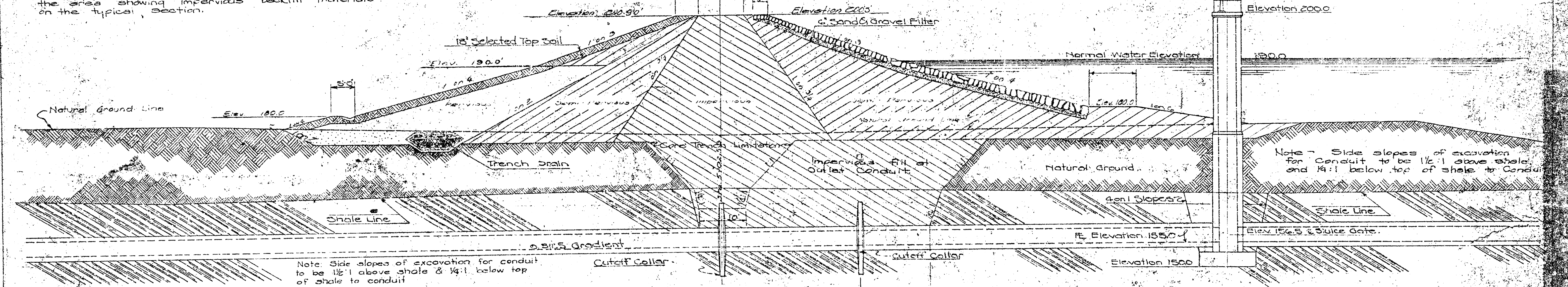


Note - All backfill for the conduit to be compacted in same manner as the embankment to the original ground level. All backfill material to be semi-pervious material with the exception of the area showing impervious backfill materials on the typical section.

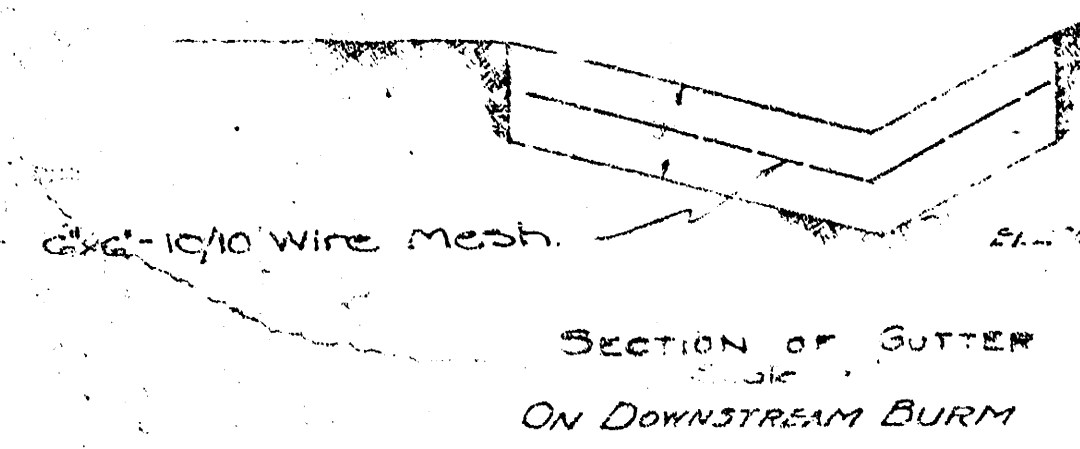
Note - Top of embankment to be sloped toward reservoir for drainage.



