

KITCHEN EQUIPMENT SCHEDULE								
SYM	FIXTURE	PIPE SIZES					BTUH RATING	NOTES
		W	V	CW	HW	G		
1	3 COMPARTMENT SINK (NEW)	FS	2"	3/4"	3/4"	--	--	OWNER FURNISHED EQUIP. CONTRACTOR TO MAKE ALL CON.
3	ONE COMPARTMENT SINK (RELOCATED)	HD	2"	3/4"	3/4"	--	--	
4	DISPOSER (RELOCATED)	FS	--	3/4"	--	--	--	
5	UNDER COUNTER DISHWASHER	2"	2"	--	3/4"	--	--	
11	HAND SINK (RELOCATED)	2"	2"	3/4"	3/4"	--	--	
12	ICE MACHINE (RELOCATED)	HD	--	3/4"	--	--	--	
14	RANGE (EXISTING TO REMAIN)	--	--	--	--	--	--	
15	CONVECTION OVEN (EXISTING TO REMAIN)	--	--	--	--	--	--	
17	MOBILE TABLE WITH TROUGH	3"	--	--	--	--	--	
18	ICE DISPENSER	--	--	3/4"	--	--	--	
19	TEA DISPENSER	--	--	3/4"	--	--	--	
20	COFFEE DISPENSER	--	--	3/4"	--	--	--	

NOTE: ALL GAS SUPPLIED EQUIPMENT SHALL BE PROVIDED WITH GAS PRESSURE REGULATORS SET AT 7" WC FROM 2 LB SERVICE. PROVIDE GAS COCK AND DIRT LEGS AT MAINS AND GAS COCKS AT EQUIP. CONNECTIONS.

PLUMBING SPECIFICATIONS:

GENERAL:

- A. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS APPLY TO THIS SECTION
- B. PLUMBING WORK SHALL BE PERFORMED AS OUTLINED BELOW
- C. THESE SPECIFICATIONS AND ACCOMPANYING PLUMBING DRAWINGS ARE INTENDED TO PROVIDE FOR ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR THE INSTALLATION COMPLETE OF ALL
 - 1. PLUMBING FIXTURES
 - 2. EQUIPMENT
 - 3. ROUGH-INS
 - 4. WASTE VENT SYSTEMS
 - 5. COLD WATER SYSTEMS
 - 6. HOT WATER SYSTEMS
- AND ACCESSORIES INCLUDING NECESSARY APPARATUS, VALVES AND FITTINGS HEREINAFTER DESCRIBED OR CALLED FOR ON THE PLUMBING DRAWINGS ACCOMPANYING THESE SPECIFICATIONS. WHERE CONFLICTS ARISE BETWEEN ARCHITECTURAL DRAWINGS AND PLUMBING DRAWINGS, CONTRACTOR SHALL COORDINATE CORRECT CONFIGURATION AND ADJUST AS NECESSARY FOR COMPLIANT INSTALLATION.
- D. ALL PLUMBING WORK SHALL BE INSTALLED WITH IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE LATEST ADDITION OR IN COMPLIANCE WITH AUTHORITY HAVING JURISDICTION REQUIREMENTS.
- E. THE CONTRACTOR SHALL SECURE ALL REQUIRED PERMITS AND INSPECTION FEES NECESSARY FOR THIS WORK.
- F. THE ACCOMPANYING DRAWINGS ARE SCHEMATIC ONLY AND ARE NOT INTENDED TO SHOW ALL FITTINGS, BOLTS, CONNECTIONS, OFFSETS, ETC., UNLESS SPECIFICALLY SHOWN. FOLLOW DRAWINGS AS CLOSELY AS POSSIBLE. PROVIDE ALL ADJUSTMENTS AS NECESSARY TO CONFORM TO THE STRUCTURAL CONDITIONS, EQUIPMENT, WORK OF OTHER TRADES AND THE INTENT OF THE DRAWINGS. WITHOUT COST TO THE OWNER. PLUMBING DRAWINGS SHOULD NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO DRAWINGS OF OTHER TRADES AND COORDINATE. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURE INSTALLATION INSTRUCTIONS.

