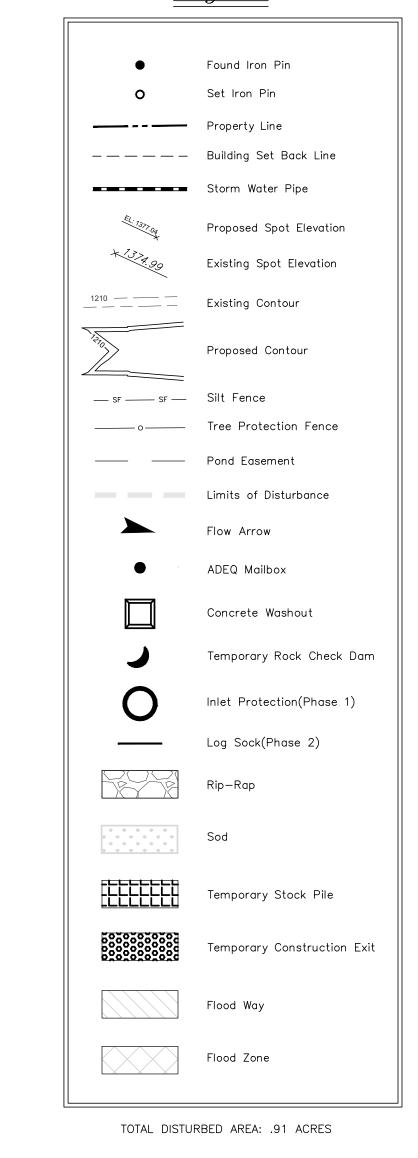
PLANTING SHALL PROVIDE COMPLETE AND UNIFORM COVERAGE THAT MINIMIZES EROSION AND RUNOFF. 4. 4:1 TO 3:1 GRADE: THE SLOPE SHALL BE COVERED WITH LANDSCAPE FABRIC AND HYDRO-SEEDED WITH MULCH AND FERTILIZER, OR STAKED SOD, OR GROUNDCOVER. SAID PLANTING SHALL PROVIDE COMPLETE AND UNIFORM COVERAGE THAT MINIMIZES EROSION AND RUNOFF.

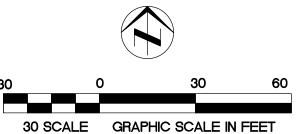
- 1. THE CONTRACTOR SHALL INSTALL THE DRAINAGE SYSTEM AS INDICATED ON THE PLANS, IN ACCORDANCE WITH THE
- 2. REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III OR CLASS IV IN SIZE, TYPE, DIAMETER, AND LENGTH AS INDICATED ON THE PLANS. ALL RCP TO BE USED ON THESE PLANS SHALL BE TONGUE AND GROOVE TYPE.
- 3. RCP FLARED END SECTIONS SHALL BE CLASS II.
- 4. ALL TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH AASHTO T280, LATEST REVISION. THE MANUFACTURE AND FURNISHING OF CIRCULAR PIPE SHALL BE IN ACCORDANCE WITH AASHTO M170.
- 5. JOINTS SHALL BE SEALED WITH PREFORMED RUBBER GASKETS OR BITUMEN/BUTYL RUBBER PLASTIC GASKETS CONFORMING TO AASHTO M198, TYPE A.
- 6. ALL SPOT ELEVATIONS TO GUTTER UNLESS OTHERWISE NOTED.

#### **EROSION CONTROL NOTES:**

- 1. ALL WASH WATER SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN THESE MATERIALS AND STORM WATER THAT IS DISCHARGED FROM THE SITE.
- 2. CONTRACTOR SHALL MAINTAIN ON THE SITE OR HAVE READILY AVAILABLE SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- 3. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO CONFIRM THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE FERTILIZED,
- 4. A MINIMUM VEGETATIVE BUFFER OF 25 FEET SHALL BE PROVIDED BETWEEN CONSTRUCTION OPERATIONS AND WETLANDS AND ORDINARY HIGH WATER MARKS OF RIVERS AND STREAMS.
- 5. DEBRIS, MUD, AND SOIL IN PUBLIC STREETS. DEBRIS, MUD AND SOIL SHALL NOT BE ALLOWED ON PUBLIC STREETS BUT IF ANY DEBRIS, MUD, OR SOIL FROM DEVELOPMENT SITES REACHES THE PUBLIC STREET IT SHALL BE IMMEDIATELY REMOVED VIA SWEEPING OR OTHER METHODS OF PHYSICAL REMOVAL. DEBRIS, MUD, OR SOIL IN THE STREET MAY NOT BE WASHED OFF THE STREET OR WASHED INTO THE STORM DRAINAGE SYSTEM. STORM DRAINAGE SYSTEMS DOWNSTREAM OF A DEVELOPMENT SITE SHOULD BE PROTECTED FROM DEBRIS, MUD, OR SOIL IN THE EVENT THAT DEBRIS, MUD, OR SOIL REACHES THE DRAINAGE SYSTEM.
- 6. PERMANENT EROSION CONTROL: THE DEVELOPER SHALL INCORPORATE PERMANENT EROSION CONTROL FEATURES AT THE EARLIEST PRACTICAL TIME. TEMPORARY EROSION CONTROL MEASURES WILL BE USED TO CORRECT CONDITIONS THAT DEVELOP DURING CONSTRUCTION THAT WERE UNFORSEEN DURING THE DESIGN STAGE, THAT ARE NEEDED PRIOR TO INSTALLATION OF PERMANENT EROSIONS CONTROL FEATURES, OR THAT ARE NEEDED TEMPORARILY TO CONTROL EROSION THAT DEVELOPS DURING NORMAL CONSTRUCTION PROJECTS, BUT ARE NOT ASSOCIATED WITH PERMANENT CONTROL FEATURES ON THE PROJECT.
- 7. THE CONTRACTOR SHALL TAKE ALL REASONABLE MEANS TO ELIMINATE THE TRANSPORT OF DUST FROM THE PROJECT SITE. SPECIAL MEASURES, SUCH AS PERIODICALLY APPLYING WATER TO THE WORK SITE TO PREVENT DUST SHALL BE INCORPORATED INTO THE CONTRACTORS WORK PLAN.
- 8. CONSTRUCTION EXITS: A STABILIZED ROCK EXIT IS REQUIRED ON CONSTRUCTION SITES. ROCK EXITS MUST BE AT LEAST 20' WIDE BY 50' LONG BY 6" THICK STABALIZED ROCK HAVEING A MINIMUM AVERAGE DIAMETER OF 3". IF THERE IS AN EXISTING CURB, LOOSE MATERIAL SUCH AS FILL DIRT OR GRAVEL SHALL NOT BE USED TO RAMP UP TO IT FROM THE STREET. TEMPORARY WOODEN RAMPS IN FRONT OF CURBS ARE ACCEPTABLE.
- 9. FRANCHISE AND PRIVATE UTILITIES: THE PROPERTY OWNER OR MAIN CONTRACTOR ONSITE WILL BE RESPONSIBLE FOR RESTORING ALL EROSION AND SEDIMENT CONTROL SYSTEMS AND PUBLIC INFRASTRUCTURE DAMAGED OR DISTURBED BY UNDERGROUND PRIVATE OR FRANCHISE UTILITY CONSTRUCTION SUCH AS WASTER AND SEWER SERVICE LEADS, TELEPHONE, GAS, CABLE, ETC. EROSION AND SEDIMENT CONTROL SYSTEMS MUST BE IMMEDIATELY RESTORED AFTER EACH UTILITY CONSTRUCTION.
- 10. STOCKPILING OF TOPSOIL SHALL HAVE WATTLES INSTALLED AROUND PILE.

#### <u>Legend</u>



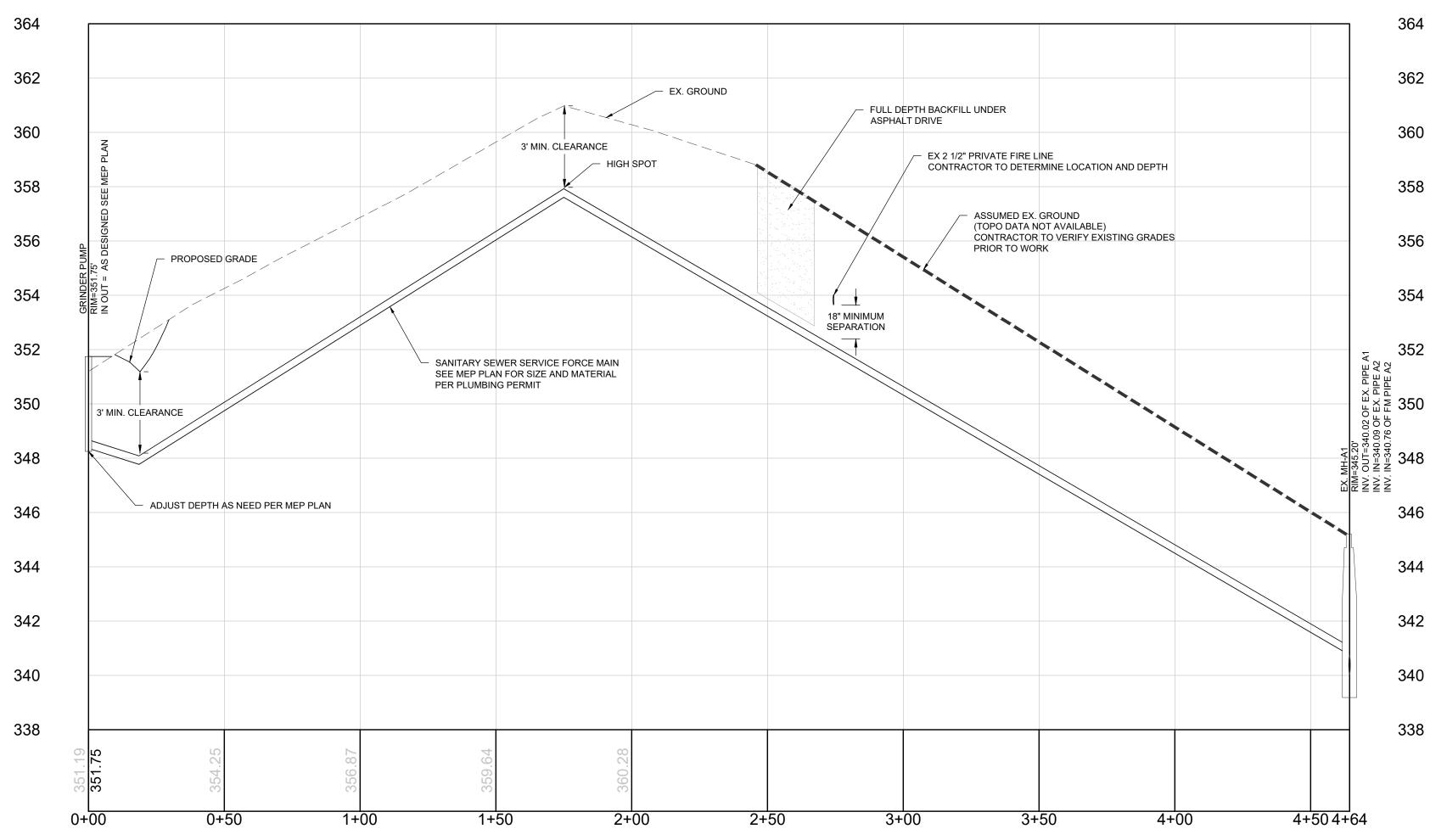


DUE TO THE SCALE OF THE DRAWINGS, CERTAIN SYMBOLS AND HORIZONTAL COORDINATES OF CERTAIN FEATURES WILL NOT BE TO SCALE DUE TO PRODUCTION PURPOSES. CONTRACTOR TO VERIFY WITH LOCAL UTILITY FOR EXACT LOCATION AND ORIENTATION OF ALL METERS, VALVES, FIRE HYDRANTS, AIR RELEASE VALVES, BENDS, LIGHT POLES ETC. PRIOR TO COMMENCING WITH CONSTRUCTION.



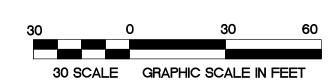


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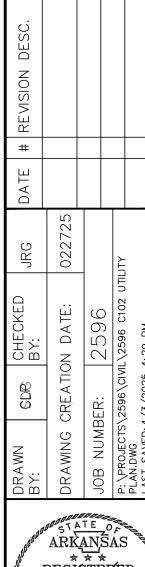


SANITARY SEWER SERVICE FORCEMAIN VERT= 3' HORZ= 30'

DUE TO THE SCALE OF THE DRAWINGS, CERTAIN SYMBOLS AND HORIZONTAL COORDINATES OF CERTAIN FEATURES WILL NOT BE TO SCALE DUE TO PRODUCTION PURPOSES. CONTRACTOR TO VERIFY WITH LOCAL UTILITY FOR EXACT LOCATION AND ORIENTATION OF ALL METERS, VALVES, FIRE HYDRANTS, AIR RELEASE VALVES, BENDS, LIGHT POLES ETC. PRIOR TO COMMENCING WITH CONSTRUCTION.











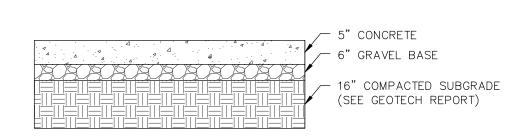
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- ACILITIES ARKANSA

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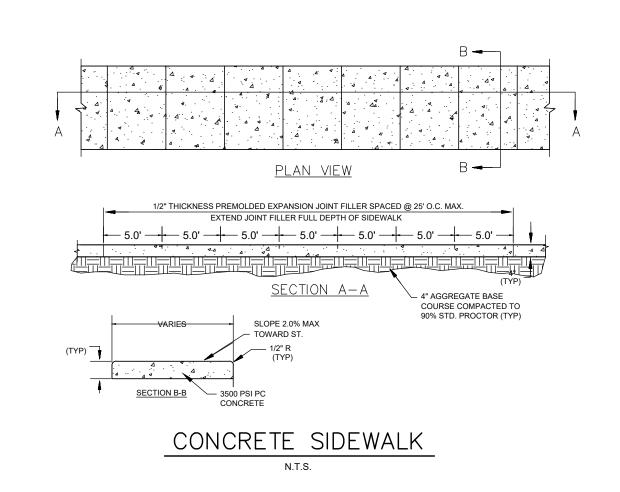
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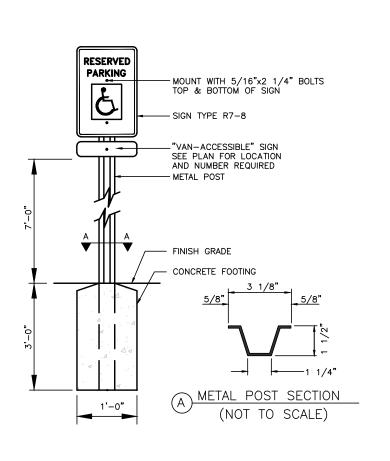


NOTES: 1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI

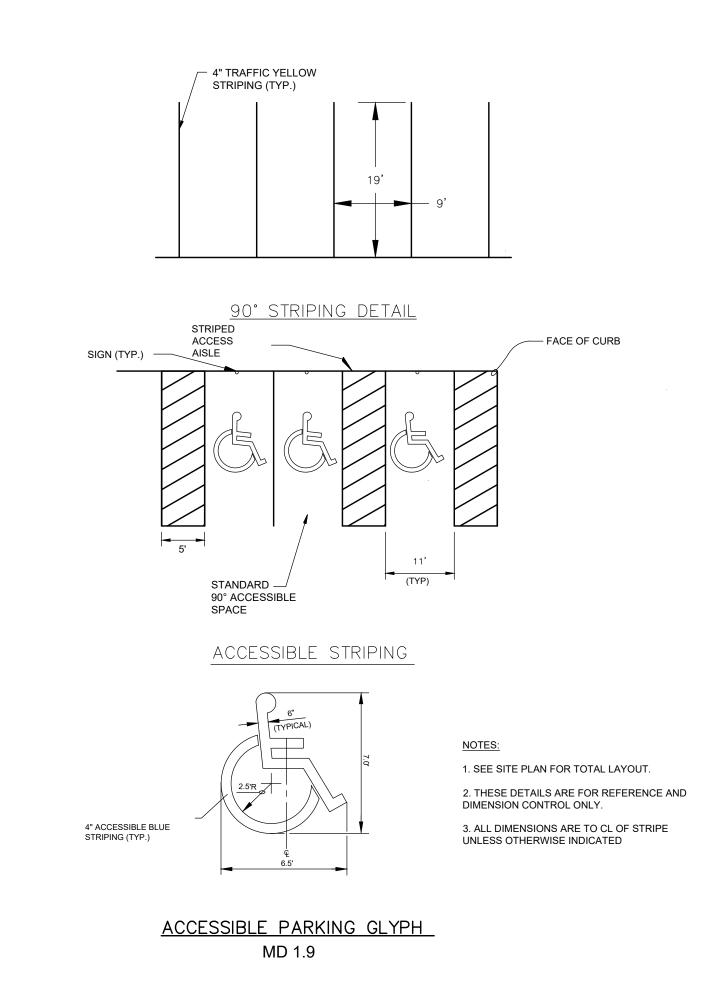
STANDARD CONCRETE

N.T.S.









Earthplan
Design
Alternatives, PA
Civil Engineering / Landscape Architecture

EARTHPLAN DESIGN ALTERNATIVES, P.A.

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#### **GENERAL NOTES:** 1) CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF EROSION CONTROL THROUGHOUT THE CONSTRUCTION OF THE PROJECT. 2) THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL STATE AND FEDERAL REGULATIONS PERTAINING TO THE AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND THE ARKANSAS WATER AND AIR POLLUTION CONTROL ACT. CONTRACTOR IS TO FILE NOTICE OF INTENT WITH THE ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY. 3) ALL BMP'S AND EROSION CONTROL PRACTICES SHOWN ON THIS PLAN SHALL BE MAINTAINED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS THROUGHOUT THE PROJECT. GRADING NOTES: 1) THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVAL AND PROPER DISPOSAL OF DEBRIS, CLEARING, GRUBBING, AND STRIPPING OF TOPSOIL AND ORGANIC MATTER AS NECESSARY FOR THE CONSTRUCTION OF THIS PROJECT. TOPSOIL MAY BE STOCKPILED ON SITE, AS DIRECTED BY THE ENGINEER. THE BURNING OF TIMBER AND DEBRIS WILL NOT BE PERMITTED UNLESS APPROVAL IS GAINED FROM THE OWNER, ENGINEER, AND GOVERNING OFFICIALS. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, ETC. REQUIRED. 2) BUILDING SETBACK AREAS TO RECEIVE FILL MATERIAL SHALL BE SCARIFIED TO A DEPTH OF 8-INCH DEPTH AND PROPERLY COMPACTED TO 95% STANDARD PROCTOR DENSITY. ANY UNSUITABLE AREAS SHALL BE FURTHER UNDERCUT AND REPLACED WITH SUITABLE MATERIAL, AS DIRECTED BY THE ENGINEER. 3) OFF-SITE FILL MATERIAL SHALL HAVE A PLASTICITY INDEX OF 20 OR LESS, A LIQUID LIMIT OF 50 OR LESS, AND CONTAIN NO ROCK LARGER THAN FOUR INCHES. OFF SITE FILL MATERIAL SHALL BE APPROVED BY THE ENGINEER. 4) AREAS THAT ARE TO BE CUT TO SUB-GRADE LEVELS SHALL BE PROOF-ROLLED WITH A LOADED TANDEM AXLE DUMP TRUCK OR SIMILAR APPROVED CONSTRUCTION EQUIPMENT TO DETECT UNSUITABLE SOIL CONDITIONS. CUT AREAS ARE TO BE SCARIFIED AND RE-COMPACTED TO 95% STANDARD PROCTOR AND TESTED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF BASE MATERIAL 5) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE WATER SPRINKLING TRUCKS OR OTHER MEANS SUITABLE OF CONTROL OF DUST. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION. 6) THE DEVELOPER SHALL PROVIDE AN INDEPENDENT TESTING LABORATORY TO PERFORM CONSTRUCTION TESTING OF THE SUB-GRADE FOR COMPLIANCE WITH

THE MINIMUM REQUIREMENTS OF SUB-GRADE DENSITIES. THE CONTRACTOR

SHALL PROVIDE 48 HOURS ADVANCED NOTIFICATION SO THE DEVELOPER CAN

7) THE CONTRACTOR SHALL MAINTAIN ALL SLOPES 3:1 OR FLATTER UNLESS OTHERWISE INDICATED ON THE PLANS. ALL SLOPES EXCEEDING 3:1, BUT LESS

LINES. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEANS TO PREVENT

9) ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED

SMOOTH AND FOUR-INCHES OF TOPSOIL APPLIED. IF ADEQUATE TOP-SOIL IS

APPROVED BY THE OWNER, AS NEEDED. THE AREA SHALL THEN BE SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL 70% GRASS COVER IS

ESTABLISHED IN ALL AREAS. ANY AREAS DISTURBED FOR ANY REASON PRIOR

UNIFORM COVERAGE THAT MINIMIZES EROSION AND RUN-OFF IN NO MORE THAN

HYDROSEEDING WITH MULCH AND FERTILIZER, STAKED SOD AND / OR GROUND COVER, SAID PLANTINGS SHALL PROVIDE COMPLETE AND UNIFORM COVER IN

3. 25% TO 33% FINISH GRADE: THE SLOPE SHALL BE COVERED WITH EROSION

CONTROL FABRIC AND PLANTED WITH GROUND COVER (PER CITY STANDARDS)

OR COVERED WITH RIP-RAP. IF RIP-RAP IS USED, THE SLOPE'S STABILITY AND

ERODABILITY MUST BE EQUIVALENT TO OR BETTER THAN IT'S PREDEVELOPED

4. MORE THAN 33% FINISH GRADE: ANY FINISH GRADE OVER 33% REQUIRES

TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY THE

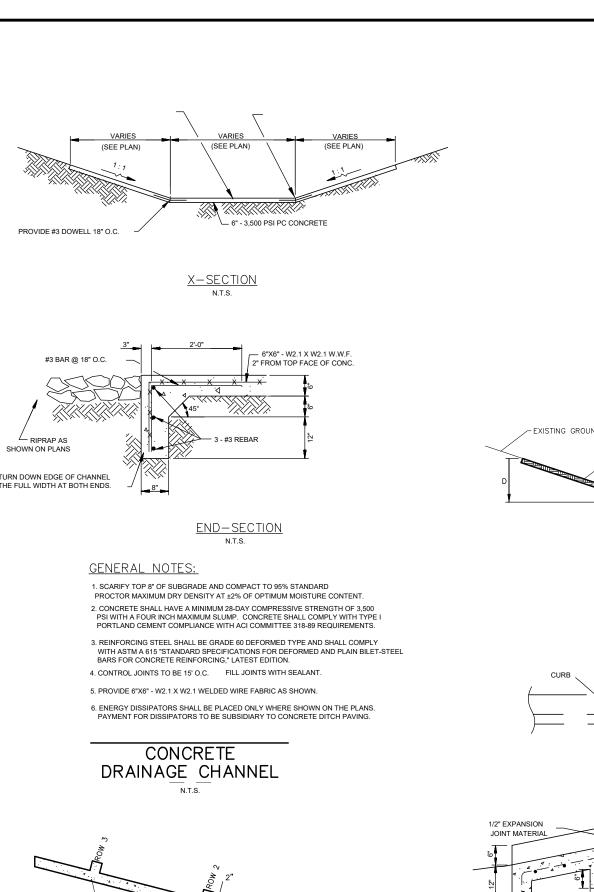
1.0% TO 10% EXISTING GRADE: REVEGETATION SHALL BE A MINIMUM OF SEEDING AND MULCHING, SAID SEEDING SHALL PROVIDE COMPLETE AND

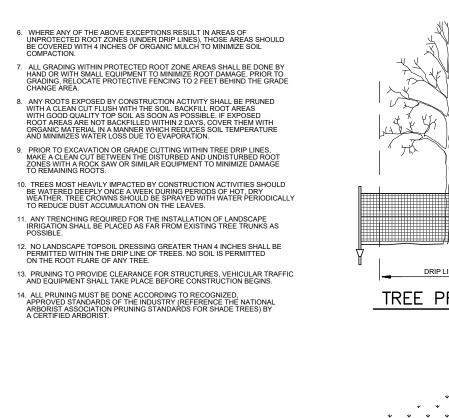
2. 10% TO 25% EXISTING GRADE: REVEGETATION SHALL BE A MINIMUM OF

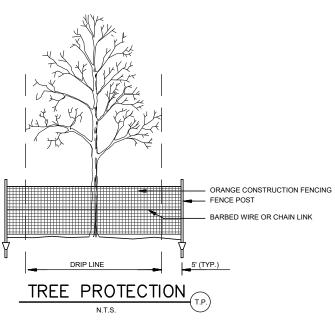
NOT AVAILABLE ON-SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL

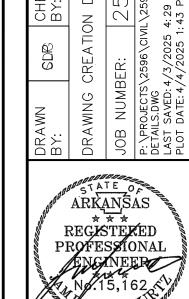
8) CONTRACTOR SHALL CONTROLL EROSION ALONG THE EDGE OF THE PROPERTY INCLUDING BOTTOM OF SLOPE LOCATIONS AND ALONG DITCHES

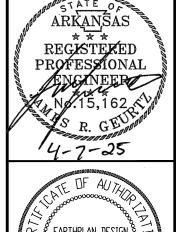
MUD AND DEBRIS FROM FLOWING ONTO ADJACENT PROPERTY.

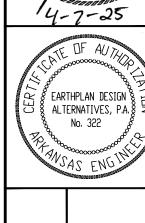






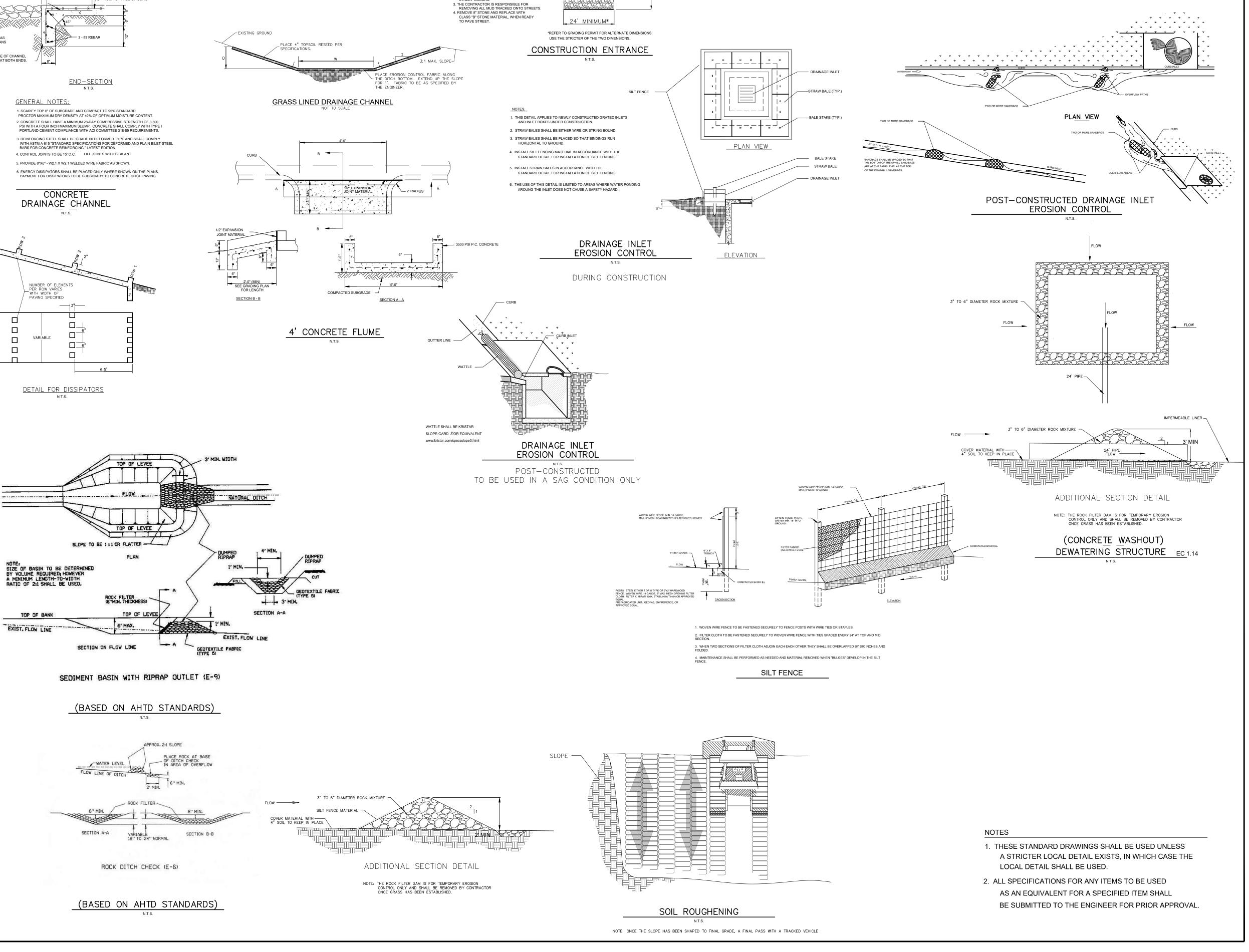








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- EXISTING STREET -

NOTES:
1. A CONSTRUCTION ENTRANCE SHALL BE

A) STRIP TOPSOIL AND GRADE TO DEPTH OF FUTURE SUBGRADE

C) INSTALL 6" OF 8" STONE.

2. THE CONSTRUCTION ENTRANCE SHALL
BE MAINTAINED PERIODICALLY BY ADDING

MORE STONE WHEN TRACKING ONTO THE

B) SCARIFY 8" AND COMPACT TO 95% STANDARD PROCTOR.

STREET OCCURS.

TREE PROTECTION NOTES:

PROVIDE 1' OF COVER OVER PIPE

TREE PROTECTION FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING OR GRADING).

A. SOIL COMPACTION IN THE ROOT ZONE AREA RESULTING FROM VEHICULAR TRAFFIC OR STORAGE OF EQUIPMENT OR MATERIALS.

B. ROOT ZONE DISTURBANCES DUE TO GRADE CHANGES (GREATER THAN 6 INCHES CUT OR FILL) OR TRENCHING.

D. OTHER ACTIVITIES DETRIMENTAL TO TREES SUCH AS CHEMICAL STORAGE, CEMENT TRUCK CLEANING, AND FIRES.

EXCEPTIONS TO INSTALLING FENCES 5' FROM TREE DRIP LINES MAY BE PERMITTED IN THE FOLLOWING CASES:

A. WHERE PERMEABLE PAVING IS TO BE INSTALLED: ERECT TH FENCE AT THE OUTER LIMITS OF THE PERMEABLE PAVING

WHERE ANY OF THE ABOVE EXCEPTIONS RESULT IN A FENCE BEIN CLOSER THAN 4 FEET TO A TREE TRUNK, PROTECT THE TRUNK WIT STRAPPED-ON PLANKING TO A HEIGHT OF 8 FEET (OR TO THE LIMIT OF LOWER BRANCHES) IN ADDITION TO THE REDUCED FENCING

C. WOUNDS TO EXPOSED ROOTS, TRUNK OR LIMBS BY MECHANICAL EQUIPMENT.

**EROSION CONTROL NOTES:** 

SCHEDULE TESTING.

CONTRACTOR.

THAN 2:1 SHALL BE SODDED.

REVEGETATION REQUIREMENTS:

NO MORE THAN TWO GROWING SEASONS.

EROSION CONTROL FABRIC AND STABILIZATION.

TWO GROWING SEASONS.

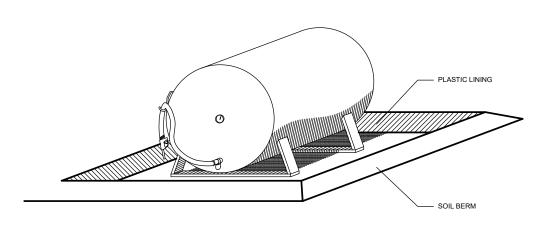
1) ALL WASH WATER SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN THESE MATERIALS AND STORM WATER THAT IS DISCHARGED FROM THE SITE.

2) CONTRACTOR SHALL MAINTAIN ON THE SITE OR HAVE READILY AVAILABLE SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.

3) OFF-SITE VEHICLE TRACKING OF SEDIMENTS SHALL BE MINIMIZED. PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE. THE CONTRACTOR SHALL APPLY ADDITIONAL STONE TO THE TOP OF THE CONSTRUCTION ENTRANCE AS NECESSARY TO PREVENT TRACKING OF MUD ONTO PUBLIC RIGHT-OF-WAY. MATERIALS SPILLED, TRACKED, DROPPED, OR WASHED ONTO PUBLIC RIGHT-OF-WAY SHALL BE REMOVED IMMEDIATELY.

4) ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO CONFIRM THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE FERTILIZED, IRRIGATED AND RESEEDED AS REQUIRED.

5) A MINIMUM VEGETATIVE BUFFER OF 25 FEET SHALL BE PROVIDED BETWEEN CONSTRUCTION OPERATIONS AND WETLANDS AND ORDINARY HIGH WATER MARKS OF RIVERS AND STREAMS.



BERM SHALL BE HIGH ENOUGH TO CONTAIN THE TOTAL VOLUME PLUS 10% OF THE FUEL HELD BY THE STORAGE TANK.

FUEL STORAGE DETAIL

AMERICAN CONCRETE INSTITUTE ABOVE FINISHED FLOOR AMERICAN INSTITUTE OF STEEL CONSTRUCTION

AMERICAN IRON AND STEEL INSTITUTE

ARCH. ARCHITECTURAL

AMERICAN SOCIETY FOR TESTING AND MATERIALS AMERICAN WELDING SOCIETY

B.O.

BLDG BUILDING

BOTTOM OF MASONRY **BOTTOM OF STEEL** 

ANCHOR BOLT

BEARING

CONTRACTION JOINT

CL CENTER LINE

CLR CLEAR

CONCRETE MASONRY UNIT COL. COLUMN

CONC. CONCRETE

CONN. CONNECTION CONST. CONSTRUCTION CONT. CONTINUOUS

DIA. DIMENSION DIM.

DN DTL DETAIL

DRAWING DWG DWL DOWEL EA. EACH

EJ **EXPANSION JOINT** EL. **ELEVATION** 

ELEC. ELECTRICAL EQ. EQUAL EACH WAY EW

EXIST. EXISTING **EXPANSION** EXP. FDN **FOUNDATION** 

FINISHED FLOOF FIN.

FLR FLOOR FS FAR SIDE

FTG FOOTING FV FIELD VERIF

GA. GALV. GALVANIZED GRADE BEAM

GC GENERAL CONTRACTOR HK HOOK HORIZ. HORIZONTAL

HEADED STUD ANCHOR HOLLOW STRUCTURAL SHAPE

INSIDE FACE ΙF JOIST BEARING ELEVATION JST JOIST

JOINT

KSI KIPS PER SQUARE INCH LBS POUNDS

LONG LONG LEG HORIZONTAL

LLV LONG LEG VERTICAL LONG. LONGITUDINAL

LONG SIDE HORIZONTAL LONG SIDE VERTICAL MAX. MAXIMUM

METAL BUILDING MANUFACTURER

MECHANICAL MANUFACTUREF

MIN. MINIMUM

MISC. MISCELLANOUS MO MASONRY OPENING

MTL

NO. NUMBER

NEAR SIDE NOT TO SCALE OUTSIDE FACE

ON CENTER OUTSIDE DIAMETER

OPPOSITE HAND ОН

OPNG OPENING POWER ACTUATED FASTENER

PEDESTAL

PEMB PRE-ENGINEERED METAL BUILDING PL. PLATE

PLF POUNDS PER LINEAR FOOT PLUMB. PLUMBING PROJECTION

POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH

QTY QUANITY

RADIUS REF. REFER TO

REINF. REINFORCEMENT REQD REQUIRED

RTU ROOF TOP UNIT SCHED. SCHEDULE

SDI STEEL DECK INSTITUTE

SECT. SECTION SIMILAR

STEEL JOIST INSTITUTE SLAB-ON-GRADE SOG

SPA. SPACING SPECS SPECIFICATIONS

STD STANDARD

STIFF. STIFFENER STL STEEL

STRUC. STRUCTURAL

T&B TOP AND BOTTOM

T.O. TOP OF THICKNESS

TOP OF CONCRETE TOP OF FOOTING

TOGB TOP OF GRADE BEAM TOP OF MASONRY

TOS TOP OF STEEL

TOW TOP OF WALL TRANS. TRANSVERSE

UNO UNLESS NOTED OTHERWISE VERT. VERTICAL

TYP. TYPICAL

WORK POINT WELDED WIRE FABRIC

#### **GENERAL NOTES**

1. THE STRUCTURAL ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS SINCE THESE ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY.

2. FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE THE WORK SHOWN OR IMPLIED BY THESE DRAWINGS. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WORK.

#### **SOIL PREPARATION GENERAL NOTES**

STRUCTURAL FILL SHALL BE FROM ON-SITE OR OFF-SITE BORROW SOURCES. FILL MATERIAL SHALL BE ENGINEERED FILL APPROVED BY THE TESTING LABORATORY

PROOFROLL ALL EXPOSED SUBGRADE WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK TO LOCATE ANY SOFT AREAS WHICH MUST BE OVEREXCAVATED AND REPLACED WITH STRUCTURAL FILL STRUCTURAL FILL SHALL BE COMPACTED IN 8" LOOSE LIFTS TO AT LEAST 95% OF THE STANDARD PROCTOR

MOISTURE CONTENT 4. CRUSHED STONE BENEATH SLAB-ON-GRADE SHALL BE FREE DRAINING ASTM #57 OR #67 CRUSHED STONE COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR DENSITY WITHIN A MOISTURE CONTENT RANGE OF 2% BELOW TO 2% ABOVE THE OPTIMUM MOISTURE CONTENT.

DENSITY (ASTM D698) WITHIN A MOISTURE CONTENT RANGE OF 2% BELOW TO 2% ABOVE THE OPTIMUM

#### **CONCRETE GENERAL NOTES**

STRENGTH OF 4,500 PSI WITH A MAXIMUM WATER-CEMENT RATIO OF 0.45. EXTERIOR CONCRETE SHALL HAVE A

1. ALL DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL CONFORM TO THE ACI STANDARDS "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" (ACI 315) AND "SPECIFICATIONS FOR STRUCTURAL

2. ALL INTERIOR CONCRETE SHALL DEVELOP A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI. 3. EXTERIOR CONCRETE FREEZING AND THAWING EXPOSURE CLASS SHALL BE F2 AND SULFATE EXPOSURE CLASS SHALL BE SO. ALL EXTERIOR STRUCTURAL CONCRETE SHALL DEVELOP A 28 DAY MINIMUM COMPRESSIVE

MINIMUM ENTRAINED AIR CONTENT OF 5.5%. 4. CHAMFER ALL EXPOSED EXTERNAL CORNERS OF CONCRETE WITH 3/4" x 45° CHAMFER, UNLESS NOTED OTHERWISE

5. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60, OR ASTM A706, GRADE 60.

6. ALL REINFORCING BAR SPLICES SHALL BE 44 BAR DIAMETERS.

7. ALL REINFORCING BAR HOOKS SHALL BE ACI STANDARD 90 DEGREE HOOK, UNLESS NOTED OTHERWISE.

8. PROVIDE TWO #4 x 4'-0" LONG DIAGONAL BARS OR ONE #5 x 4'-0" LONG DOWEL IN TOP FACE AT ALL RE-ENTRANT CORNERS IN SLAB, SEE DETAIL 3/S101

9. PROVIDE (1) #4 HOOP WITH 8" LAP IN SLAB AROUND FLOOR DRAINS. 10. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. PROVIDE MESH IN FLAT SHEETS.

11. WIRE WIRE FABRIC REINFORCING SHALL LAP 6" AND BE SECURELY WIRED AT EACH SIDE AND END. 12. BAR SUPPORTS AT FOOTINGS AND SLAB-ON-GRADE SHALL BE FACTORY MADE WIRE BAR SUPPORTS.

13. SMOOTH DOWELS SHALL BE STEEL CONFORMING TO ASTM A36.

14. ALL SLOTS, SLEEVES AND OTHER EMBEDDED ITEMS SHALL BE SET BEFORE CONCRETE IS PLACED. SEE ARCHITECTURAL, ELECTRICAL, MECHANICAL AND VENDOR'S DRAWINGS FOR SIZE AND LOCATIONS.

#### **FOUNDATION GENERAL NOTES**

1. FOOTING DESIGNS ARE BASED ON A NET ALLOWABLE SOIL BEARING PRESSURE OF 3,000 PSF. FOOTINGS SHALL BEAR IN THE TESTED AND APPROVED EXISTING FILL OR ENGINEERED FILL SOILS AS DESCRIBED IN GEOTECHNICAL REPORT DATED DECEMBER 11, 2024 BY BARRETT AND ASSOCIATES.

2. EXTERIOR FOOTINGS SHALL BEAR AT OR BELOW MINIMUM BEARING DEPTH. MINIMUM BEARING DEPTH IS 12 INCHES BELOW ADJACENT FINISHED GRADE. THICKENED SLAB EDGES FOR STOOPS SHALL BE 16 INCHES, UNLESS

3. STANDARD PROCEDURES OF FROST PROTECTION FOR FOUNDATIONS AND EXCAVATIONS SHALL BE EMPLOYED FOR WINTER CONSTRUCTION. BACKFILLING OF EXCAVATIONS SHALL BE DONE AS SOON AS POSSIBLE TO PROTECT FOUNDATIONS FROM FROST

HORIZ BARS IN FOOTINGS, TURN-DOWN SLAB EDGE AND CONCRETE STEM WALLS, WHEN APPLICABLE, SHALL BE CONTINUOUS. PROVIDE CORNER BARS SAME SIZE AND SPACING AS LONGITUDINAL REINFORCING AT ALL CORNERS AND INTERSECTIONS, UNLESS NOTED OTHERWISE.

5. FOUNDATION PENETRATIONS SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER. PENETRATIONS SHALL BE THROUGH TURN-DOWN SLAB EDGE. FOUNDATION STEMWALL (IF APPLICABLE) OR 6" CLEAR BELOW CONTINUOUS WALL FOOTING. DO NOT LOCATE CONDUITS BELOW COLUMN FOOTINGS.

#### **WOOD FRAMING GENERAL NOTES**

- 1. ALL FRAMING LUMBER SHALL BE NO. 2 GRADE SOUTHERN PINE. LUMBER SHALL HAVE A MOISTURE CONTENT
- 2. ALL LAMINATED VENEER LUMBER (LVL) SHALL BE TRUS JOIST MICROLLAM LVL (OR APPROVED EQUAL) WITH A MINIMUM MODULUS OF ELASTICITY (E) OF 1.900.000 PSI AND A MINIMUM ALLOWABLE FLEXURAL STRESS (Fb) OF 2,600 PSI, UNLESS NOTED OTHERWISE.
- 3. ALL NAILING IS TO BE IN ACCORDANCE WITH THE 2021 ARKANSAS FIRE PREVENTION CODE. VOLUME II. WOOD
- FASTENING SCHEDULE, TABLE 2304.9.1, UNLESS NOTED OTHERWISE. 4. ALL WOOD CONNECTORS ARE TO BE INSTALLED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS WITH THE MAXIMUM NUMBER AND SIZE OF NAILS.
- CONTRACTOR SHALL PROVIDE TEMPORARY BRACING OF TRUSSES DURING CONSTRUCTION PER THE TRUSS MANUFACTURER'S RECOMMENDATIONS. 6. ALL MULTI-MEMBER BEAMS AND HEADERS SHALL BE GLUED AND NAILED TOGETHER WITH (2) ROWS OF 12d NAILS
- 7. ALL EXTERIOR WALLS AND INTERIOR LOAD-BEARING WALLS SHALL BE SHEATHED ON THE OUTSIDE FACE WITH 1/2" APA RATED ORIENTED STRAND BOARD (OSB) SHEATHING FULL HEIGHT. OSB SHALL BE ATTACHED TO WALLS WITH 10d COMMON NAILS SPACED AT 6" oc ALONG PANEL EDGES AND AT 12" oc AT INTERMEDIATE STUDS. NAILS AT TOP AND BOTTOM OF WALLS SHALL BE INSTALLED INTO TOP AND BOTTOM PLATES.

#### **WOOD TRUSS GENERAL NOTES**

- 1. THE WOOD AND FABRICATION CRITERIA OF ALL WOOD TRUSSES SHALL MEET THE "NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADE LUMBER AND ITS FASTENINGS" BY THE NATIONAL FOREST PRODUCTS ASSOCIATION, "TIMBER CONSTRUCTION STANDARDS" BY THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION, AND "DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES" BY THE TRUSS PLATE
- 2. ALL CONNECTOR PLATES ARE TO BE A MINIMUM OF 20 GAUGE, ALL CONNECTOR PLATES ARE TO MEET THE REQUIREMENTS OF ASTM A446 GRADE A AND ARE TO BE HOT DIPPED GALVANIZED ACCORDING TO ASTM A525 WITH G60 COATING
- 3. ALL LUMBER USED FOR THE TRUSS MEMBERS IS TO HAVE A MOISTURE CONTENT BETWEEN 7% AND 19% AT THE TIME OF FABRICATION. 4. ALL WOOD TRUSSES ARE TO BE INSTALLED AND TEMPORARILY BRACED IN ACCORDANCE WITH HIB-91
- "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES" BY THE TRUSS PLATE INSTITUTE 5. DURING ERECTION OF TRUSSES, CARE SHALL BE EXERCISED TO KEEP HORIZONTAL BENDING OF TRUSS TO A MINIMUM. PROPER ERECTION BRACING SHALL BE INSTALLED TO HOLD TRUSSES TRUE, PLUMB AND IN A SAFE
- CONDITION UNTIL THE ROOF DECKING AND PERMANENT TRUSS BRACING ARE INSTALLED THE TRUSS MANUFACTURER IS TO PREPARE COMPLETE FABRICATION AND ERECTION DRAWINGS, FULLY ENGINEERED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE PROJECT STATE.
- . TRUSS MANUFACTURER IS RESPONSIBLE FOR DESIGNING AND SUPPLYING ALL WOOD TRUSS TO WOOD TRUSS CONNECTIONS. 8. TRUSS MANUFACTURER SHALL DESIGN AND PROVIDE PERMANENT BRIDGING AND BRACING FOR TURSSES.
- $_{
  m PC}$  . TRUSS MANUFACTURER SHALL DESIGN TRUSSES FOR THE MECHANICAL EQUIPMENT LOADS NOTED ON THE FRAMING PLANS IN ADDITION TO THE UNIFORM DEAD AND LIVE LOADS. COORDINATE EQUIPMENT SIZE AND LOCATIONS WITH MECHANICAL CONTRACTOR.
- 10. TRUSSES SHALL BE DESIGNED FOR A NET FACTORED UPLIFT OF 16 PSF.

#### **SPECIAL INSPECTIONS**

#### PERIODIC SPECIAL INSPECTIONS:

- CONCRETE
- INSPECTION OF REINFORCING STEEL AND PLACEMENT.
- VERIFICATION OF REQUIRED MIX DESIGNS. 3. INSPECTIONS FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.

AT 12" oc. NAIL BOTH SIDES OF ALL 3-PLY MEMBERS.

- **CONTINUOUS SPECIAL INSPECTIONS:** CONCRETE
- . INSPECT BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE 2. SAMPLING OF FRESH CONCRETE AND PERFORMING SLUMP, AIR CONTENT, AND DETERMINING THE TEMPERATURE OF FRESH CONCRETE AT THE TIME OF MAKING SPECIMENS FOR STRENGTH TEST.
- 3. INSPECTION OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.

#### DECICNICADO

DESIGN LOADS						
_	DIW DING CODE	2004 ADVANGAG FIDE DDEVENTION CODE VOLU	MARK			
	BUILDING CODE:	2021 ARKANSAS FIRE PREVENTION CODE, VOL II	H1			
	ROOF DEAD LOAD:	20 PSF				
	FLOOR DEAD LOAD:	16 PSF	H2			
4.	ROOF LIVE LOAD (NOT REDUCIBLE):	20 PSF				
5.	FLOOR LIVE LOAD:		Н3			
	<ul> <li>MECHANICAL PLATFORM</li> </ul>	20 PSF				
6.	SNOW LOAD:					
	○ GROUND SNOW LOAD (Pg) =	10 PSF				
	<ul><li>FLAT ROOF SNOW LOAD (PF) =</li></ul>	7 PSF	HEADED SC	UEDI		
	<ul><li>SLOPED ROOF SNOW LOAD (Ps) =</li></ul>	7 PSF	HEADER SC	перс		
	<ul><li>SNOW LOAD IMPORTANCE FACTOR (Is) =</li></ul>	1.00	1. SEE AF	RCHI		
	○ SLOPE FACTOR (Cs) =	1.00	2. PROVI	DE A		
	<ul><li>SNOW EXPOSURE FACTOR (Ce) =</li></ul>	1.00	3. PROVI	DE A		
	○ THERMAL FACTOR (T) =	1.00	4. JACK S	STUD		
7.	WIND LOAD:		ADJAC	ENT		
	<ul><li>ULTIMATE WIND SPEED (Vult) =</li></ul>	110 MPH				
	<ul><li>SERVICE WIND SPEED (Vasd) =</li></ul>	85 MPH				
	<ul><li>BUILDING OCCUPANCY TYPE =</li></ul>	II				
		_	I			

	SLOPE FACTOR (CS) =	1.00
	<ul><li>SNOW EXPOSURE FACTOR (Ce) =</li></ul>	1.00
	○ THERMAL FACTOR (T) =	1.00
7.	WIND LOAD:	
	○ ULTIMATE WIND SPEED (Vult) =	110 MPH
	○ SERVICE WIND SPEED (Vasd) =	85 MPH
	○ BUILDING OCCUPANCY TYPE =	II
	<ul><li>WIND EXPOSURE CATEGORY =</li></ul>	С
8.	COMPONENT AND CLADDING WIND LOAD (SERVICE LEVEL):	
	○ WINDOWS WITH TOTAL AREA UP TO 30 SQ. FT. =	19 PSF
	○ WINDOWS WITH TOTAL AREA UP TO 50 SQ. FT. =	18 PSF
	○ WINDOWS WITH TOTAL AREA UP TO 100 SQ. FT. =	17 PSF
	○ MAN DOOR (SINGLE) =	20 PSF
	○ MAN DOOR (DOUBLE) =	18 PSF
9.	SEISMIC LOAD:	
	○ 0.2 SEC MAPPED SPECTRAL RESPONSE ACCELERATION (Ss) =	0.262

 1.0 SEC MAPPED SPECTRAL RESPONSE ACCELERATION (S1) = 0.119 SEISMIC RISK CATEGORY = SEISMIC IMPORTANCE FACTOR (Ie) = 1.00 SITE CLASS = ○ 5% DAMPED SPECTRAL RESPONSE COEFFICIENT (Sds) = 0.227

○ 1 SEC PERIOD SPECTRAL RESPONSE COEFFICIENT (Sd1) = 0.119 SEISMIC DESIGN CATEGORY : • BASIC STRUCTURAL SYSTEM = **BEARING WALL SYSTEM** SEISMIC STRUCTURAL SYSTEM = LIGHT-FRAMED WOOD SHEAR WALLS

• RESPONSE MODIFICATION FACTOR (R) = DEFLECTION AMPLIFICATION FACTOR (Cd) = ANALYSIS PROCEDURE = SEISMIC BASE SHEAR =

SAWCUT JOINT

3/16" x T/3 DEEP

POLYETHYLENE

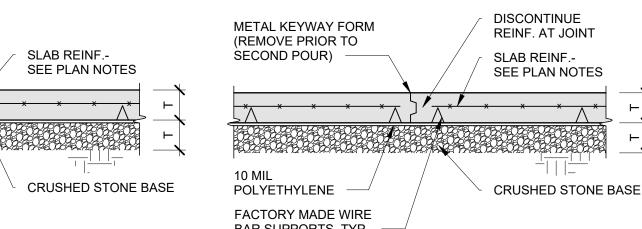
**FACTORY MADE WIRE** 

4.00 **EQUIVALENT LATERAL FORCE** 0.035 \* W

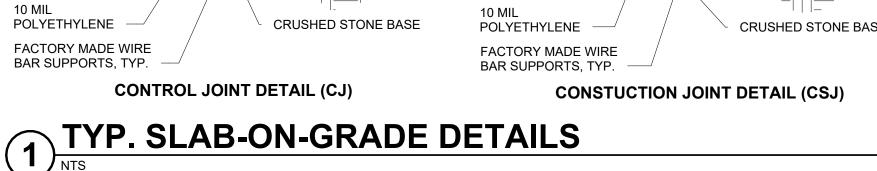
OMIT 10 MIL POLYETHYLENE @ EXTERIOR SLAB.

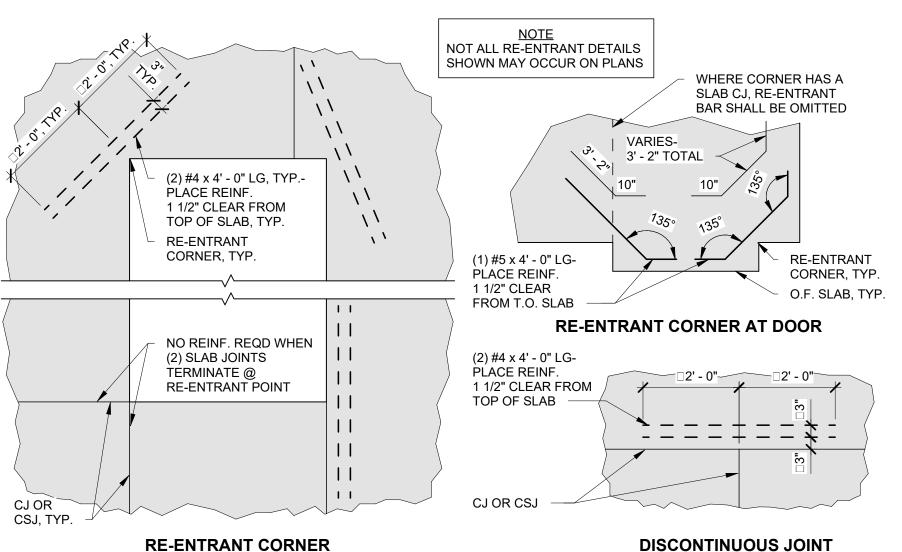
6.50

T = THICKNESS- SEE PLAN NOTES.

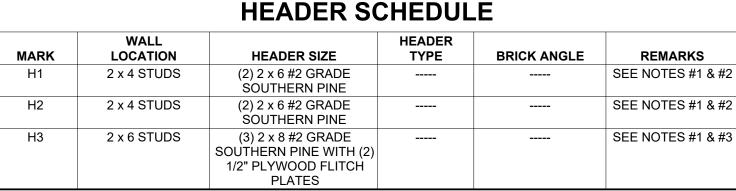


BAR SUPPORTS, TYP. CONTROL JOINT DETAIL (CJ)









#### **DULE NOTES**

- HITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL HEADERS
- A MINIMUM OF (1) KING STUD AND (1) JACK STUD AT JAMBS WHERE HEADER BEARS ON STUD WALL A MINIMUM OF (2) KING STUDS AND (1) JACK STUD AT JAMBS WHERE HEADER BEARS ON STUD WALL JD IS DEFINED AS STUD SUPPORTING THE HEADER. KING STUD IS DEFINED AS FULL HEIGHT STUDS

BEAM SCHEDULE								
MARK	BEAM SIZE	BEAM TYPE REMARK						
B1	6 x 12	#2 GRADE SOUTHERN PINE	SEE NOTE #4					
B2	6 x 12	#2 GRADE SOUTHERN PINE	SEE NOTE #5					
В3	(3) 1 3/4" x 11 1/4"	MICROLLAM LVL	SEE NOTES #4 & #5					
B4	(4) 1 3/4" x 11 1/4"	MICROLLAM LVL	SEE NOTE #3					

- GLUE AND NAIL 2x AND LVL PLIES TOGETHER WITH (2) ROWS OF 16d NAILS AT 12" oc ON BOTH SIDES WITH 2"
- EDGE DISTANCE LAMINATED VENEER LUMBER (LVL) SHALL BE 1.9E TRUS JOIST MICROLLAM LVL AS MANUFACTURED BY

5. BEAM SHALL BE CONTINUOUS OVER INTERMEDIATE POST. STAGGER ALL SPLICES 3' - 0" MINIMUM.

- 3. PROVIDE A MINIMUM OF (5) 2 imes 4 STUDS AT JAMBS WHERE BEAM BEAR ON STUD WALL. 4. PROVIDE A MINIMUM OF (3) 2 x 6 STUDS AT JAMBS WHERE BEAM BEAR ON STUD WALL
- BEAM SCHEDULE NOTES

PROVIDE CORNER BARS

HORIZONTAL REINF., TYP

SAME SIZE & SPACING AS

TYP. CORNER BAR DETAIL

NTS

**BOLT PROJECTION MAY BE FIELD** 

CUT AS NEEDED FOR CLEARANCE

AT STAND-OFF POST BASE AFTER

NUT & FLAT

T.O. FTG EL. OR

T.O. PED. EL.

A307 ROD

TACK WELD

NUT TO ROD

1/4" x 3" x 3" PL

TACK WELD

TYP. ANCHOR BOLT DETAIL

NTS

NUT, TYP.

WASHER

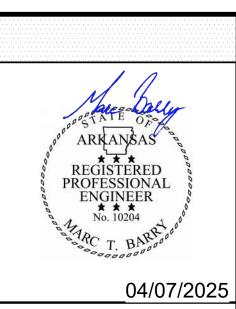
INSTALLATION OF WASHER AND NUT

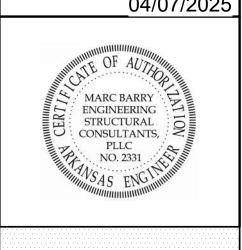
WEYERHAEUSER, OR APPROVED EQUAL

STRUCTURAL CONSULTANTS SEOR PROJECT NUMBER: Drawn By:

MARC BARRY 860 WILDFLOWER LAN ROGERS, ARKANSAS 72756 479.936.7600 (F 479.936.7601 ( 25021 CHECKED BY: MTB

Level 5 Architecture Mansfield, TX | Springdale, AR level5architecture.com





PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC **MEDICAL DETOX AND CAMPUS** IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A 04/07/2025 ISSUE DATE: **REVISIONS:** 

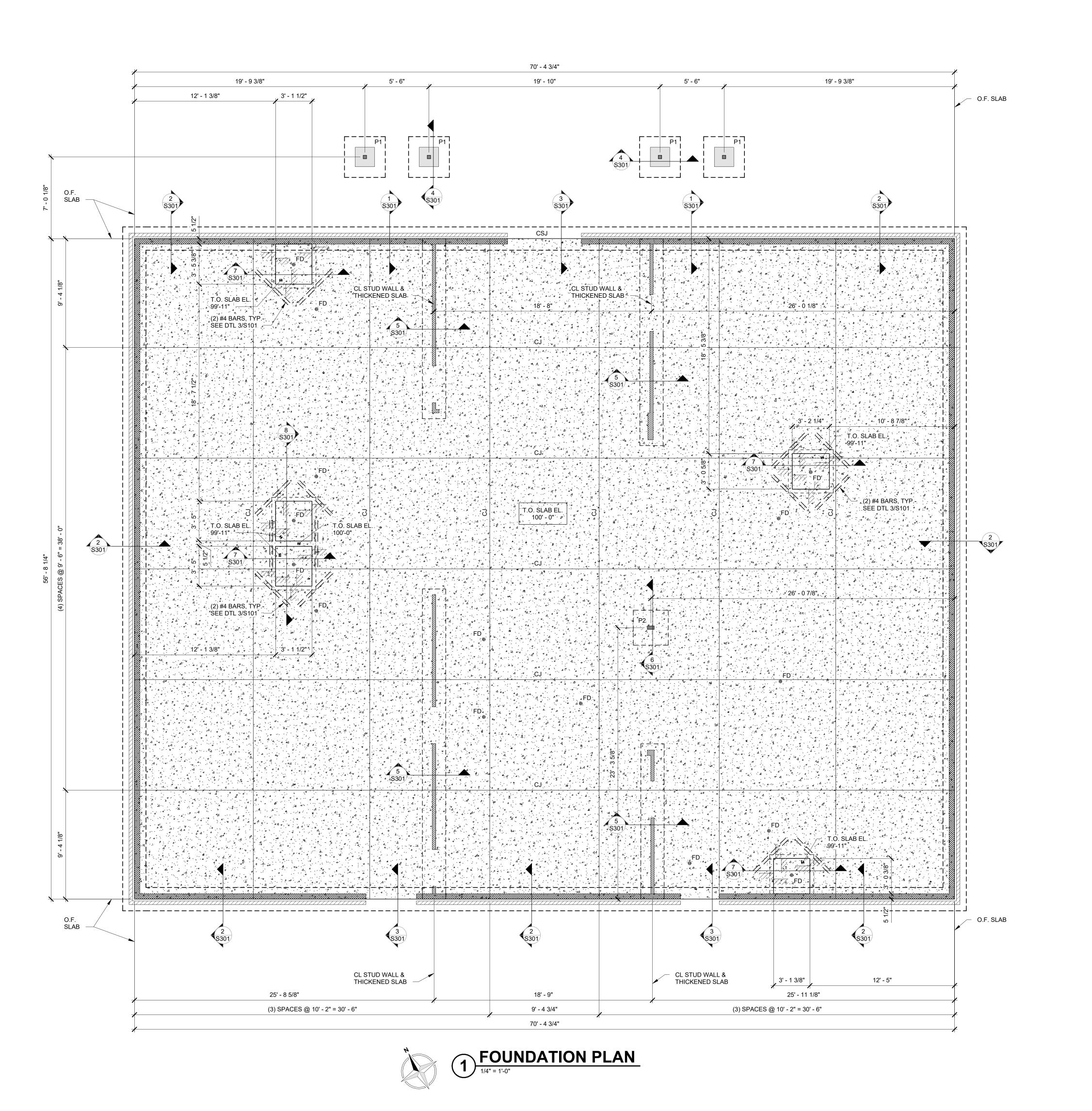
GENERAL NOTES, SCHEDULES & TYP.

**DETAILS** 

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SHEET NUMBER:

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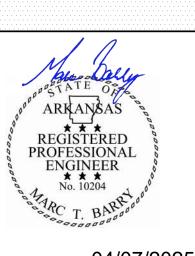
860 Wildflower Lane SEOR PROJECT NUMBER:

Drawn By:

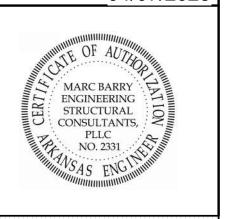
Rogers, Arkansas 72756 479.936.7600 (P) 479.936.7601 (F) 25021 EBT CHECKED BY: MTB



Level 5 Architecture Mansfield, TX | Springdale, AR level5architecture.com



04/07/2025



PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC **MEDICAL DETOX AND** CAMPUS **IMPROVEMENTS** 

65 ARVAC LN RUSSELLVILLE, AR 72802

23-20A PROJECT NUMBER: 04/07/2025 ISSUE DATE:

DENOTES BRICK VENEER (SEE ARCH. DWGS) DENOTES ELEVATION CHANGE DENOTES #2 GRADE SOUTHERN PINE

DENOTES 3 1/2" x 7" TRUS-JOIST PARALLAM PSL POST

**FOUNDATION PLAN NOTES** 

6 x 6 - W1.4 x W1.4 WWF ON 10 MIL POLYETHYLENE FILM

ELEVATION 353.50' AS ESTABLISHED ON GRADING PLAN BY

TOP OF FOOTING ELEVATION 98'-8", UNLESS NOTED

"CJ" DENOTES CONTROL JOINT OR CONSTRUCTION JOINT

"CSJ" DENOTES CONSTRUCTION JOINT (SEE DETAIL 1/S101

SEE ARCH. AND PLUMBING DRAWINGS FOR LOCATIONS OF

SEE ARCH. AND CIVIL DRAWINGS FOR DIMENSIONS NOT

FOUNDATION PLAN LEGEND

DENOTES OUTSIDE FACE

DENOTES FLOOR DRAIN

(SEE PLAN NOTES)

(SEE DETAILS)

DENOTES TOP OF FOOTING

DENOTES LIMITS OF INTERIOR 4" SOG

DENOTES LOAD BEARING STUD WALL

DENOTES CONCRETE PEDESTAL

DENOTES TOP OF

EARTHPLAN DESIGN ALTERNATIVES, PA.

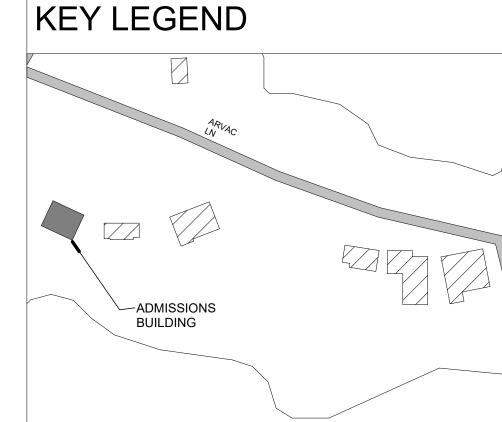
TYPICAL DETAILS.

(SEE DETAIL 1/S101).

ALL FLOOR DRAINS.

SHOWN.

T.O.



