

FILE: C:\Users\MZimmerman\Dropbox\2015\15010 - Perry County (1800)\Khafra - Revised\PO.1 - General Plumbing Notes 4.30.dwg
 PLOT DATE: May/17/2019 10:41 AM PLOTTED BY: MARCUS ZINNERMAN
 LAST SAVE: May/17/2019 10:40 AM

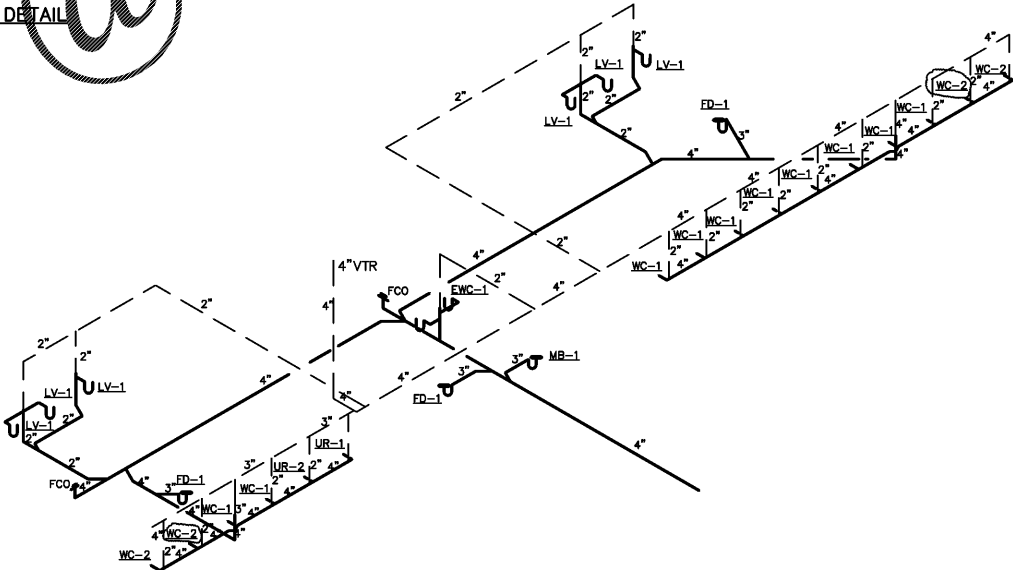
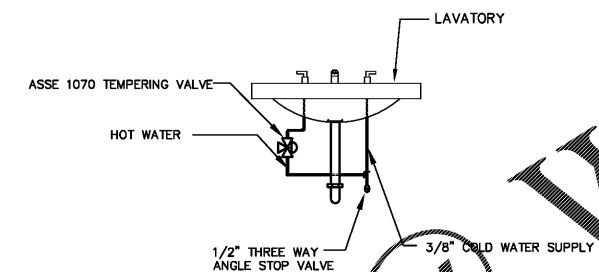
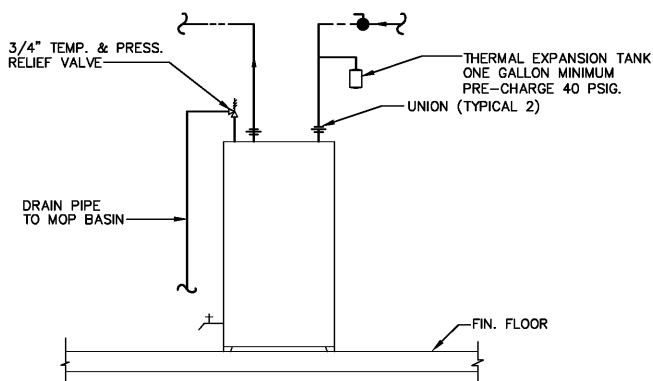
PLUMBING FIXTURE SCHEDULE

