

8/26/2024 4:40:11 PM / RLG / PLUMBING

Autodesk Docs: // 406493 - Rogers PCF Solids Phase 2/406493-Solids Building-BV.rvt

GENERAL ABBREVIATIONS

Table of general abbreviations with columns for symbol, description, and category. Includes items like ALARM, COMPRESSED AIR OUTLET (A), AIR COMPRESSOR (AC), etc.

SYSTEM ABBREVIATIONS

Table of system abbreviations with columns for WATER, WASTE, and SPECIAL. Includes items like COLD WATER (NON-POTABLE) (NPW), CHEMICAL RESISTANT WASTE (CRW), etc.

VALVE LEGEND

Table of valve symbols and descriptions. Includes PLAN, SECTION, 2D SYMBOL, and DESCRIPTION columns. Items include ANGLE VALVE, BACKFLOW PREVENTER, etc.

PIPING ACCESSORIES LEGEND

Table of piping accessory symbols and descriptions. Includes PLAN, 2D SYMBOL, and DESCRIPTION columns. Items include FLEXIBLE CONNECTION, HOSE FAUCET, etc.

PIPING LEGEND

Table of piping symbols and descriptions. Includes PLAN, 2D SYMBOL, and DESCRIPTION columns. Items include PIPING ABOVE FLOOR OR GRADE, PIPING BELOW FLOOR OR GRADE, etc.

CONTROLS AND INSTRUMENTATION

Table of control and instrumentation symbols and descriptions. Includes 2D SYMBOL and DESCRIPTION columns. Items include FLOW SWITCH, LEVEL SWITCH, etc.

PIPE FITTING LEGEND

Table of pipe fitting symbols and descriptions. Includes PLAN, 2D SYMBOL, and DESCRIPTION columns. Items include BLIND FLANGE, CAP, REDUCER, etc.

PLUMBING LEGEND

Table of plumbing symbols and descriptions. Includes PLAN, 2D SYMBOL, and DESCRIPTION columns. Items include BELL-UP DRAIN OR FUNNEL RECEPTOR, CLEANOUT, etc.

SCHEMATICS

Table of schematic symbols and descriptions. Includes 2D SYMBOL and DESCRIPTION columns. Items include AIR-GAP FITTING, BELL-UP DRAIN OR FUNNEL RECEPTOR, etc.

SCHEMATICS SPECIALTIES

Table of schematic specialty symbols and descriptions. Includes 2D SYMBOL and DESCRIPTION columns. Items include AUTOMATIC VALVE STATION, BASKET STRAINER, etc.

