

GOLD COAST PARKLANDS REDEVELOPMENT

LOT 460 ON SP222438 - CNR SMITH STREET & PARKLANDS DRIVE, SOUTHPORT

TRUNK INFRASTRUCTURE

CIVIL ENGINEERING WORKS

FOR : ECONOMIC DEVELOPMENT QUEENSLAND

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

23 DEC 2013

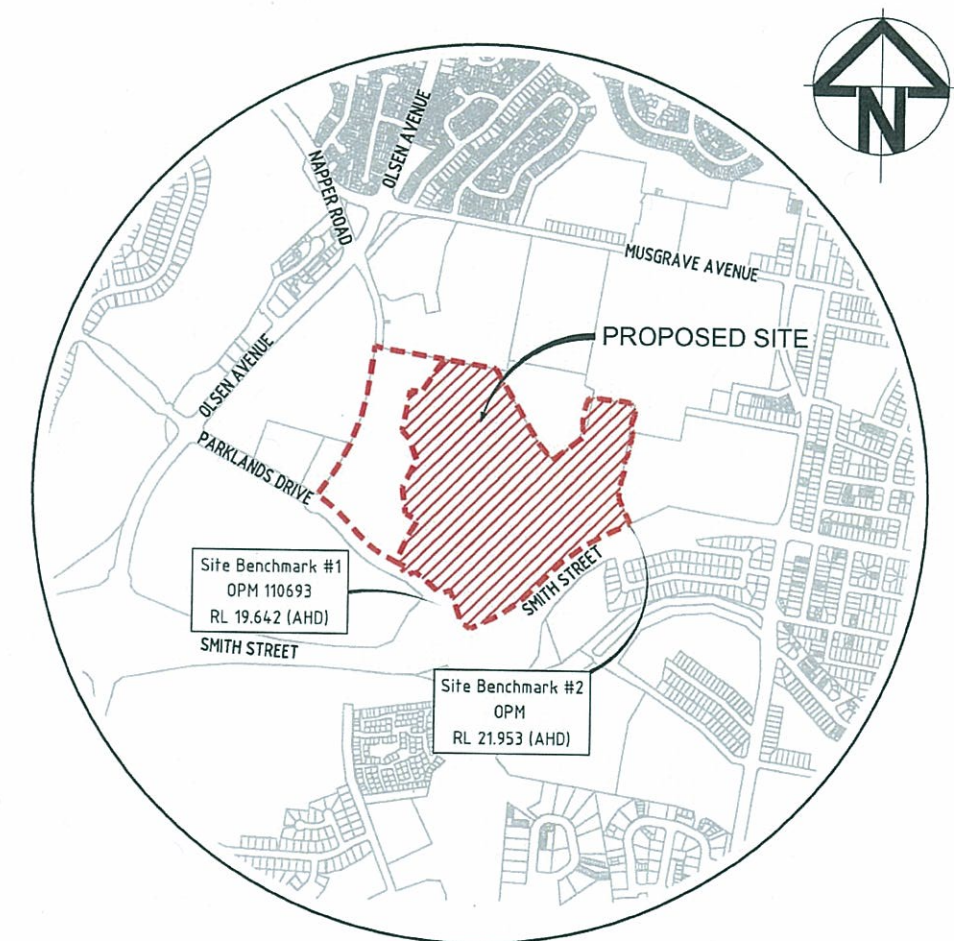
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DRAWING SCHEDULE

DWG. No. DESCRIPTION

C2000	-AA005621	DRAWING SCHEDULE & LOCALITY PLAN
C2001	-AA005621	TYPICAL ROAD CROSS SECTIONS - SHEET 1 OF 2
C2002	-AA005621	TYPICAL ROAD CROSS SECTIONS - SHEET 2 OF 2
C2003	-AA005621	GENERAL NOTES, ROADWORKS & DRAINAGE DETAILS - SHEET 1 OF 2
C2004	-AA005621	GENERAL NOTES, ROADWORKS & DRAINAGE DETAILS - SHEET 2 OF 2
C2005	-AA005621	CONTROL LINE SETOUT DETAILS - SHEET 1 OF 3
C2006	-AA005621	CONTROL LINE SETOUT DETAILS - SHEET 2 OF 3
C2007	-AA005621	CONTROL LINE SETOUT DETAILS - SHEET 3 OF 3
C2008	-AA005621	ROADWORKS & DRAINAGE LAYOUT PLAN - SHEET 1 OF 6
C2009	-AA005621	ROADWORKS & DRAINAGE LAYOUT PLAN - SHEET 2 OF 6
C2010	-AA005621	ROADWORKS & DRAINAGE LAYOUT PLAN - SHEET 3 OF 6
C2011	-AA005621	ROADWORKS & DRAINAGE LAYOUT PLAN - SHEET 4 OF 6
C2012	-AA005621	ROADWORKS & DRAINAGE LAYOUT PLAN - SHEET 5 OF 6
C2013	-AA005621	ROADWORKS & DRAINAGE LAYOUT PLAN - SHEET 6 OF 6
C2100	-AA005621	HOSPITAL BOULEVARD LONGITUDINAL SECTION
C2101	-AA005621	HOSPITAL BOULEVARD & INNOVATION DRIVE LONGITUDINAL SECTIONS
C2102	-AA005621	MAIN STREET LONGITUDINAL SECTION
C2103	-AA005621	FIRST STREET LONGITUDINAL SECTION
C2104	-AA005621	FIRST STREET & SECOND STREET LONGITUDINAL SECTIONS
C2105	-AA005621	1ST AVENUE & 2ND AVENUE LONGITUDINAL SECTIONS
C2106	-AA005621	3RD AVENUE & 4TH AVENUE LONGITUDINAL SECTIONS
C2107	-AA005621	SMITH STREET HOSPITAL BLVD INTERSECTION LONGITUDINAL SECTIONS
C2108	-AA005621	HOSPITAL BOULEVARD CROSS SECTIONS - SHEET 1 OF 3
C2109	-AA005621	HOSPITAL BOULEVARD CROSS SECTIONS - SHEET 2 OF 3
C2110	-AA005621	HOSPITAL BOULEVARD CROSS SECTIONS - SHEET 3 OF 3
C2111	-AA005621	MAIN STREET CROSS SECTIONS - SHEET 1 OF 2
C2112	-AA005621	MAIN STREET CROSS SECTIONS - SHEET 2 OF 2
C2113	-AA005621	INNOVATION DRIVE CROSS SECTIONS
C2114	-AA005621	SMITH STREET CROSS SECTIONS
C2200	-AA005621	INTERSECTION DETAILS - SHEET 1 OF 5
C2201	-AA005621	INTERSECTION DETAILS - SHEET 2 OF 5
C2202	-AA005621	INTERSECTION DETAILS - SHEET 3 OF 5
C2203	-AA005621	INTERSECTION DETAILS - SHEET 4 OF 5
C2204	-AA005621	INTERSECTION DETAILS - SHEET 5 OF 5
C2205	-AA005621	CONCRETE PAVEMENT DETAILS
C2300	-AA005621	STORMWATER CATCHMENT PLAN - SHEET 1 OF 2
C2301	-AA005621	STORMWATER CATCHMENT PLAN - SHEET 2 OF 2
C2302	-AA005621	STORMWATER LONGITUDINAL SECTIONS - SHEET 1 OF 8
C2303	-AA005621	STORMWATER LONGITUDINAL SECTIONS - SHEET 2 OF 8
C2304	-AA005621	STORMWATER LONGITUDINAL SECTIONS - SHEET 3 OF 8
C2305	-AA005621	STORMWATER LONGITUDINAL SECTIONS - SHEET 4 OF 8

C2306	-AA005621	STORMWATER LONGITUDINAL SECTIONS - SHEET 5 OF 8
C2307	-AA005621	STORMWATER LONGITUDINAL SECTIONS - SHEET 6 OF 8
C2308	-AA005621	STORMWATER LONGITUDINAL SECTIONS - SHEET 7 OF 8
C2309	-AA005621	STORMWATER LONGITUDINAL SECTIONS - SHEET 8 OF 8
C2310	-AA005621	STORMWATER CALCULATION TABLES - SHEET 1 OF 8
C2311	-AA005621	STORMWATER CALCULATION TABLES - SHEET 2 OF 8
C2312	-AA005621	STORMWATER CALCULATION TABLES - SHEET 3 OF 8
C2313	-AA005621	STORMWATER CALCULATION TABLES - SHEET 4 OF 8
C2314	-AA005621	STORMWATER CALCULATION TABLES - SHEET 5 OF 8
C2315	-AA005621	STORMWATER CALCULATION TABLES - SHEET 6 OF 8
C2316	-AA005621	STORMWATER CALCULATION TABLES - SHEET 7 OF 8
C2317	-AA005621	STORMWATER CALCULATION TABLES - SHEET 8 OF 8
C2318	-AA005621	STORMWATER MANHOLE DETAILS - SHEET 1 OF 5
C2319	-AA005621	STORMWATER MANHOLE DETAILS - SHEET 2 OF 5
C2320	-AA005621	STORMWATER MANHOLE DETAILS - SHEET 3 OF 5
C2321	-AA005621	STORMWATER MANHOLE DETAILS - SHEET 4 OF 5
C2322	-AA005621	STORMWATER MANHOLE DETAILS - SHEET 5 OF 5
C2323	-AA005621	STORMWATER CULVERT DETAILS - SHEET 1 OF 2
C2324	-AA005621	STORMWATER CULVERT DETAILS - SHEET 2 OF 2
C2325	-AA005621	STORMWATER OUTLET & INLET PROTECTION DETAILS
C2326	-AA005621	STORMWATER MANHOLE STRUCTURAL DETAILS - SHEET 1 OF 2
C2327	-AA005621	STORMWATER MANHOLE STRUCTURAL DETAILS - SHEET 2 OF 2
C2400	-AA005621	SEWER RETICULATION LAYOUT PLAN - SHEET 1 OF 5
C2401	-AA005621	SEWER RETICULATION LAYOUT PLAN - SHEET 2 OF 5
C2402	-AA005621	SEWER RETICULATION LAYOUT PLAN - SHEET 3 OF 5
C2403	-AA005621	SEWER RETICULATION LAYOUT PLAN - SHEET 4 OF 5
C2404	-AA005621	SEWER RETICULATION LAYOUT PLAN - SHEET 5 OF 5
C2405	-AA005621	SEWER LONGITUDINAL SECTIONS - SHEET 1 OF 5
C2406	-AA005621	SEWER LONGITUDINAL SECTIONS - SHEET 2 OF 5
C2407	-AA005621	SEWER LONGITUDINAL SECTIONS - SHEET 3 OF 5
C2408	-AA005621	SEWER LONGITUDINAL SECTIONS - SHEET 4 OF 5
C2409	-AA005621	SEWER LONGITUDINAL SECTIONS - SHEET 5 OF 5
C2500	-AA005621	WATER RETICULATION LAYOUT PLAN - SHEET 1 OF 6
C2501	-AA005621	WATER RETICULATION LAYOUT PLAN - SHEET 2 OF 6
C2502	-AA005621	WATER RETICULATION LAYOUT PLAN - SHEET 3 OF 6
C2503	-AA005621	WATER RETICULATION LAYOUT PLAN - SHEET 4 OF 6
C2504	-AA005621	WATER RETICULATION LAYOUT PLAN - SHEET 5 OF 6
C2505	-AA005621	WATER RETICULATION LAYOUT PLAN - SHEET 6 OF 6
C2600	-AA005621	SIGNAGE & LINEMARKING LAYOUT PLAN - SHEET 1 OF 6
C2601	-AA005621	SIGNAGE & LINEMARKING LAYOUT PLAN - SHEET 2 OF 6
C2602	-AA005621	SIGNAGE & LINEMARKING LAYOUT PLAN - SHEET 3 OF 6
C2603	-AA005621	SIGNAGE & LINEMARKING LAYOUT PLAN - SHEET 4 OF 6
C2604	-AA005621	SIGNAGE & LINEMARKING LAYOUT PLAN - SHEET 5 OF 6
C2605	-AA005621	SIGNAGE & LINEMARKING LAYOUT PLAN - SHEET 6 OF 6



