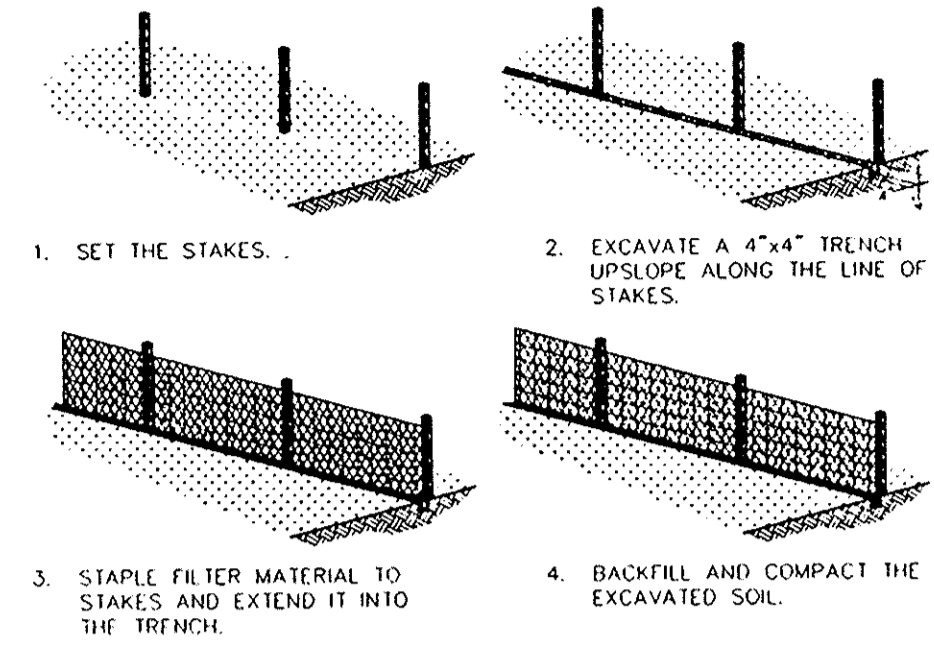


BENCHMARK:
 EXISTING INVERT (12" NW) SAN M.H. "T.A.L.X."
 TWINSBURG ROAD STA. 24+06.81, 25+68"RT.
 EX. INV. ELEV. 964.07-12"NW.

CURVE TABLE

CURVE#	RADIUS	LENGTH	CHORD	CHORD BEARING	DELTA ANGLE	TANGENT
(P.C. TO P.T.) C1	460.00	1045.95	834.71	N 28° 35' 55" W	130° 16' 0"	992.50
(PHASE 2) C2	460.00	145.28	155.76	N 57° 27' 21" E	85° 29' 54"	419.89
C3	460.00	680.56	620.17	N 52° 20' 32" W	84° 46' 5"	419.89
C4	460.00	150.05	161.08	N 57° 27' 21" E	17° 40' 5"	71.99
C5	460.00	350.00	341.62	N 48° 26' 53" W	43° 35' 41"	183.96
C6	460.00	180.52	187.20	N 87° 40' 24" W	23° 20' 52"	93.50
C7	300.00	233.78	227.91	N 85° 40' 24" E	44° 38' 13"	133.99
C8	100.00	54.62	52.68	N 90° 53' 01" E	87° 55' 41"	87.88
C9	150.00	353.43	277.16	S 87° 51' 17" E	135° 0' 0"	362.33



SILT FENCE DETAIL
 NO SCALE

SCALE: 1" = 60'

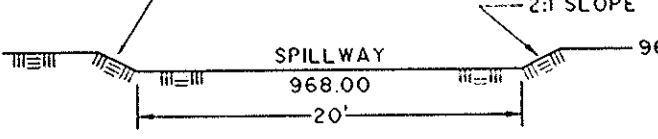
NOTE: ALL PRIVATE ROADWAY, DRIVEWAY AND SIDEWALK RECONSTRUCTION NECESSARY DUE TO PUBLIC STORM SEWER REPAIR OR REPLACEMENT SHALL BE THE SOLE RESPONSIBILITY OF THE BRANDYWINE PRESERVE HOMEOWNERS ASSOCIATION.

