CONTACT: REGINA BURKETT, COMMUNITY DEVELOPMENT DIRECTOR

CIVIL ENGINEER FISHER ARNOLD 1801 LATOURETTE DR JONESBORO, AR 72404 PHONE: 870.932.1076

CONTACT: JASON MACDONALD

COOPER MIXON ARCHITECTS 505 UNION STREET, SECOND FLOOR JONESBORO, AR 72401 PHONE: 870.336.0536

CONTACT: JOHN MIXON MPE ENGINEER PETTIT & PETTIT 201 EAST MARKHAM, SUITE 400 LITTLE ROCK, AR 72201 PHONE: 501.347.3731

INDEX OF DRAWINGS

INDEX OF DRAWINGS Sheet Number SHEET NAME PROJECT TEAM, GENERAL NOTES, DRAWING INDEX, MATERIAL LEGEND LIFE SAFETY ADA ACCESSIBILITY REQUIREMENTS GRADING & DRAINAGE PLAN EROSION CONTROL PLAN UTILITY PLAN CONSTRUCTION DETAILS CONSTRUCTION DETAILS STRUCTURAL STRUCTURAL NOTES & FOUNDATION PLAN ROOF FRAMING PLAN STRUCTURAL DETAILS ARCHITECTURE COMMON DETAILS FLOOR PLAN ROOF PLAN REFLECTED CEILING PLAN FRONT AND REAR ELEVATIONS RIGHT AND LEFT ELEVATIONS INTERIOR ELEVATIONS A7.0 SECTIONS MECHANICAL FLOOR PLANS - HVAC HVAC DETAILS HVAC SCHEDULES AND CONTROLS PLUMBING GENERAL NOTES AND LEGENDS - PLUMBING FLOOR PLANS - PLUMBING DETAILS - PLUMBING WASTE & VENT RISERS - PLUMBING SCHEDULES - PLUMBING ELECTRICAL SITE PLAN - ELECTRICAL FLOOR PLANS - LIGHTING FLOOR PLANS - POWER FLOOR PLANS - SYSTEMS E2.01 **ELECTRICAL LEGENDS & DETAILS** GENERAL NOTES

1. FIELD VERIFY ALL MEASUREMENTS REQUIRED. USE DIMENSIONS SHOWN ON DRAWINGS AND ACTUAL FIELD MEASUREMENTS. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING BEFORE PROCEEDING WITH WORK.

2. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTOR SHALL VISIT THE SITE AND BE RESPONSIBLE FOR COORDINATING THE EXISTING CONDITIONS WITH THE WORK SPECIFIED IN THE CONTRACT DOCUMENTS, TO CONFIRM THAT THE INTENT OF THE CONTRACT DOCUMENTS CAN BE FULFILLED. NOTIFY THE ARCHITECT IN WRITING OF ALL

3. CONTRACTOR SHALL RECEIVE IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING ANY WORK THAT IS NOT CLEARLY DEFINED BY THE CONTRACT DOCUMENTS.

4. CONTRACTORS SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS UNLESS SPECIFICALLY, OR OTHERWISE INDICATED, OR WHERE APPLICABLE CODES OR REGULATIONS TAKE PRECEDENCE.

5. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL GIVE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES RULE, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY BEARING ON PERFORMANCE OF THE WORK. MECHANICAL, ELECTRICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, LOCAL AND STATE JURISDICTIONS, ORDINANCES, AND APPLICABLE REGULATIONS.

6. GENERAL CONTRACTOR OR CONSTRUCTION MANAGER SHALL SUPERVISE, AND DIRECT THE WORK. CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT, INCLUDING CONTRACT AND COORDINATION WITH ALL AUTHORIZED OWNER REPRESENTATIVES.

7. DETAILS ARE INTENDED TO SHOW THE END RESULT OF THE DESIGN AND PERFORMANCE, MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT EXISTING CONDITIONS. SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE

8. CONTRACTORS SHALL VERIFY LOCATIONS OF ALL UTILITIES AND SERVICES PRIOR TO PROCEEDING WITH THE WORK TO ENSURE PROPER COORDINATION, SEQUENCING AND INSTALLATION OF NEW WORK.

9. PROVIDE FIRE SEALANT TO PERIMETER OF ALL PIPING, HVAC SLEEVING OR OTHER TYPE OF THRU-WALL PENETRATION.

10. NOTIFY ARCHITECT IMMEDIATELY OF ANY UNFORESEEN CONDITIONS FOR DIRECTION BEFORE PROCEEDING WITH

11. PAINT ALL EXPOSED SURFACES, EXCEPT WHERE ITEMS ARE SCHEDULED TO REMAIN NATURAL OR ARE OTHERWISE RESTRICTED BY LOCAL CODES, ORDINANCES OR AUTHORITIES HAVING JURISDICTION

12. COORDINATE/VERIFY WITH ARCHITECT EXTERIOR LIGHTING MOUNTING HEIGHTS.

PROJECT ABBREVIATIONS

FLOOR (ING) FLOOR CLEANOUT

FLOOR DRAIN FLUORESCENT

FOOT OR FEET

FOUNDATION

GALVANIZED

GLASS BLOCK

GLUE LAM BEAM

GRAB BAR GRADE, GRADING

GROUND GYPSUM BOARD

HANDICAPPED

HOLLOW CORE

HOLLOW METAL

HOSE BIBB

INCLUDE INFORMATION INSIDE DIAMETER

INSTALLATION

KNOCKOUT

LAG BOLT

MATERIAL

MANHOLE

MAXIMUM MECHANICAL

MISCELLANEOUS

NOT IN CONTRACT

NOT TO SCALE

ON CENTER

OVERHANG

PER CUBIC FOOT

PER SQUARE INCH

PER LINEAL FOO

PLATE LINE

REFERENCE SYMBOLS

d P.C.F. P.L.F. P.S.F.

OPAQUE

MEMBER MEMBRANE

MANAGEMENT MANUFACTURER

MASONRY MASONRY OPENING

KICKPLATE

AIR CONDITIONING

F.E.C. F.H.C. FLASH FLR FLCO F.D. FLOUR FT FTG FDN A.F.F. ACOUS A/C ALT ABOVE FINISH FLOOR ACOUSTICAL ALTERNATE ALUMINUM ANCHOR BOLT ALUM A.B. @ APPROX ARCH A.D. A.C. ASPH APPROXIMATE ARCHITECTURE (URAL) AREA DRAIN ASPHALT CONCRETE BM BLW B.G. B.M. BLK BLKG BD B.O.B. BOT BLDG B.U.R. G.B. GR GND GYP BD BELOW GRADE BENCH MARK BOARD BOTTOM OF BEAM HDW HDR HVAC **BUILT-UP ROOFING** COLD FORMED METAL STUD H.C. H.M. or HM HORIZ H.B. HR INCL INFO I.D. INSUL INT INSTALL CLEAR CLOSET CLEAN OUT COLUMN COMBINATION CONCRETE CONCRETE MASONRY UNIT CONSTRUCTION CONTINUOUS (ATION)
CONTRACTOR KO KPLT CONTROL JOINT **CUBIC FOOT** LWC LVR DEMOLITION MATL MGMT MFG MAS M.O. MAT MH MAX MECH MBR MEMB MTL MIN MIN MISC DIAGONAL DIAGUNAL
DIAMETER
DIMENSION
DISPENSER
DOOR
DOUBLE
DOWN
DOWN SPOUT (N) NOM ELECTRIC (AL N.I.C. N.T.S. END NAILING EQUAL EQUIPMENT **EXHAUST** EXISTING EXPANSION JOINT

FACE OF CONCRETE (CURB)

FINISH FLOOR FINISH FLOOR ELEVATION

FACE OF FINISH FACE OF MASONRY FACE OF STUB

FIELD NAILING

FINISH GRADE

FIRE ALARM

1 1/2"

ROOM NAME

Χ

WINDOW TYPE

DOOR TAG

FIRE EXTINGUISHER

F.O.C. F.O.F. F.O.M. F.O.S. FGLS F.N. FIN

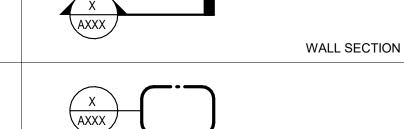
PLATE GLASS PLYWOOD POWER POLE POLYVINYL CHLORIDE PRE-CAST CONCRETE PRE-ENGINEERED METAL BUILDING PRESSURE TREATED DOUGLAS FIR PROPERTY LINE GENERAL CONTRACTOR QUARRY TILE REDWOOD REFERENCE REINFORCE (D) (ING) RETURN AIR REV REQD R.O.W. REVISION RIGHT OF WAY HEATING/VENTILATION ROOF DRAIN ROUGH OPENING SCHEDULE SOLID CORE INSULATE, INSULATION **SPECIFICATIONS** STAINLESS STEEL STORM DRAIN STRUCTURAL STRUCT SUSPENDED SUBCONTRACTOR LIGHTWEIGHT CONCRETE TEMPORARY TOP OF CURB

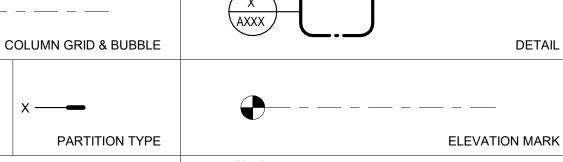
TONGUE AND GROOVE T.O.L. T.O.P. T.O.P. T.O.PL. T.O.S. T.O.T. T.O.W. TOP OF PAVEMENT TOP OF PLATE TOP OF SLAB TOP OF TRUSS TOP OF WALL TYPICAL UNDERGROUND UNFINISHED
UNLESS NOTED OTHERWISE URINAL UTILITIES VAPOR BARRIER **VERTICAL** VESTIBULE VINYL BASE WALL TO WALL

OPENING OUTSIDE DIAMETER WATER HEATER WATERPROOF WATER RESISTANT W.W.M. WELDED WIRE MESH WINDOW WOOD BASE

LINEAR DIMENSION INTERIOR ELEVATION **REVISION BUBBLE** EXTERIOR ELEVATION

ROOM TAG BUILDING SECTION







CEILING TAG



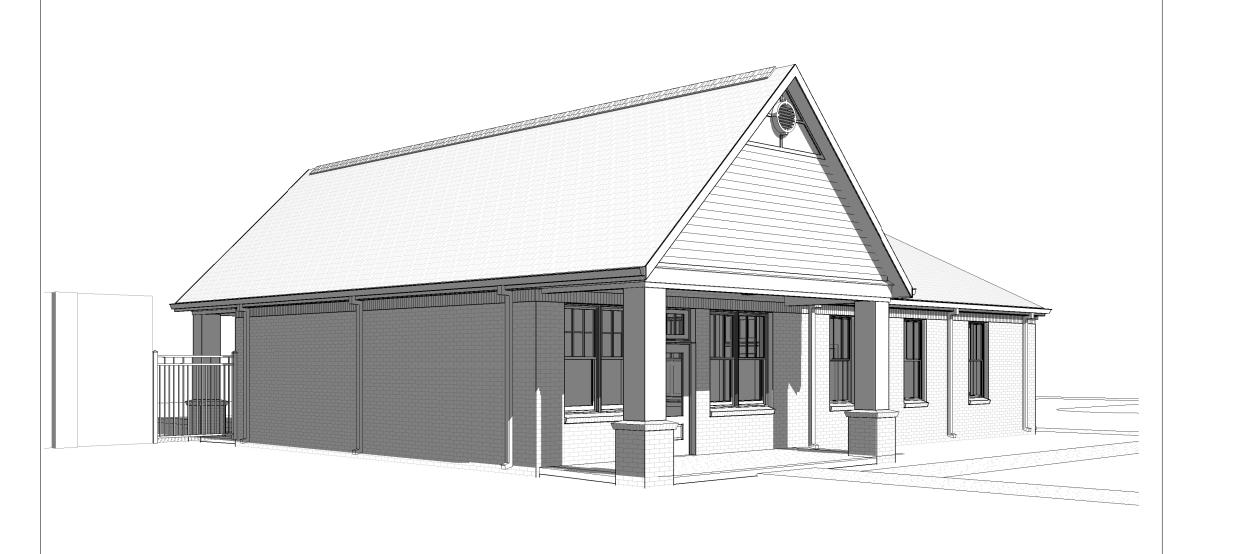






VETERANS' VILLAGE COMMUNITY CENTER

CITY OF JONESBORO, ARKANSAS



CERTIFICATION

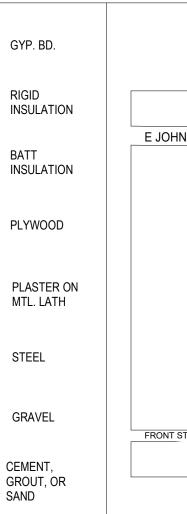
I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS.

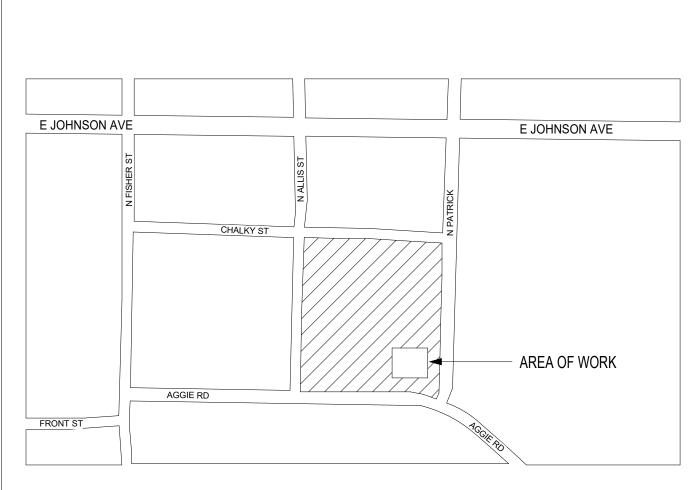
JOHN MIXON, ARCHITECT

MATERIALS LEGEND

CONCRETE

SITE LOCATION





COOPER MIXON 505 union street, 2nd flr jonesboro, ar 72401

> CONSTRUCTION DOCUMENTS

phone 870.336.0536 www.coopermixon.com

 \Box

TERAN

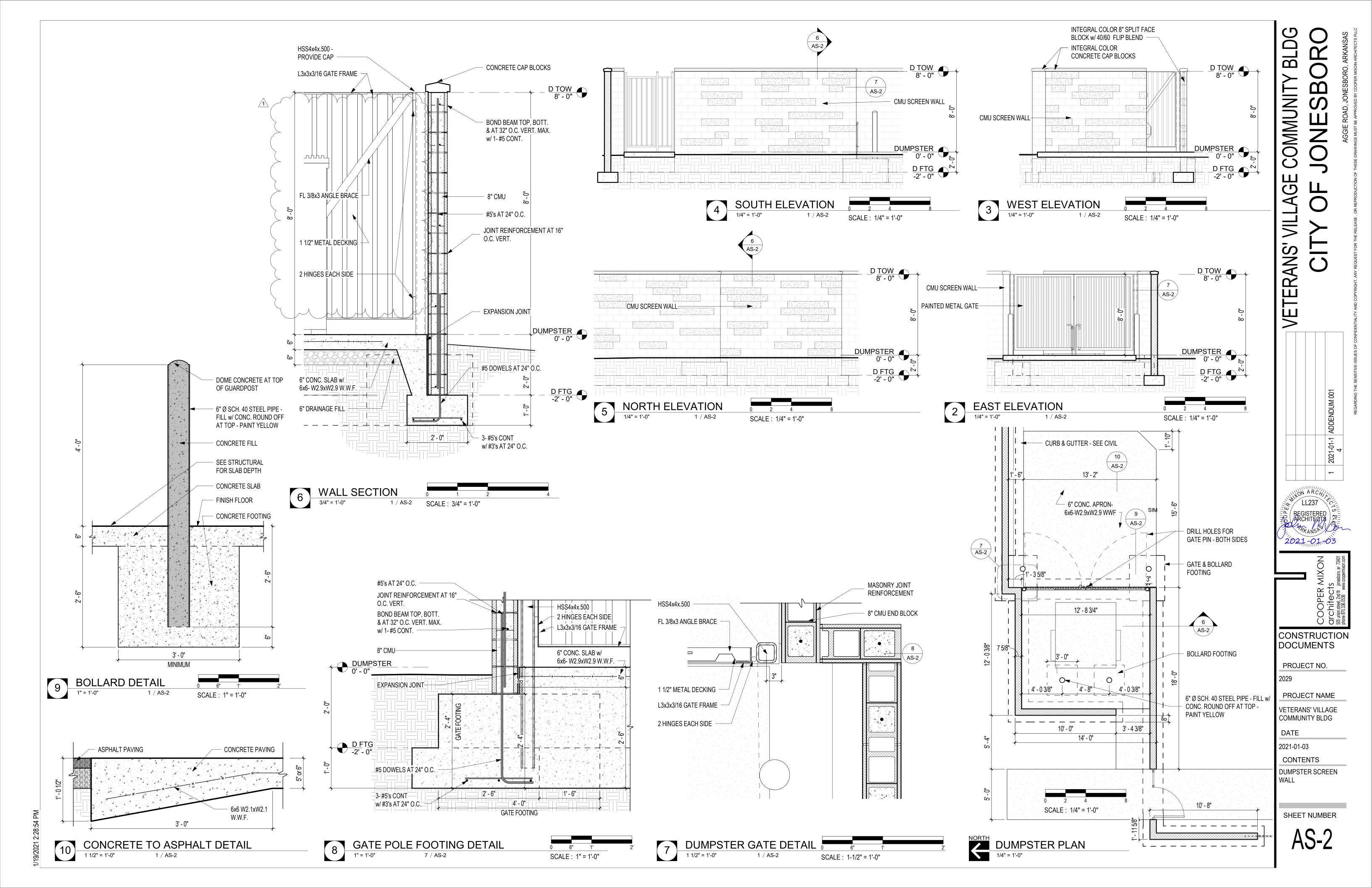
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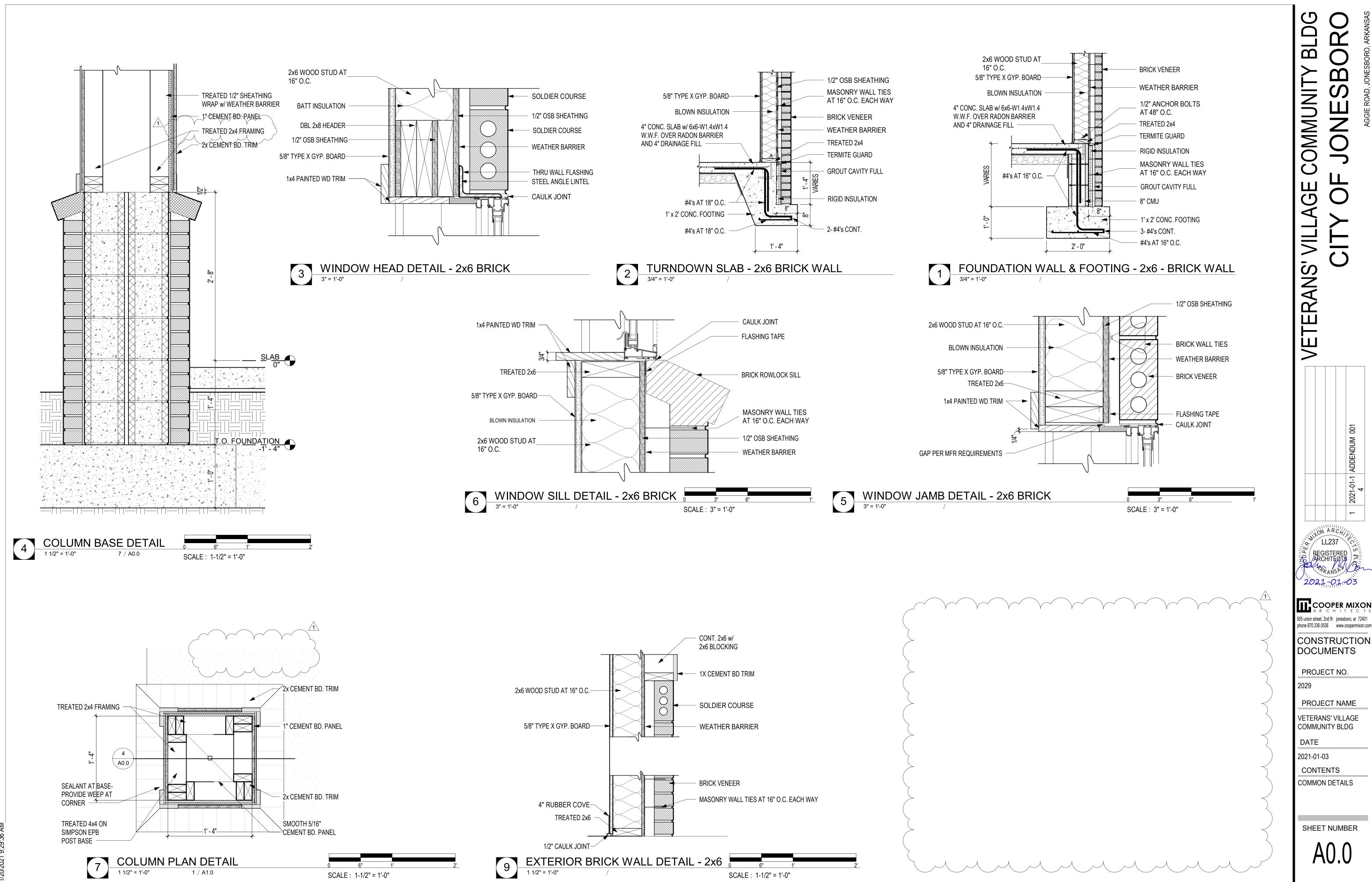
PROJECT NAME VETERANS' VILLAGE

> COMMUNITY BLDG DATE

2021-01-03

CONTENTS PROJECT TEAM, GENERAL NOTES, DRAWING INDEX MATERIAL LEGEND





COOPER MIXON 505 union street, 2nd flr jonesboro, ar 72401 phone 870.336.0536 www.coopermixon.com

DOCUMENTS PROJECT NO.