LOCALITY PLAN
SCALE 1:10000

01 ISSUE FOR OPW APPROVAL		BD	14/10/13	Scale 0 100 200 400 600 800 1000m 1:10000	Surveyor BENNETT + BENNETT Property Consultants, Surveyors & Town Planners All mail to: PO Box 5021, GCMC, QLD 9726 mel@bennettandbennett.com.au GCMC Pty Ltd, A/CN 007420	Client Queensland Government DEPARTMENT OF STATE DEVELOPMENT, INFRASTRUCTURE & PLANNING	Status FOR APPROVAL CONSTRUCTION SUBJECT TO COUNCIL APPROVAL Approved <i>[Signature]</i> R.E.P.D. No: 8677	Project GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE	Title DRAWING SCHEDULE & LOCALITY PLAN	HYDER CONSULTING PTY. LTD ABN 76 104 485 289 P O Box 1853 Southport, QLD 4215 Australia Tel: +61 (07) 5532 3933 Fax: +61 (07) 5591 4778 www.hyderconsulting.com
P2 ISSUE FOR COMMENT		BD	23/08/13							
P1 PRELIMINARY ISSUE		BD	04/07/13							
Issue	Description	Author	Date	Filename: C2000-AA005621-DWGSCH.DWG						

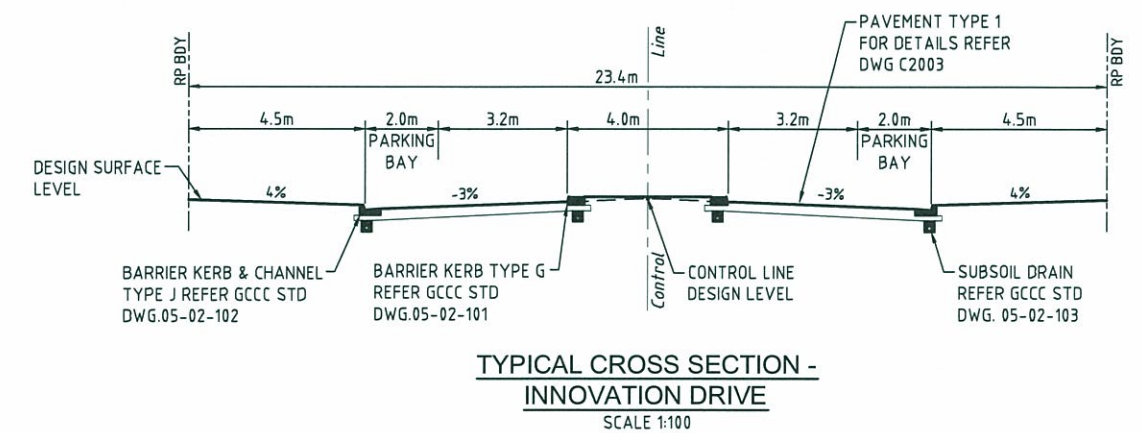
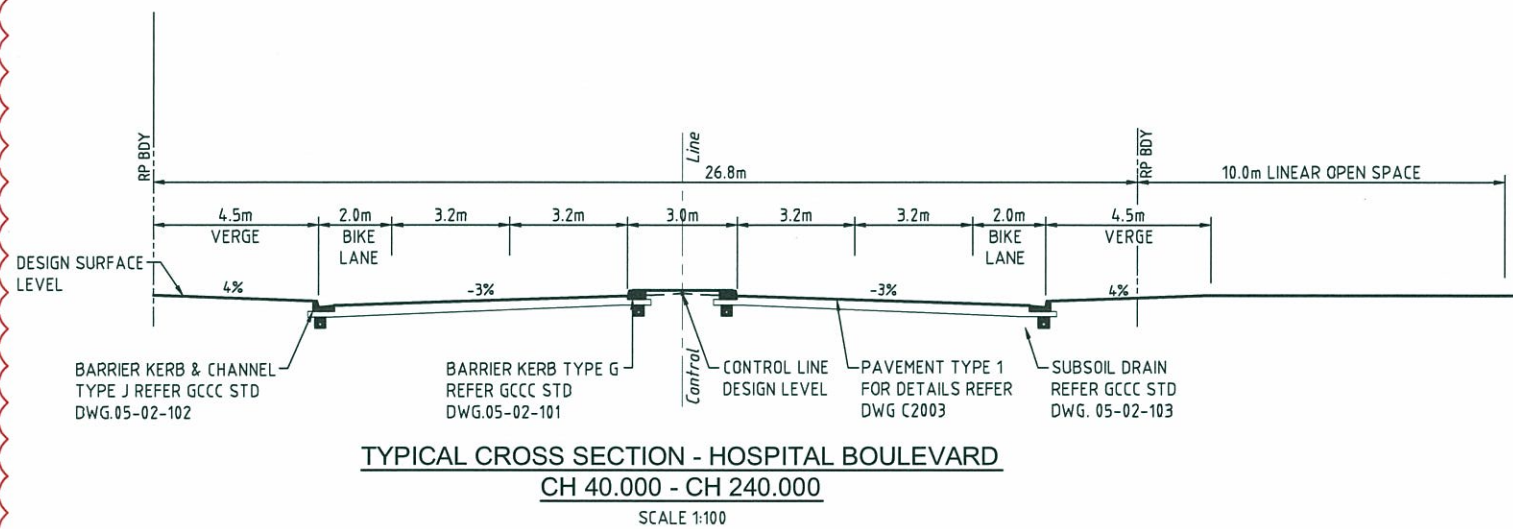
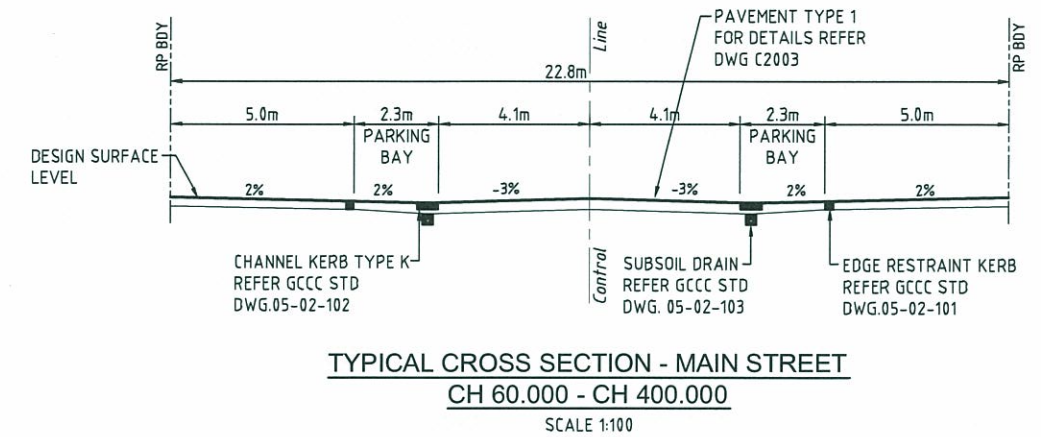
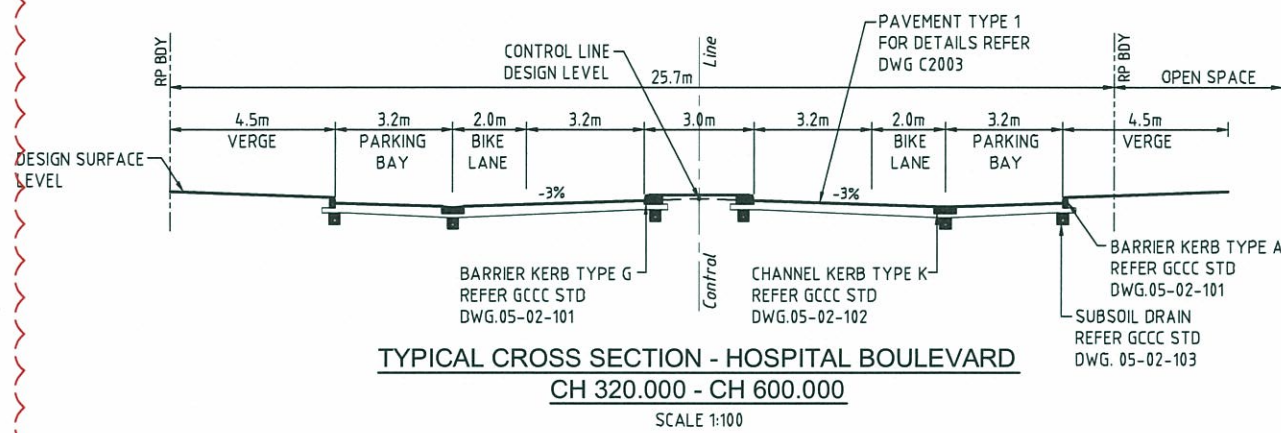
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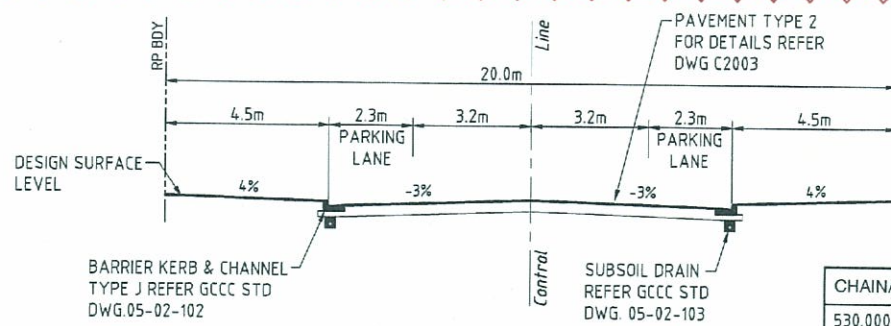
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23 DEC 2013

