

SOURCE: AS BUILT PLANS PROVIDED BY WILLARD
CONSTRUCTION OF SMITH MOUNTAIN LAKE, LLC.

INDEX MAP
SCALE: 1" = 200'

GENERAL NOTES

1. PLANIMETRIC MAPPING WAS BASED UPON AS BUILT PLANS PROVIDED BY WILLARD CONSTRUCTION OF SMITH MOUNTAIN LAKE, LLC. FOR THE FOLLOWING PROJECTS: "PHASE 2 WATER LINE PLANS FOR 'WESTLAKE TOWNE CENTER', 'KROGER AT 'WESTLAKE TOWNE CENTER' STORE R-399', 'ROADS & UTILITIES AT 'WESTLAKE TOWNE CENTER' - PHASE NO.4", 'KROGER AT WESTLAKE', 'WENDY'S', 'RETAIL/OFFICE/WAREHOUSE BLD ON TRACT 4 - WESTLAKE TOWNE CENTER' AND 'TRACTS 5 & 6 OF WESTLAKE TOWNE CENTER'.
2. MINIMUM PIPE COVER FOR WATER LINES SHALL BE 3'-0" UNLESS NOTED OTHERWISE.
3. THE EXISTENCE AND LOCATION OF EXISTING UTILITIES ARE NOT GUARANTEED AND SHALL BE INVESTIGATED AND FIELD VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK. ANY DAMAGE DONE TO EXISTING UTILITIES AND FACILITIES SHALL BE REPAIRED WITH THE UTILITIES AND FACILITIES RESTORED TO AT THEIR ORIGINAL CONDITION.
4. THE CONTRACTOR SHALL CONTACT "MISS UTILITY OF VIRGINIA" 72 HOURS BEFORE ANY EXCAVATION WORK IS BEGUN. "MISS UTILITY OF VIRGINIA" MAY BE REACHED AT 1-800-552-3120.
5. WATER LINES AND APPURTENANCES ON V.D.O.T. RIGHT-OF-WAY SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE V.D.O.T. "ROAD AND BRIDGE SPECIFICATIONS", "ROAD AND BRIDGE STANDARDS," SPECIAL PROVISIONS-MP-63 AND SUBSEQUENT SPECIAL PROVISIONS-MP-71.
6. ALL FINAL PAVEMENT PATCHES AND OVERLAYS WITHIN VDOT RIGHT-OF-WAY SHALL BE INSTALLED WITH A PAVING MACHINE AND SHALL MEET VDOT SPECIFICATIONS FOR PAVEMENT REPLACEMENT.
7. PRIOR TO THE TRANSFER OF OWNERSHIP TO THE FRANKLIN COUNTY BOARD OF SUPERVISORS, THE EXISTING WATER SYSTEM OWNER WILL BE RESPONSIBLE FOR ENSURING THAT THE EXISTING WELL/PUMP AND CHLORINATION SYSTEM IS ABANDONED IN ACCORDANCE WITH THE VIRGINIA WATERWORKS REGULATIONS MANUAL, SECTION 12 VAC 5-590-840-B14, WELL ABANDONMENT.
8. ALL UNPAVED AND UNGRAVELED AREAS DISTURBED BY EXCAVATION SHALL BE SEEDED.
9. WORK SHALL NOT BE PERFORMED ON VDOT RIGHT-OF-WAY PRIOR TO THE ISSUANCE OF A LAND USE PERMIT BY VDOT.
10. BEDDING AND BACKFILLING PROCEDURES/REQUIREMENTS FOR WATER LINES ARE CONTAINED IN SPECIFICATION SECTION 02221 OF THE PROJECT MANUAL.
11. RIGHT-OF-WAY REQUIREMENTS, PRIVATE PROPERTY: A 20' WIDE PERMANENT EASEMENT 10' LEFT AND RIGHT OF WATER LINE AND A 40' WIDE TEMPORARY EASEMENT 20' LEFT AND RIGHT OF WATER LINE RIGHT-OF-WAY REQUIREMENTS, PUBLIC PROPERTY: CONSTRUCTION LIMITS ARE DEFINED BY THE PUBLIC RIGHT-OF-WAY.
12. OWNERSHIP OF DOCUMENTS - THIS DOCUMENT, INCLUDING THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF THOMPSON & LITTON AND IS NOT TO BE USED IN WHOLE OR IN PART FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF THOMPSON & LITTON.

