
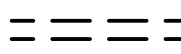


DRAWING INDEX


- SHEET 1 - CONSTRUCTION NOTES, LEGEND & LAYOUT PLAN
SHEET 2 - DESIGN LONGITUDINAL SECTIONS
SHEET 3 - DESIGN CROSS SECTIONS - ALIGNMENT 1 & 2
SHEET 4 - DESIGN CROSS SECTIONS - ALIGNMENT 3

LEGEND

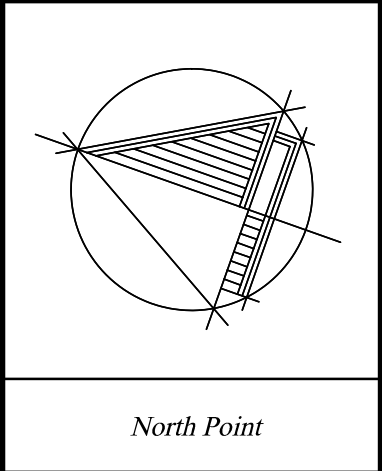
-  EXCAVATE AND REMOVE PITCHERS TO CITYWIDE DEPOT AND RECONSTRUCT ASPHALT ROADWAY WITH:
- 35mm OF SIZE 10mm HMA TYPE N
- 65mm OF SIZE 14mm HMA TYPE N
- BUILD UP WITH 200mm MIN. CLASS 2 COMPACTED CRUSHED ROCK
-  SUPPLY AND SET NEW 250 x 150 BLUESTONE GUTTER STONE CHANNEL (STRAIGHT) ON 75mm MIN. STIFF CONCRETE PAD

CONSTRUCTION NOTES

- THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND DRAWINGS ISSUED BY THE PROJECT MANAGER AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT.
- ALL DIMENSIONS AND RELEVANT SETOUT POINTS SHALL BE CONFIRMED AND VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION IS COMMENCED. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE PROJECT MANAGER.
- THE CONTRACTOR SHALL TRANSFER TBM'S OUT OF CONSTRUCTION AREA PRIOR TO COMMENCEMENT OF EXCAVATION WORKS.
- THE CONTRACTOR SHALL MAINTAIN THE WORK SITE IN A SAFE AND TRAFFICABLE CONDITION.
- THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING, AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION AND FOR THE PROTECTION OF THE PUBLIC.
- THE CONTRACTOR SHALL ENSURE THAT NO POLLUTED OR SEDIMENT LADEN RUNOFF ENTERS ANY DRAIN OR WATERCOURSE. THE CONTRACTOR SHALL ENSURE THAT PRECAUTIONS ARE TAKEN TO PREVENT EMISSION OF DUST, WHETHER FROM THE OPERATION OF CONSTRUCTION EQUIPMENT OR OTHERWISE.
- THE CONTRACTOR SHALL PROVE ALL SERVICE LOCATIONS PRIOR TO COMMENCING WORK.
- SAWCUT EXISTING PAVEMENT AT LIMIT OF WORKS TO ENSURE NEAT MATCHING TO NEW WORKS. SAWCUT DEPTH 75mm FOR ASPHALT FOOTPATH & 125mm FOR ASPHALT ROADWAY.
- CARE MUST BE TAKEN WHEN EXCAVATING IN THE VICINITY OF SERVICES.
- EXCAVATION WITHIN 4.5m RADIUS OF TREES SHALL BE CARRIED OUT WITH HAND HELD EQUIPMENT AS PER MCC TREE PROTECTION FACT SHEET. CUTTING OF TREE ROOTS GREATER THAN 25mm DIA. SHALL BE CARRIED OUT UNDER THE SUPERVISION OF PARKS & URBAN DESIGN ARBORIST. CONTACT DANIEL TIPPING : 0408 607 829 PRIOR TO COMMENCEMENT OF WORKS IN THIS VICINITY.
- CONTRACTOR TO ADJUST ALL AFFECTED SERVICE COVERS TO MATCH NEW PAVEMENT LEVELS.
- ALL DOWN PIPES TO BE RECONNECTED TO CHANNEL AS PER MCC STD DWG IP50315.
- CONTRACTOR TO TAKE EXTREME CAUTION WHEN EXCAVATING NEAR EXISTING BUILDING FOOTINGS.
- ALL EXISTING STREET FURNITURE TO BE CAREFULLY REMOVED AND STORED ON SITE FOR REINSTALLATION. FURNITURE INSTALLATION TO BE IN NEW GIB KEY SOCKETS AS PER STD. DWG. IP 50400 UNLESS NOTED OTHERWISE. EXISTING OBSOLETE SOCKETS TO BE REMOVED AND DISCARDED BY CONTRACTOR. SIGN POSTS TO BE TAGGED WITH LOCATION DESCRIPTION ON-SITE PRIOR TO REMOVAL.
- CONTRACTOR TO COORDINATE EXCAVATION WORKS WHERE OPTIC FIBRE EXISTS WITH TELSTRA.
- ALL DIMENSIONS OF TREE PLOTS TO BE CENTRED AROUND TREE TRUNK.
- UPON COMPLETION THE WHOLE SITE SHALL BE CLEANED UP AND ALL RUBBISH REMOVED AND SITE LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE PROJECT MANAGER.

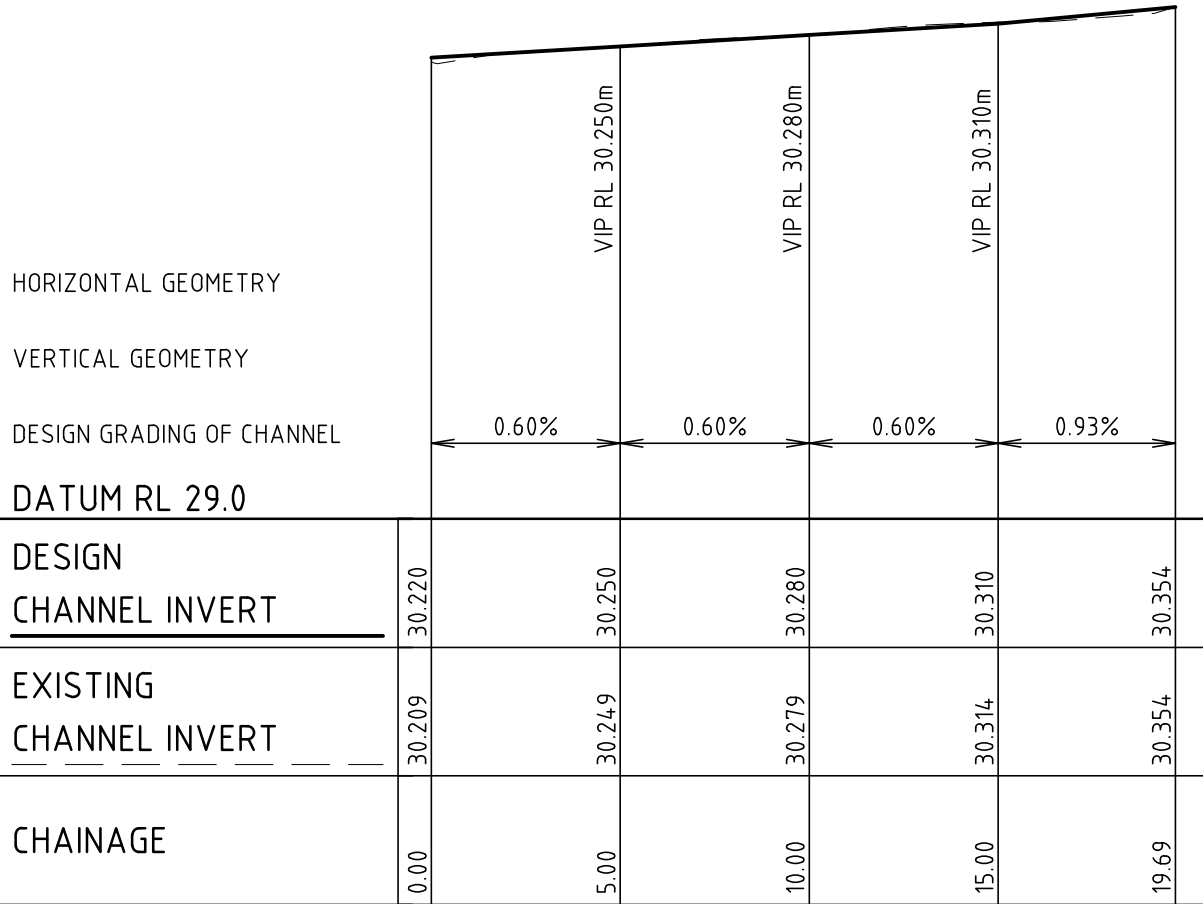
 <div>ABN: 47 106 610 913 Lvl 4, 501 Swanston St, Melbourne, VIC Australia 3000 Phone +61 3 8415 7777 Fax +61 3 8415 7788 Email: victoria@cardno.com.au Web: www.cardno.com/victoria</div>			
A	PRELIMINARY ISSUE	JL	18/12/14
Rev.	Revision Details	By	Date

