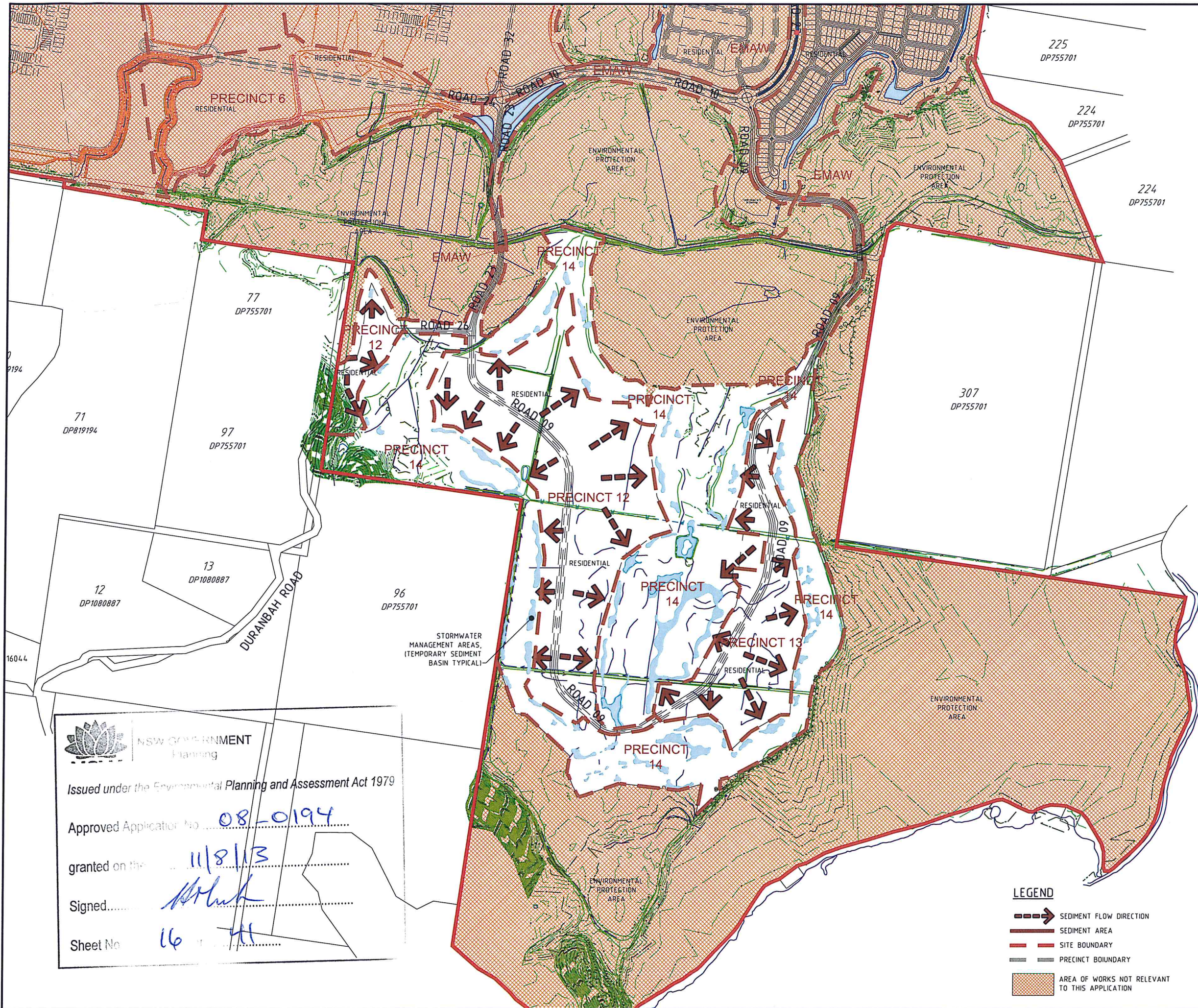




PROJECT NAME
KINGS FOREST

GOLF COURSE PRECINCT

REAL PROPERTY DESCRIPTION
Part of Lot 2 on DP819015, Lot 323, 76,
272, 96 and 326 on DP755701
PARISH OF CUDGEN
COUNTY OF ROUS

CLIENT
**PROJECT 28
PTY LTD**



0 50 100 150 200 250m
Scale 1:5000 - A1 (1:10000 - A3)

