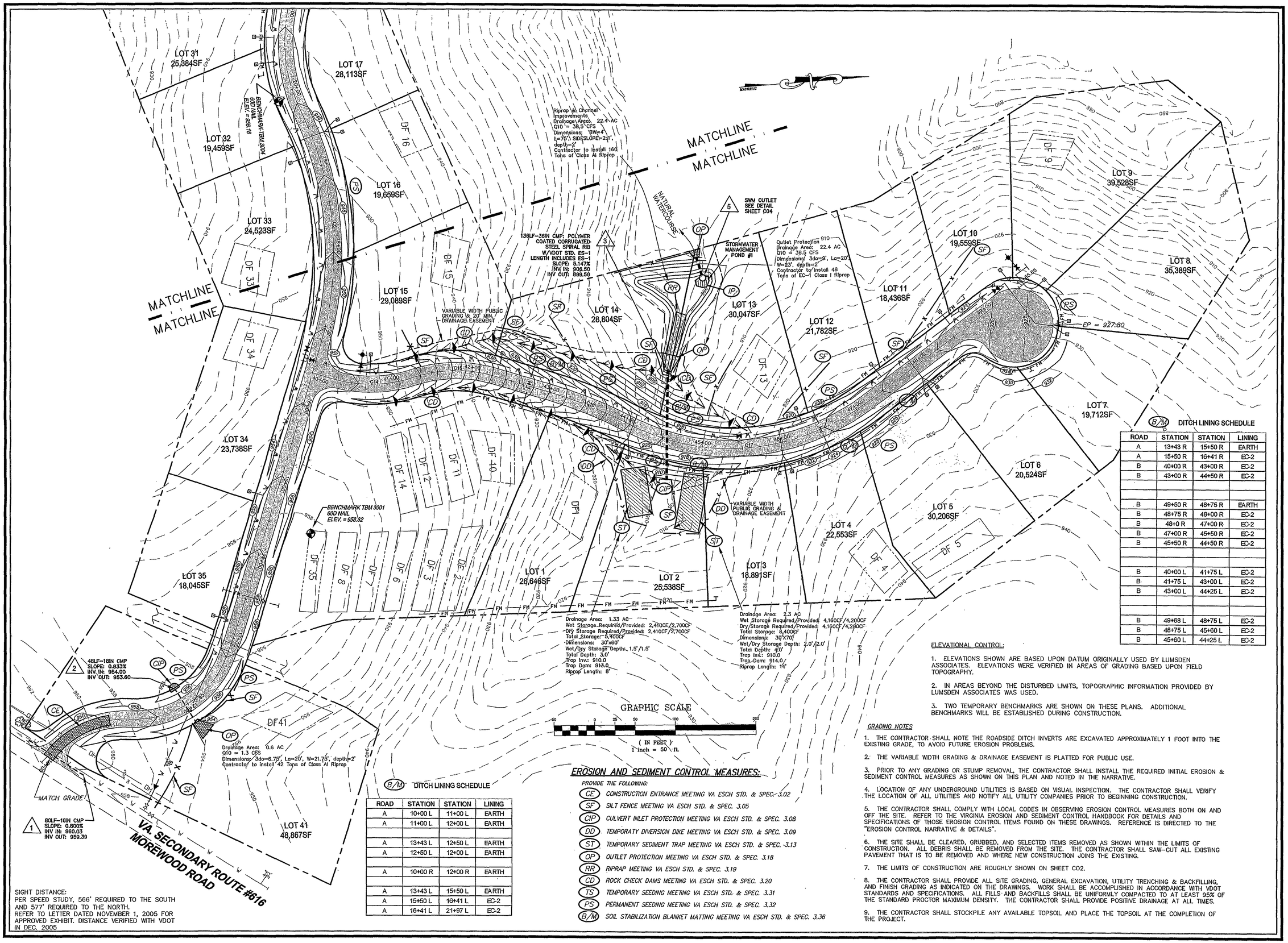

SIGHT DISTANCE:
PER SPEED STUDY, 566' REQUIRED TO THE SOUTH AND 577' REQUIRED TO THE NORTH.
REFER TO LETTER DATED NOVEMBER 1, 2005 FOR APPROVED EXHIBIT. DISTANCE VERIFIED WITH VDOT IN DEC. 2005

B/M DITCH LINING SCHEDULE

ROAD	STATION	STATION	LINING
A	10+00 L	11+00 L	EARTH
A	11+00 L	12+00 L	EARTH
A	13+43 L	12+50 L	EARTH
A	12+50 L	12+00 L	EARTH
A	10+00 R	12+00 R	EARTH
A	13+43 L	15+50 L	EARTH
A	15+50 L	16+41 L	EC-2
A	16+41 L	21+97 L	EC-2

B/M DITCH LINING SCHEDULE

ROAD	STATION	STATION	LINING
A	13+43 R	15+50 R	EARTH
A	15+50 R	16+41 R	EC-2
B	40+00 R	43+00 R	EC-2
B	43+00 R	44+50 R	EC-2
B	49+50 R	48+75 R	EARTH
B	48+75 R	48+00 R	EC-2
B	48+0 R	47+00 R	EC-2
B	47+00 R	45+50 R	EC-2
B	45+50 R	44+50 R	EC-2
B	40+00 L	41+75 L	EC-2
B	41+75 L	43+00 L	EC-2
B	43+00 L	44+25 L	EC-2
B	49+68 L	48+75 L	EC-2
B	48+75 L	45+60 L	EC-2
B	45+60 L	44+25 L	EC-2

