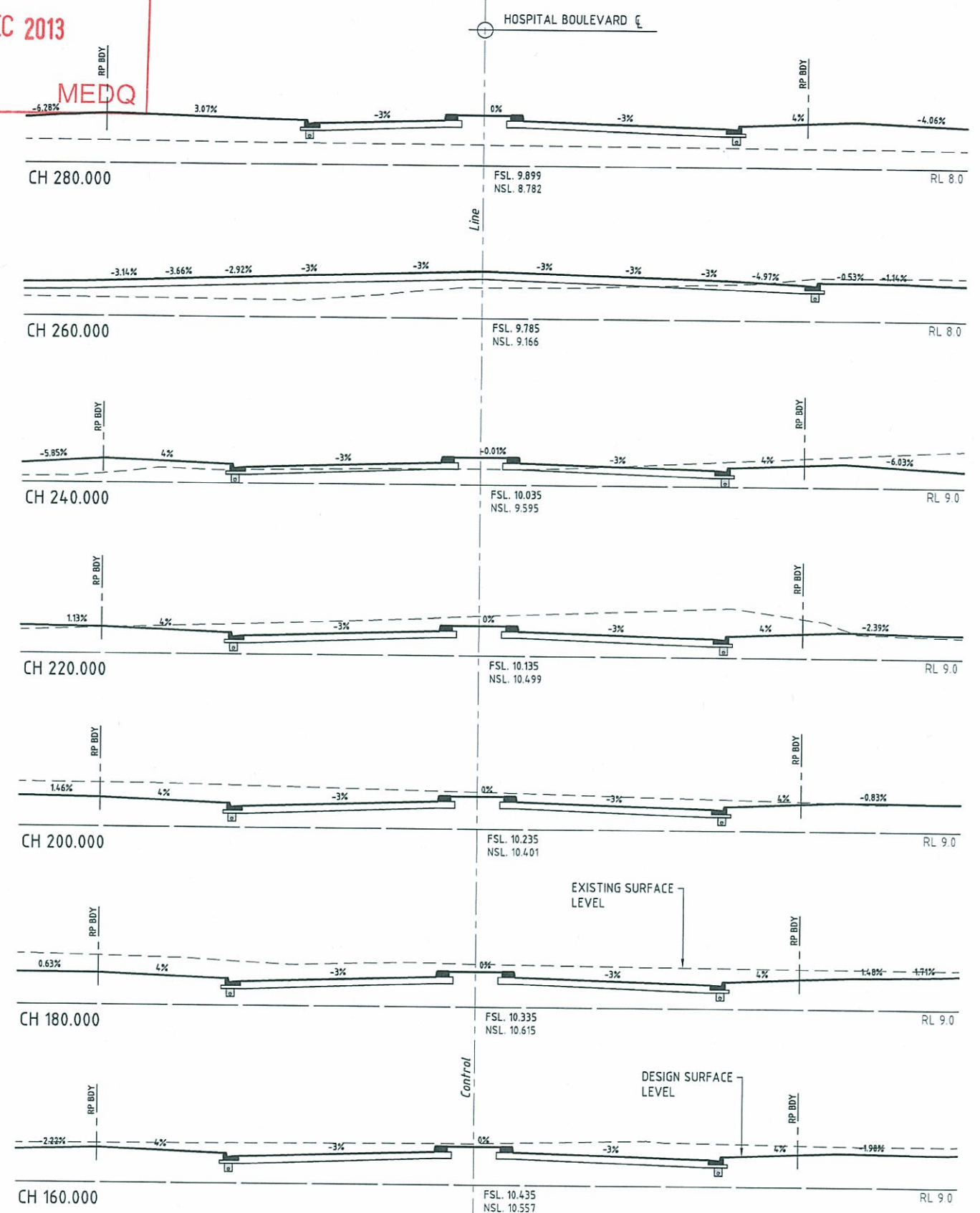
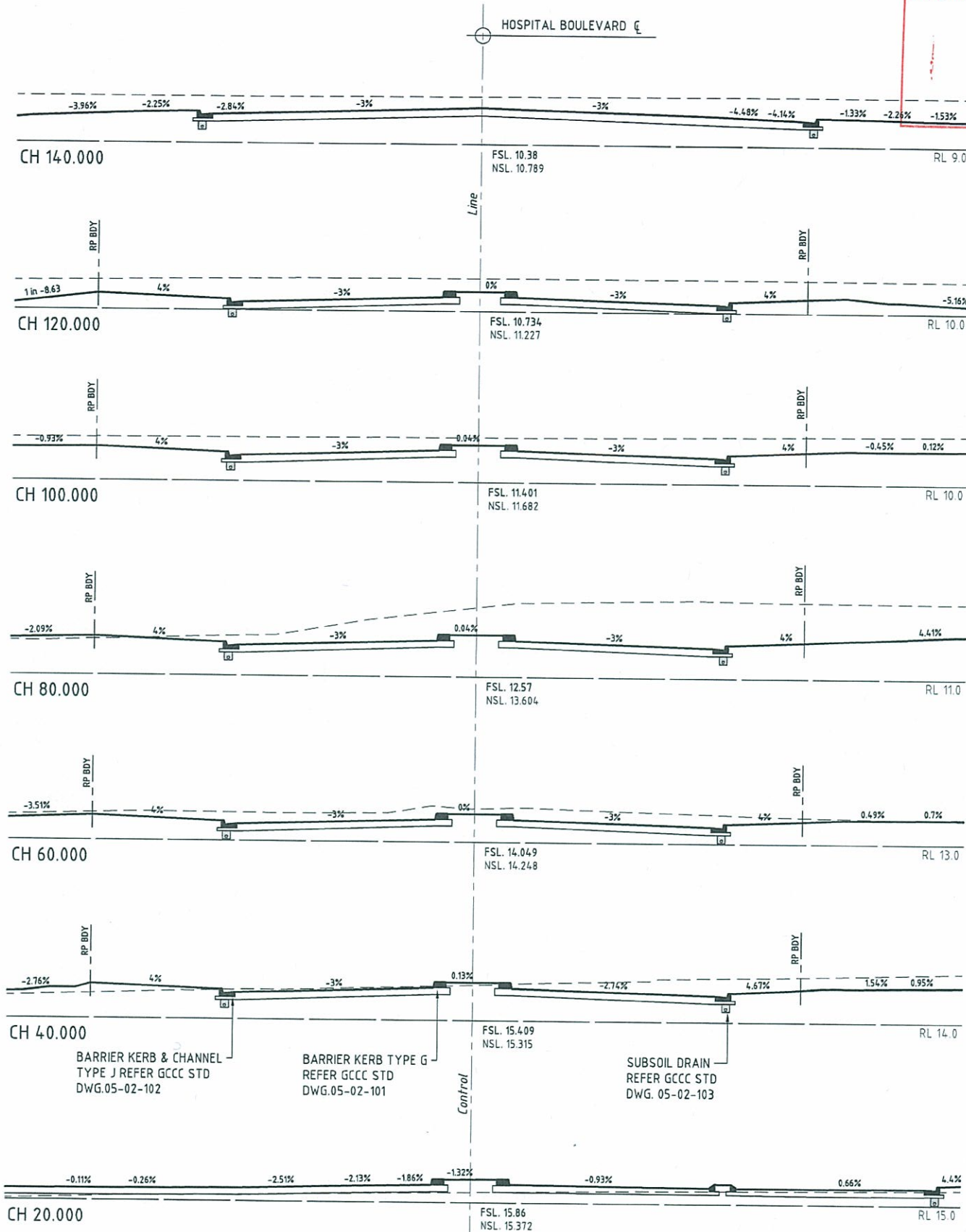


PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

23 DEC 2013

MEDQ



01 ISSUE FOR DPW APPROVAL P2 ISSUE FOR COMMENT P1 PRELIMINARY ISSUE		BD 14/10/13 BD 23/08/13 BD 04/07/13	Author Date
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. 9720 Tel: (07) 5522 6177 Fax: (07) 5522 4342	
Architect ARCHIPELAGO Filename: C2108-C2114-AA005621- RD X SECTIONS.DWG		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: 1:100 Original Size: A1 Height Datum: AHD Grid: MGA		Project GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE HOSPITAL BOULEVARD CROSS SECTIONS - SHEET 1 OF 3	
Drawing No. C2108 - AA005621 - 01		Project No. AA005621 - 01	

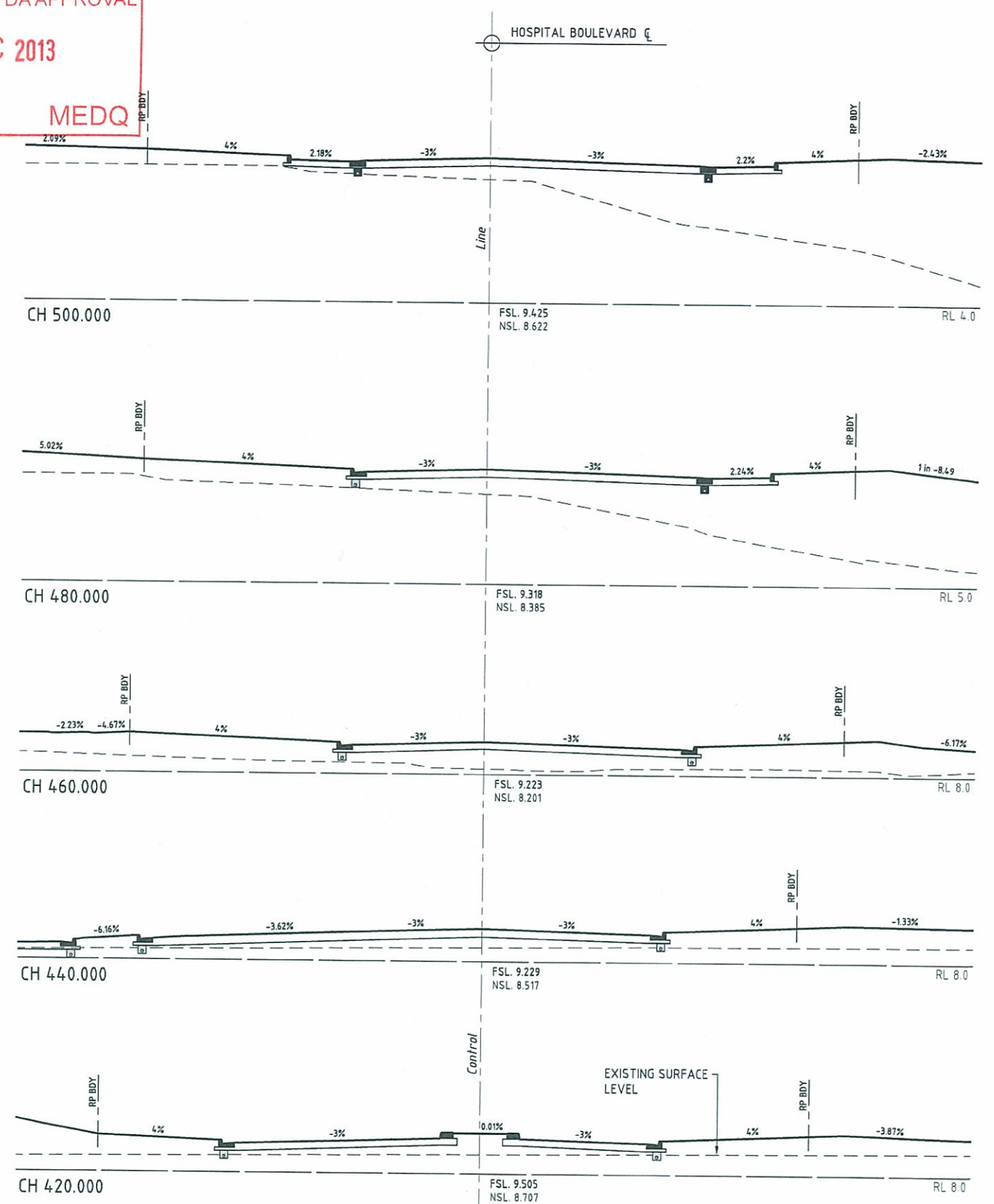
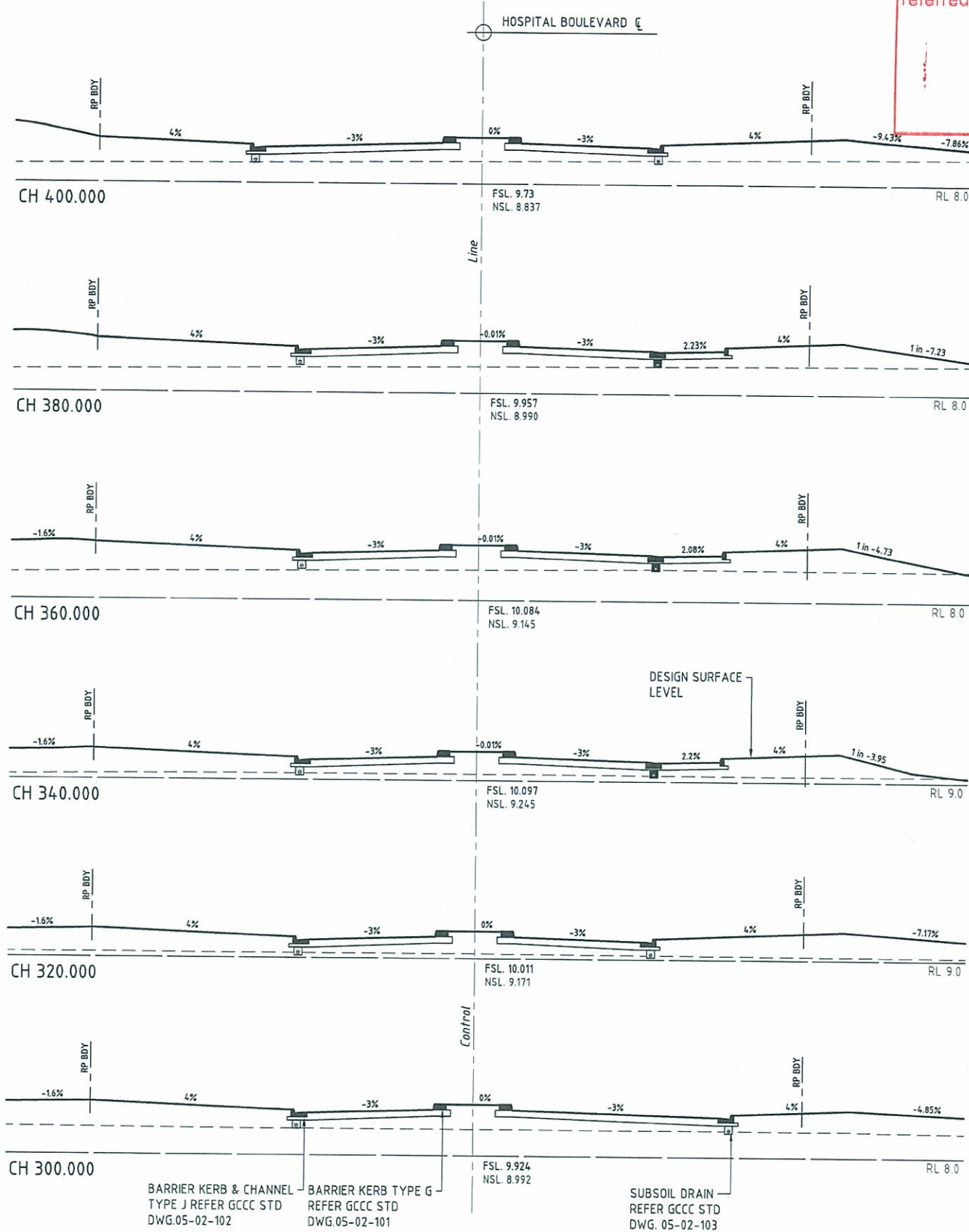