SCOPE OF WORK:

- A. THE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL OF THE FOLLOWING WORK IN GENERAL AND PROVIDING A COMPLETE PLUMBING SYSTEM AS SHOWN ON THE PLANS. THE ITEMS IN GENERAL ARE TO BE AS FOLLOWS:
 - 1. FURNISH AND INSTALL COMPLETE WASTE AND VENT SYSTEM WITH CONNECTIONS TO SERVICES AS SHOWN ON THE PLUMBING DRAWINGS AND HERE IN SPECIFIED.
 - 2. FURNISH AND INSTALL HOT WATER SYSTEM COMPLETE WITH CONNECTIONS TO POINT AS SHOWN ON THE PLUMBING DRAWINGS AND HERE-IN SPECIFIED.
 - 3. FURNISH AND INSTALL COLD WATER SYSTEM COMPLETE WITH CONNECTIONS TO POINT AS SHOWN ON THE PLUMBING DRAWINGS AND HERE-IN SPECIFIED.

LIST OF MATERIALS, FIXTURES, AND EQUIPMENT:

- A. THE PLUMBING CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE ENGINEER/ ARCHITECT FOR THE USE OF SUBSTITUTE MATERIALS CLAIMED AS EQUAL TO THOSE SPECIFIED. SUCH APPROVAL MUST BE OBTAINED AS SOON AFTER CONTRACT AWARD AS POSSIBLE AND BEFORE ANY MATERIALS ARE ORDERED. APPLICATIONS FOR APPROVAL SHALL BE MADE BY THE PLUMBING CONTRACTOR ONLY AND NO OTHER APPLICATIONS SHALL BE ACCEPTED. THE PLUMBING CONTRACTOR SHALL SUBMIT FOR APPROVAL WITHIN TEN (10) DAYS FOLLOWING AWARD OF CONTRACT AND WRITTEN NOTICE TO BEGIN THE WORK. A COMPLETE LIST OF MATERIALS PROPOSED FOR THE JOB. ALL ITEMS SHALL BE BY THE SAME MANUFACTURER. NO FURTHER SUBSTITUTIONS SHALL BE ACCEPTED AFTER APPROVED BY ENGINEER / ARCHITECT. CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL COST ASSOCIATED WITH INSTALLATION OF UNAPPROVED MATERIALS AND THE REPLACEMENT OF SUCH AT NO COST TO OWNER.
- B. THE PLUMBING CONTRACTOR SHALL SUBMIT TWO (2) SETS OF SHOP DRAWINGS TO THE ARCHITECTS WITHIN 20 DAYS AFTER AWARD OF THE CONTRACT, AND BEFORE ANY MATERIALS, FIXTURES, AND EQUIPMENT TO BE INCORPORATED IN THE WORK HAS BEEN ORDERED. SHOP DRAWINGS SHALL INCLUDE THE NAME AND ADDRESS OF THE MANUFACTURER AND THEIR CATALOG NUMBER AND TRADE NAMES CLEARLY MARKED. ALL ITEMS SHALL BE REFERENCED TO THE PLANS AND SPECIFICATIONS BY FIXTURE NUMBER. SUBMIT SHOP DRAWINGS AND FOR CATALOG DATA FOR THE FOLLOWING:
 - 1. WASTE PIPING, FITTINGS AND EQUIPMENTS
 - 2. WATER PIPING, FITTINGS AND EQUIPMENTS
 - 3. GATE VALVES, BALL VALVES, PRESS VALVES, BACKFLOW REENTERS
 - 4. VENT CAPS
 - 5. EMERGENCY DRUMMANS
 - 6. PIPING INSULATION
 - 7. HANGERS, SUPPORTS AND HANGERS
 - 8. FIXTURES
- APPROVAL OF SHOP DRAWINGS AND / OR SUBMITTED DATA SHALL NOT RELIEVE THE PLUMBING CONTRACTOR OF THE RESPONSIBILITY TO COMPLY WITH THE REQUIREMENTS AND INTENT OF THE PLANS AND SPECIFICATIONS WITH REGARD TO DIMENSIONS, LOCATIONS, QUALITY, QUANTITY, PERFORMANCE CHARACTERISTICS, ETC. IF DATA SUBMITTED DEVIATES FROM THE CONTRACT DOCUMENTS, THE PLUMBING CONTRACTOR SHALL POINT OUT SUCH DEVIATIONS IN WRITING AND ALSO STATE REASONS FOR SAME. ALL SIMILAR ITEMS SHALL BE OF ONE MANUFACTURER.
- D. **FIXTURES:**
 - 1. WATER CLOSETS, URINALS, LAVATORIES, SINKS, MOP SINKS, FLUSH VALVES, AND FAUCETS SHALL BE ALL ONE MANUFACTURER AND SHALL BE EQUALS OF AMERICAN STANDARD, KOHLER SLOAN, ZURN, SYMMONS, ELKAY, DAYTON. ENGINEERING APPROVAL FOR OTHERS NOT LISTED SHALL BE REQUIRED.
 - 2. WATER HEATERS, (ELECTRIC) SHALL BE A.O. SMITH, STATE, RHEEM, VAUGHN, BRADFORD WHITE, AMERICAN AND LOCHINAR. GAS WATER HEATERS SHALL BE A.O. SMITH, RHEEM, INTEL, HOT BRADFORD WHITE VAUGHN AND HTTP. ENGINEERING APPROVAL FOR OTHERS NOT LISTED SHALL BE REQUIRED.