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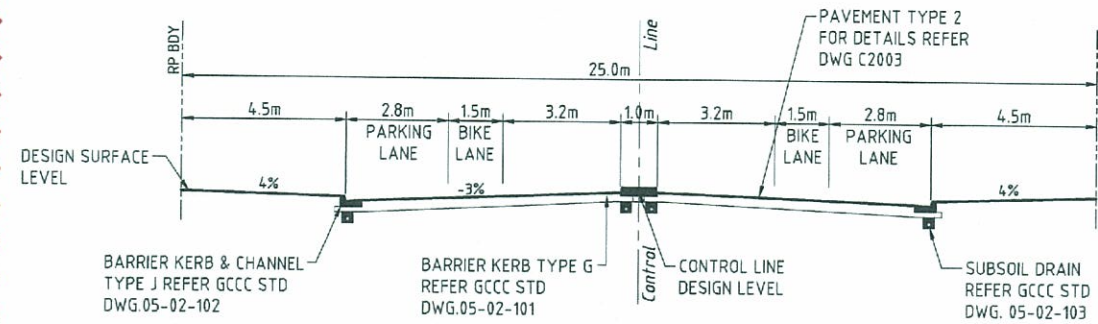


REDESIGN ISSUE FOR OPW APPROVAL ISSUE FOR COMMENT		TD 06/11/13 BD 14/10/13 BD 23/08/13	Scale 0 1 2 4 6 8 10m 1 : 100	Surveyor BENNETT • BENNETT Property Consultants, Surveyors & Town Planners All mail to: PO Box 5021, GCMC, Qld. 9726 Email: info@bennettandbennett.com.au BBH Pty. Ltd. A.C.N. 010 427 531	Client Queensland Government DEPARTMENT OF STATE DEVELOPMENT, INFRASTRUCTURE & PLANNING	Status FOR APPROVAL NOT FOR CONSTRUCTION Approved: R.E.P.Q. No. 8677 Scales: 1:100 Original Size: A1 Height Datum: AHD Grid: MGA	Project GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE TYPICAL ROAD CROSS SECTIONS - SHEET 1 OF 2	Hyder HYDER CONSULTING PTY. LTD. ABN 78 104 485 289 P.O. Box 1853 Southport, QLD 4215 Australia Tel: +61 (07) 5532 3933 Fax: +61 (07) 5591 4778 www.hyderconsulting.com
Issue Description	Author Date	Architect ARCHIPELAGO Filename: C2001-C2002-AA005621-TYP ROAD X SEC.DWG	Drawing No. C2001	Project No. AA005621	Issue 02			

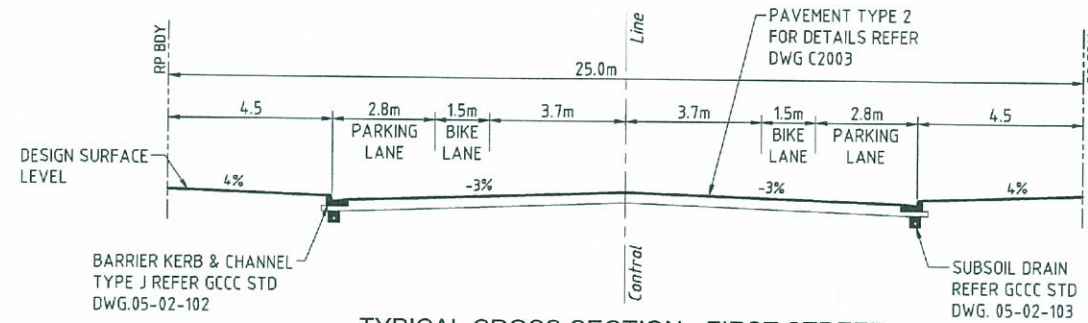


TYPICAL CROSS SECTION - FIRST STREET
CH 525.600 - CH 785
SCALE 1:100

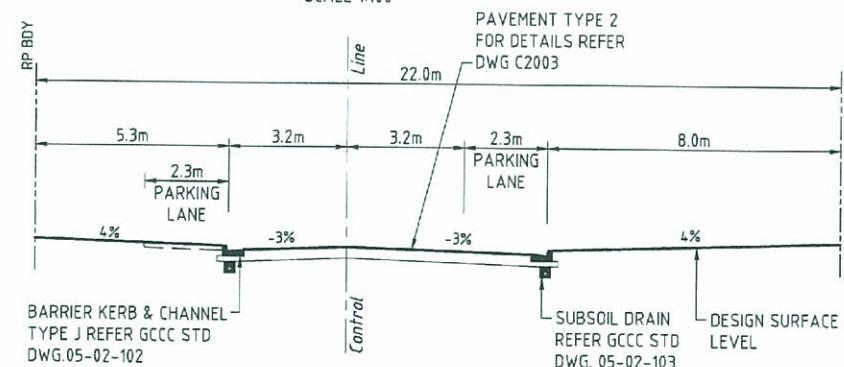
CHAINAGE	CROSS FALL
530.000	- 3.0%
570.000	+ 3.0%
785.000	+ 3.0%



TYPICAL CROSS SECTION - FIRST STREET
CH 380 - CH 525.600
SCALE 1:100



TYPICAL CROSS SECTION - FIRST STREET
CH 00 - CH 340
SCALE 1:100

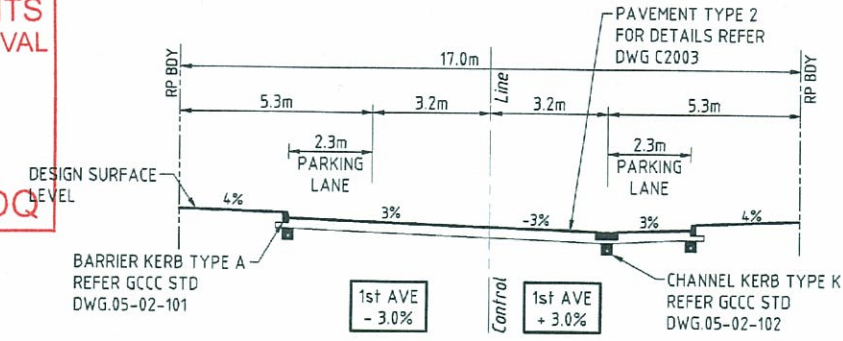


TYPICAL CROSS SECTION - FOURTH AVENUE
SCALE 1:100

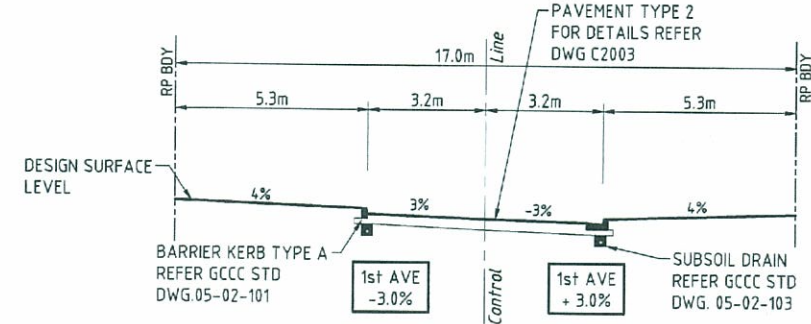
PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

23 DEC 2013

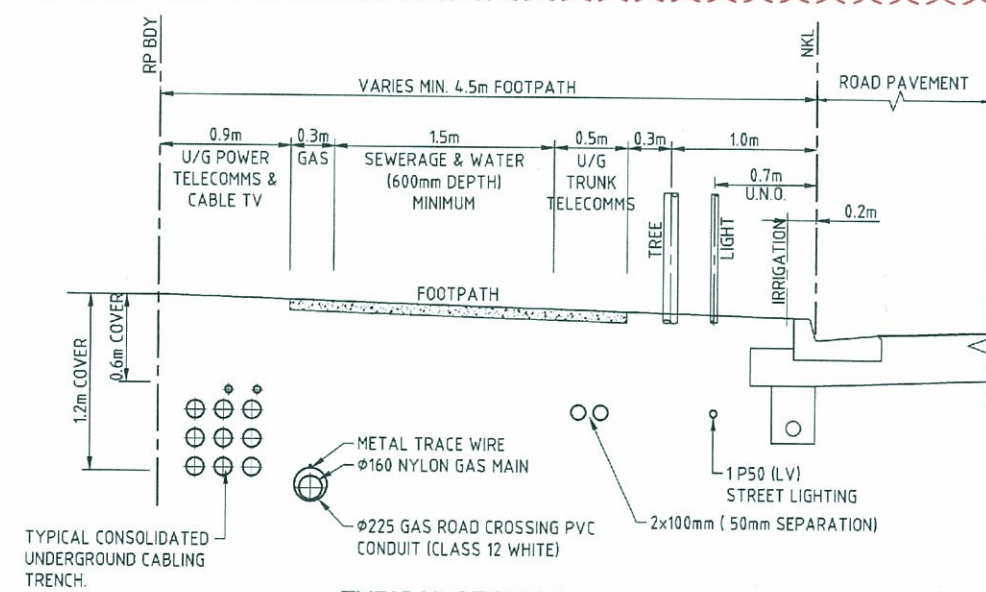
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TYPICAL CROSS SECTION - 1ST AVENUE, 2ND AVENUE, 3RD AVENUE & SECOND STREET
(WITH PARKING LANE)
SCALE 1:100