CAD FILE	WK0374821	PROJECT NUMBER	14 G0359N
DESIGNED BY	J. LIU	CONCEPT DOCS NO.	
DRAWN BY	J. LIU	SURVEY REFERENCE	CARDNO
CHECKED	M. BRAJANOVSKI	SCALE	1:200 @A1
CHECKED DATE		DATUM	MGA94/AHD

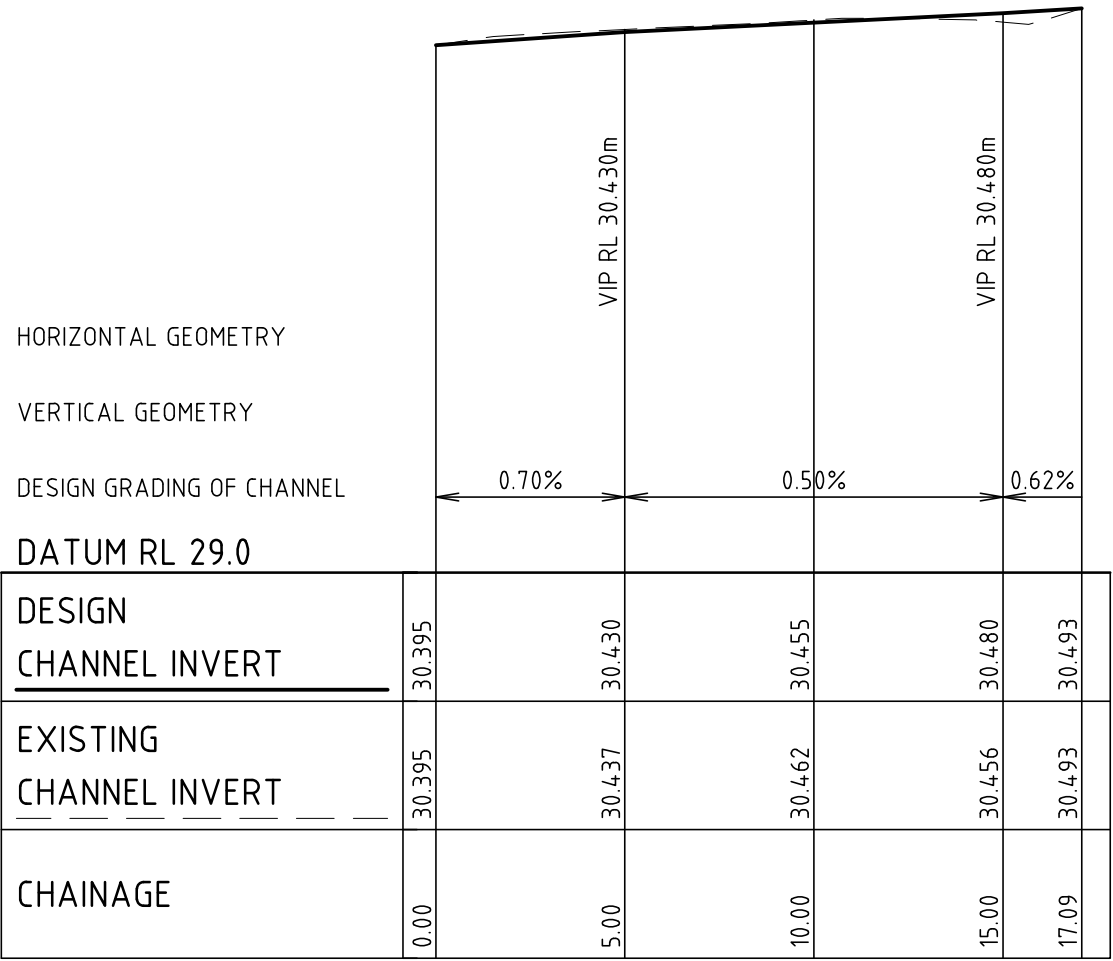


ENGINEERING SERVICES	
APPROVED BY	
Principal Engineer	Group Manager
-	-
Date	Date
-	-

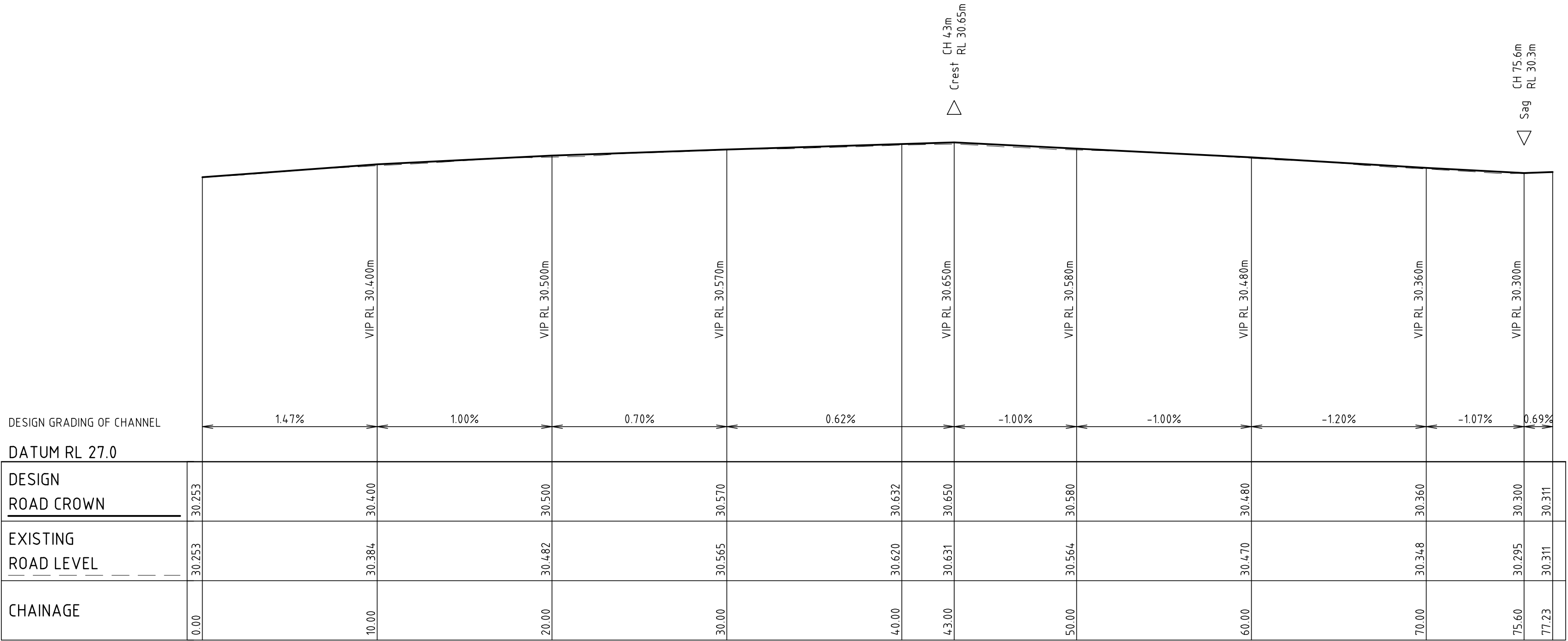
STATUS		
PRELIMINARY		
JOB LOCATION		DRAWING NUMBER
WESTWOOD PLACE OFF LT COLLINS STREET ROADWAY RECONSTRUCTION WORKS LAYOUT PLAN		WK0374821
		NUMBER OF SHEETS
		1 OF 4
		REVISION
		A
		DOCS NUMBER
		-



