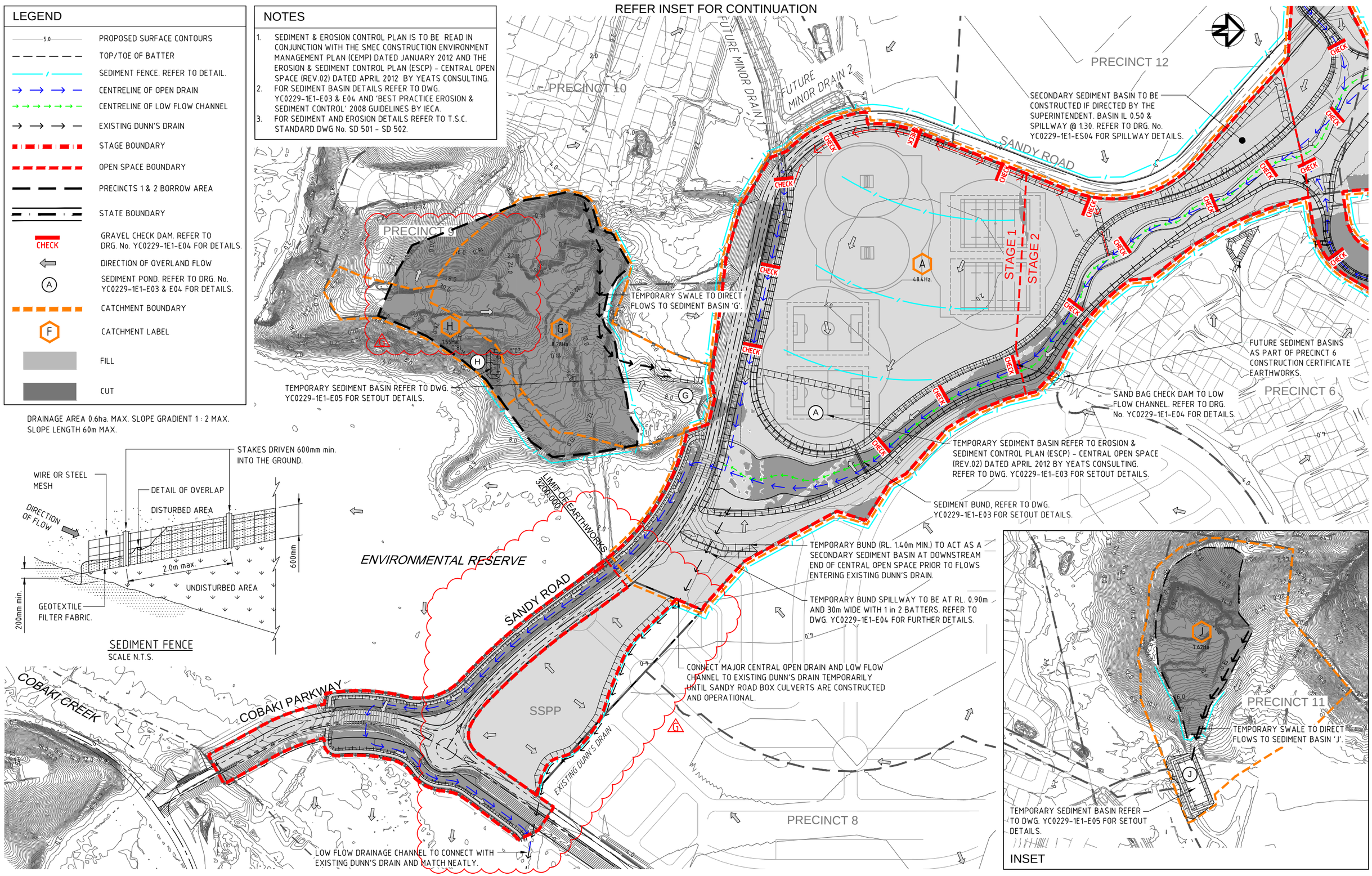
LEGEND

- 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
- CHECK — GRAVEL CHECK DAM. REFER TO DRG. No. YC0229-1E1-E04 FOR DETAILS.
- DIRECTION OF OVERLAND FLOW
- (A) SEDIMENT POND. REFER TO DRG. No. YC0229-1E1-E03 & E04 FOR DETAILS.
- CATCHMENT BOUNDARY
- (F) 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.



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

SEDIMENT FENCE
SCALE N.T.S.

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

ORIGINAL SHEET SIZE: A1

CLIENT: LEDA MANORSTEAD Pty Ltd

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

SEDGMAN YEATS
LEVEL 1, 193 FERRY ROAD SOUTHPORT QLD 4215 AUSTRALIA
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TITLE: EROSION & SEDIMENT CONTROL PLAN
SHEET 1 OF 2

TASK	BY	INITIAL	DATE
REVIEW			
DESIGN			
DRAWN			

APPROVED | RPEQ No

DRAWING NUMBER: YC0229-1E1-E01 | REVISION: G

TO PIGGABEEN ROAD

5.0m WIDE 1 IN 4 ACCESS TO OPEN DRAIN. CONNECT TO TOP OF LOW FLOW BUND. REFER TO DWG YC0229-1E1-ES03 FOR DETAILS.

3.5m WIDE LOW FLOW DIVERSION BUND PROVIDING VEHICLE ACCESS. REFER TO DWG YC0229-1E1-ES03 & YC0229-1E1-SW05

PROPOSED STORMWATER CULVERTS 'A' FOR DETAILS REFER TO DWG YC0229-1E1-SW01 & SW02

5.0m WIDE BUND SECTION FOR VEHICLE PASSING BAY.

