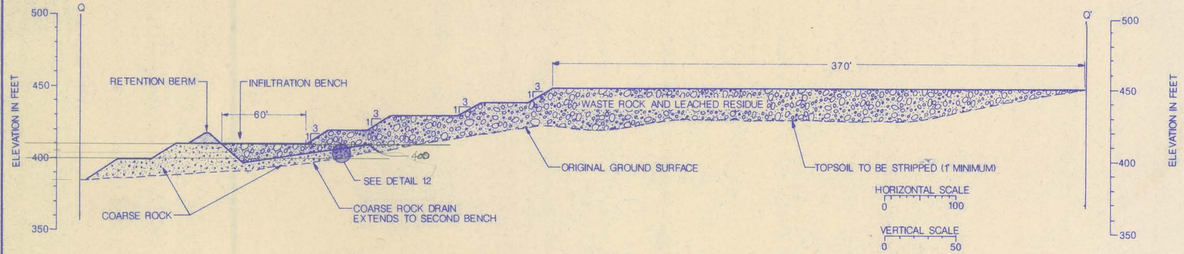
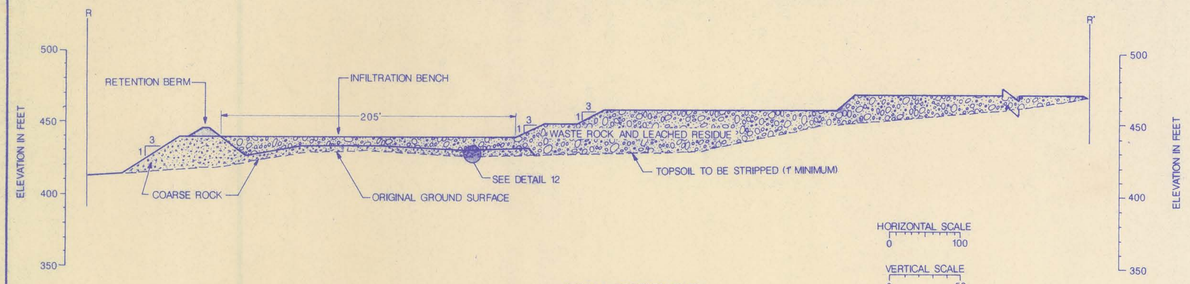


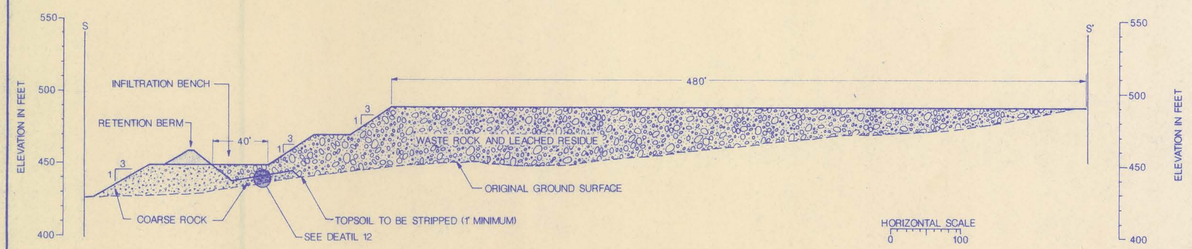
CROSS-SECTION Q-Q'
WASTE DISPOSAL AREA A

VERTICAL EXAGGEATION 2:1



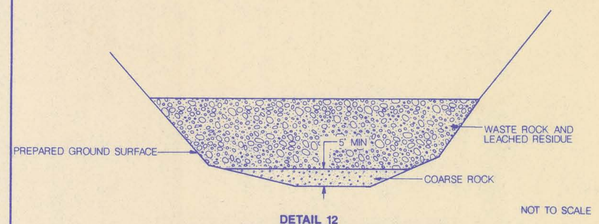
CROSS-SECTION R-R'
WASTE DISPOSAL AREA B

VERTICAL EXAGGERATION 2:1



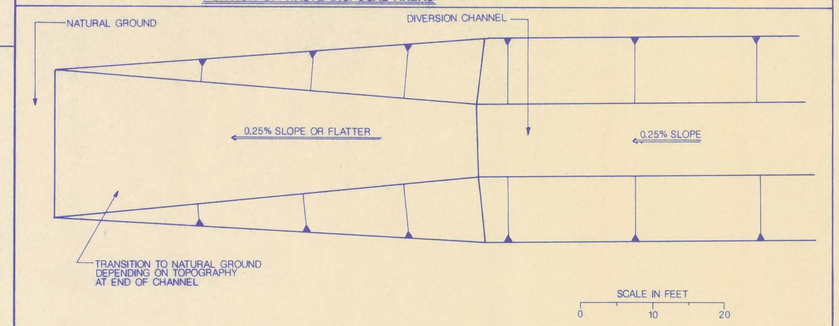
CROSS-SECTION S-S'
WASTE DISPOSAL AREA C

