

PLUMBING SYMBOLS LIST			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
— CW —	COLD WATER LINE	AFF	ABOVE FINISHED FLOOR
— A —	COMPRESSED AIR LINE	AHJ	AUTHORITY HAVING JURISDICTION
— G —	GAS LINE	CONT	CONTRACTOR
— HW —	HOT WATER LINE	EWC	ELECTRIC WATER COOLER
----- CON -----	MECHANICAL EQUIPMENT CONDENSATE LINE	FDC	FIRE DEPARTMENT CONNECTION
— O —	OIL LINE	GCO	GROUND CLEAN OUT
----- PLUMBING VENT LINE -----	PLUMBING VENT LINE	L	LAVATORY
— OW —	UNDERGROUND OIL WASTE LINE	MS	MOP SINK
— SAN —	UNDERGROUND SANITARY DRAIN LINE	NTS	NOT TO SCALE
FCO	FCO-FLOOR CLEAN OUT	TP	TRAP PRIMER
FD	FD-FLOOR DRAIN	UNO	UNLESS NOTED OTHERWISE
HB	HOSE BIBB	UR	URINAL
WCO	WALL CLEAN OUT	VIF	VERIFY IN FIELD
	SHUT-OFF VALVE	VTR	VENT THROUGH ROOF
		WC	WATER CLOSET

CIVIL ENGINEERING DESIGN COORDINATION NOTICE

NOTICE TO ALL PARTIES HAVING AN INTEREST IN THIS CONSTRUCTION PROJECT

- CIVIL ENGINEERING FOR THIS PROJECT IS BEING PERFORMED BY OTHERS.
- CONTRACTORS RELYING ON DOCUMENTS NOT COORDINATED WITH THE CIVIL ENGINEERING WORK SHALL DO SO AT THEIR OWN RISK.
- COORDINATION WITH THE CIVIL ENGINEERING DOCUMENTS HAS BEEN COMPLETED ONLY AS SHOWN BELOW.

