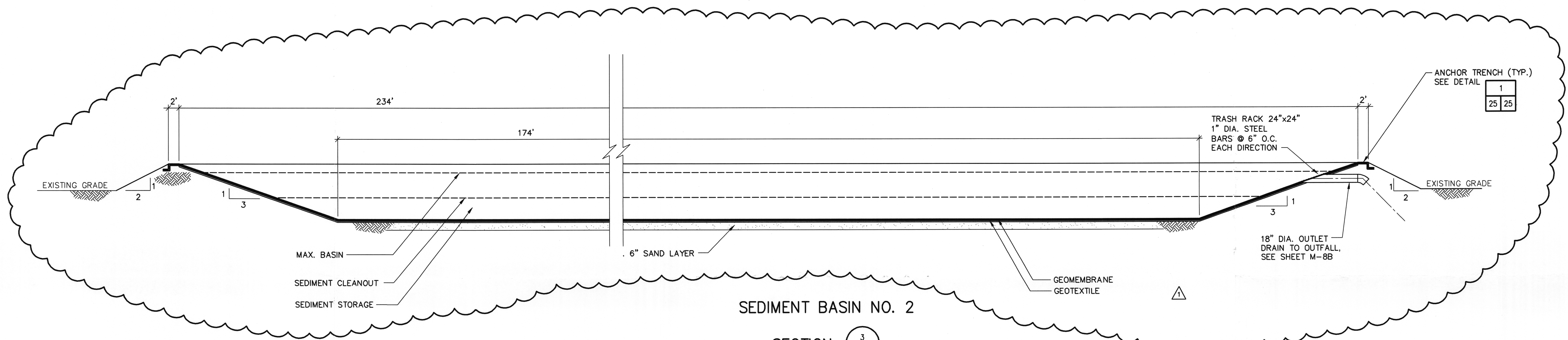
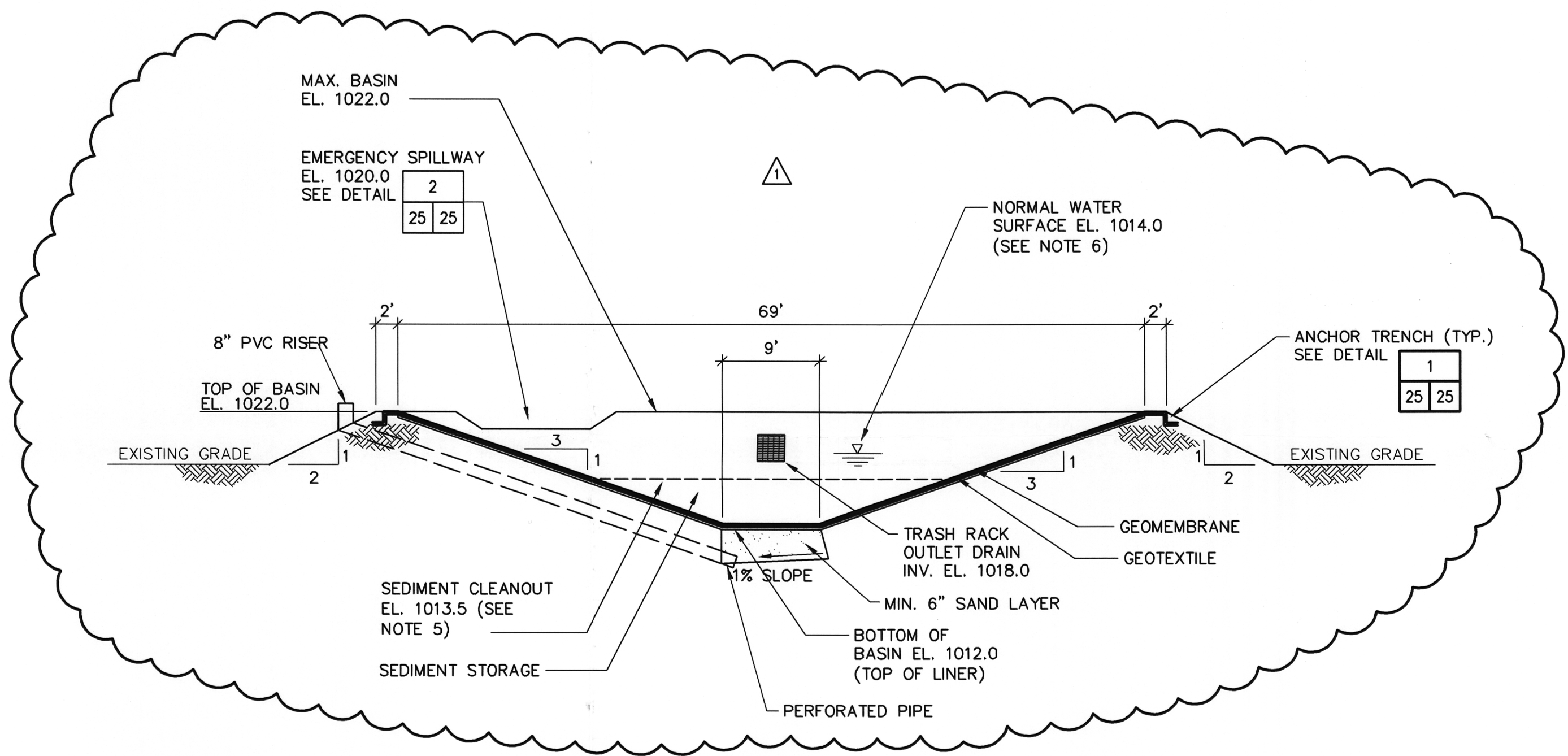