VERTICAL EXAGGEATION 2:1



NOT TO SCALE

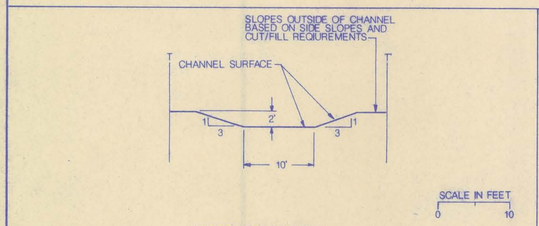
DETAIL 12
TYPICAL CROSS-SECTION THROUGH LOWER PORTION OF WASTE DISPOSAL AREAS



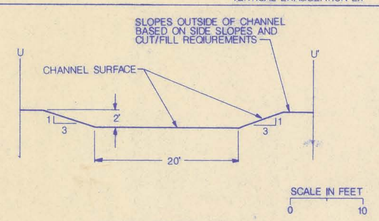
DETAIL 13
CHANNEL OUTLET

NOTES

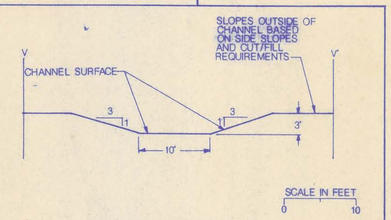
1. Waste disposal area bench heights shall be 10 to 20 ft. Minimum bench widths shall be 50 ft.
2. Coarse rock shall be durable, less than 36-inch size, and have less than 5 percent passing the No. 200 sieve.
3. Retention berm material shall be minus 18-inch size. Berm material shall be placed in 24-inch lifts.
4. Temporary sediment control in the diversion channels and disturbed areas shall be achieved by entrenched, staked, straw bale barriers.



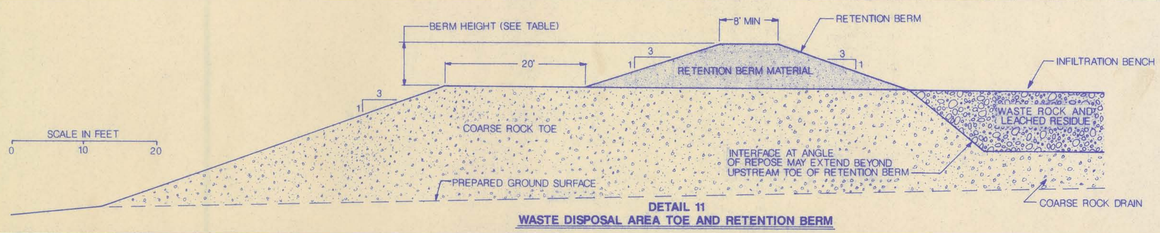
CROSS-SECTION T-T'
OVERFLOW CHANNELS A AND B



CROSS-SECTION U-U'
OVERFLOW CHANNEL C



CROSS-SECTION V-V'
DIVERSION CHANNELS A AND B



DETAIL 11
WASTE DISPOSAL AREA TOE AND RETENTION BERM

RETENTION BERM HEIGHT TABLE

WASTE DISPOSAL AREA	BERM HEIGHT (FEET)
A	8
B	6
C	10

JUL 28 1989
ISSUED FOR BID PURPOSES ONLY

REVIEWED BY D.P. ENGINEERING, INC.

DON ANDREW POULTER, P.E.
SOUTH CAROLINA REGISTRATION No. 11490

REVISIONS

No.	DESCRIPTION	BY	CKD	APPROVED	DATE
0	ISSUED FOR PERMITTING	BRJ	CLS	DAP	3/89
1	ISSUED FOR BIDDING	BRJ	CLS	DAP	7/89

REFERENCES

DRAWING No.	DRAWING TITLE
190-1	MINE LOCATION AND FACILITIES LAYOUT
190-2	SITE GRADING PLAN
190-3	LEACH PAD LAYOUT AND DETAILS
190-4	POND LAYOUT AND DETAILS
190-5	WASTE DISPOSAL AREAS LAYOUT
190-7	SUMMARY OF SITE CONDITIONS

DESIGNERS

	BY	DATE
DESIGNED	BLC	7/89
DRAWN	BRJ	7/89
CHECKED	LLM	7/89
APPROVED	CLS	7/89
REVIEWED	DAP	7/89
APPROVED		

PREPARED BY
Water, Waste & Land, Inc.

PREPARED FOR
GWALIA (USA) LTD.

TITLE
WASTE DISPOSAL AREA SECTIONS

DRAWING No. 190-6
PROJECT No. 190
SCALE AS SHOWN
REVISION 1