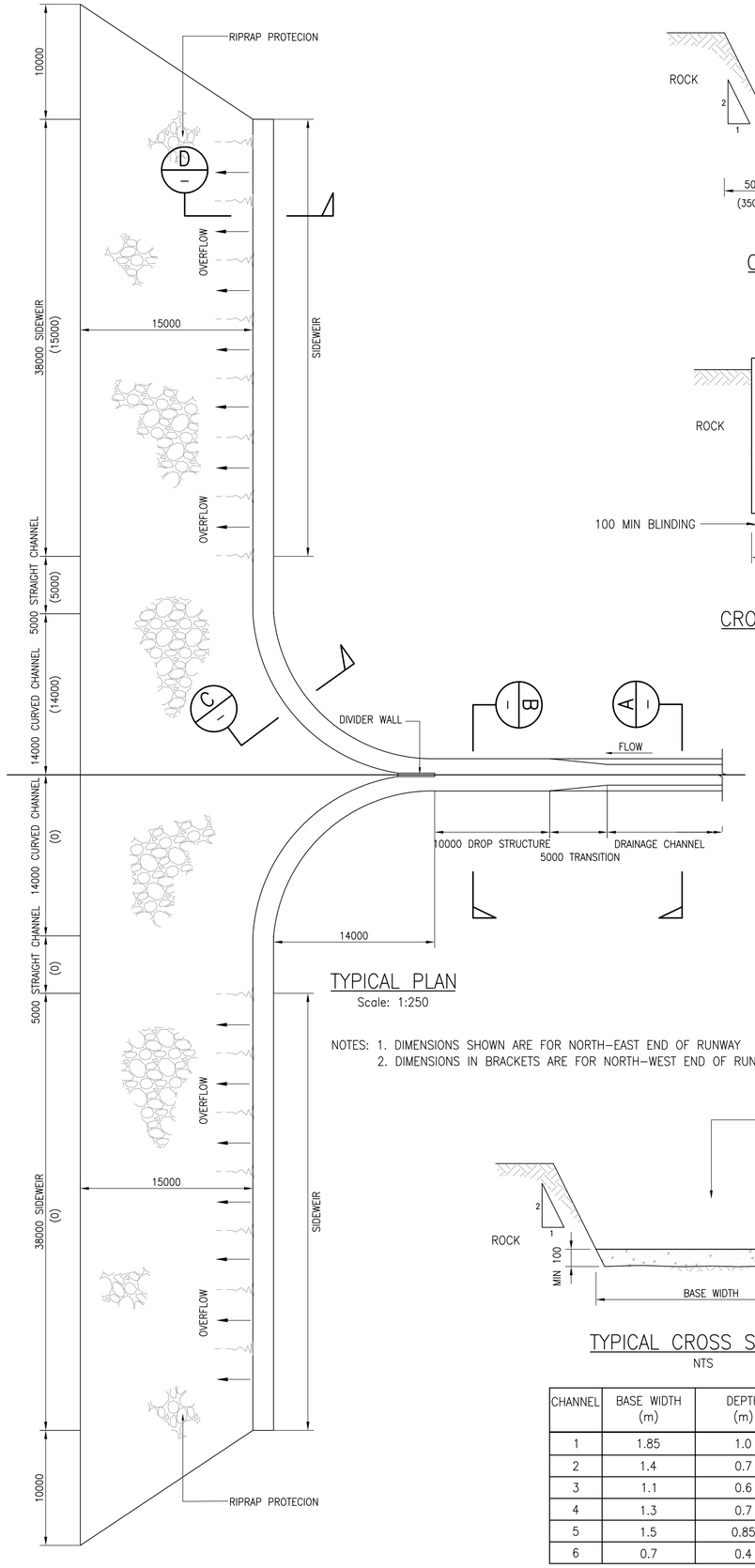
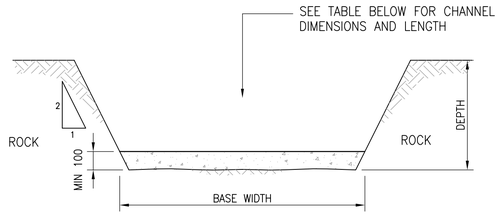
DO NOT SCALE