ISSUES	DATE
TENDER	
STATE AUTHORITY	08-03-11
CONSTRUCTION	

N	27-08-12	PPR REVISIONS
A	08-03-11	STATE AUTHORITY ISSUE
PRE DATE		AMENDMENT

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WITH 001-NOTES AND LEGEND

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14 Enid St.,
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Ph. (07) 55367055

GILBERT+SUTHERLAND
agricultural and environmental scientists

DRAWING TITLE

**SEDIMENT & EROSION
CONCEPT PLAN**

MORTONS
urbansolutions
Urban & Regional Planning
Civil Engineering
Project Coordination

MUS Pty Ltd T/As
Mortons-Urban Solutions
ABN 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel 07 5571 1099
Fax 07 5571 1088

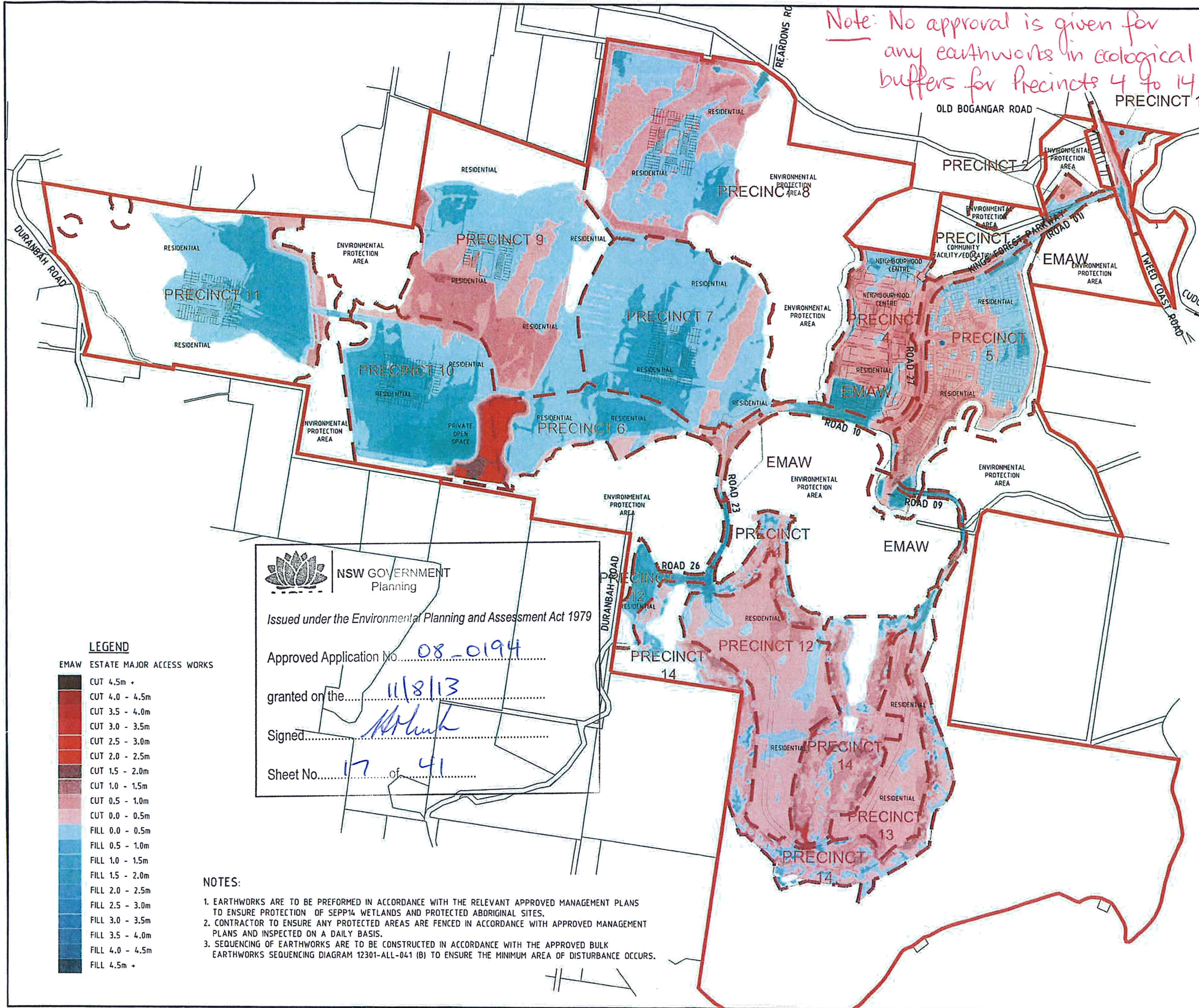
Postal Address
PO Box 2484
Southport QLD 4215
Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED RB	DRAWN BL
APPROVED	DATE 06-01-11

