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PLUMBING LEGEND	
SYMBOL	DESCRIPTION
=====	SANITARY PIPING - SS
=====	VENT PIPING - V
=====	COLD WATER PIPING - CW
=====	HOT WATER PIPING - HW
=====	HOT WATER RETURN PIPING - HWR
HD	HUB DRAIN
FD	FLOOR DRAIN
TMV	THERMOSTATIC MIXING VALVE
A/C	ABOVE CEILING
@/C	AT CEILING
A/F, AFF	ABOVE FLOOR, ABOVE FINISHED FLOOR
B/F	BELOW FLOOR
B/G	BELOW GRADE
CO	CLEAN OUT
FCO	FLOOR CLEANOUT
GCO	GRADE CLEANOUT
DN	DOWN
RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
BFP	BACKFLOW PREVENTER
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
KW	KILOWATT
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
ADA	AMERICANS WITH DISABILITIES ACT
PDI	PLUMBING AND DRAINAGE INSTITUTE
MIN	MINIMUM
NFWH	NONFREEZE WALL HYDRANT
T&P	TEMPERATURE AND PRESSURE
VTR	VENT THROUGH ROOF
W/	WITH
WHA	WATER HAMMER ARRESTOR
STD	STANDARD
TYP	TYPICAL
WHG- WHE-	WATER HEATER GAS OR ELECTRIC
SF	SQUARE FEET
WC	WATER CLOSET
UR	URINAL
LAV	LAVATORY
MS	MOP SINK
EWC	ELECTRIC WATER COOLER

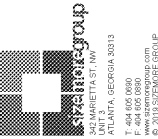
PLUMBING GENERAL NOTES	
1.	THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT A COMPLETE PLUMBING SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES AND CONTROLS COMPLETELY COORDINATED WITH ALL DISCIPLINES. PARAMETERS GIVEN IN THESE DOCUMENTS SHALL BE STRICTLY CONFORMED TO. ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE PLUMBING SYSTEM IN ACCORDANCE WITH APPLICABLE CODES, STANDARDS, LOCAL AUTHORITIES AND CONTRACT DOCUMENTS SHALL BE FURNISHED WITHOUT INCURRING ADDITIONAL COST TO THE OWNER. THE WORD "PROVIDE" SHALL MEAN FURNISH AND INSTALL. CAREFULLY REVIEW CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHOP DRAWINGS.
2.	ANY SIGNIFICANT CONFLICTS OF WORK SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO PURCHASE OF EQUIPMENT OR COMMENCEMENT OF WORK.
3.	COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGRAMMATIC. PROVIDE ALL OFFSETS, ETC. TO AVOID INTERFERENCES WITH EQUIPMENT, PIPING, DUCT WORK, LIGHTS, CONDUIT, STRUCTURAL MEMBERS, ETC.
4.	ALL INVERTS SHALL BE VERIFIED IMMEDIATELY FOLLOWING AWARD OF CONTRACT. ALL INVERTS SHALL BE COORDINATED WITH STRUCTURAL FOOTINGS.
5.	PROVIDE ACCESS PANELS FOR ALL VALVES LOCATED ABOVE NON-ACCESSIBLE CEILING AND INSIDE PIPE CHASES. EXACT LOCATION SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS AND APPROVED BY ARCHITECT PRIOR TO INSTALLATION.
6.	IN FINISHED SPACES, ALL DRAINAGE PIPING AND POTABLE WATER PIPING SHALL BE CONCEALED INSIDE WALLS AND PIPE CHASES OR ABOVE CEILINGS AS HIGH AS POSSIBLE UNLESS NOTED OTHERWISE.
7.	ALL SANITARY WASTE PIPING 3" AND LARGER SHALL SLOPE AT A MINIMUM OF 1/8 INCH PER FOOT. SANITARY WASTE PIPING ACCESS THAN 3" IN SIZE SHALL SLOPE AT A MINIMUM OF 1/4 INCH PER FOOT.
8.	MAKE FINAL CONNECTION TO ALL DOMESTIC WATER AND SANITARY SEWERS AT 5'-0" FROM BUILDING STRUCTURE UNLESS OTHERWISE NOTED.
9.	COORDINATE ALL UNDERGROUND PIPING WITH GRADE BEAMS, WALL FOOTINGS, COLUMN FOUNDATIONS AND OTHER STRUCTURAL CONDITIONS.
10.	REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR LOCATION OF ALL PLUMBING. EXACT LOCATION OF ALL PLUMBING FIXTURES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION. FINAL LOCATION SHALL BE AS DIRECTED BY ARCHITECT.
11.	MAKE FINAL CONNECTION TO ALL EQUIPMENT INDICATED ON DRAWINGS. FINAL CONNECTION SHALL INCLUDE ANY ADAPTERS, NIPPLES SHUTOFF VALVES, PRESSURE REGULATING VALVES, SHOCK ABSORBERS, BACKFLOW PREVENTION DEVICES, ETC.
12.	DO NOT RUN PLUMBING PIPING THROUGH TRANSFORMER VAULTS, ELECTRICAL CLOSETS, ELECTRICAL SWITCHGEAR ROOMS, COMPUTER ROOMS, TELEPHONE ROOMS OR ELECTRICAL PANEL CLEARANCES.
13.	PROVIDE TRAP AND BACKFLOW PREVENTER ON ALL TOILETS AND SINKS UNLESS NOTED OTHERWISE.
14.	ALL STRUCTURAL PENETRATIONS (SLEEVES, BLOCKS, ETC.) ARE TO BE LOCATED AND COORDINATED IN THE FIELD IN RELATION TO THE REQUIREMENTS OF THE EQUIPMENT AND FIXTURES SELECTED.
15.	PROVIDE AN EXPANSION JOINT OR FABRICATED EXPANSION LOOP ON ALL PIPING SYSTEMS THAT CROSS BUILDING EXPANSION JOINTS.
16.	THE USE OF SPLIT CLAMP AND THREADED ROD TO SUPPORT VERTICAL PIPE ALONG WALLS, OR COLUMNS IS PROHIBITED. PROVIDE B-22 STRUT & B-3000 PIPE CLAMP. SUPPORT ALL PIPE RISES AT BASE OF RISER.
17.	VERIFY VOLTAGE, PHASE AND WIRE SIZE OF ANY PLUMBING EQUIPMENT REQUIRING ELECTRICAL CONNECTION PRIOR TO PLUMBING THE EQUIPMENT.
18.	SANITARY FIXTURES SHALL TERMINATE A MINIMUM OF 10 FEET FROM OR 2 FEET ABOVE ANY FRESH AIR INTAKES, WINDOWS OR VENT SHAWTS.
19.	INDIRECT WASTE RECEPTORS SHALL BE LOCATED WHERE READILY ACCESSIBLE FOR INSPECTION AND CLEANING.
20.	ALL INDIRECT WASTE PIPING SHALL DISCHARGE THROUGH AN AIR GAP OR AIR BREAK INTO A WASTE RECEPTOR.
21.	HANG PIPE FROM SUBSTANTIAL BUILDING STRUCTURE. DO NOT HANG PIPE FROM OTHER PIPING, DUCTWORK, CEILING OR STEEL DECKINGS.
22.	DO NOT USE "C" CLAMPS TO SUPPORT PIPE HANGERS FROM THE STRUCTURE.
23.	THE PIPING CONFIGURATION AT THE THERMOSTATIC MIXING VALVE ADJACENT TO THE WATER HEATER IS SHOWN IN A TYPICAL MANNER. HOWEVER, THE CONTRACTOR SHALL INSTALL THE PIPING PER THE MANUFACTURER'S RECOMMENDATIONS OF THE INSTALLED VALVE.
24.	WHERE POSSIBLE, ROUTE PLUMBING PIPING THROUGH THE OPEN WEB BAR JOISTS, BUT DO NOT PENETRATE ANY STRUCTURAL GIRDER.
25.	ALL DOMESTIC WATER PIPE BRANCHES FROM PIPE MAINS, SHALL BE PROVIDED WITH ISOLATION VALVES WITHIN 18" OF THE CONNECTION TO THE MAIN. ADDITIONAL VALVES ARE SHOWN ON PIPING JUST ABOVE THE CEILING FOR ROUTINE MAINTENANCE.

