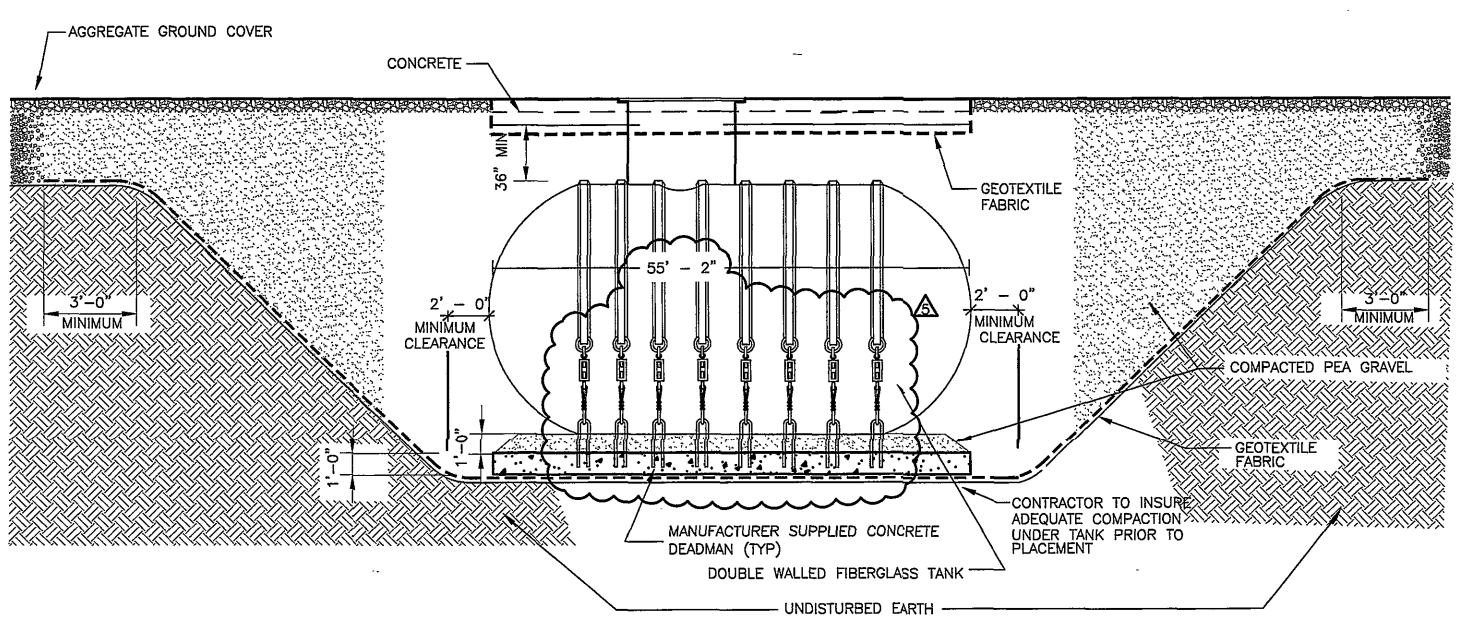
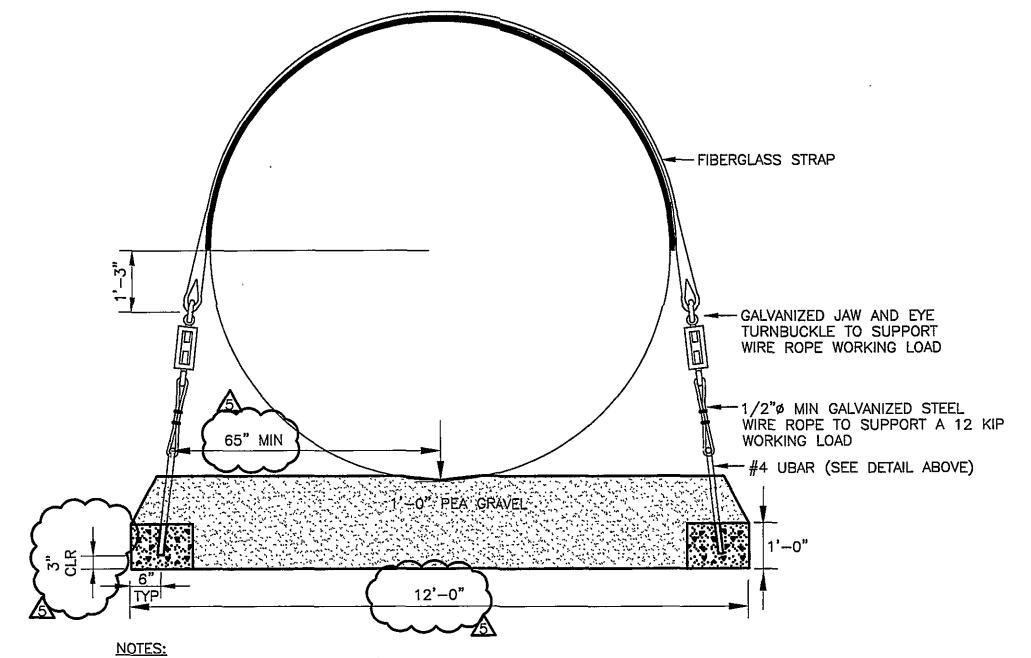
30,000 GAL. RAINWATER CISTERN TANK DETAIL - END VIEW



