

CLIENT
HENLIA NO. 9 PTY LIMITED

PROJECT
**PROPOSED
RECONFIGURATION
LOT 1 ON SP246466**

LOCAL AUTHORITY
IPSWICH CITY COUNCIL

NOTES

(i) This plan was prepared for the purpose and exclusive use of HENLIA NO. 9 PTY LIMITED to accompany an application to IPSWICH CITY COUNCIL for approval to reconfigure the land described in this plan and is not to be used for any other purpose or by any other person or corporation.
LandPartners Limited accepts no responsibility for any loss or damage suffered howsoever arising to any person or corporation who may use or rely on this plan in contravention of the terms of this clause or clauses (i), (ii) or (iv) hereof.

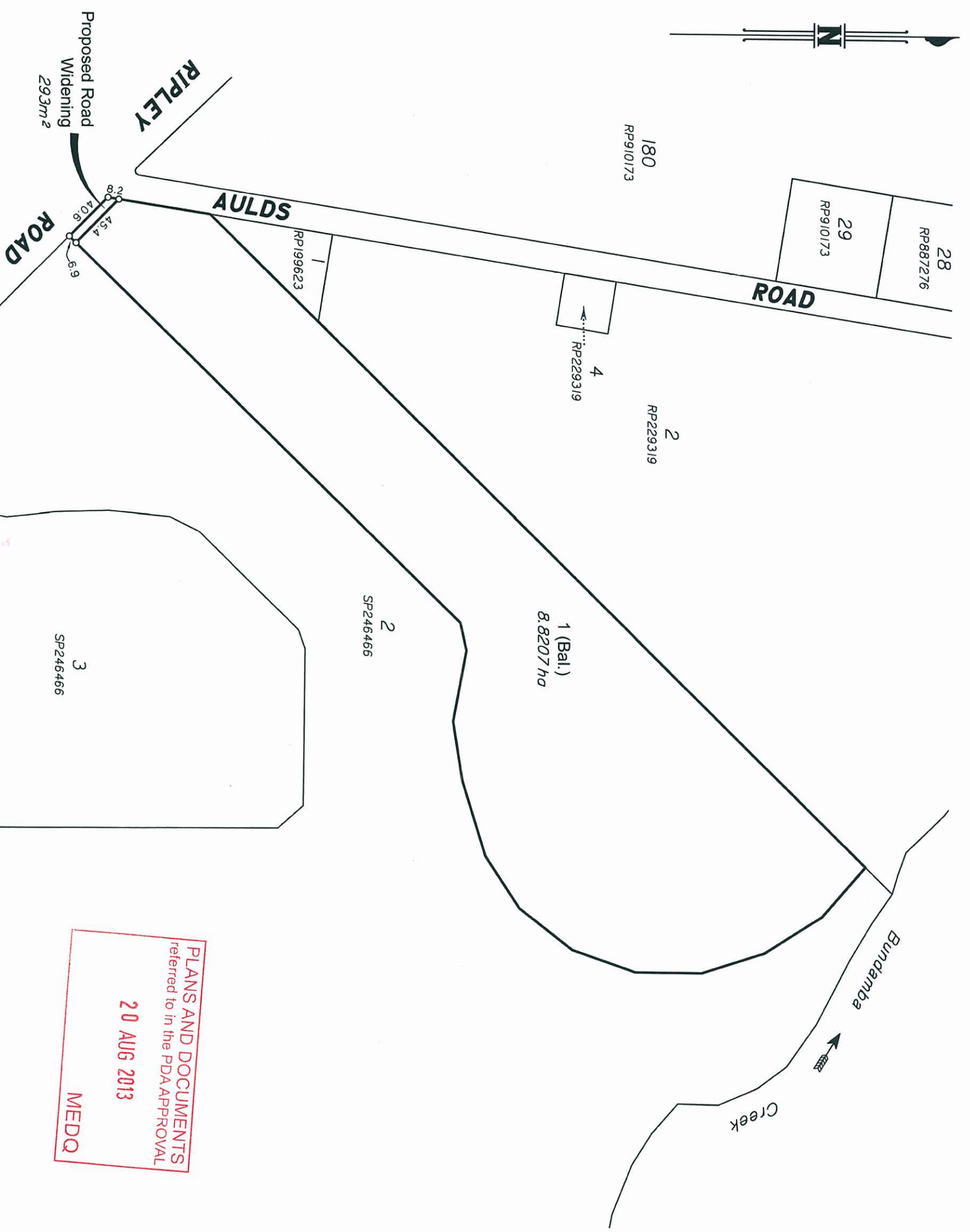
(ii) The contours shown in this plan are suitable only for the purposes of this application. The accuracy of the contours has not been verified and no reliance should be placed upon such contours for any other purpose other than the purpose of this application for reconfiguration.
(iii) The dimensions, areas, number of lots, size and location of improvements & flood information (if shown) are approximate only and may vary.
(iv) This plan may not be copied unless these notes are included.

STAGE	NO. OF LOTS	NEW ROAD	AREA OF PARK	TOTAL AREA
1				8.85ha
TOTAL	1			8.85ha



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13 Railway Terrace
Milton QLD 4064
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Email: info@landpartners.com.au
www.landpartners.com.au
ASIC 9901 2008
AS 53063

LEVEL DATUM	N/A		
LEVEL ORIGIN	N/A		
CONTOUR INTERVAL	N/A		
COMPUTER FILE	364904H1		
DRAWN	LFB	DATE	04/07/2013
CHECKED	MEA	DATE	04/07/2013
APPROVED	-	DATE	-
PLAN NUMBER	BRSS3649.001-011		
REV	C		



PLANS AND DOCUMENTS
referred to in the PDA APPROVAL
20 AUG 2013
MEDQ

NOTE: ALL DIMENSIONS (ROUNDED TO 0.1m) AND AREAS ON THIS PLAN ARE SUBJECT TO SURVEY AND REQUIREMENTS FOR LODGEMENT OF SURVEY PLANS IN THE DEPT. OF NATURAL RESOURCES AND MINES.

CHENLIA NO. 9 PTY LIMITED

**PROPOSED
RECONFIGURATION
LOT 2 ON SP246466**

(i) This plan was prepared for the purpose and exclusive use of HENSLA NO. 9 PTY LIMITED to accompany an application to IPSMWCH CITY COUNCIL for approval to reconfigure the land described in this plan and is not to be used for any other purpose or by any other person or corporation.

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PLAN NUMBER
BRSS3649.001-012

NOTE: ALL DIMENSIONS (ROUNDED TO 0.1m) AND AREAS ON THIS PLAN ARE SUBJECT TO SURVEY AND REQUIREMENTS FOR LODGEMENT OF SURVEY PLANS IN THE DEPT. OF NATURAL RESOURCES AND MINES

HENLIA NO. 9 PTY LIMITED

**PROPOSED
RECONFIGURATION
LOT 3 ON SP246466**

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STAGE	No. OF LOTS	NEW ROAD	AREA OF PARK	TOTAL AREA
TOTAL	1	-		8.42ha

- (ii) The contours shown in this plan are suitable only for the purposes of this application. The accuracy of the contours has not been verified and no reliance should be placed upon such contours for any other purposes other than the purpose of this application for reconfiguration.
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BSI
ISO 9001:2000
FS 535063

LEVEL DATUM	N/A
LEVEL ORIGIN	N/A
CONTOUR INTERVAL	N/A
COMPUTER FILE	36490.HH
DRAWN	LFB
CHECKED	MEA
APPROVED	-
DATE	04/07/2013
DATE	04/07/2013
DATE	-

NOTE: ALL DIMENSIONS (ROUNDED TO 0.1m) AND AREAS ON THIS PLAN ARE SUBJECT TO SURVEY AND REQUIREMENTS FOR LODGEMENT OF SURVEY PLANS IN THE DEPT. OF NATURAL RESOURCES AND MINES

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HENLIA NO. 9 PTY LIMITED

**PROPOSED
RECONFIGURATION
LOT 4 ON SP246466**

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(iii) The dimensions, areas, number of lots, size and location of improvements & flood information (if shown) are approximate only and may vary.