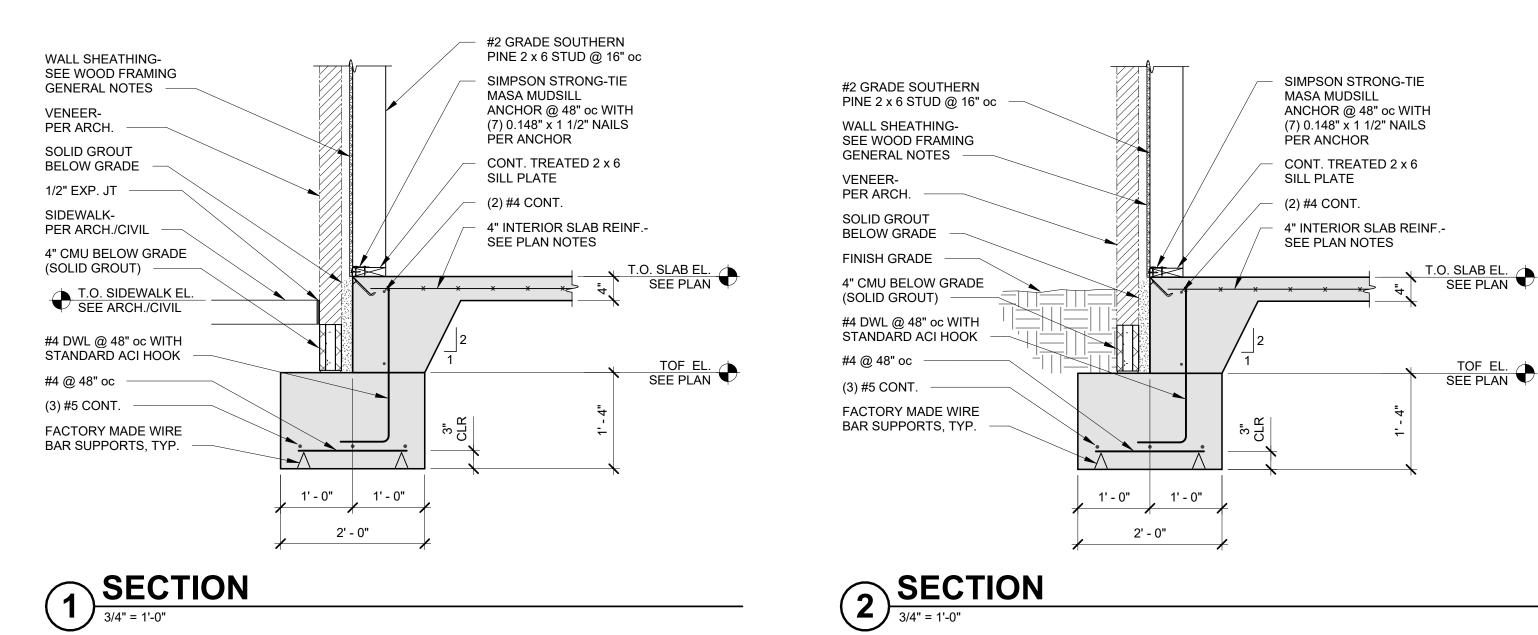
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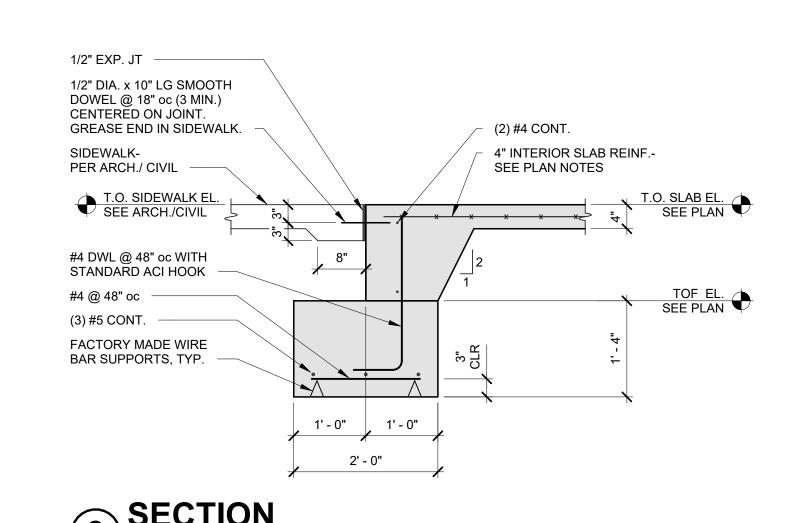
**REVISIONS**:

FOUNDATION PLAN

SHEET NUMBER:

4/4/2025 3:10:32 PM







CL POST AND THICKENED SLAB

CONT. TREATED 2 x 6 SILL PLATE

INTERIOR POST-

(4) #4 EACH WAY

SEE PLAN NOTES

4" INTERIOR SLAB REINF.-

SEE PLAN

3' - 0" x 3' - 0"



MARC BARRY

**ENGINEERING** 

STRUCTURAL CONSULTANTS

SEOR PROJECT NUMBER:

Drawn By:

CHECKED BY:

860 Wildflower Lane

479.936.7600 (P)

479.936.7601 (F)

25021

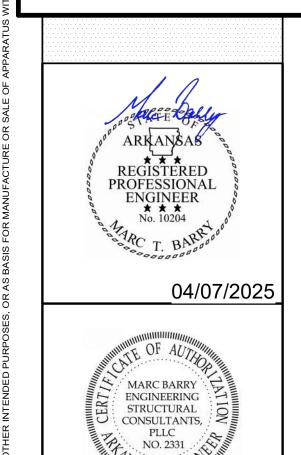
EBT

MTB

Rogers, Arkansas 72756

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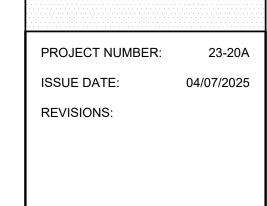
PROJECT INFORMATION:

ARVAC, INC ATTN:

AMANDA ATKINSON

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

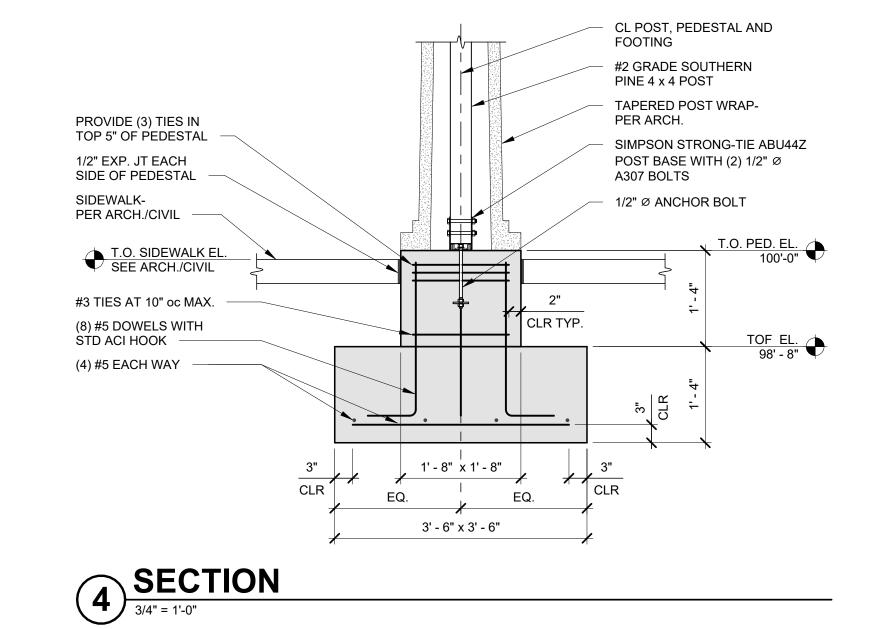


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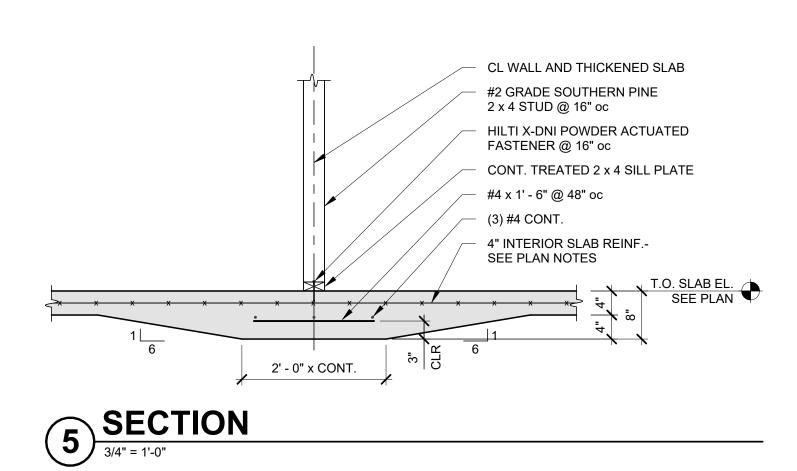
FOUNDATION DETAILS

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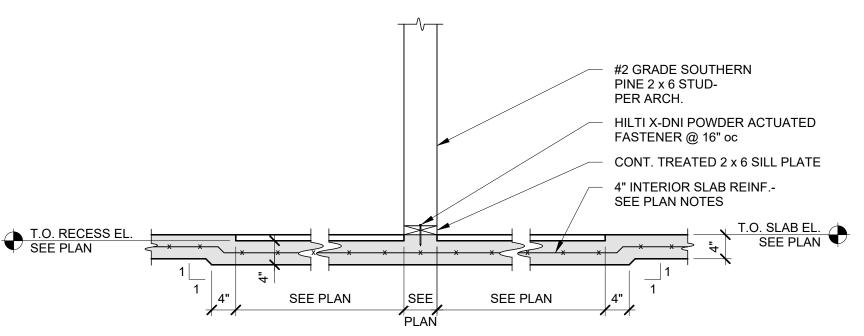
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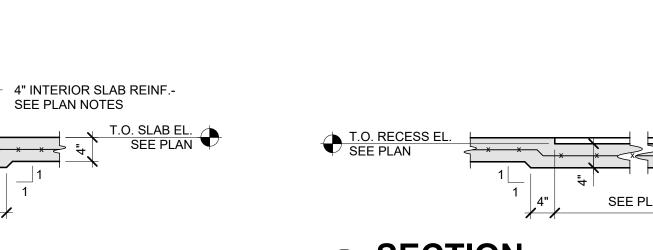


**SECTION**3/4" = 1'-0"

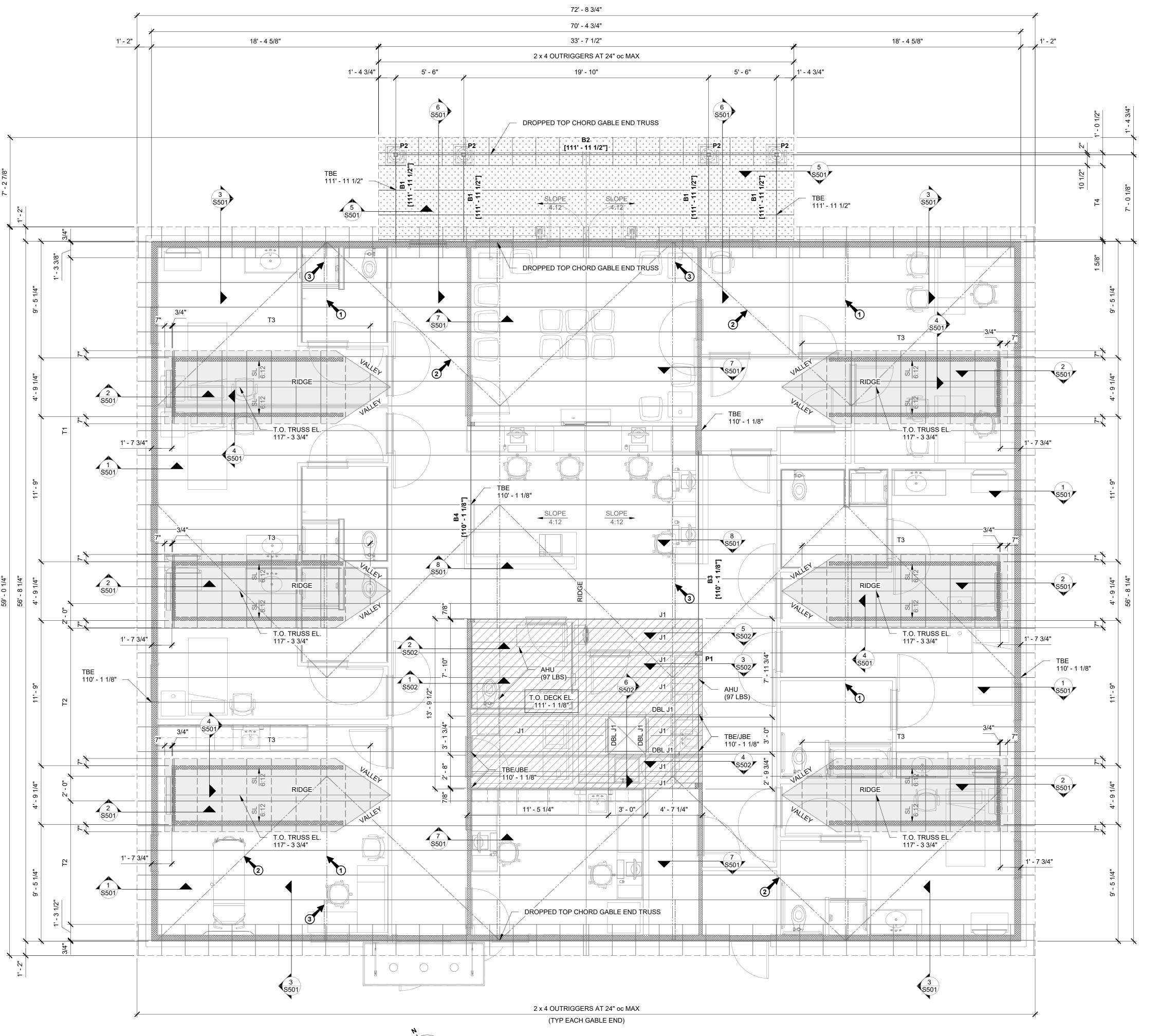












MARC BARRY ENGINEERING STRUCTURAL CONSULTANTS

> 860 Wildflower Lane Rogers, Arkansas 72756 479.936.7600 (P) 479.936.7601 (F)

> > EBT

SEOR PROJECT NUMBER: 25021 Drawn By: CHECKED BY: MTB

**ROOF PLAN NOTES** 

. ROOF SHEATHING SHALL BE 19/32" APA RATED PLYWOOD

CLASSIFICATION. ATTACH SHEATHING TO TRUSSES AND

OUTRIGGERS WITH 10d COMMON NAILS AT 6" oc ALONG PANEL EDGES AND 12" oc AT INTERMEDIATE TRUSSES AND OUTRIGGERS. PROVIDE SHEATHING CLIPS BETWEEN

. EXTERIOR STUD WALLS SHALL BE SHEATHED FULL HEIGHT

WITH 15/32" APA RATED PLYWOOD OR OSB SHEATHING ON THE OUTSIDE FACE OF WALL. SEE GENERAL NOTES FOR

. INTERIOR LOAD-BEARING STUD WALLS SHALL BE SHEATHED

0.086" x 1 5/8" WALLBOARD NAILS, 0.120" x 1 1/2" WALLBOARD

FULL HEIGHT WITH 1/2" GYPSUM BOARD ON EACH FACE OF WALL. ATTACHMENT TO STUDS SHALL BE 5d COOLER NAILS

NAILS, OR #6 x 1 1/4" TYPE S OR W DRYWALL SCREWS AT

4. SEE DRAWING S101 FOR GENERAL NOTES, SCHEDULES AND

6. ALL ELEVATIONS GIVEN ARE BASED ON ASSUMED BUILDING

7. ALL TRUSSES AND OUTRIGGERS ARE SPACED AT 24" oc

TRUSS BRACING NOTES

BRACING ATTACHED TO THE TOP OF TRUSS BOTTOM

#3 GRADE SOUTHERN PINE 2 x 4 VERTICAL X-BRACING

#3 GRADE SOUTHERN PINE 2 x 4 HORIZONTAL

CHORD. SPACE BRACING AT 15' - 0" oc MAX, TYP.

2 SPACE BRACING AT 20 - 0" oc MAX, TYP.

#3 GRADE SOUTHERN PINE 2 x 4 DIAGONAL BRACING ATTACHED TO TOP OF TRUSS BOTTOM CHORD.

EXTENDING FROM TRUSS TOP CHORD TO BOTTOM CHORD. SPACE BRACING AT 20' - 0" oc MAX, TYP.

**ROOF PLAN LEGEND** 

(ITEMS MAY NOT APPEAR ON ALL PLANS)

DENOTES OUTSIDE FACE

**DENOTES TRUSS BEARING ELEVATION** 

DENOTES JOIST BEARING ELEVATION

MICROLLAM LVL JOIST AT 24" oc MAX.

DENOTES DIRECTION AND PITCH OF

DENOTES LOAD BEARING STUD WALL

STUD WALL (SEE ARCH. DWGS)

DENOTES LIMITS OF LOW ROOF

DENOTES BRICK VENEER

(SEE ARCH. DWGS)

DENOTES INTERIOR NON-LOAD BEARING

DENOTES CENTER LINE

DENOTES TRUSS MARK

DENOTES BEAM MARK

(SEE SCHEDULE ON S101)

DENOTES HEADER MARK (SEE SCHEDULE ON S101)

DENOTES 1 3/4" x 11 1/4" 1.9E

(SEE 1/S601)

ROOF SLOPE

4:12

**KEY LEGEND** 

-ADMISSIONS BUILDING

DENOTES TOP OF

8. SEE FOUNDATION PLAN AND ARCH. DRAWINGS FOR

5. SEE DRAWING S601 FOR TRUSS DIAGRAMS.

FINISHED FLOOR ELEVATION 100' - 0".

(UNLESS NOTED OTHERWISE).

DIMENSIONS NOT SHOWN.

OR OSB SHEATHING (40/20) WITH EXPOSURE I

ATTACHMENT REQUIREMENTS.

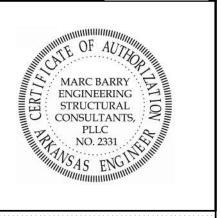
TYPICAL DETAILS.



Level 5 Architecture Mansfield, TX | Springdale, AR level5architecture.com

> ARKANSAS REGISTERED **PROFESSIONAL** ENGINEER No. 10204

> > 04/07/2025



PROJECT INFORMATION:

ARVAC, INC ATTN: **AMANDA ATKINSON** 

ARVAC, INC **MEDICAL DETOX AND** CAMPUS IMPROVEMENTS |

65 ARVAC LN RUSSELLVILLE, AR 72802

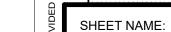
PROJECT NUMBER: 23-20A

04/07/2025

ISSUE DATE: **REVISIONS:** 

SHEATHING (SEE PLAN NOTES) DENOTES LIMITS OF 23/32" PLYWOOD MECHANICAL MEZZANINE SHEATHING

DENOTES LIMITS OF OVERFRAMING



ROOF FRAMING PLAN

SHEET NUMBER:

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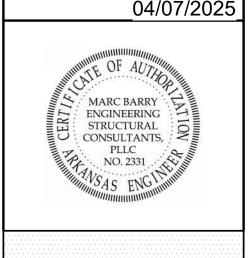




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REGISTERED PROFESSIONAL ENGINEER
No. 10204

04/07/2025



PROJECT INFORMATION:

ARVAC, INC ATTN:

AMANDA ATKINSON

ARVAC, INC
MEDICAL
DETOX AND
CAMPUS
IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A
ISSUE DATE: 04/07/2025
REVISIONS:

SHEET NAME:

**HEADER PLAN NOTES** 

DETAILS.

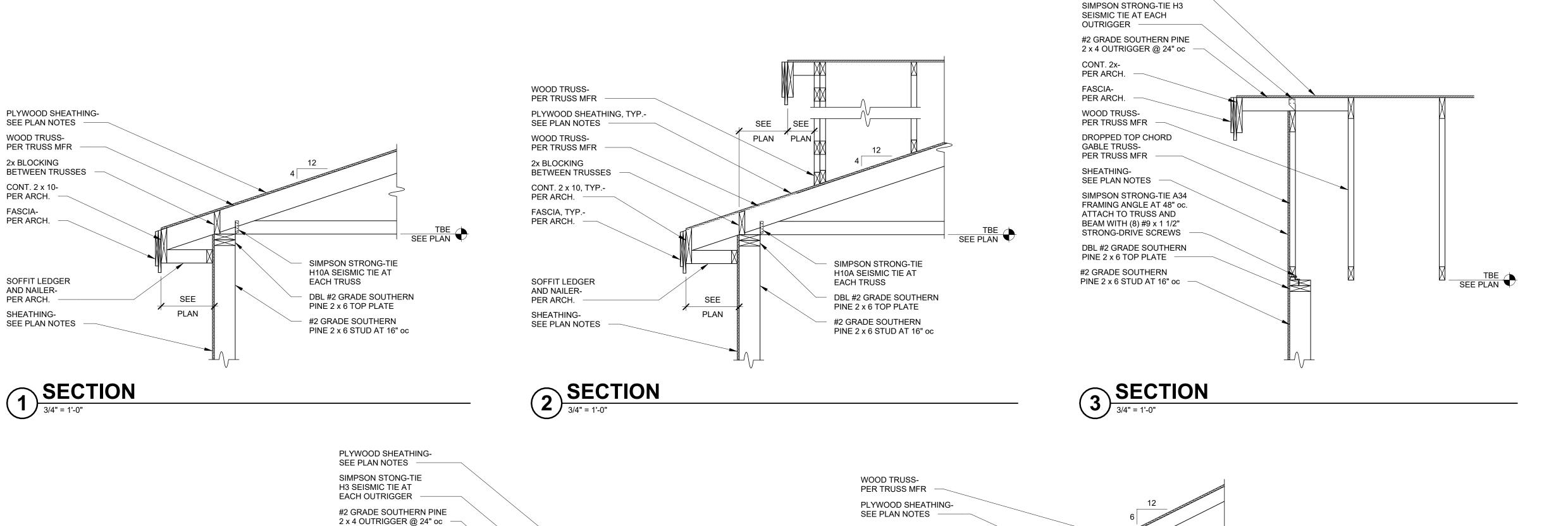
2. SEE FOUNDATION PLAN AND ARCH. DRAWINGS FOR DIMENSIONS NOT SHOWN.

KEY LEGEND

HEADER PLAN

SHEET NUMBER:





SEE PLAN

SIMPSON STRONG-TIE HTS30

SEISMIC STRAP (HTS30-REV

#2 GRADE SOUTHERN PINE

2 x 6 BLOCKING BETWEEN

DBL #2 GRADE SOUTHERN

PLYWOOD BETWEEN PLYS

(4) #2 GRADE SOUTHERN

**BELOW BEAM** 

PINE 2 x 6 STUDS CENTERED

TRUSSES AT BEAM BEARING

PINE 2 x 4 BLOCKING WITH 1/2"

ON OPPOSITE FÀCE)

CONT. 2x-

PER ARCH.

PER ARCH.

DROPPED TOP

SEE PLAN NOTES

PER TRUSS MFR

SIMPSON STRONG-TIE

FIELD TRIM 2x BLOCKING AS

NEEDED TO PROVIDE SOLID

BEARING BELOW BEAM AND

PROVIDE 1/2" PLYWOOD

TRUSS BOTTOM CHORD

DBL #2 GRADE SOUTHERN

PINE 2 x 6 TOP PLATE

BETWEEN PLYS

SHEATHING-

SEE PLAN NOTES

H2.5A SEISMIC TIE EACH SIDE OF TRUSS

BEAM-SEE PLAN SHEATHING-

WOOD TRUSS-

CHORD GABLE TRUSS

FASCIA-

PLYWOOD SHEATHING-

#2 GRADE SOUTHERN PINE

2 x 4 OUTRIGGER @ 24" oc

DROPPED TOP CHORD GABLE TRUSS

SIMPSON STRONG-TIE H10A SEISMIC TIE AT EACH TRUSS

SIMPSON STRONG-TIE A34

FRAMING ANGLE AT 48" oc. ATTACH TO TRUSS AND

BEAM WITH (8) #9 x 1 1/2" STRONG-DRÌVE SCREWS

SIMPSON STRONG-TIE

ECCLQ646 POST CAP

**SECTION**3/4" = 1'-0"

POST-

SEE PLAN

SEE

PLAN

TBE SEE PLAN

SEE PLAN NOTES

H3 SEISMIC TIE AT

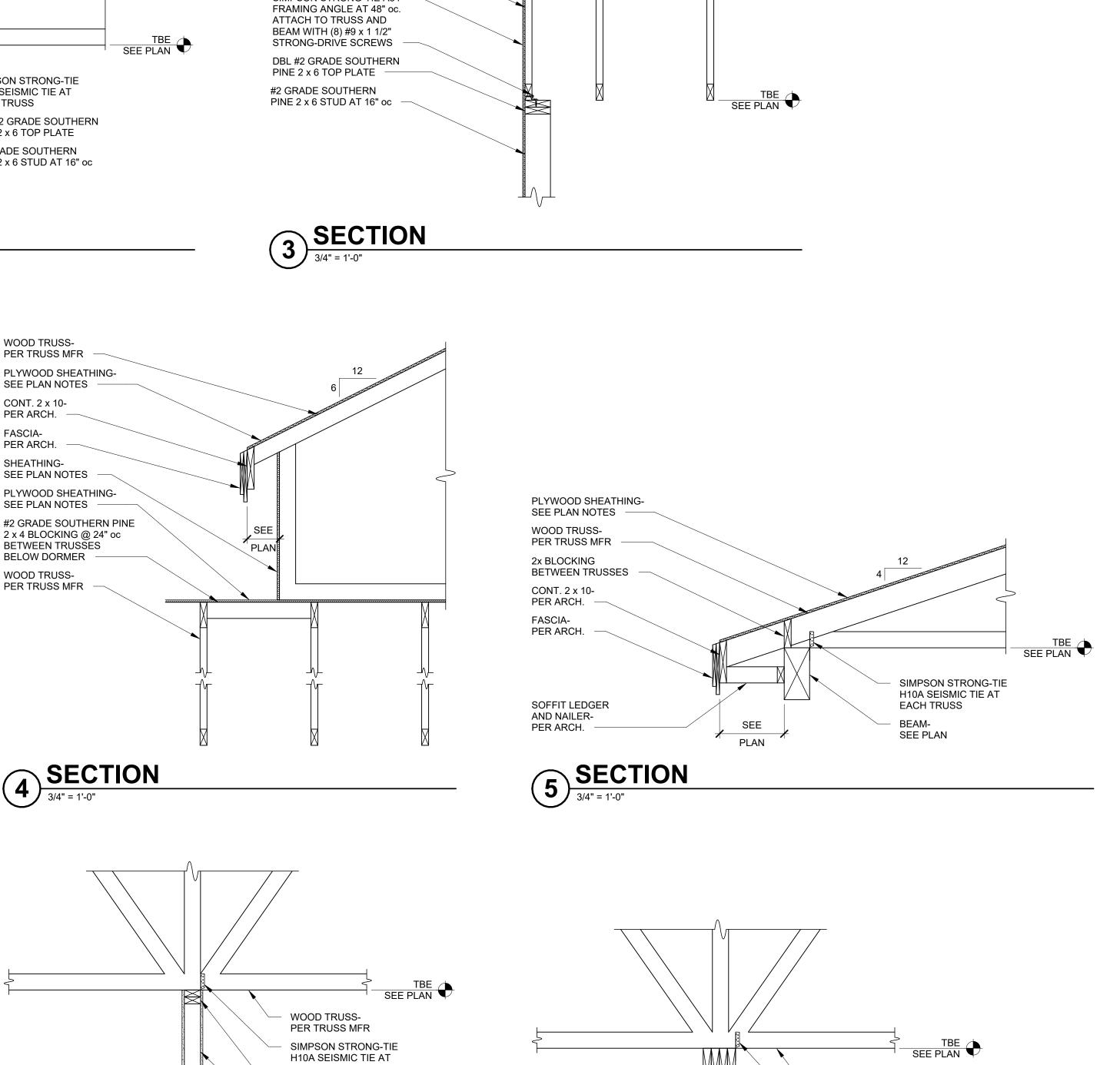
EACH OUTRIGGER

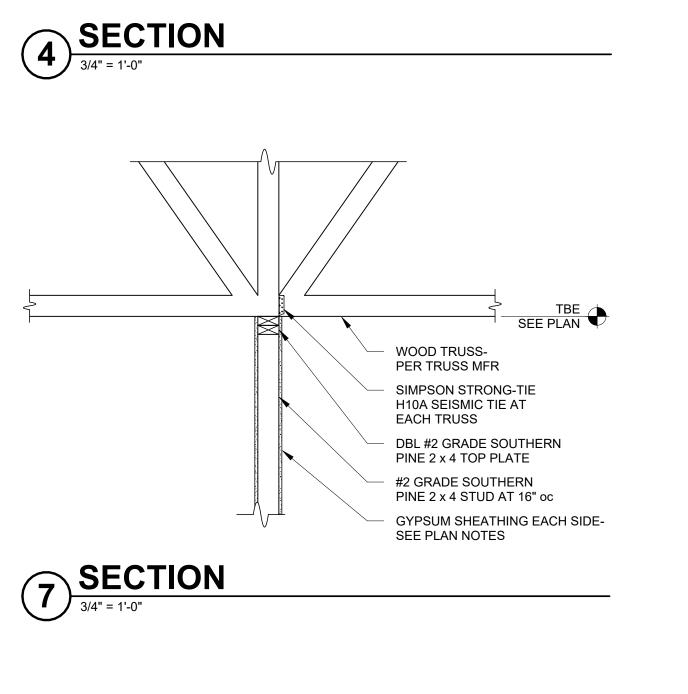
CONT. 2x-

FASCIA-PER ARCH.

PER ARCH.

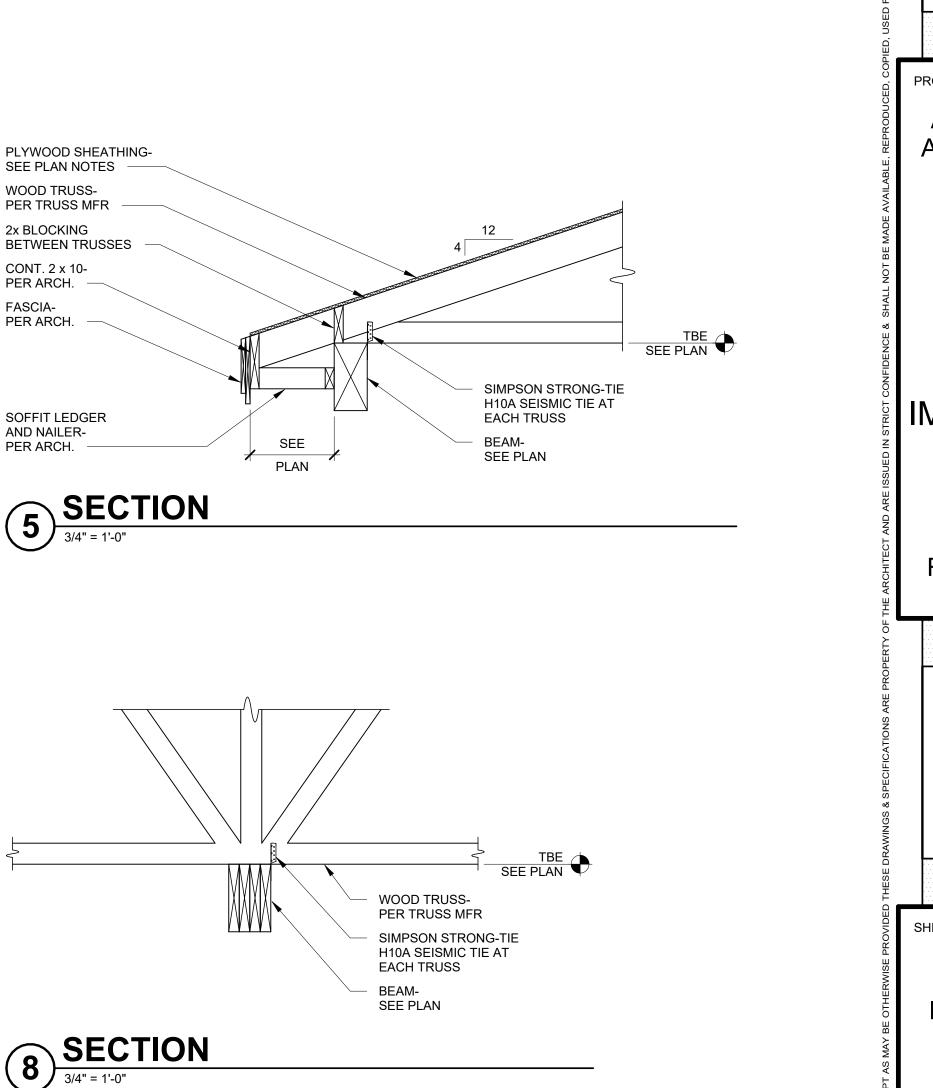
SIMPSON STONG-TIE





PLYWOOD SHEATHING-

SEE PLAN NOTES



LEVEL 25021 EBT MTB Level 5 Architecture Mansfield, TX | Springdale, AR level5architecture.com ARKANSAS REGISTERED **PROFESSIONAL** ENGINEER No. 10204 04/07/2025 MARC BARRY ENGINEERING STRUCTURAL CONSULTANTS, PROJECT INFORMATION: ARVAC, INC ATTN: **AMANDA ATKINSON** ARVAC, INC **MEDICAL DETOX AND** CAMPUS IMPROVEMENTS 72802 PROJECT NUMBER: ISSUE DATE: **REVISIONS:** SHEET NAME: SHEET NUMBER:

MARC BARRY

**ENGINEERING** 

STRUCTURAL CONSULTANTS

SEOR PROJECT NUMBER:

Drawn By: CHECKED BY: 860 Wildflower Lane

479.936.7600 (P) 479.936.7601 (F)

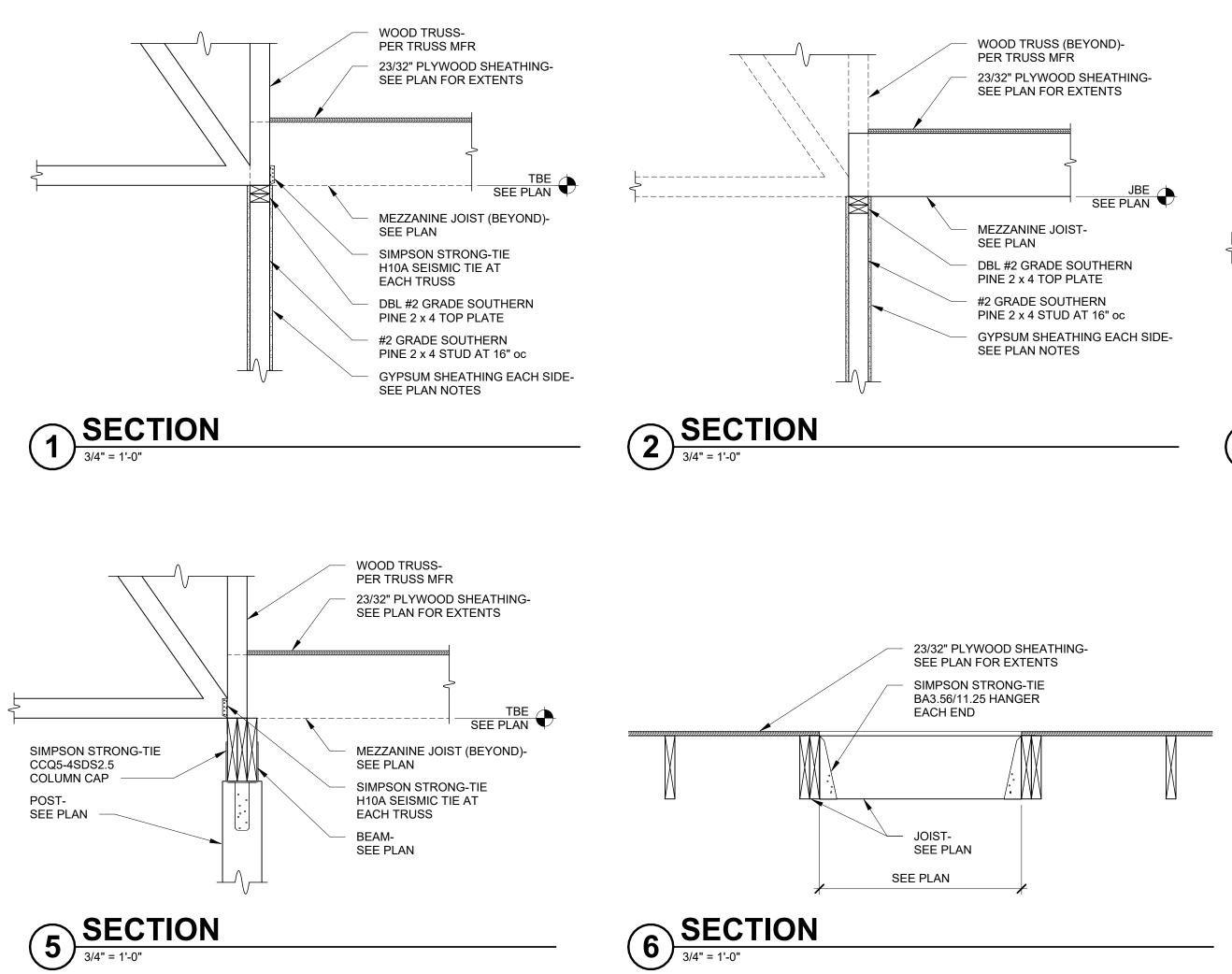
Rogers, Arkansas 72756

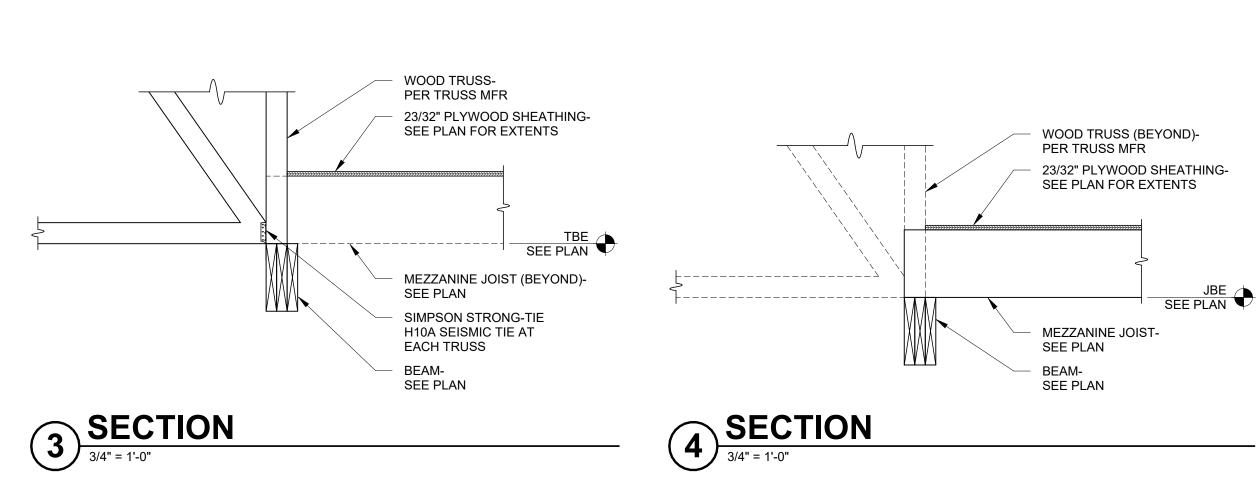
65 ARVAC LN RUSSELLVILLE, AR

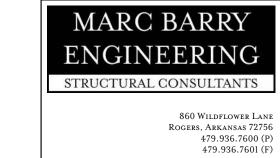
23-20A 04/07/2025

FRAMING DETAILS

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HOME@MBEPC.COM

SEOR PROJECT NUMBER: 25021

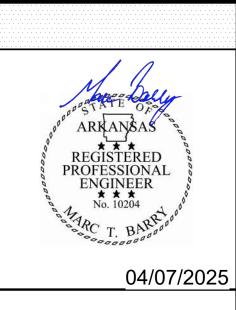
DRAWN BY: EBT

CHECKED BY: MTB

LEVEL 5

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O4/07/2025

O4/07/2025

MARC BARRY ENGINEERING STRUCTURAL CONSULTANTS, PLLC NO. 2331

MARC BARRY ENGINEERING STRUCTURAL STRUCTURAL NO. 2331

MARC BARRY ENGINEERING STRUCTURAL NO. 2331

MARC BARRY ENGINEERING STRUCTURAL NO. 2331

MARC BARRY ENGINEERING STRUCTURAL NO. 2331

PROJECT INFORMATION:

ARVAC, INC ATTN:

AMANDA ATKINSON

ARVAC, INC
MEDICAL
DETOX AND
CAMPUS
IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

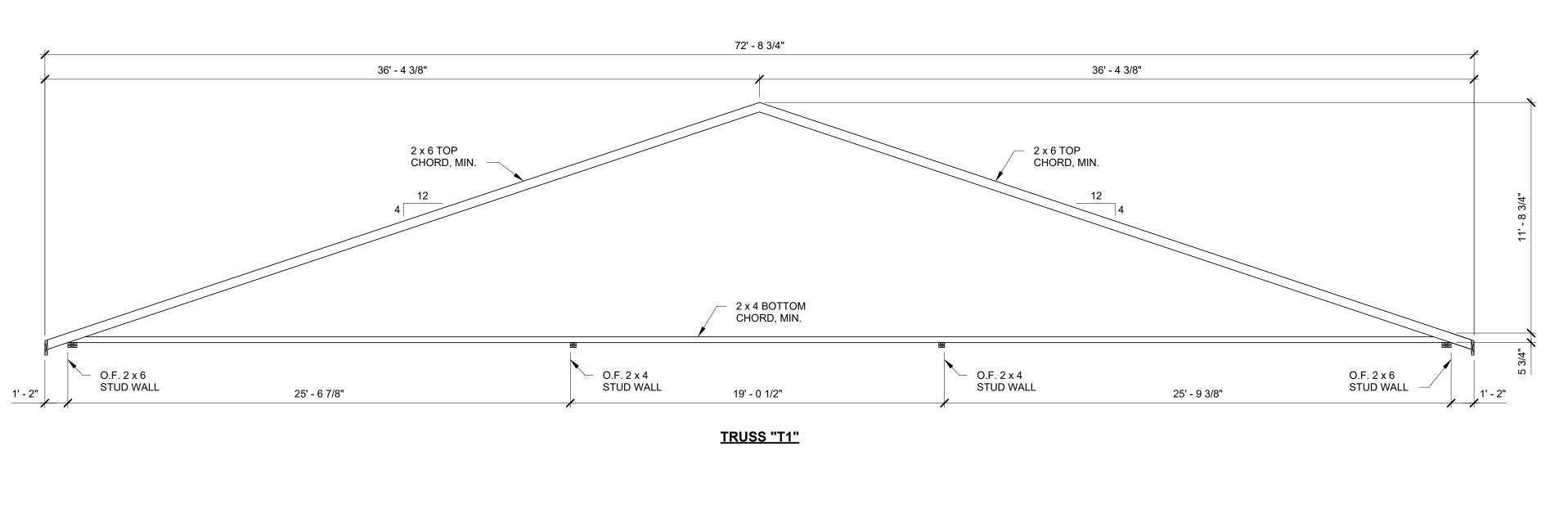
PROJECT NUMBER: 23-20A
ISSUE DATE: 04/07/2025
REVISIONS:

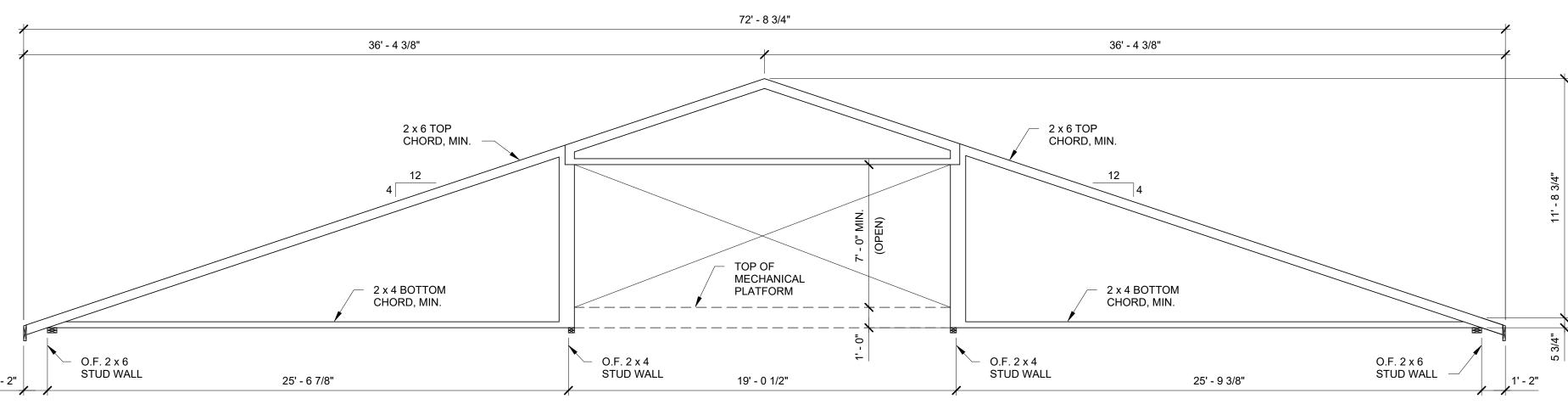
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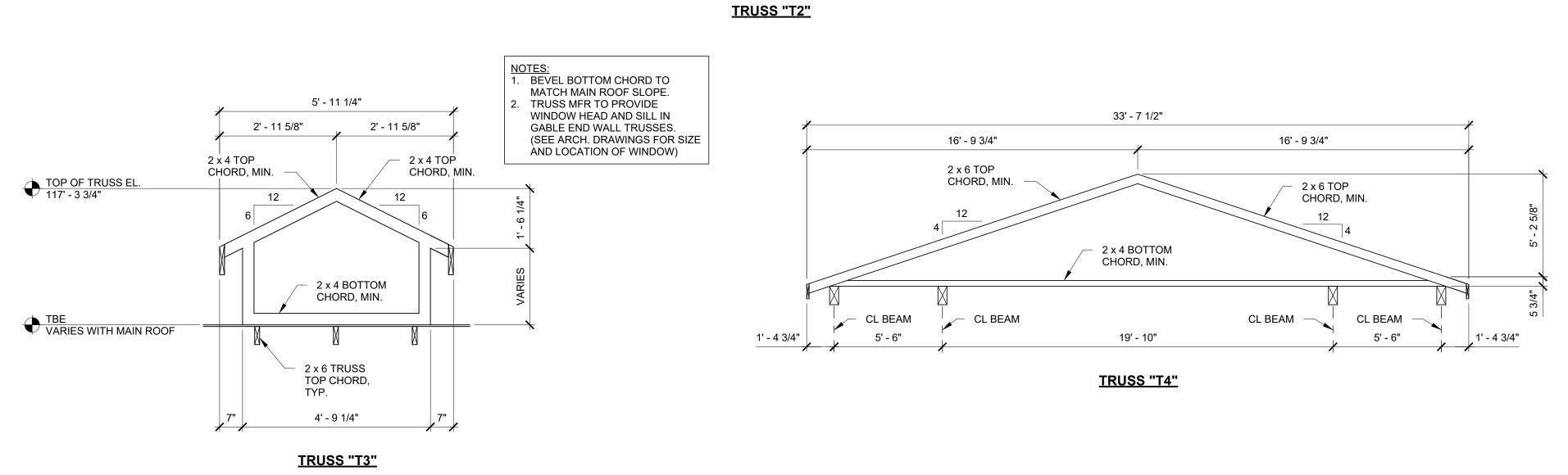
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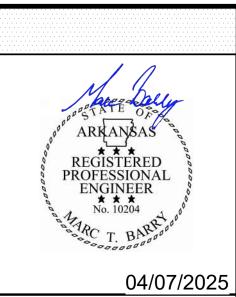
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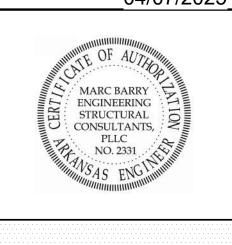


860 Wildflower Lane Rogers, Arkansas 72756 479.936.7600 (P) 479.936.7601 (F) 25021 EBT SEOR Project Number: Drawn By: MTB CHECKED BY:



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PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC MEDIĆAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

23-20A PROJECT NUMBER: 04/07/2025 ISSUE DATE: **REVISIONS**:

SHEET NAME:

TRUSS DIAGRAMS

SHEET NUMBER:

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### DEMOLITION GENERAL NOTES

- 1. THE INTENT OF THE DEMOLITION PLAN IS TO REMOVE ALL ITEMS NOT REQUIRED FOR NEW CONSTRUCTION; OR THAT ARE IN CONFLICT WITH NEW CONSTRUCTION, WHETHER OR NOT INDIVIDUALLY INDICATED. THE CONTRACTOR SHALL REMOVE ALL SUCH ITEMS AS REQUIRED FOR CONSTRUCTION INCLUDING BUT NOT LIMITED TO LIGHT FIXTURES, ELECTRICAL DEVICES, MECHANICAL REGISTERS, PLUMBING FIXTURES, TOILET ACCESSORIES, ETC. THESE ITEMS ARE TO BE SALVAGED AND RETURNED TO OWNER. NO ITEMS REMOVED DURING DEMOLITION MAY BE REUSED IN NEW SCOPE OF WORK WITHOUT WRITTEN APPROVAL OF THE ARCHITECT/OWNER, UNLESS NOTED OTHERWISE.
- VERIFY LOCATION OF EXISTING UTILITY LINES PRIOR TO EXCAVATION. THESE
  LINES ARE TO REMAIN UNDISTURBED DURING CONSTRUCTION. NOTIFY
  ARCHITECT OF ANY POTENTIAL CONFLICTS PRIOR TO CONSTRUCTION.
   CONTRACTOR SHALL PROTECT EXISTING STRUCTURE / ASSEMBLIES / FOLLIPMENT
- 3. CONTRACTOR SHALL PROTECT EXISTING STRUCTURE/ ASSEMBLIES/ EQUIPMENT AS REQUIRED FROM DEMOLITION WORK. REPAIR, PATCH, REPLACE EXISTING CONSTRUCTED ITEMS AND EQUIPMENT THAT ARE TO REMAIN AS REQUIRED FOR NEW CONSTRUCTION.
- 4. CONTRACTOR TO PATCH/REPAIR ALL AREAS RESULTING FROM DEMOLITION AND PREPARE SUCH SURFACES TO RECEIVE SCHEDULED FINISHES.
- 5. REFER TO MECHANICAL, PLUMING, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL DEMOLITION COORDINATION.
- 6. REMOVE ALL WASTE, REFUSE & DEBRIS ACCUMULATED FROM DEMOLITION FROM THE PREMISES. SPECIAL CARE SHOULD BE TAKEN TO REMOVE ALL NAILS AND FASTENERS FROM SITE. ALL DEMOLITION MATERIALS NOT CITED FOR REUSE OR TO BE RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR. ALL DEBRIS REMOVED FROM SITE SHALL BE DISPOSED OF IN AN CERTIFIED LANDFILL.
- 7. REMOVE ALL ACCESSORIES NOT INDICATED ON PLANS THAT ARE DIRECTLY AFFECTED BY ADJACENT DEMOLITION (I.E. MIRRORS, HANDRAILS, GRAB BARS, SHELVING, ETC.)
- 8. PROVIDE BLOCKING AND POTENTIAL REPAIR FOR NEW TOILET ACCESSORIES.

# DEMO NOTES BY NUMBER (X)

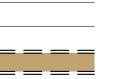
- ① DEMOLISH EXISTING POST
- ② DEMOLISH EXISTING STAIRCASE③ CUT OPENING IN EXISTING WALL FOR PASS THRU CABINET PER A202;
- PREP WALL FOR ADEQUATE BRACING
- REMOVE DOOR & HARDWARE; PROTECT EXISTING DOOR TRIM TO BE REAPPLIED ON NEW DOOR
- ⑤ REMOVE EXISTING CASEWORK
- SAWCUT EXISTING SLAB OUT INSIDE THESE DIMENSIONS IN ORDER TO INSTALL NEW PLUMBING FIXTURES
- ① DEMOLISH INTERIOR WALL ASSEMBLIES IN THEIR ENTIRETY
- 8 DEMOLISH EXISTING WINDOWS AND PREP OPENING FOR NEW DOOR



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# **DEMOLITION LEGEND**

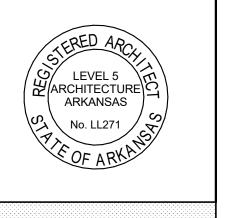


EXISTING TO REMAIN

---WOMEN'S DORM



04.07.2025



PROJECT INFORMATION:

ARVAC, INC
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65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A
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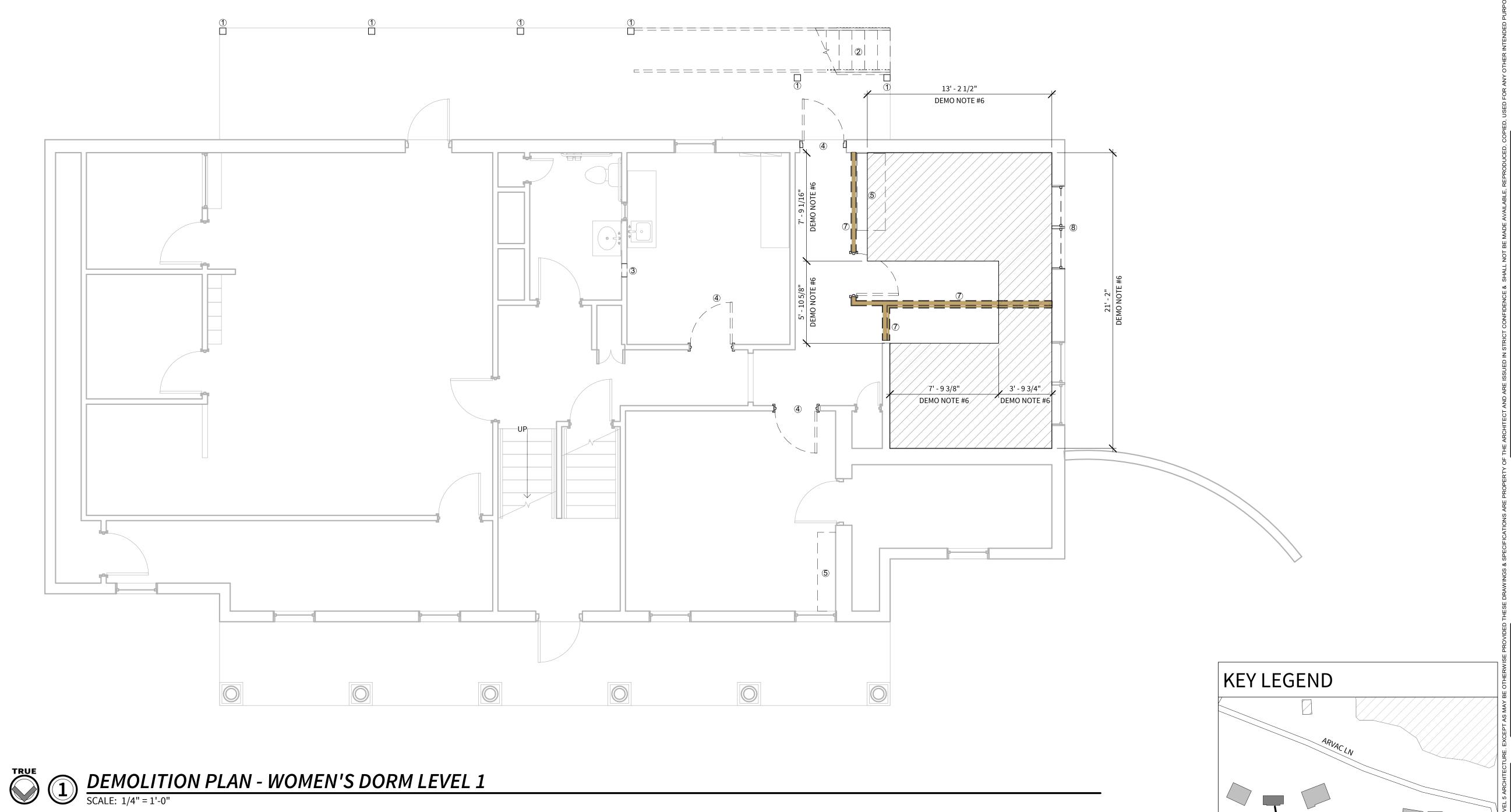
IEET NAME:

DEMOLITION PLAN LEVEL 1

SHEET NUMBER:

D201

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### DEMOLITION GENERAL NOTES

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- 6. REMOVE ALL WASTE, REFUSE & DEBRIS ACCUMULATED FROM DEMOLITION FROM THE PREMISES. SPECIAL CARE SHOULD BE TAKEN TO REMOVE ALL NAILS AND FASTENERS FROM SITE. ALL DEMOLITION MATERIALS NOT CITED FOR REUSE OR TO BE RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR. ALL DEBRIS REMOVED FROM SITE SHALL BE DISPOSED OF IN AN CERTIFIED LANDFILL.
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- 8. PROVIDE BLOCKING AND POTENTIAL REPAIR FOR NEW TOILET ACCESSORIES.

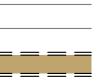
# DEMO NOTES BY NUMBER (X)

- ① DEMOLISH EXISTING DOOR AND PREP OPENING FOR NEW WINDOW PER
- ② DEMOLISH EXISTING DECK BOARDS, FRAMING, STAIRS AND HANDRAILS ③ REMOVE EXISTING CASEWORK



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# **DEMOLITION LEGEND**



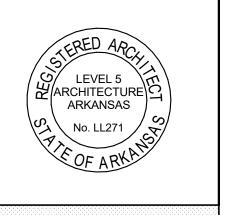
**KEY LEGEND** 

---WOMEN'S DORM

**EXISTING TO REMAIN** 



04.07.2025



PROJECT INFORMATION:

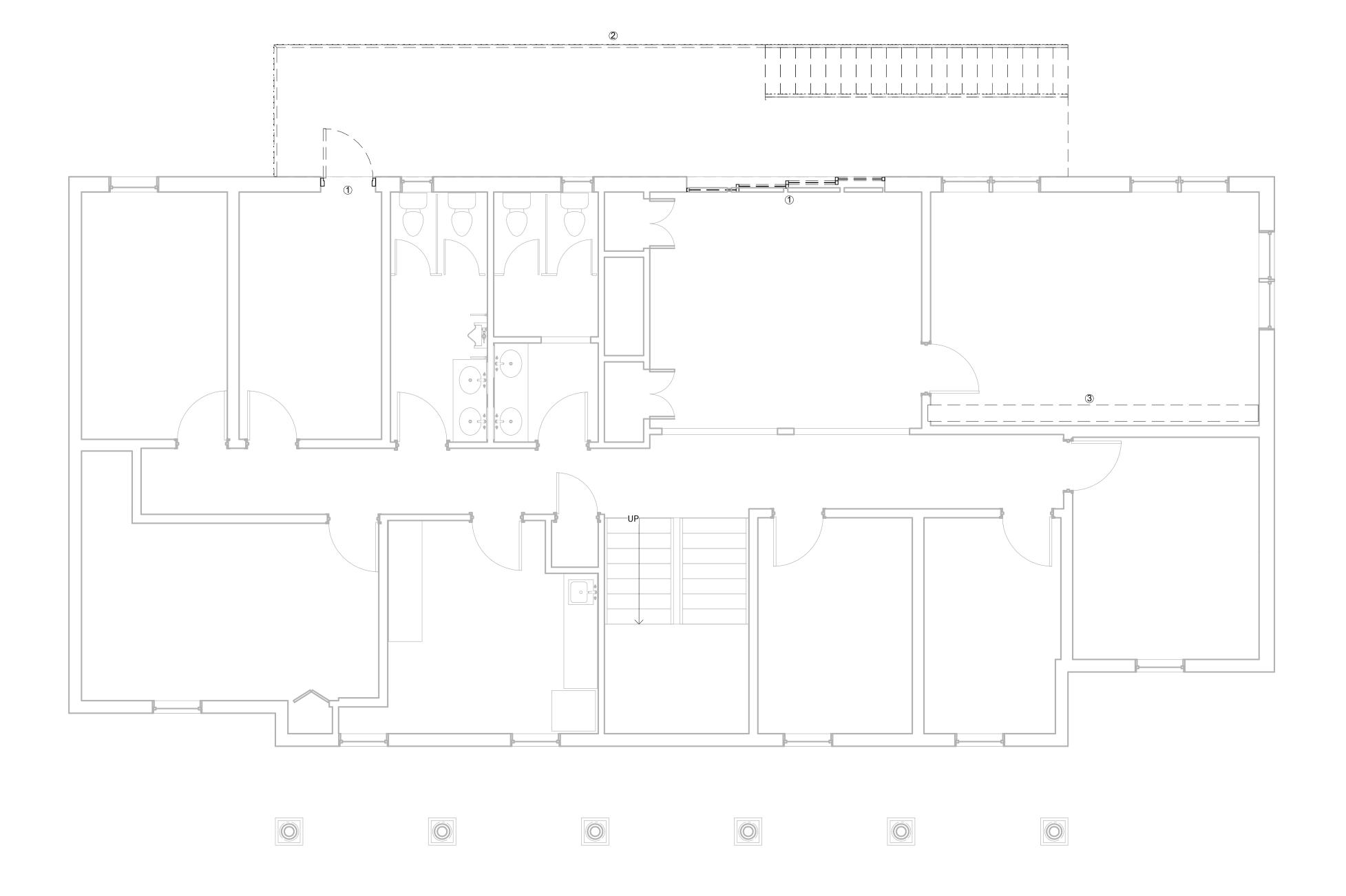
ARVAC, INC MEDICAL **DETOX AND** CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

04.07.2025 ISSUE DATE: **REVISIONS:** 

**DEMOLITION PLAN-**LEVEL 2

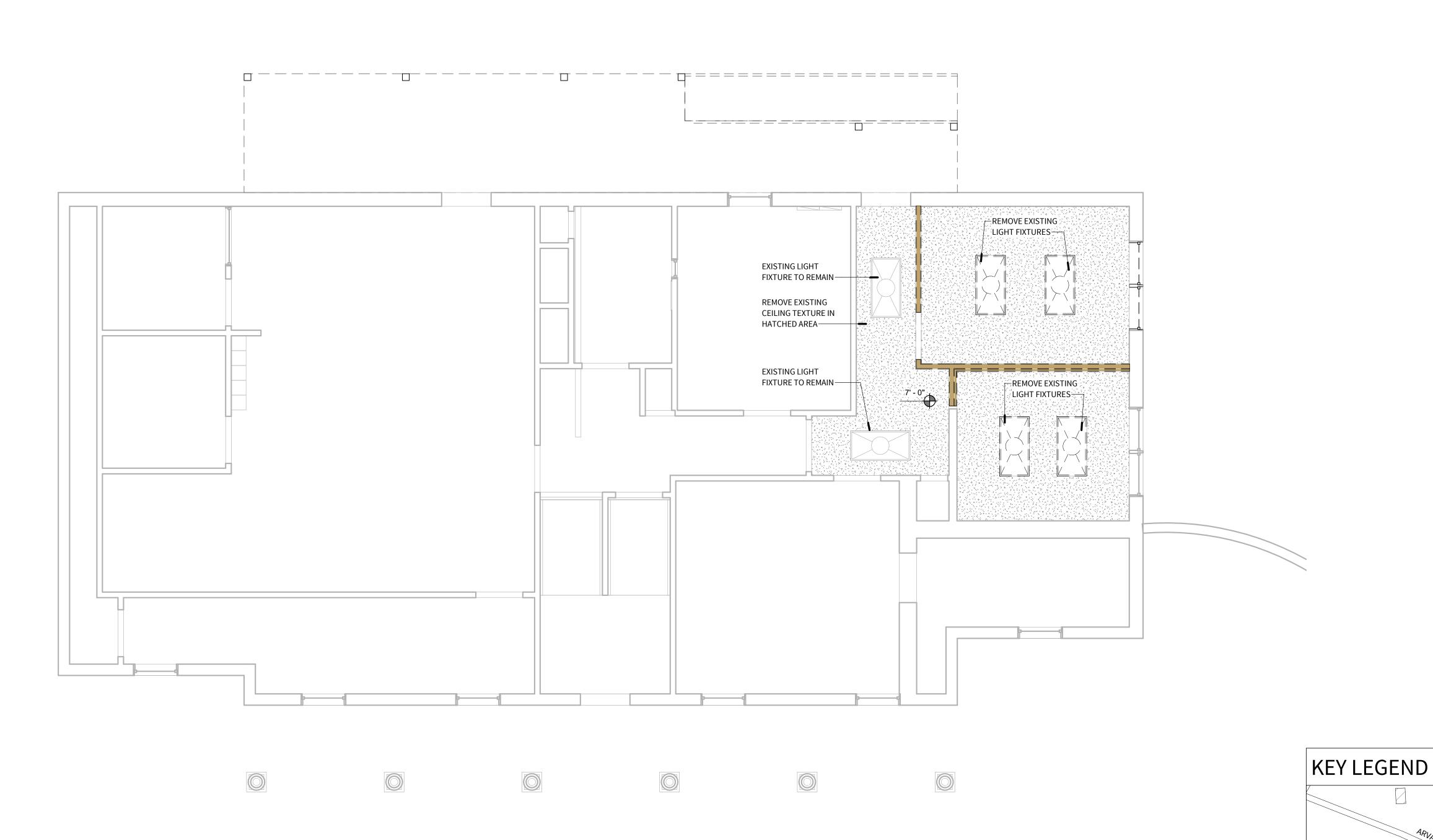
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DEMOLITION PLAN - WOMEN'S DORM LEVEL 2

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



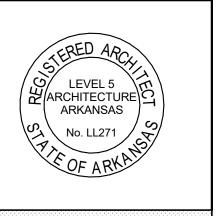
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65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A
ISSUE DATE: 04.07.2025
REVISIONS:

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DEMOLITION CEILING
PLAN - LEVEL 1

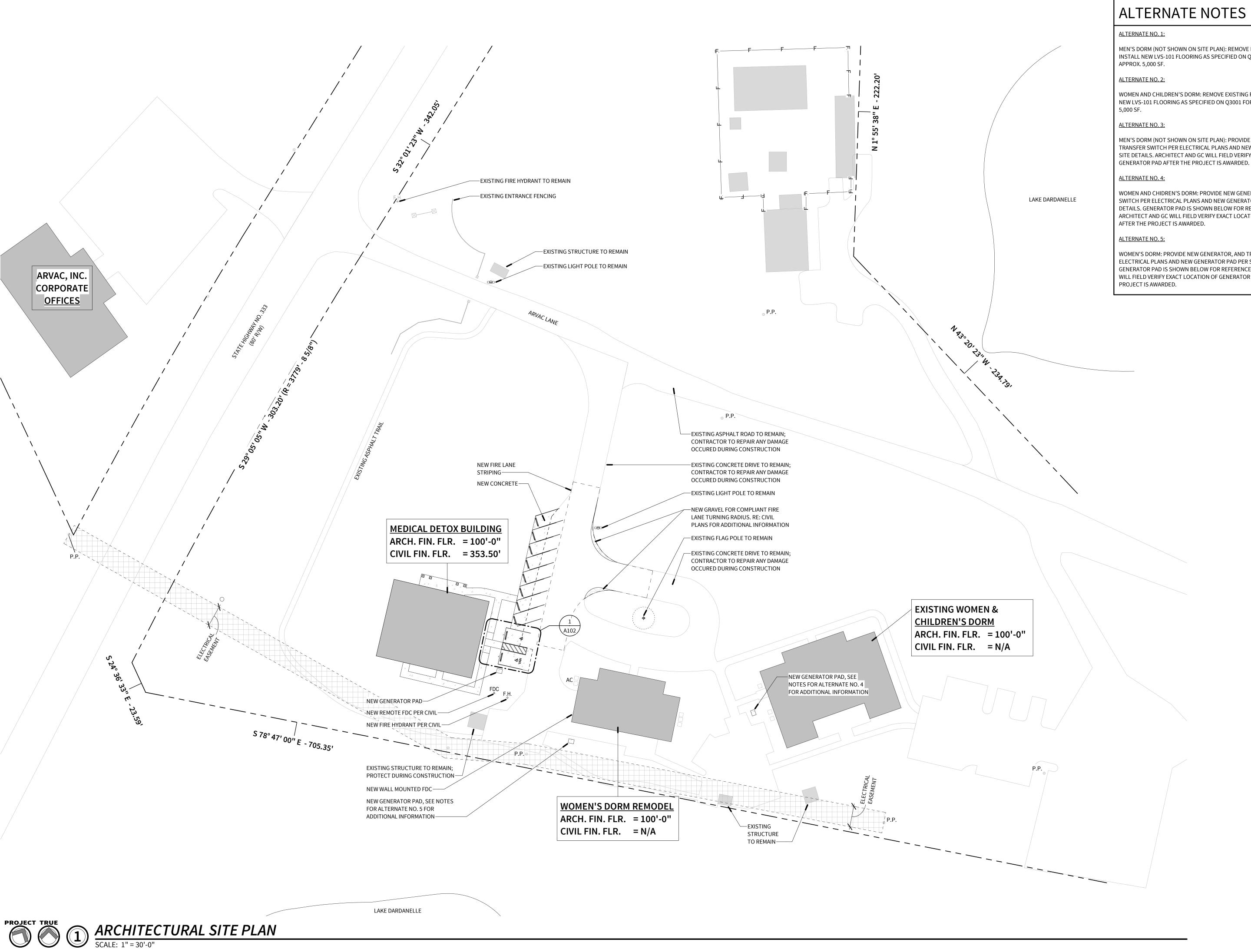
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U-WOMEN'S DORM

D203

DEMOLITION - REFLECTED CEILING PLAN - LEVEL 1 - WOMEN'S/FAMILY DORM

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



MEN'S DORM (NOT SHOWN ON SITE PLAN): REMOVE EXISTING FLOORING AND INSTALL NEW LVS-101 FLOORING AS SPECIFIED ON Q301 FOR LOWER LEVEL,

WOMEN AND CHILDREN'S DORM: REMOVE EXISTING FLOORING AND INSTALL NEW LVS-101 FLOORING AS SPECIFIED ON Q3001 FOR LOWER LEVEL, APPROX.