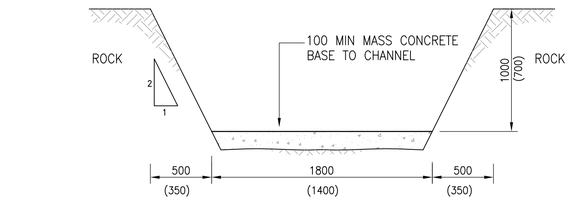
TYPICAL PLAN
Scale: 1:250

NOTES: 1. DIMENSIONS SHOWN ARE FOR NORTH–EAST END OF RUNWAY
2. DIMENSIONS IN BRACKETS ARE FOR NORTH–WEST END OF RUNWAY

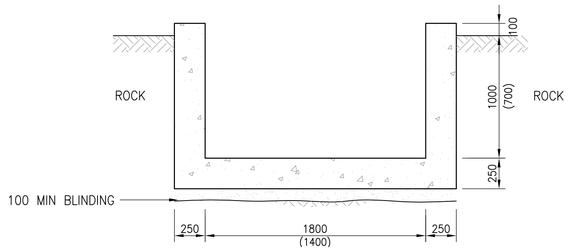


TYPICAL CROSS SECTION
NTS

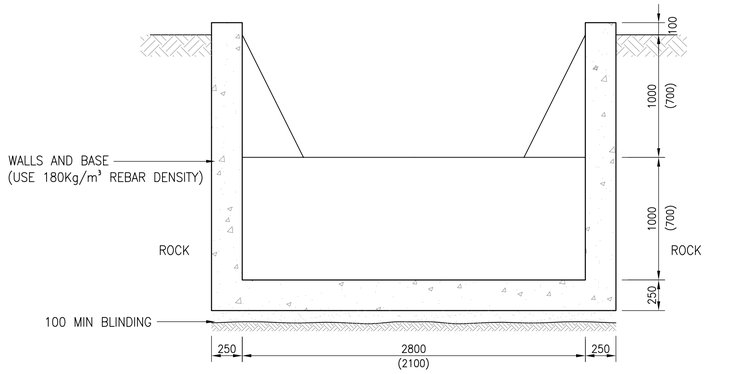
CHANNEL	BASE WIDTH (m)	DEPTH (m)	LENGTH (m)
1	1.85	1.0	860
2	1.4	0.7	350
3	1.1	0.6	290
4	1.3	0.7	700
5	1.5	0.85	650
6	0.7	0.4	230



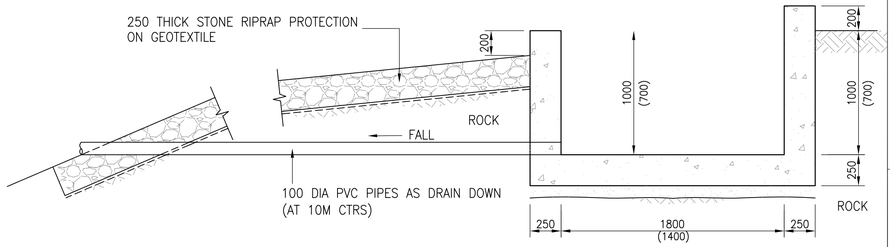
SECTION A–A
CROSS SECTION–CHANNEL
Scale: 1:25