STAGE	No. OF LOTS	NEW ROAD	AREA OF PARK	TOTAL AREA
-------	-------------	----------	--------------	------------

TOTAL	1	-			21.3ha

40m	0	60	140m
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ISO 9001:2000

APPROVED	DATE

PLAN NUMBER
BRSS3649.001-014

NOTE: ALL DIMENSIONS (ROUNDED TO 0.1m) AND AREAS ON THIS PLAN ARE SUBJECT TO SURVEY AND REQUIREMENTS FOR LODGEMENT OF SURVEY PLANS IN THE DEPT. OF NATURAL RESOURCES AND MINES

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

MEDO

20 AUG 2013

Bundamba

2
SP246466

4 (Bal.)
21.1423 ha

3
SP246466

Proposed Road Widening

1577m²

RIPLEY

166.5

162.4

14.4

7.8

162.4

5
SP246466

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CLIENT

HENLIA NO. 9 PTY LIMITED

PROJECT

PROPOSED
RECONFIGURATION
LOT 5 ON SP246466

LOCAL AUTHORITY
IPSWICH CITY COUNCIL

NOTES

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STAGE	No. OF LOTS	NEW ROAD	AREA OF PARK	TOTAL AREA
-------	-------------	----------	--------------	------------

TOTAL	1	-		20.74ha

SCALE BAR



SCALE 1:2500 @ A3



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FS 55546



LEVEL DATUM N/A

LEVEL ORIGIN N/A

CONTOUR INTERVAL N/A

COMPUTER FILE 364901H1

DRAWN LFB DATE 04/07/2013

CHECKED MEA DATE 04/07/2013

APPROVED DATE

PLAN NUMBER BRSS3649.001-015

REV C



4
SP246466

2
SP246466

Bundamba



Creek

5 (Bal.)
20.3428 ha

RIPLEY

377.4
443.4

Proposed Road
Widening
3972m²

ROAD

2
SP200941

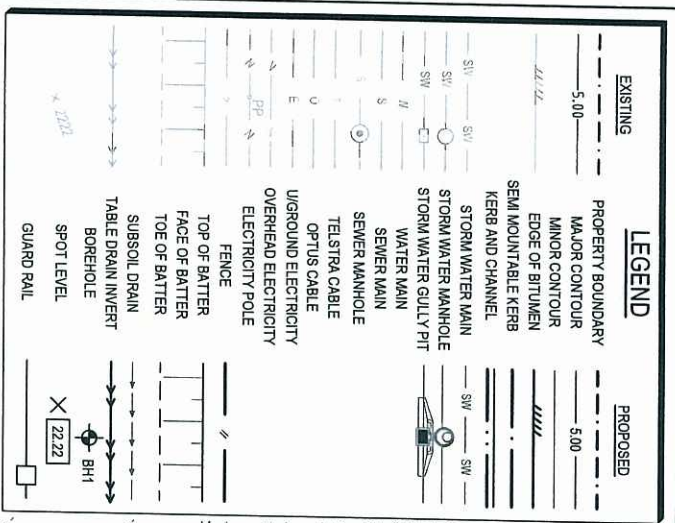
74.1
8.0
24
SP200943

SP200942

SP200942

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL
20 AUG 2013
MEDQ

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PAVEMENT DESIGN

DESIGN ESRS = 12x10⁷

ASSUME SUBGRADE CBR = 3%

45mm ASPHALT DGI44MM WEARING COURSE

(TOLERANCE -45 / -10mm)

170 TOP COURSE TYPE 2.1 (MIN CBR 80)

150 MIDDLE COURSE TYPE 2.3 (MIN CBR 45)

330 BASE COURSE TYPE 2.5 (MIN CBR 15)

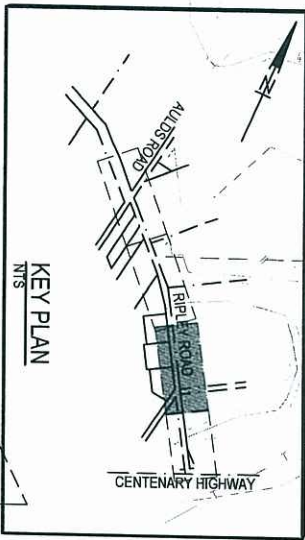
PLACED IN TWO 170mm LAYERS

RIPLEY ROAD									
PAVEMENT DESIGN									
DESIGN ESRS = 12x10 ⁷									
ASSUME SUBGRADE CBR = 3%									
45mm ASPHALT DGI44MM WEARING COURSE									
(TOLERANCE -45 / -10mm)									
170 TOP COURSE TYPE 2.1 (MIN CBR 80)									
150 MIDDLE COURSE TYPE 2.3 (MIN CBR 45)									
330 BASE COURSE TYPE 2.5 (MIN CBR 15)									
PLACED IN TWO 170mm LAYERS									
Horizontal Curve Data									
Vertical Geometry Grade (%)									
Vertical Grade Length (m)									
Vertical Curve Length (m)									
Vertical Curve Radius (m)									
DATUM R.L. 44.000									
KERB LEVELS									
LHS									
KERB LEVELS									
RHS									
NATURAL SURFACE LEVELS									
CUT / FILL DEPTH									
DESIGN SURFACE LEVELS									
CHAINAGE									
3520	47.103	2.421	49.524	47.253	46.884				
3525	47.233	2.576	49.809	47.383	47.015				
3527.5	47.300	2.638	49.938	47.450	47.081				
3540	47.616	2.940	50.557	47.766	47.398				
3560	48.053	3.150	51.203	48.203	47.834				
3580	48.403	3.133	51.537	48.553	48.185				
3582.32	48.438	3.099	51.538	48.588	48.220				
3582.32	48.438	3.099	51.538	48.588	48.220				
3600	48.667	2.772	51.439	48.817	48.449				
3610	48.767	2.463	51.230	48.917	48.548				
3620	48.845	2.127	50.972	48.995	48.626				
3640	48.936	1.374	50.311	49.086	48.718				
3651.26	48.950	0.887	49.837	49.100	48.732				
3660	48.942	0.510	49.452	49.092	48.723				
3680	48.861	-0.325	48.536	49.011	48.643				
3692.5	48.767	-0.709	48.058	48.917	48.548				
3700	48.700	-0.872	47.828	48.850	48.482				
3711.29	48.600	-1.181	47.419	48.750	48.381				
3720	48.527	-1.199	47.328	48.677	48.309				
3727.16	48.475	-1.195	47.280	48.626	48.257				
3740	48.399	-1.225	47.174	48.549	48.181				
3750.21	48.354	-1.211	47.144	48.504	48.136				
3760	48.324	-1.146	47.178	48.474	48.106				
3778.32	48.302	-0.991	47.311	48.452	48.084				
3778.79	48.302	-0.987	47.315	48.452	48.084				
3780	48.302	-0.978	47.324	48.452	48.084				
3800	48.333	-0.709	47.624	48.483	48.115				
3820	48.417	-0.277	48.141	48.567	48.199				
3823.23	48.436	-0.192	48.244	48.586	48.217				
3840	48.554	0.430	48.984	48.704	48.336				
3846.29	48.608	0.689	49.298	48.758	48.390				
3860	48.732	1.223	49.955	48.882	48.513				

PLAN - MC RIPLEY RAISED

SCALE 1:500

SCALE 1:500



NOTE:

1. ALL EXISTING BATTERS TO BE STABILIZED WITH TOPSOIL AND SURFACE TREATMENT AS SOON AS POSSIBLE AFTER ESTABLISHMENT. REFER TO LANSKAP ARCHITECTS DRAWINGS.

2. ALL BATTERS ARE 1 IN 4 UNLESS SHOWN OTHERWISE.

3. FOR TABLE DRAIN AND BOUND DETAILS REFER DRAWING 3873-06-1, 101-103 & BE 2.01.

4. FOR ELECTRICAL AND COMMS RELOCATIONS REFER ELECTRICAL ENGINEERS DRAWINGS.

5. ALL PITS NOT BEING RELOCATED ARE TO BE RAISED TO SUIT NEW PAVEMENT LEVELS.

6. PROPOSED FENCE TO BE 3 STRAND BARB-WIRE FENCE.

7. THE CONTRACTOR IS TO LOCATE AND VERIFY DEPTHS OF ALL EXISTING SERVICES BEFORE THE COMMENCEMENT OF WORK.

8. FOR EXISTING PAVEMENT TO NEW PAVEMENT CONNECTION REFER TYPICAL DETAILS DWG No. 5873-S-ER.2.101.

LONGITUDINAL SECTION - MC RIPLEY RAISED

VERT. SCALE 1:50

HOR. SCALE 1:500

SCALE AS SHOWN

DESIGN LW

DRAWN LW

CHECKED: 5/27/2010

DATE: DEC 2010

ISSUED FOR APPROVAL

AMENDED IN RED

PLANS AND DOCUMENTS

referred to in the PDA APPROVAL

08 AUG 2013

By: *Pat Chiu*

(name)