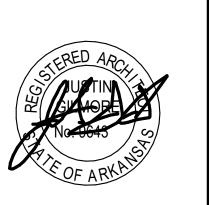
MEN'S DORM (NOT SHOWN ON SITE PLAN): PROVIDE NEW GENERATOR, AND TRANSFER SWITCH PER ELECTRICAL PLANS AND NEW GENERATOR PAD PER SITE DETAILS. ARCHITECT AND GC WILL FIELD VERIFY EXACT LOCATION OF GENERATOR PAD AFTER THE PROJECT IS AWARDED.

WOMEN AND CHIDREN'S DORM: PROVIDE NEW GENERATOR, AND TRANSFER SWITCH PER ELECTRICAL PLANS AND NEW GENERATOR PAD PER SITE DETAILS. GENERATOR PAD IS SHOWN BELOW FOR REFERENCE, BUT ARCHITECT AND GC WILL FIELD VERIFY EXACT LOCATION OF GENERATOR PAD

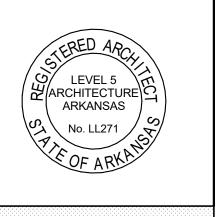
WOMEN'S DORM: PROVIDE NEW GENERATOR, AND TRANSFER SWITCH PER ELECTRICAL PLANS AND NEW GENERATOR PAD PER SITE DETAILS. GENERATOR PAD IS SHOWN BELOW FOR REFERENCE, BUT ARCHITECT AND GC WILL FIELD VERIFY EXACT LOCATION OF GENERATOR PAD AFTER THE



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PROJECT NUMBER: 23-20A 04.07.2025 ISSUE DATE:

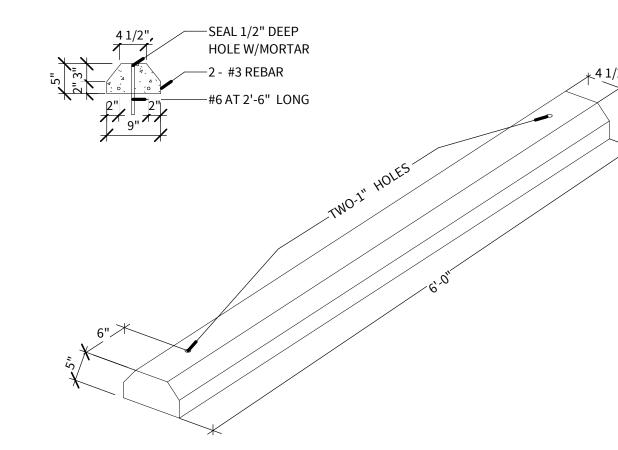
**REVISIONS:** 

SHEET NAME:

ARCHITECTURAL SITE PLAN

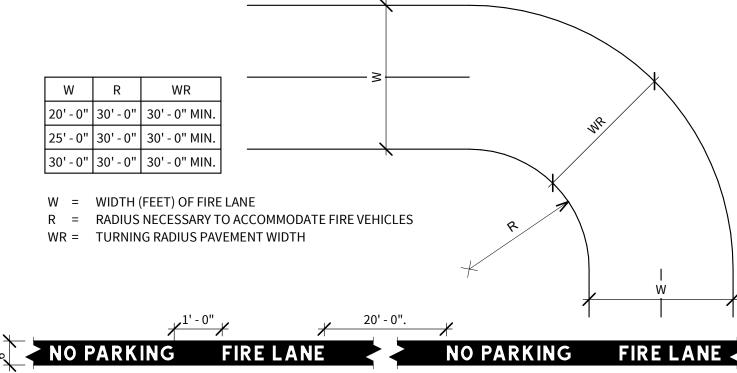
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PRECAST CONCRETE WHEEL STOP

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



FIRE LANE STRIPING SHALL BE 6" RED STRIPES WITH 4" WHITE LETTERS READING, "NO PARKING FIRE LANE". STRIPING SHALL BE PLACED ON THE TOP EDGE OF THE SIDEWALK ABUTTING THE PAVED DRIVE OR AS SPECIFIED BY LOCAL REQUIREMENTS.

#### NO PARKING FIRE LANE NO PARKING FIRE LANE

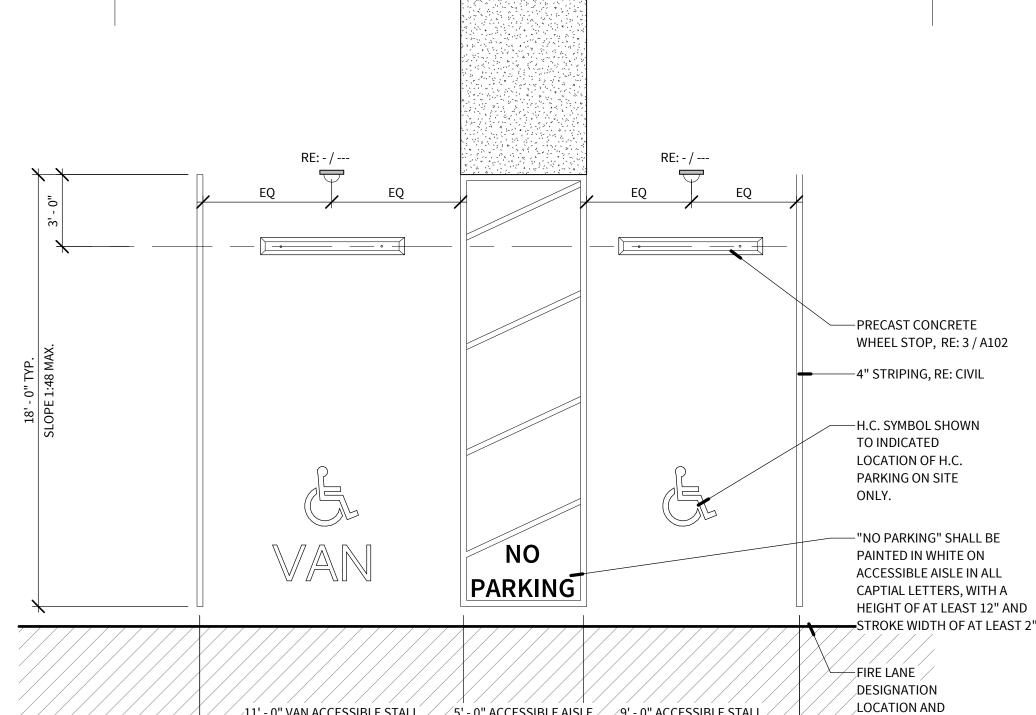
#### FIRE LANE MARKING

FIRE LANES SHALL HAVE AN UNOBSTRUCTED WIDTH OF NOT LESS THAN 24 FEET OR 26 FEET WHEN LOCATED WITHIN 35 FEET OF ANY STRUCTURE IN EXCESS OF 36 FEET IN HEIGHT. AN UNOBSTRUCTED VERTICAL CLEARANCE OF NOT LESS THAN 13 FEET 6 INCHES IS REQUIRED.

#### FIRE LANE STRIPING

WHERE RED STRIPE INTERSECTS WITH A CURB LINE, PAINT FACE AND TOP OF CURB RETURN.

PAINT 4 INCH HIGH LETTERING WITH A 1 INCH STROKE CENTERED ON RED STRIPE SHALL READ, "NO PARKING" - "FIRE LANE". THIS LETTERING SHALL BE PAINTED EVERY 20 FEET AS MEASURED FROM THE END OF ONE LETTERING GROUP TO THE BEGINNING OF THE NEXT GROUP WITH A 1 FOOT SPACE BETWEEN "NO PARKING" AND "FIRE LANE". (NOTE: QUOTES ARE USED IN THIS DESCRIPTION FOR EMPHASIS ONLY AND ARE NOT TO BE PAINTED WITH THE LETTERING.)



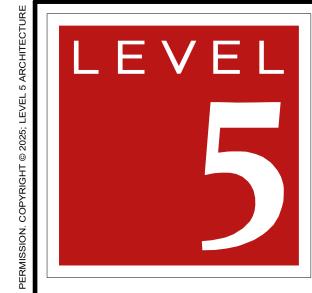
1:48 MAX. SLOPE

/ / 5' - 0" ACCESSIBLE AISLE / / 9' - 0" ACCESSIBLE STALL,

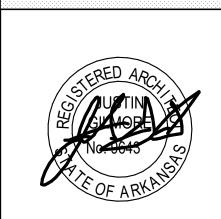
DEPTH, RE: 2 / A102

ACCESSIBLE PARKING AREA

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



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PROJECT INFORMATION:

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

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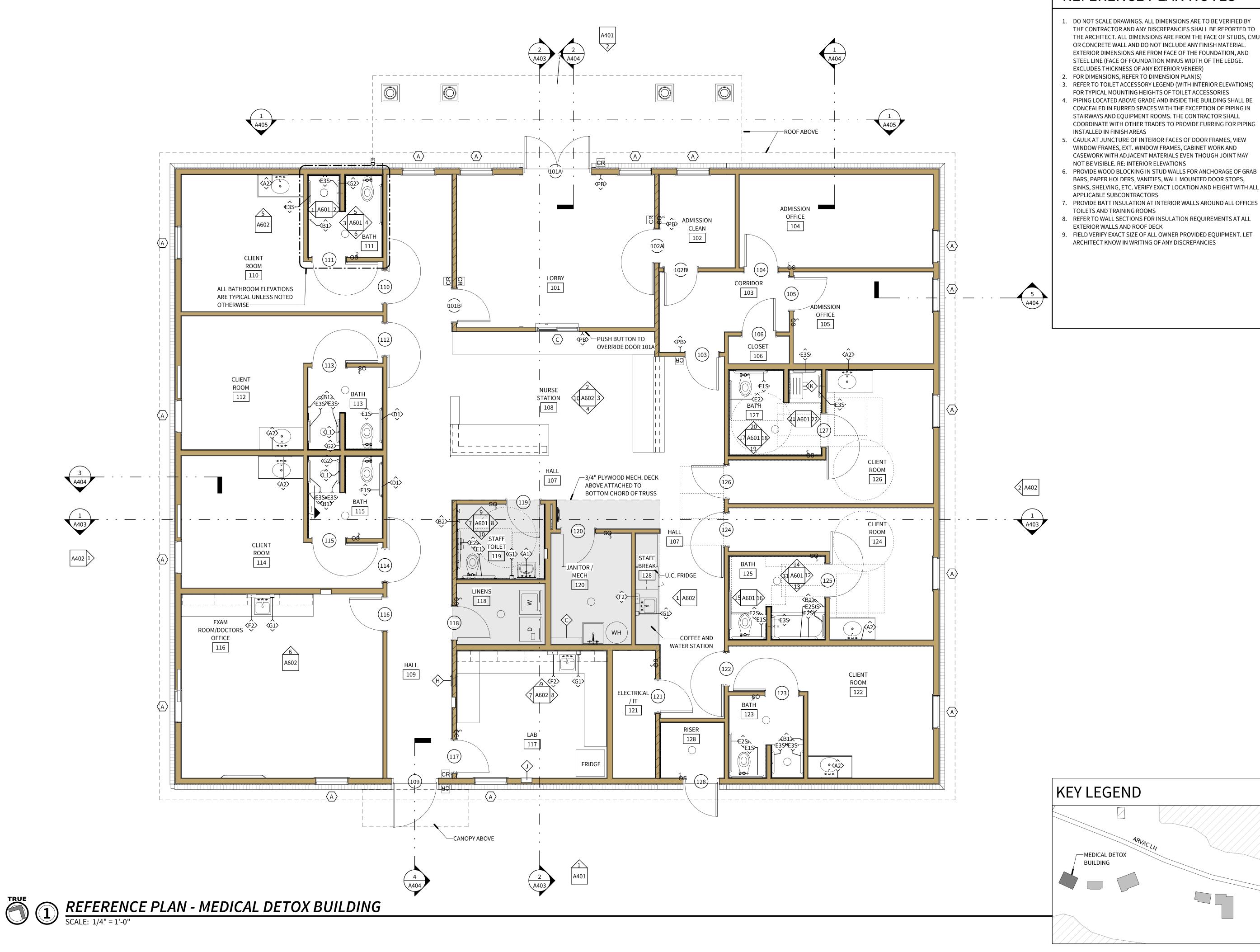
PROJECT NUMBER: 23-20A 04.07.2025 ISSUE DATE: **REVISIONS:** 

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SITE DETAILS

SHEET NUMBER:

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## REFERENCE PLAN NOTES

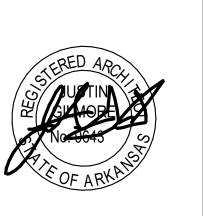
1. DO NOT SCALE DRAWINGS. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT. ALL DIMENSIONS ARE FROM THE FACE OF STUDS, CMU OR CONCRETE WALL AND DO NOT INCLUDE ANY FINISH MATERIAL. EXTERIOR DIMENSIONS ARE FROM FACE OF THE FOUNDATION, AND STEEL LINE (FACE OF FOUNDATION MINUS WIDTH OF THE LEDGE. EXCLUDES THICKNESS OF ANY EXTERIOR VENEER)

2. FOR DIMENSIONS, REFER TO DIMENSION PLAN(S)

3. REFER TO TOILET ACCESSORY LEGEND (WITH INTERIOR ELEVATIONS) FOR TYPICAL MOUNTING HEIGHTS OF TOILET ACCESSORIES

- 4. PIPING LOCATED ABOVE GRADE AND INSIDE THE BUILDING SHALL BE CONCEALED IN FURRED SPACES WITH THE EXCEPTION OF PIPING IN STAIRWAYS AND EQUIPMENT ROOMS. THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES TO PROVIDE FURRING FOR PIPING INSTALLED IN FINISH AREAS
- 5. CAULK AT JUNCTURE OF INTERIOR FACES OF DOOR FRAMES, VIEW WINDOW FRAMES, EXT. WINDOW FRAMES, CABINET WORK AND CASEWORK WITH ADJACENT MATERIALS EVEN THOUGH JOINT MAY NOT BE VISIBLE. RE: INTERIOR ELEVATIONS
- PROVIDE WOOD BLOCKING IN STUD WALLS FOR ANCHORAGE OF GRAB BARS, PAPER HOLDERS, VANITIES, WALL MOUNTED DOOR STOPS, SINKS, SHELVING, ETC. VERIFY EXACT LOCATION AND HEIGHT WITH ALL APPLICABLE SUBCONTRACTORS
- TOILETS AND TRAINING ROOMS
- 8. REFER TO WALL SECTIONS FOR INSULATION REQUIREMENTS AT ALL
- 9. FIELD VERIFY EXACT SIZE OF ALL OWNER PROVIDED EQUIPMENT. LET ARCHITECT KNOW IN WRITING OF ANY DISCREPANCIES

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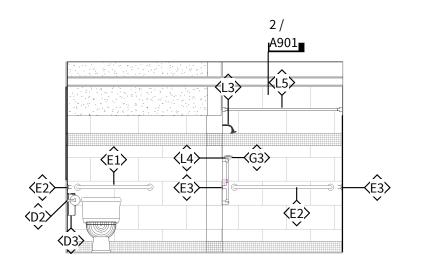
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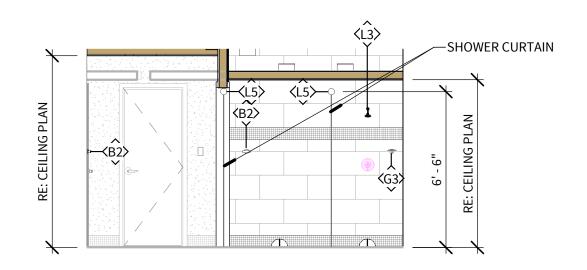
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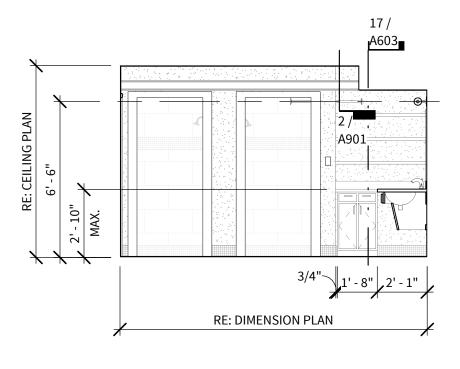
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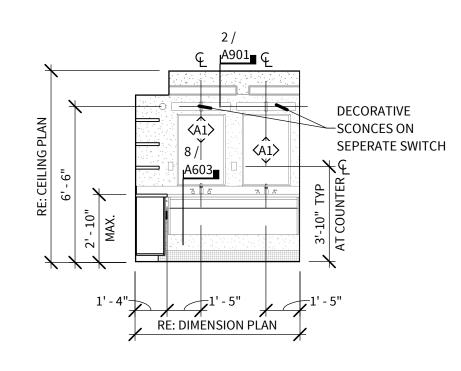
REFERENCE PLAN MEDICAL DETOX

SHEET NUMBER:









5 112C - SR C - SOUTH ELEVATION TILE SCALE: 1/4" = 1'-0" 112 - SHOWER ROOM CONTROL WALL

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

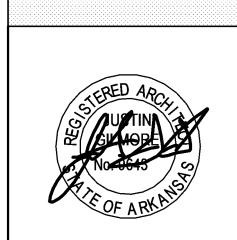
3 <u>112 - SHWR ROOMS - NORTH</u> SCALE: 1/4" = 1'-0"

2 112 - SHWR ROOMS - EAST
SCALE: 1/4" = 1'-0"

# REFERENCE PLAN NOTES

- 1. DO NOT SCALE DRAWINGS. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR AND ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT. ALL DIMENSIONS ARE FROM THE FACE OF STUDS, CMU OR CONCRETE WALL AND DO NOT INCLUDE ANY FINISH MATERIAL. EXTERIOR DIMENSIONS ARE FROM FACE OF THE FOUNDATION, AND STEEL LINE (FACE OF FOUNDATION MINUS WIDTH OF THE LEDGE. EXCLUDES THICKNESS OF ANY EXTERIOR VENEER)
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- 7. PROVIDE BATT INSULATION AT INTERIOR WALLS AROUND ALL OFFICES TOILETS AND TRAINING ROOMS
- 8. REFER TO WALL SECTIONS FOR INSULATION REQUIREMENTS AT ALL EXTERIOR WALLS AND ROOF DECK
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---WOMEN'S DORM



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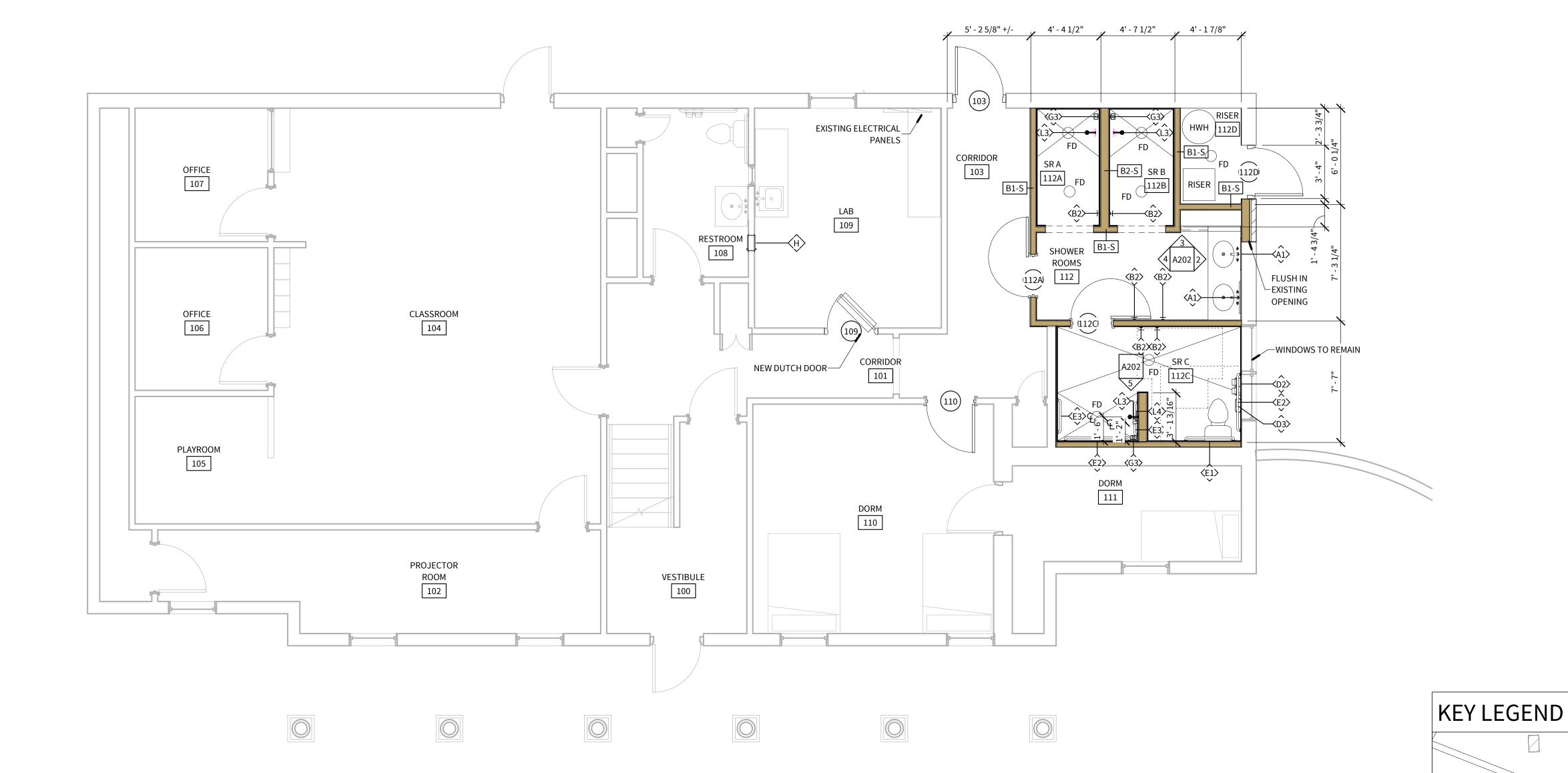
65 ARVAC LN RUSSELLVILLE, AR 72802

04.07.2025 ISSUE DATE: **REVISIONS:** 

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FLOOR PLAN -WOMEN'S DORM LEVEL 1

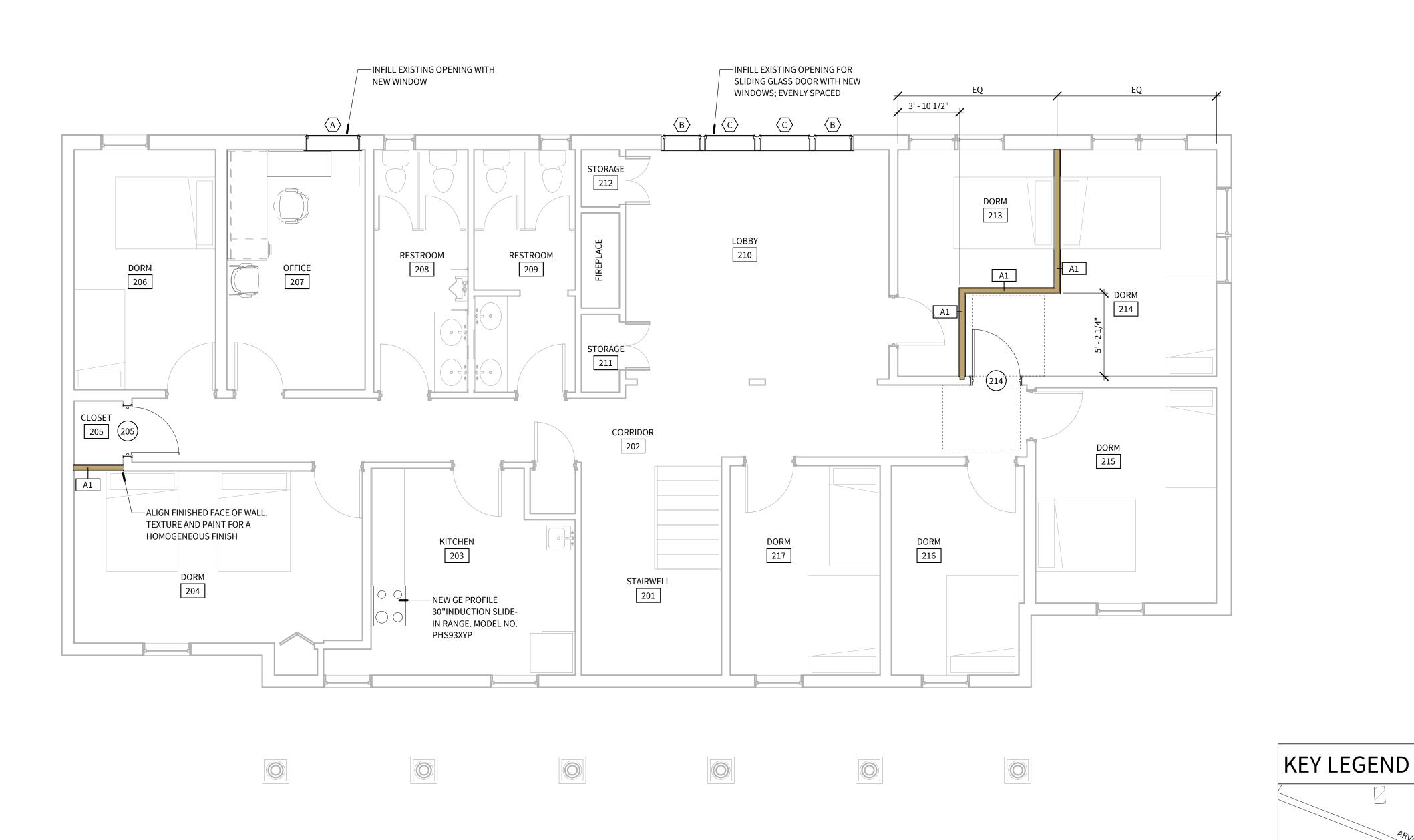
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REFERENCE PLAN - LEVEL 1 - WOMEN'S/FAMILY DORM

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

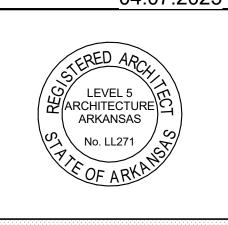




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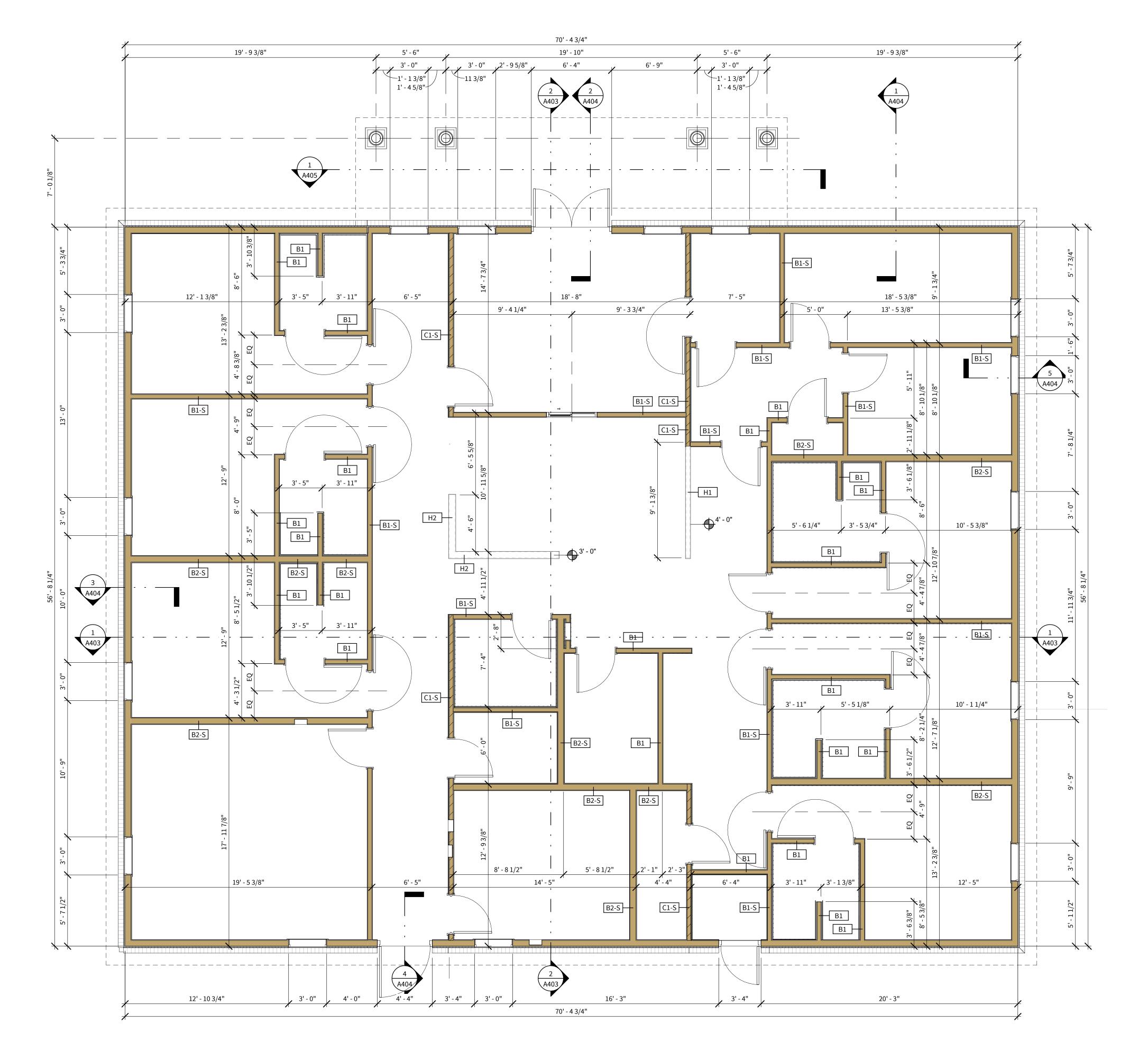
U-WOMEN'S DORM

FLOOR PLAN -WOMEN'S DORM LEVEL 2

SHEET NUMBER:

REFERENCE PLAN - LEVEL 2 - WOMEN'S/FAMILY DORM

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



### DIMENSION PLAN NOTES

1. ALL WALLS TO BE TYPE 'B1' UNLESS NOTED OTHERWISE

BEFORE PROCEEDING

**KEY LEGEND** 

—MEDICAL DETOX BUILDING

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- 3. REFER TO A406 FOR ALL PARTITION TYPES DESIGNATED ON THIS PLAN
- 4. REFER TO PARTITION TYPES FOR DESIGNATIONS ON THIS PLAN 5. REFERENCE THE ENTIRE SET FOR FURTHER DIMENSIONS AS NEEDED. NOTIFY ARCHITECT OF ANY DISCREPANCIES IN PLAN DIMENSIONS
- 6. PIPING LOCATED ABOVE GRADE AND INSIDE THE BUILDING SHALL BE CONCEALED IN FURRED SPACES WITH THE EXCEPTION OF PIPING IN STAIRWAYS AND EQUIPMENT ROOMS. THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES TO PROVIDE FURRING FOR PIPING INSTALLED IN FINISH AREAS
- CAULK AT JUNCTURE OF INTERIOR FACES OF DOOR FRAMES, VIEW WINDOW FRAMES, EXT. WINDOW FRAMES, CABINET WORK AND CASEWORK WITH ADJACENT MATERIALS EVEN THOUGH JOINT MAY NOT BE VISIBLE. RE: INTERIOR ELEVATIONS

### **INSULATION NOTES**

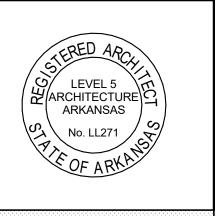
- 1. ALL EXTERIOR WALLS ARE TO RECEIVE 3 1/2"; R-13 BATT INSULATION
- 2. INTERIOR 2 x 4 STUD WALLS ARE TO RECEIVE 3 1/2"; R-13 BATT INSULATION AS SHOWN IN PARTITION TYPES AND PLANS
- 3. ROOF DECK AND UNDERSIDE OF FLOOR TO RECEIVE R-38 OPEN CELL SPRAY FOAM INSULATION
- 4. RE: WALL SECTIONS FOR ANY ADDITIONAL INSULATION REQUIRED AT EXTERIOR WALLS AND ROOF DECK



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PROJECT INFORMATION:

ARVAC, INC **MEDICAL DETOX AND** CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

04.07.2025 ISSUE DATE: **REVISIONS:** 

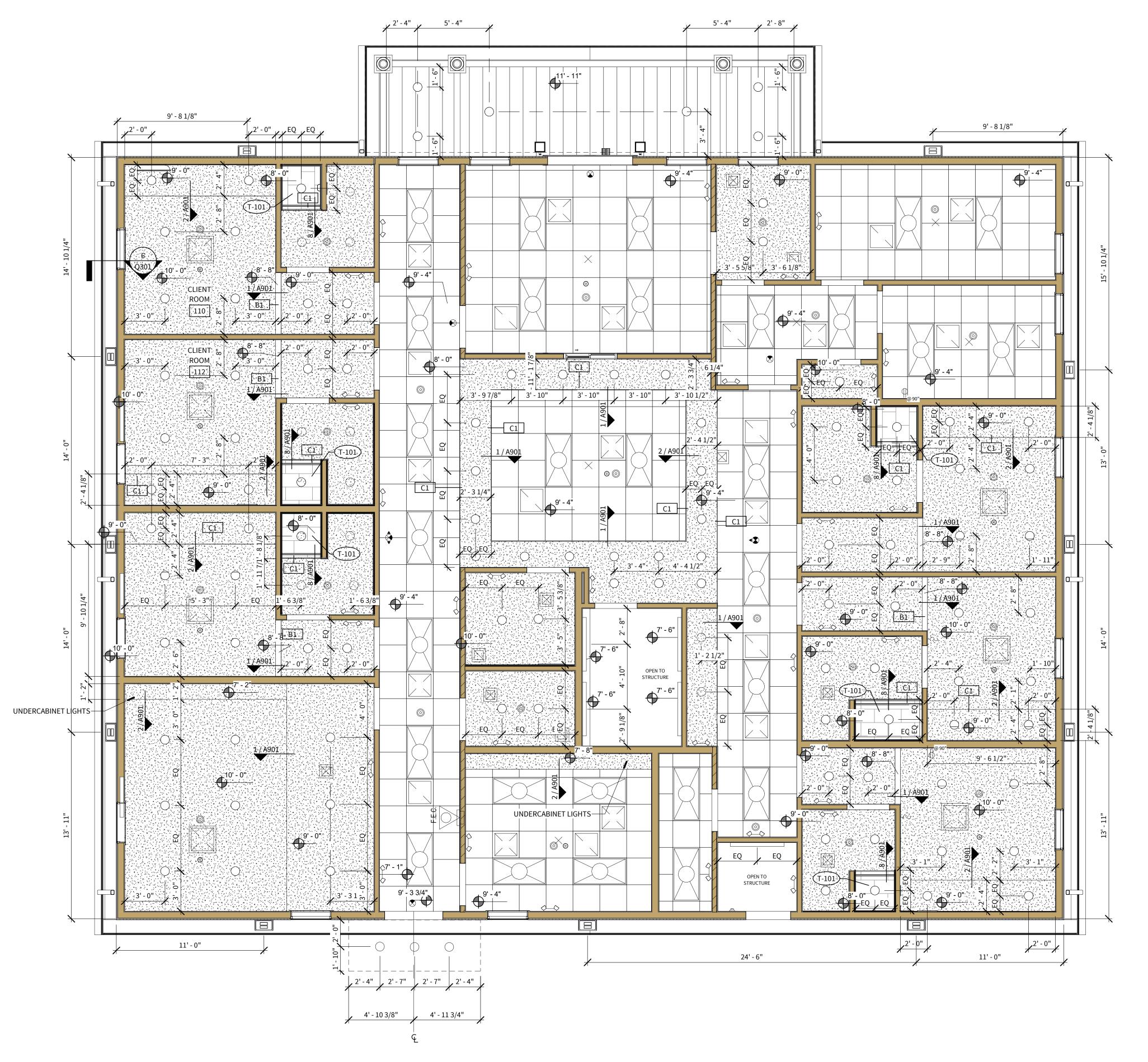
SHEET NAME:

DIMENSION PLAN MEDICAL DETOX

SHEET NUMBER:

DIMENSION PLAN - MEDICAL DETOX BUILDING

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



### CEILING PLAN NOTES

- 1. UNLESS NOTED OTHERWISE ALL CEILINGS ARE TO BY GYPSUM BOARD: TAPED, BEDDED, TEXTURED AND PRIMED. FINISH TO BE SELECTED BY ARCHITECT
- 2. ALL KITCHEN & FOOD SERVICE AREAS ARE TO HAVE VINYL CLAD
- CEILING TILES WITH SCRUBBABLE SURFACES

  3. ALL CEILING GRIDS ARE TO BE CENTERED IN ROOM UNLESS
- OTHERWISE NOTED

  4. REFER TO ELECTRICAL FOR LIGHTING FIXTURE SCHEDULE

**CEILING LEGEND** 

2 x 2 ACOUSTICAL CEILING TILE ON SUSPENDED GRID

SYSTEM

SOFFIT

CAN DOWNLIGHT

EMERGENCY

LIGHTING

WALL PACK

RE: MEP

RE: MEP

**KEY LEGEND** 

\_\_MEDICAL DETOX

BUILDING

SUPPLY DIFFUSER,

RETURN REGISTER,

NOTE: RE: ELECTRICAL LIGHTING SCHEDULE FOR FIXTURE TYPES

5. REFER TO MECHANICAL SCHEDULE FOR MECHANICAL GRILLE SIZES.
MECHANICAL SCHEDULE TAKES PRECEDENCE OVER THE R.C.P. IN THE
EVENT OF ANY DISCREPANCIES IN GRILLE SIZE SHOWN BETWEEN THE
TWO. LOCATION OF GRILLES SHALL BE INSTALLED PER THE R.C.P. AS

GYPSUM BOARD

TILE (T-101)

2 X 4 LIGHT

4' STRIP

LIGHTING

**EXIT SIGN** 

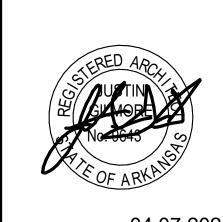
EXTERIOR COACH

CLOSE AS POSSIBLE6. ALL SPEAKERS, SECURITY CAMERAS, & FIRE PROTECTION TO BE COORDINATED WITH OWNER PRIOR TO INSTALLATION

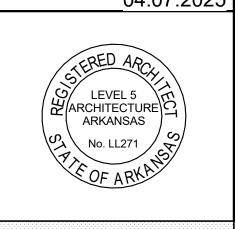


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PROJECT NUMBER: 23-20A
ISSUE DATE: 04.07.2025
REVISIONS:

SHEET NAME:

CEILING PLAN -MEDICAL DETOX

SHEET NUMBER:

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REFLECTED CEILING PLAN - MEDICAL DETOX BUILDING

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

#### FURR CEILING DOWN IN THIS AREA TO MATCH EXISTING CEILING HEIGHT IN HALLWAY. RETEXTURE AND PAINT FOR A HOMOGENOUS FINISH— -EXISTING EGRESS SIGNAGE TO REMAIN-SR B —WALL HUNG LIGHTING FIXTURE AT 7'-0" A.F.F. OFFICE **EXISTING LIGHT** 107 FIXTURE TO REMAIN — RESTROOM 108 109 CORRIDOR 103 **EXISTING LIGHT** FIXTURE TO REMAIN— EXTENTS OF HALLWAY —CENTER WALL HUNG LIGHTING FIXTURES ABOVE SINK. RE: INTERIOR ELEVATIONS FOR MOUNTING HEIGHT, TYP. CEILING WORK ON LEVEL 1-CLASSROOM 104 OFFICE 106 CORRIDOR 101 PLAYROOM 105 EQ EQ DORM DORM PROJECTOR ROOM 102 VESTIBULE 100 EXISTING EGRESS SIGNAGE TO REMAIN **KEY LEGEND**

# REFLECTED CEILING PLAN - LEVEL 1 - WOMEN'S/FAMILY DORM SCALE: 1/4" = 1'-0"

### **CEILING PLAN NOTES**

- 1. UNLESS NOTED OTHERWISE ALL CEILINGS ARE TO BY GYPSUM BOARD: TAPED, BEDDED, TEXTURED AND PRIMED. FINISH TO BE SELECTED BY ARCHITECT
- 2. ALL KITCHEN & FOOD SERVICE AREAS ARE TO HAVE VINYL CLAD
- CEILING TILES WITH SCRUBBABLE SURFACES 3. ALL CEILING GRIDS ARE TO BE CENTERED IN ROOM UNLESS
- OTHERWISE NOTED 4. REFER TO ELECTRICAL FOR LIGHTING FIXTURE SCHEDULE
- 5. REFER TO MECHANICAL SCHEDULE FOR MECHANICAL GRILLE SIZES. MECHANICAL SCHEDULE TAKES PRECEDENCE OVER THE R.C.P. IN THE EVENT OF ANY DISCREPANCIES IN GRILLE SIZE SHOWN BETWEEN THE TWO. LOCATION OF GRILLES SHALL BE INSTALLED PER THE R.C.P. AS

2 x 2 ACOUSTICAL

CEILING TILE ON

METAL PANEL SOFFIT

DECORATIVE

DECORATIVE

RE: MEP

WALL SCONCE

RETURN REGISTER,

WALL PENDANT

SYSTEM

SUSPENDED GRID

**CLOSE AS POSSIBLE** 6. ALL SPEAKERS, SECURITY CAMERAS, & FIRE PROTECTION TO BE COORDINATED WITH OWNER PRIOR TO INSTALLATION

**CEILING LEGEND** 

ACOUSTICAL

SYSTEM

CEILING TILE ON

GYPSUM BOARD

CAN DOWNLIGHT

2 X 4 LIGHT

RE: MEP

SUPPLY DIFFUSER,

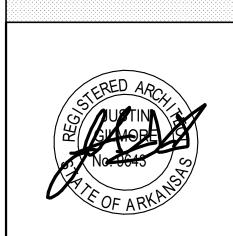
<sup>\</sup>—WOMEN'S DORM

NOTE: RE: ELECTRICAL LIGHTING SCHEDULE FOR FIXTURE TYPES

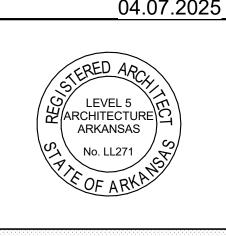
SUSPENDED GRID



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ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

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PROJECT NUMBER: 04.07.2025 ISSUE DATE: **REVISIONS:** 

SHEET NAME:

CEILING PLAN -WOMEN'S DORM LEVEL 1

SHEET NUMBER:



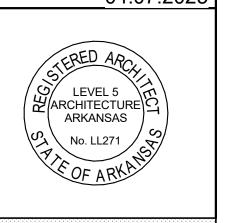




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STERED ARCH ON TINA SILMOPH No. 10645

04.07.2025



PROJECT INFORMATION:

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65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A
ISSUE DATE: 04.07.2025
REVISIONS:

SHEET NAME:

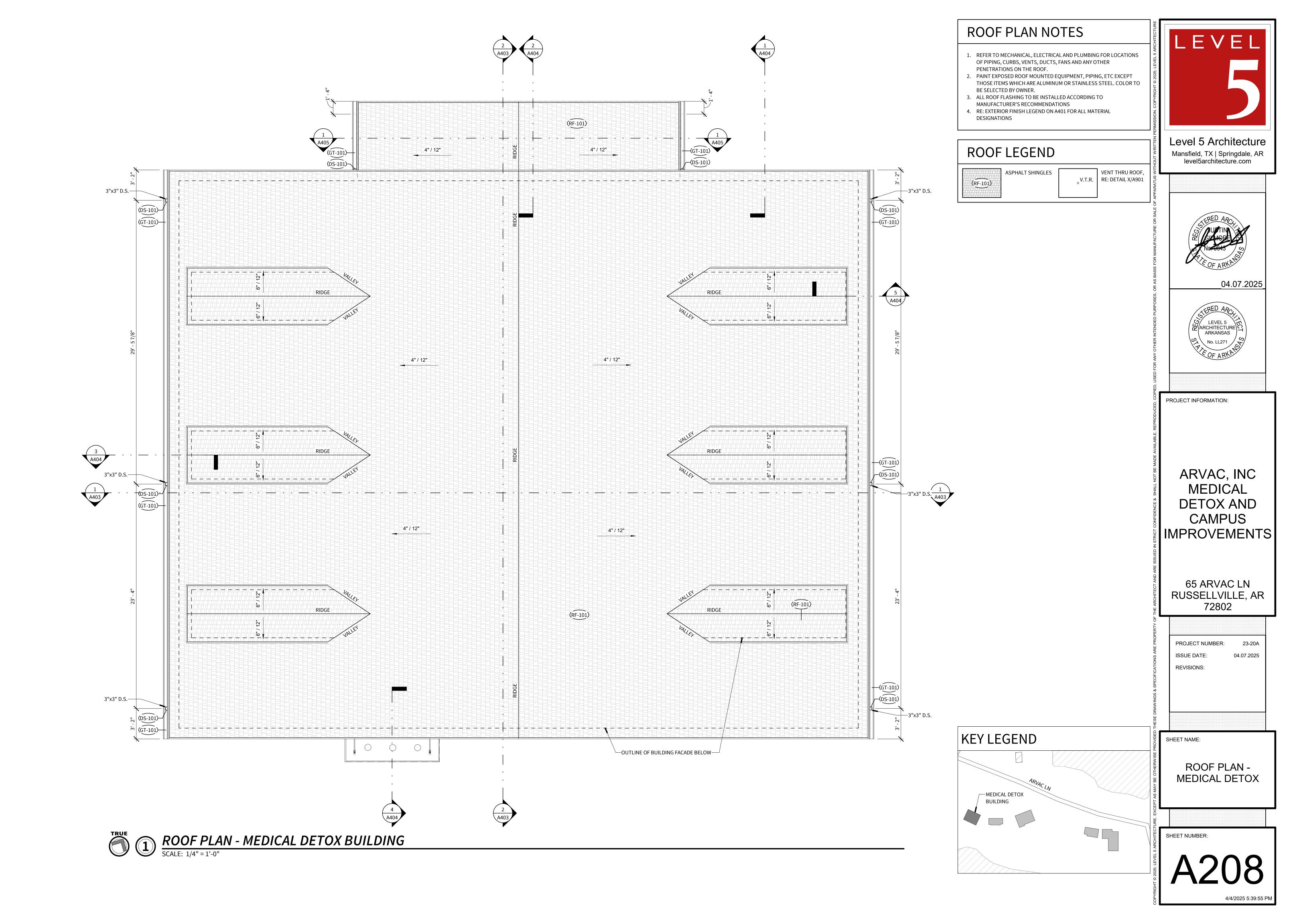
**KEY LEGEND** 

U-WOMEN'S DORM

CEILING PLAN -WOMEN'S DORM LEVEL 2

SHEET NUMBER:

A207



# DOOR SCHEDULE - MEDICAL DETOX BUILDING

GLAZING TYPE 'A' - 1" LOW-E TEMPERED CLEAR VISION GLAZING TYPE 'B' - 1/4" TEMPERED CLEAR VISION

	ROOMS DIMENSIONS						DOOR			FRAME			THE B 1/4 TEMHERED CLEAR VISION		
		TO		FROM		INEINSIONS	•		DOON	-		T TV WIL		DOOD	
MARK	NUM	NAME	NUM	NAME	W	н	D	TYPE	MATERIAL	GLAZING TYPE	TYPE	MATERIAL	HARDWARE SET	DOOR SIGNAGE	REMARKS
			NOM	INAIVIE			D 1.2/4"			GLAZING TTPE					
101A	101	LOBBY	101	LODDY	3' - 0"	7' - 0"	13/4"		DF-105	A	F-01	DF-105	HW-100	S-01	ACCESS CONTROL
101B	109	HALL		LOBBY	3' - 0"	7' - 0"	13/4"		DF-103		F-02	DF-101	AC-600	S-04	
102A	102	ADMISSION CLEAN		LOBBY	3' - 0"	7' - 0"	1 3/4"		DF-103		F-02	DF-101	AC-601	S-04	
102B	102	ADMISSION CLEAN	103	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	D-02	DF-103		F-02	DF-101	HW-500	S-04	
103	103	CORRIDOR	107	HALL	3' - 0"	7' - 0"	1 3/4"	D-02	DF-103		F-02	DF-101	AC-601	S-04	
104	103	CORRIDOR	1 1	ADMISSION OFFICE	3' - 0"	7' - 0"	13/4"	D-02	DF-103		F-02	DF-101	HW-401	S-03	
105	105	ADMISSION OFFICE	103	CORRIDOR	3' - 0"	7' - 0"	13/4"	D-02	DF-103		F-02	DF-101	HW-401	S-03	
106	103	CORRIDOR	106	CLOSET	3' - 0"	7' - 0"	1 3/4"	D-02	DF-103		F-02	DF-101	HW-401	S-04	
109	109	HALL			4' - 0"	7' - 0"	1 3/4"		DF-104		F-03	DF-104	AC-602	S-01	ACCESS CONTROL
110	110	CLIENT ROOM	109	HALL	3' - 0"	7' - 0"	13/4"	D-03	DF-103	В	F-02	DF-101	HW-402	S-04	
111	110	CLIENT ROOM	111	BATH	3' - 0"	7' - 0"	13/4"	D-02	DF-103		F-02	DF-101	HW-201	S-02	
112	109	HALL	112	CLIENT ROOM	3' - 0"	7' - 0"	1 3/4"	D-03	DF-103	В	F-02	DF-101	HW-402	S-04	
113	113	BATH	112	CLIENT ROOM	3' - 0"	7' - 0"	1 3/4"	D-02	DF-103		F-02	DF-101	HW-201	S-02	
114	114	CLIENT ROOM	109	HALL	3' - 0"	7' - 0"	1 3/4"	D-03	DF-103	В	F-02	DF-101	HW-402	S-04	
115	114	CLIENT ROOM	115	BATH	3' - 0"	7' - 0"	1 3/4"	D-02	DF-103		F-02	DF-101	HW-201	S-02	
116	109	HALL		EXAM ROOM/DOCTOR S OFFICE	3' - 0"	7' - 0"	1 3/4"	D-02	DF-103		F-02	DF-101	HW-201	S-03	
117	109	HALL	117	LAB	3' - 0"	7' - 0"	1 3/4"	D-03	DF-103	В	F-02	DF-101	HW-603	S-04	
118	109	HALL	118	LINENS	3' - 0"	7' - 0"	1 3/4"	D-02	DF-103		F-02	DF-101	HW-602	S-04	
119	119	STAFF TOILET	107	HALL	3' - 0"	7' - 0"	13/4"	D-02	DF-103		F-02	DF-101	HW-301	S-02	
120	107	HALL		JANITOR / MECH	3' - 0"	7' - 0"	13/4"	D-02	DF-103		F-02	DF-101	HW-602	S-04	
121	107	HALL	121	ELECTRICAL / IT	3' - 0"	7' - 0"	1 3/4"	D-04	DF-103		F-02	DF-101	HW-603	S-04	
122	122	CLIENT ROOM	107	HALL	3' - 0"	7' - 0"	1 3/4"	D-03	DF-103	В	F-02	DF-101	HW-402	S-04	
123	122	CLIENT ROOM	123	BATH	3' - 0"	7' - 0"	1 3/4"	D-02	DF-103		F-02	DF-101	HW-201	S-02	
124	124	CLIENT ROOM	107	HALL	3' - 0"	7' - 0"	1 3/4"	D-03	DF-103	В	F-02	DF-101	HW-402	S-04	
125	124	CLIENT ROOM	125	BATH	3' - 0"	7' - 0"	1 3/4"	D-02	DF-103		F-02	DF-101	HW-201	S-02	
126	107	HALL	126	CLIENT ROOM	3' - 0"	7' - 0"	1 3/4"	D-03	DF-103	В	F-02	DF-101	HW-402	S-04	
127	126	CLIENT ROOM	127	BATH	3' - 0"	7' - 0"	1 3/4"	D-02	DF-103		F-02	DF-101	HW-201	S-02	
128	128	RISER			3' - 0"	7' - 0"	13/4"	D-02	DF-104		F-03	DF-104	HW-604	S-04	

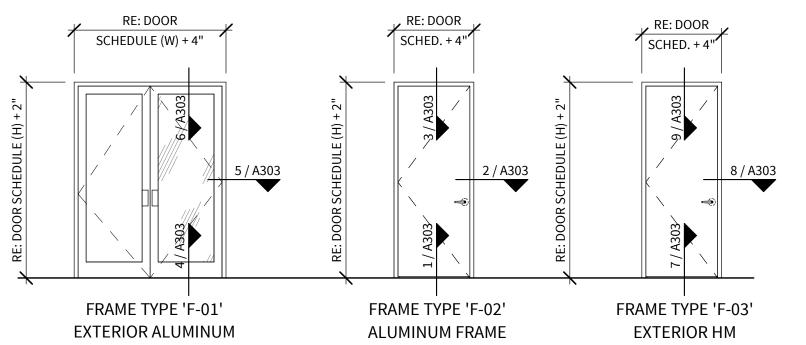
WIND	WINDOW SCHEDULE - MEDICAL DETOX BUILDING									
		FRAME								
TYPE MARK	GLAZING TYPE	MATERIAL	REMARKS							
A	1" LOW-E TEMPERED	DF-102	FIXED GLAZING W/ MUTTONS TO MATCH EXISTING FACILITY							
В	1" LOW-E TEMPERED	DF-102	FIXED GLAZING W/ MUTTONS TO MATCH EXISTING FACILITY							
С	1/4" TEMPERED	DF-106	SLIDING PASS THRU WINDOW							

# SYMBOL LEGEND A GLAZING TYPE DESIGNATION

C FRAME TYPE DESIGNATION

DOOR S	DOOR SIGNAGE								
TYPE MARK	DESCRIPTION								
S-01	EXIT SIGN								
S-02	RESTROOM								
S-03	ROOM ID (INSERT)								
S-04	ROOM ID (NO INSERT)								
S-05	CONFERENCE ID (WITH SLIDER)								

\* REFER TO SECTION 10 14 15 INTERIOR SIGNAGE FOR MANUFACTURER AND FINISHES



# FRAME TYPE

DOOR TYPES

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

SCALE: 1/4" = 1'-0"			
RE: DOOR SCHED. (W) EQ. LEAF EQ. LEAF	RE: DOOR SCHED. (W)	RE: DOOR SCHED. (W)	RE: DOOR SCHED. (W)
RE: DOOR SCHEDULE (H)	RE: DOOR SCHEDULE (H)	RE: DOOR SCHEDULE (H) 3'- 4 3/8"  1'- 11 5/8"	RE: DOOR SCHEDULE (H)  10 1/4" 1' - 4 3/4"  10 1/4" 1 - 4 3/4"
DOOR TYPE 'D-01'	DOOR TYPE 'D-02'	DOOR TYPE 'D-03'	DOOR TYPE 'D-04'

**WINDOW TYPES** 

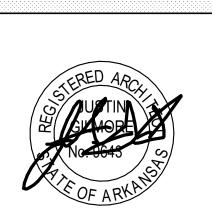
WINDOW TYPE 'A'

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

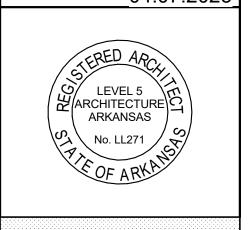
WINDOW TYPE 'B'

WINDOW TYPE 'C'

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PROJECT INFORMATION:

ARVAC, INC MEDICAL DETOX AND CAMPUS
IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A 04.07.2025 ISSUE DATE: **REVISIONS**:

SHEET NAME:

**DOOR & WINDOW** SCHEDULES -MEDICAL DETOX BUILDING

SHEET NUMBER:



# DOOR SCHEDULE - WOMEN'S DORM

GLAZING TYPE 'A' - 1" LOW-E TEMPERED CLEAR VISION
GLAZING TYPE 'B' - 1/4" TEMPERED CLEAR VISION

GLAZING TYPE 'C' - 1" TEMPERED CLEAR VISION

GLAZING TYPE 'D' - 1/4" LOW-E TEMPERED CLEAR VISION

		RC	OMS		DI	IMENSION	S		DOOR	FRAME					
		TO		FROM									HARDWARE	DOOR	
MARK	NUM	NAME	NUM	NAME	W	Н	D	TYPE	MATERIAL	GLAZING TYPE	TYPE	MATERIAL	SET	SIGNAGE	REMARKS
103	103	CORRIDOR			3' - 0"	6' - 8"	1 3/4"	D-01	DF-104		F-01	DF-104	HW-700	S-01	
109	109	LAB	101	CORRIDOR				D-02	DF-102		F-01	DF-101	HW-600	S-04	
110	110	DORM	103	CORRIDOR	3' - 0"	6' - 8"	1 3/4"	D-01	DF-102		F-01	DF-101	HW-400		
112A	112	SHOWER ROOMS	103	CORRIDOR	2' - 6"	6' - 8"	1 3/4"	D-01	DF-102		F-01	DF-101	HW-200	S-02	
112C	112C	SR C	112	SHOWER ROOMS	2' - 6"	6' - 8"	1 3/4"	D-01	DF-102		F-01	DF-101	HW-300		
112D			112D	RISER	3' - 0"	6' - 8"	1 3/4"	D-01	DF-104		F-01	DF-101	HW-601	S-04	
205	202	CORRIDOR	205	CLOSET	3' - 0"	6' - 8"	13/4"	D-01	DF-102		F-01	DF-101	HW-602	S-04	
214	214	DORM	202	CORRIDOR	3' - 0"	6' - 8"	1 3/4"	D-01	DF-102		F-01	DF-101	HW-400	S-04	

# WINDOW SCHEDULE

			FRAME	
TYPE MARK	GLAZING TYPE	TYPE	MATERIAL	REMARKS
А	GLAZING TYPE A	F-02	DF-102	FIXED WINDOWS WITH MULLIONS TO MATCH EXISTING, FIELD VERIFY
В	GLAZING TYPE A	F-03	DF-102	FIXED WINDOWS WITH MULLIONS TO MATCH EXISTING, FIELD VERIFY
С	GLAZING TYPE A	F-04	DF-102	FIXED WINDOWS WITH MULLIONS TO MATCH EXISTING, FIELD VERIFY

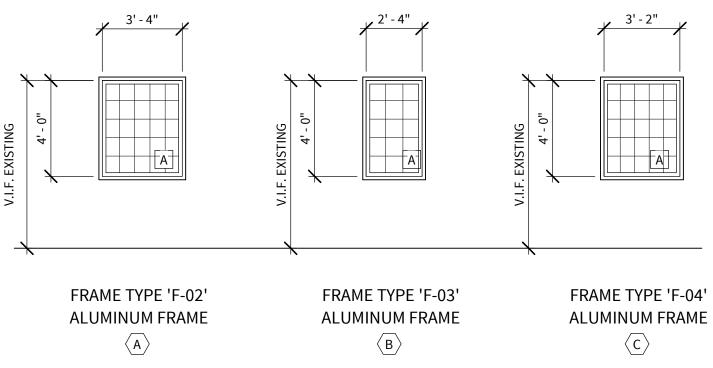
# SYMBOL LEGEND

A GLAZING TYPE DESIGNATION

C FRAME TYPE DESIGNATION

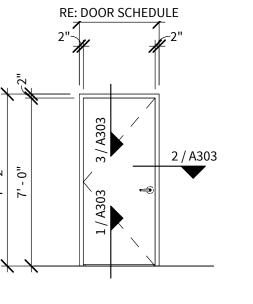
	DOOR S	SIGNAGE							
1	TYPE MARK	DESCRIPTION							
	S-01	EXIT SIGN							
	S-02	RESTROOM							
	S-03	ROOM ID (INSERT)							
	S-04	ROOM ID (NO INSERT)							
	S-05	CONFERENCE ID (WITH SLIDER)							
L									

\* REFER TO SECTION 10 14 15 INTERIOR SIGNAGE FOR MANUFACTURER AND FINISHES



## **WINDOW TYPE**

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



FRAME TYPE 'F-01' ALUMINUM FRAME

# DOOR TYPE

RE: DOOR SCHEDULE

RE: DOOR SCHEDULE

DOOR TYPE 'D-02'

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

DOOR TYPE 'D-01'

# FRAME TYPE

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

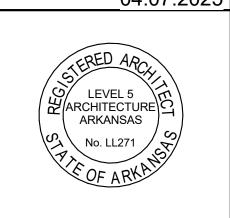


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PROJECT INFORMATION:

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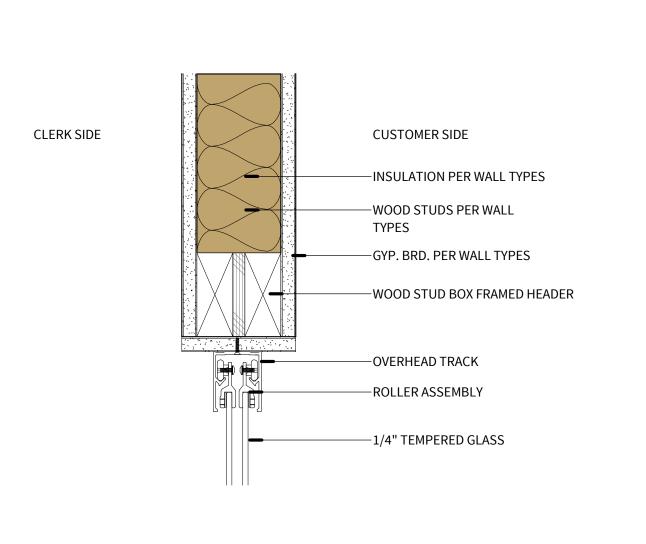
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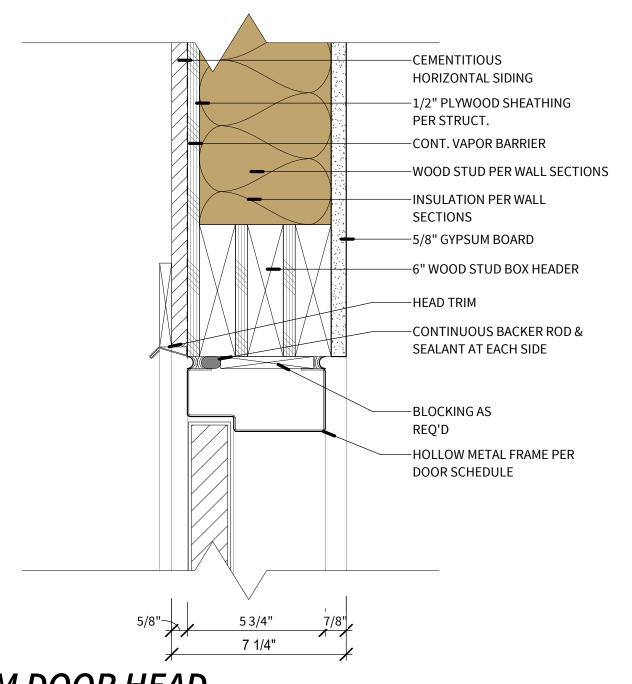
DOOR & WINDOW SCHEDULES -WOMEN'S DORMITORY

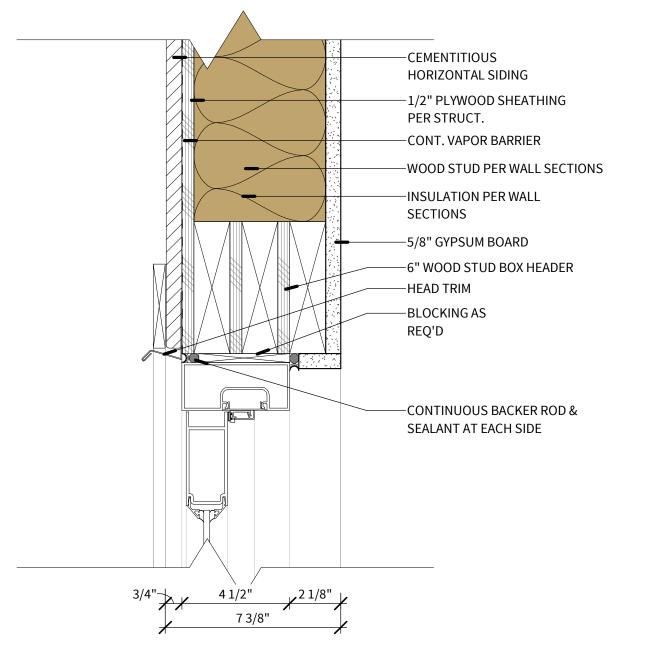
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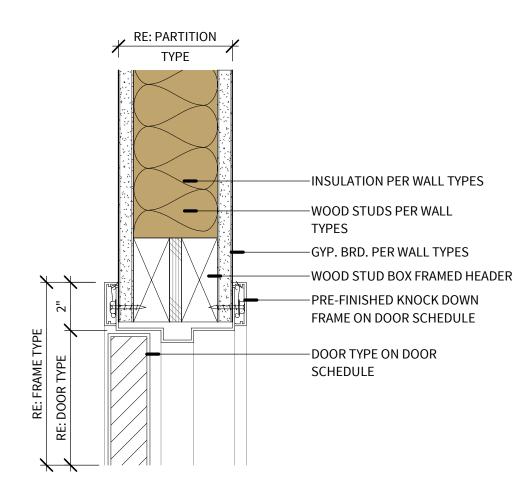
A302

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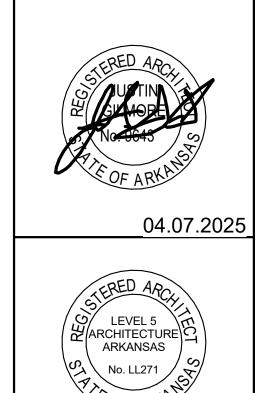


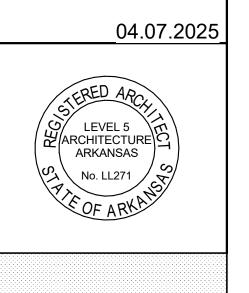












ARVAC, INC **MEDICAL** 

**DETOX AND** 

CAMPUS

PROJECT INFORMATION:

IMPROVEMENTS 65 ARVAC LN

PROJECT NUMBER: 23-20A 04.07.2025 ISSUE DATE: **REVISIONS:** 

RUSSELLVILLE, AR

72802

SHEET NAME:

HEAD, JAMB & SILL **DETAILS** 

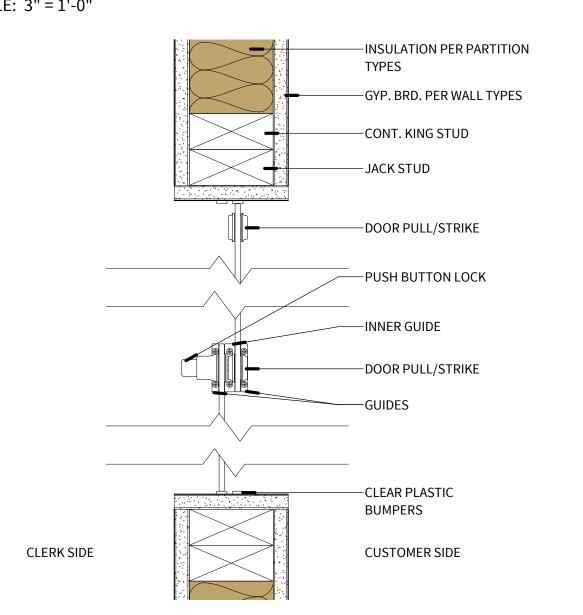
SHEET NUMBER:

PASS THRU WINDOW HEAD

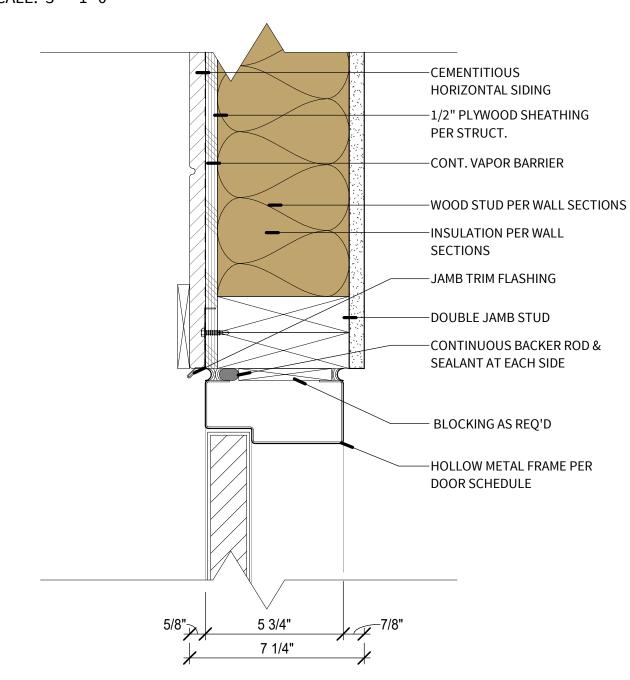
SCALE: 3" = 1'-0"

PASS THRU WINDOW JAMB

SCALE: 3" = 1'-0"

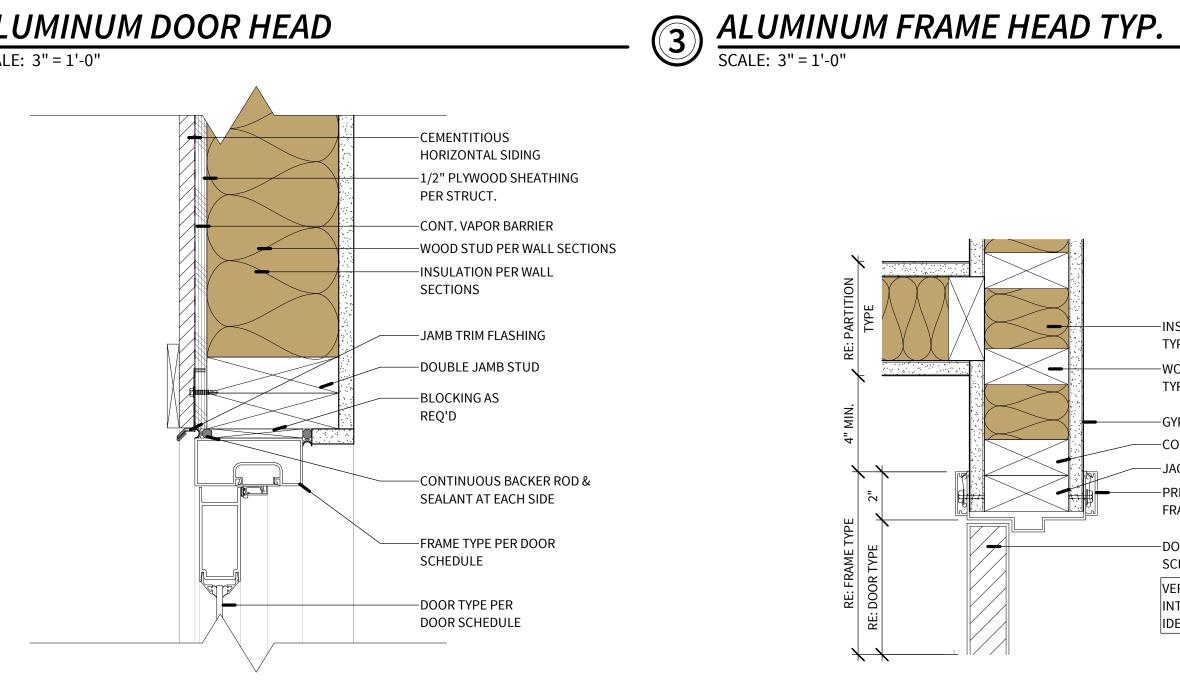


9 HM DOOR HEAD
SCALE: 3" = 1'-0"



6 ALUMINUM DOOR HEAD

SCALE: 3" = 1'-0"



-INSULATION PER PARTITION -WOOD STUDS PER WALL GYP. BRD. PER WALL TYPES -CONT. KING STUD -JACK STUD -PRE-FINISHED KNOCK DOWN FRAME ON DOOR SCHEDULE DOOR TYPE ON DOOR SCHEDULE VERIFY WALL WIDTH WITH INTERIOR SHEAR WALLS IDENTIFIED ON PLANS.