ITEM	FIXTURE	MIN. CONNECTION SIZE				REMARKS	MODEL NUMBERS (BASIS OF DESIGN)
		W	V	CW	HW		
WC-1	WATER CLOSET	4"	2"	1 1/4"	--	WALL MOUNTED, FLUSH VALVE, 1.28 GPF	ZURN Z5615-HET
WC-2	WATER CLOSET, ADA	4"	2"	1 1/4"	--	WALL MOUNTED, FLUSH VALVE, 1.28 GPF	ZURN Z5615-HET
UR-1	URINAL, ADA	2"	1 1/2"	3/4"	--	WALL MOUNTED, FLUSH VALVE, 0.125 GPF	ZURN Z5758
LV-1	LAVATORY, ADA	1 1/4"	1 1/2"	1/2"	1/2"	COUNTER TOP, 0.25 GPM	ZURN Z5110
LV-2	LAVATORY, ADA	1 1/2"	1/2"	1/2"	1/2"	WALL MOUNTED	ZURN Z5360
MB-1	MOP BASIN, CORNER, 24x24x10	3"	1/2"	1/2"	1/2"	WITH WH WALL (20) GUARDS, HH HOSE & BRACKET & HANGER	ACORN TRH242410, KH36 HOSE AND BRACKET, ZURN 843MIRC
FD-1	FLOOR DRAIN, FINISHED AREAS	--	2"	1/2"	--	WITH TRAP GUARDS	ZURN ZN-415C-P-NH
FD-2	FLOOR DRAIN, MECHANICAL	--	2"	1/2"	--	WITH TRAP GUARDS	ZURN Z-554-P-NH
WH-1	WALL HYDRANT	--	--	3/4"	--	EXTERIOR, FREEZEPROOF	ZURN Z-1321, 3/4"
EWC-1	ELECTRIC WATER COOLER	--	--	1/2"	--	WALL MOUNTED, ADA	ELKAY VRCGRNTL8C STAINLESS STEEL

NOTE:
 1. CAULK AROUND FIXTURES WITH WHITE CAULKING IN SPACE BETWEEN FIXTURE AND/OR WALL OR FLOOR.
 2. INSTALL ZURN Z8946 -3-N16 TRAP PROTECTOR AT EACH LAVATORY.

WATER HEATER SCHEDULE

NO	TYPE	STORAGE TANK CAP. GAL.	HEATER INPUT KW	VOLTAGE PHASE	REMARKS
EWH-1	STORAGE	30	4.5	208 V, 3 PH	FLOOR MOUNTED, 95% EFFICIENT, AO SMITH ECT30

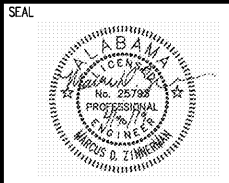
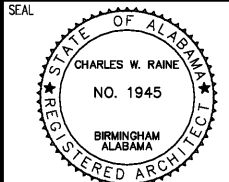


PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
---	SAN.	SANITARY ABOVE GRADE
----	V	VENT
-----	C.W.	COLD WATER
-----	H.W.	HOT WATER
-----	H.W.R.	HOT WATER RETURN
— G —	G	GAS PIPE
---	EXIST.	EXISTING PIPING
⊗	G.V.	GATE VALVE
●	B.V.	BALL VALVE
⊖	F.D.	FLOOR DRAIN
○		FLOOR CLEANOUT
— —	W.C.O.	WALL CLEANOUT
⊕		CONNECT TO EXISTING PIPING
ABV. CLG.	ABOVE CEILING	
A.F.F.	ABOVE FINISH FLOOR	
I.E.	INVERT ELEVATION	
BEL. FL.	BELOW FLOOR	
P.G.	PRESSURE GAUGE	
⊖		STRAINER WITH DRAIN
⊖	B.F.P.	BACKFLOW PREVENTER
⊖	P.R.V.	PRESSURE REDUCING VALVE
⊖		UNION
⊖		PIPE LOCK
⊖	H.B. OR W.H.	HOSE BIBB OR WALL HYDRANT
⊖	S.A.	SHOCK ARRESTER
⊖	CLG.	AT CEILING