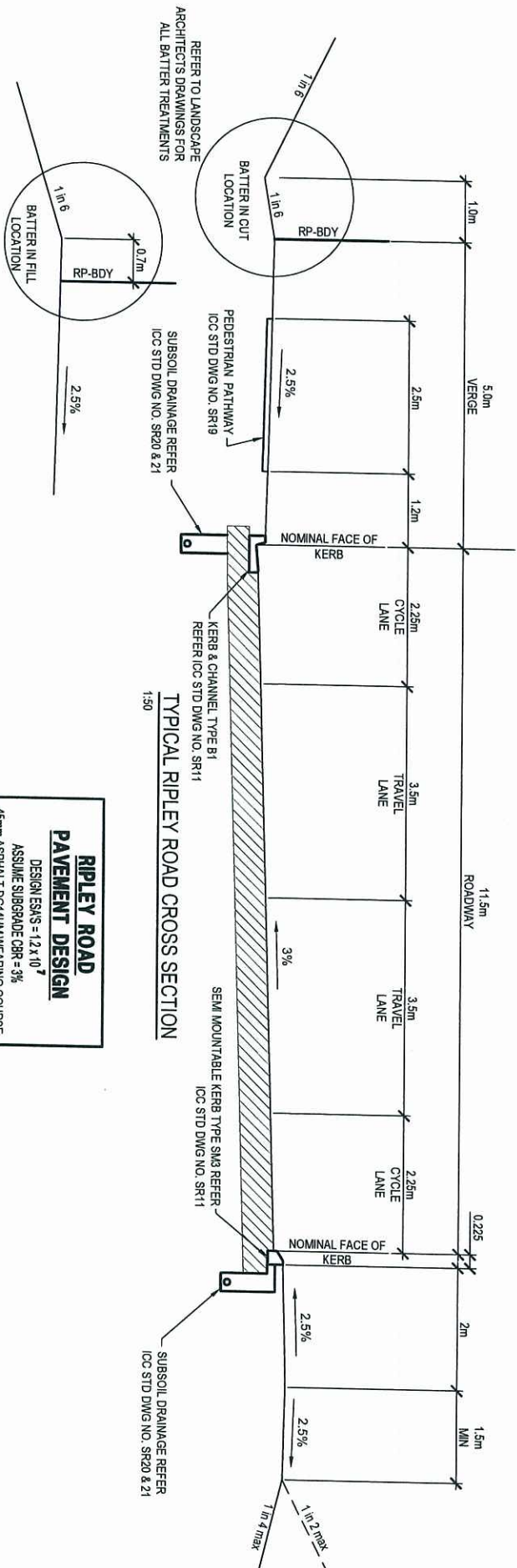
20 AUG 2013

MEDQ

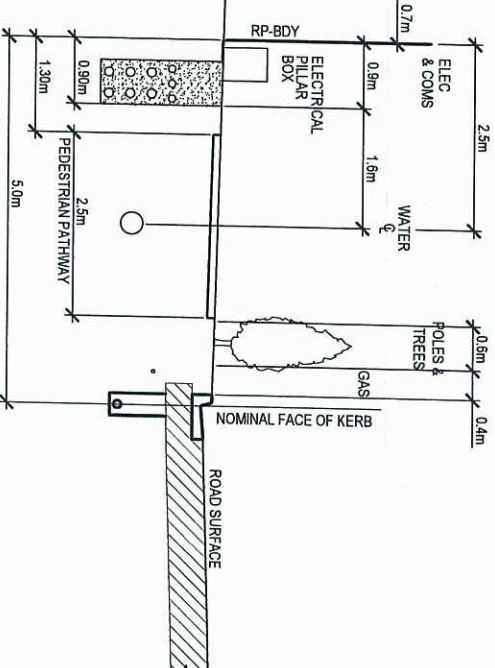
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K	27/06/13	J	GT	ISSUED FOR PDA APPROVAL				
J	07/11/12	ND	GT	ISSUED FOR REVIEW				
H	28/02/11	ND	GT	ISSUED FOR REVIEW				
G	11/02/11	J	GT	ISSUED FOR REVIEW				
DATE								

RIPLEY ROAD	RIPLEY VALLEY
FISCHER ROAD	IPSWICH
TO	
CENTENARY HIGHWAY	
ROADWORKS - PLAN AND LONG.	
CH 3520 TO 3860	

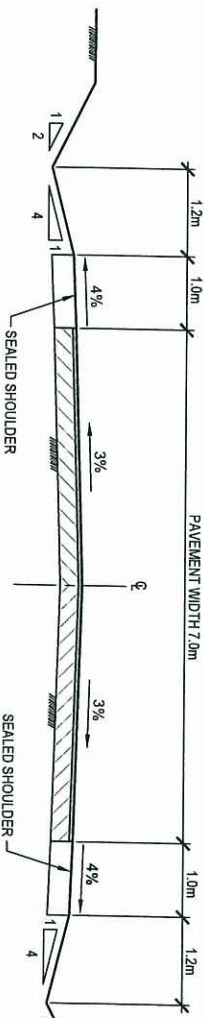
MPN CONSULTING	MPN CONSULTING Pty Ltd
38 Sherwood Road, Ipswich, Qld, 4705	38 Sherwood Road, Ipswich, Qld, 4705
P 07 5511 6677	P 07 5511 6677
F 07 5511 6677	F 07 5511 6677
E info@mpnconsulting.com.au	E info@mpnconsulting.com.au
MPN CONSULTING	MPN CONSULTING
5873 S	5873 S
ER.1.105	ER.1.105
K	K



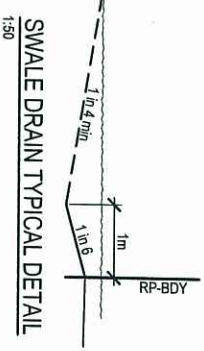
RIPLEY ROAD PAVEMENT DESIGN
 DESIGN E8AS = 12×10^7
 ASSUME SUBGRADE CBR = 3%
 45mm ASPHALT DG-44MM WEARING COURSE (TOLERANCE -5/-10mm)
 170 TOP COURSE TYPE 2.1 (MIN CBR 80)
 150 MIDDLE COURSE TYPE 2.3 (MIN CBR 45)
 330 BASE COURSE TYPE 2.5 (MIN CBR 15)
 PLACED IN TWO 170mm LAYERS



SERVICE LOCATIONS TYPICAL SECTION
 1:50



TYPICAL AULDS ROAD CROSS SECTION
 1:50

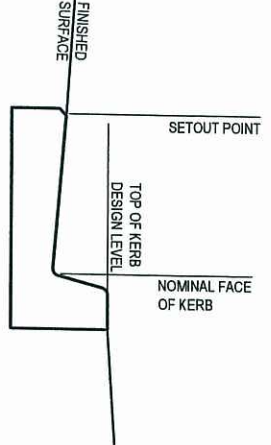


SEWER DRAIN TYPICAL DETAIL
 1:50

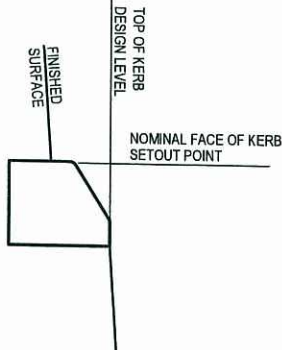
AULDS ROAD PAVEMENT DESIGN

DESIGN E8AS = 5×10^7
 ASSUME SUBGRADE CBR = 3%
 (ACCESS PLACE)

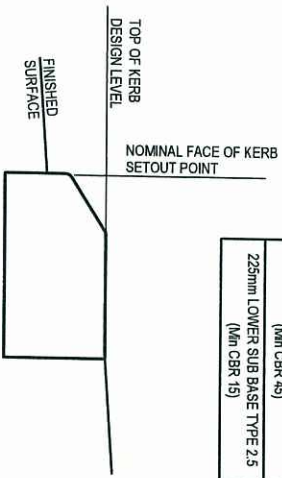
25mm AC	125mm BASE COURSE TYPE 2.1 (Min CBR 80)
100mm UPPER SUB BASE TYPE 2.3 (Min CBR 45)	225mm LOWER SUB BASE TYPE 2.5 (Min CBR 15)