HYDER CONSULTING PTY. LTD
 ABN 76 104 485 289
 P O Box 1653
 Southport, QLD 4215
 Australia
 Tel: +61 (07) 5532 3933
 Fax: +61 (07) 5591 4778
 www.hyderconsulting.com

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

23 DEC 2013

MEDQ



01 ISSUE FOR OPW APPROVAL P2 ISSUE FOR COMMENT P1 PRELIMINARY ISSUE Issue Description		Author Date		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@bennettbennett.com.au 800 000 100 427 821		Architect ARCHIPELAGO Filename: C2108-C2114-AA005621- RD X SECTIONS.DWG		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: 1:100 Original Size: A1 Height Datum: AHD Grid: MGA		Project GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE HOSPITAL BOULEVARD CROSS SECTIONS - SHEET 2 OF 3		Title HOSPITAL BOULEVARD CROSS SECTIONS - SHEET 2 OF 3		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. C2109 Project No. AA005621 Issue 01	
---	--	----------------	--	-------------------------------------	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	---	--

14/01/2013 1:35 PM

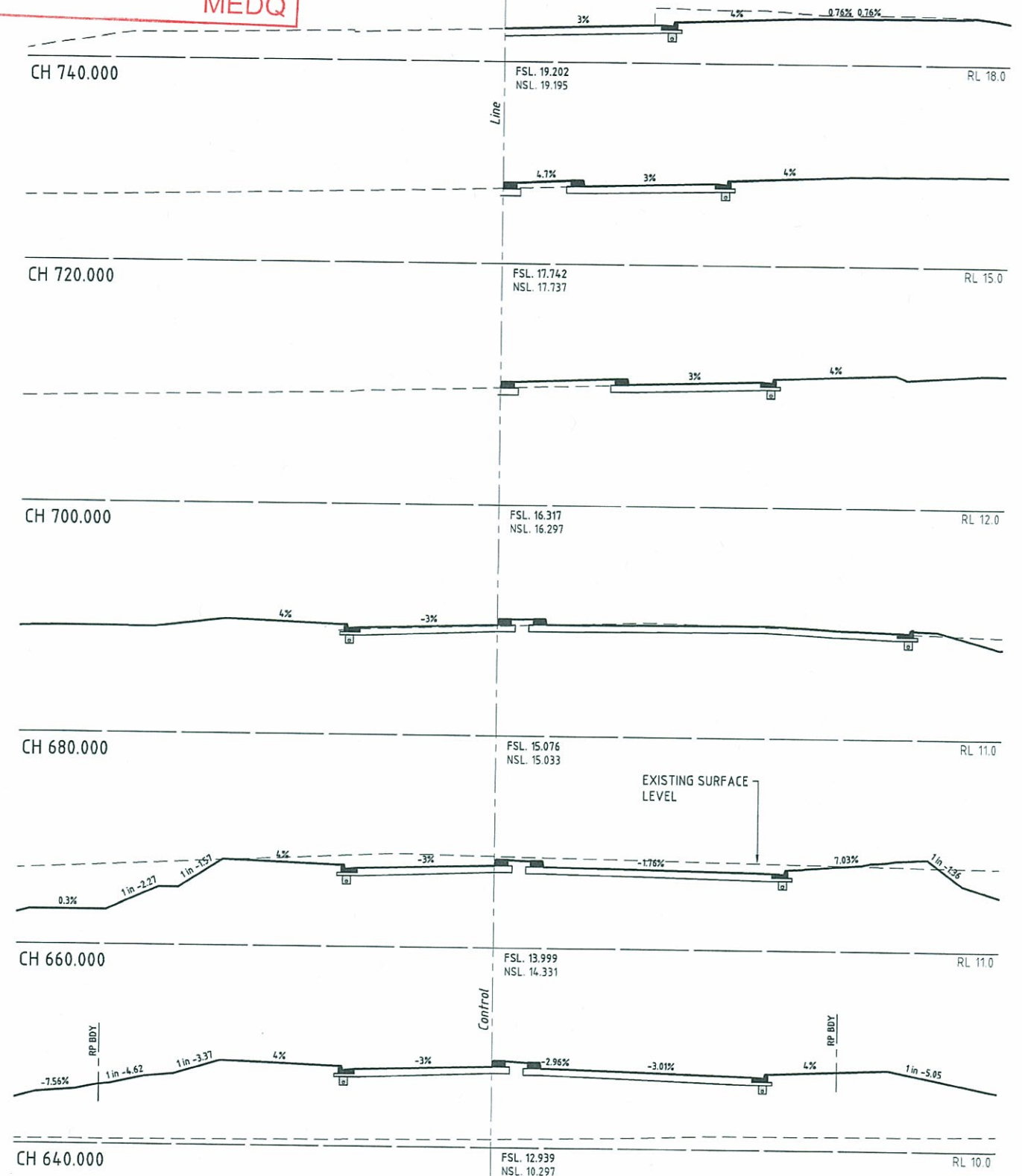
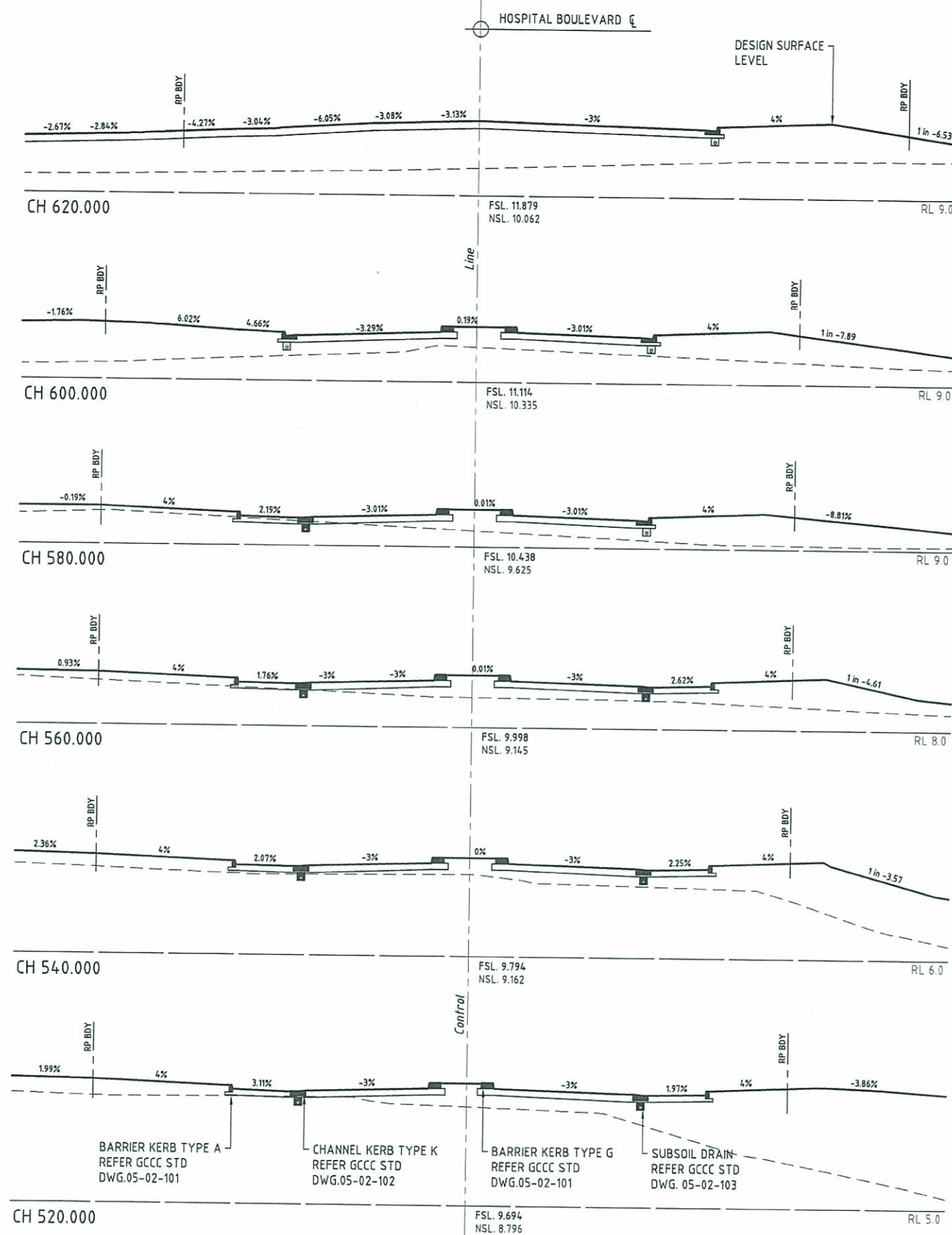
\\hc-aus-gc-fs-01\jobs\AA005621\NE-CAD\LC-Civil\RD-Final\C2108-C2114-AA005621- RD X SECTIONS.DWG

V1

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

23 DEC 2013

MEDQ



01 ISSUE FOR OPW APPROVAL P2 ISSUE FOR COMMENT P1 PRELIMINARY ISSUE		BD 14/10/13 BD 23/08/13 BD 04/07/13	Author Date	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. 9720 Email: info@benett-bennett.com.au Phone: (07) 5532 8177 Fax: (07) 5532 4342	Architect ARCHIPELAGO Filename: C2108-C2114-AA005621- RD X SECTIONS.DWG	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 Scales: 1:100 Original Size: A1 Height Datum: AHD Grid: MGA	Project GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE Title HOSPITAL BOULEVARD CROSS SECTIONS - SHEET 3 OF 3	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
--	--	---	----------------	-----------------------------------	---	--	--	---	--	--

