

**GENERAL NOTES:**

- DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY OWNER'S CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- PROVIDE A CONSTRUCTION RECORD SET OF "AS-BUILT" DOCUMENTS TO THE OWNER'S CONSTRUCTION MANAGER REFLECTING ANY VARIANCES OF INSTALLED PIPING LOCATIONS OR EQUIPMENT CONTRARY TO THE CONSTRUCTION DOCUMENTS, REFER TO SPECIFICATIONS.
- PROVIDE TO THE OWNER'S CONSTRUCTION MANAGER A COPY OF INSPECTION REPORTS AND APPROVAL CERTIFICATES FROM LOCAL AND STATE INSPECTIONS, REFER TO SPECIFICATIONS.
- INSTALLATION SHALL COMPLY WITH LEGALLY CONSTITUTED CODES AND THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AND ALSO MEET ALL REQUIREMENTS OF THE LANDLORD. OBTAIN A COPY OF THE LANDLORD'S REQUIREMENTS AND REVIEW PRIOR TO SUBMITTING BID.
- PLANS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
- VERIFY LOCATION AND DEPTH OF UTILITIES AT POINTS OF CONNECTION BEFORE START OF PIPING INSTALLATION.
- REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF PLUMBING FIXTURES.
- DO NOT SCALE FLOOR PLANS FOR EXACT HORIZONTAL LOCATION OF PIPE ROUTING.
- INSTALL CONCEALED PIPING TIGHT TO THE STRUCTURE AND AS HIGH AS POSSIBLE. INSTALL EXPOSED PIPING TIGHT TO THE STRUCTURE, WALL OR CEILING AND AS HIGH AS POSSIBLE. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS.
- VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.
- PIPING IN FINISHED AREAS SHALL BE ROUTED CONCEALED;
- COORDINATE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
- COORDINATE PIPING INSTALLATION WITH STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.
- CLEAN FAUCET AERATORS AND PIPE STRAINERS PRIOR TO TURNING BUILDING OVER TO THE OWNER.
- PROVIDE TRAP PRIMERS WHERE REQUIRED BY LOCAL AUTHORITIES.
- COORDINATE PIPE ROUTING AWAY FROM ELECTRICAL PANELS. DO NOT INSTALL PIPING OVER ELECTRICAL PANELS.
- PAINT ALL EXPOSED GAS AND WATER PIPING USING RUST INHIBITOR PAINT. PAINT AND COLOR SHALL BE COORDINATED WITH THE ARCHITECT.
- COORDINATE ALL ROOF PENETRATIONS WITH OTHER TRADES. MAINTAIN 10' MINIMUM CLEARANCE FROM ALL AIR INTAKES. MAINTAIN 2' CLEARANCE FROM ALL OTHER EQUIPMENT.
- INSULATE PIPING ROUTED IN EXTERIOR BUILDING WALLS WITH MINIMUM 2" BATT INSULATION TO PREVENT FREEZING.
- EXAMINE THE CONTRACT DRAWINGS AND ALL AVAILABLE INFORMATION CONCERNING EXISTING INSTALLATION, STRUCTURE, AND LOCAL CONDITIONS. VISIT THE SITE TO UNDERSTAND THE NATURE AND SCOPE OF ALL WORK TO BE PERFORMED AND VERIFY EXISTING CONDITIONS. THE SUBMISSION OF A BID WILL BE TAKEN AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND THAT ALL EXISTING CONDITIONS HAVE BEEN CONSIDERED. NO ALLOWANCES WILL BE MADE AFTER THE PROJECT HAS BEEN AWARDED FOR FAILURE TO VERIFY EXISTING CONDITIONS. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THAT OF THESE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.
- PLUMBING CONTRACTOR MUST PROVIDE CAMERA VERIFICATION OF EXACT LOCATION OF WASTE LINE TO GC DURING BID. VERIFICATION MUST BE MADE PRIOR TO ISSUANCE OF PERMIT AND AFTER ACCEPTANCE OF CONTRACT TO PROCEED.
- CONTRACTOR TO FIELD VERIFY EXISTING DOMESTIC WATER SYSTEM IS PROVIDED WITH A REDUCED PRESSURE BACKFLOW PREVENTER (RPBP). IF NOT EXISTING, PROVIDE AN APPROVED RPBP ASSEMBLY SIZED TO MATCH BUILDING WATER METER. INSTALL NEW RPBP BETWEEN THE WATER METER AND THE BUILDING PER LOCAL JURISDICTION'S REQUIREMENTS.

