LEBANON READINESS CENTER REPAIRS TO INTERIOR / EXTERIOR Lebanon, Missouri

OWNER:

STATE OF MISSOURI

MIKE KEHOE, GOVERNOR

DEPARTMENT OF MISSOURI NATIONAL GUARD

DDOIECT NILIMDED.

PROJECT MANAGEMENT:

OFFICE OF ADMINISTRATION

DIVISION OF FACILITIES MANAGEMENT,

DESIGN AND CONSTRUCTION

DESIGNER:

DAKE WELLS ARCHITECTURE

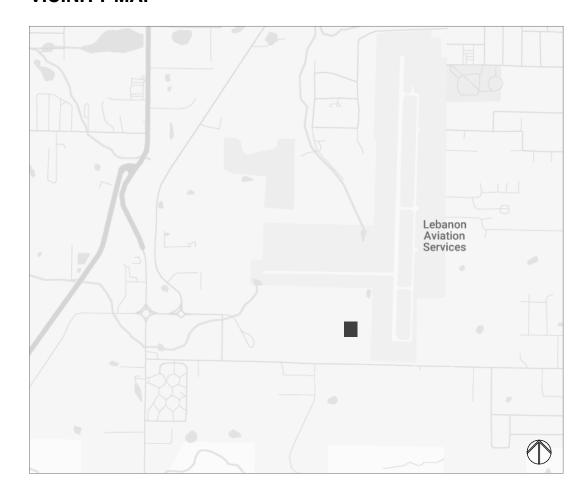
TRUE ENGINEERING

PROJECT NUMBER: T2507-01

SITE NUMBER: 6286

FACILITY NUMBER: 8136286002

VICINITY MAP



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PROJECT TEAM







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MISSOURI NATIONAL
GUARD

LEBANON READINESS CENTER - REPAIRS TO INTERIOR / EXTERIOR

301 WEST FREMONT LEBANON, MISSOURI, 65536

PROJECT # T2507-01 SITE # 6286 FACILITY # 8136286002

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE: 11/07/2025

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DRAWN BY: EW
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DESIGNED BY: EW/CS

SHEET TITLE:
TITLE SHEET /
GENERAL INFO

SHEET NUMBER:

G-001

CONCRETE NOTES

- CONCRETE FOR FOUNDATIONS, FOOTINGS AND INTERIOR SLABS ON GRADE SHALL BE AS FOLLOWS: 28-DAY COMPRESSIVE STRENGTH: 3500 PSI MAXIMUM WATER TO CEMENT RATIO: 0.52
- CONCRETE FOR EXTERIOR USES, SIDEWALKS, RETAINING WALLS, BASEMENT WALLS, AND EXTERIOR SLABS ON GRADE SHALL BE AS FOLLOWS: 28-DAY COMPRESSIVE STRENGTH: 4000 PSI MAXIMUM WATER TO CEMENT RATIO: 0.45
- AIR-ENTRAINMENT: AIR-ENTRAINING ADMIXTURE SHALL CONFORM TO
- ASTM C260. NO LIME SAND FINE AGGREGATE MAY BE USED IN CONCRETE EXPOSED TO WEATHER, VIEW, OR IN HORIZONTAL APPLICATIONS.

APPROVED MEANS TO PROPERLY LOCATE

- ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60 WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. LAP FABRIC 9" ON SIDES AND ENDS. MAINTAIN WIRE 1" TO 2" BELOW TOP SURFACE OF SLABS ON GRADE. PROVIDE CHAIRS. BOLSTERS OR OTHER
- REINFORCING. IF ADDITIONAL FLOWABILITY IS REQUIRED FOR PLACEMENT OF ANY CONCRETE MIX, A WATER-REDUCING ADDITIVE CONFORMING TO ASTM C494 TYPE A, D, E OR F SHALL BE USED. NO ADDITIONAL WATER MAY BE ADDED TO THE MIX AT THE SITE. SLUMP FOR CONCRETE CONTAINING WATER-REDUCING OR HIGH-RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 8" AFTER ADMIXTURE
- IS ADDED TO CONCRETE WITH A 2"-4" SLUMP. INTERIOR SLABS SHALL HAVE SMOOTH TROWELED FINISH AND EXTERIOR SLABS SHALL HAVE LIGHT BROOM FINISH, UNO. ALL SLABS SHALL HAVE A CURING COMPOUND COMPLYING WITH ASTM C309 APPLIED TO SURFACE EXCEPTIONS ARE WHERE FLOOR FINISHES REQUIRE SCRATCH FINISH AND WHERE CURING COMPOUNDS ARE NOT COMPATIBLE
- WITH ADHESIVES, ETC. CONTRACTOR SHALL COORDINATE ALL CONCRETE SEALERS, CURING COMPOUNDS, ETC TO ENSURE COMPATIBILITY WITH FLOORING ADHESIVES FOR FLOORING INDICATED IN THE FLOOR PLANS AND
- FLOOR FINISH PLANS AS APPLICABLE. TESTING OF FRESH CONCRETE SHALL BE DONE BY A QUALIFIED TESTING LABORATORY RETAINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. TESTING SHALL INCLUDE:
- AIR CONTENT
- CONCRETE TEMPERATURE 28 DAY COMPRESSIVE STRENGTH NOTE ANY WATER OR ADMIXTURES ADDED ON-
- REFER TO ASTM C172 AND C94. PERFORM ONE SLUMP AND ONE AIR CONTENT TEST FOR EACH DAYS POUR AND ADDITIONAL TESTS WHEN THE CONCRETE CONSISTENCY SEEMS TO HAVE CHANGED IN THE OPINION OF THE INSPECTOR. REFER TO ASTM C143, C173 AND C231. PERFORM TEMPERATURE TESTS HOURLY WHEN THE AMBIENT AIR TEMPERATURE IS BELOW 40 DEGREES F OR ABOVE 80 DEGREES F AND ONE TEMPERATURE TEST FOR EACH SET OF COMPRESSIVE-STRENGTH SPECIMENS. REFER TO ASTM C1064. PERFORM ONE COMPRESSIVE-STRENGTH TEST FOR EACH DAYS POUR AND AN ADDITIONAL TEST FOR EACH 50 CUBIC YARD MORE THAN THE FIRST 25 CUBIC YARD. TEST ONE SPECIMEN AT 7 DAYS AND 2 SPECIMENS AT 28 DAYS. REFER TO ASTM C31 AND C39.
- CONCRETE FOR GROUTING MASONRY UNITS IS SPECIFIED IN CONCRETE MASONRY UNIT NOTES. WHERE FOOTINGS, WALLS, OR OTHER STRUCTURAL ELEMENTS INTERSECT, CORNER OR TEE, PROVIDE CORNER BARS WITH REQUIRED LAP LENGTHS TO
- PROVIDE CONTINUITY OF HORIZONTAL STEEL REINFORCING UNO. PROVIDE A MINIMUM OF 3" COVER FOR ANCHOR BOLTS AND LOCATE HORIZONTAL REINFORCEMENT TO THE OUTSIDE FOR ANCHOR BOLT CONTAINMENT,
- PROVIDE TEMPORARY SHORING AND BRACING OF ALL STRUCTURAL AND MISCELLANEOUS ELEMENTS UNTIL CONCRETE HAS OBTAINED 80% OF DESIGN STRENGTH AND ALL PERMANENT BRACING ELEMENTS ARE
- PROVIDE CONTROL JOINTS IN SLABS ON GRADE AT APPROXIMATELY 10 FEET ON CENTER IN EACH DIRECTION. JOINTS SHALL FORM NEARLY SQUARE SHAPES. CONTRACTOR SHALL COORDINATE JOINT LOCATIONS WITH TILE LAYOUT AS SHOWN IN THE FLOOR PLANS AND FLOOR FINISH PLANS AS
- WHERE DOWELS, BOLTS OR INSERTS ARE CALLED TO BE ANCHORED TO CAST IN PLACE OR PRECAST CONCRETE ELEMENTS USING EPOXY ADHESIVES, USE ANCHORAGE SYSTEM EQUAL TO "HILTI" HIT RE 500 INJECTION ADHESIVE FOLLOW ALL MANUFACTURERS RECOMMENDATIONS. ALTERNATE ANCHORAGE SYSTEMS MAY BE USED WITH ENGINEER'S PRIOR APPROVAL
- SAWN CONTROL JOINTS SHALL BE PLACED AS SOON AS CONCRETE IS ABLE TO BE SAWN WITHOUT PULLING OUT AGGREGATE FROM FLOOR. SLABS SHALL NOT BE LEFT OVERNIGHT, OR ANY REASONABLE AMOUNT OF TIME, WITHOUT SAWING JOINTS. WEATHER IS CRITICAL TO SCHEDULE OF SAWN JOINTS. IF LARGE AREAS OF SLAB ARE POURED AT ONE TIME, SEVERAL SAWS MAY BE REQUIRED TO PROVIDE JOINTS IN TIME TO PREVENT SHRINKAGE CRACKING. PROPER JOINTING OF SLAB IS CRITICAL. REFER TO ACI MANUAL OF CONCRETE PRACTICE FOR PROPER JOINTING TECHNIQUES.
- DETAILING, MATERIALS AND INSTALLATION OF CONCRETE REINFORCING STEEL SHALL MEET REQ. AS SET FORTH BY CRSI AND THE AMERICAN CONCRETE INSTITUTE AND THE APPLICABLE BUILDING CODE. SHOP DRAWINGS SHALL BE SUBMITTED INDICATING COMPLETE INFORMATION REQUIRED FOR CONSTRUCTION OF THE REINFORCED CONCRETE ELEMENTS. SHOP DRAWINGS SHALL INCLUDE
- PROCEDURES AND SEQUENCES ETC. WHEN PLACING CONCRETE IN HOT WEATHER, REFER TO ACI 301, WHEN PLACING CONCRETE IN COLD WEATHER, REFER TO ACI 306.1.

LAYOUT AND DIMENSIONS OF REINFORCING INCLUDING ANY OPENINGS, CONVENTIONAL REINFORCEMENT DETAILS, CONNECTION DETAILS,

MEANS AND METHODS

- DESIGN LOADINGS AND STRUCTURAL ANALYSIS IS BASED ON CODE PRESCRIBED LOADS FOR THE
- COMPLETED STRUCTURE. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION. THIS STRUCTURE IS DESIGNED TO BE STABLE AS A COMPLETE WHOLE. ANY AND ALL TEMPORARY BRACES AND SHORING REQUIRED TO RESIST ALL
- AND SUPPLIED BY THE CONTRACTOR. HEAVY LOADS THAT EXCEED 75% OF ALLOWABLE LIVE LOADS SHOWN ON THE PLANS. FOR TEMPORARY FOUIPMENT CONSTRUCTION MATERIALS, OR OTHER LOADS NOT SHOWN IN THE CONTRACT DOCUMENTS, SHALL NOT BE PLACED OR SUPPORTED FROM ELEVATED STRUCTURE WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL

LOADS DURING CONSTRUCTION SHALL BE DESIGNED

CONCRETE MASONRY UNIT NOTES

ON PLANS. I'm SHALL BE 1.500 PSI

- CONCRETE MASONRY UNITS (CMU's) SHALL COMPLY WITH ASTM C-90 WITH NET AREA COMPRESSIVE STRENGTH OF 1,900 PSI. STANDARD WEIGHT UNITS SHALL BE USED BELOW GRADE. SIZES AS INDICATED
- MORTAR SHALL BE TYPE "S" WITH COMPRESSIVE STRENGTH EQUAL TO 1,800 PSI, EXCEPT BELOW GRADE TYPE "M" SHALL BE USED WITH COMPRESSIVE STRENGTH EQUAL TO 2,500 PSI, UNO. MIX MORTAR FROM TYPE I PORTLAND CEMENT (TYPE III MAY BE USED FOR COLD WEATHER CONSTRUCTION), HYDRATED LIME (ASTM C-207), AND AGGREGATE (ASTM C-144). ALL CELLS BELOW GRADE AND ALL CELLS TO
- RECEIVE STEEL REINFORCING SHALL BE GROUTED SOLID. ADDITIONAL CELLS TO RECEIVE GROUT ARE SHOWN IN DETAILS. CONCRETE GROUT USED TO FILL VOIDS SHALL CONSIST OF CEMENT, 3/8 INCH AGGREGATE, AND FINE AGGREGATE. MASONRY MORTAR SHALL NOT
- BE USED WHERE GROUT IS CALLED FOR. ALTERNATE MIX DESIGNS WILL BE CONSIDERED IF SUBMITTED TO THE ENGINEER FOR APPROVAL. CONCRETE GROUT USED TO FILL VOIDS SHALL BE AS
- FOLLOWS: MAX. WATER/CEMENT RATIO BY WEIGHT SHALL BE 0.54.
- WATER-REDUCING ADMIXTURE MEETING ASTM C-494 SHALL BE USED TO PROVIDE SUFFICIENT FLOWABILITY TO READILY FILL VOIDS W/ A REASONABLE AMOUNT OF RODDING. NO
- ADDITIONAL WATER WILL BE ALLOWED TO IMPROVE FLOWABILITY AGGREGATE SHALL BE WELL-GRADED, 3/8" SIZE
- ALTERNATE MIX MUST SHOW SUFFICIENT FLOWABILITY CHARACTERISTICS AND A 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI. MAX. HEIGHT OF GROUT POUR SHALL NOT EXCEED
- 4'-0" UNLESS CLEANOUT AND INSPECTION HOLE IS PROVIDED AT BOTTOM OF VOID WHERE VERTICAL REINFORCING INTERSECTS

AND SMALLER.

- HORIZONTAL REINFORCING, BOTH SHALL BE CONTINUOUS. HORIZONTAL REINFORCING SHALL BE CONTINUOUS AT CORNERS WITH BEND OR SHALL HAVE CORNER BARS WITH EACH LEG EQUAL TO REQUIRED LAP
- HOOKED VERTICAL DOWEL BARS SHALL BE PLACED INTO FOUNDATION AT ALL LOCATIONS WHERE VERTICAL REINFORCING IS SPECIFIED FOR WALLS OR COLUMNS. DOWELS SHALL BE SAME SIZE AS VERTICAL REINFORCING. DOWEL EMBEDMENTS AND HOOK LENGTHS SHALL BE PER THE CHART ON THE THIS SHEET. LENGTH OF DOWELS SHALL BE ADEQUATE TO ALLOW SPLICE WITH VERTICAL BARS AS INDICATED HEREIN WHERE SPLICES ARE REQUIRED. USE 48 BAR DIAMETERS OR 1'-6" MIN. LAP FOR ALL BARS EXCEPT JAMB REINFORCING (VERTICAL REINFORCING IN END CELLS OF WALL AND NEXT TO OPENINGS) WHICH SHALL LAP 60 BAR
- DIAMETERS OR 2'-0" MIN. HORIZONTAL BOND BEAMS SHALL BE PROVIDED AT WINDOW SILLS, TOP OF WALL, TOP OF WALL OPENINGS, STRUCTURALLY CONNECTED ROOF AND FLOOR LEVELS, THE TOP OF PARAPETS AND AS CALLED FOR IN PLANS AND NOTES. ADDITIONAL BOND BEAMS SHALL BE LOCATED AS REQUIRED SO SPACING DOES NOT EXCEED 8'-0" O.C. BOND BEAMS ABOVE AND BELOW WALL OPENINGS SHALL EXTEND 2'-0" MINIMUM BEYOND THE FACE OF OPENING UNLESS NOTED OTHERWISE. REINFORCE BOND BEAMS AS FOLLOWS:
- 8" CMU: (1) #5 BAR CONTINUOUS 12" CMLL (2) #5 BARS CONTINUOUS HORIZONTAL BOND BEAMS PARALLEL WITH ROOF SLOPE SHALL STEP TO MATCH ROOF SLOPE. LAP BOND BEAM 2'-0" AT STEP LOCATIONS AND PROVIDE
- #5 "Z" DOWELS BETWEEN BOND BEAMS. GROUT AND REINFORCE ALL VERTICAL CORNER CELLS, ALL VERTICAL END CELLS, AND ONE CELL EACH SIDE OF ALL OPENINGS UNLESS SPECIFICALLY NOTED OTHERWISE AS FOLLOWS: • 8" CMU: (1) #5 BAR
- 12" CMU: (2) #5 BARS GROUT ALL MASONRY SOLID FULL-HEIGHT AT ALL ELEVATOR SHAFTS AND STAIR TOWERS. 4. MASONRY WALLS SHALL HAVE HORIZONTAL JOINTS
- REINFORCED WITH 9-GAGE TRUSS TYPE JOIN REINFORCEMENT AT 16" O.C. PROVIDE VERTICAL REINFORCEMENT AS FOLLOWS UNLESS NOTED OTHERWISE ON THE PLANS:
- 8" CMU: #5 BARS AT 32" O.C. 12" CMU: (2) #5 BARS AT 32" O.C. ALL MASONRY WALLS OVER 8'-0" TALL SHALL BE CONNECTED TO THE STRUCTURE ABOVE AT 4'-0" O.C. MAX. TYPICAL CONNECTION SHALL BE 3 5/8" x 18 GA. STRUCTURAL LGSF STUDS. EXTEND STUDS FROM TOP OF WALL TO STRUCTURE ABOVE AT APPROXIMATELY A 45 DEGREE ANGLE. CONNECT STUD TO BOND BEAM AT TOP OF MASONRY WALL WITH (1) 3/8" DIA. x 2 1/2" EMBEDMENT KWIK BOLT III EXPANSION ANCHOR. CONNECT STUD TO
- STRUCTURE ABOVE WITH 3" OF 1/8" FILLET WELD OR (2) #10 TEK SCREWS. WHERE DOWELS, BOLTS OR INSERTS ARE CALLED TO BE ANCHORED TO CMU USING EPOXY ADHESIVES. USE ANCHORAGE SYSTEM EQUAL TO "HILTI" HIT-HY 270 INJECTION ADHESIVE, PROVIDE THE MANUFACTURER'S STANDARD SCREEN TUBES AT UNGROUTED CELLS, FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS. ALTERNATE ANCHORAGE
- SYSTEMS MAY BE USED WITH ENGINEER'S PRIOR APPROVAL REFER TO TYPICAL CMU CONTROL JOINT DETAIL FOR REINFORCING AT VERTICAL CONTROL JOINTS. COORDINATE LOCATIONS AND SPACING WITH THE
- ARCHITECTURAL PLANS. ALL LOAD BEARING MASONRY WALLS SHALL BE LAID IN A RUNNING BOND PATTERN, UNLESS OTHERWISE

F. INTERIOR WALLS AND PARTITIONS

STRUCTURAL STEEL NOTES

- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SECTIONS: W AND WT SHAPES - A992 OR A572 GR 50
 - M, HP, S, AND ST SHAPES A36 ANGLES, CHANNELS, PLATES AND BAR STOCK - STEEL PIPE - A53 GR.B OR A500 GR.B, Fy=42ksi STEEL TUBING - A500 GR.B, Fy=46ksi
 - ANCHOR BOLTS ASTM F1554, GRADE 36 DETAILS OUTLINE BASIC CONNECTION TYPES. BEAM TO BEAM AND BEAM TO COLUMN CONNECTIONS NOT DETAILED IN DRAWINGS SHALL BE SIZED BY STEEL DETAILER AS STANDARD AISC, TYPE 2, BEARING CONNECTIONS CAPABLE OF SUPPORTING REACTIONS DEVELOPED BY MAXIMUM UNIFORM LOAD CAPACITY ON A SIMPLE SPAN FOR BEAM AND
 - BEAM SPAN GIVEN. STEEL SHALL BE DETAILED, FABRICATED AND ERECTED ACCORDING TO ALL APPLICABLE SECTIONS OF THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION, ASD.
 - HEAVY LOADS THAT EXCEED 75% OF ALLOWABLE LIVE LOADS SHOWN ON THE PLANS FOR TEMPORARY EQUIPMENT. CONSTRUCTION MATERIALS, OR OTHER LOADS NOT SHOWN IN THE CONTRACT DOCUMENTS, SHALL NOT BE PLACED OF SUPPORTED FROM ELEVATED STRUCTURE WITHOUT PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
 - PERFORM ALL WELDING WITH E70 XX ELECTRODE UNLESS NOTED OTHERWISE OR UNLESS REQUIRED FOR SPECIAL CONNECTIONS. WELDING OF STRUCTURAL MEMBERS SHALL BE

PERFORMED BY CERTIFIED WELDERS AND WELDING

WELDING CODE" OF THE AMERICAN WELDING SOCIETY (AWS D1.1). FIELD CUTTING, DRILLING OR OTHER MODIFICATION OF STRUCTURAL STEEL COMPONENTS IS NOT PERMITTED WITHOUT WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER. WHERE BEAM PENETRATIONS CANNOT BE AVOIDED OR WHERE CUTTING IS REQUIRED. CONTRACTOR SHALL SUBMIT TO THE ENGINEER ALL PERTINENT INFORMATION

INCLUDING PENETRATION SHAPE, SIZE, LOCATION,

AND METHOD OF CUTTING THE OPENINGS.

SHALL BE IN ACCORDANCE WITH "STRUCTURAL

EXISTING DIMENSIONS & CONDITIONS

THIS PROJECT CONSISTS OF AN ADDITION AND/OR MODIFICATIONS TO AN EXISTING BUILDING. INFORMATION ON EXISTING CONDITIONS, WHEN AVAILABLE, HAS BEEN TAKEN FROM THE ORIGINAL DESIGN DRAWINGS. THESE DRAWINGS WERE ASSUMED TO BE "AS-BUILT" DRAWINGS. SOME EXISTING CONDITIONS ARE INACCESSIBLE OR HIDDEN FROM VIEW AND CONDITIONS MAY BE DISCOVERED DURING CONSTRUCTION THAT VARY FROM THE ANTICIPATED CONDITIONS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL **FXISTING DIMENSIONS SHOWN ON THESE DRAWINGS** AND TO VERIFY THE LOCATION OF ALL FRAMING MEMBERS AND ANY OBSTRUCTIONS WHICH WILL AFFECT THE WORK. AS A PART OF THE WORK, THE CONTRACTOR SHALL PREPARE AN ACCURATE FIELD SURVEY OF THE LOCATION OF ALL STRUCTURAL MEMBERS AND ANY OBSTRUCTIONS IN THE WORK AREA PRIOR TO BEGINNING SHOP DRAWINGS AND CONSTRUCTION. THIS SURVEY SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER WITH ANY VARIANCES

CONCRETE GENERAL REPAIR NOTES

- REPAIR LOCATIONS AND TYPES ARE INDICATED ON
- THE PLAN SHEETS. REPAIR DETAILS ARE INDICATED IN THE
- CONSTRUCTION DOCUMENTS. UNLESS OTHERWISE PRE-APPROVED BY THE OWNER AND THE ENGINEER OF RECORD, ALL LOADS OTHER THAN PERMANENT DEAD LOADS SHALL BE REMOVED FROM THE INFLUENCE AREA OF THE REPAIR. THIS INCLUDES LIVE LOADS, TRANSIENT LOADS ETC. AREA SHALL BE BLOCKED OFF DURING REPAIR, INCLUDING
- ANY REQUIRED CURING TIME THROUGH FIELD OBSERVATIONS, IF ADDITIONAL LOCATIONS REQUIRING REPAIR ARE DISCOVERED DURING THE CONSTRUCTION WORK, THE ENGINEER OF RECORD SHOULD BE CONTACTED TO REVIEW AND RECOMMEND APPROPRIATE REMEDIATION
- PROCEDURES. PRIOR TO BEGINNING THE WORK CONTRACTOR SHALL PROVIDE ALL SHORING AND BRACING NECESSARY FOR THE SAFE INSTALLATION OF THE REPAIRS CONTRACTOR SHALL REMOVE FROM OVERHEAD
- LOCATIONS ALL LOOSE CONCRETE, TEMPORARY FORMWORK ETC THAT COULD POSE A FALLING HAZARD CONCRETE SHALL BE REMOVED TO SOUND CONCRETE. CONCRETE SHALL BE REMOVED WITH
- HANDHELD CHIPPING HAMMERS 15 LB MAXIMUM. WHERE CORROSION ON REINFORCING IS DISCOVERED, CONCRETE SHALL BE REMOVED TO FULLY EXPOSE THE PERIMETER OF THE REINFORCING A MINIMUM OF 3/4" ALL AROUND. IF REINFORCING IS DAMAGED DURING THE DEMOLITION PROCESS IT SHALL BE FULLY EXPOSED AS IF IT WERE CORRODED. SURFACES SHALL BE PREPARED TO
- ROUGHNESS/SMOOTHNESS AS REQUIRED BY THE MANUFACTURER FOR THE PATCHING MATERIAL. . FINAL FINISHED SURFACE TEXTURE SHALL MATCH
- ADJACENT FINISHED SURFACES PREPARE SUBSTRATE AND PATCH IN ACCORDANCE W/ MER's SPECIFICATIONS. PATCHING REPAIR MORTAR SHALL BE SIKAREPAIR 223/223 OR EQUIVALENT. CONTRACTOR SHALL SUBMIT PATCH
- MATERIAL FOR APPROVAL 2. VAPOR BARRIER: 15 MIL., (ASTM E1745 CLASS A)

5 PSF

LO	ADING	TABLE AND CODE INFORMATION		
1.	DESI	GN CODE	IBC 2021	
	RISK	CATEGORY	II	
2.	DEA	D LOADS		
	A.	TYPICAL ROOF DEAD LOAD	20	PSF
	В.	CMU WALL DEAD LOAD	SELF WEIGHT	PSF
3.	COLI	LATERAL LOADS		
	A.	TYPICAL ROOF COLLATERAL LOAD	5	PSF
4.	LIVE	LOADS		
	A.	TYPICAL ROOF LIVE LOAD	20	PSF
5.	SNO'	W LOAD		
	A.	FLAT ROOF SNOW LOAD w/ RAIN-ON-SNOW (p_f)	20	PSF
	В.	GROUND SNOW LOAD (p_g)	20	PSF
	C.	EXPOSURE FACTOR (C _e)	1.0	
	D.	THERMAL FACTOR (C _t)	1.0	
	E.	IMPORTANCE FACTOR (I_s)	1.0	
	F.	DRIFT	PER CODE	
6.	WINE	D LOAD DESIGN CRITERIA		
	A.	ULTIMATE DESIGN WIND SPEED (V _{ult})	108	MPH
	В.	EXPOSURE CATEGORY	С	
	C.	DIRECTIONALITY FACTOR (K _d)	0.85	
	D.	TOPOGRAPHIC FACTOR (K _{zt})	1.0	
	E.	INTERNAL PRESSURE COEFFICIENT (GC _{pi})	+/- 0.18	

STATEMENT OF SPECIAL INSPECTIONS

- SPECIAL INSPECTIONS ARE REQUIRED FOR THIS STRUCTURE IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE FOR THE ITEMS NOTED IN THE TABLE ON THIS SHEET. TESTING SHALL BE PERFORMED BY A QUALIFIED TESTING LABORATORY RETAINED BY THE
- CONTRACTOR AND APPROVED BY THE ENGINEER.
- A LETTER OF SUBSTANTIAL COMPLETION SHALL BE SUBMITTED TO THE OWNER BY THE SPECIAL INSPECTION PROVIDER PRIOR TO THE FINAL INSPECTION.