DESIGN CHANNEL LONGITUDINAL SECTION
ALIGNMENT 1



DESIGN CHANNEL LONGITUDINAL SECTION
ALIGNMENT 2




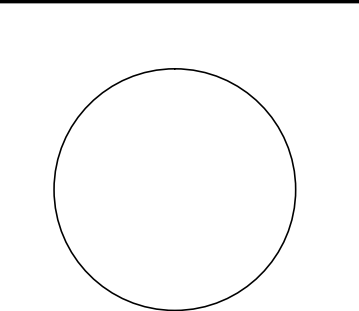
DESIGN CENTRE LINE LONGITUDINAL SECTION
WESTWOOD PL - ALIGNMENT 3



ABN: 47 106 610 913
Lvl 4, 501 Svanston St, Melbourne, VIC Australia 3000
Phone +61 3 8415 7777 Fax +61 3 8415 7788
Email: victoria@cardno.com.au
Web: www.cardno.com/victoria

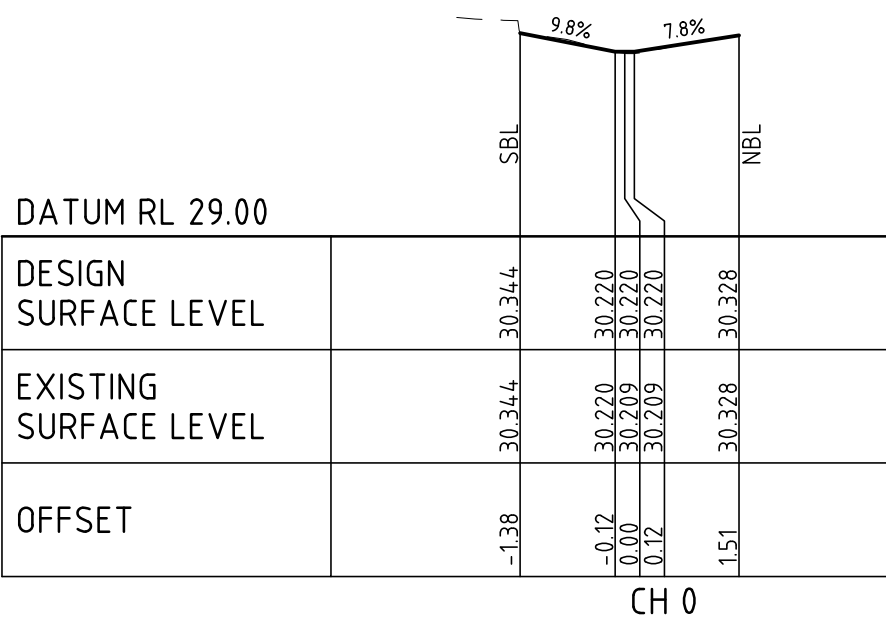
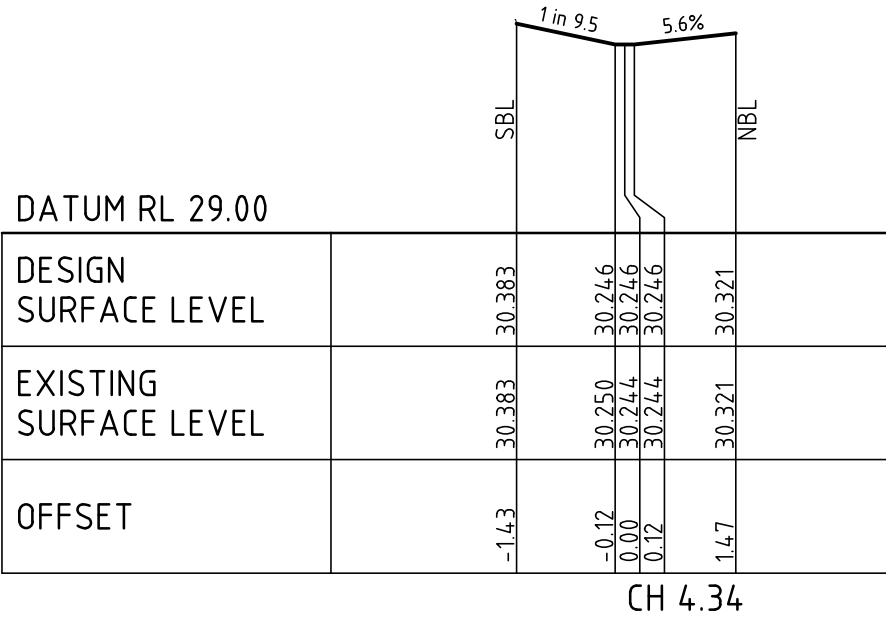
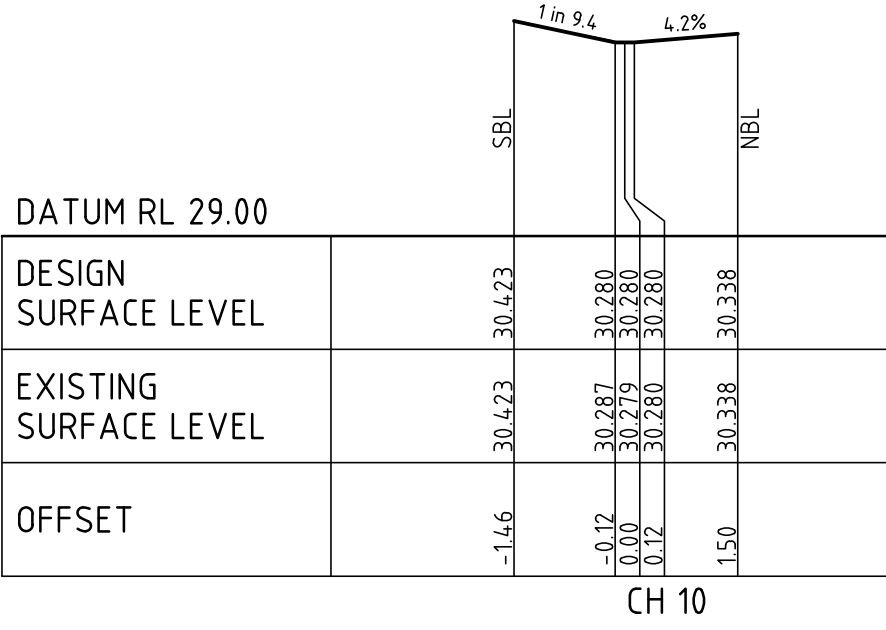
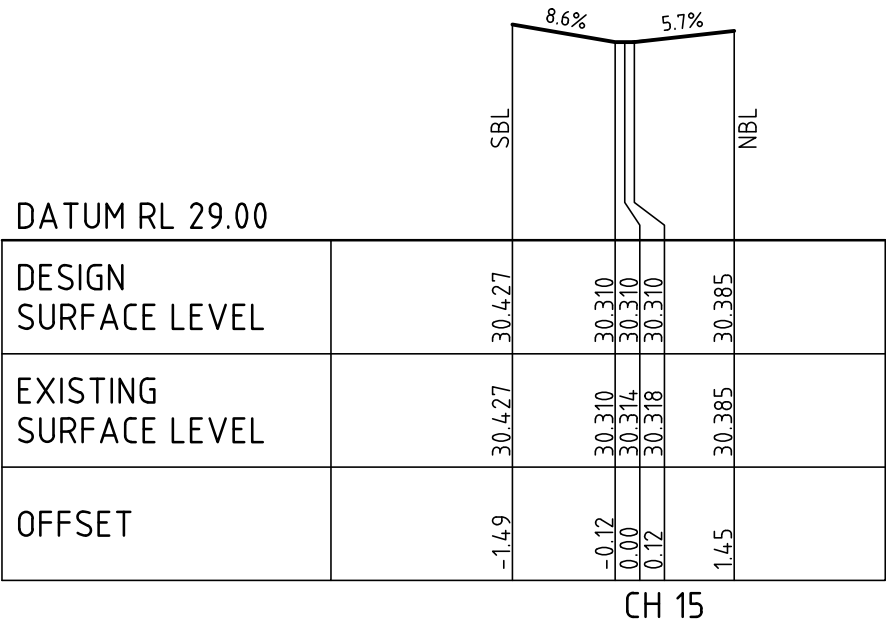
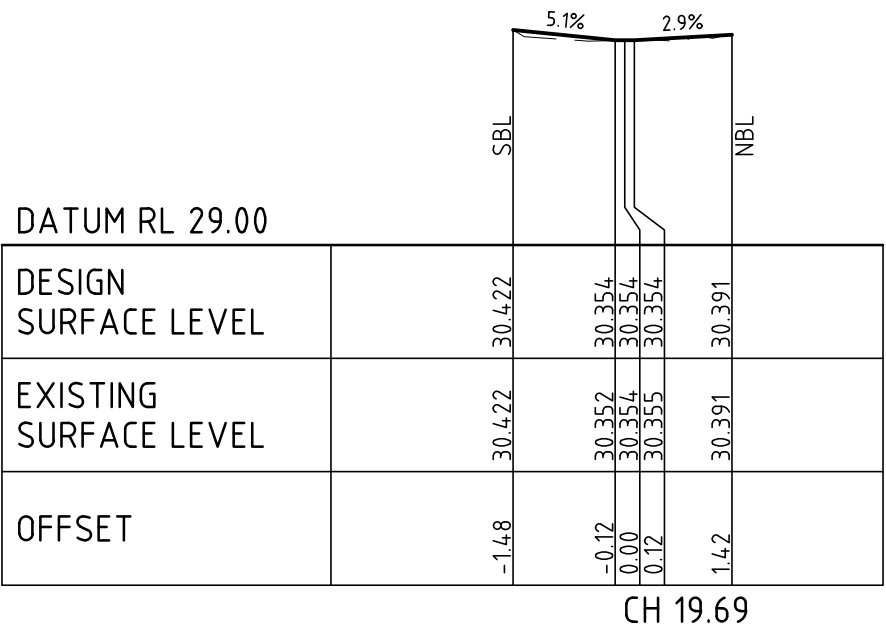
A	PRELIMINARY ISSUE	JL	18/12/14
Rev.	Revision Details	By	Date

