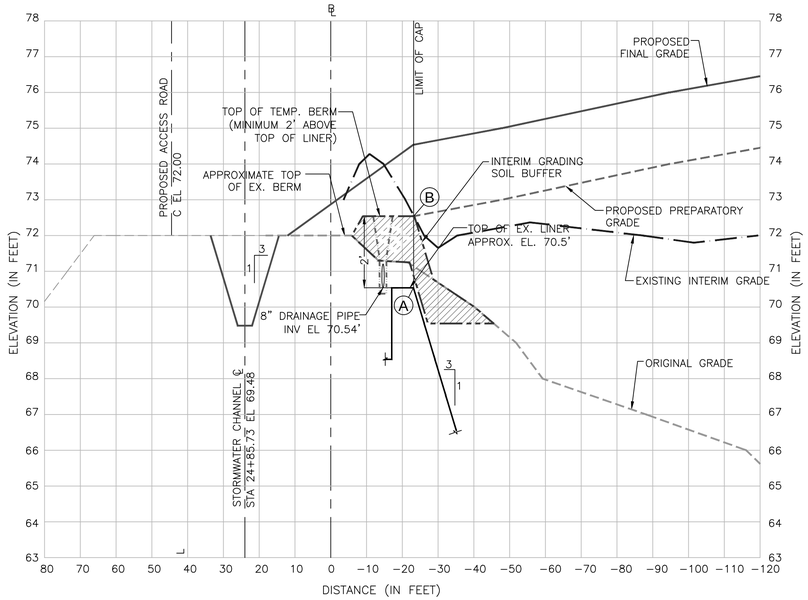
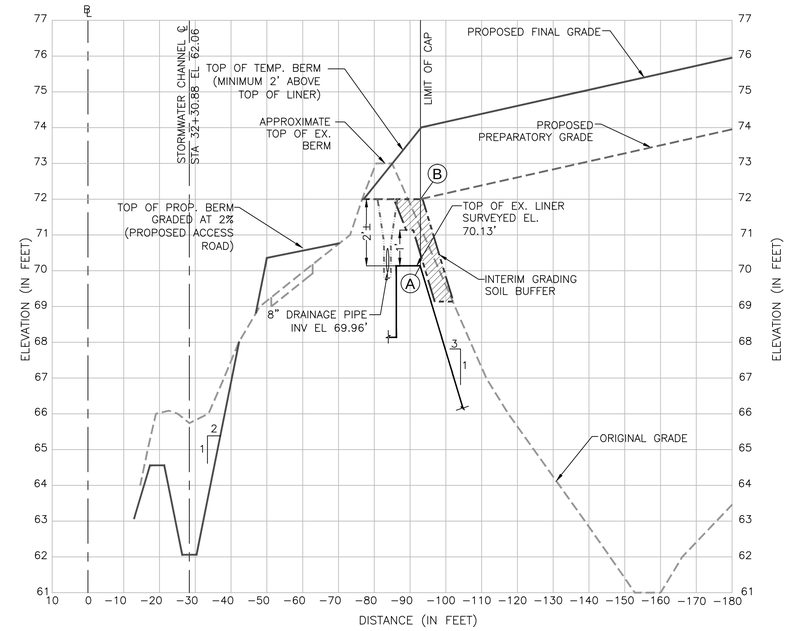


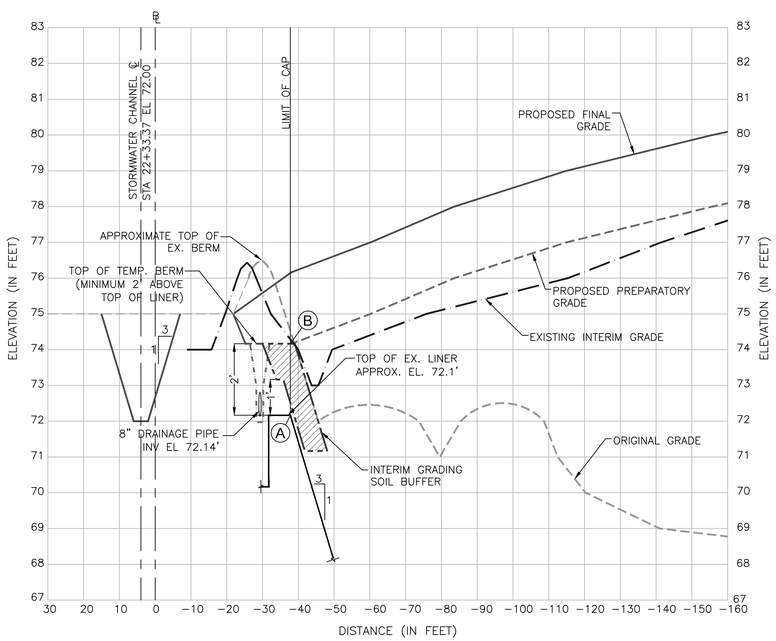
SECTION
STA. 26+55

SCALE: HORIZ: 1"=20'
VERT: 1"=2'



SECTION
STA. 35+00

SCALE: HORIZ: 1"=20'
VERT: 1"=2'