DEMOLITION:

- A. GENERAL REQUIREMENTS: THE WORK INCLUDES THE DEMOLITION OR REMOVAL OF ALL CONSTRUCTION IDENTIFIED ON DRAWINGS NECESSARY TO ACCOMPLISH THE WORK. THE DRAWINGS DEFINE THE SCOPE OF THE WORK BUT IT IS NOT INTENDED THAT ALL ITEMS OF DEMOLITION WORK BE SPECIFICALLY INDICATED. AFTER CAREFULLY REVIEWING THE CONTRACT DRAWINGS AND SPECIFICATIONS TO DETERMINE THE INTENT, THE CONTRACTOR SHALL VISIT THE SITE AND DETERMINE THE EXTENT OF DEMOLITION WORK REQUIRED TO PROPERLY COMPLETE THE WORK UNDER THIS CONTRACT.
- B. PROTECTION OF MATERIALS AND WORK: BEFORE BEGINNING ANY CUTTING OR DEMOLITION WORK, THE CONTRACTOR SHALL CAREFULLY SURVEY THE EXISTING WORK AND EXAMINE THE DRAWINGS AND SPECIFICATIONS TO DETERMINE THE EXTENT OF WORK REQUIRED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE AGAINST DAMAGE TO EXISTING WORK TO REMAIN IN PLACE, TO BE REUSED, OR TO REMAIN THE PROPERTY OF THE OWNER AND ANY DAMAGE TO SUCH WORK SHALL BE REQUIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.

