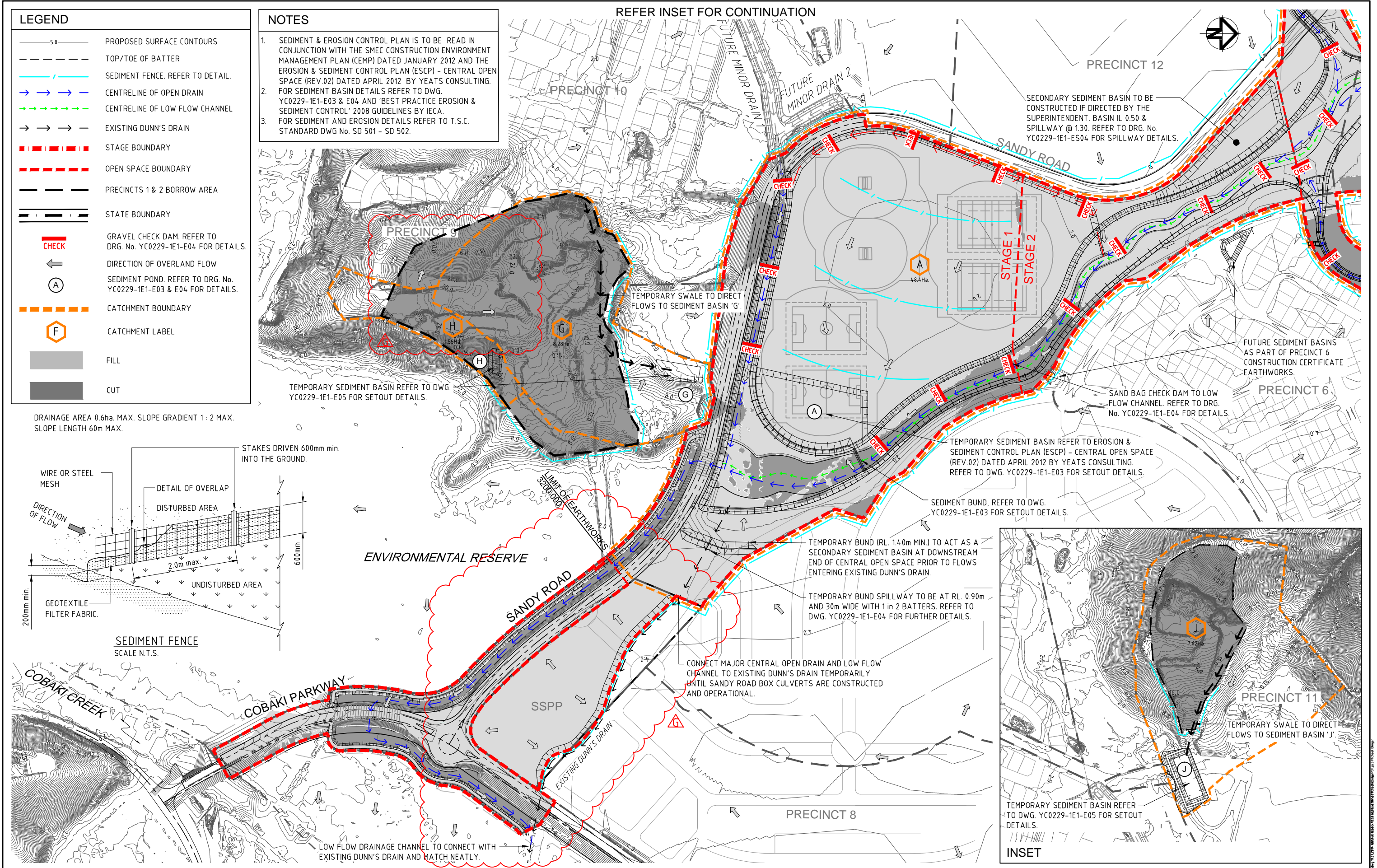


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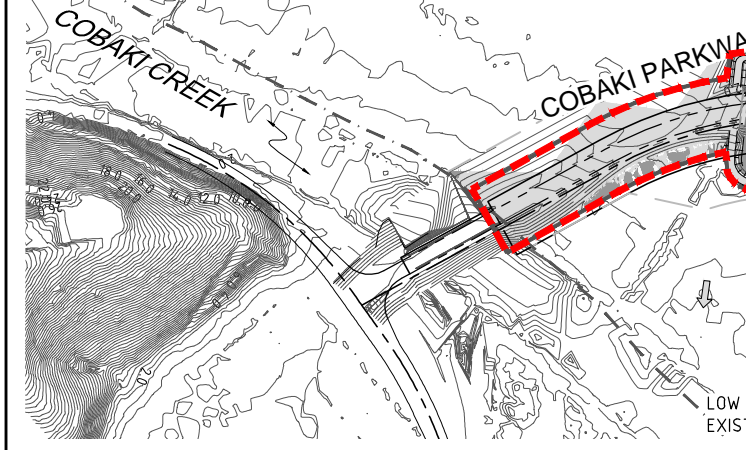
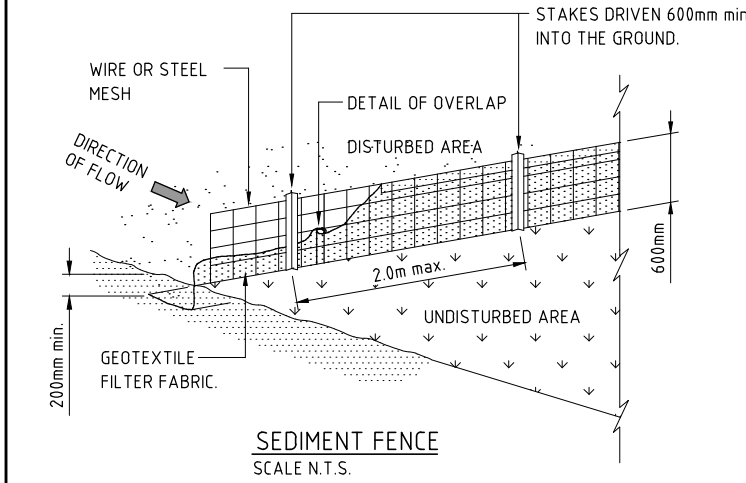
	PROPOSED SURFACE CONTOURS
	TOP/TOE OF BATTER
	SEDIMENT FENCE. REFER TO DETAIL.
	CENTRELINE OF OPEN DRAIN
	CENTRELINE OF LOW FLOW CHANNEL
	EXISTING DUNN'S DRAIN
	STAGE BOUNDARY
	OPEN SPACE BOUNDARY
	PRECINCTS 1 & 2 BORROW AREA
	STATE BOUNDARY
	GRAVEL CHECK DAM. REFER TO DRG. No. YC0229-1E1-E04 FOR DETAILS.
	DIRECTION OF OVERLAND FLOW
	SEDIMENT POND. REFER TO DRG. No. YC0229-1E1-E03 & E04 FOR DETAILS.
	CATCHMENT BOUNDARY
	CATCHMENT LABEL
	FILL
	CUT

- NOTES**
1. SEDIMENT & EROSION CONTROL PLAN IS TO BE READ IN CONJUNCTION WITH THE SMEC CONSTRUCTION ENVIRONMENT MANAGEMENT PLAN (CEMP) DATED JANUARY 2012 AND THE EROSION & SEDIMENT CONTROL PLAN (ESCP) - CENTRAL OPEN SPACE (REV.02) DATED APRIL 2012 BY YEATS CONSULTING.
 2. FOR SEDIMENT BASIN DETAILS REFER TO DWG. YC0229-1E1-E03 & E04 AND 'BEST PRACTICE EROSION & SEDIMENT CONTROL' 2008 GUIDELINES BY IECA.
 3. FOR SEDIMENT AND EROSION DETAILS REFER TO T.S.C. STANDARD DWG No. SD 501 - SD 502.