PROJECT NAME

VETERANS' VILLAGE

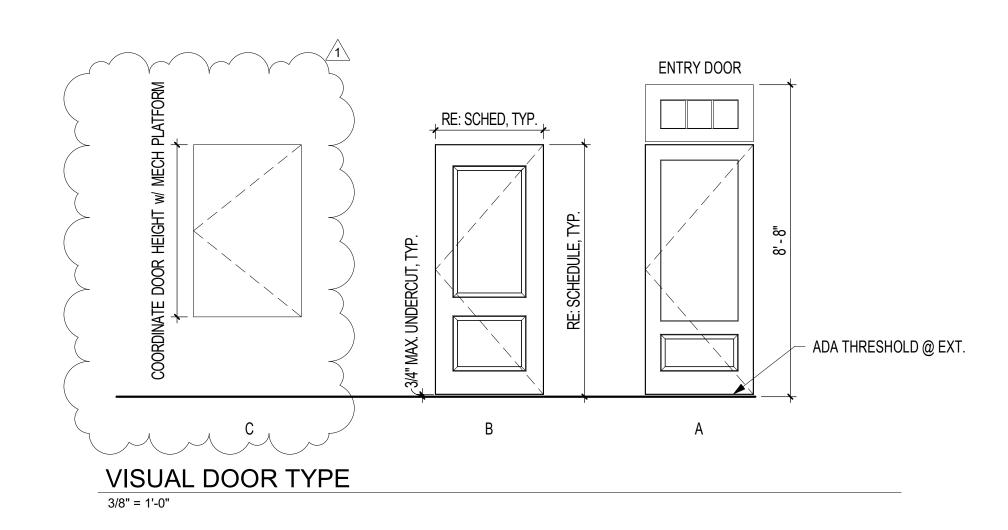
CONTENTS

COMMON DETAILS

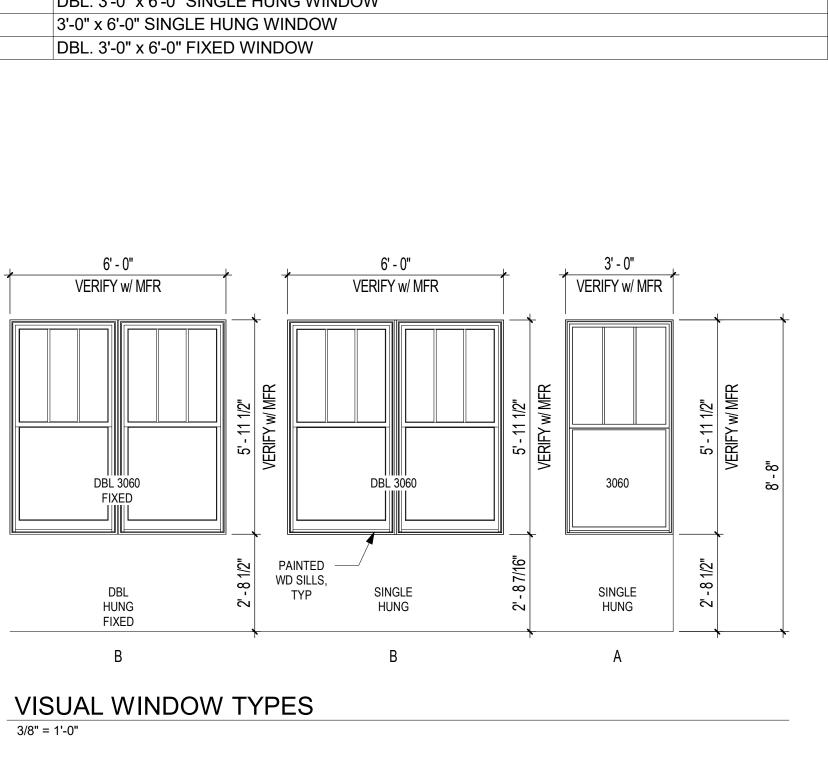
				DOOR	SCHEDULE			
#	TYPE	WIDTH	HEIGHT	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	
100	Α	3' - 0"	6' - 8"	ALUM CLAD	FACTORY PAINT	ALUM CLAD	FACTORY PAINT	
101 101A	A B	3' - 0" 3' - 0"	6' - 8" 6' - 8"	ALUM CLAD SCWD	FACTORY PAINT	ALUM CLAD WD	FACTORY PAINT PAINT	
101B/	· ·	3' - 0"	6' \ 8"	SCWD	FACTORY PAINT	WD	PAINT	
101C 102	C A	3' - 0" 3' - 0"	COORD <	SCWD ALUM CLAD	FACTORY PAINT FACTORY PAINT	WD ALUM CLAD	PAINT FACTORY PAINT	
102A	С	3' - 0"	COORD	SCWD	FACTORY PAINT	WD	PAINT	
102B 103	B	3' - 0"	6' + 8" 6' - 8"	SCWD	FACTORY PAINT FACTORY PAINT	WD	PAINT PAINT	
104	В	3' - 0"	6' - 8"	SCWD	FACTORY PAINT	WD	PAINT	
105	В	3' - 0"	6' - 8"	SCWD	FACTORY PAINT	WD	PAINT	

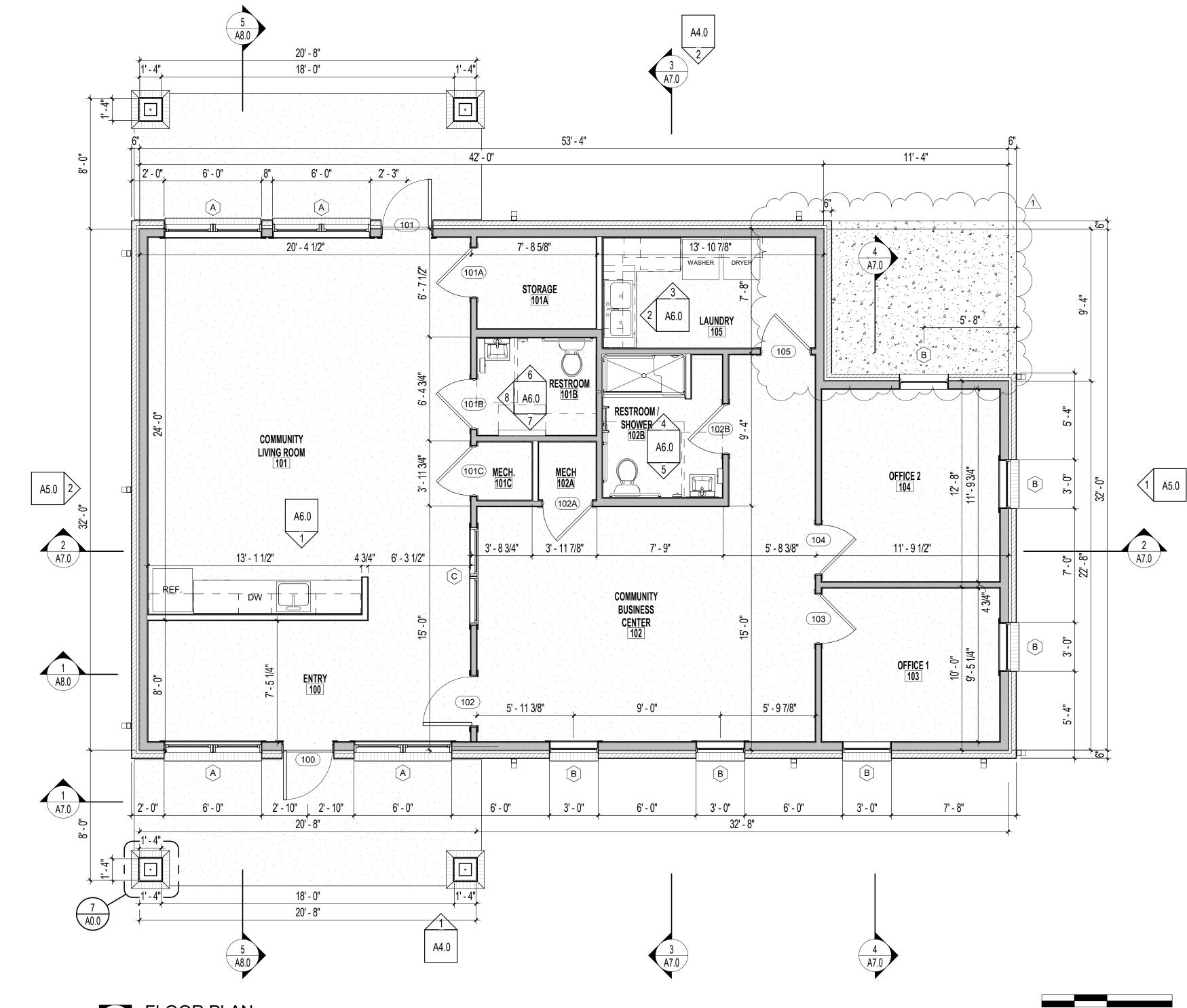
FIN	ISH LEGEND
FLOORS	
LVT-1	LUXURY VINYL TILE: BOD = MOHAWK - URBAN NATIVE WOOD
PT-1	PORCELAIN TILE: BOD = DAL TILE - URBANIZED PORCELAIN 12X24
CONC	SEALED CONCRETE
BASE	
RB-1	4 INCH RESILIENT BASE
PTB-1	PORCELAIN TILE BASE TO MATCH FLOOR
WALLS	
P-1	PAINT: COLOR 1
P-2	PAINT: COLOR 2
PT-2	PORCELAIN TILE (COLOR 2): BOD = DAL TILE - URBANIZED PORCELAIN 12X24
міѕс	
CG-1	CORNER GUARDS: WOOD, PAINTED
WP-1	WALL PROTECTION: 48" WOOD WAINSCOT, PAINTED

				ROOM	I FINISH	SCHEDU	LE			
	1 ROOM NAME				W	ALLS				
ROOM NO.		FLOOR	BASE	NORT H	EAST	SOUTH	WEST	CEILING	CLG. HT.	COMMENTS
100	ENTRY	LVT-1	RB-1	P-1	P-2	P-1	P-1	P-3	10' - 0"	P-2 ON KITCHENETTE WALL, WP-1, CG-1
101	COMMUNITY LIVING ROOM	LVT-1	RB-1	P-1	P-2	P-1	P-1	P-3	10' - 0"	P-2 ON KITCHENETTE WALL, WP-1, CG-1
101A	STORAGE	LVT-1	RB-1	P-1	P-1	P-1	P-1	P-3	10' - 0"	WP-1
101B	RESTROOM	PT-1	PTB-1	PT-2, P-1	PT-,2, P-1	PT-2, P-1	PT-2, P-1	P-3	10' - 0"	PT-2 UP TO 48", COORD W/ ACCESSORIES
101C	MECH.	CONC	NONE	P-1	P-1	P-1	P-1	P-3	10' - 0"	
102	COMMUNITY BUSINESS CENTER	LVT-1	RB-1	PT-2	PT-2	P-1	PT-2	P-3	10' - 0"	CG-1
102A	MECH	CONC	NONE	P-1	P-1	P-1	P-1	P-3	10' - 0"	
102B	RESTROOM / SHOWER	PT-1	PTB-1	PT-2, P-1	PT-,2, P-1	PT-2, P-1	PT-2, P-1	P-3	10' - 0"	PT-2 UP TO 48", COORD W/ ACCESSORIES
103	OFFICE 1	LVT-1	RB-1	P-1	P-1	P-1	P-2	P-3	10' - 0"	
104	OFFICE 2	LVT	RB-1	P-1	P-1	P-1	P-2	P-3	10' - 0"	
105	LAUNDRY	PT-1	PTB-1	P-1	P-1	P-2	P-1	P-3	10' - 0"	



	WINDOW SCHEDULE
TYPE MARK	COMMENTS
Α	DBL. 3'-0" x 6'-0" SINGLE HUNG WINDOW
B	3' 0" × 6' 0" SINCLE HUNG WINDOW





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

SHEET NUMBER

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

2027-01-03

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CONSTRUCTION

DOCUMENTS

PROJECT NO.

PROJECT NAME

VETERANS' VILLAGE COMMUNITY BLDG

DATE

2021-01-03

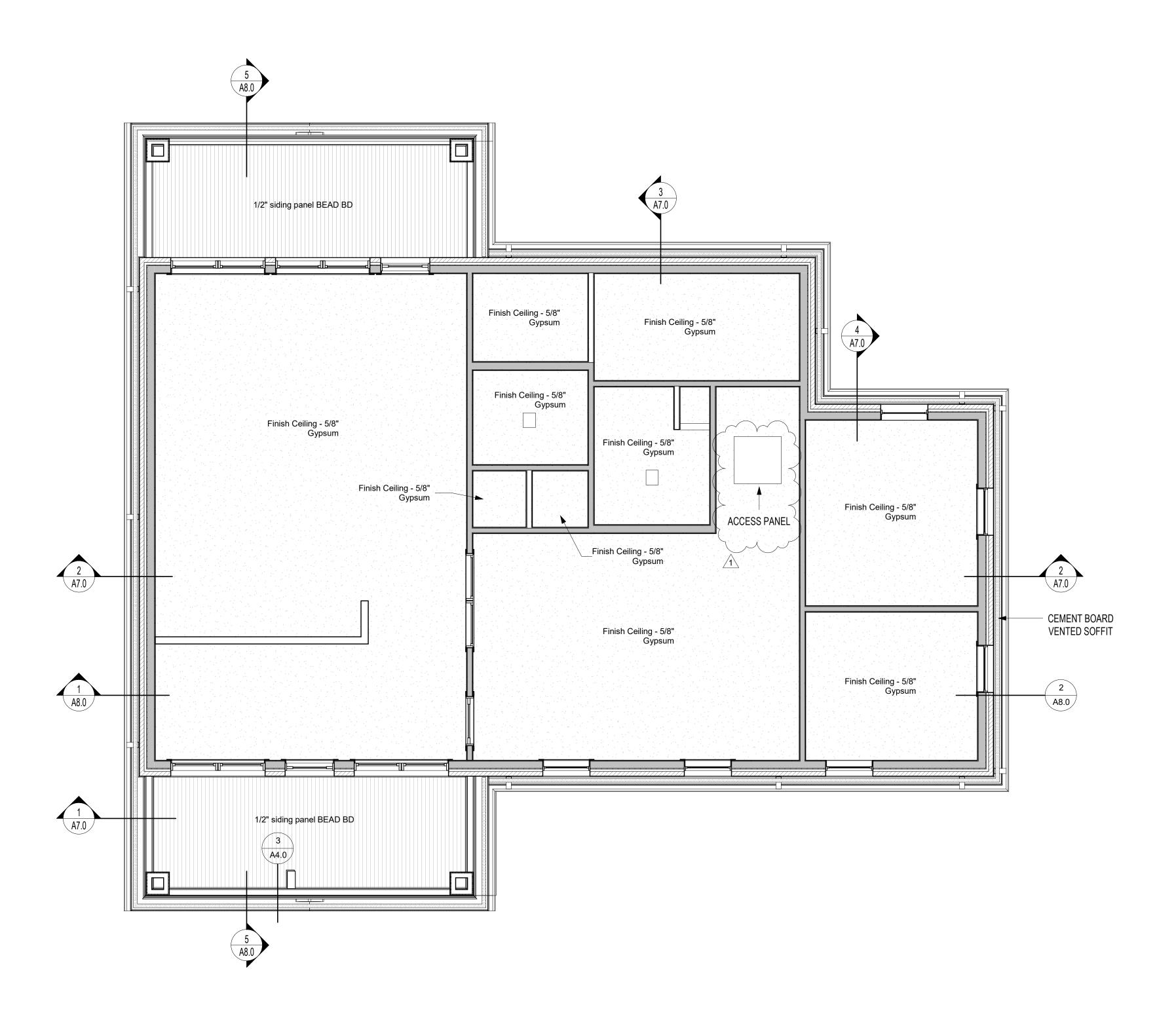
CONTENTS

FLOOR PLAN

BLDG

COMMUNITY

VETERANS' VIL





TT 2021-01-1 ADDENDUM 001

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505 union street, 2nd flr jonesboro, ar 72401
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2027-01-03