AIS	C 360-	-10 REQUIRED VERIFICATION AND INSPECTION OF	STEEL CONST	RUCTION	DEFEDENCED
VEF	RIFICA	ATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD
1.		ERIAL VERIFICATION OF HIGH-STRENGTH BOLTS,	NUTS AND WAS	SHERS:	
		IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	_	х	APPLICABLE AST MATERIAL SPECIFICATIONS AISC 360, SECTIO A3
		MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	_	Х	_
2.	INSP	ECTION OF HIGH-STRENGTH BOLTING:			
	Α.	BEARING-TYPE CONNECTIONS.	_	Х	AISC 360, SECTIO N5.6
	В.	SLIP-CRITICAL CONNECTIONS.	X	Х	AISC 360, SECTIO N5.6, TABLES N5.6 2 & 3
3.	MAT	ERIAL VERIFICATION OF STRUCTURAL STEEL:			
		IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	_	_	ASTM A 6 OR AST A 568
		MANUFACTURERS' CERTIFIED MILL TEST REPORTS.	_	_	ASTM A 6 OR ASTM A 568
4.	MAT	ERIAL VERIFICATION OF WELD FILLER MATERIALS	S:		_
		IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	_	_	AISC 360, SECTIO A3.5
		MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	_	_	_
5.	INSP	ECTION OF WELDING:			AISC 360 SECTION N5.4, TABLES N5.4 2 & 3
	A.	STRUCTURAL STEEL:			
		a. COMPLETE AND PARTIAL PENETRATION GROOVE WELDS.	х	_	
		b. MULTIPASS FILLET WELDS.	Х	_	AWS D1.1
		c. SINGLE-PASS FILLET WELDS > 5/16	X	_	
		d. SINGLE-PASS FILLET WELDS ≤ 5/16	_	X	
		e. FLOOR AND ROOF DECK WELDS.	_	Х	AWS D1.3
		REINFORCING STEEL: a. VERIFICATION OF WELDABILITY OF REINF			
		STEEL OTHER THAN ASTM A 706.	_	Х	AWS D1.4 OR AC
		b. REINFORCING STEEL-RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND SHEAR REINFORCEMENT.	×	_	318: 26.6.4
		c. SHEAR REINFORCEMENT.	X	_	_
		d. OTHER REINFORCING STEEL.	_	Х	_
6.	DET	PECTION OF STEEL FRAME JOINT AILS FOR COMPLIANCE WITH APPROVED STRUCTION DOCUMENTS:			
	A.	DETAILS SUCH AS BRACING AND STIFFENING.	_	Х	AISC 360 SECTIO N5.8
	B.	MEMBER LOCATIONS.	_	_	110.0
		APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	_	_	
RFC	JUIRE	D VERIFICATION AND INSPECTION OF STEEL CON	ISTRUCTION OT	HER THAN S	STRUCTURAL STEE
		RIFICATION AND INSPECTION	CONTINUOU		IC REFERENCE
1.	MAT	ERIAL VERIFICATION OF COLD-FORMED STEEL DE	 ECK:		STANDARD
	Α.	IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	_	х	APPLICABLE ASTM MATERI STANDARDS
	В.	MANUFACTURER'S CERTIFIED TEST REPORTS	 	X	
2.	INSF	ECTION OF WELDING:			·
	A.	COLD-FORMED STEEL DECK:			
		a. FLOOR AND ROOF DECK WELDS. REINFORCING STEEL:	_	Х	AWS D1.3
		a VERIFICATION OF WELDARILITY OF			

a. VERIFICATION OF WELDABILITY OF

c. SHEAR REINFORCEMENT.

d. OTHER REINFORCING STEEL

REINF STEEL OTHER THAN ASTM A 706.

REINFORCING STEEL RESISTING FLEXURAL

AND AXIAL FORCES IN INTERMEDIATE AND

SPECIAL MOMENT FRAMES, AND BOUNDARY

ELEMENTS OF SPECIAL STRUCTURAL WALLS

OF CONCRETE AND SHEAR REINFORCEMENT.

AWS D1.4

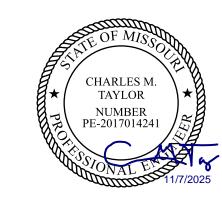
ACI 318:

SECTION 3.5.2

ТМ	S 402	2 / 602 MASONRY SPECIAL INSPECTION - TABLE 4				
VE	RIFIC	CATION AND INSPECTION	FREQUEN	ICY	REFERENCE I	FOR CRITERIA
			RISK CAT. II	RISK CAT. III & IV	TMS 402	TMS 602
1.	AS	MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE	FOLLOWING	ARE IN COMPLIA	NCE:	
	Α.	PROPORTIONS OF SITE-PREPARED MORTAR.	PERIODIC	PERIODIC	_	ART. 2.1, 2.6 A, & 2.6 (
	В.	GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND ANCHORAGES	PERIODIC	PERIODIC	_	ART. 3.4 & 3.6 A
	A.	SAMPLE PANEL CONSTRUCTION	PERIODIC	CONTINUOUS	_	ART. 1.6 B
2.	PRI	IOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE	IN COMPLIAN	CE:		
	A.	GROUT SPACE	PERIODIC	CONTINUOUS	_	ART. 3.2 D & 3.2 F
	В.	PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHOR BOLTS	PERIODIC	CONTINUOUS	SEC. 6.1, 6.3.1, 6.3.6, & 6.3.7	ART. 3.2 E & 3.4
	C.	PROPORTIONS OF SITE-PREPARED GROUT	PERIODIC	PERIODIC	_	ART. 2.6 B & 2.4 G.1.b
3.	VEI	RIFY COMPLIANCE OF THE FOLLOWING DURING CONS	TRUCTION:			
	A.	MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS	PERIODIC	PERIODIC	_	ART. 1.5
	B.	PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION	PERIODIC	PERIODIC	_	ART. 3.3 B
	C.	SIZE AND LOCATION OF STRUCTURAL MEMBERS	PERIODIC	PERIODIC		ART. 3.3 F
	D.	TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION	PERIODIC	CONTINUOUS	SEC. 1.2.1(e), 6.2.1, & 6.3.1	_
	E.	WELDING OF REINFORCEMENT	CONTINUOUS	CONTINUOUS	SEC. 6.1.6.1.2	_
	F.	PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMP. BELOW 40°F) OR HOT WEATHER (TEMP. ABOVE 90°F)	PERIODIC	PERIODIC	_	ART. 1.8 C & 1.8 D
	G.	PLACEMENT OF GROUT IS IN COMPLIANCE	CONTINUOUS	CONTINUOUS	_	ART. 3.5 & 3.6 C
4.	SPI	SERVE PREPARATION OF GROUT ECIMENS, MORTAR SPECIMENS, AND/OR ISMS	PERIODIC	CONTINUOUS	_	ART. 1.4 B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, & 1.4 B.4
			1	1	1	1
_						

	TABLE 1705.3 REQUIRED VERIFICATION AND INSPECTION (CONTONETE			
	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENC
1.	INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	_	Х	ACI 318 CH. 20, 25.2,25.3, 26.6.1-26.6.3	_
2.	REINFORCING BAR WELDING: A. VERIFY WELDABILITY OF REINFORCING	_	Х		
	BARS OTHER THAN ASTM A706; B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16": AND	_	Х	AWS D1.4 ACI 318: 26.6.4	_
	C. INSPECT ALL OTHER WELDS	X	_		
3.	INSPECT ANCHORS CAST IN CONCRETE.	_	X	ACI 318: 17.8.2	_
4.	INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	_	ACI 318: 17.8.2.4	_
	B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	_	Х	ACI 318: 17.8.2	
5.	VERIFY USE OF REQUIRED DESIGN MIX.	_	Х	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2
6.	PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	х	_	ASTM C 172 ASTM C 31 ACI 318: 26.5, 26.12	ı
7.	INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	_	ACI 318: 26.5	_
8.	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	_	Х	ACI 318: 26.5.3-26.5.5	
9.	INSPECT PRESTRESSED CONCRETE FOR: A. APPLICATION OF PRESTRESSING FORCES; AND B. GROUTING OF BONDED PRESTRESSING TENDONS.	X X	_ _	ACI 318: 26.10	_
10.	INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	_	Х	ACI 318: CH. 26.9	_
11.	FOR PRECAST CONCRETE DIAPHRAM CONNECTIONS OR REINFORCEMENT AT JOINTS CLASSIFIED AS MODERATE OR HIGH DEFORMABILITY ELEMENTS (MDE OR HDE) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E, OR F, INSPECT SUCH CONNECTIONS AND REINFORCEMENT IN THE FIELD FOR:			ACI 318: 26.13.1.3	_
	A. INSTALLATION OF THE EMBEDED PARTS B. COMPLETETION OF THE CONTINUITY OF	X	_		
	B. COMPLETETION OF THE CONTINUITY OF REINFORCEMENT ACROSS JOISTSC. COMPLETETION OF CONNECTIONS IN THE FIELD	X X	_ _	ACI 550.5	
12.	INSPECT INSTALLATION TOLERANCES OF PRECAST DIAPHRAGM CONNECTIONS FOR COMPLIANCE WITH ACI 550.5.	_	Х	_	_
13.	VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	_	Х	ACI 318: 26.11.2	_
14.	INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	_	Х	ACI 318: 26.11.1.2(b)	_

STATE OF MISSOURI MIKE KEHOE **GOVERNOR**



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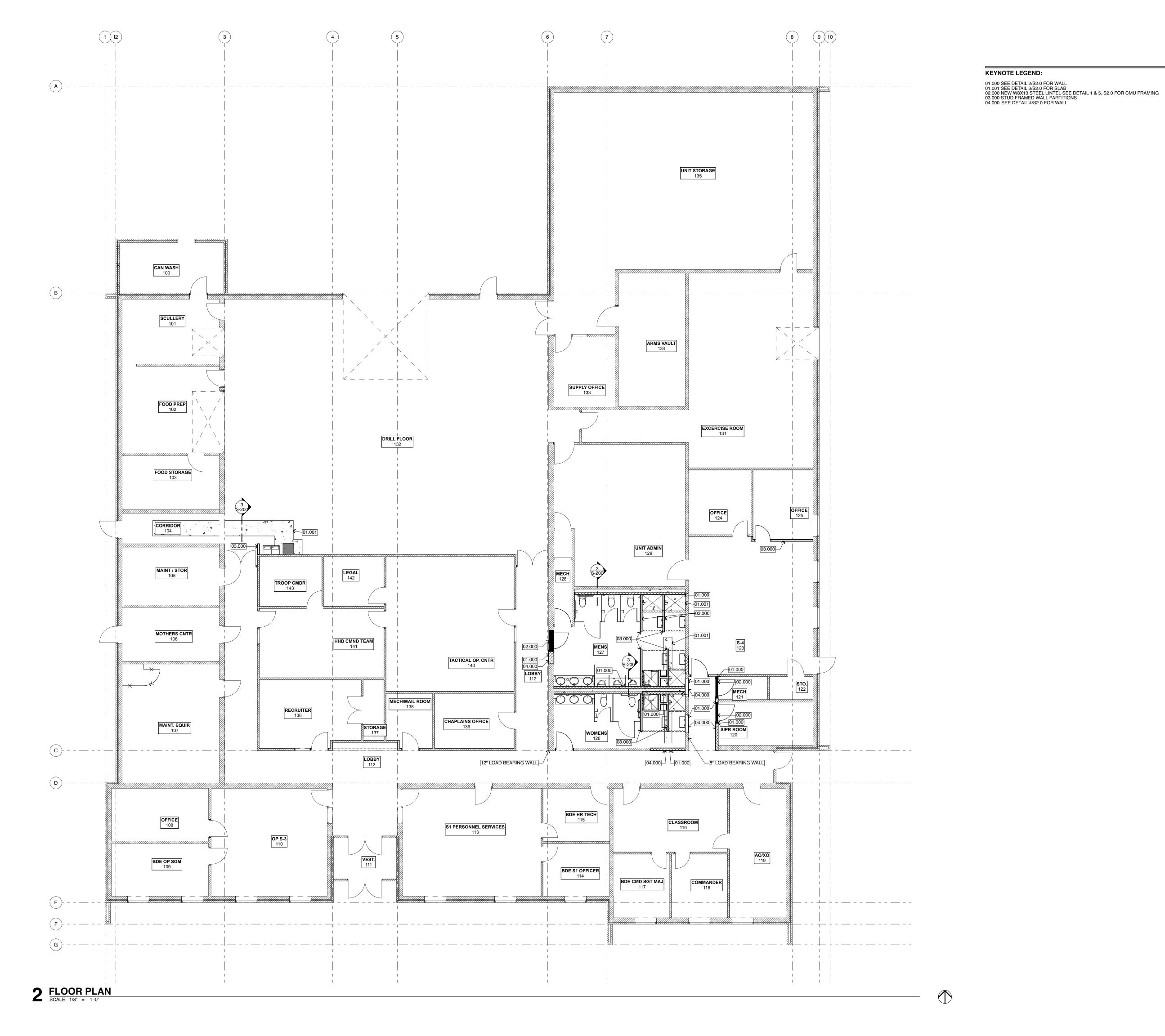
PROJECT # T2507-01 SITE# FACILITY # 8136286002

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CAD DWG FILE:T2507-01 DRAWN BY: KARSON BUSSELL CHECKED BY: CHARLES TAYLOR DESIGNED BY: KARSON BUSSELL

SHEET TITLE: STRUCTURAL **NOTES**

SHEET NUMBER





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CAD DWG FILE:T2507-01
DRAWN BY: KARSON BUSSELL
CHECKED BY: CHARLES TAYLOR
DESIGNED BY: KARSON BUSSELL

SHEET TITLE:
STRUCTURAL
PLAN

SHEET NUMBER:

S-100

KARSON BUSSELL

CHARLES TAYLOR

- EXISTING CMU WALL -#5 DOWELS x 12" LONG @ 32" O.C. DRILL & EPOXY 4" MATCH EXISTING BOND PATTERN #5 BARS @ 32" O.C. __#5 DOWELS x 32" LONG @ 32" O.C. DRILL & EPOXY 4" T.O. EXISTING FLOOR - #5 DOWELS x 32" LONG @ 32" O.C. DRILL & EPOXY 8"

/— EXIST CMU WALL, PATCH

- W8x15. EXTEND 8" EA SIDE

& REPAIR AS REQ'D

___ 1/2"x6" HEADED

OF OPENING

- GROUT SOLID

1/4" BOTTOM PLATE.

LENGTH SHALL MATCH OPENING WIDTH

PROVIDE (2) 1/2" DIA x 6"
 HEADED STUDS INTO
 GROUTED CELLS @ EA JAMB.

STUDS @ 16" O.C.

NOTE: ALL STEEL SHALL BE GALVANIZED @ EXTERIOR WALLS.

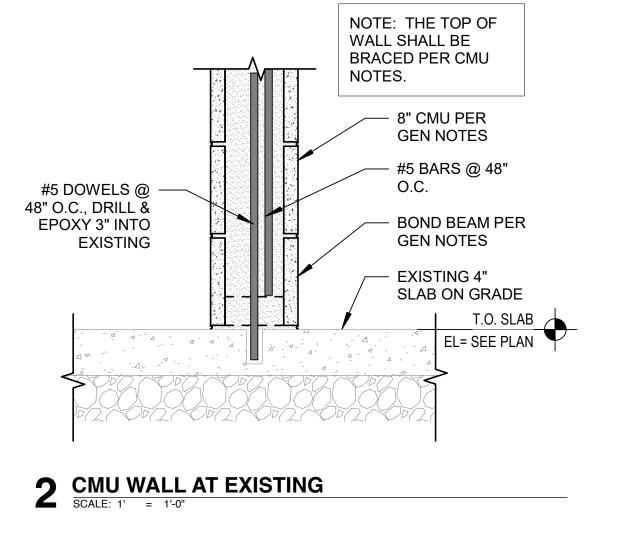
B.O. LINTEL=
PER ARCH

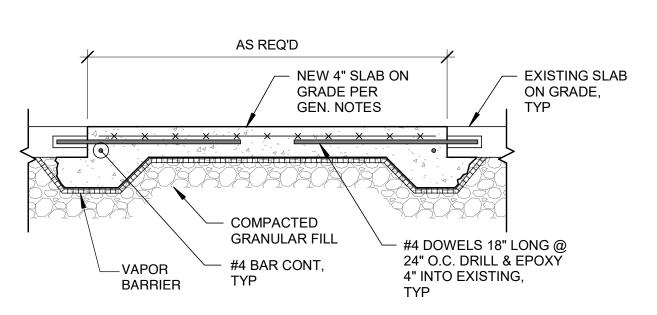
FIELD VERIFY

4 MASONRY DETAIL AT CMU OPENING
SCALE: 1' = 1'-0"

1 MASONRY LINTEL DETAIL W/O BRICK VENEER

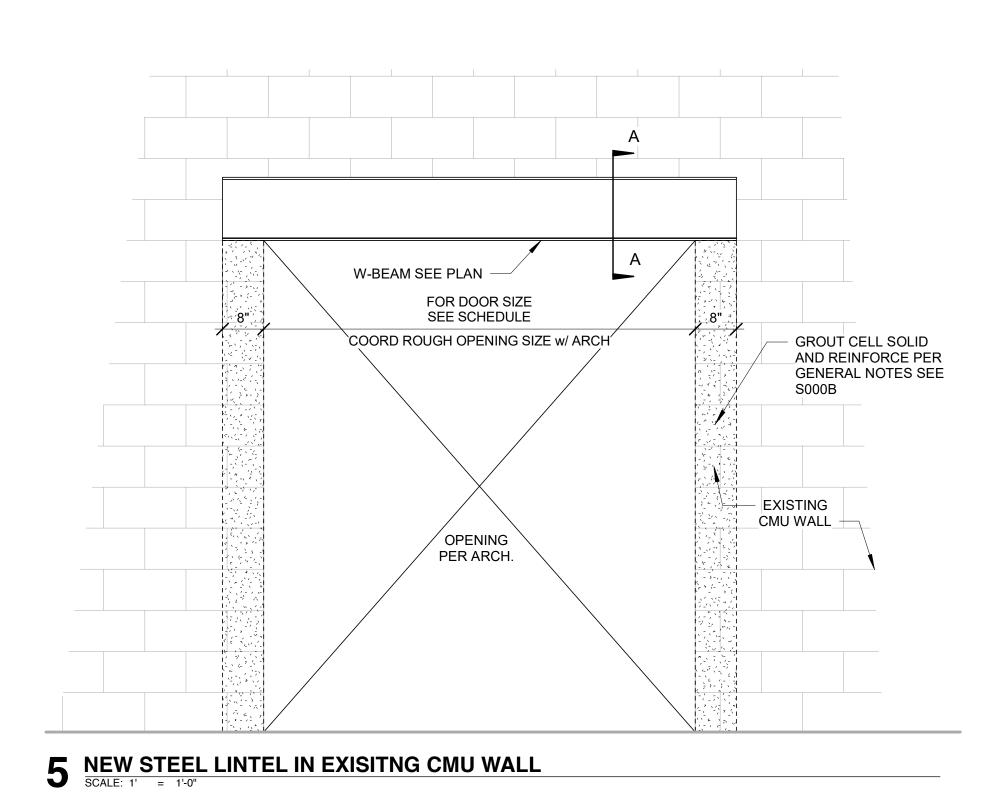
SCALE: 1' = 1'-0"





TYPICAL SLAB ON GRADE REPAIR DETAIL

SCALE: 1' = 1'-0"





STATE OF MISSOURI

CHARLES M TAYLOR NUMBER PE-2017014241

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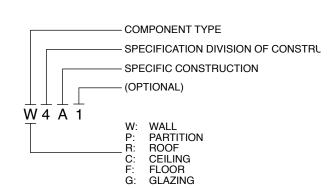
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SHEET TITLE: STRUCTURAL **DETAILS**

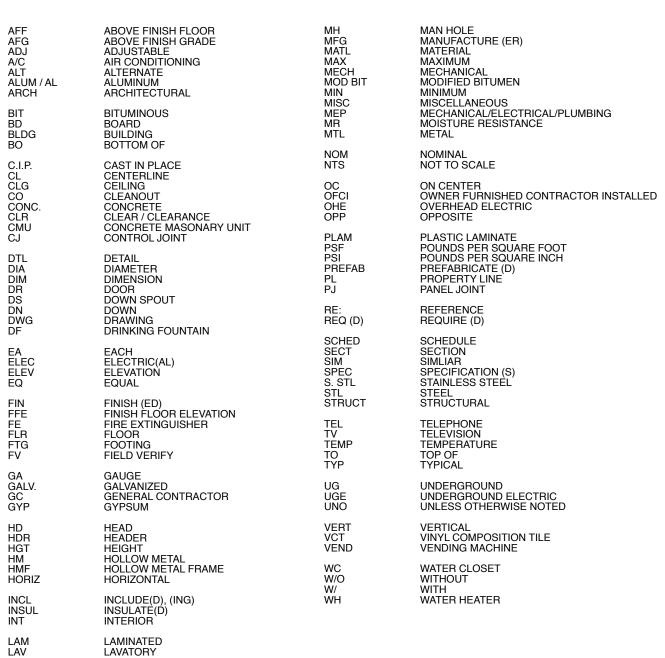
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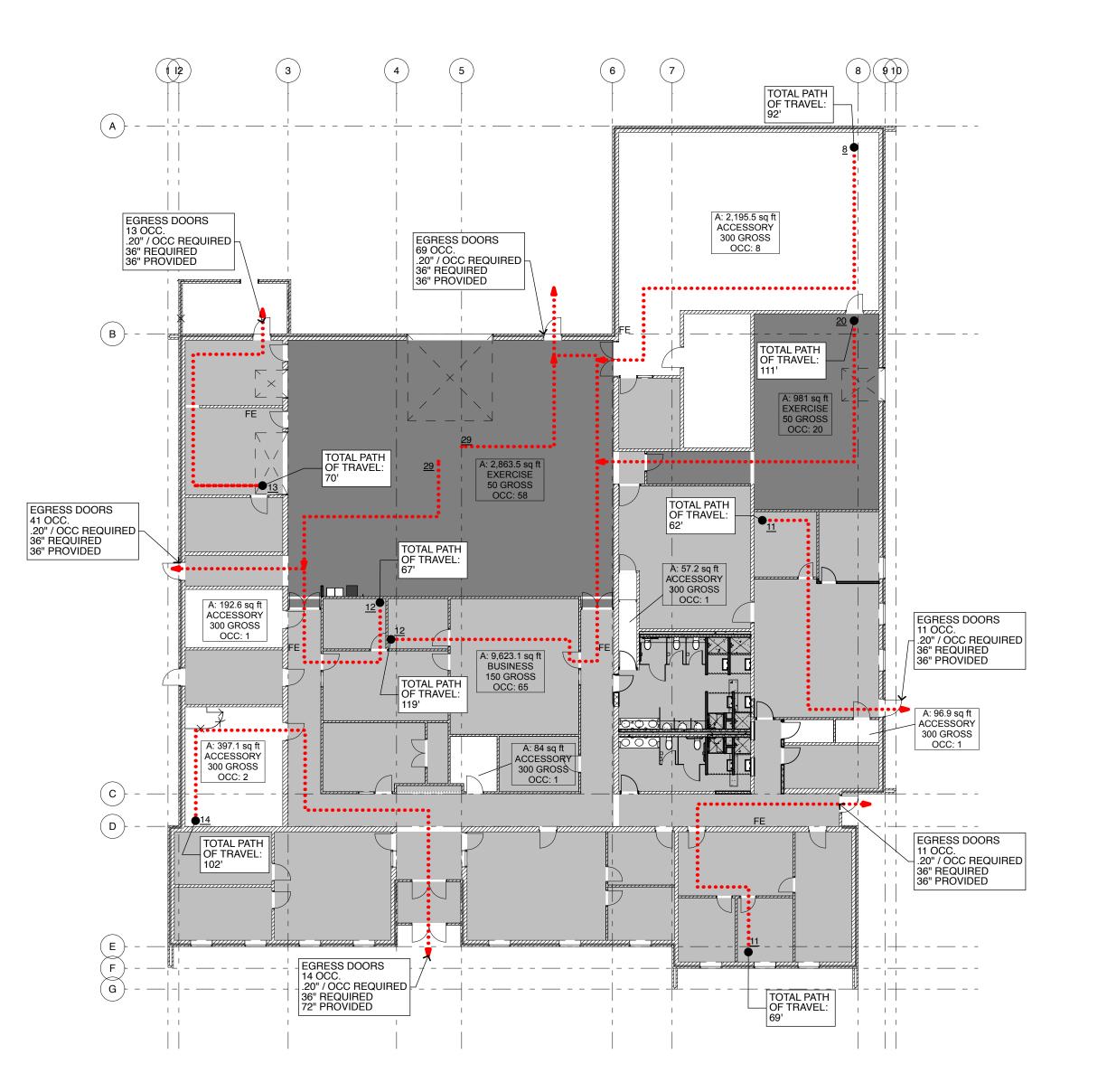
```
ANNOTATION LEGEND
K A8
             TYPICAL KEYNOTE
NOTE TYPICAL NOTE
  — W4A TYPICAL CONSTRUCTION TYPE MARKER
TYPICAL DIMENSION STRING
_MATCHLINE _ TYPICAL MATCHLINE GRAPHIC
        ____TYPICAL GRIDLINE ______
         TYPICAL SECTION MARKER
          WALL SECTION PLAN MARKER
             TYPICAL ELEVATION MARKER
             TYPICAL DETAIL MARKER
            TYPICAL PLAN ELEVATION MARKER / POINT OF BEGINNING (GRADE)
            TYPICAL ELEVATION MARKER (ELEVATION AND SECTION)
             REVISION 1
            ADDENDUM 1
             PROPOSAL REQUEST 1
             SUPPLEMENTAL INSTRUCTION 1
              TYPICAL REVISION CLOUD
             TYPICAL ROOM MARKER
             TYPICAL DOOR MARKER
             TYPICAL FRAME, DOOR, WINDOW
             OR GLAZING SYSTEM MARKER
             TYPICAL CEILING TYPE MARKER
```

CONSTRUCTION ASSEMBLY LEGEND:



ARCHITECTURAL ABBREVIATIONS





CODE PLAN
SCALE: 1/16" = 1'-0"

CODE INFORMATION

APPLICABLE BUILDING CODES: INTERNATIONAL BUILDING CODE 2021

INTERNATIONAL EXISTING BUILDING CODE 2021 INTERNATIONAL PLUMBING CODE 2021 AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) 2017 INTERNATIONAL FIRE CODE 2021

NATIONAL ELECTRICAL CODE 2020 CODE STUDY:

EXISTING AREA: 16,858 SQ. FT.

TOTAL AREA: 16,858 SQ. FT. CONSTRUCTION TYPE: 3B ALLOWABLE AREA (UNSPRINKLED): 19,000 SQ. FT

OCCUPANCY GROUP: B (BUSINESS)
OCCUPANCY LOAD: 150 GROSS
OCCUPANCY LOAD: 9754 SQ. FT. / 150 GROSS = 66 OCCUPANTS

ACCESSORY OCCUPANCY LOAD: 300 GROSS OCCUPANCY LOAD: 14 OCCUPANTS

OCCUPANCY LOAD: 50 GROSS OCCUPANCY LOAD: 75 OCCUPANTS TOTAL: 158 OCCUPANTS

PLUMBING FIXTURES: (OCCUPANCY B)
WATER CLOSETS REQUIRED: 1 PER 25 FOR THE FIRST 50 AND 1/50 FOR THE
REMAINDER EXCEEDING 50

LAVATORIES REQUIRED: 1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80 3 LAV REQUIRED

DRINKING FOUNTAINS REQUIRED: 1 PER 100 DRINKING FOUNTAINS PROVIDED: 2

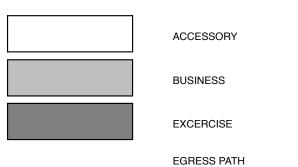
EGRESS

NUMBER OF EXITS REQUIRED: 2 NUMBER OF EXITS PROVIDED: 6 EGRESS WIDTH (OCCUPANCY B)

CORRIDOR = .02" X 158 = 31.6" MINIMUM EGRESS WIDTH NOT LESS THAN 36" EGRESS WIDTH PROVIDED NOT LESS THAN 36"

ACCESS TRAVEL DISTANCE NOT TO EXCEED 200 FT. PROVIDED DOES NOT EXCEED 119 FT @ WORST CASE

CODE PLAN LEGEND: (NOTES APPLY TO CODE PLAN SHEETS ONLY)



OFFICE WING = 12 OCC. EGRESS PATH = 95FT MAX.