WORKMANSHIP:

- A. LAYOUT:
 - 1. DRAWINGS INDICATE GENERAL LOCATIONS OF FIXTURES. EXACT LOCATIONS SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS.
 - 2. FURNISH AND INSTALL ALL NECESSARY SLEEVES, INSERTS, BOLTS, ETC., FOR CONCRETE FLOOR SLABS, ROOF, WALLS, AND PARTITIONS. FAILURE TO INSTALL SUCH ITEMS IN TIME TO AVOID DELAYING THE GENERAL CONTRACTOR SHALL RESULT IN THE CONTRACTOR DOING ANY NECESSARY CUTTING AND REPAIRING AT HIS EXPENSE.
 - 3. SLEEVES AS HERE-IN-AFTER SPECIFIED SHALL BE INSTALLED ON ALL THROUGH THE FLOOR PIPING ABOVE SLAB ON GRADE EXCEPT WATER CLOSET ROUGH-INS. WATER CLOSET ROUGH-INS SHALL BE CAST IN PLACE. CORE DRILLING OF SLABS SHALL BE SEALED WITH APPROVED FIRE RETARDANT CAULKING AND SEALED WATERTIGHT.
 - 4. ALL FIXTURES AND EQUIPMENT SHALL BE INSTALLED PER MANUFACTURERS' INSTALLATION INSTRUCTIONS.
- B. DRAINAGE, WASTE, AND VENT PIPING:
 - 1. SLOPE ALL LINES 3" AND SMALLER AT 1/4" / FOOT
 - 2. SLOPE ALL LINES 4" AND LARGER AT 1/8" / FOOT
 - 3. RUN ALL PIPING AS DIRECTLY AS POSSIBLE, AVOIDING UNNECESSARY BENDS AND BENDS AND TURNS SO AS NOT TO INTERFERE WITH PROPER INSTALLATION.
 - 4. TAPPED TEES AND CROSSES WILL NOT BE PERMITTED. TAPPED SANITARY TEES AND CROSSES SHALL BE USED
- C. WATER SYSTEM:
 - 1. CONCEAL WATER SUPPLY IN WALLS, BELOW FLOOR OR ABOVE CEILING EXCEPT WHERE EXPOSED FOR CONNECTIONS TO FIXTURES.
 - 2. ALL WATER PIPING SHALL BE ROUTED WITH A MINIMUM CLEARANCE OF TEN (10) FEET FROM ANY ELECTRICAL SWITCHBOARDS, PANEL BOARDS OR TELEPHONE SWITCHBOARDS.
 - 3. ALL SUPPLY TO FIXTURES SHALL HAVE INDIVIDUAL STOP VALVES.
 - 4. PROVIDE WATER HAMMER SHOCK ARRESTORS (PDS) REQUIRED OR AS SHOWN TO PREVENT WATER HAMMER. ARRESTORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND AS DETAIL SHOWN ON CONTRACT DRAWINGS. MANUFACTURERS OF URN, JOAN, J.R. SMITH SHALL BE ACCEPTABLE. PROVIDE 12" X 12" ACCESS DOORS FOR ALL SHOCK ARRESTORS INSTALLED ABOVE HARD CEILINGS.
 - 5. ALL EXPOSED PIPING TO FIXTURES SHALL BE CHROME PLATED.
 - 6. INSULATE ALL WATER PIPING INSIDE BUILDING AND HEREINAFTER SPECIFIED.
- D. INSULATION:
 - 1. ALL WATER INSULATION JOINTS SHALL BE SEALED TO MAINTAIN INTEGRITY OF THE VAPOR BARRIER AND SHALL BE SECURE ALL SLEEVES UNBROKEN EXCEPT FOR FIRE STOPS.
 - 2. PIPE INSULATION AT ALL PIPE SEPARATIONS SHALL BE BUTTED TIGHTLY TO THE FIREWALL OR FLOOR AFTER FIRE STOP MATERIAL HAS BEEN INSTALLED.

PIPE FITTING AND PATCHING AND CHASING:

- A. ALL FITTING AND PATCHING SHALL BE GENERAL CONDITIONS OF THE ARCHITECTURAL SPECIFICATIONS. PLUMBING CONTRACTOR SHALL CUT ALL FLOORS NECESSARY TO INSTALL ALL PIPING AND SHALL REPAIR FLOOR TO MATCH THAT OF EXISTING.