CONSTRUCTION DOCUMENTS

PROJECT NO. 2029

PROJECT NAME

VETERANS' VILLAGE

COMMUNITY BLDG

DATE

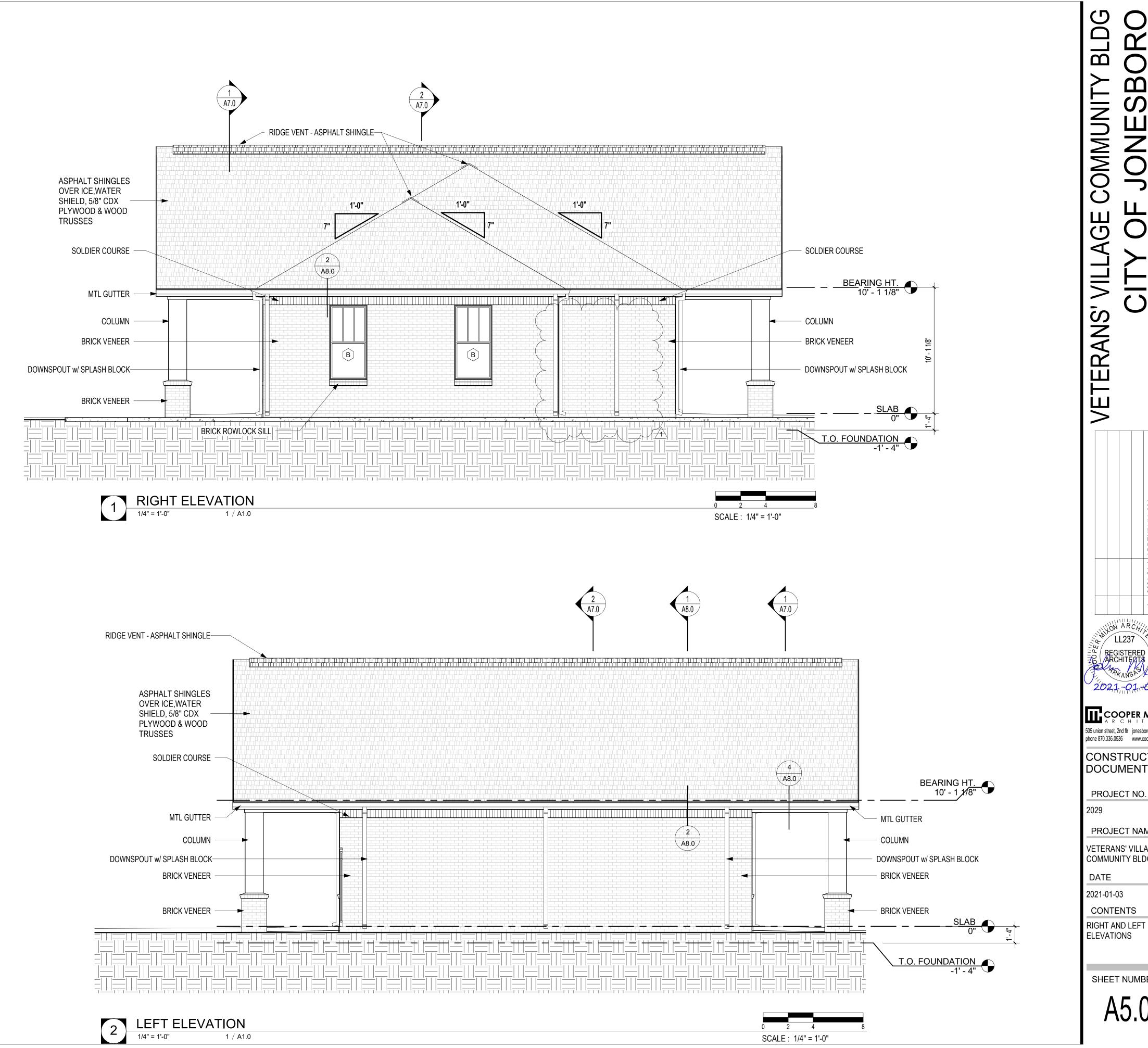
2021-01-03 CONTENTS

REFLECTED CEILING PLAN

SHEET NUMBER

A3.0

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



BLDG COMMUNITY **VETERANS' VILL**

202,1,-01,-03 COOPER MIXON A R C H I T E C T S

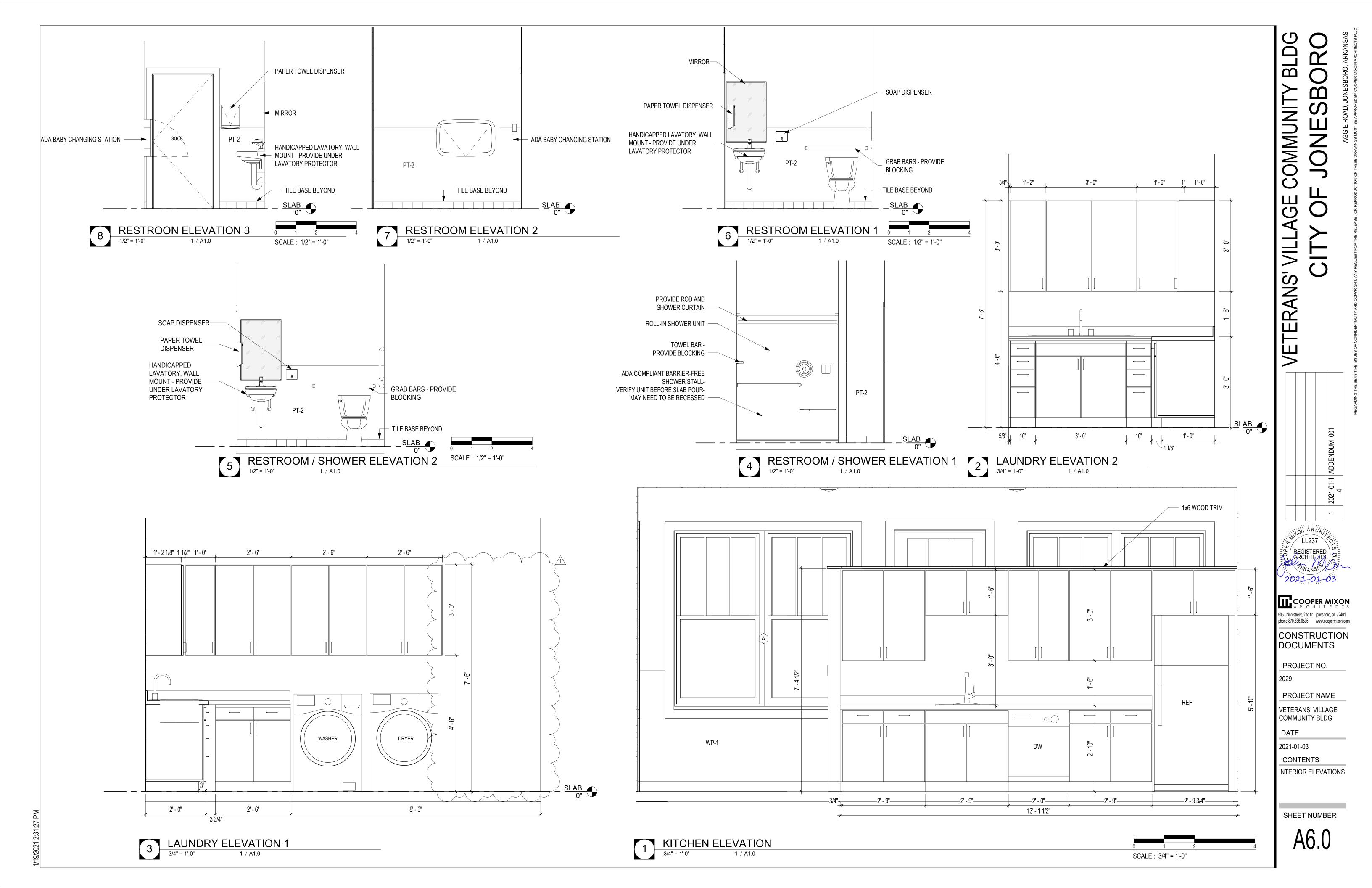
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PROJECT NAME VETERANS' VILLAGE

COMMUNITY BLDG DATE

2021-01-03 CONTENTS



DUCTWORK LEGEND

-\$-

CEILING DIFFUSER (CD)

RETURN AIR GRILLE (RA)

EXHAUST REGISTER (ER)

624 CD-1

SIZE - DESIGNATION CUBIC FEET PER MINUTE

FLEXIBLE DUCT CONNECTOR



SPLITTER DAMPER (TEE)

TURNING VANES



INTERNALLY INSULATED DUCT



MANUAL DAMPER

EXTRACTOR



FIRE DAMPER AND ACCESS DOOR (SMOKE DAMPER S.D. SIMILAR)

CONDENSATE DRAIN PIPING

REFRIGERANT SUCTION

—CD—

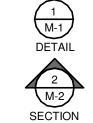
OVERFLOW CONDENSATE DRAIN PIPING

—RS/RL—

AND LIQUID PIPES
DIAMETER



THERMOSTAT (WITH UNIT NUMBER)



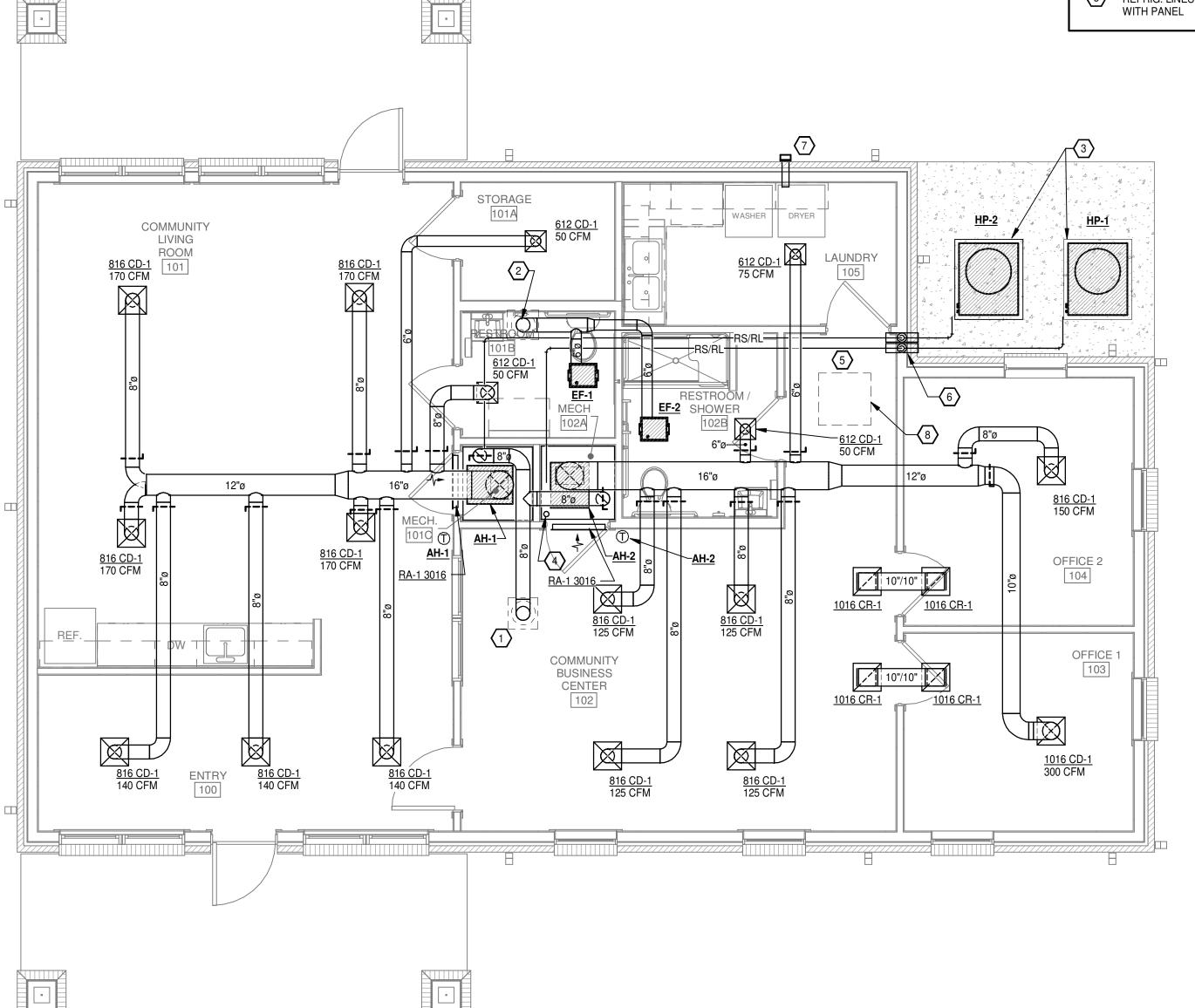
TOP NUMBER REFERS TO THE DETAIL NUMBER. BOTTOM NUMBER REFERS TO THE SHEET WHERE DETAIL IS SHOWN

HVAC GENERAL NOTES

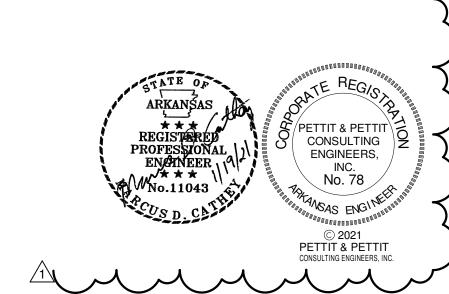
- 1. DUE TO THE SMALL SCALE OF THIS DRAWING, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, AND ACCESSORIES WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING THE WORK AND SHALL COORDINATE AND ARRANGE HIS WORK ACCORDINGLY.
- 2. ROUND BRANCH DUCT RUNOUTS SHALL BE SAME SIZE AS DIFFUSER THROAT UNLESS OTHERWISE NOTED.
- 3. FLEXIBLE DUCT MAY BE USED FOR FINAL CONNECTIONS TO DIFFUSERS. A MAXIMUM LENGTH OF THREE FEET (3') SHALL BE USED.
- 4. ALL CEILING-MOUNTED SUPPLY DIFFUSERS SHALL HAVE FOUR-WAY (4-WAY) PATTERN UNLESS OTHERWISE INDICATED.
- 5. WHERE MANUAL DAMPERS ARE INSTALLED IN EXTERNALLY INSULATED DUCTWORK, PROVIDE STAND-OFF BRACKET TO PREVENT COMPRESSION OF INSULATION BY DAMPER OPERATOR HANDLE.
- 6. PROVIDE TURNING VANES IN ALL 90-DEGREE ELBOWS.
- 7. PROVIDE SLEEVES THROUGH WALLS AND FLOORS. SEAL EXCESS OPENING WITH WATER-PROOF SEALANT. COORDINATE LOCATIONS AND SIZES OF SLEEVES WITH GENERAL CONTRACTOR. SLEEVES SHALL PROVIDE A MAXIMUM OF 1" CLEARANCE BETWEEN DUCT OR PIPE AND SLEEVE. SEAL PENETRATION IN FIRE/SMOKE RATED WALLS AND FLOOR WITH AN APPROVED FIRE/SMOKE BLOCK SEALANT.
- 8. EXTERNALLY INSULATE SUPPLY, RETURN, RELIEF, AND OUTSIDE AIR DUCTWORK UNLESS NOTED OTHERWISE. INTERNALLY LINED DUCT IS SHOWN CROSSHATCHED ON THE FLOOR PLAN.
- 9. EXHAUST DUCTWORK SHALL BE UN-INSULATED, UNLESS NOTED OTHERWISE.
- 10. EXTERNALLY INSULATE LOW-VELOCITY ROUND RUNOUT DUCTWORK.
- 11. INSULATE THE TOP OF ALL SUPPLY AIR DIFFUSERS WITH A MINIMUM OF 1/2" THICK FIBERGLASS DUCT WRAP.
- 12. MOUNT THERMOSTATS AT 48" A.F.F. OR MATCH LIGHT SWITCH HEIGHT.
- 13. ARRANGE PIPING TO ALLOW FOR PROPER SERVICE & ACCESS TO EQUIPMENT. INSTALL UNIONS AND ISOLATION VALVES TO ALLOW FOR REMOVAL OF EQUIPMENT WITHOUT DISTURBING MAINS.
- 14. REFER TO REFLECTED CEILING PLAN FOR EXACT DIFFUSER LOCATIONS.
- 15. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS OF FIRE AND SMOKE RATED PARTITIONS.
- 16. COORDINATE LOCATION OF DUCTS AND DIFFUSERS WITH STRUCTURAL FRAMING MEMBERS. OFFSET DUCTS AS REQUIRED TO CLEAR STRUCTURAL MEMBERS.
- 17. COORDINATE LOCATIONS AND ELEVATION OF DUCT RUNS WITH PLUMBING AND ELECTRICAL CONTRACTORS.

HVAC KEYED NOTES

- 8" FRESH AIR DUCT UP TO GRAVITY VENTILATOR GV-1 ON ROOF.
- 8" EXHAUST AIR DUCT UP TO GRAVITY VENTILATOR GV-1 ON ROOF.
- CONCRETE EQUIPMENT PAD. PAD SHALL EXTEND 6" BEYOND EQUIPMENT.
 REFER TO MANUFACTURES CLEARANCES FOR FREE AREA AND
 MAINTENANCE CLEARANCE AROUND EQUIPMENT.
- ROUTE CONDENSATE DRAIN LINE FROM AH-1 AND AH-2 TO HUB DRAIN PROVIDED BY PLUMBING. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION.
- ROUTE REFRIGERANT LINES THROUGH ATTIC FROM OUTSIDE HEATPUMP TO AIR HANDLER. COORDINATE ROUTING WITH STRUCTURAL TRUSSES.
- SLEEVE REFRIGERANT LINES DOWN THROUGH EXTERIOR WALL IN 4" PVC SLEEVES. SEAL PENETRATIONS THRU EXTERIOR WALL.
- 4" DRYER VENT. DUCT SHALL BE CONSTRUCTED WITH A SMOOTH INTERIOR FINISH. PROVIDE WALL CAP WITH BACKDRAFT DAMPER AT
- ATTIC ACCESS PANEL VERIFY LOCATION. COORDINATE LOCATION OF REFRIG. LINES AND DUCT WORK IN THIS AREA TO AVOID INTERFERENCE WITH PANEL







VETERANS' VIII

 $\mathbf{\Omega}$

MMON

COOPER MIXON
A R C H I T E C T S
505 union street, 2nd flr jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

CONSTRUCTION

PROJECT NO.

DOCUMENTS

PROJECT NAME

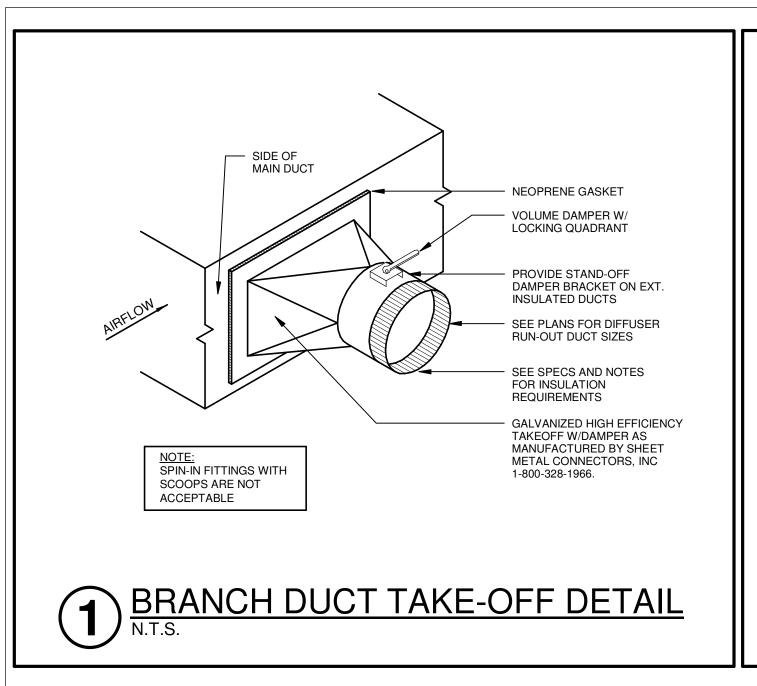
VETERANS' VILLAGE COMMUNITY BLDG

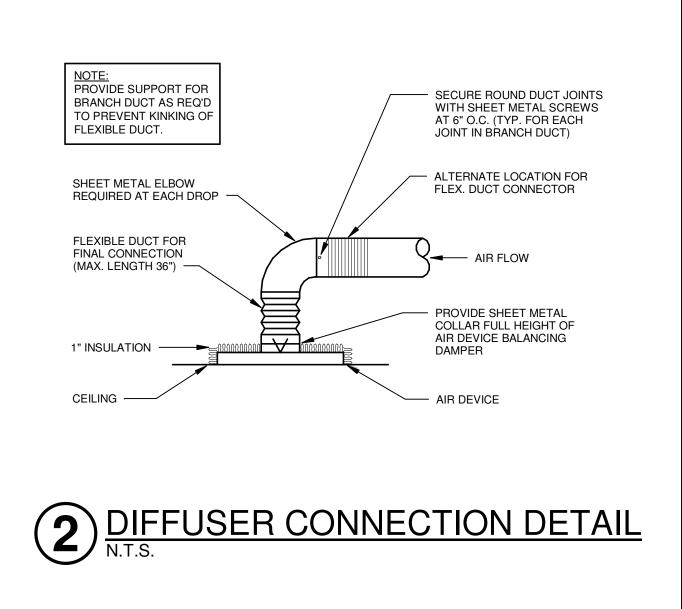
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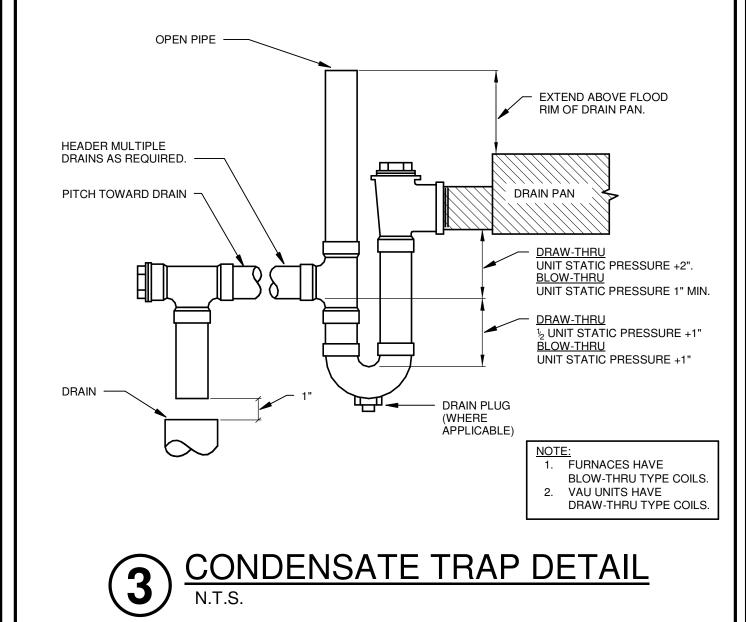
CONTENTS
FLOOR PLANS - HVAC