GENERAL LEGEND

| EXISTING | NEW | DESCRIPTION |
|----------|-----|-----------------------|
| W | | WATER LINE |
| X | | BLOW-OFF VALVE |
| X | | GATE VALVE |
| α | | FIRE HYDRANT |
| □ | | WATER METER |
| □ | ■ | BUILDING OR STRUCTURE |
| --- | --- | PAVED ROAD |
| --- | --- | DIRT/GRAVEL ROAD |
| ROW | ROW | RIGHT-OF-WAY |
| --- | --- | CULVERT |
| --- | --- | DRAINAGE STRUCTURE |
| ① | ① | DRAINAGE MANHOLE |
| SFM | SFM | FORCE MAIN |
| ② | ② | SEWER MANHOLE |
| S | S | SANITARY SEWER |
| --- | --- | UTILITY EASEMENT |
| --- | --- | PROPERTY LINE |
| X | X | FENCE |
| --- | --- | CURB & GUTTER |
| E | --- | ELECTRICAL CONDUIT |

SHEET INDEX

| SHEET NO. | DESCRIPTION |
|-----------|---|
| 1. | COVER SHEET |
| 2. | SHEET INDEX, INDEX MAP, GENERAL NOTES, EROSION AND SEDIMENT CONTROL NOTES & LEGENDS |
| 3. | PLAN - LINE 100W |
| 4. | PLAN - LINE 200W |
| 5. | PRV AND TELEMTRY SYSTEM - MECHANICAL/ELECTRICAL STANDARD WATER LINE DETAILS |
| 6. | TYPICAL DETAILS - RESTRAINING DEVICES |

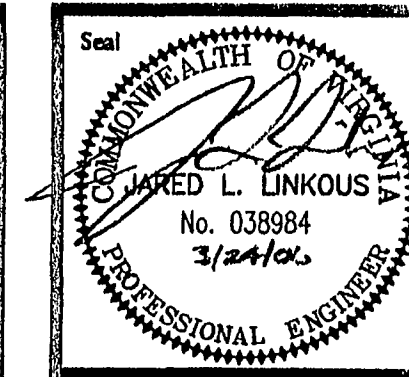
EROSION AND SEDIMENT CONTROL NOTES

1. EROSION AND SEDIMENT CONTROL SHALL BE IMPLEMENTED IN ACCORDANCE WITH ALL LOCAL REQUIREMENTS AND THE LATEST EDITION OF THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK," BY THE DEPARTMENT OF CONSERVATION AND RECREATION, AS APPLICABLE.
2. THE CONTRACTOR SHALL KEEP AT THE PROJECT SITE COPIES OF THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK".
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF ANY ADDITIONAL EROSION AND SEDIMENT CONTROL FACILITIES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN-APPROVING AUTHORITY.
4. ALL DISTURBED AREAS SHALL DRAIN TO APPROVED EROSION AND SEDIMENT CONTROL FACILITIES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES UNTIL FINAL STABILIZATION IS ACHIEVED.
5. MATERIAL STOCKPILES SHALL BE CONTAINED WITHIN SEDIMENT BARRIERS. STOCKPILES THAT ARE TO REMAIN UNWORKED FOR MORE THAN 30 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING WITHIN 7 DAYS AFTER THE COMPLETION OF STOCKPILING.
6. TEMPORARY STABILIZATION SHALL BE INSTALLED WITHIN 7 DAYS ON DENUDED AREAS THAT ARE TO REMAIN DORMANT FOR GREATER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR. PERMANENT STABILIZATION SHALL BE INSTALLED WITHIN 7 DAYS OF FINAL STABILIZATION.
7. ALL AREAS WHICH REQUIRE SEEDING SHALL BE "TOPSOILED" AND STABILIZED WITH MULCH IN ACCORDANCE WITH THE SPECIFICATIONS FOR THIS PROJECT.
8. THE CONTRACTOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL FACILITIES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE MADE IMMEDIATELY. RECORDS OF ALL INSPECTIONS AND REPAIRS MADE TO EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE MAINTAINED BY THE CONTRACTOR.
9. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPEN AT ONE TIME.
10. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
11. PAVED OR PUBLIC ROAD SURFACES SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY.
12. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH A DEWATERING STRUCTURE AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.

EROSION AND SEDIMENT CONTROL LEGEND

| SYMBOL | DESCRIPTION |
|--------|------------------------------|
| X (SF) | SILT FENCE |
| ⊗ (IP) | STORM DRAIN INLET PROTECTION |
| ⊗ (PS) | PERMANENT SEEDING |
| ⊗ (TS) | TEMPORARY SEEDING |
| ⊗ (TO) | TOPSOILING |
| ⊗ (MU) | MULCHING |

Office of Drinking Water
Danville Field Office
APR 17 2006
RECEIVED



CONNECTION TO EXISTING
WESTLAKE TOWNE CENTER WATER SYSTEM
FOR THE
FRANKLIN COUNTY BOARD OF SUPERVISORS
SHEET INDEX, INDEX MAP, GENERAL NOTES, EROSION AND
SEDIMENT CONTROL NOTES & LEGENDS

| No. | Date | Purpose of Document Issue |
|-----|----------|-------------------------------|
| | 03/02/06 | REVIEW DOCUMENTS ISSUED |
| | 03/27/06 | BID DOCUMENTS ISSUED |
| | 04/14/06 | CONSTRUCTION DOCUMENTS ISSUED |

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| Designed | JLC |
| Drawn | JLC |
| Checked | G.M.H., S.C. |
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