CIVIL ENGINEERING CONSULTANT IS: **CEI ENGINEERING ASSOCIATES, INC.**
3108 S.W. REGENCY PKW. BENTONVILLE, AR

CIVIL SHT. DWG. NO.	CIVIL SHEET DWG. TITLE	REV. NO.	REV. DATE	REV. NO.	REV. DATE	REV. NO.	REV. DATE
C5	UTILITY PLAN						

COORDINATION CHECKED BY		INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
DISCIPLINE:		RMC	07/22/19				

SLOPE OF HORIZONTAL DRAINAGE PIPE	
SIZE	MINIMUM SLOPE
2-1/2" OR LESS	1/4" / FT OR 2%
3" TO 6"	1/8" / FT OR 1%

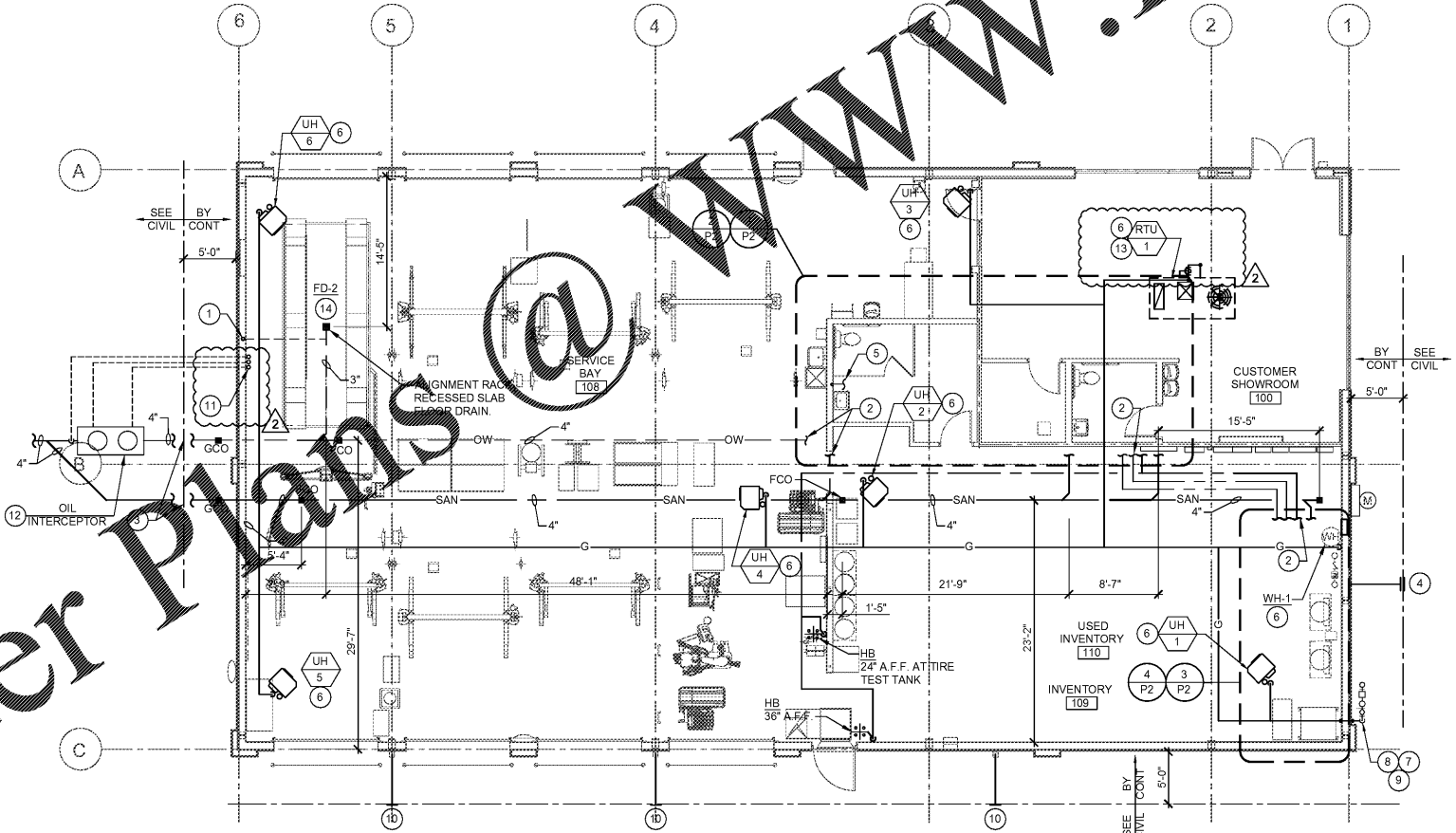
NOTE:
SCHEDULE BASED ON INTERNATIONAL PLUMBING CODE, SECTION 704 - TABLE 704.1.

NOTE:
CONTRACTOR SHALL REFER TO SHEET A3 - ROOF PLAN FOR ACCEPTABLE APPROXIMATE LOCATIONS OF ROOF PENETRATIONS.

NOTE:
ROUTE ALL WATER AND GAS PIPING TIGHT TO CEILING AND WALLS WHERE POSSIBLE. NO PIPING SHALL BE ROUTED IN UNCONDITIONED SPACES. ALL EXPOSED PIPING SHALL BE INSULATED AND LABELED.

NOTE:
SANITARY AND DOMESTIC WATER PIPE ROUTING ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE EXACT ROUTING WITH FIELD CONDITIONS. REFER TO PIPING DIAGRAMS ON SHEET P6.

PLUMBING INVERTS:
STARTING POINT: 0' - FINISHED FLOOR
ENDING POINT: 5'-0" OUTSIDE BUILDING
SANITARY: 42"
OIL WASTE: 40"