EGRESS DOORS EGRESS DOOR REQUIREMENTS 24.2" REQUIRED 72" PROVIDED

19.25 SF / OCC. AVG. EGRESS AREA = 100 SF / OCC.

EGRESS AREA PER OCCUPANT

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FACILITY # 8136286002 **REVISION:**

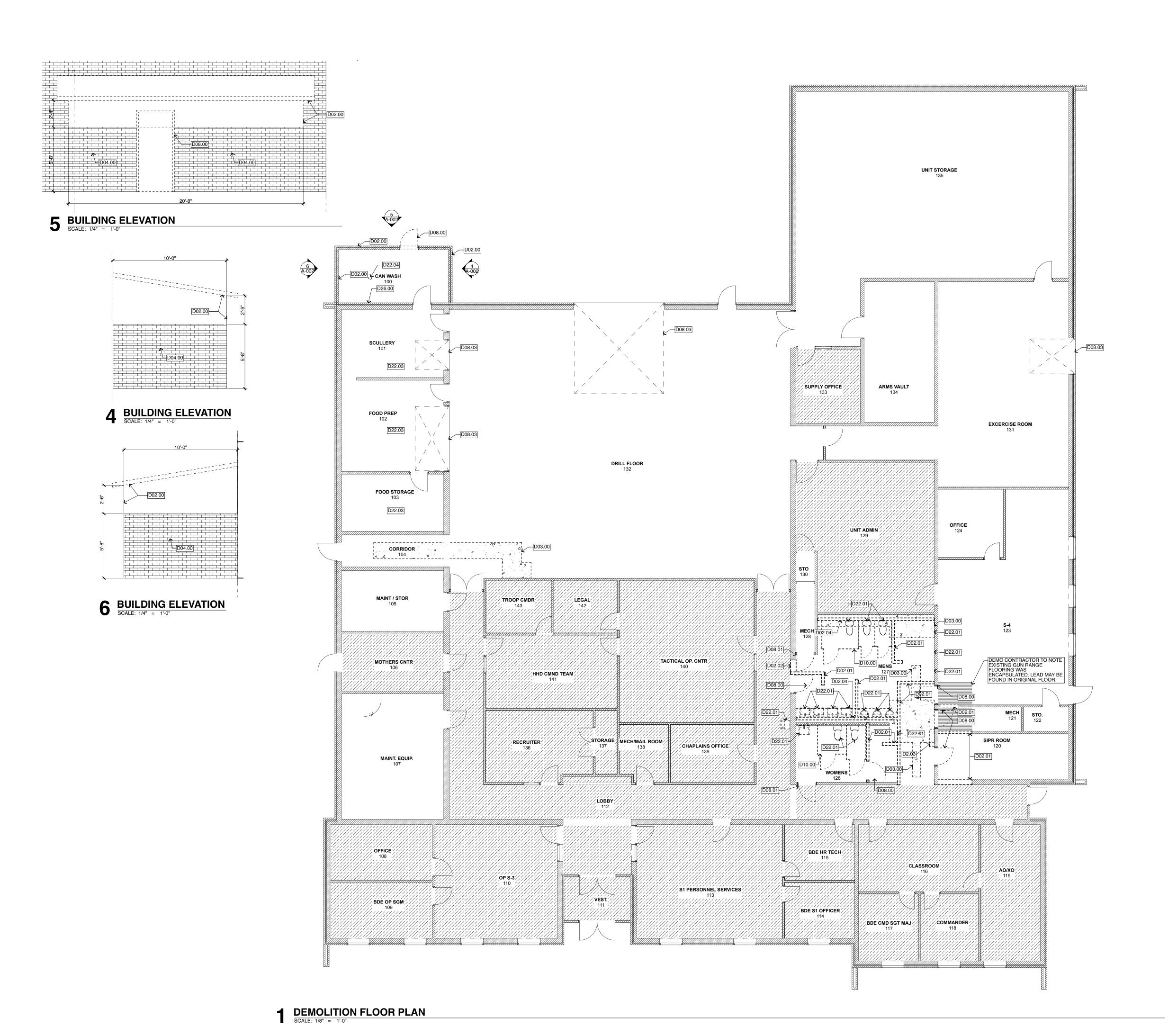
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DRAWN BY: \overline{EW} CHECKED BY: CS DESIGNED BY: EW/CS

SHEET TITLE: LEGENDS & CODE PLANS

SHEET NUMBER:



GENERAL DEMOLITION NOTES:

- CONTRACTOR SHALL VERIFY THAT EXISTING CONDITIONS ARE AS SHOWN ON DRAWINGS AND NOTIFY ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES.
- CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ELEMENTS O REMAIN BE BRACED DURING DEMOLITION, UNTIL NEW FRAMING IS
- IN PLACE. CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTING THE EXISTING SLAB ON GRADE AND MAKING MINOR REPAIRS TO CORRECT UNSATISFACTORY CONDITIONS OF THE CONCRETE PRIOR TO INSTALLATION OF NEW FLOOR FINISH.
- THE OWNER HAS FIRST RIGHT OF REFUSAL ON ALL MATERIALS. ALL MATERIALS REFUSED & DEMOLISHED SHALL BE REMOVED AND
- DISCARDED BY THE CONTRACTOR.
- COORDINATE ANY MODIFICATION OF SECURITY, FIRE ALARM SYSTEM, WELL AND OTHER SERVICES WITH THE OWNER. SCHEDULE INTERRUPTION OF ANY SERVICE 2 WEEKS IN ADVANCE WITH TO
- OWNER'S SATISFACTION.

 DASHED LINES IN PLAN INDICATE REMOVAL OF ITEMS AS NOTED BELOW. SEE MEP FOR REMOVAL OF MECHANICAL, ELECTRICAL AND PLUMBING
- ITEMS. REMOVE ABANDONED OR UNUSED DUCTWORK AND CONDUITS, U.N.O. WHERE WIRING NO LONGER CONNECTS TO EQUIPMENT, IT SHALL END IN A CLOSED JUNCTION ABOVE ACCESSIBLE CEILING.
 WHERE INDICATED REMOVE ALL EXISTING VCT, TILE, EPOXY, AND CARPET FINISHES, INCLUDING ADHESIVES, DOWN TO CONCRETE SLAB
- WITHIN THE SCOPE OF WORK (AS NOTED ON THE DEMOLITION PLAN). LEVEL FLOOR AT RECESSED AREAS TO BE FLUSH WITH SURROUNDING ELEVATION PER SPECIFICATIONS.
- REMOVAL AND STORAGE OF EXISTING EQUIPMENT, FURNITURE OR MILLWORK SHALL BE PERFORMED BY THE OWNER, PRIOR TO CONTRACTORS DEMOLITION START. PATCH AND REPAIR ALL EXISTING GYPSUM BOARD OR PLASTER WALLS
- THAT REMAIN TO RECEIVE NEW PAINT FINISH.
 REMOVE AND DISCARD ALL, ABANDONED RECEPTACLES, AND ASSOCIATED WIRING AND DEVICES, U.N.O. PATCH AND REPAIR SURFACES TO MATCH ADJACENT FINISHES AS REQUIRED.



REMOVE EXISTING FLOOR FINISH AND BASE. PREP SLAB FOR NEW FLOOR FINISH

DEMOLITION KEYNOTES: (NOTES APPLY TO DEMOLITION PLAN SHEETS ONLY)

- D02.00 REMOVE EXISTING WOOD STUD WALLS, ROOF AND FRAMING ABOVE EXISTING BRICK WALL. PROTECT ADJACENT BUILDING THROUGHOUT DEMOLITION AND CONSTRUCTION. PATCH AND REPAIR ADJACENT
- FINISHES TO MATCH EXISTING.

 D02.01 REMOVE EXISTING PARTITION TO THE EXTENT SHOWN INCLUDING ALL TRIM, MOULDING. PATCH AND REPAIR ADJACENT FINISHES TO MATCH
- D02.02 REMOVE PORTION OF EXISTING WALL AS REQUIRED FOR NEW OPENING AND HEADER.
 D02.03 REMOVE EXISTING MAILBOX.
- D02.04 COORDINATE WITH UNDERGROUND PLUMBING DEMO. DEMO THE EXISTING WET WALL AND SLAB ON GRADE AS REQUIRED TO
- REMOVE THE EXISTING UNDERGROUND PLUMBING AS SHOWN.
- D03.00 REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR INSTALLATION
 OF NEW PLUMBING.
 D04.00 CLEAN AND PATCH EXISTING MASONRY TO REMAIN.
 D08.00 REMOVE EXISTING DOOR OR WINDOW, INCLUDING FRAME AND
- D08.01 REMOVE DOOR, FRAME, HARDWARE AND THRESHOLD. PATCH AND REPAIR CONCRETE SLAB AND WALL TO PREPARE AREA FOR NEW
- DOOR AND TRANSITION STRIP. SEE PLAN AND DOOR SCHEDULE.

 D08.02 REMOVE DOOR INCLUDING FRAME AND HARDWARE. FILL VOID,
 MATCHING EXISTING ADJACENT MATERIAL AND FINISH.

- MATCHING EXISTING ADJACENT MATERIAL AND FINISH.

 D08.03 EXISTING DOOR AND OPENING TO REMAIN
 D09.00 SUSPENDED CEILING TO BE REMOVED THIS AREA ONLY. INCLUDING GRID AND TILE.

 D09.01 EXISTING GYP. CEILING TO BE REMOVED.
 D10.00 REMOVE EXISTING TOILET PARTITIONS AND TOILET ACCESSORIES.
 PATCH AND REPAIR FINISH TO MATCH ADJACENT SURFACE.
 D22.01 REMOVE EXISTING SYSTEMS EQUIPMENT PER MEP PLANS.
 D22.01 REMOVE EXISTING PLUMBING FIXTURES. SEE PLUMBING DRAWINGS.
 PATCH AND REPAIR FINISH TO MATCH ADJACENT SURFACE
- PATCH AND REPAIR FINISH TO MATCH ADJACENT SURFACE.

 D22.03 OWNER TO REMOVE AND STORE ALL LOOSE EQUIPMENT AND SHELVING. KITCHEN HOODS TO REMAIN. ALL OTHER EQUIPMENT ATTACHED TO WALLS, SITTING ON FLOORS, PLUMBED, AND/OR HARDWIRED IS TO BE REMOVED AND STORED FOR REINSTALLATION
- BY CONTRACTOR. DOCUMENT CONDITION PRIOR TO REMOVAL AND PROTECT UNTIL REINSTALLED.
 D22.04 REMOVE EXISTING FLOOR DRAIN. SEE PLUMBING DRAWINGS. D26.00 DEMO EXTERIOR BASEBOARD HEATER, CONDUIT, AND LIGHTING

FLOOR PLAN LEGEND

EXISTING AREA, NOT IN CONTRACT

•••••••••••••• 1-HR FIRE BARRIER, UNO

EXISTING WALL CONSTRUCTION TO REMAIN

===== WALL CONSTRUCTION TO BE REMOVED

NEW STUD WALL CONSTRUCTION NEW CMU WALL CONSTRUCTION

DOOR TO BE REMOVED

• • • • 2-HR FIRE BARRIER, UNO



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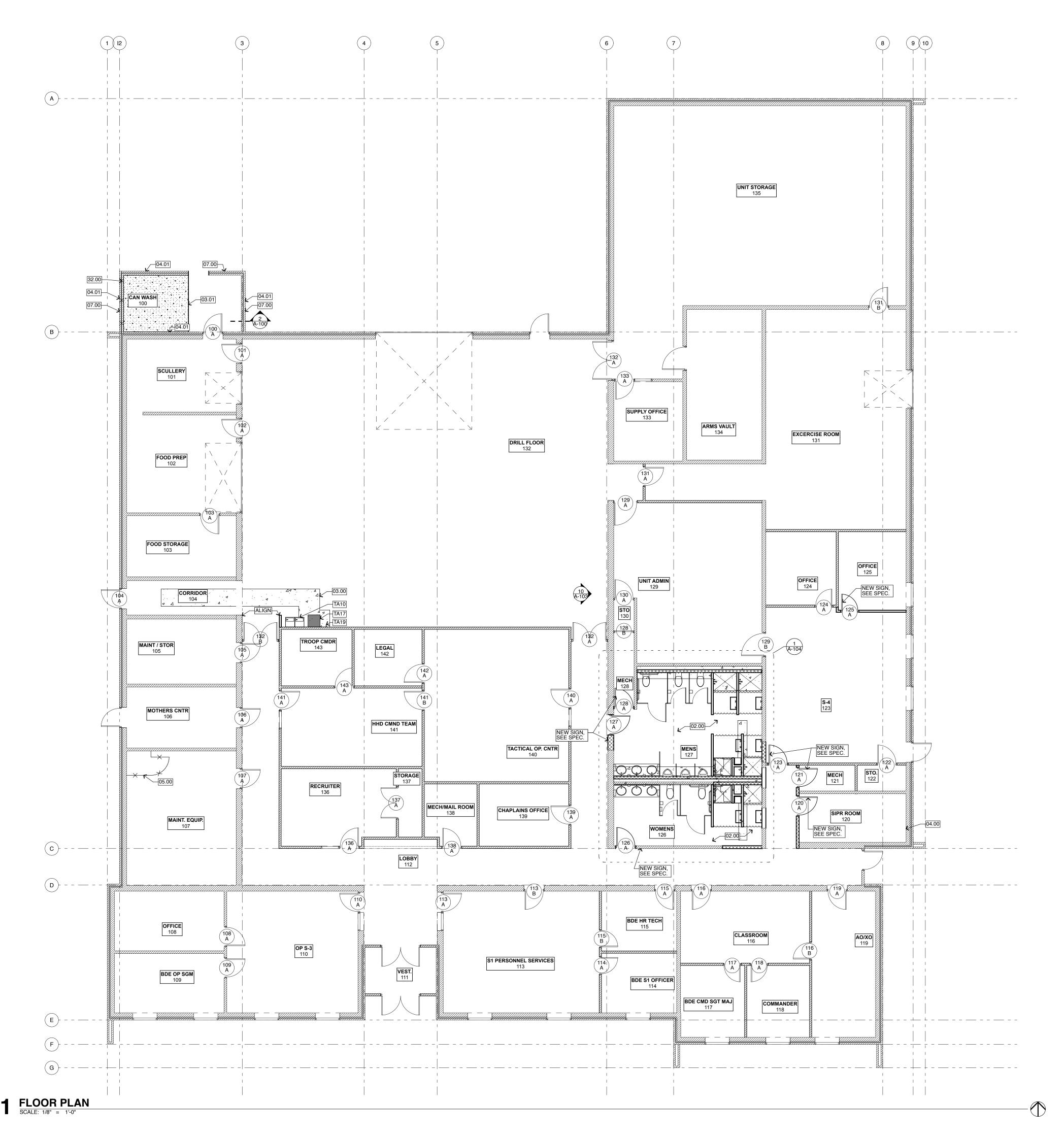
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SHEET TITLE: **DEMOLITION** FLOOR PLANS

SHEET NUMBER:



GENERAL FLOOR PLAN NOTES:

- DIAGONALLY HATCHED WALLS ARE EXISTING ELEMENTS AND ARE TO BE PROTECTED AND REPAIRED AFTER DEMOLITION. NEW WALLS ARE SHOWN AS BOLD LINES. INFILL OF EXISTING OPENINGS SHALL MATCH THE EXISTING WALL CONSTRUCTION. COLORS BY ARCHITECT SHALL BE SELECTED FROM MANUFACTURER'S
- ULL COLOR RANGE. ALL WOOD BLOCKING SHALL BE FIRE RETARDANT TREATED, U.N.O. ALL WOOD BLOCKING, MISC. WOOD FRAMING AND PLYWOOD ALL WOOD BLOCKING, MISC. WOOD FRAMING AND PLYWOOD SHEATHING/ DECKING SHALL BE FIRE TREATED.
 F.E.C. INDICATES LOCATION OF SEMI-RECESSED FIRE EXTINGUISHER CABINET. MOUNT TOP OF CABINET AT 48" A.F.F. EXTINGUISHER SHALL BE MULTI-PURPOSE DRY-CHEMICAL TYPE U.L. RATED 2-A:10-B:C. 5LB. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EXISTING ITEMS NOTED TO BE REMOVED.
 DASHED LINES INDICATE ITEMS ABOVE - TYPICAL.
 FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS SHOWN ON DRAWINGS AND NOTIFY ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES.
- PROVIDE CONCEALED WOOD BLOCKING FOR ALL WALL MOUNTED FIXTURES. ALL WOOD BLOCKING SHALL BE FIRE RETARDANT TREATED. PAINT ALL DOOR FRAMES WHERE ADJACENT WALL SURFACE HAS
- RECEIVED NEW FINISH, U.N.O.
 PROTECT ALL MOLDINGS, TRIM, AND EXISTING DETAILS DURING
 CONSTRUCTION. REMOVE ALL PEELED PAINT AND PREPARE SURFACES AND DETAILS FOR NEW PAINT FINISH.

FLOOR PLAN KEYNOTES:

- 02.00 REPLACE THE WET WALL AND SLAB ON GRADE WHICH WAS DEMO'D IN ORDER TO REMOVE THE BELOW GRADE PLUMBING AND INSTALL NEW.
 PATCH CONCRETE, FINISH TO MATCH EXISTING SLAB.
 CONCRETE TOPPING, SLOPED TOWARD NORTHERN OPENING.
- PATCH EXISTING HOLE IN EXTERIOR WALL WITH MORTAR.
 PATCH, REPAIR, AND CLEAN MASONRY WALLS AFTER DEMOLITION INSTALL NEW CAGE AROUND EXISTING EQUIPMENT NEW CAP FLASHING
 INSTALL A NEW FENCE PANEL, MATCHING THE EXISTING, ON TOP OF
 THE EXISTING BRICK WALL, CONTINUING THE FENCE TO THE NORTH
 FACE OF THE BUILDING. THE TOP OF THE FENCE IS TO MATCH THE
 EXISTING FENCE HEIGHT.

FLOOR PLAN LEGEND

EXISTING AREA, NOT IN CONTRACT

••••••••••••• 1-HR FIRE BARRIER, UNO

EXISTING WALL CONSTRUCTION TO REMAIN

===== WALL CONSTRUCTION TO BE REMOVED

NEW STUD WALL CONSTRUCTION NEW CMU WALL CONSTRUCTION

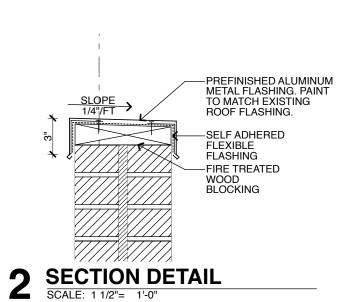
DOOR TO BE REMOVED

• • • • 2-HR FIRE BARRIER, UNO

L____ LIGHT FIXTURE TO BE REMOVED

ITEM	DESCRIPTION	BY
TA1	PLUMBING FIXTURE, PER M.E.P.	PROVIDE
TA2	REAR GRAB BAR	PROVIDE
TA3	SIDE GRAB BAR	PROVIDE
TA4	VERTICAL GRAB BAR	PROVIDE
TA5	TOILET PAPER DISPENSER	PROVIDE
TA6	VANITY/SINK	PROVIDE
TA7	PAPER TOWEL DISPENSER	OFCI
TA8	SOAP DISPENSER	OFCI
TA9	WALL HUNG MIRROR	PROVIDE
TA10	HI-LOW ADA WATER FOUNTAIN W/ HYDRATION STATION	PROVIDE
TA11	ROBE HOOK	PROVIDE
TA12	SANITARY NAPKIN DISPOSAL	PROVIDE
TA13	TOILET PARTITIONS	PROVIDE
TA14	FOLDABLE BENCH	PROVIDE
TA15	ADA SHOWER UNIT, PER M.E.P.	PROVIDE
TA16	BUILT IN SHELVES	PROVIDE
TA17	ICE MAKER	EXIST. NEW LOCATION
TA18	SHOWER ROD, RINGS, & CURTAIN	PROVIDE
TA19	NEW WATER SPIGOT, REF MEP.	PROVIDE
TA20	CORNER MOUNTED SOAP TRAY	PROVIDE

REFER TO RESTROOM MOUNTING HEIGHTS DETAILS FOR MOUNTING HEIGHTS AND ENLARGED RESTROOM PLANS FOR LOCATIONS. TOILET ACCESSORIES THAT ARE FURNISHED BY OWNER ARE TO BE CONTRACTOR INSTALLED.



STATE OF MISSOURI MIKE KEHOE,



ark central square, su springfield, mo 6580 p. 1.833.518.4545

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND CONSTRUCTION DEPARTMENT OF** MISSOURI NATIONAL **GUARD**

LEBANON READINESS CENTER - REPAIRS TO INTERIOR / EXTERIOR

301 WEST FREMONT LEBANON, MISSOURI, 65536

PROJECT # T2507-01 6286 SITE#

FACILITY # 8136286002

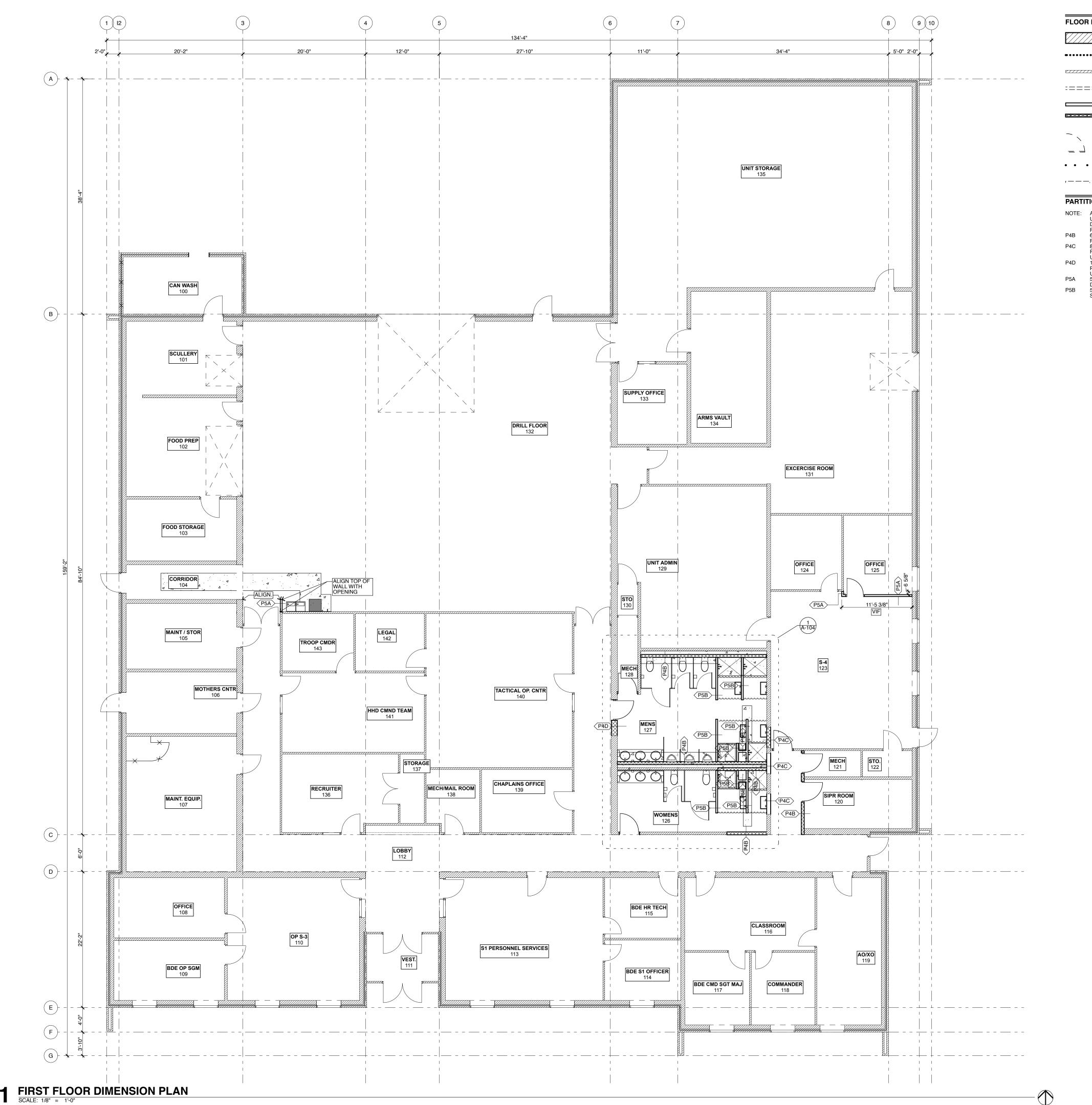
REVISION: DATE: REVISION: DATE: **REVISION**: DATE:

ISSUE DATE: 11/07/2025 CAD DWG FILE:T2507-01

DRAWN BY: EW
CHECKED BY: CS
DESIGNED BY: EW/CS SHEET TITLE:

FIRST FLOOR **PLANS**

SHEET NUMBER:



FLOOR PLAN LEGEND

EXISTING AREA, NOT IN CONTRACT

•••••••••••••• 1-HR FIRE BARRIER, UNO

EXISTING WALL CONSTRUCTION TO REMAIN

===== WALL CONSTRUCTION TO BE REMOVED

NEW STUD WALL CONSTRUCTION

NEW CMU WALL CONSTRUCTION

DOOR TO BE REMOVED

• • • • 2-HR FIRE BARRIER, UNO

PARTITION TYPES:

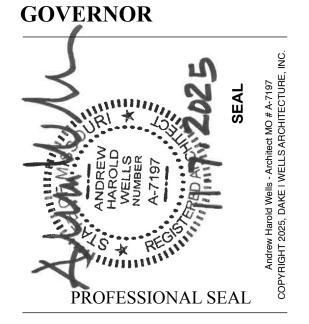
NOTE: ALL PARTITIONS TYPES TO EXTEND TO UNDERSIDE OF DECK ABOVE U.N.O. COORDINATE FRAMING AROUND STRUCTURE, PIPING, DUCTWORK OR OTHER OBSTRUCTIONS TO ENSURE NEW PARTITIONS EXTEND TO DECK ABOVE.

P4B 6" NOMIAL C.M.U. EXTEND TO DECK, U.N.O. CLEAN, PREP AND PAINT DEED ENJISH SCHEDULE

- PER FINISH SCHEDULE.

 8" NOMIAL C.M.U. EXTEND TO DECK, U.N.O. CLEAN, PREP AND PAINT PER FINISH SCHEDULE. 1-HR MIN. RATING WHERE NOTED PER UL#
- 12" NOMIAL C.M.U. EXTEND TO DECK, U.N.O. CLEAN, PREP AND PAINT PER FINISH SCHEDULE. 1-HR MIN. RATING WHERE NOTED PER UL#
- U9US 5/8" GYPSUM (EACH SIDE) OVER 3 5/8" METAL STUDS @ 16" O.C. TO DECK ABOVE. FILL CAVITY WITH ACOUSTIC BATT INSULATION. 5/8" GLASS MAT BACKER BOARD (EACH SIDE) OVER 3 5/8" METAL STUDS @ 16" O.C. TO DECK ABOVE.