DRAWING NUMBER
12301-GC-010
AMEND.
B

LEGEND

- SEDIMENT FLOW DIRECTION
- SEDIMENT AREA
- SITE BOUNDARY
- PRECINCT BOUNDARY
- AREA OF WORKS NOT RELEVANT TO THIS APPLICATION



Note: No approval is given for any earthworks in ecological buffers for precincts 4 to 14



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Approved Application No. 08-0194

granted on the 11/8/13

Signed [Signature]

Sheet No. 17 of 41

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 CUDGEN
COUNTY OF ROUS

CLIENT
PROJECT 28 PTY LTD

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

ISSUES	DATE
TENDER	
STATE AUTHORITY	08-03-11
CONSTRUCTION	

REV	DATE	DESCRIPTION
F	16-10-12	NOTE ADDED
E	27-08-12	PPR REVISIONS
D	23-08-12	AMEND EARTHWORKS
C	19-09-11	AMEND EARTHWORKS EXTENT
B	29-06-11	ADD NOTE TO LEGEND
A	08-03-11	STATE AUTHORITY ISSUE

PREPARED **AMENDMENT**

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GILBERT+SUTHERLAND
agricultural and environmental scientists

DRAWING TITLE
BULK EARTHWORKS CUT FILL DEPTHS

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Civil Engineering
Project Coordination

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DESIGNED	DRAWN	DATE	REV.
RB	BL	30-11-10	F

DRAWING NUMBER
12301-ALL-040



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Planning

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Sheet No. 18 of 41

ANTICIPATED
FUTURE
CUT

APPROXIMATELY
320,000 m3
IMPORT

ANTICIPATED
FUTURE
CUT

STAGE 9 SEQUENCING TO
BE FURTHER SPLIT INTO
SMALLER MORE DEFINED
STAGES IN FUTURE

Note: No approval is given for any
earthworks in the ecological
buffers of ~~Proposed~~ Sequences
(2) to (9)

Earthworks sequencing table

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.

WORKS WITHIN 50m BUFFER AREA TO
BE CONDUCTED IN CONSULTATION
WITH ENVIRONMENTAL ENGINEER TO
COORDINATE HEATH
RELOCATION/REGENERATION
(SEQUENCE 4, 6, & 7)

Note: Works in ecological
buffers are not approved.

PROJECT NAME

KINGS FOREST

BULK EARTHWORKS PRECINCTS,
& ESTATE MAJOR ACCESS WORKS

REAL PROPERTY DESCRIPTION
Lot 7 on DP875447, Part of Lot 6 on DP875446,
Lot 1 on DP781633, Lot 40 on DP7482,
Lot 2 on DP819015, Lot 1 on DP129737,
Lot 37A, 38A & 39B ON DP13727,
Lot 1 on DP706497, Lot 76, 323, 272,
96 & 326 on DP755701
PARISH OF CUDGEN, 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	

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

PRE DATE	AMENDMENT
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ASSOCIATED CONSULTANTS

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GILBERT+SUTHERLAND
agricultural and environmental scientists

DRAWING TITLE

BULK EARTHWORKS
SEQUENCING DIAGRAM

MORTONS
urbansolutions
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Civil Engineering
Project Coordination

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DESIGNED RB	DRAWN BL
APPROVED	DATE 23.08.12

DRAWING NUMBER	AMEND.
12301-ALL-041	B

MGA

ALL DIMENSIONS, AREAS AND EASEMENTS
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TO D.O.P. APPROVAL AND FINAL SURVEY



NSW GOVERNMENT
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Sheet No. 19 of 41

PROPOSED STAGING

STAGE 1 - LOTS 1 TO 6 AND RESIDUE

STAGE 2 - SUBDIVIDE LOT 2 (PRECINCT 5)