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

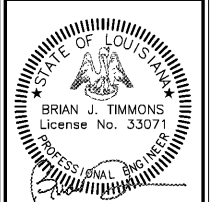
- ### KEYED PLAN NOTES - THIS SHEET
- 2" VENT UP TO 3" VENT THRU ROOF.
 - SEE ENLARGED RESTROOMS SHEET P2 FOR CONTINUATION.
 - SANITARY LINE, EXTEND 5'-0" OUT FROM BUILDING. SEE CIVIL PLANS FOR CONTINUATION.
 - DOMESTIC WATER SERVICE TO MAIN. EXTEND 5'-0" OUT FROM BUILDING. SEE CIVIL PLANS FOR CONTINUATION.
 - VERIFY LOCAL REQUIREMENTS FOR CONDENSATE DISPOSAL. ROUTE FULL SIZE OF RTU CONNECTION TO NEAREST ROOF DOWNSPOUT WITH 1/8" PER FOOT SLOPE AND TERMINATE WITH AIR GAP PER CODE. IF CITY REQUIRES CONDENSATE DISPOSAL TO SANITARY, ROUTE FULL SIZE CONDENSATE LINE TO MOP SINK. ROUTE PIPE AT AN 1/8" PER FOOT SLOPE HORIZONTALLY AND TIGHT TO WALL VERTICALLY. PROVIDE CODE REQUIRED AIR GAP.
 - GAS PIPE DROP TO GAS FIRED EQUIPMENT. PROVIDE GAS COCK, DIRT LEG, FLEXIBLE CONNECTOR (WHERE APPROVED). ALL GAS PIPING AND ACCESSORIES SHALL NOT EXTEND BELOW THE BOTTOM OF THE UNIT.
 - GAS METER BY UTILITY. CONTRACTOR SHALL VERIFY THAT NEW GAS SERVICE IS REGULATED FOR 7 IN. W.C. AND THE GAS METER IS A MINIMUM CAPACITY SPECIFIED ON SHEET P6. ALL GAS PIPING IN UNCONDITIONED SPACES SHOULD BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND/OR PROJECT ENGINEER.
 - ROUTE GAS PIPE TIGHT TO WALL AND AS REQUIRED TO GAS METER. COORDINATE LOCATION THROUGH IN AND OUT INSTALLATION OF GAS PIPE. GAS PIPING IS SIZED BASED ON 7 IN. W.C. PRESSURE AND A 0.5 W.C. PRESSURE DROP PER THE INTERNATIONAL PLUMBING CODE, TABLE 402.02.
 - CONTRACTOR SHALL PROVIDE GAS PRESSURE REGULATOR ON CUSTOMER SIDE OF METER. SUPPLY BUILDING EQUIPMENT WITH 7" W.C. PRESSURE. REFER TO PRESSURE REGULATOR SCHEDULE ON SHEET P6 FOR SIZING REQUIREMENTS. REFER TO REGULATOR MANUFACTURER'S INSTALLATION INSTRUCTION.
 - TURN DOWNSPOUT (DS) OUT AND TERMINATE TO GRADE. REFER TO ARCHITECTURAL DRAWINGS FOR DOWNSPOUT SIZE.
 - 2" UNDERGROUND VENTS UP ON INTERIOR FACE OF WALL. EXTEND UP 6" ABOVE FIXTURE RIM LEVEL. PROVIDE WCO ON EACH VENT LINE ONCE VENT LINES ARE ABOVE GROUND. COMBINE VENTS INTO (1) 3" VENT AND ROUTE UP IN WALL TO ROOF. PROVIDE 3" VENT THROUGH ROOF.
 - PROVIDE STRIP DRUGS-100 OIL AND SAND SEPARATOR. MINIMUM BASH SIZE: 250 GALLON STATIC LIQUID HOLDING CAPACITY. BASINS SHALL BE CONSTRUCTED OF POLYETHYLENE WITH BOLTED AND GASKETED TRAFFIC RATED CAST IRON COVERS. ALTERNATIVE BID: PRE-CAST CONCRETE TWO COMPARTMENT 350 GALLON STATIC HOLDING CAPACITY WITH BOLTED AND GASKETED TRAFFIC RATED CAST IRON COVERS. EXTEND 2" VENT LINE FROM EACH COMPARTMENT OR PER MANUFACTURER'S INSTRUCTIONS. INSURE THAT ALL UNDERGROUND PIPING AND OIL INTERCEPTOR PRESERVES THE ADJACENT BUILDING'S FOOTING. MAINTAIN A 6' MINIMUM DISTANCE FROM ADJACENT BUILDING'S FOOTING TO PRESERVE STRUCTURAL INTEGRITY. OIL INTERCEPTOR AND OIL INTERCEPTOR INSTALLATION SHALL COMPLY WITH INTERNATIONAL PLUMBING CODE AND ALL LOCAL AMENDMENTS.
 - ROUTE 1" GAS PIPE UP THROUGH BOTTOM CONNECTION POINT ON RTU. PROVIDE EXTERIOR GAS SHUT-OFF, DIRT LEG AND UNION FITTING PRIOR TO CONNECTION TO UNIT. COORDINATE WITH RESPECTED TRADES AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 - PROVIDE TRAP SEAL PROTECTION FOR P2 IN ALIGNMENT PIT. OBTAIN WRITTEN APPROVAL FROM AHJ AND OWNER FOR USE OF SURE SEAL #SS3000 INLINE FLOOR DRAIN TRAP SEALER. IF SURE SEAL TRAP GUARD NOT ALLOWED PROVIDE TRAP PRIMER.