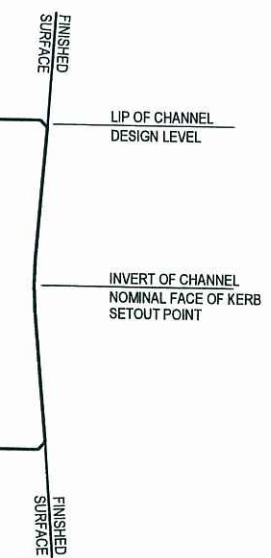
KERB & CHANNEL TYPE B1 SETOUT
 REFER ICC STD DWG NO. SR-11 SCALE 1:10



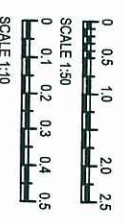
SEMI MOUNTABLE KERB TYPE SM3 SETOUT
 REFER ICC STD DWG NO. SR-11 SCALE 1:10



SEMI MOUNTABLE KERB TYPE SM5 SETOUT
 REFER ICC STD DWG NO. SR-11 SCALE 1:10



INVERT
 REFER ICC STD DWG NO. SR-11 SCALE 1:10

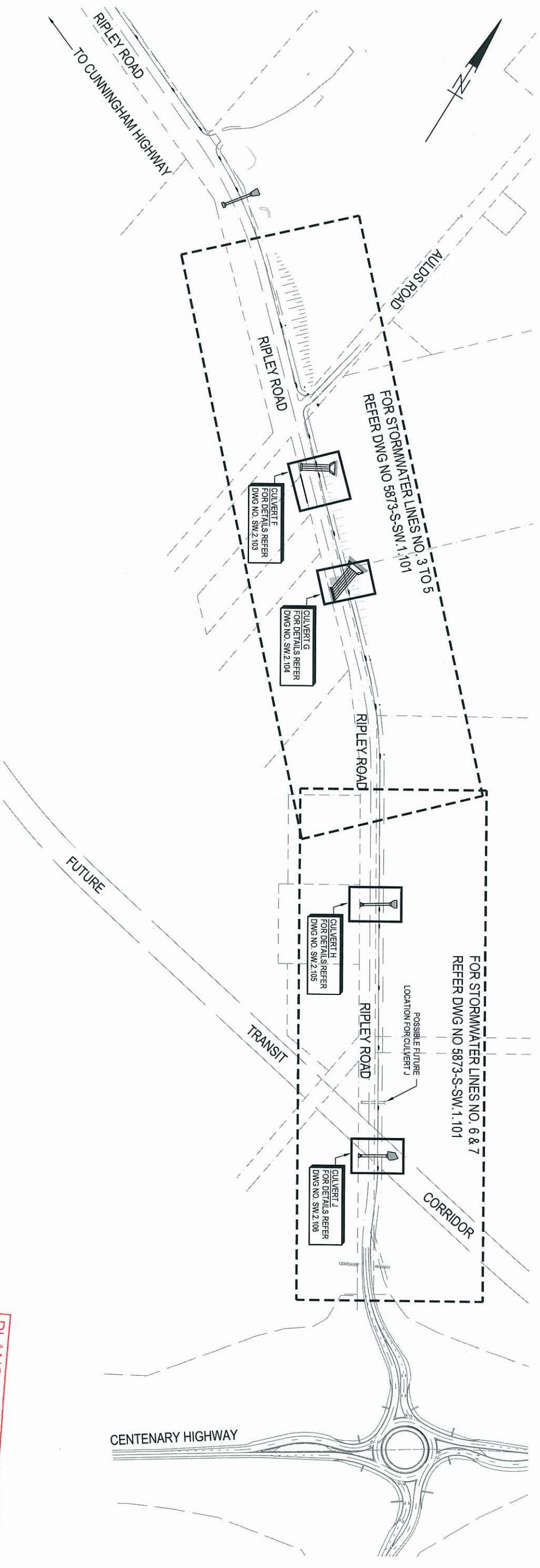


Plan of Development 6/9/6

ISSUE	DATE	BY	APP	AMENDMENT
G	21/06/13	ISSUED FOR EDC APPROVAL		
H	21/06/13	ISSUED FOR EDC APPROVAL		
I	21/06/13	ISSUED FOR EDC APPROVAL		
J	21/06/13	ISSUED FOR EDC APPROVAL		
K	21/06/13	ISSUED FOR EDC APPROVAL		
L	21/06/13	ISSUED FOR EDC APPROVAL		
M	21/06/13	ISSUED FOR EDC APPROVAL		
N	21/06/13	ISSUED FOR EDC APPROVAL		
O	21/06/13	ISSUED FOR EDC APPROVAL		
P	21/06/13	ISSUED FOR EDC APPROVAL		
Q	21/06/13	ISSUED FOR EDC APPROVAL		
R	21/06/13	ISSUED FOR EDC APPROVAL		
S	21/06/13	ISSUED FOR EDC APPROVAL		
T	21/06/13	ISSUED FOR EDC APPROVAL		
U	21/06/13	ISSUED FOR EDC APPROVAL		
V	21/06/13	ISSUED FOR EDC APPROVAL		
W	21/06/13	ISSUED FOR EDC APPROVAL		
X	21/06/13	ISSUED FOR EDC APPROVAL		
Y	21/06/13	ISSUED FOR EDC APPROVAL		
Z	21/06/13	ISSUED FOR EDC APPROVAL		

ISSUED FOR APPROVAL

RIPLEY ROAD FISCHER ROAD TO CENTENARY HIGHWAY	RIPLEY VALLEY IPSWICH	ROADWORKS TYPICAL DETAILS	MPN Consulting 5873 S ER.2.101 H
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Plan of Development 1 of 3

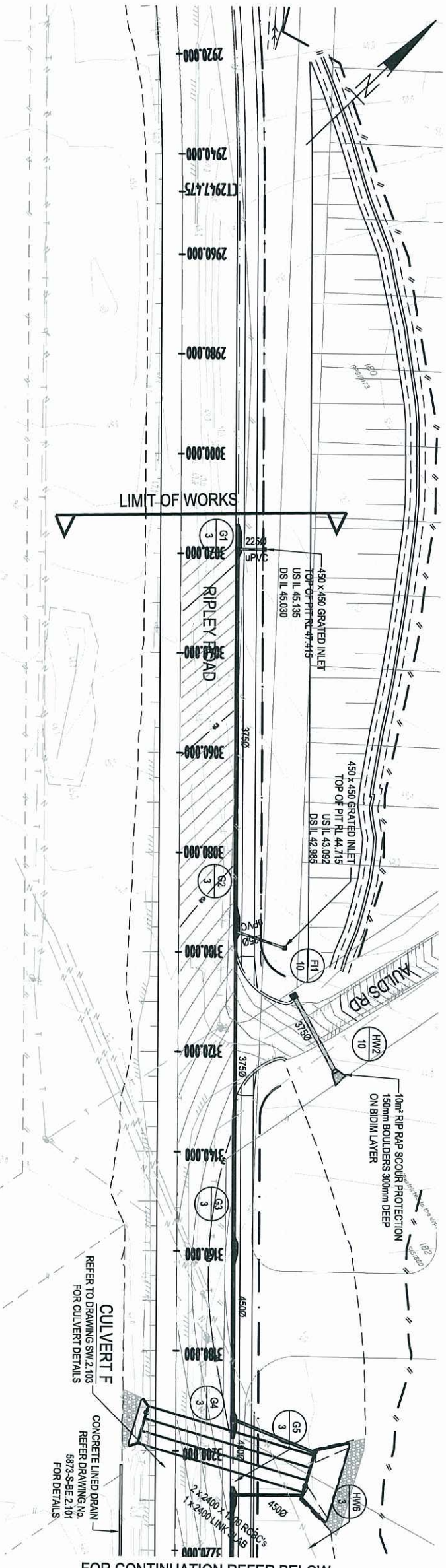
RIPLEY ROAD FISCHER ROAD TO CENTENARY HIGHWAY		SCALE: AS SHOWN		RIPLEY VALLEY IPSWICH		MPN Consulting Pty Ltd 39 Shawwood Road, Toowoomba, QLD 4368 F: 07 3371 3166 E: sales@mpnconsulting.com.au		mpn 305 5873 S	
ISSUE	DATE	AMENDMENT	BY	APP	STORMWATER DRAINAGE INDEX SHEET	DRAWING NO.		REV	D
A	26.11.10	ISSUED FOR REVIEW	JP	GT	 MPN Consulting THIS DRAWING AND THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED CONSISTENT WITH LATED 2010 ©	REV			
B	14.02.11	ISSUED FOR APPROVAL	JP	GT		REV			
C	28.02.11	QA ISSUE	NO	GT		REV			
D	21.06.13	ISSUED FOR PDA APPROVAL	JB	GT		REV			

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL
20 AUG 2013
MEDQ

AMENDED IN RED
08 AUG 2013
By: Pat Liu (name)
MEDQ

ISSUED FOR APPROVAL

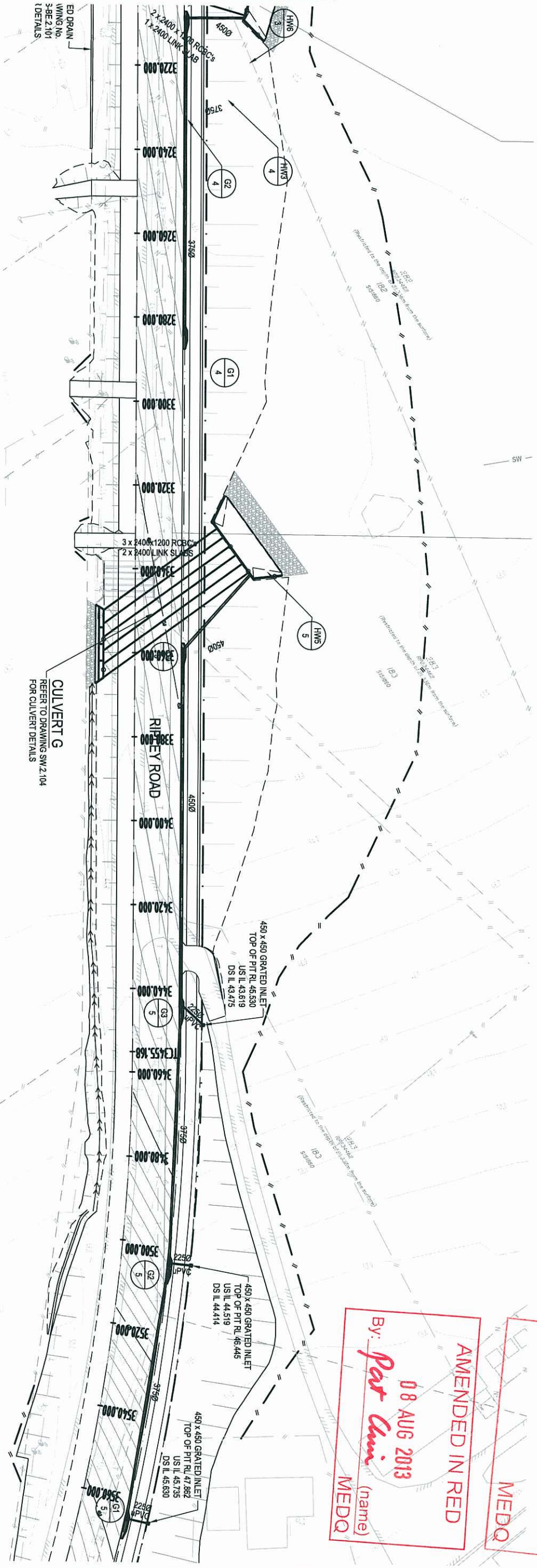




LEGEND

EXISTING	PROPOSED
5.00	PROPERTY BOUNDARY
	MAJOR CONTOUR
	CONCRETE
	SEMI MOUNTABLE KERB
	KERB AND CHANNEL
	EDGE OF BITUMEN
	KERB RAMP
	STORM WATER MAIN
	STORM WATER MANHOLE
	STORM WATER CULITY PIT
	WATER MAIN
	TELSTRA CABLE
	FACE OF BATTER
	TOE OF BATTER
	SCOUR PROTECTION
	CUT OFF DRAIN
	STORM WATER STRUCTURE NUMBER
	STORM WATER LINE NUMBER