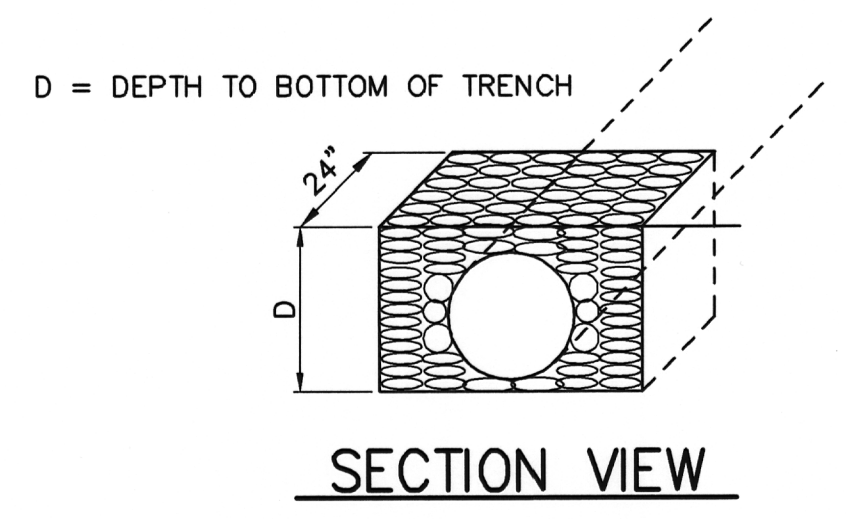
XREFS: \\VACAD\PROJ\4812014\PERMIT CHANGE-2-27-06-XREF\4812BDR.dwg IMAGES:None
 User: WELSHANS Spec: PIRNIE STANDARD File: \\VACAD\PROJ\4812014\PERMIT CHANGE-2-27-06-M-26.DWG Scale: 1:1 Date: 03/01/2006 Time: 08:47 Layout: Layout1



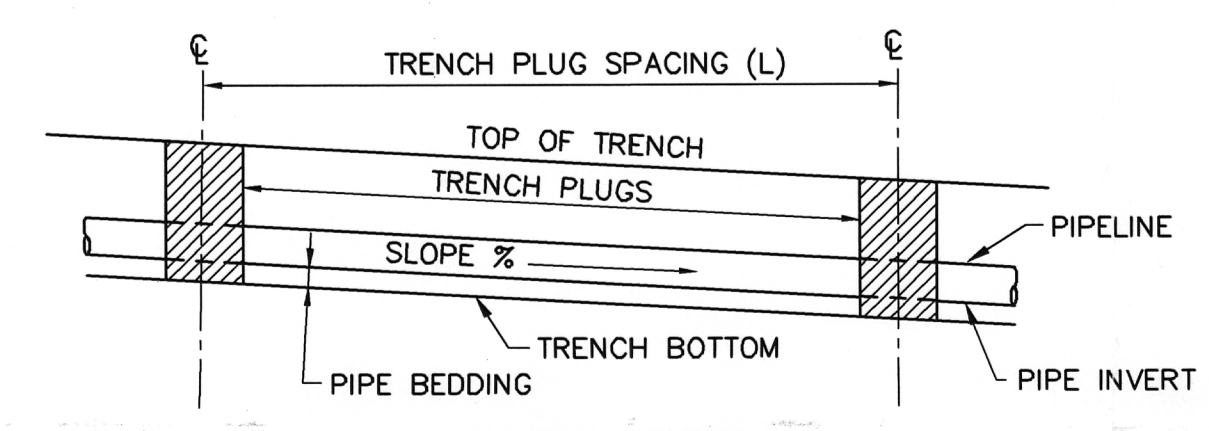
SEDIMENT BASIN NO. 2
 SECTION 3
18 26
 SCALE: 1" = 10'



