

NOTES

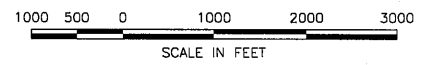
- 1. ALL EXISTING UNDERGROUND UTILITY LOCATIONS AS SHOWN ON THESE PLANS ARE APPROXIMATE AND DO NOT REPRESENT ALL UNDERGROUND UTILITIES OR SERVICE LINES. PRIOR TO EXCAVATION, THE CONTRACTOR SHALL CONTACT THE PERTINENT UTILITY COMPANIES AND/OR UTILITY LOCATING SERVICES TO HAVE ALL UNDERGROUND UTILITIES LOCATED AND MARKED.
- 2. ALL UTILITY LINES AND APPURTENANCES ARE TO BE CONSTRUCTED AS PER THE LATEST EDITION OF THE "BEDFORD COUNTY PUBLIC SERVICE AUTHORITY MASTER SPECIFICATIONS." THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF THE LATEST EDITION OF THE MASTER SPECIFICATIONS AND DETAILS AND KEEPING THESE DOCUMENTS ON SITE AT ALL TIMES DURING CONSTRUCTION.
- 3. WATER LINES SHALL BE TESTED AT A PRESSURE OF 200 PSI.
- 4. WATER LINES SHALL NOT BE PLACED WITHIN 30 HORIZONTAL FEET OF EXISTING OR PROPOSED SANITARY DRAIN FIELDS AND SEPTIC TANKS.
- 5. CONCRETE ANCHORS SHALL BE PLACED AT ALL BENDS AND TEES, AND BULKHEAD ANCHORS SHALL BE PROVIDED AT DEAD END LINES, IN ACCORDANCE WITH THE STANDARD DETAILS.
- 6. WATER LINES LOCATED ALONG THE SHOULDER OF ROUTE 24 SHALL BE BACKFILLED TO GRADE WITH #21A STONE.
- 7. WHEN LOCATED IN VDOT RIGHT-OF-WAY, VALVE BOXES SHALL BE BURIED 4" BELOW GRADE. FIRE HYDRANTS SHALL BE LOCATED BEHIND THE DITCH LINE.
- 8. CULVERTS REMOVED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- 9. IF NATURAL GAS LINE IS TO BE INCLUDED IN THIS PROJECT:
 - a. A 10 FOOT STUB-OUT SHALL BE PLACED AT STATION 10+15.60
 - b. AN ADDITIONAL 8" STEEL CASING WITH PLASTIC SPIDERS SHALL BE USED AT ROAD BORES. GAS LINE SHALL NOT BE INSTALLED IN FUTURE CONNECTION ROAD BORES ACROSS ROUTE 24.
 - c. GAS LINE SHALL BE INSTALLED AND TESTED ACCORDING TO THE ADDENDUM TO THE BEDFORD COUNTY PUBLIC SERVICE AUTHORITY MASTER SPECIFICATIONS DATED JUNE 30, 1999.
 - d. CONTRACTOR SHALL ADJUST THE ALIGNMENT OF THE GAS LINE AS NECESSARY TO ACHIEVE ROAD BORES AND WATERLINE BENDS.

EROSION AND SEDIMENT CONTROL MEASURES

- 1. UTILITY STREAM CROSSING: WHEN CROSSING SMALL WATERWAYS, IN-STREAM UTILITY CONSTRUCTION SHOULD BE CARRIED OUT AS OUTLINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH), THIRD EDITION, 1992, SECTION 3.25.
- 2. SILT FENCE: SILT FENCE SHALL BE USED TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE AND TO REDUCE THE VELOCITY OF THE STORM WATER. (VESCH STANDARDS AND SPEC. 3.05) SILT FENCE CHECKS SHALL BE PLACED IN DITCHES RECEIVING STORM WATER RUNOFF FROM THE AFFECTED WORK AREAS.
- 3. PERMANENT SEEDING: PERMANENT SEEDING SHALL BE USED TO STABILIZE DISTURBED AREAS. (VESCH STANDARDS AND SPEC. SECTION 3.32)
- 4. PERMANENT STABILIZATION: PERMANENT SEEDING SHALL BE USED FOR PERMANENT STABILIZATION.
- 5. MAINTENANCE: ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AS QUICKLY AS POSSIBLE. PERMANENT SEEDING WHICH DOES NOT RESULT IN GOOD STANDS OF GRASS MUST BE RESEDED. AREAS IN WHICH EROSION OCCURS MUST BE REGRADED AND RESEDED AS QUICKLY AS POSSIBLE. ALL EROSION CONTROL MEASURES MUST BE CHECKED AND REPAIRED (IF NECESSARY) AFTER EACH RAINFALL.

BENCHMARK CONTROL DATA

BENCHMARK NUMBER	NORTHING	EASTING	ELEVATION
1	3629537.00158	11092993.65	1102.0247
2	3628009.24123	11093675.79	1082.9783
3	3628630.38909	11094038.05	1081.4691
4	3628436.39839	11094662.01	1084.0596
5	3627979.67138	11075554.22	1015.8746
6	3625810.08958	11100613.82	1057.1373
7	3625347.28462	11101504.34	1025.6814
8	3624551.56215	11104749.75	1020.7131
9	3622524.49029	11108043.55	1076.5831
10	3624125.52512	11107004.12	1095.1639



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