TYPICAL CROSS SECTION - 1ST AVENUE, 2ND AVENUE, 3RD AVENUE & SECOND STREET
(WITHOUT PARKING LANE)
SCALE 1:100



TYPICAL SECTION - ALLOCATION FOR PUBLIC UTILITIES
SCALE 1:25

03

03 RESPONSE TO COUNCIL RFI 02 REDESIGN 01 ISSUE FOR OPW APPROVAL P1 ISSUE FOR COMMENT		BD 12/11/13 BD 06/11/13 BD 14/10/13 BD 23/08/13	Scale 0 1 2 4 6 8 10m 1:100	BENNETT • BENNETT Property Consultants, Surveyors & Town Planners COOMERA OFFICE 9 Jerrard Street Coomera, QLD 4209 Ph (07) 5575 8177 Fax (07) 5575 4342	ARCHIPELAGO Filename: C2001-C2002-AA005621-TYP ROAD X SEC.DWG	Queensland Government DEPARTMENT OF STATE DEVELOPMENT, INFRASTRUCTURE & PLANNING	FOR APPROVAL NOT FOR CONSTRUCTION Approved: [Signature] Scales: 1:100 Original Size: A1 Height: AHD Datum: MGA Grid: MGA	Project: GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE Title: TYPICAL ROAD CROSS SECTIONS - SHEET 2 OF 2	Hyder HYDER CONSULTING PTY. LTD ABN 76 104 485 289 P O Box 1653 Southport, QLD 4215 Australia Tel: +61 (07) 5532 3933 Fax: +61 (07) 5591 4778 www.hyderconsulting.com	Drawing No: C2002 - AA005621 - 03 Project No: AA005621 Issue: 03
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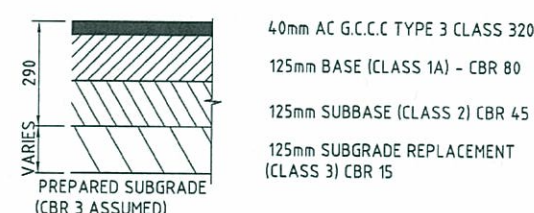
LEGEND

	EXISTING BARRIER KERB & CHANNEL
	EXISTING LAYBACK KERB & CHANNEL
	EXISTING MOUNTABLE KERB
	EXISTING EDGE OF BITUMEN
	EXISTING RP BOUNDARY
	EXISTING U/G ENERGEX CABLES
	EXISTING O/H ENERGEX CABLES
	EXISTING TRAFFIC SIGNAL CABLES
	EXISTING U/G TELSTRA CABLES
	EXISTING WATER MAIN
	EXISTING SEWER MAIN
	EXISTING GAS MAIN
	EXISTING OPTUS CABLE
	EXISTING FENCE
	EXISTING CONCRETE PATH EDGE
	EXISTING RETAINING WALL
	EXISTING STORMWATER PIPE
	EXISTING ELECTRICAL INSPECTION BOX
	EXISTING MAIN ROADS PIT
	EXISTING TELSTRA PIT
	EXISTING TELSTRA MARKER POST
	EXISTING POWER POLE
	EXISTING LIGHT POLE
	EXISTING FLOOD LIGHT
	EXISTING LIGHT POLE WITH EXTENSION
	EXISTING TRAFFIC SIGNAL
	EXISTING ELECTRICAL PILLAR
	EXISTING WATER METER
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING WATER TAP
	EXISTING TELEPHONE BOOTH
	EXISTING SIGN
	EXISTING BIN
	EXISTING POST BOX
	EXISTING BOLLARD
	NEW KERB & CHANNEL
	NEW CONCRETE INVERT CHANNEL
	NEW MOUNTABLE KERB
	NEW STORMWATER PIPE
	MANHOLE & STRUCTURE LABEL
	NEW GUARDRAIL
	NEW LIGHT POLE (REFER STREET LIGHTING DRAWINGS)
	NEW POWER POLE (REFER STREET LIGHTING DRAWINGS)
	NEW MAIN ROADS TRAFFIC SIGNAL CABLES
	NEW MAIN ROADS TRAFFIC SIGNAL CONDUITS (2 x 100mm dia. UPVC)
	NEW U/G TELSTRA CONDUIT
	NEW U/G WATER MAIN
	PROPOSED ROAD CROSSING
	WATER MAIN, FLUSHING POINT, SLUICE VALVE, FIRE HYDRANT, REDUCER & END CAP
	NEW U/G GAS MAIN
	NEW U/G SEWER RISING MAIN
	NEW U/G SEWER GRAVITY MAIN
	EXISTING TREE
	REMOVE EXISTING TREE
	RECONSTRUCT EXISTING DRIVEWAY
	BROOMED FINISH CONCRETE MEDIAL INFILL 80mm THICK N20 (COLOUR: TERRACOTTA)
	EXTENT OF NEW PAVEMENT



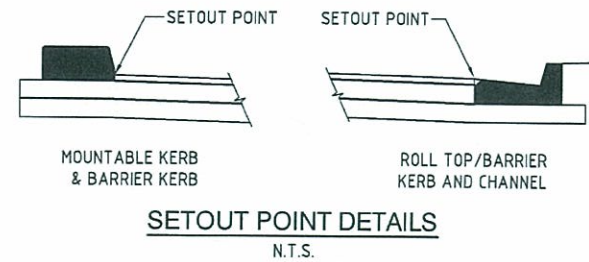
PAVEMENT TYPE 1

NOTE - ROAD PAVEMENT LAYER DEPTHS ARE SUBJECT TO (4 DAY SOAKED) SUBGRADE CBR TESTING



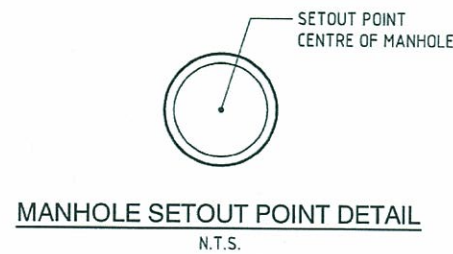
PAVEMENT TYPE 2

NOTE - ROAD PAVEMENT LAYER DEPTHS ARE SUBJECT TO (4 DAY SOAKED) SUBGRADE CBR TESTING



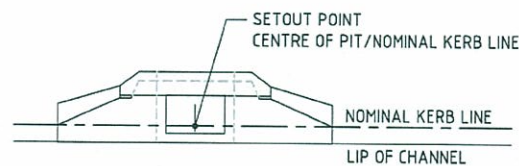
SETOUT POINT DETAILS

N.T.S.



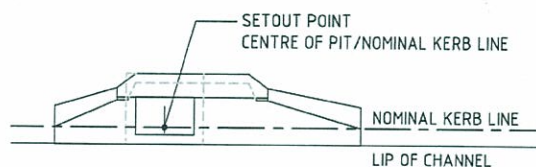
MANHOLE SETOUT POINT DETAIL

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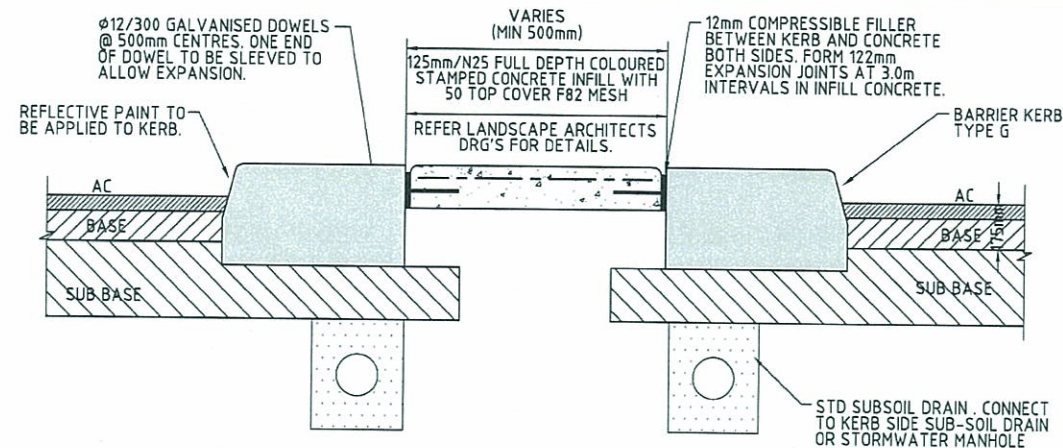
SAG GULLY SETOUT POINT DETAIL

N.T.S.



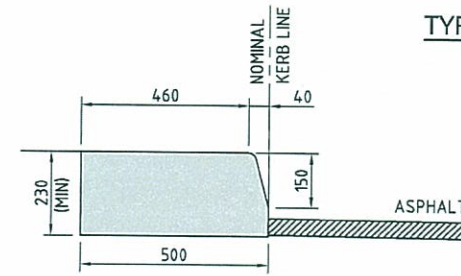
ON GRADE GULLY SETOUT POINT DETAIL

N.T.S.