CAD FILE	WK0374821	PROJECT NUMBER	14 G0359N
DESIGNED BY	J. LIU	CONCEPT DOCS NO.	
DRAWN BY	J. LIU	SURVEY REFERENCE	CARDNO
CHECKED	M. BRAJANOVSKI	SCALE	H 1:200, V 1:20 @ A1
CHECKED DATE		DATUM	MGA94/AHD

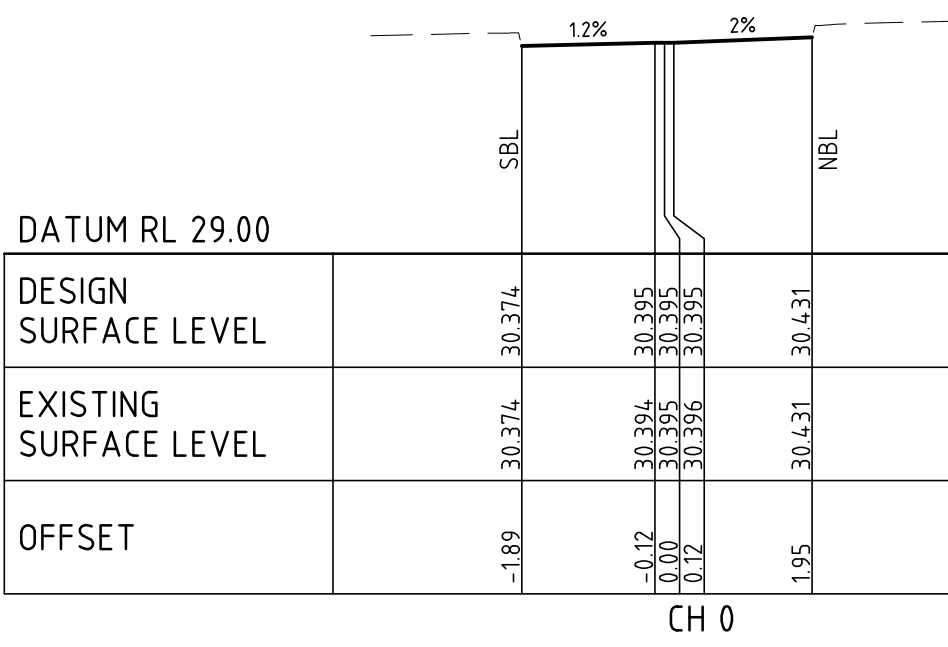
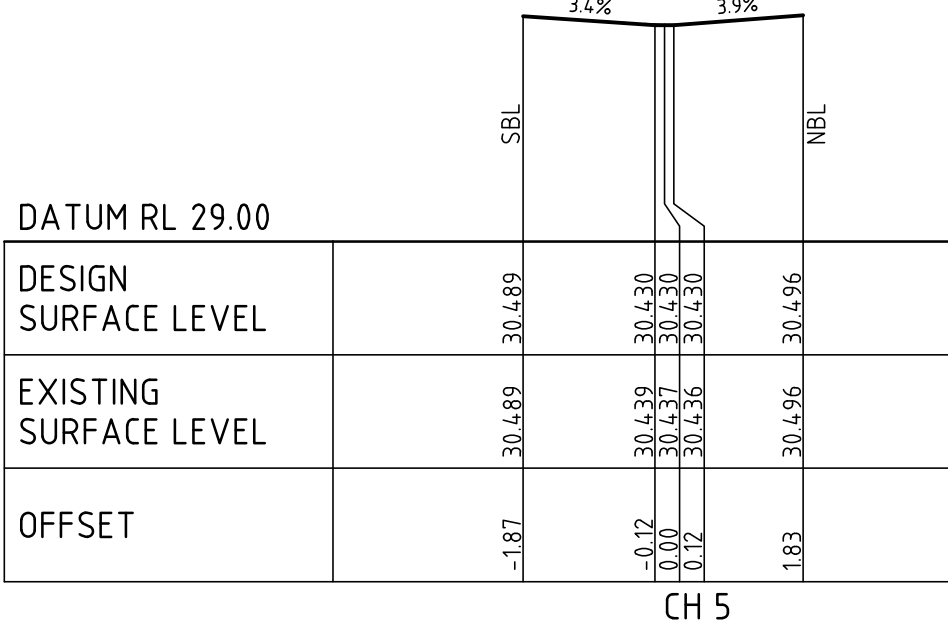
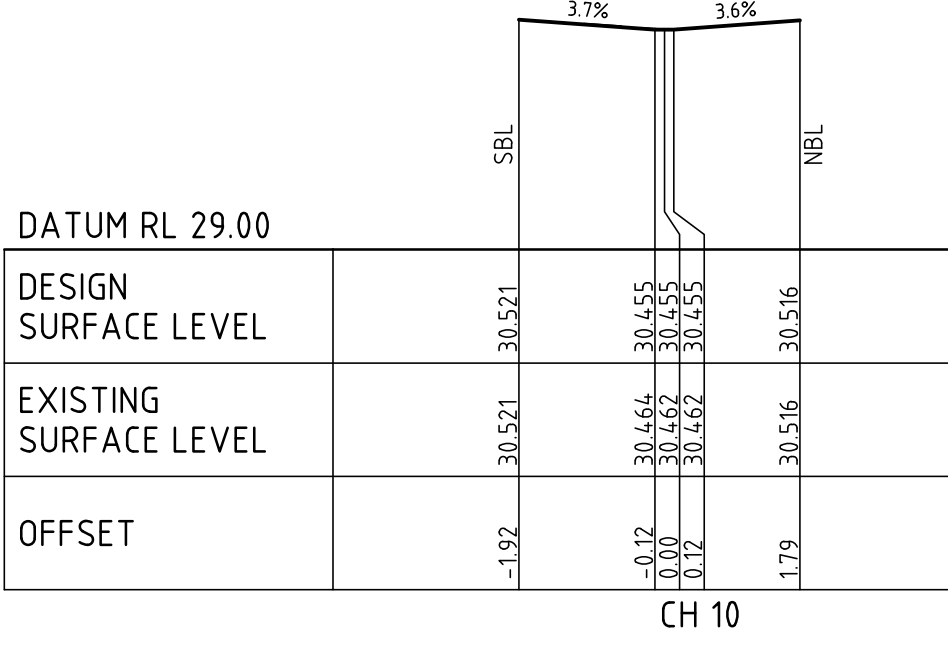
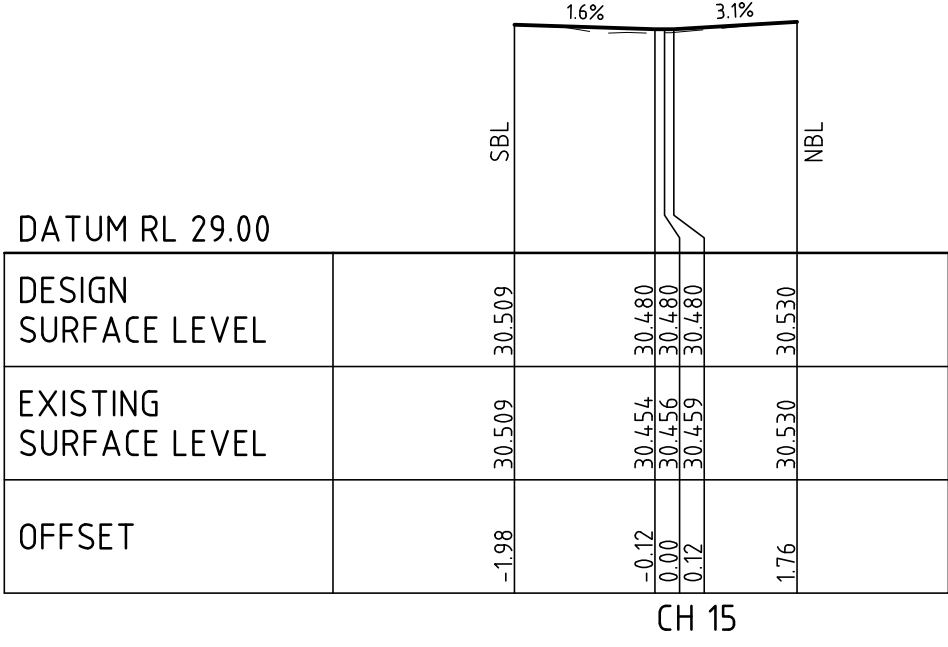
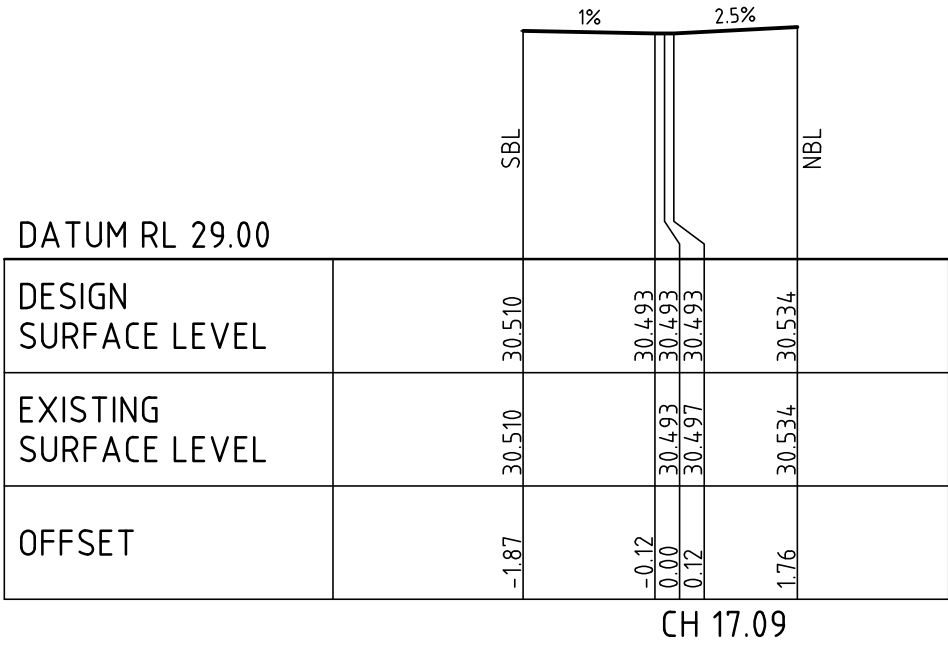