WASTE AND VENT SYSTEMS:

- A. PIPING:
 - 1. WASTE AND VENT PIPING SHALL BE SCHEDULE 40 PVC-DWV SOLID WALL PIPING CONFORMING TO ATSM D-2865-68 AND C.S. 272-66 WITH NS SEAL. NO FOAM CORE PIPING WILL BE ACCEPTABLE. PIPING AND TRAP DISCHARGE FROM DISHWASHER SHALL BE 20 LF OF CAST IRON WITH NO HUB STAINLESS STEEL BANDS. OR CPVC PIPING CAPABLE FOR TEMPERATURES GREATER THAN 180 DEG.F.
 - 2. WASTE PIPING SLEEVES SHALL BE SCHEDULE 40 PVC-DWV OR CAST IRON SOLID WALL AS IDENTIFIED AS ABOVE BUT SHALL BE ONE PIPE DIAMETER LARGER FILLED WITH FORETOP MATERIAL FOR FIRE WALLS.
- B. FITTINGS:
 - 1. FITTINGS FOR PVC-DWV PIPING SHALL BE PVC-DWV FITTINGS CONFORMING TO PIPING SPECIFICATIONS LISTED ABOVE.
- C. JOINTS:
 - 1. JOINTS FOR PVC-DWV PIPING SHALL BE MADE USING PIPING MANUFACTURERS APPROVED SOLVENT CEMENT.
 - 2. ANY FLASHING OF PLUMBING VENTS IF USED SHALL BE PROVIDED BY THE GENERAL CONTRACTOR AND SHALL BE COORDINATED WITH SUCH.

HOT AND COLD WATER SYSTEMS:

- A. WATER PIPING:
 - 1. WATER PIPING 4" AND SMALLER ABOVE GRADE INSIDE BUILDING SHALL BE TYPE "L" HARD COPPER CONFORMING ASTM B-88
- B. FITTINGS:
 - 1. FITTINGS FOR COPPER PIPING SHALL BE WROUGHT COPPER, SOLDER JOINT FITTINGS CONFORMING TO ANSI B 16.22
- C. JOINTS:
 - 1. ALL COPPER PIPING JOINTS. 1 1/4" AND SMALLER SHALL BE MADE USING LEAD FREE SOLDER WITH A MINIMUM MELTING POINT OF 410 DEGREES FAHRENHEIT.
 - 2. ALL COPPER PIPING JOINTS. 1 1/2" AND LAGER SHALL BE MADE USING SIL-PHOS-COPPER SILVER ALLOY MATERIAL WITH A MINIMUM MELTING POINT OF 1000 DEGREE F.

CLEANOUTS:

- A. CLEANOUT INSTALLED IN FLOORS AND WALKS SHALL HAVE ADJUSTABLE CAST IRON BODY WITH CAST BRASS PLUG. LEAD SEAL AND SQUARE NICKEL BRONZE TOP WITH WATERTIGHT GASKETED COVER. CLEANOUTS SHALL BE J.R. SMITH, JOSAM, ZURN OR ENGINEERING APPROVED EQUAL.

VALVES:

- A. VALVES SHALL BE INSTALLED AS NOTED ON CONTRACT DOCUMENTS. EXISTING VALVES IN PLACE SHALL BE VERIFIED FOR SAFE OPERATIONS AND SHALL BE REPLACED WITH THAT OF NEW IF DETERMINED TO BE UN-USABLE.
- B. DOMESTIC COLD AND HOT WATER SYSTEM VALVES 1 1/4" AND SMALLER SHALL BE CAST BRONZE BODY, FULL PORTED, SOLDERED END GATE VALVES RATED AS CLASS 150, 200 WOG SERVICES. DOMESTIC COLD AND HOT WATER SYSTEMS VALVES 2" AND SMALLER SHALL BE CAST BRONZE, FULL PORTED, THREADED END GATE VALVES RATED FOR CLASS 150 WOG SERVICES. VALVES SHALL BE PROVIDED WITH STEEL EXTENSION FOR INSULATION THICKNESS SPECIFIED. VALVES SHALL BE NIBCO OR JENKINS. VALVES NOT LISTED SHALL REQUIRE ENGINEERING APPROVED EQUAL.