PLAN - STORMWATER DRAINAGE
FOR LONG SECTIONS REFER DRAWINGS SW.3.101-103



PLAN - STORMWATER DRAINAGE
FOR LONG SECTIONS REFER DRAWINGS SW.3.101-103

Plan of development 2 of 3

PLANS AND DOCUMENTS referred to in the PDA APPROVAL
20 AUG 2013
AMENDED IN RED
08 AUG 2013
By: Pat Cui MEDQ (name)

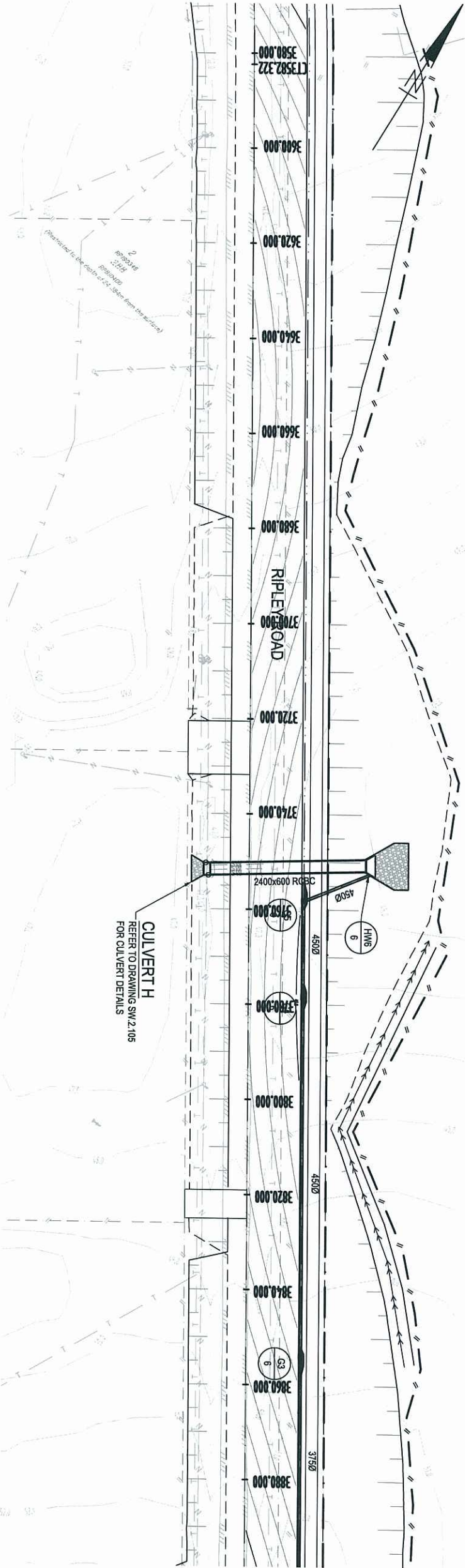
F	27.06.13	ISSUED FOR EDC APPROVAL	J8	GT
E	28.02.11	DA ISSUE	NO	GT
D	18.02.11	ISSUED FOR APPROVAL	JP	GT
C	21.01.11	PERMIT APPLICATION APPROVED	JP	GT
B	26.11.10	BATTER PROTECTION APPROVED	JP	GT
A	06.11.10	ISSUED FOR INFORMATION	JP	GT
ISSUE	DATE	AMENDMENT	BY	APP

DESIGN	CS	SCALE	1:500 @ A1
DRAWN	CS		
CHECKED	SEP 2010		
APPROD	GT		
DATE	DEC 2010		

SEKISUI HOUSE	RIPLEY VALLEY
IPSWICH	
STORMWATER DRAINAGE - PLAN	
SHEET 2	

MPN Consulting Pty Ltd	TOP 03
39 Shaw Road, Trowang, QLD 4069	5873 S
P 61 7 5371 5877	REV
F 61 7 5371 5185	SW.1.102
E: eku@mpnconsulting.com.au	F

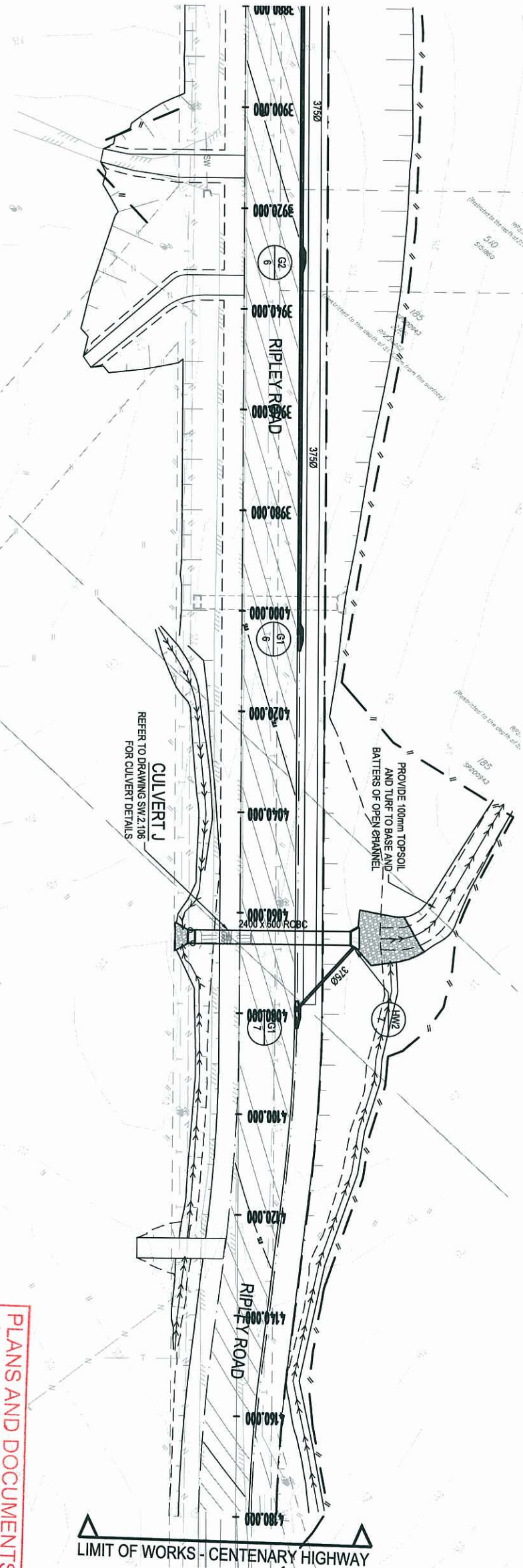
FOR CONTINUATION REFER DWG No. 5873-S-SW.1.102



FOR CONTINUATION REFER BELOW

PLAN - STORMWATER DRAINAGE
FOR LONG SECTIONS REFER DRAWINGS SW.3.101-103

FOR CONTINUATION REFER ABOVE



PLAN - STORMWATER DRAINAGE
FOR LONG SECTIONS REFER DRAWINGS SW.3.101-103

Plan of Development 383

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL
20 AUG 2013
MEDQ

AMENDED IN RED
08 AUG 2013
By: Pat Cui (name)
MEDQ



ISSUED FOR APPROVAL

F	27.06.13	ISSUED FOR EDO APPROVAL	AS	GT
E	28.02.11	DA ISSUE	NO	GT
D	18.02.11	ISSUED FOR APPROVAL	P	GT
C	27.06.11	PRELIMINARY EXEMPTION	P	GT
B	28.11.10	ADDITIONAL INFORMATION	P	GT
A	08.11.10	ISSUED FOR INFORMATION	P	GT
ISSUE	DATE	AMENDMENT	BY	APP

RIPLEY ROAD
FISCHER ROAD
TO
CENTENARY HIGHWAY

DESIGN: 03
DRAWN: 03
CREATED: SEP 2010
CHKD: GT
APPROD: GT
DATE: DEC 2010

SEKISUI HOUSE
IPSWICH

STORMWATER DRAINAGE - PLAN
SHEET 3

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5873 S

SW.1.103 F

WATERMAIN NOTES

ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT QUEENSLAND URBAN UTILITIES SPECIFICATIONS AND STANDARDS.
UNLESS SPECIFIED OTHERWISE ALL MATERIALS AND WORK SHALL COMPLY WITH THE RELEVANT AUSTRALIAN STANDARDS.
ADOPT TOP OF KERB AS PERMANENT LEVEL.
COVER ON MAINS FROM PERMANENT LEVEL TO BE AS FOLLOWS:
63, 100 & 150 DIAMETER PIPE - 600mm
200, 250 & 300 DIAMETER PIPE - 1000mm
CONDUITS TO BE INSTALLED IN ACCORDANCE WITH QUT SPECIFICATIONS.

DEPTH OF HYDRANTS BELOW FINISHED SURFACE LEVEL IS TO BE BETWEEN 80 AND 230mm.
ALL WORK ASSOCIATED WITH LIVE WATER MAIN CONNECTION TO BE CARRIED OUT BY QUT AT THE DEVELOPER'S COST.
PVC-M PIPES SHALL BE SERIES 2 CLASS PN16 AND COMPLY WITH A.S. 1477. MPVC PIPES SHALL COMPLY WITH SERIES 2 CLASS PN16 AND COMPLY WITH A.S. 4765. FITTINGS SHALL BE CEMENT LINED GREY IRON IN ACCORDANCE WITH A.S. 2544, OR DUCTILE IRON CEMENT LINED (DICI) IN ACCORDANCE WITH A.S. 2280.
DICI, PIPES AND FITTINGS SHALL BE CLASS PN16 AND COMPLY WITH A.S. 2280. PIPES AND FITTINGS SHALL BE POLYETHYLENE SLEEVED.
MSCL PIPES SHALL COMPLY WITH A.S. 1579 AND BE CEMENT LINED IN ACCORDANCE WITH A.S. 1281. PIPE COATING SHALL COMPLY WITH A.S. 4321 (SINTAKOTE II).
CONCRETE THRUST BLOCKS SHALL BE PLACED AT ALL BENDS, TEES AND DEAD ENDS IN ACCORDANCE WITH WSA STANDARD DRAWING NO. WAT-1/205.

