

NOTE: ISOLATION VALVES ARE LOCATED IN THE INTERSECTION OF CRUMPACKER ROAD AND ORCHARD HILL DRIVE (540'± FROM HYDRANT).

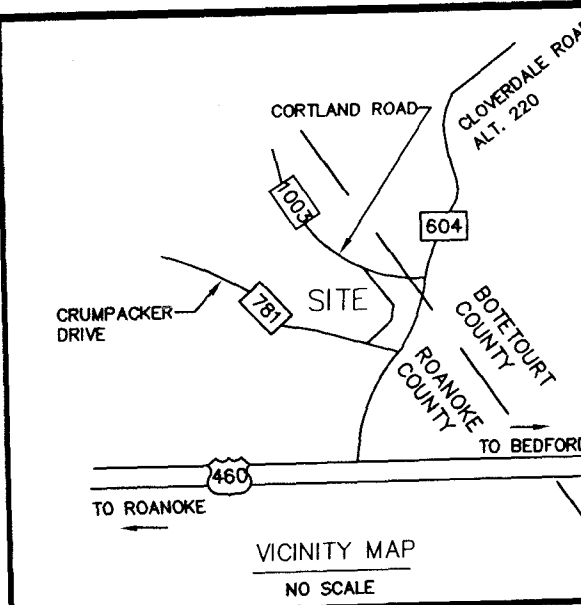
BENCHMARK
CHISELED SQ. ON SE END
OF HEADWALL @ SE
INTERSECTION OF CRUM-
PACKER & APPLE TREE DR
ELEV. = 1083.36'
BASED ON VDOT PROJ.
0781-080-190,C-501

8" PVC C-900 WATER LINE IN
28 LF 16" STEEL ENCASEMENT PIPE
MINIMUM 0.25" WALL THICKNESS
INSTALLED BY BORING AND
JACKING METHOD @ STA 11+20.

- NOTES:
1. ALL CONSTRUCTION INSIDE VDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH VDOT STANDARDS.
 2. ALL CONSTRUCTION SHALL CONFORM TO ROANOKE COUNTY STANDARDS (SECOND EDITION).
 3. THE CONTRACTOR SHALL CONTACT THE UTILITY LOCATING SERVICE AND GIVE REQUIRED NOTICE PRIOR TO COMMENCING WORK. COORDINATE WITH PROPER UTILITY AUTHORITIES FOR ALL UTILITIES TO BE RELOCATED OR REMOVED.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES. ALL TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH VDOT STANDARDS.
 5. THIS PLAN IS SUPPLEMENTAL TO THE SITE AND UTILITY PLANS FOR THE ORCHARD APARTMENT HOMES PROJECT.
 6. PLANS BASED ON SURVEY BY T. P. PARKER & SON.
 7. TOPOGRAPHIC INFORMATION FROM FIELD SURVEYS AND AERIAL TOPOGRAPHY.
 8. TOTAL WATER LINE EXTENSION = 395 FT±.

CRUMPACKER ROAD ROUTE NO. 781 50' PUBLIC R/W (PAVED 24' EP-EP)

EX. IN-LINE TEMPORARY BLOW-OFF MANHOLE.
CONTRACTOR TO REMOVE PLUG & ASSEMBLY;
CONNECT TO PROPOSED WATER EXTENSIONS;
REPAIR/REPLACE MANHOLE TO COUNTY STANDARD
EX. SIGN, TYP.