REFER INSET FOR CONTINUATION



DRAINAGE AREA 0.6ha. MAX. SLOPE GRADIENT 1 : 2 MAX. SLOPE LENGTH 60m MAX.



STATUS	CONSTRUCTION CERTIFICATE	FOR APPROVAL
G	ADDITIONAL FILL ZONE TO SSPP (MP08_0200 Mod 3)	C.S. 30.06.14
F	PRECINCT 9 AND PRECINCT 11 BORROW AREAS ADDED	M.B. 10.12.13
E	MINOR OPEN DRAIN 5 ADDED TO DRAWING SET	T.W. 02.10.13
D	BULK EARTHWORKS CONSTRUCTION CERTIFICATE	M.G. 15.02.13
C	RESPONSE TO 3rd PARTY SWMP REVIEW	H.W. 18.10.12
B	RESPONSE TO TSC REQUEST FOR INFORMATION (RFI)	H.W. 04.05.12
REV	DESCRIPTION	DRAWN DATE

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DRAWING IS NOT TO BE SCALED

SCALE (AT ORIGINAL SHEET SIZE)

SCALE 50 0 50 100 1:2500

CLIENT

LEDA MANORSTEAD Pty Ltd

ORIGINAL SHEET SIZE

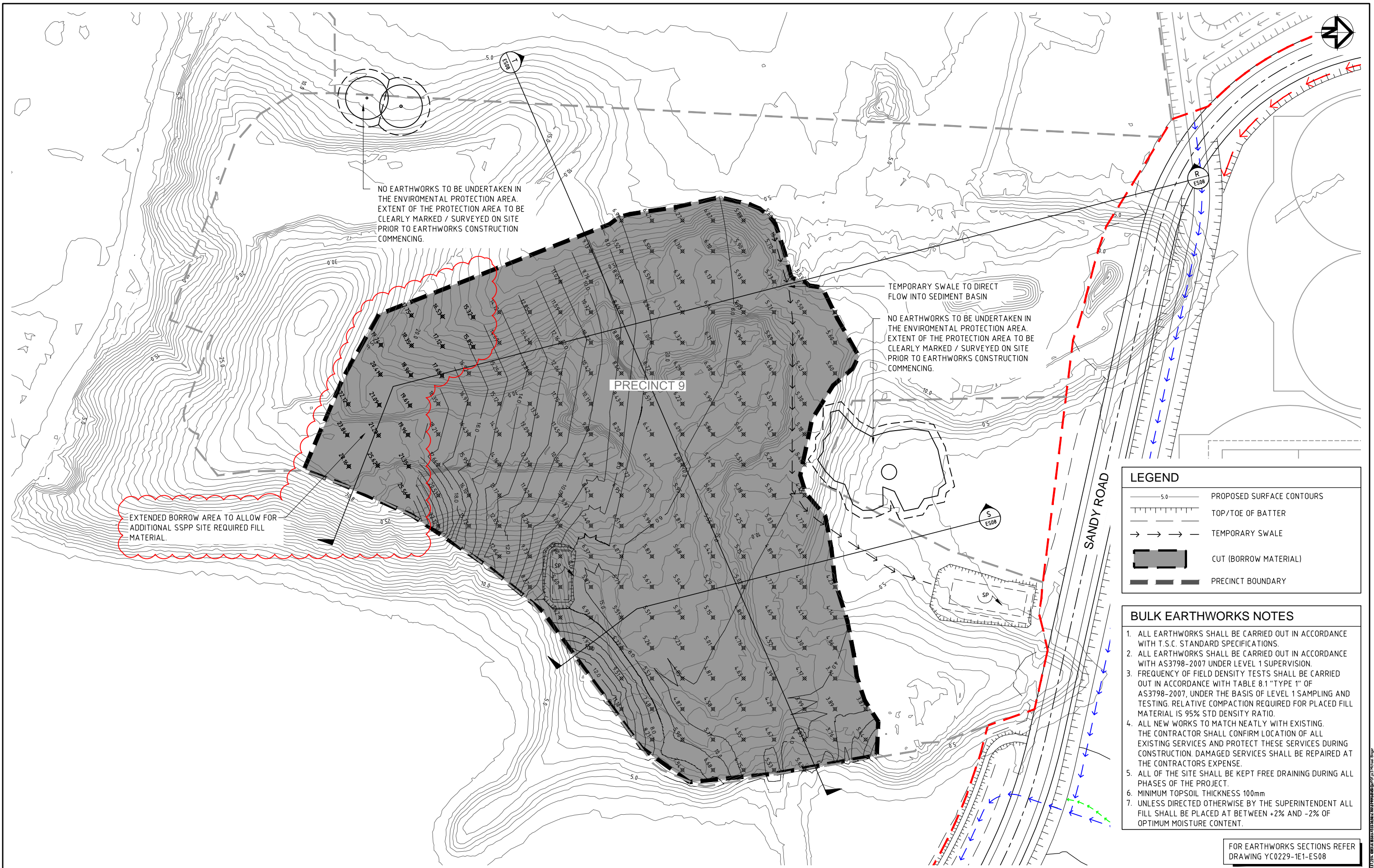
A1

PROJECT

COBAKI, TWEED HEADS WEST
CENTRAL OPEN SPACE
BULK EARTHWORKS
CONSTRUCTION CERTIFICATE
CIVIL ENGINEERING DRAWINGS

LEVEL 1, 193 FERRY ROAD SOUTHPORT QLD 4215 AUSTRALIA
T 07 5558 4200 F 07 5503 1672 info@yeats.com.au www.yeats.com.au

TITLE					
EROSION & SEDIMENT CONTROL PLAN					
SHEET 1 OF 2					
TASK	BY	INITIAL	DATE	APPROVED	RPEQ No
REVIEW					
DESIGN					
DRAWN					
				DRAWING NUMBER	REVISION
				YC0229-1E1-E01	G



NO EARTHWORKS TO BE UNDERTAKEN IN THE ENVIRONMENTAL PROTECTION AREA. EXTENT OF THE PROTECTION AREA TO BE CLEARLY MARKED / SURVEYED ON SITE PRIOR TO EARTHWORKS CONSTRUCTION COMMENCING.