STATE OF MISSOURI MIKE KEHOE,



DAKE | WELL architectur ark central square, su springfield, mo 6580 p. 1.833.518.4545

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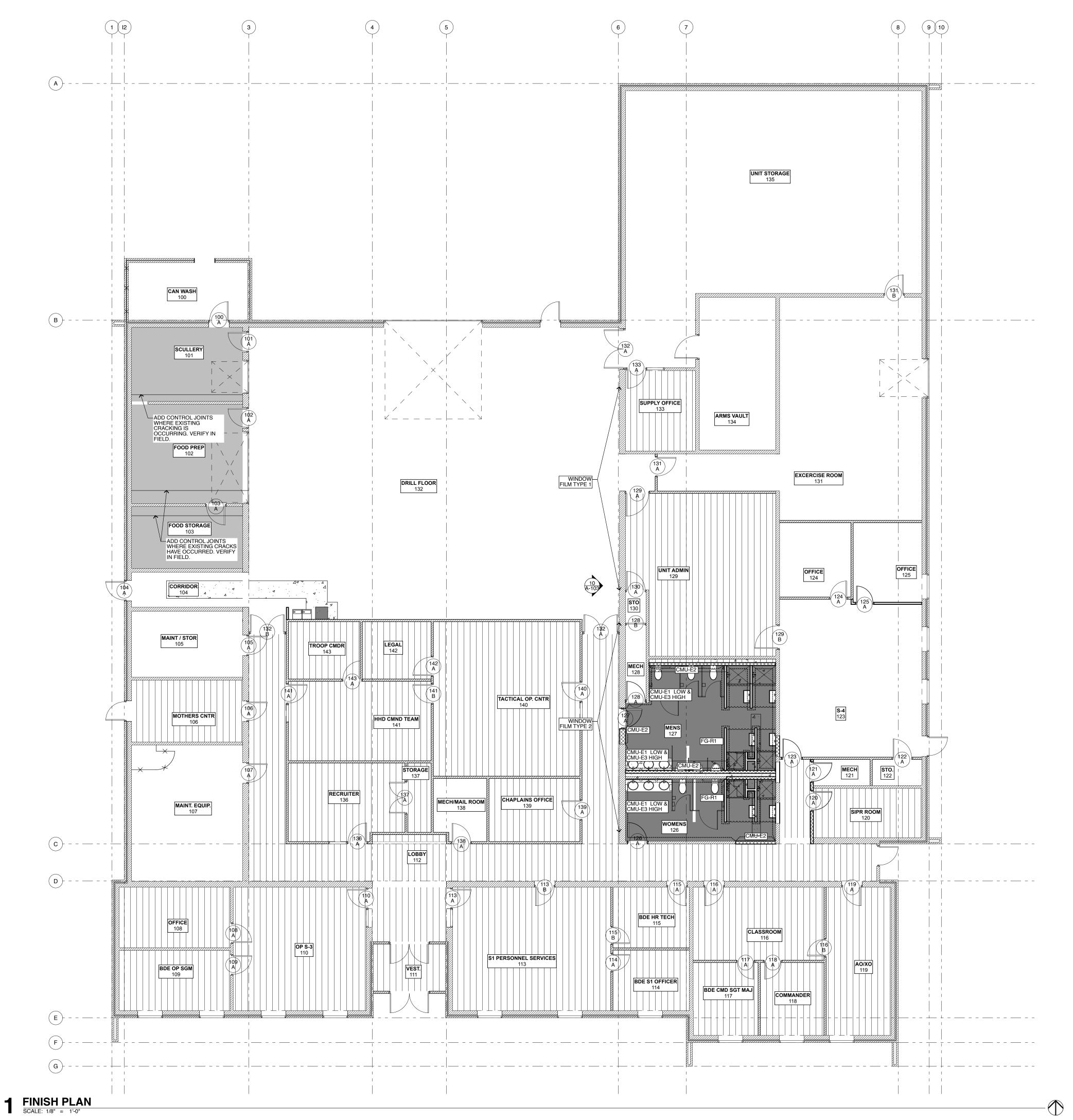
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CHECKED BY: CS
DESIGNED BY: EW/CS

SHEET TITLE: FIRST FLOOR **DIMENSION PLAN**

SHEET NUMBER:



GENERAL FINISH NOTES: (NOTES APPLY TO FINISH PLAN / FINISH SCHEDULE ONLY)

- PROVIDE ALUMINUM TRANSITION STRIP WHERE DISSIMILAR FLOOR FINISHES MEET.
 WHERE OTHER ADJACENT MATERIALS ARE DISSIMILAR MASK OFF DISSIMILAR MATERIALS FOR PAINTING.
 REFER TO SPECIFICATIONS FOR SURFACE PREPARATION BEOLUBEMENTS
- REQUIREMENTS.
 REFER TO REFLECTED CEILING PLAN FOR LOCATION OF VARYING CEILING HEIGHTS AND MATERIALS
 SEE PLAN FOR REMOVAL AND REPLACEMENT OF EXISTING FINISHES. PREP FOR NEW FLOORING TYPE.

FINISH SCHEDULE NOTES / REMARKS:

REPAIR THE GROUT JOINTS IN THE EXISTING WALL AS REQUIRED FOR PAINT.

FLOOR FINISH TYPES:

FF1: LVT TILE, SEE SPECIFICATIONS.
FF2A: EPOXY (TYPE 1) SEE SPECIFICATIONS.
FF2B: EPOXY (TYPE 2) SEE SPECIFICATIONS.
FF3: EXISTING CONCRETE FLOOR REMAINS
FF4: PROVIDE CONCRETE INFILL AT DEMOED FLLOR AREA, MATCH FXISTING

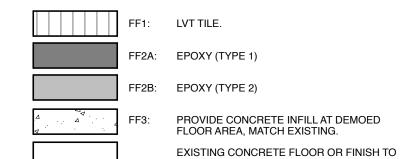
4" VINYL BASE, COLOR BY ARCHITECT. PREP AND PAINT EXISTING GLAZED BLOCK AT BASE TO MATCH WALL COLOR. PAINT SYSTEM CMU-2

INTEGRAL EPOXY BASE TO MATCH FLOORING.

WF1: PAINT - FIELD COLOR, COLOR BY ARCHITECT, SEE SPECIFICATIONS.
PAINT - ACCENT COLOR, COLOR BY ARCHITECT, SEE

WF2: PAINT - ACCENT COLOR, COLOR BY ARCHITECT, SEE SPECIFICATIONS.
WF4: EXISTING FINISH TO REMAIN. PATCH AND REPAIR WALL IF DAMAGED.
CMU-E1: EPOXY, SEE SPECS
CMU-E2: EPOXY, SEE SPECS
CMU-E3: EPOXY, SEE SPECS
FG-R1: EPOXY, SEE SPECS

FLOOR FINISH LEGEND



STATE OF MISSOURI MIKE KEHOE,

GOVERNOR



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LEBANON READINESS CENTER - REPAIRS TO INTERIOR / EXTERIOR

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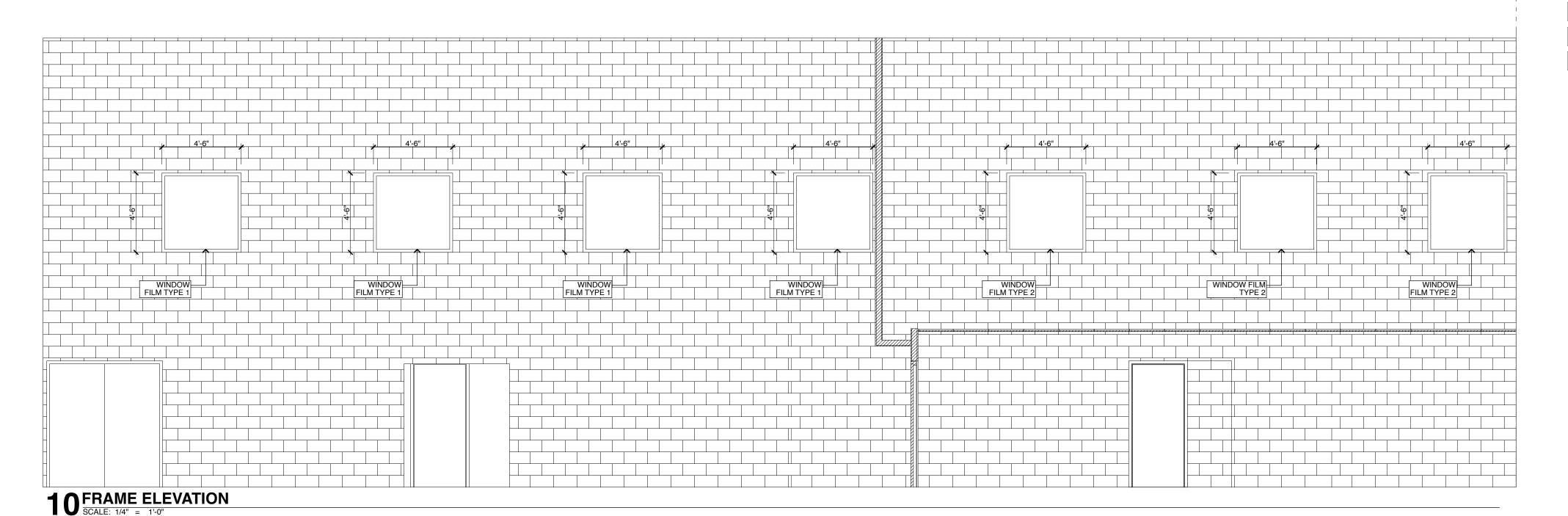
SHEET TITLE:
FIRST FLOOR FINISH PLAN

SHEET NUMBER:

ALL INTERIOR DOORS TO BE PAINTED AND NEW HARDWARE INSTALLED. SAVE EXISTING LOCKSET, HINGES AND WORKING CLOSERS TO BE REINSTALLED.

FINISH SCHEDULE									
ROOM #	ROOM NAME	BASE	NORTH	EAST	SOUTH	WEST	NOTES/REMARKS		
00	CAN WASH	-	WF4	WF4	WF4	WF4			
01	SCULLERY	B3	WF1	WF1	WF1	WF1	1		
02	FOOD PREP	B3	WF1	WF1	WF1	WF1	1		
03	FOOD STORAGE	B3	WF1	WF1	WF1	WF1	1		
04	CORRIDOR	B2	WF1	WF1	WF1	WF1			
05	MAINT / STOR	-	WF4	WF4	WF4	WF4			
06	MOTHERS CNTR	B1	WF1	WF1	WF1	WF1			
07	MAINT. EQUIP.	-	WF4	WF4	WF4	WF4			
08	OFFICE	B1	WF1	WF1	WF1	WF2			
09	BDE OP SGM	B1	WF1	WF1	WF1	WF2			
10	OP S-3	B1	WF1	WF1	WF1	WF2			
11	VEST.	B1	WF4	WF4	WF4	WF4			
12	LOBBY	B1(DRYWALL ONLY) B2	WF1	WF1	WF1	WF1			
13	S1 PERSONNEL SERVICES	B1	WF1	WF2	WF1	WF1			
14	BDE S1 OFFICER	B1	WF1	WF2	WF1	WF1			
15	BDE HR TECH	B1	WF1	WF2	WF1	WF1			
16	CLASSROOM	B1	WF1	WF1	WF1	WF2			
7	BDE CMD SGT MAJ	B1	WF1	WF1	WF1	WF1			
8	COMMANDER	B1	WF1	WF1	WF1	WF1			
9	AO/XO	B1	WF1	WF1	WF1	WF1			
20	SIPR ROOM	B1	WF1	WF1	WF1	WF1			
21	MECH	-	WF1	WF1	WF1	WF1			
22	STO.	-	WF1	WF1	WF1	WF1			
23	S-4	B1	WF2	WF1	WF1	WF1			
24	OFFICE	B1	WF2	WF1	WF1	WF1			
25	OFFICE	B1	WF2	WF1	WF1	WF1			
26	WOMENS	В3	SEE FINISH PLAN	SEE FINISH PLAN	SEE FINISH PLAN	SEE FINISH PLAN			
27	MENS	В3	SEE FINISH PLAN	SEE FINISH PLAN	SEE FINISH PLAN	SEE FINISH PLAN			
28	MECH	-	WF1	WF1	WF1	WF1			
29	UNIT ADMIN	B1	WF1	WF1	WF1	WF1			
30	STO	B1	WF1	WF1	WF1	WF1			
31	EXCERCISE ROOM	B1	WF1	WF1	WF1	WF1			
32	DRILL FLOOR	B1 (DRYWALL ONLY) B2	WF1	WF1	WF1	WF1	EXISTING MURAL AND GREEN WALL TO REMAIN, PAINT WF1 ABOVE		
33	SUPPLY OFFICE	B1	WF1	WF1	WF1	WF1			
34	ARMS VAULT	EXT	EXT	EXT	EXT	EXT			
35	UNIT STORAGE	-	WF1	WF1	WF1	WF1			
36	RECRUITER	B1	WF2	WF1	WF1	WF1			
37	STORAGE	B1	WF1	WF1	WF1	WF1			
38	MECH/MAIL ROOM	-	WF1	WF1	WF1	WF1			
39	CHAPLAINS OFFICE	B1	WF1	WF1	WF1	WF1			
40	TACTICAL OP. CNTR	B1	WF1	WF1	WF1	WF1			
41	HHD CMND TEAM	B1	WF2	WF1	WF1	WF1			
42	LEGAL	B1	WF1	WF1	WF1	WF1			
43	TROOP CMDR	B1	WF2	WF1	WF1	WF1			

DOOR SCHEDULE										
				DOOR			FRA	AME		
ROOM	NAME MARK SIZE		Ē	NAATI	TVDE	NAATI	TVDE	SET NO.	NOTES	
			WD	HGT	MATL	TYPE	MATL	TYPE		
100	CAN WASH	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
101	SCULLERY	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
102	FOOD PREP	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
103	FOOD STORAGE	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
104	CORRIDOR	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		3
105	MAINT / STOR	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
106	MOTHERS CNTR	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
107	MAINT. EQUIP.	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
108	OFFICE	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
109	BDE OP SGM	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
110	OP S-3	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
113	S1 PERSONNEL SERVICES	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
113	S1 PERSONNEL SERVICES	В	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
114	BDE S1 OFFICER	Α	2'-8"	7'-0"	НМ	EXIST	НМ	EXIST		1
115	BDE HR TECH	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
115	BDE HR TECH	В	2'-8"	7'-0"	НМ	EXIST	НМ	EXIST		1
116	CLASSROOM	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
116	CLASSROOM	В	2'-8"	7'-0"	НМ	EXIST	НМ	EXIST		1
117	BDE CMD SGT MAJ	Α	2'-8"	7'-0"	НМ	EXIST	НМ	EXIST		1
118	COMMANDER	Α	2'-8"	7'-0"	НМ	EXIST	НМ	EXIST		1
119	AO/XO	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
120	SIPR ROOM	Α	3'-0"	7'-0"	НМ	D1	НМ	F1		2
121	MECH	Α	3'-0"	7'-0"	НМ	D1	НМ	F1		2
122	STO.	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
123	S-4	Α	3'-0"	7'-0"	НМ	D1	НМ	F1		2
124	OFFICE	Α	2'-8"	7'-0"	НМ	EXIST	НМ	EXIST		1
125	OFFICE	Α	2'-8"	7'-0"	НМ	D1	НМ	F1		2
126	WOMENS	Α	3'-0"	7'-0"	НМ	D1	НМ	F1		2
127	MENS	Α	3'-0"	7'-0"	НМ	D1	НМ	F1		2
128	MECH	Α	3'-0"	7'-0"	НМ	D1	НМ	F1		2
128	MECH	В	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
129	UNIT ADMIN	Α	3'-8"	7'-0"	НМ	EXIST	НМ	EXIST		1
129	UNIT ADMIN	В	3'-8"	7'-0"	НМ	EXIST	НМ	EXIST		1
130	STO	А	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
131	EXCERCISE ROOM	А	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
131	EXCERCISE ROOM	В	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
132	DRILL FLOOR	А	5'-6"	7'-0"	НМ	EXIST	НМ	EXIST		1
132	DRILL FLOOR	А	6'-3"	7'-0"	НМ	EXIST	НМ	EXIST		1
132	DRILL FLOOR	В	5'-6"	7'-0"	НМ	EXIST	НМ	EXIST		1
133	SUPPLY OFFICE	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
136	RECRUITER	А	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
137	STORAGE	Α	5'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
138	MECH/MAIL ROOM	А	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
139	CHAPLAINS OFFICE	А	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
140	TACTICAL OP. CNTR	А	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
141	HHD CMND TEAM	А	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
141	HHD CMND TEAM	В	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
142	LEGAL	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1
143	TROOP CMDR	Α	3'-0"	7'-0"	НМ	EXIST	НМ	EXIST		1



- LOCATE TRANSITION STRIPS (IF REQUIRED) CENTERED BENEATH
- LOCATE TRANSITION STRIPS (IF REQUIRED) CENTERED BENEATH DOOR LEAF.
 PROVIDE PREFINISHED PAN/SILL AND DRIP EDGE FLASHING AT ALL EXTERIOR LOCATIONS PER MANUFACTURER'S RECOMMENDATIONS.
 PROVIDE HEADERS AND LINTELS ABOVE ALL NEW OPENINGS.
 ALL DOORS SHALL BE 1 3/4" THICK, U.N.O.
 PRIME AND PAINT ALL HOLLOW METAL DOORS AND FRAMES.
 ARCHITECT TO SELECT COLOR FROM FULL RANGE OF COLORS.
 FRAMES IN ACCENT WALLS SHALL MATCH ACCENT COLORS.
 COORDINATE HARDWARE REQUIREMENTS WITH SECURITY
- COORDINATE HARDWARE REQUIREMENTS WITH SECURITY VENDOR TO PROVIDE FULLY FUNCTIONAL INTEGRATED SYSTEM. ALL HOLLOW METAL FRAMES SHALL HAVE A 2" JAMBS, 4" HEADS, X 5 3/4" FACE DIMENSION, U.N.O.

DOOR AND FRAME KEY:

GENERAL DOOR NOTES:

(NOTES APPLY TO DOOR SCHEDULE ONLY)





NEW HOLLOW METAL FRAME - 5 3/4" FULLY WELDED, FULLY GROUTED FRAME PER DOOR SCHEDULE - PAINT. FRAME FACE TO BE 2" JAMB AND 4" HEADS - TYP. SEE SPECS.

DOOR SCHEDULE NOTES / REMARKS:

- EXISTING DOOR TO REMAIN PAINT, INSTALL NEW HARDWARE SET, USE EXISTING CORES & HINGES. NEW OPENING. PROVIDE NEW DOOR, FRAME AND HARDWARE.
- PROVIDE NEW HARDWARE TO MAKE DOOR CLOSE PROPERLY.

NOTATION LEGEND: TEMPERED SAFETY GLASS HOLLOW METAL ALUMINUM

PRE-FINISHED (MANUFACTURER) SURFACE PAINTED SURFACE (IN FIELD)

FINISH SCHEDULE NOTES / REMARKS:

REPAIR THE GROUT JOINTS IN THE EXISTING WALL AS REQUIRED FOR PAINT.

FLOOR FINISH TYPES:

LVT TILE, SEE SPECIFICATIONS.

EPOXY (TYPE 1) SEE SPECIFICATIONS. EPOXY (TYPE 2) SEE SPECIFICATIONS. EXISTING CONCRETE FLOOR REMAINS

PROVIDE CONCRETE INFILL AT DEMOED FLLOR AREA, MATCH

BASE TYPES:

4" VINYL BASE, COLOR BY ARCHITECT. PREP AND PAINT EXISTING GLAZED BLOCK AT BASE TO MATCH WALL COLOR. PAINT SYSTEM CMU-2 INTEGRAL EPOXY BASE TO MATCH FLOORING.

WALL FINISH TYPES:

PAINT - FIELD COLOR, COLOR BY ARCHITECT, SEE SPECIFICATIONS. PAINT - ACCENT COLOR, COLOR BY ARCHITECT, SEE

SPECIFICATIONS.
EXISTING FINISH TO REMAIN. PATCH AND REPAIR WALL IF

DAMAGED.

CMU-E1: EPOXY, SEE SPECS

CMU-E2: EPOXY, SEE SPECS

CMU-E3: EPOXY, SEE SPECS

FG-R1: EPOXY, SEE SPECS

FLOOR FINISH LEGEND

C

FF2A: EPOXY (TYPE 1)

FF2B: EPOXY (TYPE 2)

PROVIDE CONCRETE INFILL AT DEMOED FLOOR AREA, MATCH EXISTING.

EXISTING CONCRETE FLOOR OR FINISH TO

STATE OF MISSOURI MIKE KEHOE,



AKE | WELLS ark central square, sui springfield, mo 65806 p. 1.833.518.4545

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301 WEST FREMONT LEBANON, MISSOURI, 65536

PROJECT # T2507-01 6286 SITE#

FACILITY # 8136286002

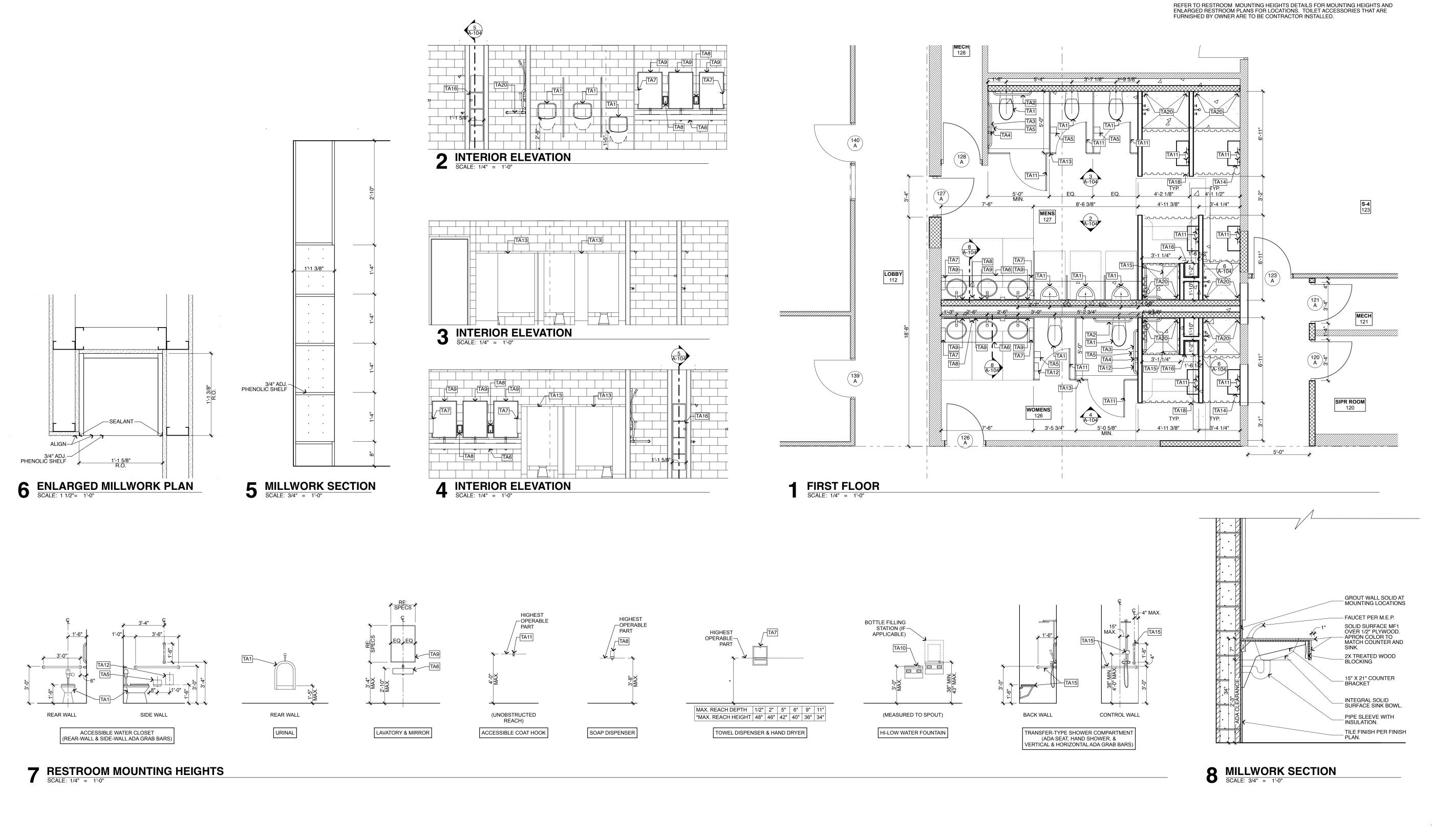
REVISION: DATE: **REVISION:** DATE: **REVISION:**

DATE: ISSUE DATE: 11/07/2025

CAD DWG FILE:T2507-01 DRAWN BY: \overline{EW} CHECKED BY: CS DESIGNED BY: EW/CS

SHEET TITLE: SCHEDULES AND FRAME **TYPES**

SHEET NUMBER:



TOILET & PLUMBING ACCESSORY SCHEDULE MIKE KEHOE, **GOVERNOR** PROVIDE PROVIDE PROVIDE PROVIDE PROVIDE OFCI PROVIDE PROVIDE PROVIDE PROVIDE PROVIDE PROVIDE PROVIDE EXIST. NEW LOCATION PROVIDE PROVIDE OWNER FURNISHED CONTRACTOR INSTALLED FURNISH AND INSTALL COMPLETE READY FOR THE INTENDED USE NOT IN CONTRACT

ITEM DESCRIPTION

TA2 REAR GRAB BAR

TA3 SIDE GRAB BAR

TA6 VANITY/SINK

TA11 ROBE HOOK

TA4 VERTICAL GRAB BAR TA5 TOILET PAPER DISPENSER

TA8 SOAP DISPENSER

TA9 WALL HUNG MIRROR

TA13 TOILET PARTITIONS

TA14 FOLDABLE BENCH

TA16 BUILT IN SHELVES

TA17 ICE MAKER

TA7 PAPER TOWEL DISPENSER

TA10 HI-LOW ADA WATER FOUNTAIN W/ HYDRATION STATION

TA12 SANITARY NAPKIN DISPOSAL

TA15 ADA SHOWER UNIT, PER M.E.P.

TA18 SHOWER ROD, RINGS, & CURTAIN

TA19 NEW WATER SPIGOT, REF MEP.

TA20 | CORNER MOUNTED SOAP TRAY

TA1 PLUMBING FIXTURE, PER M.E.P.

PROFESSIONAL SEAL

STATE OF MISSOURI

DAKE | WELLS a r c h i t e c t u r e ark central square, su springfield, mo 6580 p. 1.833.518.4545

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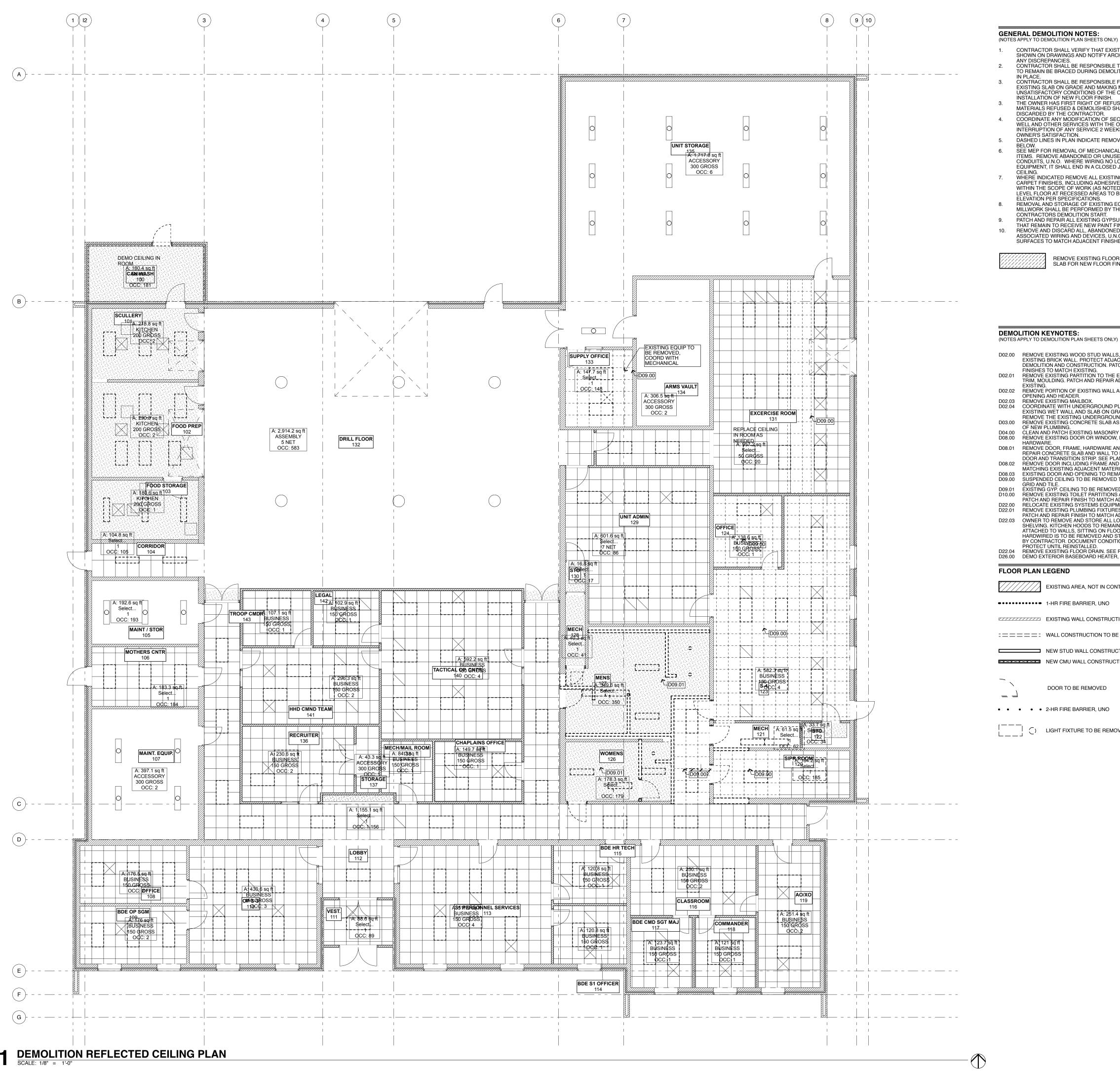
SHEET TITLE: **ENLARGED** PLANS &

DETAILS

SHEET NUMBER:

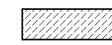
11 OF 30 SHEETS

11/07/25



GENERAL DEMOLITION NOTES:

- CONTRACTOR SHALL VERIFY THAT EXISTING CONDITIONS ARE AS SHOWN ON DRAWINGS AND NOTIFY ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES.
- CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT ELEMENTS O REMAIN BE BRACED DURING DEMOLITION, UNTIL NEW FRAMING IS IN PLACE
- CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTING THE EXISTING SLAB ON GRADE AND MAKING MINOR REPAIRS TO CORRECT UNSATISFACTORY CONDITIONS OF THE CONCRETE PRIOR TO
- INSTALLATION OF NEW FLOOR FINISH. THE OWNER HAS FIRST RIGHT OF REFUSAL ON ALL MATERIALS. ALL MATERIALS REFUSED & DEMOLISHED SHALL BE REMOVED AND DISCARDED BY THE CONTRACTOR.
- COORDINATE ANY MODIFICATION OF SECURITY, FIRE ALARM SYSTEM, WELL AND OTHER SERVICES WITH THE OWNER. SCHEDULE INTERRUPTION OF ANY SERVICE 2 WEEKS IN ADVANCE WITH TO OWNER'S SATISFACTION.
- DASHED LINES IN PLAN INDICATE REMOVAL OF ITEMS AS NOTED SEE MEP FOR REMOVAL OF MECHANICAL, ELECTRICAL AND PLUMBING ITEMS. REMOVE ABANDONED OR UNUSED DUCTWORK AND CONDUITS, U.N.O. WHERE WIRING NO LONGER CONNECTS TO
- EQUIPMENT, IT SHALL END IN A CLOSED JUNCTION ABOVE ACCESSIBLE CEILING.
 WHERE INDICATED REMOVE ALL EXISTING VCT, TILE, EPOXY, AND CARPET FINISHES, INCLUDING ADHESIVES, DOWN TO CONCRETE SLAB WITHIN THE SCOPE OF WORK (AS NOTED ON THE DEMOLITION PLAN). LEVEL FLOOR AT RECESSED AREAS TO BE FLUSH WITH SURROUNDING ELEVATION PER SPECIFICATIONS.
- REMOVAL AND STORAGE OF EXISTING EQUIPMENT, FURNITURE OR MILLWORK SHALL BE PERFORMED BY THE OWNER, PRIOR TO CONTRACTORS DEMOLITION START.
- PATCH AND REPAIR ALL EXISTING GYPSUM BOARD OR PLASTER WALLS THAT REMAIN TO RECEIVE NEW PAINT FINISH.
 REMOVE AND DISCARD ALL, ABANDONED RECEPTACLES, AND ASSOCIATED WIRING AND DEVICES, U.N.O. PATCH AND REPAIR SURFACES TO MATCH ADJACENT FINISHES AS REQUIRED.