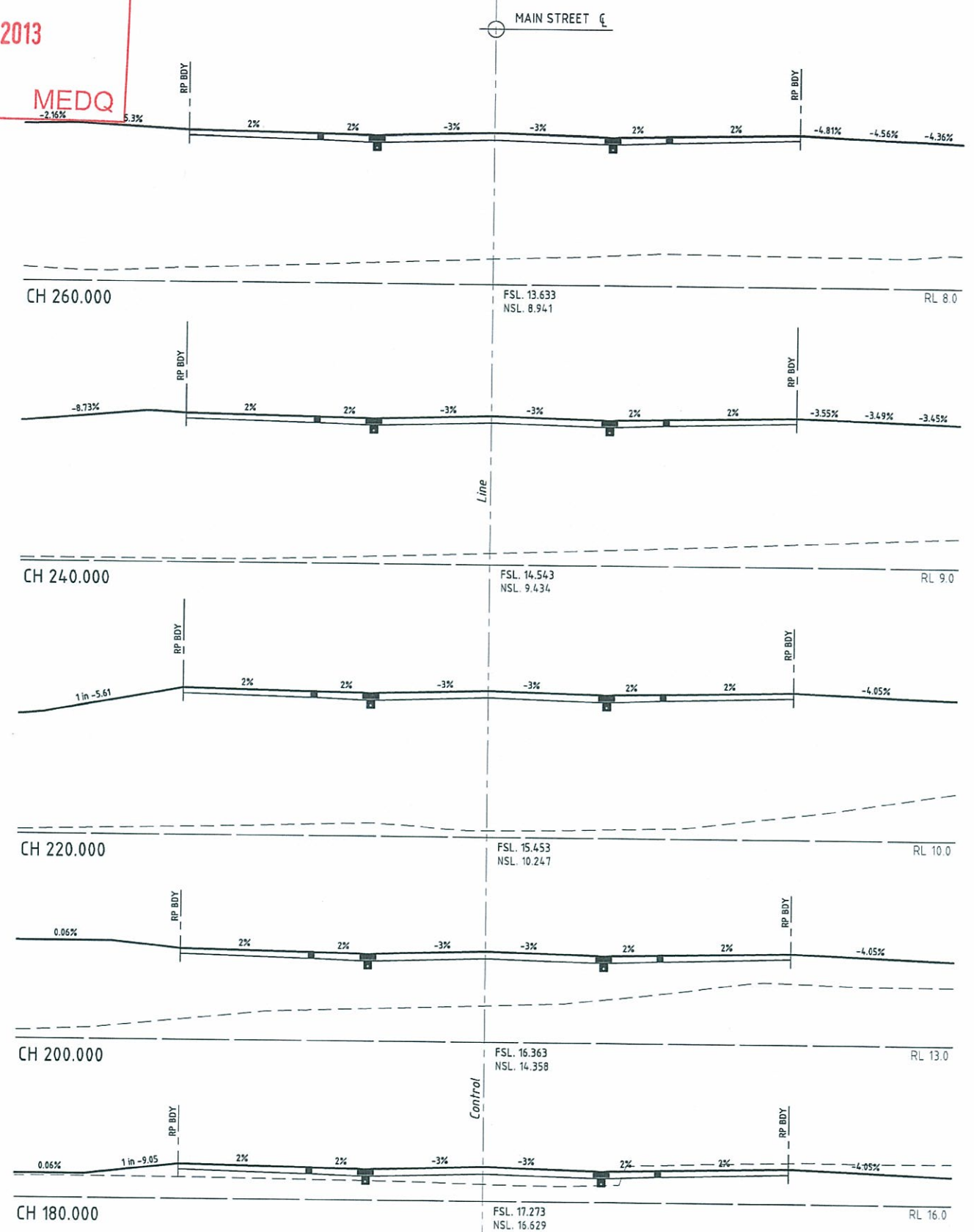
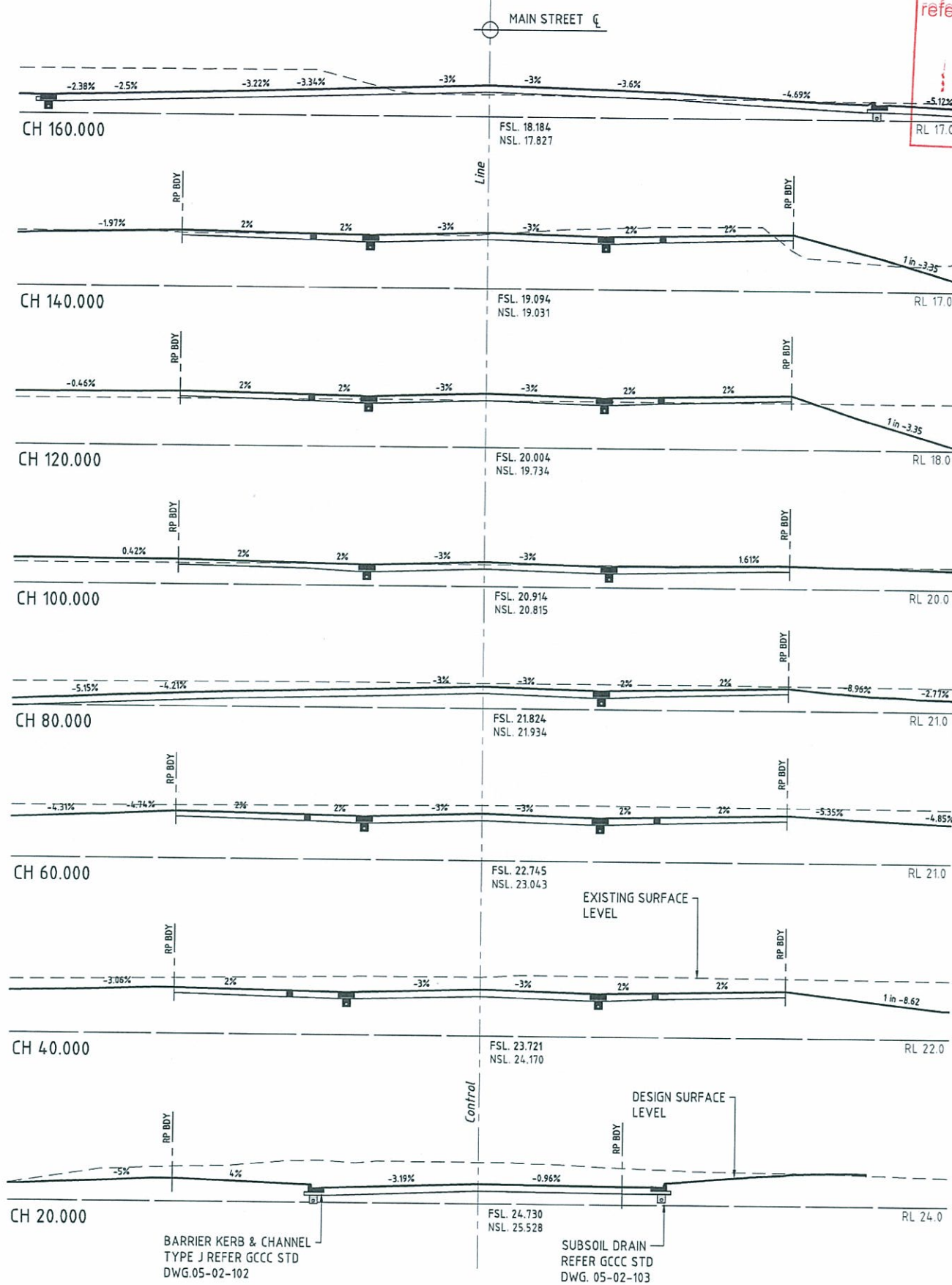
Drawing No. C2110 Project No. AA005621 Issue 01

14/Oct/2013 1:35 PM \\hc-aus-gc-fs-01\jobs\AA005621\VE-CAD\VC-Civil\VD-Final\VC2108-C2114-AA005621- RD X SECTIONS.dwg

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

23 DEC 2013

MEDQ

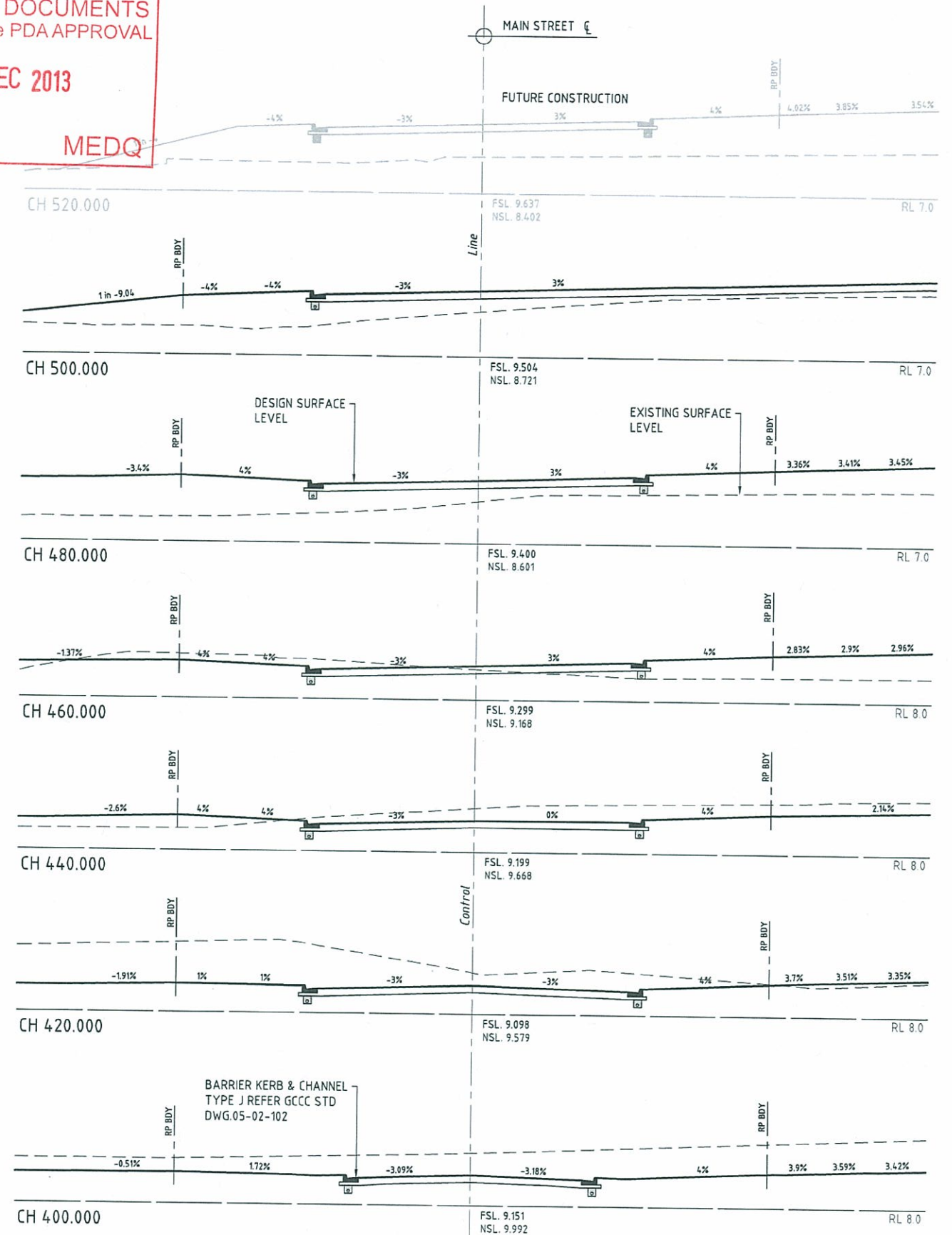
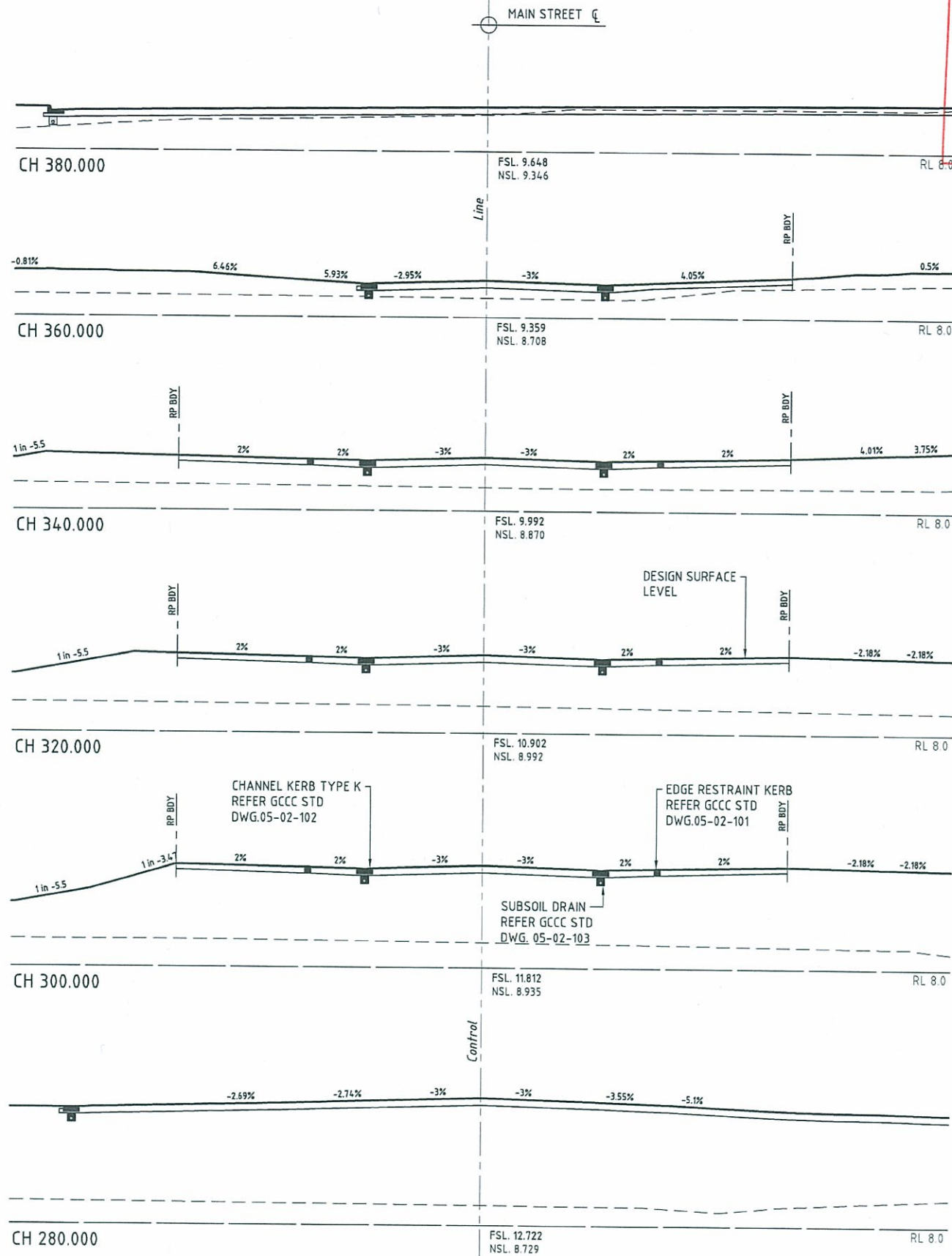


01 ISSUE FOR OPW APPROVAL P2 ISSUE FOR COMMENT P1 PRELIMINARY ISSUE		BD 14/10/13 BD 23/08/13 BD 04/07/13	Scale 0 1 2 4 6 8 10m 1 : 100	Surveyor BENNETT • BENNETT Property Consultants, Surveyors • Town Planners All mail to: PO Box 5021, GCMC, Qld. 9720 Email: info@bennett-bennett.com.au Phone: (07) 5573 6177 Fax: (07) 5573 6172	Architect ARCHIPELAGO Filename: C2108-C2114-AA005621-RD X SECTIONS.DWG	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 Scales 1:100 Original Size A1 Height Datum AHD Grid MGA	Project GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE Title MAIN STREET CROSS SECTIONS - SHEET 1 OF 2	Hyder HYDER CONSULTING PTY. LTD. ABN 78 104 485 289 P O Box 1653 Southport, QLD 4215 Australia Tel: +61 (07) 5532 3833 Fax: +61 (07) 5591 4778 www.hyderconsulting.com
Issue Description Author Date		Drawing No. C2111 Project No. AA005621 Issue 01		14/Oct/2013 1:35 PM \\hct-aus-gc-fs-01\jobs\AA005621\VE-CAD\VC-Civil\D-Final\C2108-C2114-AA005621-RD X SECTIONS.DWG					

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

23 DEC 2013

MEDQ



01 ISSUE FOR OPW APPROVAL P2 ISSUE FOR COMMENT P1 PRELIMINARY ISSUE		BD 14/10/13 BD 23/08/13 BD 04/07/13	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 mab@bennettandbennett.com.au 6001 Pty Ltd A 514 514 42101	Architect ARCHIPELAGO Filename: C2108-C2114-AA005621-RD X SECTIONS.DWG	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 Scales: 1:100 Original Size: A1 Height Datum: AHD Grid: MGA	Project GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE MAIN STREET CROSS SECTIONS - SHEET 2 OF 2	Title MAIN STREET CROSS SECTIONS - SHEET 2 OF 2	Drawing No. C2112 Project No. AA005621 Issue 01	HYDER CONSULTING PTY. LTD ABN 76 104 485 289 P O Box 1653 Southport, QLD 4215 Australia Tel: +61 (07) 5532 3833 Fax: +61 (07) 5591 4778 www.hyderconsulting.com
--	--	---	-----------------------------------	---	---	--	---	---	---	--	--