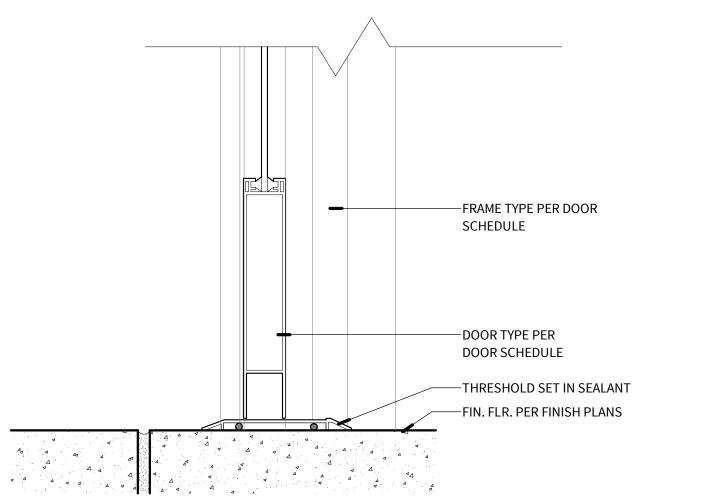
2 ALUMINUM FRAME JAMB TYP.

SCALE: 3" = 1'-0"

8 HM DOOR JAMB
SCALE: 3" = 1'-0"







FRAME TYPE ON DOOR SCHEDULE DOOR TYPE ON DOOR SCHEDULE TRANSITION FLOORING CHANGES AT CENTER OF DOOR RE: FLOOR FINISH PLAN -FIN. FLR. PER FLOOR FINISH PLAN

-1/4" TEMPERED GLASS -INNER GUIDE -SOLID SURFACE COUNTERTOP ON 3/4" PLYWOOD SUBSTRATE -GYP. BRD. PER WALL TYPES -INSULATION PER WALL TYPES -WOOD STUDS PER WALL **CLERK SIDE CUSTOMER SIDE** 

-DOOR TYPE PER DOOR SCHEDULE THRESHOLD SET IN SEALANT FIN. FLR. PER FINSH PLANS 5 3/4" 7 1/4"

THM THRESHOLD

SCALE: 3" = 1'-0"

THRESHOLD TYP.

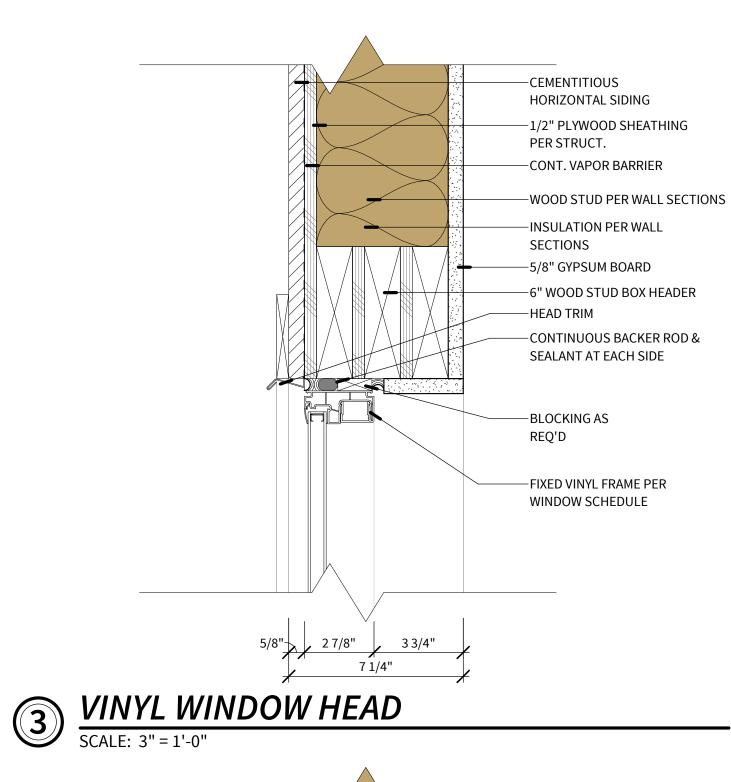
SCALE: 3" = 1'-0"

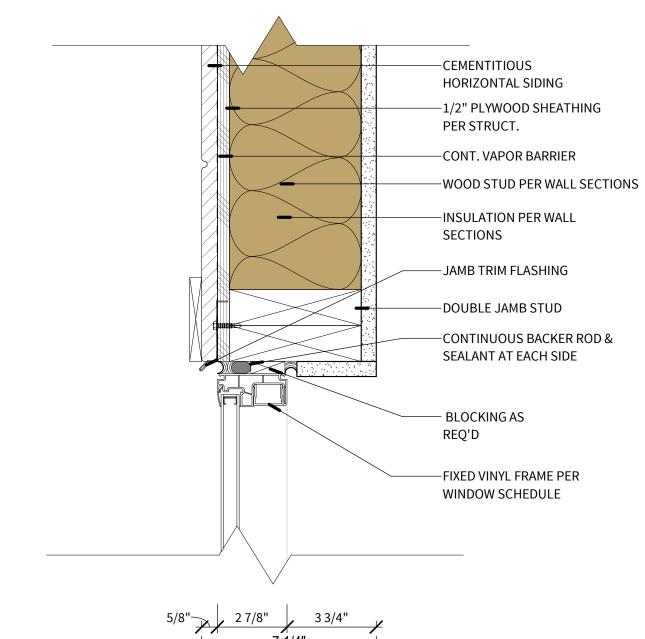
PASS THRU WINDOW SILL

SCALE: 3" = 1'-0"

4 ALUMINUM THRESHOLD

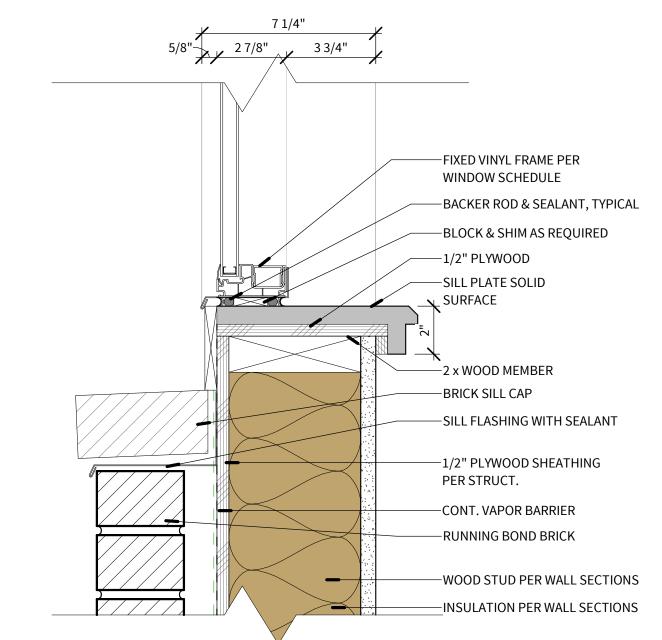
SCALE: 3" = 1'-0"





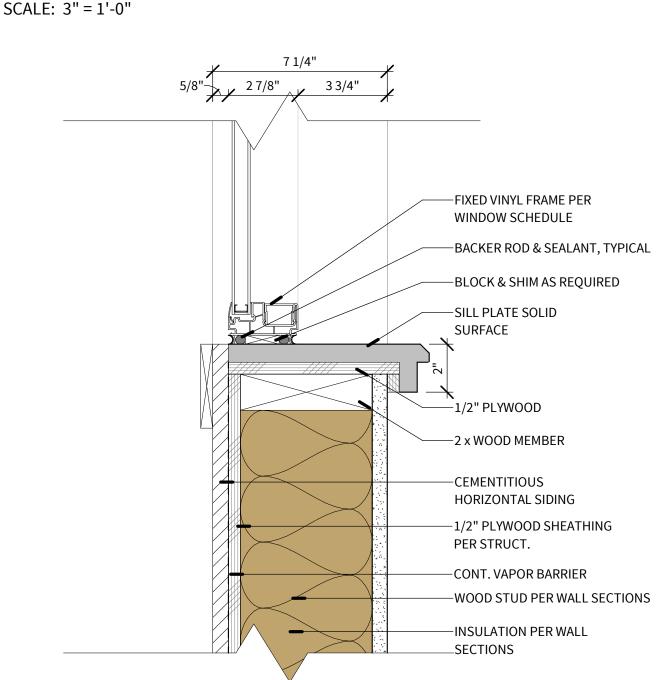
VINYL WINDOW JAMB

SCALE: 3" = 1'-0"



VINYL WINDOW SILL

SCALE: 3" = 1'-0"

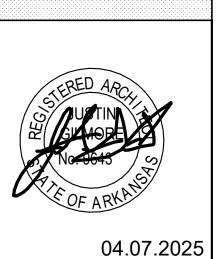


VINYL WINDOW SILL

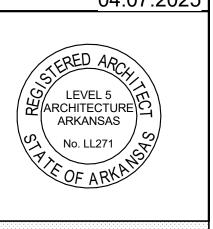
SCALE: 3" = 1'-0"



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04.07.2025



PROJECT INFORMATION:

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

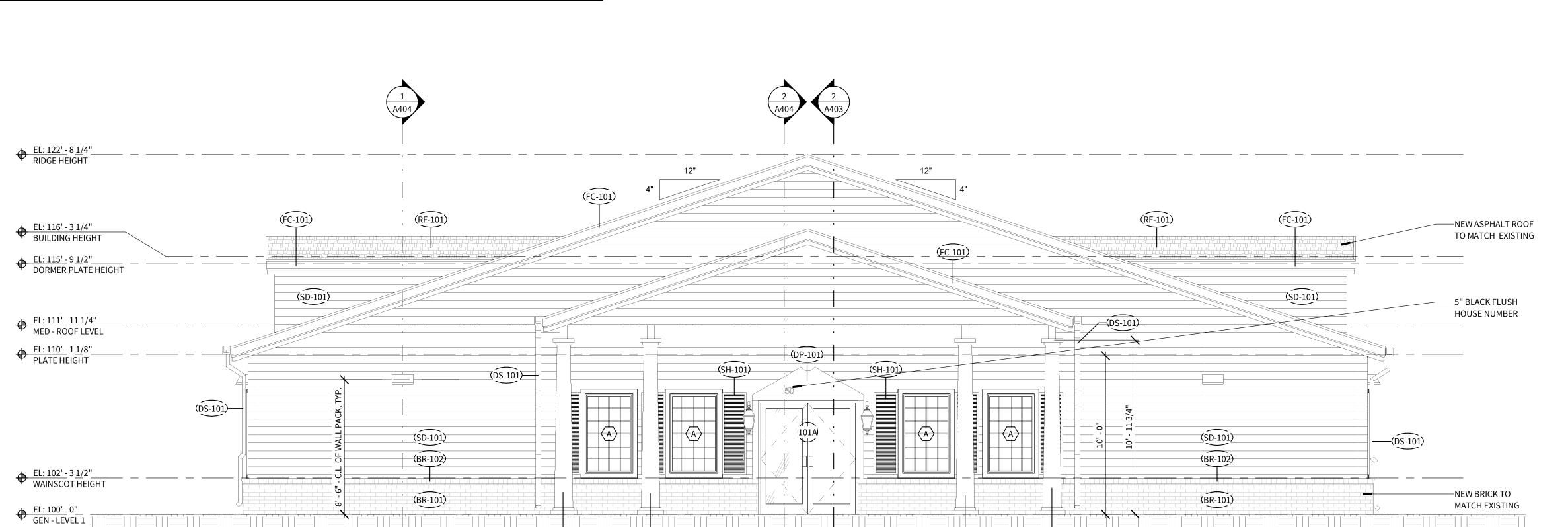
PROJECT NUMBER: 23-20A 04.07.2025 ISSUE DATE: **REVISIONS:** 

SHEET NAME:

HEAD, JAMB & SILL DETAILS

EXTER	RIOR FINISH LE	<b>GEND - MEDICAL DETOX B</b>	BUILDING			
MATERIAL	VENDOR	COLLECTION	COLOR/FINISH	SIZE	GROUT	NOTES
ASPHALT SHIN	GLES			<u> </u>	'	,
RF-101	OWENS CORNING	TRU DEFINITION DURATION	ESTATE GRAY			MATCH EXISTING
CANOPY COVER	?					
CC-101	ARCHITECTURAL FABRICATION	HELIOS CANOPY	MATTE BLACK	REF: REFLECTED CEILING PLAN		
COLUMN		·				
CM-101	PACIFIC COLUMNS, INC.	ENDURA-CLASSIC COLUMN - TAPERED FLUTED	WHITE	8"		
DOOR PEDIMEN	NT .					
DP-101	EKENA MILLWORK	ACORN ARCHITECTURL GRADE PVC COMBINATION PEDIMENT	WHITE	84" BOTTOM		
GUTTER AND D	OWNSPOUT	•	·	'		
DS-101	METAL ERA	DOWNSPOUT	BONE WHITE	DS - 3"x3"		
GT-101	METAL ERA	GUTTER	BONE WHITE			

MATERIAL	VENDOR	COLLECTION	COLOR/FINISH	SIZE	GROUT	NOTES	
MAIERIAL	VENDOR	COLLECTION	COLOR/FINISH	SIZE	GROOT	NOTES	
NEW BRICK TO	MATCH EXISTING						
BR-101	ACME BRICK	SMOOTH	MERCHANT'S MILL	MODULAR	#333 ALABASTER	MATCH EXISTING	
BR-102	ACME BRICK	SMOOTH	MERCHANT'S MILL	MODULAR/BRICK	SILL #333 ALABASTER		
NEW COMPOSI	TE SIDING			·		·	
SD-101	LP SMART SIDE	38 SERIES CEDAR TEXTURE LAP SIDING	SNOWSCAPE WHITE	7.84in			
SHUTTERS							
SH-101							
SOFFIT		·		·			
SF-101	LP SMART SIDE	38 SERIES CEDAR TEXTURE SOFFIT	SNOWSCAPE WHITE	.354in THICKNES	S		
WOOD FASCIA							
FC-101	LP SMART SIDE	440 SERIES SMOOTH FINSH TRIM	SNOWSCAPE WHITE	1x9.21 & 1x11.21			

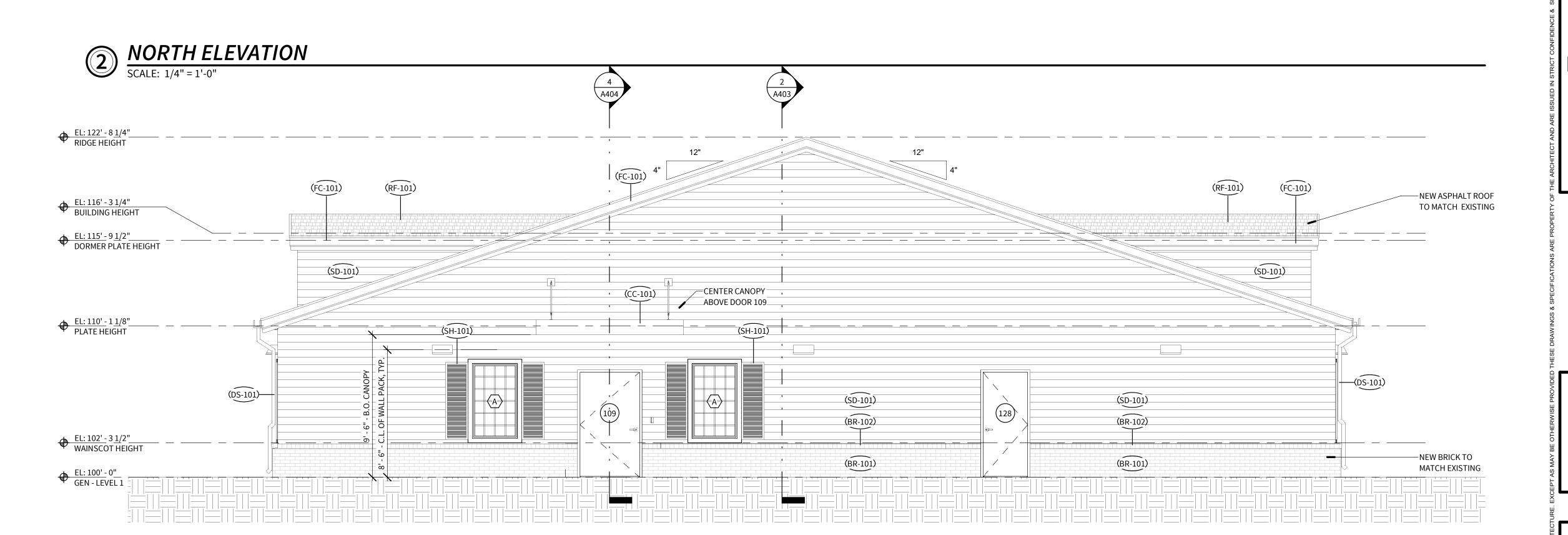


□(CM-101)

□CM-101

(CM-101)

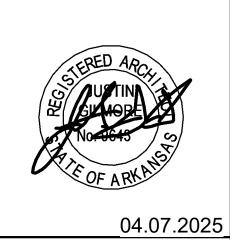
(CM-101)







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PROJECT INFORMATION:

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A 04.07.2025 ISSUE DATE: **REVISIONS:** 

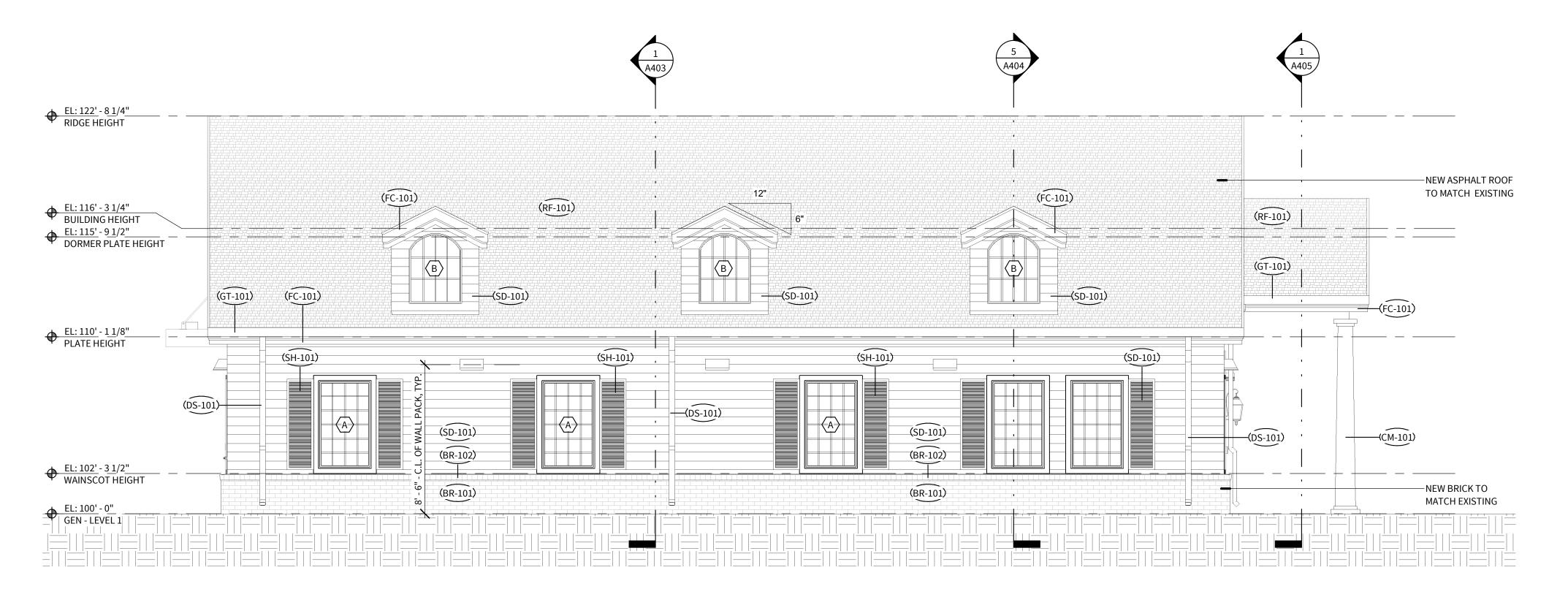
SHEET NAME:

**EXTERIOR ELEVATIONS** 

SHEET NUMBER: 4/4/2025 5:40:03 PM

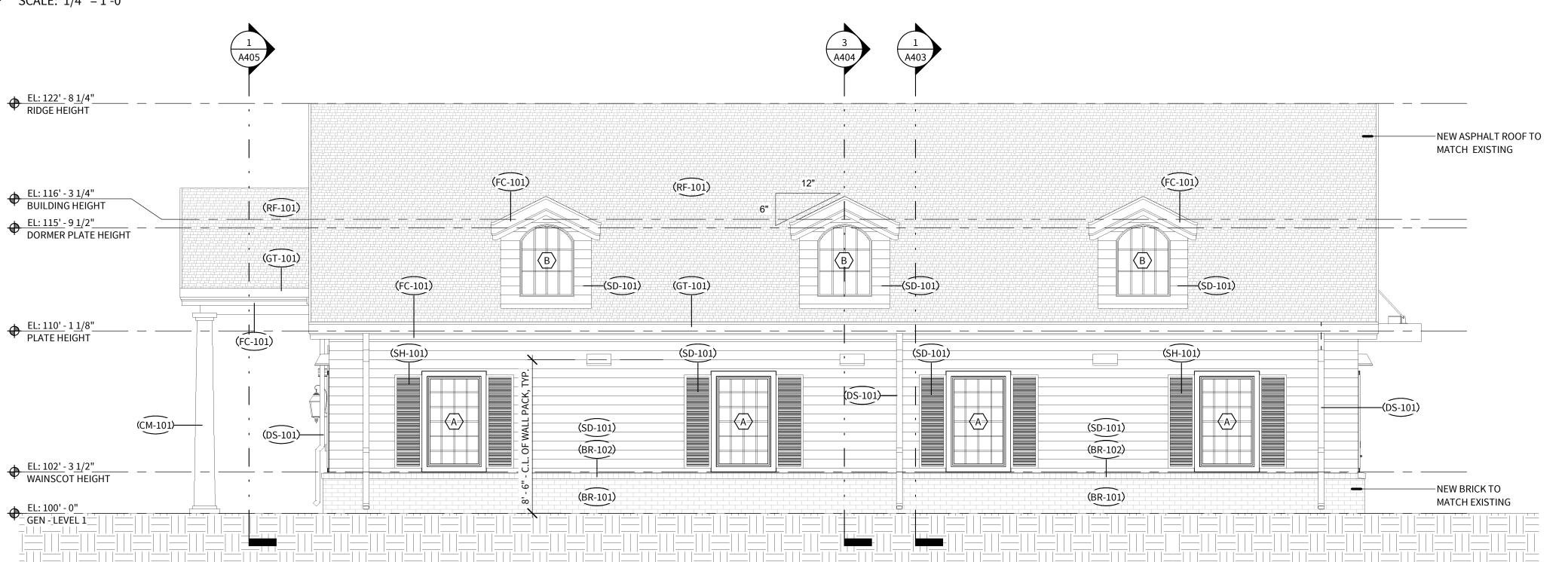
EXTER	RIOR FINISH LE	<b>GEND - MEDICAL DETOX B</b>	BUILDING			
MATERIAL	VENDOR	COLLECTION	COLOR/FINISH	SIZE	GROUT	NOTES
ASPHALT SHIN	GLES			<u> </u>	'	,
RF-101	OWENS CORNING	TRU DEFINITION DURATION	ESTATE GRAY			MATCH EXISTING
CANOPY COVER	?					
CC-101	ARCHITECTURAL FABRICATION	HELIOS CANOPY	MATTE BLACK	REF: REFLECTED CEILING PLAN		
COLUMN		·				
CM-101	PACIFIC COLUMNS, INC.	ENDURA-CLASSIC COLUMN - TAPERED FLUTED	WHITE	8"		
DOOR PEDIMEN	NT .					
DP-101	EKENA MILLWORK	ACORN ARCHITECTURL GRADE PVC COMBINATION PEDIMENT	WHITE	84" BOTTOM		
GUTTER AND D	OWNSPOUT	•	·	'		
DS-101	METAL ERA	DOWNSPOUT	BONE WHITE	DS - 3"x3"		
GT-101	METAL ERA	GUTTER	BONE WHITE			

EXTER	RIOR FINISH	I LEGEND - MEDICAL DET	OX BUILDING				
MATERIAL	VENDOR	COLLECTION	COLOR/FINISH	SIZE	GROUT	NOTES	
NEW BRICK TO	MATCH EXISTING		'				
BR-101	ACME BRICK	SMOOTH	MERCHANT'S MILL	MODULAR	#333 ALABASTER	MATCH EXISTING	
BR-102	ACME BRICK	SMOOTH	MERCHANT'S MILL	MODULAR/BRICK SILL	#333 ALABASTER		
NEW COMPOSIT	TE SIDING					·	
SD-101	LP SMART SIDE	38 SERIES CEDAR TEXTURE LAP SIDING	SNOWSCAPE WHITE	7.84in			
SHUTTERS							
SH-101							
SOFFIT							
SF-101	LP SMART SIDE	38 SERIES CEDAR TEXTURE SOFFIT	SNOWSCAPE WHITE	.354in THICKNESS			
WOOD FASCIA							
FC-101	LP SMART SIDE	440 SERIES SMOOTH FINSH TRIM	SNOWSCAPE WHITE	1x9.21 & 1x11.21			



EAST ELEVATION

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

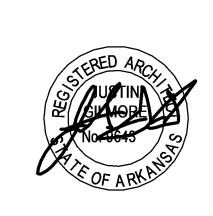






Level 5 Architecture

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04.07.2025



PROJECT INFORMATION:

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A
ISSUE DATE: 04.07.2025
REVISIONS:

SHEET NAME:

EXTERIOR ELEVATIONS

SHEET NUMBER:

A402

4/4/2025 5:40:07 PM

### **INSULATION NOTES**

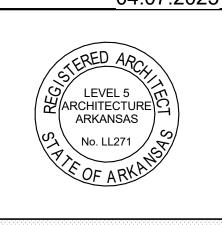
- 1. ALL EXTERIOR WALLS ARE TO RECEIVE 3 1/2"; R-13 BATT INSULATION
- 2. INTERIOR 2 x 4 STUD WALLS ARE TO RECEIVE 3 1/2"; R-13 BATT INSULATION AS SHOWN IN PARTITION TYPES AND PLANS
- 3. ROOF DECK AND UNDERSIDE OF FLOOR TO RECEIVE R-38 OPEN CELL SPRAY FOAM INSULATION
- 4. RE: WALL SECTIONS FOR ANY ADDITIONAL INSULATION REQUIRED AT EXTERIOR WALLS AND ROOF DECK



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ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: ISSUE DATE: 04.07.2025 **REVISIONS:** 

SHEET NAME:

BUILDING SECTIONS

SHEET NUMBER:



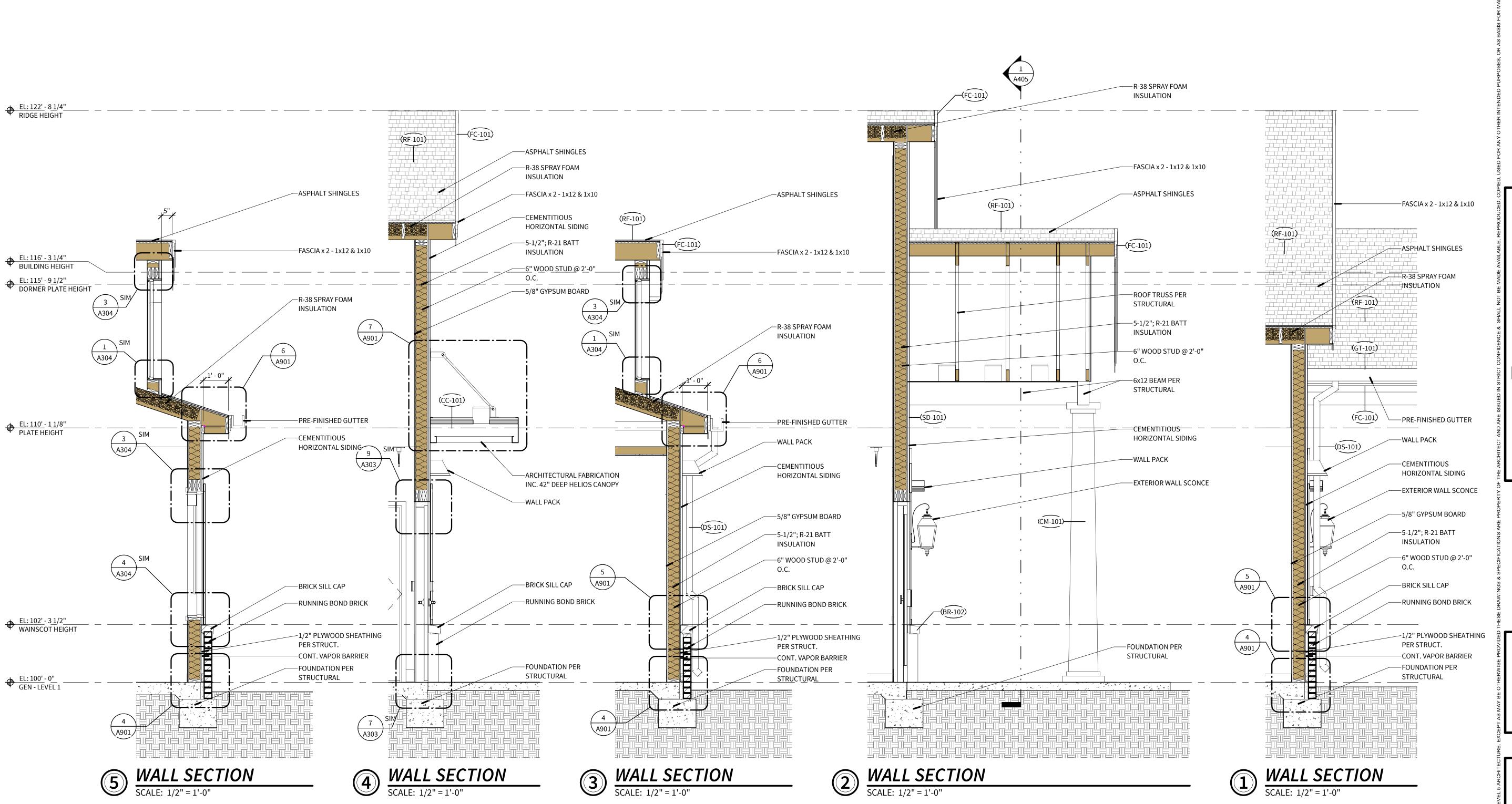
# BUILDING SECTION - MEDICAL DETOX BUILDING SCALE: 1/4" = 1'-0"

EL: 122' - 8 1/4" - RIDGE HEIGHT EL: 116' - 3 1/4"
BUILDING HEIGHT EL: 115' - 9 1/2"

DORMER PLATE HEIGHT ◆ EL: 110' - 1 1/8" - PLATE HEIGHT ♦ EL: 102' - 3 1/2" WAINSCOT HEIGHT EL: 100' - 0"
GEN - LEVEL 1

BUILDING SECTION - MEDICAL DETOX BUILDING

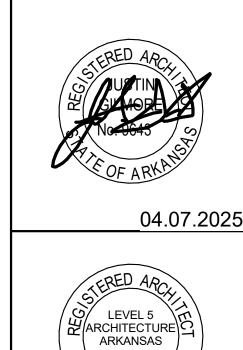
SCALE: 1/4" = 1'-0"





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PROJECT INFORMATION:

ARVAC, INC
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65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A
ISSUE DATE: 04.07.2025
REVISIONS:

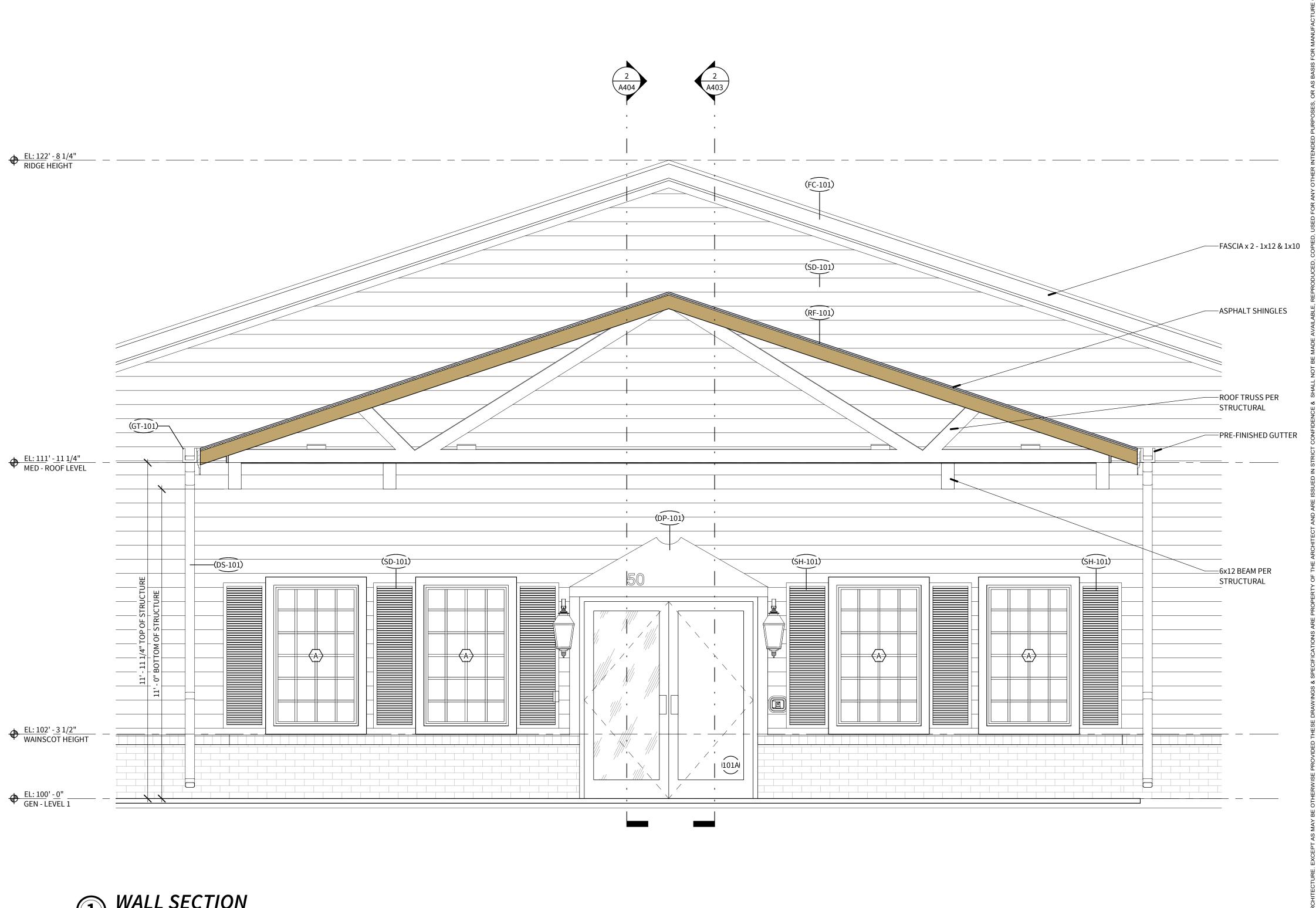
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WALL SECTIONS

SHEET NUMBER:

A404

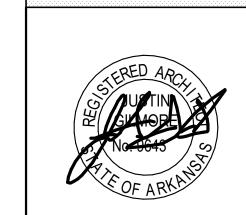
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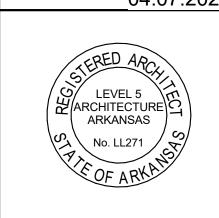
LEVEL 5

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PROJECT INFORMATION:

ARVAC, INC
MEDICAL
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65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A
ISSUE DATE: 04.07.2025
REVISIONS:

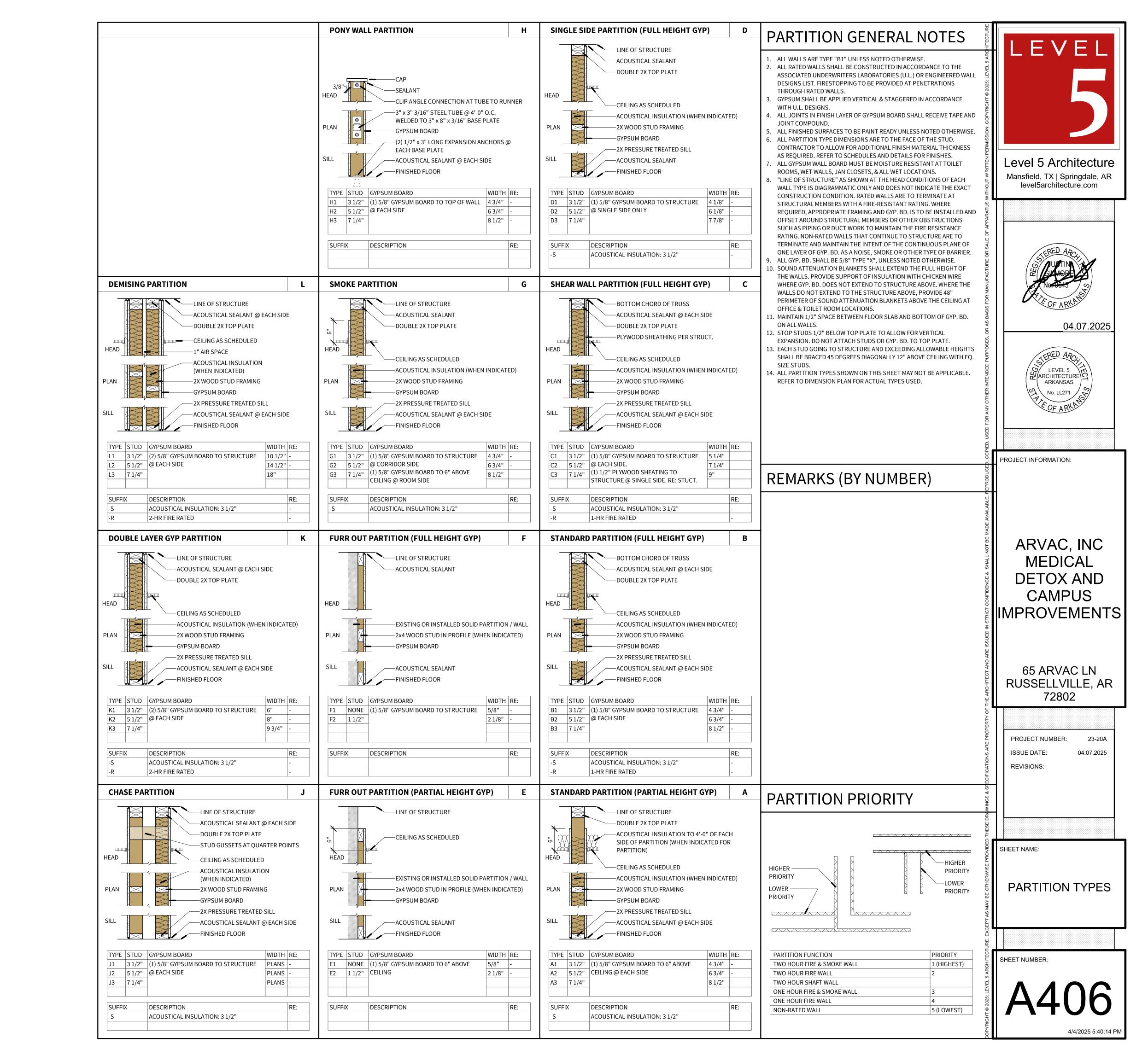
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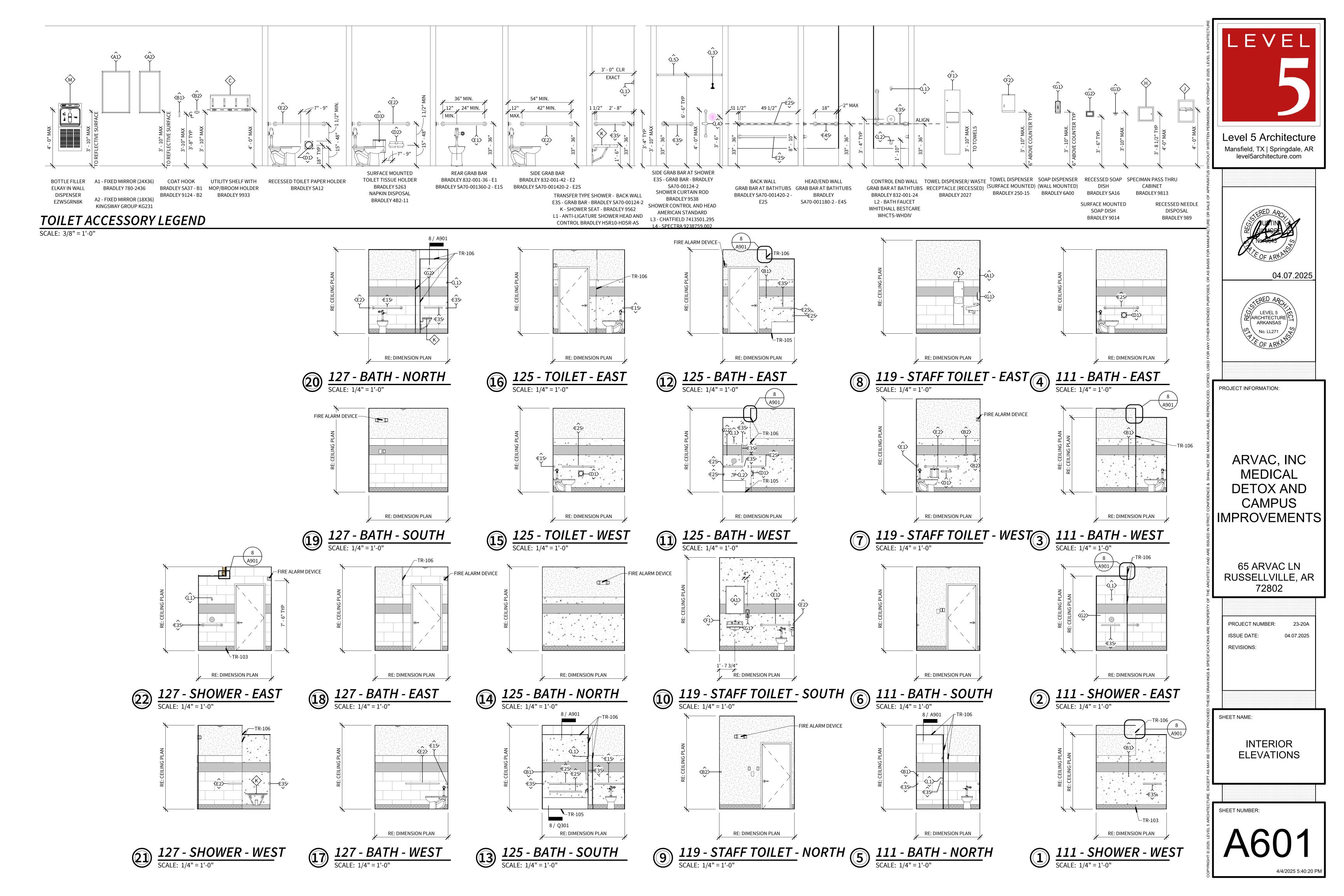
WALL SECTIONS

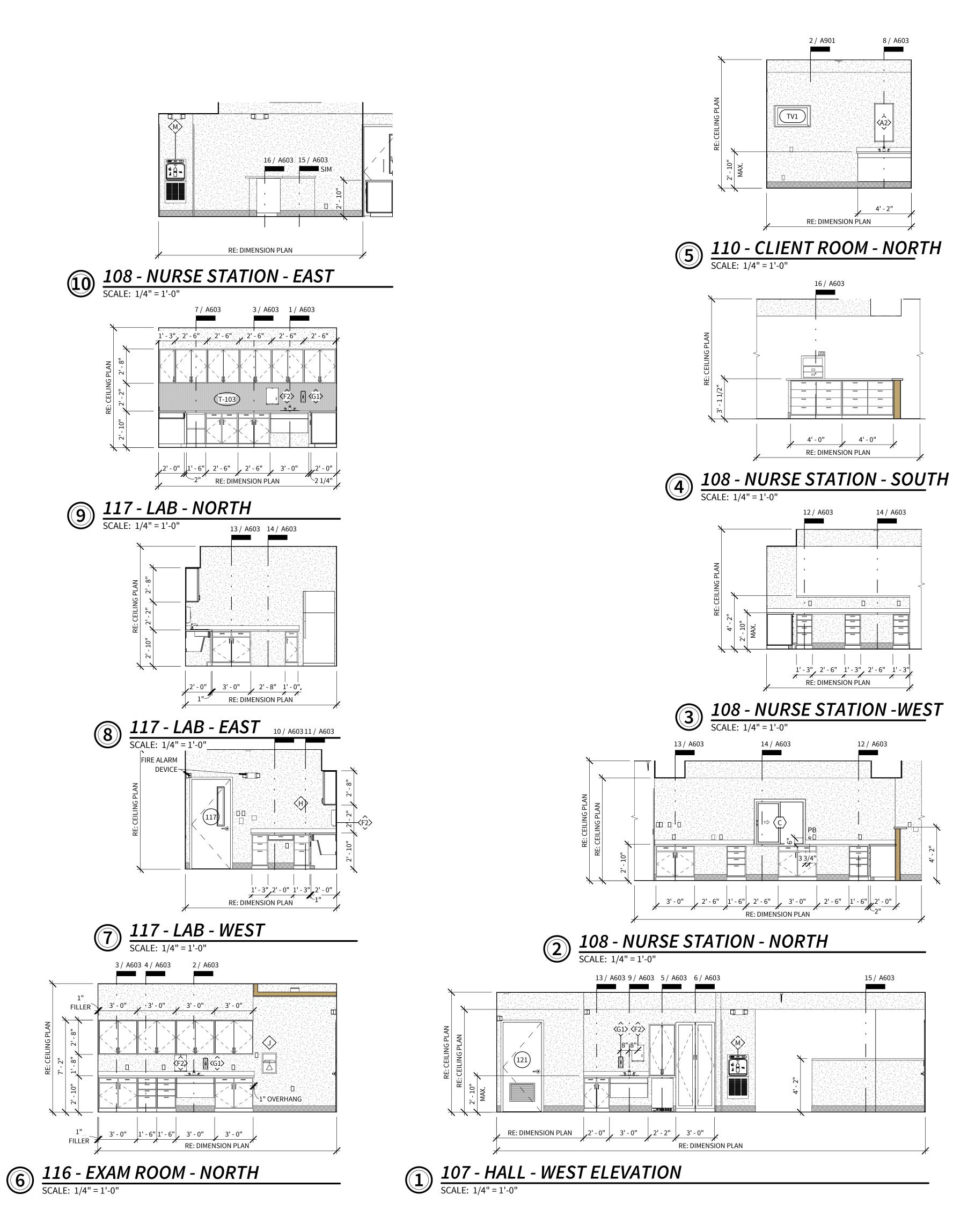
SHEET NUMBER:

A405

 $\underbrace{WALL SECTION}_{SCALE: 1/2"=1'-0"}$ 









2 / A901

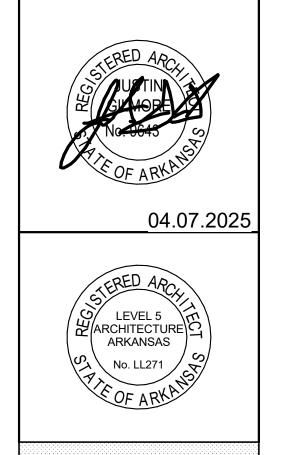
RE: DIMENSION PLAN

4' - 0"

RE: DIMENSION PLAN

14 / A603

1'-3" 2'-6" 1'-3" 2'-6" 1'-3 RE: DIMENSION PLAN



ARVAC, INC **MEDICAL DETOX AND** CAMPUS IMPROVEMENTS

PROJECT INFORMATION:

PROJECT NUMBER: 23-20A 04.07.2025 ISSUE DATE: **REVISIONS:** 

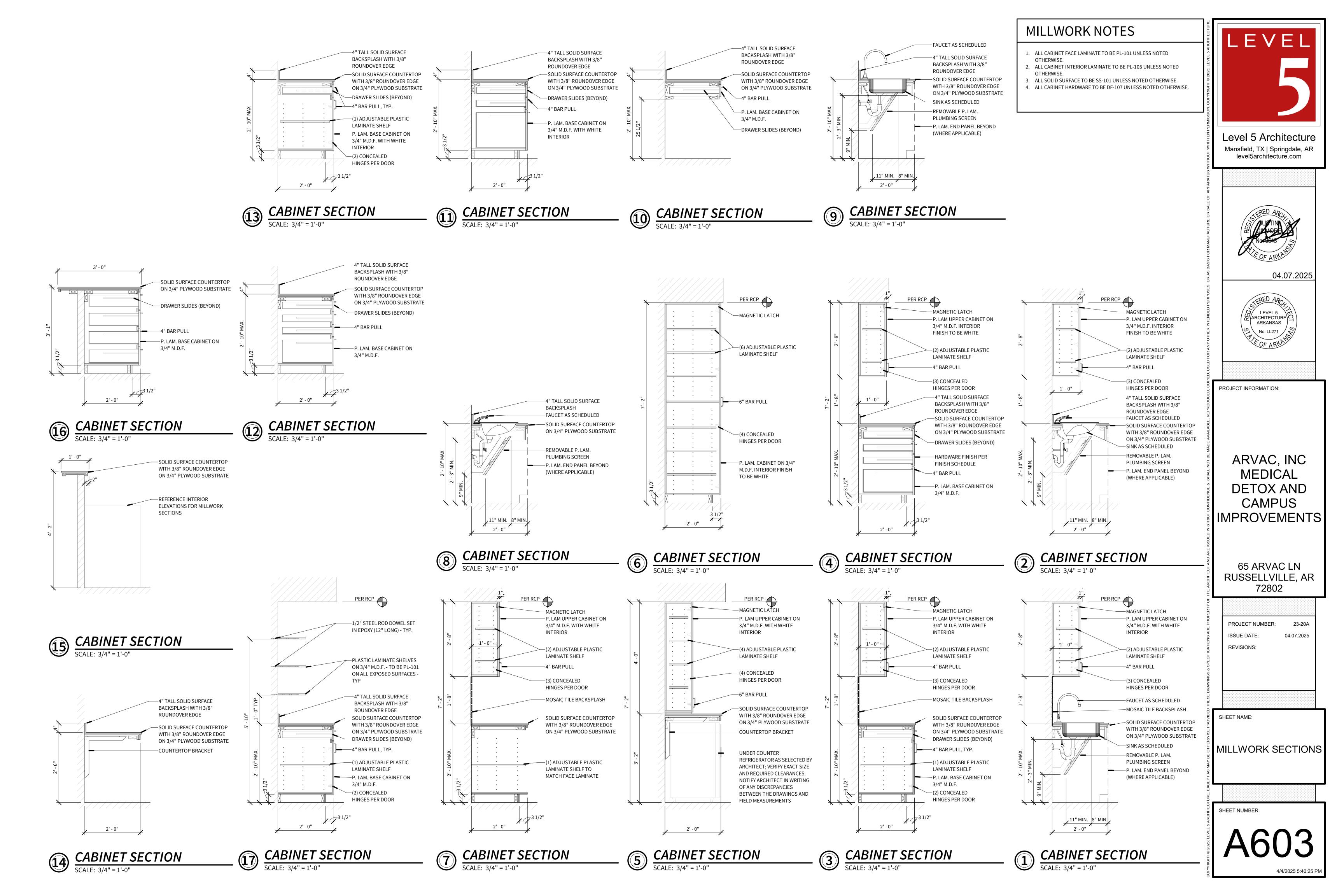
65 ARVAC LN

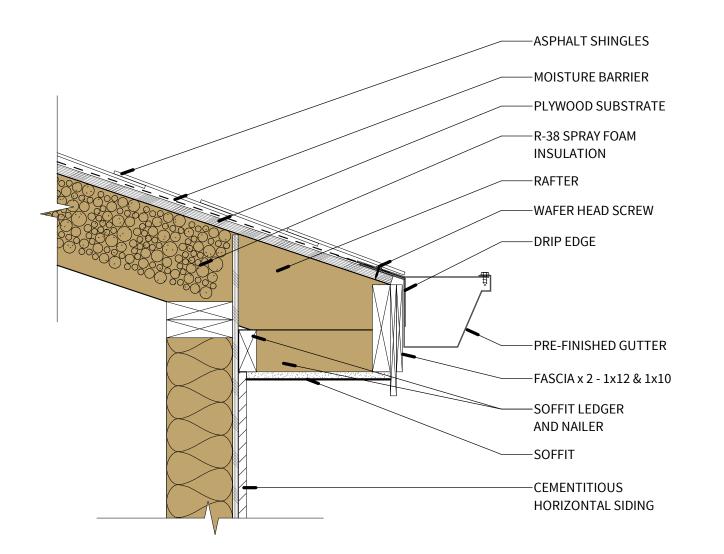
RUSSELLVILLE, AR

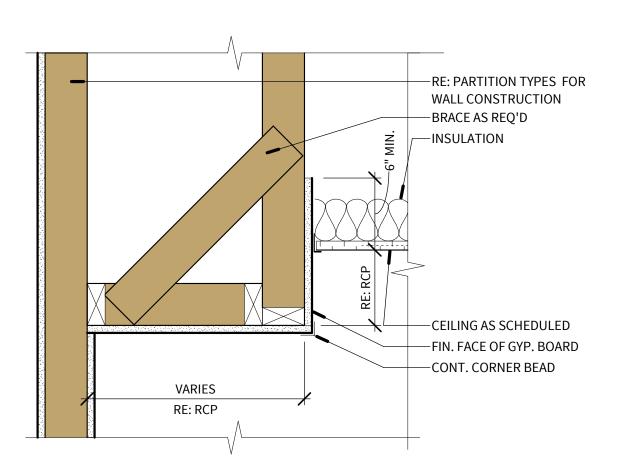
72802

SHEET NAME:

INTERIOR **ELEVATIONS** 



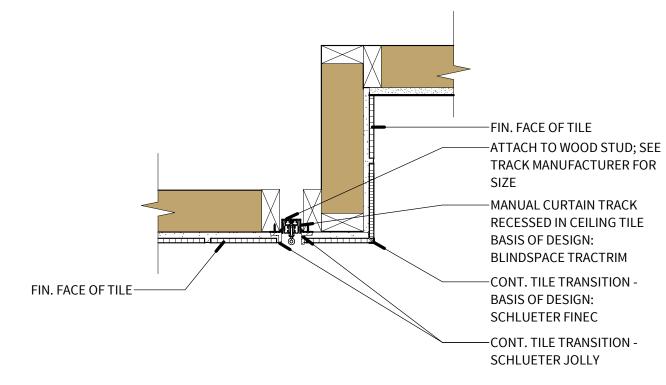




6 EAVE DETAIL

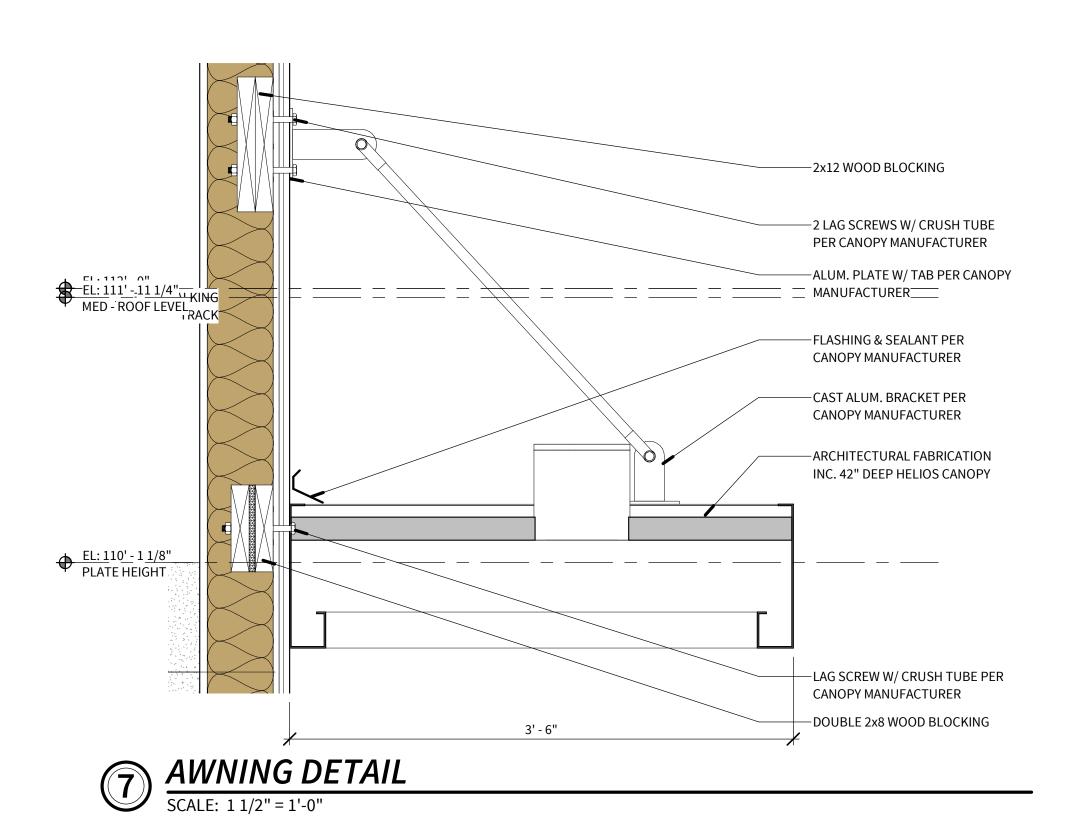
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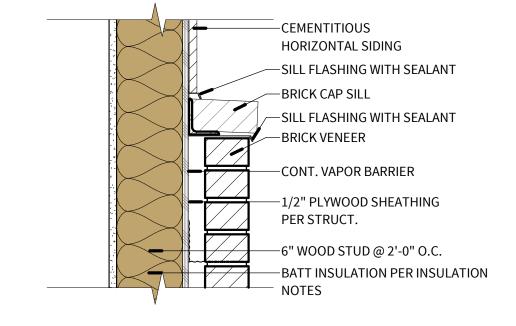
3 TYPICAL FURR DOWN
SCALE: 1 1/2" = 1'-0"

