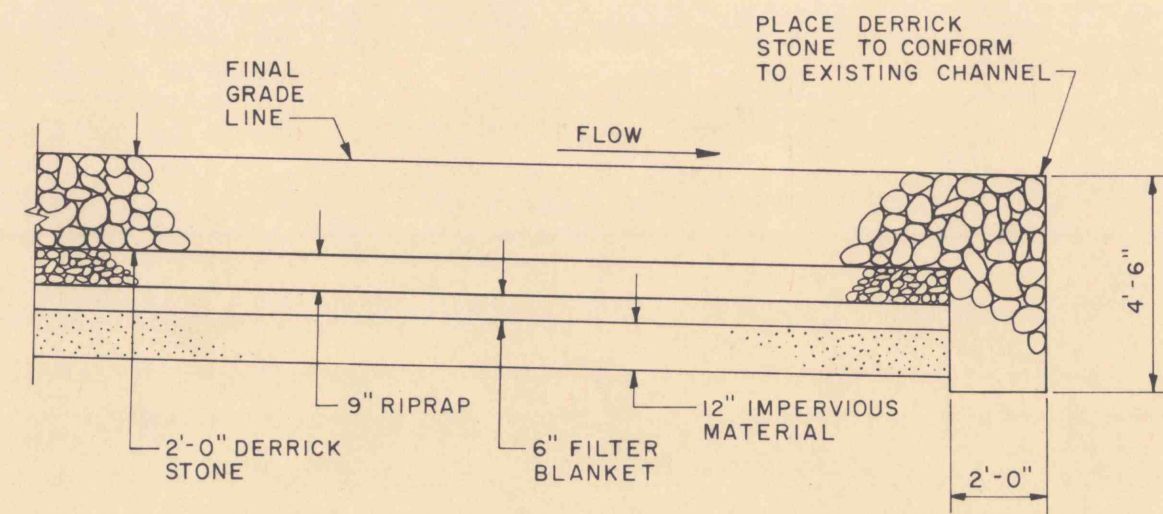
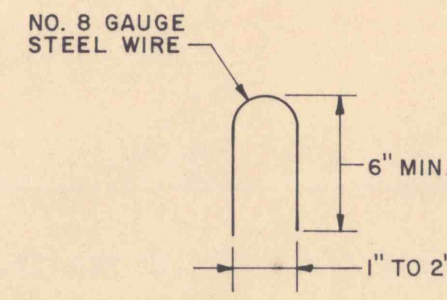


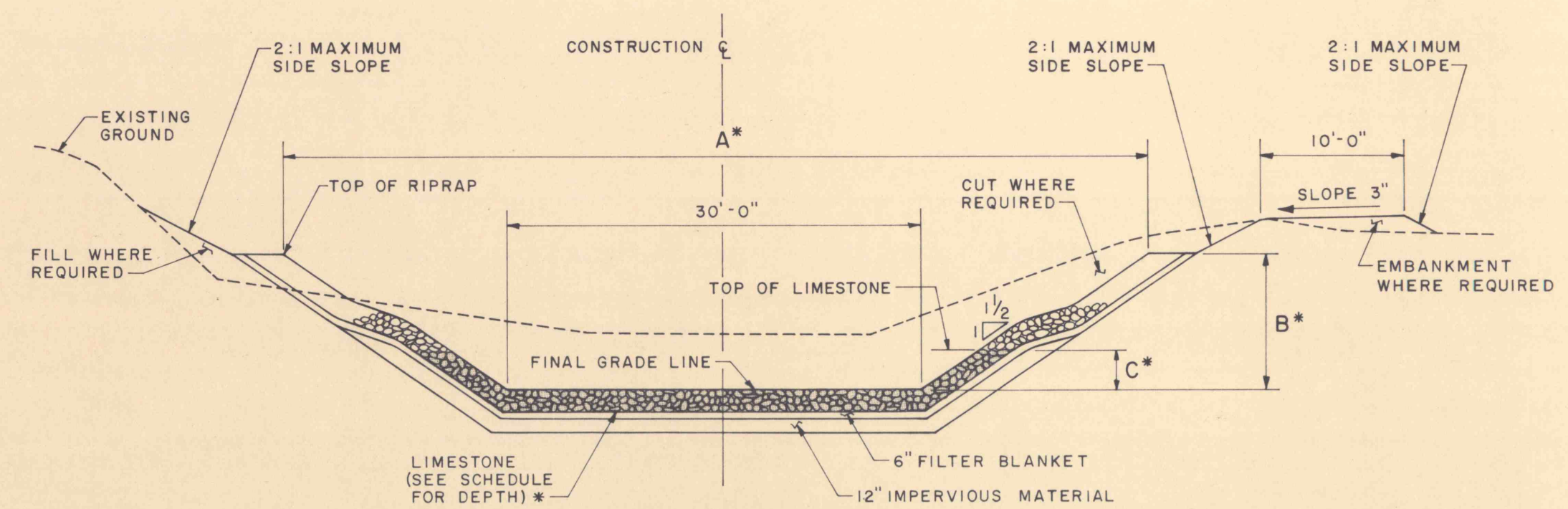
NOTES:

- JUTE MATTING SHALL CONSIST OF UNDYED JUTE YARN WOVEN INTO A UNIFORM OPEN PLAIN WEAVE MESH WITH APPROXIMATELY 1 INCH SQUARE OPENINGS AND WEIGHING NOT LESS THAN 90 POUNDS PER 100 SQUARE YARDS.
- THE TOP OF THE UPPER MAT OF EACH ROLL SHALL BE BURIED A MINIMUM DEPTH OF 6" IN A VERTICAL SLOT AND SHALL BE OVERLAPPED 12" BY ANY SUBSEQUENT SECTIONS.
- WHERE 2 OR MORE WIDTHS ARE PLACED SIDE BY SIDE THE UPPER MAT SHALL OVERLAP THE LOWER BY NOT LESS THAN 4" AND SHALL BE STAPLED ALONG THE OVERLAP AT 3' INTERVALS.
- THE UNLAPPED EDGE SHALL BE STAPLED AT 6' INTERVALS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL MATTING UNTIL THE PROJECT HAS BEEN ACCEPTED.



SECTIONAL ELEVATION

DERRICK STONE CUTOFF WALL (B)

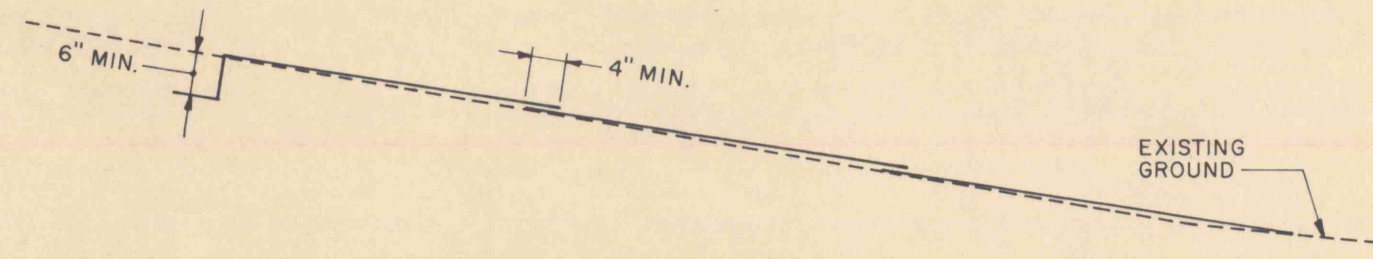


STA. 0+00 TO STA. 30+00

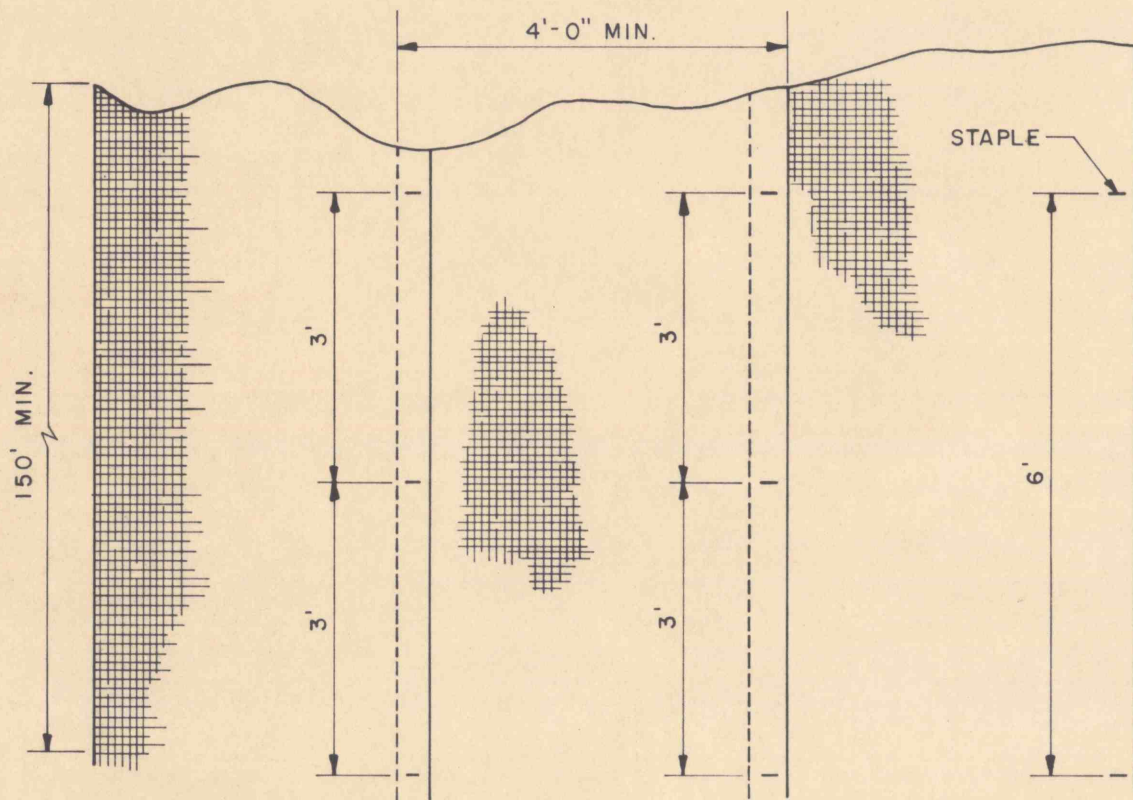
ALTERNATE 'B'

TYPICAL SECTION-LINED STREAM CHANNEL

*NOTE:
FOR DIMENSIONS, SEE
LINED STREAM CHANNEL
SCHEDULE, THIS SHEET.

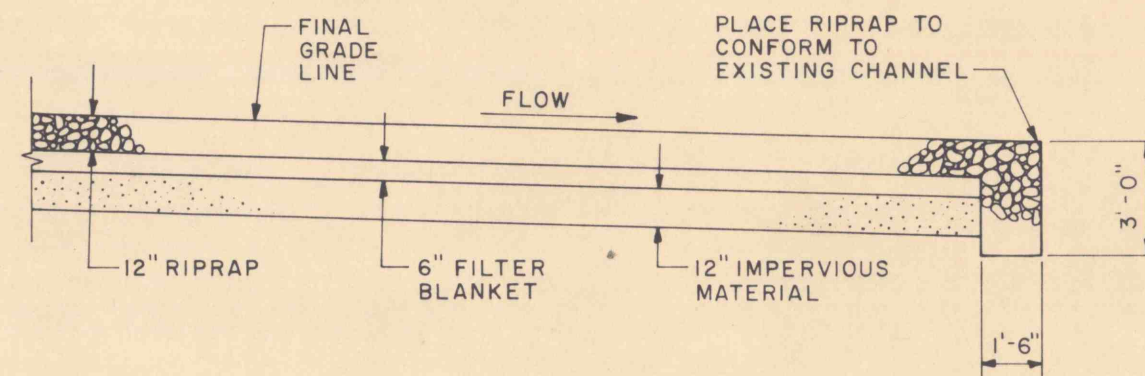


SECTION



PLAN

TYPICAL JUTE MATTING INSTALLATION (A)