WATER FLOW TEST INFORMATION	
PARAMETERS	FLOW TEST DATA
DATE OF FLOW TEST:	AUGUST 14, 2019
LOCATION OF FLOW TEST:	INTERSECTION OF BLAINE ST. AND EDWARDS STREET
STATIC TEST PRESSURE:	81 PSI
RESIDUAL TEST PRESSURE:	32 PSI
RESIDUAL FLOW:	950 GPM
CALCULATED FLOW AT 20 PSIG:	1,068 GPM
TEST PERFORMED/SUPPLIED BY:	CIVIL ENGINEERING CONSULTANTS INC.

PLUMBING DRAWING LIST	
NUMBER	NAME
P001	PLUMBING LEGEND, SYMBOLS AND GENERAL NOTES
P100	PLUMBING UNDERGROUND PIPING PLAN
P200	PLUMBING SANITARY WASTE AND VENT PIPING PLAN
P300	PLUMBING DOMESTIC WATER PIPING PLAN
P400	PLUMBING ENLARGED PLANS
P500	PLUMBING SCHEDULES
P501	PLUMBING SCHEDULES
P600	PLUMBING DETAILS
P700	PLUMBING DOMESTIC WATER RISER DIAGRAM
P701	PLUMBING SANITARY RISER DIAGRAM

DATE	DESCRIPTION	NO.

CITY OF MONROE
PUBLIC SAFETY & MUNICIPAL
COURT COMPLEX RENOVATION
140 BLAINE ST. MONROE, GA 30655



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PLUMBING LEGENDS, SYMBOLS AND GENERAL NOTES

PROJECT # 19160MONRpo
DATE: Issue Date
DRAWN BY: JAA
CHECKED BY: DC

P001

SCALE 1/8" = 1'-0"

PERMIT SET

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