

PLUMBING SYMBOLS	
	GATE VALVE
	GLOBE VALVE
	CHECK VALVE
	BUTTERFLY VALVE
	BALL VALVE
	PLUG VALVE
	CALIBRATED BALANCING SHUT-OFF VALVE & GPM SETTING
	ANGLE VALVE
	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
	SOLENOID VALVE
	STRAINER
	PRESSURE REGULATING VALVE
	SAFETY RELIEF VALVE
	VENTURI FLOW MEASURING DEVICE
	AIR SEPARATOR
	UNION
	TEMPERATURE/PRESSURE TEST PLUG
	PRESSURE GAUGE WITH GAUGE COCK
	THERMOMETER
	WALL HYDRANT (NON-FREEZE)
	ROOF HYDRANT (NON-FREEZE)
	HOSE BIBB
	PUMP
	CIRCULATOR PUMP
	WATER HAMMER ARRESTER
	FLOOR DRAIN
	AREA DRAIN (STORM WATER)
	ROOF DRAIN
	PIPE ANCHOR
	PIPE GUIDE
	PIPE TRANSITION
	EXPANSION COMPENSATOR
	FLEXIBLE CONNECTION
	ELBOW DOWN
	ELBOW UP
	TEE DOWN
	TEE UP
	FLOW ARROW
	FLOOR CLEANOUT FLUSH WITH FINISH FLOOR
	YARD CLEANOUT FLUSH IN GRASS OR PAVED AREA
	CLEANOUT IN HORIZONTAL RUN
	CLEANOUT IN VERTICAL DROP EXPOSED
	CLEANOUT IN VERTICAL DROP WITH EXTENSION THROUGH WALL
	PIPE CAP
	CONTINUATION BREAK
	ACCESS DOOR IN WALL OR CEILING
	CONNECT TO EXISTING
	LIMIT OF DEMOLITION
	DISTANCE FROM FLOOR TO BOTTOM OF OBJECT
	CONCRETE THRUST BLOCK
	SLOPING PIPE (.01 = 1%) & DIRECTION OF SLOPE

EXISTING PIPING SYMBOLS	
	EXISTING PIPING TO BE REMOVED
	EXISTING PIPING TO REMAIN - SERVICE IS SAME DESIGNATION AS NEW
	EXISTING PIPING NOTED AS CAPPED AND PORTION REMOVED

GENERAL SYMBOLS	
	SECTION MARKER
	PARTIAL PLAN / DETAIL MARKER
	RISER TYPE: S-SANITARY/W-WASTE/V-VENT/OW-COLD WATER/HW-HOT WATER RISER NUMBER

PLUMBING LINE TYPES	
	POTABLE DOMESTIC COLD WATER
	NON-POTABLE DOMESTIC COLD WATER
	DOMESTIC HOT WATER (120° F)
	DOMESTIC HOT WATER RECIRCULATION (120° F)
	DOMESTIC HOT WATER (140° F)
	DOMESTIC HOT WATER RECIRCULATION (140° F)
	SANITARY SEWER (GRAVITY)
	SANITARY SEWER (VACUUM)
	WASTE
	ACID WASTE
	SLURRY SUPPLY/RETURN FOR PULPER
	VENT
	ACID VENT
	STORM DRAIN
	OVERFLOW (SECONDARY) STORM DRAIN
	SIPHONIC STORM DRAIN SYSTEM
	INDIRECT DRAIN
	NATURAL GAS
	GREASE (WASTE) LINE
	INDIRECT WASTE
	PUMP DISCHARGE

ROOF DRAIN SCHEDULE				
MARK	OUTLET SIZE	DOME SIZE	DOME TYPE	COMMENTS

PLUMBING GENERAL NOTES:

- FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE ORDERING EQUIPMENT OR FABRICATING COMPONENTS.
- UNLESS NOTED OTHERWISE, CONSTRUCTION MATERIAL AND EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF THE SITE.
- INSTALL ALL EQUIPMENT AND MATERIALS IN STRICT ACCORDANCE WITH RESPECTIVE MANUFACTURER'S WRITTEN INSTRUCTIONS UNLESS THERE IS A CONFLICT BETWEEN THESE INSTRUCTIONS AND THE CURRENT CODE IF A CONFLICT OCCURS, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
- COORDINATE WORK WITH STRUCTURAL AND ARCHITECTURAL FEATURES AND PROVIDE OFFSETS AND FITTINGS AS REQUIRED.
- COORDINATE WORK WITH ALL OTHER TRADES. CEILING HEIGHTS ON ARCHITECTURAL PLANS ARE FINAL.
- ALL DIMENSIONS AND PIPE SIZES ARE IN INCHES UNLESS NOTED OTHERWISE.
- RUN PIPING CONCEALED EXCEPT IN MECHANICAL ROOMS OR WHERE NOTED OTHERWISE.
- PROVIDE ACCESS PANELS IN WALLS OR CEILINGS WHERE REQUIRED FOR ALL CONCEALED VALVES AND EQUIPMENT WHERE NO OTHER ACCESS IS PROVIDED. INSTALL RATED ACCESS PANELS IN FIRE RATED CONSTRUCTION TO MAINTAIN RATING.
- RUN CONCEALED PIPING ON ROOM SIDE OF BUILDING INSULATION UNLESS NOTED OTHERWISE.
- ALL EXPOSED PIPING SHALL BE CLEANED AND HAVE THE SURFACE PREPARED TO RECEIVE PAINTED FINISH. PRIME AND PAINT THE EXPOSED PIPING IN COLOR AS SELECTED BY THE ARCHITECT.
- SLOPE ALL SOIL, WASTE AND STORM WATER LINES PER CODE.
- CONNECT WATER, WASTE, AND VENT PIPING TO FIXTURES IN ACCORDANCE WITH SIZES INDICATED ON FIXTURE SCHEDULE. RUN-OUTS TO FIXTURES WITHOUT SIZES INDICATED ON DRAWINGS, SHALL BE THE SAME SIZE AS THE CONNECTOR SIZE FOR THE CORRESPONDING FIXTURE AS INDICATED ON THE FIXTURE SCHEDULE.
- THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES AND PIPING BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES.
- INSTALL ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- PATCH ALL OPENINGS IN BUILDING CONSTRUCTION WHERE PIPING, ETC. IS INSTALLED. MATERIAL AND FINISH TO MATCH EXISTING SURROUNDING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE PIPE SLEEVES IN ALL FOUNDATION WALLS FOR PIPING PENETRATIONS.
- THE CONTRACTOR SHALL VERIFY AND CONFIRM ALL PLUMBING FIXTURE LOCATIONS AND TYPES WITH ARCHITECTURAL PLANS, DETAILS AND ELEVATIONS. ANY DISCREPANCIES BETWEEN THE PLUMBING DRAWINGS AND THE ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION, PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL CUT ANY OPENING IN FLOORS, WALLS, ROOFS AND CEILINGS REQUIRED FOR INSTALLATION OF PLUMBING EQUIPMENT, PIPING, ETC. THE CONTRACTOR SHALL ALSO PATCH AND REPAIR ANY EXISTING FLOORS, WALLS, AND CEILING OPENINGS LEFT BY THE REMOVAL OR INSTALLATION OF PLUMBING EQUIPMENT, PIPING, ETC. PATCHING SHALL MATCH THE EXISTING ADJACENT SUBSTRATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINISHES WHERE PATCHING MENTIONED ABOVE IS PROVIDED.



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REVISIONS		
NO.	DATE	DESCRIPTION OF CHANGES

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RENOVATIONS TO THE ISABEL HOLMES BRIDGE

SYMBOLS, ABBREVIATIONS, NOTES AND DETAILS - PLUMBING

PROJECT 3133

PLOT SCALE: 12" = 1'-0"

FILENAME: ISABEL Holmes Bridge NC Revit 18 PLUMB.rvt

DATE: NOVEMBER 2, 2018

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