- ### PLUMBING GENERAL NOTES
- SANITARY AND DOMESTIC WATER PIPE ROUTING ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL COORDINATE EXACT ROUTING OF PIPING WITH FIELD CONDITIONS.
 - PROVIDE SHUTOFF VALVES IN EACH BRANCH USING BALL VALVES FOR WATER SUPPLY.
 - ROUTE ALL PIPING TIGHT TO CEILING AND WALLS WHERE POSSIBLE. ALL PIPING SHALL BE ABOVE GROUND ONCE ENTERING BUILDING. NO PIPING SHALL BE ROUTED IN UNCONDITIONED SPACES. ALL PIPING SHALL BE INSULATED.
 - MAKE FINAL CONNECTIONS TO ALL EQUIPMENT FURNISHED BY OTHERS PER MANUFACTURER INSTALLATION INSTRUCTIONS.
 - ALL EQUIPMENT, MATERIAL AND LABOR NECESSARY FOR COMPLETION OF PLUMBING SYSTEMS SHOWN ON DRAWINGS OR REFERRED TO IN SPECIFICATIONS TO BE FURNISHED AND INSTALLED BY PLUMBING CONTRACTOR UNLESS NOTED OTHERWISE.
 - WHERE DRAWINGS OR SPECIFICATIONS EXCEED GOVERNING CODE REQUIREMENTS, DESIGN SHALL GOVERN. INSTALL NO WORK CONTRARY TO OR BELOW MINIMUM LEGAL STANDARDS, WHETHER DRAWINGS AND SPECIFICATION FULLY COMPLY OR NOT.
 - ALL PLUMBING FIXTURES, EXCEPT RESTROOM FIXTURES, SHALL DISCHARGE INTO OIL WASTE LINES. COORDINATE WITH PLUMBING PLAN.
 - VERIFY FINAL LOCATIONS OF WATER SUPPLIES WITH FIXTURE PLAN AND CIVIL DRAWINGS.
 - VERIFY THAT ALL PLUMBING PIPING DOES NOT AFFECT ALIGNMENT RACK PADS. VERIFY LOCATION OF ALL PLUMBING PIPING WITH ALIGNMENT RACK MANUFACTURER PRIOR TO INSTALLATION. COORDINATE ALL PLUMBING PIPING AND ALIGNMENT RACK INSTALLATION WITH ALL DISCIPLINES PRIOR TO INSTALLATION.
 - REFERENCE FIXTURE PLAN SHEET F1 FOR EQUIPMENT QUANTITIES AND LOCATIONS.



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NEW FCAC STORE
2019 - JANUARY - SMALL I
233 S AIRLINE HWY
GONZALES, LA



BID SET
11.18.19
TRCI

ISSUE BLOCK	
Δ	11/11/19 CB #1

PROPERTY NO.: 160013
6 DIGIT NO.: 902556
4 DIGIT NO.: 014W
AOR PROJECT NUMBER: 1955827
TO PERMIT: DATE: 7-30-2019
TO BID: DATE: ##-##-##

SHEET TITLE:
PLUMBING PLAN AND NOTES
SHEET NUMBER:
P1

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