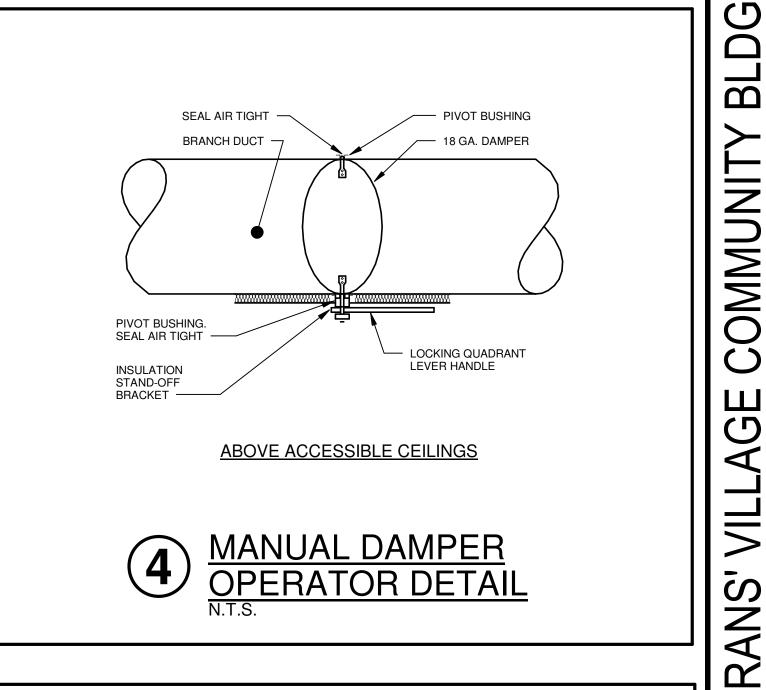
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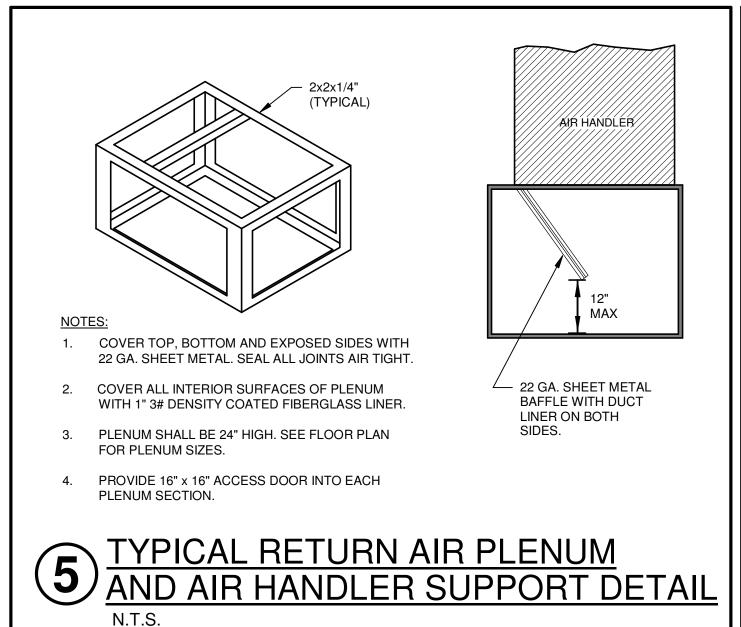
M1.01

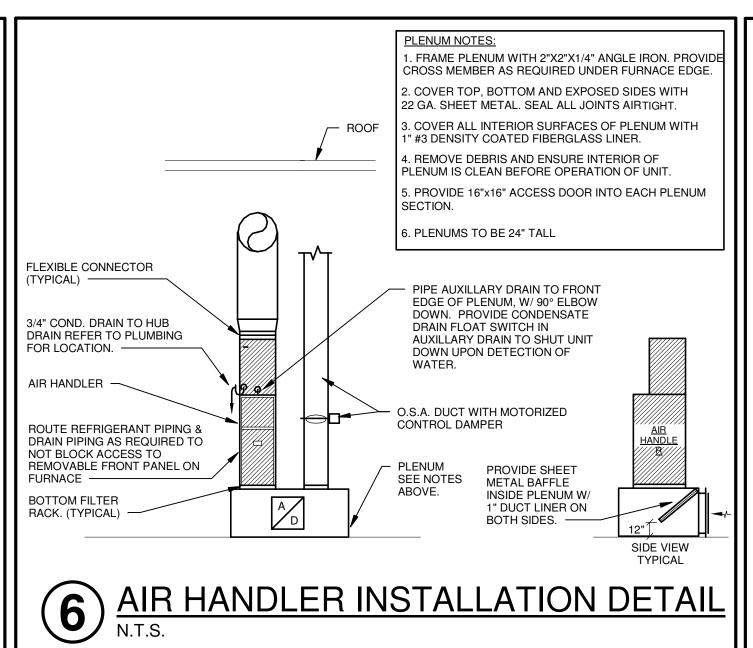


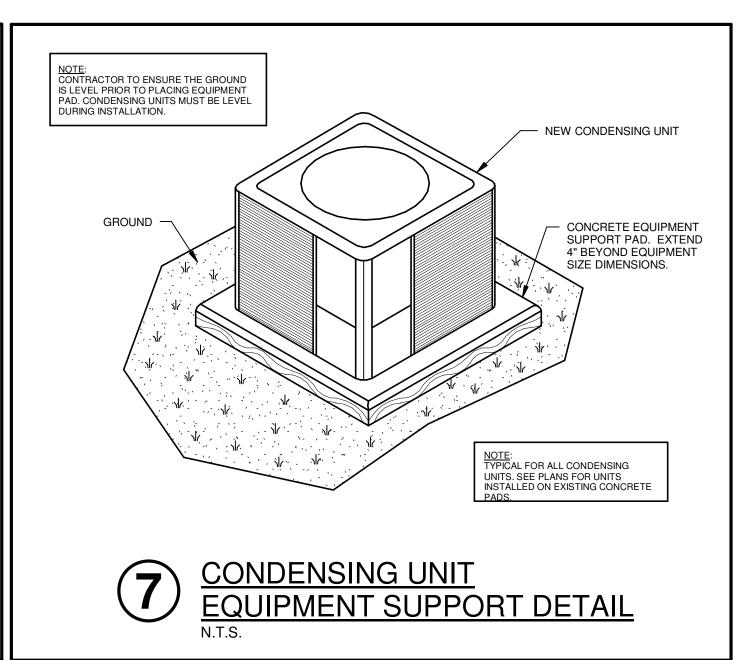


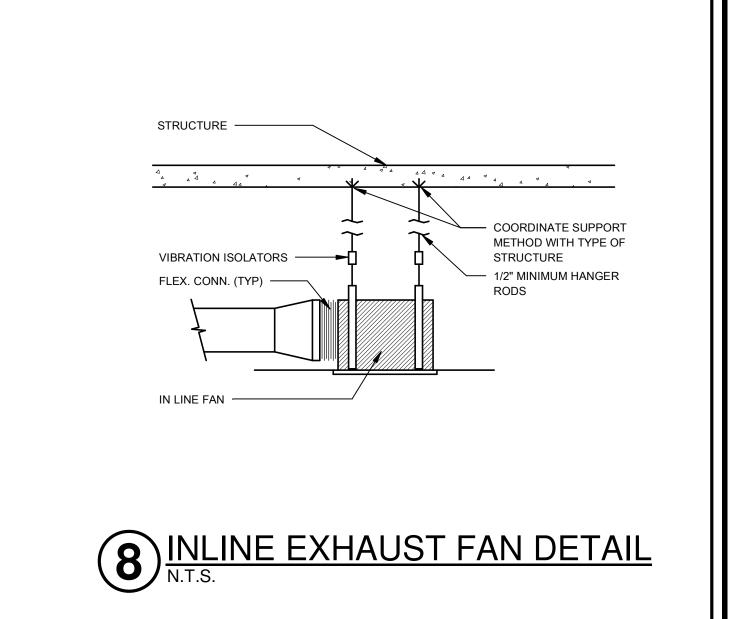










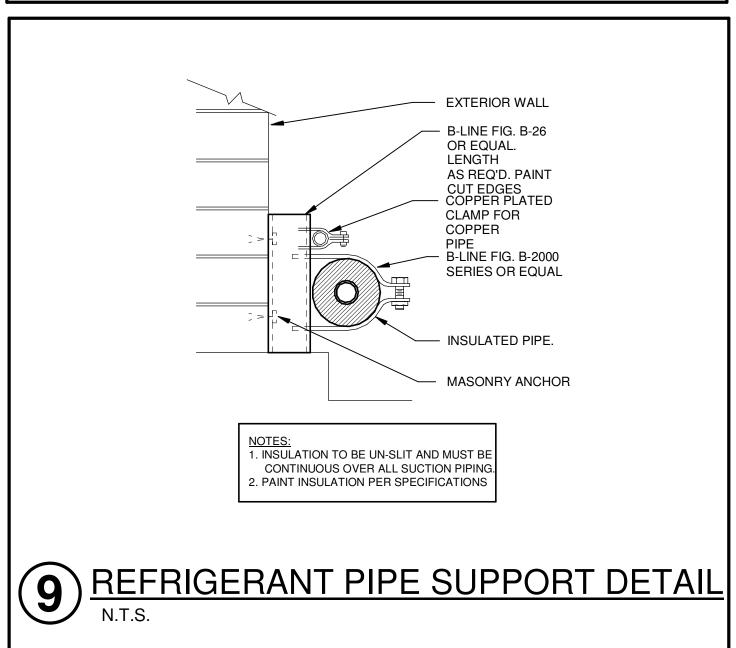


ARKANSAS

REGISTERED PROFESSIONAL ENGINEER No.11043

PETTIT & PETTIT Q

ENGINEERS, INC. No. 78







PROJECT NO.

PROJECT NAME

VETERANS' VILLAGE COMMUNITY BLDG

DATE

2021-01-14

CONTENTS **HVAC DETAILS**

	HEAT PUMP AIR HANDLING UNIT SCHEDULE																				
DESIG.	MFR/MDL	DL TYPE	CFM	OSA	ESP	FAN	סטער	COOLING COIL			ELECTRIC HEATING SECTION				ELECTRICAL DATA				DEMARKO		
DESIG.	IVIFR/IVIDL	ITPE	CEIVI	OSA	(SPEED)	DIA.	DRIVE	EAT	LAT	MBH TOTAL	MBH SENS MDL KW MBH # HTRS A.P.D. HP MCA MOCP VOLT/PHAS			VOLT/PHASE	REMARKS						
AH-1	TRANE / TEM6A0C42H41	VERTICAL HEAT PUMP AIR HANDLER	1,200	120	.60"	-	DIRECT	80° EDB 67° EWB	57.7° LDB 56.8° LWB	37.4	28.4	BAYEAAC10BK1BA \ BAYEAAC05BK1BA		49.1	2	.06	1/2	55.0 / 25.0	60.0 / 25.0	240 /1Ø	PROVIDE 1" FILTERS IN AUXILIARY FILTER BOX UNDER UNIT. E.S.P. SHOWN IS WITH FILTER IN PLACE. PROVIDE 7 DAY PROGRAMMABLE THERMOSTAT.
AH-2	TRANE / TEM4A0B36S31	VERTICAL HEAT PUMP AIR HANDLER	1,050	100	.60"	-	DIRECT	80° EDB 67° EWB		1 2/2	23.8	BAYEAAC10BK1BA \ BAYEAAC05BK1BA	14.40 (TOTAL)	49.1	2	.06	1/2	55.0 / 25.0	60.0 / 25.0	240 /1Ø	PROVIDE 1" FILTERS IN AUXILIARY FILTER BOX UNDER UNIT. E.S.P. SHOWN IS WITH FILTER IN PLACE. PROVIDE 7 DAY PROGRAMMABLE THERMOSTAT.

(OUTDOOR HEAT PUMP UNIT SCHEDULE														
DESIG.	MED/MDI	TYPE	OSA AMBIENT	SERVES	COOLING			HEATING @47°			ELECTRICAL			REMARKS	
DESIG.	MFR/MDL	ITPE	TPE USA AIVIDIENT	SERVES	T(MBH)	S(MBH)	CFM	MBH	COP	HSPF	VOLTS/PHASE	MCA	MOCP	REWARKS	
HP-1	TRANE / 4TWR7036B1	17 SEER AIR COOLED HEAT PUMP	95°	AH-1	37.4	28.4	1,200	32.6	3.80	9.0	240 /1∅	21.0	35	R-410 A REFRIGERANT	
HP-2	TRANE / 4TWR4036G1	14 SEER AIR COOLED HEAT PUMP	95°	AH-2	34.3	23.8	1,050	34.4	3.50	8.2	240/1Ø	19.0	30	R-410 A REFRIGERANT	

	EXHAUST FAN SCHEDULE															
DESIG.	MFR/MDL	SERVES	LOCAT.	TYPE	FAN DATA					MOTOR DATA				DEMARKS		
DESIG.	MFR/MDL	SERVES	LOCAT.	OCAT. TIPE	CFM	S.P.	RPM	DRIVE	TYPE	DIA.	SONES	RPM	BHP	HP	VOLT/PH	REMARKS
EF-1 AND EF-2	COOK / GEMINI GC-144	TOILETS	CEILING	CEILING EXH. FAN	100	.40"	1,002	DIRECT	CENT.		2.6	1,000		78.3 W	120/1Ø	PROVIDE SPEED CONTROL, & DISCONNECT. PROVIDE ROOF JACK FOR BOTH EF-1 AND EF-2

<i>F</i>	AIR DEVICE SCHEDULE													
DESIG.	MFR./MDL.	TYPE	FACE SIZE	FINISH	FREE AREA	ACCESS.	REMARKS							
CD-1	TUTTLE & BAILEY / A1200	FIXED LOUVERED CEILING SUPPLY	AS NOTED	WHITE		OPPOSED BLADE DAMPER								
SR-1	TUTTLE & BAILEY / A70D	SIDEWALL RETURN	AS NOTED	WHITE		OPPOSED BLADE DAMPER	3/4" SPACING, 45° DEFLEXTION							
GV-1	COOK / PR8	OUTSIDE / EXHAUST AIR ROOF JACK		PAINT TO MATCH COLOR OF ROOF			PROVIDE INSECT SCREEN AND ROOF CURB. COORDINATE WITH ARCH AND PAINT TO MATCH COLOR OF ROOF.							
CR-1	TUTTLE & BAILEY / APR	CEILING RETURN	AS NOTED	WHITE		VOLUME CONTROL	PROFORATED FACE SURFACE MOUNTED							

CONTROLS SEQUENCE OF OPERATION

AIR HANDLING UNIT SEQUENCE OF OPERATION:

AH-1/HP-1 & AH-2/HP-2

OCCUPIED:
THE OCCUPIED MODE SHALL BE INITIATED ACCORDING TO THE OWNER DEFINED TIME SCHEDULE.
OCCUPIED: THE SUPPLY FAN SHALL RUN CONTINUOUSLY. THE OUTSIDE AIR DAMPER SHALL OPEN TO THE MINIMUM POSITION.
THE SPACE THERMOSTAT SHALL CYCLE MECHANICAL COOLING TO MAINTAIN THE OCCUPIED COOLING SETPOINT 75°F (ADJ.).
WHEN THE SPACE THERMOSTAT CALLS FOR HEATING, THE HEAT PUMP SHALL CYCLE TO HEATING MODE. AS SPACE
TEMPERATURE APPROACHES THE OCCUPIED HEATING SETPOINT 70°F (ADJ.), THE HEAT CYCLES OFF.

UNOCCUPIED: THE SPACE THERMOSTAT SHALL CYCLE MECHANICAL COOLING OR HEATING TO MAINTAIN THE UNOCCUPIED TEMPERATURE SETPOINT. THE OUTDOOR AIR DAMPER SHALL REMAIN CLOSED. A SPACE OVERRIDE TIMER (2 HOURS) LOCATED AT THE THERMOSTAT SHALL START/STOP THE SYSTEM ACCORDING TO ITS NORMAL OCCUPIED MODE SEQUENCE.

EF-1 & EF-2 EXHAUST FANS 1 AND 2 SHALL BE CONTROLLED BY THE LIGHT SWITCHES IN THE TOILET ROOMS.

BL

CONSTRUCTION **DOCUMENTS**

COOPER MIXON
ARCHITECTS

505 union street, 2nd flr jonesboro, ar 72401 phone 870.336.0536 www.coopermixon.com

PROJECT NO.

PROJECT NAME VETERANS' VILLAGE

COMMUNITY BLDG DATE

2021-01-14

PETTIT & PETTIT CONSULTING ENGINEERS, INC.
No. 78

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PETTIT & PETTIT
CONSULTING ENGINEERS, INC.

CONTENTS HVAC SCHEDULES AND

PLUMBING GENERAL NOTES

- THE CONTRACTOR SHALL, PRIOR TO THE START OF ANY WORK UNDER THIS CONTRACT, JOB SITE VERIFY SIZE, LOCATION, ETC. OF ANY EXISTING PIPING NOTED, SHOWN OR IMPLIED, TO WHICH NEW PIPING IS RELATED OR CONNECTED.
- 2. HOT AND COLD WATER SUPPLIES TO FIXTURES SHALL BE AS FOLLOWS, UNLESS SHOWN OR NOTED OTHER WISE.

