



DRAINAGE DETAILS FOR PLAN SHEET 4

LATERAL 1.0 METER BASE DITCH

Min. D = 0.3 m
b = 1.5 m (EST. D.D.E. = 128 cu.m)

FROM -LCIB- STA. 12+34 TO STA. 13+62 RT.

TOE OF FILL PROTECTION

Max. w = 2.0 m
Min. d = 0.3 m

Type of Liner = CLASS 'Y' RIP RAP

FROM -LCIB- STA. 10+28 TO STA. 10+54 LT.
(EST. RIP RAP = 32 m.tons, FIL. FAB. = 42 sm)

FROM -LCIB- STA. 13+44 TO STA. 13+51 LT.
(EST. RIP RAP = 9 m.tons, FIL. FAB. = 11 sm)

LATERAL 0.6 METER BASE DITCH

Min. D = 0.3 m
Min. d = 0.3 m
b = 1.5 m

Type of Liner = CLASS 'Y' RIP RAP

FROM STA. -LCIB- 10+54 TO STA. 10+60 LT.
(EST. D.D.E. = 13 cu.m, RIP RAP = 10 m.tons, FIL. FAB. = 12 sm)

FROM STA. -LCIB- 10+84 TO STA. 10+97 RT.
(EST. D.D.E. = 45 cu.m, RIP RAP = 48 m.tons, FIL. FAB. = 60 sm)

FROM STA. -LCIB- 13+46 TO STA. 13+52 LT.
(EST. D.D.E. = 45 cu.m, RIP RAP = 48 m.tons, FIL. FAB. = 60 sm)

LATERAL 0.6 METER BASE DITCH

(EST. D.D.E. = 18 cu.m)

Min. D = Varies
Min. d = Varies
b = 1.5 m

Type of Liner = CLASS 'Y' RIP RAP
(EST. 28 m.tons)

FROM -LCIB- STA. 10+84 TO STA. 10+97 RT.

TYPICAL DITCH

Min. d = 0.3 m

Type of Liner = CLASS 'B' RIP RAP

FROM -LCIB- STA. 12+11 TO STA. 12+40 LT.
(EST. RIP RAP = 25 m.tons, FIL. FAB. = 48 sm)

TOE OF FILL PROTECTION 'B'

Max. w = 1.5 m
Min. d = 0.3 m

Type of Liner = CLASS 'B' RIP RAP

FROM -LCIB- STA. 12+40 TO STA. 12+75 LT.
(EST. RIP RAP = 42 m.tons, FIL. FAB. = 56 sm)

FROM -LCIB- STA. 13+00 TO STA. 13+36 LT.
(EST. RIP RAP = 44 m.tons, FIL. FAB. = 51 sm)

1.0 METER BASE TAIL DITCH

Min. D = 0.3 m (EST. D.D.E. = 17 cu.m)

FROM -LCIB- STA. 12+05 TO STA. 12+34 RT.

DRAINAGE DETAILS FOR PLAN SHEET 5

LATERAL 1.0 METER BASE DITCH

Min. D = 0.3 m
b = 1.5 m (EST. D.D.E. = 128 cu.m)

FROM -LCIB- STA. 12+34 TO STA. 13+62 RT.

TOE OF FILL PROTECTION 'B'

Max. w = 1.5 m
Min. d = 0.3 m

Type of Liner = CLASS 'B' RIP RAP

FROM -LCIB- STA. 13+00 TO STA. 13+36 LT.
(EST. RIP RAP = 44 m.tons, FIL. FAB. = 51 sm)

FROM -LCIB- STA. 13+52 TO STA. 14+29 LT.
(EST. RIP RAP = 100 m.tons, FIL. FAB. = 181 sm)

FROM -YICIB- STA. 10+10 TO STA. 10+45 LT.
(EST. RIP RAP = 46 m.tons, FIL. FAB. = 82 sm)

0.6 METER BASE DITCH

Min. D = 0.6 m (EST. D.D.E. = 190 cu.m)

FROM -LCIB- STA. 16+25 TO STA. 16+75 RT.

PIER PROTECTION

Min. d = 1.0 m

Type of Liner = CLASS 'Y' RIP RAP

FROM -LCIB- STA. 15+56 CL
(EST. RIP RAP = 300 m.tons, FIL. FAB. = 300 sm)

FROM -LCIB- STA. 16+52 CL
(EST. RIP RAP = 350 m.tons, FIL. FAB. = 350 sm)

LAT. 1.0 METER BASE DITCH

Min. D = 1.2 m
Min. d = 1.2 m
b = 1.5 m

Type of Liner = CLASS 'Y' RIP RAP

FROM -LCIB- STA. 15+19 TO STA. 15+85 LT.
(EST. D.D.E. = 275 cu.m, RIP RAP = 201 m.tons, FIL. FAB. = 402 sm)

TAIL VEE DITCH

Min. D = 0.3 m
Min. d = 0.3 m

Type of Liner = CLASS 'Y' RIP RAP

FROM STA. -YICIB- 10+85 RT.
(EST. D.D.E. = 6 cu.m, RIP RAP = 12 m.tons, FILTER FABRIC = 17 sm)

DRAINAGE DETAILS FOR PLAN SHEET 6

TOE OF FILL PROTECTION

Max. w = 1.5 m
Min. d = 0.3 m

Type of Liner = CLASS 'B' RIP RAP

FROM -LCIB- STA. 18+28 TO STA. 19+08 RT.
(EST. RIP RAP = 80 m.tons, FIL. FAB. = 170 sm)

FROM -LCIB- STA. 18+12 TO STA. 18+36 RT.
(EST. RIP RAP = 20 m.tons, FIL. FAB. = 40 sm)

FROM -LCIB- STA. 17+60 TO STA. 18+00 RT.
(EST. RIP RAP = 36 m.tons, FIL. FAB. = 75 sm)

2.0 METER BASE DITCH

Min. D = 1.5 m
b = 1.5 m

FROM -LCIB- STA. 17+65 TO STA. 18+36 LT.
(EST. D.D.E. = 625 cu.m)

MIN. 1.0 METER BASE SPILLWAY CHANNEL

Min. D = 1.0 m
Min. d = 1.0 m
b = VARIES (1.0m MIN.)

Type of Liner = CLASS 'Y' RIP RAP

-Y2- STA. 13+60 RT.
(EST. D.D.E. = 150 cu.m, RIP RAP = 180 m.tons, FIL. FAB. = 200 sm)

1.0 METER BASE TAIL DITCH

Min. D = 1.5 m (EST. D.D.E. = 360 cu.m)

-Y2- STA. 13+76 RT.