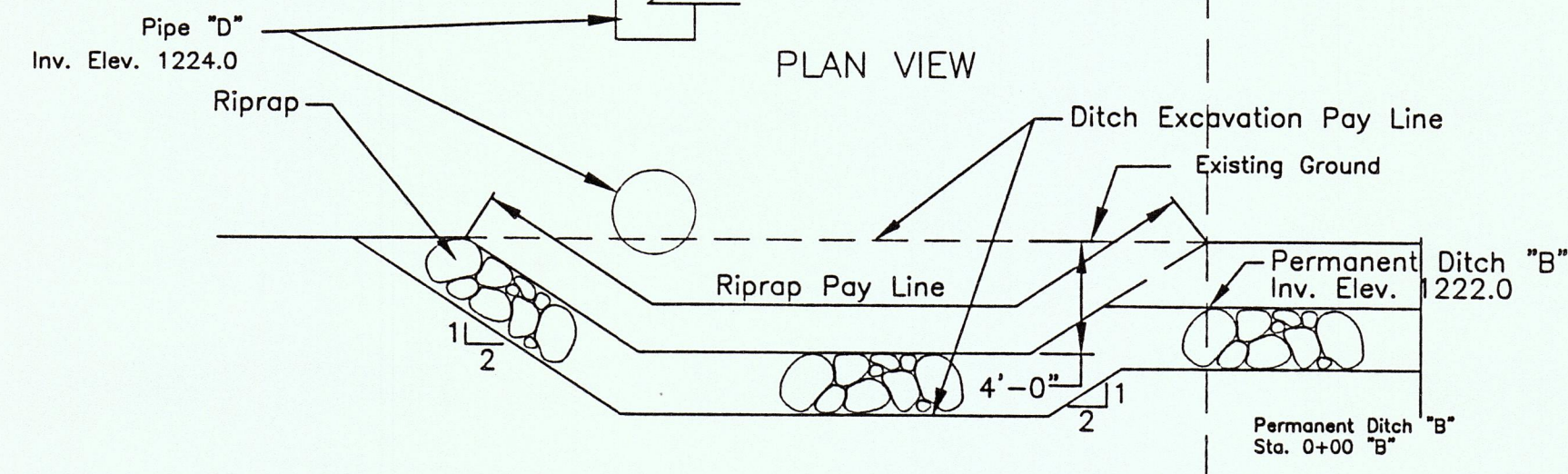
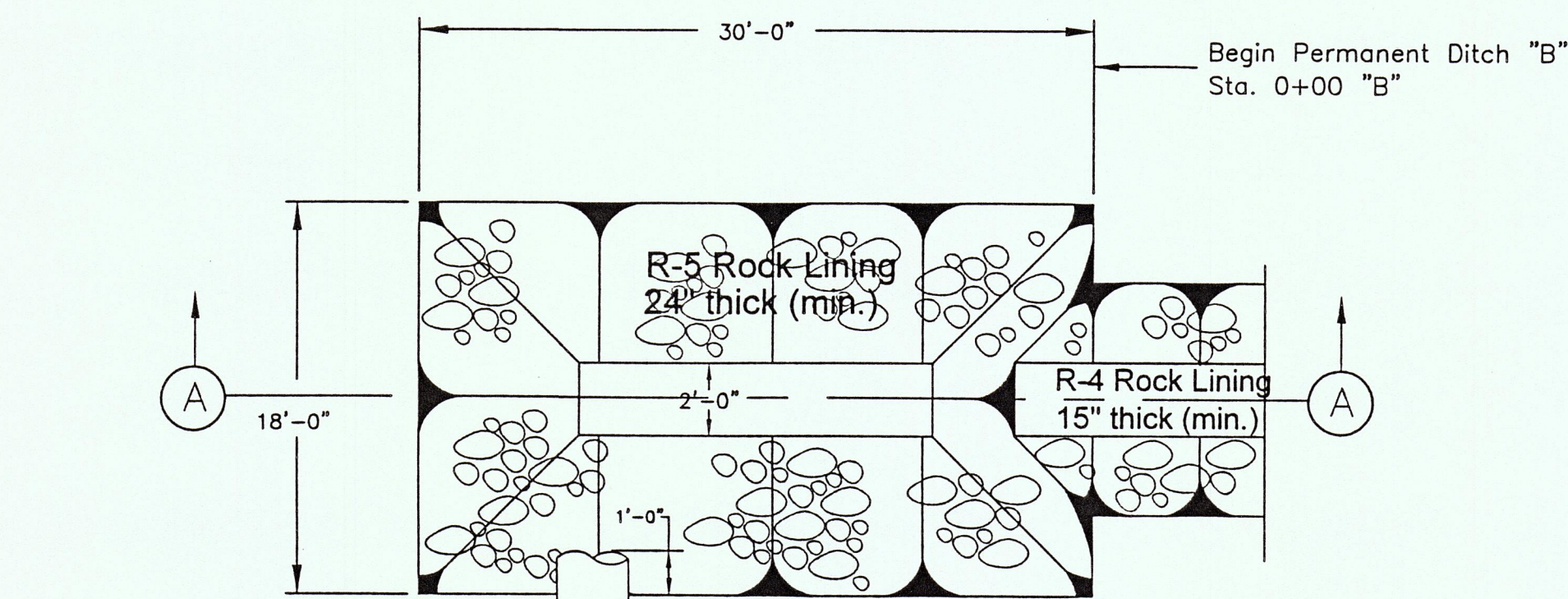
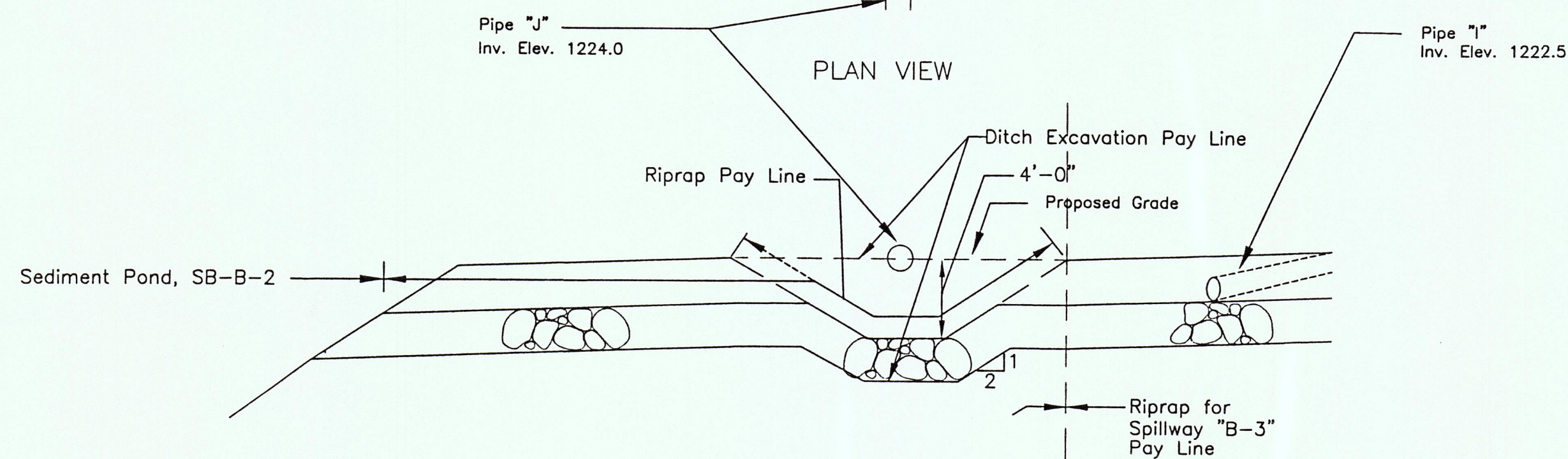
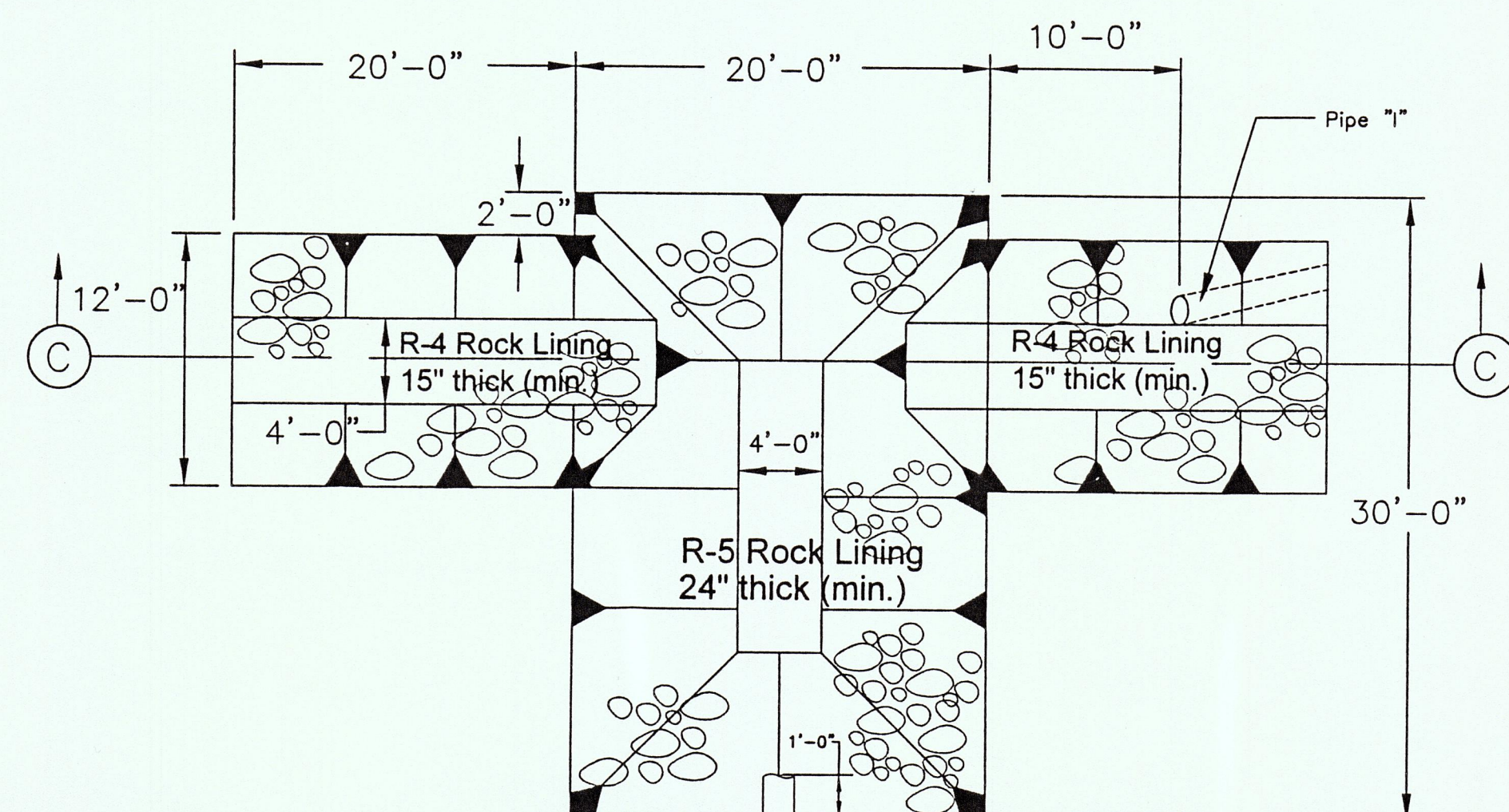
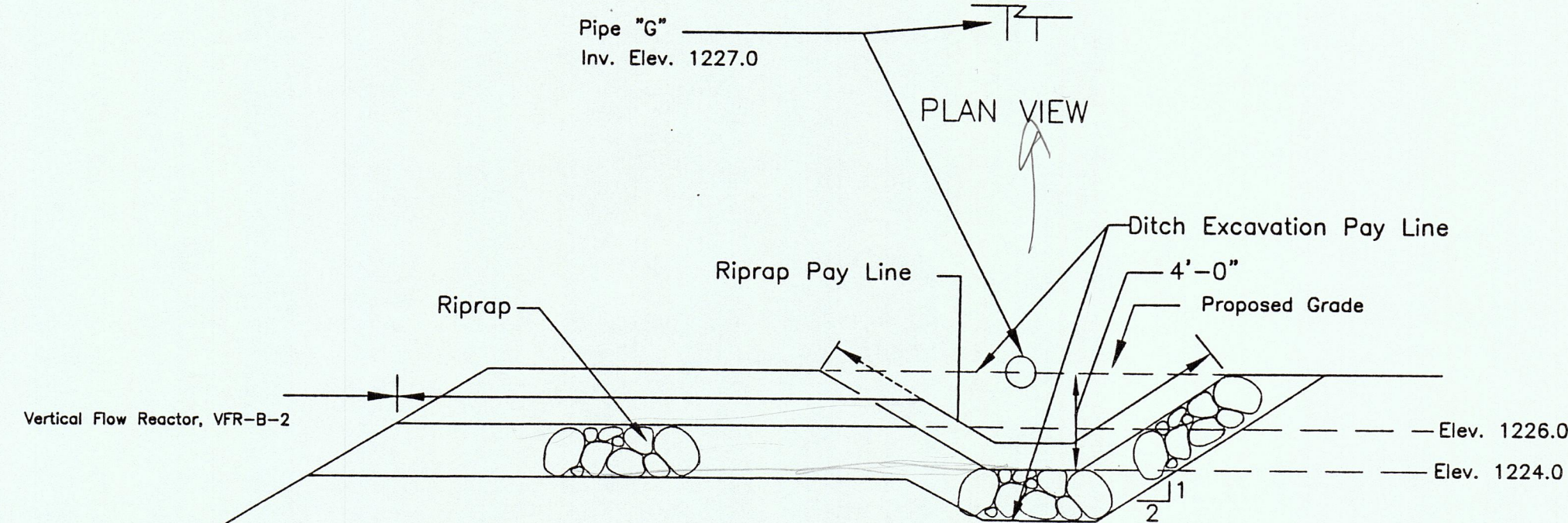
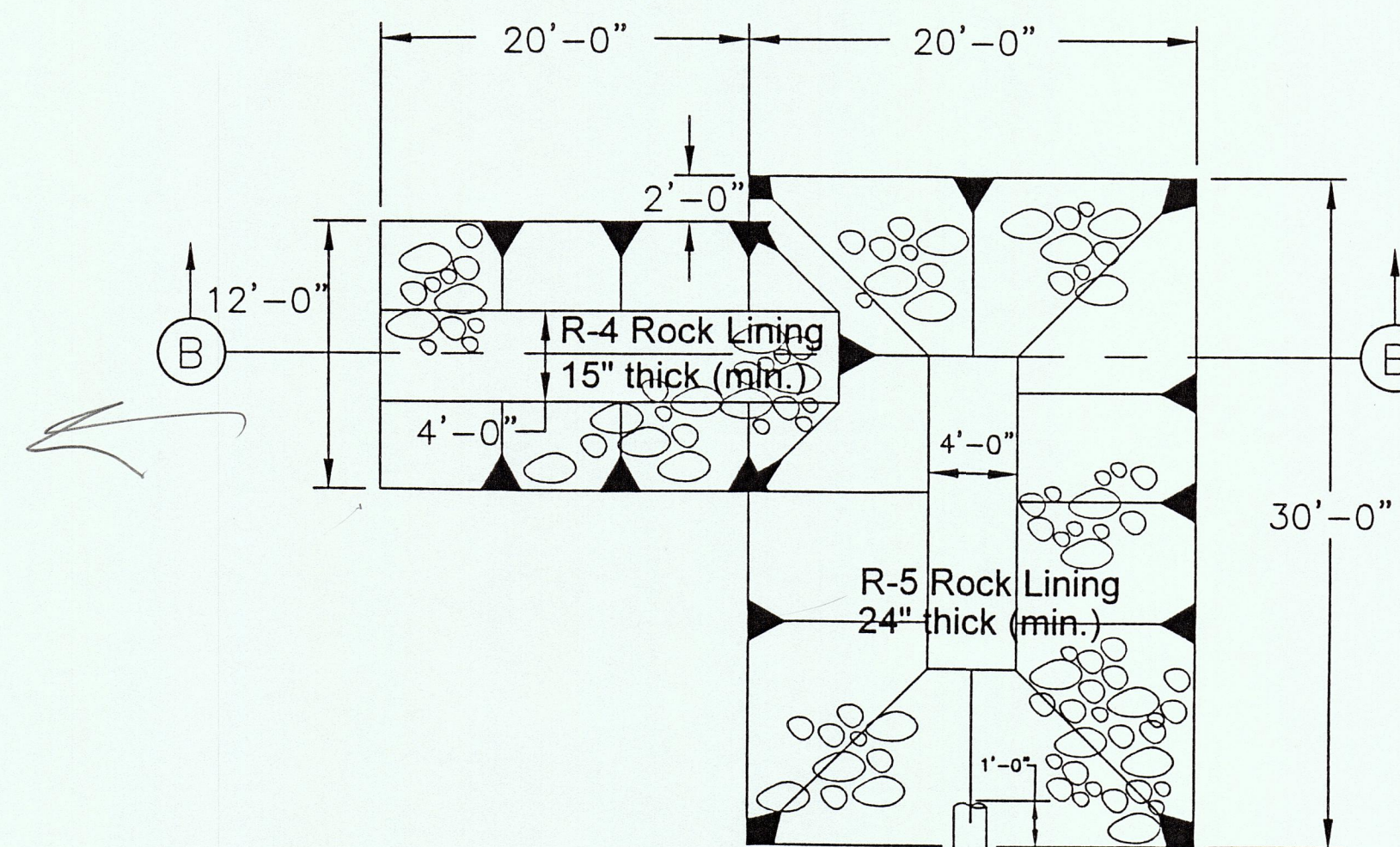




