





PROJECT NAME  
**KINGS FOREST**  
 BULK EARTHWORKS PRECINCTS 01 & 02, TWEED COAST RD. INTERSECTION & ESTATE MAJOR ACCESS WORKS  
 REAL PROPERTY DESCRIPTION  
 Lot 7 on DP875447, Part of Lot 6 on DP875446, Part of Lot 1 on DP781633, Part of Lot 40 on DP7482 & Part of Lot 2 on DP819015  
 PARISH OF CUJEN  
 COUNTY OF ROUS

CLIENT  
**PROJECT 28 PTY LTD**



0 750 1500 2250 3000 3750m  
 Scale 1:75000 - A1 (1:150000 - A3)

ISSUES	DATE
TENDER	
STATE AUTHORITY	05-09-12
CONSTRUCTION	

PRE DATE	AMENDMENT
B 16-10-12	TABLE AMENDED & NOTE ADDED
A 23-08-12	ISSUE FOR INFORMATION

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 agricultural and environmental scientists

DRAWING TITLE

**BULK EARTHWORKS SEQUENCING DIAGRAM**

**MORTONS**  
 urbansolutions  
 Urban & Regional Planning  
 Civil Engineering  
 Project Coordination

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DESIGNED RB DRAWN BL  
 APPROVED DATE 23.08.12  
 DRAWING NUMBER 12301-ALL-041  
 AMEND B

SEQ.	Works area	CUT	Cut @ 85%	FILL	Bal.	Spoil/Imp.
1	468,366	185,133	157,363	157,315	48	Spoil
2	292,980	145,977	124,080	125,440	1,360	Import
3	421,873	153,795	130,726	130,083	643	Spoil
4 G	126,727	73,083	62,120	31,132		
4 W	100,695	10,611	9,019	41,241		
4 TOTAL	227,422	83,693	71,139	72,374	1,234	Import
5 G	278,237	232,127	197,308	7,708		
5 W	177,233	6,024	5,121	194,244		
5 TOTAL	455,470	238,152	202,429	201,952	477	Spoil
6 G	126,459	89,103	75,737	22,286		
6 W	52,461	0	0	53,733		
6 TOTAL	178,920	89,103	75,737	76,018	281	Import
7 G	38,438	33,567	28,532	862		
7 E	144,720	110,667	94,067	44,175		
7 W	109,552	3	2	75,689		
7 TOTAL	292,709	144,237	122,601	120,726	1,876	Spoil
8 N	6,938	2,295	1,951	77		
8 S	3,684	184	157	2,238		
8 TOTAL	10,622	2,479	2,107	2,314	207	Import
9	1,867,877	688,480	585,208	947,039	361,831	Import
TOTAL	5,381,381	1,731,049	1,471,391	1,833,261	361,869	Import

Notes:  
 - Cut and fill figures subject to detail design including stripping, trenching and boxing  
 - Full site trenching and boxing used to adjust sequence 9 cut / fill figures for overall earthwork calculation purposes  
 - Earthworks sequence 9 requires import of approximately 320,000m3 and site cut of approximately 42,000m3

- NOTES:
- EARTHWORKS ARE TO BE PERFORMED IN ACCORDANCE WITH THE RELEVANT APPROVED MANAGEMENT PLANS TO ENSURE PROTECTION OF SEPP14 WETLANDS AND PROTECTED ABORIGINAL SITES.
  - CONTRACTOR TO ENSURE ANY PROTECTED AREAS ARE FENCED IN ACCORDANCE WITH APPROVED MANAGEMENT PLANS AND INSPECTED ON A DAILY BASIS.
  - SEQUENCING OF EARTHWORKS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED BULK EARTHWORKS SEQUENCING DIAGRAM 12301-ALL-041 (B) TO ENSURE THE MINIMUM AREA OF DISTURBANCE OCCURS.





