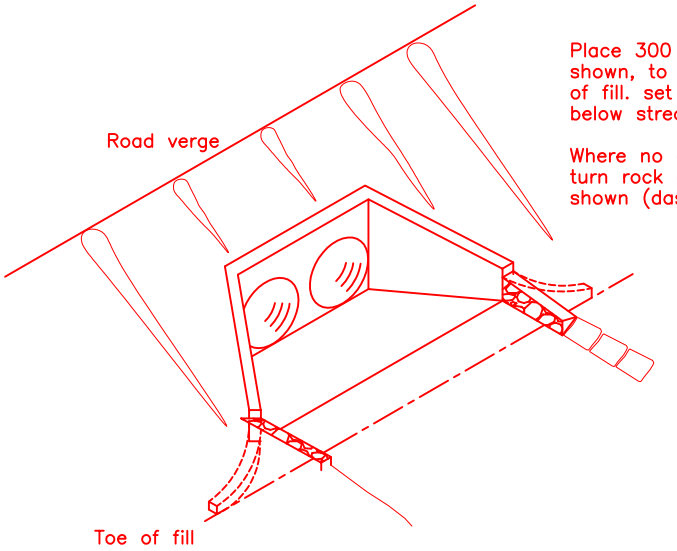
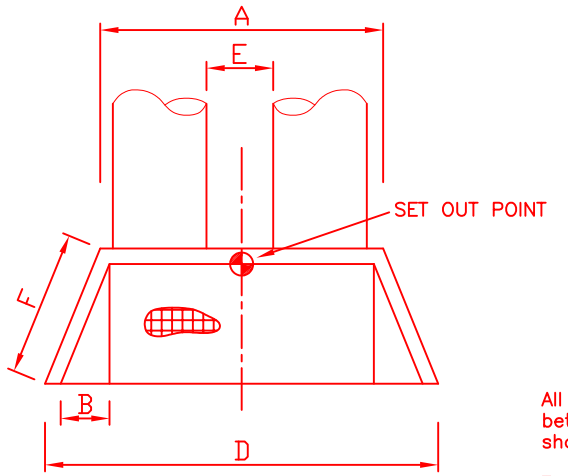


Place 300 dia. rock as shown, to prevent spill–round of fill. set the rock 300 nom. below stream bed

Where no defined channel exists, turn rock around toe of fill as shown (dashed)



PLAN

All reinforcement shall be continuous between wing walls and apron slab and shall be placed centrally.

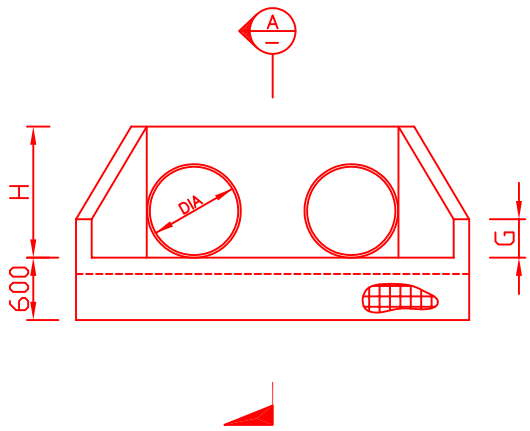
There shall be at least two 10dia. horiz. bars over pipe in endwall and two sloping bars in the top of all wingwalls.
Grade N25 concrete.

CULVERT END WALLS FILL RETAINING WORKS FOR BATTERS FLATTER THAN 1.5:1

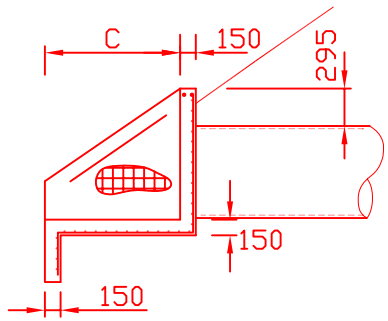
G1 = 1.5 : 1 BATTERS
G2 = 2 : 1 BATTERS
G3 = 3 : 1 BATTERS

NOM. PIPE DIA.	A	B	C	D	E	F	G1	G2	G3	H	REINFORCED BAR DIA.	EQUIV. MESH NO.
600	1920	310	850	2650	300	2650	300	500	600	930	10 @ 150	F81
750	2330	400	1920	3240	380	3240	380	500	680	1090	10 @ 150	F81
900	2720	470	1920	3780	450	3780	450	600	800	1260	10 @ 150	F81
1050	3180	550	1920	4420	530	4420	530	700	870	1420	10 @ 150	F81
1200	3560	660	1920	4960	600	4960	600	700	970	1590	10 @ 150	F81

NOTE ALL DIMENSIONS IN MILLIMETRES



ELEVATION



SECTION

NOT TO SCALE

No.	AMENDMENTS	CHECKED	DATE	APPROVED
3				
2	F82 TO F81		6/96	GKR
1	2 :1 AND 3 : 1 BATTERS ADDED		DEC 91	RW

DRAFTING		DESIGN	
DRAWN	DATE DEC 91	DESIGNED R.R.W.	DATE DEC 91
CHECKED D. PEARCE	DATE 18/12/91	RECOMMENDED/CHECKED D. COOMBES	DATE 20/12/91
APPROVED J. GLUSKIE	DATE 20/12/91	ACCEPTED R. WILSON	DATE 20/12/91

DEPARTMENT OF INFRASTRUCTURE, ENERGY AND RESOURCES, TASMANIA

R.C. ENDWALL for MULTI–PIPE CULVERTS (600–1200) SQUARE FLOW CONDITIONS

FROM LINK No. / DISTANCE	TO LINK No. / DISTANCE
CONTRACT No.	SHEET No.

DRG. No. 3402–2/P16–2