30,000 GAL. RAINWATER CISTERN TANK DETAIL - LATERAL VIEW



- NOTES:

 1. REFER TO TANK MANUFACTURER'S SHOP DRAWINGS AND INSTALLATION INSTRUCTIONS TO CONFIRM ANCHOR/DEADMAN PLACEMENT.
- 2. GALVANIZED WIRE ROPE CLIPS AND GALVANIZED THIMBLES ARE TO BE USED AT EACH WIRE ROPE CONNECTION POINT, CONFIGURED TO SUPPORT THE WORKING LOAD OF THE WIRE ROPE.

 3. AFTER TANK INSTALLATION, ADJUST TURN BUCKLES TO EQUALIZE TENSION ON BOTH SIDES.

TANK ANCHOR DETAIL

NOT TO SCALE

- 1. REFER TO TANK MANUFACTURER'S SHOP DRAWING AND INSTALLATION INSTRUCTIONS
 FOR LOCATION OF MANWAYS FITTING, AND ANCHOR POSITIONING.
- DO NOT INSTALL CONDUIT OVER TANK AREA EXCEPT FOR INSTALLATION OF TANK SENSORS.
 DETERMINE THE REQUIRED SLOPE OF EXCAVATION WALLS BASED ON SOIL CONDITIONS AND THE TANK MANUFACTURER'S RECOMMENDATIONS.
- 4. TANKS MUST BE INSTALLED WITHIN 1/2" OF LEVEL & PLUMB.
- 5. COVER ANY EXPOSED REINFORCING BAR, ANCHOR PLATES OR CONCRETE EDGES AND CORNERS DURING TANK INSTALLATION PROCESS WITH TIRE RUBBER OR STYROFOAM INSULATION.
- 6. PROVIDE MANHOLE COVER FOR MANWAY THAT HAS A DIAMETER GREATER THAN THE MANWAY CONTAINMENT SUMP AND THAT DOES NOTE BEAR ON SUMP.

NOTES THIS SHEET:

 SEE SHEET COO1 FOR SITE NOTES. SEE SHEET COO2 FOR SITE LEGEND AND COORDINATE TABLE. HSMM

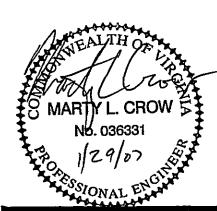
ARCHITECTS ENGINEERS PLANN

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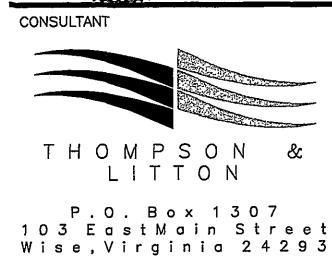
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Security/Detention Consultant
Cookeville, Tennessee

WESTERN VIRGINIA REGIONAL JAIL

WESTERN VIRGINIA
REGIONAL JAIL AUTHORITY
ROANOKE COUNTY, VIRGINIA

REV	DATE	DESCRIPTION
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5	01/29/07	GENERAL REVISIONS
	-	
		

COMM NO: 10075

ISSUE DATE: FEBRUARY 1, 2007

DESIGNED BY: MDD DRAWN BY: REM
CHECKED BY: JAM SUBMITTED BY: JMC
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CIVIL

RAINWATER CISTERN ANCHORING DETAILS

C505

10' 5' 0

M:\10000SERIES\10075\CADD\DWG\FJ4C_N_0505.DWG 10075 01/26/2007 10:04:52 TERRY GUMP HSMM-Full.ctb RF: fj4c_nxndt,fj4g_nxbrdr,NONE

1"=10'

GRAPHIC SCALES