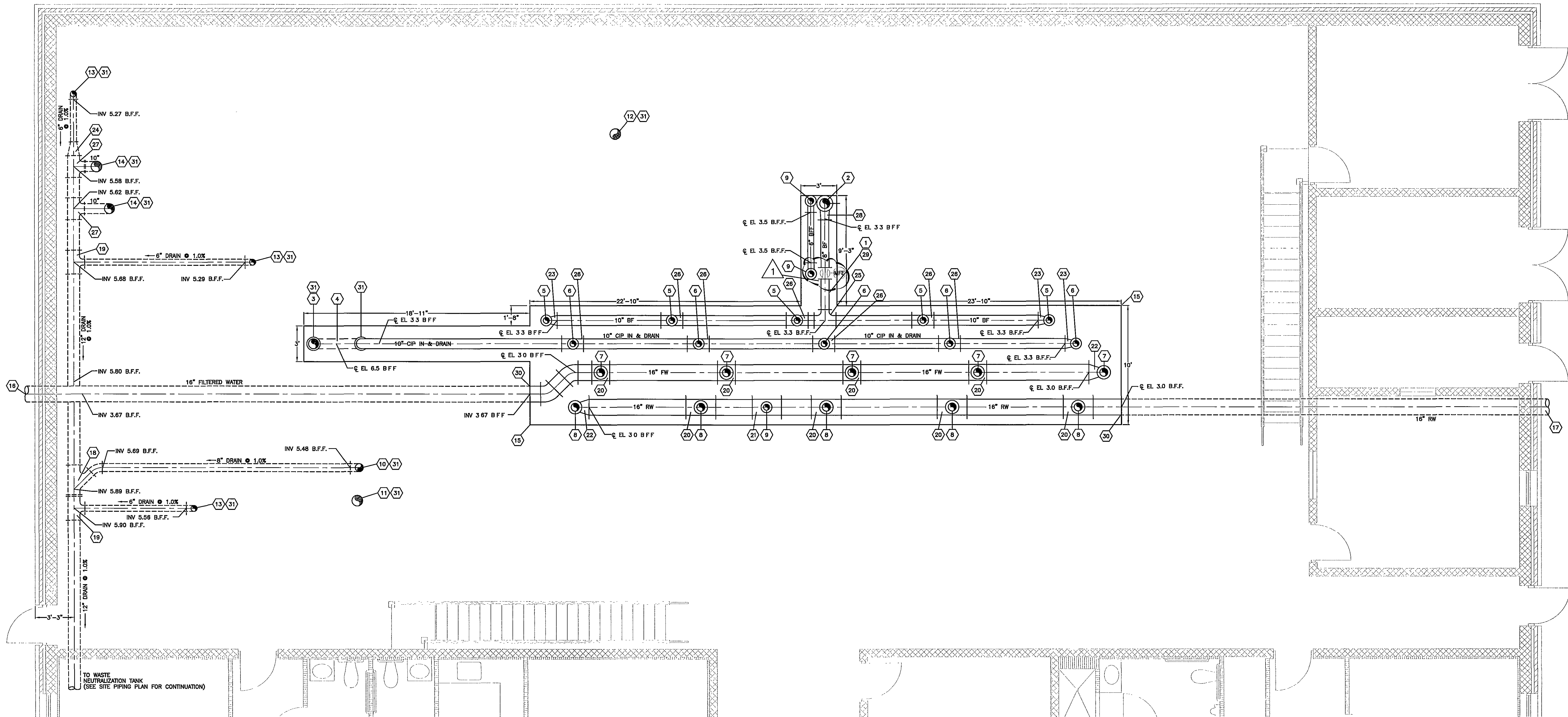




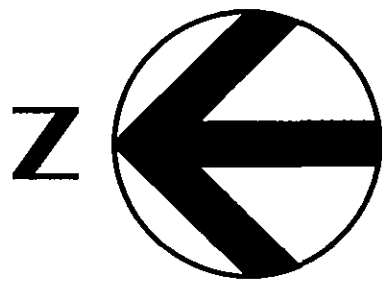
GENERAL NOTES:

- A. GRAY SCALE EQUIPMENT PROVIDED BY US FILTER-MEMCOR INSTALLED BY GENERAL CONTRACTOR.
- B. NOT USED
- C. SEE PLUMBING PLAN FOR DRAINAGE AND POTABLE WATER PIPING.
- D. F.F. ELEV. 946.50 IS TOP OF FLOOR ELEVATION AT WALL. ACTUAL FLOOR ELEVATION WILL VARY WITH SLOPE TO DRAIN. ALL ELEVATION A.F.F AND B.F.F. SHALL BE BASED ON F.F. ELEVATION 946.50.