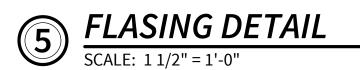


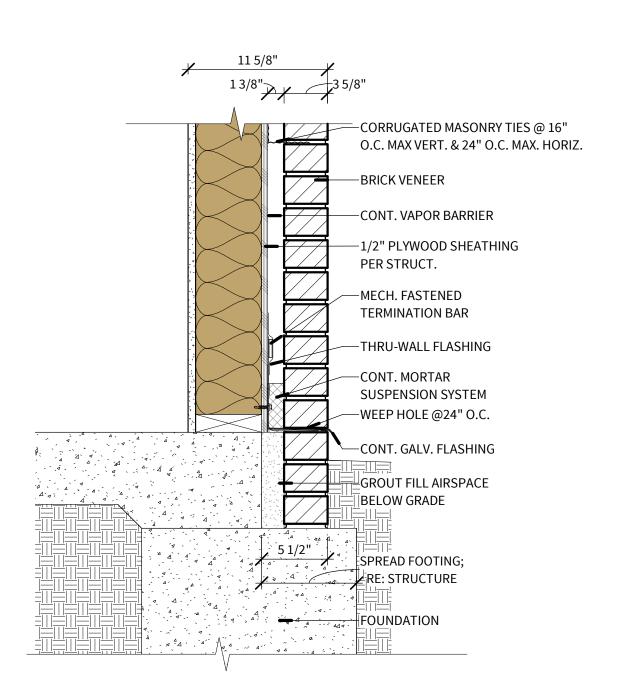
MANUAL CURTAIN TRACK

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

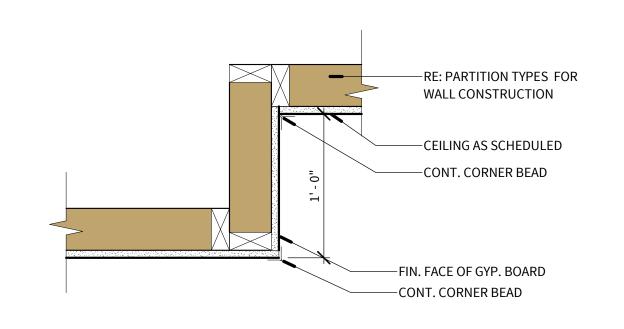






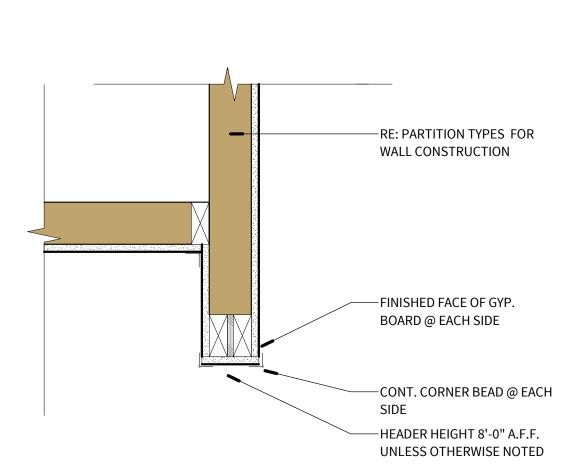






TYPICAL TRAY CEILING

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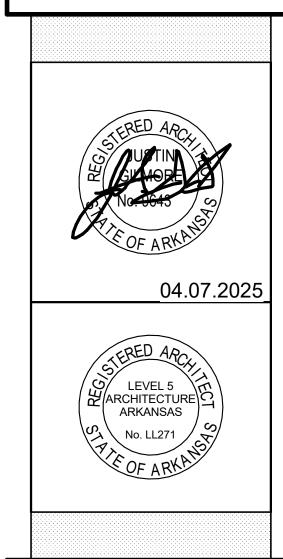


TYPICAL HEADER

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

4/4/2025 5:40:26 PM





PROJECT INFORMATION:

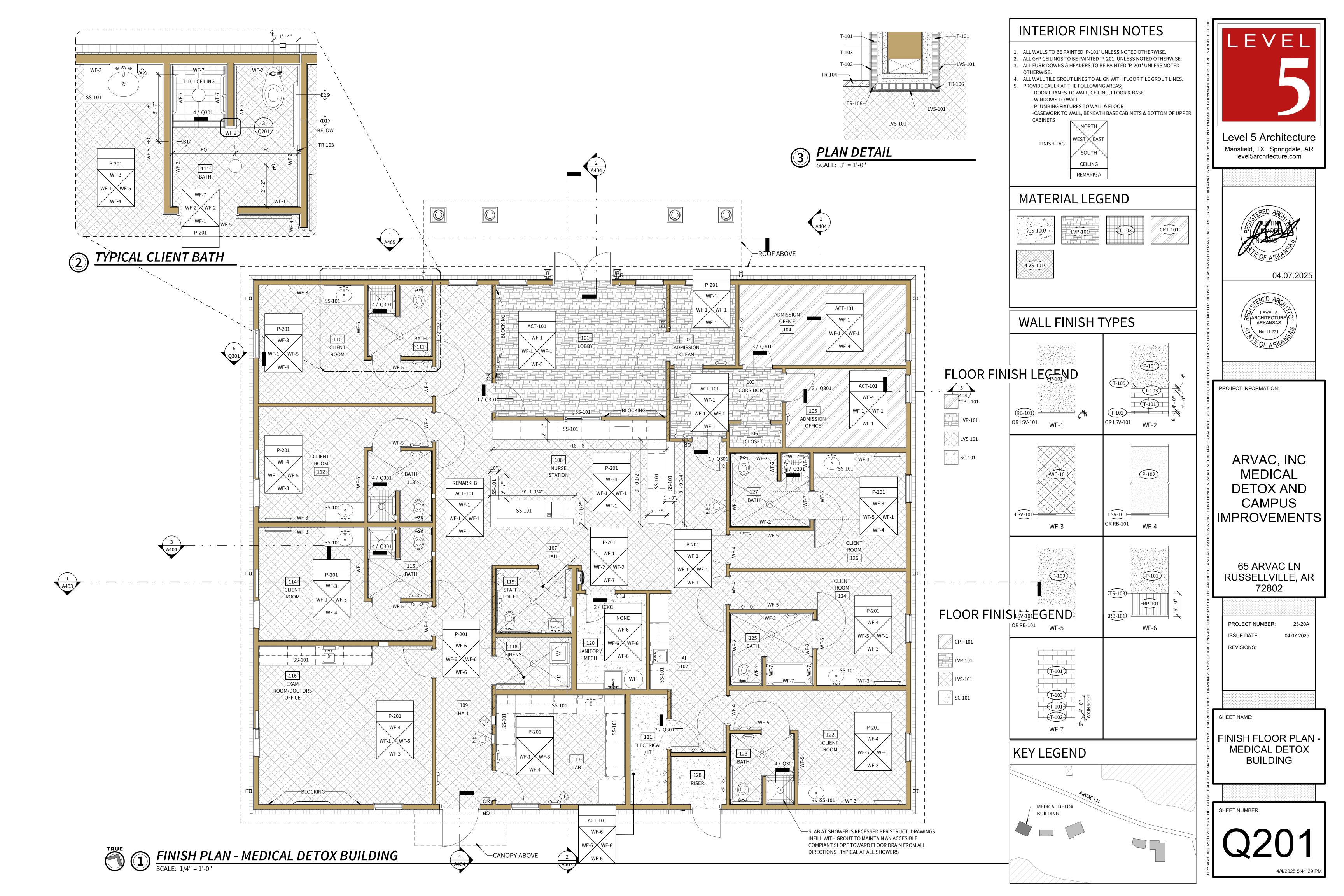
ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

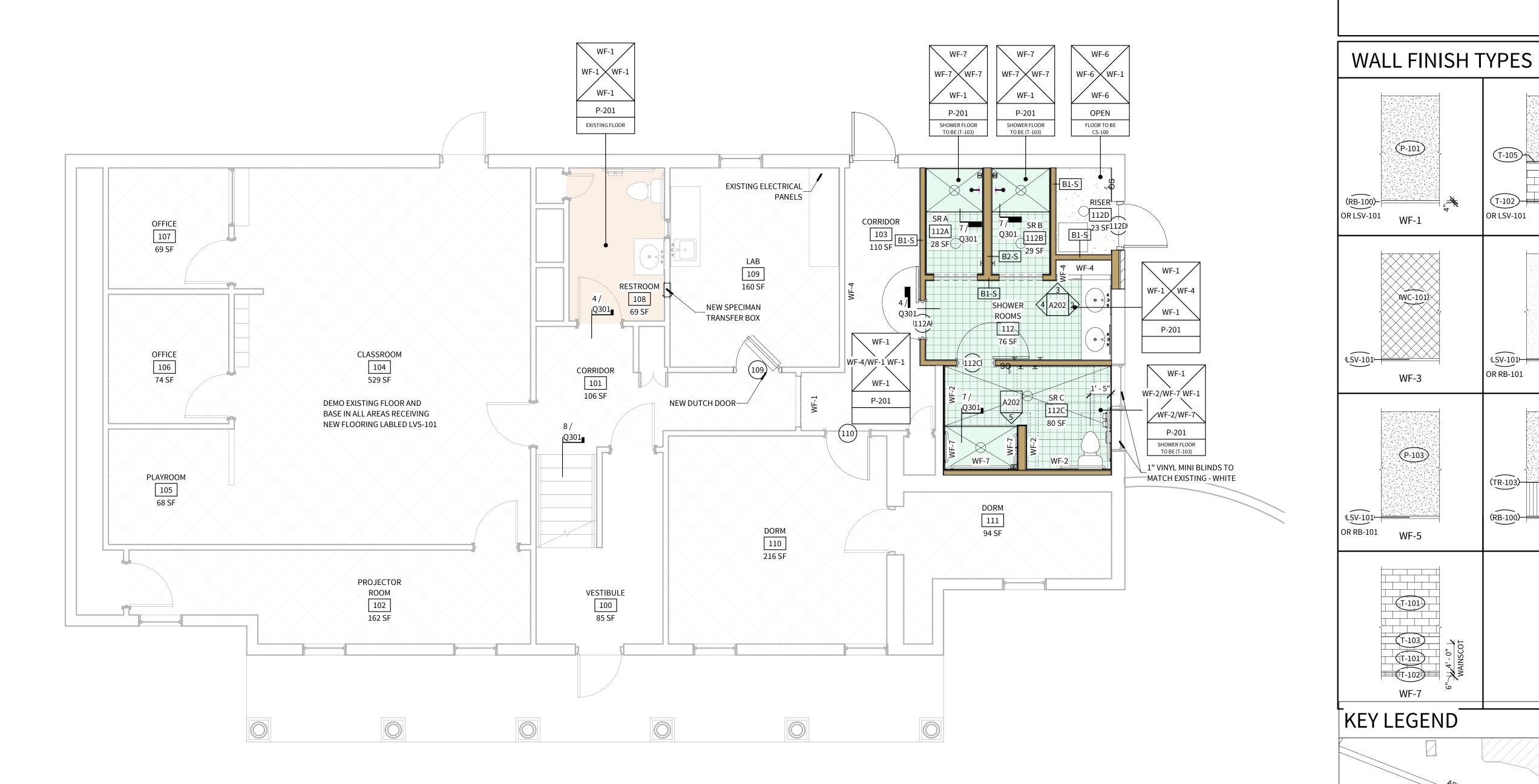
65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A 04.07.2025 ISSUE DATE: **REVISIONS:** 

SHEET NAME:

SECTION DETAILS

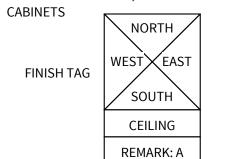




# FINISH PLAN - LEVEL 1 - WOMEN'S DORM SCALE: 1/4" = 1'-0"

#### INTERIOR FINISH NOTES

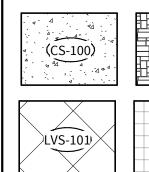
- . ALL WALLS TO BE PAINTED 'P-101' UNLESS NOTED OTHERWISE. 2. ALL GYP CEILINGS TO BE PAINTED 'P-201' UNLESS NOTED OTHERWISE. 3. ALL FURR-DOWNS & HEADERS TO BE PAINTED 'P-201' UNLESS NOTED
- 4. ALL WALL TILE GROUT LINES TO ALIGN WITH FLOOR TILE GROUT LINES. 5. PROVIDE CAULK AT THE FOLLOWING AREAS; -DOOR FRAMES TO WALL, CEILING, FLOOR & BASE
  - -WINDOWS TO WALL -PLUMBING FIXTURES TO WALL & FLOOR
  - -CASEWORK TO WALL, BENEATH BASE CABINETS & BOTTOM OF UPPER



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## MATERIAL LEGEND

T-102



(P-101)

(WC-101)

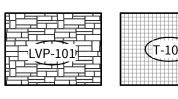
WF-3

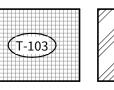
(P-103)

WF-5

WF-7

<sup>\</sup>—WOMEN'S DORM





(P-101)

(P-102)

(P-101)

FRP-101

WF-6

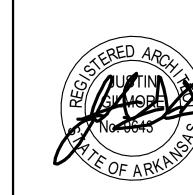
OR RB-101

(TR-103)—

(RB-100)

OR LSV-101





04.07.2025



PROJECT INFORMATION:

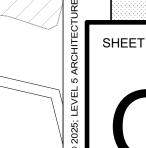
ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

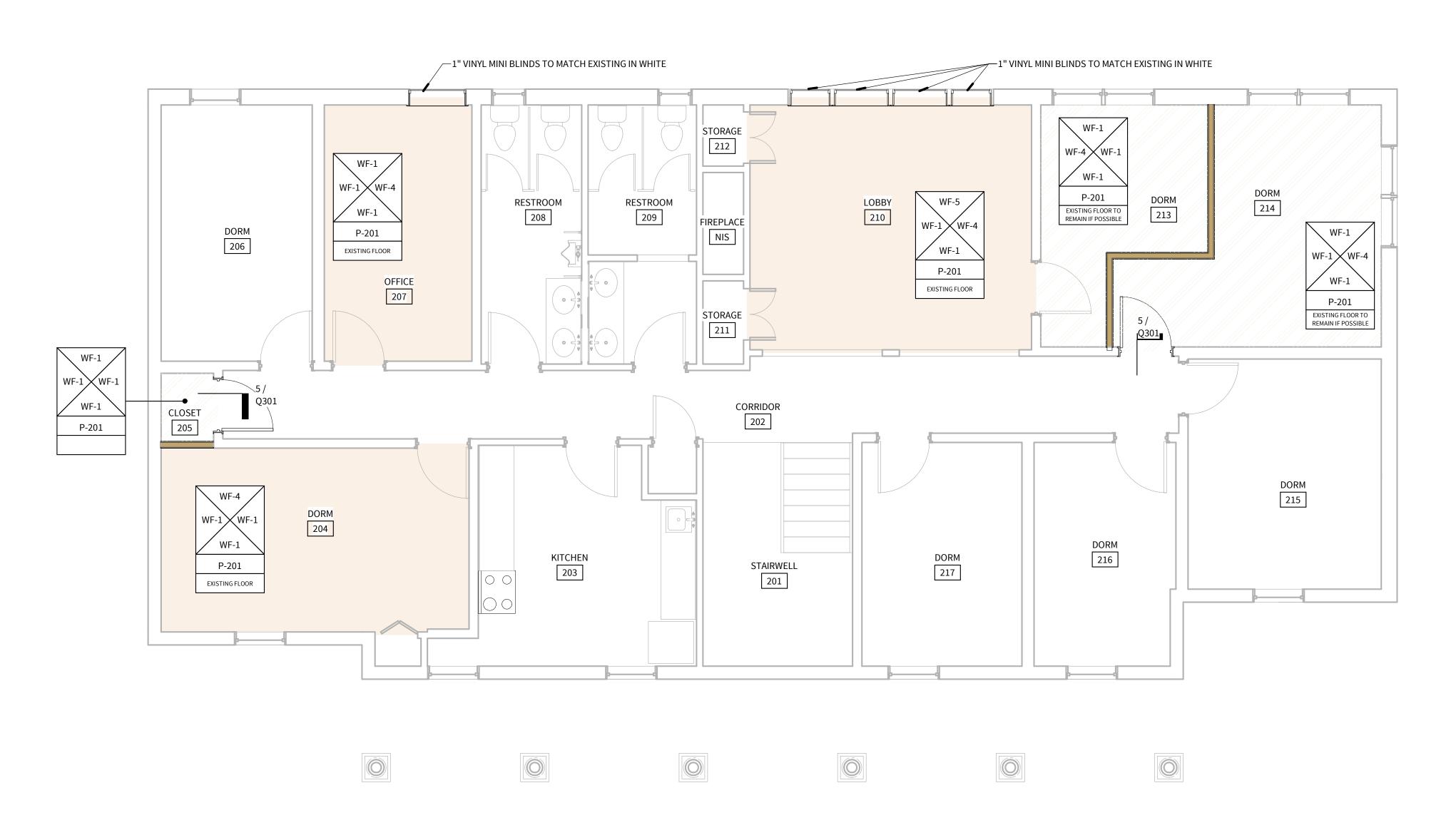
PROJECT NUMBER: 23-20A 04.07.2025 ISSUE DATE: **REVISIONS:** 

SHEET NAME:

FINISH FLOOR PLAN WOMEN'S DORM LEVEL 1



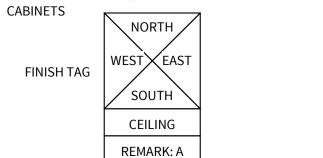
ROOM			FLOOR			WALL	FINISH		
NUMBER	ROOM NAME	FLOOR FINISH	TRANSITION	CEILING FINISH	NORTH	SOUTH	EAST	WEST	NOTES
.01	CORRIDOR	LVS-101	8/Q301	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
.02	PROJECTOR ROOM	LVS-101	-	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
103	CORRIDOR	LVS-101	-	P-201	WF-1	WF-1	WF-1	WF-1 / WF-4	
.04	CLASSROOM	LVS-101	-	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
L05	PLAYROOM	LVS-101	-	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
106	OFFICE	LVS-101	-	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
L07	OFFICE	LVS-101	-	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
.08	RESTROOM	EXISTING	4/Q301	P-201	WF-1	WF-1	WF-1	WF-1	
.09	LAB	LVS-101	-	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
.10	DORM	LVS-101	-	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
.11	DORM	LVS-101	-	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	
.12	SHOWER ROOMS	T-102	4/Q301	P-201	WF-1	WF-1	WF-4	WF-1	
12A	SR A	T-102	7/Q301	P-201	WF-7	WF-1	WF-7	WF-7	
L12B	SR B	T-102	7/Q301	P-201	WF-7	WF-1	WF-7	WF-7	
112C	SR C	T-102	7/Q301	P-201	WF-1	WF-7 / WF-2	WF-1	WF-7 / WF-2	
L12D	RISER	CS-100	-	OPEN	WF-6	WF-6	WF-1	WF-6	
04	DORM	EXISTING	-	P-201	WF-4	WF-1	WF-1	WF-1	EXISTING BASE TO REMAIN
.05	CLOSET	CPT-101	5/Q301	P-201	WF-1	WF-1	WF-1	WF-1	EXISTING BASE TO REMAIN
207	OFFICE	EXISTING	-	P-201	WF-1	WF-1	WF-4	WF-1	EXISTING BASE TO REMAIN
10	LOBBY	EXISTING	-	P-201	WF-5	WF-1	WF-4	WF-1	EXISTING BASE TO REMAIN
213	DORM	CPT-101	5/Q301	P-201	WF-1	WF-1	WF-1	WF-4	EXISTING BASE TO REMAIN/ EXISTING FLOOR TO REMAIN II POSSIBLE
14	DORM	CPT-101	5/Q301	P-201	WF-1	WF-1	WF-4	WF-1	EXISTING BASE TO REMAIN/ EXISTING FLOOR TO REMAIN II POSSIBLE





## INTERIOR FINISH NOTES

- . ALL WALLS TO BE PAINTED 'P-101' UNLESS NOTED OTHERWISE. 2. ALL GYP CEILINGS TO BE PAINTED 'P-201' UNLESS NOTED OTHERWISE. 3. ALL FURR-DOWNS & HEADERS TO BE PAINTED 'P-201' UNLESS NOTED
- 4. ALL WALL TILE GROUT LINES TO ALIGN WITH FLOOR TILE GROUT LINES. 5. PROVIDE CAULK AT THE FOLLOWING AREAS;
- -DOOR FRAMES TO WALL, CEILING, FLOOR & BASE -WINDOWS TO WALL
  - -PLUMBING FIXTURES TO WALL & FLOOR -CASEWORK TO WALL, BENEATH BASE CABINETS & BOTTOM OF UPPER



## MATERIAL LEGEND

(T-102)

WALL FINISH TYPES

(P-101)

(WC-101)

WF-3

(P-103)

WF-5

WF-7

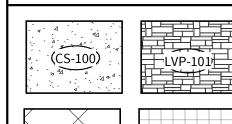
KEY LEGEND

(LSV-101)

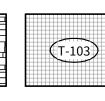
LSV-101

OR RB-101

(RB-100)-



LVS-101)



OR LSV-101

(P-102)

(P-101)

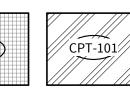
FRP-101

WF-6

OR RB-101 WF-4

(TR-103)—

(RB-100)

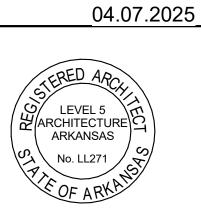






Level 5 Architecture

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PROJECT INFORMATION:

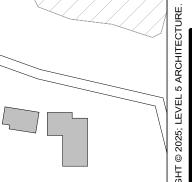
ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

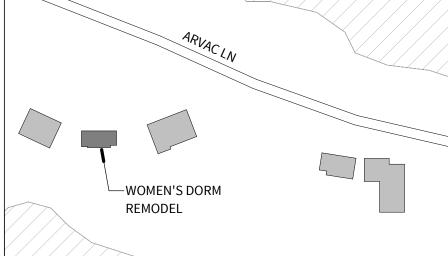
65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 04.07.2025 **REVISIONS:** 

SHEET NAME:

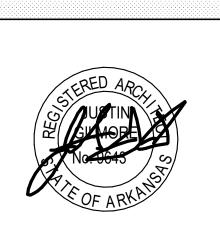
FINISH FLOOR PLAN -WOMEN'S DORM LEVEL 2



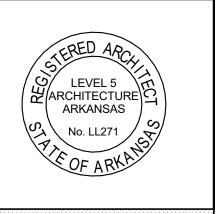




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04.07.2025



PROJECT INFORMATION:

ARVAC, INC MEDICAL **DETOX AND** CAMPUS IMPROVEMENTS

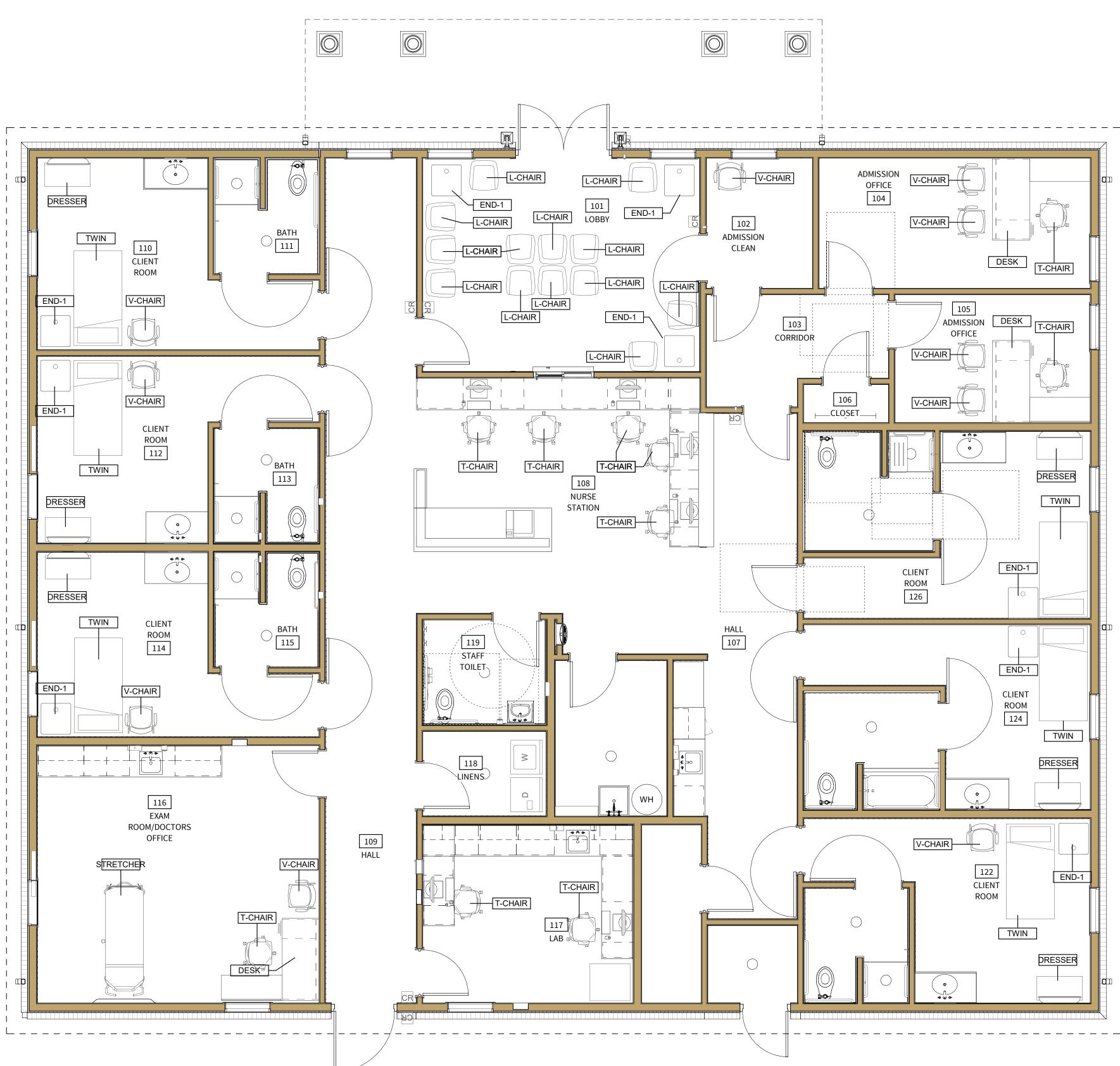
65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 04.07.2025 ISSUE DATE: **REVISIONS:** 

SHEET NAME:

SHEET NUMBER:

**EQUIPMENT PLAN -**MEDICAL DETOX BUILDING



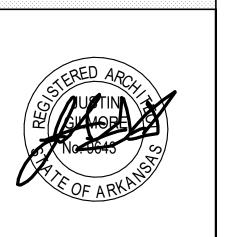
ROOM/DOO OFFICE	CTORS	109 HALL	
	AN - MEDICAL DE	TOX BUIL	DING
SCALE: 1/4" = 1'-0"			

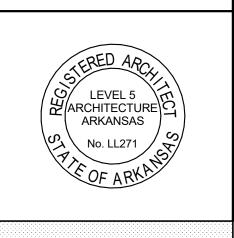
	FURNITURE	SCHEDU	LE - DETOX BUILI	DING		FURNITURE	SCHEDU	LE - DETOX BUIL	DING
Room: Number	Type Mark	Manuf.	Model	Comments	Room: Number	Type Mark	Manuf.	Model	Comments
ΔΠΜΙςςΙ	ON CLEAN				FXAM RO	OM/DOCTOR	S OFFICE	=	
102	V-CHAIR	KI	STRIVE SLED WITH ARMS		116	STRETCHE R			
ADMISSI	ON OFFICE				116	V-CHAIR	KI	STRIVE SLED WITH ARMS	
105	V-CHAIR	KI	STRIVE SLED		116	T-CHAIR	KI, Inc.	DIEM TASK	BEST -
			WITH ARMS					CHAIR	CHAIR
105	T-CHAIR	KI, Inc.	DIEM TASK CHAIR	WITH ARMS	116	DESK	KI, Inc.	ORENDA	
105	V-CHAIR	KI	STRIVE SLED WITH ARMS		LAB 117	T-CHAIR	KI, Inc.	DIEM TASK	BEST -
104	V-CHAIR	KI	STRIVE SLED		117	I-CHAIR	KI, IIIC.	CHAIR	CHAIR
			WITH ARMS		117	T-CHAIR	KI, Inc.	DIEM TASK	BEST -
104	T-CHAIR	KI, Inc.	DIEM TASK	WITH ARMS				CHAIR	CHAIR
			CHAIR						
104	V-CHAIR	KI	STRIVE SLED		LOBBY				
			WITH ARMS		101	L-CHAIR	KI, Inc.	CALIDA SLED	
CLIENT R	MOOM				101	L-CHAIR	KI, Inc.	CALIDA SLED	
122	TWIN	KI	ROOMSCAPE		101	L-CHAIR	KI, Inc.		
122	IVVIIN	IXI	SINGLE		101	L-CHAIR	KI, Inc.		
112	TWIN	KI	ROOMSCAPE		101	L-CHAIR	KI, Inc.		
			SINGLE		101	L-CHAIR	KI, Inc.		
112	DRESSER	KI, Inc.	ROOMSCAPE		101	L-CHAIR	KI, Inc.		
			DRESSER		101	END-1	KI, Inc.		
			LAMINATE		101	END-1	KI, Inc.		
126	TWIN	KI	ROOMSCAPE		101 101	END-1 L-CHAIR	KI, Inc.	ZOETRY  CALIDA SLED	
122	DDECCED	KI Inc	SINGLE		101	L-CHAIR	KI, Inc.		
122	DRESSER	KI, Inc.	ROOMSCAPE DRESSER		101	L-CHAIR	KI, Inc.		
			LAMINATE		101	L-CHAIR	KI, Inc.		
110	DRESSER	KI, Inc.	ROOMSCAPE		101	L-CHAIR	KI, Inc.		
			DRESSER		101	L-CHAIR	KI, Inc.		
			LAMINATE		101	2 011/1111	1111, 1110.	O, ICIDI ( OCC	
114	TWIN	KI	ROOMSCAPE		NURSE S	TATION			
111	DDECCED	VI Inc	SINGLE		108	T-CHAIR	KI, Inc.	DIEM TASK	
114	DRESSER	KI, Inc.	ROOMSCAPE DRESSER					CHAIR	
			LAMINATE		108	T-CHAIR	KI, Inc.	DIEM TASK	
124	DRESSER	KI, Inc.	ROOMSCAPE					CHAIR	
			DRESSER		108	T-CHAIR	KI, Inc.	DIEM TASK	
			LAMINATE		100	T CLIMID	VI Inc	CHAIR	
122	END-1	KI, Inc.	ZOETRY		108	T-CHAIR	KI, Inc.	DIEM TASK CHAIR	
122	V-CHAIR	KI	STRIVE SLED		108	T-CHAIR	KI, Inc.	DIEM TASK	
124	TIALINI	1/1	WITH ARMS		100	T CHIAIR	Ta, me.	CHAIR	
124	TWIN	KI	ROOMSCAPE SINGLE						
110	END-1	KI, Inc.	ZOETRY						
112	END-1	KI, Inc.	ZOETRY						
 114	END-1	KI, Inc.	ZOETRY						
126	END-1	KI, Inc.	ZOETRY						
124	END-1	KI, Inc.	ZOETRY						
110	TWIN	KI	ROOMSCAPE						
110	V-CHAIR	KI	SINGLE STRIVE SLED						
			WITH ARMS						
112	V-CHAIR	KI	STRIVE SLED WITH ARMS						
114	V-CHAIR	KI	STRIVE SLED						
120	DDECCES	IZI I	WITH ARMS						
126	DRESSER	KI, Inc.	ROOMSCAPE						

DRESSER LAMINATE



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PROJECT INFORMATION:

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 04.07.2025 ISSUE DATE: **REVISIONS:** 

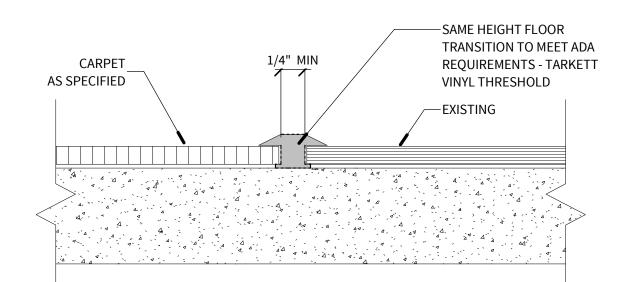
SHEET NAME:

FURNITURE PLAN -MEDICAL DETOX BUILDING

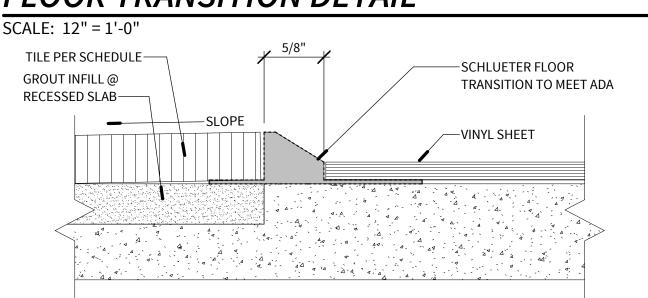
ROOM			FLOOR			WALL	FINISH		
NUMBER	ROOM NAME	FLOOR FINISH	TRANSITION	CEILING FINISH	NORTH	SOUTH	EAST	WEST	NOTES
101	LOBBY	LVP-101	1/Q301	ACT-101	WF-1	WF-5	WF-1	WF-1	BLOCKING FOR FUTURE SIGNAG AS SHOWN
102	ADMISSION CLEAN	LVP-101		P-201	WF-1	WF-1	WF-1	WF-1	
103	CORRIDOR	LVP-101	1/Q301	ACT-101	WF-1	WF-1	WF-1	WF-1	
L04	ADMISSION OFFICE	CPT-101	3/Q301	ACT-101	WF-1	WF-4	WF-1	WF-1	
L05	ADMISSION OFFICE	CPT-101	3/Q301	ACT-101	WF-4	WF-1	WF-1	WF-1	
106	CLOSET	LVP-101		ACT-101	WF-1	WF-1	WF-1	WF-1	
107	HALL	LVS-101		P-201	WF-1	WF-1 / WF-2	WF-1	WF-1	
108	NURSE STATION	LVS-101		P-201	WF-4	WF-1	WF-1	WF-1	
109	HALL	LVS-101		ACT-101	WF-1	WF-1	WF-1	WF-1	
.10	CLIENT ROOM	LVS-101		P-201	WF-3	WF-4	WF-5	WF-1	
.11	BATH	LVS-101	4/Q301	P-201	WF-7	WF-1	WF-2 / WF-7	WF-2 / WF-7	SHOWER TO BE WF-7 ALL SIDES
.12	CLIENT ROOM	LVS-101		P-201	WF-4	WF-3	WF-5	WF-1	
.13	BATH	LVS-101	4/Q301	P-201	WF-1	WF-7	WF-2 / WF-7	WF-2 / WF-7	SHOWER TO BE WF-7 ALL SIDES
14	CLIENT ROOM	LVS-101		P-201	WF-3	WF-4	WF-5	WF-1	
.15	BATH	LVS-101	4/Q301	P-201	WF-7	WF-1	WF-2 / WF-7	WF-2 / WF-7	SHOWER TO BE WF-7 ALL SIDES
116	EXAM ROOM/DOCTORS OFFICE	LVS-101		P-201	WF-4	WF-3	WF-5	WF-1	
17	LAB	LVS-101		P-201	-	WF-4	WF-3	WF-1	
.18	LINENS	LVS-101		P-201	WF-6	WF-6	WF-6	WF-6	
.19	STAFF TOILET	LVS-101		P-201	WF-1	WF-7	WF-2	WF-2	
.20	JANITOR / MECH	SC-101	2/Q301	NONE	WF-6	WF-6	WF-6	WF-6	OPEN TO ATTIC
.21	ELECTRICAL / IT	SC-101	2/Q301	ACT-101	WF-6	WF-6	WF-6	WF-6	
.22	CLIENT ROOM	LVS-101		P-201	WF-4	WF-3	WF-1	WF-5	
23	BATH	LVS-101	4/Q301	P-201	WF-1	WF-7	WF-2 / WF-7	WF-2 / WF-7	SHOWER TO BE WF-7 ALL SIDES
24	CLIENT ROOM	LVS-101		P-201	WF-4	WF-3	WF-1	WF-5	
25	BATH	LVS-101	4/Q301	P-201	WF-1	WF-7	WF-2 / WF-7	WF-2 / WF-7	TUB TO BE WF-7 ALL SIDES
.26	CLIENT ROOM	LVS-101		P-201	WF-3	WF-4	WF-1	WF-5	
.27	BATH	LVS-101	4/Q301	P-201	WF-7	WF-1	WF-2 / WF-7	WF-2 / WF-7	SHOWER TO BE WF-7 ALL SIDES
.28	STAFF BREAK	LVS-101		P-201	WF-4	WF-4	-	WF-4	
.28	RISER	SC-101		NONE	WF-1	WF-1	WF-1	WF-1	

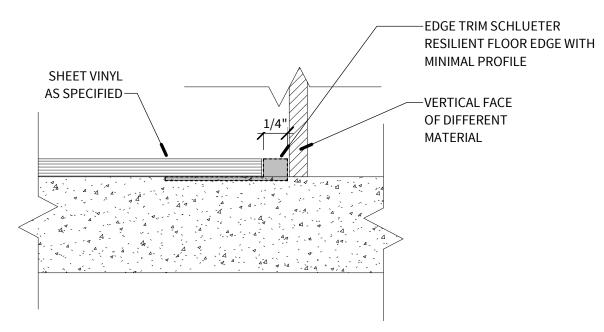
AS SPECIFIED  1/4"  TILE AS  SPECIFIED		SAME HEIGHT FLOOR TRANSITION TO MEET ADA REQUIREMENTS - SCHLUETER
SPECIFIED	TILE AS SPECIFIED—∖	1/4"TILE AS
		SPECIFIED

# FLOOR TRANSITION DETAIL SCALE: 12" = 1'-0"

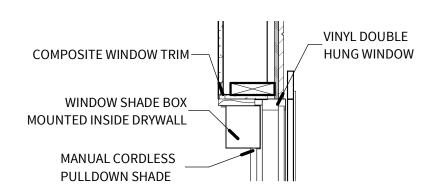


FLOOR TRANSITION DETAIL



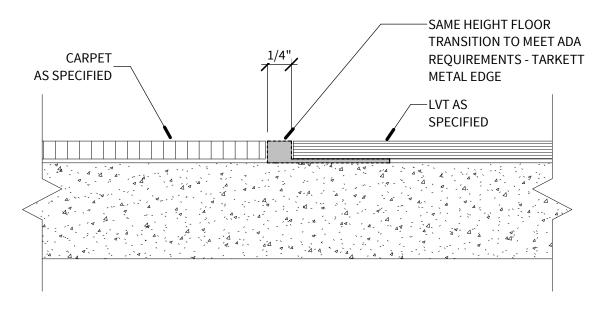


8 FLOOR TRANSITION DETAIL
SCALE: 12" = 1'-0"



6 MANUAL WINDOW SHADE DETAIL

SCALE: 1" = 1'-0"



FLOOR TRANSITION DETAIL

SCALE: 12" = 1'-0"

VINYL FLOORING AS SPECIFIED	RAMP FLOOR TRANSITION TO MEET ADA REQUIREMENTS
	SEALED CONCRETE
	D = T 4 / /

FLOOR TRANSITION DETAIL

SCALE: 12" = 1'-0"

WALLCOVERING

WC-101

SHEET VINYL AS SPECIFIED—	SAME HEIGHT FLOOR TRANSITION TO MEET ADA REQUIREMENTS - TARKETT METAL EDGE
	1/4" LVT AS SPECIFIED

CLASS A FIRE

FLOOR TRANSITION DETAIL

SCALE: 12" = 1'-0"

MARK	VENDOR	COLLECTION	COLOR/FINISH	SIZE	GROUT	REMARKS
ACOUSTIC CEIL	ING TILE ON SUSPENDED GRID SYST	ME	*			
ACT-201	ARMSTRONG	ULTIMA	INTERIOR FINISH	24" x 24"		WHITE GRID
ACT-202	ARMSTRONG	ULTIMA	INTERIOR FINISH	24" X 48"		WHITE GRID
CT-203	ARMSTRONG	KITCHEN ZONE	INTERIOR FINISH	24" X 48"		WHITE GRID
IC1-205	ARMSTRONO	INTERENZONE	INTERIORTINISH	24 // 40		WITTE GIGID
ARPET TILE						
PT-101	PATCRAFT	RENEWED ESCAPE - PERSPECTIVE i06:	11 INVIGORATE - 00550	24" x 24"		BRICK INSTALLATION
CONCRETE (SEA	<u> </u>		CLEAD CEALED			
CS-100	SHERWIN WILLIAMS		CLEAR SEALED			
OOR FINISH						
0F-101	TIMELY	PRE-MATCHED CUSTOM FINISHES	NICKEL (CC404)			
			, ,			
F-102	JELD-WEN	STANDARD FINISHES	WHITE			"10 LINEARITY FINICIA
F-103	WILSONART	PREMIUM SOFTGRAIN LAMINATE	LOWLINE 7998			#18 LINEARITY FINISH
F-104	SHERWIN WILLIAMS	RAL COLORS	SIGNAL WHITE (9003)			
F-105	KAWNEER	PERMANODIC ANODIZED FINISHES	CLEAR NO. 17			
)F-106	C.R. LAURENCE	FINISH	SATIN ANODIZED			
F-107	HAFELE	COSMOPOLITIAN	NICKLE PLATED, BRUSHED	4" OR 6"		
IBER REINFOR				1	1	
RP-101	CRANE COMPOSITES	VERIETEX:SANDSTONE	Cotton White (1130)	4' x 8'		
UXURY VINYL						
.VP-101	TARKETT	iD LATITUDE	WOOD BLANCHED PINE	6"x 48"		STAGGERED INSTALLATION
VS-101	TARKETT	ACCZENT CONCRETE	507 STEEL BLUE			CAMO WELD ROD
AINT						
-101	SHERWIN WILLIAMS	COLOR	REPOSE GRAY (SW7015)	-		EGGSHELL FINISH
-102	SHERWIN WILLIAMS	COLOR	ROYCROFT PEWTER			EGGSHELL FINISH
			(SW2848)			
-103	SHERWIN WILLIAMS	COLOR	NEEDLEPOINT NAVY			EGGSHELL FINISH
			(SW0032)			
2-201	SHERWIN WILLIAMS	COLOR	CEILING BRIGHT WHITE	-		FLAT
			(SW7007)			
PLASTIC LAMINA					T	
PL-101	WILSONART	PREMIUM SOFTGRAIN LAMINATE	LOWLINE 7998			#18 LINEARITY FINISH
PL-105	WILSONART	60 MATTE FINISH	DESIGNER WHITE D354			USE VERTICAL AND HORIZONTA
						GRADE AS REQUIRED
LIDDED CODNI	ED CHADD					
RUBBER CORNE CG-101	JOHNSONITE	VBG 29 A48 1 1/2"	29 MOON ROCK	1 1/2"		RUBBER CORNER GUARD
.G-101	JOHNSONITE	VBG 29 A48 1 1/2"	29 MOON ROCK	11/2		RUBBER CORNER GUARD
IIIDDED WALL I	DACE					
UBBER WALL E	JOHNSONITE	VN2	STONE COTTAGE WG	4"		
R-101	JOHNSONITE	VNZ	STONE COTTAGE WG	4**		-
OLID CLIDEACE	-					
OLID SURFACE S-101	STARON	LOTTE	ASPEN CLIFF (AC652)			3/8" ROUNDOVER EDGE TYP
3-101	STARON	LOTTE	ASPEN CLIFF (AC652)	-		3/8 ROUNDOVER EDGE ITP
EXTILE						
-101	innro	WT Shade 35X	Light Gray (84) - 3% OPEN			CORDLESS SHADE
	inpro					
-102	inpro	SuperBio Stat Vinyl	STERLING			SHOWER CURTAIN
-103	inpro	BOARWALK	SPA			PRIVACY CURTAIN
и г						
ILE	EL ODIDA TU E	NIVOL A	MALIDITATITE	1011-10411	CDD #542 CDAYCTC::	1A/ALL TUE
-101	FLORIDA TILE	NY2LA	MALIBU WHITE	12"x 24"	CBP #542 GRAYSTONE	WALL TILE
-102	FLORIDA TILE	TIME 2.0	GREY	6" x 12"	CBP #542 GRAYSTONE	COVE BASE
-103	FLORIDA TILE	NY2LA	MALIBU WHITE	12" x 12" 36 PIECES	CBP #542 GRAYSTONE	MOSAIC TILE
104	EL ODIDA TIL E	TIME 2.0	FTINY210M122	12", 24"	CDD #E42 CDAYCTONE	FLOOD THE
-104	FLORIDA TILE	TIME 2.0	GREY	12"x 24"	CBP #542 GRAYSTONE	FLOOR TILE
-105	FLORIDA TILE	NY2LA	MALIBU WHITE	3" x 24"	CBP #542 GRAYSTONE	BULLNOSE
U E / <del>T * 6 * `</del>						
ILE (T-101)	F1 6 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1	laure:	DU/57017 - 1	1011 - 111		
400	FLORIDA TILE	NY2LA	RIVERSIDE STEEL	12"x 24"	CBP #542 GRAYSTONE	FIELD TILE
-101						
				T .		
RANSITION			20 MOON BOCK	1 3/4"		RUBBER FLOOR TRANSITION
RANSITION	JOHNSONITE	VT 29 M6 1 3/4"	29 MOON ROCK	13/4		
RANSITION R-101	JOHNSONITE TARKETT	VT 29 M6 1 3/4" METAL EDGE - ME003	IRONSTONE- 00178	13/4		METAL EDGE
RANSITION R-101 R-102				A100AE		
RANSITION R-101 R-102 R-103	TARKETT	METAL EDGE - ME003	IRONSTONE- 00178			METAL EDGE
T-101  TRANSITION  TR-101  TR-102  TR-103  TR-104  TR-105	TARKETT SCHLUTER SYSTEMS	METAL EDGE - ME003  JOLLY	IRONSTONE- 00178 SATIN/MAT	A100AE		METAL EDGE WALL TRANSITION

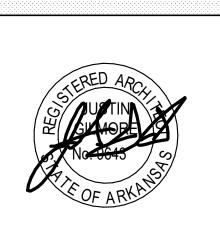
PREMIERE EBONY(02366) 52" ROLL

PREMIERE EBONY CANDICE OLSON

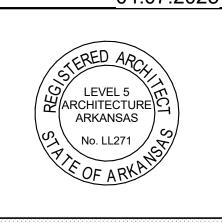
COUTURE EDITION



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04.07.2025



PROJECT INFORMATION:

ARVAC, INC **MEDICAL DETOX AND** CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A 04.07.2025 ISSUE DATE: **REVISIONS:** 

SHEET NAME:

FINISH SCHEDULE

SHEET NUMBER:

4/4/2025 5:41:35 PM

#### GENERAL MECH NOTES

- VERIFY LOCATIONS AND DIMENSIONS OF ALL ARCHITECTURAL, CIVIL AND STRUCTURAL ELEMENTS AS SHOWN ON THEIR RESPECTIVE DOCUMENTS, THESE ELEMENTS ARE SHOWN FOR REFERENCE AND SHALL BE VERIFIED PRIOR TO CONSTRUCTION AND THE ENGINEER ASSUMES NO LIABILITY FOR THE ACCURACY OF
- . MECHANICAL SYSTEMS SHALL BE INSTALLED AND TESTED USING MATERIALS AND PROCEDURES IN ACCORDANCE WITH ALL STATE AND LOCAL CODES, LAWS AND/OR REGULATIONS AND AUTHORITIES HAVING JURISDICTION. SHOULD THERE BE ANY DIRECT CONFLICT BETWEEN CODES AND THE DRAWINGS AND/OR SPECIFICATIONS, THE CODES, LAWS OR REGULATIONS SHALL GOVERN. ALL MATERIAL, EQUIPMENT INSTALLATION AND OPERATION SHALL BE IN FULL COMPLIANCE WITH MANUFACTURER'S SPECIFICATION AND REQUIREMENTS.
- CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES AND FEES REQUIRED BY STATE AND LOCAL AUTHORITIES INCLUDING CONNECTION FEES FOR UTILITY HOOKUPS. ALL WORK SHALL BE INSPECTED AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION. FURNISH INSPECTION AND APPROVAL LETTERS TO
- 4. ALL WORK AND MATERIALS ARE SUBJECT TO FIELD OBSERVATION AT ANY TIME BY OWNER'S REPRESENTATIVE.
- 5. ALL EQUIPMENT SHALL BE NEW AND PROVIDED COMPLETE WITH ALL ACCESSORIES, HANGERS, SUPPORTS AND CONTROLS FOR A FULLY FUNCTIONING SYSTEM REGARDLESS OF PRESENCE ON
- 6. THESE DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL LOCATION AND ARRANGEMENT OF ALL MATERIALS AND EQUIPMENT. DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS BUILDING CONSTRUCTION AND ALL OTHER WORK WILL PERMIT FINAL LOCATION OF ALL AIR DEVICES SHALL BE COORDINATED WITH REFLECTED CEILING, ELECTRICAL FIXTURES, FIRE PROTECTION DEVICES AND CEILING BASED EQUIPMENT.
- ALL DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SMACNA STANDARDS. ALL MITERED SQUARE DUCT ELBOWS SHALL HAVE TURNING VANES. FLEXIBLE DUCTS MAY BE USED WHERE SHOWN ON PLANS AND MUST BE INSTALLED IN ACCORDANCE WITH THE AIR DIFFUSION COUNCIL FLEXIBLE DUCT PERFORMANCE & INSTALLATION STANDARD (AKA THE ADC "GREENBOOK"). WHERE NOT SHOWN, FLEXIBLE DUCTS MAY BE USED FOR ALIGNMENT PURPOSES ONLY AND SHALL BE LIMITED TO A MAXIMUM LENGTH OF 36" AND SHALL NOT BE UTILIZED FOR CHANGE OF DIRECTION.
- . COORDINATE DUCT RUNS AND ROOFTOP PENETRATIONS WITH STRUCTURAL AND ROOFING CONTRACTOR. DUCT MAINS AND EQUIPMENT LOCATED IN THE JOIST ARE TO BE COORDINATED WITH STRUCTURAL. COORDINATE FOR REMOVING BRACING AS
- 9. SEAL ALL PENETRATIONS THROUGH RATED ASSEMBLIES WITH UL APPROVED FIRE-RATED SYSTEM. PROVIDE FIRE OR RADIATION
- DAMPERS WHERE REQUIRED. 10. ALL SYSTEMS SHALL BE BALANCED TO PROVIDE THE INDICATED AIR
- 11. ALL DUCT DIMENSIONS SHOWN ARE MINIMUM INTERIOR (FREE AREA) DIMENSIONS. CONTRACTOR MAY ADJUST DUCT DIMENSIONS AS REQUIRED TO COORDINATE WITH SITE CONDITIONS. IF A CHANGE IS REQUIRED, DUCT FREE AREA DIMENSIONS MAY BE NO SMALLER THAN THAT SHOWN ON PLANS.
- 12. ALL DAMPERS TO INCLUDE SET SCREW OR SIMILAR FEATURE FOR LOCKING IN POSITION.
- 13. INSTALL ALL MECHANICAL EQUIPMENT WITH REQUIRED CLEARANCES AND ACCESS.

## MECHANICAL SYMBOLS

- THERMOSTAT. MOUNT AT 48" AFF
- SENSOR. REF PLANS FOR TYPE AND MOUNTING HEIGHT
- ABOVE FINISHED FLOOR

QUANTITIES ON PLANS.

SUPPLY DIFFUSER/GRILLE TAG

DUCT SIZE TRANSITION

SQUARE DUCT DIMENSIONS

ROUND DUCT DIMENSIONS CONDENSATE DRAIN

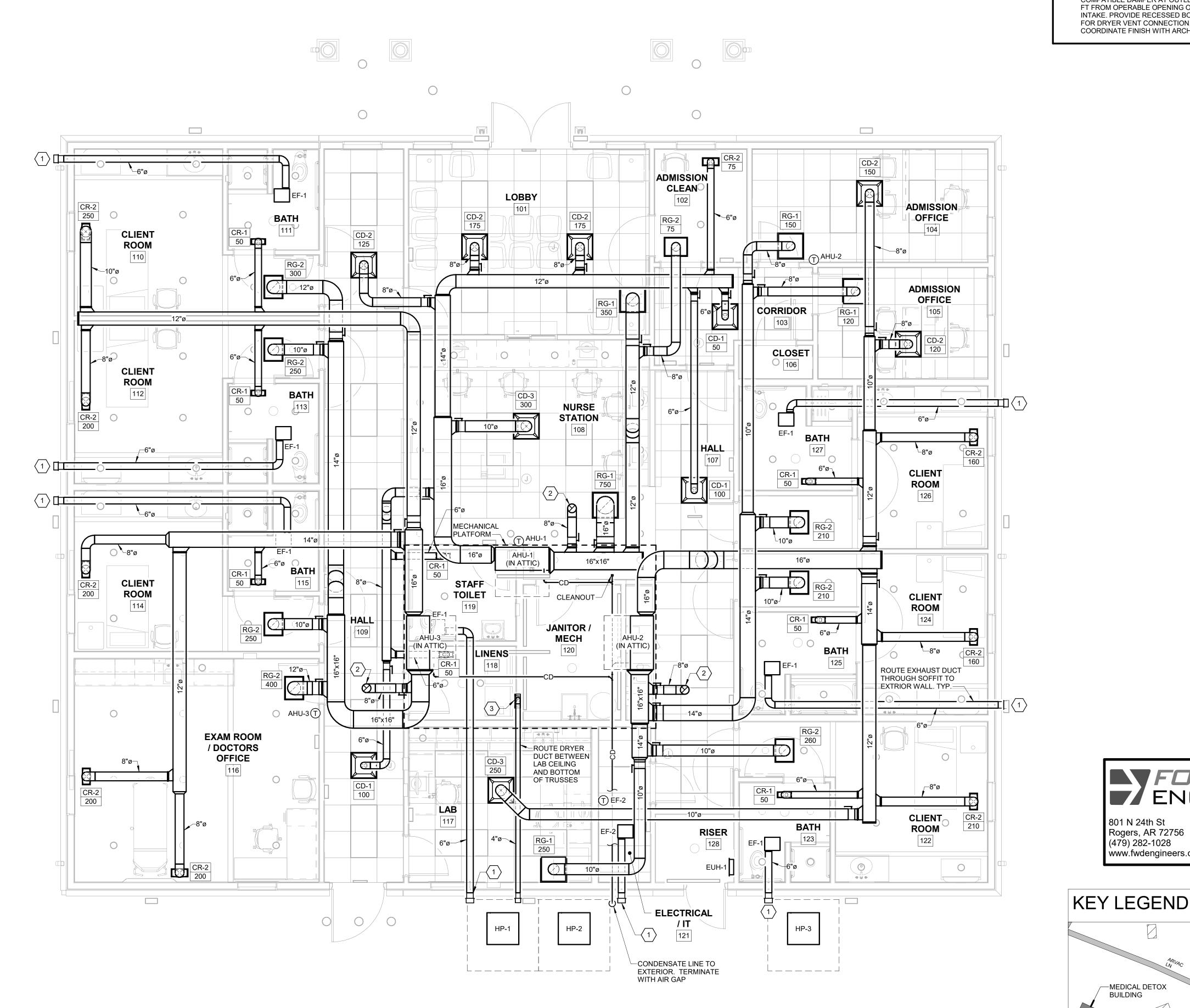
REFRIGERATION LINESET. SINGLE LINE REPRESENTS BOTH LIQUID AND SUCTION LINE

VERTICAL SUPPLY DUCT

VOLUME DAMPER

VERTICAL RETURN DUCT

VERTICAL EXHAUST DUCT



# MECHANICAL PLAN - MEDICAL DETOX BUILDING 1/4" = 1'-0"

#### 

- 1. ROUTE EXHAUST DUCT TO EXTERIOR WALL. TERMINATION TO BE MINIMUM 3 FT FROM OPERABLE OPENING OR 10 FT FROM MECHANICAL AIR INTAKE. PROVIDE HOODED WALL CAP WITH INSECT SCREEN. REF EXHAUST FAN (WALL) DETAIL.
- 2. PROVIDE WALL OR ROOF COMPATIBLE FRESH AIR INTAKE WITH BIRD SCREEN. SIZE FOR AIRFLOW SHOWN ON EQUIPMENT SCHEDULE OR AS SHOWN ON DRAWINGS. LOCATE MINIMUM 10 FT FROM ANY EXHAUST OR FLUE TERMINAL. REF SPLIT SYSTEM INDOOR UNIT
- 3. ROUTE DRYER EXHAUST TO EXTERIOR. PROVIDE WALL OR ROOF COMPATIBLE DAMPER AT OUTLET. TERMINATION TO BE MINIMUM 3 FT FROM OPERABLE OPENING OR 10 FT FROM MECHANICAL AIR INTAKE, PROVIDE RECESSED BOX IN WALL NEAR DRYER LOCATION FOR DRYER VENT CONNECTION, DRYERBOX 425 OR EQUIVALENT. COORDINATE FINISH WITH ARCHITECT/OWNER.

FORWARD

ENGINEERS

Project Number: 250106

Drawn By: BLG

Checked By: KNJ

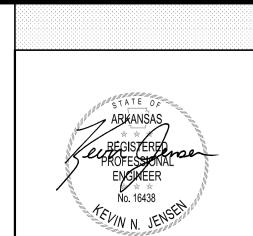
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-MEDICAL DETOX

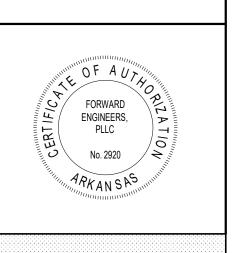




APR 4, 2025

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PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC **MEDICAL DETOX AND** CAMPUS **IMPROVEMENTS** 

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A 04/07/2025 ISSUE DATE: **REVISIONS:** 

SHEET NAME:

MECHANICAL PLAN MEDICAL DETOX BUILDING

#### REMODEL MECH NOTES

- EXISTING CONDITIONS ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND ENGINEER SITE SURVEY. CONTRACTOR TO VERIFY RELEVANT CONDITIONS PRIOR TO BIDDING. ENGINEER PROVIDES NO GUARANTEE OF ACCURACY OF THESE ELEMENTS.
- 2. ALL MECHANICAL EQUIPMENT AND AIR DEVICES (GRILLES, REGISTERS, DIFFUSERS, ETC) SHALL BE NEW UNLESS NOTED OTHERWISE.
- 3. EXISTING TO REMAIN OR RELOCATED MECHANICAL EQUIPMENT AND AIR DEVICES SHALL BE INSPECTED, REPAIRED (IF REQUIRED) AND CLEANED TO ENSURE A COMPLETE AND PROPER WORKING SYSTEM. REPLACE WITH LIKE EQUIPMENT OR DEVICE IF REQUIRED.
- 4. CONNECT NEW DUCT TO EXISTING WHERE SHOWN. EXISTING DUCT MAY BE REUSED IF ROUTING AND SIZE SUPPORTS NEW LAYOUT AND MEETS OR EXCEEDS CODE REQUIREMENTS. CONTRACTOR TO INSPECT, SEAL, INSULATE AND CLEAN AS REQUIRED TO ENSURE A COMPLETE AND PROPER WORKING SYSTEM
- 5. ALL PIPING AND DUCT TO BE REMOVED SHALL BE REMOVED TO BELOW FLOOR, ABOVE CEILING, OR IN WALLS BACK TO MAIN OR SHUT OFF VALVES AT MAINS AND PROPERLY CAPPED OR PATCHED PER CODE WITHOUT LEAVING DEAD END PIPING.
- 6. COORDINATE WITH GENERAL CONTRACTOR THE REMOVAL AND REPLACEMENT OF ALL EXISTING CEILINGS, WALLS, FLOORS ETC AS REQUIRED FOR DEMOLITION WORK.
- 7. EXISTING PIPING, DUCT, FIXTURES, CONTROLS AND EQUIPMENT, NOT TO BE RELOCATED OR DESIGNATED TO BE TURNED OVER TO THE OWNER, SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS.
- 8. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.

#### REMODEL MECH SYMBOLS

•

APPROXIMATE POINT OF DISCONNECTION FROM EXISTING AND DEMO START

APPROXIMATE POINT OF CONNECTION

TO EXISTING

DUCT, DEVICE OR SYSTEM TO BE DEMOLISHED

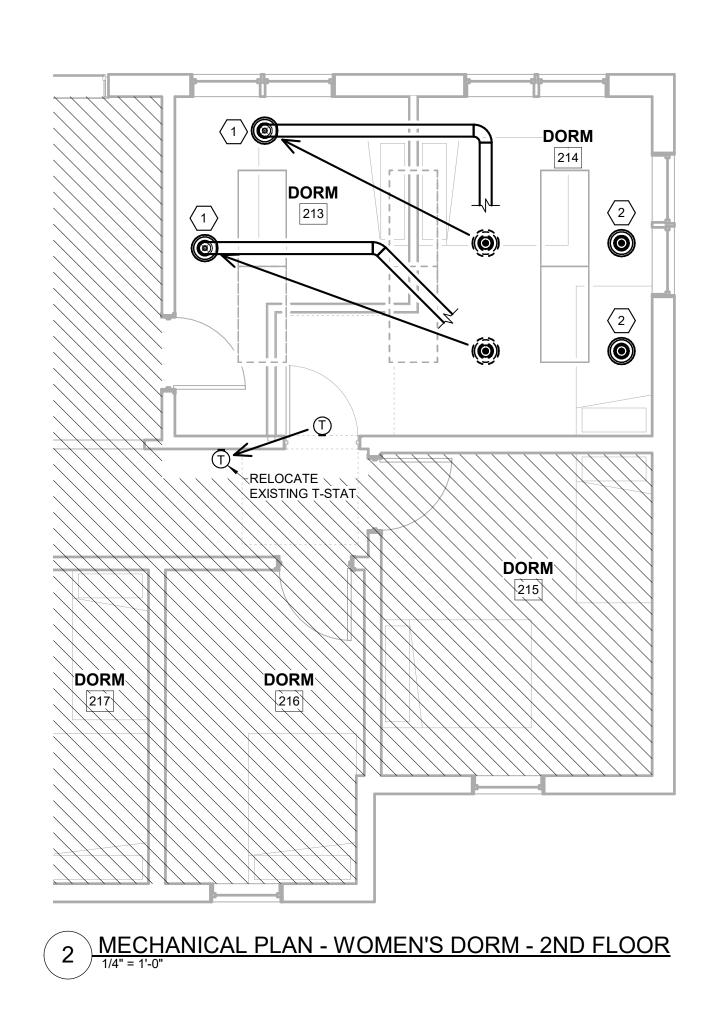
DUCT, DEVICE OR SYSTEM EXISTING TO REMAIN

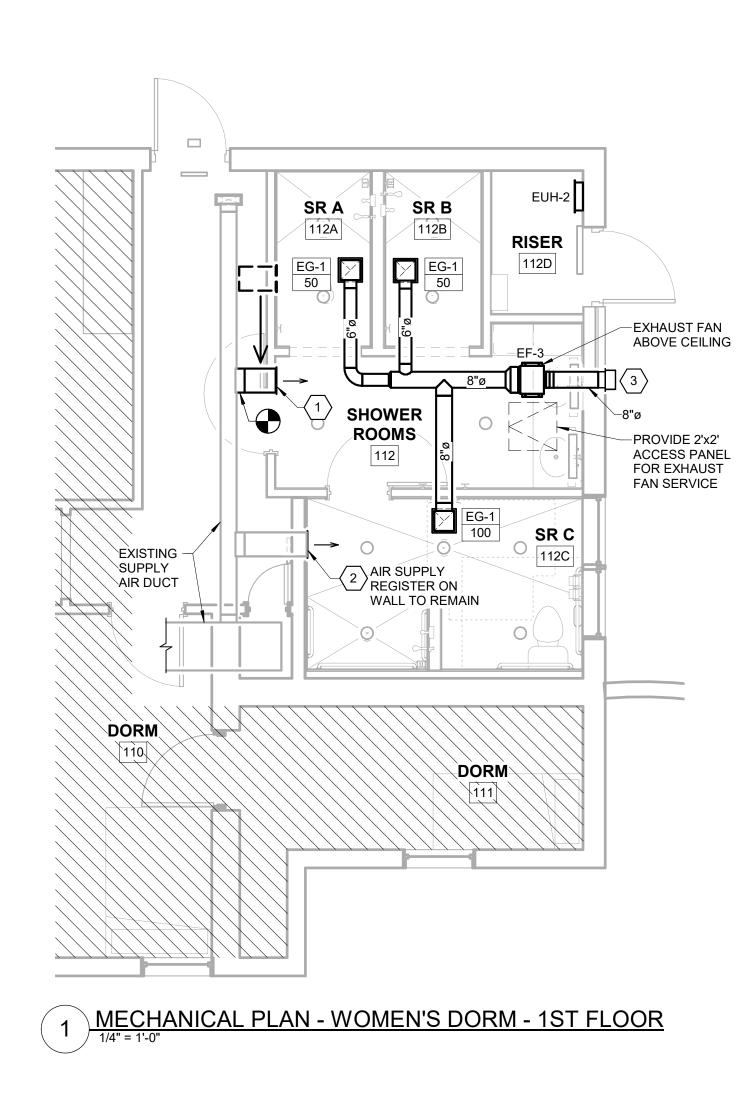
								FAN SCHE	DULE			
		BASIS OF DE	ESIGN	AIRFLOW	ESD		WEIGHT		EL	ECTRICA	L DATA	
MARK	TYPE	MANUFACTURER			(in w.g.)	SONES	(LBS)	CONTROLS	VOLTS	PHASE	FULL-LOAD AMPS	OPTIONS
EF-3	INLINE CABINET FAN	GREENHECK	CSP-A250	200	0.17	1.9	23	SWITCH WITH LIGHTS	120	1	0.6	GALVANIZED STEEL HOUSING WITH DUCT COLLARS. CENTRIFUGAL FORWARD CURVED WHEEL. DIRECT DRIVE MOTOR IN THE AIR STREA.M

	AIR DEVICE SCHEDULE  MARK  TYPE  DESCRIPTION  AIR SYSTEM  BASIS OF DESIGN  NECK SIZE FRAME  MATERIAL SINISH  DAMPED TYPE  DEMARKS														
MARK	TYPE	DESCRIPTION	AIR SYSTEM	BASIS OF MANUFACTURER	BASIS OF DESIGN MANUFACTURER   MODEL NUMBER			MATERIAL	FINISH	DAMPER TYPE	REMARKS				
EG-1	EXHAUST GRILLE	0 DEG, EGGCATE CORE	EXHAUST	PRICE	80	10 x 10	12 x 12	ALUMINUM	WHITE	OPPOSED-BLADE					

		ELECTRIC	UNIT HEAT	ER SCHED	ULE				
MARK	DESCRIPTION	BASIS OF I	DESIGN	AIRFLOW	HEATING COIL	ELEC	TRICAL D	ATA	WEIGHT
IVIARA	DESCRIPTION	MANUFACTURER	MODEL	(CFM)	(WATTS)	VOLTS	PHASE	FLA	(LBS)
EUH-2	ELECTRIC, WALL MOUNTED UNIT HEATER	MARKEL	E3321TD-RP	175	750	120	1	6	26
NOTES:									

- 1. UNIT INCLUDES INTEGRAL THERMOSTAT, FAN DELAY AND DISCONNECT.
- MOUNT UNITS AT HEIGHT SHOWN ON PLAN OR PER MANUFACTURER INSTALLATION INSTRUCTIONS.
   PROVIDE SURFACE MOUNTING OR SEMI-RECESSED FRAME IF IN-WALL INSTALLATION NOT ALLOWED.





## │ ○ SHEET KEYNOTES

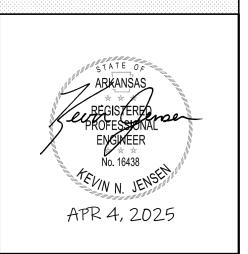
- 1. RELOCATE EXISTING AIR DIFFUSER AND RECONNECT VIA NEW DUCT TO SAME SYSTEM. MATCH DUCT SIZE TO EXISTING. IF EXISTING TERMINAL CANNOT BE RELOCATED WITHOUT DAMAGE, REPLACE WITH LIKE DEVICE.
- EXISTING AIR DIFFUSER TO REMAIN.
   ROUTE EXHAUST DUCT TO EXTERIOR WALL. TERMINATION TO BE MINIMUM 3 FT FROM OPERABLE OPENING OR 10 FT FROM MECHANICAL AIR INTAKE. PROVIDE HOODED WALL CAP WITH

INSECT SCREEN. REF EXHAUST FAN (WALL) DETAIL.