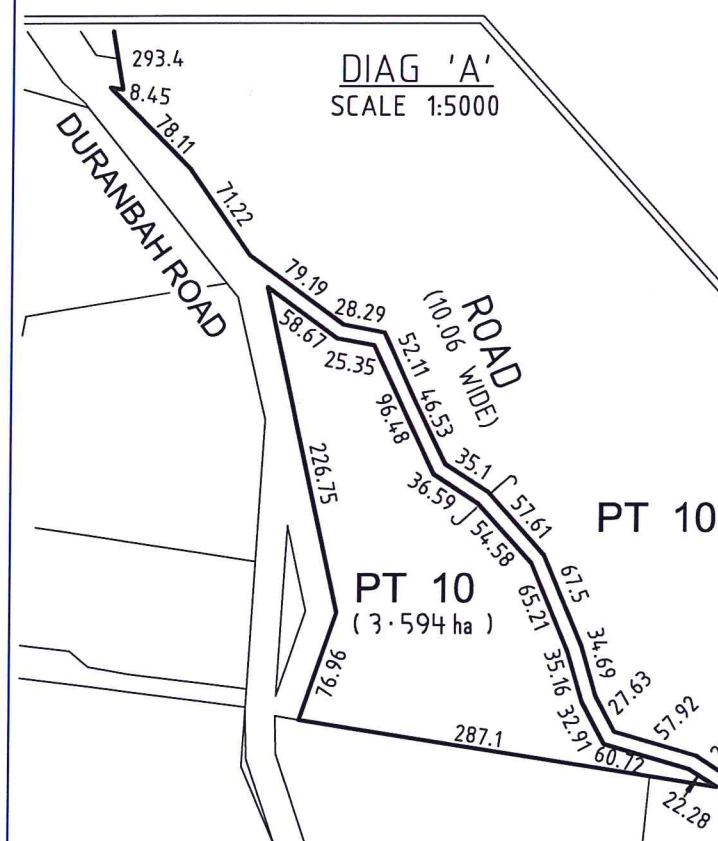
STAGE 3 - LOT 7 AND RESIDUE

STAGE 4 - LOTS 8 AND 9 AND RESIDUE LOT 10
LOTS 8 AND 9 TO BE DEDICATED
AS FUTURE ROADS

ROADS PROPOSED TO BE CLOSED AND BE CONSOLIDATED INTO ADJOINING LOTS

- CROWN ROADS
CLOSURE AND ACQUISITION IN PROGRESS
- COUNCIL ROADS
APPLICATION FOR CLOSURE IN PROGRESS

PROPOSED LOTS TO BE SUBDIVIDED
LOT 7 DP 875447, LOT 6 DP 875446, LOT 1 DP 781633
LOT 40 DP 7482, LOT 37A, 38A AND 38B DP 13727
LOT 1 DP 129737, LOT 1 DP 706497, LOT 2 DP 819015
LOTS 76, 272, 323 AND 326 DP 755701
LOTS 1, 2 AND 3 DP 1157616



ALL UNDERGROUND SERVICES
SHOULD BE LOCATED ON SITE
BY RELEVANT AUTHORITIES
BEFORE ANY WORK IS COMMENCED

**DIAL 1100
BEFORE YOU DIG**

www.dialbeforeyoudig.com.au

LANDSURV PTY LTD

REGISTERED SURVEYORS & DEVELOPMENT CONSULTANTS

14 ENID STREET TWEED HEADS NSW 2485

Ph. (07) 55366467 Fax (07) 55367489 email: macsurv@landsurv.com.au

TITLE
**PLAN OF PROPOSED STAGED SUBDIVISION
KINGS FOREST DEVELOPMENT
FOR STAGE 1 PROJECT APPLICATION**

CLIENT: PROJECT 28 PTY LTD

LEVEL DATUM	SCALE 1: 20000
DATE OF SURVEY	REVISION D
DATE 22.08.2012	SHEET 1 OF 5
DRAWN GMB	JOB No
CHECKED BG	34860-2
CAD FILE No. 34860-2_10 LOTS	