14/01/2013 1:35 PM

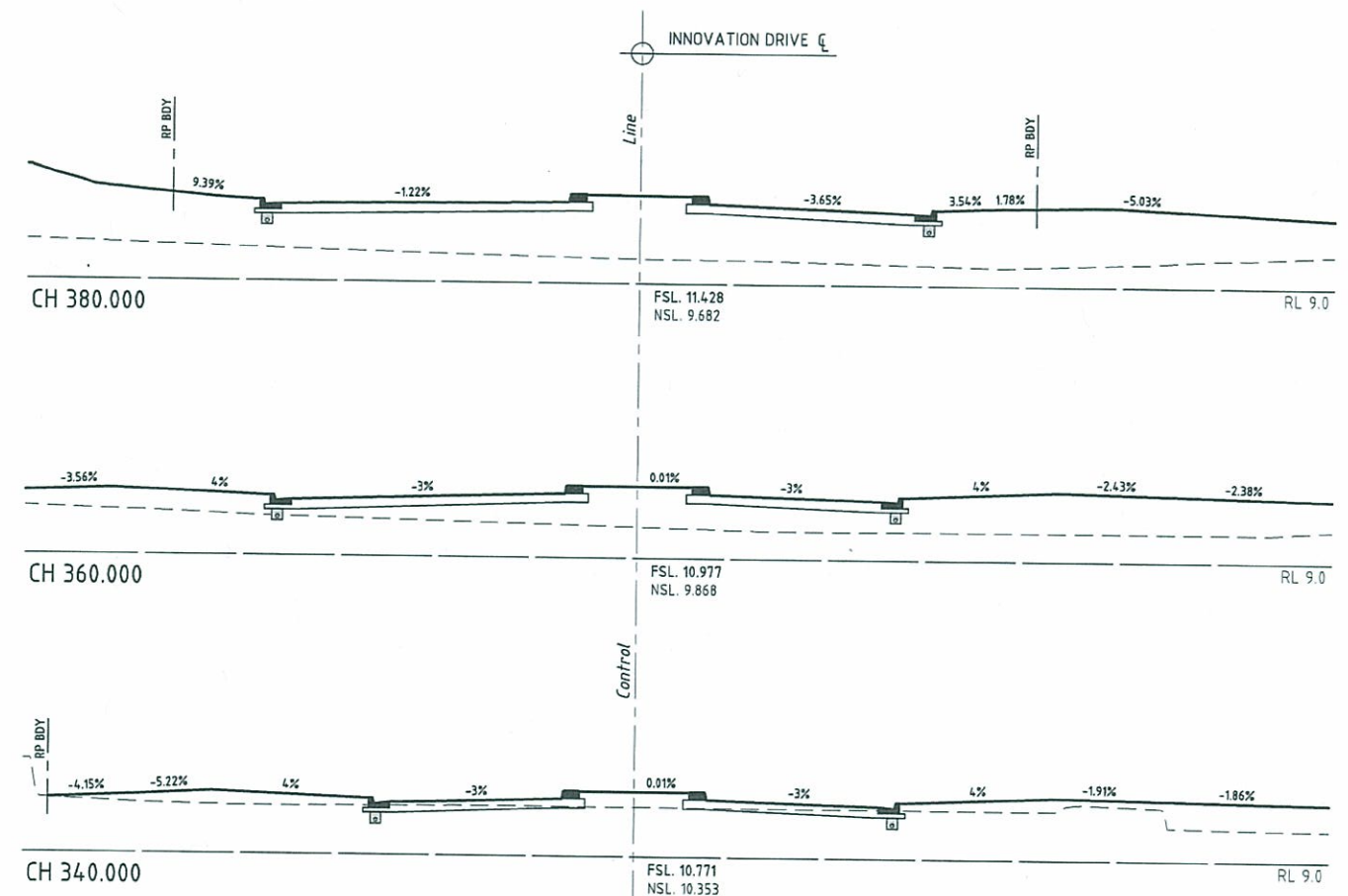
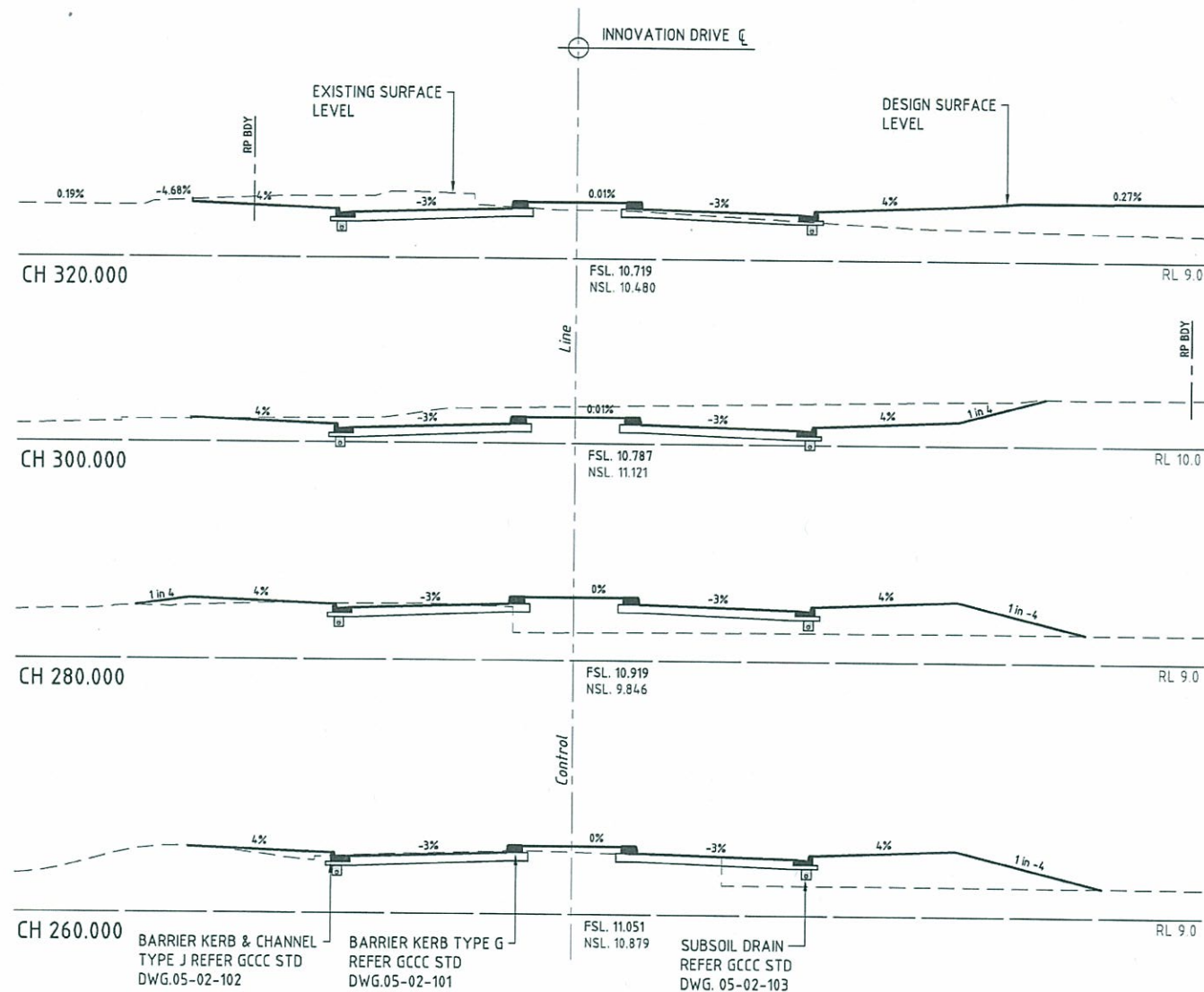
\\hc-aus-gc-fs-01\jobs\AA005621\E-CAD\Civil\Final\C2108-C2114-AA005621-RD X SECTIONS.dwg

V1

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

23 DEC 2013

MEDQ

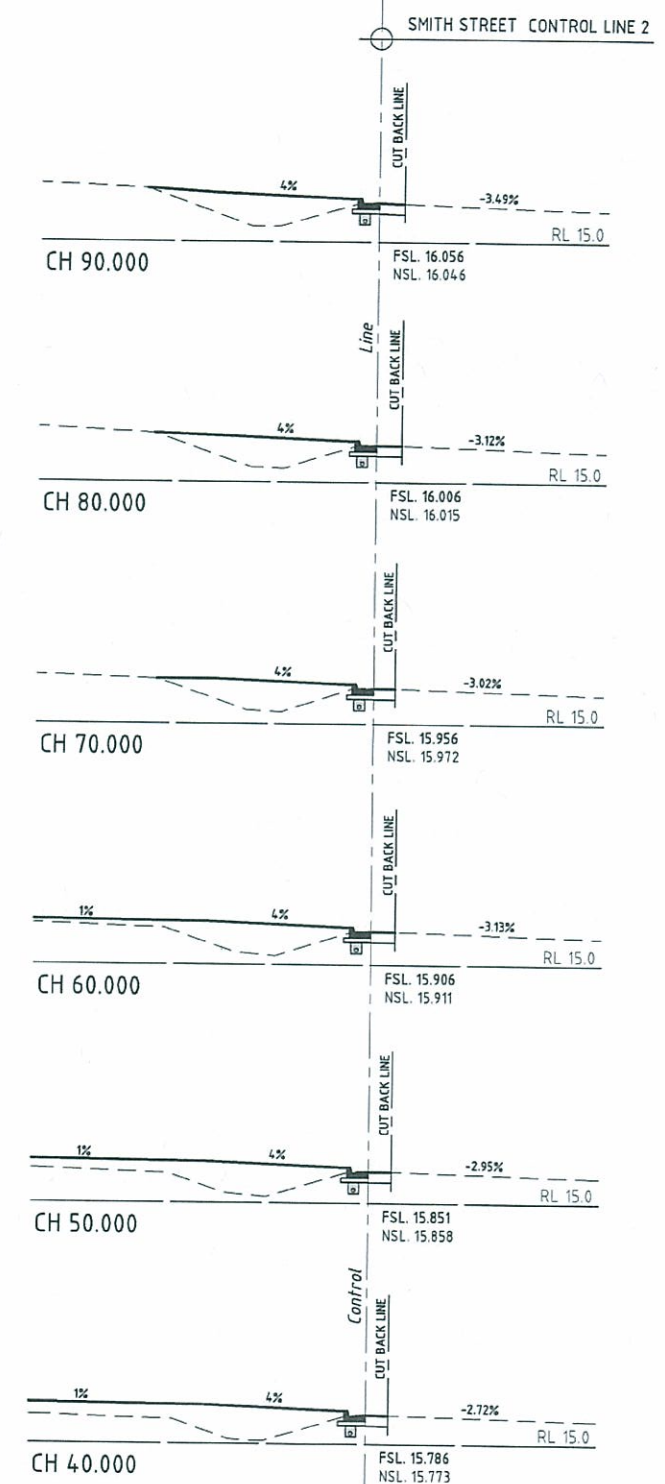
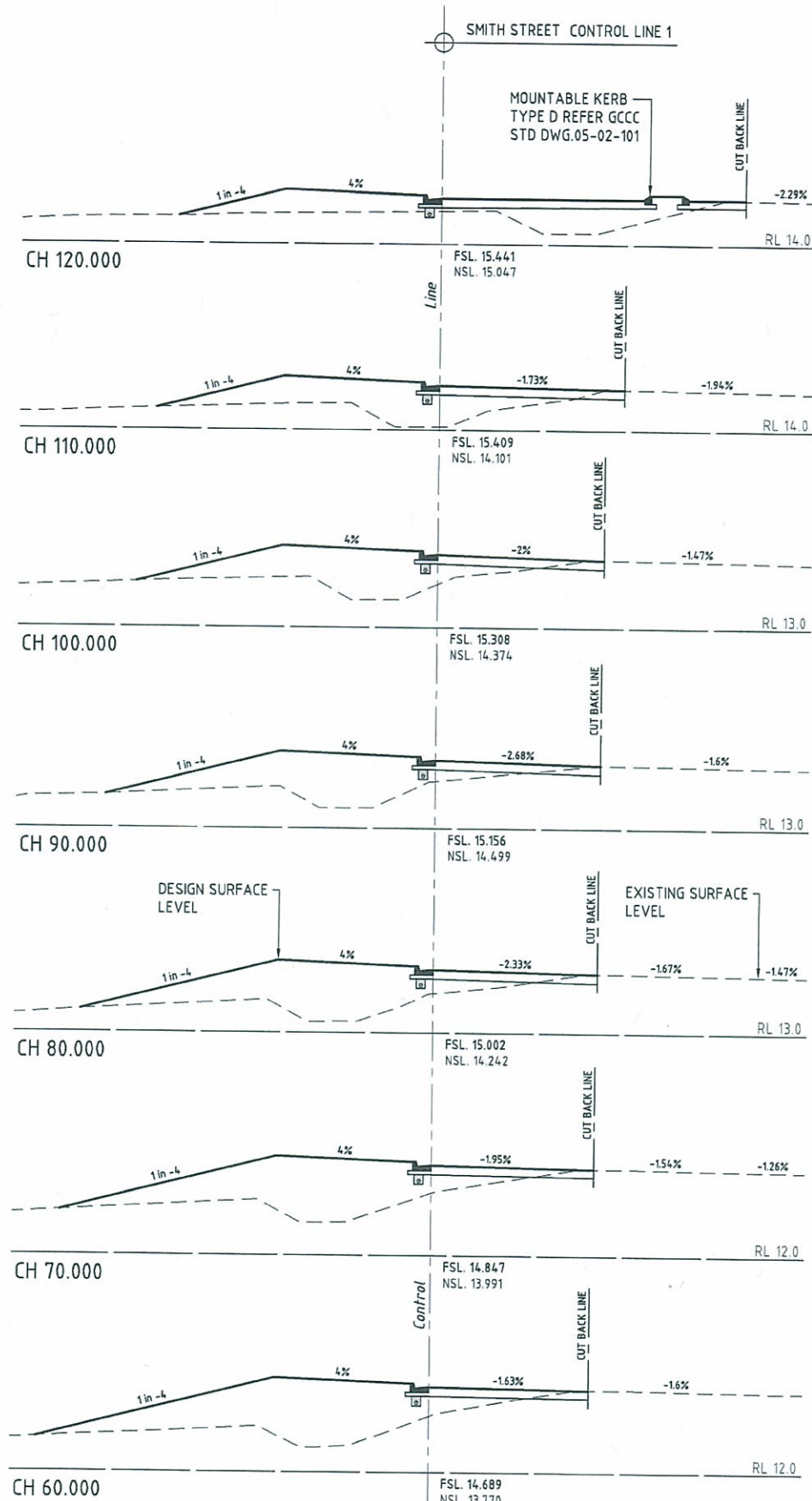
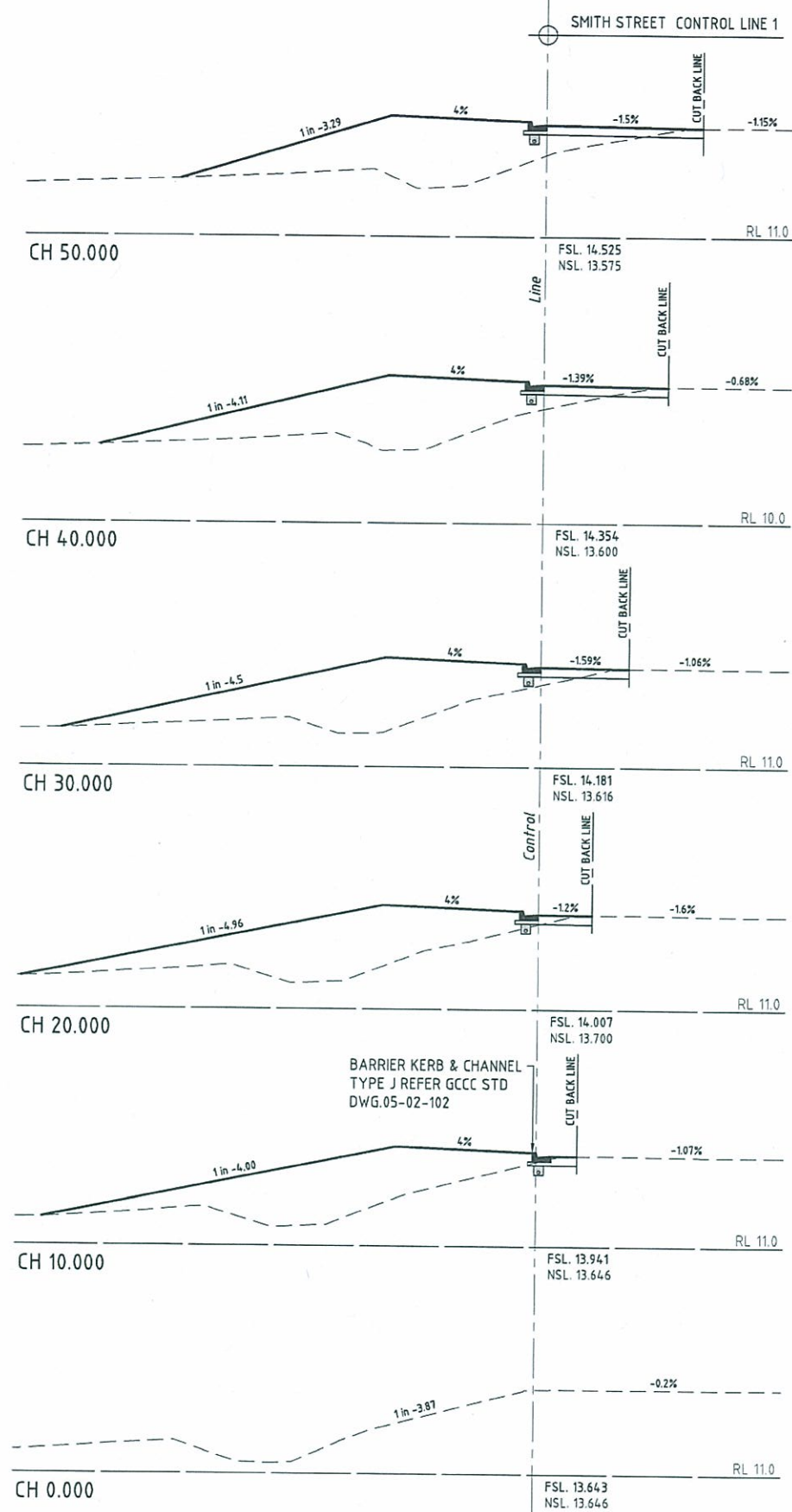