WATER CLOSET————————————————————————————————————	
URINAL ————————————————————————————————————	1" 1/2"
SERVICE SINK ————————————————————————————————————	3/4"
ELECTRIC WATER COOLER———————————————————————————————————	1/2"
SHOWER-	1/2"
FREEZE-PROOF WALL HYDRANT————————————————————————————————————	
ICE MACHINE	1/2"
SUPPLY AND DRAIN UNIT (WASHER BOX) ————————————————————————————————————	1/2"
EMERGENCY SHOWER EYEWASH————————————————————————————————————	3/4 1 -1/4"

- 3. INSTALL WATER HAMMER ARRESTORS EQUAL TO ZURN "SHOKTROL" AT EACH QUICK CLOSING VALVE, AND AT EACH GROUP OF PLUMBING FIXTURES, AND AS NOTED ON DRAWINGS SIZED AS PER MANUFACTURERS RECOMMENDATIONS. (MUST BE ACCESSIBLE WHERE POSSIBLE, ABOVE CEILING IF NECESSARY)
- 4. ALL SUPPLIES TO FIXTURE SHALL BE PROVIDED WITH HIGH EAR COUPLING EQUAL TO MUELLER CO. No. C-100HE (1/2", 3/4" OR 1" SIZE) AT THE WALL (ANCHOR TO CROSS MEMBER SUPPORT) BEFORE PIPE ENTERS ROOM SPACE TO ASSURE NO PIPE MOVEMENT WITHIN WALL CAVITY.
- 5. ALL FLOOR DRAINS SHALL BE PROVIDED WITH DEEP SEAL TYPE TRAP WITH NOT LESS THAN FOUR INCH (4") WATER SEAL AND BE PROVIDED WITH TRAP PRIMER.
- 6. ALL VENTS THROUGH ROOF (V.T.R.) SHALL BE PROVIDED WITH 6# (24" X 24" SIZE) FLASHING. WHERE STANDING SEAM TYPE IS USED THE FLASHING SHALL BE IN ACCORDANCE WITH THE ROOFING MANUFACTURERS RECOMMENDATION AND AS DETAILED ON THE ARCHITECTURAL DRAWINGS. CLOSE COORDINATION WITH THE ROOFING CONTRACTOR SHALL BE MAINTAINED TO ASSURE THE VENT PENETRATION IS CENTERED WITHIN THE METAL ROOF PANELS. TYPICALLY FOR METAL OR OTHER SPECIAL MATERIAL, ROOFS USE MANUFACTURED RUBBER BOOT WITH STAINLESS TEEL HARDWARE TYPE THAT IS ARCHITECT APPROVED AND MUST BE COMPATIBLE WITH ROOFING SYSTEM AND ROOF WARRANTY.
- FLUSH VALVES SHALL BE MOUNTED SUCH THAT THE DIMENSION FROM FLUSH VALVE CENTERLINE TO FINISHED FLOOR SHALL BE 39". (DOES NOT APPLY TO ELECTRONIC FLUSH VALVES) WHERE HANDICAPPED GRAB BARS ARE INSTALLED ON BACK WALL AT CLOSET, FLUSH VALVE SHALL BE MOUNTED AT STANDARD HEIGHT. SEE SPECIFICATIONS AND WATER CLOSET DETAIL.
- 8. WHERE THIS SYMBOL OCCURS ON THE DRAWINGS, REFERENCE SHOULD BE MADE TO THE KEYED NOTES ON THAT SAME SHEET AND THE CORRESPONDING NUMBER OF THAT NOTE.
- 9. WHERE PLUMBING FIXTURES ARE LOCATED ON EXTERIOR WALL, WATER PIPING SHALL BE INSTALLED ON THE THERMAL SIDE OF THE WALL INSULATION.
- 10. CLOSE COORDINATION AND COOPERATION SHALL BE MAINTAINED BETWEEN TRADES WITH REGARD TO PLUMBING, HVAC, FIRE PROTECTION AND ELECTRICAL PLANS.
- 11. PROVIDE CLEANOUT CLEARANCE IN ACCORDANCE WITH THE ARKANSAS STATE PLUMBING CODE, BUT DO NOT LOCATE IN FOOT TRAFFIC PATHWAYS. DO NOT LOCATE CLEANOUTS IN FLOORS WITH CARPET. (FIELD COORDINATE) LOCATE FLOOR CLEANOUT NEAR WALLS, IN JANITORS ROOM, STORAGE ROOM, ETC., DO NOT LOCATE NEAR DOORWAYS.
- 12. PROVIDE FIRE STOPPING OR FIRE STOP SLEEVE DEVICES AT ALL RATED ASSEMBLIES SEE ARCHITECTURAL SPECIFICATIONS AND ARCHITECTURAL DRAWINGS FOR DETAILS.
- 13. TRAP PRIMERS- LOCATE TRAP PRIMERS REASONABLY CLOSE TO PLUMBING FIXTURE (10' TO 20')- DO NOT CONNECT TRAP PRIMER TO WATER LINE LARGER THAN 1 1/2" SIZE- TRY TO LOCATE TRAP PRIMER LOWER THAN PLUMBING FIXTURES. FIELD VERIFY EXACT TRAP PRIMER LOCATIONS AND WATER PIPE ROUTING. TRAP PRIMER SHALL TYPICALLY BE PRECISION PLUMBING PRODUCTS MODEL # P2-500. WHERE FLOOR DRAINS OCCUR NEAR WATER CLOSETS USE VACUUM BREAKER TRAP PRIMER SLOAN "TP" MODEL VBF-72A EXPOSED 3/8" TUBING SHALL BE VERY MINIMAL AND CHROME PLATED WITH CAST CHROME FLANGE TO WALL.
- 14. COORDINATE EXACT LOCATIONS OF ALL PLUMBING PIPING WITH ARCHITECTURAL AND STRUCTURAL
- 15. VERIFY WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL "ADA" PLUMBING FIXTURES
- 16. ALL JANITORS ROOMS SHALL HAVE FLOOR DRAINS.
- 17. ALL SANITARY SEWER RISERS SHALL HAVE CLEANOUT AT THE BASE (WALL CLEANOUT OR FLOOR CLEANOUT)
- 18. ALL STORM DRAIN PIPING SHALL HAVE CLEANOUT PLUGS AT EACH 90° TURN ABV CEILINGS AND HAVE A FLOOR OR WALL CLEANOUT AT THE BASE OF ALL RISERS.
- 19. INSTALL PIPING EXPANSION JOINTS IN ALL PIPING THAT CROSSES BUILDING EXPANSION JOINTS. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND PLUMBING ROOF PLAN FOR BUILDING EXPANSION JOINT LOCATIONS
- TWO-WAY CLEANOUTS SHALL BE INSTALLED AT THE JUNCTION OF THE BUILDING DRAIN AND THE BUILDING SEWER (TYP ALL AREAS) MUST BE INSTALLED TO MEET PLUMBING CODES, EVEN IF NOT SHOWN ON DRAWING VERIFY AND COORDINATE WITH CIVIL UTILITY DRAWINGS.

	PLUMBIN	G LEGE	ND
SYMBOL	DESCRIPTION	T	
	SOIL, WASTE, OR SANITARY SEWER		UNION
SS	SANITARY SEWER (ON SITE)	FD	FLOOR DRAIN
	SANITARY VENT	RD	ROOF DRAIN
CWV	COMBINATION WASTE AND VENT	AD	ACCESS DOOR
w	WATER (ON SITE)	VTR	VENT THRU ROOF
	COLD WATER	НВ	HOSE BIBB
	HOT WATER	FPWH	FREEZE PROOF WALL HYDRANT
	HOT WATER RETURN	со	CLEANOUT PLUG
SD	STORM DRAIN	FCO	FLOOR CLEANOUT
D	INDIRECT DRAIN	AFCO	FLOOR CLEANOUT WITH ACID RESISTANT PIPING AND FITTINGS
G	NATURAL GAS (LOW PRESSURE GAS)	wco	WALL CLEANOUT
-	FLOW DIRECTION	ECO	EXTERIOR CLEANOUT
	GATE VALVE	R	DENOTES - SANITARY VENT STACK THRU ROOF
	GLOBE VALVE	RISER DIAG LOCATION SH RISER DIAGRA	HEET# RISER DESIGNATION
	CHECK VALVE	HISER DIAGRA	NEW CONNECTION TO EXISTING
П ФI—	BALL VALVE		EXISTING PIPING TO BE REMOVED OR ABANDON
+_+	PLUG COCK - GAS COCK		EXISTING PIPING TO REMAIN
	PRESSURE REDUCING VALVE	× × [CAP AND SEAL AIR OR WATER TIGHT
	STRAINER	× × +	TERMINATION POINT OF DEMOLITION

	FIXTURE LEGEND
SYMBOL	DESCRIPTION
6	NEW FIXTURE
•	ROUGH IN AND FINAL CONNECT ONLY
•	EXISTING FIXTURE TO REMAIN
•	EXISTING FIXTURE TO BE REMOVED
	EXISTING FIXTURE (RELOCATED, OR REPAIRED - SEE NOTES)

 \Box

COPER MIXON
A R C H I T E C T S
505 union street, 2nd flr jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

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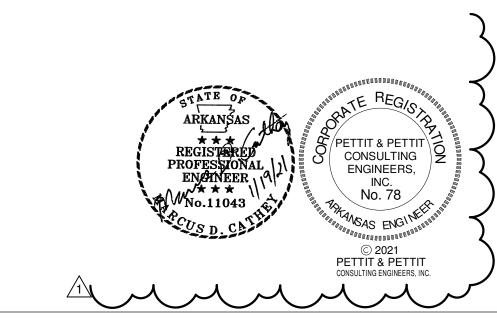
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2021-01-14

GENERAL NOTES AND LEGENDS - PLUMBING

SHEET NUMBER

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

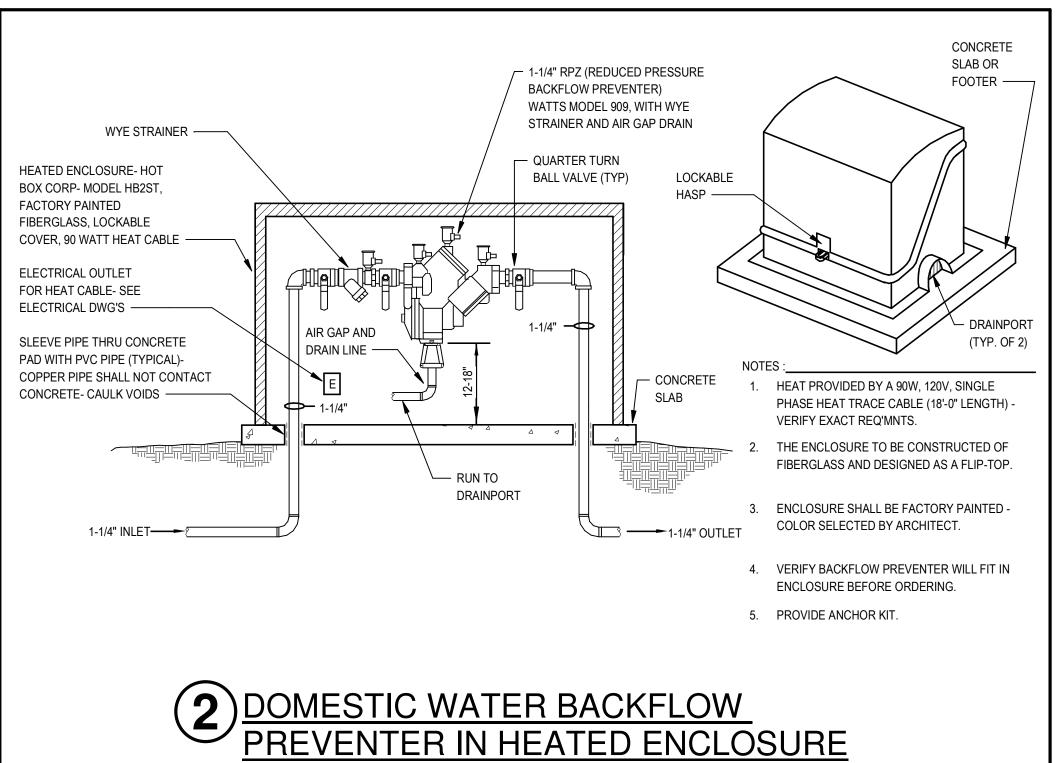
1-1/4" DOMESTIC WATER BELOW GRADE TO EXISTING WATER METER OFF ALLIS

LOCATION, CONNECT AS REQUIRED. ——

STREET. FIELD VERIFY EXACT

PLUMBING KEYED NOTES

- DOMESTIC WATER BACKFLOW PREVENTER IN HEATED ENCLOSURE- WATTS SERIES 909, 1-1/4" SIZE, WITH STRAINER, EXTRA GATE VALVE, AND BRASS FUNNEL- "HOT BOX" HEATED ENCLOSURE MODEL HB2N (SEE DETAIL)-SEE ELECT. DWGS FOR POWER- COORDINATE EXACT LOCATION WITH SITE UTILITY DWGS- NOTE: -VERIFY EXACT REQ'MTS TO PROVIDE ACCESS FOR MAINTENANCE AND TESTING
- 1-1/4" C.W. RISE THRU FLOOR AT LAUNDRY ROOM #105 OUTSIDE WALL- INSTALL 'LINK-SEAL' DEVICE AT FLOOR AND GATE VALVE IN RISE. TEE CW AND ROUTE 3/4" TO HOT WATER HEATER (WH-1) AND 1" CW BACK DOWN TO BELOW FLOOR.
- 1" C.W. & 3/4" H.W. RISE IN WALL TO ACCESS DOORS. ROUTE 1/2" CW & 1/2" HW IN WALL TO WASHER BOX (WB-1)- (INSTALL STOPS AT WALL AS REQUIRED). ROUTE 1" CW & 3/4" HW BACK DOWN TO BLW FLR- INSTALL GATE VALVES IN LINES (ACCESSIBLE FOR MAINTENANCE)- SEE PLUMBING DETAIL
- 1" C.W. & 3/4" H.W. RISE IN WALL TO ACCESS DOORS. ROUTE 1/2" CW & 1/2" HW IN WALL TO SINK (<u>S-1</u>)- (INSTALL STOPS AT WALL AS REQUIRED). EXTEND 3/4" CW TO WALL HYDRANT (<u>FPWH-1</u>). ROUTE 1" CW & 3/4" HW BACK DOWN TO BLW FLR- INSTALL GATE VALVES IN LINES (ACCESSIBLE FOR MAINTENANCE)- SEE PLUMBING DETAIL
- 1" C.W. & 3/4" H.W. RISE IN WALL TO ACCESS DOORS. ROUTE 1/2" CW & 1/2" HW IN WALL TO LAVATORY (<u>L-1</u>)- (INSTALL STOPS AT WALL AS REQUIRED). EXTEND 1/2" CW TO WATER CLOSET (<u>WC-1</u>) & 1/2" CW TO WATER COOLER (EWC-1). ROUTE 3/4" CW & 3/4" HW BACK DOWN TO BLW FLR- INSTALL GATE VALVES IN LINES (ACCESSIBLE FOR MAINTENANCE)- SEE PLUMBING DETAIL
- 3/4" C.W. & 3/4" H.W. RISE IN WALL TO ACCESS DOORS. ROUTE 1/2" CW & 1/2" HW IN WALL TO SHOWER VALVE (<u>SH-1</u>)- (INSTALL STOPS AT WALL AS REQUIRED). ROUTE 3/4" CW & 3/4" HW BACK DOWN TO BLW FLR- INSTALL GATE VALVES IN LINES (ACCESSIBLE FOR MAINTENANCE)- SEE PLUMBING DETAIL
- 3/4" C.W. & 3/4" H.W. RISE IN WALL TO ACCESS DOORS. ROUTE 1/2" CW & 1/2" HW IN WALL TO LAVATORY (<u>L-1</u>)- (INSTALL STOPS AT WALL AS REQUIRED), EXTEND 1/2" CW TO WATER CLOSET (<u>WC-1</u>)- ROUTE 3/4" CW & 1/2" HW BACK DOWN TO BLW FLR- INSTALL GATE VALVES IN LINES (ACCESSIBLE FOR MAINTENANCE)- SEE PLUMBING DETAIL
- 3/4" C.W. & 1/2" H.W. RISE IN WALL TO ACCESS DOORS. ROUTE 1/2" CW & 1/2" HW IN WALL TO SINK (S-2)- (INSTALL STOPS AT WALL AS REQUIRED), AND EXTEND 1/2" CW TO ICEMAKER BOX (IMB-1)- CONNECT AS REQUIRED. NOTE: CONTRACTOR TO INSTALL 2-WAY H.W. STOP AND ROUTE 1/2" HW TO U.C. DISHWASHER. EXTEND DRAIN PIPING FROM DISHWASHER TO COUNTER MOUNTED AIR GAP (EASTMAN #04499-CD3 OR EQUAL). ROUTE 3/4" CW BACK DOWN TO BLW FLR- INSTALL GATE VALVES IN LINES (ACCESSIBLE FOR MAINTENANCE)- SEE PLUMBING DETAIL

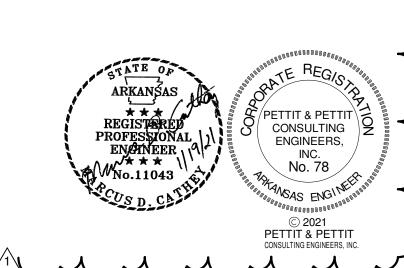


UNDERGROUND DOMESTIC WATER PIPING NOTES:

SCALE: NONE

1.) BELOW FLOOR PIPING SHALL BE TYPE "K" SOFT COPPER (NO JOINTS BELOW FLOOR OR TYPE "K" HARD COPPER WITH 5% "SIL-FOS" JOINTS)- INSTALL ALL BELOW FLOOR PIPING IN 10 MIL CONTINUOUS POLYETHYLENE SLEEVE

2.) H.W. BLW FLR SHALL BE INSTALLED WITH FOAMGLASS OR CLOSED CELL ARMAFLEX INSULATION WITH TUFFCOAT (OR OTHER APPROVED FOR UNDERGROUND INSTALLATION)- INSTALL ALL BELOW FLOOR PIPING IN 10 MIL CONTINUOUS POLYETHYLENE SLEEVE



TERANS' VILLAGE COMMUNITY BLDG CITY OF JONESBORC

COOPER MIXON
A R C H I T E C T S

505 union street, 2nd flr jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

CONSTRUCTION

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2029

PROJECT NAME

VETERANS' VILLAGE COMMUNITY BLDG

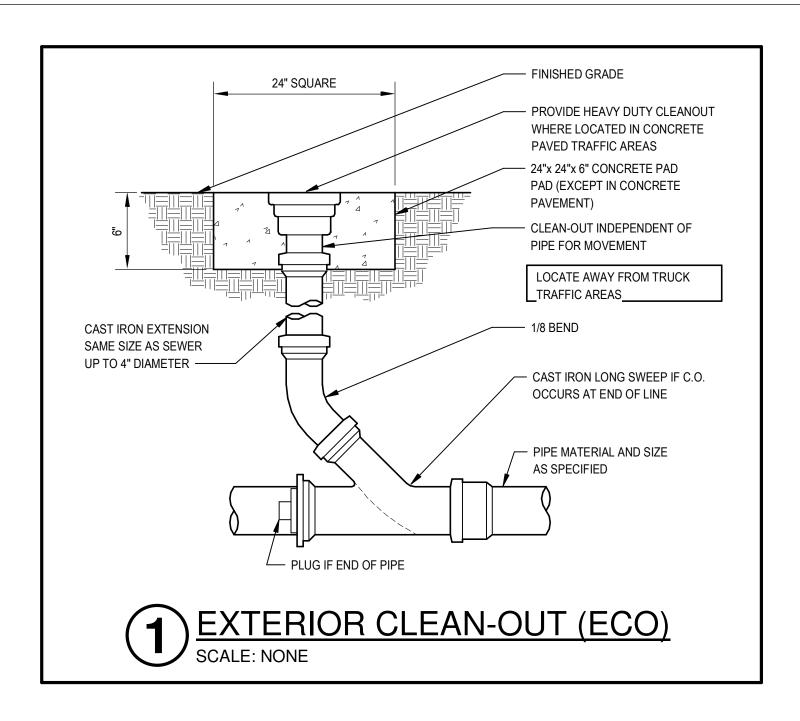
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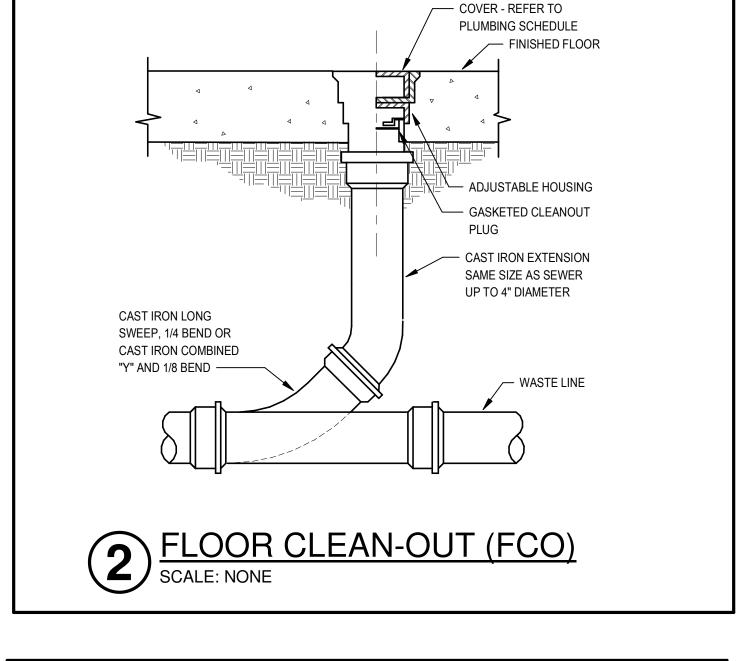
2021-01-14 CONTENTS