EROSION AND SEDIMENT CONTROL MEASURES:

PROVIDE THE FOLLOWING:

- (CE) *CONSTRUCTION ENTRANCE MEETING VA ESCH STD. & SPEC. 3.02*
- (SF) *SILT FENCE MEETING VA ESCH STD. & SPEC. 3.05*
- (CIP) *CULVERT INLET PROTECTION MEETING VA ESCH STD. & SPEC. 3.08*
- (DD) *TEMPORATY DIVERSION DIKE MEETING VA ESCH STD. & SPEC. 3.09*
- (ST) *TEMPORARY SEDIMENT TRAP MEETING VA ESCH STD. & SPEC. 3.13*
- (OP) *OUTLET PROTECTION MEETING VA ESCH STD. & SPEC. 3.18*
- (RR) *RIPRAP MEETING VA ESCH STD. & SPEC. 3.19*
- (CD) *ROCK CHECK DAMS MEETING VA ESCH STD. & SPEC. 3.20*
- (TS) *TEMPORARY SEEDING MEETING VA ESCH STD. & SPEC. 3.31*
- (PS) *PERMANENT SEEDING MEETING VA ESCH STD. & SPEC. 3.32*
- (B/M) *SOIL STABILIZATION BLANKET MATTING MEETING VA ESCH STD. & SPEC. 3.36*

ELEVATIONAL CONTROL:

1. ELEVATIONS SHOWN ARE BASED UPON DATUM ORIGINALLY USED BY LUMSDEN ASSOCIATES. ELEVATIONS WERE VERIFIED IN AREAS OF GRADING BASED UPON FIELD TOPOGRAPHY.

2. IN AREAS BEYOND THE DISTURBED LIMITS, TOPOGRAPHIC INFORMATION PROVIDED BY LUMSDEN ASSOCIATES WAS USED.

3. TWO TEMPORARY BENCHMARKS ARE SHOWN ON THESE PLANS. ADDITIONAL BENCHMARKS WILL BE ESTABLISHED DURING CONSTRUCTION.

GRADING NOTES

1. THE CONTRACTOR SHALL NOTE THE ROADSIDE DITCH INVERTS ARE EXCAVATED APPROXIMATELY 1 FOOT INTO THE EXISTING GRADE, TO AVOID FUTURE EROSION PROBLEMS.

2. THE VARIABLE WIDTH GRADING & DRAINAGE EASEMENT IS PLATTED FOR PUBLIC USE.

3. PRIOR TO ANY GRADING OR STUMP REMOVAL, THE CONTRACTOR SHALL INSTALL THE REQUIRED INITIAL EROSION & SEDIMENT CONTROL MEASURES AS SHOWN ON THIS PLAN AND NOTED IN THE NARRATIVE.

4. LOCATION OF ANY UNDERGROUND UTILITIES IS BASED ON VISUAL INSPECTION. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.

5. THE CONTRACTOR SHALL COMPLY WITH LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF THE SITE. REFER TO THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK FOR DETAILS AND SPECIFICATIONS OF THOSE EROSION CONTROL ITEMS FOUND ON THESE DRAWINGS. REFERENCE IS DIRECTED TO THE "EROSION CONTROL NARRATIVE & DETAILS".

6. THE SITE SHALL BE CLEARED, GRUBBED, AND SELECTED ITEMS REMOVED AS SHOWN WITHIN THE LIMITS OF CONSTRUCTION. ALL DEBRIS SHALL BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL SAW-CUT ALL EXISTING PAVEMENT THAT IS TO BE REMOVED AND WHERE NEW CONSTRUCTION JOINS THE EXISTING.

7. THE LIMITS OF CONSTRUCTION ARE ROUGHLY SHOWN ON SHEET C02.

8. THE CONTRACTOR SHALL PROVIDE ALL SITE GRADING, GENERAL EXCAVATION, UTILITY TRENCHING & BACKFILLING, AND FINISH GRADING AS INDICATED ON THE DRAWINGS. WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH VDOT STANDARDS AND SPECIFICATIONS. ALL FILLS AND BACKFILLS SHALL BE UNIFORMLY COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DENSITY. THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES.

9. THE CONTRACTOR SHALL STOCKPILE ANY AVAILABLE TOPSOIL AND PLACE THE TOPSOIL AT THE COMPLETION OF THE PROJECT.

parker
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COMMONWEALTH OF VIRGINIA
SHELDON R. BOWER
No. 039439
5/10/06
PROFESSIONAL ENGINEER

The Reserve at Westlake
Prepared for CIR Developments
Gills Creek Magisterial District
Franklin County, Virginia

REVISIONS:
COUNTY COMMENTS MAY 10, 2006

DESIGNED BY:	SRB / PJB
DRAWN BY:	SRB / PJB
CHECKED BY:	SRB / PJB
SCALE:	1" = 50'
DATE:	February 22, 2006

SHEET TITLE:
Grading & Erosion Sediment Control Plan - Entrance

C06
06 OF 15
PROJECT NUMBER:
05-0031-02