01 ISSUE FOR OPW APPROVAL P2 ISSUE FOR COMMENT P1 PRELIMINARY ISSUE		BD 14/10/13 BD 23/08/13 BD 04/07/13	Scale 0 1 2 4 6 8 10m 1 : 100	Surveyor BENNETT • BENNETT Property Consultants, Surveyors & Town Planners All mail to: PO Box 5021, GCMC, Qld. 9720 Email: info@benbennett.com.au 850r Pw. 1st A/CN 050427 01 COOMERA OFFICE 9, Jewett Street, Coomera, 4209 Ph (07) 5575 6177 Fax (07) 5525 4342	Architect ARCHIPELAGO Filename: C2108-C2114-AA005621- RD X SECTIONS.DWG	Client Queensland Government DEPARTMENT OF STATE DEVELOPMENT, INFRASTRUCTURE & PLANNING	Status FOR APPROVAL CONSTRUCTION SUBJECT TO COUNCIL APPROVAL Approved: <i>[Signature]</i> R.E.P.O No: 8677 Scales: 1:100 Original Size: A1 Height Datum: AHD Grid: MGA	Project GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE Title INNOVATION DRIVE CROSS SECTIONS	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
Issue Description		Author Date	Drawing No. C2113 — AA005621 — 01		Project No. AA005621 — 01		Issue		14/Oct/2013 1:35 PM \\hc-aus-gc-fs-01\jobs\AA005621\E-CAD\IC-Civil\RD-Final\C2108-C2114-AA005621- RD X SECTIONS.dwg

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

23 DEC 2013

MEDQ



Q1 ISSUE FOR OPW APPROVAL P2 ISSUE FOR COMMENT P1 PRELIMINARY ISSUE Issue Description		BD 14/10/13 BD 23/08/13 BD 04/07/13 Author Date	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. 9720 ma@bennettandbennett.com.au GCMC Pty. Ltd. A/CN 919 421 834 COOMERA OFFICE 9 Jewell Street Coomera, 4209 Ph (07) 5573 6177 Fax (07) 5520 4242	Architect ARCHIPELAGO Filename: C2108-C2114-AA005621-RD X SECTIONS.DWG	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 Scales 1:100 Original Size A1 Height Datum 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 SMITH STREET CROSS SECTIONS Drawing No. C2114 Project No. AA005621 Issue 01	 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
---	--	--	------------------------------------	---	---	--	---	--	---

14/Oct/2013 1:35 PM

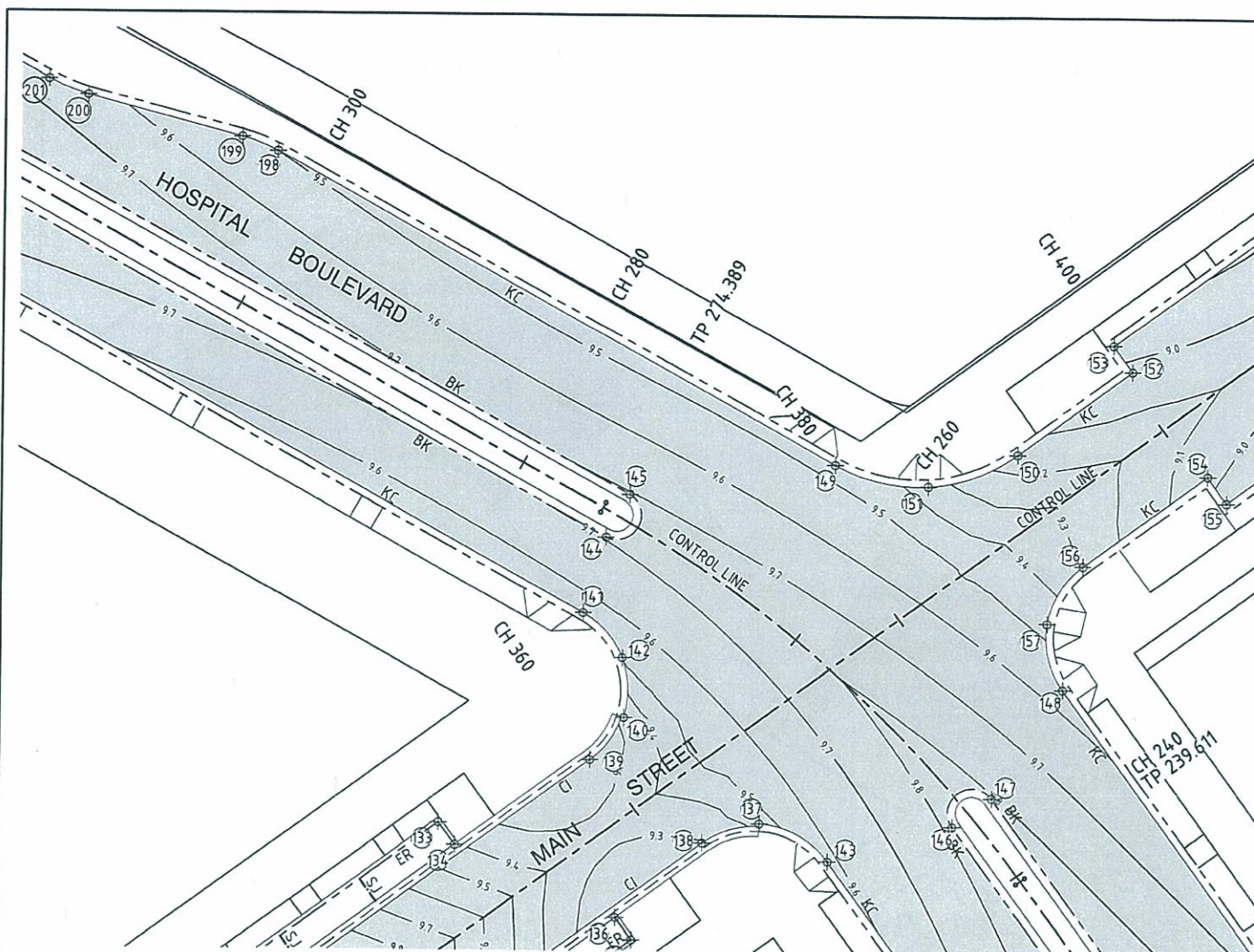
\\hc-aus-gc-fs-01\jobs\AA005621\E-CAD\Civil\0-Final\C2108-C2114-AA005621-RD X SECTIONS.dwg

v1

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

23 DEC 2013

MEDQ



MAIN STREET & HOSPITAL BOULEVARD INTERSECTION

SCALE: 1:200

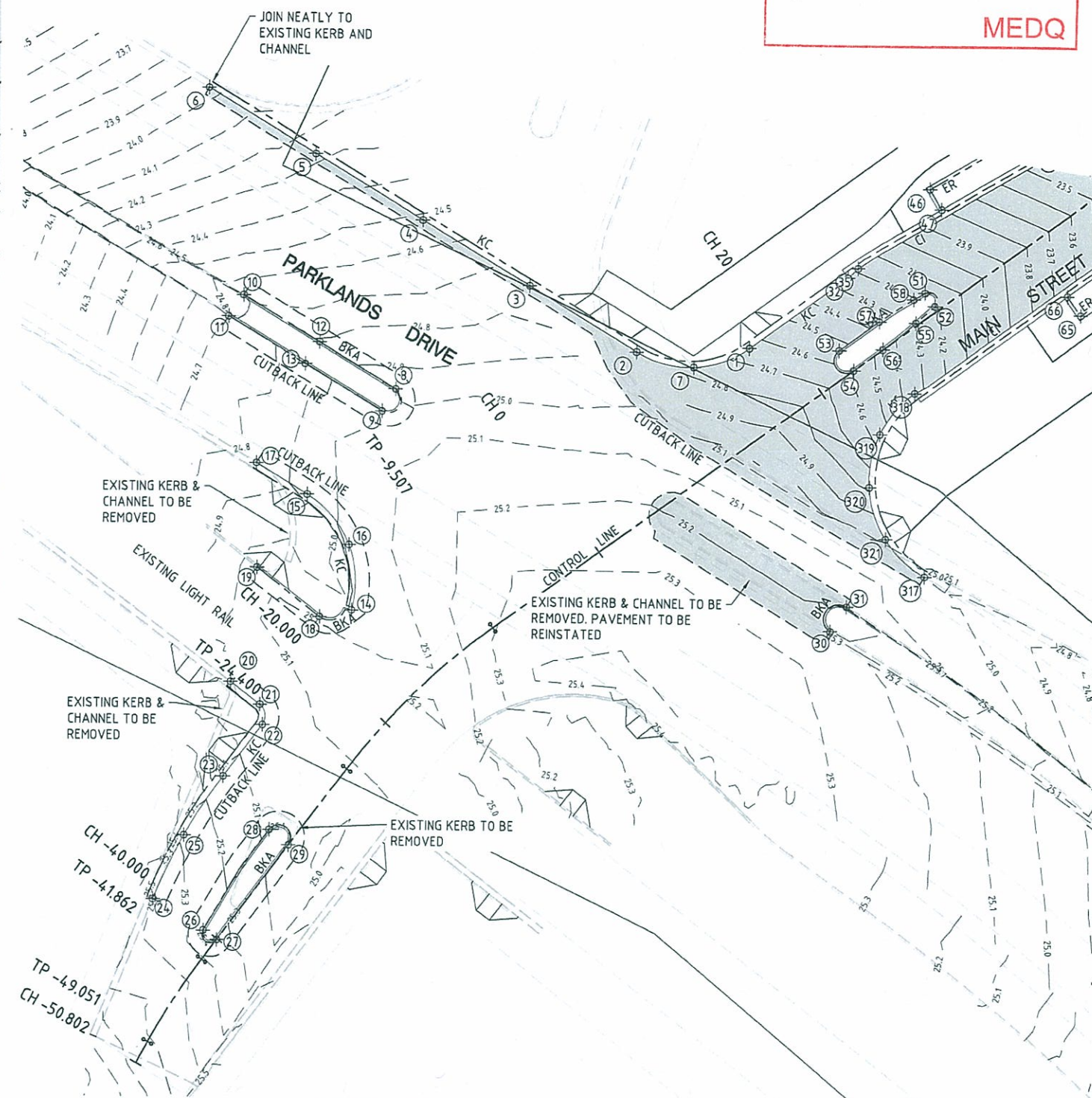


KERB TYPES

- MK - MOUNTABLE KERB TYPE D
- KC - BARRIER KERB & CHANNEL TYPE J
- BK - BARRIER KERB TYPE G
- BKA - BARRIER KERB TYPE A
- CI - CHANNEL INVERT TYPE K
- WK - EDGE RESTRAINT

SETOUT DETAILS

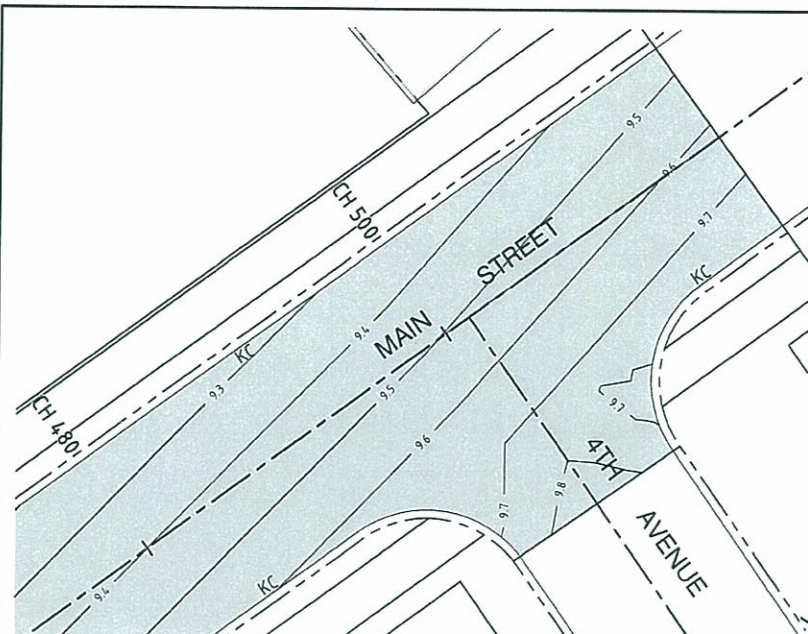
CO-ORDINATES ARE LOCATED ON LIP LINE FOR KERB & CHANNEL AND NOMINAL KERB LINE FOR KERB ONLY. ALL LEVELS ARE PAVEMENT LEVELS. POINTS ARE EQUALLY SPACED ON ARCS OR STRAIGHTS UNO.