**KITCHEN GENERAL NOTES:**

- REFERENCE THE KITCHEN EQUIPMENT PLUMBING CONNECTION SCHEDULE FOR ITEMS TO BE FURNISHED AND / OR INSTALLED AS REQUIRED TO COMPLETE THE INSTALLATION OF PLUMBING SYSTEMS FOR KITCHEN EQUIPMENT. REFERENCE THE KITCHEN EQUIPMENT SHOP DRAWINGS FOR EXACT REQUIREMENTS PRIOR TO THE START OF INSTALLATION.
- PROVIDE ITEMS AND WORK AS REQUIRED FOR A COMPLETE AND WORKING PLUMBING INSTALLATION FOR EACH PIECE OF KITCHEN EQUIPMENT. PROVIDE ROUGH-INS AND CONNECT TO THE KITCHEN EQUIPMENT WITH TRAP, SUPPLIES, SHUTOFF VALVES, PIPES TO THE WALL, ESCUTCHEONS, ETC AS SHOWN, SPECIFIED AND REQUIRED.
- PROVIDE INDIRECT WASTE LINE OF SAME SIZE AS CONNECTION TO EQUIPMENT WITH 3/4" BEING MINIMUM SIZE. ROUTE FROM EQUIPMENT CONNECTION POINTS INDICATED TO FLOOR DRAIN OR FLOOR SINK. PROVIDE AIR GAP OF TWO PIPE DIAMETERS MINIMUM PER CODE.
- COMPLY WITH HEALTH DEPARTMENT REGULATIONS. PROVIDE CLEARANCE FOR CLEANING BEHIND AND UNDER EXPOSED PIPING AS REQUIRED BY HEALTH DEPARTMENT. CONFORM TO HEALTH DEPARTMENT REQUIREMENTS FOR LOCATIONS OF FLOOR SINKS.
- PROVIDE AIRTIGHT SEAL AROUND PIPING PENETRATIONS THROUGH WALK-IN COOLER OR FREEZER WALLS OR CEILINGS.
- DO NOT INSTALL PIPING IN COOLER OR FREEZER WALLS. INSTALL EXPOSED PIPING IN A NEAT APPEARING MANNER.
- INSTALL RIM OF FLOOR DRAINS AND FLOOR SINKS BELOW FINISHED FLOOR LEVEL. SLOPE FLOOR TO DRAINS. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
- COORDINATE LOCATION OF VENT, WATER, AND GAS PIPING TO AVOID CONFLICT WITH OTHER TRADES.
- CLEAN INSTALLED PLUMBING FIXTURES AND EQUIPMENT.
- PROVIDE WALL BACKING OR SPECIFIED CARRIERS FOR THE PROPER SUPPORT OF INSTALLED WALL HUNG FIXTURES AND EQUIPMENT.
- PROVIDE VERTICAL LIFT SPRING LOADED CHECK VALVES IN HOT AND COLD WATER SUPPLIES FOR 3-COMPARTMENT SINKS, PRE-RINSE UNITS, JANITOR SINKS, MIXING HOSE BIBBS & MIXING WALL HYDRANTS DOWNSTREAM OF SHUTOFF VALVES.
- SEAL AROUND INSTALLED FIXTURES AND KITCHEN EQUIPMENT WITH CAULK.
- PROVIDE APPROPRIATE BACKFLOW PREVENTION DEVICES FOR KITCHEN EQUIPMENT REQUIRING THEM PER LOCAL AUTHORITIES REQUIREMENTS. INSTALL BACKFLOW PREVENTION DEVICES FURNISHED WITH KITCHEN EQUIPMENT.