ENGINEERING SERVICES	
APPROVED BY	
Principal Engineer	Group Manager
Date	Date

STATUS		PRELIMINARY	
JOB LOCATION		DRAWING NUMBER	
WESTWOOD PLACE OFF LT COLLINS STREET ROADWAY RECONSTRUCTION WORKS DESIGN LONGITUDINAL AND CROSS SECTIONS		WK0374821	
		NUMBER OF SHEETS	REVISION
		2 OF 4	A
DOCS NUMBER			



DESIGN CROSS SECTION - ALIGNMENT 1



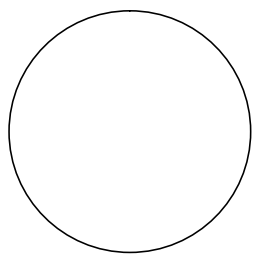
DESIGN CROSS SECTION - ALIGNMENT 2



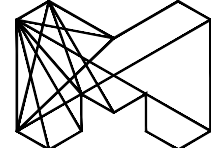
ABN: 47 106 610 913
Lvl 4, 501 Swanston St, Melbourne, VIC Australia 3000
Phone +61 3 8415 7777 Fax +61 3 8415 7788
Email: victoria@cardno.com.au
Web: www.cardno.com/victoria

A	PRELIMINARY ISSUE	JL	18/12/14
Rev.	Revision Details	By	Date

CAD FILE	WK0374821	PROJECT NUMBER	14 G0359N
DESIGNED BY	J. LIU	CONCEPT DOCS NO.	
DRAWN BY	J. LIU	SURVEY REFERENCE	CARDNO
CHECKED	M. BRAJANOVSKI	SCALE	H 1:100, V 1:50 @A1
CHECKED DATE		DATUM	MGA94/AHD