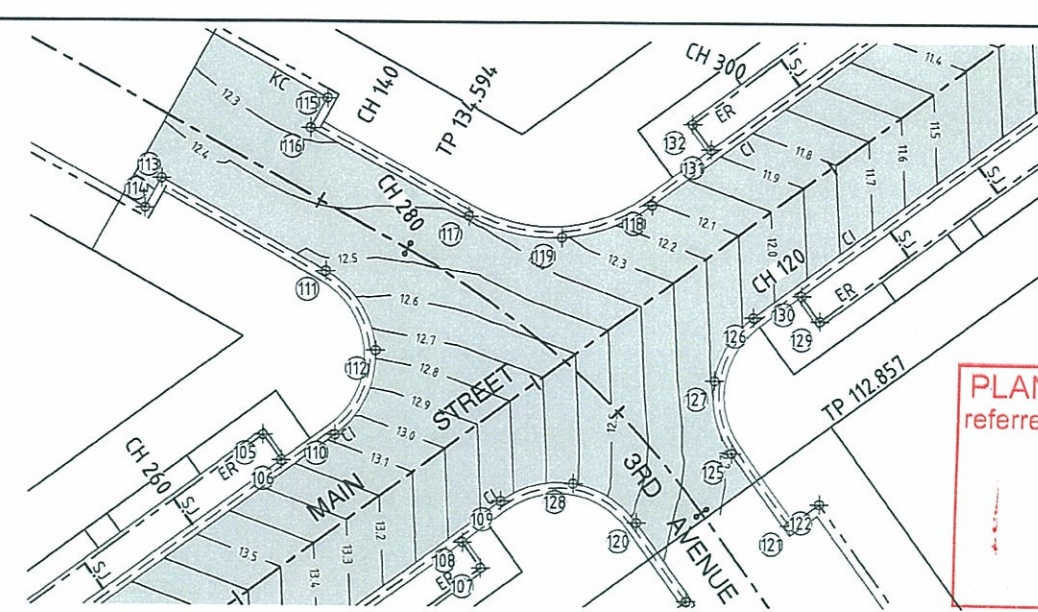
PARKLANDS DRIVE & MAIN STREET INTERSECTION

SCALE: 1:200

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



4TH AVENUE & MAIN STREET INTERSECTION
SCALE: 1:200

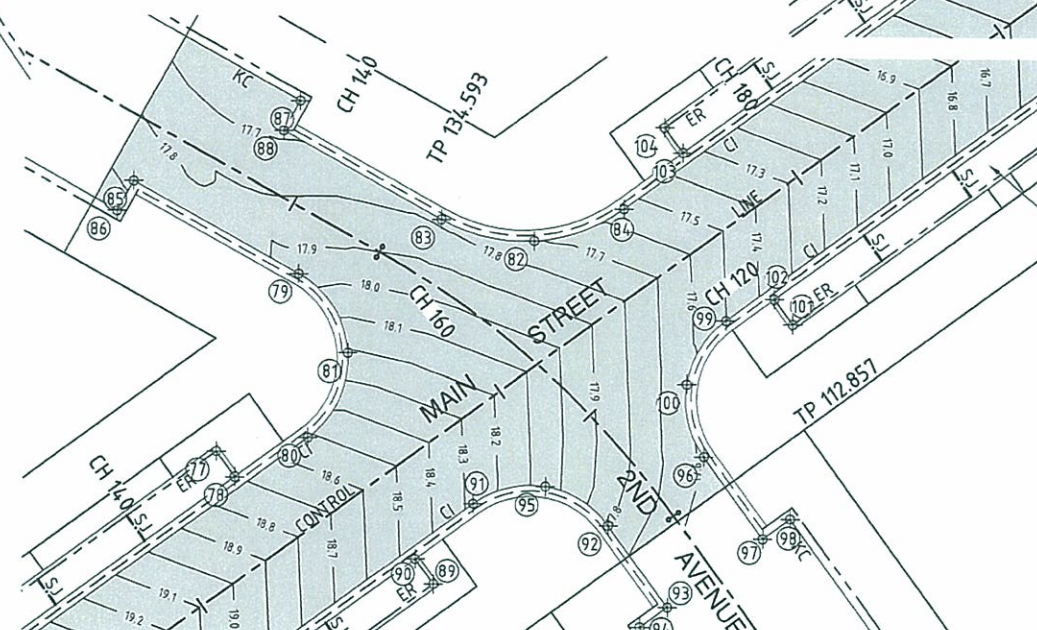


3RD AVENUE & MAIN STREET INTERSECTION
SCALE: 1:200

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

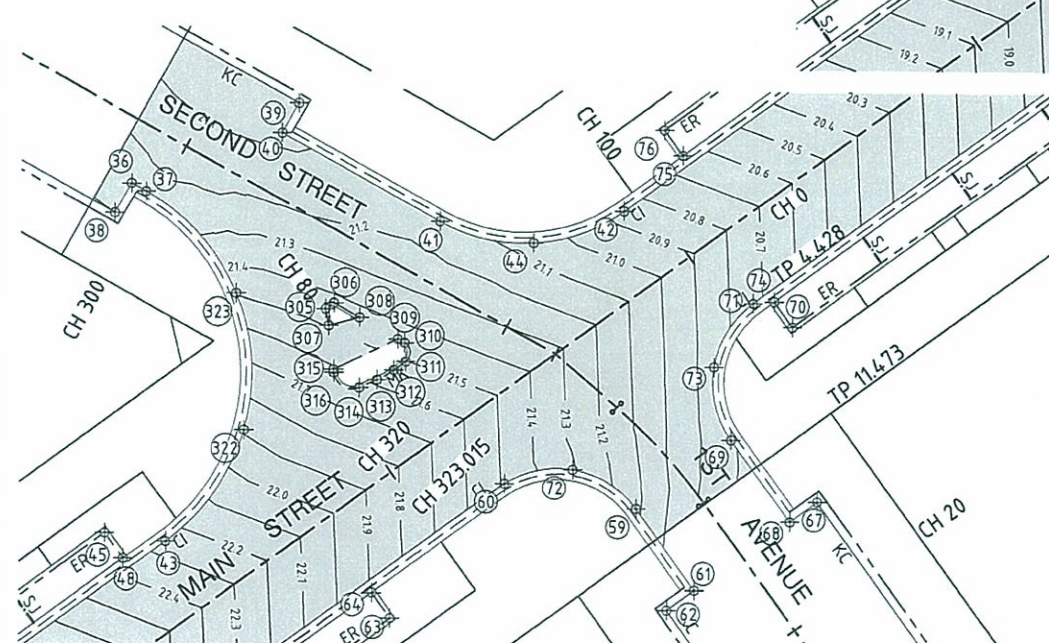
23 DEC 2013

MEDQ



2ND AVENUE & MAIN STREET INTERSECTION
SCALE: 1:200

REFER DWG C2205 FOR
CONCRETE PARKING BAY
PAVEMENT DETAILS

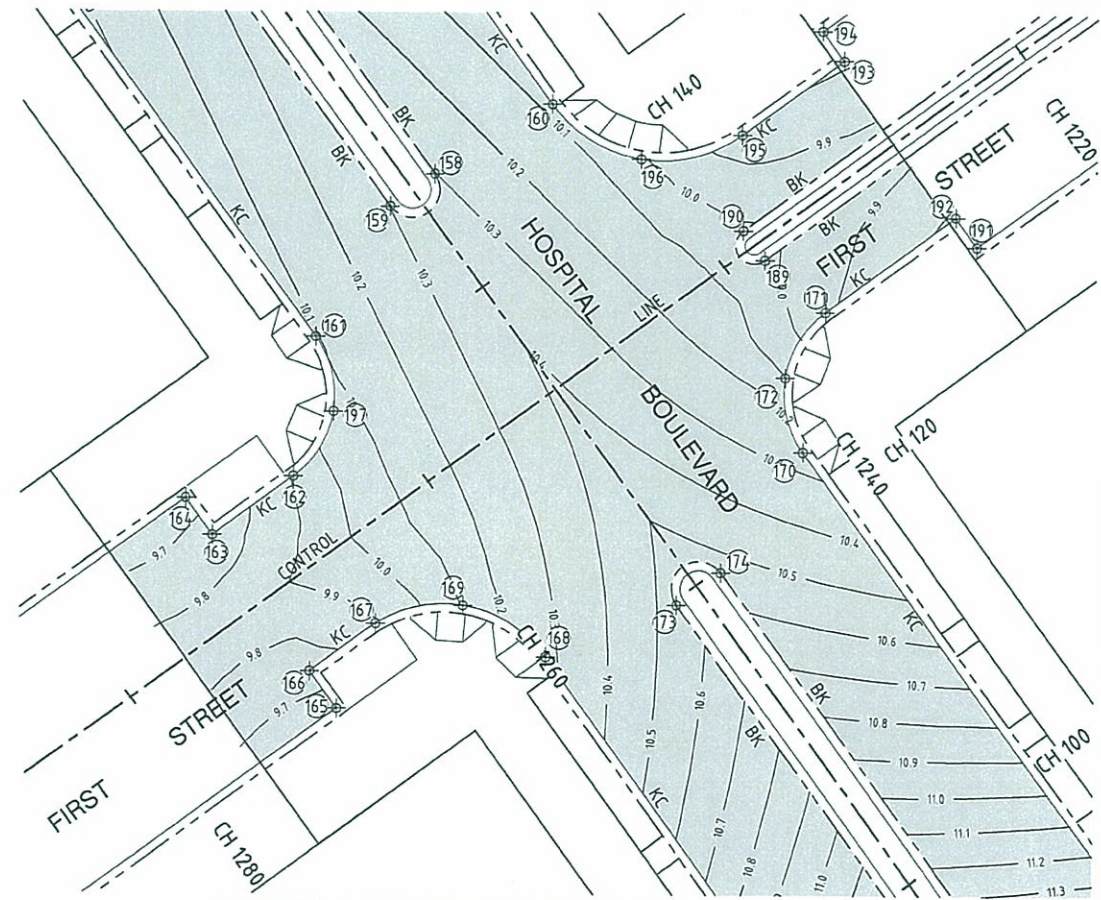


1ST AVENUE & MAIN STREET INTERSECTION
SCALE: 1:200



KERB TYPES	
MK	- MOUNTABLE KERB TYPE D
KC	- BARRIER KERB & CHANNEL TYPE J
BK	- BARRIER KERB TYPE G
BKA	- BARRIER KERB TYPE A
CI	- CHANNEL INVERT TYPE K
WK	- EDGE RESTRAINT

SETOUT DETAILS	
	CO-ORDINATES ARE LOCATED ON LIP LINE FOR KERB & CHANNEL AND NOMINAL KERB LINE FOR KERB ONLY. ALL LEVELS ARE PAVEMENT LEVELS. POINTS ARE EQUALLY SPACED ON ARCS OR STRAIGHTS UNO.



