

- GENERAL NOTES:
- A. ALL PIPE FITTINGS ARE SHOWN WITH LONG RADIIUSES
- B. COORDINATE EQUIPMENT DELIVERY WITH US FILTER-MEMCOR AND CITY ENGINEER.
- C. INSTALL TURBINIMETERS AND PARTICLE COUNTERS (ONE EACH FOR MEMBRANE UNIT) ON US FILTER PROVIDED INSTRUMENT STAND OR ON INSTRUMENT STANDS AS SHOWN IN DETAILS 8 ON SHEET P-23.
- SPECIFIC NOTES:

- 1 6" BWF
- 2 8" BWF
- 3 10" BWF
- 4 6" CF
- 5 8" FW
- 6 6" SW
- 7 8" SW
- 8 10" FEED OUTLET
- 9 NOT USED
- 10 10" OVERFLOW
- 11 24" MANWAY
- 12 10" OVERFLOW TO DRAIN, SEE PLUMBING PLAN FOR CONTINUATION.
- 13 8" DRAIN TO WASTE NEUTRALIZATION SEE SHEET P-9, FOR CONTINUATION.
- 14 6" 45° BEND
- 15 4" 90° BEND
- 16 6" 90° BEND
- 17 8" 90° BEND
- 18 10" 90° BEND
- 19 6"x4" REDUCING BEND
- 20 10"x6" REDUCING BEND
- 21 10"x8" REDUCING BEND
- 22 16"x8" REDUCING BEND
- 23 4"x4" TEE
- 24 6"x6" TEE
- 25 10"x10" TEE
- 26 6"x4" REDUCING TEE
- 27 10"x6" REDUCING TEE
- 28 10"x8" REDUCING TEE
- 29 16"x6" REDUCING TEE
- 30 16"x8" REDUCING TEE
- 31 GATE VALVE
- 32 BUTTERFLY VALVE
- 33 6" VENT
- 34 NOT USED
- 35 FLEXIBLE CONNECTIONS.
- 36 LEVEL SWITCH (HIGH, LOW, & TRANSDUCER)
- 37 PROVIDE BY US FILTER-MEMCOR, INSTALLED BY GENERAL CONTRACTOR.
- 38 NOT USED
- 39 NOT USED
- 40 EQUIPMENT PAD, SEE DETAIL 4 SHEET P-23
- 41 FLANGED PIPE SUPPORTS SEE DETAIL 3, SHEET P-23
- 42 8" PNEUMATIC ACTUATED BUTTERFLY VALVE
- 43 FLOOR PENETRATION DETAIL, SEE DETAIL 8 ON SHEET P-22
- 44 PIPE SUPPORT DETAIL, SEE DETAIL 6 SHEET P-23

RECORD DRAWING

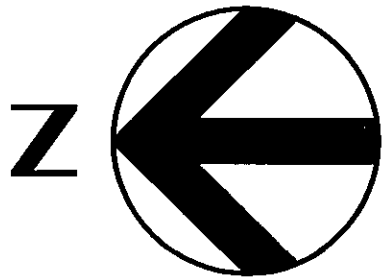
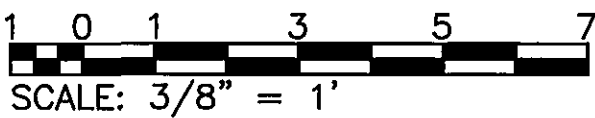
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MATCH LINE SHEET P-12

MATCH LINE SHEET P-11

PLAN - PROCESS

SCALE: 3/8" = 1'-0"



RECORD DRAWING

APRIL 28, 2003

Wiley & Wilson

ARCHITECTS ENGINEERS PLANNERS

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IN ASSOCIATION WITH

HDR

HDR Engineering, Inc.

DESIGNED ADE	DRAWN JMB	PROJECT	CRYSTAL SPRING WATER TREATMENT PLANT FOR THE CITY OF ROANOKE, VIRGINIA		
CHECKED PJD		REFERENCE	PROCESS		
COMM. NO.		TITLE	PLAN - MODULAR UNITS		
CADD NO.		DWG. NO.	P-10	SHEET NO.	REV.
DATE AUGUST 27, 2001					

REV.	DATE	BY	APP.	DESCRIPTION
1	9/13/2001			REVISED AS PER ADDENDUM DATED (9/13/2001)
0	8/27/2001			ISSUED FOR CONSTRUCTION