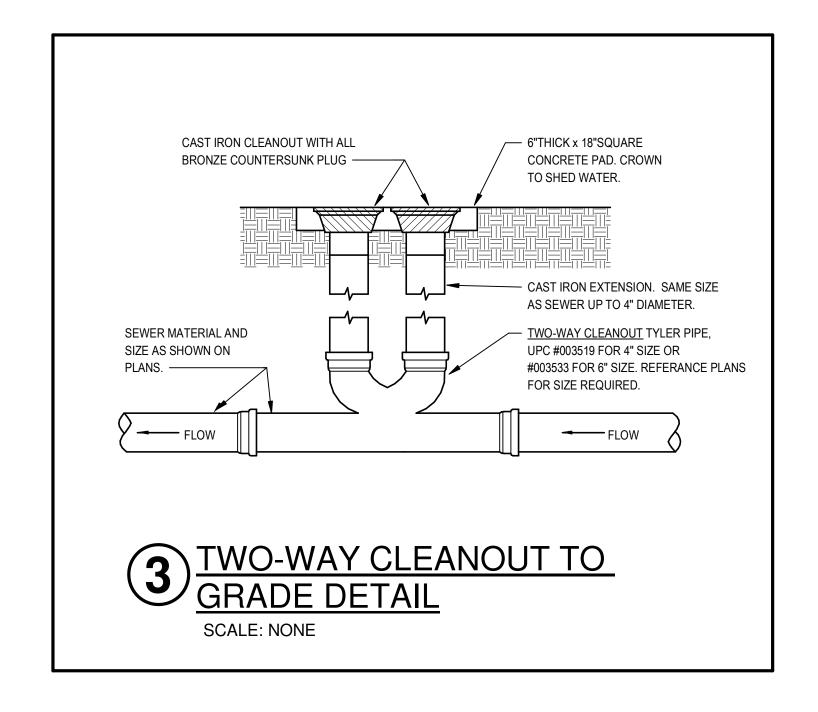
FLOOR PLANS -PLUMBING

SHEET NUMBER

P1.01







- INSULATED CW AND HW

VALVE

ARKANSAS

REGISTERED

PROFESSIONAL

ENGINEER

No.11043

PETTIT & PETTIT Q

ENGINEERS, INC. No. 78

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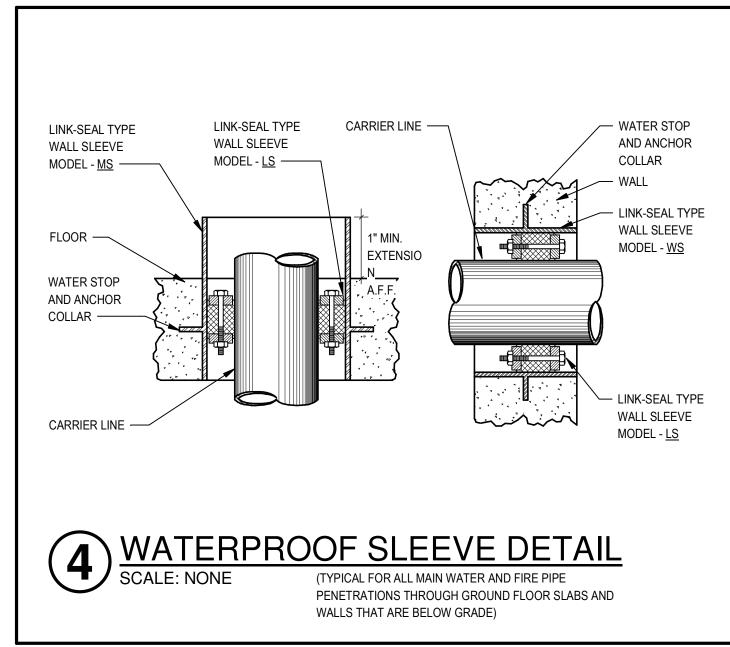
L 27" DROP THERMAL

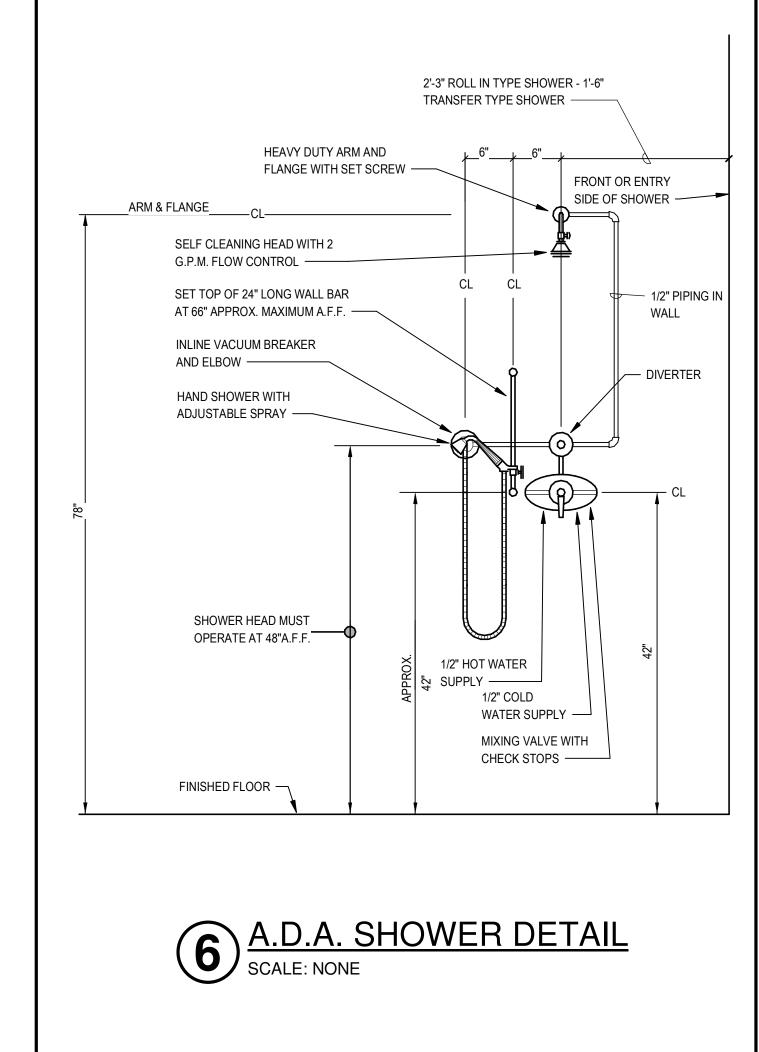
HEAT TRAP

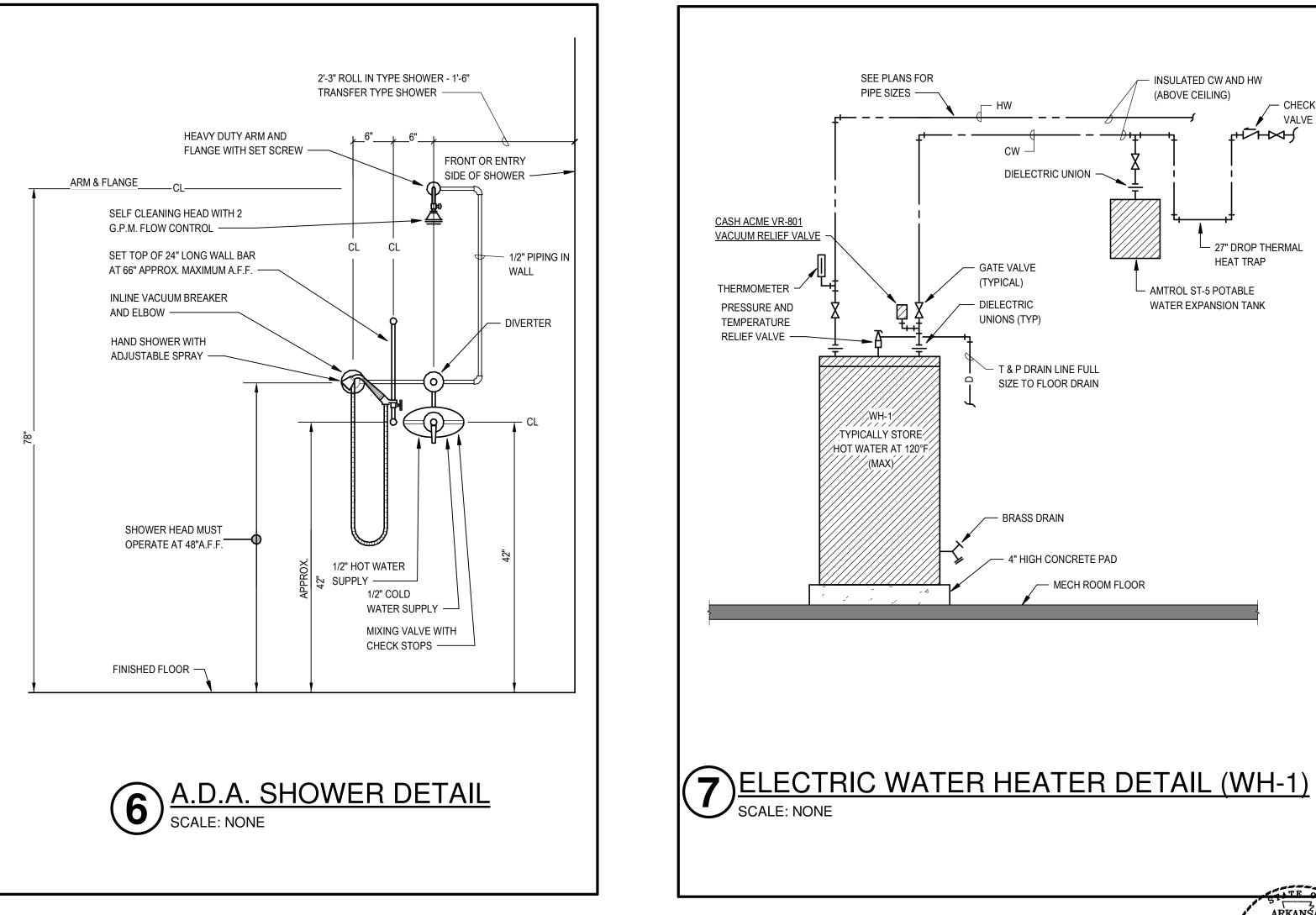
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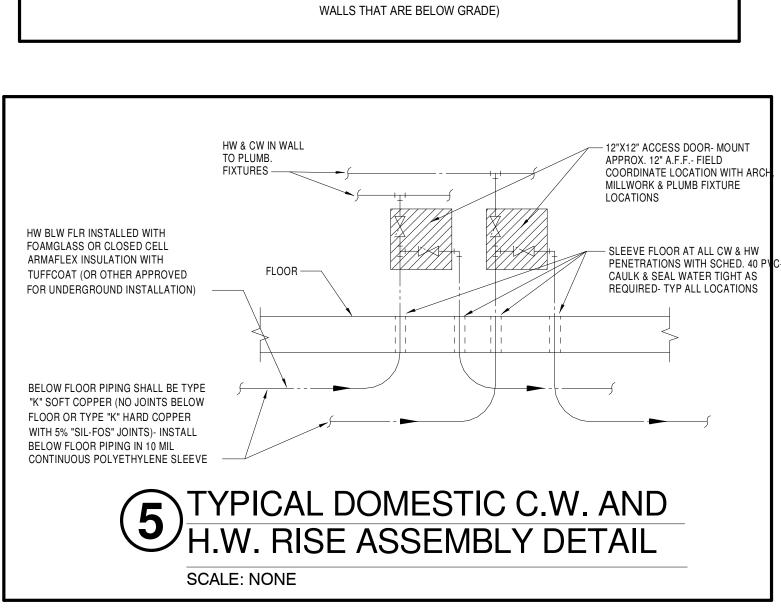
AMTROL ST-5 POTABLE

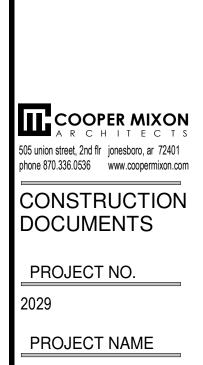
WATER EXPANSION TANK











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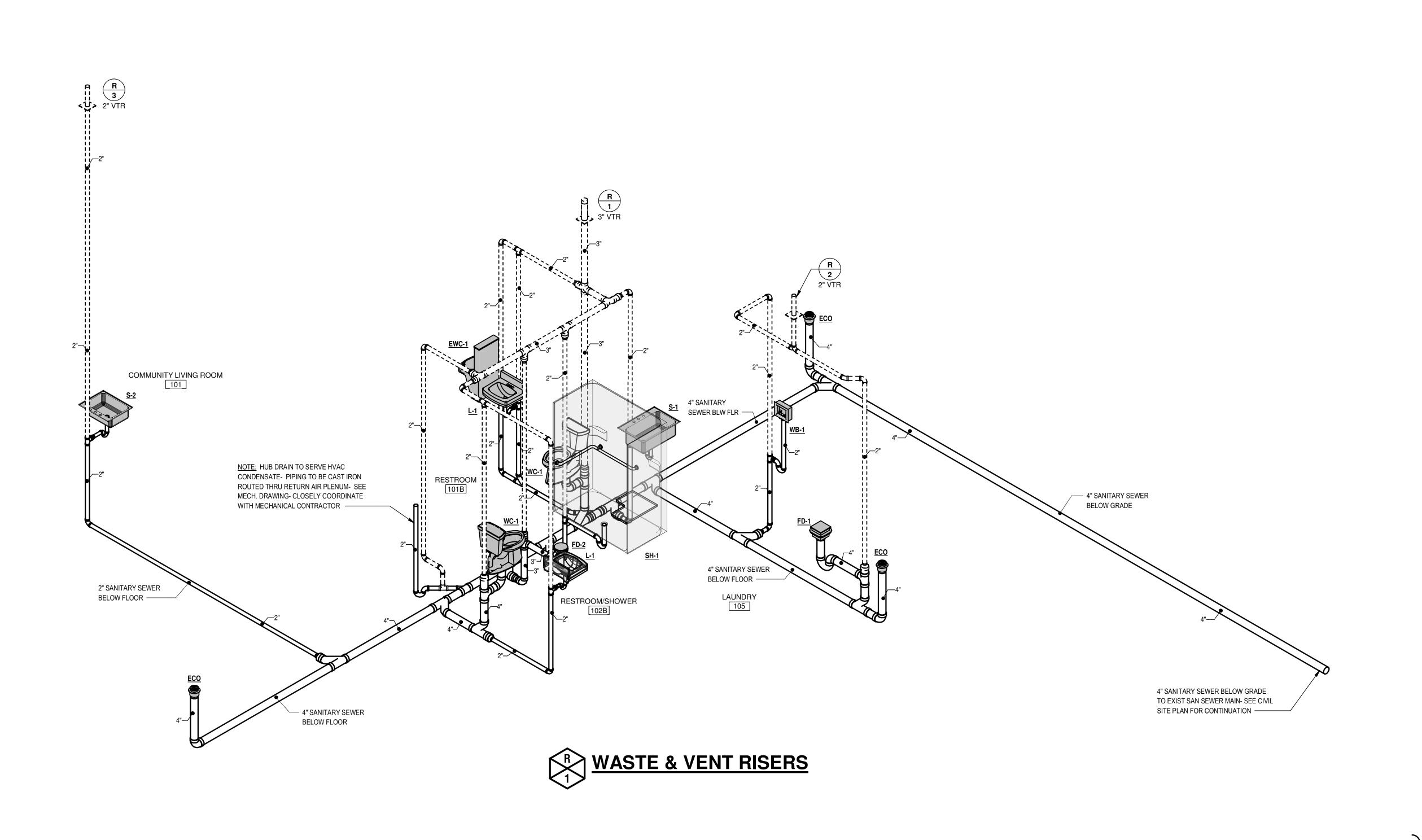
VETERANS

DATE 2021-01-14 CONTENTS

DETAILS - PLUMBING

VETERANS' VILLAGE

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COOPER MIXON
A R C H I T E C T S

505 union street, 2nd flr jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

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VETERANS' VILLAGE COMMUNITY BLDG

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2021-01-14

CONTENTS
WASTE & VENT RISERS

- PLUMBING

PETTIT & PETTIT CONSULTING ENGINEERS, INC.
No. 78

P3.01

					PLUMBING FIXTUR	E SCHEDULE				
	MANUFACTURER	MODEL	DESCRIPTION	ADA COMPLIANT	TRIM	SUPPLIES	TRAP	GPM	SUPPORT	COMMENTS
EWC-1	Dasis International	PG8AC	Versacooler II (with VersaFilter System) shall deliver 8 gallons of 50 degree F water at 80 degree in let water and 90 degree F ambient. Bubblers shall be chrome-plated brass (or stainless steel) and built in regulator to deliver smooth ready stream at supply pressures from 20 to 125 psi. Model shall include PG8AC and 'VersaFiller' Sports Bottle Filler with hands free activation. Cooler top shall be 304 stainless steel with anti-splash design. Cooler frame shall be 16-gage welded steel and prime coated for corrosion protection. Cabinet Finish shall be Brushed Stainless Steel. Water cooler shall have 5-year warranty on sealed refrigeration system and most component parts.			McGuire H-ST12LK heavy cast brass straight stop with loose key handle, 1/2 inch size;			Zurn Z-1225-BL 'Rigid Plate System' having steel uprights with support plates, and bearing jacks mounted on adjustable header	NOTE: See Architectural drawings for exact locations and mounting height requirements.
FPWH-1	Zurn Industries	Z-1300	'Ecolotrol' anti-siphon, non-freeze, 3/4 inch size nickel bronze casing and all bronze interior parts and non-turning operating rod with free floating compression closure valve, polished nickel bronze face, integral backflow preventer, union elbow inlet, wall clamp and key handle. Box face and hinged cover shall be nickel bronze complete with operating key lock.							
IMB-1	IPS Corporation	BIM875	'Guy Gray' 9 inch by 10-7/8 inch size, equipped with 1/2 inch combination NPT brass connectors, all welded construction, fabricated of No. 16 U.S. standard gage steel with high corrosion resistant epoxy finish. Recessed steel box with cold water stop for ice maker water connection. Rough-in and final connect all refrigerator with icemakers and under counter icemkers; provide soft 1/4 inch copper pipe to appliance.							
L-1	Kohler	K-2030	'Greenwich' wall-mounted, 20-3/4 inch by 18-1/4 inch size, vitreous china with back, rectangular basin, splash lip, 8 inch centers, front overflow and two soap depressions		Kohler K-7307-4A 'Triton' lavatory faucet with 5 inch spout with standard water guard aerator, renewable valve units, lever handles coupling nuts, rigid connectors, Mcguire 155-A drain with perforated strainer and 1-1/4 inch tailpiece; Contractor to furnish and install below deck thermostatic mixing valve equal to Acorn model ST70. (105° F tempered water to be delivered to HW side of faucet)	key handle, annealed vertical tube, chrome plated cast brass set screw escutcheon, c.p. brass nipple to wall;	Mcguire 8872 (1-1/4 inch) polished chrome plated cast brass adjustable 'P' trap with cleanout and 17-gage tubing to wall with C.P. cast brass set screw escutcheon;		Zurn Z-1231 concealed arm carrier having steel uprights with adjustable headers, concealed arms	NOTE: All exposed supply (hot and cold water) and drain piping shall be insulated to meet ADA requirements. P-Trap and angle valve assemblies shall be covered with molded, anti-microbial Truebro, Inc. 'Lav-Guard' Model #102 (verify exact model required). Color grey. Cover shall be secured with snap-clips. Angle stops shall have lock-lid access covers.
S-1	Just Mfg.	SLX-2231-A-GR	22inch by 31 inch by 10½ inch size, single compartment, 18 gauge Type 304 (18-8) stainless steel, countermount, hand blended satin finish, underside undercoated, J-35 stainless steel cup strainer with removable stainless steel basket, rubber seat stopper and 1½ inch O.D. chrome plated brass tail piece 4 inches long.		Chicago model 200-AHA8-317ABCP sink faucet with rigid/swing high rise spout, 2.2 GPM flow aerator, renewable valve units, 4 inch wrist blade handles, coupling nuts, rigid connectors, handspray.	annealed vertical tube, chrome plated cast brass set screw	McGuire 8912 (1½ inch) polished chrome plated cast brass adjustable 'P' Trap with cleanout and 17 gage tubing to wall with C.P. Brass set screw escutcheon.		Counter Mounted	
S-2	Just Mfg.	SL-2125-A-GR	21inch by 25 inch by 7½ inch size, single compartment, 18 gauge Type 304 (18-8) stainless steel, self rimming, hand blended satin finish, underside undercoated, compartment and faucet deck recessed 3/16 inch below outside of sink, J-35 stainless steel cup strainer with removable stainless steel basket, rubber seat stopper and 1½ inch O.D. chrome plated brass tail piece 4 inches long.		Chicago model 201-AGN8AE29-317AB sink faucet with high rise swing spout, 2.2 GPM laminar flow aerator, renewable valve units, 4 inch wrist blade handles, coupling nuts, rigid connectors.	annealed vertical tube, chrome plated cast brass set screw	McGuire 8912 (1½ inch) polished chrome plated cast brass adjustable 'P' Trap with cleanout and 17 gage tubing to wall with C.P. Brass set screw escutcheon.		Counter Mounted	
SH-1	Comfort Designs Bathware	XSS6233BF	62 inches X 32-3/4 inches X 78-1/2 inches oustside dimensions, solid surface shower enclosure. Finish surface shall be of a sanitary grade solid surface with minimal thickness of 55 dry mils. Enclosure shall be equipped with 18 gauge stainless steel 'L' grab bar (-LS), 24 inch stainless steel vertical grab bar (-VS), HDPE white fold up seat (-HD), Stainless Steel Curtain Rod (-CRS), Vinyl Weighted Curtain (-CVW), Collapsible Water Dam (-CD), Brass Drain (-DR), and tri cell backing (-TC).		Symmons 'Origins' Pressure Balancing Valve Model 9605-PLR-X-B-VP, Seperate Diverter, Wall/Hand Shower with 5 foot flexible metal hose and in-line vacuum breaker, 36 inch slide bar for hand shower mounting, Lever Handle, Integral Service Stops (-X), Chrome Plated Brass Escutcheon (-B), Vandal Resistant (-VP). Furnish Symmons 'Super Showerhead' Model 4-231 with 2.0 gpm flow rate restrictor.					Contractor to provide blocking in walls as required
	IPS Corporation	FB200ST	11.62 inch by 9.5 inches tall by 3.5 inches deep, 18 GA. steel box, two ¾inch hose bibs, 2inch chase nipple with 2inch rubber washer and lock nut at drain. Provide 18 GA. steel cover							
WC-1	Kohler	K-3999	'Highline', vitreous china, 1.6 gallon 'Class Five' flush tank system, close-coupled design, 14-1/2 inch high elongated rim, floor mounted, 12 inch rough-in, bolt caps; furnish fixture in color as selected by Architect		Olsonite 95-SS 'Industrial', finish white, extra heavy-duty plastic for elongated bowl, open front with concealed check hinge, self-sustaining feature and stainless steel hinge post.	McGuire H2169 1/2 inch IPS heavy cast brass angle supply with wheel handle stop, annealed vertical tube, chrome plated cast brass set screw escutcheon; c.p. brass nipple to wall;			Floor Mounted	

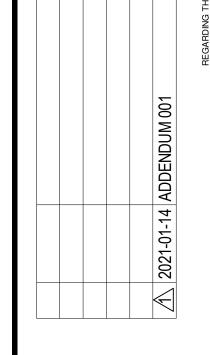
NOTE: Equipment (By Others): Rough-in and make final connections for equipment as indicated on plans. Furnish EBC, McGuire, or Kohler straight stop (1/2 inch IPS) or female inlet and outlet and polished chrome plated cast brass; Kohler K-8998 (1-1/4 inch) or K-9000 (1-1/2 inch), McGuire, or EBC polished chrome plated cast brass adjustable ground joint swivel pattern with cleanout and other trim as specified on plans. All exposed piping shall be chrome plated and escutcheons shall be C.P. cast brass set screw type.