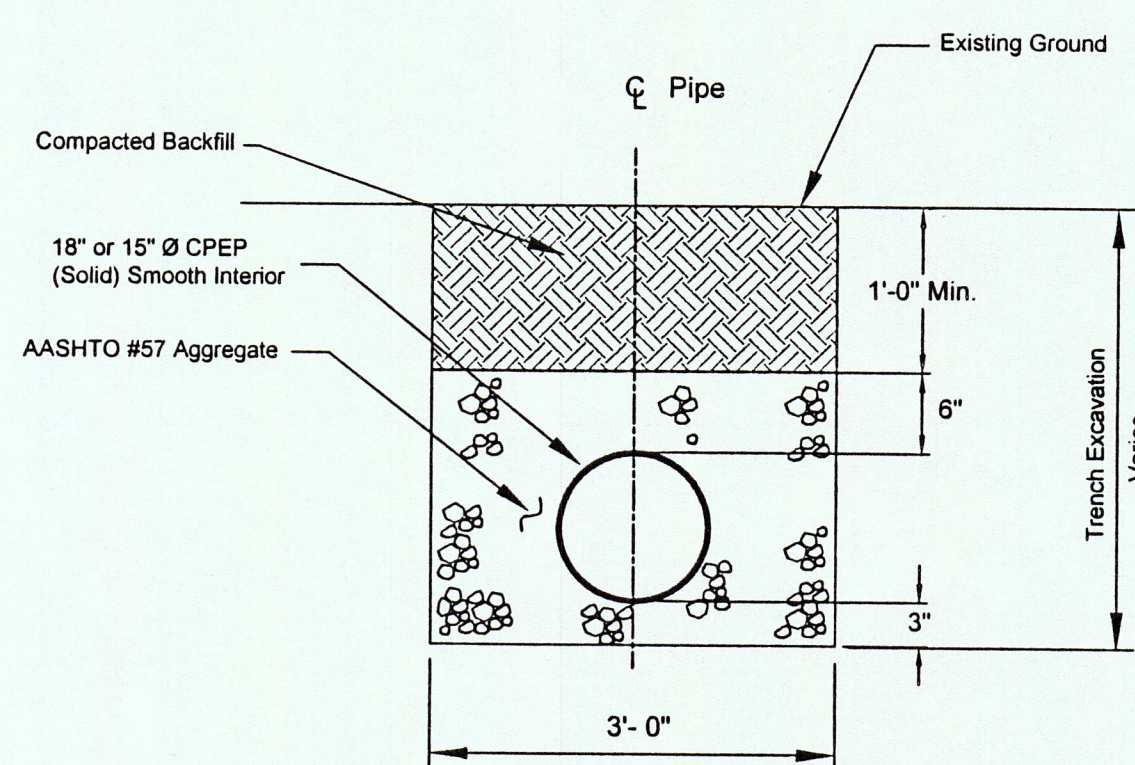
SECTION A-A
ENERGY DISSIPATOR "A"
No Scale



SECTION C-C
ENERGY DISSIPATOR "C"
No Scale



SECTION B-B
ENERGY DISSIPATOR "B"
No Scale

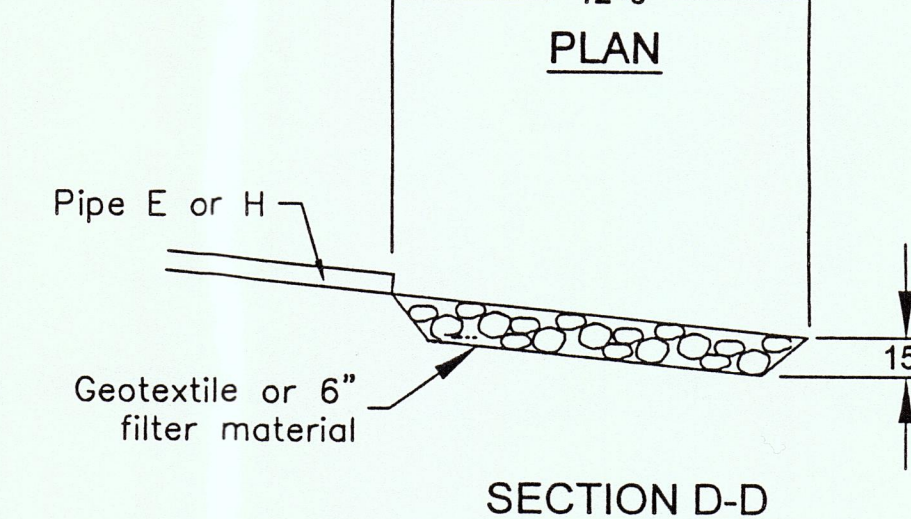