EROSION CONTROL GENERAL NOTES

1. THE EROSION CONTROL MEASURES DESCRIBED HEREIN ARE TYPICAL. THE CONTRACTOR SHALL USE THIS PLAN AS A GUIDE TO CONTROL EROSION. IN THE EVENT OF ADVERSE WEATHER CONDITIONS, ETC. ADDITIONAL MEASURES SHOULD BE TAKEN TO ESTABLISH AND MAINTAIN PROTECTIVE VEGETATION.
2. CONTINUOUS MAINTENANCE WILL BE REQUIRED AS NECESSARY UNTIL PERMANENT, STABLE VEGETATIVE COVER HAS BEEN ESTABLISHED AND EROSION HAS BEEN CONTROLLED. THIS INCLUDES BUT IS NOT LIMITED TO RESEEDING, MULCHING, EARTH FILLING, ETC.
3. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM WITH RESPECT TO AREAS EXPOSED AND TIME OF EXPOSURE. ALL TOPSOIL SHALL BE STOCKPILED. ALL AREAS TO BE DISTURBED FOR OVER TWO WEEKS (INCLUDING STOCKPILED TOPSOIL) SHALL BE SEEDING WITH PERENNIAL RYEGRASS OR EQUAL.
4. TEMPORARY EROSION CONTROL SHALL CONFORM TO O.D.O.T. ITEM 207, TEMPORARY SOIL EROSION AND SEDIMENT CONTROL, AS TYPED ON THE PLAN.
5. THE ESTABLISHMENT OF PERMANENT GROUND COVER SHALL CONFORM TO O.D.O.T. ITEM 659, SEEDING AND MULCHING.
6. IF SMALL RILLS OR GULLIES DEVELOP, TEMPORARY DIVERSIONS OF EARTH FALL OR STRAW BALES SHOULD BE INSTALLED UNTIL SATISFACTORY SEEDING IS ESTABLISHED.
7. TO ASSIST IN EROSION CONTROL, ALL TREES AND VEGETATION OUTSIDE OR GRADED AREAS SHALL REMAIN.
8. TEMPORARY STRAW BALE SEDIMENT CONTROL DIKES SHALL BE PER DETAIL ON PLAN. SILT FENCE FABRIC SHALL BE EXXON GTF-100S OR APPROVED EQUAL.
9. ADJACENT ROADS SHALL BE KEPT FREE OF DIRT AND DEBRIS AT ALL TIMES.
10. ALL EROSION CONTROL PRACTICES MUST MEET THE STANDARDS AND SPECIFICATIONS OF THE OHIO RAINWATER AND LAND DEVELOPMENT MANUAL.
11. ALL S.W.P.P. ITEMS MUST BE INSTALLED PRIOR TO ANY EARTH MOVING OPERATIONS.
12. ALL DITCHES WITH GRADES OVER 15% SHALL HAVE EROSION CONTROL BLANKETS APPLIED.
13. OTHER EROSION CONTROL ITEMS MAY BE NECESSARY DUE TO ENVIRONMENTAL CONDITIONS.
14. REGULAR INSPECTION AND MAINTENANCE WILL BE PROVIDED FOR ALL EROSION CONTROL PRACTICES. PERMANENT RECORDS OF MAINTENANCE AND INSPECTIONS MUST BE MAINTAINED THROUGHOUT CONSTRUCTION. INSPECTIONS MUST BE MADE A MINIMUM OF ONCE EVERY 7 DAYS AND IMMEDIATELY AFTER STORM EVENTS GREATER THAN 0.5 INCHES IN A 24 HOUR PERIOD. PROVIDE NAME OF INSPECTOR, MAJOR OBSERVATIONS, DATE OF INSPECTION, CERTIFICATION OF COMPLIANCE AND CORRECTIVE MEASURES TAKEN.
15. NO SOLID OR LIQUID WASTE SHALL BE DISCHARGED INTO STORM WATER RUNOFF.
16. THE ORIGINAL NOTICE OF INTENT SHALL INCLUDE ALL INDIVIDUAL BUILDING UNITS SINCE THE SITE DEVELOPER IS ALSO THE BUILDER. ANY UNITS CONSTRUCTED BY ANYONE OTHER THAN THE DEVELOPER AND/OR HIS AGENT SHALL BE RESPONSIBLE TO FILE AN INDIVIDUAL LOT NOTICE OF INTENT FOR EACH BUILDING CONSTRUCTED.
17. SEDIMENT POND(S) TRAPS AND PERIMETER CONTROLS SHALL BE IMPLEMENTED AS A FIRST STEP OF GRADING AND WITHIN 7 DAYS OF GRUBBING AND SHALL CONTINUE TO FUNCTION UNTIL UPLAND AREAS ARE STABILIZED.
18. DISTURBED AREAS WHICH WILL REMAIN UNWORKED FOR A PERIOD OF 45 DAYS OR MORE, SHALL BE STABILIZED WITH SEEDING AND MULCHING OR OTHER APPROPRIATE MEANS WITHIN 7 DAYS.
19. OFF-SITE VEHICLE TRACKING OF SEDIMENT SHALL BE MINIMIZED. CONSTRUCTION VEHICLES ARE LIMITED TO THE CONSTRUCTION ACCESS ROADS) NOTED ON THE PLAN.

RETENTION POND SUMMARY

- MINIMUM BOTTOM ELEVATION + 956.00
- STATIC WATER ELEVATION + 965.00 AT H.W.-1-3
- MINIMUM TOP ELEVATION + 969.00
- MINIMUM TOP WIDTH + 8'
- EMERGENCY OVERFLOW ELEV. + 967.50 (AT C.B. NO. 15 WINDOW)
- EMERGENCY SPILLWAY ELEV. + 968.00 (20' WIDE - SEE DETAIL)
- 4' POND BANKS (17P)
- SEED & MULCH BANKS PER O.D.O.T. ITEM 659
- EMBANKMENT COMPACTION PER O.D.O.T. ITEM 203



RETENTION POND EMERGENCY OVERFLOW SECTION

NOTE: RETENTION POND SHALL BE USED AS A TEMPORARY SEDIMENTATION BASIN. BOTTOM ELEVATION OF 956 INCLUDES A MINIMUM OF 67 C.Y. OF SEDIMENT STORAGE PER ACRE OF DRAINAGE AREA. FINAL BOTTOM ELEVATION WILL BE SLIGHTLY HIGHER UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.

FLOOD ZONE A - 100 YEAR PER F.E.M.A. MAP COMMUNITY PANEL NO. 390781 0005 B - APRIL 15, 1981 SUMMIT COUNTY UNINCORPORATED AREAS

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VOID SEE 36 124A

KEY MAP / GRADING / STORM WATER POLLUTION PREVENTION PLAN

36 124