**PLUMBING FIXTURE SCHEDULE**

| ITEM ID | EQUIPMENT & FIXTURE TYPE              | MANUFACTURER / MODEL #              | SANITARY CONNECTIONS |        |           |                | WATER CONNECTIONS |      |    | GAS (MBH) | REMARKS  |
|---------|---------------------------------------|-------------------------------------|----------------------|--------|-----------|----------------|-------------------|------|----|-----------|--|
|         |                                       |                                     | WASTE                | VENT   | TRAP SIZE | INDIRECT WASTE | CW                | HW   | TW |           |  |
| EW      | ELECTRIC WATER COOLER                 | IGO PRODUCTS STANDARD POU H/C       | -                    | -      | -         | -              | 1/2"              | -    | -  | -         |  |
| FCO     | FLOOR CLEAN OUT                       | SILOUX CHIEF 834 SERIES             | -                    | -      | -         | -              | -                 | -    | -  | -         | 4" SQUARE FLOOR CLEANOUT.  |
| FD      | FLOOR DRAIN                           | SILOUX CHIEF 832-4 FNQ              | 3"                   | 2"     | 3"        | -              | -                 | -    | -  | -         | 4" SQUARE FLOOR DRAIN. ORDER WITH TRAP PRIMER CONNECTION.  |
| FS      | FLOOR SINK                            | GATEY PVC FLOOR SINK                | 3"                   | 2"     | 3"        | -              | -                 | -    | -  | -         | 1/2 GRATE SQUARE, USE A LIGHT TYPIC AREA.  |
| HD      | HUB DRAIN                             | -                                   | 3"                   | 1 1/2" | 3"        | -              | -                 | -    | -  | -         |  |
| HWRP    | HOT WATER RECIRCULATION PUMP          | B & G 100                           | -                    | -      | -         | -              | -                 | -    | -  | -         | HOT WATER RECIRCULATION PUMP: 1/2 H.P., 115V/1PH., 7GPM MAX, 10 FT. HD., ALL BRONZE. ORDER WITH KESTAT OPTION, EQUAL GRUNDFOS OR TACO UNITS ARE ACCEPTABLE.  |
| LAV     | HANDICAPPED LAVATORY ADA/TAS          | AMERICAN STANDARD/ LUCERNE 0355.012 | 2"                   | 1 1/2" | 1 1/4"    | -              | 1/2"              | 1/2" | -  | -         | VITREOUS CHINA WALL HUNG LAVATORY FOR CONCEALED ARM SUPPORT (JOSAM 17100). TRICAN STANDARD 1340225.002 4" CENTERSET SELF CLOSING, METERED TYPE FAUCET, 1/2" NET SPACED CHROME SUPPLIES, LOOSE KEY ANGLE STOPS, 1-1/4" X 1/2" C.P. ADJUSTABLE P-TRAP WITH CLEANOUT AND CHROME SET SCREW ESCUTCHEONS THROUGH WALL, "TRUBRO LAV-GUARD" INSULATION KIT NO. 101. INSTALLATION SHALL COMPLY WITH ADA REQUIREMENTS. |
| MS      | MOP SINK                              | FIAT MSB2424                        | 3"                   | 1 1/2" | 3"        | -              | 1/4"              | 3/4" | -  | -         | PROVIDE WITH FIAT 830-AA VACUUM RELIEF MOP FAUCET WITH WALL HANGER.  |
| S.A.    | SHOCK ABSORBER/ WATER HAMMER ARRESTOR | JOSAM/ 75000-S                      | -                    | -      | -         | -              | -                 | -    | -  | -         | PROVIDE ACCESS WALL PANEL.   |
| SK      | POT FILL FAUCET                       | T&S BRASS 5PR-8W00                  | -                    | -      | -         | -              | 1/2"              | 1/2" | -  | -         | PROVIDE WITH 8" SWING.   |
| TMV     | THERMOSTATIC MIXING VALVE             | WATTS/ 67MM                         | -                    | -      | -         | -              | 1/2"              | 1/2" | -  | -         | THERMOSTATIC MIXING VALVE, MIN. TEMP 105F.   |
| TP      | TRAP PRIMER                           | JOSAM/ 17150-10                     | -                    | -      | -         | -              | 1/2"              | -    | -  | -         | MOUNT UNDER CLOSEST SINK OR CLOSEST PIECE OF EQUIPMENT.  |
| WC      | WATER CLOSET ADA/TAS                  | SANTA ROSA/ KOHLER K-3810           | 4"                   | 2"     | -         | -              | 3/4"              | -    | -  | -         | HANDICAPPED VITREOUS CHINA FLUSH VALVE WATER CLOSET WITH ELONGATED SIPHON JET BOWL 1.28 GPF. FURNISH COMPLETE WITH KOHLER K-4774 OPEN FRONT TOILET SEAT.   |
| WCO     | WATER CLEAN OUT                       | JOSAM/ 58600                        | -                    | -      | -         | -              | -                 | -    | -  | -         |  |
| WH      | GAS WATER HEATER                      | RHEEM RIG-95DV                      | -                    | -      | -         | -              | -                 | 1"   | 1" | 199       | MOUNT ON WALL ABOVE MOP SINK, REFER TO ARCHITECTURAL DRAWINGS FOR PLATFORM HEIGHT AND DIMENSIONS.  |

**NOTES:**  
 1. PRE-RINSE SPRAYERS SHALL BE PROVIDED WITH A WATTS N9 (DUAL CHECK WITH ATMOSPHERIC VENT) BACKFLOW PREVENTER.  
 2. PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL DESIGNATED WATER LINES WITH TESTABLE RPZ BFP FOR ANY CHEMICAL FEEDS AT MOP BASIN AND/OR 3-COMP SINK.  
 3. AT TIME OF ORDER, PLUMBING CONTRACTOR SHALL VERIFY THAT ALL PLUMBING EQUIPMENT IS NSF LISTED. PLUMBING CONTRACTOR SHALL ALSO ORDER 3-COMP, HAND SINKS AND LAVATORY FAUCETS WITH BLADE HANDLES.  
 4. 3-COMPARTMENT SINK SHALL HAVE LEVER WASTES.  
 5. ALL HAND SINKS SHALL BE TIGHT CONNECTED.