			PLUMBING EQUIPMENT SO	CHEDUI	LE		
TYPE MARK	MANUFACTURER	MODEL	DESCRIPTION	HORSEPOWER	VOLTAGE	PHASE	COMMENTS
WH-1	A. O. Smith	DEN-40	Commercial Electric Water Heater- Heater shall be rated at 6.0 KW, 240 V, Single Phase, 60 cycle AC, and listed by Underwriters Laboratories. Heater shall have a maximum working pressure of 150 psi. A nominal storage tank capacity of 40 gallons with a separate 3/4 inch tapping for relief valve installation and be equipped with extruded high density magnesium anode, internal surfaces exposed to water shall be glass lined, outer jacket of baked emamel finish provided with full size control compartment for performance and maintenance through hinged front panels and tank enclosed with foam insulation. Elements shall be medium watt density with zinc plated copper sheath, controlled by individually mounted thermostat and high temperature cut off switch. Tank shall be 40 gallon capacity, brass drain valve with wheel handle, and A.W. Cash Valve Mfg. Corp., A.S.M.E. temperature and pressure relief valve. Units shall have manufacturer's three year warranty and shall meet the requirements of ASHRAE 90-A for energy efficiency. Provide 18 inch diameter, 2 inch deep catch pan kit with 1inch drain outlet. Fully illustrated instruction manual to be included.		240	1	

	PLUMBING DRAIN SCHEDULE								
TYPE MARK	MANUFACTURER	MODEL	DESCRIPTION	COMMENTS					
FD-1	Wade		Cast Iron 8inchx8inchx6inch Square Floor Sink with 6inch Sump, A.R.E. Interior, Aluminum Dome Strainer and 3/4 Nickel Bronze Hinged Top. Note: All floor sinks shall be accessorized for vandal proof installation and shall have 'Pro Set' trap guards.						
FD-2	Wade		Cast Iron Drain with Flange, Integral Reversible Clamping Collar, Seepage Openings, 7 inch Diameter Nickel Bronze Strainer and Vandal Proof Screws. Note: All floor drains shall be accessorized for vandal proof installation and shall have 'Pro-Set' trap guards.						

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505 union street, 2nd flr jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

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PROJECT NO.

2029

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SCHEDULES -

PLUMBING

REGISTERED PROFESSIONAL ENGINEER NO.11043

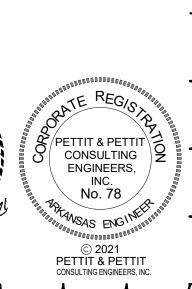
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GENERAL NOTES

- 1. CIRCUITS OF DIFFERENT PHASES MAY SHARE EQUIPMENT GROUND. EQUIPMENT GROUND CONDUCTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS.
- ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER THW, THHN, THWN, AND ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER USING BOLTED LUGS AT TERMINALS.
- MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED. SEE SPECS FOR CONDUIT REQUIREMENTS. ALL CONDUIT SHALL BE CONCEALED UNLESS OTHERWISE NOTED.
- 4. MINIMUM WIRE SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED.
- ALL WORK SHALL COMPLY WITH THE 2014 EDITION OF THE NATIONAL ELECTRICAL CODE.
- ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTORS FOR EXACT LOCATION OF HVAC AND PLUMBING EQUIPMENT.
- 7. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER SIZING OF ALL MOTOR OVERLOAD DEVICES (HEATERS) IN STARTERS BASED ON ACTUAL NAMEPLATE RATINGS ON THE MOTOR BEING INSTALLED.
- 8. USE COMPRESSION FITTINGS ON CONDUIT, SET SCREW FITTINGS ARE NOT ALLOWED.
- 9. LABEL ALL NEW CIRCUITS ON PANEL SCHEDULES.
- 10. 6'-0" MAXIMUM LENGTH ON FLEXIBLE CONDUIT.
- 11. FIRE PROOF ALL PENETRATIONS MADE THROUGH FIRE RATED WALLS.
- 12. ALL DEVICES SHALL BE RATED 20 AMP MINIMUM, VERIFY COLOR WITH
- 13. CONNECT DEVICES BY WRAPPING WIRE AROUND SCREW TERMINAL IN A CLOCKWISE DIRECTION AND TIGHTEN SCREW, BACK-CONNECTED SPRING DEVICES ARE NOT ALLOWED.
- 14. PULL ALL THE CONDUCTORS THROUGH RACEWAY AT THE SAME TIME.
- 15. ALL BOXES SHALL BE INDEPENDANTLY SUPPORTED TO THE BUILDINGS STRUCTURE.
- 16. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL ELEVATIONS AND MILLWORK DETAILS FOR EXACT LOCATIONS OF ALL WIRING DEVICES.
- 7. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL LAY-IN LIGHT FIXTURES.
- THE SPECIFICATIONS ARE AS BINDING ON THE CONTRACTOR AS THE DRAWINGS. THE CONTRACTOR SHALL READ THE SPECIFICATIONS AND SHALL INCLUDE ALL ITEMS REQUIRED BY THE SPECIFICATIONS BEFORE SUBMITTING A BID.

	SYMBOL LEGEND
φ	DUPLEX RECEPTACLE AT 18" A.F.F TAMPER RESISTANT GFI - GROUND FAULT CIRCUIT INTERUPTER AC - MOUNTED ABOVE COUNTER WP - PROVIDED WITH WEATHERPROOF IN-USE TYPE COVER
φ	SPECIAL PURPOSE RECEPTACLE NEMA CONFIGURATION SHOWN ON PLAN
∇	DATA OUTLET - BOX AND CONDUIT ONLY PROVIDE BLANK COVER PLATES
WAPI	WIRELESS ACCESS POINT - BOX AND CONDUIT ONLY PROVIDE BLANK COVER PLATES
\$	SINGLE POLE TOGGLE SWITCH AT 48" A.F.F. TYPICAL D - 0-10V DIMMER EQUAL TO WATTSTOPPER RH4FBL3PW OC1 - DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH EQUAL TO WATTSTOPPER DW-100 OC2 - DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH EQUAL TO WATTSTOPPER DW-311 DT - DIGITAL TIMER EQUAL WATTSTOPPER TS-400
X++3	BRANCH CIRCUIT HOMERUN HOT-NETURAL-GROUND PANEL AND CIRCUIT NUMBER INDICATED ON PLAN
	PANELBOARD
	DISCONNECT SWITCH
(SD)	120V SMOKE DETECTOR



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1 2021-01-14 ADDENDUM 001

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505 union street, 2nd flr jonesboro, ar 72401
phone 870.336.0536 www.coopermixon.com

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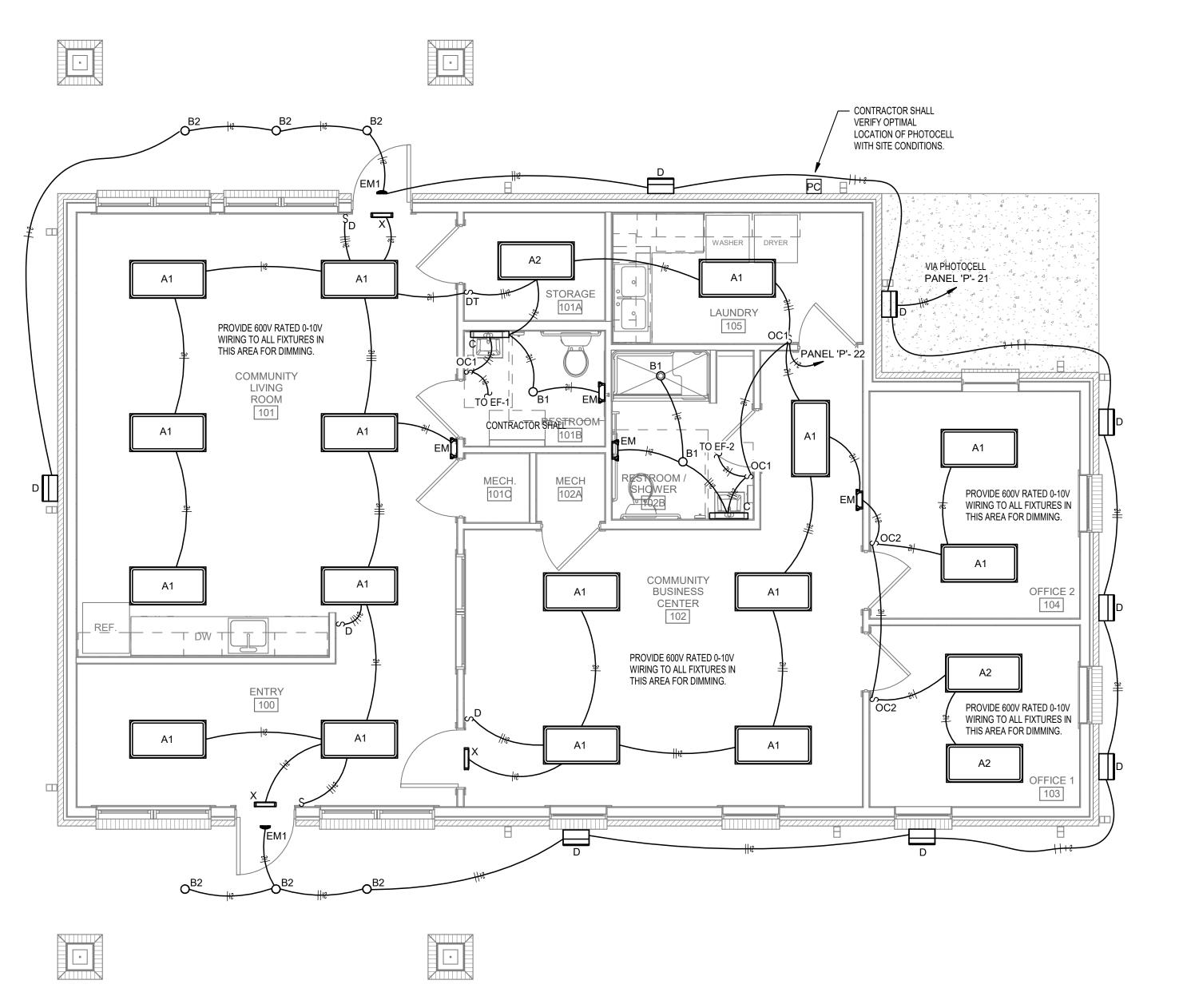
2021-01-14

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SITE PLAN -ELECTRICAL

SHEET NUMBER

	LIGHT FIXTURE SCHEDULE								
TYPE MARK	MANUFACTURER	MODEL	ELECTRICAL DATA	DESCRIPTION					
A1	ACUITY LIGHTING	CPANL-2X4-60LM-35K-M2-2X4SMKSH	120 V/1-52 VA	2X4 LED FLAT PANEL WITH SURFACE MOUNT KIT					
A2	ACUITY LIGHTING	CPANL-2X4-50LM-35K-M2-2X4SMKSH	120 V/1-42 VA	2X4 LED FLAT PANEL WITH SURFACE MOUNT KIT					
B1	ACUITY LIGHTING	JSF-7IN-10LM-35K-90CRI-120-FRPC	120 V/1-13 VA	LED SLIMFORM LED SURFACE MOUNTED DOWNLIGHT					
B2	ACUITY LIGHTING	JSF-7IN-10LM-40K-90CRI-120-FRPC	120 V/1-13 VA	LED SLIMFORM LED SURFACE MOUNTED DOWNLIGHT					
С	LUMAX LIGHTING	N4UDLED -20LF-35K-24-9FAF-WM	120 V/1-42 VA	WALL MOUNT LINEAR LED VANITY LIGHT					
D	LITHONIA LIGHTING	WST-LED-P3-40K-VF-MVOLT	120 V/1-50 VA	EXTERIOR WALL PACK					
EM	ACUITY LIGHTING	ELM4L-UVOLT-LTP-SDRT	120 V/1-7 VA	LED EMERGENCY LIGHT WITH LITHIUM IRON PHOSPHATE BATTERY					
EM1	ACUITY LIGHTING	AFO-CBA-MVOLT-N-SD-CW	120 V/1-3 VA	EXTERIOR LED EMERGENCY LIGHT					
F1	LITHONIA LIGHTING	DSX0-LED-P7-40K-T5W-MVOLT-SPA-CBA-DLL127F1.5JU 25' SQUARE POLE	120 V/1-166 VA	LED SITE LIGHTING WITH 25FT SQUARE POLE					
F2	LITHONIA LIGHTING	DSX0-LED-P7-40K-T5W-MVOLT-SPA-CBA-DLL127F1.5JU 12' SQUARE POLE	120 V/1-166 VA	LED SITE LIGHTING WITH 12FT SQUARE POLE					
Х	ACUITY LIGHTING	ECBG-LED-M6	120 V/1-2 VA	INTEGRATED LED EXIT/UNIT COMBO					



1 FIRST FLOOR PLAN - LIGHTING

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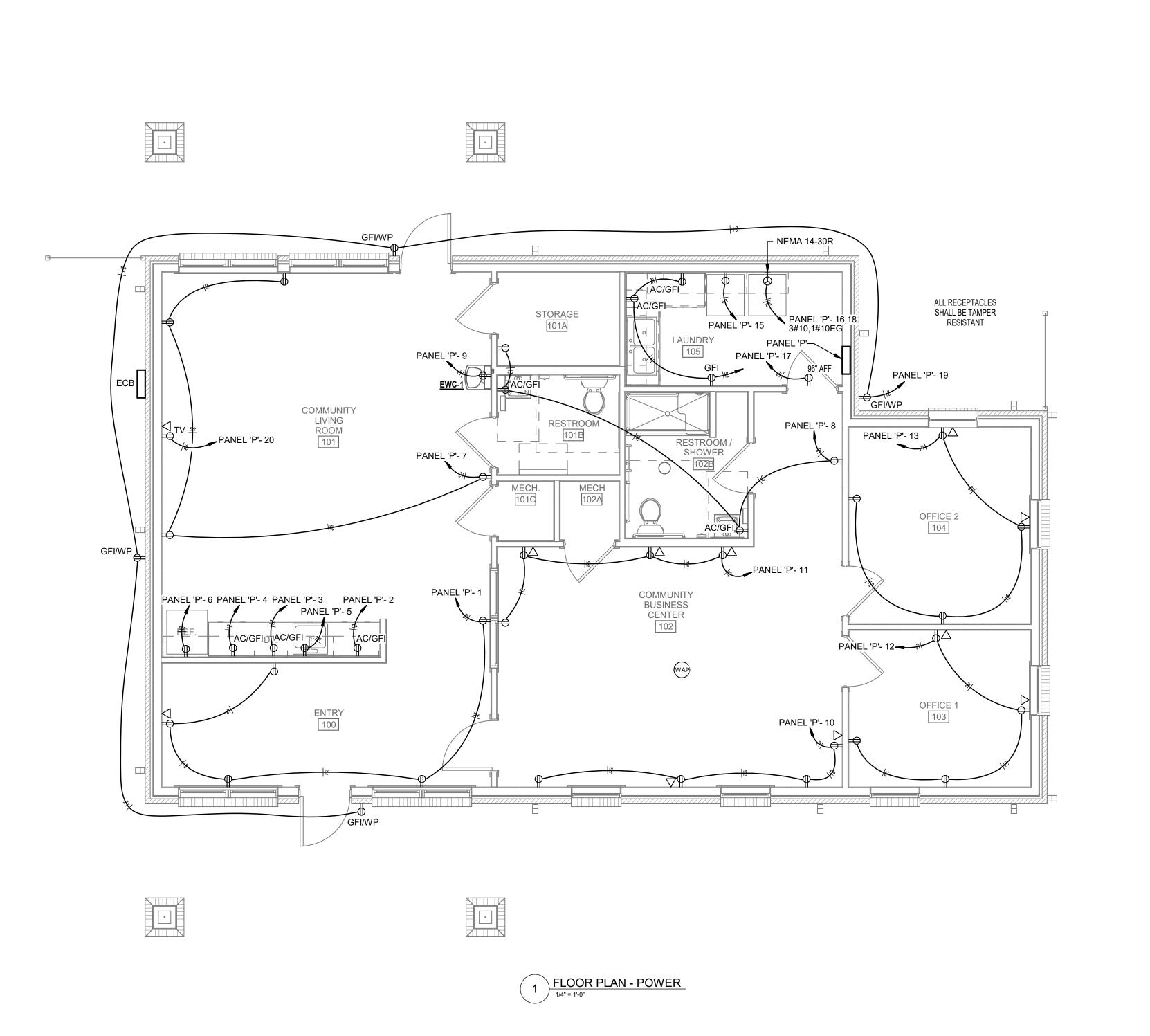
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FLOOR PLANS -LIGHTING

SHEET NUMBER



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COOPER MIXON

A R C H I T E C T S

505 union street, 2nd flr jonesboro, ar 72401

phone 870.336.0536 www.coopermixon.com

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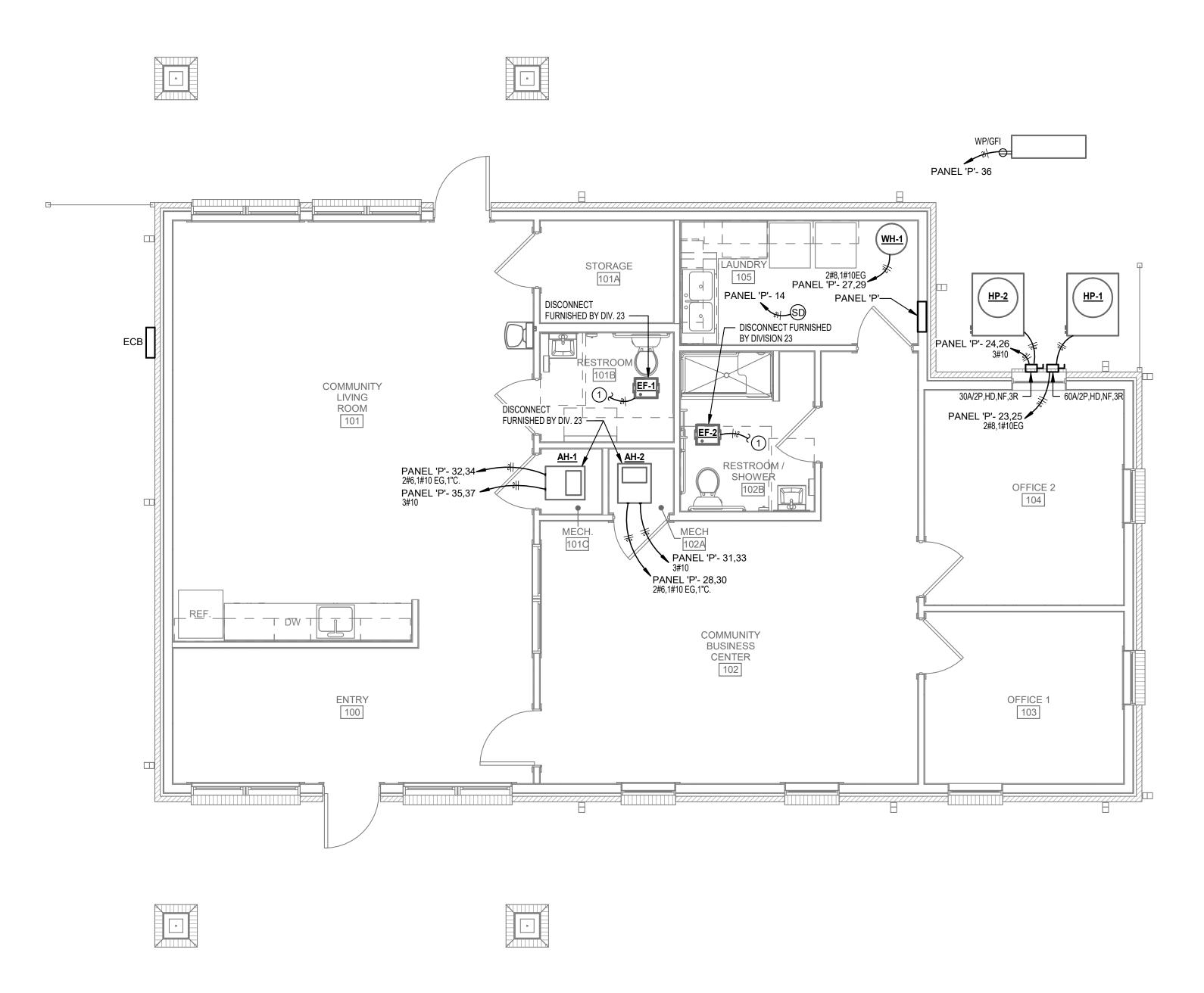
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FLOOR PLANS - POWER

SHEET NUMBER

SYSTEMS KEYED NOTES

1) EXHAUST FANS TO BE INTERLOCKED WITH LIGHT FIXTURES.



