



Notes:

Weir constructed of Rubble Stone Masonry with 25% mortar to 75% rock.
 Mortar 1:3 mix with waterproof cement
 Weir to be bedded on firm rock throughout.
 Key to be cut into foundation material as shown
 Pipe positioned as shown with gravel filter. Scrap iron lugs should be welded on to fix pipe in wall.
 Weir Height not to Exceed 5.0m
 Weir Length not to Exceed 50m without buttressing
 Suitable downstream slope protection to be placed after construction
 Take additional advice for weirs over 3.0m tall or 30m long
 Keep Crest Width Constant based on Max Height

3 metre 3" GI with 4 times $\frac{3}{8}$ " dia holes
 Every 5cm. (offset each row 45 deg)
 Include End Cap (pr similar arrangement)

Client Standard Drawing				Location			
Surveyed by				Filename	ALDEV Weir.dwg	Scale	Not to Scale
Designed by	ALDEV Project	1950		Project	Standard ALDEV Weir		
Drawn by				Drg. Title	ALDEV Cross Section		
Checked by				Drg. No.	TYPE DRAWING XI	Revision	A
Approved by						Sheet	16/17