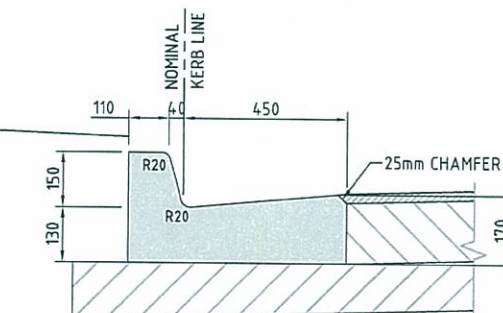
TYPICAL ISLAND SECTION

NOT TO SCALE



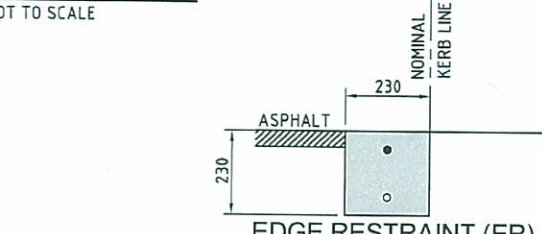
BARRIER KERB - TYPE G

SCALE 1:10



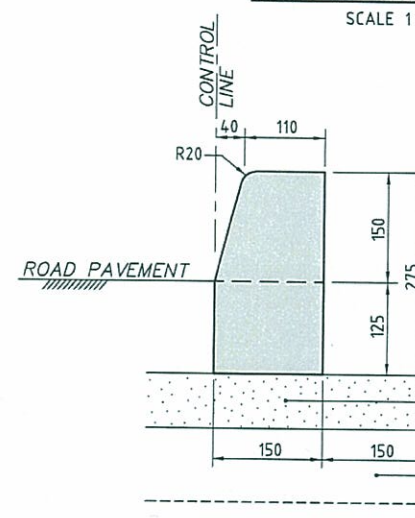
BARRIER KERB & CHANNEL - TYPE J

SCALE 1:10



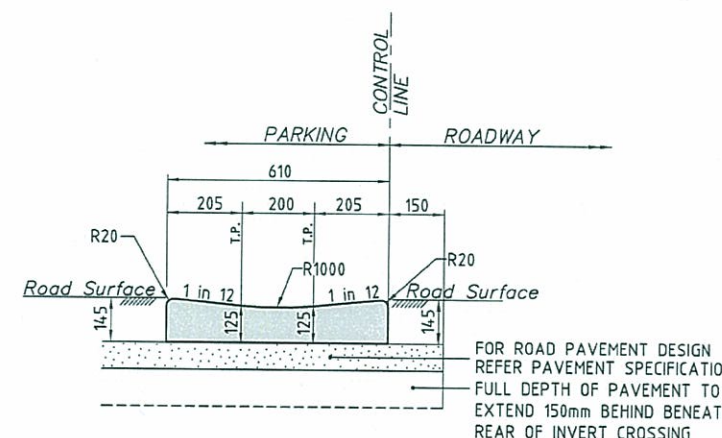
EDGE RESTRAINT (ER)

SCALE 1:10



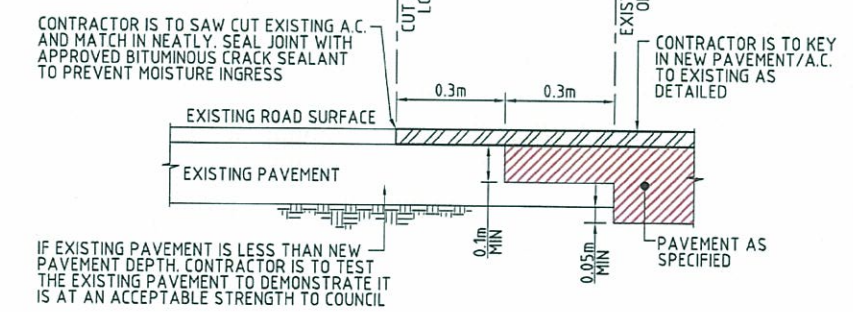
TYPICAL SECTION BARRIER KERB - TYPE A

SCALE 1:5



TYPICAL SECTION INVERT CROSSING - TYPE K

SCALE 1:10



CONNECTION TO EXISTING PAVEMENT

TYPICAL DETAIL SHOWING LONGITUDINAL CONSTRUCTION DETAIL FOR CONNECTION TO EXISTING PAVEMENT A.C. N.T.S.

NOTES

- NOTWITHSTANDING THE DETAILS SHOWN ON THE DRAWINGS ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH G.C.C.C. STANDARD SPECIFICATIONS AND DRAWINGS.
- NOTWITHSTANDING THE LIMITS AND FILLING SHOWN ON THE CROSS SECTIONS THE ACTUAL LIMITS SHALL BE DETERMINED ON SITE BY THE SUPERINTENDENT DURING CONSTRUCTION AND SIMILARLY THE FINISHED SURFACE CONTOURS MAY BE ADJUSTED BY WRITTEN DIRECTION OF THE SUPERINTENDENT DURING CONSTRUCTION.
- SIDE DRAINS SHALL BE CONSTRUCTED UNDER ALL KERB AS DIRECTED BY THE SUPERINTENDENT. REFER G.C.C.C. STANDARD DWG No. 05-02-103.
- ALL STORMWATER PIPES SHALL BE CLASS '2' RCP, UNLESS NOTED OTHERWISE.
- ALL DISTURBED AREAS SHALL BE TOPSOILED (MINIMUM THICKNESS 100mm) AND BE GRASS SEEDED U.N.O.
- SEAL TO BE A.C. SURFACING - AS SPECIFIED.
- SUBGRADE TEST RESULTS TO BE FORWARDED TO SUPERINTENDENT FOR DETERMINATION OF BOX DEPTHS PRIOR TO EXCAVATION. TESTS SHALL INCLUDE SOAKED C.B.R. AND/OR OTHER TESTS AS REQUESTED BY THE SUPERINTENDENT.
- THE CONTRACTOR SHALL OBTAIN THE LOCATION OF ALL SERVICES AND PROTECT THESE SERVICES PRIOR TO WORKING IN THE VICINITY. ANY DAMAGE WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- TEMPORARY WARNING SIGNS TO BE ERCTED AS PER DEPARTMENT OF TRANSPORT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
- ALL TRENCH BACK FILL MATERIAL UNDER ROAD PAVEMENT SHALL BE CBR 15 OR APPROVED EQUIVALENT.
- R.P. BOUNDARIES ARE DERIVED FROM MAP INFO AND ARE SUBJECT TO FINAL SURVEY.
- UNDERGROUND SERVICES THAT HAVE BEEN ACCURATELY LOCATED I.E. X-RAYED OR EXCAVATED ARE IDENTIFIED ON THESE PLANS WITH A REDUCED LEVEL TO TOP OF PIPE /SERVICE, U.N.O.
- REINSTATE THE AFFECTED WORK AREA TO PRIOR CONDITION INCLUDING FENCES, GATES, DRIVEWAYS ETC. WITH EXISTING OR MATCHING MATERIALS, U.N.O BY INFRASTRUCTURE PROJECT OFFICER.
- RETAIN ALL EXISTING TREES NOT DIRECTLY AFFECTED BY THE WORKS. ALL EXISTING TREES ARE NOT DETAILED ON THESE PLANS. DO NOT REMOVE TREES WITHIN PRIVATE PROPERTY.

PLANS AND DOCUMENTS referred to in the PDA APPROVAL

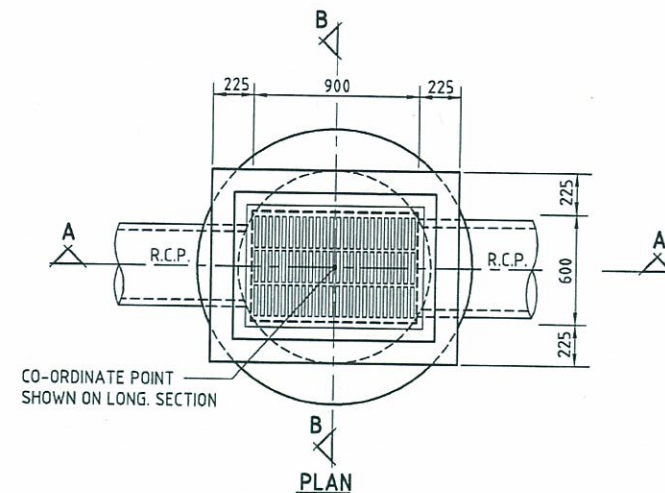
23 DEC 2013

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01 ISSUE FOR DPW APPROVAL P1 ISSUE FOR COMMENT		Author Date		Scale		Surveyor BENNETT • BENNETT Property Consultants, Surveyors • Town Planners All mail to: PO Box 5021, GCMC, Qld. 9726 mail@bennettandbennett.com.au 6101 Pw. Unit 4/14 910 427 521		Client Queensland Government DEPARTMENT OF STATE DEVELOPMENT, INFRASTRUCTURE & PLANNING		Status FOR APPROVAL CONSTRUCTION SUBJECT TO COUNCIL APPROVAL Approved <i>[Signature]</i> R.E.P. No. 8677 Scales AS STATED Original Size A1 Height AHD Grid MGA Copyright reserved		Project GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE		Title GENERAL NOTES, ROADWORKS & DRAINAGE DETAILS - SHEET 1 OF 2		Hyder CONSULTING PTY. LTD ABN 78 104 485 289 P O Box 1653 Southport, QLD 4215 Australia Tel: +61 (07) 5532 3933 Fax: +61 (07) 5591 4778 www.hyderconsulting.com		Drawing No. C2003 - AA005621 Project No. AA005621 Issue 01	
Issue Description		Author Date		Scale		Surveyor BENNETT • BENNETT Property Consultants, Surveyors • Town Planners All mail to: PO Box 5021, GCMC, Qld. 9726 mail@bennettandbennett.com.au 6101 Pw. Unit 4/14 910 427 521		Client Queensland Government DEPARTMENT OF STATE DEVELOPMENT, INFRASTRUCTURE & PLANNING		Status FOR APPROVAL CONSTRUCTION SUBJECT TO COUNCIL APPROVAL Approved <i>[Signature]</i> R.E.P. No. 8677 Scales AS STATED Original Size A1 Height AHD Grid MGA Copyright reserved		Project GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE		Title GENERAL NOTES, ROADWORKS & DRAINAGE DETAILS - SHEET 1 OF 2		Hyder CONSULTING PTY. LTD ABN 78 104 485 289 P O Box 1653 Southport, QLD 4215 Australia Tel: +61 (07) 5532 3933 Fax: +61 (07) 5591 4778 www.hyderconsulting.com		Drawing No. C2003 - AA005621 Project No. AA005621 Issue 01	