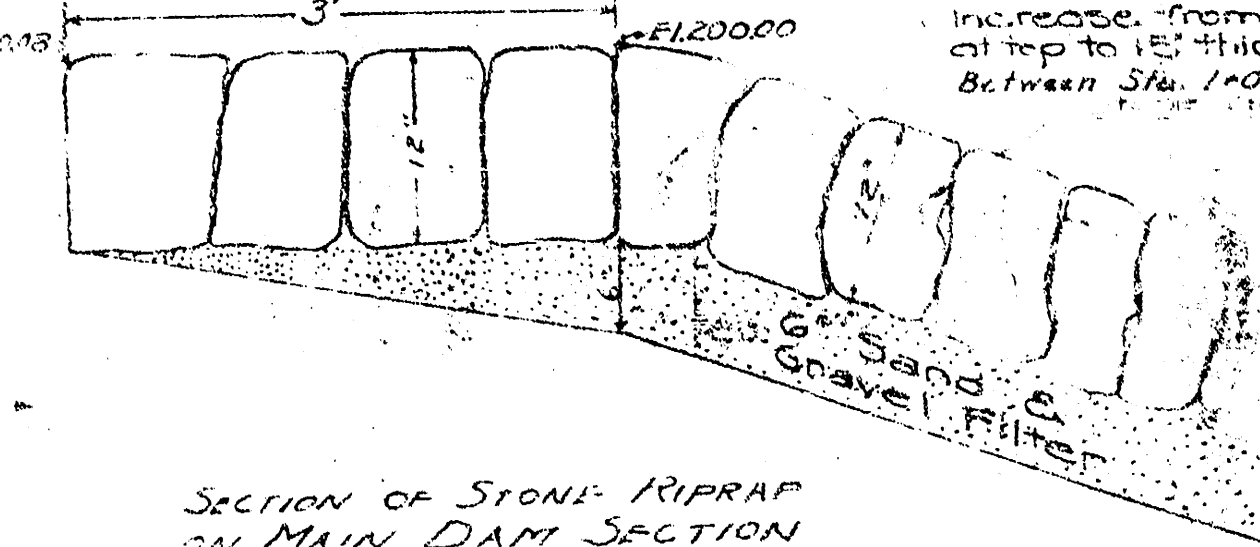
TYPICAL SECTION OF DAM AND OUTLET CONDUIT
BETWEEN STA. 0+00 and 20+75
95'-0"

NOTE: 1/2" Premoulded Bituminous Expansion Joint at 50 ft. Intervals in Roadway Grout.

NOTE: Stone Riprap to increase from 18" thickness at top to 15" thickness at bottom. Between Sta. 1+00 and 20+75.



