DO NOT SCALE

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 REFERENCE DESIGN SPECIFICATIONS.
3. BACKGROUND SURVEY MAPPING BASED ON ORDANANCE SURVEY MAPPING SERIES G893 (D.O.S 260) SHEETS 3 & 6 AND TRITAN SURVEYS 2006.
4. CO-ORDINATES ARE TO ST HELENA LOCAL GRID.
5. LAND LEVELS ARE RELATIVE TO MEAN SEA LEVEL.
6. SPECIFIED PRODUCTS SHALL BE OR EQUAL APPROVED.
7. CONCRETE GRADES TO BS8500
   REINFORCED CONCRETE GRADE: RC40
   MASS CONCRETE GRADE: GEN3
   BLINDING CONCRETE GRADE: GEN1
8. HIGH YIELD REINFORCEMENT WITH YIELD STRENGTH OF 460N/mm².

DRAWING REFERENCES:

5048976-CI-01-1046
5048976-CI-01-2060

DOCUMENT REFERENCES:

5048976/5819 REFERENCE DESIGN SPECIFICATION FOR AIRPORT WATER SUPPLY.

WOODY RIDGE
FBI 457
1400m OF EXISTING TRACK DEVELOPED TO A 3.5m WIDE GRADED UNPAVED ROAD PAVEMENT TYPE 6
750m OF NEW VEHICLE ACCESS TRACK – 3.5m WIDE GRADED UNPAVED ROAD PAVEMENT TYPE 6
PTA 495
Pink Grove
PTC 444
2150m OVERHEAD POWER SUPPLY FROM WOODY RIDGE MILL ADJACENT TO ACCESS TRACK SUPPORTED ON 10m HIGH TIMBER POLES AT 70m (AVERAGE) SPACING
Pleasant Valley
PTB 433
Silver Hill
LEVEL WOOD
Dry Gut
110mm OD PE100 (SDR 17.6) GRAVITY MAIN BURIED IN GRANULAR SURROUND WITH 700mm COVER
BENCOOLEN
BREAK TANK
POLE MOUNTED TRANSFORMER LOCATION
Hancock Hole
NEW ACCESS PATH – 1.2m WIDE GRADED UNPAVED TRACK
80mm ID DI PUMPING MAIN, LV POWER SUPPLY AND TELEMETRY ABOVE GROUND ON CONCRETE PIERS
Waterfall
Waterfall
Sharks
WATER INTAKE AND PUMPING STATION AT SHARKS VALLEY
RAW WATER STORAGE TANKS AT CREEPERS HILL
PIPELINE ROUTES TO AND WITHIN AIRPORT SEE DETAIL BELOW
WASHOUT AT LOWPOINT OF PIPELINE
720 333

WATER SUPPLY MAINS
SCALE 1:5000

LEGEND

- 110mm OD PE100 BURIED FIRE MAIN
- 110mm OD PE100 BURIED RAW WATER MAIN
- BWCS– BOOSTED COLD WATER SUPPLY.
- FH FIRE HYDRANT
- W WASHOUT
- A AIR VALVE
- RC REINFORCED CONCRETE
- ID INSIDE DIAMETER
- OD OUTSIDE DIAMETER
- DI DUCTILE IRON
- PE POLYETHYLENE
- SDR STANDARD DIMENSION RATIO

RAW WATER STORAGE TANKS

N 2001000
E 306400

FIRE SERVICE TRAINING RIG
CAR PARK
TERMINAL BUILDING
COMBINED BUILDING
AIRPORT FUEL FARM

WATER DISTRIBUTION MAINS
SCALE 1:1000

0 10 Millimetres 150

Rev.	Description	By	Date	Chk'd	Auth
B	MINOR REVISIONS	KT	2.5.07	TJM	RDJ
A	NOTES REVISED ROAD TYPE ADDED	KT	05.3.07	RDJ	RDJ

Code	Purpose of issue	Rev	Date	Authorised
	Tender	A	05.03.07	RDJ
	Pricing and Review	-	26.01.07	RDJ

Client
DFID

Consultant
Atkins Limited ©
Consulting Engineers,
Woodcote Grove,
Ashley Road,
Epsom, Surrey, England,
KT18 5BW
ATKINS
www : http://www.atkinsglobal.com
Fax (01372) 740055
Tel. (01372) 726140

Project
St Helena Reference Design

Title
WATER SUPPLY AND DISTRIBUTION MAINS

Scale at A1	Drawn	Checked	Authorised	Status
AS SHOWN	WMS	KWH	RDJ	T
	Date 23.01.07	Date 23.01.07	Date 26.01.07	

Drawing Number
5048976 - CI - 01 - 1045

Rev
B

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May 02, 2007 – 11:25am