GENERAL PLUMBING NOTES

- 1. THIS IS GENERAL LEGEND AND ABBREVIATION SHEET FOR THE PLUMBING DRAWINGS. SOME ITEMS CONTAINED ON THIS SHEET MAY NOT BE USED ON THIS SPECIFIC PROJECT.
2. ALL MECHANICAL PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING APPLICABLE CODES:
2021 INTERNATIONAL EXISTING BUILDING CODE
2021 INTERNATIONAL FIRE CODE WITH ARKANSAS AMENDMENTS
2021 INTERNATIONAL BUILDING CODE WITH ARKANSAS AMENDMENTS
2018 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL PLUMBING CODE
2014 ARKANSAS ENERGY CODE
3. FOR PLUMBING VENTS, FLUE FLASHING, AND ROOF DRAIN DETAILS, SEE ARCHITECTURAL DRAWINGS.
4. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL EQUIPMENT BASE DETAILS.
5. "SCREENED" DELINEATION DENOTES EXISTING AND NEW FACILITIES AND IS FOR REFERENCE ONLY. "LIGHT" LINE DELINEATION DENOTES EXISTING MECHANICAL EQUIPMENT AND SYSTEMS. EXISTING FACILITY AND MECHANICAL SYSTEMS INFORMATION WAS TAKEN FROM PREVIOUS DRAWINGS, CONSTRUCTION RECORDS, DATA, AND FIELD SURVEY INFORMATION. ACTUAL LOCATION, ARRANGEMENT, AND DIMENSIONS SHALL BE FIELD VERIFIED AND WORK INSTALLED TO MEET ACTUAL CONDITIONS AND LOCATIONS ENCOUNTERED. "BOLD" (DARK) DELINEATION IS NEW WORK TO BE CONSTRUCTED UNDER THIS CONTRACT.
6. ALL PIPE PENETRATIONS THROUGH FIRE RESISTANCE RATED ASSEMBLIES SHALL BE PROVIDED WITH FIRESTOP SYSTEMS, EQUIPMENT AND ACCESSORIES TO RESIST THE PASSAGE OF FIRE, SMOKE AND OTHER GASES. THE ORIGINAL FIRE RESISTANCE RATING OF THE ASSEMBLY PENETRATED SHALL BE MAINTAINED FOR ALL TYPES OF PENETRATIONS. SEE ARCHITECTURAL DRAWINGS FOR RATED ASSEMBLY LOCATIONS.
7. METAL ROOF DECKING OR BOTTOM CHORD OF BAR JOISTS SHALL NOT BE USED FOR THE SUPPORT OF EQUIPMENT OR PIPING.
8. ALL HANGERS, BRACKETS, OR BRACES FOR EQUIPMENT AND PIPING ARE NOT INDICATED ON THE DRAWINGS. REFER TO THE SPECIFICATIONS FOR SUPPORT REQUIREMENTS NOT SHOWN ON THE PLANS.
9. ALL EQUIPMENT AND PIPING FINAL LOCATIONS SHALL BE COORDINATED TO AVOID INTERFERENCES WITH STRUCTURE, OTHER PIPING, EQUIPMENT, DUCTWORK, AND CONDUIT. UNLESS SPECIFICALLY DIMENSIONED, THE PIPE ROUTING SHOWN IS INTENDED TO INDICATE GENERAL LOCATION ONLY.
10. ALL PIPING SHALL BE ROUTED AS HIGH AS POSSIBLE WITH A MINIMUM HEIGHT OF 8'-0" ABOVE THE WALKING SURFACE UNLESS OTHERWISE INDICATED BY A CENTERLINE OR INVERT ELEVATION.
11. ALL HOSE FAUCETS AND HOSE VALVES SHALL BE INSTALLED 3'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. WALL HYDRANTS SHALL BE INSTALLED 2'-0" ABOVE GRADE UNLESS OTHERWISE NOTED.
12. ALL HOSE FAUCETS AND WALL HYDRANTS SHALL BE NOMINAL 3/4" PIPE SIZE UNLESS OTHERWISE NOTED. ALL HOSE VALVES SHALL BE 1 1/2" NOMINAL PIPE SIZE UNLESS OTHERWISE NOTED.
13. ALL HOSE FAUCETS, WALL HYDRANTS, AND OTHER OUTLETS ON NON-POTABLE WATER LINES WHICH COULD BE USED FOR DRINKING OR DOMESTIC USE SHALL BE POSTED AS REQUIRED BY THE APPLICABLE CODES. IN ABSENCE OF A CODE REQUIREMENT, THE OUTLETS SHALL BE POSTED WITH A TAG IN THE SHAPE OF A 4" EQUILATERAL TRIANGLE BEARING THE LEGEND "DANGER: UNSAFE WATER" IN LETTERS NOT LESS THAN 1/2" IN HEIGHT. THIS TAG SHALL BE SECURELY ATTACHED IN A VISIBLE LOCATION DIRECTLY ABOVE OUTLET. THE TAG SHALL BE PAINTED ORANGE AND THE LETTERS BLACK.
14. ALL RELIEF VALVES SHALL BE PIPED TO FLOOR OR BELL-UP DRAINS.
15. SEISMIC RESTRAINTS/BRACING SHALL BE PROVIDED FOR ALL EQUIPMENT, PIPING AND ACCESSORIES IN ACCORDANCE WITH THE LATEST SMACNA SEISMIC RESTRAINT MANUAL AND LOCAL BUILDING CODES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SEISMIC SUPPORTS AND ADDITIONAL/MISCELLANEOUS STEEL REQUIRED FOR PROPER INSTALLATION OF SUPPORTS. SUPPORTS AND SEISMIC RESTRAINTS DESIGN SUBMITTALS SHALL BEAR THE STAMP AND SIGNATURE OF A LICENSED ENGINEER.
16. INSULATION SHALL BE PROVIDED FOR EQUIPMENT AND PIPING SYSTEMS AS INDICATED IN THE SPECIFICATIONS.
17. PLUMBING VENTS OUTLETS SHALL BE LOCATED A MINIMUM OF 10'-0" AWAY FROM ANY OUTSIDE AIR INLET.
18. PIPING SIZES TO EQUIPMENT AND EQUIPMENT SUPPORTS SHALL BE VERIFIED AND ADJUSTED TO MATCH ACTUAL EQUIPMENT FURNISHED.
19. ALL MATERIALS, FITTINGS, COVERS, AND EQUIPMENT INSTALLED IN RETURN AIR PLENUMS SHALL BE NONCOMBUSTIBLE AND UL LISTED FOR USE IN RETURN AIR PLENUMS.

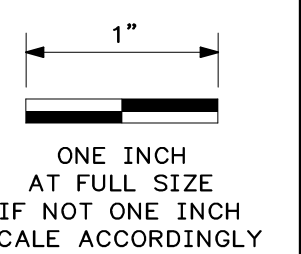
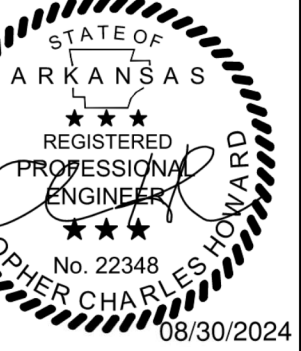


Table for DATE and REVISION with columns for date and revision number.



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ROGERS, ARKANSAS
ROGERS POLLUTION CONTROL FACILITY (PCF)
SOLIDS HANDLING IMPROVEMENTS, PHASE II
PLUMBING
LEGENDS, ABBREVIATIONS, AND GENERAL NOTES
FOR: ROGERS WATER UTILITIES

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