TEST/CLORINATION POINTS TO BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWING NO. 4684/25-WB006.
TRENCH BACKFILL MATERIAL SHALL CONSIST OF THE BEST MATERIAL FROM TRENCH EXCAVATION, FREE OF ORGANIC MATTER WITH PARTICLE SIZE NOT EXCEEDING 75mm.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND ARRANGE TRENCH FILL COMPACTION TESTING TO BE CARRIED OUT BY A NATA CERTIFIED TEST LABORATORY AND SHALL BE IN ACCORDANCE WITH QUT WATER SUPPLY CODE PART 3 -19.3.4.
FIRE HYDRANT PAVEMENT MARKERS TO BE INSTALLED IN ACCORDANCE WITH QUT STANDARD DRAWINGS 4684/25-WB0101 TO WB0101/3.
FIRE HYDRANT LIDS TO BE PAINTED YELLOW, PAINT TO CONFORM TO A.S. 4049.2-1986. PAINTS & RELATED MATERIALS ROAD MARKING MATERIALS PART 3 : WATERBORNE PAINT.

THE CONTRACTOR SHALL ARRANGE AN INDEPENDENT LICENSED SURVEYOR TO CARRY OUT A WORKS AS CONSTRUCTED SURVEY AND SUBMIT THE DETAILS SHOWN ON PLAN TO THE SUPERINTENDENT AT COMPLETION OF CONSTRUCTION. WORKS AS CONSTRUCTED TO BE PROVIDED IN FORMAT REQUIRED TO THE LOCAL AUTHORITY.
THE CONSTRUCTION OF THE WATER MAINS WORK SHOWN ON THIS DRAWING MUST BE SUPERVISED BY AN ENGINEER WHO HAS SPEED REGISTRATION WORKS NOT COMPLYING WITH THIS REQUIREMENT WILL NOT BE PERMITTED TO CONNECT INTO QUTS NETWORK.
ALL PIPE DIAMETERS SHOWN ON PLANS ARE EXTERNAL PIPE DIAMETERS UNLESS NOTED OTHERWISE

ENVIRONMENTAL CONDITIONS

1.VEGETATION PROTECTION
TREES LOCATED ALONG THE FOOTPATH SHOULD BE WHERE POSSIBLE TRANSPLANTED PRIOR TO CONSTRUCTION OR REPLACED IF DESTROYED.
WHEN WORKING WITHIN 4m OF TREES, RUBBER OR HARDWOOD GIRDLES SHOULD BE CONSTRUCTED WITH 1.8m BATTENS CLOSELY SPACED AND ARRANGED VERTICALLY FROM GROUND LEVEL. GIRDLES MUST BE STRAPPED TO TREES PRIOR TO CONSTRUCTION AND REMAIN UNTIL COMPLETION.
WHERE POSSIBLE, TREE ROOTS SHOULD BE TUNNELLED UNDER RATHER THAN SEVERED. IF ROOTS ARE SEVERED THE DAMAGED AREA SHOULD BE TREATED WITH A SUITABLE FUNGICIDE.
ANY TREE LOPPING REQUIRED SHOULD BE UNDERTAKEN ACCORDING TO COUNCIL'S REQUIREMENTS.

2.SOIL
TOPSOIL AND SUBSOIL SHOULD BE STOCKPILED SEPARATELY. CARE SHOULD BE TAKEN TO PREVENT SEDIMENT FROM ENTERING THE STORMWATER SYSTEM. THIS MAY INVOLVE PLACING APPROPRIATE SEDIMENT CONTROLS AROUND STOCKPILES.
3.CREEK CROSSINGS
SILTATION CONTROL MEASURES SHOULD BE PLACED DOWNSTREAM OF ANY EXCAVATION WORK.
APPROPRIATE SEDIMENT CONTROLS SHOULD BE USED TO PREVENT SEDIMENT FROM ENTERING THE CREEK.
NO SOIL SHOULD BE STOCKPILED WITHIN 5m OF THE CREEK.
4.REHABILITATION
PRE-DISTURBANCE SOIL PROFILES AND COMPACTION LEVELS ARE TO BE REINSTATED.
PRE-DISTURBANCE VEGETATION PATTERNS SHOULD BE RESTORED. FOR FURTHER INFORMATION CONTACT COUNCIL ECOLOGICAL ASSESSMENT OFFICER, PH 3403 8888.

NOTE: ALL ENVIRONMENT PROTECTION MEASURES SHOULD BE IMPLEMENTED PRIOR TO ANY CONSTRUCTION WORK, INCLUDING CLEARING, COMMENCING.
ALL SEWER CONSTRUCTION WORK UNDERTAKEN BY THE CONTRACTOR IS TO COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND HEALTH AND SAFETY ACT 1995.
FOR INFORMATION CONTACT THE DW-W/H & S ON 1300 369 915

CONNECTIONS & SUBSTITUTION

STREET	FISCHER ROAD, IPSWICH
LENGTH	1.5m TYPE OF MAIN 300 PVC-M
DATE	DATE
COMPLETED	COMPLETED
SIGNATURE	

CONNECTIONS & SUBSTITUTION

STREET	RIIPLEY & BINNIES RD, IPSWICH
LENGTH	12.6m TYPE OF MAIN 100 PVC-M
DATE	DATE
COMPLETED	COMPLETED
SIGNATURE	

AS CONSTRUCTED DETAILS	
I CERTIFY THAT THE AS CONSTRUCTED DETAILS SHOWN ON THIS PLAN ARE A TRUE AND ACCURATE RECORD OF THE WORKS.	
SIGNED	DATE
NAME OF SIGNATORY (PRINT)	
PROF No.	
COMPANY NAME	

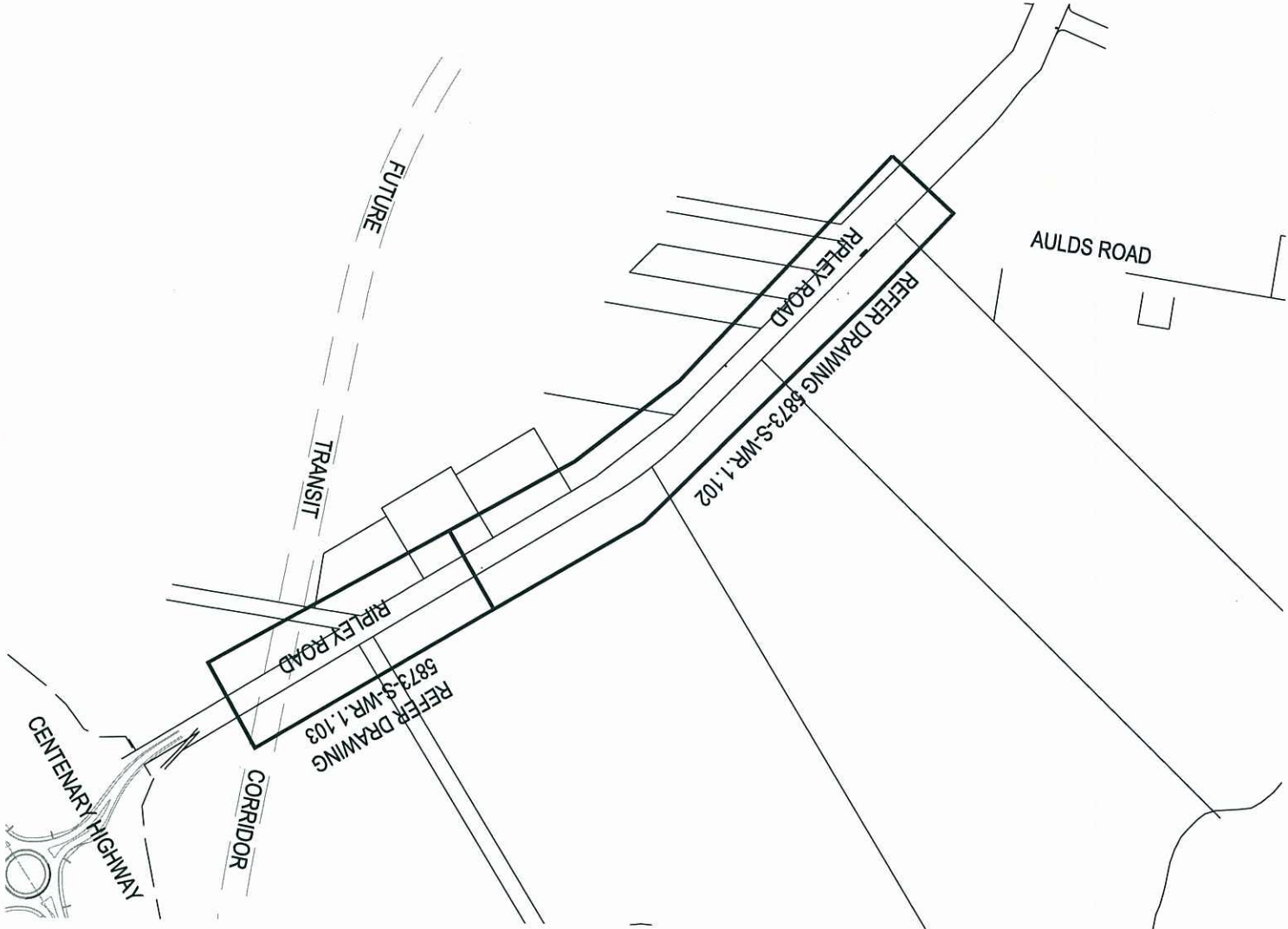
UTILITY'S DELEGATE
(APPROVAL VALID FOR 12 MONTHS FROM DATE SHOWN)