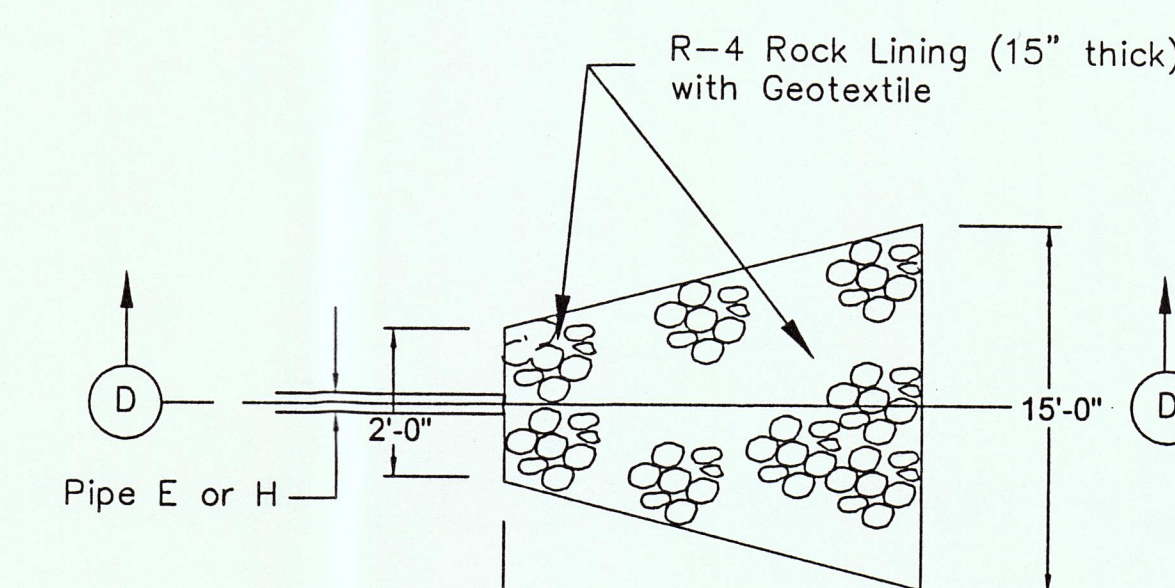


TYPICAL SECTION
CORRUGATED POLYETHYLENE PIPE
No Scale

TABLE 3
INFORMATION FOR PIPE CONSTRUCTION

PIPE	DIA. (IN)	LENGTH (FT)	INV. IN	INV. OUT	MATERIAL
A	18	1230	1378.5	1301.5	CPEP
B	18	7	1289.5	1289.3	CPEP