NSW GOVERNMENT
Planning

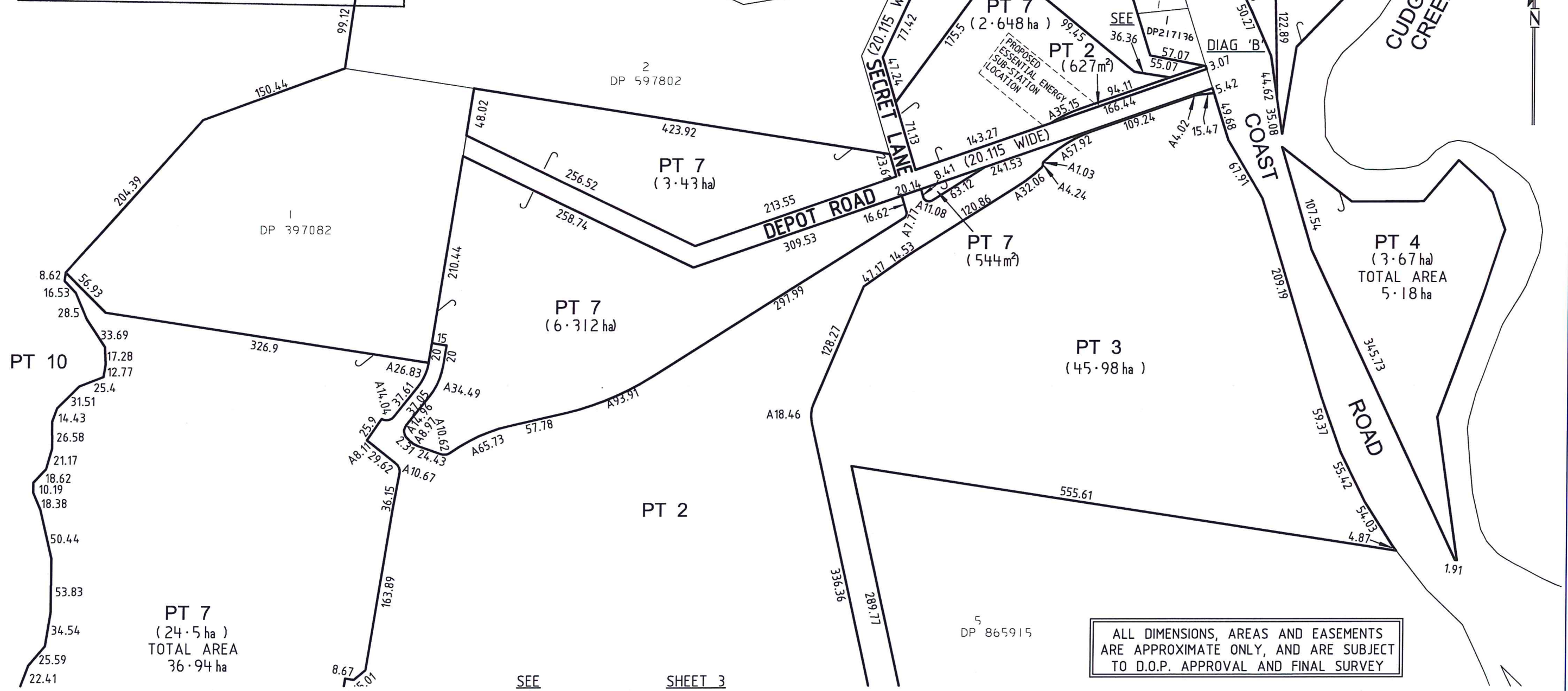
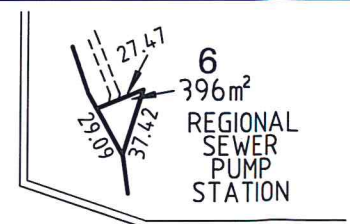
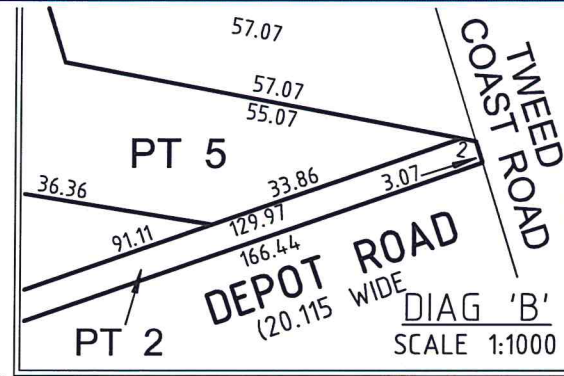
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. 08-0194

granted on the 11/8/13

Signed [Signature]

Sheet No. 20 of 41



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Ph. (07) 55366467 Fax (07) 55367489 email: macsurv@landsurv.com.au

TITLE

**PLAN OF PROPOSED STAGED SUBDIVISION
KINGS FOREST DEVELOPMENT
FOR STAGE 1 PROJECT APPLICATION**

CLIENT: PROJECT 28 PTY LTD

LEVEL DATUM

DATE OF SURVEY

DATE 22.08.2012

DRAWN GMB

CHECKED BG

CAD FILE No. 34860-2_10 LOTS

SCALE 1: 4000

REVISION **D**

SHEET 2 OF 5

JOB No

34860-2