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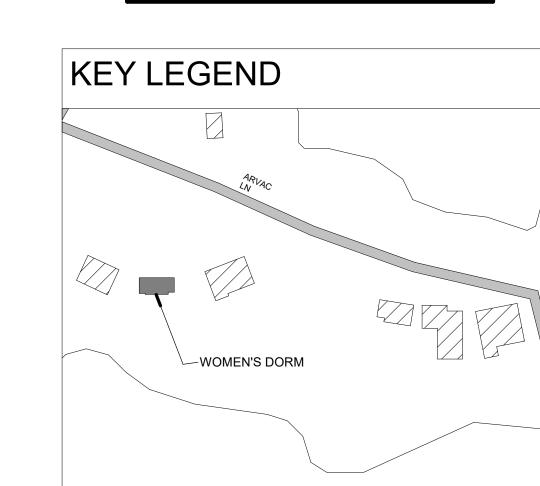
PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC
MEDICAL
DETOX AND
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IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A
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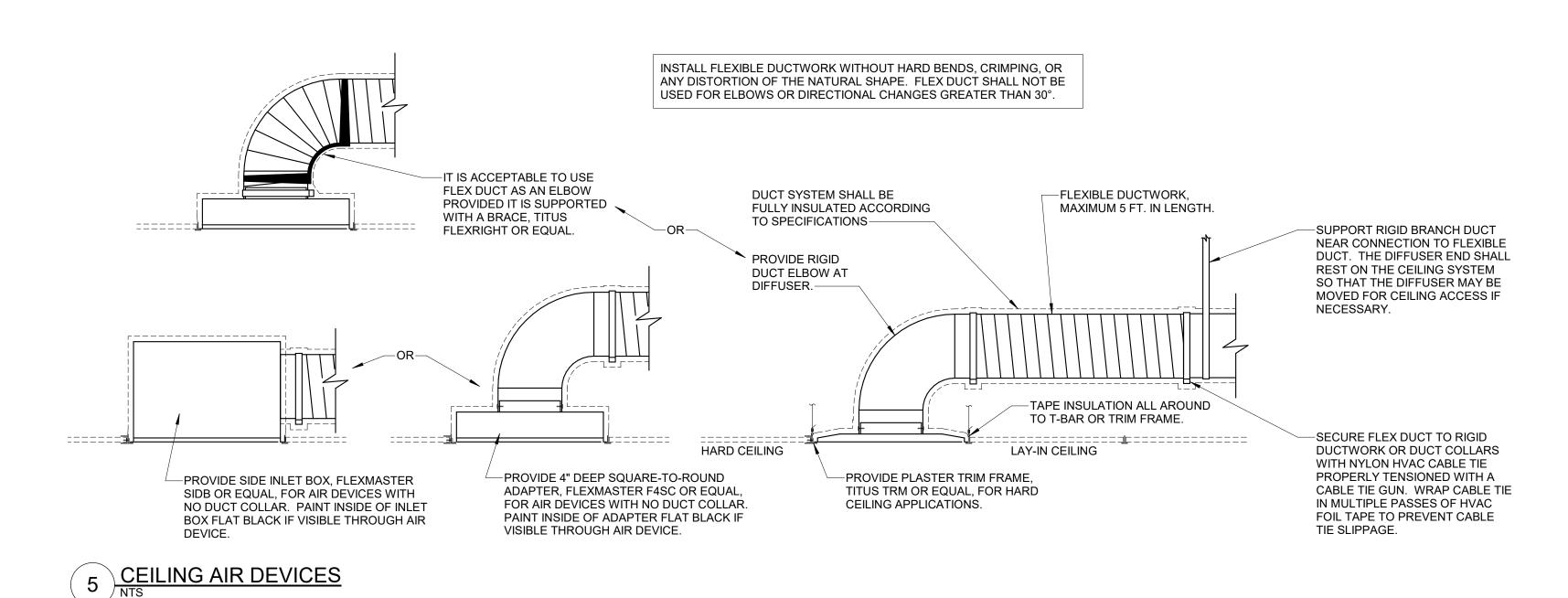
FORWARD
ENGINEERS

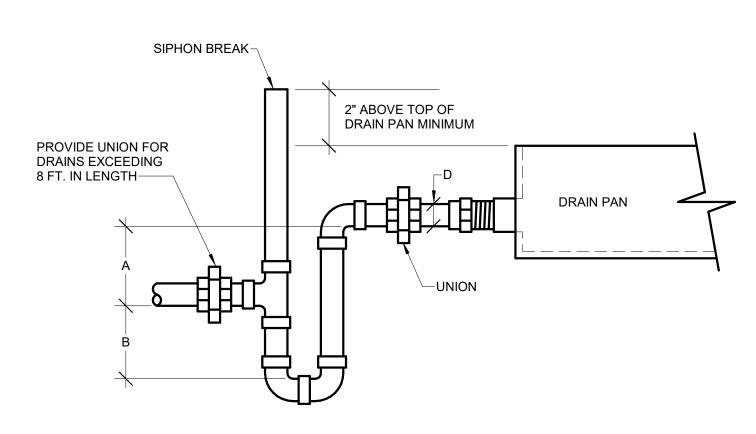
Project Number: 250106

Drawn By: ACJ Checked By: KNJ

MECHANICAL PLAN
WOMEN'S DORM

SHEET NUMBER: 100 2

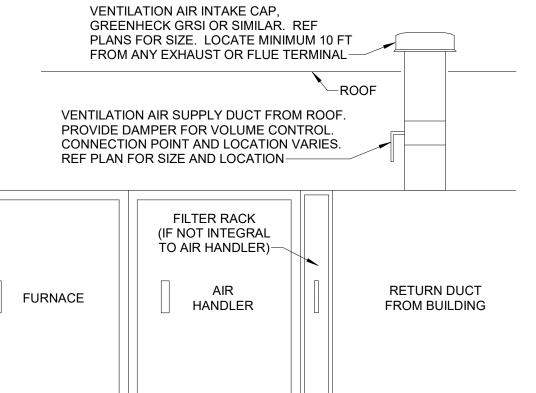




DRAW-THROUGH COIL LOCATIONS (UPSTREAM OF FAN):
A = NEGATIVE STATIC PRESSURE AT DRAIN PAN PLUS 0.5" MINIMUM

- $B = 0.5 \times A$ C = PIPE DIAMETER, FULL SIZE PER EQUIPMENT MANUFACTURER'S REQUIREMENTS. DO NOT REDUCE.
- BLOW-THROUGH COIL LOCATIONS (DOWNSTREAM OF FAN):
- B = POSITIVE STATIC PRESSURE AT DRAIN PAN PLUS 0.5" MINIMUM
  C = PIPE DIAMETER, FULL SIZE PER EQUIPMENT MANUFACTURER'S REQUIREMENTS. DO NOT REDUCE.
- 4 CONDENSATE DRAIN TRAP DETAIL





SPLIT SYSTEM INDOOR UNIT (HORIZONTAL)

PROVIDE FLOAT SWITCH ON SECONDARY DRAIN TO

SHUT OFF UNIT IN CASE OF

PRIMARY DRAIN BLOCKAGE

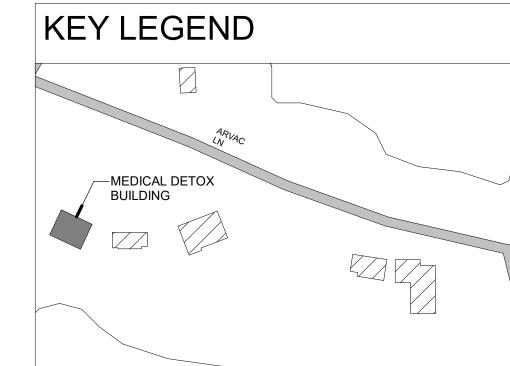
**EVAPORATOR** 

TRAP

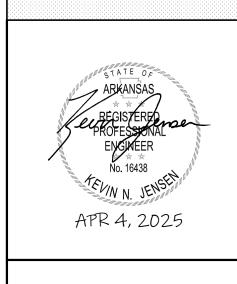
CONDENSATE DRAIN TO APPROVED PLACE OF DISPOSAL

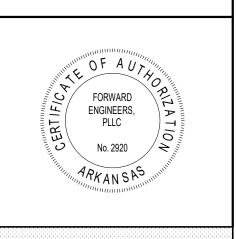
SUPPLY DUCT TO BUILDING











PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

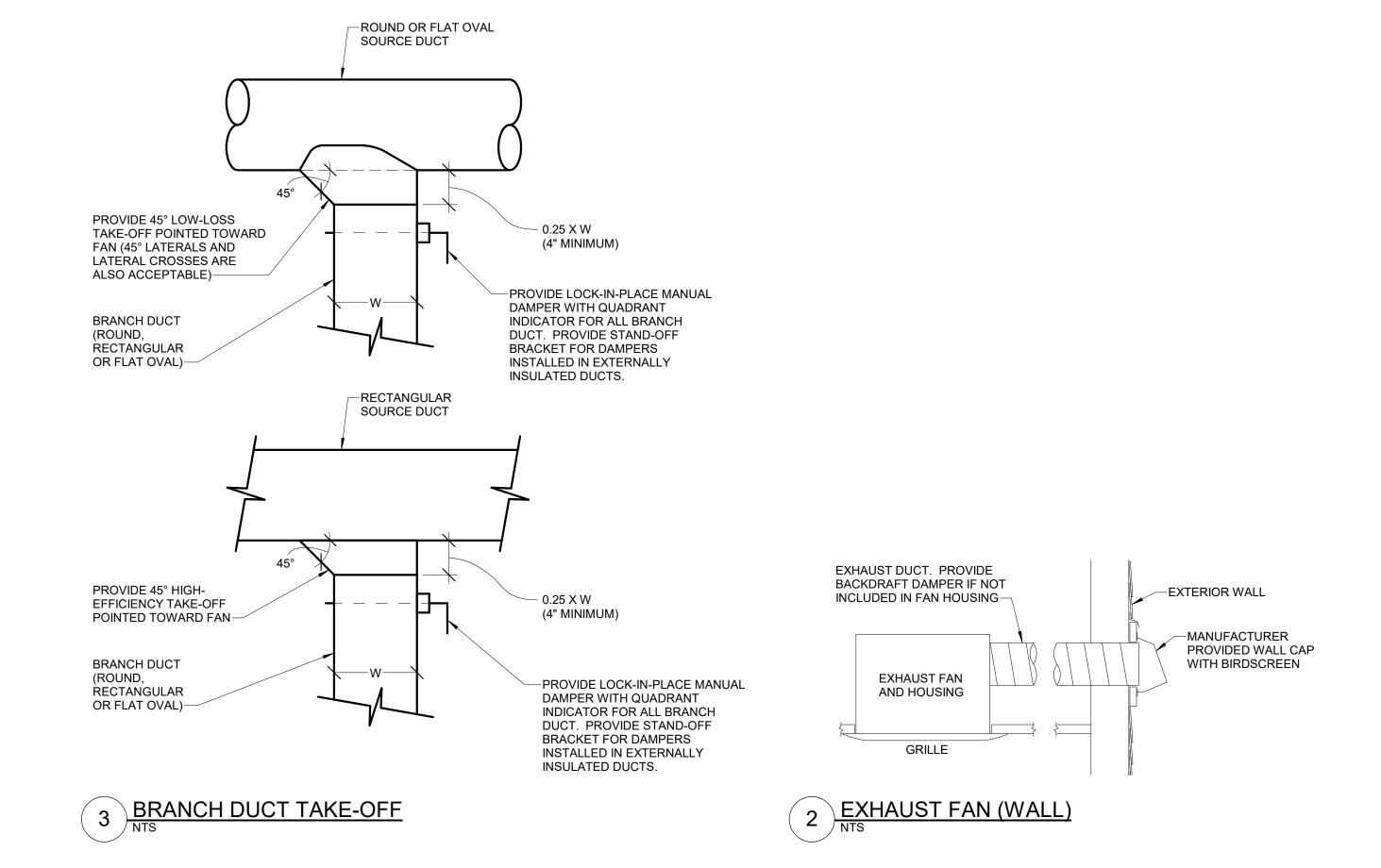
ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A
ISSUE DATE: 04/07/2025
REVISIONS:

SHEET NAME:

MECHANICAL DETAILS



						ELEC	CTRIC AI	R HAND	LING UNIT	SCHE	DULE										
	BA	ASIS OF DESIGN		OUTDOOD	NOMINIAL				FAN DATA			OUTDOOR	E	LECTRIC I	HEAT DATA	4		ELECTRIC	CAL DATA	\	UNIT
MARK	MANUFACTURER	MODEL	EVAPORATOR	OUTDOOR UNIT	TONS	ORIENTATION		E.S.P.	FAN SPEED	ECM	MOTOR	AIRFLOW	HEATER	NO. OF	E.A.T.	L.A.T.		CIRCI	JIT #1		WEIGHT
	WANDI ACIONEN	WIODEL	MODEL	J. I.			(CFM)	(IN W.G.)	I AN SPEED	(Y/N)	SIZE (HP)	(CFM)	SIZE (KW)	STAGES	(DEG. F)	(DEG. F)	VOLTS	PHASE	MCA	MOCP	(LB.)
AHU-1	FRASER-JOHNSTON	JHC36B5CD2SS1	INTEGRAL	HP-1	3	HORIZONTAL	1200	0.60	VARIABLE	Y	1/2	120	13.2	1	60	94.1	208	1	76.5	80	97
AHU-2	FRASER-JOHNSTON	JHC36B5CD2SS1	INTEGRAL	HP-2	3	HORIZONTAL	1200	0.60	VARIABLE	Y	1/2	120	13.2	1	60	94.1	208	1	76.5	80	97
AHU-3	FRASER-JOHNSTON	JHC36B5CD2SS1	INTEGRAL	HP-3	3	HORIZONTAL	1200	0.60	VARIABLE	Y	1/2	120	13.2	1	60	94.1	208	1	76.5	80	97

1. PROVIDE COMPATIBLE MERV-8 PLEATED FILTER + 1 SPARE FOR EACH UNIT.
2. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT WITH EACH UNIT. COORDINATE SCHEDULE WITH OWNER. SUPPLY FAN TO BE ON WHEN BUILDING IS OCCUPIED.
3. ROUTE FULL-SIZE CONDENSATE DRAIN FROM UNIT AND DISCHARGE TO APPROVED PLACE OF DISPOSAL IN SHORTEST AND MOST ECONOMICAL MANNER (OR AS SHOWN ON PLANS). DO NOT REDUCE SIZE FROM UNIT CONNECTION. PROVIDE MINIMUM 1 PERCENT SLOPE FOR HORIZONTAL GRAVITY DRAINS. PROVIDE CONDENSATE PUMP AS REQUIRED.

4. PROVIDE FILTER RACK IF NOT INTEGRAL TO AIR HANDLER.

						AIR-TO-A	IR HEAT PUM	P SCHEDULE	<b>E</b>								
	BASIS OF	DESIGN					COOLI	NG			HEATIN	1G		ELECTRIC	AL DATA		
MARK	MANUFACTURER	MODEL	NOMINAL TONS	REFRIGERANT TYPE	TOTAL CAPACITY (BTU/H)	SENSIBLE CAPACITY (BTU/H)	ENTERING AIR TEMP. DB / WB (DEG. F)	LEAVING AIR TEMP. DB / WB (DEG. F)	AMBIENT AIR TEMP. (DEG. F)	EFFICIENCY (SEER2)	CAPACITY AT 47 DEG. F AMBIENT (BTU/H)	EFFICIENCY (HSPF2)	VOLTS	PHASE	MCA	МОСР	WEIGHT (LBS)
HP-1	FRASER-JOHNSTON	XH536E2S11	3	R-454B	30600	21500	75 / 63	58.7 / 54.6	95	14.3	33100	8.1	208	1	20.4	30	176
HP-2	FRASER-JOHNSTON	XH536E2S11	3	R-454B	30600	21500	75 / 63	58.7 / 54.6	95	14.3	33100	8.1	208	1	20.4	30	176
HP-3	FRASER-JOHNSTON	XH536E2S11	3	R-454B	30600	21500	75 / 63	58.7 / 54.6	95	14.3	33100	8.1	208	1	20.4	30	176

1. ROUTE REFRIGERANT SUCTION AND LIQUID LINES BETWEEN INDOOR EVAPORATOR COIL AND CONDENSING UNIT IN SHORTEST AND MOST ECONOMICAL MANNER (OR AS SHOWN ON PLANS). SIZE PER MANUFACTURER'S INSTALLATION MANUAL.

2. PROVIDE HOUSEKEEPING PAD FOR GROUND MOUNTED UNITS AND ROOF-COMPATIBLE RAIL SUPPORT FOR ROOF MOUNTED UNITS.

3. PROVIDE HAIL GUARD, CRANK CASE HEATER, AND LOW AMBIENT CONTROL KIT.

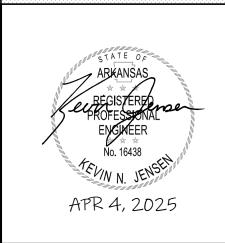
								FAN S	CHEDU	LE			
		BASIS OF DE	SIGN	AIRFLOW	E.S.P.		WEIGHT		EI	ECTRICA	L DATA		
MARK	TYPE	MANUFACTURER	MODEL	(CFM)	(in w.g.)	SONES	(LBS)	CONTROLS	VOLTS	PHASE	FULL-LOAD AMPS	OPTIONS	
EF-1	CEILING EXHAUST FAN	GREENHECK	SP-B80	70	0.13	0.6	9	SWITCH WITH LIGHTS	120	1		CEILING MOUNTED EXHAUST FAN, INCLUDE DECORATIVE GRILLE WITH WHITE POLYSTYRENE FINISH.	
EF-2	CEILING EXHAUST FAN	GREENHECK	SP-B50	50	0.13	1.0	9	THERMOSTAT	120	1	11.7	CEILING MOUNTED EXHAUST FAN, INCLUDE DECORATIVE GRILLE WITH WHITE POLYSTYRENE FINISH.	

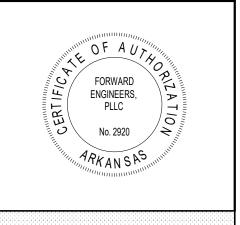
	AIR DEVICE SCHEDULE														
MARK	TYPE	DESCRIPTION	AIR SYSTEM	BASIS OF MANUFACTURER	DESIGN MODEL NUMBER	NECK SIZE (INCHES)	FRAME SIZE	MATERIAL	FINISH	DAMPER TYPE	REMARKS				
CD-1	CEILING DIFFUSER	SQUARE CONE DIFFUSER	SUPPLY	PRICE	SCD	6"ø	24 x 24	STEEL	WHITE	NONE	BORDER SUITABLE FOR LAY-IN CEILING.				
CD-2	CEILING DIFFUSER	SQUARE CONE DIFFUSER	SUPPLY	PRICE	SCD	8"ø	24 x 24	STEEL	WHITE	NONE	BORDER SUITABLE FOR LAY-IN CEILING.				
CD-3	CEILING DIFFUSER	SQUARE CONE DIFFUSER	SUPPLY	PRICE	SCD	10"ø	24 x 24	STEEL	WHITE	NONE	BORDER SUITABLE FOR LAY-IN CEILING.				
CR-1	CEILING REGISTER	2-WAY CEILING REGISTER	SUPPLY	HART & COOLEY	682	6"ø	10 x 6	STEEL	WHITE	MULTI-SHUTTER					
CR-2	CEILING REGISTER	2-WAY CEILING REGISTER	SUPPLY	HART & COOLEY	682	8"ø	14 x 6	STEEL	WHITE	MULTI-SHUTTER					
RG-1	RETURN GRILLE	0 DEG EGGCRATE CORE	RETURN	PRICE	80	22 x 22	24 x 24	ALUMINUM	WHITE	NONE					
RG-2	RETURN GRILLE	1-WAY STAMPED	RETURN	HART & COOLEY	672	14 x 18	16 x 20	STEEL	WHITE	NONE					

		ELECTRIC	UNIT HEATI	ER SCHED	ULE				
MARK	DESCRIPTION	BASIS OF I	DESIGN	AIRFLOW	HEATING COIL	ELEC	TRICAL D	ATA	WEIGHT
IVIAIN	DESCRIPTION	MANUFACTURER	MODEL	(CFM)	(WATTS)	VOLTS	PHASE	FLA	(LBS)
EUH-1	ELECTRIC, WALL MOUNTED UNIT HEATER	MARKEL	E3321TD-RP	175	750	120	1	6	26
NOTEO									

1. UNIT INCLUDES INTEGRAL THERMOSTAT, FAN DELAY AND DISCONNECT.
2. MOUNT UNITS AT HEIGHT SHOWN ON PLAN OR PER MANUFACTURER INSTALLATION INSTRUCTIONS.
3. PROVIDE SURFACE MOUNTING OR SEMI-RECESSED FRAME IF IN-WALL INSTALLATION NOT ALLOWED.







PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

23-20A

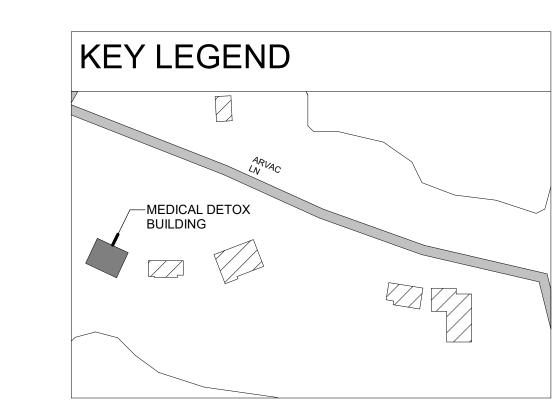
04/07/2025

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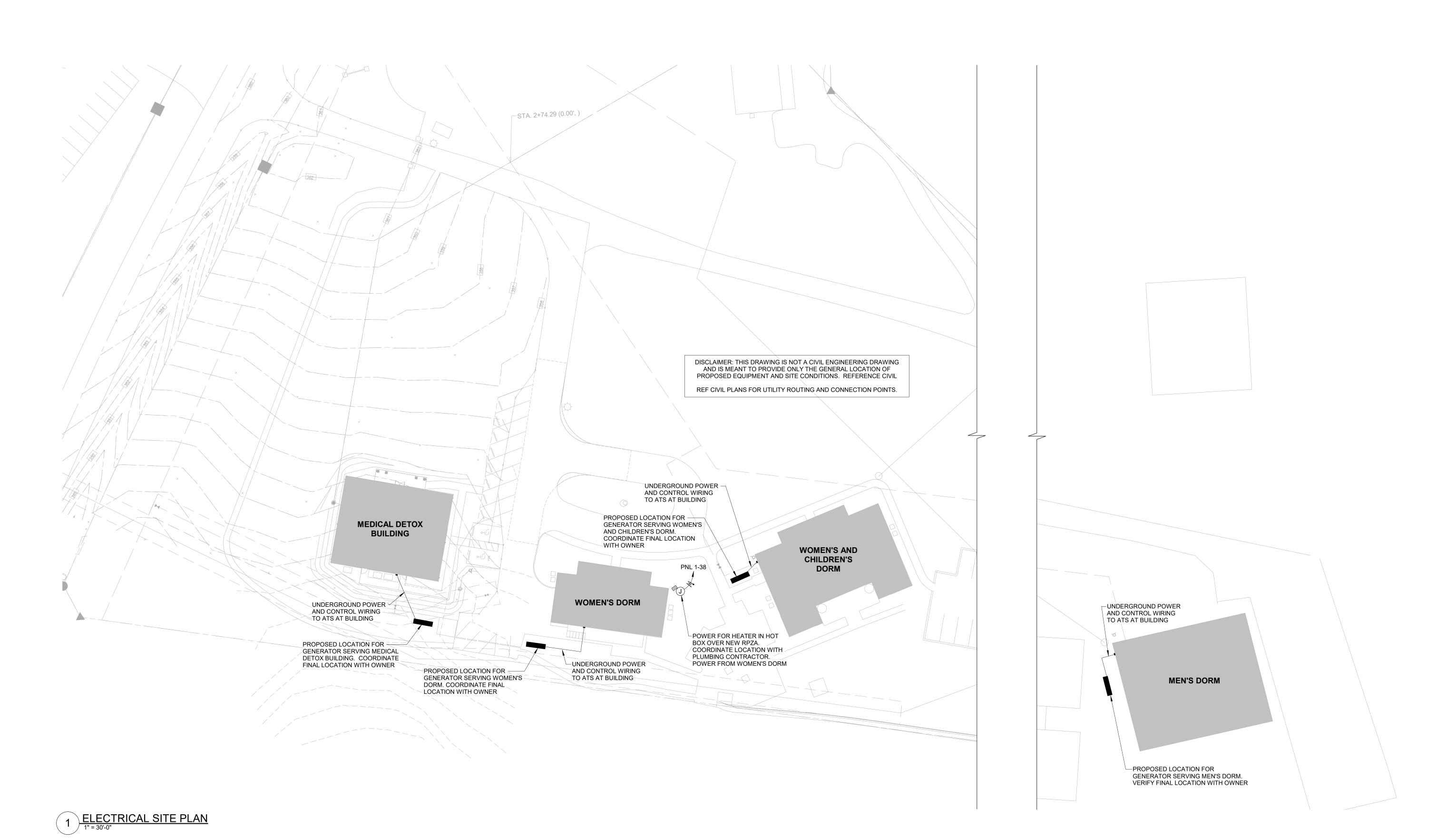
FORWARD
ENGINEERS Project Number: 250106 Drawn By: BLG Checked By: KNJ

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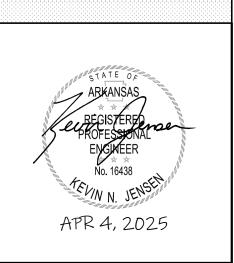


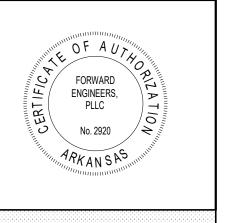
SHEET NAME:

MECHANICAL SCHEDULES MEDICAL DETOX BUILDING



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65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER:

04/07/2025 ISSUE DATE: REVISIONS:

23-20A

SHEET NAME:

**ELECTRICAL SITE** PLAN

Project Number: 250106
Project Number: ACJ

SHEET NUMBER.

SHEET NUMBER. 4/4/2025 2:26:03 PM

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#### GENERAL ELEC NOTES

- 1. VERIFY LOCATIONS AND DIMENSIONS OF ALL ARCHITECTURAL, CIVIL AND STRUCTURAL ELEMENTS AS SHOWN ON THEIR RESPECTIVE DOCUMENTS, THESE ELEMENTS ARE SHOWN FOR REFERENCE AND SHALL BE VERIFIED PRIOR TO CONSTRUCTION AND THE ENGINEER ASSUMES NO LIABILITY FOR THE ACCURACY OF
- 2. ALL ELECTRICAL WORK SHALL BE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, ALONG WITH ALL STATE AND LOCAL CODES & ORDINANCES.
- 3. CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES AND FEES REQUIRED BY STATE AND LOCAL AUTHORITIES INCLUDING CONNECTION FEES FOR UTILITY HOOKUPS. ALL WORK SHALL BE INSPECTED AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION. FURNISH INSPECTION AND APPROVAL LETTERS TO
- 4. EQUIPMENT, MATERIAL & DEVICES INDICATED SHALL BE AS DESCRIBED IN THE ELECTRICAL CONSTRUCTION SPECIFICATIONS. THIS DOCUMENT MUST BE REVIEWED FOR NECESSARY INFORMATION BEFORE PURCHASE OR INSTALLATION OF ANY ITEM.
- 5. WHEN A DETAIL IS INDICATED, A TYPICAL STANDARD DETAIL HAS BEEN FURNISHED AS A PART OF THE ELECTRICAL CONSTRUCTION SPECIFICATIONS OR A SIMILAR DETAIL HAS BEEN INCLUDED ON THE DRAWINGS INDICATED. THESE DETAILS MUST BE REVIEWED FOR NECESSARY INFORMATION BEFORE THE PURCHASE OR INSTALLATION OF THAT ITEM.
- 6. MINIMUM CONDUIT SIZE SHALL BE 1/2 INCH TRADE SIZE, UNLESS NOTED OTHERWISE. EQUIPMENT ENCLOSURE TYPES SHALL BE SUITABLE FOR THE ENVIRONMENT IN WHICH THEY ARE INSTALLED.
- 7. THE INSTALLATION OF RACEWAYS, CABLE TRAYS OR OTHER ELECTRICAL EQUIPMENT MAY BECOME AN OBSTACLE TO OTHER TRADES. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL ELECTRICAL WORK WITH OTHER TRADES TO AVOID INTERFERENCES.
- 8. IF REQUIRED, A FIRE ALARM SYSTEM SHALL BE DESIGNED AND INSTALLED BY A LICENSED FIRE ALARM CONTRACTOR.
- 9. ALL HOME RUNS OVER 75' SHALL BE INCREASED ONE SIZE. ALL HOME RUNS OVER 150' SHALL BE INCREASED TWO SIZES.
- 10. ALL FIREWALL & MEMBRANE PENETRATIONS SHALL BE AS PER ALL NATIONAL, STATE AND LOCAL CODES.
- 11. ALL GROUNDING ELECTRODES PRESENT SHALL BE BONDED TOGETHER TO FORM THE GROUNDING ELECTRODE SYSTEM AS PER NEC 250.50. THIS INCLUDES THE CONCRETE ENCASED
- 12. LOW VOLTAGE WORK OTHER THAN 0-10V LIGHT CONTROLS (E.G. TELEPHONE, DATA, AUDIO/VIDEO, SECURITY, ETC) WILL BE INSTALLED BY OTHERS. CONTRACTOR TO PROVIDE JUNCTION BOXES AND CONDUIT TO ABOVE CEILING WHERE DEVICES ARE SHOWN ON PLANS.
- 12. THE CONTRACTOR SHALL VERIFY WITH THE UTILITY CO., THE SHORT CIRCUIT AMPS AT SECONDARY OF UTILITY TRANSFORMER TO ENSURE THE CORRECT AIC RATING OF NEW ELECTRICAL

#### ELECTRICAL SYMBOLS

ELEC	TRICAL SYMBOLS
A	LIGHTING FIXTURE, CEILING OR PENDENT MOUNTED. A DENOTES FIXTURE TYPE.
HA	LIGHTING FIXTURE, WALL OR BRACKET MOUNTED. A DENOTES FIXTURE TYPE.
(A)	STRIP LIGHTING FIXTURE. A DENOTES FIXTURE TYPE.
A	LAY-IN OR SURFACE MOUNTED LIGHTING FIXTURE. A DENOTES FIXTURE TYPE.
$\overrightarrow{X}$	EXIT LIGHT FIXTURE. SURFACE, PENDENT OR CEILING MOUNTED. ARROWS, WHERE SHOWN, INDICATE DIRECTION OF EGRESS. SINGLE OR DOUBLE FACE AS NOTED PER FIXTURE DESCRIPTION. X DENOTES FIXTURE TYPE.
Ф	DUPLEX RECEPTACLE. WP DENOTES WEATHERPROOF COVER PLATE, GFI DENOTES GROUND FAULT CIRCUIT INTERRUPTED.
	SPECIAL PURPOSE OUTLET AS NOTED ON DRAWINGS
\$ <sub>os</sub>	OCCUPANCY SENSOR SWITCH
\$	TOGGLE SWITCH/ SINGLE POLE
\$ <sub>3</sub>	THREE WAY SWITCH
\$ <sub>4</sub>	FOUR WAY SWITCH
\$ <sub>DM</sub>	DIMMER SWITCH
J	JUNCTION BOX - SIZE IN ACCORDANCE WITH N.E.C.
(8)	SMOKE DETECTOR
SC	COMBO SMOKE/CARBON MONOXIDE DETECTOR
7110	CONDUIT & WIRE RUN SWITCH LEG WITH GROUND.
	CONDUIT & WIRE RUN HOT, NEUTRAL, GROUND AND ISOLATED GROUND.
	CONDUIT & WIRE RUN SWITCH LEG, HOT, NEUTRAL AND GROUND.
PNL A-1,3,5	'HOME RUN' TO PANELBOARD. CIRCUIT NUMBER AS INDICATED BY LETTERS 4 NUMERALS. THREE HOT, THREE NEUTRAL AND GROUND.
	LOW VOLTAGE CABLE
Т	TRANSFORMER, DRY TYPE, KVA & PHASE RATING AS SHOWN ON RISER.
	PANEL BOARD, VOLTAGE & PHASE AS SHOWN
	NON-FUSED DISCONNECT - SWITCH. WP DENOTES WEATHER PROOF.
M	ELECTRIC MOTOR
T	THERMOSTAT
	DATA OUTLET. SINGLE GANG UNLESS NOTED WITH NUMBER. TV INDICATES COAX OUTLET.
4	TELEPHONE/DATA OUTLET
$\Box$	DEVICE IN FLOOR
	DEVICE OVERHEAD (IN CEILING OR MOUNTED TO STRUCTURE)



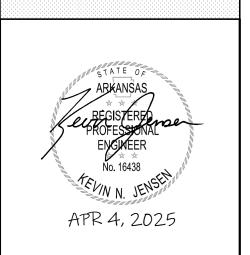
1. INDICATES NIGHT LIGHT. WIRE FOR CONTINUOUS OPERATION. 2. J-BOX WITH CONNECTED 120V LIGHTING CONTROL RELAY. RELAY COMMUNICATES WIRELESSLY OR VIA LOW-VOLTAGE TO CONNECTED OCCUPANCY SENSORS AS SHOWN ON DRAWINGS. OUTPUT IS SWITCHLEG OR 0-10V SIGNAL TO CONTROLLED FIXTURES AS SHOWN ON DRAWINGS.

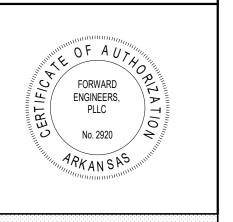
3. PROVIDE LIGHT IN ATTIC WITH SWITCH NEAR ATTIC ACCESS. COORDINATE LOCATION WITH ATTIC STRUCTURE AND INSTALLED

4. LED TAPE LIGHT ROUTED UNDER CABINET UPPERS. PROVIDE TRANSFORMER. REF LIGHTING FIXTURE SCHEDULE FOR MAKE/MODEL. VERIFY LENGTH AND COORDINATE ROUTING WITH INSTALLED CASEWORK.



Level 5 Architecture Mansfield, TX | Springdale, AR level5architecture.com





PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC **MEDICAL DETOX AND** CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A 04/07/2025 ISSUE DATE: **REVISIONS:** 

SHEET NAME:

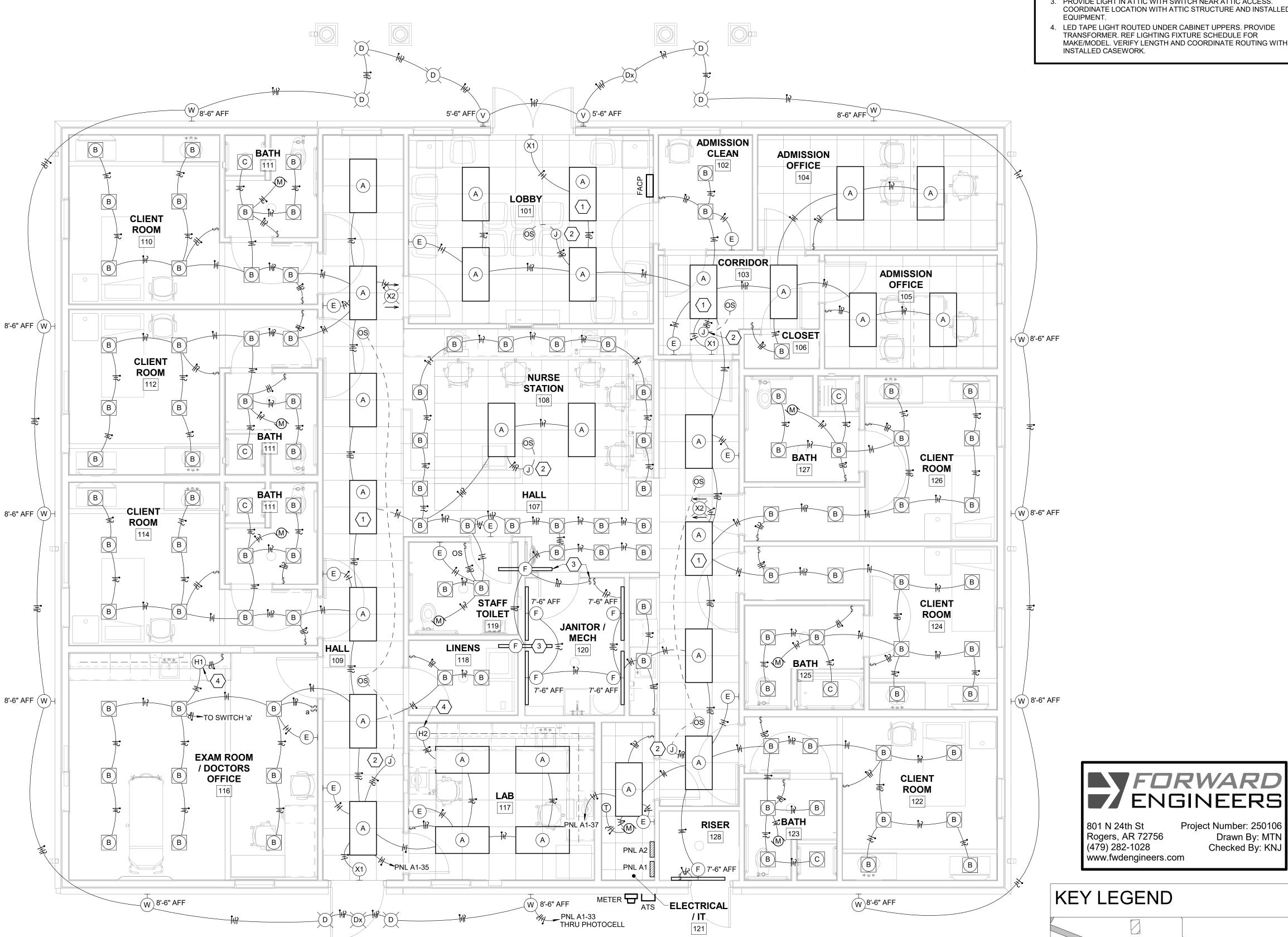
Project Number: 250106

-MEDICAL DETOX BUILDING

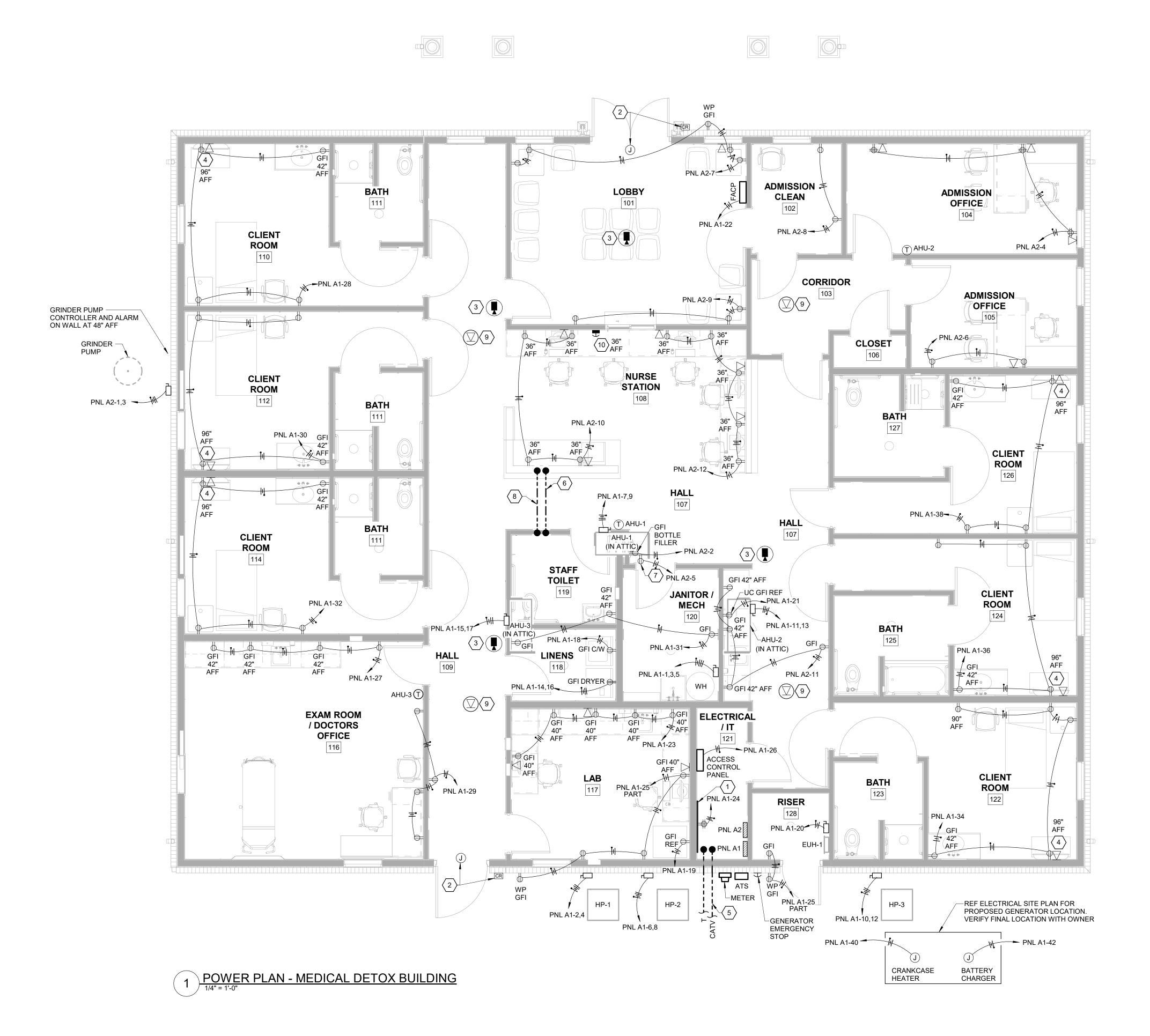
Drawn By: MTN Checked By: KNJ

LIGHTING PLAN MEDICAL DETOX BUILDING

SHEET NUMBER:



LIGHTING PLAN - MEDICAL DETOX BUILDING



### GENERAL SHEET NOTES

- 1. PROVIDE AFCI BREAKERS AS PER ARTICLE 210.12 NEC PROVIDE GFCI RECEPTACLES AS PER ARTICLE 210.8 NEC.
- 2. ALL TREATMENT ROOMS SHALL BE WIRED IN ACCORDANCE WITH ARTICLE 517 OF THE 2020 NEC.

#### 

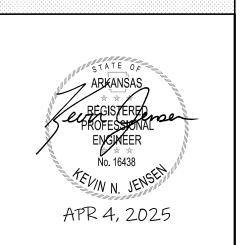
- PROVIDE 4'X8' 3/4" PLYWOOD BACKBOARD ON WALL FOR OWNER'S IT EQUIPMENT WITH DEDICATED QUADRUPLEX OUTLET. VERIFY SIZE OF BACKBOARD AND EQUIPMENT REQUIREMENTS WITH OWNER.
   J-BOX AND CARD READER FOR OWNER'S ACCESS CONTROL
- SYSTEM. REF ACCESS CONTROL DIAGRAM. VERIFY ROUGH-IN REQUIREMENTS WITH ACCESS CONTROL VENDOR.

  3. PROVIDE BACKBOX FOR SECURITY CAMERA. LOCATE BACKBOX 6"
- BELOW CEILING IF LOCATED IN WALL UNLESS OTHERWISE NOTED. PROVIDE 3/4" CONDUIT WITH PULL STRING TO ABOVE CEILING OR OTHER ACCESSIBLE LOCATION. VERIFY REQUIREMENTS AND LOCATIONS WITH SECURITY VENDOR. CAMERA SPEC AND INSTALLATION BY OTHERS.
- 4. PROVIDE 2-GANG RECESSED WALL BOX WITH DUPLEX RECEPTACLE AND LOW VOLTAGE OUTLET BEHIND WALL MOUNTED TELEVISION. VERIFY FINAL LOCATION AND MOUNTING HEIGHT WITH OWNER. COORDINATE WITH TV MOUNT. LEGRAND SANUS SAL-IWP1 OR SIMILAR.
- 5. STUB OUT (2) 2" CONDUITS WITH PULL STRING FOR DATA AND TELEPHONE. CONTRACTOR TO COORDINATE WITH UTILITY FOR FINAL STUB OUT LOCATION. CAP AND MARK EXTERIOR STUB OUT LOCATION
- 6. 2" UNDERSLAB RACEWAY FOR DATA CABLES. PROVIDE MINIMUM 6" SEPERATION FROM POWER CONDUIT. GENERAL ROUTING SHOWN. COORDINATE WITH OTHER TRADES.
- 7. PROVIDE CONVENIENCE RECEPTACLE IN ATTIC NEAR AHU FOR SERVICE.
- 8. UNDERSLAB RACEWAY FOR POWER SERVING ISLAND WITH HALF/HEIGHT WALLS. GENERAL ROUTING SHOWN, COORDINATE WITH OTHER TRADES.
- WIRELESS ACCES POINT. VERIFY LOCATION WITH OWNER.
   DOOR RELEASE FOR FRONT DOOR. PROVIDE SINGLE GANG BACKBOX ROUGH-IN WITH 3/4" CONDUIT TO ABOVE CEILING. VERIFY LOCATION WITH OWNER.



Level 5 Architecture

Mansfield, TX | Springdale, AR
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PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC
MEDICAL
DETOX AND
CAMPUS
IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

23-20A

04/07/2025

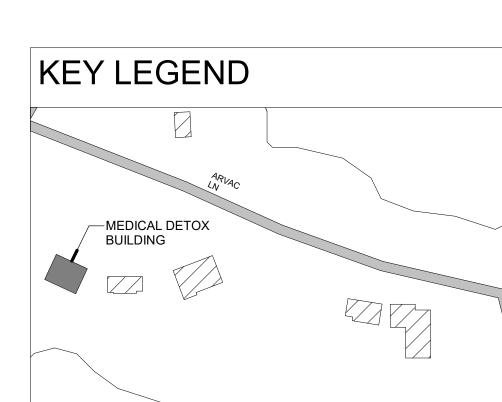
PROJECT NUMBER:

ISSUE DATE:

**REVISIONS:** 

FORWARD ENGINEERS

801 N 24th St Project Number: 250106 Rogers, AR 72756 Drawn By: MTN (479) 282-1028 Checked By: KNJ www.fwdengineers.com



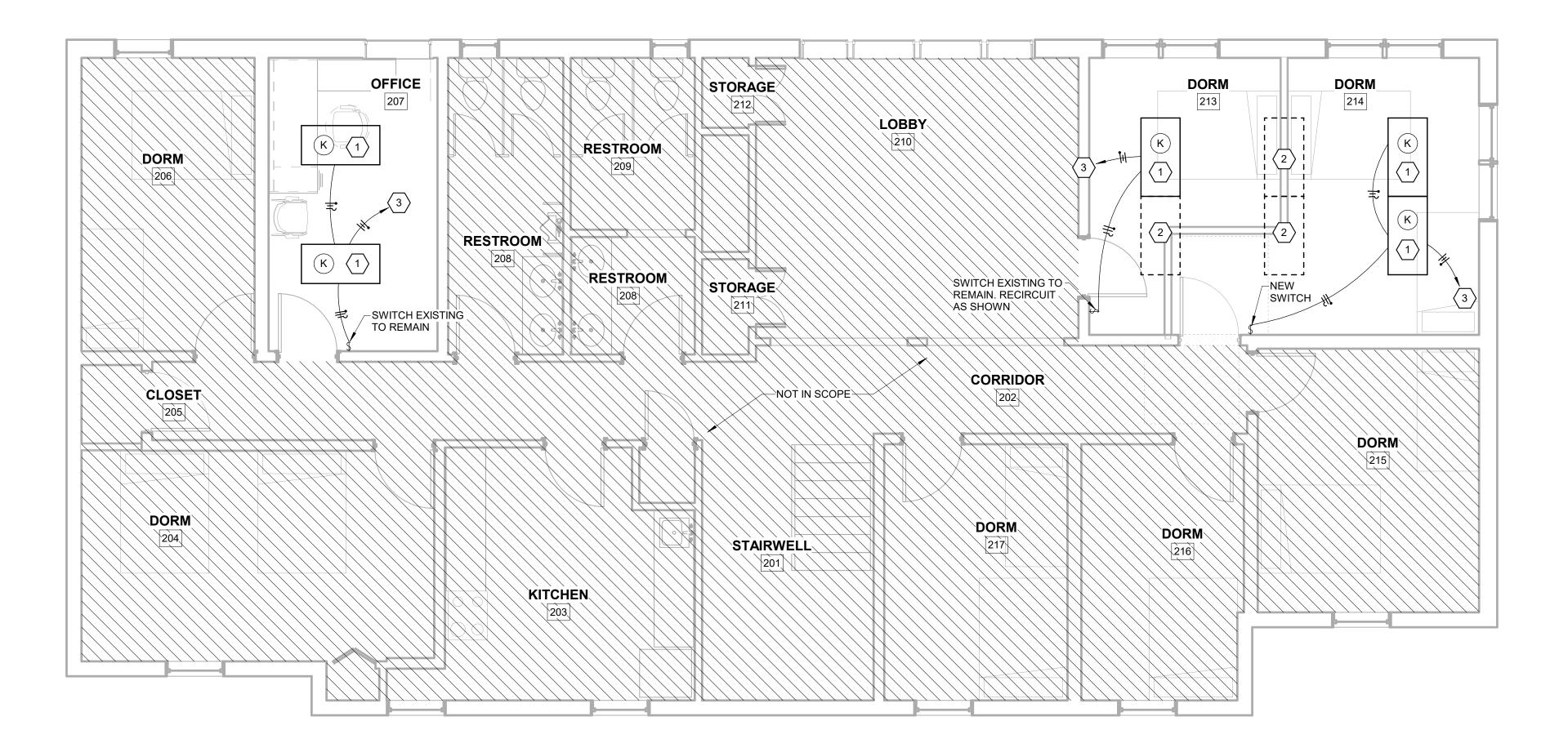
SHEET NAME:

POWER PLAN MEDICAL DETOX BUILDING

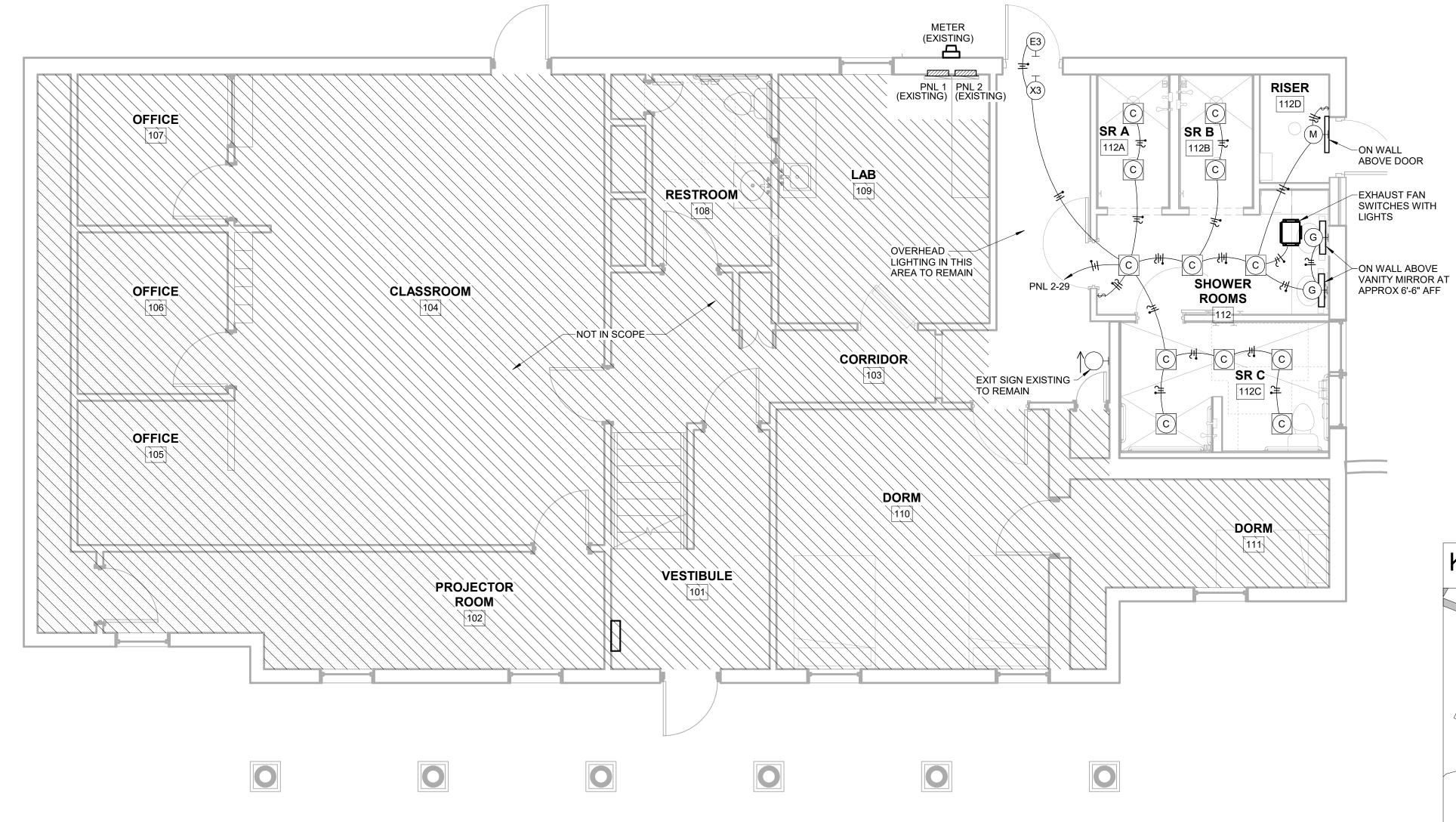
E-202

#### REMODEL ELEC NOTES

- 1. EXISTING CONDITIONS ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND ENGINEER SITE SURVEY. CONTRACTOR TO VERIFY RELEVANT CONDITIONS PRIOR TO BIDDING. ENGINEER PROVIDES NO GUARANTEE OF ACCURACY OF THESE ELEMENTS.
- 2. ALL LIGHT FIXTURES, ELECTRICAL EQUIPMENT AND DEVICES SHALL BE NEW UNLESS NOTED OTHERWISE.
- 3. EXISTING LIGHT FIXTURES, EQUIPMENT AND DEVICES TO BE REUSED OR RELOCATED SHALL BE INSPECTED, REPAIRED (IF REQUIRED) AND CLEANED TO ENSURE A COMPLETE AND PROPER
- 4. CONNECT CIRCUITS TO EXISTING WHERE SHOWN ON PLANS. EXISTING WIRE MAY BE REUSED IF ROUTING AND SIZE SUPPORTS NEW LAYOUT AND MEETS OR EXCEEDS CODE REQUIREMENTS.
- 5. ALL ELECTRICAL DEVICES AND EQUIPMENT IN DEMOLISHED WALLS ARE TO BE REMOVED. REVISE CIRCUIT AS REQUIRED TO KEEP EXISTING TO REMAIN DEVICES AND EQUIPMENT IN SERVICE. EQUIPMENT AND DEVICES NOT SHOWN ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED
- 6. ALL CONDUIT TO BE REMOVED SHALL BE REMOVED IN ITS ENTIRETY, INCLUDING FITTINGS, MOUNTING DEVICES, MOUNTING HARDWARE, ETC. PROVIDE CONDUIT PLUGS AND BLANKS FOR ALL OPENINGS CREATED BY THE REMOVAL OF CONDUIT. PROVIDE BLANK COVER PLATES FOR ALL OPENED OUTLET BOXES CREATED BY THE REMOVAL OF THE EQUIPMENT AND/OR DEVICES.
- 7. COORDINATE WITH GENERAL CONTRACTOR THE REMOVAL AND REPLACEMENT OF ALL EXISTING CEILINGS, WALLS, FLOORS, ETC AS REQUIRED FOR DEMOLITION WORK.
- 8. EXISTING CONDUIT, WIRE, FIXTURES AND EQUIPMENT, NOT TO BE RELOCATED OR DESIGNATED TO BE TURNED OVER TO THE OWNER, SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS.
- 9. COORDINATE WITH OWNER FOR ALL REQUIRED OUTAGES.
- 10. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.



# 2 LIGHTING PLAN - WOMEN'S DORM - 2ND FLOOR



#### GENERAL SHEET NOTES

1. PROVIDE AFCI BREAKERS AS PER ARTICLE 210.12 NEC PROVIDE GFCI RECEPTACLES AS PER ARTICLE 210.8 NEC

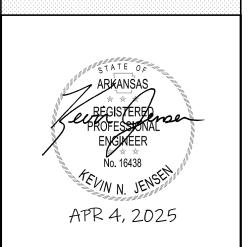
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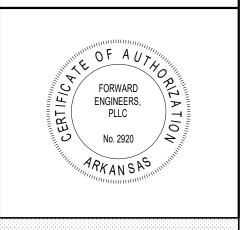
1. REPLACE 2X4 SURFACE MOUNT TROFFER WITH LED SURFACE MOUNT FIXTURE IN SAME LOCATION.

2. DEMO EXISTING FIXTURE. 3. TO EXISTING CIRCUIT FOR THIS AREA. IF NEW DEVICES OR EQUIPMENT EXCEEDS CIRCUIT CAPACITY OR NO CIRCUIT IS AVAILABLE, CONNECT NEW CIRCUIT TO NEAREST PANEL WITH AVAILABLE SPARE OR SPACE.



Level 5 Architecture Mansfield, TX | Springdale, AR level5architecture.com





PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC **MEDICAL DETOX AND** CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

23-20A

04/07/2025

PROJECT NUMBER:

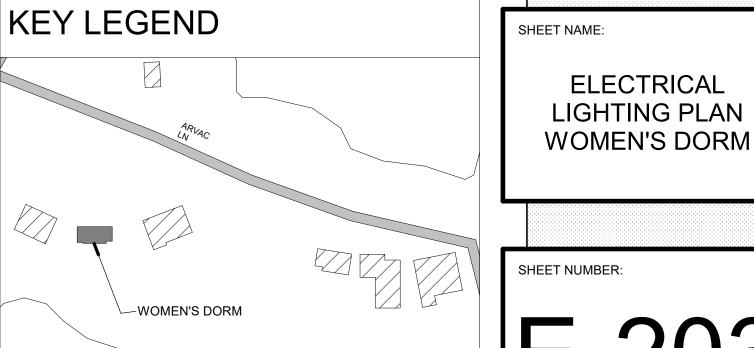
ISSUE DATE:

**REVISIONS:** 

FORWARD ENGINEERS 801 N 24th St Rogers, AR 72756 (479) 282-1028 Project Number: 250106

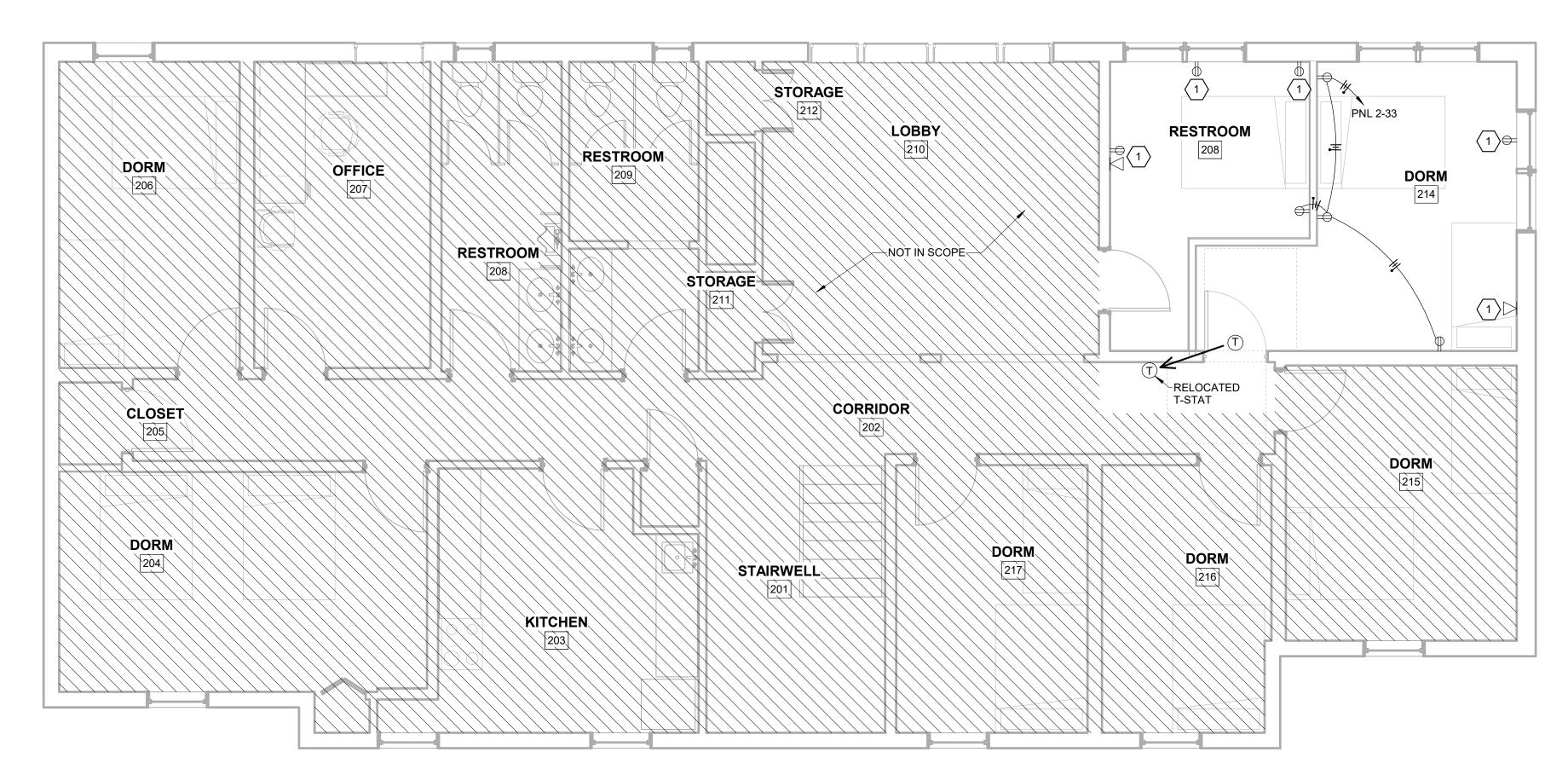
www.fwdengineers.com

Drawn By: ACJ Checked By: KNJ

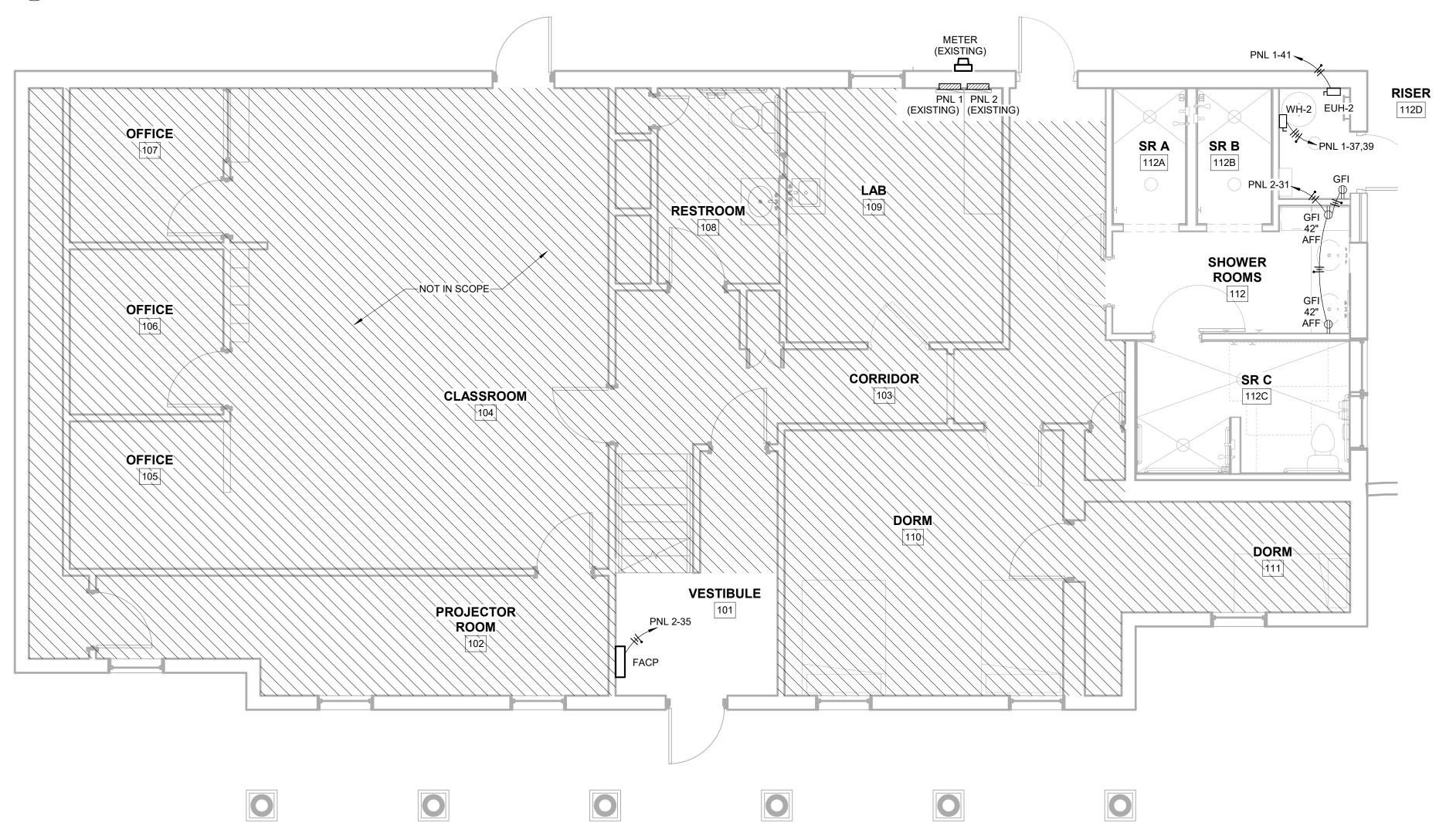


**ELECTRICAL** LIGHTING PLAN

1 LIGHTING PLAN - WOMEN'S DORM - 1ST FLOOR



2 POWER PLAN - WOMEN'S DORM - 2ND FLOOR



1 POWER PLAN - WOMEN'S DORM - 1ST FLOOR

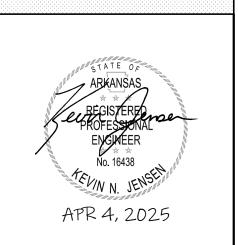
## GENERAL SHEET NOTES

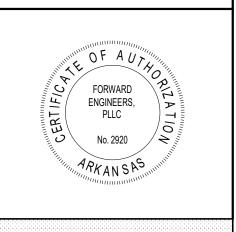
PROVIDE AFCI BREAKERS AS PER ARTICLE 210.12 NEC PROVIDE GFCI RECEPTACLES AS PER ARTICLE 210.8 NEC.