SECTION
STA. 24+05

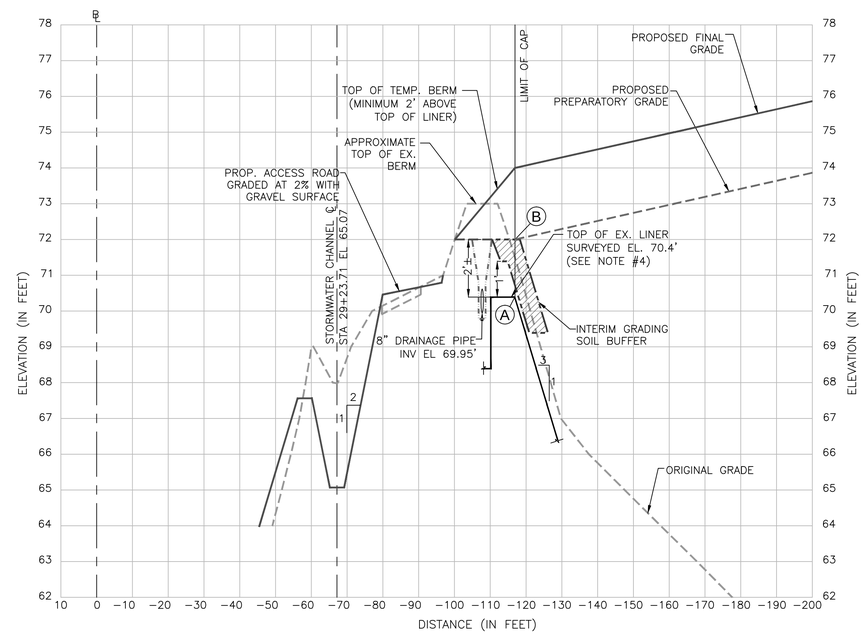
SCALE: HORIZ: 1"=20'
VERT: 1"=2'

LEGEND:

- PROPOSED FINAL GRADE
- PROPOSED PREPARATORY GRADE
- EXISTING INTERIM GRADE
- ORIGINAL GRADE
- INTERIM GRADING SOIL BUFFER
- APPROXIMATE LIMIT OF DRAIN TRENCH EXCAVATION (SEE NOTE 3)
- (A) TOP OF EXISTING LINER
- (B) PROPOSED TIE-IN OF FILL SURFACE TO TOP OF BUFFER

NOTES:

1. SEE DRAWINGS C-23 AND C-24 FOR BASELINE SHOWING CROSS-SECTION STATION LOCATIONS.
2. SEE DRAWING C-61 FOR FILL PLACEMENT AND DAILY COVER REQUIREMENTS.
3. BACKFILL DRAIN TRENCH WITH STONE AS SHOWN IN THE TYPICAL SECTIONS ON SHEET C-62.
4. CONTRACTOR SHALL CONFIRM ACTUAL OUTSIDE EDGE OF TOP OF LINER AT 50-FOOT INTERVALS PRIOR TO START OF TRENCH EXCAVATION AND SHIFT PERIMETER DRAIN LOCATION AS NECESSARY.
5. ALL CAP DRAINS SHALL BE INSTALLED TO PROMOTE DRAINAGE OF CALCULATED WATER FROM THE CAP. BECAUSE THE CAP ALONG THE NORTH SIDE OF THE LANDFILL IS AT A CONSISTENT ELEVATION, IT WILL BE NECESSARY TO INSTALL THE PIPE WITH MULTIPLE OUTLETS FORMING A VERTICAL "HERRINGBONE" LAYOUT WITH OUTLET DRAINS AT THE LOW POINTS. (SEE DETAIL ON SHEET C-62)



SECTION
STA. 32+00

SCALE: HORIZ: 1"=20'
VERT: 1"=2'

REVISIONS

NO.	BY	CHKD	DATE	DESCRIPTION
1				
2				
3				
4				
5	SMS	CWK	10/30/07	REVISED TO ADDRESS DNREC COMMENTS
6	SMS	JAC	02/02/06	SUBMITTED WITH CLOSURE PLAN FOR DNREC REVIEW

WARNINGS

0 0.5 1.0
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

IF THE SEAL ON THIS PLAN IS NOT RED OR RAISED THEN THIS PLAN MAY HAVE BEEN ALTERED AND RECOPIED. ORIGINAL SEALS ARE STAMPED IN RED INK OR EMBOSSED WITH A CRIMPING SEAL.

PLANS ISSUED BY:

URS

335 COMMERCE DRIVE, STE 300
FORT WASHINGTON, PA 19034
TEL: (215) 367-2500
FAX: (215) 367-1000

		DATE
DESIGNED BY:	ETS	04/05/05
DRAWN BY:	SMS	02/02/06
CHECKED BY:	PJD	10/30/07
APPROVED BY:	JAC	10/30/07
CLIENT APPROVED BY:		

DELAWARE CITY REFINERY
INDUSTRIAL WASTE LANDFILL CLOSURE

COVER SYSTEM TERMINATION
CROSS-SECTIONS (SHEET 3 OF 4)

JOB NO.	SCALE:
20240421	AS SHOWN
ORIGINAL DATE: 04/05/05	LAST REVISED: 10/30/07
REV 1	
DRAWING NO. C-52	

Aug 31, 2005 - 11:08:08 DWG Name: K:\20240421-Motiva_IWL\Working Dwgs\C30 C31 Xsect.dwg Updated By: smalhard0