FIRST STREET & HOSPITAL BOULEVARD INTERSECTION
SCALE: 1:200

						</	
--	--	--	--	--	--	--	--

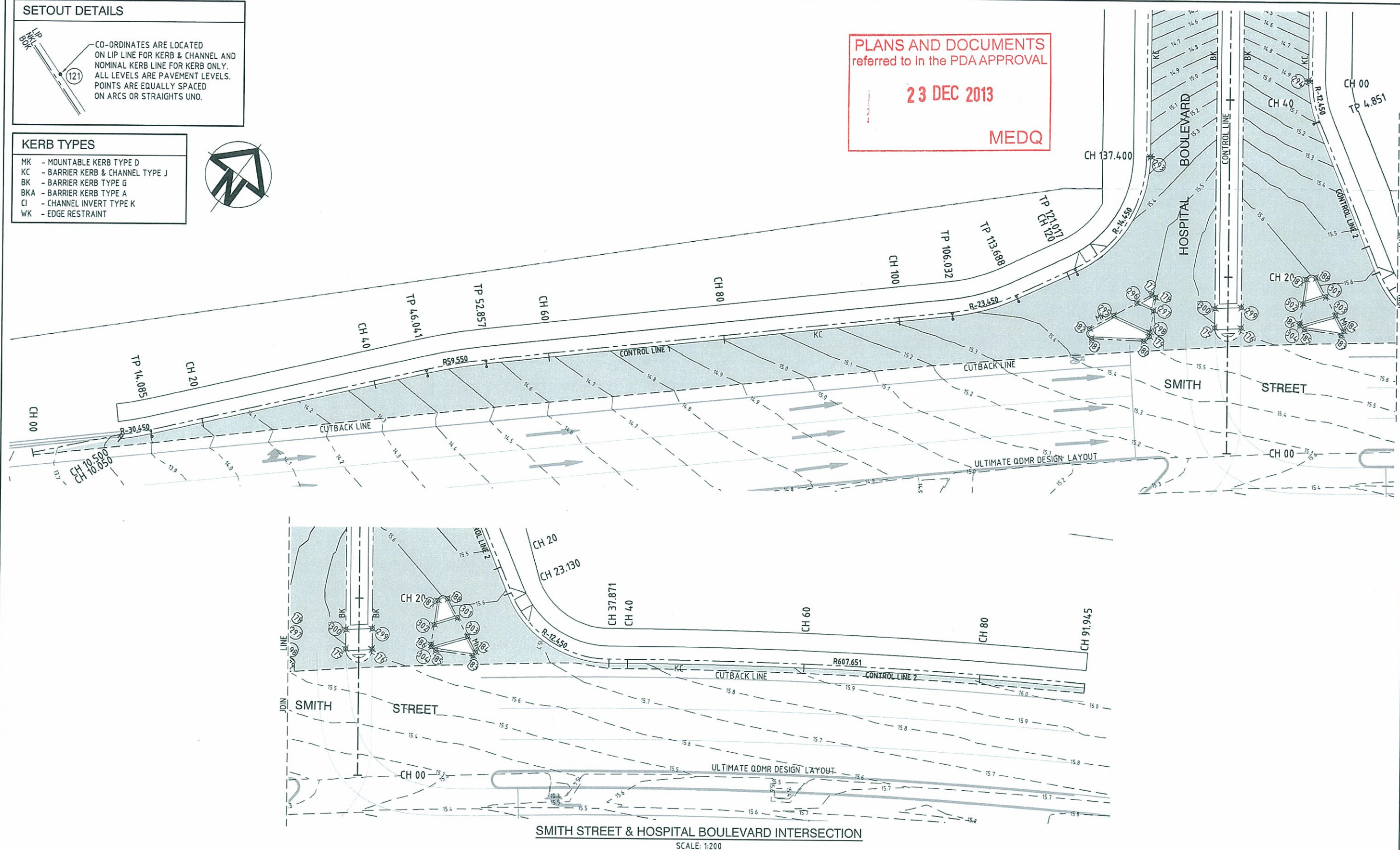
CO-ORDINATES ARE LOCATED ON LIP LINE FOR KERB & CHANNEL AND NOMINAL KERB LINE FOR KERB ONLY. ALL LEVELS ARE PAVEMENT LEVELS. POINTS ARE EQUALLY SPACED ON ARCS OR STRAIGHTS UNO.

MK	- MOUNTABLE KERB TYPE D
KC	- BARRIER KERB & CHANNEL TYPE J
BK	- BARRIER KERB TYPE G
BA	- BARRIER KERB TYPE A
CI	- CHANNEL INVERT TYPE K
WK	- EDGE RESTRAINT



23 DEC 2013

MEDQ



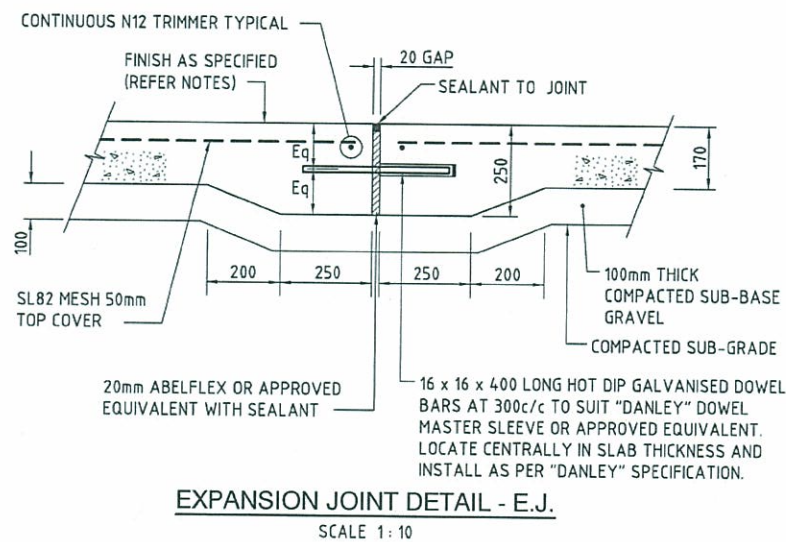
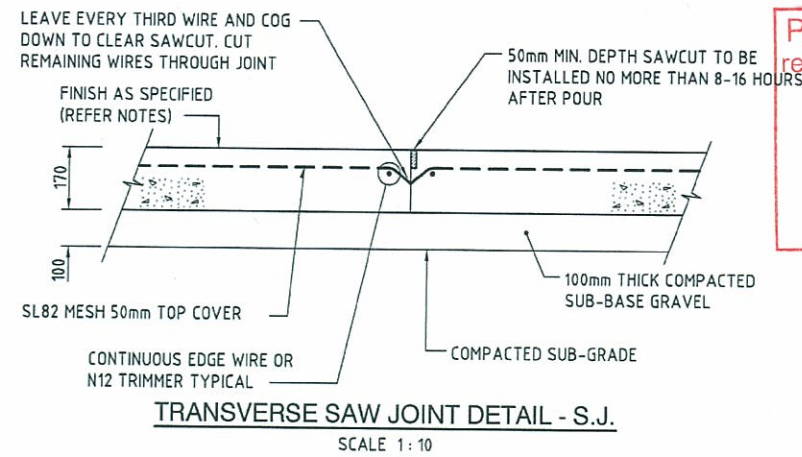
				Scale 0 5 10 15 20m 1 : 200		Surveyor  BENNETT + BENNETT Property Consultants, Surveyors • Town Planners COOMERA OFFICE 9 Jewett Street, Coomera, 4209 All mail to: PO Box 5021, GCMA, Qld. 9726 mel@bennettandbennett.com.au Ph (07) 5573 6177 8504 Pps. Ltd. A/CN 293427 521 Fax (07) 5205 4342		Client  Queensland Government DEPARTMENT OF STATE DEVELOPMENT, INFRASTRUCTURE & PLANNING		Status FOR APPROVAL CONSTRUCTION SUBJECT TO COUNCIL APPROVAL Approved  REP.Q No: 8677 Scales 1:200 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 INTERSECTION DETAILS - SHEET 4 OF 5		 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	
01		ISSUE FOR OPW APPROVAL		BD	14/10/13										
P1		ISSUE FOR COMMENT		BD	23/08/13										
Issue		Description		Author	Date										
										Drawing No. C2203		Project No. AA005621		Issue 01	

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

23 DEC 2013

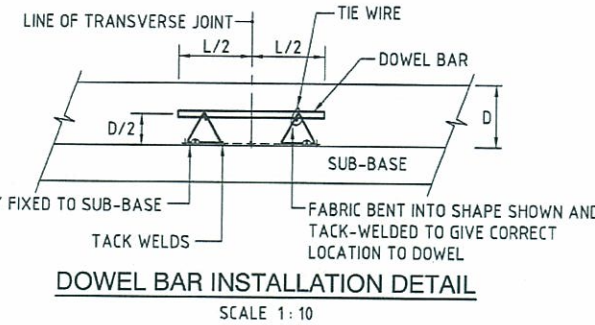
MEDQ

POINT	EASTING	NORTHING	LEVEL	POINT	EASTING	NORTHING	LEVEL	POINT	EASTING	NORTHING	LEVEL	POINT	EASTING	NORTHING	LEVEL
1	537834.163	6906850.602	24.643	96	537963.715	6906926.498	17.581	191	538223.673	6906965.662	9.727	286	537841.121	6907264.300	10.791
2	537825.917	6906850.240	24.801	97	537966.963	6906922.057	17.366	192	538222.493	6906967.278	9.787	287	537985.151	6907126.093	9.130
3	537818.079	6906854.962	24.659	98	537968.455	6906923.148	17.311	193	538216.299	6906975.754	9.787	288	537987.447	6907124.952	9.162
4	537810.240	6906859.684	24.525	99	537964.866	6906933.906	17.502	194	538215.119	6906977.370	9.727	289	538018.969	6907110.825	9.640
5	537802.400	6906864.406	24.264	100	537962.756	6906930.441	17.629	195	538210.770	6906971.716	9.851	290	538016.596	6907112.005	9.613
6	537794.561	6906869.128	23.972	101	537968.509	6906933.720	17.407	196	538205.229	6906970.370	10.010	291	538002.022	6907118.478	9.395
7	537830.095	6906849.175	24.767	102	537967.506	6906935.093	17.373	197	538188.485	6906956.542	10.066	292	537975.013	6907131.695	9.026
8	537808.390	6906847.329	24.953	103	537962.453	6906943.042	17.346	198	538091.687	6907088.332	9.498	293	538252.189	6906872.065	15.247
9	537807.407	6906845.709	24.982	104	537961.450	6906944.415	17.380	199	538089.508	6907089.207	9.515	294	538241.492	6906889.674	14.873
10	537797.253	6906854.053	24.673	105	538034.602	6906997.867	13.256	200	538080.017	6907091.717	9.632	295	538259.559	6906855.201	15.463
11	537796.167	6906852.495	24.709	106	538035.605	6906996.494	13.222	201	538077.576	6907092.675	9.655	296	538260.816	6906857.901	15.488
12	537802.821	6906850.691	24.792	107	538046.506	6906990.712	13.011	202	538062.391	6907101.273	9.734	297	538262.867	6906858.313	15.499
13	537801.787	6906849.102	24.828	108	538045.514	6906992.092	12.976	203	538063.615	6907103.796	9.751	298	538263.986	6906856.132	15.488
14	537805.346	6906831.154	25.023	109	538047.585	6906994.349	12.840	204	538021.084	6907124.110	9.594	299	538270.616	6906864.559	15.644
15	537802.026	6906839.554	24.943	110	538038.523	6906997.883	13.078	205	538022.570	6907126.488	9.610	300	538268.278	6906862.674	15.628
16	537805.104	6906835.915	25.026	111	538037.959	6907006.801	12.525	206	537973.990	6907144.548	9.215	301	538277.646	6906871.334	15.609
17	537798.303	6906841.801	24.834	112	538040.686	6907002.497	12.773	207	537972.595	6907141.891	9.213	302	538275.991	6906869.101	15.604
18	537803.023	6906830.645	25.085	113	538028.936	6907011.786	12.476	208	537959.001	6907133.803	8.667	303	538279.832	6906870.285	15.625
19	537798.424	6906834.190	25.036	114	538028.042	6907010.169	12.532	209	537957.251	6907134.770	8.727	304	538277.229	6906866.908	15.615
20	537796.572	6906825.806	25.042	115	538037.984	6907016.211	12.222	210	537951.913	6907137.722	8.727	305	537884.317	6906891.625	21.451
21	537798.733	6906824.164	25.039	116	538037.085	6907014.585	12.277	211	537950.162	6907138.689	8.667	306	537884.755	6906891.951	21.425
22	537798.938	6906822.699	25.047	117	538045.730	6907009.816	12.393	212	537953.589	6907140.753	8.824	307	537884.488	6906890.717	21.494
23	537796.109	6906818.914	25.151	118	538055.716	6907010.446	12.109	213	537964.874	6907137.297	8.954	308	537886.172	6906891.168	21.433
24	537791.061	6906809.912	25.410	119	538050.815	6907008.674	12.311	214	537960.730	6907137.764	8.873	309	537888.279	6906890.003	21.449
25	537793.285	6906814.570	25.262	120	538054.991	6906993.199	12.374	215	537954.883	6907146.270	8.947	310	537888.648	6906889.798	21.452
26	537794.758	6906807.664	25.262	121	538063.385	6906993.070	12.020	216	537953.106	6907151.652	9.033	311	537888.712	6906888.789	21.503
27	537795.757	6906807.002	25.232	122	538065.000	6906994.250	12.096	217	537978.203	6907147.646	9.083	312	537888.065	6906888.316	21.539
28	537799.508	6906815.028	25.079	123	538057.734	6906988.940	12.237	218	537978.780	6907143.896	9.001	313	537887.150	6906887.786	21.584
29	537800.935	6906813.929	25.042	124	538056.117	6906987.759	12.421	219	537972.901	6907183.744	9.260	314	537886.184	6906887.356	21.627
30	537840.312	6906830.005	25.365	125	538060.161	6906996.974	12.185	220	537930.185	6907185.310	9.241	315	537884.765	6906888.331	21.610
31	537841.486	6906831.815	25.178	126	538061.313	6907004.380	12.066	221	537954.042	6907172.467	9.023	316	537884.782	6906888.165	21.618
32	537841.327	6906855.835	24.239	127	538059.203	6907000.916	12.189	222	537956.283	6907174.152	9.030	317	537847.170	6906834.067	25.056
33	537856.893	6906865.355	23.361	128	538051.527	6906995.307	12.617	223	537901.533	6907250.374	9.701	318	537846.300	6906847.457	24.341
34	537859.415	6906867.012	23.217	129	538064.956	6907004.193	11.971	224	537903.858	6907251.934	9.710	319	537843.789	6906844.406	24.552
35	537842.055	6906856.536	24.181	130	538063.953	6907005.566	11.937	225	537877.685	6907263.197	10.306	320	537843.057	6906840.523	24.787
36	537873.740	6906898.384	21.251	131	538058.901	6907013.516	11.909	226	537875.448	6907261.507	10.320	321	537844.285	6906836.767	24.989
37	537874.532	6906897.946	21.235	132	538057.895	6907014.887	11.943	227	537922.258	6907205.522	9.466	322	537879.751	6906885.028	21.890
38	537872.843	6906896.765	21.301	133	538101.983	6907047.101	9.458	228	537923.319	6907206.062	9.498	323	537879.485	6906892.428	21.492
39	537882.786	6906902.809	21.019	134	538102.986	6907045.729	9.424	229	537922.021	6907209.636	9.501	324	537868.034	6907274.296	10.793
40	537881.891	6906901.190	21.074	135	538113.886	6907039.946	9.280	230	537918.695	6907216.169	9.514	325	537861.666	6907274.598	10.969
41	537890.531	6906896.413	21.137	136	538112.883	6907041.318	9.232	231	537873.946	6907277.145	10.943	326	537847.895	6907288.963	11.500
42	537900.517	6906897.043	21.057	137	538121.686	6907047.131	9.438	232	537876.433	6907278.822	10.935	327	537846.855	6907294.012	12.228
43	537875.731	6906878.932	22.255	138	538118.185	6907045.936	9.293	233	537873.041	6907270.350	10.606				
44	537895.616	6906895.271	21.057	139	538111.253	6907051.026	9.229	234	537856.307	6907271.145	10.957				
45	537872.433	6906879.374	22.400	140	538113.316	6907053.642	9.324	235	537826.125	6907247.003	10.419				
46	537847.246	6906862.353	23.847	141	538110.763	6907060.075	9.565	236	537828.002	6907251.082	10.436				
47	537848.107	6906860.887	23.821	142	538113.192	6907057.316	9.507	237	537833.512	6907265.823	10.531				
48	537873.436	6906878.002	22.366	143	538125.937	6907044.838	9.582	238	537835.823	6907270.631	10.622				
49	537855.728	6906867.338	23.384	144	538112.132	6907064.746	9.705	239	537845.808	6907284.249	11.045				
50	537858.058	6906868.869	23.251	145	538113.584	6907067.371	9.704	240	537843.075	6907297.518	12.756				
51	537846.982	6906854.774	24.163	146	538133.575	6907047.025	9.816	241	537802.230	6907309.217	15.033				
52	537847.689	6906853.812	24.198	147	538135.997	6907048.795	9.806	242	537827.946	6907302.727	13.664				
53	537840.738	6906850.514	24.562	148	538140.301	6907055.531	9.566	243	537849.438	6907299.963	12.657				
54	537841.800	6906849.061	24.596	149	538137.420	6907069.960	9.471	244	537850.295	6907301.544	12.604				
55	537846.327	6906852.577	24.298	150	538131.912	6907067.968	9.352	245	537828.301	6907309.664	13.809				
56	537843.929	6906850.617	24.462	151	538131.912	6907067.968	9.352	246	537829.188	6907307.613	13.809				
57	537843.657	6906852.648	24.358	152	538144.435	6907075.096	9.024	247	537756.717	6907327.852	18.594				
58	537846.155	6906854.288	24.209	153	538143.260	6907076.705	8.964	248	537756.964	6907329.022	18.636				
59	537901.291	6906880.889	21.120	154	538149.101	6907068.711	9.025	249	537765.907	6907327.874	18.030				
60	537894.138	6906882.215	21.489	155	538150.281	6907067.096	8.965	250	537767.702	6907327.588	17.905				
61	537904.504	6906876.492	20.867	156	538141.486	6907063.147	9.296	251	537791.371	6907322.037	16.212				
62	537903.011	6906875.400	20.922	157	538139.316	6907059.585	9.469	252	537786.386	6907323.950	16.601				
63	537887.963	6906874.866	21.947	158	538193.932	6906969.506	10.302	253	537782.982	6907324.693	16.833				
64	537886.960	6906876.238	21.913	159	538191.510	6906967.736	10.302	254	537799.379	6907317.659	15.578				
65	537858.														