REMOVE EXISTING FLOOR FINISH AND BASE. PREP SLAB FOR NEW FLOOR FINISH

DEMOLITION KEYNOTES:

- D02.00 REMOVE EXISTING WOOD STUD WALLS, ROOF AND FRAMING ABOVE EXISTING BRICK WALL. PROTECT ADJACENT BUILDING THROUGHOUT DEMOLITION AND CONSTRUCTION. PATCH AND REPAIR ADJACENT
- PINISHES TO MATCH EXISTING.

 D02.01 REMOVE EXISTING PARTITION TO THE EXTENT SHOWN INCLUDING ALL TRIM, MOULDING. PATCH AND REPAIR ADJACENT FINISHES TO MATCH EXISTING.
 D02.02 REMOVE PORTION OF EXISTING WALL AS REQUIRED FOR NEW
- OPENING AND HEADER. D02.03 REMOVE EXISTING MAILBOX.
 D02.04 COORDINATE WITH UNDERGROUND PLUMBING DEMO. DEMO THE EXISTING WET WALL AND SLAB ON GRADE AS REQUIRED TO REMOVE THE EXISTING UNDERGROUND PLUMBING AS SHOWN.
- D03.00 REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR INSTALLATION OF NEW PLUMBING. D04.00 CLEAN AND PATCH EXISTING MASONRY TO REMAIN.
 D08.00 REMOVE EXISTING DOOR OR WINDOW, INCLUDING FRAME AND
- HARDWARE.

 D08.01 REMOVE DOOR, FRAME, HARDWARE AND THRESHOLD. PATCH AND REPAIR CONCRETE SLAB AND WALL TO PREPARE AREA FOR NEW DOOR AND TRANSITION STRIP. SEE PLAN AND DOOR SCHEDULE.
 D08.02 REMOVE DOOR INCLUDING FRAME AND HARDWARE. FILL VOID,
- MATCHING EXISTING ADJACENT MATERIAL AND FINISH. EXISTING DOOR AND OPENING TO REMAIN SUSPENDED CEILING TO BE REMOVED THIS AREA ONLY. INCLUDING
- GRID AND TILE.
 EXISTING GYP. CEILING TO BE REMOVED.
 REMOVE EXISTING TOILET PARTITIONS AND TOILET ACCESSORIES.
 PATCH AND REPAIR FINISH TO MATCH ADJACENT SURFACE.
 RELOCATE EXISTING SYSTEMS EQUIPMENT PER MEP PLANS.
- REMOVE EXISTING PLUMBING FIXTURES. SEE PLUMBING DRAWINGS. PATCH AND REPAIR FINISH TO MATCH ADJACENT SURFACE. OWNER TO REMOVE AND STORE ALL LOOSE EQUIPMENT AND SHELVING. KITCHEN HOODS TO REMAIN. ALL OTHER EQUIPMENT ATTACHED TO WALLS, SITTING ON FLOORS, PLUMBED, AND/OR
- BY CONTRACTOR. DOCUMENT CONDITION PRIOR TO REMOVAL AND PROTECT UNTIL REINSTALLED.

 D22.04 REMOVE EXISTING FLOOR DRAIN. SEE PLUMBING DRAWINGS.
 DEMO EXTERIOR BASEBOARD HEATER, CONDUIT, AND LIGHTING

FLOOR PLAN LEGEND

EXISTING AREA, NOT IN CONTRACT

•••••••••••••• 1-HR FIRE BARRIER, UNO

EXISTING WALL CONSTRUCTION TO REMAIN

===== WALL CONSTRUCTION TO BE REMOVED

NEW STUD WALL CONSTRUCTION NEW CMU WALL CONSTRUCTION

DOOR TO BE REMOVED

• • • • 2-HR FIRE BARRIER, UNO

LIGHT FIXTURE TO BE REMOVED

STATE OF MISSOURI MIKE KEHOE,



AKE | WELL square, su |, mo 6580 |.518.4545 ark central (springfield, p. 1.833.6

OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, **DESIGN AND CONSTRUCTION DEPARTMENT OF** MISSOURI NATIONAL **GUARD**

LEBANON READINESS CENTER - REPAIRS TO INTERIOR / EXTERIOR

301 WEST FREMONT LEBANON, MISSOURI, 65536

PROJECT # T2507-01 SITE# 6286 FACILITY # 8136286002

REVISION: REVISION DATE: **REVISION**: DATE:

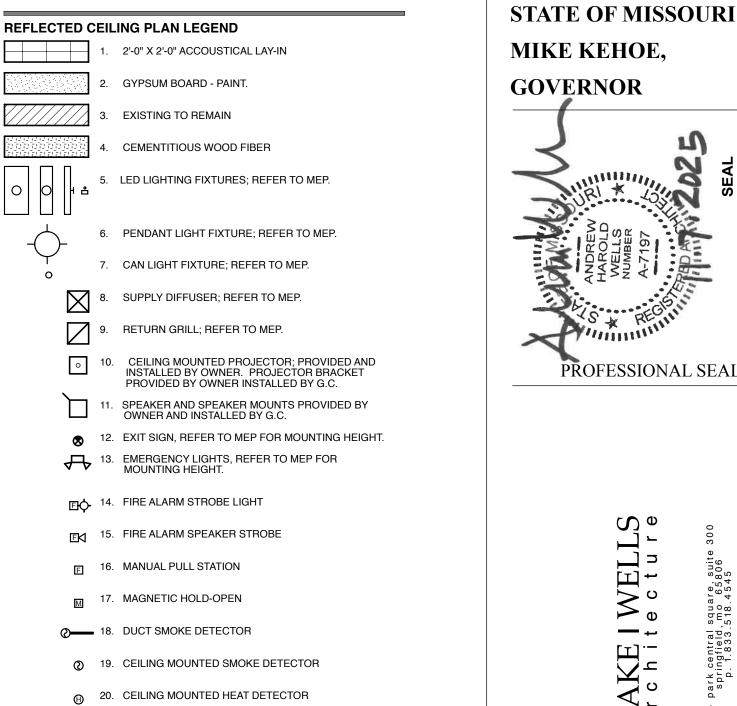
ISSUE DATE: 11/07/2025 CAD DWG FILE:T2507-01

DRAWN BY: EW CHECKED BY: CS DESIGNED BY: EW/CS

SHEET TITLE: **DEMOLITION** REFLECTED CEILING PLAN

SHEET NUMBER:





GENERAL CEILING PLAN NOTES:

NEW WALLS ARE SHOWN AS OPEN LINES. INFILL OF EXISTING OPENINGS SHALL MATCH THE EXISTING WALL CONSTRUCTION.
DIAGONALLY HATCHED WALLS ARE EXISTING ELEMENTS AND ARE TO
BE PROTECTED AND REPAIRED AFTER DEMOLITION.
COLORS BY ARCHITECT SHALL BE SELECTED FROM MANUFACTURER'S
FULL COLOR RANGE.

FACP 21. FIRE ALARM CONTROL PANEL

- FULL COLOR RANGE.
 FIELD VERIFY ALL DIMENSIONS SHOWN ON DRAWINGS. NOTIFY
 ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES.
 VERIFY ALL ELECTRICAL AND MECHANICAL ITEMS (TYPES, SIZES, AND
 LOCATIONS) WITH MEP SHEETS.
 CONCEAL CONDUIT WITHIN CEILING CAVITIES, ALONG STRUCTURE, OR
 BETWEEN METAL DECKING RIBS WHEREVER POSSIBLE. EXPOSED
 CONDUIT WILL NOT BE PERMITTED.
 ACOUSTIC CEILING TILES TO BE CENTERED IN ROOMS TYP. CEILING
 TILE BORDER CUTS, SHALL BE GREATER THAT FOUR INCHES IN WIDTH -
- TILE BORDER CUTS SHALL BE GREATER THAT FOUR INCHES IN WIDTH -PAINT EXPOSED MECHANICAL, ELECTRICAL, AND PLUMBING
- EQUIPMENT UNLESS NOTED OTHERWISE.
 DOUBLE GRIDS ALONG THE WALL TRACK WILL NOT BE PERMITTED. CLEAN ALL SUPPLY AND RETURN GRILLES THAT ARE EXISTING TO
- 11: SUBMIT FOR RECORD DOCUMENTATION OF ALL DAMAGED CEILING

CEILING TYPES:

C9A: 2'-0" X 2'-0" ACOUSTICAL LAY-IN CEILING. C9B: GYPSUM BOARD CEILING

MIKE KEHOE, **GOVERNOR**



AKE | WELL rk central square, si pringfield, mo 658C p. 1.833.518.4545

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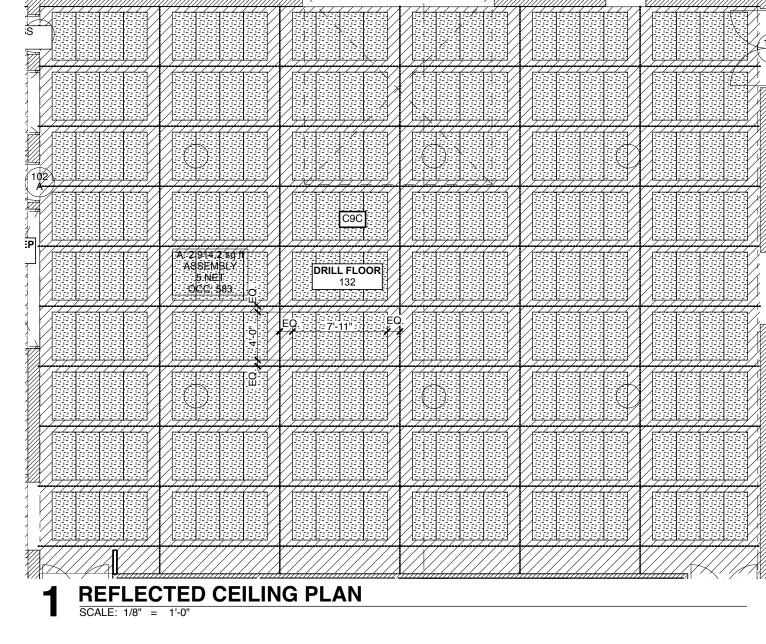
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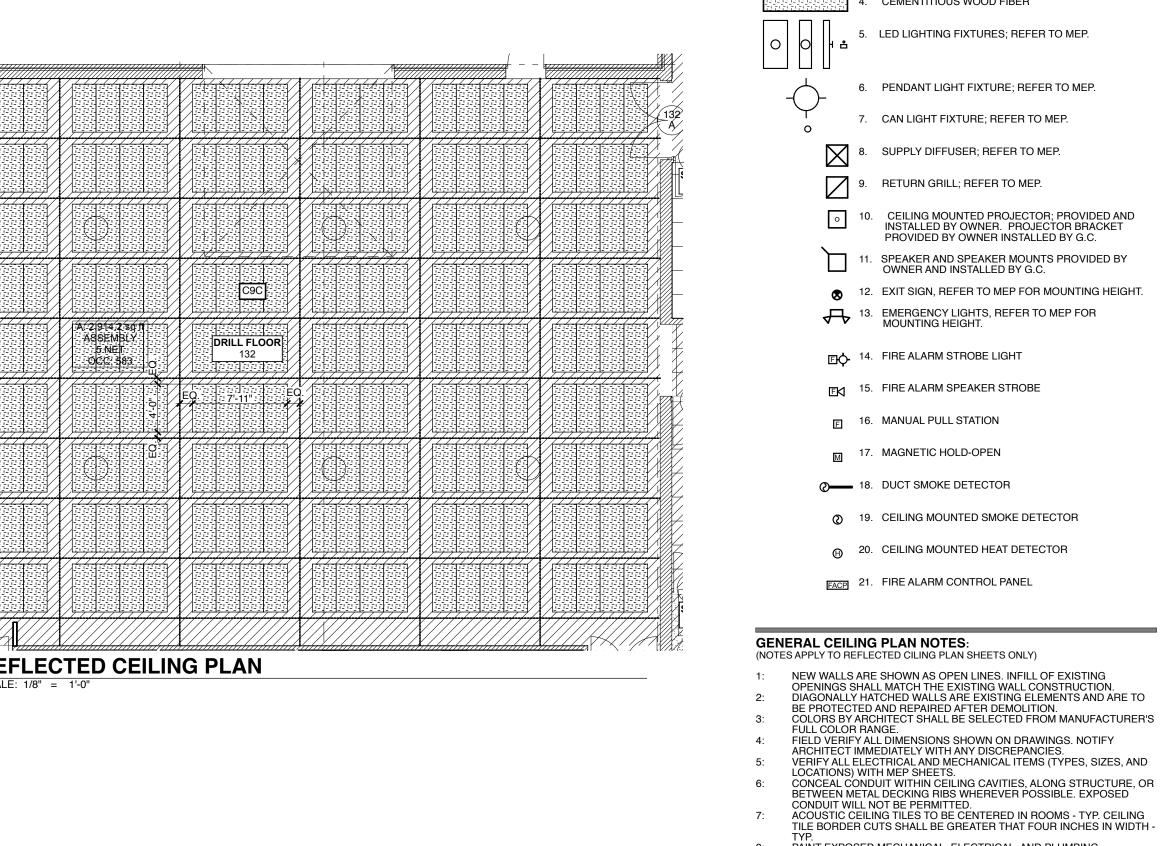
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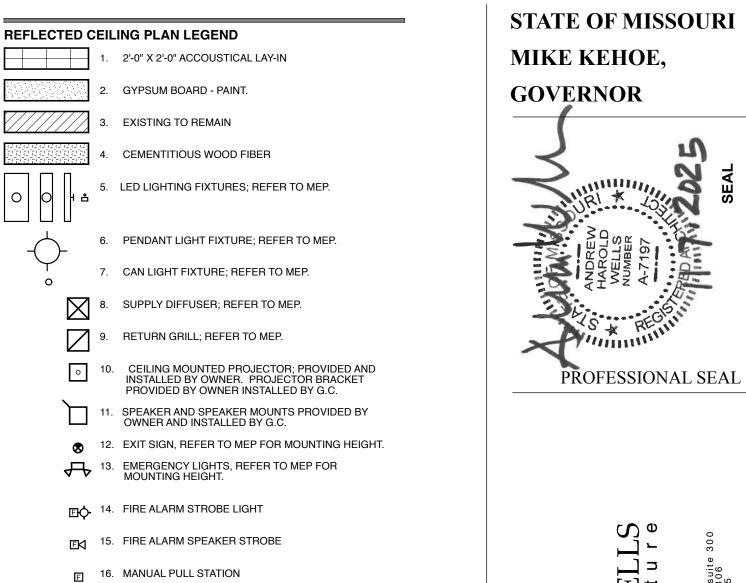
CAD DWG FILE:T2507-01 DRAWN BY: EW
CHECKED BY: CS
DESIGNED BY: EW/CS

SHEET TITLE: REFLECTED CEILING PLAN

SHEET NUMBER:







PAINT EXPOSED MECHANICAL, ELECTRICAL, AND PLUMBING
EQUIPMENT UNLESS NOTED OTHERWISE.
DOUBLE GRIDS ALONG THE WALL TRACK WILL NOT BE PERMITTED.
CLEAN ALL SUPPLY AND RETURN GRILLES THAT ARE EXISTING TO
REMAIN

C9A: 2'-0" X 2'-0" ACOUSTICAL LAY-IN CEILING.
C9B: GYPSUM BOARD CEILING
C9C: -1" CEMENTITIOUS WOOD FIBER PANEL
-2 X 4 WOOD FURRING TIGHT TO STRUCTURE W/ ACOUSTICAL
BATT INSULATION (R-8) MOUNTING TYPE C-40
COLOR: WHITE"

CEILING TYPES:

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

AKE | WELLS

park central square, sui springfield, mo 65806 p. 1.833.518.4545

CONSTRUCTION DEPARTMENT OF

11: SUBMIT FOR RECORD DOCUMENTATION OF ALL DAMAGED CEILING MISSOURI NATIONAL

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LEBANON READINESS CENTER - REPAIRS TO INTERIOR / EXTERIOR

301 WEST FREMONT LEBANON, MISSOURI, 65536

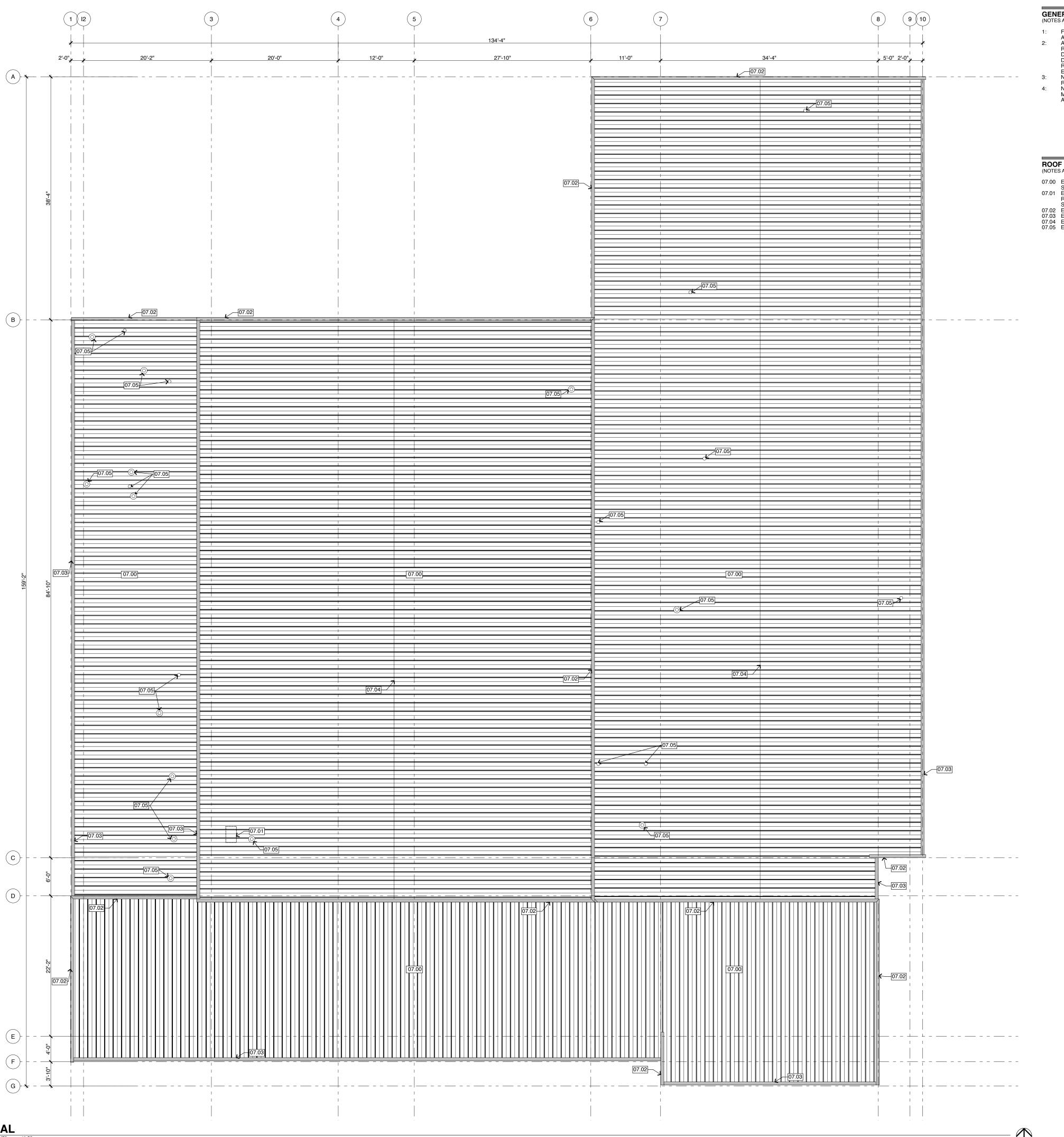
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ISSUE DATE: 11/07/2025	

CAD DWG FILE:T2507-01 DRAWN BY: EW CHECKED BY: CS DESIGNED BY: EW/CS

SHEET TITLE: ALTERNATE 1: ACCOUSTIC **PANELS**

SHEET NUMBER:



GENERAL ROOF PLAN NOTES: (NOTES APPLY TO ROOF PLAN SHEETS ONLY)

- FIELD VERIFY ALL DIMENSIONS SHOWN ON DRAWINGS. NOTIFY ARCHITECT IMMEDIATELY WITH ANY DISCREPANCIES.
 ALL EXPOSED COMPONENTS AND CLADDING ASSEMBLIES AND ROOF COVERINGS SHALL RESIST RAINWATER PENETRATION DURING DESIGN WINDSTORM EVENT. THE ROOF SHALL BE DESIGNED AND INSTALLED TO MEET THE WIND LOAD REQUIREMENTS AS PRESCRIBED BY AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) 7-05 (90 MPH)
 NOTES CONTAINING THE ACRONYM "NRCA" REFER TO THE "NATIONAL ROOFING CONTRACTORS ASSOCIATION" ROOFING MANUAL. NOTES CONTAINING THE ACRONYM "SMACNA" REFER TO THE "SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION" ARCHITECTURAL SHEET METAL MANUAL.

ROOF PLAN KEYNOTES:

07.00 ENTIRE ROOF AREA TO RECEIVE A FLUID APPLIED ROOFING SYSTEM, SEE SPECS.
07.01 EXISTING UNIT HEATER FLUE PIPING ROOF PENETRATION TO BE REMOVED AND PATCHES WITH ROOFING IN KIND PRIOR TO RMI SYSTEM BEING APPLIED. SEE MEP DRAWINGS.
07.02 EXISTING CAP FLASHING.
07.03 EXISTING DRIP EDGE FLASHING AND GUTTER.
07.04 EXISTING METAL ROOFING LAP SEAM.
07.05 EXISTING ROOF PENETRATION.

PROFESSIONAL SEAL

STATE OF MISSOURI

MIKE KEHOE,

GOVERNOR

DAKE | WELL

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CHECKED BY: CS
DESIGNED BY: EW/CS

SHEET TITLE:
ROOF PLAN

SHEET NUMBER:



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LEBANON READINESS CENTER BUILDING RENOVATION

301 WEST FREMONT RD LEBANON, MO 65536

DIVISION 26 SPECIFICATIONS:

26 05 00 - COMMON WORK FOR ELECTRICAL

UNANTICIPATED EXISTING CONDITIONS.

1. ALL ELECTRICAL WORK SHALL BE PERFORMED BY LICENSED ELECTRICAL CONTRACTOR AND SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF THE 2023 NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES AS ADOPTED BY THE AUTHORITY HAVING THIS SDICTION

 ALL PERMIT AND INSPECTION FEES SHALL BE INCLUDED IN BID.
 THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING THEIR BID. NO EXTRAS WILL BE PAID DUE TO

4. THE PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ACCURATE TO ACCURATE TO ACCURATE AND ACCURATE TO ACCURATE AND ACCURATE TO THE PLAN OF THE PROPERTY OF THE PROP

DIMENSIONS.

5. CONDUIT/CONDUCTOR LAYOUTS ARE DIAGRAMMATIC. FIELD COORDINATE EXACT LOCATIONS AND ROUTINGS WITH STRUCTURE,

PIPING, LIGHT FIXTURES, CONDUITS, ETC.

6. COOPERATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS. BEFORE ANY PIPING, DUCTWORK, CONDUIT, ETC. IS INSTALLED, IT SHALL BE

COORDINATED CAREFULLY BETWEEN ALL TRADES.

7. MAINTAIN ALL CLEARANCES REQUIRED BY ELECTRICAL EQUIPMENT.
COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR TO
MAINTAIN ALL CLEARANCES REQUIRED FOR EQUIPMENT. DO NOT

8. THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIAL FURNISHED BY THEM FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS.

ROUTE PIPING, DUCTWORK, ETC. ABOVE ELECTRICAL PANELS.

9. COORDINATE LIGHT FIXTURE LOCATIONS WITH OWNER,

STRUCTURE, AND OTHER TRADES PRIOR TO ROUGH-IN.