SPECIFIC NOTES:

- 1 PROVIDED BY US FILTER-MEMCOR, INSTALLED BY GENERAL CONTRACTOR.
- 2 FROM BACKWASH FORWARDING TANK, SEE SHEET P10. FOR CONTINUATION.
- 3 10" FROM CIP TANK, SEE SHEET P-12 FOR CONTINUATION.
- 4 10" CIP FEED PIPING, INSTALL TRAP BELOW SLAB. SEE SHEET P-16.
- 5 6" BACKWASH FEED TO MODULAR UNITS. SEE SHEETS P-13 & P-14.
- 6 6" CIP IN & DRAIN FOR MODULAR UNITS. SEE SHEETS P-13 & P-14.
- 7 8" FILTERED WATER FROM MODULAR UNITS. SEE SHEETS P-13 & P-14.
- 8 8" RAW WATER FEED TO MODULAR UNITS. SEE SHEETS P-13 & P-14.
- 9 6" RAW WATER FEED FROM 16" MAINFOLD TO BACKWASH FORWARDING TANK, SEE SHEETS P-13, P-14 & P-15
- 10 8" BACKWASH RECEIVING TANK DRAIN TO WASTE NEUTRALIZATION TANK.
- 11 10" BACKWASH RECEIVING TANK OVERFLOW TO STORM SEWER, SEE PLUMBING PLAN.
- 12 10" BACKWASH FORWARDING TANK DRAIN TO STORM SEWER, SEE PLUMBING PLAN.
- 13 CIP AREA CHEMICAL FLOOR DRAIN TO WASTE NEUTRALIZATION TANK, SEE SHEET P-12
- 14 10" CIP TANK DRAIN TO WASTE NEUTRALIZATION TANK, SEE SHEET P-12 & P-16
- 14 TRENCH BOUNDARY, SEE SHEET P-13 & P-14 FOR SECTION VIEWS
- 15 TRENCH BOUNDARY, SEE SHEET P-13 & P-14 FOR SECTION VIEWS
- 16 16" FINISHED WATER TO CLEAR WELL, SEE SITE PLAN FOR CONTINUATION
- 17 16" RAW WATER INFUENT FROM SPRING SEE SITE PLAN FOR CONTINUATION
- 18 12"x12"x8" WYE 45'
- 19 12"x12"x6" TEE
- 20 16"x16"x8" TEE
- 21 16"x16"x6" TEE
- 22 16"x8" REDUCING ELBOW
- 23 10"x6" REDUCING ELBOW
- 24 12"x6" REDUCER
- 25 10"x10"x8" TEE
- 26 10"x10"x6" TEE
- 27 12"x12"x10" TEE
- 28 10"x8" REDUCING ELBOW
- 29 MAGNETIC FLOW METER
- 30 PIPE PENETRATION TYPE 1, SEE DETAIL 3 SHEET P-22
- 31 FLOOR PENETRATION SEE DETAIL 5, SHEET P-22

RECORD DRAWING
This record drawing has been prepared, in part, based upon information furnished by others. While this information is believed to be reliable, HDR Engineering, Inc. cannot assure its accuracy, and thus is not responsible for the accuracy of this record drawing or for any errors or omissions which may have been incorporated into it as a result. Those relying on this record document are advised to obtain independent verification of its accuracy before applying it for any purpose.



SCALE: 1/4" = 1'

RECORD DRAWING
APRIL 28, 2003

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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 PROCESS
CHECKED PJD		REFERENCE
COMM NO		TITLE TRENCH &-UNDER SLAB PIPING PLAN
CADD NO		DWG NO P-9
DATE AUGUST 27, 2001		SHEET NO. REV.

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