1 FLOOR PLAN - SYSTEMS



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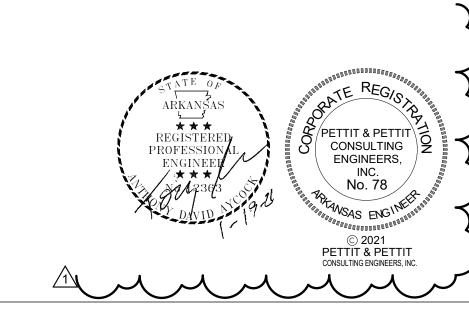
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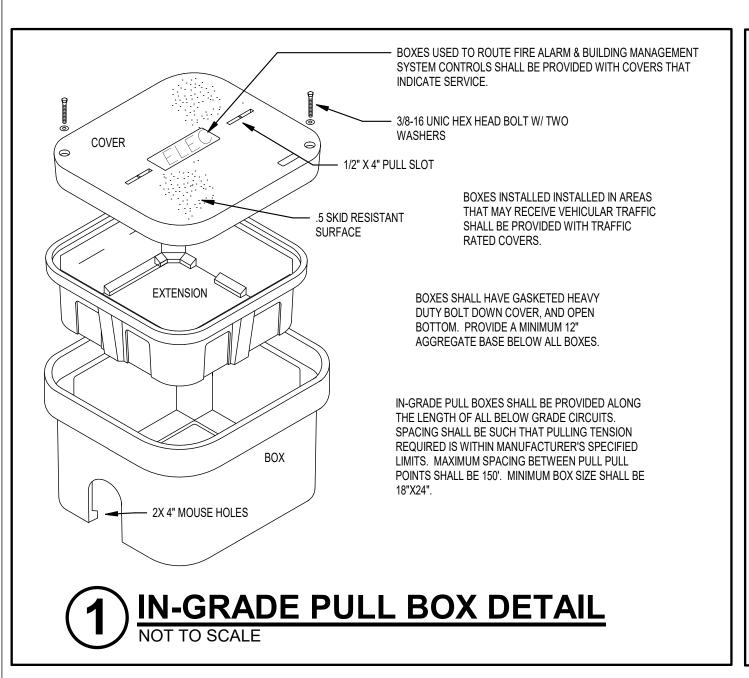
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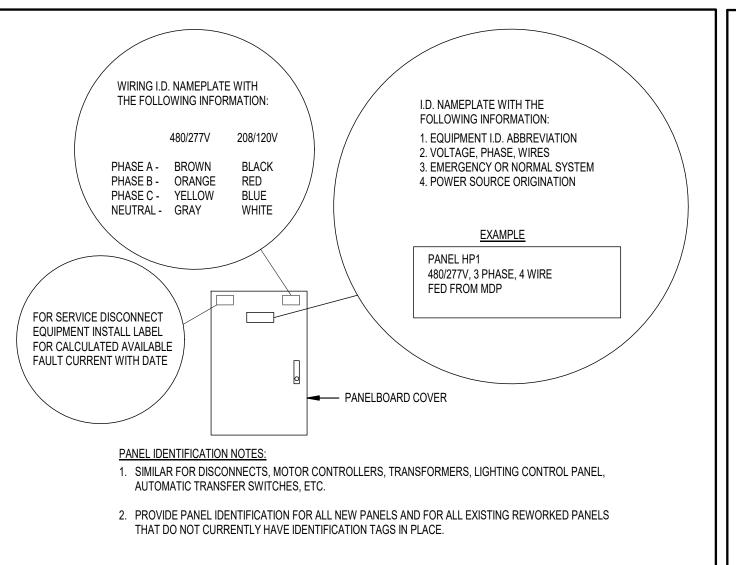
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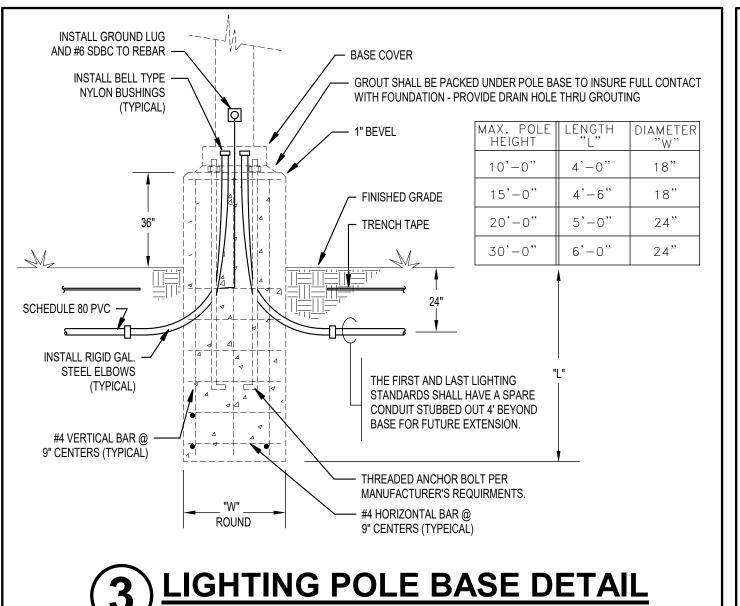
CONTENTS FLOOR PLANS -

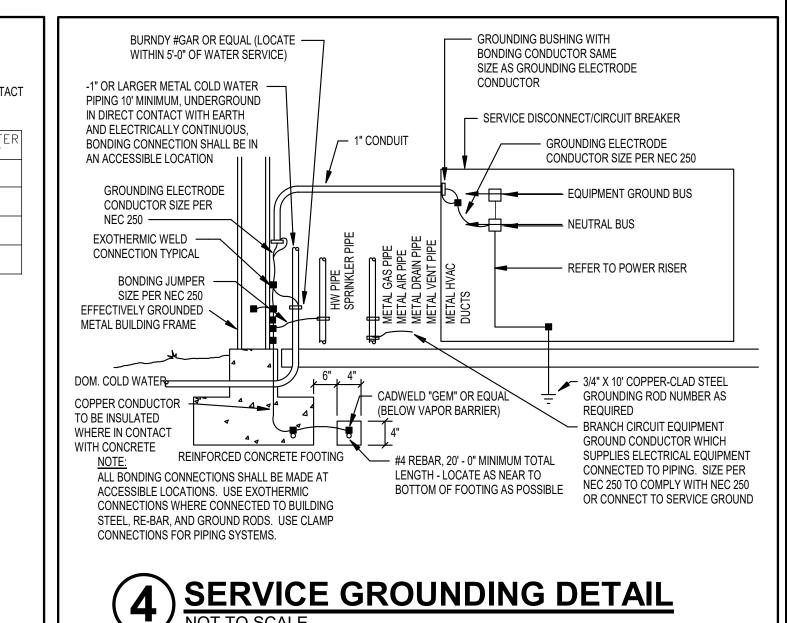


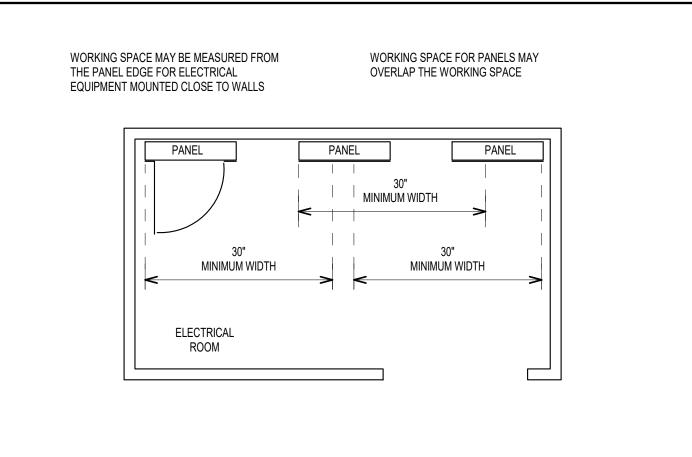




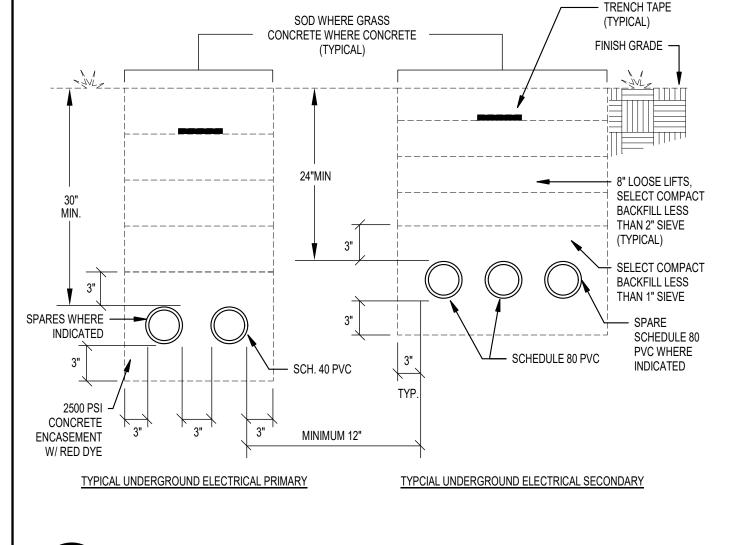
PANEL & SERVICE ID DETAIL

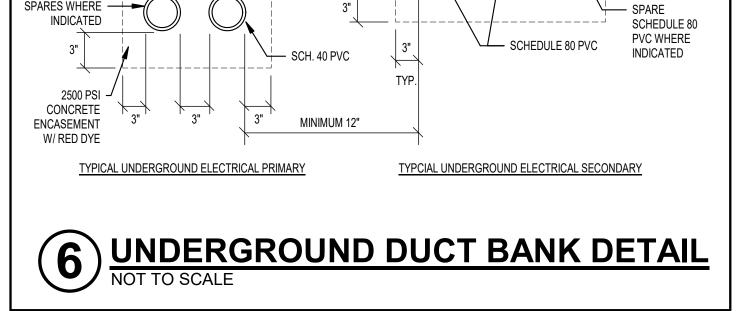


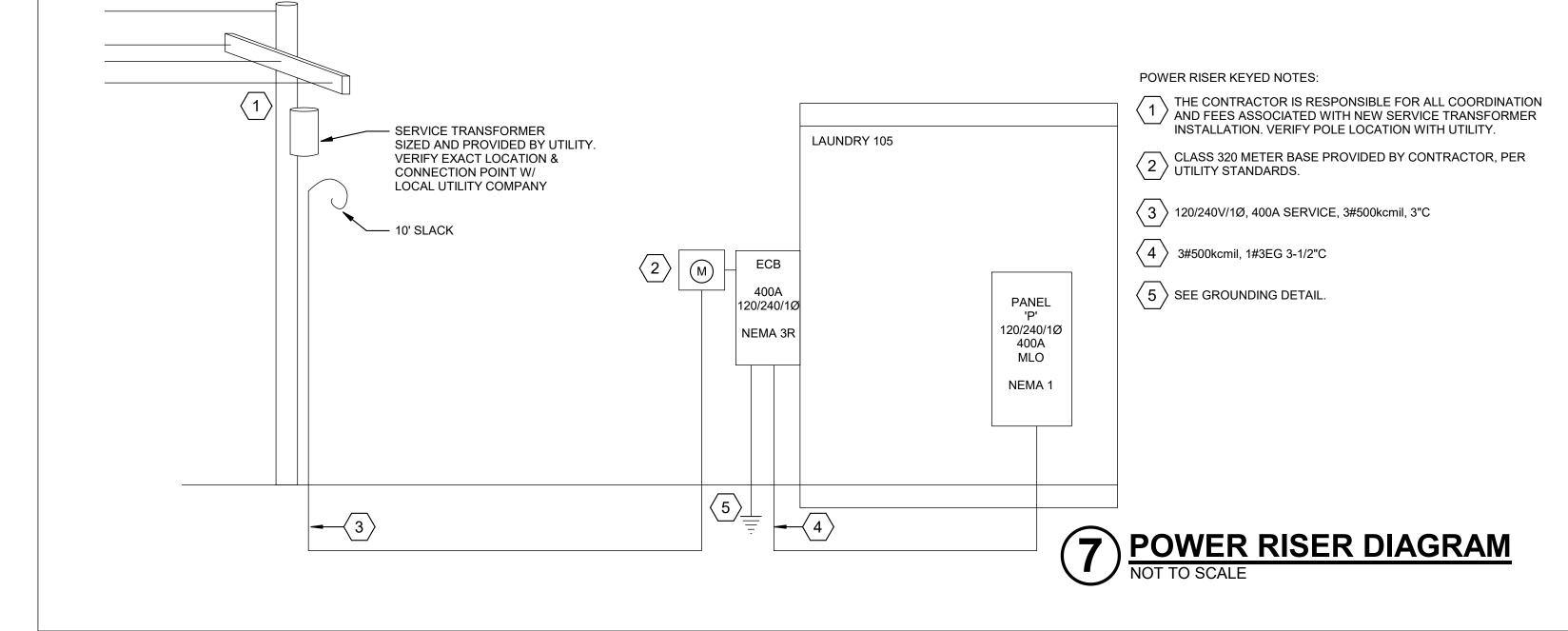




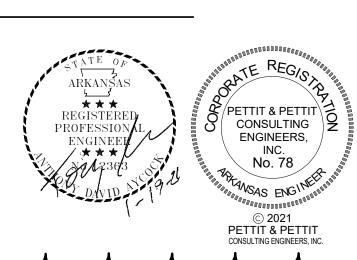
5 ELECTRICAL WORKING SPACE NOT TO SCALE







Panelboard: PANEL 'P'				VOLTAGE: 120/240 Single			COPPER BUS RATING: 400 A			MAINS TYPE:	MLO
LOCATION: LAUNDRY 105				PHASE: 1			GROUND BUS:			MCB RATING: N/A	
	MOUNTING:	FLUSH	WIRES: 3			MINIMUM A.I.C. RATING:		22k	FED FROM:	l: ECB	
	ENCLOSURE:	Type 1	MFR. AND TYPE:		SQUARE D NQ	SUBFEED LUG		UGS:		NEUTRAL RATING:	100.00%
ircuit umber	Load Nan	ne	BRKR	A				BRKR	Load Name		Circuit Number
1	ENTRY 100 RECEPTS		20A/1P	900 VA	180 VA			20A/1P	KITCHENETTE RECEPTS		2
3	KITCHENETTE F	ECEPTS	20A/1P			180 VA	180 VA	20A/1P	KITCHE	NETTE RECEPTS	4
5	*DISHWASH	ER*	20A/1P	1000 VA	1000 VA			20A/1P	*REF	RIGERATOR*	6
7	COMMUNITY LIVING	ROOM 101	20A/1P			720 VA	720 VA	20A/1P	101A,101B	,102,102B RECEPTS	8
9	*EWC*		20A/1P	500 VA	720 VA			20A/1P	BUSINESS C	ENTER 102 RECEPTS	3 10
11	BUSINESS CENTER	02 RECEPTS	20A/1P			720 VA	720 VA	20A/1P	OFFICE	1 103 RECEPTS	12
13	OFFICE 2 104 R	ECEPTS	20A/1P	720 VA	540 VA			20A/1P	LAUNDI	RY 105 RECEPTS	14
15	*WASHE	? *	20A/1P			500 VA	2500 VA	30A/2P		DRYER	16
17	IT RACK		20A/1P	1000 VA	2500 VA			JUA/2P	<u> </u>	שתובת	18
19	OUTDOOR RE	CEPTS	20A/1P			720 VA	500 VA	20A/1P	COMMUNITY LIVING ROOM TV		20
21	OUTDOOR LIGHTING		20A/1P	816 VA	1114 VA			20A/1P	INDOOR LIGHTING		22
23	UD 1		35A/2P			2520 VA	2280 VA	20 A /2D		HP-2	24
25	HP-1		35A/2P	2520 VA	2280 VA			30A/2P		пР-2	26
27	\\/\.1.4		05 A /0D			3000 VA 6360 VA	604/20	AH-	AH-2 CIRCUIT #1		
29			35A/2P	3000 VA	6360 VA			60A/2P		/ BREAKER SIZE	30
31	AH-2 CIRCUIT #2 VERIFY BREAKER SIZE		05 A /0D	2400 VA		2400 VA 636	6360 VA	604/00	AH-	1 CIRCUIT #1	32
33			25A/2P		6360 VA			60A/2P	VERIFY BREAKER SIZE		34
35	AH-1 CIRCUIT #2		0E A /0D			2400 VA	1500 VA	20A/1P	HOT BOX Spare		36
37	VERIFY BREAKER SIZE		25A/2P	2400 VA	0 VA			20A/1P			38
39	Spare		20A/1P			0 VA	0 VA	20A/1P	Spare		40
41	Spare		20A/1P	0 VA	0 VA			20A/1P	Spare		42
43	Spare		20A/1P			0 VA	0 VA	20A/1P	Spare		44
45	Spare		20A/1P	0 VA	0 VA			20A/1P	Spare		46
47	Space					0 VA	0 VA			Space	48
49	Space			0 VA	0 VA					Space	50
51	Space					0 VA	0 VA		Space		52
53	Space			0 VA	0 VA					Space	54
	Total Loa	d		363	10 VA	3428	80 VA		•		1
	Total Am	os		30)3 A	28	6 A				
Load Classification Connected Load					Estimated Demand			Panel Totals			
Lighting 888 VA		125.00%		1110 VA		Tot	tal Connected L				
	Receptacles 12520 VA			89.9		11260 VA		Total Estimated [
	HVAC 50640 VA			100.0		50640 VA		Total Connected			
Power 6458 VA			100.00				58 VA	lotal Es	st. Demand Cur	rent: 290	А
Other 84 VA		100.00%			84 VA						
	Motor 0 VA		0.00%			0 VA					
•	Heating 0 VA		0.00%		0 VA						



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ELECTRICAL LEGENDS & DETAILS