DIV 26 POWER LEGEND

JUNCTION BOX

DUPLEX, 20-AMP RECEPTACLE

DUPLEX WITH WEATHERPROOF ENCLOSURE, 20-AMP RECEPTACLE

SIMPLEX, 20-AMP RECEPTACLE

EMERGENCY PUSHBUTTON

20-AMP RECEPTACLE

DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, 20-AMP RECEPTACLE

DUPLEX INSTALLED ABOVE COUNTER,

SIMPLEX WITH NEMA CONFIGURATION

DOUBLE DUPLEX, 20-AMP RECEPTACLE

LIGHTING AND POWER PANELBOARD

DISTRIBUTION POWER PANELBOARD

10. REFER TO SPECIFICATION SHEET SECTIONS FOR ADDITIONAL REQUIREMENTS.

DIV 26	LIGHTING LEGEND
\$	SINGLE POLE, 20-AMP LIGHT SWITCH
\$3	THREE-WAY, 20-AMP LIGHT SWITCH
\$ ₄	FOUR-WAY, 20-AMP LIGHT SWITCH
\$ _D	DIMMER SWITCH
\$ ₂	TWO POLE, 20-AMP SWITCH
	EXIT LIGHT WITH EMERGENCY HEADS
	EMERGENCY LIGHT
$\circ \Box$	ROUND OR SQUARE CAN LIGHT
	2x4 LAY-IN FIXTURE
	EM - FIXTURE WITH EMERGENCY POWER NL - UNSWITCHED "NIGHT LIGHT" FIXTURE

PENDANT LIGHT FIXTURE

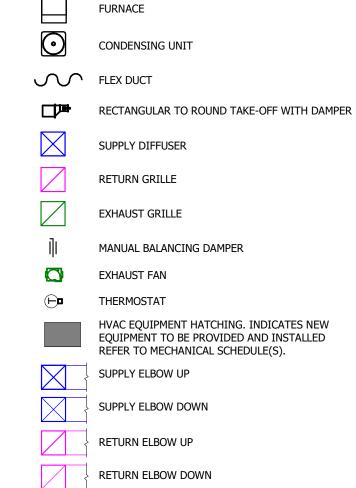
DIVISION 23 SPECIFICATIONS:

23 05 00 - COMMON WORK FOR HEATING, VENTILATION, AND AIR CONDITIONING

- 1. ALL MECHANICAL WORK SHALL BE PERFORMED BY LICENSED MECHANICAL CONTRACTOR AND SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF THE 2024 INTERNATIONAL MECHANICAL CODE AND ALL APPLICABLE LOCAL CODES AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION.
- 2. ALL PERMIT AND INSPECTION FEES SHALL BE INCLUDED IN BID.
- 3. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING THEIR BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.
- 4. THE PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR DIMENSIONS
- 5. DUCTWORK LAYOUTS ARE DIAGRAMMATIC. FIELD COORDINATE EXACT LOCATIONS AND ROUTINGS WITH STRUCTURE, PIPING, LIGHT FIXTURES, CONDUITS, ETC.
- 6. COOPERATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS. BEFORE ANY PIPING, DUCTWORK, CONDUIT, ETC. IS INSTALLED, IT SHALL BE COORDINATED CAREFULLY BETWEEN ALL TRADES.
- 7. MAINTAIN ALL CLEARANCES REQUIRED BY MECHANICAL EQUIPMENT. COORDINATE WITH ELECTRICAL AND PLUMBING CONTRACTOR TO MAINTAIN ALL CLEARANCES REQUIRED FOR EQUIPMENT. DO NOT ROUTE PIPING, DUCTWORK, ETC. ABOVE ELECTRICAL PANELS.
- 8. THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIAL FURNISHED BY THEM FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS.
- 9. REFER TO SPECIFICATION SECTIONS FOR ADDITIONAL REOUIREMENTS.

DIV 23 HVAC LEGEND

MITER ELBOW



EXHAUST ELBOW UP

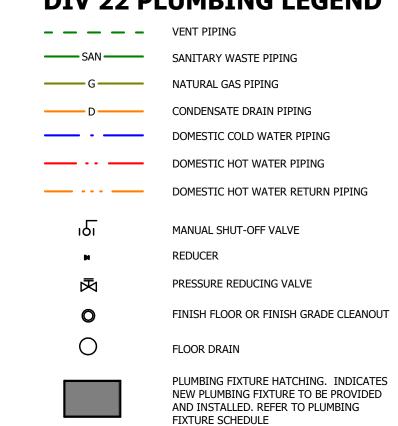
EXHAUST ELBOW DOWN

DIVISION 22 SPECIFICATIONS:

22 05 00 - COMMON WORK FOR PLUMBING

- 1. ALL PLUMBING WORK SHALL BE PERFORMED BY LICENSED PLUMBING CONTRACTORS AND SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF THE 2024 INTERNATIONAL PLUMBING CODE AND THE 2024 INTERNATIONAL FUEL GAS CODE AND ALL APPLICABLE LOCAL CODES AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION.
- 2. ALL PERMIT AND INSPECTION FEES SHALL BE INCLUDED IN BID.
- 3. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING THEIR BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.
- 4. THE PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED.
 REFER TO ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS
 FOR DIMENSIONS.
- 5. PIPING LAYOUTS ARE DIAGRAMMATIC. FIELD COORDINATE EXACT LOCATIONS AND ROUTINGS WITH STRUCTURE, DUCTWORK, LIGHT FIXTURES, CONDUITS, ETC.
- 6. COOPERATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS. BEFORE ANY PIPING, DUCTWORK, CONDUIT, ETC. IS INSTALLED, IT SHALL BE COORDINATED CAREFULLY BETWEEN ALL TRADES.
- 7. MAINTAIN ALL CLEARANCES REQUIRED BY PLUMBING EQUIPMENT. COORDINATE WITH ELECTRICAL AND HVAC CONTRACTOR TO MAINTAIN ALL CLEARANCES REQUIRED FOR EQUIPMENT. DO NOT ROUTE PIPING, DUCTWORK, ETC. ABOVE ELECTRICAL PANELS.
- 8. THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT,
 ACCESSORIES, AND MATERIALS FURNISHED BY THEM FOR A
 PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL
- 9. REFER TO SPECIFICATION SECTIONS FOR ADDITIONAL

DIV 22 PLUMBING LEGEND



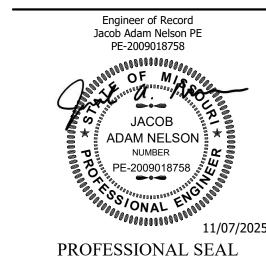


MISSOURI STATE CERTIFICATE OF AUTHORITY #E-2016000752

SPECIAL NOTICES: IN THE EVENT THE CLIENT CONSENTS TO, ALLOWS, AUTHORIZES OR APPROVES OF CHANGES TO ANY PLANS, SPECIFICATIONS OR OTHER CONSTRUCTION DOCUMENTS, AND THESE CHANGES ARE NOT APPROVED IN WRITING BY THE DESIGN PROFESSIONAL, THE CLIENT RECOGNIZES THAT SUCH CHANGES AND THE RESULTS THERE OF ARE NOT THE RESPONSIBILITY OF THE DESIGN PROFESSIONAL. THEREFORE, THE CLIENT AGREES TO RELEASE THE DESIGN PROFESSIONAL FROM ANY LIABILITY ARISING FROM THE CONSTRUCTION, USE OR RESULT OF SUCH CHANGES. IN ADDITION, THE CLIENT AGREES TO THE FULLEST EXTENT PERMITTED BY JAM, TO INDEMNIFY NAN HOLD ITHE DESIGN PROFESSIONAL HARMLESS FROM ANY DAMAGE, LIABILITY OR COST (INCLUDING REASONABLE ATTORNEYS FEES AND COSTS OF DEFENSE) ARISING FROM SUCH CHANGES.

THE PERSONAL SEAL OF THE REGISTERED ARCHITECT OR ENGINEER SHALL BE THE LEGAL EQUIVALENT OF HIS SIGNATURE WHENEVER & WHEREVER USED AND THE OWNER OF THE SEAL SHALL AUTHENTICATE THIS SHEET AND THE SPECIFICATION SECTIONS PERTIANING TO THIS SHEET. RESPONSIBILITY SHALL BE DISCLAIMED FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PRATTS OF THE ARCHITECTURAL PROJECT.

STATE OF MISSOURI MIKE KEHOE, GOVERNOR





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DEPARTMENT OF MISSOURI NATIONAL GUARD

LEBANON READINESS CENTER - REPAIRS TO INTERIOR/EXTERIOR

301 WEST FREMONT RD LEBANON, MO 65536

PROJECT # T2507-01 SITE # 6286

FACILITY # 8136286002

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CAD DWG FILE: T2507-01 DRAWN BY: TEG CHECKED BY: JN

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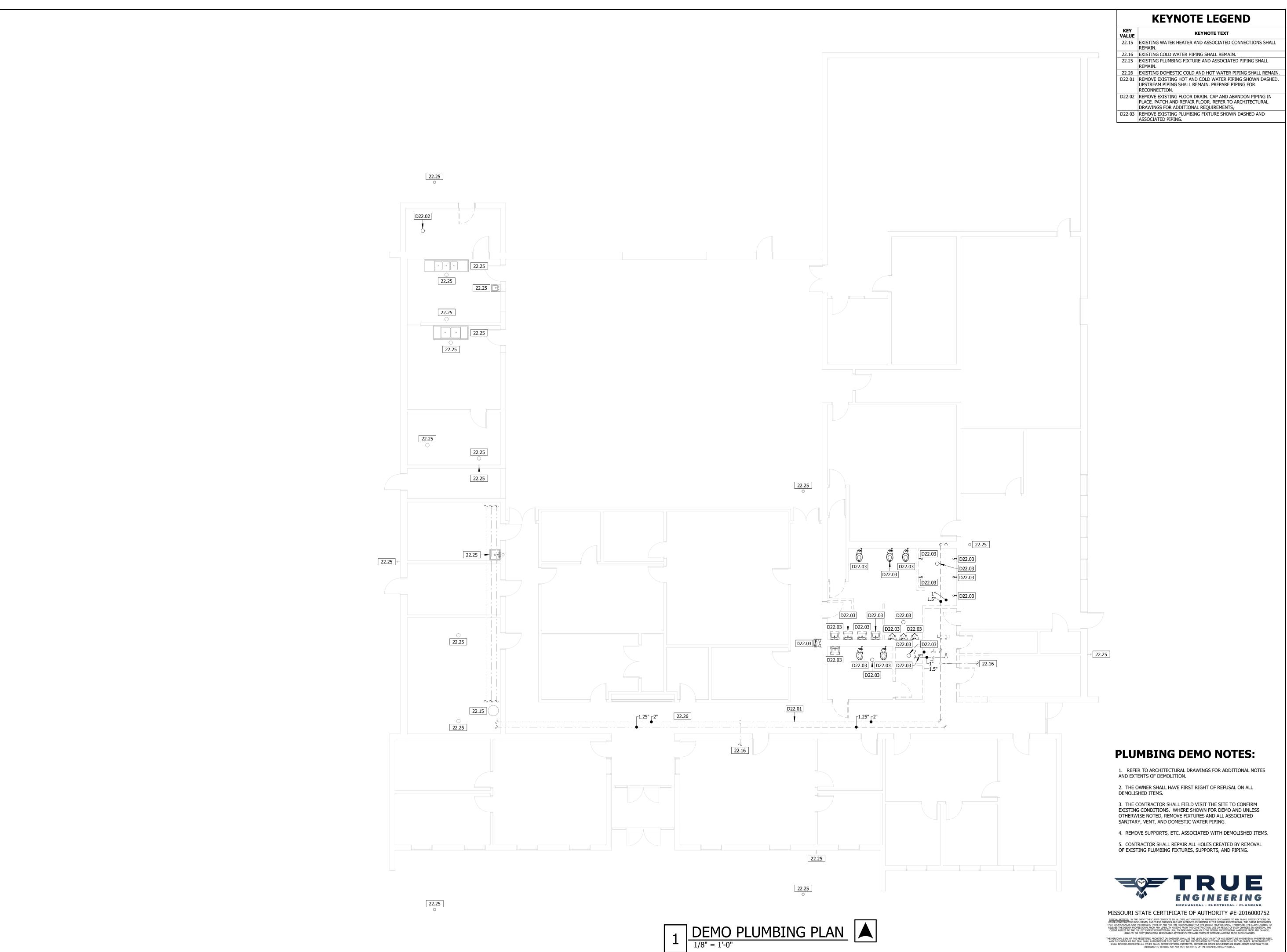
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JACOB

ADAM NELSON

NUMBER

PE-2009018758

11/07/2025

PROFESSIONAL SEAL

STATE OF MISSOURI

Jacob Adam Nelson PE

PE-2009018758

MIKE KEHOE,

GOVERNOR



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SHEET TITLE:

DEMO PLUMBING PLAN

SHEET NUMBER:

P-001



KEYNOTE LEGEND

KEYNOTE TEXT

22.01 2" TRAPPED WASTE UP TO FLOOR DRAIN.

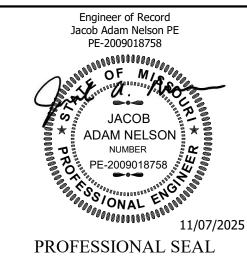
22.03 2" WASTE UP TO DRINKING FOUNTAIN.

22.11 EXISTING 4" WASTE PIPING UP TO FINISH FLOOR CLEANOUT SHALL REMAIN. FIELD VERIFY EXISTING SIZE AND LOCATION.

22.13 CONNECT NEW 3" WASTE PIPING TO EXISTING 4" WASTE PIPING. FIELD VERIFY EXISTING SIZE AND LOCATION.

22.14 SAW CUT SLAB FLOOR AS REQUIRED TO INSTALL NEW SANITARY WASTE PIPING.

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**





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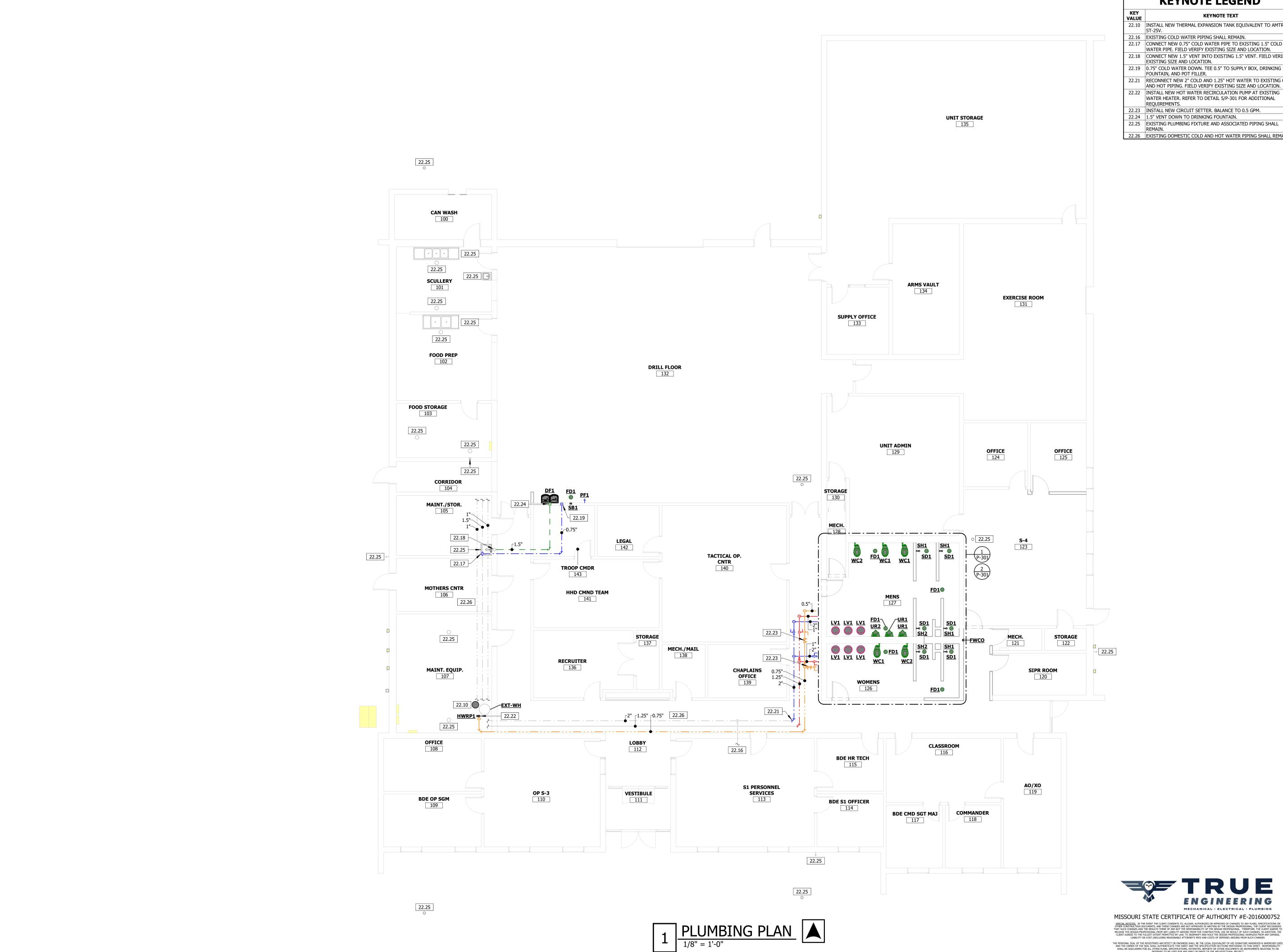
CAD DWG FILE: T2507-01 DRAWN BY: KP CHECKED BY: JN DESIGNED BY: JN

SHEET TITLE:

UNDERGROUND PLUMBING PLAN

SHEET NUMBER:

ENGINEERING



KEYNOTE LEGEND

KEYNOTE TEXT

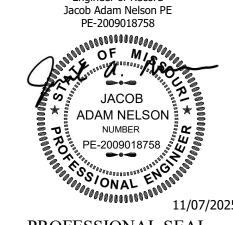
- 22.10 INSTALL NEW THERMAL EXPANSION TANK EQUIVALENT TO AMTROL
- 22.16 EXISTING COLD WATER PIPING SHALL REMAIN. 22.17 CONNECT NEW 0.75" COLD WATER PIPE TO EXISTING 1.5" COLD
- WATER PIPE. FIELD VERIFY EXISTING SIZE AND LOCATION. 22.18 CONNECT NEW 1.5" VENT INTO EXISTING 1.5" VENT. FIELD VERIFY EXISTING SIZE AND LOCATION.
- 22.19 0.75" COLD WATER DOWN. TEE 0.5" TO SUPPLY BOX, DRINKING FOUNTAIN, AND POT FILLER.
- 22.21 RECONNECT NEW 2" COLD AND 1.25" HOT WATER TO EXISTING COL AND HOT PIPING. FIELD VERIFY EXISTING SIZE AND LOCATION.
 - WATER HEATER. REFER TO DETAIL 5/P-301 FOR ADDITIONAL
- 22.23 INSTALL NEW CIRCUIT SETTER. BALANCE TO 0.5 GPM.
- 22.24 1.5" VENT DOWN TO DRINKING FOUNTAIN.
- 22.25 EXISTING PLUMBING FIXTURE AND ASSOCIATED PIPING SHALL
- 22.26 EXISTING DOMESTIC COLD AND HOT WATER PIPING SHALL REMAIN.

Jacob Adam Nelson PE PE-2009018758 JACOB

STATE OF MISSOURI

MIKE KEHOE,

GOVERNOR





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

DEPARTMENT OF MISSOURI NATIONAL **GUARD**

LEBANON READINESS CENTER - REPAIRS TO INTERIOR/EXTERIOR

301 WEST FREMONT RD LEBANON, MO 65536

PROJECT # T2507-01 6286 SITE# FACILITY # 8136286002

REVISION: DATE: **REVISION:** DATE: **REVISION:** DATE:

ISSUE DATE: 11/07/2025

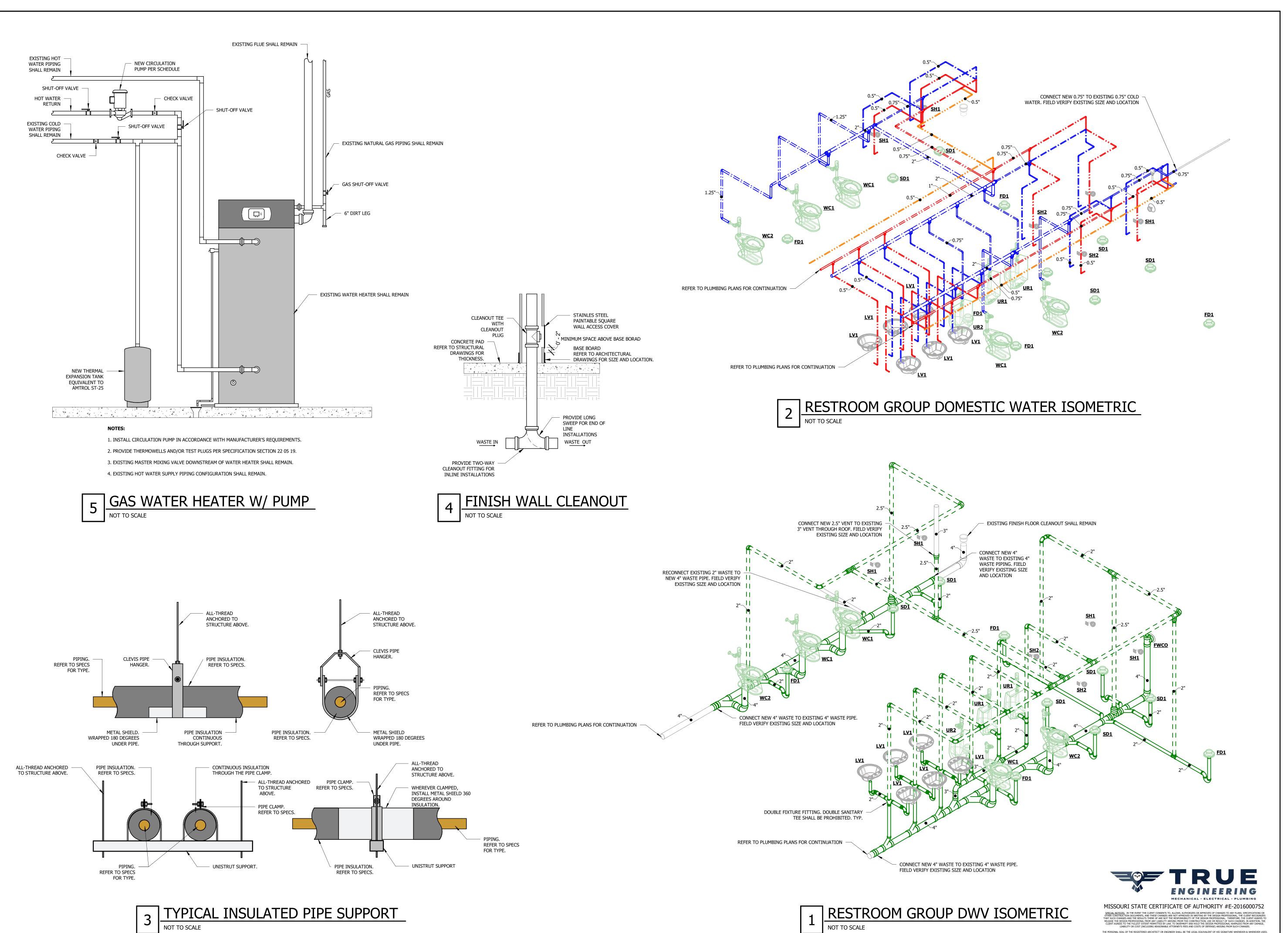
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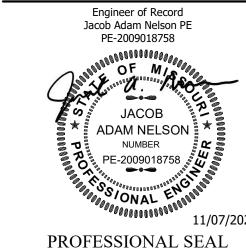
SHEET TITLE:

PLUMBING PLAN

SHEET NUMBER:

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DRAWN BY: KP

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DESIGNED BY: JN

SHEET TITLE:

PLUMBING DETAILS

SHEET NUMBER:

P-301

				PLUMBING FIXTURE SCHEDUI	_E					
NOTES:										
1.	REFER TO ARCHITEC	CTURAL DRAWINGS I	OR MOUNTING HEIG	SHT.						
2.	ALL COLORS AND FI	NISHES SELECTED B	Y ARCHITECT.							
3.	INSTALL ACCESSOR	IES AS RECOMMENDI	ED BY MANUFACTURE	er for ada compliance.						
4.	PROVIDE 17 GAUGE	CHROME PLATED BR	ASS WASTE, TAILPIE	CE AND P-TRAP. PROVIDE PLATED ESCUTCHEONS AT WALL PENETRATIONS.						
5.	PROVIDE TRUEBRO	HANDI-LAV-GUARD I	NSULATION KIT WHE	ERE EXPOSED. COLOR SHALL BE SELECTED BY THE ARCHITECT.						
6.	PROVIDE SHOCK AB	SORBER FOR ALL INI	DIVIDUAL FIXTURES	OR BATTERIES. SIZE UNITS SERVING FIXTURE BATTERIES PER MANUFACTURER.				1		
TYPE MARK	DESCRIPTION	MANUFACTURER	MODEL NUMBER	ACCESSORIES	CW SIZE	HW SIZE	WASTE	VENT	NOTES	EQUIVALENTS
DF1	BI-LEVEL DRINKING FOUNTAIN	ELKAY	EZSTL8WSSK	BI-LEVEL, BOTTLE FILLING STATION, SAFETY BUBBLER, QUARTER TURN STOPS, ZURN Z1225-BL CARRIER, ADA COMPLIANT	0.5"	-	2"	1.5"	1,2,3,4	SEE SPECS
FD1	FLOOR DRAIN	ZURN	Z415-BZ1	POLISHED NICKLE BRONZE TOP, 6" DIAMETER STRAINER, PROSET TRAP GUARD	-	-	2"	1.5"	-	SEE SPECS
FWCO	FINISH WALL CLEANOUT	CHARLOTTE	105X	STAINLESS STEEL ACCESS PANEL	-	-	SEE PLAN	-	2	SEE SPECS
LV1	INTEGRAL LAVATORY	SEE ARCH CASEWORK	SEE ARCH CASEWORK	ZURN Z82200-XL MANUAL FAUCET, 0.5 GPM, VANADAL RESISTANT, LAMINAR FLOW, GRID STRAINER, QUARTER TURN STOPS, WATTS LFUSG-B MIXING VALVE, ADA COMPLIANT	0.5"	0.5"	2"	1.5"	2,3,4,5	SEE SPECS
PF1	POT FILLER	CHICAGO	332-ABCP	FULL FLOW AERATOR	0.5"	-	-	-	1,2	SEE SPECS
SB1	ICE MACHINE SUPPLY BOX	GUY GRAY	M1B1HAAB	QUARTER TURN VALVE, HAMMER ARRESTER	0.5"	-	-	-	1,2	SEE SPECS
SD1	SHOWER DRAIN	ZURN	ZN415-BZ1	POLISHED NICKLE BRONZE TOP, 6" DIAMETER STRAINER, PROSET TRAP GUARD	-	-	2"	1.5"	-	SEE SPECS
SH1	SHOWER UNIT	ZURN	Z7500-i9-LS	FIXED SPRAY 1.5 GPM SHOWER HEAD, VANDAL RESISTANT, PRESSURE BALANCING SHOWER VALVE, NO SOAP DISH	0.5"	0.5"	-	-	1,2	SEE SPECS
SH2	ADA SHOWER UNIT	ZURN	Z7500-DV-HW-i9-LS	FIXED SPRAY 1.5 GPM SHOWER HEAD, HANDWALL UNIT, DIVERTER VALVE, VANDAL RESISTANT, PRESSURE BALANCING SHOWER VALVE, NO SOAP DISH, ADA COMPLIANT	0.5"	0.5"	-	-	1,2,3	SEE SPECS
UR1	URINAL	ZURN	Z5755-U	SLOAN ROYAL 186 MANUAL FLUSH VALVE, 1 GPM, VANDAL RESISTANT, ZURN Z1222 CARRIER	0.75"	-	2"	1.5"	1,2,6	SEE SPECS
UR2	ADA URINAL	ZURN	Z5755-U	SLOAN ROYAL 186 MANUAL FLUSH VALVE, 1 GPM, VANDAL RESISTANT, ZURN Z1222 CARRIER, ADA COMPLIANT	0.75"	-	2"	1.5"	1,2,3,6	SEE SPECS
WC1	WATER CLOSET	ZURN	Z5655-BWL1	SLOAN ROYAL 111 MANUAL FLUSH VALVE, 1.6 GPM, VANDAL RESISTANT, OPEN FRONT COMMERCIAL SEAT	1.25"	-	4"	2"	2,6	SEE SPECS
WC2	ADA WATER CLOSET	ZURN	Z5665-BWL	SLOAN ROYAL 111 MANUAL FLUSH VALVE, 1.6 GPM, VANDAL RESISTANT, OPEN FRONT COMMERCIAL SEAT, ADA COMPLIANT	1.25"	-	4"	2"	2,3,6	SEE SPECS

					PLUI	MBING P	UMP SO	CHEDULI	=				
NOTES:													
1.	PROVIDE EXTERNAL	TEMPERATURE SENS	OR FOR PUMP CON	ΓROL.									
2.	COORDINATE ELECT	RICAL CONNECTION	WITH ELECTRICAL (CONTRACTOR.									
3.	BEARINGS ARE TO B	E LUBRICATED BY TH	HE CIRCULATING FL	JID.									
TYPE MARK	MANUFACTURER	SERIES	INLET SIZE	DISCHARGE SIZE	GPM	PUMP HEAD (FT)	MOTOR HP (Watts)	CONSTRUCTION	FLUID TYPE	FLUID TEMPERATURE	VOLTAGE	NOTES	EQUIVALENTS
HWRP1	BELL & GOSSET	ECOCIRC+ 20-18	0.75"	0.75"	1	1	(70)	SS	DOMESTIC HOT WATER	140	120	1,2,3	SEE SPECS

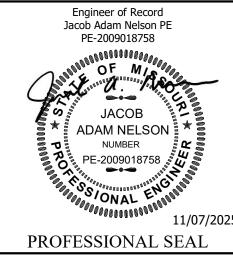


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THE PERSONAL SEAL OF THE REGISTERED ARCHITECT OR ENGINEER SHALL BE THE LEGAL EQUIVALENT OF HIS SIGNATURE WHENEVER & WHEREVER USED, AND THE OWNER OF THE SEAL SHALL AUTHENTICATE THIS SHEET AND THE SPECIFICATION SECTIONS PERTAINING TO THIS SHEET. RESPONSIBILITY SHALL BE DISCLAIMED FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTERNED TO BE USED FOR ANY PRATT OR PRATT OF THE AGREET OR OR INSTRUMENTS RELATING TO OR INTERNED.