PIPE INSULATION:

- A. ALL PLUMBING PIPE INSULATION SYSTEMS, INCLUDING JACKETING, COVERINGS, ADHESIVES WHEN USED, SHALL HAVE A MINIMUM SPREAD RATE NOT EXCEEDING TWENTY-FIVE (25) AND A SMOKE DEVELOPMENT RATING NOT EXCEEDING FIFTY (50) WHEN THE INSULATION ASSEMBLY IS TESTED AS COMPOSITE.
 - 1. INSULATE ALL COLD AND HOT WATER PIPING IN ACCORDANCE WITH IECC 2015 ADDITION
 - 2. COLD WATER PIPING INSULATION SHALL BE 1/2" FOR PIPING BELOW 1 1/2" DIAMETER AND 1 1/2" FOR PIPING ABOVE 1 1/2" DIAMETER
 - 3. HOT WATER PIPING INSULATION SHALL BE: 1" FOR PIPING BELOW 1 1/2" DIAMETER, AND 1 1/2" FOR PIPING ABOVE 1 1/2" DIAMETER
 - 2. ALL PIPE INSULATION FOR PIPE FITTINGS SHALL BE PRE-MOLDED TO FIT FITTINGS AND SHALL BE ENCLOSED UNDER PRE-MOLDED PVC FITTING JACKET.

HANGERS:

- A. HANGERS FOR HORIZONTAL PIPING SHALL BE CLEVIS TYPE AND SHALL BE MANUFACTURED BY MODERN, ANVIL OR ENGINEERING APPROVED EQUAL.
- B. HANGERS FOR INSULATED PIPING SHALL EXTEND AROUND INSULATION. PROVIDE 16 GAGE GALVANIZED STEEL INSULATION PROTECTION SADDLES 12" LONG AT EACH HANGER ON ALL INSULATED LINES.
 - PIPE SIZE 1 1/2" AND SMALLER 6'-0" O.C.
 - 2" AND LARGER 10'-0"
- C. A HANGER SHALL BE PROVIDED WITHIN ONE (1) FOOT OF EACH BEND IN HORIZONTAL PIPING. VERTICAL PIPING SHALL BE SUPPORTED AT EACH FLOOR OR AT INTERVALS NOT EXCEEDING TEN (10) FEET.
- D. HANGERS SHALL BE FASTENED BY MEANS OF THREADED RODS TO STEEL BEAM CLAMPS, CENTER OF BAR JOIST, CENTER OF TRUSSES, ETC. ALL HANGERS SHALL PERMIT ADEQUATE ADJUSTMENT AFTER ERECTION WHILE STILL SUPPORTING THE LOAD.

PROTECTION OF WORK AND EQUIPMENT:

- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY WORK DAMAGED DURING CONSTRUCTION. ANY PLUMBING WORK DAMAGED BY ANY OTHER CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AND IN PERFECT WORKING CONDITION WITHOUT EXTRA COST TO THE OWNER. ALL FIXTURES AND FITTINGS SHALL BE ADEQUATELY PROTECTED BEFORE, DURING AND AFTER INSTALLATION.
- B. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PLUMBING FIXTURES AT TIME OF FINAL INSPECTION. ANY BROKEN FIXTURES WILL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER REGARDLESS OF BY WHOM THE FIXTURE WAS BROKEN.