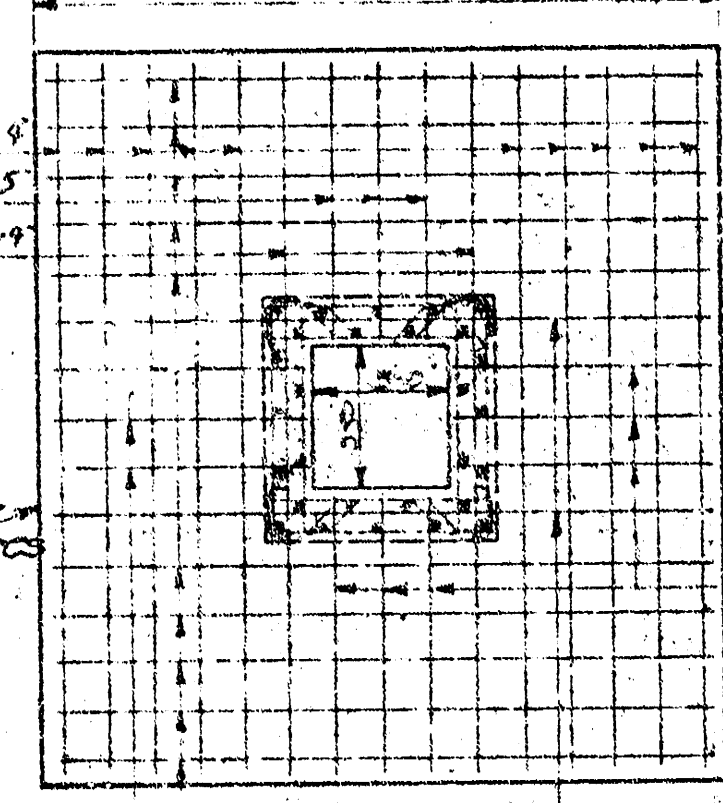
SECTION OF BUTTER ON DOWNSTREAM BURN



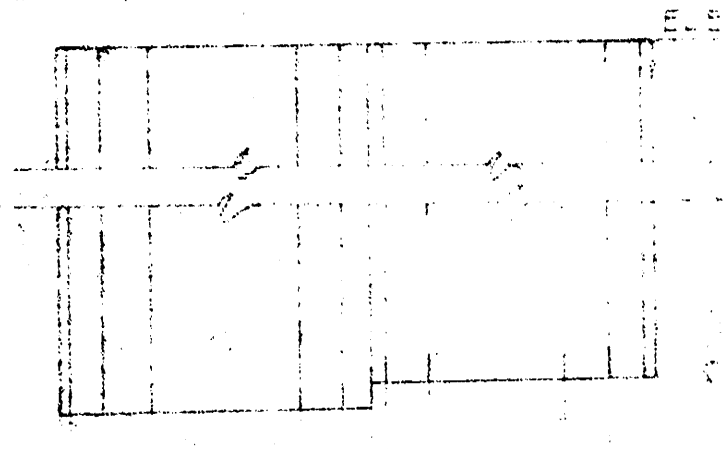
SECTION OF STONE RIPRAP ON MAIN DAM SECTION

TYPICAL SECTION OF APPROACH CHANNEL

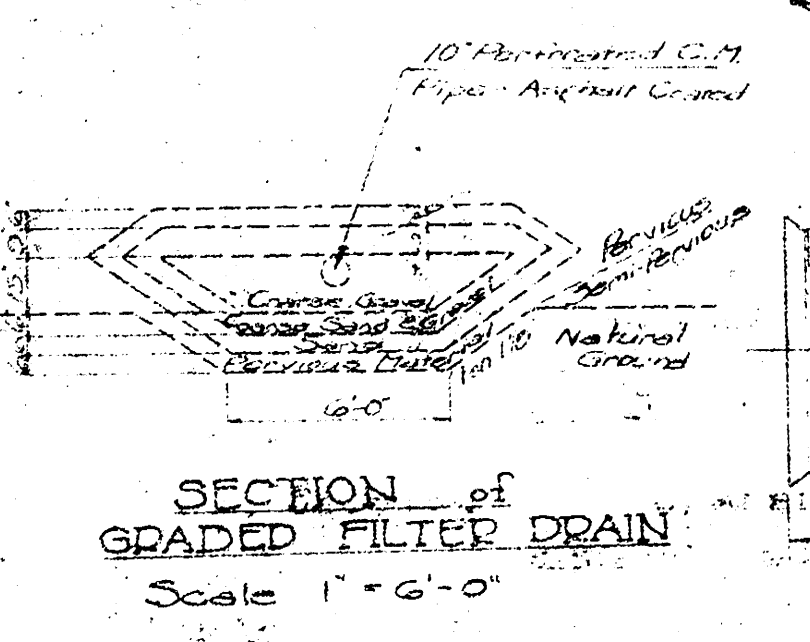
Note: Apply sealing solution on excavated area within 2 hours after excavation. Do not form box or section below shale line.