ISSUED FOR APPROVAL

MPN Consulting Pty Ltd 39 Shawwood Road, Tewantin, Qld 4669 Ph 07 5371 8877 E: info@mpnconsulting.com.au		MPN Consulting Pty Ltd 39 Shawwood Road, Tewantin, Qld 4669 Ph 07 5371 8877 E: info@mpnconsulting.com.au	
DRAWING NO. 5873 S		DRAWING NO. 5873 S	
REV. F		REV. F	

ALL WATER AND SEWER CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORKPLACE HEALTH AND SAFETY ACT 1995.
CONTACT THE DIVISION OF WORKPLACE HEALTH AND SAFETY FOR INFORMATION. PHONE 1300 369 915

LOCALITY PLAN
1 : 2500 UBD MAP 254 GRID NO A2-E8
SCALE 1:2500



PLANS AND DOCUMENTS referred to in the PDA APPROVAL
20 AUG 2013
MEDQ

AMENDED IN RED
08 AUG 2013
By: Pat Cui (name)
MEDQ

Plan of Development 1073

ALL WATER AND SEWER CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE QUEENSLAND WORKPLACE HEALTH AND SAFETY ACT 1995. CONTACT THE DIVISION OF WORKPLACE HEALTH AND SAFETY FOR INFORMATION. PHONE 1300 369 915

CH 600.000

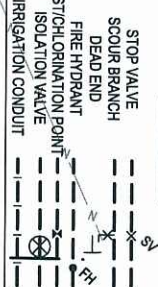
CH 700.000

CH 800.000

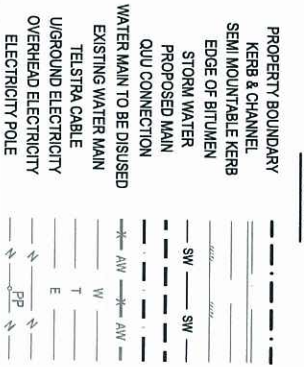
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- NOTE:
1. REFER DRAWING NO. 5873-S-WR.3.101 FOR LONGITUDINAL SECTION
 2. REFER DRAWING NO. 5873-S-WR.2.101 FOR CROSS SECTIONS
 3. PROPOSED PROPERTY BOUNDARY TO BE IDENTIFIED BY SURVEYOR PRIOR TO CONSTRUCTION COMMENCING
 4. ALL VALVES MUST INCLUDE THRUST RESTRAINT AS PER WSA DRAWING NO. WAT-1207
 5. FOR SCOUR VALVE LAYOUT REFER QAU STD DWG NO. 4864/25-WB0022

SYMBOLS

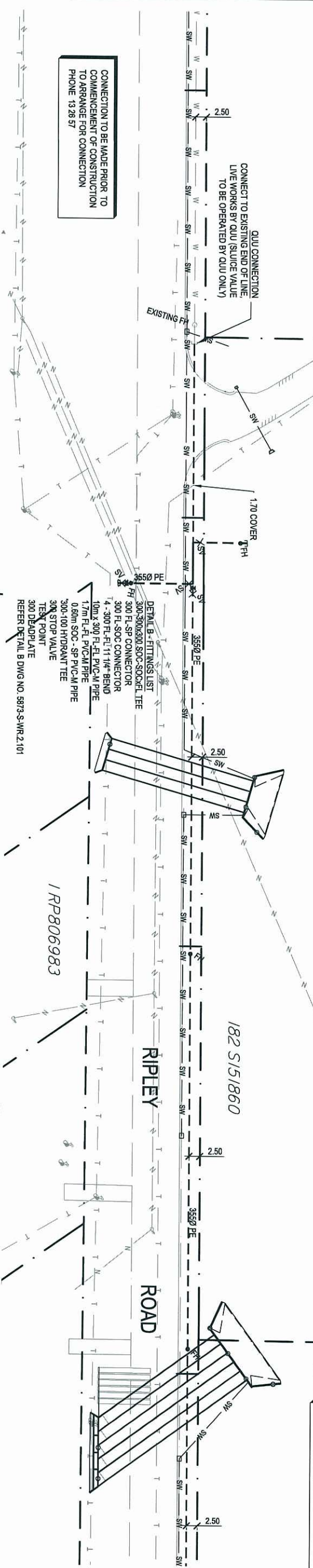


LEGEND



FOR CONTINUATION REFER DRAWING WR.1.01

FOR CONTINUATION REFER BELOW



CONNECTION TO BE MADE PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR CONNECTION PHONE 13 28 57

CH 1000.000

CH 1100.000

CH 1200.000

CH 1300.000

FOR CONTINUATION REFER ABOVE

FOR CONTINUATION REFER DRAWING WR.1.103

DETAIL A - FITTINGS LIST
300-300/300 SOC-SOCCFL TEE
4 - 300 90° BEND MSCL
1.5m x 300 MSCL PIPE
300 FL-SOC CONNECTOR
0.60m 300 FL-SP PVC-M PIPE
300-100 HYDRANT TEE
300 FL CONNECTOR
300 FL VALVE
300 DEADPLATE
MILD STEEL PIPE TO BE SINKAKOTED. ALL FLANGES AND WELDED JOINTS TO BE PROTECTED WITH DENSIO WRAPPING TAPE

DETAIL A - FITTINGS LIST
300-300/200 SOC-SOCCFL TEE
4 - 200 90° BEND MSCL
1.5m x 200 MSCL PIPE
200 FL-SOC CONNECTOR
0.60m 200 FL-SP PVC-M PIPE
200-100 HYDRANT TEE
200 FL VALVE
200 DEADPLATE
MILD STEEL PIPE TO BE SINKAKOTED. ALL FLANGES AND WELDED JOINTS TO BE PROTECTED WITH DENSIO WRAPPING TAPE

DETAIL B - FITTINGS LIST
300-300/200 SOC-SOCCFL TEE
200 FL-SP CONNECTOR
200 FL-SOC CONNECTOR
4 - 200 FL-FL 11/4" BEND
10m x 200 FL-FL PVC-M PIPE
1.7m 200 FL-FL PVC-M PIPE
0.60m 200 SOC - SP PVC-M PIPE
200-100 HYDRANT TEE
200 STOP VALVE
TEST POINT
200 DEADPLATE
REFER DETAIL B
DWG NO. 5873-S-WR.2.101

DETAIL A - FITTINGS LIST
300-300/300 SOC-SOCCFL TEE
4 - 300 90° BEND MSCL
1.5m x 300 MSCL PIPE
300 FL-SOC CONNECTOR
0.60m 300 FL-SP PVC-M PIPE
300-100 HYDRANT TEE
300 FL VALVE
300 DEADPLATE
MILD STEEL PIPE TO BE SINKAKOTED. ALL FLANGES AND WELDED JOINTS TO BE PROTECTED WITH DENSIO WRAPPING TAPE

DETAIL B - FITTINGS LIST
300-300/200 SOC-SOCCFL TEE
200 FL-SP CONNECTOR
200 FL-SOC CONNECTOR
4 - 200 FL-FL 11/4" BEND
10m x 200 FL-FL PVC-M PIPE
1.7m 200 FL-FL PVC-M PIPE
0.60m 200 SOC - SP PVC-M PIPE
200-100 HYDRANT TEE
200 STOP VALVE
TEST POINT
200 DEADPLATE
REFER DETAIL B
DWG NO. 5873-S-WR.2.101

20 AUG 2013

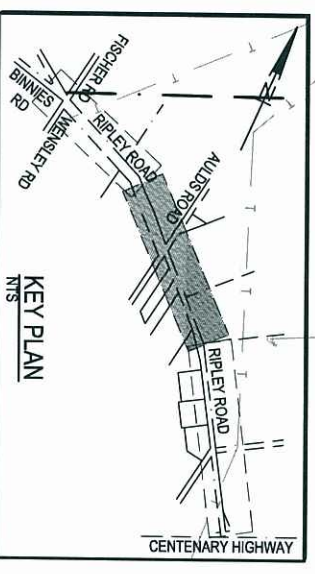
08 AUG 2013

PLANS AND DOCUMENTS AMENDED IN RED referred to in the PDA APPROVAL

By: *Pat Olive* MEDQ (name) MEDQ

Plan of Development 273

3 SP/93441
288 RP810400



ISSUED FOR APPROVAL

ISSUE	DATE	AMENDMENT	BY	APP
F	27.01.11	DETAIL A & B LIST AMENDED	JP	LA
E	26.11.10	DETAIL FITTINGS LIST NOTES AMENDED	JP	GT
D	26.11.10	DETAIL FITTINGS LIST NOTES AMENDED	JP	GT
C	22.11.10	ISSUED FOR INFORMATION	JP	GT
B	16.11.10	ISSUED FOR INFORMATION	JP	GT
A	26.10.10	ISSUED FOR REVIEW	JP	GT
G	16.02.11	ISSUED FOR APPROVAL	JP	GT
H	28.02.11	QA ISSUE	NO	GT
J	27.06.13	ISSUED FOR PDA APPROVAL	JP	GT