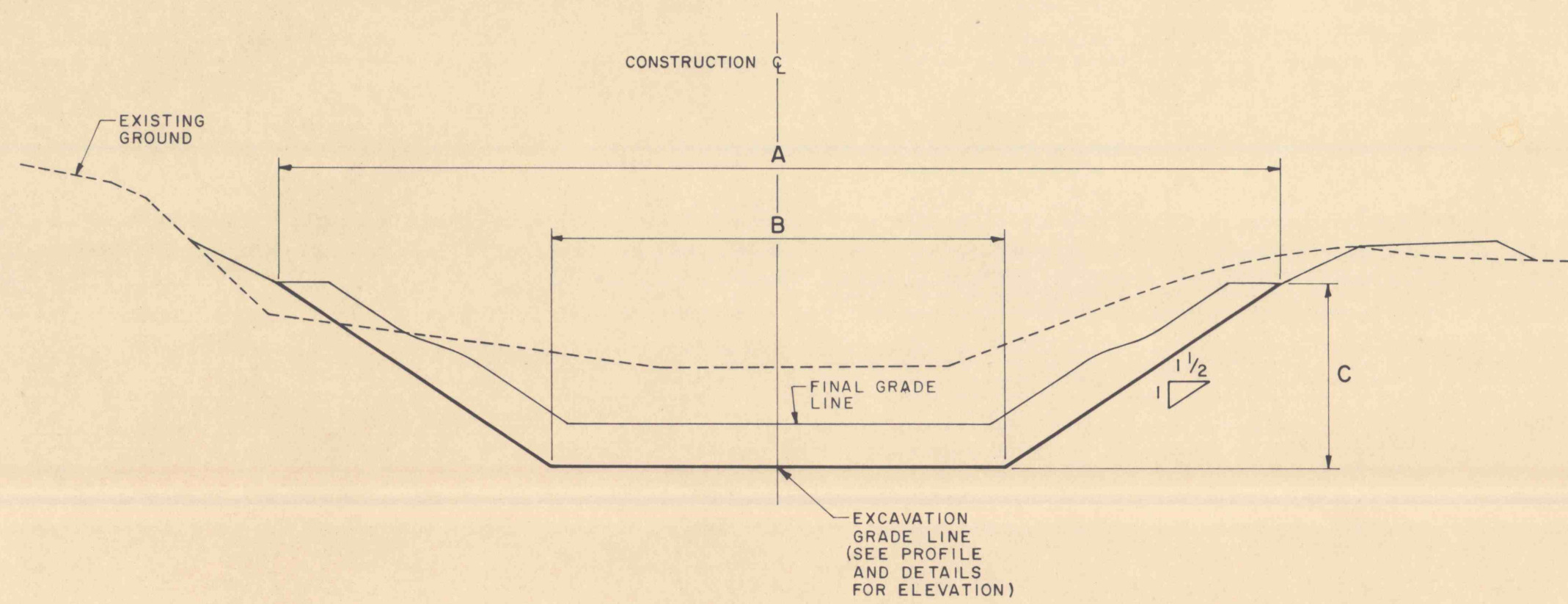


SECTIONAL ELEVATION

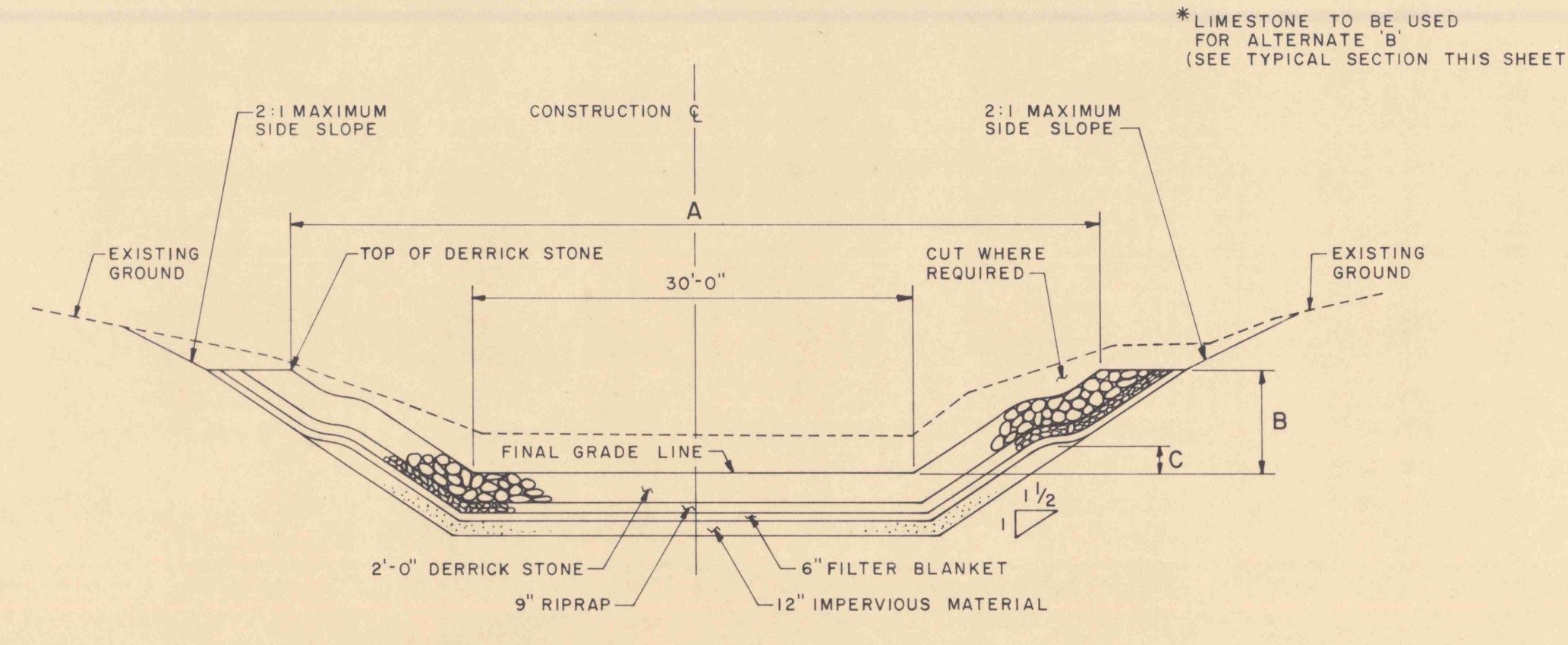
RIPRAP CUTOFF WALL (C)

LINED STREAM CHANNEL SCHEDULE				
STATION	A	B	C	RIPRAP DEPTH *
0+00 TO 5+00	47'-3" TO 53'-0"	7'-7" TO 6'-6"	2'-0"	18"
5+01 TO 10+00	52'-11" TO 55'-5"	6'-6" TO 7'-3"	2'-0"	15"
10+01 TO 22+00	55'-6" TO 70'-7"	7'-3" TO 12'-3"	2'-0"	18"
22+01 TO 30+00	70'-4" TO 57'-2"	12'-3" TO 7'-10"	4'-4"	12"
30+00 TO 30+50	57'-2" TO 36'-7"	7'-10" TO 8'-2"	TRANSITION	12"
31+78 TO 32+00	38'-0" TO 50'-11"	7'-0" TO 5'-9"	TRANSITION	SEE TYP. SECT.
32+00 TO 32+76	50'-11" TO 53'-6"	5'-9" TO 6'-7"	2'-0"	"
32+76 TO 33+76	53'-6" TO 30'-0"	6'-7" TO 0'	2'-0"	"