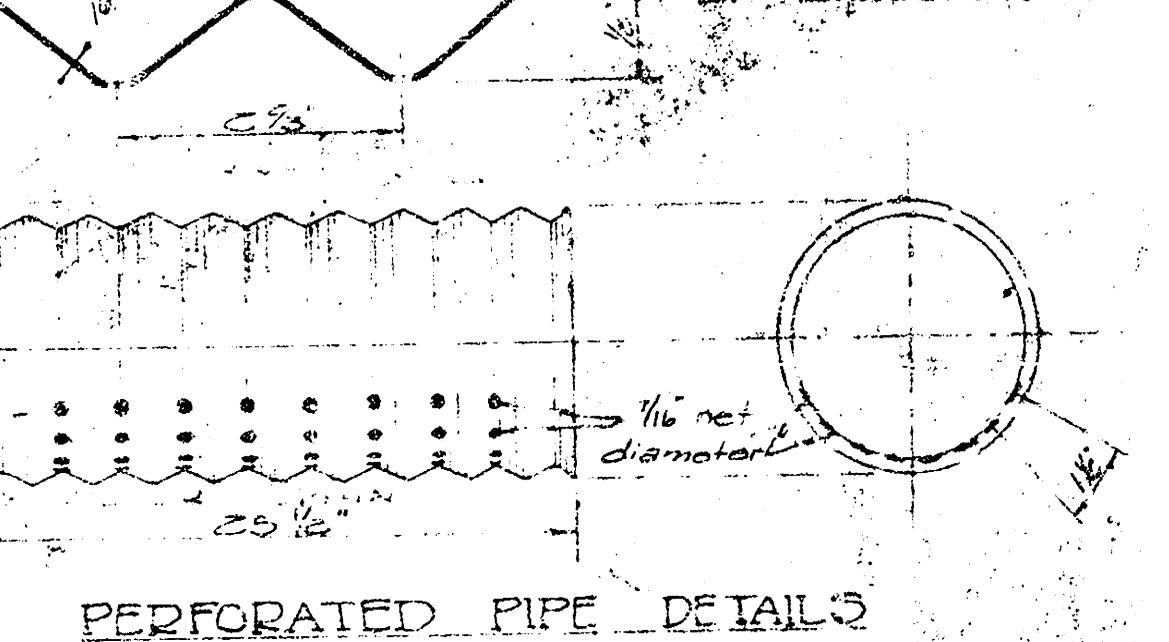
TYPICAL SECTION OF DOWNSTREAM COFFER DAM AND UPSTREAM DIVERGENT



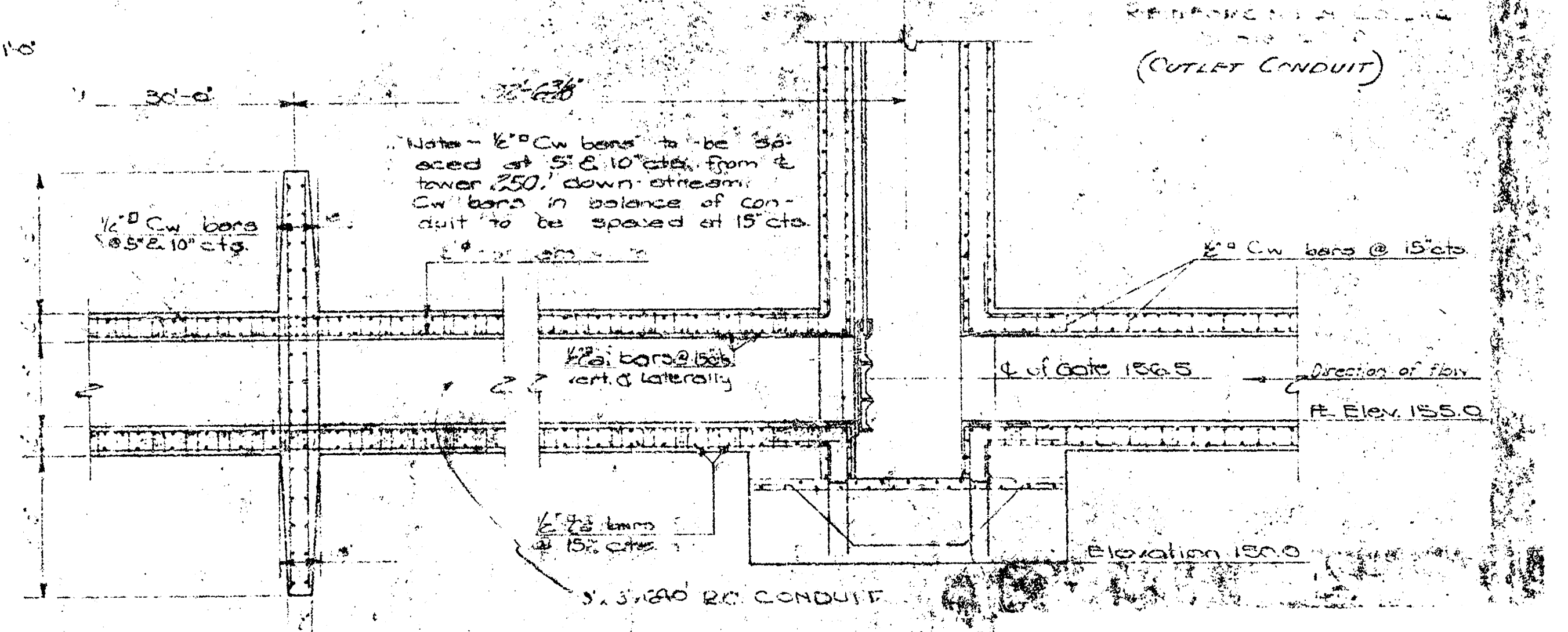
DETAIL OF INTERLOCKING STEEL SHEET PILING