STATE OF MISSOURI MIKE KEHOE, GOVERNOR





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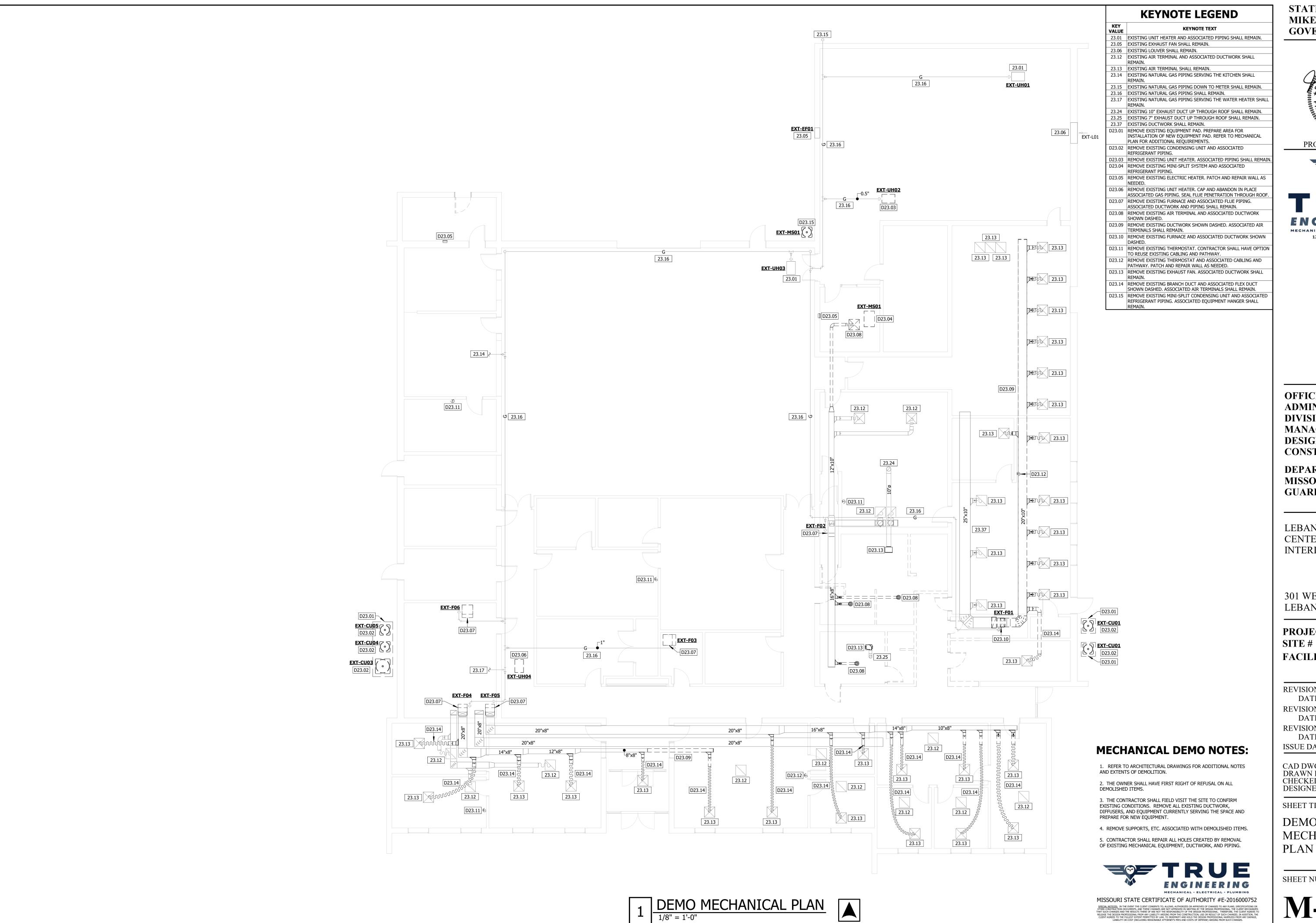
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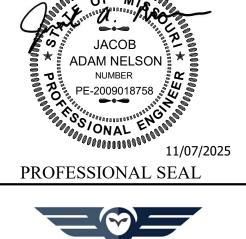
PLUMBING SCHEDULES

SHEET NUMBER:

P-401









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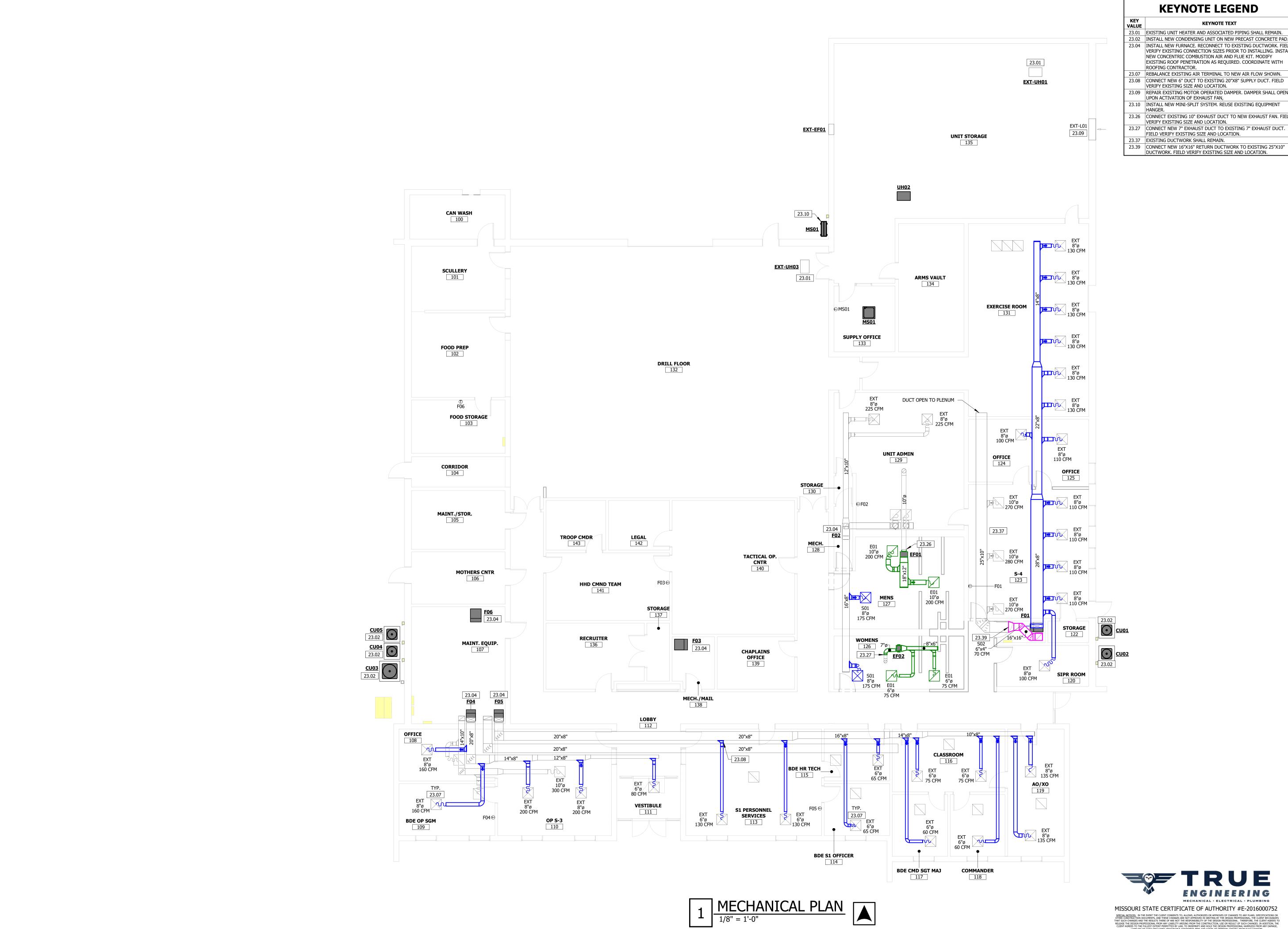
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SHEET NUMBER:



11/07/2025

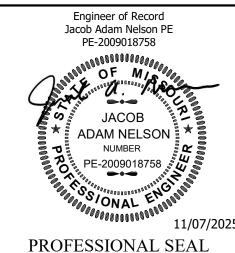


KEYNOTE LEGEND

KEYNOTE TEXT

- 23.01 EXISTING UNIT HEATER AND ASSOCIATED PIPING SHALL REMAIN. 23.02 INSTALL NEW CONDENSING UNIT ON NEW PRECAST CONCRETE PAD. 23.04 INSTALL NEW FURNACE. RECONNECT TO EXISTING DUCTWORK. FIELD VERIFY EXISTING CONNECTION SIZES PRIOR TO INSTALLING. INSTALL NEW CONCENTRIC COMBUSTION AIR AND FLUE KIT. MODIFY
- EXISTING ROOF PENETRATION AS REQUIRED. COORDINATE WITH ROOFING CONTRACTOR. 23.07 REBALANCE EXISTING AIR TERMINAL TO NEW AIR FLOW SHOWN.
- 23.08 CONNECT NEW 6" DUCT TO EXISTING 20"X8" SUPPLY DUCT. FIELD VERIFY EXISTING SIZE AND LOCATION.
- UPON ACTIVATION OF EXHAUST FAN, 23.10 INSTALL NEW MINI-SPLIT SYSTEM. REUSE EXISTING EQUIPMENT
- 23.26 CONNECT EXISTING 10" EXHAUST DUCT TO NEW EXHAUST FAN. FIEL
- 23.27 CONNECT NEW 7" EXHAUST DUCT TO EXISTING 7" EXHAUST DUCT. FIELD VERIFY EXISTING SIZE AND LOCATION.
- 23.39 CONNECT NEW 16"X16" RETURN DUCTWORK TO EXISTING 25"X10" DUCTWORK. FIELD VERIFY EXISTING SIZE AND LOCATION.

STATE OF MISSOURI MIKE KEHOE, **GOVERNOR**



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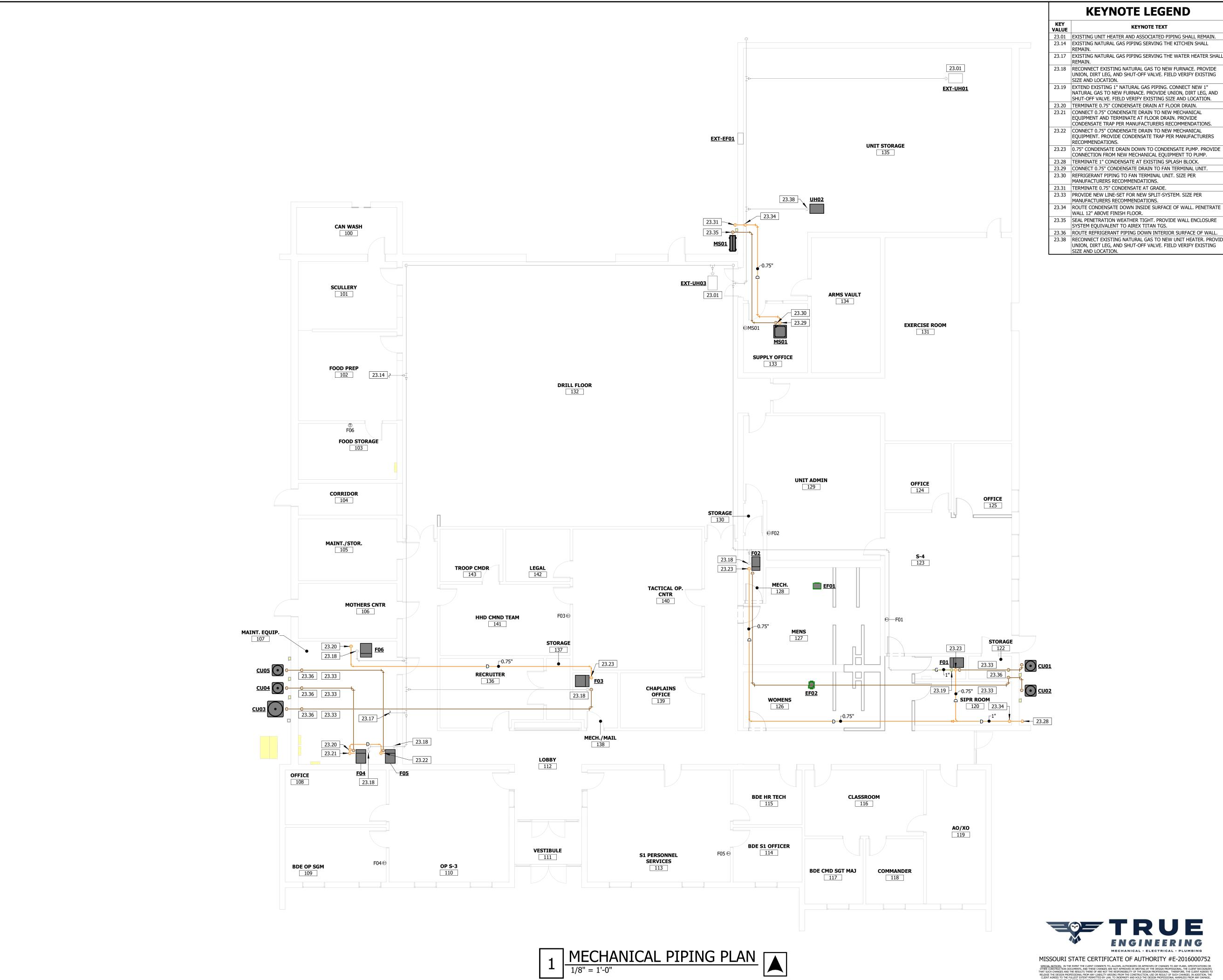
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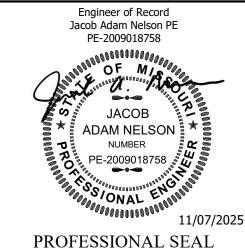


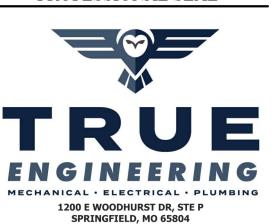
KEYNOTE LEGEND

KEYNOTE TEXT

- 23.01 EXISTING UNIT HEATER AND ASSOCIATED PIPING SHALL REMAIN.
- 23.14 EXISTING NATURAL GAS PIPING SERVING THE KITCHEN SHALL
- 23.18 RECONNECT EXISTING NATURAL GAS TO NEW FURNACE. PROVIDE
- UNION, DIRT LEG, AND SHUT-OFF VALVE. FIELD VERIFY EXISTING
- 23.19 EXTEND EXISTING 1" NATURAL GAS PIPING. CONNECT NEW 1" NATURAL GAS TO NEW FURNACE, PROVIDE UNION, DIRT LEG, AND
- SHUT-OFF VALVE. FIELD VERIFY EXISTING SIZE AND LOCATION. 23.20 TERMINATE 0.75" CONDENSATE DRAIN AT FLOOR DRAIN.
- EQUIPMENT AND TERMINATE AT FLOOR DRAIN. PROVIDE CONDENSATE TRAP PER MANUFACTURERS RECOMMENDATIONS. 23.22 CONNECT 0.75" CONDENSATE DRAIN TO NEW MECHANICAL EQUIPMENT. PROVIDE CONDENSATE TRAP PER MANUFACTURERS
- 23.23 0.75" CONDENSATE DRAIN DOWN TO CONDENSATE PUMP. PROVIDE CONNECTION FROM NEW MECHANICAL EQUIPMENT TO PUMP. 23.28 TERMINATE 1" CONDENSATE AT EXISTING SPLASH BLOCK.
- 23.29 CONNECT 0.75" CONDENSATE DRAIN TO FAN TERMINAL UNIT.
- 23.31 TERMINATE 0.75" CONDENSATE AT GRADE.
- 23.33 PROVIDE NEW LINE-SET FOR NEW SPLIT-SYSTEM. SIZE PER MANUFACTURERS RECOMMENDATIONS.
- WALL 12" ABOVE FINISH FLOOR.
- SYSTEM EQUIVALENT TO AIREX TITAN TGS. 23.36 ROUTE REFRIGERANT PIPING DOWN INTERIOR SURFACE OF WALL.
- 23.38 RECONNECT EXISTING NATURAL GAS TO NEW UNIT HEATER. PROVIDE UNION, DIRT LEG, AND SHUT-OFF VALVE. FIELD VERIFY EXISTING

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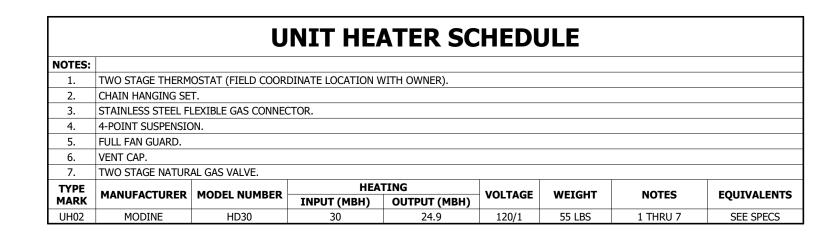
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MECHANICAL PIPING PLAN

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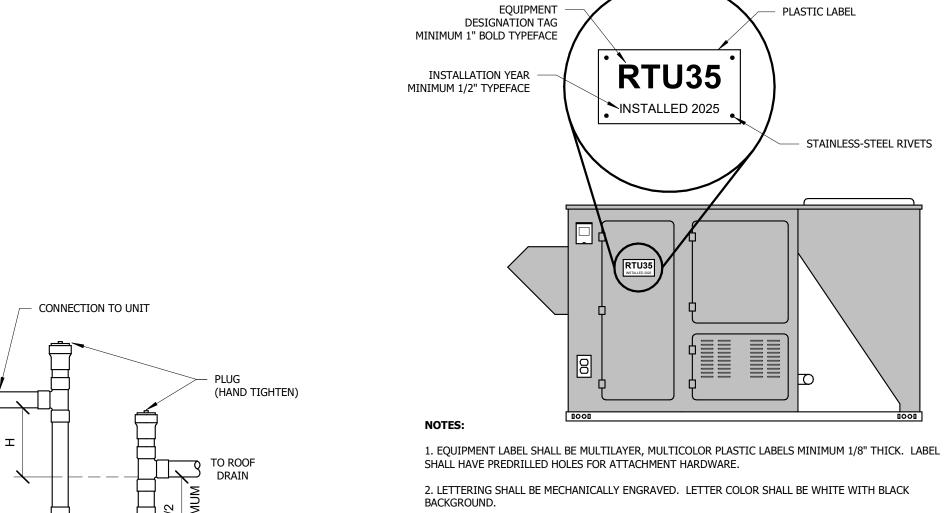
					/TOF O					
			A	TK DE	ICE SO	HEDU	LE			
NOTES:										
1.	GRILLE/DIFFUSER	NECK SHALL BE SAME	SIZE AS BRANCH	DUCTWORK UNLE	SS NOTED OTHER	WISE ON PLAN.				
2.	DIFFUSER DISCHA	RGE AIR PATTERN SH	ALL BE 4-WAY UN	LESS NOTED BY D	IRECTION ON PLA	NS.				
3.	GRILLE/DIFFUSER	SHALL BE FIELD PAIN	TABLE.							
4.	PROVIDE PLASTER	R FRAME ADAPTOR FO	R LAYIN INTO GYF	SUM CEILING.						
TYPE MARK	SYTEM TYPE	MANUFACTURER	MODEL NUMBER	FRAME	FINISH	DAMPER	MAX NC RATING	EXTERNAL STATIC (WC)	NOTES	EQUIVALENTS
E01	EXHAUST	KRUEGER	6690	GYP.	WHITE	-	30	0.1"	1,2,4	SEE SPECS
S01	SUPPLY	KRUEGER	PLQ	GYP.	WHITE	-	30	0.1"	1,2,4	SEE SPECS
S02	SUPPLY	KRUEGER	880	DUCT	PAINT	OBD	30	0.1"	2,3	SEE SPECS

				EXHAUS	T FAN S	CHEDUL	.E			
NOTES:										
1.	FACTORY MOUNTED DISC	ONNECTING MEANS.								
2.	GRAVITY BACKDRAFT DAM	IPER.								
3.	FAN SPEED CONTROLLER.									
4.	INTERIOR WIRE GUARD.									
5.	VIBRATION ISOLATION SU	JPPORTS.								
TYPE MARK	MANUFACTURER	MODEL NUMBER	CFM	EXTERNAL STATIC (WC)	MOUNTING	FINISH	VOLTAGE	MOTOR HP (WATTS)	NOTES	EQUIVALENTS
EF01	COOK	GN-622	400	0.25"	SUSPENDED	STANDARD	120/1	(116)	1,2,3,4,5	SEE SPECS
EF02	COOK	GN-168	150	0.25"	SUSPENDED	STANDARD	120/1	(50)	1,2,3,4,5	SEE SPECS

				M]	[NI-SPL]	IT SYST	EM SCHI	EDULE				
NOTES:												
1.	PROVIDE REFRIGERA	ANT LINE SET(S) SIZ	ED PER MANUFACTU	IRER'S RECOMMENDA	TIONS.							
2.	PROVIDE ALL REFRI	GERATION SYSTEM A	ACCESSORIES REQUI	RED BY MANUFACTUR	RER FOR GIVEN LINE	SET ROUTING.						
3.	PROVIDE BALL VALV	ES AT LIQUID AND S	SUCTION LINE FOR E	ACH BRANCH.								
TYPE MARK	MANUFACTURER	MODEL I	NUMBER	AMBIENT TE	MPERATURE	TOTAL MBH	HEATING MBH	VOLTAGE	MCA	МОСР	NOTES	EQUIVALENTS
MARK	MANUFACIURER	OUTDOOR UNIT	INDOOR UNIT	SUMMER DB/WB	WINTER DB/WB	TOTAL MIDIT	HEATING MBH	VOLTAGE	MCA	MOCP	NOTES	EQUIVALENTS
MS01	LG	KUSXB181A	KNUDB181A	96.1/73.0	0.0/0.0	16.1	8.7	208/1	16	25	1,2,3	SEE SPECS
MS01	LG	KUSXB181A	KNUDB181A	96.1/73.0	0.0/0.0	16.1	8.7	208/1	16	25	1,2,3	SEE SE

				Н	EAT I	PUMP	CON	IDEN	SING U	NIT SCH	IEDULE					
						<u> </u>										
NOTES:																
1.	PROVIDE REFRIGERA	ANT LINE SET(S	S) SIZED PER MANUFA	CTURER'S RECOMM	IENDATIONS.											
2.	PROVIDE ALL REFRI	GERATION SYS	TEM ACCESSORIES RE	QUIRED BY MANUF	ACTURER FOR	R GIVEN LINE	SET ROUTIN	G.								
3.	INSTALL ON PRECAS	T CONCRETE H	OUSEKEEPING PAD. F	REFER TO DETAIL.												
TYPE			CONDENSER	COIL MODEL		COO	LING			HEATING						
MARK	MANUFACTURER	TONNAGE	MODEL NUMBER	NUMBER		ENTERING		TOTAL	ENTERING AIR	TOTAL (MBU)	LEAVING AIR DB	MCA	МОСР	VOLTAGE	NOTES	EQUIVALENTS
					ATD DR	ATD WR	(MRH)	(MRH)	DR	TOTAL (MBH)	FEMALING WIK DR					
	DHEEM	1	DD17/QATV/CA	DCE6021CEAM	AIR DB	AIR WB	(MBH)	(MBH)	DB			20	45	209/1	1 7 2	CEE CDECC
CU01	RHEEM	4	RP1748AJVCA	RCF6021SEAM	72	60	35.5	43.2	68	33.4	90	28	45	208/1	1,2,3	SEE SPECS
CU01 CU02	RHEEM RHEEM	4 2	RP1748AJVCA RP1724AJVCA	RCF6021SEAM RCF2417SEAM			` ,	` '				28 21	45 35	208/1 208/1	1,2,3 1,2,3	SEE SPECS SEE SPECS
		4 2 4			72	60	35.5	43.2	68	33.4	90					
CU02	RHEEM	4 2 4 2	RP1724AJVCA	RCF2417SEAM	72 72	60 60	35.5 18.0	43.2 22.2	68 68	33.4 15.4	90	21	35	208/1	1,2,3	SEE SPECS

					FU	IRNACE	SCHEDU	JLE						
NOTES:														
1.	EXTERNAL STATIC PR	ESSURE INCLUDES WET C	COIL, EXCLUDES FILT	ER LOSS.										
2.	PROVIDE ACCESSIBLE	FILTER RACK AND 1" FIL	TERS WITH MINIMU	M MERV 8 RATING.										
3.	COMBUSTION INTAKE	AND EXHAUST CONCENT	RIC ROOF TERMINA	ΓΙΟΝ KIT.										
4.	PROVIDE PRO1 NETW	ORKABLE THERMOSTAT.												
5.	PROVIDE CONDENSAT	TE PUMP EQUIVALENT TO	LITTLE GIANT VCMA	-15 SERIES WITH SA	FETY SWITCH.									
TYPE MARK	MANUFACTURER	MODEL NUMBER	SUPPLY AIR (CFM)	OUTSIDE AIR (CFM)	EXTERNAL STATIC (WC)	ENTERING AIR DB	HEATING INPUT (MBH)	HEATING OUTPUT (MBH)	LEAVING AIR DB	MCA	МОСР	VOLTAGE	NOTES	EQUIVALENTS
F01	RHEEM	R96VA0852521MSB	1600	-	0.5"	68	84	82	95	8.8	20	120/1	1,2,3,4,5	SEE SPECS
F02	RHEEM	R96VA0402317MSA	800	-	0.5"	68	42	41	95	5.9	15	120/1	1,2,3,4,5	SEE SPECS
F03	RHEEM	R96VA1152524MSA	1600	-	0.5"	68	112	109	95	8.6	20	120/1	1,2,3,4,5	SEE SPECS
F04	RHEEM	R97VA070M317USA	800	-	0.5"	68	70	68	95	6.1	15	120/1	1,2,3,4	SEE SPECS
F05	RHEEM	R96VA0702317MSA	1000	-	0.5"	68	70	68	95	6.1	15	120/1	1,2,3,4	SEE SPECS
F06	RHEEM	R96VA1152524MSA	1600	1000	0.5"	0	112	109	90	8.6	20	120/1	1,2,3,4	SEE SPECS



AND FADE RESISTANCE.