GENERAL NOTES

- ALL PLUMBING WORK SHALL CONFORM WITH ALL STATE, LOCAL CODES, RULES AND REGULATIONS.
- MAKE PROPER WASTE, VENT, NATURAL GAS, HOT AND COLD WATER CONNECTIONS TO ALL FIXTURES AND EQUIPMENT, EVEN THOUGH ALL BRANCH MAINS, ELBOWS AND CONNECTIONS ARE NOT SHOWN.
- WHERE STRUCTURE IS DAMAGED DURING CONSTRUCTION, INSTALLATION/REMOVAL OF EQUIPMENT OR FIXTURE. THIS CONTRACTOR SHALL REPAIR THE DAMAGED AREA TO MATCH THE EXISTING AND/OR PROPOSED CONDITION.
- CONTRACTOR SHALL SECURE AND PAY FOR PLUMBING PERMITS. ALL OTHER FEES AND TAXES SHALL BE INCLUDED IN PLUMBING CONTRACT.
- ALL FIXTURE CONNECTIONS SHALL BE NEW SETTINGS.
- ALL PLUMBING WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID ANY INTERFERENCE.
- THESE DRAWINGS ARE DIAGRAMMATIC ONLY. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.
- THE COMPLETE WASTE SYSTEM SHALL BE RODDED-OUT AND FLUSHED CLEAN BEFORE FINAL INSPECTION OR TURNING THE BUILDING OVER TO THE OWNER.
- FLUSH, CLEAN AND DISINFECT THE ENTIRE DOMESTIC WATER PIPING SYSTEM, PER SPECIFICATIONS.
- THESE DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES.
- WHERE PIPES PENETRATE WALLS THAT ARE VISIBLE, INSTALL ESCUTCHEONS TO COVER SLEEVE AND/OR CAULKING, THROUGHOUT PROJECT.
- CONTRACTOR SHALL FIELD LOCATE, CONFIRM AND VERIFY ALL EXISTING PIPING THAT HE IS TO CONNECT, INTO THRU-OUT THIS PROJECT, BEFORE COMMENCING WORK.
- ALL FIXTURES AND EQUIPMENT SHALL BE KEPT CLEAN DURING ALL CONSTRUCTION AND NOT USED DURING CONSTRUCTION.
- INSTALL WATER HAMMER ARRESTORS AT EACH BATH ROOM GROUP OF FIXTURES IN HOT AND COLD WATER LINES ABOVE ACCESSIBLE CEILING SPACE, PDI SIZE "A", IN HOT AND COLD WATER LINE SERVING WASHING MACHINES, PDI SIZE "A", AT TOP OF HOT AND COLD WATER RISERS, IN COLD WATER LINE SERVING MECHANICAL EQUIPMENT, AND AS SHOWN ON DRAWINGS.
- SOME DORM ROOM BATHROOMS ARE TYPICAL AND HOT AND COLD WATER AND WASTE AND VENT PIPING IS SHOWN ONLY IN SOME TYPICAL ROOMS. CONTRACTOR TO PIPE ALL DORM ROOMS AS PER TYPICAL.
- SPECIAL CARE SHOULD BE TAKEN WHEN EXCAVATING AROUND OR PENETRATING THROUGH EXISTING BRICK OR CONCRETE FOUNDATIONS. WORK CLOSELY WITH ARCHITECT AND STRUCTURAL ENGINEER BEFORE STARTING WORK IN BASEMENT.
- ALL FLOOR DRAINS, EXCEPT SHOWER STALL FLOOR DRAINS SHALL HAVE TRAP PRIMERS.
- ALL TRAP PRIMERS AND WATER HAMMER ARRESTORS SHALL HAVE 10"x10" PRIMERED STEEL 10"x10" ACCESS DOOR AND FRAME WITH VANDAL RESISTANT FASTENERS, AND "UL/FM" LISTED WHERE REQUIRED.
- CONTRACTOR TO COORDINATE PIPE ROUTING TO AVOID STRUCTURAL MEMBERS INCLUDING BUT NOT LIMITED TO COLUMNS, LINTELS AND BEAMS.
- THE WATER SERVICE FOR SANITATION IS PROTECTED EITHER BELOW GRADE OR LOCATED WITHIN THE STORM SHELTER. THE CITY OF MARION'S WATER DEPARTMENT IS ABLE TO PROVIDE A CONTINUOUS SUPPLY OF WATER IN A 2-HOUR EMERGENCY EVENT.



APVD	ROSS	ROSS	ROSS
REVISION	FINAL	FINAL	FINAL
DATE	04-25-2018	06-13-2018	04-08-2019

REUSE OF DOCUMENTS
 THIS DOCUMENT WITH THE IDEAS AND DESIGNS INCORPORATED HEREIN ARE AN INSTRUMENT OF SERVICE AND MUST NOT BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF KHAFFRA.

PROJECT: COMMUNITY STORM SHELTER
B.C. NO. 2015-010
FOR THE: PERRY COUNTY COMMISSION
 300 Washington Street, Marion Alabama
 Perry County, Alabama 36756

DATE: APRIL 30, 2019
DRWN. BY: MLWO
DSGN. BY: MLWO
CHKD. BY: MDZN
APVD. BY: MDZN
SCALE: NO SCALE

SHEET TITLE: MARION STORM SHELTER MARION SAFE ROOM GENERAL PLUMBING NOTES

PROJECT No.: 11MON01
DRAWING No.: P0.1
B.C. Project No.: 2014346

THIS SET OF CONSTRUCTION DOCUMENTS ARE IN CONFORMITY WITH THE ICC/NSSA-500 2014 "STANDARD FOR THE DESIGN AND CONSTRUCTION OF STORM SHELTERS" REQUIREMENTS.

STRUCTURAL DRAWINGS ARE BASED ON ICC 500 "ICC/NSSA STANDAND FOR THE DESIGN AND CONSTRUCTION OF STORM SHELTERS." BASED ON THE "DESIGN WIND SPEED MAP FOR STORM SHELTERS," THE STRUCTURAL SYSTEMS FOR THE BUILDING WAS DESIGNED FOR ZONE IV (250 MILES PER HOUR) LOADS.

Order Plans @

WWW.WWIDILING.COM

CONSTRUCTION DOCUMENTS