TEMPORARY SWALE TO DIRECT FLOW INTO SEDIMENT BASIN

NO EARTHWORKS TO BE UNDERTAKEN IN THE ENVIRONMENTAL PROTECTION AREA. EXTENT OF THE PROTECTION AREA TO BE CLEARLY MARKED / SURVEYED ON SITE PRIOR TO EARTHWORKS CONSTRUCTION COMMENCING.

EXTENDED BORROW AREA TO ALLOW FOR ADDITIONAL SSPP SITE REQUIRED FILL MATERIAL.

PRECINCT 9

LEGEND	
	5.0 PROPOSED SURFACE CONTOURS
	TOP/TOE OF BATTER
	TEMPORARY SWALE
	CUT (BORROW MATERIAL)
	PRECINCT BOUNDARY

- BULK EARTHWORKS NOTES**
1. ALL EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH T.S.C. STANDARD SPECIFICATIONS.
 2. ALL EARTHWORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH AS3798-2007 UNDER LEVEL 1 SUPERVISION.
 3. FREQUENCY OF FIELD DENSITY TESTS SHALL BE CARRIED OUT IN ACCORDANCE WITH TABLE 8.1 "TYPE 1" OF AS3798-2007, UNDER THE BASIS OF LEVEL 1 SAMPLING AND TESTING. RELATIVE COMPACTION REQUIRED FOR PLACED FILL MATERIAL IS 95% STD DENSITY RATIO.
 4. ALL NEW WORKS TO MATCH NEATLY WITH EXISTING. THE CONTRACTOR SHALL CONFIRM LOCATION OF ALL EXISTING SERVICES AND PROTECT THESE SERVICES DURING CONSTRUCTION. DAMAGED SERVICES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
 5. ALL OF THE SITE SHALL BE KEPT FREE DRAINING DURING ALL PHASES OF THE PROJECT.
 6. MINIMUM TOPSOIL THICKNESS 100mm
 7. UNLESS DIRECTED OTHERWISE BY THE SUPERINTENDENT ALL FILL SHALL BE PLACED AT BETWEEN +2% AND -2% OF OPTIMUM MOISTURE CONTENT.