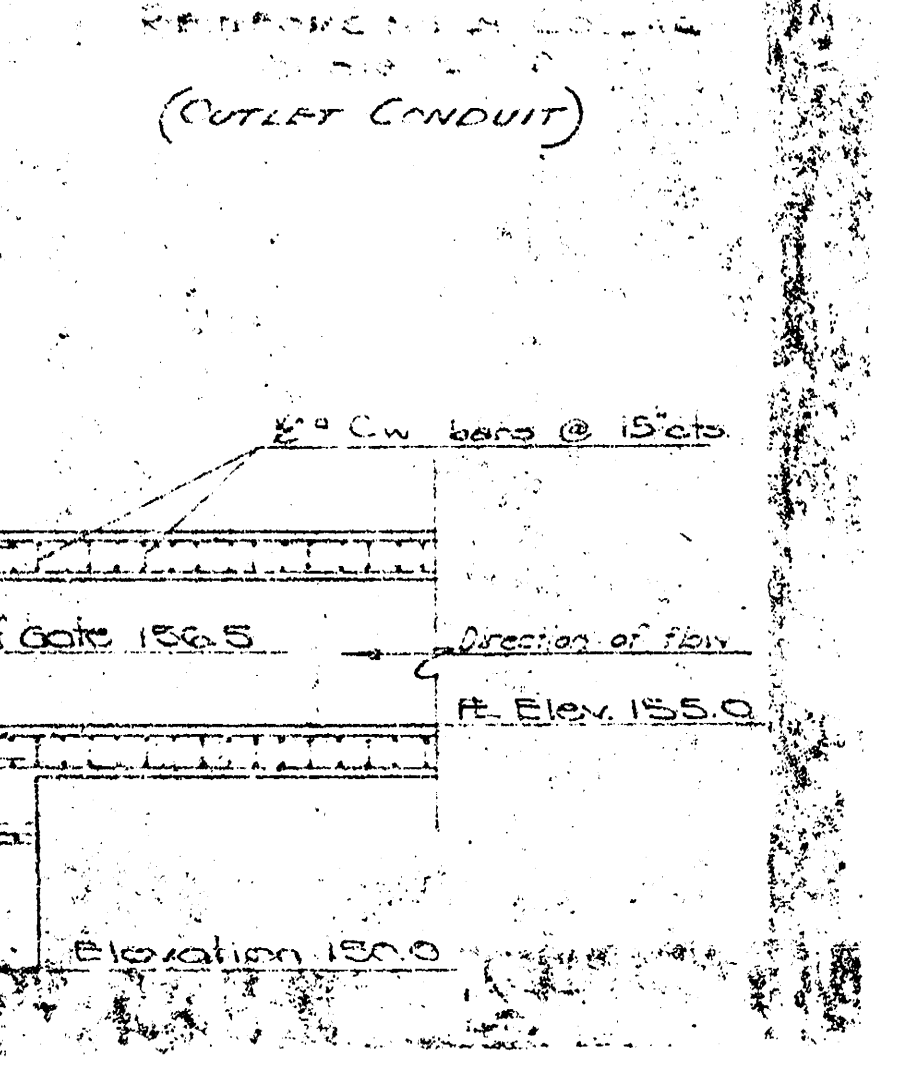
SECTION OF GRADED FILTER DRAIN
Scale 1" = 6'-0"



PERFORATED PIPE DETAILS



TYPICAL SECTION OF CUTOFF COLLAR AND SLUICE GATE
Scale 1/4" = 1'-0"



(OUTLET CONDUIT)