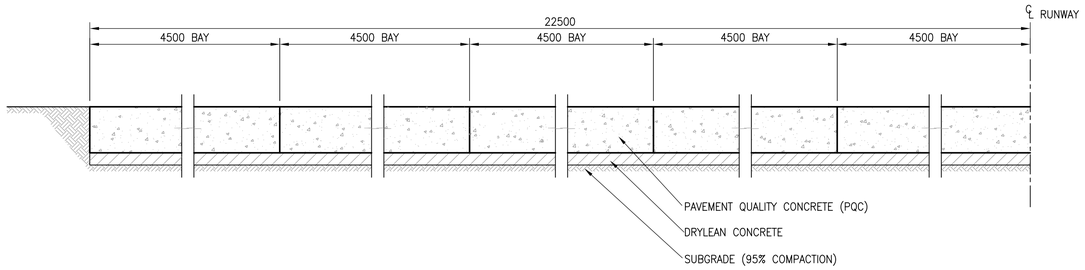
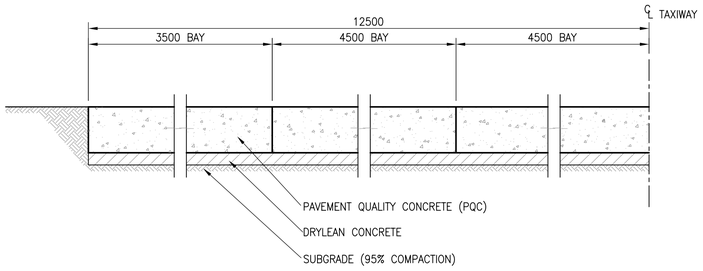
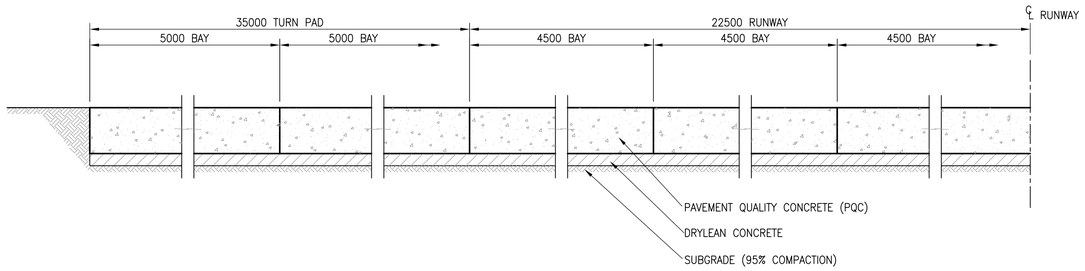
DO NOT SCALE



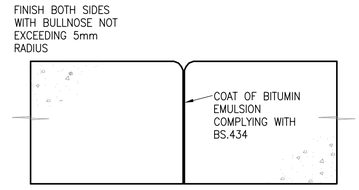
TYPICAL RUNWAY CROSS SECTION
Scale 1:25



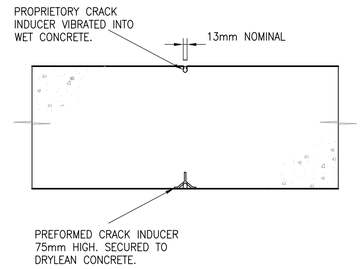
TYPICAL TAXIWAY CROSS SECTION
Scale 1:25



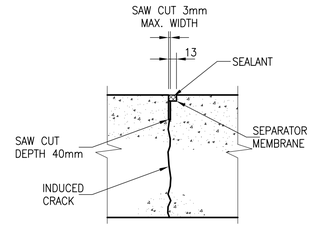
RUNWAY AND TURN PAD CROSS SECTION
Scale 1:25



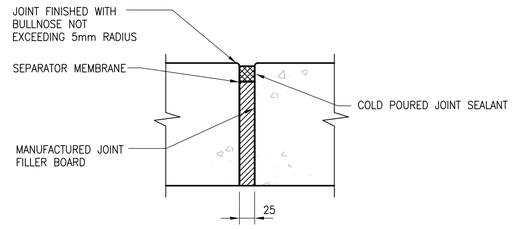
DETAIL 1 – UNDOWELLED LONGITUDINAL JOINT
Scale 1:10



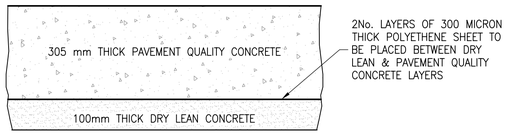
DETAIL 2 – WET FORMED CONTRACTION JOINT.
Scale 1:10



DETAIL 3 – SAWN CONTRACTION JOINT
Scale 1:5



DETAIL 4 – EXPANSION JOINT.
Scale 1:5



PAVEMENT TYPE 1 – RIGID PAVEMENT CONSTRUCTION FOR RUNWAY, TAXIWAY AND APRON
Scale 1:10

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. CO-ORDINATES ARE TO ST HELENA LOCAL GRID.
4. LAND LEVELS ARE IN METRES RELATIVE TO MEAN SEA LEVEL.
5. SPECIFIED PRODUCTS SHALL BE OR EQUAL APPROVED.
6. HIGH YIELD REINFORCEMENT WITH YIELD STRENGTH OF 460N/mm^2.
7. REINFORCEMENT WEIGHTS GIVEN ARE INDICATIVE ONLY FOR REFERENCE DESIGN PRICING.
8. PQC TO HAVE A MEAN IN SITU FLEXURAL STRENGTH OF 4.5N/mm^2.

NOMINAL BAY SIZES:
RUNWAY: 4.5m X 4.5m
TAXIWAY: 4.5m X 4.5m
4.5m X 3.5m
APRON: 5.0m X 5.0m

SUBGRADE COMPACTION REQUIREMENTS
CUT: 95% MDD
FILL: 95% MDD

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

Code	Purpose of issue	Rev	Date	Authorised
	Tender	B	2.5.07	RDJ
	Review and Pricing	A	07.03.07	RDJ
	Preliminary	-	21.2.07	RDJ

Client
DFID

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Project
St Helena Reference Design

Title
Details Sheet 1 - Airfield

Scale at A1	Drawn	Checked	Authorised	Status
As Shown	BnH	JD	RDJ	T
	Date 16.1.07	Date 3.2.07	Date 19.1.07	

Drawing Number
5048976 - CI - 01 - 2010

Rev
B

0 10 Millimetres 150