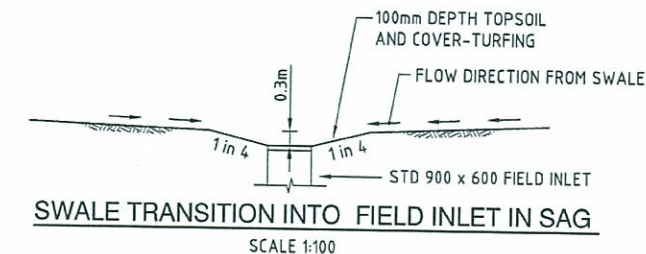
ROAD PIT NOTES

1. MANHOLE CONSTRUCTION AND REINFORCEMENT TO TOP SLABS IS TO BE GENERALLY IN ACCORDANCE WITH G.C.C.C STD DRAWINGS
2. ALL CONCRETE WORK TO CONFORM TO THE FOLLOWING :
 - a) CONCRETE STRENGTH = S50
 - b) CEMENT CONTENT = MIN. 400kg/cu.m.
 - c) WATER/CEMENT RATIO = 0.40
 - d) CEMENT TO BE PORTLAND TYPE 'A'
3. V-GRATES TO BE APPROVED HEAVY DUTY CAST-IRON TO SUIT 600 x 900mm CLEAR OPENING AS SHOWN. V-GRATE TYPE TO BE CONFIRMED PRIOR TO SUPPLY
4. PROVIDE SUB-DRAINAGE TO ALL KERB / KERB & CHANNEL. FOR DETAILS REFER TO G.C.C.C. STANDARD DRAWINGS



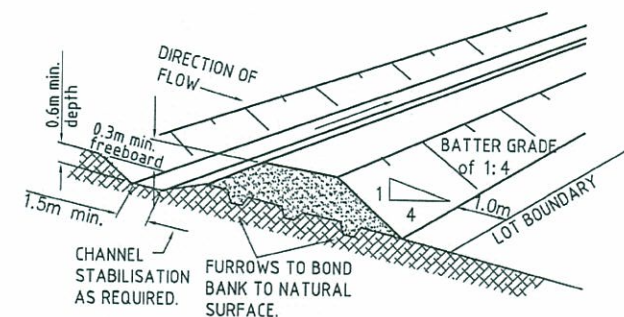
ROAD PIT TYPICAL DETAIL

SCALE 1:20



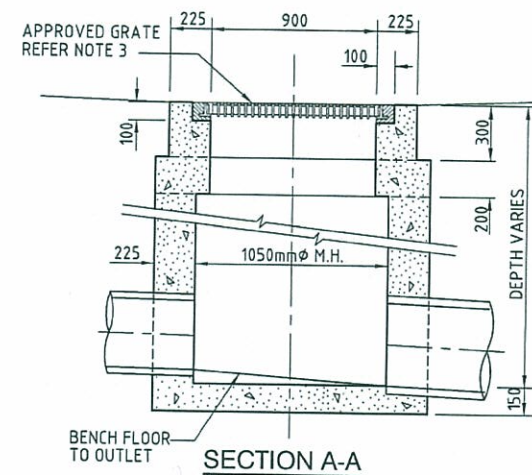
SWALE TRANSITION INTO FIELD INLET IN SAG

SCALE 1:100

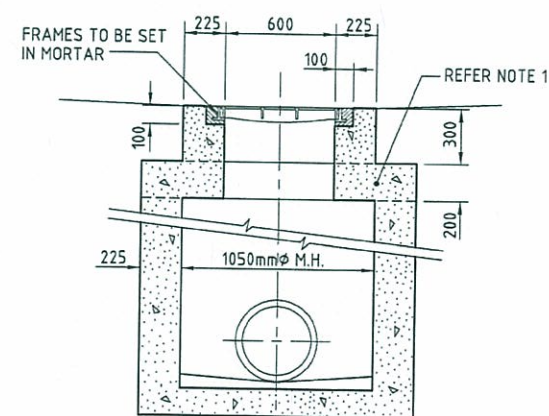


CUT-OFF DRAIN DETAIL

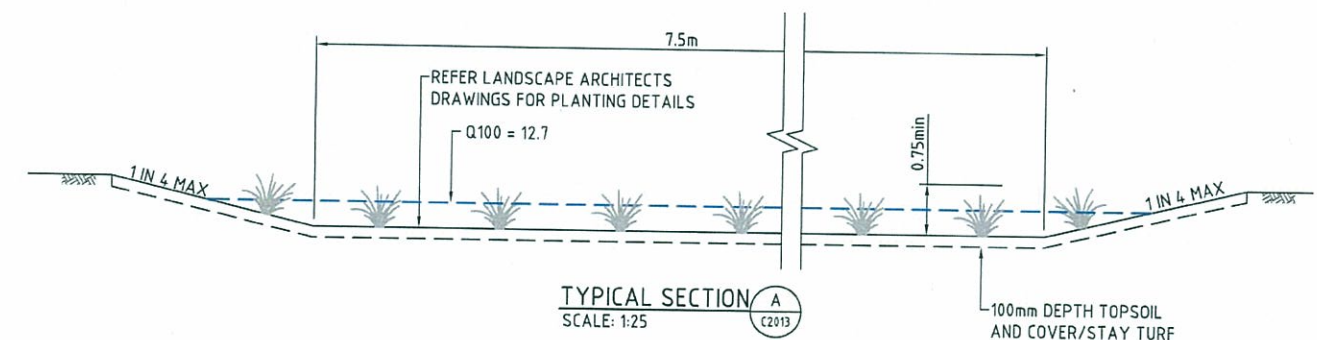
N.T.S.



SECTION A-A

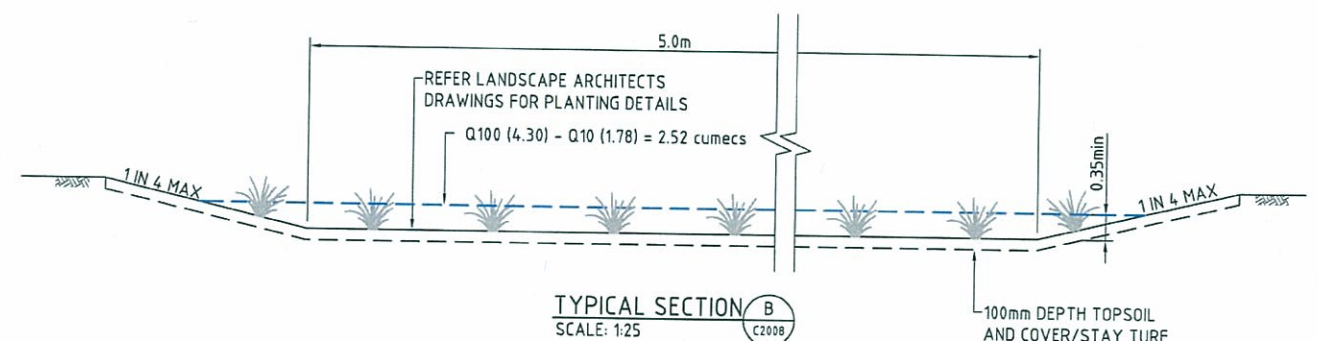


SECTION B-B



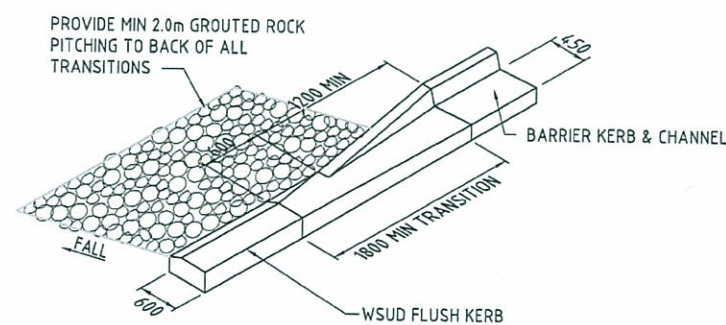
TYPICAL SECTION A

SCALE: 1:25



TYPICAL SECTION B

SCALE: 1:25



KERB TRANSITION DETAIL

SCALE 1:25

						Surveyor BENNETT + BENNETT Property Consultants, Surveyors & Town Planners All mail to: PO Box 5021, GCMC, Qld. 9720 mail@bennettandbennett.com.au BDM Pty Ltd A/C/N 010 427 521 COOMERA OFFICE 9 Jowett Street, Coomera, 4209 Ph (07) 5573 8177 Fax (07) 5529 4342		Client Queensland Government DEPARTMENT OF STATE DEVELOPMENT, INFRASTRUCTURE & PLANNING		Status FOR APPROVAL CONSTRUCTION SUBJECT TO COUNCIL APPROVAL Approved  R.E.P. No: 8677 Scales AS STATED Original Size A1 Height AHD Grid MGA Current Issue Signatures Author B DAVEY Designer T DINGLE Reviewer B THOMPSON © Copyright reserved		Project GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE Title GENERAL NOTES, ROADWORKS & DRAINAGE DETAILS - SHEET 2 OF 2		Hyder HYDER CONSULTING PTY. LTD ABN 78 104 485 289 P O Box 1653 Southport, QLD 4215 Australia Tel: +61 (07) 5532 3933 Fax: +61 (07) 5591 4778 www.hyderconsulting.com	
01 ISSUE FOR OPW APPROVAL		BD		14/10/13											
P1 ISSUE FOR COMMENT		BD		23/08/13											
Issue Description		Author		Date											
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Filename: C2003-C2004-AA005621-RDWKS & DRAIN DET.DWG															
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PLANS AND DOCUMENTS referred to in the PDA APPROVAL