TESTING:

- A. THE CONTRACTOR SHALL NOTIFY ENGINEER TWENTY FOUR (24) HOURS IN ADVANCE OF ALL TEST. THE CONTRACTOR SHALL MAKE ALL NECESSARY PRELIMINARY TEST TO INSURE A TIGHT SYSTEM. ANY JOINTS FOUND TO LEAK UNDER PRESSURE SHALL BE CLEANED AND REMADE.
- B. ALL SANITARY WASTE, AND VENT PIPING SHALL BE TESTED IN ACCORDANCE WITH INTERNATIONAL PLUMBING CODE (IPC) REQUIREMENTS.
- C. ALL WATER PIPING HOT AND COLD SHALL BE TESTED IN ACCORDANCE WITH INTERNATIONAL PLUMBING CODE (IPC) REQUIREMENTS.
- D. CONTRACTOR SHALL FURNISH ALL EQUIPMENT NECESSARY TO PERFORM TEST IN ACCORDANCE WITH CODE REQUIREMENTS.

STERILIZATION:

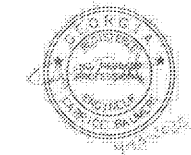
- A. WATER PIPING SHALL BE CHARGED WITH A CHLORINE SOLUTION CONTAINING NOT LESS THEN 50-PPM AVAILABLE CHLORINE. THE SOLUTION SHALL REMAIN IN PIPING FOR A MINIMUM PERIOD OF 8 HOURS. DURING WHICH TIME VALVES SHALL BE OPENED AND CLOSED TO PERMIT A SMALL FLOW OF THE SOLUTION. AT END OF SIX (6) HOURS THE SOLUTION SHALL BE TESTED AND MUST CONTAIN A RESIDUAL OF AT LEAST 5 TO 10 PPM. THE SYSTEM SHALL THEN BE DRAINED AND FLUSHED TO PROVIDE SATISFACTORY POTABLE WATER BEFORE FINAL CONNECTION IS MADE TO THE EXISTING DISTRIBUTION SYSTEM.
- B. THE CONTRACTOR SHALL CONTRACT WITH AN INDEPENDENT TESTING LABORATORY FOR A CERTIFICATION LETTER THAT THE SYSTEM STERILIZATION MEETS OR EXCEEDS STANDARDS FOR POTABLE WATER.

PLACING IN SERVICE:

- A. UPON COMPLETION OF THE ENTIRE SYSTEM INSTALLATION, THE ENTIRE SYSTEM AND EQUIPMENT SHALL BE TESTED BY ACTUAL OPERATIONS TO PROVIDE THAT ALL FIXTURES OPERATE AS INTENDED.
- B. THE CONTRACTOR SHALL FLUSH ALL WASTE PIPING PRIOR TO FINAL CONNECTION TO EXISTING SYSTEM. TO ENSURE THAT NO FOREIGN MATERIALS ARE IN THE LINES, AND CONTINUOUS FLOW OF WATER AND WASTE CAN BE AFFECTED.
- C. THE CONTRACTOR SHALL FLUSH ALL WATER PIPING PRIOR TO THE CONNECTION OF FLUSH VALVE, AND FAUCET AERATORS TO PROVIDE A CLEAN AND OPERATIONAL WATER SYSTEM.
- D. THE CONTRACTOR SHALL PLACE THE ENTIRE SYSTEM IN A SATISFACTORY OPERATING CONDITION AND SHALL FURNISH ALL ASSISTANCE AND INSTRUCTIONS REQUIRED.
- E. IT IS THE CONTRACTORS RESPONSIBILITY TO INSURE ALL FLOOR DRAINS AND CLEANOUTS ARE IN A CLEAN CONDITION.



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PLUMBING SCHEDULES & SPECIFICATIONS

ADDITION AND RENOVATIONS TO THE
BURKE COUNTY SENIOR CENTER
717 WEST 6TH STREET
WAYNESBORO, GEORGIA

PROJECT NUMBER 201903

REVISIONS
DRAWN BY: BAW
CHECKED BY: CAB
ISSUE DATE: 4/17/2020
PLOT DATE: 4/17/2020



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