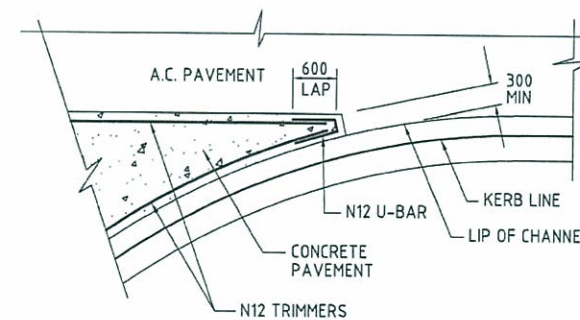
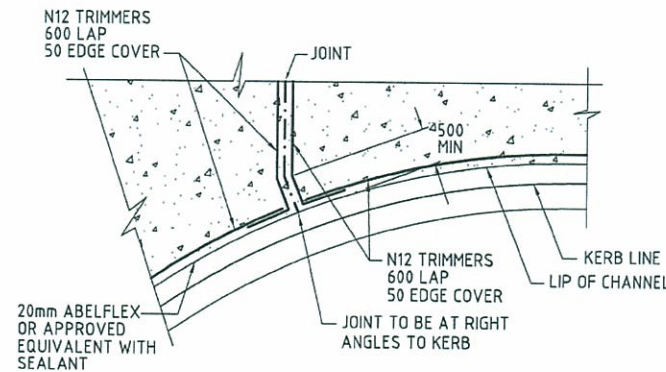
STRUCTURAL DESIGN AND DETAIL
CONTAINED ON THIS DRAWING HAS
BEEN CHECKED AND APPROVED BY:

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL
23 DEC 2013
MEDQ



WHERE DOWELED TRANSVERSE EXPANSION JOINTS ARE SPECIFIED, THE DOWELS SHOULD BE PREFABRICATED IN ASSEMBLIES AND SECURELY FIXED TO THE SUB-BASE PRIOR TO CONCRETE PLACING TO RESIST DISPLACEMENT WHEN CONCRETE IS PLACED OVER THEM.

DOWELS MUST BE ALIGNED PARALLEL TO BOTH THE DIRECTION OF MOVEMENT AND THE SURFACE OF THE SLAB TO WITHIN CLOSE TOLERANCES TO PREVENT 'LOCKING-UP' OF THE JOINT. TO PERMIT MOVEMENT, THE DOWELS MUST BE PERFECTLY STRAIGHT WITH CLEANLY SAWN ENDS AND MUST BE PROVIDED WITH A 'BOND- BREAKER' AND EXPANSION CAP ON ONE SIDE OF THE JOINT.



GENERAL NOTES

1. SETOUT
ALL DIMENSIONS AND SETOUT SHALL BE VERIFIED BY THE SUPERINTENDENT PRIOR TO CONSTRUCTION.

2. SUBGRADE
THE PAVEMENT SUBGRADE SHALL BE TRIMMED TO THE REQUIRED PROFILES AND COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATION.

3. GRAVEL SUB-BASE
GRAVEL PAVEMENT SUB-BASE SHALL CONFORM TO GRADING B IN ACCORDANCE WITH THE PROJECT SPECIFICATION.

4. TESTING OF PAVEMENT SUBGRADE & SUB-BASE
ALL TESTING SHALL BE PERFORMED BY AN APPROVED N.A.T.A. TESTING LABORATORY IN ACCORDANCE WITH THE PROJECT SPECIFICATION. NOTWITHSTANDING THE REQUIREMENTS OF THE SPECIFICATION ALL TESTING IS TO BE REPRESENTATIVE OF THE FULL ROAD LENGTH AND CROSS SECTION WITH A MINIMUM OF NOT LESS THAN ONE TEST PER 250 sq.m. OF PAVEMENT.

5. CONCRETE DEPTH DESIGN CRITERIA
THE DESIGN PAVEMENT DEPTH AS SPECIFIED IS BASED ON A SUBGRADE SOAKED CBR VALUE OF 1% (MIN) FOR THE EXISTING BULK EARTHWORKS. CONCRETE PAVEMENT CONSTRUCTION SHALL NOT COMMENCE UNTIL THE CBR OF THE SUB-GRADE IS CONFIRMED AND THE PROPOSED PAVEMENT DEPTH AND CONCRETE SLAB THICKNESS ARE APPROVED BY THE SUPERINTENDENT.

6. REINFORCEMENT
REINFORCEMENT SHALL BE AS SPECIFIED ON THE DRAWINGS AND SHALL BE CHAIRED AT 1000 c/c BOTH WAYS TO GIVE TOP COVER. FOR SMOOTH FINISH SURFACE ADOPT 40 TOP COVER AND FOR EXPOSED AGGREGATE SURFACE ADOPT 50 TOP COVER.

7. CONCRETE
(a) CONCRETE USED IN PAVEMENT CONSTRUCTION SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
(i) CONCRETE TO BE IN ACCORDANCE WITH AS3600
(ii) CEMENT TO BE TYPE A ORDINARY CEMENT
(iii) SLUMP TO BE 80mm (1/- 15mm)
(iv) AGGREGATE TO BE CLEAN WITH A MAXIMUM SIZE OF 20mm
(v) CONCRETE SHALL BE GRADE S32 MINIMUM
(vi) 90 DAY FLEXURAL STRENGTH 4.0 MPa MINIMUM
(vii) IF CONTRACTOR REQUIRES ACCESS TO SLAB SURFACE PRIOR TO 28 DAYS, EARLIER FLEXURAL STRENGTH SHALL BE REQUIRED AT NO ADDITIONAL COST TO THE CLIENT.

(b) CONCRETE TO BE MECHANICALLY VIBRATED. THE VIBRATOR SHALL NOT BE USED TO SPREAD THE CONCRETE.
(c) CONCRETE PAVEMENT SHALL NOT BE CONSTRUCTED IN THE NARROW POINTED RE-ENTRANT AREAS (i.e. THE CONCRETE SLAB SHALL BE FINISHED NEATLY SO THAT THE MINIMUM SLAB WIDTH IS 300mm).
(d) SLABS TO BE POURED IN ALTERNATE BAYS 24 HOURS APART.
(e) SUB-BASE COMPACTION AND REINFORCEMENT SHALL BE CHECKED BY THE SUPERINTENDENT PRIOR TO PLACING CONCRETE.

8. CONCRETE TESTING
THE CONTRACTOR SHALL CARRY OUT SAMPLING AND TESTING OF CONCRETE IN ACCORDANCE WITH THE PROJECT SPECIFICATION. MINIMUM REQUIREMENT FOR CONCRETE TESTING (i.e. COMPRESSIVE, SLUMP TEST AND FLEXURAL STRENGTH) TO BE ONE TEST SAMPLE PER 15 cu.m. OF CONCRETE.

9. CONCRETE FINISH
THE CONCRETE FINISH SHALL BE EXPOSED AGGREGATE IN ACCORDANCE WITH THE LANDSCAPE ARCHITECT'S SPECIFICATION AND SAMPLES SHALL BE SUBMITTED TO THE SUPERINTENDENT FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.

10. CONTROL JOINTS
ALL CONTROL JOINTS SHALL BE FINISHED WITH AN APPROVED SEALANT AS FURTHER SPECIFIED BELOW. CONCRETE CONTROL JOINTS AND SAW JOINTS SHALL BE LOCATED WHERE SHOWN ON THE DRAWINGS.

11. SAW JOINTS
JOINTS TO BE TOOLED 25mm DEEP WITH 'T' SECTION BAR ON DAY OF POUR AND FOLLOWED WITH SAW CUT BETWEEN 8 AND 16 HOURS AFTER CONCRETE POUR. LOCATION OF CUT MESH TO BE CLEARLY MARKED ON EDGE BOARD PRIOR TO POURING CONCRETE TO ENSURE JOINT IN CORRECT LOCATION. DEPTH OF THE SAW CUT SHALL BE NOT LESS THAN 25% OF THE SLAB DEPTH.

12. DOWEL BARS AND SLEEVES
ALL DOWEL BARS SHALL BE 16 x 16 x 400mm LONG HOT DIP GALVANISED AT 300c/c TO SUIT 'DANLEY DOWEL-MASTER' DOWEL SLEEVE (U.N.O.).

13. SEALANT
SEALANT TO BE 'FOSROC THIOFLEX 600' OR APPROVED EQUIVALENT. SEALANT COLOUR IS TO MATCH SURROUNDING PAVEMENT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT AND THE SUPERINTENDENT. SEALANT IS TO BE INSTALLED BY A SPECIALIST SUB-CONTRACTOR WHEN CONCRETE IS A MINIMUM OF 28 DAYS OLD. PROVIDE CONTINUOUS 'ABELFLEX' OR APPROVED EQUIVALENT JOINT BOARD WITH BOND BREAKER TAPE. RECESS TO BE CLEANED WITH AIR HOSE AND PRIMED WITH AN APPROVED PRIMER PRIOR TO PLACEMENT OF SEALANT. SEALANT TO BE INSTALLED TO A MINIMUM DEPTH OF 15mm AND TO FINISH BELOW THE TOP OF THE FINISHED PAVEMENT.

14. DRAINAGE STRUCTURES
ALL STORMWATER GULLY PITS REQUIRED TO BE CONSTRUCTED WITHIN PROPOSED ROADWAY TO HAVE GRATE AND FRAME SET PRIOR TO PAVEMENT CONSTRUCTION. PROVIDE 2-N12 TRIMMERS x 1200 LONG AT CORNER OF PITS, LOCATED UNDER MESH.

15. MANHOLE LIDS
ALL SEWER AND STORMWATER MANHOLE STRUCTURES THAT ARE REQUIRED TO BE CONSTRUCTED WITHIN CONCRETE PAVEMENT SHALL HAVE COVERS AND FRAMES SET PRIOR TO PAVEMENT CONSTRUCTION. THE CONTRACTOR IS TO ENSURE THAT THE CONCRETE SURROUND AND LID INFILL MATCHES THE SURROUNDING CONCRETE FINISH TO THE LANDSCAPE ARCHITECT'S REQUIREMENTS. PROVIDE 2-N12 TRIMMERS x 1200 LONG AT CORNER OF PITS, LOCATED UNDER MESH OR 8-N12 TRIMMERS x 1200 LONG AT CIRCULAR STRUCTURES.

						Surveyor BENNETT • BENNETT Property Consultants, Surveyors • Town Planners All mail to: PO Box 6021, GC/MC, Qld. 9726 ma@bennettandbennett.com.au BEN Pty Ltd. A/CN 000 407 501 COOMERA OFFICE 9 Jowett Street Coomera, 4209 Ph (07) 5573 6177 Fax (07) 5529 5242		Client Queensland Government DEPARTMENT OF STATE DEVELOPMENT, INFRASTRUCTURE & PLANNING		Status FOR APPROVAL CONSTRUCTION SUBJECT TO COUNCIL APPROVAL Approved  REP.D No: 8677 Scales 1:200 Current Issue Signatures Author B.DAVEY Original Size A1 Height AHD Datum MGA Grid MGA © Copyright reserved		Project GOLD COAST PARKLANDS REDEVELOPMENT TRUNK INFRASTRUCTURE Title CONCRETE PAVEMENT DETAILS		 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
01	ISSUE FOR OPW APPROVAL	BD	14/10/13			Scale	Architect	ARCHIPELAGO	Filename: C2205-AA005621-PAVEMENT DETAILS.DWG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

150mm on Original

14/Oct/2013 1:36 PM

\\hc-aus-gc-fs-01\jobs\AA005621\E-CAD\C-Civil\0-Final\C2205-AA005621-PAVEMENT DETAILS.dwg

V1