PROPOSED REGIONAL PUMP STATION PAD

ENVIRONMENTAL RESERVE

BALANCE OF SANDY ROAD (CH3200 TO END) & COBAKI PARKWAY TO BE DOCUMENTED UNDER SUBSEQUENT CONSTRUCTION CERTIFICATE DOCUMENTATION

3.5m WIDE LOW FLOW DIVERSION BUND PROVIDING VEHICLE ACCESS. REFER TO DWG YC0229-1E1-ES03 & YC0229-1E1-SW05

5.0m WIDE BUND SECTION FOR VEHICLE PASSING BAY.

REMOVAL OF EXISTING HAUL ROAD. NOT PART OF BULK EARTHWORKS CC.

FUTURE STORMWATER CULVERTS 'B' NOT PART OF BULK EARTHWORKS CC.

5.0m WIDE 1 IN 4 ACCESS TO OPEN DRAIN TO BE 150mm REINFORCED (SL72) CONCRETE ON 100mm THICK COMPACTED ROAD BASE - QLD MR TYPE 2.2. NOT PART OF BULK EARTHWORKS CC.

CONCRETE GROUTED 200mm MIN. STONE PITCHING TO PROTECT BUND FROM HIGH VELOCITIES. REFER TO DWG. YC0229-1E1-ES03. NOT PART OF BULK EARTHWORKS CC.

PRECINCT 9

LIMIT OF EARTHWORKS

LOW FLOW DRAINAGE CHANNEL

SANDY ROAD

FUTURE 5.0m WIDE 1 IN 4 ACCESS TO MAJOR CENTRAL OPEN DRAIN FROM SANDY ROAD. CONNECT TO PROPOSED MAINTENANCE ACCESS TRACK.

SOUTHERN SPECIAL PURPOSE PRECINCT

COBAKI PARKWAY

LOW FLOW DRAINAGE CHANNEL

5.0m WIDE LOW FLOW DIVERSION BUND PROVIDING VEHICLE ACCESS. REFER TO DWG YC0229-1E1-ES03 & YC0229-1E1-SW05

ENVIRONMENTAL RESERVE

LIMIT OF ROAD WORKS CH3580.000

BATTER 1 in 2 (MAX.) FROM FILL PLATFORM TO DUNN'S DRAIN. TOE OF BATTER TO BE SET BACK 2m FROM DRAIN TOP OF BANK.

CONNECT MAJOR CENTRAL OPEN DRAIN AND LOW FLOW CHANNEL TO EXISTING DUNN'S DRAIN TEMPORARILY UNTIL SANDY ROAD BOX CULVERTS ARE CONSTRUCTED AND OPERATIONAL.

FILLING OF EXISTING DRAIN TO BE UNDERTAKEN ONCE DRAIN DIVERSION WORKS ARE COMPLETED (EXTERNAL LOW FLOW CHANNEL - SOUTH OF SANDY ROAD) AND APPROVAL OF APPLICABLE MANAGEMENT PLANS (ie. SITE REGENERATION & REVEGATION PLAN).

FUTURE 5.0m WIDE MAINTENANCE ACCESS TRACK ALONG THE MAJOR CENTRAL OPEN DRAIN. REFER TO DWG YC0229-1E1-ES03 FOR DETAILS.

FUTURE 5.0m WIDE MAINTENANCE ACCESS TRACK ALONG EXISTING DUNN'S DRAIN. EXISTING TRACK FORMATION TO BE UTILISED AS THE ACCESS TRACK.

EXISTING DUNN'S DRAIN

FUTURE 5.0m WIDE 1 IN 4 ACCESS TO EXISTING DUNN'S DRAIN FROM COBAKI PARKWAY. CONNECT TO PROPOSED MAINTENANCE ACCESS TRACK.

PRECINCT 8

FOR CONTINUATION REFER TO SHEET 1

FOR CONTINUATION REFER TO SHEET 3

× FOR BULK EARTHWORKS NOTES & LEGEND REFER TO SHEET 1

SSPP EARTHWORKS VOLUMES:

FILL MATERIAL REQUIRED = 131,000m3

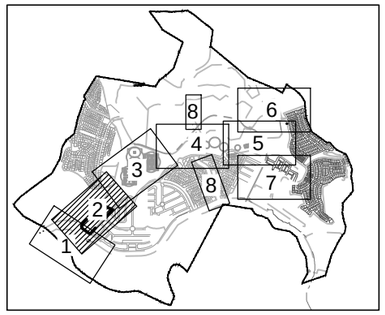
ADDITIONAL FILL REQUIRED TO ALLOW FOR 15% COMPACTION LOSS= 19,650m3

ADDITIONAL 800mm THICK LAYER OF MATERIAL REQUIRED TO ALLOW FOR ANTICIPATED SETTLEMENT = 30,000m3

TOTAL MATERIAL REQUIRED = 180,650m3

KEY SHEET PLAN

NOT TO SCALE



STATUS	CONSTRUCTION CERTIFICATE		FOR APPROVAL
F	ADDITIONAL FILL ZONE TO SSPP (MP08_0200 Mod 3)	C.S.	30.06.14
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
A	ORIGINAL ISSUE	G.S.	18.03.11
REV	DESCRIPTION	DRAWN	DATE

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SCALE (AT ORIGINAL SHEET SIZE) 10 0 10 20 30 40 50 SCALE 1:1000

ORIGINAL SHEET SIZE A1

CLIENT
LEDA MANORSTEAD Pty Ltd

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

SEDGMAN YEATS
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TITLE
BULK EARTHWORKS LAYOUT PLAN
SHEET 2 OF 8

TASK	BY	INITIAL	DATE
REVIEW	CS		18.03.11
DESIGN	CJE		18.03.11
DRAWN	GS		18.03.11

APPROVED RPEQ No

DRAWING NUMBER YC0229-1E1-EW02 REVISION F