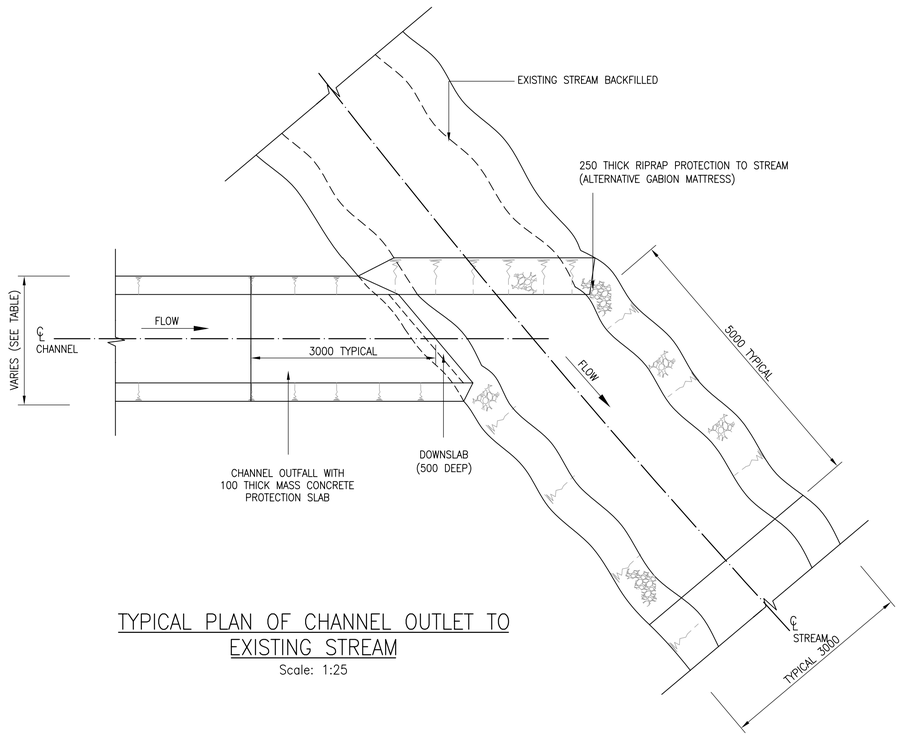
SECTION C–C
CROSS SECTION–CURVED CHANNEL
Scale: 1:25



SECTION B–B
CROSS SECTION–DROP STRUCTURE
Scale: 1:25



SECTION D–D
CROSS SECTION–SIDE WEIR
Scale: 1:25



TYPICAL PLAN OF CHANNEL OUTLET TO EXISTING STREAM
Scale: 1:25

0 10 Millimetres 150

COMMERCIAL IN CONFIDENCE

NOTES:

1. DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
2. REFERENCE DESIGN DRAWINGS TO BE READ IN CONJUNCTION WITH EMPLOYER'S REQUIREMENTS AND REFERERENCE DESIGN SPECIFICATIONS.
3. SPECIFIED PRODUCTS SHALL BE OR EQUAL APPROVED.
4. CONCRETE GRADES TO BS8500
   REINFORCED CONCRETE GRADE: RC40
   MASS CONCRETE GRADE: GEN3
   BLINDING CONCRETE GRADE: GEN1
5. HIGH YIELD REINFORCEMENT WITH YIELD STRENGTH OF 460N/mm².
6. FOR LOCATION OF OUTFALLS SEE DRG NO'S. 1011 TO 1020.

Rev.	Description	By	Date	Chk'd	Auth
A	TENDER ISSUE	KT	2.5.07	TJM	RDJ

Code	Purpose of issue	Rev	Date	Authorised
	Tender	A	2.5.07	RDJ
	REVIEW AND PRICING	-	09.03.07	RDJ

Client
DFID

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Project
St Helena Reference Design

Title
SURFACE WATER DRAINAGE OUTFALLS

Scale at A1	Drawn	Checked	Authorised	Status
As Shown	KT Date 26.01.07	JAW Date 09.03.07	RDJ Date 09.03.07	T

Drawing Number: 5048976 - CI - 01 - 1506
Rev: A