#### 

1. EXISTING RECEPTACLE TO REMAIN.







PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

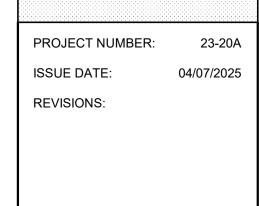
ARVAC, INC
MEDICAL
DETOX AND
CAMPUS
IMPROVEMENTS

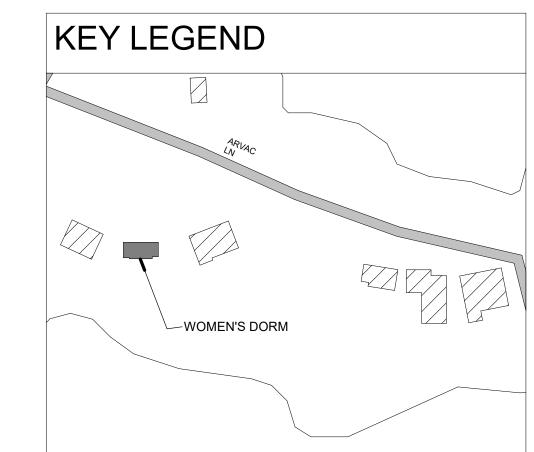
65 ARVAC LN RUSSELLVILLE, AR 72802



801 N 24th St Pro Rogers, AR 72756 (479) 282-1028 www.fwdengineers.com

Project Number: 250106 Drawn By: ACJ Checked By: KNJ





ELECTRICAL
POWER PLAN
WOMEN'S DORM

	ELECTRICAL LIGHTING DEVICE SCHEDULE														
MARK QTY	DESCRIPTION	ELECTRIC	CAL DATA			LAMP DA	TA		BASIS OF DESIGN	NOTES					
WARK QII	DESCRIPTION	LOAD (VA)	VOLTAGE	QTY	WATTS	LUMENS	COLOR TEMP (K)	MANUFACTURER	MODEL OR SERIES	NOTES					
A 28	2x4 BACKLIT FLAT PANEL	50	120 / 1 / 60	1	40	4500	3500	WILLIAMS	BP-24-LS/8CS-DIM-UNV	FIELD SELECT FOR 40W OUTPUT					
B 103	6 INCH DOWNLIGHT	11	120 / 1 / 60	1	9	1000	3500	WILLIAMS	6DR-TL-L10/835-DIM1-UNV-OW-OF-CS-N-F1						
C 6	WET RATED 6 INCH DOWNLIGHT	11	120 / 1 / 60	1	9	1000	3500	WILLIAMS	6DR-TL-L10/835-DIM1-UNV-OW-OF-CS-WET/CC-N-F1	SUITABLE FOR WET LOCATIONS					
D 7	6 INCH SURFACE MOUNT DOWNLIGHT	14	120 / 1 / 60	1	12	1000	4000	PRESCOLITE	LBSD-6RD-CS9-WH	SUITABLE FOR WET LOCATIONS					
Dx 2	6 INCH SURFACE MOUNT DOWNLIGHT WITH BATTERY BACKUP	14	120 / 1 / 60	1	12	1000	4000	PRESCOLITE	LBSD-6RD-CS9-WH	SUITABLE FOR WET LOCATIONS, PROVIDE COMPATIBLE REMOTE EMERGENCY LIGHTING INVERTER					
E 13	INTERIOR EMERGENCY LIGHT	2	120 / 1 / 60	1	2	N/A	N/A	WILLIAMS	EMER/LED-WHT-D						
F 7	4 FT LENS STRIP	25	120 / 1 / 60	1	20	3000	3500	WILLIAMS	75R-4-L30/835-DIM-UNV						
H1 1	10 FT LED TAPE LIGHT	38	24 V	1	30	175/FT	3500	PRECISE LED	BEAM-10-24V-95C-35K-EGNT						
H2 1	33 FT LED TAPE LIGHT	124	24 V	1	99	175/FT	3500	PRECISE LED	BEAM-33-24V-95C-35K-EGNT						
M 1	2 FT LENS STRIP	25	120 / 1 / 60	1	20	3000	3500	WILLIAMS	75R-2-L15/835-DIM-UNV						
V 2	SMALL WALL MOUNT LANTERN	19	120 / 1 / 60	1	15	N/A	N/A	HINKLEY	RALEY						
W 11	WALL PACK	14	120 / 1 / 60	1	11	1500	4000	LITHONIA LIGHTING	ARC1 LED P1 40K MVOLT DDBXD	FULL CUTOFF, B0-U0-G0					
X1 3	SINGLE SIDED EXIT SIGN	5	120 / 1 / 60	1	4	N/A	N/A	WILLIAMS	EXIT-R-EM-WHT-D						
X2 2	DOUBLE SIDED EXIT SIGN	5	120 / 1 / 60	1	4	N/A	N/A	WILLIAMS	EXIT-R-EM-WHT-D						

		· <u></u>				PANE							
VOLTAG		120 V					ENCLOSU		NEM				
VOLTAG	· ,	208 V					MOUNTIN			FACE			
	, WIRES:	3 Φ 4 W					AIC RATIN	. ,	2200	U			
	M BUS CAPACITY (A):	400 A					NOTES: F	EED THRU	JLUGS				
MAIN O.	C. DEVICE (A):	400 A MB									T		
CKT NO		TRIP AMPS	POLE			PHASE B	VA LOAD	PHASE C	VA LOAD	POLE	TRIP AMPS		CKT NO
	WH	100	3	9000	2448					2	30	HP-1	2
3						9000	2448						4
5								9000	2448	2	30	HP-2	6
	AHU-1	80	2	7968	2448	7000	0.4.40						8
9						7968	2448	7000	2442	2	30	HP-3	10
	AHU-2	80	2	7000	0500			7968	2448			ELECTRIC OLOTHEO DEVER	12
13	 AUI 1 2			7968	2500	7968	2500			2	30	ELECTRIC CLOTHES DRYER	14 16
15 17	AHU-3	80	2			7968	2500	7060	1500			CLOTHING WASHER	16
	   REFRIGERATOR	20	1	650	750			7968	1500	1	20 20	EUH-1	20
	REFRIGERATOR	20	1	030	750	650	600			1	20	FACP (BREAKER LOCK)	22
	REC - LAB	20	1			000	000	900	360	1	20	TELECOMMUNICATION	24
	REC - LAB	20	1	1080	600			900	300	1	20	ACCESS CONTROL PANEL	26
	REC - EXAM ROOM/DR. OFFICE	20	1	1000	000	720	720			1	20	REC - CLIENT ROOM 110	28
	REC - EXAM ROOM/DR. OFFICE	20	1			120	720	720	720	1	20	REC - CLIENT ROOM 112	30
	REC - JANITOR/STAFF TL	20	1	1010	720			120	120	1	20	REC - CLIENT ROOM 114	32
	EXTERIOR LIGHTING	20	1	1010	720	318	900			1	20	REC - CLIENT ROOM 122	34
	LIGHTING	20	1			0.0		1770	720	1	20	REC - CLIENT ROOM 124	36
	LIGHTING	20	1	1493	720					1	20	REC - CLIENT ROOM 126	38
	SURGE PROTECTIVE DEVICE	30	2			0	1200			1	20	GEN SET CRANKCASE HEATER	40
41								0	300	1	20	GEN SET BATTERY CHARGER	42
					CONNEC	TED LOAD	PHASE TO	TALS (VA)			I	1	
				440	603	426		389	182				
			CONNE	CTED LOA	AD DE	EMAND FAC	CTOR	DEMAND LO	OAD (VA)				
ELECTO	IC CLOTHES DRYER			5000 VA	DL	100.00%		5000	` '		DEMAN	D LOAD 122528 VA	
HEATING				1376 VA		100.00%		81376				CAPACITY 21472 VA	
KITCHEN	N EQUIPMENT - NON-DWELLING UN	IIT	3	8450 VA		80.00%		2760	VA		SPARE	CAPACITY 60 A	
LIGHTIN	G		3	3293 VA		125.00%	)	4116	VA		SPARE	CAPACITY (%) 15	
RECEPT	ACLES		1	5900 VA		81.45%		12950	VA		PHASE	BALANCE	
	G AND COOLING			4688 VA		100.00%	)	14688			А ТО В		
MOTORS				368 VA		119.74%		1638			в то с	• •	
						-					СТОА		
TOTAL			A1	05074374			_	40050	0.1/4	_			
TOTAL:			12	25074 VA				12252					
LOAD (A	MPS):			347 A				340	Α				

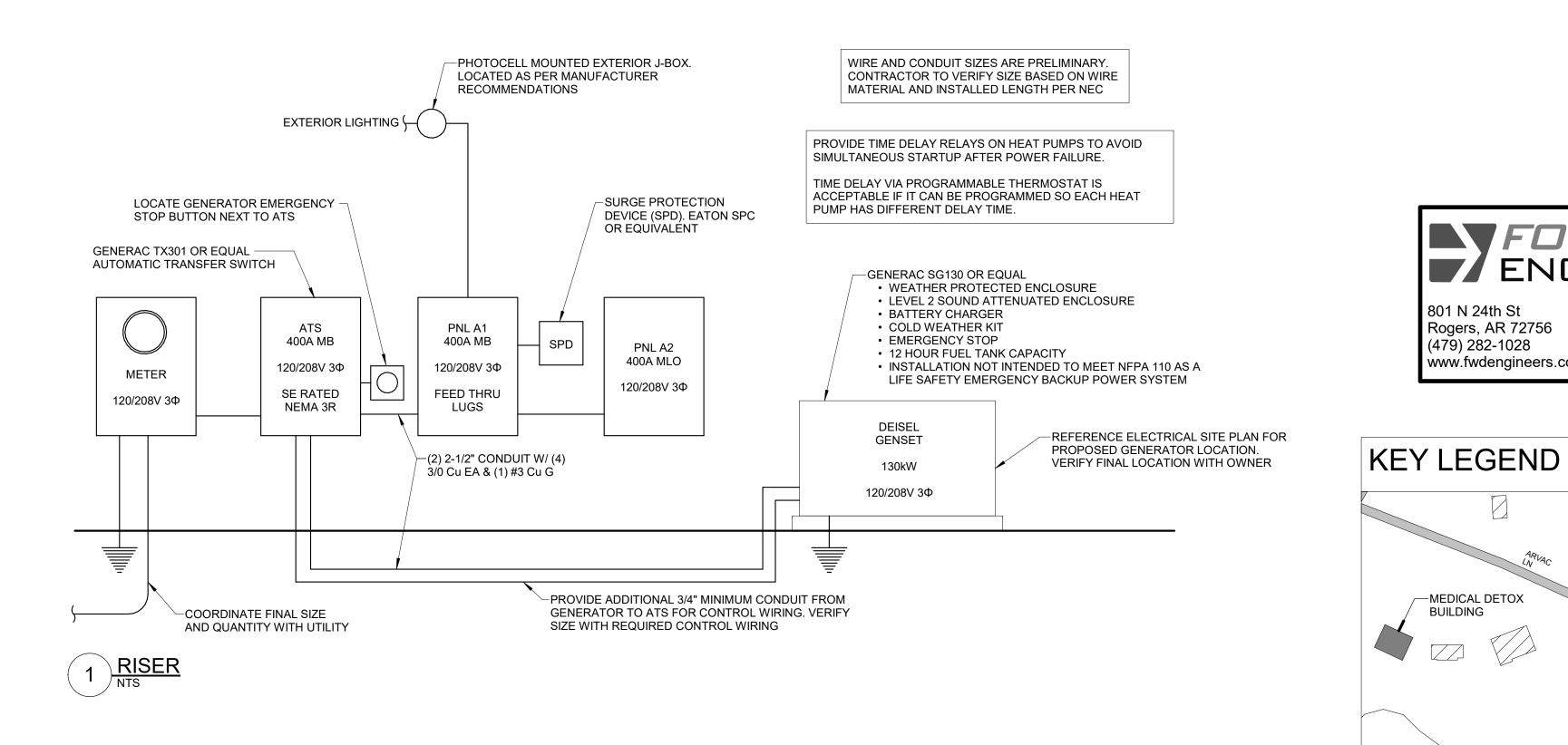
VOLTAC	GE (L-N):	120 V					ENCLOS	JRE TYPE:	NEN	IA 1				
VOLTAC	SE (L-L):	208 V					MOUNTIN	IG:	SUR	FACE				
PHASES	S, WIRES:	3 Φ 4 W					AIC RATI	NG (A):	2200	0				
MINIMU	M BUS CAPACITY (A):	400 A					NOTES:							
MAIN O.	C. DEVICE (A):	400 A MLO					7							
CKT NO	DESCRIPTION	TRIP AMPS	POLE		Α		В	C	;	POLE	TRIP AMPS	DESCRIPTION	CKT NO	
1	GRINDER PUMP	20	2	2909	1080					1	20	EWC	2	——EWC CIRCUIT SHALL BE GFI
3						2909	1080			1	20	REC - ADMISSION OFFICE 104	4	PROTECTED AT THE BREAK
5	REC - ATTIC	20	1					180	360	1	20	REC - ADMISSION OFFICE 105	6	
7	REC - LOBBY	20	1	900	360					1	20	REC - ADMISSION CLEAN	8	
9	REC - LOBBY	20	1			540	720			1	20	REC - NURSE STATION	10	
11	REC - HALL 107	20	1					720	900	1	20	REC - NURSE STATION	12	
13	EXHAUST FAN	20	1	0	0					1	20	SPARE	14	
15	SPACE		1							1		SPACE	16	
17	SPACE		1							1		SPACE	18	
19	SPACE		1							1		SPACE	20	
21	SPACE		1							1		SPACE	22	
23	SPACE		1							1		SPACE	24	
25	SPACE		1							1		SPACE	26	
27	SPACE		1							1		SPACE	28	
29	SPACE		1							1		SPACE	30	
31	SPACE		1							1		SPACE	32	
33	SPACE		1							1		SPACE	34	
35	SPACE		1							1		SPACE	36	
37	SPACE		1							1		SPACE	38	
39	SPACE		1							1		SPACE	40	
41	SPACE		1							1		SPACE	42	
					CONNEC	TED LOAD	PHASE TO	TALS (VA)						
				5	249	52	249	210	60					
			001111				2700		0.45 (3.44)					
				ECTED LO	AD DE	MAND FA		DEMAND L			B=1	ID LOAD (2222) (4		
HEATIN				5818 VA		100.00%		5818				ID LOAD 12928 VA		
RECEP1	TACLES		;	5760 VA		100.00%	6	5760	VA		SPARE	CAPACITY 131072 VA		
MOTOR	S			1080 VA		125.00%	6	1350	VA		SPARE	CAPACITY 364 A		
											SPARE	CAPACITY (%) 91		
												` '		
												BALANCE		
											A TO B			
											в то с			
											C TO A	(%) 41.2		
TOTAL				100501/4				40000	١ / / ٨				Į.	
TOTAL: LOAD (A			1	12658 VA 35 A				12928 36						

**BRANCH** PANEL BOARD -ABOVE COUNTERTOPS  $\leftarrow 
ewline 
otag$ FINISHED FLOOR NOTES:

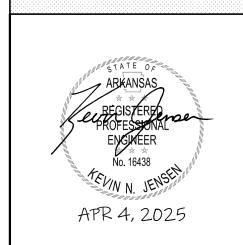
- 1. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL DEVICE MOUNTING HEIGHTS AND EXACT LOCATIONS WITH ARCHITECTURAL INTERIOR ELEVATIONS. REPORT CONFLICTS TO ARCHITECT/ENGINEER \*\*PRIOR TO ROUGH-IN\*\*.
- 2. ALL SWITCHED TO BE MOUNTED AS CLOSE TO DOOR JAMB AS POSSIBLE. COORDINATE ALL SWITCH LOCATIONS WITH ARCHITECTURAL PLANS AND DETAILS.
- 3. GENERAL MOUNTING HEIGHTS ARE AS INDICATED, UNLESS NOTES OTHERWISE ON PLANS.
- 4. MOUNTING HEIGHTS INDICATED ARE ABOVE FINISHED FLOOR TO HORIZONTAL CENTERLINE OF DEVICE, UNLESS NOTED OTHERWISE.

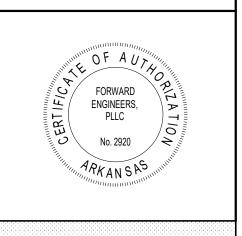


FINISHED CEILING









PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A 04/07/2025 ISSUE DATE: **REVISIONS:** 

SHEET NAME:

FORWARD
ENGINEERS

801 N 24th St

(479) 282-1028

-MEDICAL DETOX

BUILDING

Rogers, AR 72756

www.fwdengineers.com

Project Number: 250106

Drawn By: MTN

Checked By: KNJ

ELECTRICAL SCHEDULES & RISER MEDICAL DETOX BUILDING

SHEET NUMBER:

4/4/2025 2:26:09 PM

	ELECTRICAL LIGHTING DEVICE SCHEDULE WOMEN'S DORM										
MARK	OTV	DESCRIPTION	ELECTRICAL DATA				LAMP DA	ιΤΑ		BASIS OF DESIGN	NOTES
WAKK	QII	DESCRIPTION	LOAD (VA)	VOLTAGE	QTY	WATTS	LUMENS	COLOR TEMP (K)	MANUFACTURER	MODEL OR SERIES	NOTES
С	12	WET RATED 6 INCH DOWNLIGHT	11	120 / 1 / 60	1	9	1000	3500	WILLIAMS	6DR-TL-L10/835-DIM1-UNV-OW-OF-CS-WET/CC-N-F1	SUITABLE FOR WET LOCATIONS
E3	1	EXIT SIGN REMOTE HEAD	1	120 / 1 / 60	1	1	N/A	N/A	WILLIAMS	WETRHL	PART OF X3
G	2	INDOOR VANITY SCONCE	19	120 / 1 / 60	2	15	N/A	N/A	KHOLER	K-27263-SC02-BNL	
K	5	2x4 SURFACE MOUNT BACKLIT FLAT PANEL	50	120 / 1 / 60	1	40	4500	3500	WILLIAMS	BP-24-LS/8CS-BP24SMK-W-DIM-UNV	INCLUDE SURFACE MOUNT KIT
Х3	1	EXIT SIGN WITH EMERGENCY LIGHT	5	120 / 1 / 60	1	4	N/A	N/A	WILLIAMS	EXIT/EM/LED-R-WHT-RC-D	REMOTE CAPACITY

VOLTAGI VOLTAGI PHASES,	E (L-L): 24	0 V 0 V D 3 W				MOUNTING AIC RATIN	<b>3</b> :	NEMA 1 RECESSED 10000					
		0 A				NOTES:	` '						
	` '	0 A MLO				-							
CKT NO	DESCRIPTION	TRIP AMPS	POLE		Α	_    	,	POLE	TRIP AMPS	DESCRIP	TION	CKT NC	
	UNKNOWN (E)	20	1	0	0	<b>E</b>	)	1	20	SMALL AC (E)	IION	2	
	UNKNOWN (E)	20	1	U	U	0	0	1	20	SMALL AC (E)		4	
	FRONT CHANDELIER (E)	20	1	0	0	U	U	1	20	UNKNOWN (E)		6	
	UNKNOWN (E)	20	1	U	0	0	0	1	20	UNKNOWN (E)		8	
	UNKNOWN (E)	20	1	0	0	J	J	1	20	UNKNOWN (E)		10	
	AIR COND (E)	20	1	U	U	0	0	1	20	UNKNOWN (E)		12	
	UNKNOWN (E)	20	1	0	0	J	J	1	20	UNKNOWN (E)		14	
	OUTSIDE LIGHTS (E)	20	1	U	U	0	0	1	20	UNKNOWN (E)		16	
	STOVE (E)	30	1	0	0	U	U	1	20	UNKNOWN (E)		18	
	UNKNOWN (E)	30	1	U	0	0	0	1	20	UNKNOWN (E)		20	
	LIGHTS (E)	20	1	0	0	0	0	1	20	UNKNOWN (E)		22	
	BAR STOVE (E)	20	1	U	0	0	0	1	20	REC - STORAGE BY OF	FICES (E)	24	
	RECEPTACLES (E)	20	1	0	0	U	0	1	20	UNKNOWN (E)	TIOLO (L)	26	
	UNKNOWN (E)	20	1	U	0	0	0	1	20	REC - DOWNSTAIRS O	FEICE (E)	28	
	UPSTAIRS AIR HANDLER (E)	20	2	0	0		- U	2	20	WELL PUMP (E)	TTIOL (L)	30	
31				0	0	0	0					32	
	DOWNSTAIRS AIR HANDLER (E)	20	2	0		0	0	1		SPACE (E)		34	
35				U		0	0	1	20	UNKNOWN (E)		36	
	WATER HEATER #2 (N)	20	2	2998	1800	0	- O	1	20	RPZA HOTBOX (N)		38	
39			<u>-</u>	2000	1000	2998		1		SPACE (E)		40	
	EUH-1 (N)	20	1	0		2330		1		SPACE (E)		42	
• • • • • • • • • • • • • • • • • • • •	2011 (11)	20	<u> </u>	_	TED LOAD	PHASE TOT	ALS (VA)	•		017(02 (2)		12	
					'98	29	· ,						
				47	90	23	90						
			ECTED LC	DAD DI		CTOR D							
HEATING			7796 VA		100.009		7796 V		D		7796 VA		
MOTORS			0 VA		0.00%		0 VA		S	PARE CAPACITY	16204 VA		
									S	PARE CAPACITY 6	68 A		
									S	PARE CAPACITY (%)	67.5		
									_				
TOTAL:			7796 VA				7796 \	/A	_				
LOAD (AN	ADC).		32 A				32 A						

VOLTAG		0 V					URE TYPE:	NEMA			
		0 V				MOUNTIN	NG:	RECES	SSED		
PHASES	, WIRES:	<b>D3W</b>				AIC RATI	NG (A):	10000			
MINIMUN	M BUS CAPACITY (A): 10	0 A				NOTES:					
MAIN O.	C. DEVICE (A): 10	0 A MLO				1					
CKT NO	DESCRIPTION	TRIP AMPS	POLE	PHASE A	A VA LOAD	PHASE	B VA LOAD	POLE	TRIP AMPS	DESCRIPTION	CKT NO
1	OFFICE 6 (E)	20	1	0	0			2	30	EAST SOUTH AIR HANDLER (E)	2
3	LIGHT AT GATE (E)	20	1			0	0				4
5	LIGHTS (E)	20	1	0	0			2	100	ATTIC AIR HANDLER (E)	6
7	MEN'S RR / BREAKROOM (E)	20	1			0	0				8
9	EAST MIDDLE AIR HANDLER (E)	50	2	0	0			2	70	CLASSROOM AIR HANDLER (E)	10
11						0	0				12
13	UNKNOWN (E)	50	2	0	0			1	20	UNKNOWN (E)	14
15						0	0	1	20	UNKNOWN (E)	16
17	GATE POWER	20	1	0	0			2	30	WATER HEATER (E)	18
19	GATE POWER	20	1			0	0				20
21	EAST NORTH AIR HANDLER (E)	50	2	0	0			1	20	UNKNOWN (E)	22
23						0	0	1	20	UNKNOWN (E)	24
25	OUTSIDE PANEL (E)	100	2	0	0			1	20	UNKNOWN (E)	26
27						0	0	1	20	REC - OFFICE 1 WEST (E)	28
29	LIGHTING - SHOWER ROOMS (N)	20	1	262	0			1	20	REC - OFFICE 2 NORTH (E)	30
31	REC - SHOWER ROOM (N)	20	1			540	0	1	20	REC - OFFICE 2 / EXIT SIGNS (E)	32
33	REC - DORM 208/214 (N)	20	1	720	0			1	20	REC - OFFICE 2 (E)	34
35	FACP (BREAKER LOCK)	20	1			600	0	1	20	UNKNOWN (E)	36
37	SPACE (E)		1					1		SPACE (E)	38
39	SPACE (E)		1					1		SPACE (E)	40
41	SPACE (E)		1					1		SPACE (É)	42
	, , ,			CONNE	CTED LOAD	PHASE TO	OTALS (VA)		1		1
					982		140				
		CONNI	ECTED LO	DAD 1	DEMAND FA	CTOR	DEMAND LO	AD (VA)			
HVAC		22	63 VA	· -	100.00%		63 VA		n	DEMAND LOAD 1572 VA	
LIGHTIN			199 VA		125.00%		249 V			SPARE CAPACITY 22428 VA	
RECEPT	ACLES		1260 VA		100.00%	, D	1260 V	A	S	SPARE CAPACITY 93 A	
									S	SPARE CAPACITY (%) 93.5	
		1522 VA				1572 VA					
TOTAL:			1322 VA				1012 V	$\sim$			

SURGE PROTECTION DEVICE (SPD). EATON SPC OR EQUIVALENT

PNL 2 200A MLO

120/240V 1Ф

(EXISTING)

SURGE PROTECTION DEVICE (SPD). EATON SPC OR EQUIVALENT

PNL 1 200A MLO

120/240V 1Ф

(EXISTING)

PANEL FEEDERS AND CONDUIT ARE EXISTING TO REMAIN. TYP

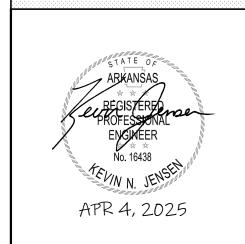
METER W/ (2) 200A MB

120/240V 1Ф

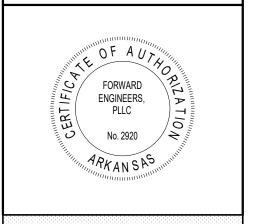
(EXISTING)

1 RISER - WOMEN'S DORM

CIRCUIT NOTE LEGEND: (N) NEW IN AVAILABLE SPACE
(E) EXISTING TO REMAIN
(R) REVISED OR REPURPOSED
(DR) DEMO EXISTING CIRCUIT AND REPLACE WITH NEW
(D) DEMO'D BACK TO PANEL AND LEFT AS SPARE Level 5 Architecture Mansfield, TX | Springdale, AR level5architecture.com



LEVEL



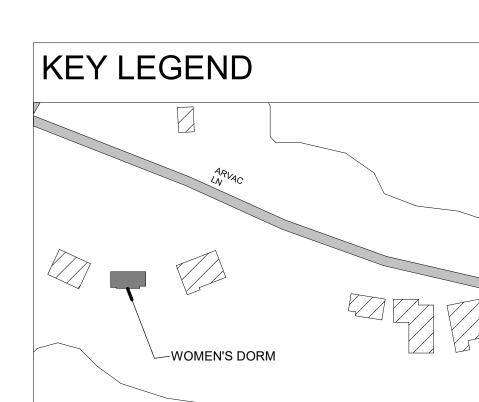
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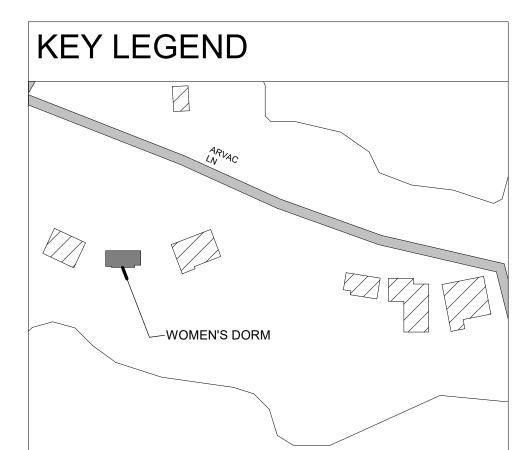
ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A 04/07/2025 ISSUE DATE: REVISIONS:





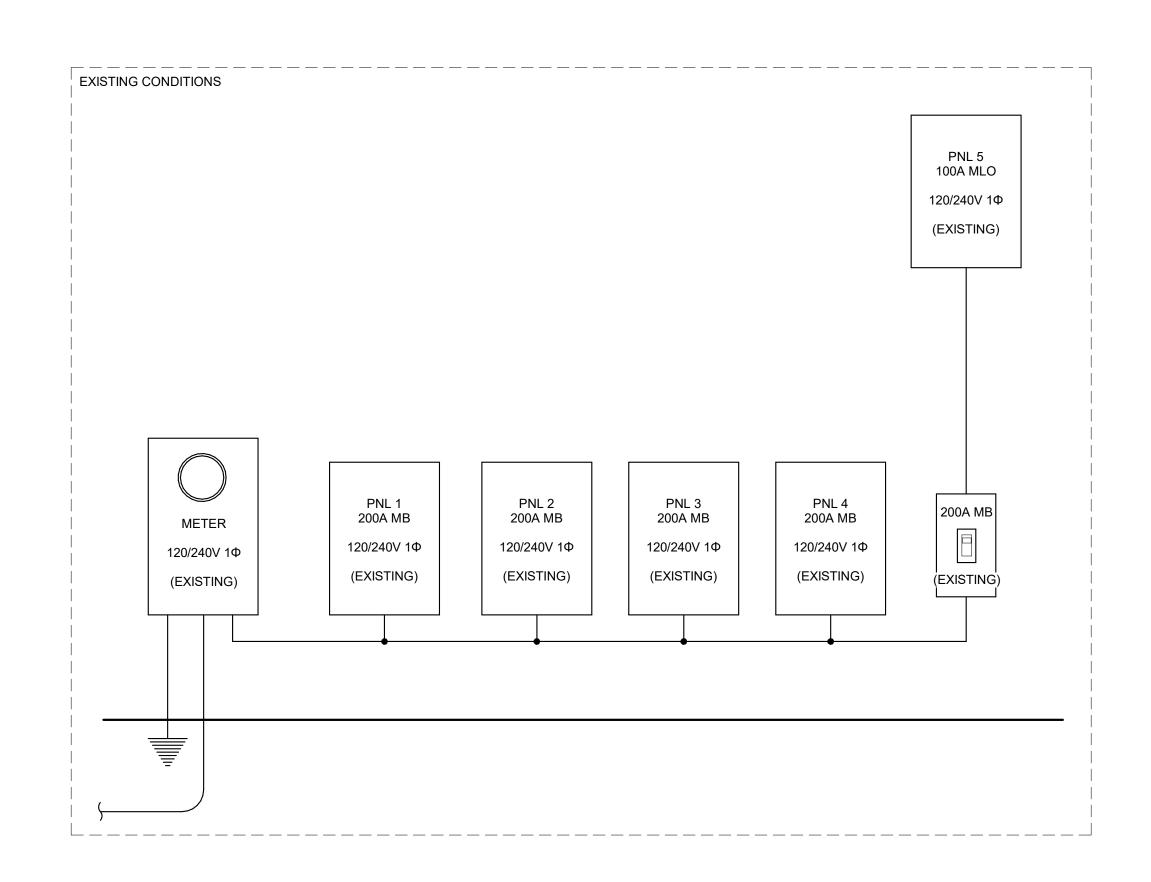
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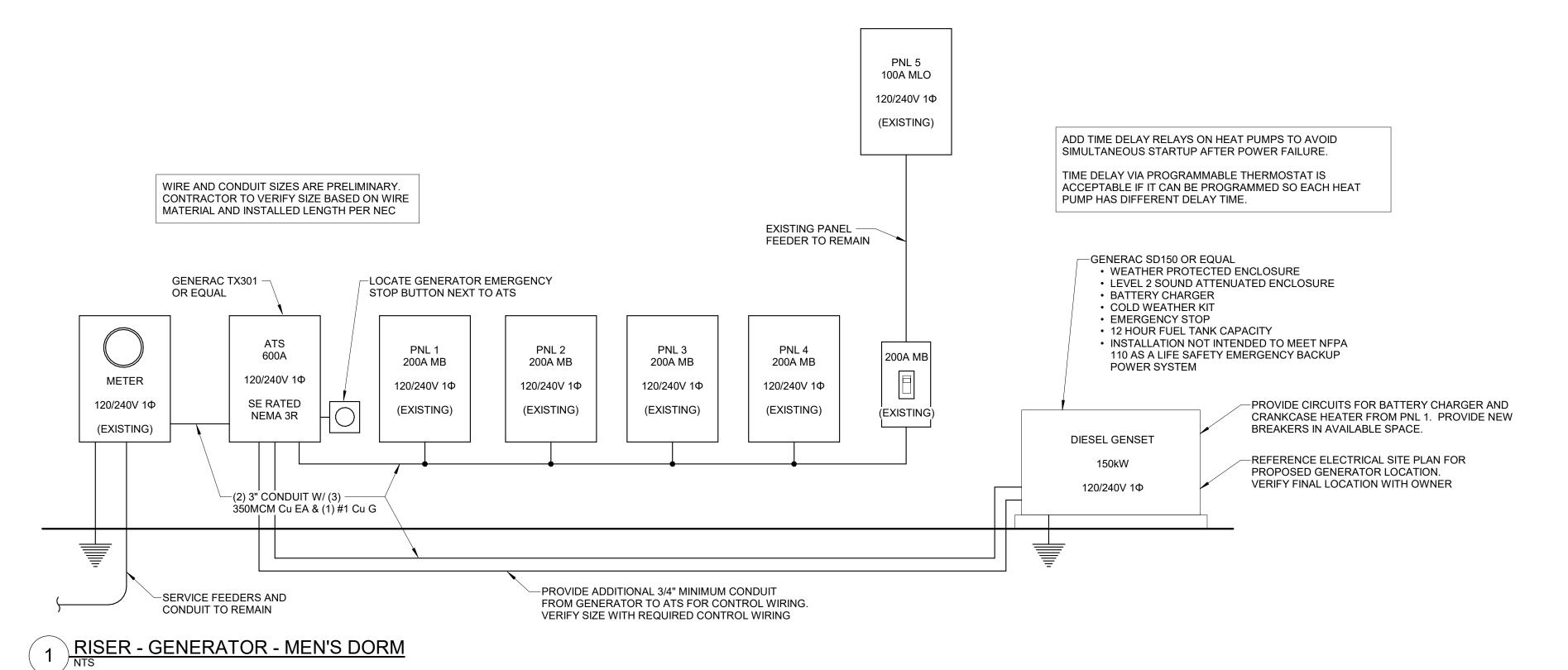
Project Number: 250106

Drawn By: ACJ Checked By: KNJ

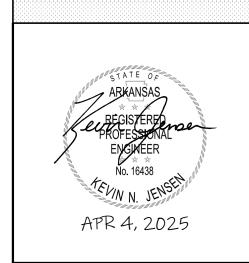
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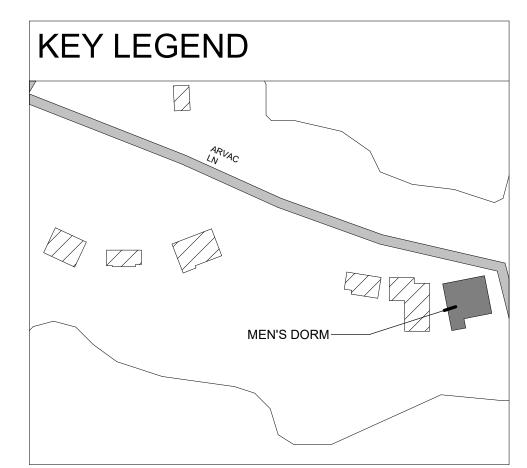
ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A

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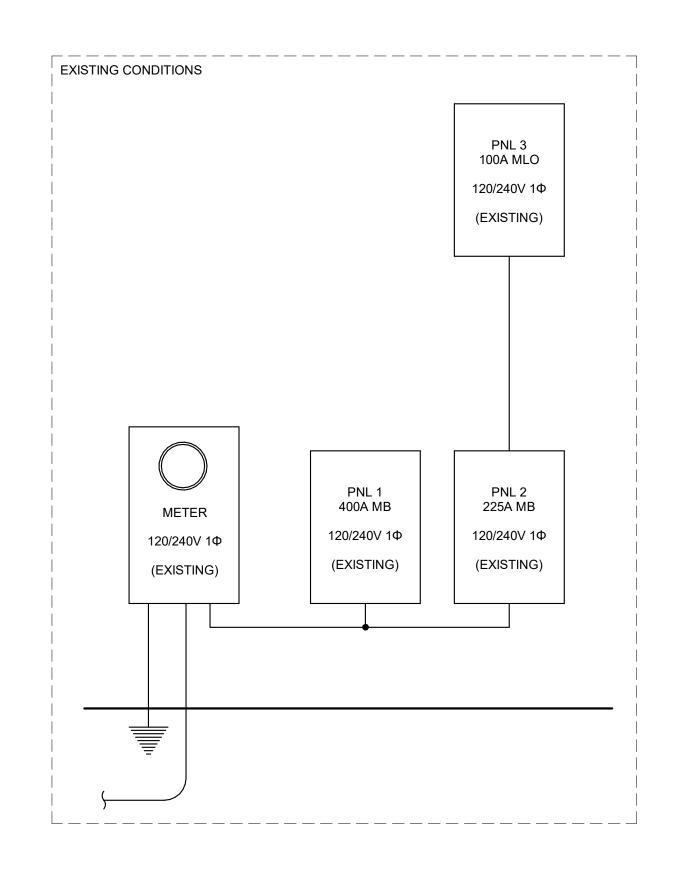
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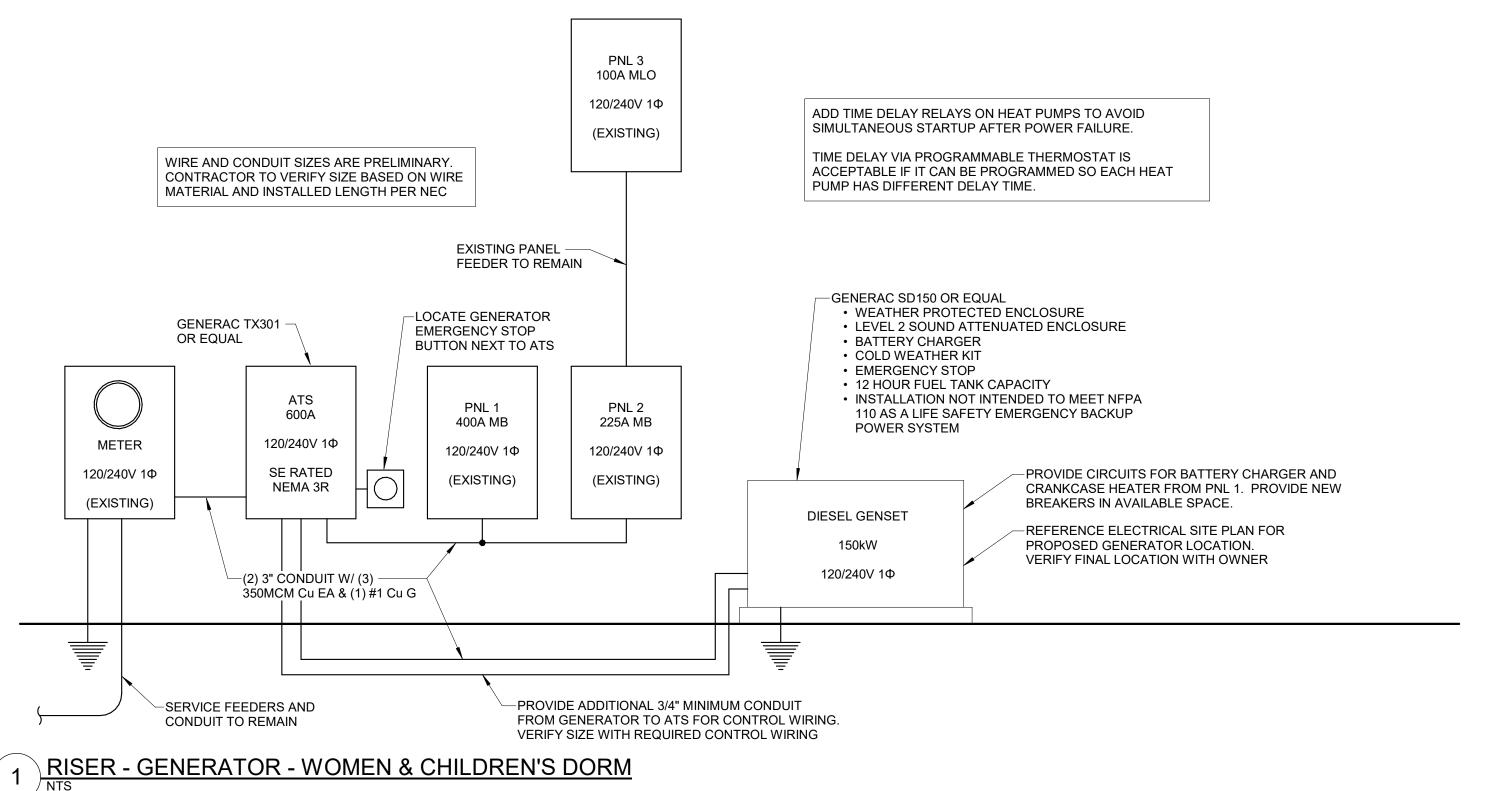
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Project Number: 250106

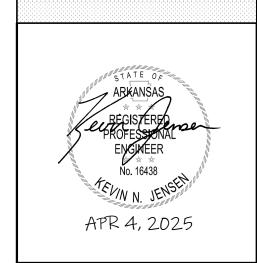
Drawn By: KNJ Checked By: KNJ

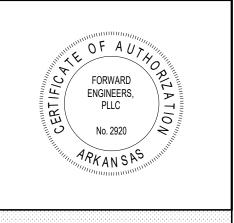
SHEET NAME: **GENERATOR ADDITION** MEN'S DORM











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ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

23-20A

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Drawn By: KNJ
Checked By: KNJ
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WOMEN & CHILDREN'S DORM

**KEY LEGEND** 

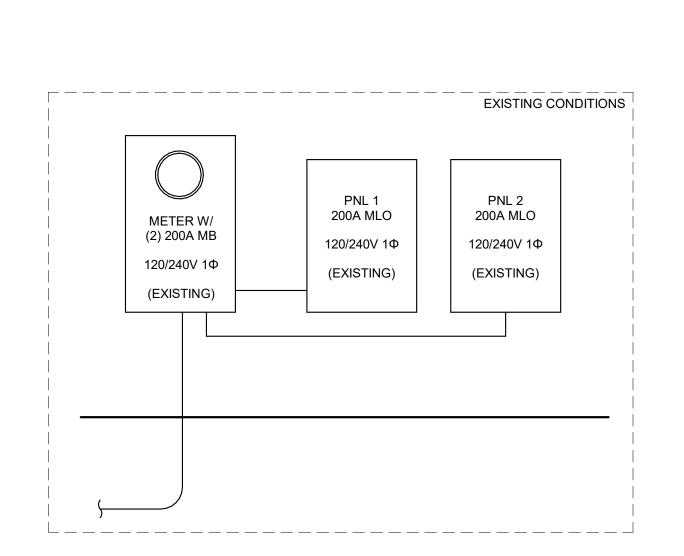
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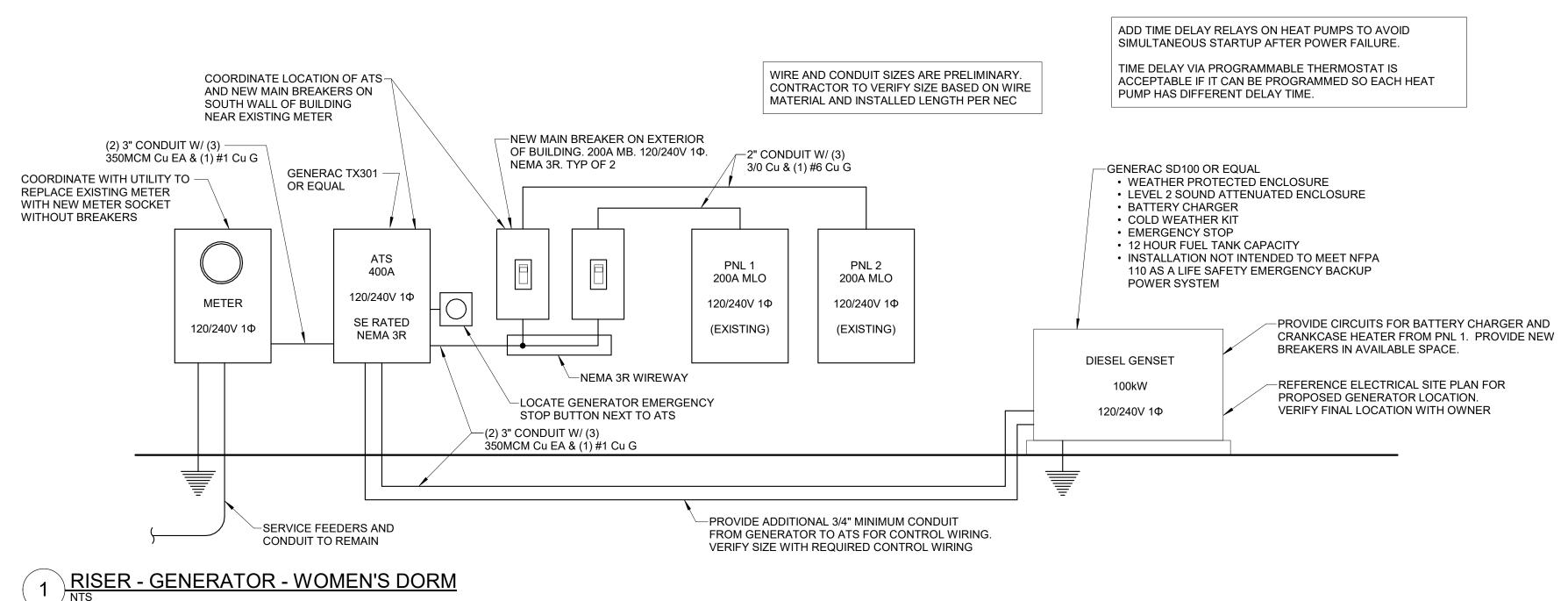
GENERATOR
ADDITION

GENERATOR ADDITION WOMEN & CHILDREN'S DORM

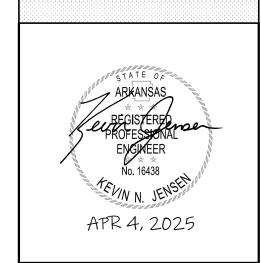
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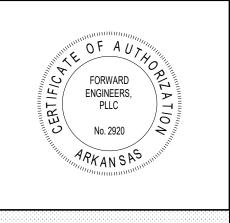
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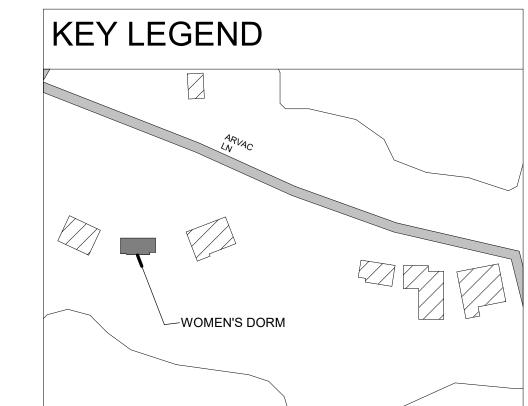
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PROJECT NUMBER: 23-20A

04/07/2025

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ENGINEERS Project Number: 250106 Drawn By: KNJ Checked By: KNJ

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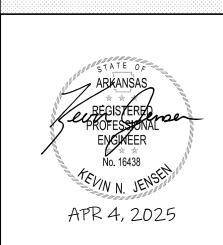
Rogers, AR 72756

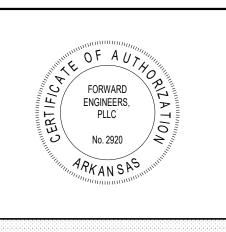
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SHEET NAME: **GENERATOR ADDITION** WOMEN'S DORM









ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC
MEDICAL
DETOX AND
CAMPUS
IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

23-20A

04/07/2025

PROJECT NUMBER:

ISSUE DATE:
REVISIONS:

SHEET NAME:

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Checked By: KNJ

PLUMBING SITE PLAN

SHEET NUMBER:

4/4/2025 2:26:18 PM

#### GENERAL PLUMBING NOTES

- 1. VERIFY LOCATIONS AND DIMENSIONS OF ALL ARCHITECTURAL, CIVIL AND STRUCTURAL ELEMENTS AS SHOWN ON THEIR RESPECTIVE DOCUMENTS, THESE ELEMENTS ARE SHOWN FOR REFERENCE AND SHALL BE VERIFIED PRIOR TO CONSTRUCTION AND THE ENGINEER ASSUMES NO LIABILITY FOR THE ACCURACY OF
- 2. PLUMBING SYSTEMS SHALL BE INSTALLED AND TESTED USING MATERIALS AND PROCEDURES IN ACCORDANCE WITH ALL STATE AND LOCAL CODES, LAWS AND/OR REGULATIONS AND AUTHORITIES HAVING JURISDICTION. SHOULD THERE BE ANY DIRECT CONFLICT BETWEEN CODES AND THE DRAWINGS AND/OR SPECIFICATIONS, THE CODES, LAWS OR REGULATIONS SHALL GOVERN. ALL MATERIAL, EQUIPMENT INSTALLATION AND OPERATION SHALL BE IN FULL COMPLIANCE WITH MANUFACTURER'S SPECIFICATION AND REQUIREMENTS.
- 3. CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES AND FEES REQUIRED BY STATE AND LOCAL AUTHORITIES INCLUDING CONNECTION FEES FOR UTILITY HOOKUPS. ALL WORK SHALL BE INSPECTED AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION. FURNISH INSPECTION AND APPROVAL LETTERS TO
- 4. EXACT LOCATION OF PLUMBING FIXTURES SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS.
- 5. ALL WORK AND MATERIALS ARE SUBJECT TO FIELD OBSERVATION AT ANY TIME BY OWNER'S REPRESENTATIVE.
- 6. ALL EQUIPMENT SHALL BE NEW UNLESS NOTED OTHERWISE AND PROVIDED COMPLETE WITH ALL ACCESSORIES, HANGERS, SUPPORTS AND CONTROLS FOR A FULLY FUNCTIONING SYSTEM REGARDLESS OF PRESENCE ON PLANS.
- 7. THESE DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL LOCATION AND ARRANGEMENT OF ALL MATERIALS AND EQUIPMENT. DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS BUILDING CONSTRUCTION AND ALL OTHER WORK WILL PERMIT.
- 8. ALL DOMESTIC COLD WATER, HOT WATER & HOT WATER CIRCULATING PIPING SHALL BE INSULATED TO MEET ENERGY CODE MINIMUMS. INSULATION SHALL BE CONTINUOUS THROUGH WALLS, FLOORS & PARTITIONS. INSTALL ALL WATER LINES ON EXTERIOR WALLS, INCLUDING LINES IN ATTIC OR ROOF, ON WARM SIDE (INSIDE) OF INSULATION.
- 9. PROVIDE AN APPROVED FIRE STOP ASSEMBLY FOR ANY PIPING PENETRATING RATED ASSEMBLIES.
- 10. PROVIDE WATER HAMMER ARRESTORS FOR ALL SOLENOID VALVES AND QUICK CLOSING VALVES ON LINES OVER 1/2". ZURN Z1700 OR EQUIVALENT.
- 11. PROVIDE ASSE 1070 COMPLIANT DEVICE ON ANY PUBLIC HAND-WASHING FIXTURES. SET TEMPERATURE TO 110 DEG F OR LESS. MULTIPLE FIXTURES MAY BE CONNECTED DOWNSTREAM OF THE SAME DEVICE AS LONG AS DEVICE IS SIZED FOR THE MAXIMUM FLOW OF ALL CONNECTED FIXTURES. ZURN AQUA-GUARD ZW387OXLT OR EQUIVALENT.

#### 

PLU	MBING SYMBOLS
G-	ELBOW DOWN
<u> </u>	ELBOW UP
-	TEE DOWN
	TEE UP
+5+	FULL PORT BALL VALVE
	HOT WATER CIRCULATION PUMP
SE	DESIGNATES SERVICE ENTRY. REF SITE UTILITY PLAN FOR ROUTING FROM METER TO SERVICE ENTRY LOCATION
	COLD WATER LINE (CW)
	HOT WATER LINE (HW)
	HOT WATER RETURN LINE (HWR)
	DOMESTIC WATER SUPPLY PIPE UNDERSLAB OR BELOW FLOOR
ss	SANITARY SEWER PIPE (SS)
GW	GREASE WASTE PIPE (GW)
	VENT PIPE (V)
	FUEL GAS PIPE (G)

## ○ SHEET KEYNOTES

- 1. THERMOSTATIC MIXING VALVE SET TO 110 DEG F, CERTIFIED TO ASSE 1017. ZURN #ZW1017XL OR EQUIVALENT.
- 2. FIRE LINE TO FDC. SIZED BY SPRINKLER CONTRACTOR. FDC FIXTURE BY CONTRACTOR. COORDINATE FINAL LOCATION OF FDC
- WITH LOCAL AHJ. REF CIVIL FOR CONTINUATION 3. STUB FIRE LINE THROUGH SLAB IN FIRE RISER ROOM FOR
- SPRINKLER CONNECTION. FIRE LINE TO BE SIZED BY SPRINKLER CONTRACTOR. REF CIVIL FOR CONTINUATION
- 4. PROVIDE BALL VALVE IN WALL BEHIND ACCESS PANEL FOR HY

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—MEDICAL DETOX BUILDING

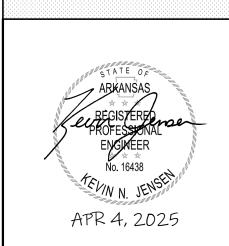
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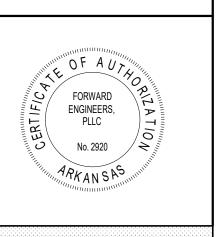
Project Number: 250106 Drawn By: BLG Checked By: KNJ



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PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC **MEDICAL DETOX AND** CAMPUS IMPROVEMENTS

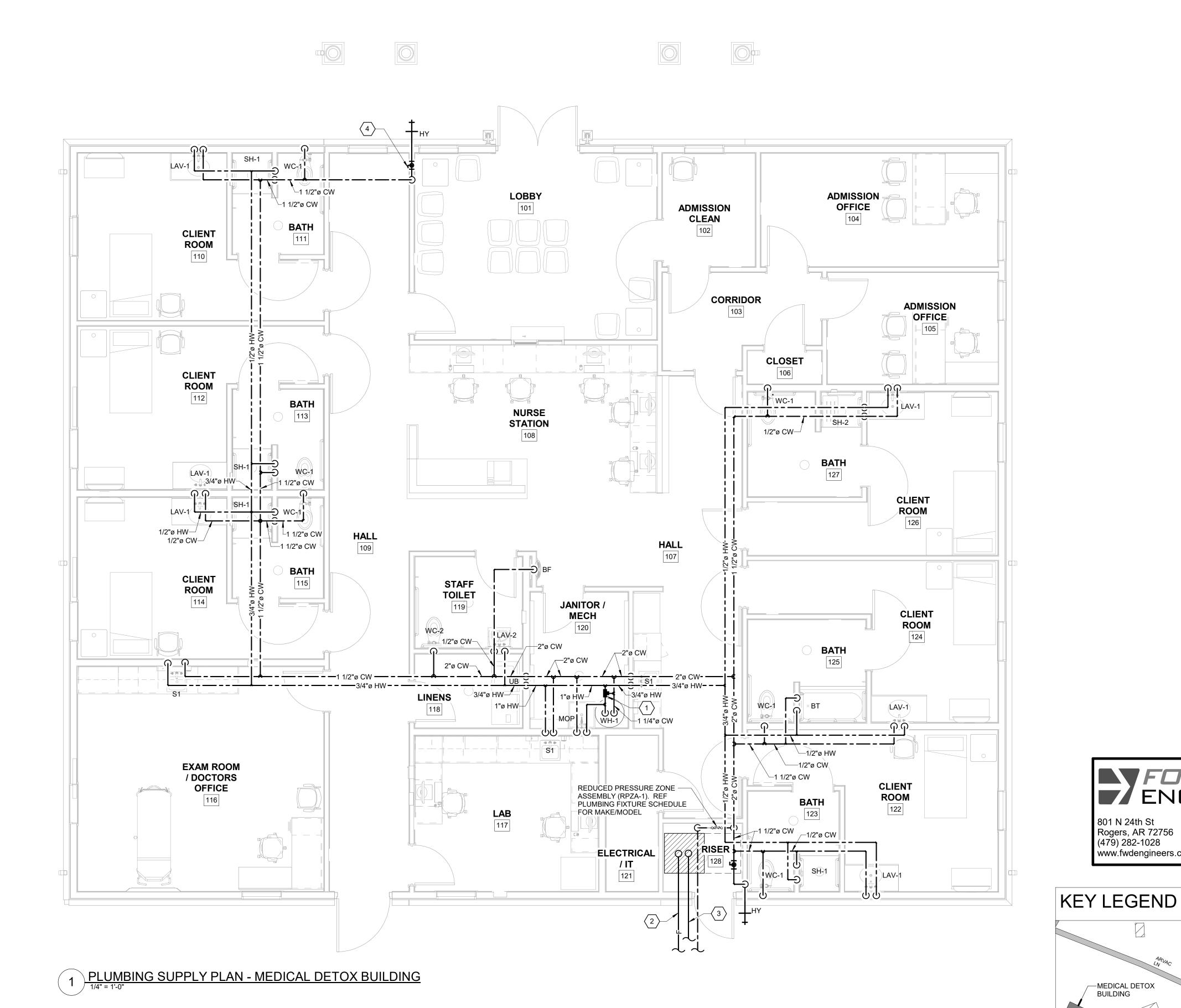
65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A 04/07/2025 ISSUE DATE: **REVISIONS:** 

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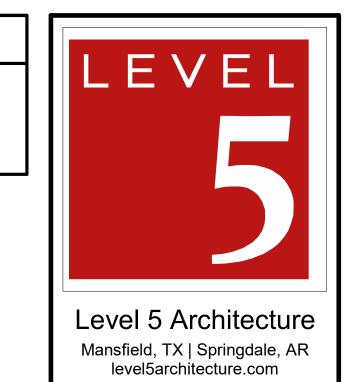
PLUMBING SUPPLY PLAN

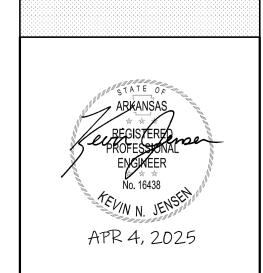
MEDICAL DETOX BUILDING

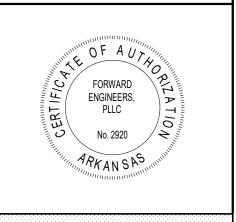




1. 208V 3PH DUPLEX GRINDER PUMP SYSTEM INSTALLED BELOW GRADE. LOCATE CONTROLLER/ALARM AS SHOWN ON PLANS OR AS REQUIRED BY MANUFACTURER. 48" x 96" BASIN WITH 4" INLET. INSTALL PER MANUFACTURER INSTRUCTIONS. PENTAIR MYERS VS50 WITH 5HP PUMP, #VS50-03, OR EQUIVALENT. VERIFY PUMP SIZING WITH MANUFACTURER.







PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC **MEDICAL** DETOX AND CAMPUS IMPROVEMENTS

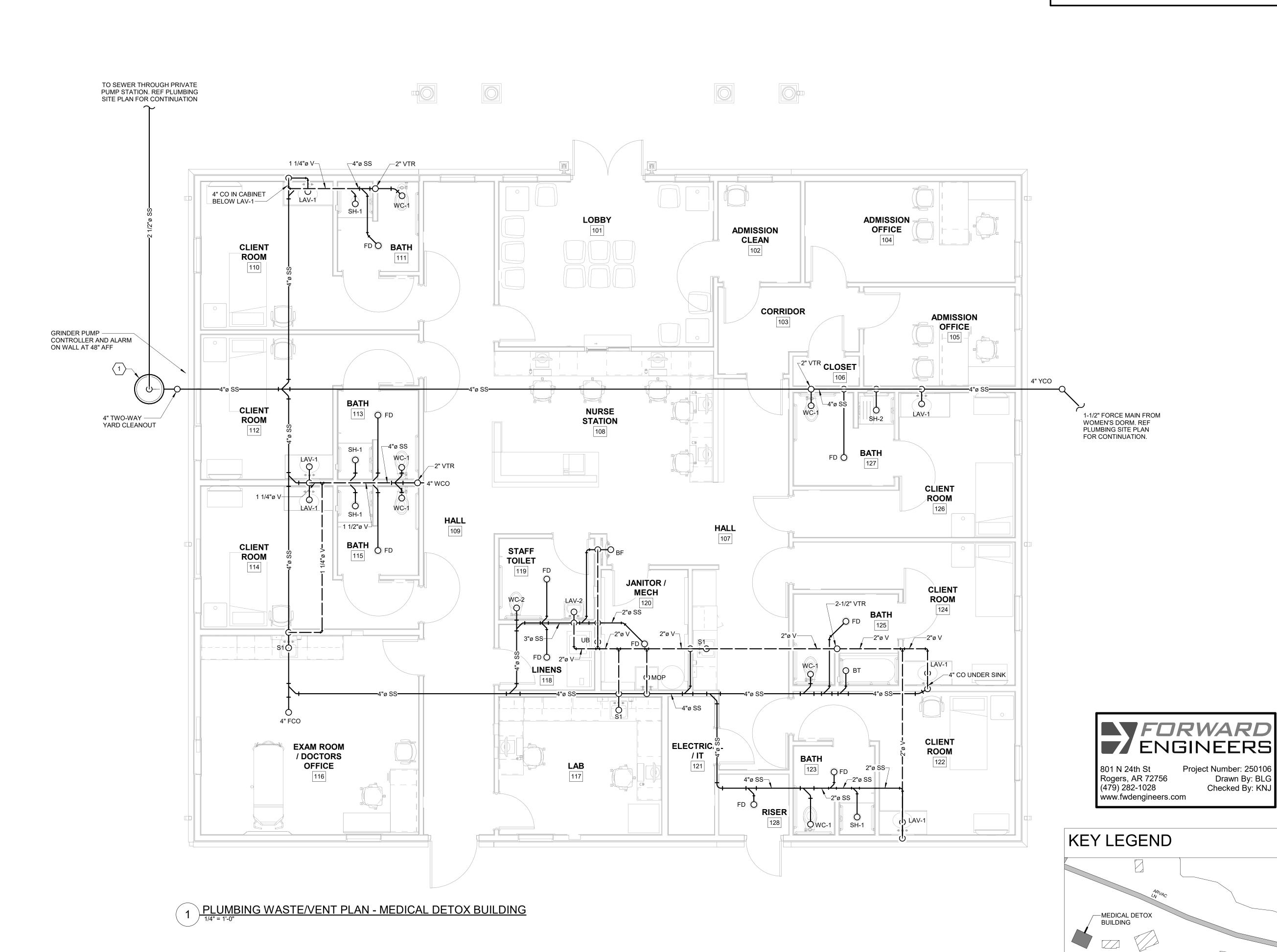
65 ARVAC LN RUSSELLVILLE, AR 72802

23-20A PROJECT NUMBER: 04/07/2025 ISSUE DATE: REVISIONS:

SHEET NAME:

Project Number: 250106 Drawn By: BLG Checked By: KNJ

**PLUMBING** WASTE/VENT PLAN MEDICAL DETOX BUILDING



#### REMODEL PLUMBING NOTES

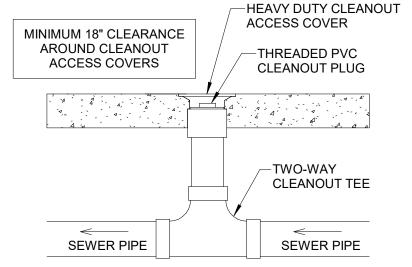
- EXISTING CONDITIONS ARE BASED ON AVAILABLE AS-BUILT
   DRAWINGS AND ENGINEER SITE SURVEY. CONTRACTOR TO VERIFY
   RELEVANT CONDITIONS PRIOR TO BIDDING. ENGINEER PROVIDES
   NO GUARANTEE OF ACCURACY OF THESE ELEMENTS.
- 2. EXISTING WATER HEATERS AND PLUMBING FIXTURES SHALL BE NEW UNLESS NOTED OTHERWISE.
- 3. EXISTING EQUIPMENT AND PLUMBING FIXTURES TO BE REUSED OR RELOCATED SHALL BE INSPECTED, REPAIRED (IF REQUIRED) AND CLEANED TO ENSURE A COMPLETE AND PROPER WORKING SYSTEM. REPLACE WITH LIKE UNIT IF REQUIRED.
- 4. CONNECT NEW PLUMBING PIPE TO EXISTING WHERE SHOWN. IF MATERIALS ARE DIFFERENT, PROVIDE COMPATIBLE AND APPROVED COUPLING. EXISTING PIPE MAY BE REUSED IF ROUTING AND SIZE SUPPORTS NEW FIXTURE LAYOUT AND MEETS OR EXCEEDS CODE REQUIREMENTS.
- 5. ALL PIPING TO BE REMOVED SHALL BE REMOVED TO BELOW FLOOR, ABOVE CEILING, OR IN WALLS BACK TO MAIN OR SHUT OFF VALVES AT MAINS AND PROPERLY CAPPED PER CODE WITHOUT LEAVING DEAD END PIPING.
- 6. ALL PIPING IN DEMOLISHED WALLS IS TO BE REMOVED. REVISE PIPING AS REQUIRED TO KEEP EXISTING TO REMAIN SYSTEMS AND FIXTURES IN SERVICE INCLUDING PIPE SERVING ADJACENT
- 7. COORDINATE WITH GENERAL CONTRACTOR THE REMOVAL AND REPLACEMENT OF ALL EXISTING CEILINGS, WALLS, FLOORS ETC AS REQUIRED FOR DEMOLITION WORK.
- 8. EXISTING PIPING, FIXTURES AND EQUIPMENT, NOT TO BE RELOCATED OR DESIGNATED TO BE TURNED OVER TO THE OWNER, SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS.
- 9. COORDINATE WITH OWNER FOR ALL REQUIRED OUTAGES.
- 10. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.

