



NOTE: INSTRUMENTS SHOWN WITHIN THE OUTLINED AREA ON THIS DRAWING SHALL BE PROVIDED UNDER SECTION 13025 AS PART OF THE REVERSE OSMOSIS SYSTEM. NO ATTEMPT HAS BEEN MADE TO SHOW ALL ELECTRICAL INTERCONNECTIONS AMONG THOSE INSTRUMENTS, THEIR CONNECTIONS TO THE RO PLC, NOR THE INFORMATION EXCHANGE BETWEEN THE RO PLC AND THE PLANT CONTROL SYSTEM. SEE SPECIFICATIONS SECTIONS 13025 AND 13500 FOR REQUIREMENTS.

THE REVERSE OSMOSIS SYSTEM SUPPLIER (ROSS) SHALL DESIGNATE A UNIQUE TAG NAME FOR ALL VALVES FURNISHED WITH THE SYSTEM. THE NOMENCLATURE SHALL BE IN THE FORMAT "XXX-NNN" WHERE "XXX" IS THE TYPE OF VALVE AND "NNN" IS A UNIQUE ALPHANUMERIC IDENTIFIER. THE PREFIX ("XXX") SHALL BE AS FOLLOWS.

BFV = BUTTERFLY VALVE
 BV = BALL VALVE
 GLV = GLOBE VALVE

CARTRIDGE FILTERS

R.O. UNIT (TYPICAL FOR ONE OF TWO. ROS-1 SHOWN)

NOTES

- MULTIPLE PDSH CONTACTS WITHIN THE PLC ENCLOSURE. TWO ADDITIONAL CONTACTS ARE REQUIRED: ONE FOR EACH R.O. TRAIN INSTRUMENT PANEL.

CONFORMED TO CONSTRUCTION RECORDS	2	NO.	BY	CHK	APP
ADDENDUM	1				
REVISIONS AND RECORD OF ISSUE					
DATE					
SYMBOL ID:					
ISSUE ID:					
REVISED BY:					
DATE:					
USER:					

*THIS DRAWING WAS ORIGINALLY APPROVED FOR CONSTRUCTION BY JOHN E. ROUSH JR. FOR 10/18/2001 AND SEALED BY JOHN E. ROUSH JR. A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MISSOURI, NO. E-28417.



CITY OF O'FALLON, MISSOURI
WATER TREATMENT PLANT
 REVERSE OSMOSIS UNITS
 P & ID

DESIGNED: KBV/JER
 DETAILED: KBV/JER
 CHECKED: MJP
 APPROVED: JER
 DATE: 10/08/01

PROJECT NO.
97515

N4

SHEET
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