North Point



CITY OF
MELBOURNE

ENGINEERING SERVICES

APPROVED BY

Principal Engineer

Date

Group Manager

Date

STATUS

PRELIMINARY

JOB LOCATION

WESTWOOD PLACE
OFF LT COLLINS STREET
ROADWAY RECONSTRUCTION WORKS
DESIGN CROSS SECTIONS - ALIGNMENT 1 & 2

DRAWING
NUMBER

WK0374821

NUMBER OF
SHEETS

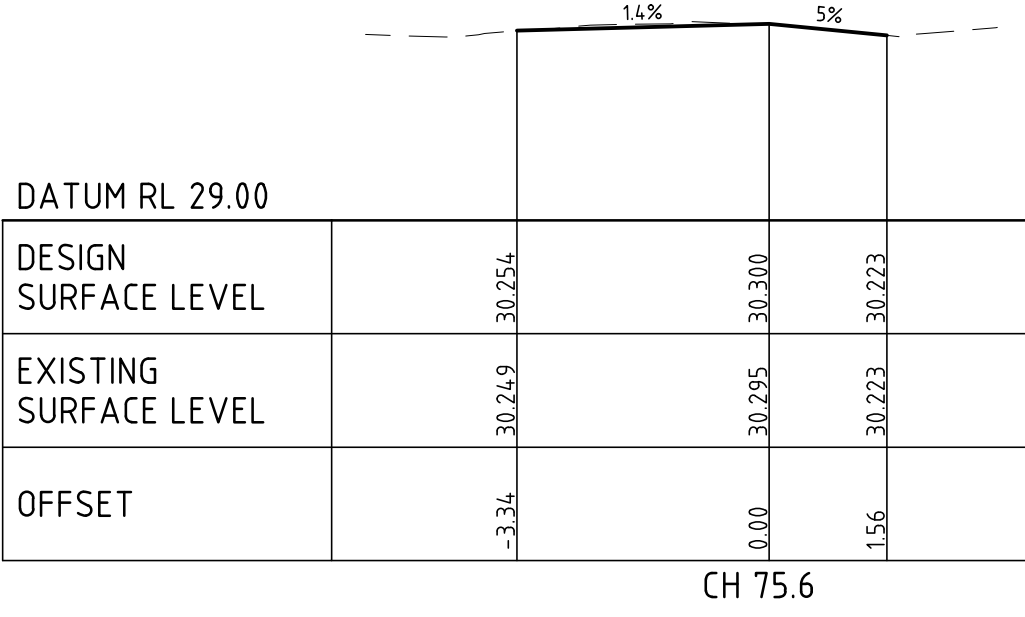
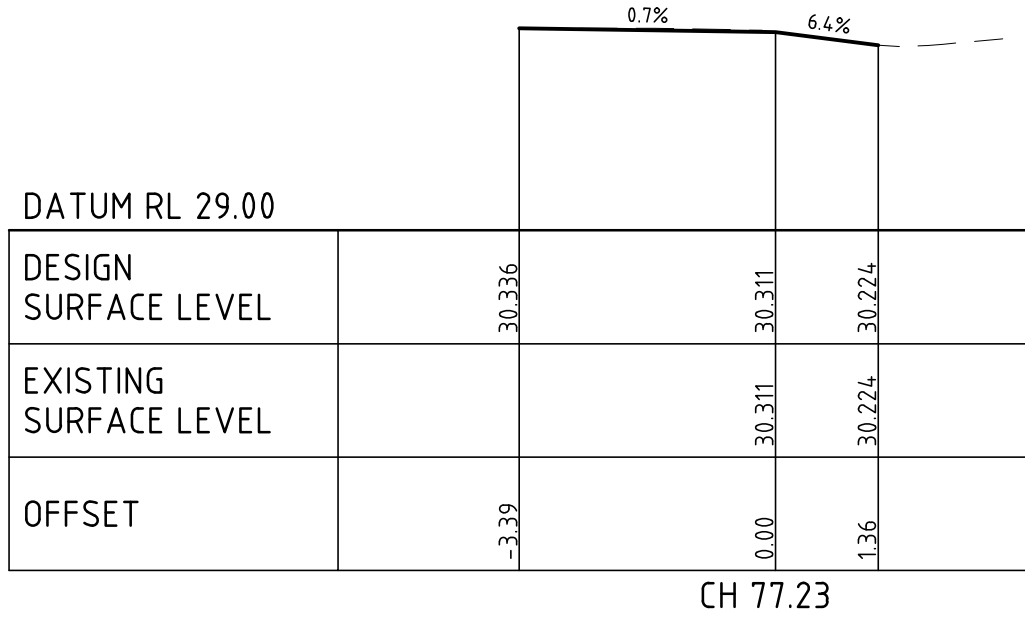