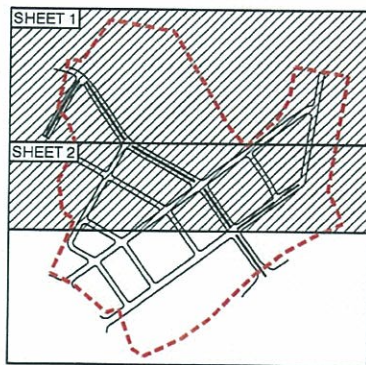
23 DEC 2013

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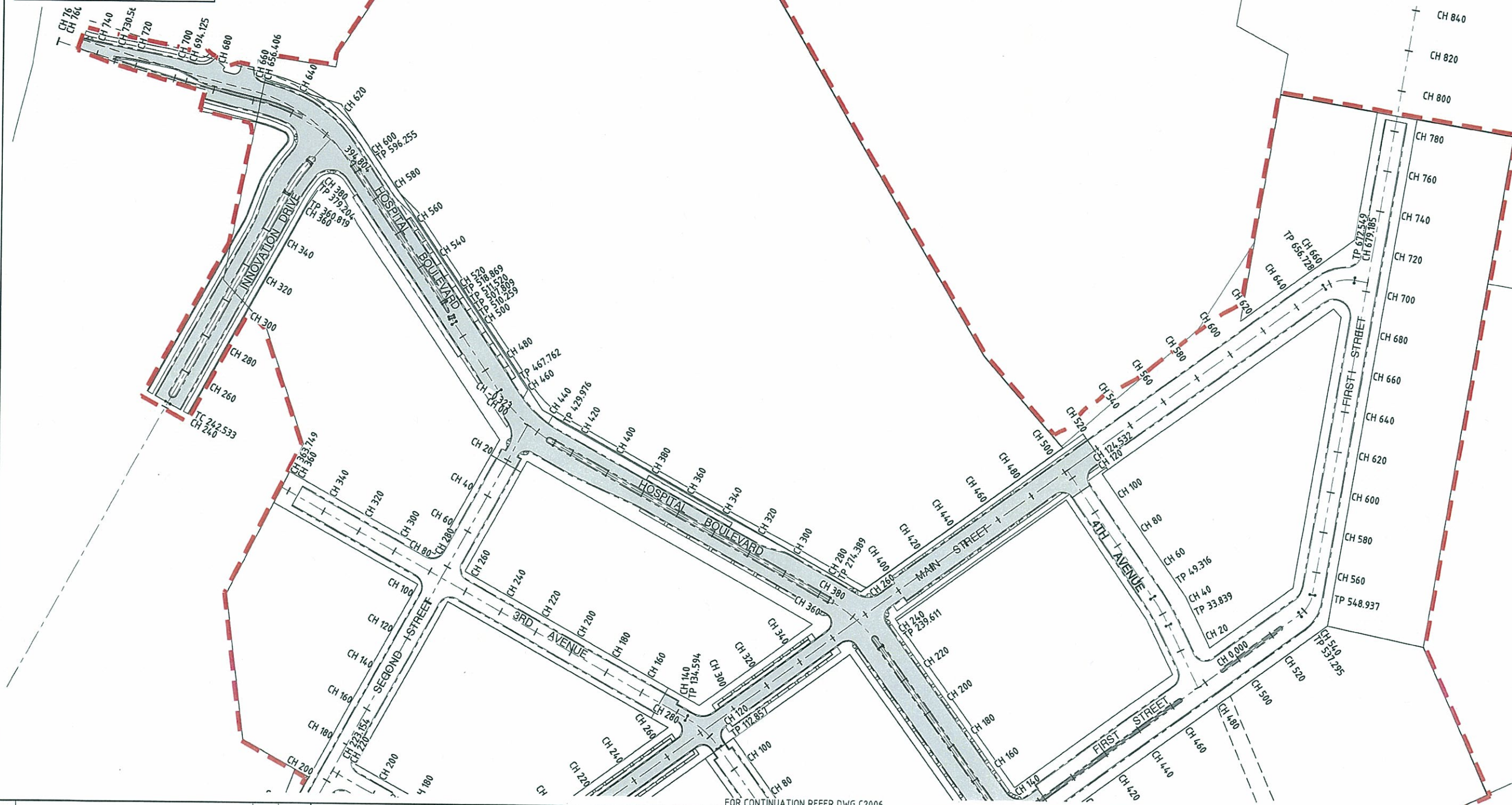
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PLANS AND DOCUMENTS
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FOR CONTINUATION REFER DWG C2006

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Architect
ARCHIPELAGO

Filename: C2005-C2007-AA005621-CONTROL LINE.DWG



**Queensland
Government**

DEPARTMENT OF STATE
DEVELOPMENT, INFRASTRUCTURE
& PLANNING

Status
FOR APPROVAL
CONSTRUCTION SUBJECT TO COUNCIL APPROVAL

Approved *[Signature]* R.E.P.D. No: 8677

Scales	1:1000	Current Issue Signatures
Original Size	A1	Author B.DAVEY
Height	AHD	Designer T.DINGLE
Datum	MGA	Reviewer B.THOMPSON
Grid	MGA	Copyright reserved

Project
**GOLD COAST
PARKLANDS REDEVELOPMENT**
TRUNK INFRASTRUCTURE

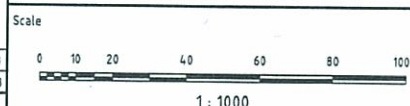
Title
**CONTROL LINE SETOUT
DETAILS - SHEET 1 OF 3**



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Drawing No. C2005 — AA005621 — 01
Project No. Issue

01	ISSUE FOR OPW APPROVAL	BD	14/10/13
P1	ISSUE FOR COMMENT	BD	23/08/13
Issue	Description	Author	Date



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23 DEC 2013

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CONTROL LINE SETOUT - HOSPITAL BOULEVARD

PT	CHAINAGE	EASTING	NORTHING	LEVEL	BEARING	RAD/SPIRAL	A.LENGTH	D.ANGLE
IP1	0.000	538279.187	6906850.287	15.230	323°50'41.01"			
TC	239.611	538137.822	6907043.754	9.882	323°50'41.01"			
IP2	257.000	538127.399	6907058.019	9.797		-80.000	34.778	24°54'28.50"
CT	274.389	538111.936	6907066.568	9.748	298°56'12.50"			
TC	429.976	537975.774	6907114.848	9.275	298°56'12.50"			
IP3	448.869	537958.925	6907151.163	9.212		80.000	37.786	27°03'43.69"
CT	467.762	537948.159	6907167.123	9.253	325°59'56.19"			
TC	507.809	537925.764	6907200.324	9.466	325°59'56.19"			
IP4	509.034	537925.076	6907201.345	9.473		10.000	2.450	14°02'10.48"
CT	510.259	537924.655	6907202.502	9.480	340°02'06.67"			
TC	511.520	537924.225	6907203.686	9.486	340°02'06.67"			
IP5	515.194	537922.964	6907207.158	9.506		-30.000	7.349	14°02'10.48"
CT	518.869	537920.899	6907210.219	9.526	325°59'56.19"			
TC	596.255	537877.624	6907274.375	10.817	325°59'56.19"			
IP6	626.330	537859.966	6907300.553	12.214		-80.000	60.151	43°04'46.77"
IP7	656.406	537829.188	6907307.613	13.809				
IP8	675.265	537810.799	6907311.831	14.811		603.493	37.719	3°34'51.92"
IP9	694.125	537792.711	6907317.189	15.932				
IP10	730.567	537757.770	6907327.539	18.513				
IP11	745.436	537743.511	6907331.763	19.599		934.500	29.739	1°49'24.09"
IP12	760.306	537729.394	6907336.438	NaN	288°19'25.35"			

CONTROL LINE SETOUT - MAIN STREET

PT	CHAINAGE	EASTING	NORTHING	LEVEL	BEARING	RAD/SPIRAL	A.LENGTH	D.ANGLE
IP1	-50.802	537789.953	6906797.970	NaN	28°37'23.48"			
TC	-49.051	537790.792	6906799.508	NaN	28°37'23.48"			
IP2	-45.456	537792.516	6906802.668	NaN		50.500	7.189	8°09'22.34"
CT	-41.862	537794.672	6906805.552	NaN	36°46'45.82"			
TC	-24.400	537805.128	6906819.538	NaN	36°46'45.82"			
IP3	-16.953	537809.619	6906825.547	NaN		50.000	14.893	17°03'56.20"
CT	-9.507	537815.676	6906829.973	NaN	53°50'42.02"			
IP4	0.000	537823.353	6906835.582	NaN				
TC	656.728	538353.609	6907223.035	11.637	53°50'40.97"			
IP5	664.639	538360.351	6907227.962	11.875		20.000	15.821	45°19'26.71"
CT	672.549	538368.595	6907226.631	12.112	99°10'07.68"			
IP6	679.185	538375.146	6907225.574	12.311	99°10'07.68"			

CONTROL LINE SETOUT - INNOVATION STREET

PT	CHAINAGE	EASTING	NORTHING	LEVEL	BEARING	RAD/SPIRAL	A.LENGTH	D.ANGLE
IP1	0.000	537652.075	6906959.516	NaN	44°42'17.64"			
TC	62.200	537695.830	6907003.725	NaN	44°42'17.64"			
IP2	73.199	537703.616	6907011.592	NaN		-80.000	21.998	15°45'17.64"
CT	84.198	537708.974	6907021.277	NaN	28°56'60.00"			
TC	360.819	537842.871	6907263.332	10.851	28°56'60.00"			
IP3	370.011	537847.341	6907271.411	11.029		80.000	18.385	13°10'03.05"
CT	379.204	537853.533	6907278.260	11.259	42°07'03.05"			
IP4	394.804	537863.995	6907289.832	NaN	42°07'03.05"			

CONTROL LINE SETOUT - FIRST STREET

PT	CHAINAGE	EASTING	NORTHING	LEVEL	BEARING	RAD/SPIRAL	A.LENGTH	D.ANGLE
IP1	0.000	537907.198	6906750.465	20.710	68°11'29.82"			
TC	16.742	537922.742	6906756.685	20.519	68°11'29.82"			
IP2	23.002	537928.585	6906759.023	20.572		-50.000	12.520	14°20'48.92"
CT	29.262	537933.666	6906762.735	20.520	53°50'40.90"			
TC	537.295	538343.862	6907062.462	14.863	53°50'40.90"			
IP3	543.116	538348.813	6907066.080	14.832		-15.000	11.642	44°28'10.33"
CT	548.937	538349.812	6907072.130	14.780	9°22'30.57"			
IP4	842.256	538397.593	6907361.531	14.500	9°22'30.57"			