SEDIMENT BASIN NO. 2
 SECTION 2
17 24
 SCALE: 1" = 10'



SECTION VIEW

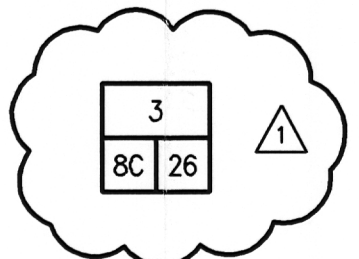


ELEVATION

REQUIRED SPACING (L) AND MATERIALS FOR TRENCH PLUGS		
TRENCH SLOPE (%)	L (FEET)	PLUG MATERIAL
0 - 15	*	*
5 - 15	500	**EARTH FILLED SACKS
15 - 25	300	**EARTH FILLED SACKS
25 - 35	200	**EARTH FILLED SACKS
35 - 100	100	**EARTH FILLED SACKS
OVER 100	50	CEMENT FILLED BAGS, (WETTED), OR MORTARED STONE

* TRENCH PLUGS ARE REQUIRED AT ALL STREAM, RIVER, OR WATER-BODY CROSSINGS REGARDLESS OF TRENCH SLOPE. OTHERWISE NOT REQUIRED.
 ** TOPSOIL MAY NOT BE USED TO FILL SACKS.

TRENCH PLUG DETAIL
 NOT TO SCALE



NOTES:

- CONTRACTOR SHALL MAINTAIN WATER ELEVATION AT OR BELOW NORMAL WATER ELEVATION FOLLOWING ALL RAIN EVENTS.
- SEDIMENT WITHIN THE BASIN SHALL NOT EXCEED SEDIMENT CLEANOUT ELEVATION. CONTRACTOR SHALL UTILIZE VACUUM SYSTEM AS APPROVED BY REMEDIATION CONSTRUCTION MANAGER FOR ALL SEDIMENT CLEANOUT OPERATIONS.
- CONTRACTOR SHALL STAGE FILLER BAGS ON AREA SHOWN. ALL STORMWATER SHALL BE PUMPED THROUGH FILLER BAGS PRIOR TO STORAGE IN SEDIMENT BASINS.
- CONTRACTOR SHALL INSTALL A MINIMUM OF 3 PERFORATED PIPES WITHIN THE SAND LAYER ON THE DOWN GRADIENT SIDE OF BASIN. INSTALL RISER SECTION TO EXTEND UP SIDE SLOPE. PUMP GROUNDWATER AS NECESSARY TO RELIEVE HYDROSTATIC PRESSURE. ALL COLLECTED GROUNDWATER UNDER SEDIMENT BASINS SHALL BE PUMPED TO AND TREATED IN THE CONTACT WATER TREATMENT SYSTEM.
- CONTRACTOR SHALL DEMARCATATE SEDIMENT CLEANOUT LINE AROUND PERIMETER OF BASIN USING REMEDIATION CONSTRUCTION MANAGER APPROVED WATER PROOF MARKING MATERIAL.
- CONTRACTOR SHALL PUMP SEDIMENT BASINS FOLLOWING ALL RAIN EVENTS AT A MINIMUM FLOW RATE OF 1,000 G.P.M.
- LEVEL IN UNDERDRAIN RISER PIPE WILL BE CHECKED DAILY. CONTRACTOR SHALL PUMP DOWN SO THAT PRESSURE ON LINER DOES NOT DEVELOP.

D-22



REVISIONS			
NO.	BY	DATE	REMARKS
1	TCS	11/15/05	REVISED PER POST BID CHANGE
2	TCS	02/27/06	REVISED PER PERMIT CHANGE

DES BEG
 DWN TCS
 CKD KRM

MOLYCORP, INC
 WASHINGTON, PA
SITE REMEDIATION CONSTRUCTION

BEST MANAGEMENT PRACTICE DETAILS

SCALE: AS NOTED

COPYRIGHT © 2005
 MALCOLM PIRNIE, INC.
 DATE JUNE 2005
 M SHEET 26 OF 46
 CAD REF. NO. M-26