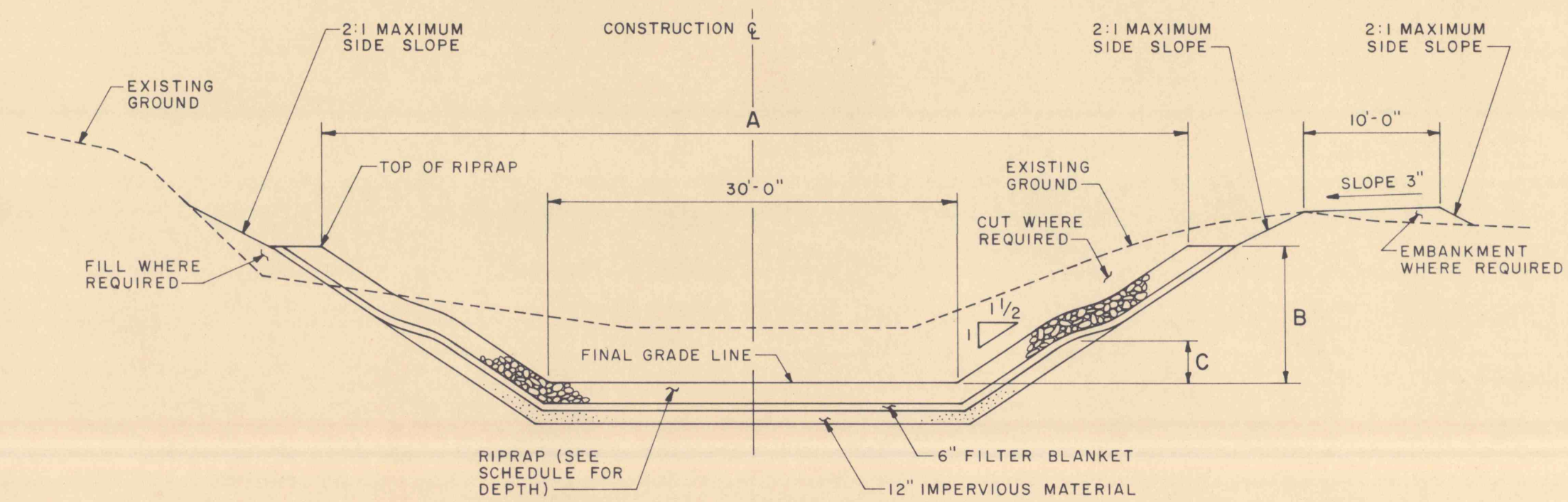
EXCAVATION SCHEDULE			
STATION	A	B	C
0+00 TO 5+00	54'-7" TO 60'-3"	31'-10"	10'-7" TO 9'-6"
5+01 TO 10+00	59'-3" TO 61'-8"	31'-8"	9'-3" TO 10'-0"
10+01 TO 22+00	62'-11" TO 77'-8"	31'-10"	10'-0" TO 15'-3"
22+01 TO 30+00	75'-7" TO 62'-7"	31'-6"	14'-9" TO 10'-4"
30+00 TO 30+50	62'-7" TO 40'-3"	31'-6" TO 12'-8"	10'-4" TO 9'-2"
31+78 TO 32+00	45'-5" TO 62'-7"	18'-0" TO 32'-5"	9'-0" TO 10'-0"
32+00 TO 32+76	62'-7" TO 65'-2"	32'-5"	10'-0" TO 10'-10"
32+76 TO 33+76	65'-2" TO 30'-0"	32'-5" TO 30'-0"	10'-10" TO 0'



TYPICAL SECTION-STREAM CHANNEL EXCAVATION



STA. 32+00 TO STA. 33+76
ALTERNATES 'A' AND 'B'



STA. 0+00 TO STA. 30+00
ALTERNATE 'A'
TYPICAL SECTION-LINED STREAM CHANNEL

*LIMESTONE TO BE USED FOR ALTERNATE 'B' (SEE TYPICAL SECTION THIS SHEET)

NO.	DATE	REVISION	APPR.
SUBMITTED			
PROFESSIONAL			
APPROVED			
CHIEF - DIVISION OF MINE RECLAMATION			
APPROVED			
DIRECTOR - BUREAU OF DESIGN			
REGISTERED PROFESSIONAL ENGINEER			
DATE			

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT
CONTRACT NO. SL 139-1-6-101.1
MINE DRAINAGE POLLUTION ABATEMENT
FALL BROOK
LACKAWANNA RIVER WATERSHED
LACKAWANNA COUNTY
PENNSYLVANIA
GANNETT FLEMING CORDDRY AND CARPENTER, INC.
Consulting Engineers
PO BOX 1963 HARRISBURG, PA

MISCELLANEOUS
DETAILS

DRAWN BY T.A.S.	DATE MAY, 1977	DRAWING NO. 10 of 12
CHECKED BY D.J.B.	SCALE NO SCALE	