C	10	25	1289.0	1287.5	SCH. 40 PVC
D	15	300	1289.0	1224.0	CPEP
E	8	160	1198.0	1196.0	SCH. 40 PVC
F	15	235	1289.0	1278.0	CPEP
G	8	140	1274.0	1227.0	SCH. 40 PVC
H	8	38	1274.0	1273.0	SCH. 40 PVC
I	8	110	1220.0	1222.5	SCH. 40 PVC
J	8	260	1266.0	1224.0	SCH. 40 PVC

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE.



SECTION D-D
ROCK APRON
No Scale

NO.	DATE	REVISION	APPR.
SUBMITTED <i>David L. Hellmuth P.E.</i>			
PROJECT ENGINEER			
RECOMMENDED <i>David J. Fennell, P.E.</i>			
ACTING PROJECT COORDINATOR			
APPROVED <i>Joseph H. Schueck P.E.</i>			
ACTING CHIEF - DIVISION OF ACID MINE DRAINAGE ABATEMENT			
COMMONWEALTH OF PENNSYLVANIA			
DEPARTMENT OF ENVIRONMENTAL PROTECTION			
CONTRACT NO. DMF 008-101.1			
ABANDONED MINE LAND RECLAMATION PROJECT			
STANFORD MINING - PENN HILL NO. 2			
MINING PERMIT NO. 32841309			
CHERRYHILL TOWNSHIP INDIANA COUNTY			
DETAILS			
DRAWN BY	DATE	DRAWING NO.	8 of 11
DRH	11/20/00		
CHECKED BY	SCALE	AS SHOWN	