## REMODEL PLUMB SYMBOLS

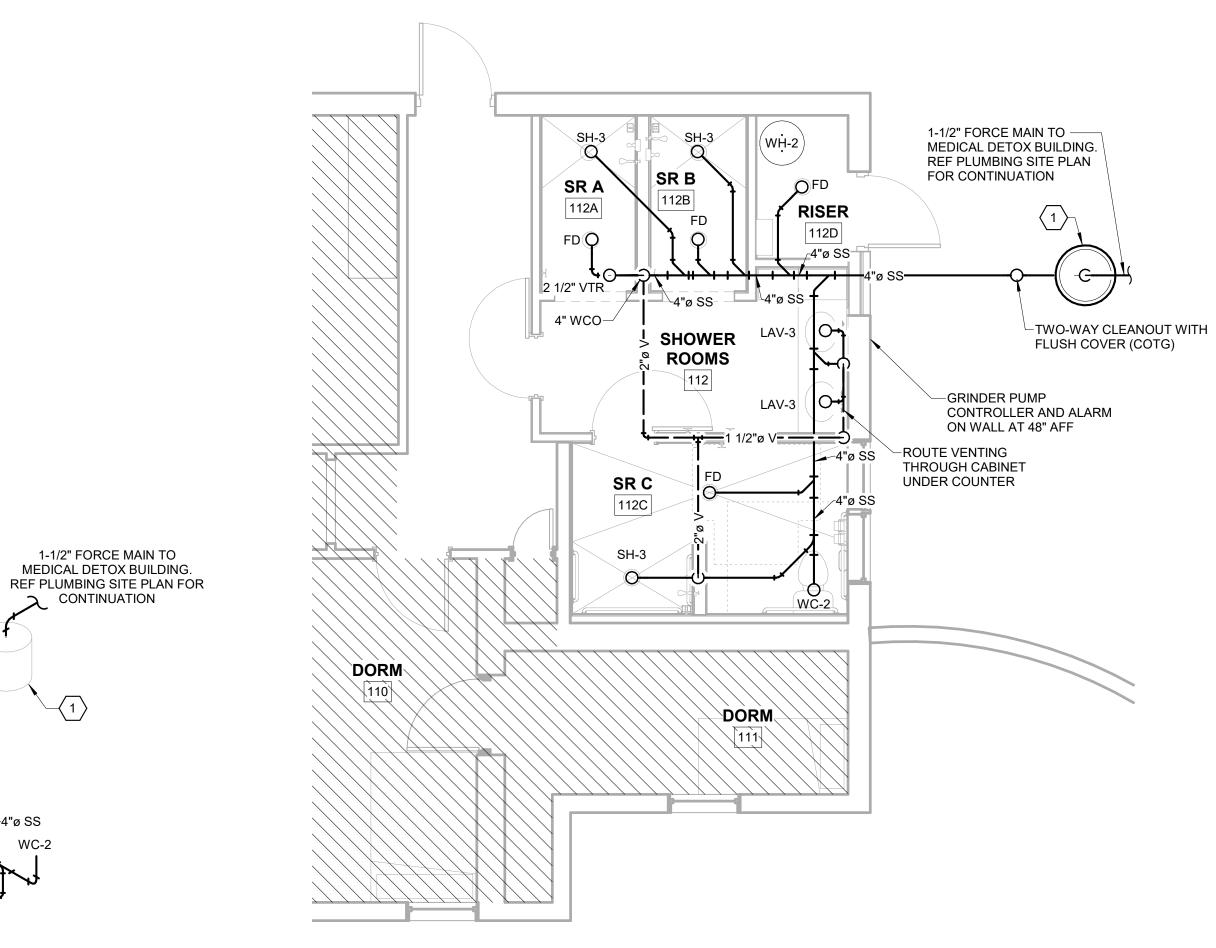
	MODEL I LOMB OTMBOLO								
$\rightarrow$	APPROXIMATE POINT OF DISCONNECTION FROM EXISTING AND DEMO START								
APPROXIMATE POINT OF CONNECTION TO EXISTING									
	PIPE OR SYSTEM TO BE DEMOLISHED								
	PIPE OR SYSTEM EXISTING TO REMAIN (LINE PATTERN VARIES PER SYSTEM TYPE)								

	PLUMBING FIXTURE SCHEDULE - WOMEN'S DORM											
MARK	FIXTURE NAME	MANUFACTURER	MODEL	DESCRIPTION	С	ONNECT	ION SIZE	` , ,				
I III/AIXIX	TIXTORE NAME	MANOTACIONEN	MODEL	BEGOTAL HOTE	COLD	HOT	WASTE	VENT				
сотс	HEAVY DUTY FLOOR CLEAN OUT	ZURN	Z1400	DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, GAS AND WATERTIGHT PVC TAPERED THREAD PLUG, ROUND SCORIATED DURA COATED CAST IRON EXTRA-HEAVY-DUTY SECURED TOP (Z).			MATCH PLANS					
FD	ADJUSTABLE FLOOR DRAIN	ZURN	Z415-BZ1	GENERAL PURPOSE FLOOR DRAIN, CAST IRON BODY COMPATIBLE WITH PLASTIC PIPE CONNECTION, COORDINATE STRAINER MATERIAL WITH ARCH/OWNER. TRAP GUARD: ZURN ZSHIELD BARRIER TRAP SEAL DEVICE FOR FLOOR DRAINS, MODEL Z1072.			2	1-1/4				
LAV-3	ADA COMPLIANT COUNTERTOP DROP-IN LAVATORY	ZURN	Z5114	20" X 17" VITREOUS CHINA COUTERTOP DROP-IN LAVATORY WITH 4" CENTER FAUCET HOLE. FAUCET: ZURN #Z7440-XL-FC, POLISHED CHROME PLATED 4" CENTERSET SINGLE CONTROL LAVATORY FAUCET WITH 5" INTEGRAL SPOUT AND TEMPERATURE LIMIT STOP, 0.5 GPM VANDAL RESISTANT AERATOR, ADA COMPLIANT LEVER HANDLE. TEMPERATURE CONTROL: ZURN #ZW3870XLT THERMOSTATIC MIXING VALVE, ASSE 1070 COMPLIANT, SET TEMPERATURE TO LESS THAN 110°F. SUPPLY KIT: PROVIDE ZURN #ZH8820-XL-LRLK-8860-12-PC LEAD FREE HEAVY-DUTY LOOSE KEY STOP AND LAVATORY SUPPLY KIT. TRAP: ZURN #Z8946-3-NT ADA COMBINATION OFFSET TRAP AND SUPPLY WRAP PROTECTOR KIT.	1/2	1/2	1-1/4	1-1/4				
RPZA-2	REDUCED PRESSURE ZONE ASSEMBLY	WILKINS	975XL3	LEAD FREE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER, CERTIFIED TO NSF/ANSI 61, NSF/ANSI 372, ASSE LISTED 1013 AND APPROVED BY THE FOUNDATION FOR CROSS CONNECTION CONTROL AT UNIVERSITY OF SOUTHERN CALIFORNIA, RATED TO 180°F, SUPPLIED WITH FULL PORT ISOLATION VALVES. INCLUDE BRONZE "Y" TYPE STRAINER AND AIR GAP ADAPTER.	TBD							
SH-3	SHOWER	ZURN	Z7301-SS-MT	ZURN Z7301-SS-MT TEMP-GARD III SHOWER UNIT WITH CERAMIC CONTROL CARTRIDGE WITH STAINLESS STEEL BALANCING PISTON, ASSE 1016 COMPLIANT, SET TEMPERATURE TO LESS THAN 120°F, 2.5 GPM. DRAIN: ZURN FD2254 ADJUSTABLE SHOWER DRAIN OR SIMILAR. DRAIN PAN: TILE AS PER ARCHITECTURAL DRAWINGS.	1/2	1/2	2	1-1/2				
WC-2	ADA COMPLIANT FLOOR MOUNTED FLUSH TANK WATER CLOSET WITH RIGHT HAND TRIP LEVER	ZURN	Z5561-RH	VITREOUS CHINA FLOOR MOUNTED, TWO PIECE TOILET, RIGHT HAND TRIP LEVER, HIGH EFFICIENCY 1.1 GPF, PRESSURE ASSISTED TANK, ELONGATED ADA HEIGHT RIM AND 12" ROUGH-IN. SEAT: ZURN #Z5955SS-EL COMMERCIAL HEAVY DUTY TOILET SEAT, ELONGATED, STANDARD WHITE, OPEN FRONT, LESS COVER, STAINLESS STEEL CHECK HINGE. SUPPLY KIT: ZURN Z8802CRLK-PC HEAVY-DUTY LOOSE KEY STOP AND CLOSET SUPPLY KIT. MISC: ZURN #Z5972-COMB CLOSET BOLT AND WAX RING KIT.								
wco	WALL CLEANOUT	BY CONTRACTOR		WALL CLEANOUT WITH PLUG AND STAINLESS STEEL COVER. MATCH SIZE TO PIPE, REF DRAWINGS.			MATCH PLANS					

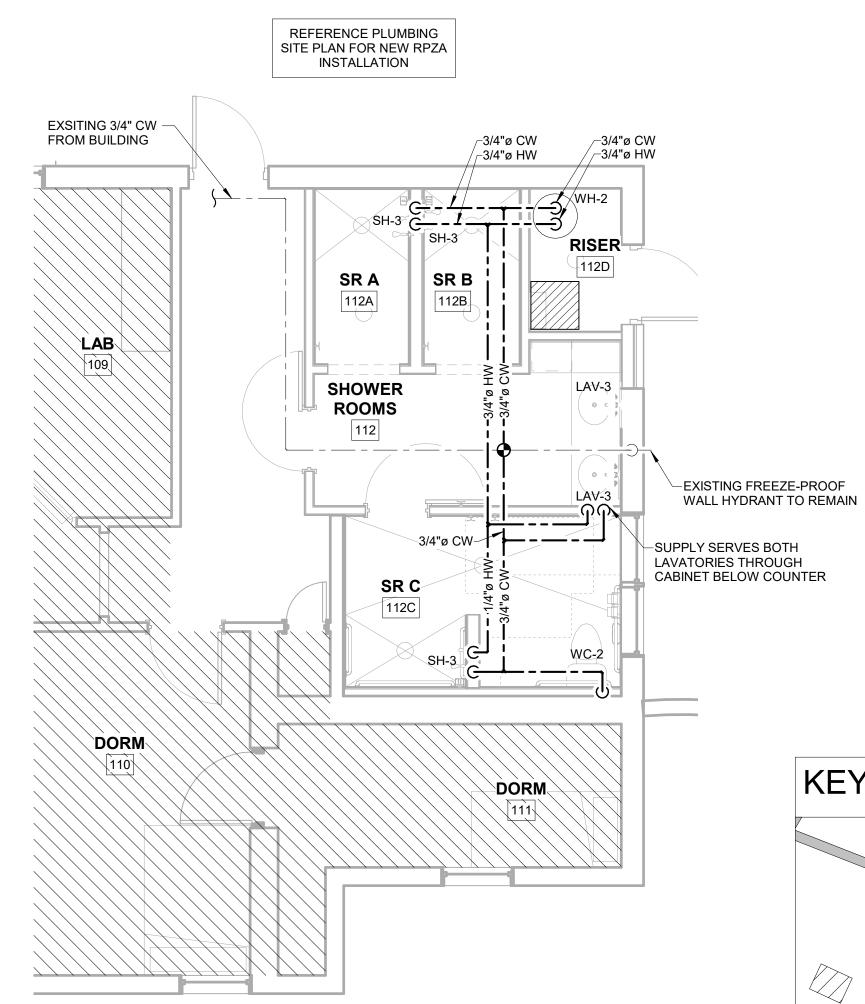
	ELECTRIC, DOMESTIC-WATER HEATER SCHEDULE														
MARK		BASIS OF DESIGN		STORAGE	RECOVERY	TEMPERATURE	POWER	HEATING ELEMENTS			ELECTRICAL DATA				
	DESCRIPTION	MANUFACTURER	MODEL	CAPACITY (GAL)	AT 80 DEG F RISE (GPH)		DEMAND (KW)	NUMBER OF ELEMENTS		NUMBER OF STAGES	VOLTS	PHASES	FLA	MCA	NOTES
WH-2	ELECTRIC, STORAGE, WATER HEATER	RHEEM	ELD66	65	81	120	6.0	1	6	1	240	1	25.0	31.2	MEETS ASHRAE ENERGY FACTOR REQUIREMENTS.



# 4 TWO-WAY CLEANOUT TO GRADE







1 PLUMBING SUPPLY PLAN - WOMEN'S DORM - 1ST FLOOR

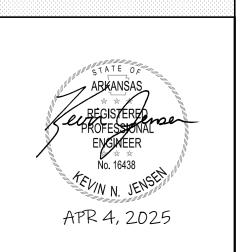
## ☐ SHEET KEYNOTES

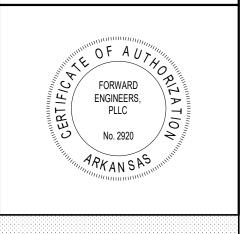
1. 240V 1PH DUPLEX GRINDER PUMP SYSTEM INSTALLED BELOW GRADE. LOCATE CONTROLLER/ALARM AS SHOWN ON PLANS OR AS REQUIRED BY MANUFACTURER. 48" x 96" BASIN WITH 4" INLET. INSTALL PER MANUFACTURER INSTRUCTIONS. PENTAIR MYERS VS20 WITH 2HP PUMP, #VS50-03, OR EQUIVALENT. VERIFY PUMP SIZING WITH MANUFACTURER.

MATCH RPZA SIZE TO EXISTING WATER LINE



Mansfield, TX | Springdale, AR level5architecture.com





PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC
MEDICAL
DETOX AND
CAMPUS
IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A
ISSUE DATE: 04/07/2025
REVISIONS:

FORWARD
ENGINEERS

801 N 24th St

(479) 282-1028

WOMEN'S DORM

**KEY LEGEND** 

Rogers, AR 72756

www.fwdengineers.com

Project Number: 250106

Drawn By: ACJ

Checked By: KNJ

SHEET NAME:

PLUMBING PLANS
WOMEN'S DORM

SHEET NUMBER:

P-203

3 PLUMBING WASTE/VENT RISER DIAGRAM - WOMEN'S DORM

TWO-WAY CLEANOUT

WITH FLUSH COVER

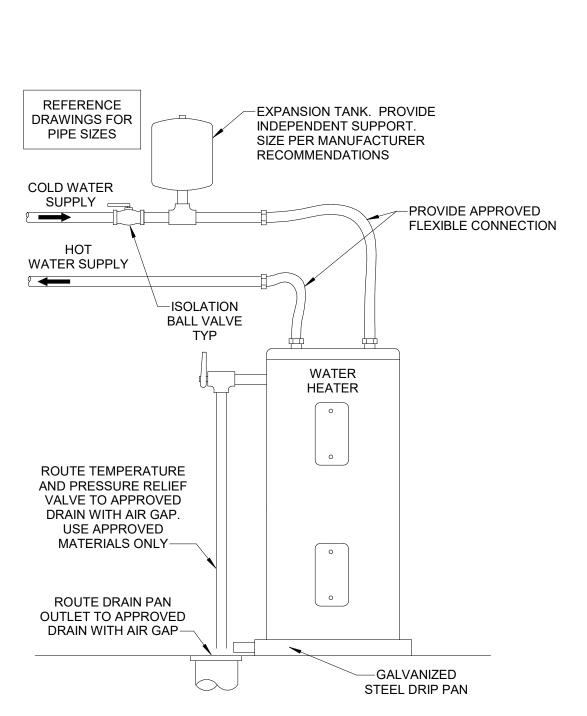
THRU NEW WALL

ON FLOOR ABOVE

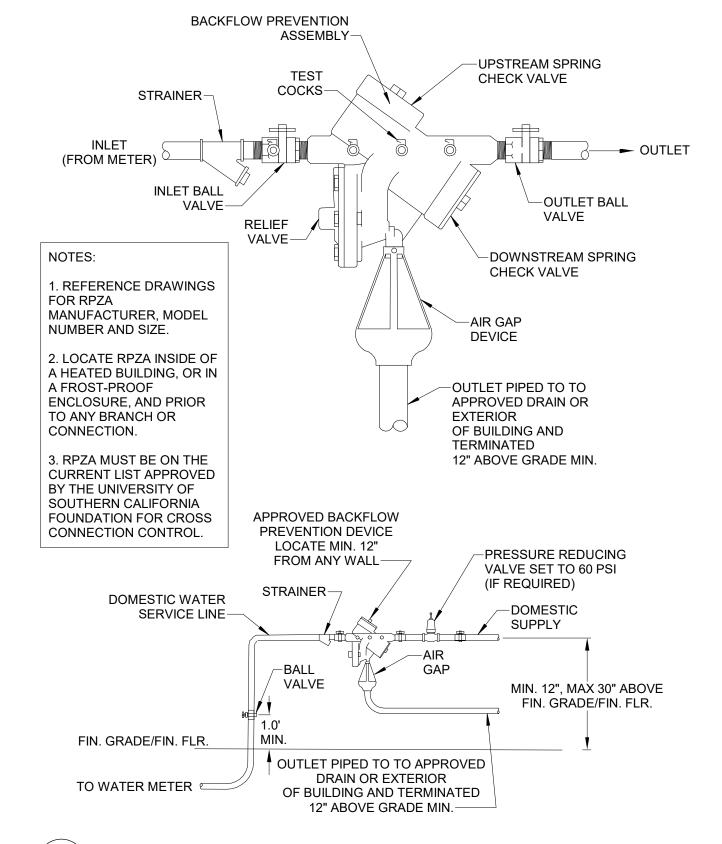
2 1/2" VTR

				PLUMBING FIXTURE SCHEDULE					
MARK	RK FIXTURE NAME MANUFACTURER MODEL DESCRIPTION		DESCRIPTION	С	ONNECTI	ON SIZE (I	N)		
IVIARA	FIXTORE NAME	WANDFACTURER	WODEL	DESCRIPTION	COLD	HOT	WASTE	VENT	
BF	IN-WALL BOTTLE FILLING STATION	ELKAY	EZWSMDK	ADA-COMPLIANT INDOOR, IN-WALL BOTTLE FILLING STATION WITH MOUNTING FRAME NON-FILTERED NON-REFRIGERATED STAINLESS, HANDS FREE OPERATION, LAMINAR FLOW, REAL DRAIN, ELECTRONIC BOTTLE FILLER SENSOR ACTIVATION, CERTIFIED TO UL 399 AND NSF/ANSI 61 & 372 (LEAD FREE). REQUIRES 120V POWER.	1/2		1-1/2	1-1/4	
ВТ	BATHTUB WITH LIGATURE RESISTANT SHOWER	AMERICAN STANDARD	2390.202	AMERICAN STANDARD PRICETON RECESS BATH, 60" X 30" X 17-1/2", SLIP-RESISTANT ASTM F-462 COMPLIANT. FAUCET: BEST CARE WH538-CSH-SRCH-CTS LIGATURE RESISTANT SHOWER AND TUB SPOUT, CHROME PLATED BRASS WITH 14 GAGE TYPE 304 STAINLESS STEEL WHITE POWDER COATED MOUNTING FLANGE, ASSE 1016 COMPLIANT MIXING VALVE, 1.5 GPM. PROVIDE ADDITIONAL DIVERTER VALVE ON SHOWER HEAD SUPPLYING ADA COMPLIANT WALL SHOWER WITH HAND HELD SHOWER, PUSHBUTTON FOR ON/OFF CONTROL WITH NON-POSITIVE SHUTOFF, 1.5 GPM FLOW CONTROL, 60" LONG STAINLESS STEEL HOSE, WITH LIGATURE RESISTANT COLLAPSIBLE MOUNTING BRACKET. DRAIN: CHROME-PLATED LIFT AND TURN DRAIN.	1/2	1/2	2	1-1/4	
FD	ADJUSTABLE FLOOR DRAIN	ZURN	Z415-BZ1	NERAL PURPOSE FLOOR DRAIN, CAST IRON BODY COMPATIBLE WITH PLASTIC PIPE CONNECTION, COORDINATE STRAINER MATERIAL WITH ARCH/OWNER. TRAP GUARD: ZURN ZSHIELD BARRIER TRAP					
HY	NON-FREEZER EXTERIOR WALL HYDRANT	ZURN	Z1320XL-NB	CASED, ECOLOTROL, LEAD-FREE, NON-FREEZE AUTOMATIC DRAINING WALL HYDRANT, INTEGRAL BACKFLOW PREVENTER WITH ANTI-SIPHON TECHNOLOGY, 3/4" MALE HOSE CONNECTION, FURNISHED TH LOCKING HINGED COVER STAMPED "WATER" AND INCLUDES OPERATING KEY, POLISHED NICKEL BRONZE FACE (-NB). PROVIDE FULL PORT ISOLATION BALL VALVE UPSTREAM IN ACCESSIBLE LOCATION, 3/DVIDE ACCESS PANEL IF REQUIRED, OATEY 34056 OR SIMILAR.					
LAV-1	ADA COMPLIANT LIGATURE RESISTANT COUNTERTOP DROP-IN LAVATORY	ZURN	Z5114	X 17" VITREOUS CHINA COUTERTOP DROP-IN LAVATORY WITH 4" CENTER FAUCET HOLE. FAUCET: BEST CARE WH3375-HC-SO, LIGATURE RESISTANT, PIEZO BUTTON MANUAL CONTROL, 4" CENTERSET, W FLOW 0.5 GPM. SUPPLY KIT: PROVIDE ZURN #ZH8820-XL-LRLK-8860-12-PC LEAD FREE HEAVY-DUTY LOOSE KEY STOP AND LAVATORY SUPPLY KIT. TRAP: ZURN #Z8946-3-NT ADA COMBINATION OFFSET 1/2 AP AND SUPPLY WRAP PROTECTOR KIT.					
LAV-2	ADA COMPLIANT WALL-HUNG LAVATORY	ZURN		20" X 18" VITREOUS CHINA WALL HUNG LAVATORY WITH 4" CENTER FAUCET HOLE. PROVIDED WITH HANGER PLATE AND HOLES FOR CONCEALED ARM CARRIER SYSTEMS. FAUCET: ZURN #Z7440-XL-FC, POLISHED CHROME PLATED 4" CENTERSET SINGLE CONTROL LAVATORY FAUCET WITH 5" INTEGRAL SPOUT AND TEMPERATURE LIMIT STOP, 0.5 GPM VANDAL RESISTANT AERATOR, ADA COMPLIANT LEVER HANDLE. SUPPLY KIT: PROVIDE ZURN #Z8946-3-NT ADA COMBINATION OFFSET TRAP AND SUPPLY WRAP PROTECTOR KIT. CARRIER: ZURN Z1231 CONCEALED ARM SYSTEM FOR WALL LAVATORIES.	1/2	1/2	1-1/2	1-1/4	
MOP	MOP SERVICE BASIN	ZURN	1996-24	MOP SERVICE BASIN 24 X 24 X 10, MOLDED HIGH DENSITY COMPOSITE BASIN, PVC DRAIN BODY, STAINLESS STEEL STRAINER AND 3" GASKETED OUTLET CONNECTION. FAUCET: ZURN CHROME PLATED SERVICE FAUCET, COMPLETE WITH VACUUM BREAKER, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK, FOUR-ARM HOT AND COLD HANDLES AND 3/4" HOSE THREAD ON SPOUT, MODEL Z1996-SF.	1/2	1/2	3	1-1/2	
RPZA-1	REDUCED PRESSURE ZONE ASSEMBLY	WILKINS	975XL3	LEAD FREE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER, CERTIFIED TO NSF/ANSI 61, NSF/ANSI 372, ASSE LISTED 1013 AND APPROVED BY THE FOUNDATION FOR CROSS CONNECTION CONTROL AT UNIVERSITY OF SOUTHERN CALIFORNIA, RATED TO 180°F, SUPPLIED WITH FULL PORT ISOLATION VALVES. INCLUDE BRONZE "Y" TYPE STRAINER AND AIR GAP ADAPTER.	2				
S1	SINGLE BOWL DROP-IN SINK	ELKAY	D11719	"DAYTON" STAINLESS STEEL 17" X 19" X 6-1/8", SINGLE BOWL DROP-IN BAR SINK, 22 GAUGE 300 SERIES STAINLESS STEEL WITH SATIN FINISH, CENTER DRAIN PLACEMENT, BOTTOM ONLY PADS. FAUCET: ELKAY EVERYDAY BAR DECK MOUNT FAUCET AND LEVER HANDLES, CHROME, FLOW RATE OF 1.5 GPM, MADE OF BRASS MATERIAL, CERAMIC DISC VALVE, MODEL LK2477CR. DRAIN: ELKAY D1125 "DAYTON" 3-1/2 IN STAINLESS STEEL DRAIN WITH REMOVABLE BASKET STRAINER AND RUBBER STOPPER.	1/2	1/2	1-1/2	1-1/4	
SH-1	LIGATURE RESISTANT SHOWER	BRADLEY	HSR10	SAFECARE LIGATURE RESISTANT SHOWERHEAD AND VALVE, POLISHED CHROME-PLATED BRASS SHOWERHEAD, 30-DEG SPRAY ANGLE, 2.0 GPM. DRAIN: ZURN FD2254 ADJUSTABLE SHOWER DRAIN FOR 2" CONNECTION. DRAIN PAN: TILE AS PER ARCHITECTURAL DRAWINGS.	1/2	1/2	2	1-1/2	
SH-2	ADA COMPIANT LIGATURE RESISTANT TRANSFER SHOWER	BRADLEY	WH538-WHCSH-WHCHS	WHITEHALL LIGATURE RESISTANT ADA COMPLIANT WALL SHOWER WITH HAND HELD SHOWER, CONICAL SHOWERHEAD WITH 1.5 GPM FLOW RATE. PROVIDE HAND HELD SHOWER WITH PUSHBUTTON FOR ON/OFF CONTROL WITH NON-POSITIVE SHUTOFF, 1.5 GPM FLOW CONTROL, 60" LONG STAINLESS STEEL HOSE, WITH LIGATURE RESISTANT COLLAPSIBLE MOUNTING BRACKET. ASSE 1016 COMPLIANT TEMPERATURE/PRESSURE BALANCE MIXING VALVE, CHROME PLATED, ADA COMPLIANT LIGATURE RESISTANT TRI-LEVER HANDLES. DRAIN: ZURN FD2254 ADJUSTABLE SHOWER DRAIN FOR 2" CONNECTION. DRAIN PAN: TILE AS PER ARCHITECTURAL DRAWINGS.	1/2	1/2	2	1-1/2	
UB	ENCASED WASHING MACHINE VALVE	ZURN	WM2961	ENCASED WASHING MACHINE VALVE, COMPLETE WITH SINGLE LEVER HANDLE VALVE, HEAVY-DUTY MOUNTING STRAPS, KNOCKOUTS FOR A RIGHT OR LEFT MOUNTING, AND A 1-1/2" X 2" TAILPIECE FOR ABS OR PVC STANDPIPE.	1/2	1/2	2	1-1/4	
WC-1	ADA COMPLIANT LIGATURE RESISTANT FLOOR MOUNTED FLUSH VALVE WATER CLOSET	BEST CARE	WH2135ADA-T-3	LIGATURE RESISTANT, VANDAL RESISTANT, ADA COMPLIANT SOLID SURFACE TOILET, HEAVY-GAGE STAINLESS STEEL, WHITE POWDER COAT, CONTRASTING INTEGRAL TOILET SEAT. FLUSH VALVE COVER: BEST CARE WH2802-SLPT-ADA-1.6 HYDRAULIC FLUSH VALVE WITH LIGATURE RESISTANT COVER, 16 GAGE TYPE 304 STAINLESS STEEL, WHITE POWDER COAT.	1-1/2		4	2	
WC-2	ADA COMPLIANT FLOOR MOUNTED FLUSH VALVE WATER CLOSET	ZURN	Z5666-BWL	VITREOUS CHINA, ADA HEIGHT, FLOOR MOUNTED, BOTTOM OUTLET TOILET WITH SIPHON JET FLUSHING ACTION AND ELONGATED FRONT RIM WITH 1-1/2" SPUD, 1.6 GALLONS PER FLUSH. VALVE: ZURN Z6000AV-WS1 AQUAVANTAGE AV EXPOSED CLOSET FLUSH VALVE, QUIET DIAPHRAGM-TYPE, CHROME PLATED FLUSHOMETER VALVE, ADA COMPLIANT, HIGH BACK PRESSURE VACUUM BREAKER, ONE PIECE HEX COUPLING NUT, ADJUSTABLE TAILPIECE, SPUD COUPLING AND FLANGE FOR TOP SPUD CONNECTION SEAT: ZURN COMMERCIAL HEAVY DUTY TOILET SEAT, ELONGATED, STANDARD WHITE, OPEN FRONT, LESS COVER, STAINLESS STEEL CHECK HINGE, ANTI-MICROBIAL PROTECTION, MODEL Z5955SS-EL-AM. MISC: PROVIDE ZURN Z5972-COMB CLOSET BOLT/WAX RING KIT.				2	
WCO	WALL CLEANOUT	BY CONTRACTOR		WALL CLEANOUT WITH PLUG AND STAINLESS STEEL COVER. MATCH SIZE TO PIPE, REF DRAWINGS.			MATCH PLANS		
YCO	YARD CLEANOUT	BY CONTRACTOR		CLEANOUT ADAPTER WITH PLUG. MATCH MATERIAL TO PIPE. MATCH SIZE TO PIPE, REF DRAWINGS.			MATCH PLANS		

	ELECTRIC, DOMESTIC-WATER HEATER SCHEDULE														
		BASIS OF D	DESIGN	STORAGE	RECOVERY	TEMPERATURE	POWER	HEA	TING ELEMEN	ITS		ELECT	TRICAL DATA	\	
MARK	DESCRIPTION	MANUFACTURER	MODEL	CAPACITY (GAL)	AT 80 DEG F RISE (GPH)			NUMBER OF ELEMENTS		NUMBER OF STAGES	VOLTS	PHASES	FLA	MCA	NOTES
WH-1	ELECTRIC, STORAGE, WATER HEATER	RHEEM	E50-27-G	50	132	140	27.0	6	4.5	1	208	3	75.0	93.8	MEETS ASHRAE ENERGY FACTOR REQUIREMENTS.

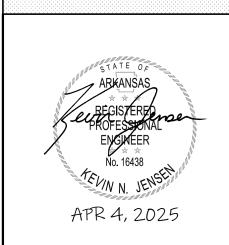


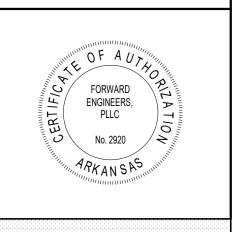




1 REDUCED PRESSURE ZONE ASSEMBLY (RPZA)







PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC MEDICAL DETOX AND CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A 04/07/2025 ISSUE DATE: **REVISIONS:** 

FORWARD

ENGINEERS

801 N 24th St

KEY LEGEND

-MEDICAL DETOX

BUILDING

Rogers, AR 72756 (479) 282-1028

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Project Number: 250106

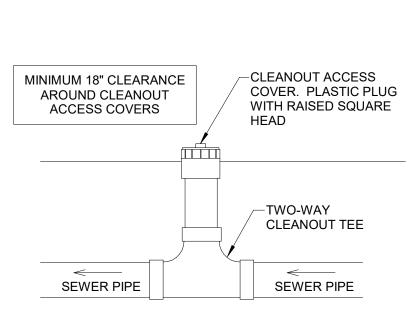
Drawn By: BLG

Checked By: KNJ

SHEET NAME: **PLUMBING** 

SCHEDULES & **DETAILS** MEDICAL DETOX BUILDING

SHEET NUMBER: 4/4/2025 2:26:23 PM



3 TWO-WAY YARD CLEANOUT



801 N 24th St Pro Rogers, AR 72756 (479) 282-1028 www.fwdengineers.com

KEY LEGEND

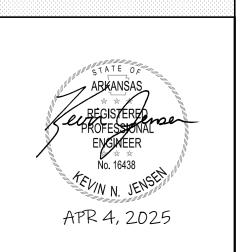
Project Number: 250106 Drawn By: BLG Checked By: KNJ

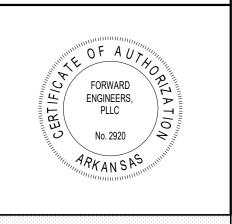
 208V 3PH DUPLEX GRINDER PUMP SYSTEM INSTALLED BELOW GRADE. LOCATE CONTROLLER/ALARM AS SHOWN ON PLANS OR AS REQUIRED BY MANUFACTURER. 48" x 96" BASIN WITH 4" INLET. INSTALL PER MANUFACTURER INSTRUCTIONS. PENTAIR MYERS VS50 WITH 5HP PUMP, #VS50-03, OR EQUIVALENT. VERIFY PUMP SIZING WITH MANUFACTURER.



Level 5 Architecture

Mansfield, TX | Springdale, AR
level5architecture.com





PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC
MEDICAL
DETOX AND
CAMPUS
IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

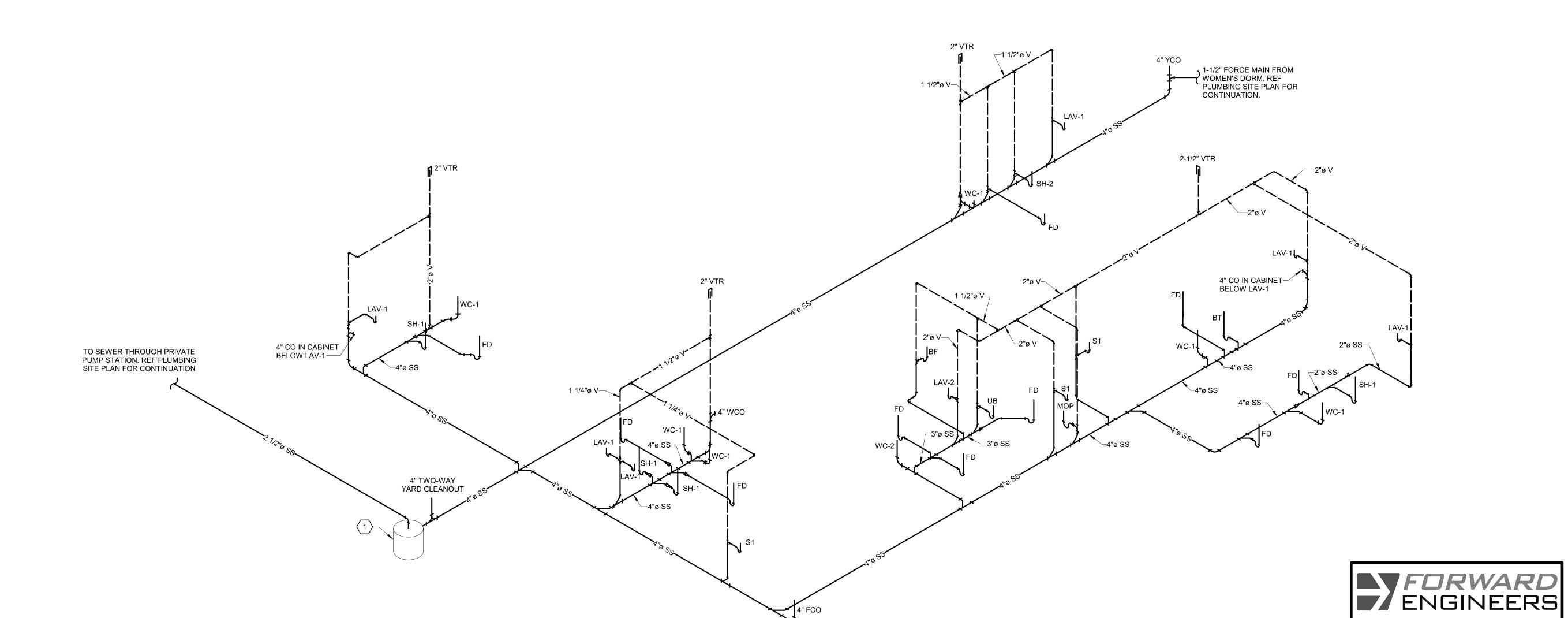
PROJECT NUMBER: 23-20A
ISSUE DATE: 04/07/2025
REVISIONS:

SHEET NAME:

PLUMBING WASTE/VENT RISER MEDICAL DETOX BUILDING

SHEET NUMBER:

P\_901



1 PLUMBING WASTE/VENT RISER DIAGRAM - MEDICAL DETOX BUILDING

#### COMMUNICATIONS **GENERAL NOTES**

- 1. ALL WIRING SHALL BE IN COMPLIANCE WITH ARTICLE 760 OF THE ENFORCED VERSION OF THE NATIONAL ELECTRIC CODE (NFPA 70), THE NATIONAL FIRE ALARM CODE (NFPA 72), AND LOCAL BUILDING AND FIRE CODES.
- 2. THESE DRAWINGS AND NOTES DO NOT CONSTITUTE A FULLY DESIGNED DATA NETWORK. FINAL DESIGN, EQUIPMENT SPECIFICATION AND INSTALLATION IS TO BE COMPLETED BY
- 3. EXISTING CONDITIONS ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND ENGINEER SITE SURVEY. CONTRACTOR TO VERIFY RELEVANT CONDITIONS PRIOR TO BIDDING. ENGINEER PROVIDES NO GUARANTEE OF ACCURACY OF THESE ELEMENTS.
- 4. ALL NETWORK DEVICES AND EQUIPMENT IN DEMOLISHED WALLS ARE TO BE REMOVED. COORDINATE WITH OWNER FOR THE DECOMISSIONING AND REMOVAL OF DATA DEVICES. EQUIPMENT AND DEVICES NOT SHOWN ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED
- 5. ALL WIRE TO BE REMOVED SHALL BE REMOVED IN ITS ENTIRETY, INCLUDING FITTINGS, MOUNTING DEVICES, MOUNTING HARDWARE, ETC. PROVIDE BLANK COVER PLATES FOR ALL OPENED OUTLET BOXES CREATED BY THE REMOVAL OF THE EQUIPMENT AND/OR DEVICES.
- 6. COORDINATE WITH GENERAL CONTRACTOR THE REMOVAL AND REPLACEMENT OF ALL EXISTING CEILINGS, WALLS, FLOORS, ETC AS REQUIRED FOR DEMOLITION WORK.
- 7. EXISTING CONDUIT, WIRE, FIXTURES AND EQUIPMENT, NOT TO BE RELOCATED OR DESIGNATED TO BE TURNED OVER TO THE OWNER, SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS.
- 8. COORDINATE WITH OWNER FOR ALL REQUIRED OUTAGES.

#### **GENERAL LOW-VOLTAGE/DATA SCOPE OF WORK:**

ELECTRICAL CONTRACTOR TO PROVIDE TELECOM BACKBOARD AND ROUGH-IN FOR DATA NETWORK DEVICES.

ELECTRICAL CONTRACTOR TO PROVIDE AND RUN CAT6 CABLES FROM ROUGH-IN LOCATIONS TO DATA/IT ROOM. LEAVE 2'-0" AT FUTURE OUTLET OR DEVICE AND 20'-0" AT DATA/IT ROOM FOR CONNECTION TO OWNER IT EQUIPMENT.

OWNER WILL PROVIDE DATA EQUIPMENT AND DATA JACK PLATES. OWNER WILL BE RESPONSIBLE FOR ALL DATA DEVICES AND WIRE TERMINATIONS.

#### **ACCESS CONTROL GENERAL NOTES**

- 1. ALL WIRING SHALL BE IN COMPLIANCE WITH ARTICLE 760 OF THE ENFORCED VERSION OF THE NATIONAL ELECTRIC CODE (NFPA 70), THE NATIONAL FIRE ALARM CODE (NFPA 72), AND LOCAL BUILDING AND FIRE CODES.
- 2. THESE DRAWINGS AND NOTES DO NOT CONSTITUTE A FULLY DESIGNED ACCESS CONTROL SYSTEM. FINAL DESIGN, EQUIPMENT SPECIFICATION AND INSTALLATION IS TO BE COMPLETED BY
- 3. EXISTING CONDITIONS ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND ENGINEER SITE SURVEY. CONTRACTOR TO VERIFY RELEVANT CONDITIONS PRIOR TO BIDDING. ENGINEER PROVIDES NO GUARANTEE OF ACCURACY OF THESE ELEMENTS.
- 4. ALL NETWORK DEVICES AND EQUIPMENT IN DEMOLISHED WALLS ARE TO BE REMOVED. COORDINATE WITH OWNER FOR THE DECOMISSIONING AND REMOVAL OF DATA DEVICES. EQUIPMENT AND DEVICES NOT SHOWN ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED
- 5. ALL WIRE TO BE REMOVED SHALL BE REMOVED IN ITS ENTIRETY, INCLUDING FITTINGS, MOUNTING DEVICES, MOUNTING HARDWARE ETC. PROVIDE BLANK COVER PLATES FOR ALL OPENED OUTLET BOXES CREATED BY THE REMOVAL OF THE EQUIPMENT AND/OR DEVICES.
- 6. COORDINATE WITH GENERAL CONTRACTOR THE REMOVAL AND REPLACEMENT OF ALL EXISTING CEILINGS, WALLS, FLOORS, ETC AS REQUIRED FOR DEMOLITION WORK.
- 7. EXISTING CONDUIT, WIRE, FIXTURES AND EQUIPMENT, NOT TO BE RELOCATED OR DESIGNATED TO BE TURNED OVER TO THE OWNER, SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS.
- 8. COORDINATE WITH OWNER FOR ALL REQUIRED OUTAGES.

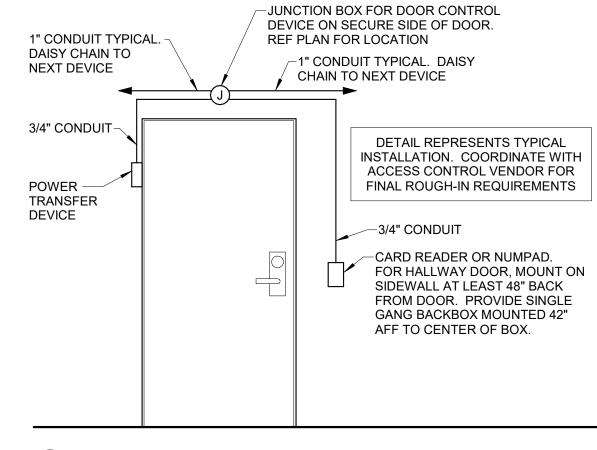
#### **GENERAL ACCESS CONTROL SCOPE OF WORK:**

ELECTRICAL CONTRACTOR TO PROVIDE ROUGH-IN FOR ACCESS CONTROL DEVICES. REFERENCE ACCESS CONTROL DETAIL FOR ROUGH-IN REQUIREMENTS.

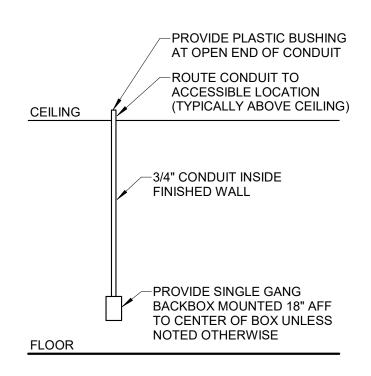
ELECTRICAL CONTRACTOR TO PROVIDE AND RUN CAT6 CABLES FROM ROUGH-IN LOCATIONS TO DATA/IT ROOM. LEAVE 2'-0" AT FUTURE OUTLET OR DEVICE AND 20'-0" AT DATA/IT ROOM FOR CONNECTION TO OWNER IT EQUIPMENT.

ELECTRICAL CONTRACTOR TO PROVIDE DEDICATED 120V POWER AT LOCATION OF ACCESS CONTROL PANEL. VERIFY FINAL LOCATION WITH

OWNER WILL CONTRACT DIRECTLY WITH ACCESS CONTROL VENDOR FOR SYSTEM INSTALLATION. OWNER'S VENDOR WILL BE RESPONSIBLE FOR ALL ACCESS CONTROL DEVICES AND WIRE TERMINATIONS.



ACCESS CONTROL DIAGRAM



TYPICAL LOW VOLTAGE ROUGH-IN



DATA NETWORK & SECURITY PLAN - MEDICAL DETOX BUILDING

1/8" = 1'-0"

#### 

- 1. PROVIDE 4'X8' 3/4" PLYWOOD BACKBOARD ON WALL FOR OWNER'S IT EQUIPMENT WITH DEDICATED QUADRUPLEX OUTLET. VERIFY SIZE OF BACKBOARD AND EQUIPMENT REQUIREMENTS WITH OWNER.
- 2. PROVIDE 2-GANG RECESSED WALL BOX WITH DUPLEX RECEPTACLE AND LOW VOLTAGE OUTLET BEHIND WALL MOUNTED TELEVISION. VERIFY FINAL LOCATION AND MOUNTING HEIGHT WITH OWNER. COORDINATE WITH TV MOUNT. LEGRAND SANUS SAL-IWP1 OR

FORWARD
ENGINEERS

Project Number: 250106

Drawn By: XXX

Checked By: KNJ

801 N 24th St

(479) 282-1028

**KEY LEGEND** 

-MEDICAL DETOX BUILDING

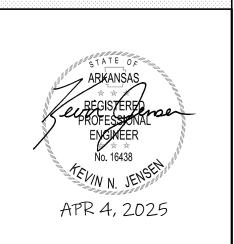
Rogers, AR 72756

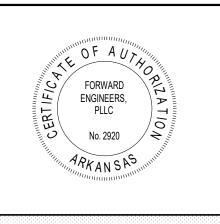
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WIRELESS ACCES POINT. VERIFY LOCATION WITH OWNER.



level5architecture.com





PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC. INC **MEDICAL DETOX AND** CAMPUS IMPROVEMENTS

65 ARVAC LN RUSSELLVILLE, AR 72802

PROJECT NUMBER: 23-20A 04/07/2025 ISSUE DATE: **REVISIONS:** 

SHEET NAME:

DATA NETWORK & SECURITY MEDICAL DETOX BUILDING

SHEET NUMBER:

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#### GENERAL FA NOTES

- ALL WIRING SHALL BE IN COMPLIANCE WITH ARTICLE 760 OF THE ENFORCED VERSION OF THE NATIONAL ELECTRIC CODE (NFPA 70), THE NATIONAL FIRE ALARM CODE (NFPA 72), AND LOCAL BUILDING AND FIRE CODES.
- THESE DRAWINGS AND NOTES ARE PRELIMINARY AND DO NOT CONSTITUTE A FULLY DESIGNED FIRE ALARM SYSTEM. FINAL DESIGN, DEVICE LAYOUT AND WIRING IS TO BE COMPLETED BY INSTALLING CONTRACTOR.
- 3. AC INPUT POWER TO THE FIRE ALARM SYSTEM POWER SUPPLY REQUIRES A DEDICATED SINGLE PHASE, 20 AMP, 120 VOLT CIRCUIT WITH GROUND. MARK THESE CIRCUITS "FIRE ALARM". REFERENCE ELECTRICAL PLANS FOR LOCATION AND CIRCUIT ASSIGNMENT. (EXISTING TO REMAIN)
- 4. SMOKE DETECTORS AND HEAT DETECTORS SHALL BE LOCATED AT LEAST 3' FROM AN AIR REGISTER AND AT LEAST 4" FROM THE WALL.
- 5. ALL VISUAL NOTIFICATION DEVICES SHALL BE SYNCHRONIZED.
- 6. ALL WIRING TO BE LABELED.
- 7. MINIMUM CONDUIT SIZE SHALL BE 3/4 INCH TRADE SIZE, UNLESS NOTED OTHERWISE. EQUIPMENT ENCLOSURE TYPES SHALL BE SUITABLE FOR THE ENVIRONMENT IN WHICH THEY ARE INSTALLED.
- 8. THE INSTALLATION OF RACEWAYS, CABLE TRAYS OR OTHER EQUIPMENT MAY BECOME AN OBSTACLE TO OTHER TRADES. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL FIRE ALARM WORK WITH OTHER TRADES TO AVOID INTERFERENCES.
- 9. ALL FIREWALL & MEMBRANE PENETRATIONS SHALL BE AS PER ALL NATIONAL, STATE AND LOCAL CODES.
- 10. DEVICE ROUGH-IN REQUIREMENTS:
- A. MANUAL PULL STATIONS SINGLE GANG BOX OR 4" SQUARE BOX WITH A SINGLE GANG PLASTER RING.
- B. SMOKE DETECTORS 4" SQUARE BOX WITH ROUND PLASTER RING. USE A 2-1/8" DEEP BOX WITH AN EXTENSION RING AND NO PLASTER RING IF THE SMOKE DETECTOR HAS AN INTEGRAL AUDIBLE ALARM.
- C. HEAT DETECTORS 4" SQUARE BOX WITH ROUND PLASTER
- D. MONITOR, CONTROL, AND RELAY MODULES 4" SQUARE BOX 2-1/8" DEEP WITH AN EXTENSION RING.
- E. MINI MONITOR MODULES 4" SQUARE BOX WITH BLANK COVER.
   F. STROBE HORNS/CHIMES AND STROBE LIGHTS SINGLE GANG BOX OR 4" SQUARE BOX WITH A SINGLE OR DOUBLE GANG PLASTER RING. THE PLASTER RING MAY BE DELETED FOR SURFACE MOUNT INSTALLATIONS.
- G. SPEAKERS AND SPEAKER STROBES 4" SQUARE BOX 2-1/8" DEEP WITH AN EXTENSION RING.
- H. DOOR HOLDERS SINGLE GANG BOX OR 4" SQUARE BOX WITH A SINGLE GANG PLASTER RING.
- 11. EQUIPMENT ELEVATIONS:
- A. CONTROL UNITS 72" AFF TO TOP OF CABINET.

  B. ANNUNCIATORS 60" AFF TO CENTER UNE OF THE (
- B. ANNUNCIATORS 60" AFF TO CENTERLINE OF THE CABINET.
   C. MANUAL PULL STATIONS 42" 48" TO THE OPERATING HANDLE OF THE DEVICE. USE SWITCH HEIGHT IF IN THESE PARAMETERS.
- D. AUDIBLE VISUAL DEVICES 80" AFF OR 6" BELOW THE CEILING TO THE CENTERLINE OF THE OUTLET BOX WHICHEVER IS
- LOWER.

  E. VISUAL DEVICES 80" AFF OR 6" BELOW THE CEILING TO THE
- CENTERLINE OF THE OUTLET BOX WHICHEVER IS LOWER.

  F. AUDIBLE DEVICES 90" AFF OR 6" BELOW THE CEILING TO THE

CENTERLINE OF THE OUTLET BOX WHICHEVER IS LOWER.

#### FIRE ALARM SYMBOLS

FIRE	ALARM SYMBOLS										
FACP	FIRE ALARM CONTROL PANEL										
FAAP	FIRE ALARM ANNUNCIATOR PANEL										
F	FIRE ALARM PULL STATION										
S	SMOKE DETECTOR										
H	HEAT DETECTOR										
<u>©</u>	CARBON MONOXIDE DETECTOR										
SD	DUCT MOUNTED SMOKE DETECTOR										
DE	FIRE ALARM VOICE EVACUATION (SPEAKER)										
DØ	HORN/STROBE (CEILING MOUNT)										
(3)	STROBE (CEILING MOUNT)										
	HORN/STROBE (WALL MOUNT)										
	STROBE (WALL MOUNT)										

# GENERAL FIRE SUPPRESSION NOTES

- 1. VERIFY LOCATIONS AND DIMENSIONS OF ALL ARCHITECTURAL, CIVIL AND STRUCTURAL ELEMENTS AS SHOWN ON THEIR RESPECTIVE DOCUMENTS, THESE ELEMENTS ARE SHOWN FOR REFERENCE AND SHALL BE VERIFIED PRIOR TO CONSTRUCTION AND THE ENGINEER ASSUMES NO LIABILITY FOR THE ACCURACY OF THESE ELEMENTS.
- 2. FIRE SUPPRESSION SYSTEMS SHALL BE INSTALLED AND TESTED USING MATERIALS AND PROCEDURES IN ACCORDANCE WITH ALL STATE AND LOCAL CODES, LAWS AND/OR REGULATIONS AND AUTHORITIES HAVING JURISDICTION. SHOULD THERE BE ANY DIRECT CONFLICT BETWEEN CODES AND THE DRAWINGS AND/OR SPECIFICATIONS, THE CODES, LAWS OR REGULATIONS SHALL GOVERN. ALL MATERIAL, EQUIPMENT INSTALLATION AND OPERATION SHALL BE IN FULL COMPLIANCE WITH MANUFACTURER'S SPECIFICATION AND REQUIREMENTS.
- 3. CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES AND FEES REQUIRED BY STATE AND LOCAL AUTHORITIES INCLUDING CONNECTION FEES FOR UTILITY HOOKUPS. ALL WORK SHALL BE INSPECTED AS REQUIRED BY THE AUTHORITY HAVING JUNIOR FURNISH INSPECTION AND APPROVAL LETTERS TO
- 4. ALL WORK AND MATERIALS ARE SUBJECT TO FIELD OBSERVATION AT ANY TIME BY OWNER'S REPRESENTATIVE.
- 5. ALL EQUIPMENT SHALL BE NEW UNLESS NOTED OTHERWISE AND PROVIDED COMPLETE WITH ALL ACCESSORIES, HANGERS, SUPPORTS AND CONTROLS FOR A FULLY FUNCTIONING SYSTEM REGARDLESS OF PRESENCE ON PLANS.
- 6. PROVIDE AN APPROVED FIRE STOP ASSEMBLY FOR ANY PIPING PENETRATING RATED ASSEMBLIES.
- 7. FINAL FIRE SUPPRESSION SYSTEM DESIGN IS TO BE COMPLETED BY INSTALLING CONTRACTOR.
- 8. CONTRACTOR MAY SUBMIT ALTERNATE DESIGN OPTIONS FOR CONSIDERATION BY GENERAL CONTRACTOR IF SPECIFIED EQUIPMENT, MATERIALS AND/OR METHODS WOULD REQUIRE UNDO COST OR BE IN CONFLICT WITH INDUSTRY BEST PRACTICES.

#### **GENERAL FIRE SUPPRESSION SCOPE OF WORK:**

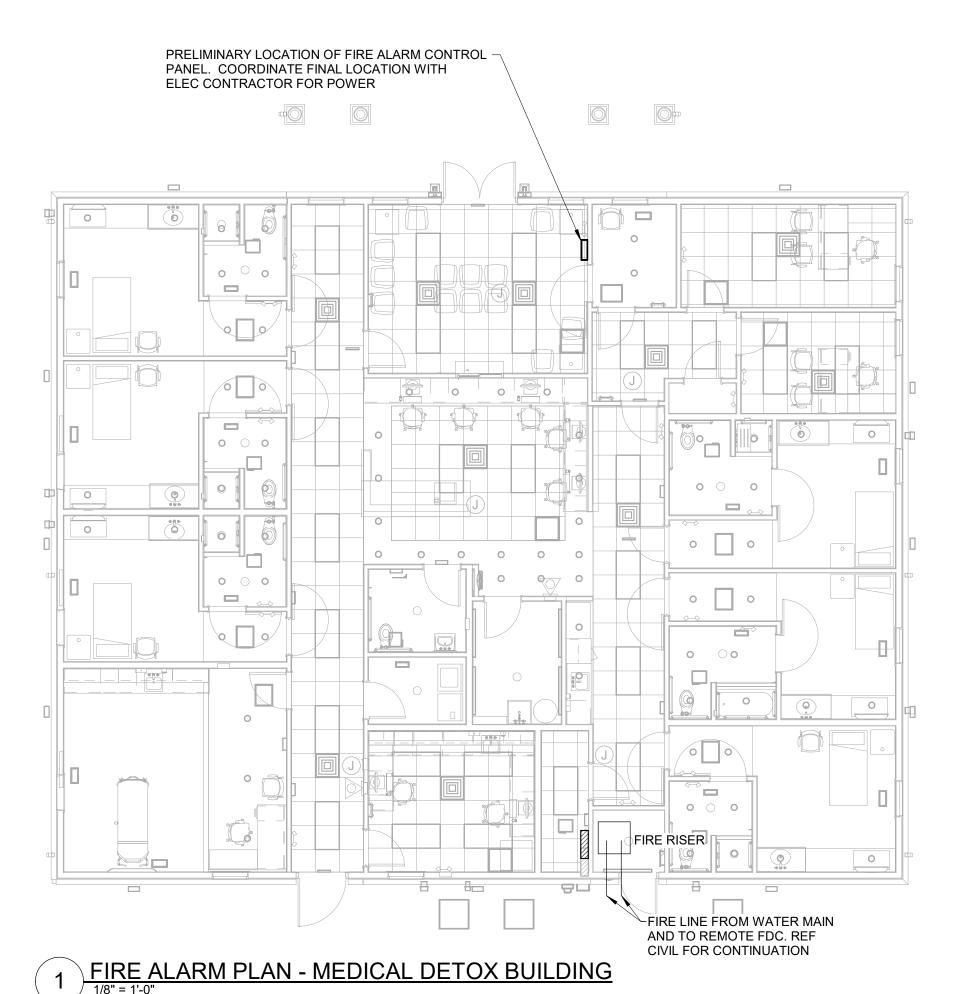
A WET-PIPE FIRE SUPPRESSION SYSTEM IS TO BE INSTALLED.
DESIGN IS DEFERRED TO INSTALLING CONTRACTOR. INSTALLER TO
PROVIDE COMPLETE DESIGN, DEVICES AND INSTALLATION. DEVICE
LOCATIONS, IF SHOWN ON PLAN, ARE PRELIMINARY.

#### GENERAL FIRE ALARM SCOPE OF WORK:

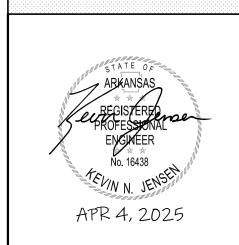
FIRE ALARM DESIGN IS DEFERRED TO INSTALLING CONTRACTOR. INSTALLER TO PROVIDE COMPLETE FIRE ALARM DESIGN, DEVICES AND INSTALLATION. DEVICE LOCATIONS, IF SHOWN ON PLAN, ARE PRELIMINARY.

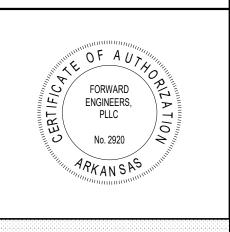
ELECTRICAL CONTRACTOR TO PROVIDE DEDICATED 120V POWER AT LOCATION OF FIRE ALARM CONTROL PANEL. VERIFY FINAL LOCATION WITH FIRE ALARM INSTALLER. CIRCUIT SHALL BE LABELED AT PANEL WITH RED MARKER INDICATING "FIRE ALARM CIRCUIT". BREAKER SHALL BE FIRE ALARM BREAKER OR PROVIDED WITH BREAKER LOCK.

DEVICES SHALL BE LABELED WITH ADDRESS.









PROJECT INFORMATION:

ARVAC, INC ATTN: AMANDA ATKINSON

ARVAC, INC
MEDICAL
DETOX AND
CAMPUS
IMPROVEMENTS

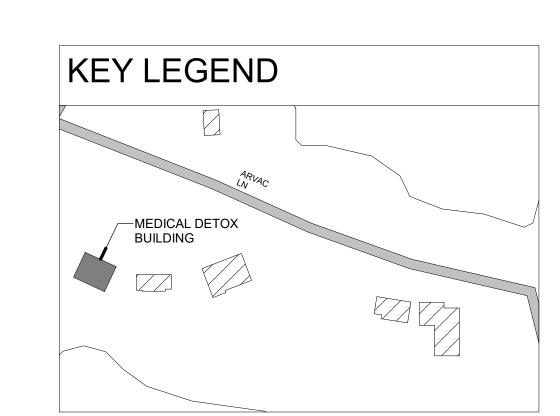
65 ARVAC LN RUSSELLVILLE, AR 72802

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REVISIONS:

801 N 24th St Project Number: 250106 Rogers, AR 72756 Drawn By: XXX (479) 282-1028 Checked By: KNJ www.fwdengineers.com

FORWARD

ENGINEERS



SHEET NAME:

FIRE SUPPRESSION AND ALARM PLAN MEDICAL DETOX BUILDING

SHEET NUMBER:

F-201

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#### REMODEL FA NOTES

- 1. EXISTING CONDITIONS ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND ENGINEER SITE SURVEY. CONTRACTOR TO VERIFY RELEVANT CONDITIONS PRIOR TO START OF WORK. ENGINEER PROVIDES NO GUARANTEE OF ACCURACY OF THESE ELEMENTS.
- 2. NEW EQUIPMENT OR REPLACEMENT PARTS FOR LEGACY (NOT IN PRODUCTION) SYSTEMS MAY BE UNAVAILABLE OR UNPRACTICAL TO SOURCE. CONTRACTOR TO NOTIFY ARCHITECT OF EQUIPMENT SOURCING ISSUES AND MAY PROPOSE ALTERNATIVES TO PROVIDE A COMPLETE AND WORKING SYSTEM MEETING ALL BUILDING CODE REQUIREMENTS.
- 3. EXISTING FIRE ALARM DEVICES MAY BE REUSED AFTER THOROUGH INSPECTION AND REPAIR (IF REQUIRED) TO ENSURE A COMPLETE AND PROPER WORKING SYSTEM.
- 4. CONNECT NEW DEVICES TO EXISTING CONTROL PANEL.
- 5. ALL FIRE ALARM DEVICES AND EQUIPMENT IN DEMOLISHED WALLS ARE TO BE REMOVED. REVISE FIRE ALARM SYSTEM AS REQUIRED TO KEEP EXISTING TO REMAIN DEVICES AND EQUIPMENT IN SERVICE. EQUIPMENT AND DEVICES NOT SHOWN ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED
- 6. ALL WIRE TO BE REMOVED SHALL BE REMOVED IN ITS ENTIRETY, INCLUDING FITTINGS, MOUNTING DEVICES, MOUNTING HARDWARE, ETC. PROVIDE BLANK COVER PLATES FOR ALL OPENED OUTLET BOXES CREATED BY THE REMOVAL OF THE EQUIPMENT AND/OR DEVICES.
- 7. COORDINATE WITH GENERAL CONTRACTOR THE REMOVAL AND REPLACEMENT OF ALL EXISTING CEILINGS, WALLS, FLOORS, ETC AS REQUIRED FOR DEMOLITION WORK.
- 8. EXISTING CONDUIT, WIRE, FIXTURES AND EQUIPMENT, NOT TO BE RELOCATED OR DESIGNATED TO BE TURNED OVER TO THE OWNER, SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS.
- 9. COORDINATE WITH OWNER FOR ALL REQUIRED OUTAGES.
- 10. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.

#### GENERAL FIRE SUPPRESSION SCOPE OF WORK:

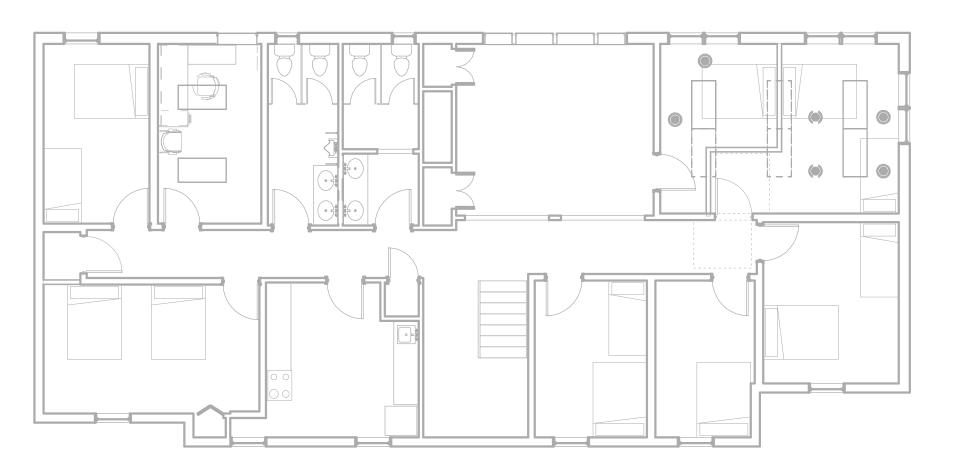
A WET-PIPE FIRE SUPPRESSION SYSTEM IS TO BE INSTALLED.
DESIGN IS DEFERRED TO INSTALLING CONTRACTOR. INSTALLER TO PROVIDE COMPLETE DESIGN, DEVICES AND INSTALLATION. DEVICE LOCATIONS, IF SHOWN ON PLAN, ARE PRELIMINARY.

#### GENERAL FIRE ALARM SCOPE OF WORK:

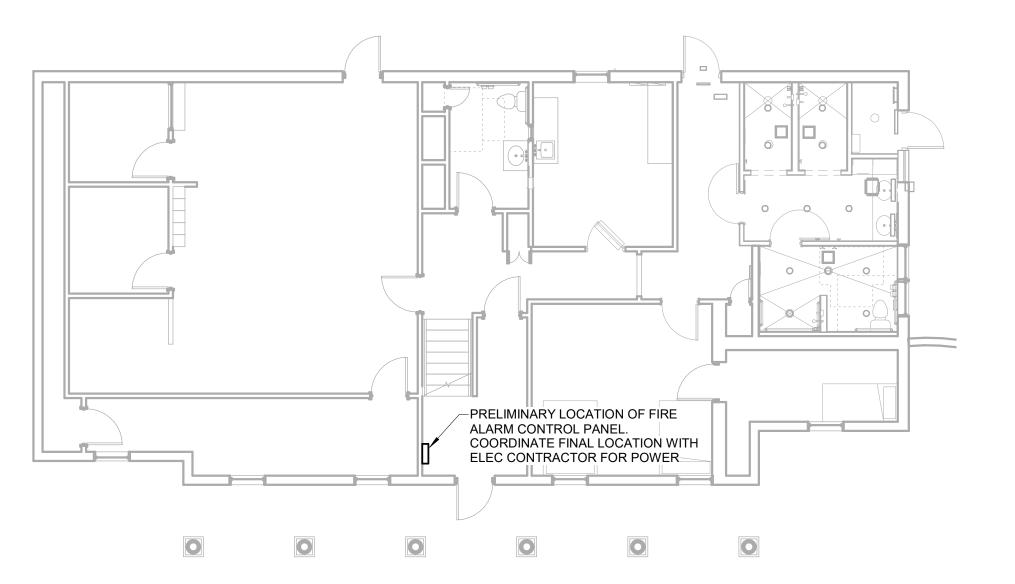
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DEVICES SHALL BE LABELED WITH ADDRESS.

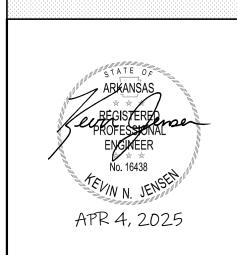


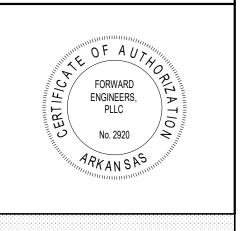
## 2 FIRE ALARM PLAN - WOMEN'S DORM - 2ND FLOOR



1 FIRE ALARM PLAN - WOMEN'S DORM - 1ST FLOOR







PROJECT INFORMATION:

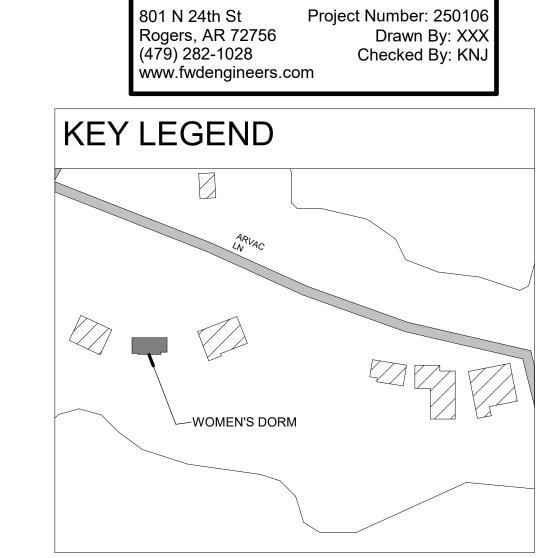
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65 ARVAC LN RUSSELLVILLE, AR 72802

FORWARD ENGINEERS

801 N 24th St Rogers, AR 72756 Drawn By: XXX Checked By: KNJ



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FIRE SUPPRESSION
AND ALARM PLAN
WOMEN'S DORM

SHEET NUMBER:

F-202

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