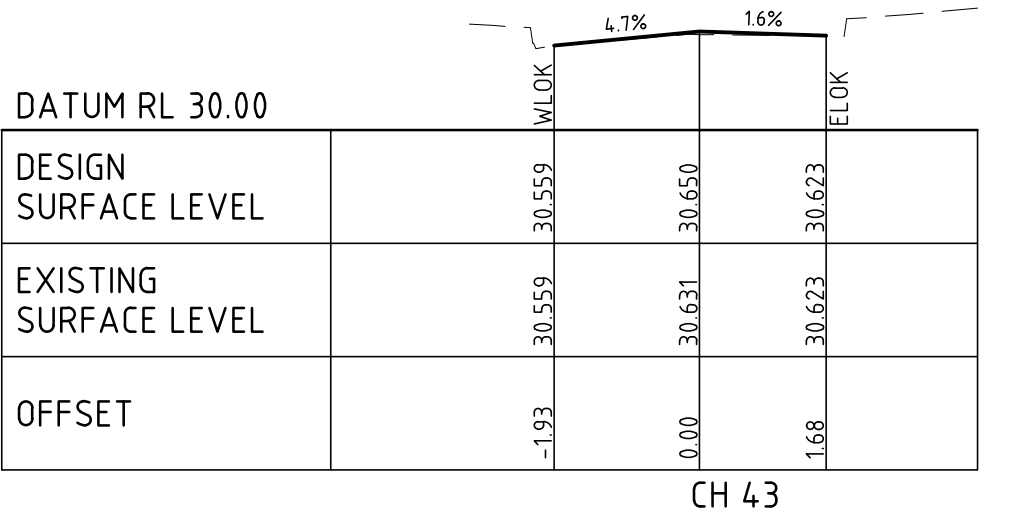
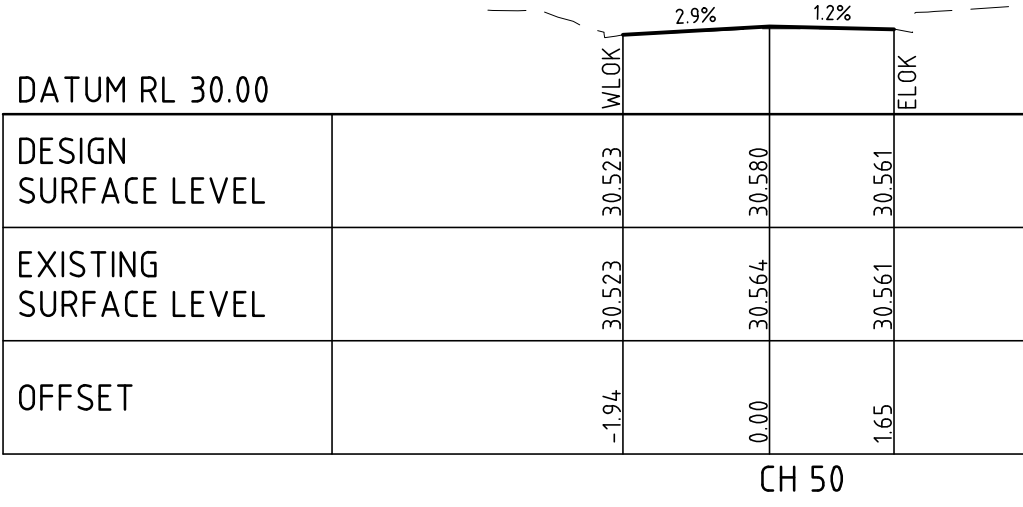
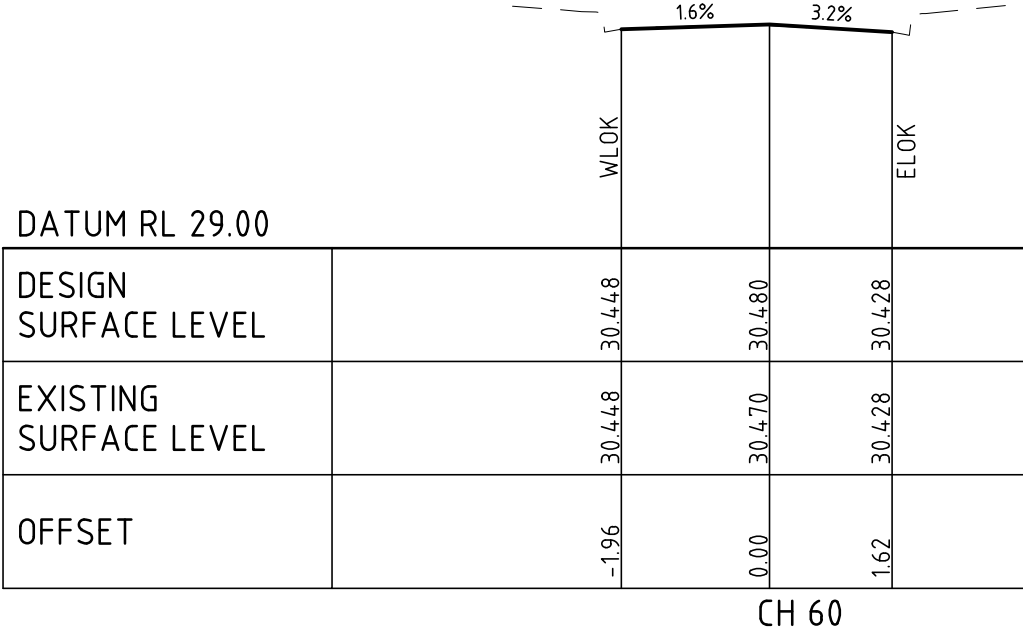
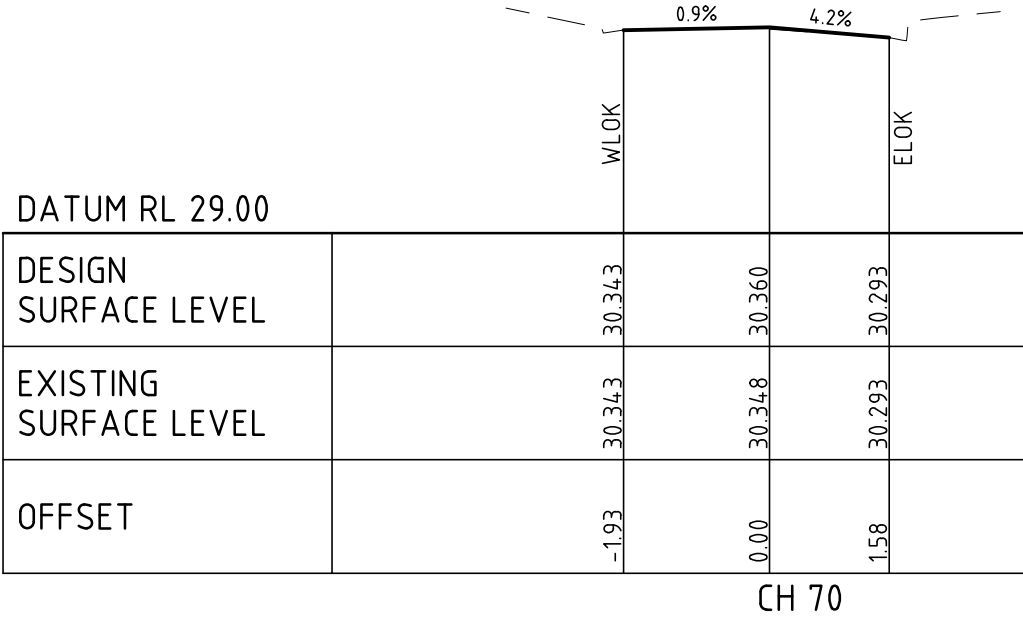
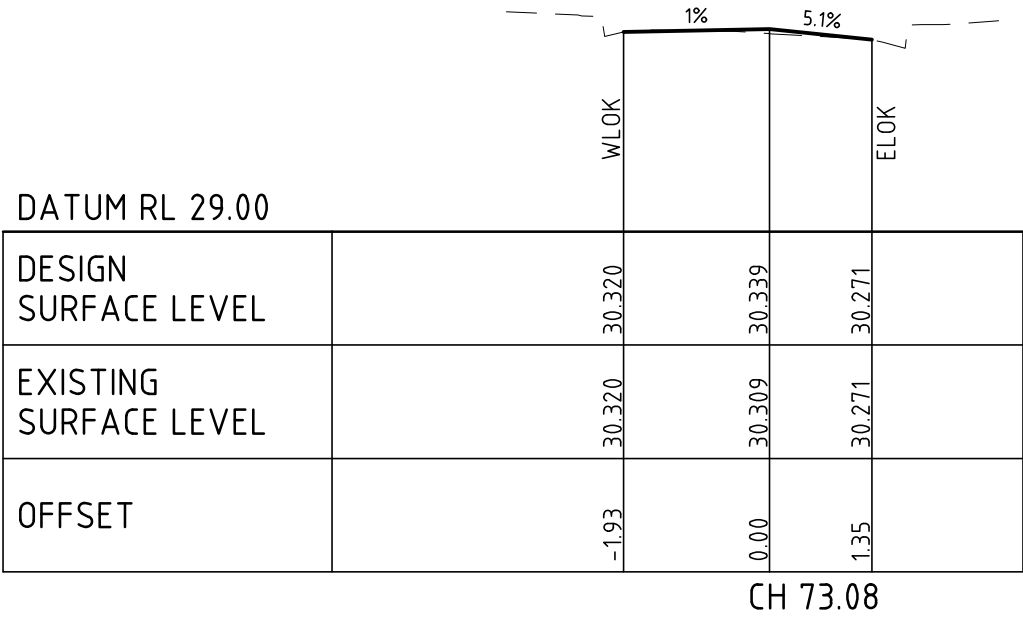
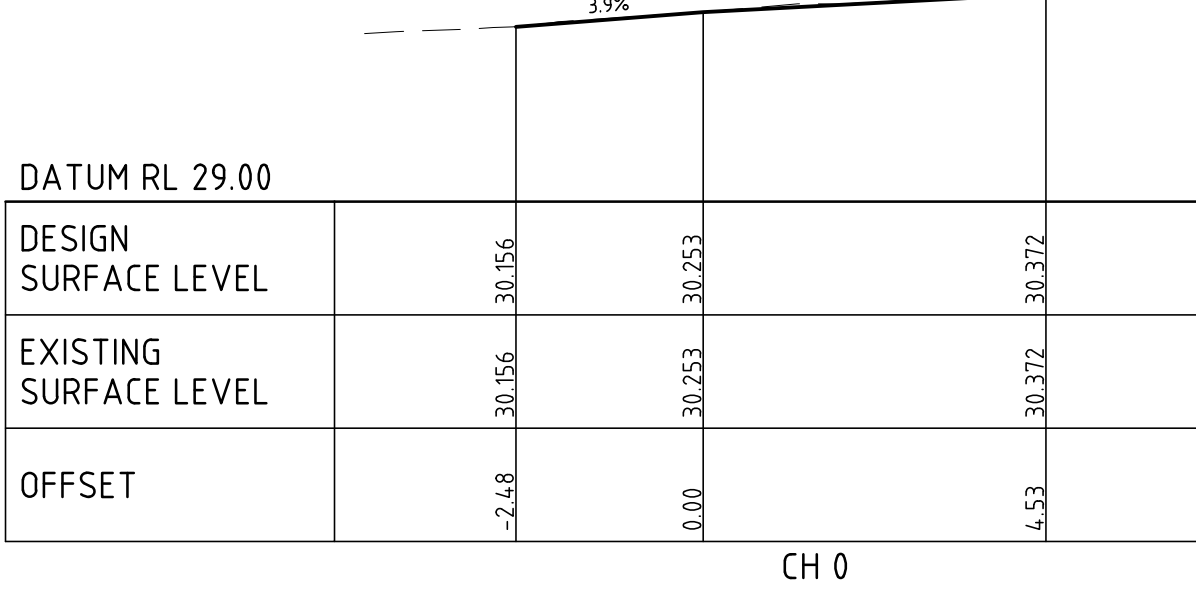
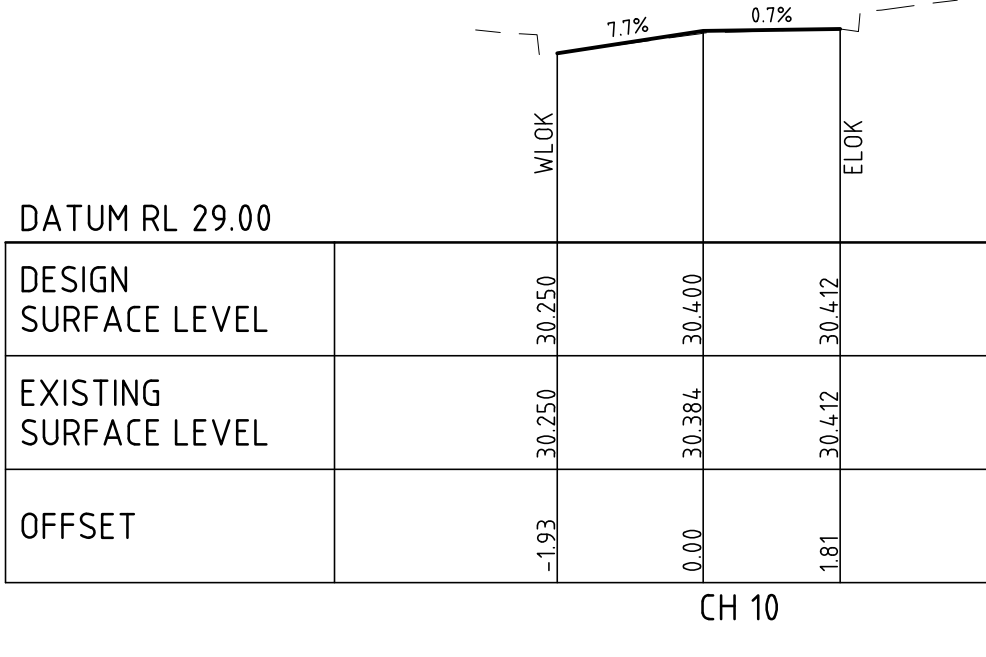
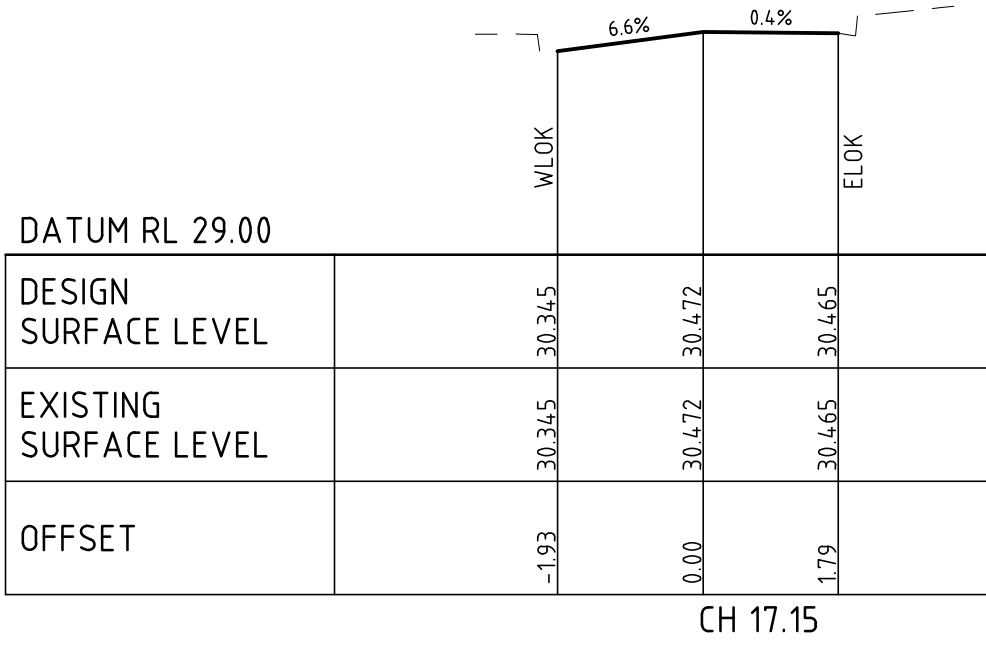
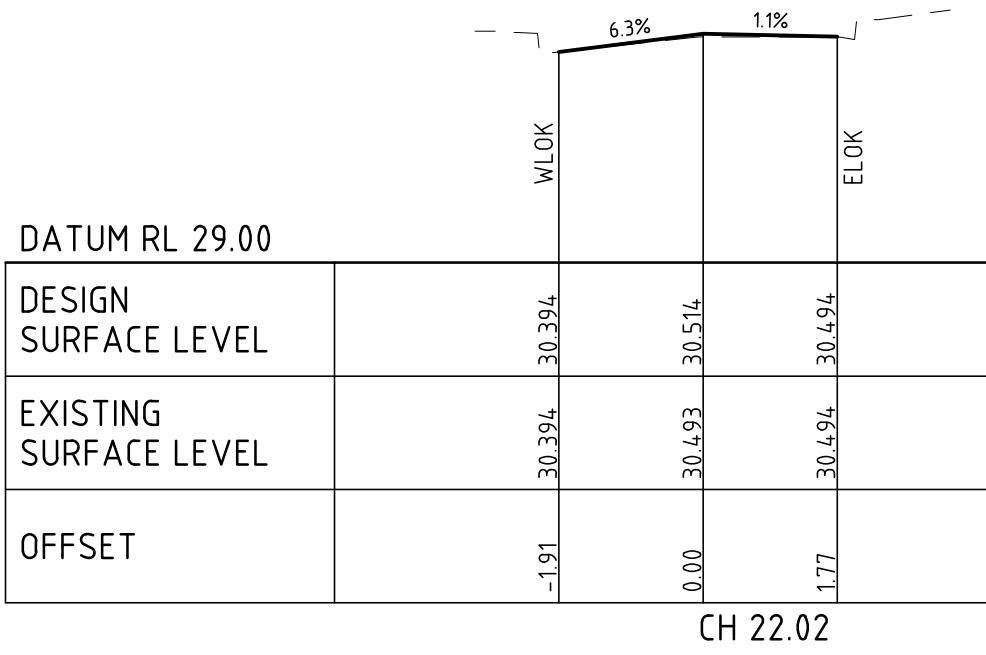
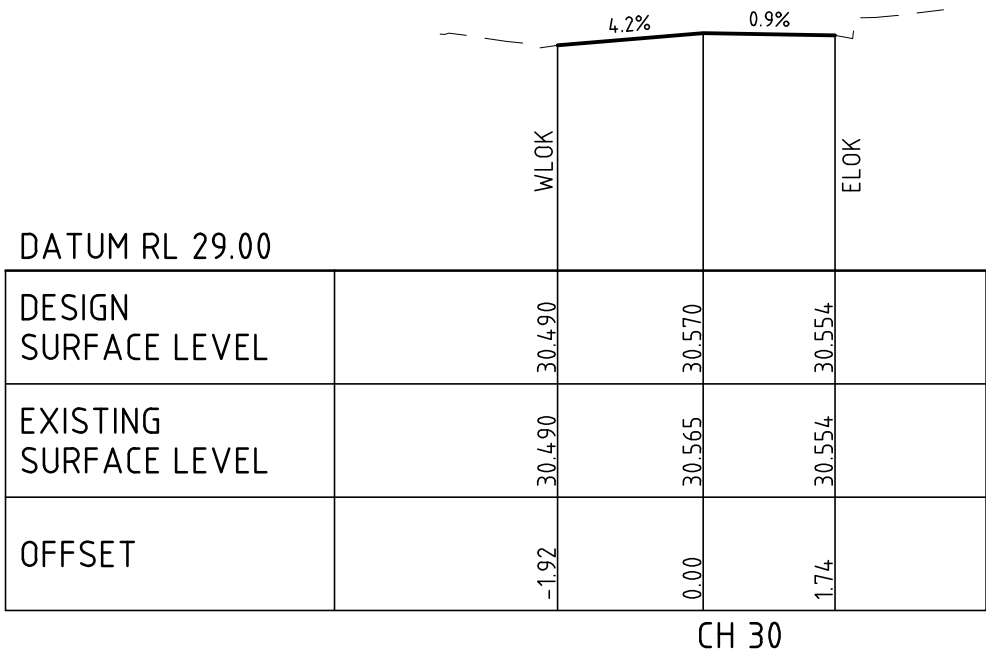
3 OF 4