CONTROL LINE SETOUT - SECOND STREET

PT	CHAINAGE	EASTING	NORTHING	LEVEL	BEARING	RAD/SPIRAL	A.LENGTH	D.ANGLE
IP1	-0.323	537962.681	6907150.895	NaN	208°55'47.03"			
IP2	0.000	537962.525	6907150.612	9.205				
TC	245.497	537843.742	6906935.765	21.290	208°56'12.50"			
IP3	257.278	537836.485	6906922.637	21.463		-15.000	23.562	89°59'60.00"
CT	269.059	537849.612	6906915.380	21.513	118°56'12.50"			
IP4	323.016	537896.832	6906889.273	NaN	118°56'12.50"			

CONTROL LINE SETOUT - 1ST AVENUE

PT	CHAINAGE	EASTING	NORTHING	LEVEL	BEARING	RAD/SPIRAL	A.LENGTH	D.ANGLE
IP1	0.000	537896.832	6906889.273	21.325	130°23'19.07"			
TC	4.428	537900.205	6906886.404	21.150	130°23'19.07"			
IP2	7.950	537902.900	6906884.111	21.011		30.000	7.046	13°27'21.93"
CT	11.473	537904.988	6906881.253	20.884	143°50'41.01"			
IP3	124.086	537971.427	6906790.327	NaN	143°50'41.01"			

CONTROL LINE SETOUT - 2ND AVENUE

PT	CHAINAGE	EASTING	NORTHING	LEVEL	BEARING	RAD/SPIRAL	A.LENGTH	D.ANGLE
IP1	0.000	538028.684	6906832.164	13.853	323°50'41.01"			
TC	112.857	537962.101	6906923.287	17.643	323°50'41.01"			
IP2	123.725	537955.586	6906932.203	18.060		-50.000	21.736	24°54'28.50"
CT	134.593	537945.922	6906937.546	17.900	298°56'12.50"			
IP3	223.154	537868.417	6906980.396	NaN	298°56'12.50"			

CONTROL LINE SETOUT - 3RD AVENUE

PT	CHAINAGE	EASTING	NORTHING	LEVEL	BEARING	RAD/SPIRAL	A.LENGTH	D.ANGLE
IP1	0.000	538125.130	6906902.636	10.233	323°50'41.01"			
TC	112.857	538058.547	6906993.760	12.242	323°50'41.01"			
IP2	123.725	538052.032	6907002.676	12.625		-50.000	21.736	24°54'28.50"
CT	134.594	538042.368	6907008.018	12.466	298°56'12.50"			
IP3	363.749	537841.821	6907118.894	14.000	298°56'12.50"			

CONTROL LINE SETOUT - 4TH AVENUE

PT	CHAINAGE	EASTING	NORTHING	LEVEL	BEARING	RAD/SPIRAL	A.LENGTH	D.ANGLE
IP1	0.000	538294.087	6907026.092	13.920	333°56'24.78"			
TC	33.839	538279.221	6907056.492	12.933	333°56'24.78"			
IP2	4.1578	538275.815	6907063.457	12.627		-100.000	15.477	8°52'03.09"
CT	49.316	538271.376	6907069.814	12.317	325°04'21.69"			
IP3	124.532	538228.312	6907131.482	9.514	325°04'21.69"			

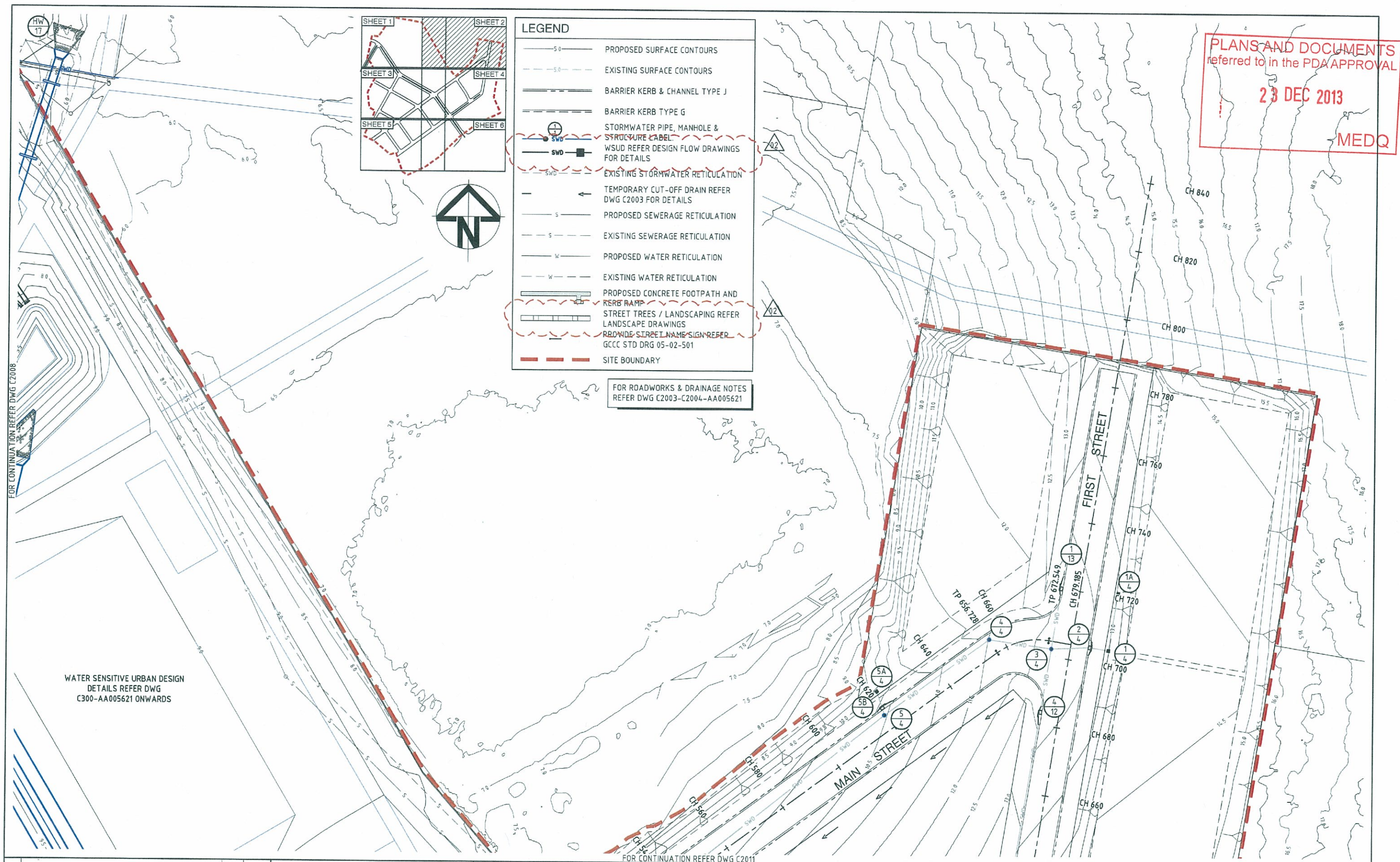
CONTROL LINE SETOUT - SMITH STREET CONTROL LINE 1

PT	CHAINAGE	EASTING	NORTHING	LEVEL	BEARING	RAD/SPIRAL	A.LENGTH	D.ANGLE
IP1	0.000	538170.501	6906769.532	13.655	41°59'27.63"			
IP2	10.050	538177.225	6906777.001	13.832				
IP3	10.500	538177.528	6906776.669	13.840				
IP4	12.292	538178.855	6906777.876	13.872		-30.450	3.585	6°44'46.13"
CT	14.085	538180.032	6906779.232	13.903	40°57'20.07"			
TC	46.041	538200.978	6906803.366	14.458	40°57'20.07"			
IP5	49.449	538203.214	6906805.942	14.516		59.550	6.816	6°33'27.79"
CT	52.857	538205.730	6906808.246	14.572	47°30'47.85"			
TC	106.032	538244.943	6906844.162	15.377	47°30'47.85"			
IP6	109.860	538247.791	6906846.771	15.408		-23.450	7.656	18°42'23.51"
CT	113.688	538249.653	6906850.155	15.429	28°48'24.34"			
TC	121.017	538253.184	6906856.577	15.441	28°48'24.34"			
IP7	129.208	538257.616	6906864.637	15.407		-14.450	16.383	64°57'43.34"
IP8	137.400	538252.189	6906872.065	15.248	323°50'41.01"			

CONTROL LINE SETOUT - SMITH STREET CONTROL LINE 2

PT	CHAINAGE	EASTING	NORTHING	LEVEL	BEARING	RAD/SPIRAL	A.LENGTH	D.ANGLE
IP1	0.000	538261.492	6906889.674	14.873	143°50'41.01"			
IP2	2.425	538262.941	6906887.690	14.993		-12.450	4.851	22°19'26.25"
CT	4.851	538265.035	6906886.406	15.102	121°31'14.76"			
IP3	23.130	538280.617	6906876.849	15.609				
IP4	30.501	538287.754	6906872.472	15.711		-12.450	14.741	67°50'26.73"
IP5	37.871	538294.500	6906877.431	15.770				
IP6	64.908	538316.299	6906893.456	15.930		607.651	54.074	5°05'55.22"
IP7	91.945	538339.436	6906907.479	NaN	58°46'43.24"			

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Scale 100mm on Original		Architect ARCHIPELAGO Filename: C2005-C2007-AA005621-CONTROL LINE DWG		Client Queensland Government DEPARTMENT OF STATE DEVELOPMENT, INFRASTRUCTURE & PLANNING		Drawing No. C2007		Project No. AA005621	
Issue Description 01 ISSUE FOR DPW APPROVAL P1 ISSUE FOR COMMENT		Author BD		Date 14/10/13 23/08/13		Issue 01		Issue 01	



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