The FAN INLET PRESSURE (IN. W.C.) + 1"

CONDENSATE TRAP

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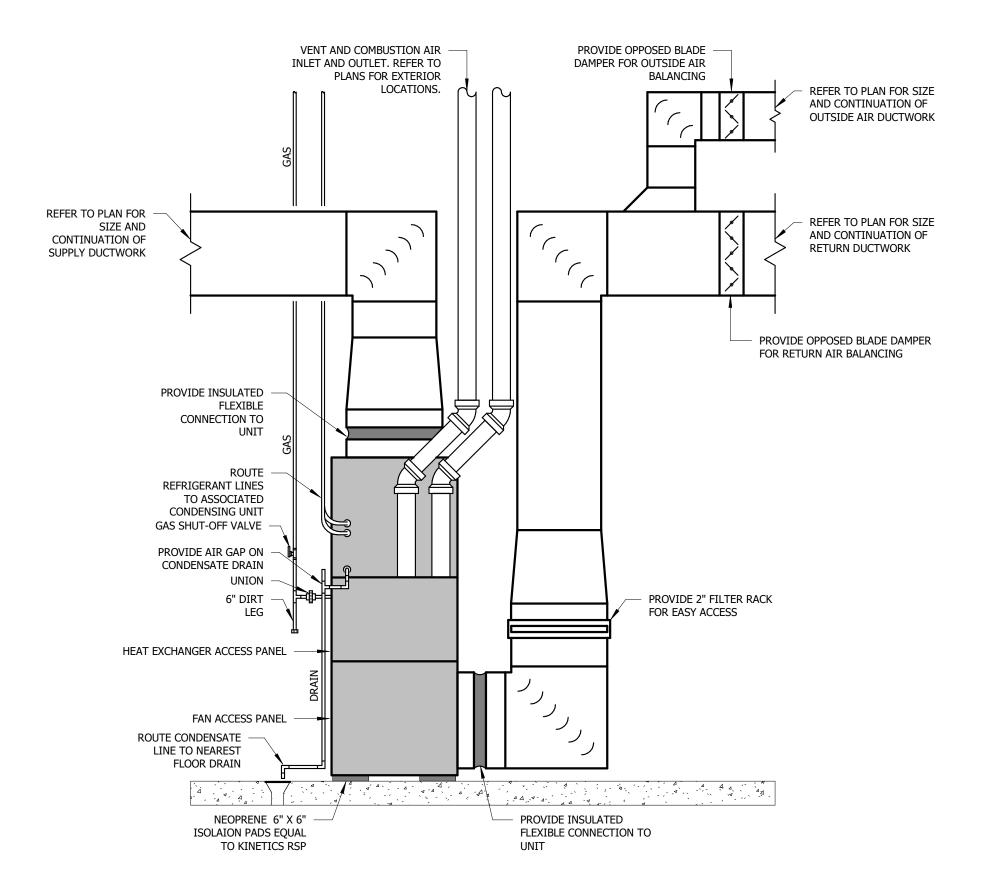
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2 EQUIPMENT LABEL

NOT TO SCALE

3. REFER TO SPECIFICATIONS FOR ADDITIONAL EQUIPMENT LABEL REQUIREMENTS.

3. LABEL AND LETTERING SHALL BE RATED FOR EXTERIOR APPLICATIONS WITH EXTENDED DURABILITY



1 FURNACE

NOT TO SCALE

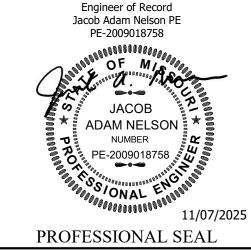


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STATE OF MISSOURI MIKE KEHOE, GOVERNOR





OFFICE OF ADMINISTRATION DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION

DEPARTMENT OF MISSOURI NATIONAL GUARD

LEBANON READINESS CENTER - REPAIRS TO INTERIOR/EXTERIOR

301 WEST FREMONT RD LEBANON, MO 65536

PROJECT # T2507-01 SITE # 6286 FACILITY # 8136286002

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:
ISSUE DATE:
11/07/2025

CAD DWG FILE: T2507-01 DRAWN BY: KP CHECKED BY: JN

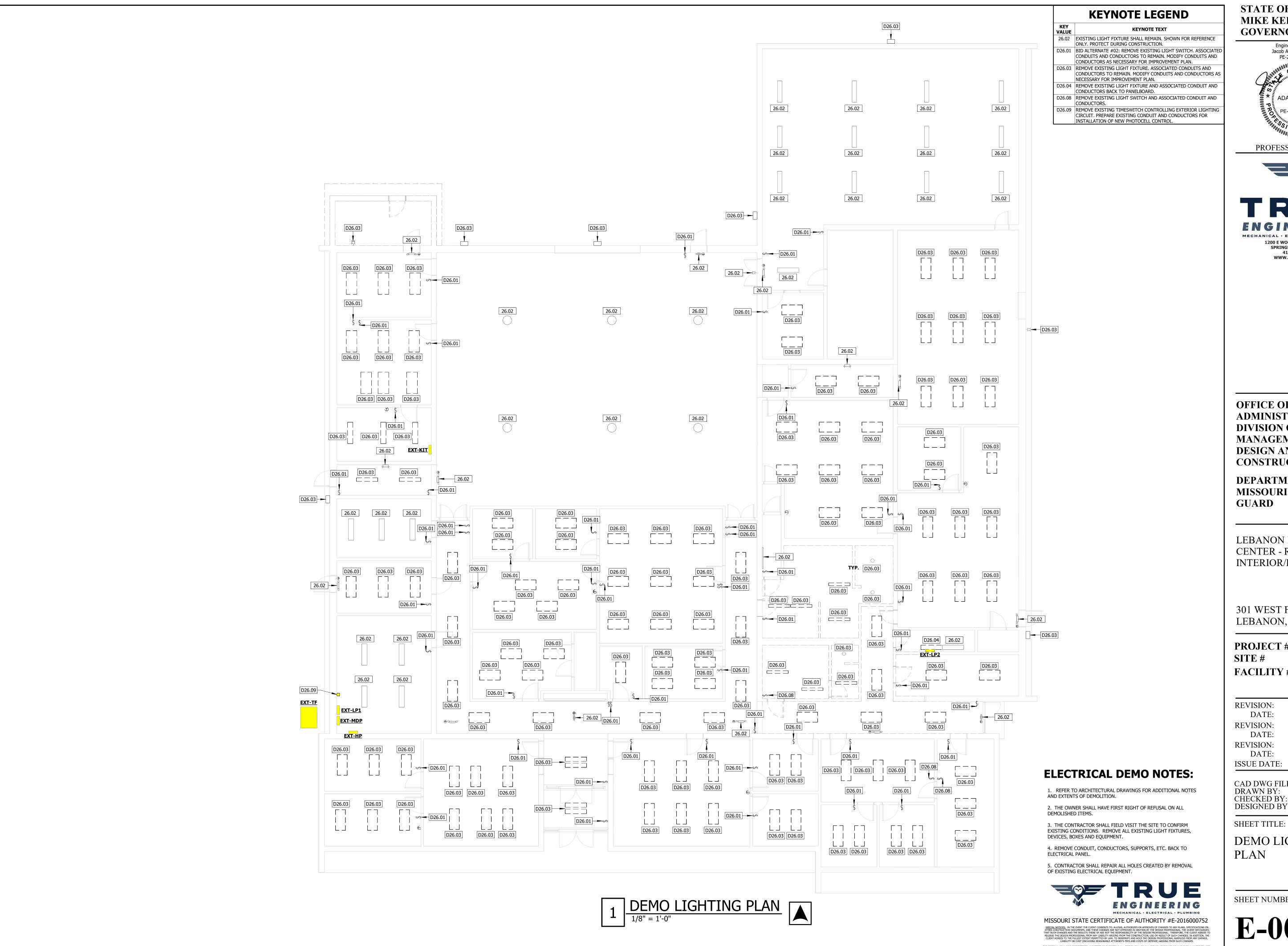
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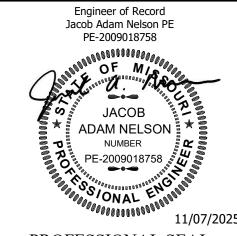
MECHANICAL DETAILS AND SCHEDULES

SHEET NUMBER:

11/07/2025

M-201
25 of 30 SHEETS







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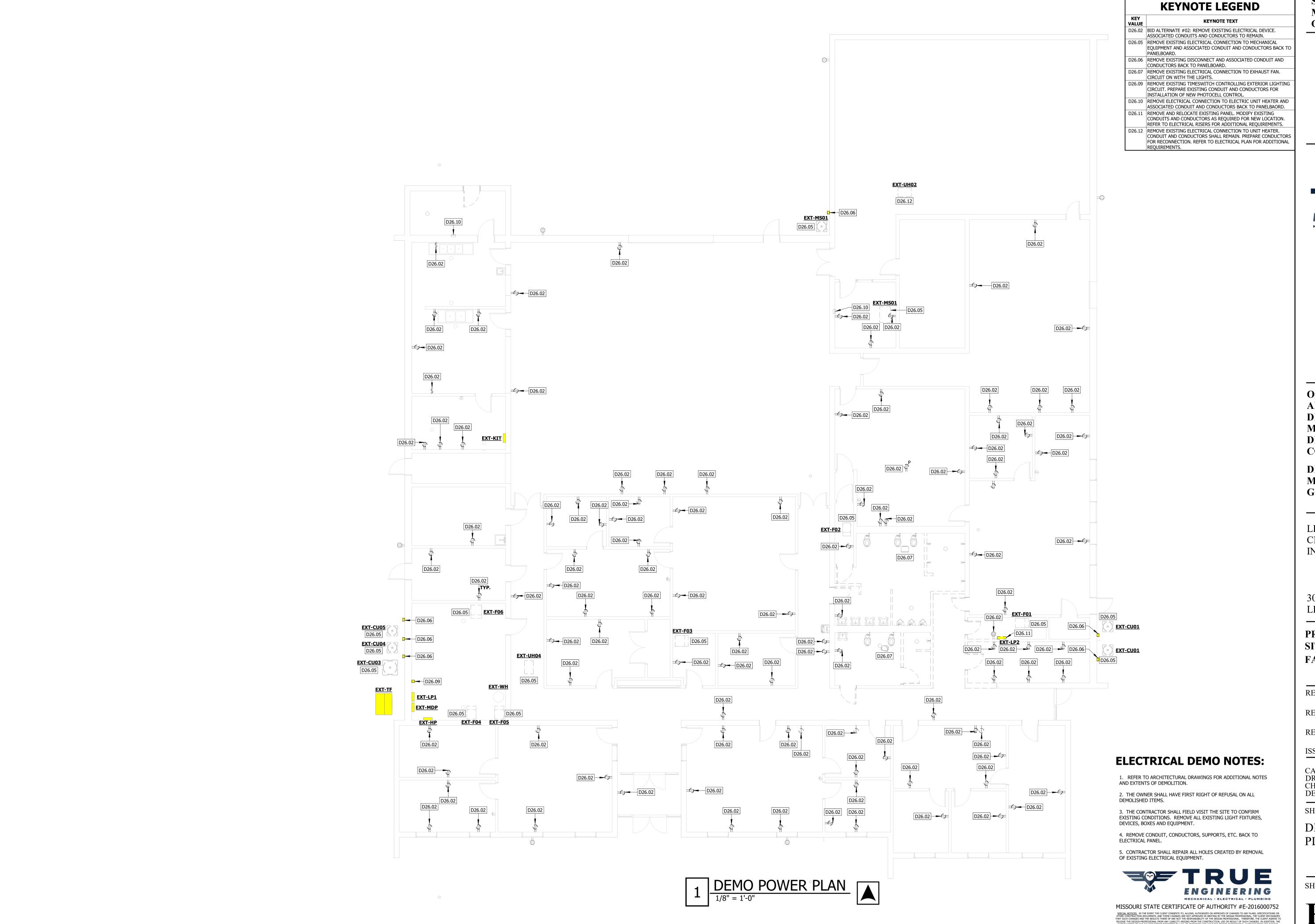
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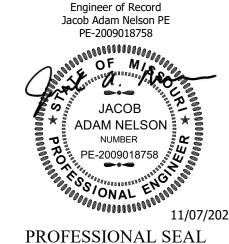
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DEMO LIGHTING PLAN

SHEET NUMBER:







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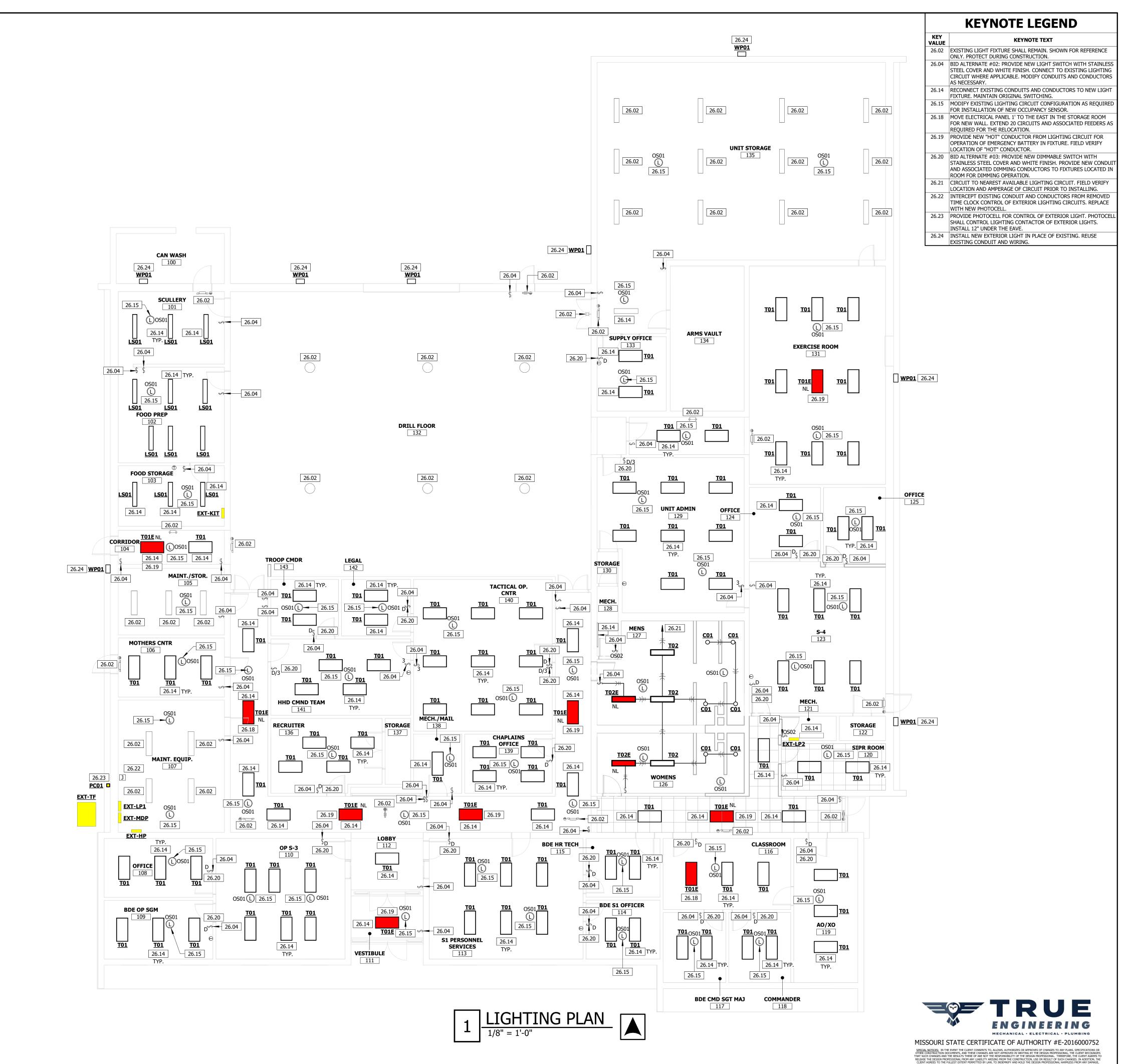
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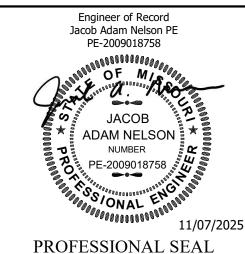
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DEMO POWER **PLAN**

SHEET NUMBER:







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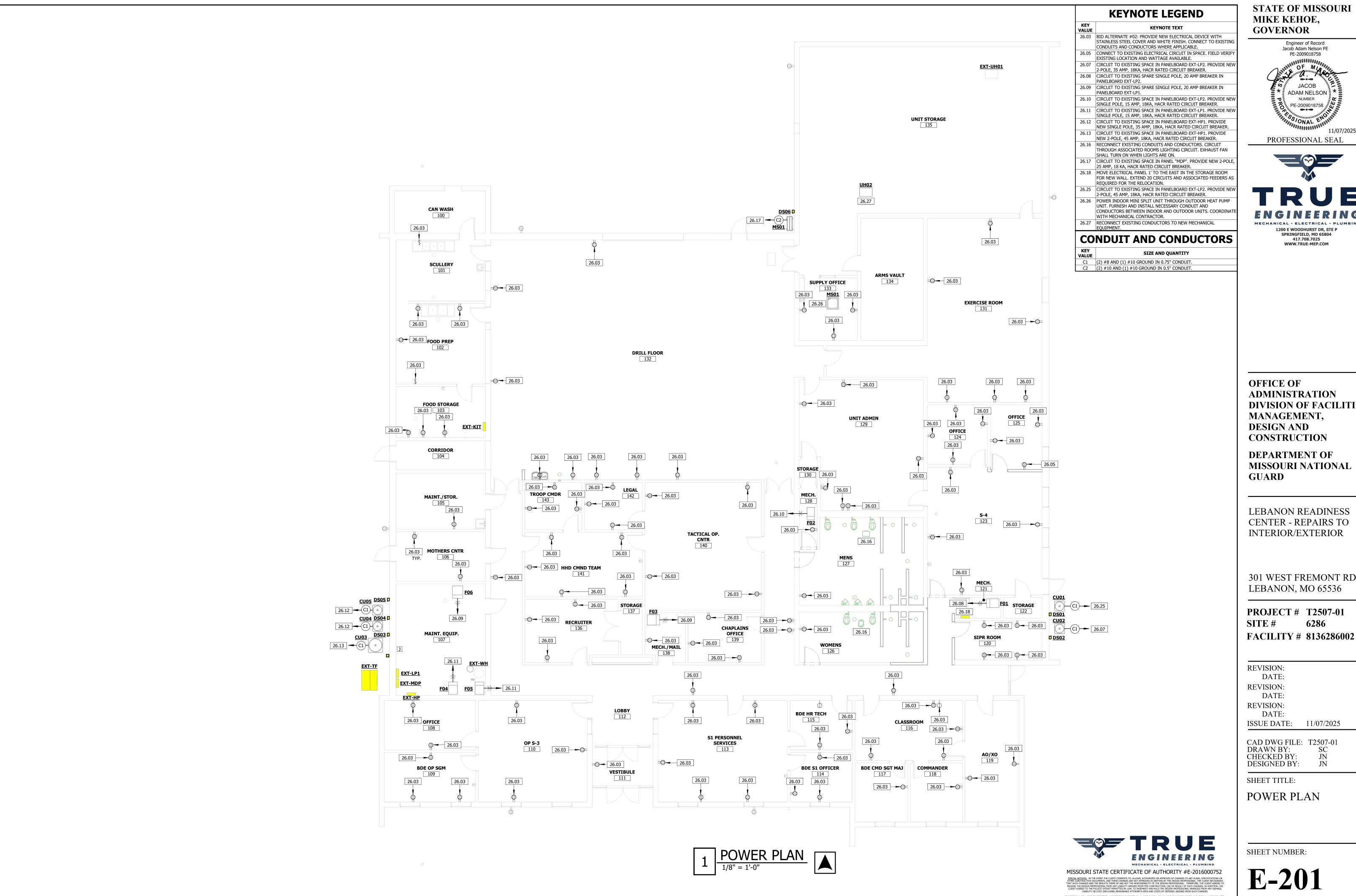
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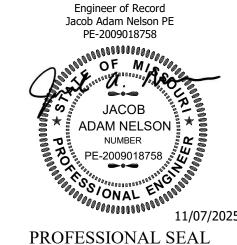
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LIGHTING PLAN

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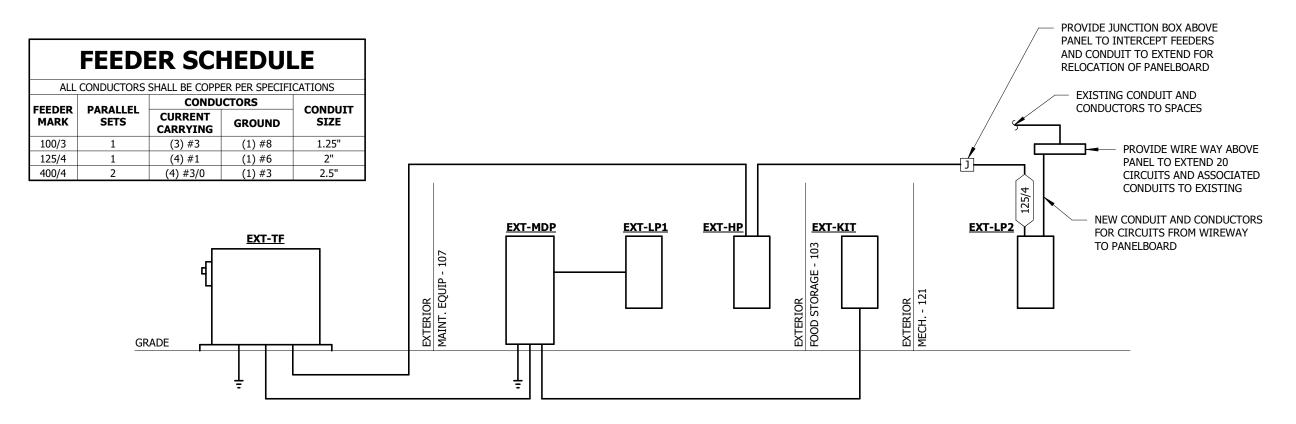
POWER PLAN

SHEET NUMBER:

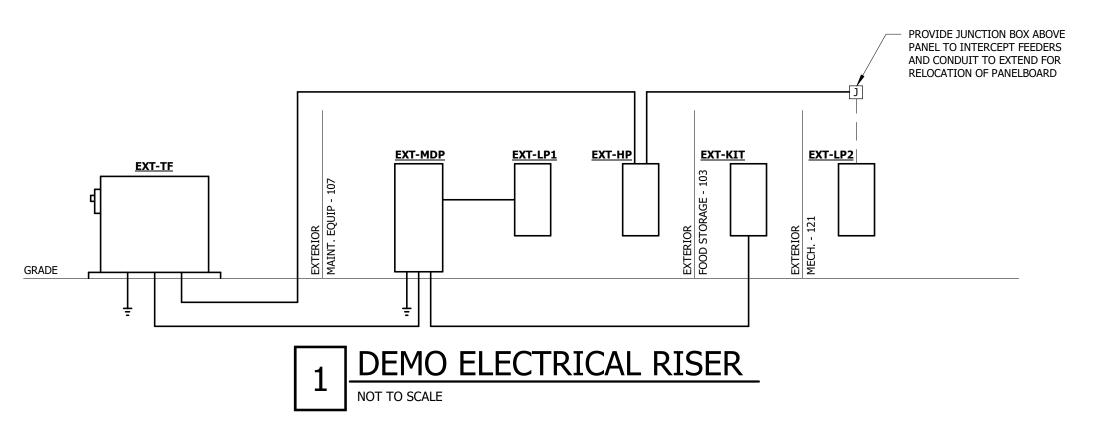
		D	ISCO	NNE	ECT S	CHE	DULE		
NOTES:									
1.	GROUND LUG KIT.								
2.	SOLID NEUTRAL.								
3.	DISCONNECT SHALL	BE LOCKABLE IN TH	IE OPEN POSI	TION.					
TYPE MARK	MANUFACTURER	EQUIPMENT SERVED	VOLTAGE	DUTY	AMPS	POLES	ENCLOSURE NEMA TYPE	NOTES	EQUIVALENTS
DS01	SQUARE D	CU01	208/1	GD	60	2	NEMA 3R	1,2,3	SEE SPECS
DS02	SQUARE D	CU02	208/1	GD	60	2	NEMA 3R	1,2,3	SEE SPECS
DS03	SQUARE D	CU03	208/1	GD	60	2	NEMA 3R	1,2,3	SEE SPECS
DS04	SQUARE D	CU04	208/1	GD	60	2	NEMA 3R	1,2,3	SEE SPECS
DS05	SQUARE D	CU05	208/1	GD	60	2	NEMA 3R	1,2,3	SEE SPECS
DS06	SQUARE D	CU05	208/1	GD	30	2	NEMA 3R	1,2,3	SEE SPECS

			OCCUP	ANCY S	ENSOR	SCHEDU	JLE		
NOTES:									
1.	WIRE OCCUPANCY	SENSOR(S) IN SERIES	WITH LOCAL LIGHT	SWITCHING WHEN	APPLICABLE.				
2.	WALL SWITCH SHA	LL BE CAPABLE OF MA	ANUAL ON/OFF CONT	ROL.					
3.	WIRE OCCUPANCY	SENCORS IN PARALLE	L WHERE MULTIPLE	OCCUPANCY SENSOI	RS ARE SHOWN IN A	SINGLE ZONE.			
4.	PROVIDE POWER P	ACK(S) AS REQUIRED	. POWER PACK SHALL	BE SAME MANUFAC	TURER AS OCCUPAN	ICY SENSOR.			
TYPE	LOAD			SEN	ISOR			NOTEC	FOUTVALENTS
MARK	VOLTAGE	MANUFACTURER	MODEL NUMBER	VOLTAGE	TYPE	TIME DELAY	MOUNTING	NOTES	EQUIVALENTS
OS01	120/1	SENSOR SWITCH	CMR-PDT-10	120	DUAL TECH	15 MIN	CEILING	1,3,4	NLIGHT, LUTRON
OS02	120/1	SENSOR SWITCH	DS2-301	120	DUAL TECH	15 MIN	WALL BOX	2	NLIGHT, LUTRON

		LI	GHTI	NG FIXT	URE S	CHEDU	LE				
NOTES:											
1.	PROVIDE CLIPS OR N	MEAN OF SUPPORT TO COMPLY WITH NEC ARTICLE 410-16.									
2.	PROVIDE EMERGENO	Y BALLAST WITH INTERNAL TEST SWITCH FOR 90 MINUTES OF	EMERGENCY C	PERATION.							
3.	COORDINATE INSTA	LLATION HEIGHT WITH ARCHITECT.									
4.	FIXTURE SHALL HAV	E SELECTABLE POWER AND COLOR SWITCH. FIXTURE SHALL BE	INSTALLED AT	Γ 4000K AND LOW S	ETTING.						
5.	PROVIDE SURFACE N	10UNT KIT.									
TYPE MARK	MANUFACTURER	MODEL NUMBER	DRIVER	FINISH	VOLTAGE	LAMP TYPE	LUMENS	COLOR TEMP	TOTAL WATTAGE	NOTES	EQUIVALENTS
C01	GOTHAM	EVO6RSH-40/25-DFR-SMO-MVOLT-EZ10	DIM	WHITE	UNV	LED	2500	4000	20	1	HE WILLIAMS, CURRENT, PORTFOLIO
LS01	LITHONIA	SBL4-3000LM-80CRI-40K-MIN10-MVOLT	DIM	WHITE	UNV	LED	3000	4000	26	1	HE WILLIAMS, METALUX, CURRENT
T01	LITHONIA	CPX-2X4-AL08-80CRI-SWW7-SWL-MVOLT	DIM	WHITE	UNV	LED	SELECTABLE	SELECTABLE	51	1,4	HE WILLIAMS, METALUX, CURRENT
T01E	LITHONIA	CPX-2X4-AL08-80CRI-SWW7-SWL-MVOLT-E10WLCP	DIM	WHITE	UNV	LED	SELECTABLE	SELECTABLE	51	1,2,4	HE WILLIAMS, METALUX, CURRENT
T02	LITHONIA	CPX-1X4-3200LM-80CRI-40K-SWL-MVOLT	DIM	WHITE	UNV	LED	3200	4000	30	1,5	HE WILLIAMS, METALUX, CURRENT
T02E	LITHONIA	CPX-1X4-3200LM-80CRI-40K-SWL-MVOLT-E10W	DIM	WHITE	UNV	LED	3200	4000	30	1,5	HE WILLIAMS, METALUX, CURRENT
WP01	LITHONIA	WDGE2 LED	STD	BY ARCH	UNV	LED	3000	4000	19	3	HE WILLIAMS, METALUX, CURRENT



2 ELECTRICAL RISER
NOT TO SCALE



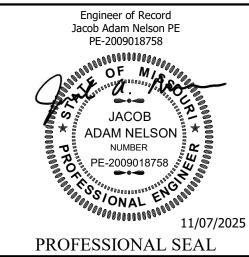


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