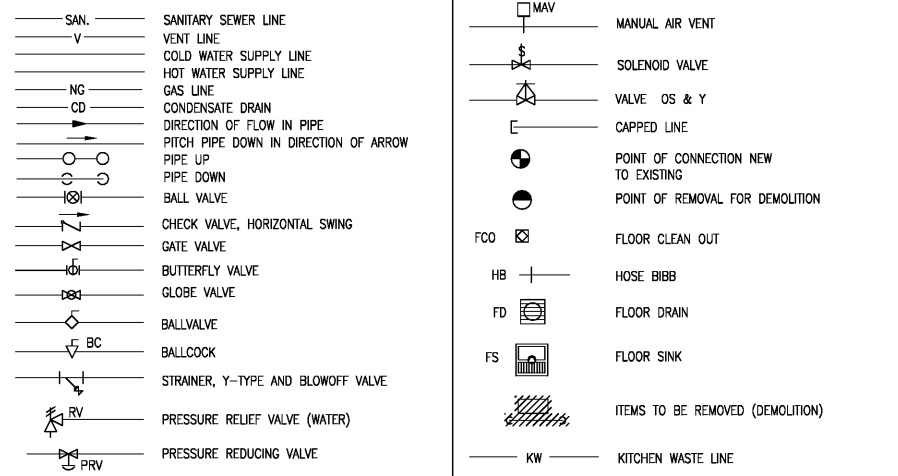
**FIELD VERIFY ALL CONDITIONS**

NOTE! AS NOTED IN THE SPECIFICATIONS, ALL WIRING LAYOUTS, PIPING LAYOUTS AND DUCT LAYOUTS ARE SCHEMATIC. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONSTRUCTION AND STRUCTURE OF THE BUILDING AND SHALL BE VERIFIED AND COORDINATED IN THE FIELD. EACH TRADE CONTRACTOR SHALL VERIFY WITH THE GENERAL CONTRACTOR THAT HE HAS THOROUGHLY REVIEWED AND COORDINATED ALL LOCATIONS AND ROUTINGS WITH ALL OTHER TRADES PRIOR TO FABRICATION OF CONDUITS, DUCTS, OR PIPING, AND START OF INSTALLATION OF SAME (INCLUDING SPRINKLER PIPING WHEN PRESENT ON JOB). ANY INSTALLATION OR CONSTRUCTION CONFLICTS WHICH OCCUR IN THE FIELD SHALL BE RESOLVED BY THE TRADE CONTRACTOR TO THE SATISFACTION OF THE OWNER AND ARCHITECT AND AT NO EXPENSE TO THE OWNER, ARCHITECT AND/OR GENERAL CONTRACTOR.

THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTORS COST.

BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES, THE PLANS AND SPECIFICATIONS NOT WITHSTANDING THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

**PLUMBING SYMBOLS**

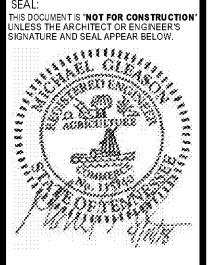


NOTE: SYMBOLS SHOWN ON THIS PLUMBING LEGEND ARE FOR REFERENCE PURPOSES ONLY. ALL OF THESE SYMBOLS MAY NOT BE USED FOR THIS PROJECT.

**Order Plans @**

ARCHITECTURE  
 ENGINEERING  
 INTERIOR DESIGN  
 PROJECT MANAGEMENT

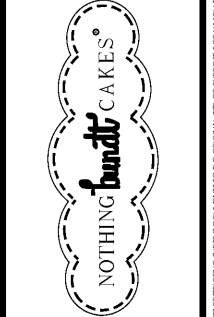
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04.11.18 PERMIT SUBMIT  
 04.04.18 OWNER REVIEW

NO. DATE REMARKS  
 REVISIONS



CREEKSIDE PLAZA  
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PROJECT NO: 2018.0044  
 DATE: 04.11.18

**P.O.O**  
 PLUMBING LEGEND  
 AND  
 GENERAL NOTES  
 CHECKED: MFG DRAWN: JMA

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