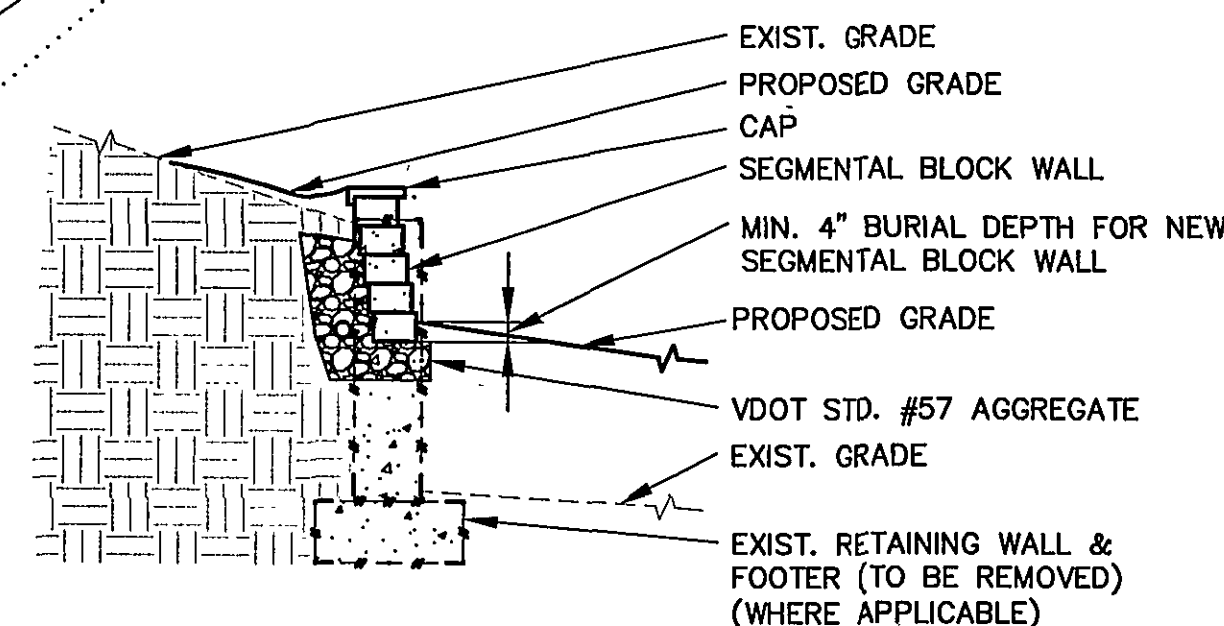
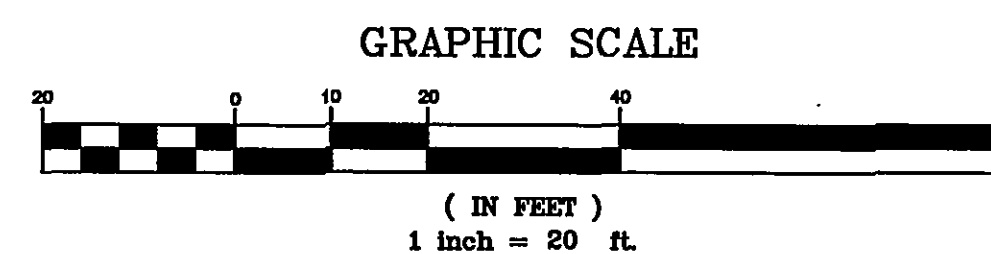


NOTES:

- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
- THE APPROVING AUTHORITY MAY ADD, DELETE, RELOCATED, CHANGE OR OTHERWISE MODIFY CERTAIN EROSION AND SEDIMENT CONTROL MEASURES WHERE FIELD CONDITIONS ARE ENCOUNTERED THAT WARRANT SUCH MODIFICATIONS.
- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
- CONTROL MEASURES AS SHOWN ON THE PLAN SHALL BE PLACED IN ADVANCE OF THE WORK BEING PERFORMED, AS FAR AS PRACTICAL.
- IN NO CASE DURING CONSTRUCTION SHALL WATER RUNOFF BE DIVERTED OR ALLOWED TO FLOW TO LOCATIONS WHERE ADEQUATE PROTECTION HAS NOT BEEN PROVIDED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LEAVE THE SITE ADEQUATELY PROTECTED AGAINST EROSION, SEDIMENTATION, OR ANY DAMAGE TO ADJACENT PROPERTY AT THE END OF EACH DAY'S WORK.
- FOR THE EROSION CONTROL KEY SYMBOLS SHOWN ON THE PLANS, REFER TO THE VIRGINIA UNIFORM CODING SYSTEM FOR EROSION AND SEDIMENT CONTROL PRACTICES CONTAINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION. GROUND RADIAL SYSTEM IS LOCATED UNDER SITE. CONTACT WPIR (JOSH ARMIT 529-2175) BEFORE DIGGING (SEE RADIAL SYSTEM SPLICE DETAIL-SHT. 8).



NEW RETAINING WALL DETAIL
NTS



DEPTH OF BURY		
DESCRIPTION	FURTHEST ISLAND	LOWEST ISLAND
1. ELEVATION AT TOP OF ISLAND	942.75	942.65
2. PIPING FALL = $[(L) \times \frac{1}{8} \text{ PER FT.}]$ = $[(L) \times .0208]$ WHERE L1 = 170 FT. L2 = 45 FT.	L1	L2
3. PUMP ISLAND COND. DRIVE SLAB PIPE COVER PIPE DIAMETER TANK CONNECTIONS	6 IN 6 IN 8 IN 3 IN 10 IN	
TOTAL =	33 IN	2.75 FT. 2.75 FT.
4. GRADE DIFFERENTIAL (#2 - #3) = #4	4.55 FT.	3.25 FT.
5. TOP OF TANKS = TOP OF ISLAND - GRADE DIFFERENTIAL	938.20	939.40
6. TOP OF TANKS (LOWEST POINTS)	938.2	T.O.T.
7. TOP OF SLAB ELEV. ABOVE TANKS (@ LOWEST ELEVATION)	941.30	
8. DEPTH OF BURY = #7 - #6	3.10 FT.	

#8 < 5FT. - TOP OF TANKS 941.30-5.00 = 936.30

E&S LEGEND:

- | | | | |
|------|------------------------------|-------|---------------------------------------|
| (CE) | 3.02 CONSTRUCTION ENTRANCE | (TS) | 3.31 TEMPORARY SEEDING |
| (SF) | 3.05 SILT FENCE | (RWD) | 3.11 TEMPORARY RIGHT-OF-WAY DIVERSION |
| (IP) | 3.07 INLET PROTECTION | (MU) | MULCHING |
| (ST) | 3.13 TEMPORARY SEDIMENT TRAP | TOI | TOP OF ISLAND |
| (PS) | 3.32 PERMANENT SEEDING | TOF | TOP OF FOOTER |
| | | TOT | TOP OF TANK |

City of Roanoke
Planning Building and Development

APPROVED

F.R. #1
George W. W. 10-06-08
Development Reviewer Date

APPROVED
OCT 06 2008

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LMW
Engineering
Architecture
Landscape Design

**KROGER R-400
FUEL CENTER INSTALLATION
CITY OF ROANOKE, VIRGINIA**

CHW	CHW	CHW	CHW	BY
10/01/08	08/08/08	08/08/08	08/08/08	
PER ROANOKE CITY COMMENTS	PER ROANOKE CITY COMMENTS	PER ROANOKE CITY COMMENTS	PER ROANOKE CITY COMMENTS	
NO.	DATE	DESCRIPTION	NO.	DATE
3	10/01/08	PER ROANOKE CITY COMMENTS	1	08/08/08
2	08/08/08	PER ROANOKE CITY COMMENTS	2	08/08/08
1	08/08/08	PER ROANOKE CITY COMMENTS	1	08/08/08

GRADING, EROSION & SEDIMENT CONTROL PLAN	
Designed By	RCW
Drawn By	MCP
Checked By	RCW
Approved By	RCW
Submitted By	RCW
Drawing	1997D
Date	03/03/08
Scale	NONE
Commission No.	1997D
Sheet	7 of 12