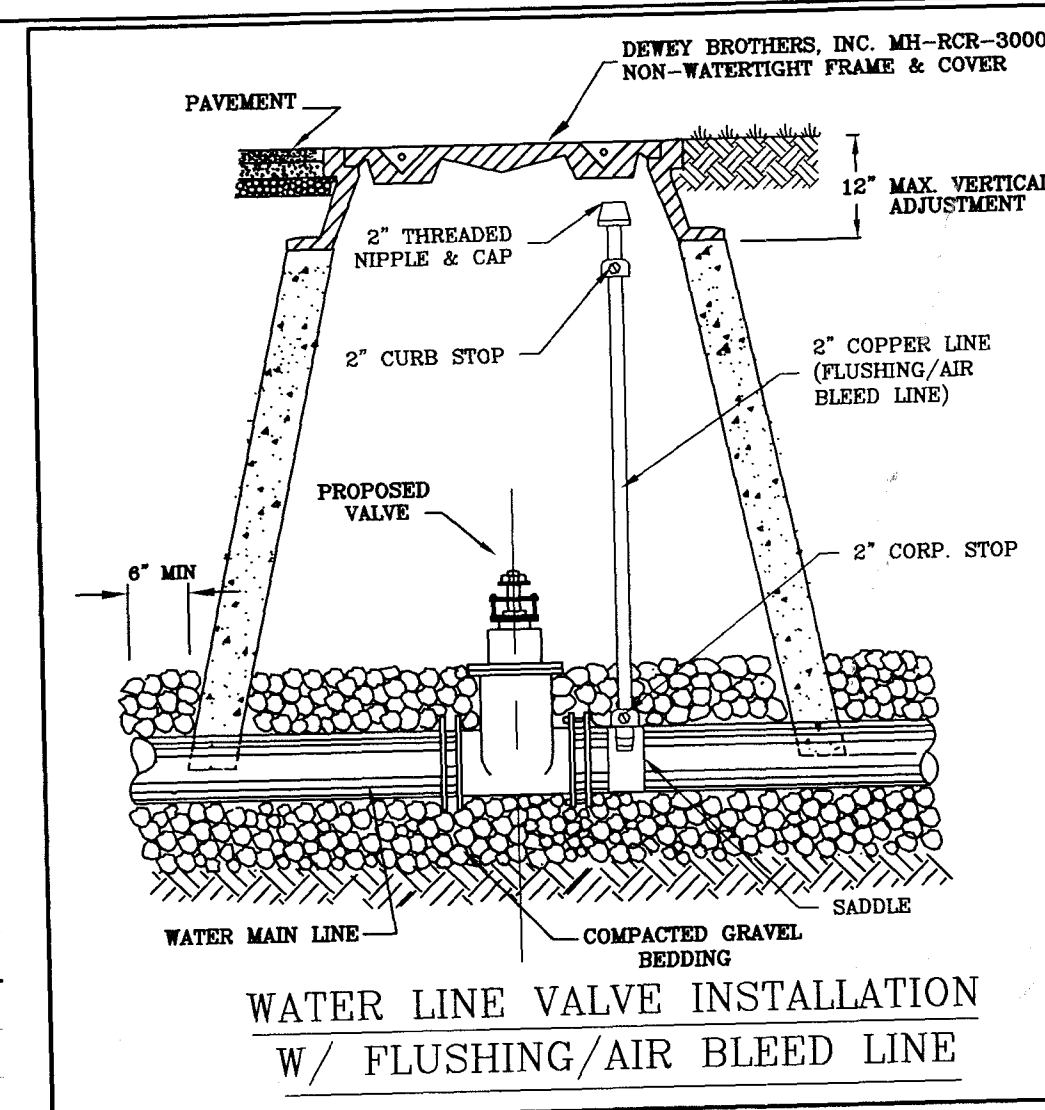
EX. BRADFORD PEAR TREE, TYP.
EX. CONC. DITCH
EX. DITCH
EX. 30" RCP
EX. PP
EX. TELE. PEDESTAL
EX. GUY ANCHORS(3)
APPROX. LOCATION EX. 8" WATER MAIN (CONTRACTOR TO VERIFY)

APPROX. LOCATION EX. UNDERGROUND TELEPHONE
EX. EDGE OF PAVEMENT
EX. GUARDRAIL

SUPPLEMENTAL WATER LINE EXTENSIONS
CRUMPACKER ROAD
THE ORCHARDS APARTMENT HOMES
SITE IMPROVEMENTS
ROANOKE COUNTY, VIRGINIA
FOR
CEG ROANOKE, LLC
4045 PREMIER DRIVE, SUITE 208
HIGH POINT, NORTH CAROLINA 27265
PHONE: (336) 889-8976 EXT. 303

NOTE - 8" GATE VALVE IN MANHOLE:
INSTALL A 2" FLUSHING/AIR BLEED LINE INSIDE THE
MANHOLE. PLACE 2" SADDLE AS NEAR AS PRACTICAL
TO THE 8" GATE VALVE, WITH A 2" CORP STOP ON THE
SADDLE. INSTALL A 2" COPPER LINE TO ALLOW ACCESS
TO IT WITHOUT ENTERING THE MANHOLE. INSTALL A
2" CURB STOP WITH A THREADED NIPPLE ON THE FREE END.

NOTE:
FIELD VERIFY WATERLINE DEPTH PRIOR TO
BORE. CONTACT VDOT & ROANOKE CO. IF
FIELD CONDITIONS CAUSE SIGNIFICANT CHANGES.



WATER LINE VALVE INSTALLATION
W/ FLUSHING/AIR BLEED LINE

DEEP RIVER ENGINEERING, PLLC

4045 PREMIER DRIVE
SUITE 206
HIGH POINT, NORTH CAROLINA 27265
PHONE: (336) 889-8976
FAX: (336) 889-8990

DESIGNED: PRB
DRAWN: PRB
CHECKED: PRB
SCALE: 1" = 20'
1" = 4' VERT.

DATE: 9/7/00
JOB NUMBER: 126
COUNTY COMMENTS

REV. DATE DESCRIPTION

1 10/7/00 WATER LINE EXTENSIONS - CRUMPACKER ROAD
THE ORCHARDS APARTMENT HOMES
SITE IMPROVEMENTS
ROANOKE COUNTY, VIRGINIA

SHEET NO.
SU-1
OF 1