FOR EARTHWORKS SECTIONS REFER DRAWING YC0229-1E1-ES08

CONSTRUCTION CERTIFICATE		FOR APPROVAL	
C	BORROW AREA EXTENDED	M.B.	11.07.14
B	RESPONSE TO TSC COMMENTS (RE: MP08_0200 Mod 2)	C.S.	10.03.14
A	ORIGINAL ISSUE	G.S.	11.12.13
REV	DESCRIPTION	DRAWN	DATE

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SCALE (AT ORIGINAL SHEET SIZE)

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ORIGINAL SHEET SIZE

A1

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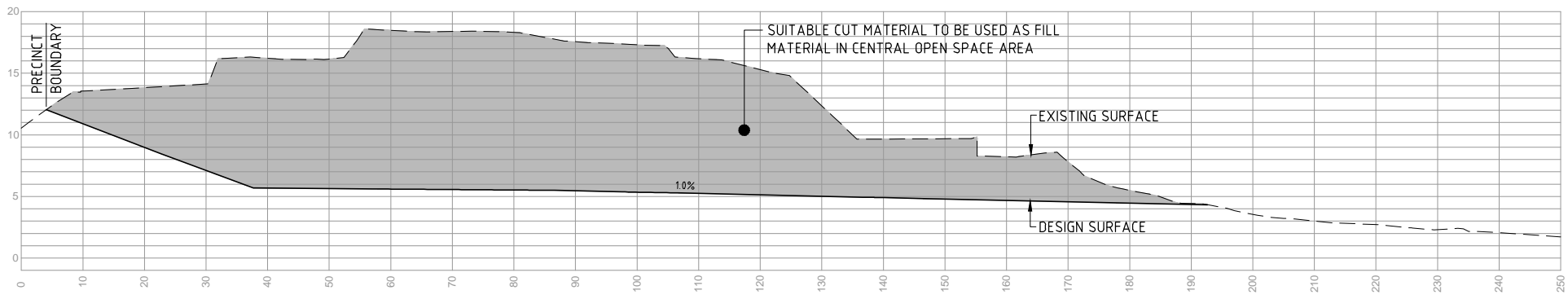
LEDA MANORSTEAD Pty Ltd

PROJECT

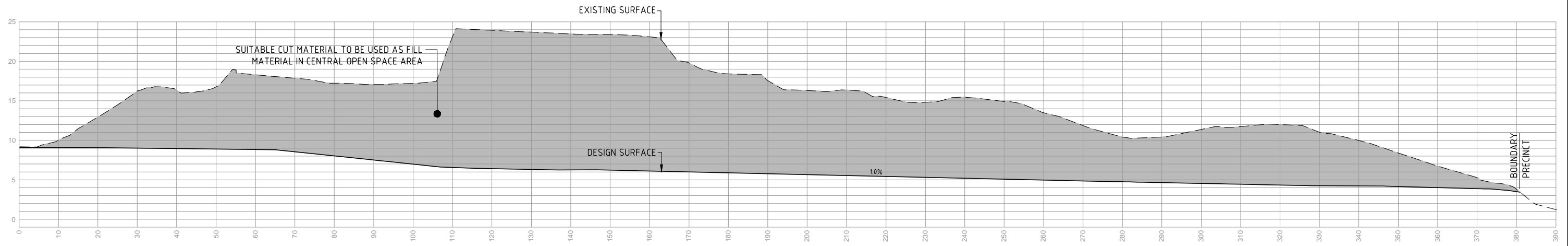
COBAKI, TWEED HEADS WEST
CENTRAL OPEN SPACE
BULK EARTHWORKS
CONSTRUCTION CERTIFICATE
CIVIL ENGINEERING DRAWINGS

