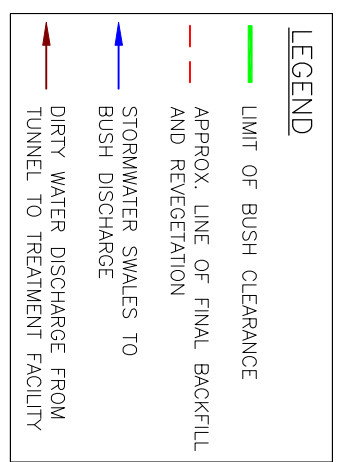


HOLLYFORD PORTAL STAGING AREA - PLAN
SCALE 1:1 000 (A3)

- CONSTRUCTION SEQUENCE**
1. CLEAR BUSH OVER PORTAL AREA FOOTPRINT.
 2. STRIP TOPSOIL AND STOCKPILE AT HOLLYFORD AIRSTRIP.
 3. EXCAVATE PORTAL AREA-USE.
 4. INSTALL STORMWATER AND WATER TREATMENT FACILITIES.
 5. INSTALL TEMPORARY CONSTRUCTION FACILITIES.
 6. CONSTRUCT CONCRETE PORTAL STRUCTURE.
 7. EXCAVATE/LINE TUNNEL BY DRILL AND BLAST TO INTERSECTION WITH HARD ROCK (ESTIMATE 100-200m).
 8. ASSEMBLE TUNNEL BORING MACHINE (TBM).
 9. EXCAVATE TUNNEL BY TBM, REMOVE TBM AT ROUTEBURN.
 10. COMPLETE TUNNEL INVERT (ROAD) AND PERMANENT SERVICES
 11. INSTALL PERMANENT EQUIPMENT.
 12. REMOVE TEMPORARY FACILITIES, BACKFILL AND REVEGETATE AS SHOWN.
 13. COMPLETE ALL ROADING WORKS.

- NOTES:**
1. SEWAGE/GREY WATER RETAINED AND REMOVED FROM NATIONAL PARK.
 2. NO DIESEL STORAGE ON SITE, REFUELLING BY PORTABLE TANKER WHEN REQUIRED.
 3. TEMPORARY WATER SUPPLY BY TANKER. PERMANENT WATER SUPPLY EX. BORE IN TUNNEL.
 4. THIS DRAWING TO BE READ IN CONJUNCTION WITH DWG C012.
 5. APPROXIMATE AREA OF CONSTRUCTION FOOTPRINT ~8326m².



Rev	Revision Description	Designed	Drawn	Checked	Approved	Date	Original Size
A	FINAL ISSUE	RWF	STI			MAY 06	A1

Tab C011
Scales
1:500 (A1)
1:1000 (A3)

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MILFORD DART PROJECT		Status	FINAL
HOLLYFORD PORTAL CONSTRUCTION FACILITIES		Drawing Number	C011
		Revision	A