RIPLEY ROAD
FISCHER ROAD
TO
CENTENARY HIGHWAY

RIPLEY VALLEY
IPSWICH
RIPLEY ROAD SOUTH
TRUNK WATERMAIN PLAN
SHEET 2

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5873 S
WR.1.102
J

EXISTING

PROPOSED

PROPERTY BOUNDARY

MAJOR CONTOUR

MINOR CONTOUR

BUILDING

CONCRETE

EDGE OF BITUMEN

BARRIER KERB

KERB AND CHANNEL

KERB RAMP

GUARD RAIL

STORM WATER MAIN

STORM WATER MANHOLE

STORM WATER GULLY PIT

WATER MAIN

SEWER MAIN

SEWER MANHOLE

TELSTRA CABLE

U/GROUND ELECTRICITY

OVERHEAD ELECTRICITY

ELECTRICITY POLE

FENCE

RETAINING WALL

TOP OF BATTER

FACE OF BATTER

TOE OF BATTER

SEDIMENT FENCE

CLEARING LINE

CUT OFF DRAIN

TABLE DRAIN INVERT

BOREHOLE

SPOT LEVEL

SEDIMENT BASIN

PERMANENT SURVEY MARK

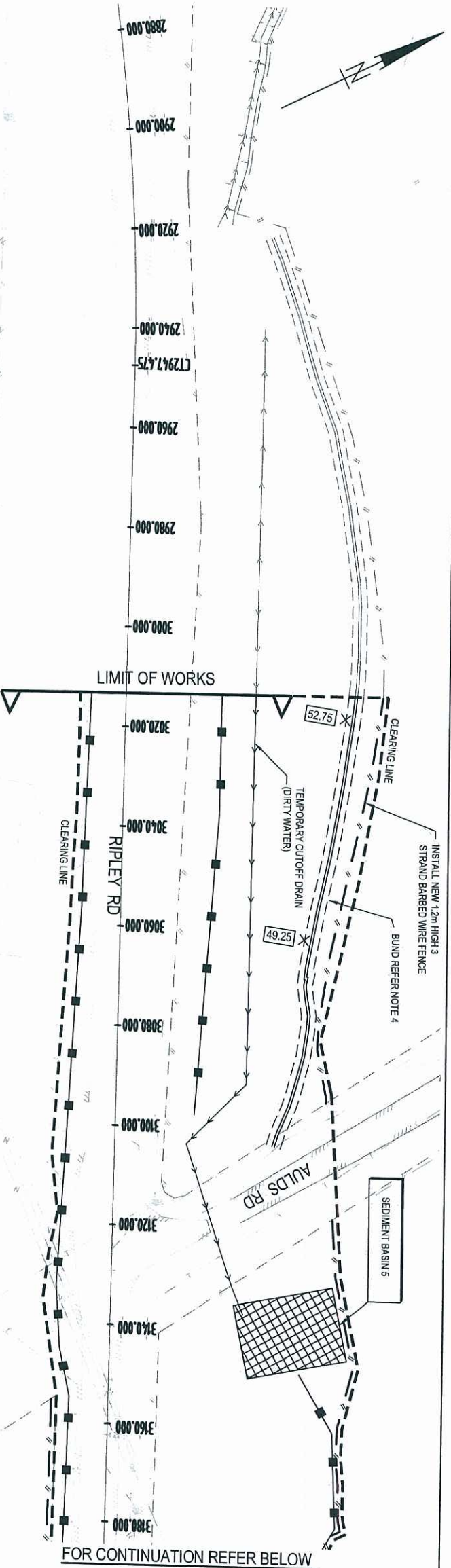
PSM

22.22

BH1

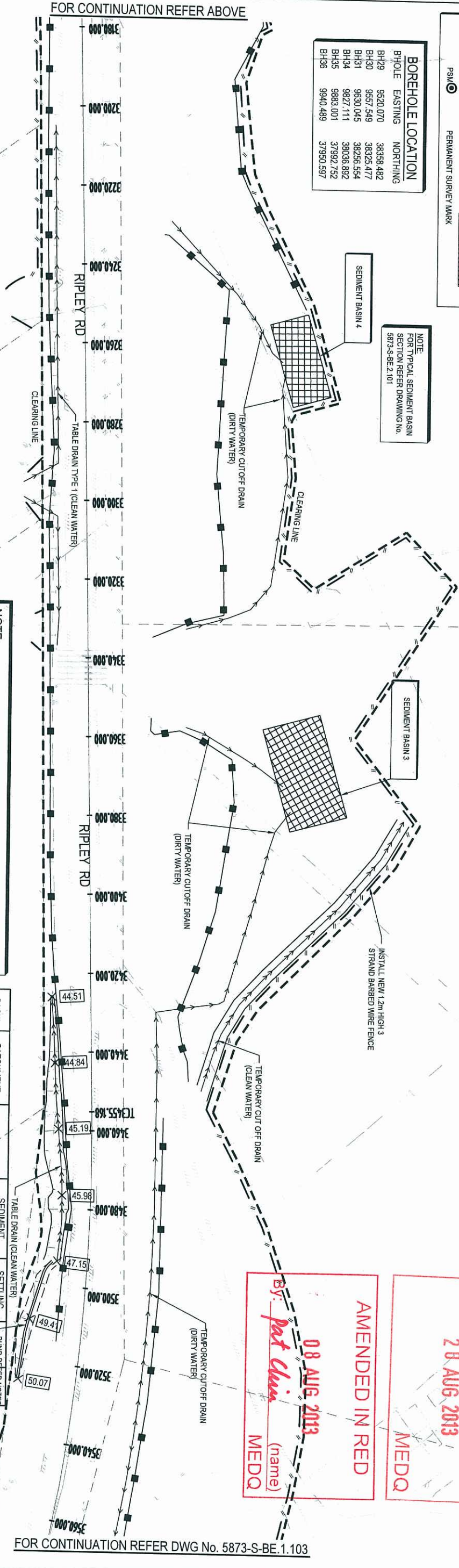
BOREHOLE	EASTING	NORTHING
BH29	9520.070	38358.482
BH30	9557.549	38325.477
BH31	9630.045	38256.554
BH34	9827.111	38035.892
BH35	9883.001	37992.752
BH36	9910.489	37950.597

NOTE:
FOR TYPICAL SEDIMENT BASIN
SECTION REFER DRAWING No.
5873-S-BE.2.101



FOR CONTINUATION REFER BELOW

FOR CONTINUATION REFER ABOVE



FOR CONTINUATION REFER DWG No. 5873-S-BE.1.103

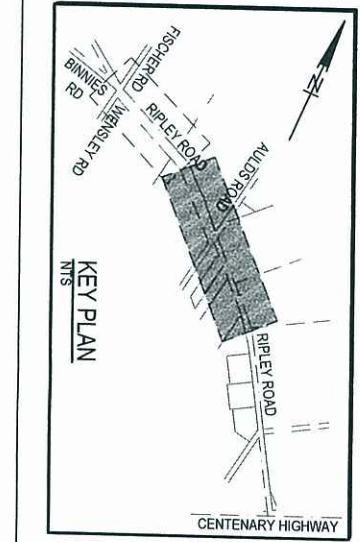
NOTE:
1. ALL REMOVED FENCES WILL BE REPLACED WITH 3 STRAND BARBED WIRE FENCE. CONNECT NEW FENCE TO EXISTING.
2. ALL CLEAN WATER TABLE DRAINS ARE TYPE 2 AND PERMANENT UNLESS SHOWN OTHERWISE
3. ALL DIRTY WATER CUT OFF DRAINS ARE TEMPORARY
4. FOR TABLE DRAINS AND BUND DETAILS REFER DRAWING NO. 5873-S-BE.2.101

BASIN No.	CATCHMENT AREA (ha)	BASE AREA (m²)	SEDIMENT STORAGE VOLUME (m³)	SETTLING ZONE VOLUME (m³)	BUND REFERENCE SLOPES
3	0.803	192.0	139	289	1:7 2H:1V
4	0.330	100.0	48	106	1:3 2H:1V
5	0.638	115.0	90	195	1:7 2H:1V

SEDIMENT BASIN DATA TABLE



PLANS AND DOCUMENTS
referred to in the PDA APPROVAL
28 AUG 2013
MEDQ
AMENDED IN RED
08 AUG 2013
By: *pat chris* (name)
MEDQ



ISSUE	DATE	AMENDMENT	BY	APP
F	27.06.13	ISSUED FOR EDA APPROVAL	JB	GT
E	28.02.11	QA ISSUE	ND	GT
D	18.02.11	ISSUED FOR APPROVAL	JP	GT
C	21.01.11	SEDIMENT BASIN TABLE AMENDED CUT OFF DRAIN AMENDED TO THREE PIPES FIRST LINE AMENDED	JP	GT
B	26.11.10		JP	GT
A	04.11.10	ISSUED FOR INFORMATION		

RIPLEY ROAD	AS SHOWN
FISCHER ROAD	AS SHOWN
TO	AS SHOWN
CENTENARY HIGHWAY	AS SHOWN

ISSUED FOR APPROVAL

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BE.1.102

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BE.1.102

F