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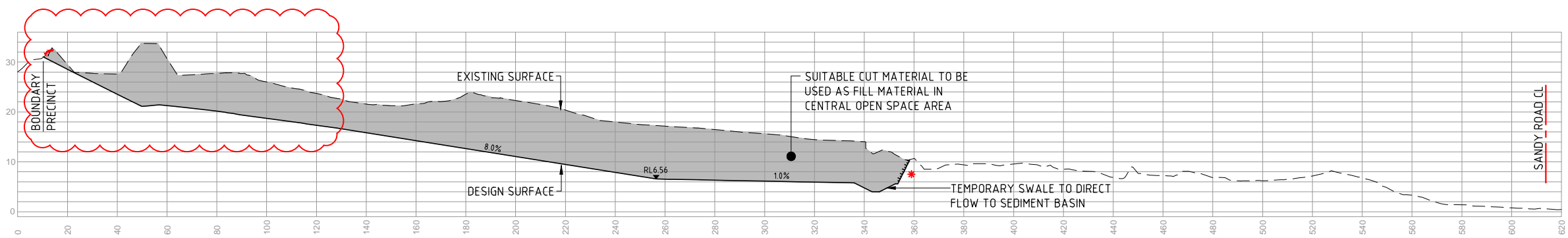
TITLE		PRECINCT 9 BORROW AREA EARTHWORKS PLAN			
TASK	BY	INITIAL	DATE	APPROVED	RPEQ No
REVIEW	CS		11.12.13		
DESIGN	CJE		11.12.13		
DRAWN	GS		11.12.13		
DRAWING NUMBER				YC0229-1E1-EW13	REVISION
					C



SECTION **S**
SCALE 1:500 h
SCALE 1:250 v



SECTION **T**
SCALE 1:500 h
SCALE 1:250 v



SECTION **R**
SCALE 1:1000 h
SCALE 1:500 v



NOTE
* CONTRACTOR TO APPLY A TEMPORARY 1 in 2 BATTER AT THIS LOCATION DURING BULK EARTHWORKS PHASE. LANDFORMING OF FUTURE EARTHWORKS IS TO BE UNDERTAKEN AS PART OF FUTURE WORKS OF PRECINCT 9 AND SHALL NOT BE INCLUDED IN THE BORROW AREAS FOR THE CENTRAL OPEN SPACE.

LEGEND

	FINAL DESIGN SURFACE
	EXISTING DESIGN SURFACE
	TEMPORARY 1 in 2 BATTER
	CUT (BORROW MATERIAL)

STATUS		FOR APPROVAL	
D	EXTENDED BORROW AREA	M.B.	11.07.14
C	AS CONSTRUCTED DTM ADDED	M.B.	20.05.14
B	RESPONSE TO TSC COMMENTS (RE: MP08_0200 Mod 2)	C.S.	10.03.14
A	ORIGINAL ISSUE	G.S.	11.12.13
REV	DESCRIPTION	DRAWN	DATE

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SCALE (AT ORIGINAL SHEET SIZE)

AS SHOWN

CLIENT

LEDA MANORSTEAD Pty Ltd

ORIGINAL SHEET SIZE

A1

PROJECT

COBAKI, TWEED HEADS WEST
CENTRAL OPEN SPACE
BULK EARTHWORKS
CONSTRUCTION CERTIFICATE
CIVIL ENGINEERING DRAWINGS

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TITLE

PRECINCT 9
BORROW AREA EARTHWORKS SECTIONS

TASK	BY	INITIAL	DATE	APPROVED	RPEQ No
REVIEW	CS		11.12.13		
DESIGN	MB		11.12.13		
DRAWN	GS		11.12.13		

DRAWING NUMBER: YC0229-1E1-ES08

REVISION: D