REVISION

A

DOCS NUMBER

-



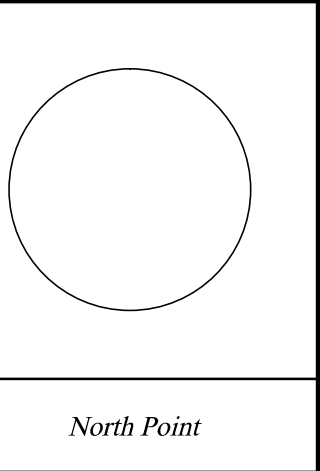


Cardno
Shaping the Future

ABN: 47 106 610 913
Lvl 4, 501 Swanton St, Melbourne, VIC Australia 3000
Phone +61 3 8415 7777 Fax +61 3 8415 7788
Email: victoria@cardno.com.au
Web: www.cardno.com/victoria

A	PRELIMINARY ISSUE	JL	18/12/14
Rev.	Revision Details	By	Date

CAD FILE	WK0374821	PROJECT NUMBER	14 G0359N
DESIGNED BY	J. LIU	CONCEPT DOCS NO.	
DRAWN BY	J. LIU	SURVEY REFERENCE	CARDNO
CHECKED	M. BRAJANOVSKI	SCALE	H 1:100, V 1:50 @A1
CHECKED DATE		DATUM	MGA94/AHD



ENGINEERING SERVICES	
APPROVED BY	
Principal Engineer	Group Manager
-	-
Date	Date
-	-

STATUS		
PRELIMINARY		
JOB LOCATION		DRAWING NUMBER
WESTWOOD PLACE OFF LT COLLINS STREET ROADWAY RECONSTRUCTION WORKS DESIGN CROSS SECTIONS - ALIGNMENT 3		WK0374821
		NUMBER OF SHEETS
		4 OF 4
		REVISION
		A
		DOCS NUMBER
		-