

Blackburg, VA
Greensboro, NC

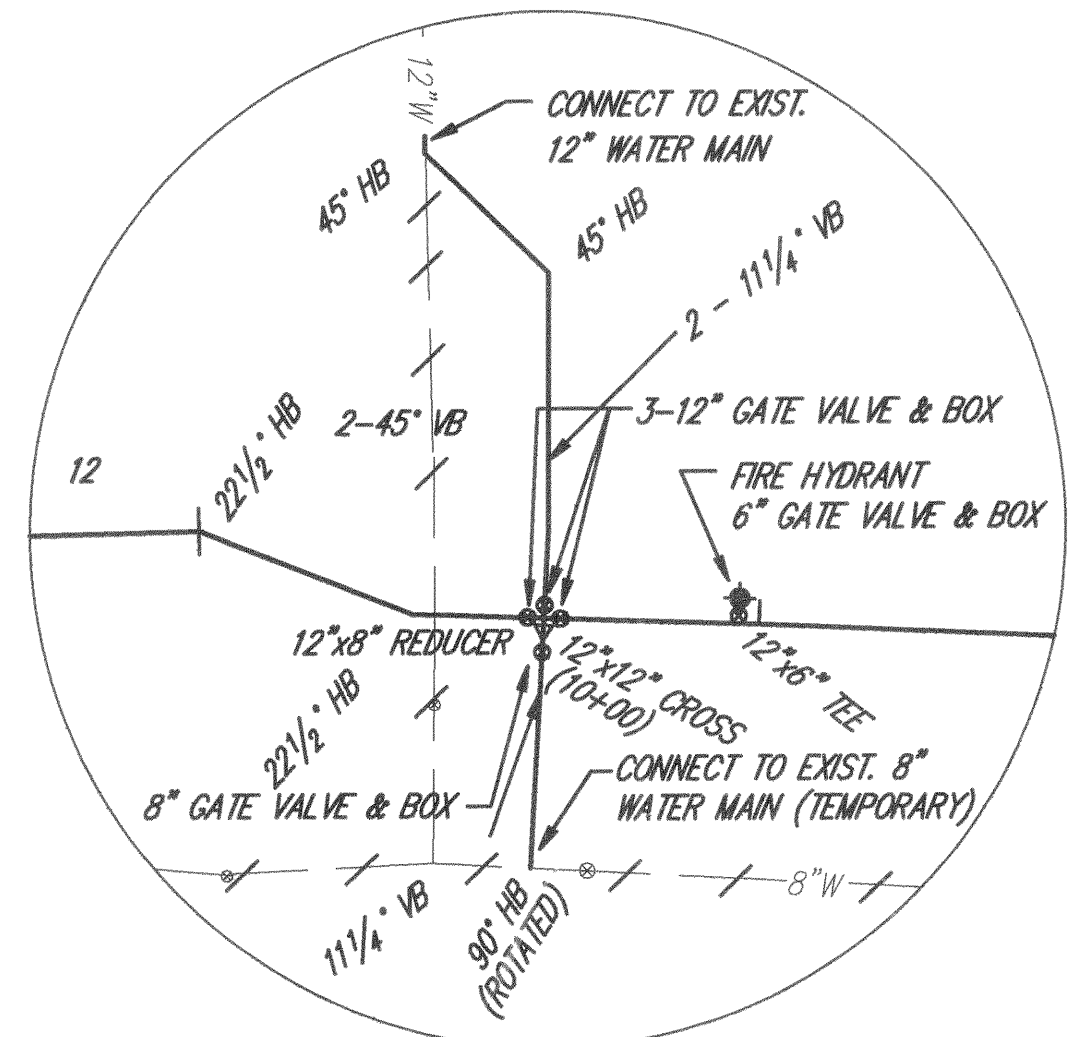
Engineers
Surveyors
Planners

ANDERSON
AND
ASSOCIATES, Inc.

Power Poles Property of APCO, Roanoke, Va.
Telephone Poles & Underground Cable Property of C&P Telephone Co., Roanoke, Va.
Water Lines Property of City of Roanoke Water Dept., Roanoke, Va.
Sewer Lines Property of Roanoke County Utility Department, Salem, Va.
Gas Lines Property of Roanoke Gas Co., Roanoke, Va.

DESIGN FEATURES RELATING TO CONSTRUCTION
OR TO REGULATION AND CONTROL OF TRAFFIC
MAY BE SUBJECT TO CHANGE AS DEEMED
NECESSARY BY THE DEPARTMENT

REVISED	FHWA REGION	STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
1/27/94	3	VA.		11	0011-080-105, PE-102 RW-202 0011-080-F05,C-502	15(6)



CONSTRUCTION @
A=00'30.23' RT.
D=00'04'10"
T=305.00'
L=730.00'
R=82595.90'
PC 294+74.78
PI 298+39.75
PT 302+04.78

BLOW-UP

REMOVE EXISTING SANITARY SEWER
MANHOLE AND REPLACE WITH NEW
SANITARY SEWER MANHOLE.

5 L.F. SANITARY SEWER MANHOLE
MANHOLE FRAME & COVER W&C-1

CONNECT TO EXIST.
12" WATER MAIN

35 L.F. CONCRETE ENCASEMENT

47 L.F. 12" DI WATER MAIN
SEE PROFILE SHEET (12)

FIRE HYDRANT
6" GATE VALVE & BOX

533 L.F. 12" DI WATER MAIN
SEE PROFILE SHEET (11)

7 L.F. RECONSTRUCT EXISTING
SANITARY MANHOLE

14 L.F. SANITARY SEWER MANHOLE
MANHOLE FRAME & COVER F&C-1

48 L.F. 18" DI SAN. SEWER PIPE
SEE PROFILE SHEET (13)

15 L.F. CONCRETE ENCASEMENT
SEE PROFILE SHEET (13)

35 L.F. CONCRETE ENCASEMENT

CONNECT TO EXIST.
2" FORCE MAIN

8" GATE VALVE & BOX

FOR TEMPORARY CONNECTION:
VALVE TO BE ABANDONED IN PLACE WHEN
EXIST. 8" LINE IS ABANDONED EAST OF CONST.
@ STATION 296+50

22 L.F. 8" DI WATER MAIN

FOR TEMPORARY CONNECTION TO MAINTAIN
WATER SERVICE IN EXISTING 8" LINE EAST
OF CONST. @ STATION 296+50.
SEE PROFILE SHEET (12)

RELOC. EXIST. WATER METER & BOX
15 L.F. 3/4" WATER SERVICE LINE
CONNECT TO EXIST. 3/4" WATER SERVICE
LINE (BOTH ENDS)

CONNECT TO EXIST. 12"
WATER MAIN

142 L.F. 18" SAN. SEWER PIPE
SEE PROFILE SHEET (13)

CONNECT TO EXIST. 8"
WATER MAIN (TEMPORARY)

SUPERVISED BY: R. WOLFE, T. DIGULIAN
DESIGNED BY: P. SCHMIDT, R. VARNY
CADD OPERATOR: G. HALE, C. KING, J. BELCHER
REVISED BY: _____
PLAN DATE: 18 AUG 93

PLAN	NO.	DATE	BY
NOTE BOOK			
NO.			

MATCH LINE STA. 291+00 SHEET (5)

MATCH LINE STA. 299+00 SHEET (7)

SCALE
0 25 50