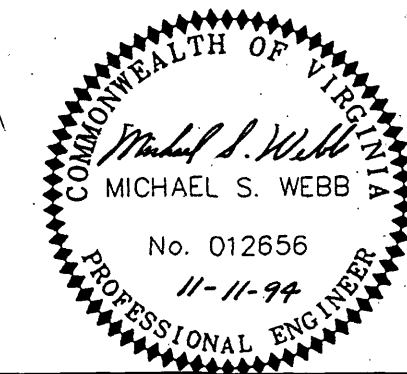


NOTES:

1. TOPSOIL AND ORGANICS SHALL BE REMOVED FROM FILL AREAS. THE EXPOSED SURFACE SHALL BE PROOF-ROLLED TO CHECK FOR SOFT SPOTS OR OTHER DEFICIENCIES. THE EXPOSED SURFACE SHALL BE EXAMINED BY THE ENGINEER PRIOR TO THE PLACEMENT OF ANY FILL.
2. ALL FILL SHALL BE PLACED IN EIGHT INCH LIFTS AND COMPACTED TO AT LEAST 95% STANDARD PROCTOR.
3. ESTIMATED EARTHWORK QUANTITIES:
EXCAVATION TO ELEVATION 1084.0 - 119,470 C.Y.
EXCAVATION FROM ELEVATION 1084.0 TO ELEVATION 1077.0 - 84,670 C.Y.
TOTAL EXCAVATION - 204,140 C.Y.
ON SITE FILL - 158,125 C.Y.
4. THE CONTRACTOR SHALL TRANSPORT, PLACE AND COMPACT, APPROXIMATELY 10,000 C.Y. OF FILL TO THE ORVIS SITE. A DISTANCE OF APPROXIMATELY 0.9 MILES. THE CITY SHALL FURNISH A GRADING PLAN FOR THIS WORK AT A LATER DATE. THIS WORK SHALL BE COORDINATED WITH THE CITY ENGINEER.
5. THE ABOVE QUANTITIES ARE PROVIDED FOR THE CONTRACTORS CONVENIENCE ONLY, AND SHOULD BE INDEPENDENTLY VERIFIED. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THESE QUANTITIES.
6. THE GRADING SHOWN HEREON TOGETHER WITH THE ORVIS FILL, IS INTENDED TO PRODUCE A BALANCED SITE AND MAY BE MODIFIED IN THE FIELD AS REQUIRED AND APPROVED BY THE ENGINEER.
7. BENCHMARK - CITY OF ROANOKE GPS MONUMENT "BLUE" LOCATED AT THE NORTHWEST INTERSECTION OF BLUE HILLS DRIVE AND BLUE HILLS CIRCLE. ELEVATION 1097.60.



REVISION		DATE	DESCRIPTION
DESIGNED		KLR	GRADING AND STORM DRAINAGE PLAN FOR R.C.I.T. ADDITION, PHASE II
DRAWN		PVR	PREPARED FOR CITY OF ROANOKE, VIRGINIA
CHECKED		MSW	ROANOKE, VIRGINIA
LUMSDEN ASSOCIATES, P.C. ENGINEERS-SURVEYORS-PLANNERS ROANOKE, VIRGINIA			SCALE: 1" = 30' DATE: 11 NOV 1994 COMM: 94-444B SHEET 2 of 10