

DO NOT SCALE DRAWINGS, USE FIGURED DIMENSIONS
REFER COVER SHEET FOR NOTES UNLESS NOTED OTHERWISE

UNLESS AGREED OTHERWISE BY ROBERT BIRD GROUP PTY LTD ("RBG"), ACT 010 580 248 IS A REGISTERED TRADEMARK OF ROBERT BIRD GROUP PTY LTD. ANY INFORMATION OR DATA APPLIED OR TRANSFERRED TO YOU (INCLUDING COPYRIGHT IN ALL TEXT, GRAPHICS, LOGOS, ICONS, SOUND RECORDINGS AND SOFTWARE) ARE OWNED BY OR TRANSFERRED TO RBG. OTHER THAN FOR PERSONAL USE, YOU MAY NOT REPRODUCE, COPY, ADAPT, MODIFY, DISTRIBUTE, SELL, RENT, LEASE, OR OTHERWISE COMMUNICATE OR MAKE AVAILABLE TO ANY OTHER PERSON ANY INFORMATION OR DATA SUPPLIED OR TRANSFERRED TO YOU BY RBG WITHOUT RBG'S PRIOR WRITTEN PERMISSION. © Robert Bird Group Pty Ltd 2011

DO NOT SCALE DRAWINGS, USE FIGURED DIMENSIONS
REFER COVER SHEET FOR NOTES UNLESS NOTED OTHERWISE

UNLESS AGREED OTHERWISE BY ROBERT BIRD GROUP PTY LTD ("RBG"), ACT 010 580 248 IS A REGISTERED TRADEMARK OF ROBERT BIRD GROUP PTY LTD. ANY INFORMATION OR DATA APPLIED OR TRANSFERRED TO YOU (INCLUDING COPYRIGHT IN ALL TEXT, GRAPHICS, LOGOS, ICONS, SOUND RECORDINGS AND SOFTWARE) ARE OWNED BY OR TRANSFERRED TO RBG. OTHER THAN FOR PERSONAL USE, YOU MAY NOT REPRODUCE, COPY, ADAPT, MODIFY, DISTRIBUTE, SELL, RENT, LEASE, OR OTHERWISE COMMUNICATE OR MAKE AVAILABLE TO ANY OTHER PERSON ANY INFORMATION OR DATA SUPPLIED OR TRANSFERRED TO YOU BY RBG WITHOUT RBG'S PRIOR WRITTEN PERMISSION. © Robert Bird Group Pty Ltd 2011

UNLESS AGREED OTHERWISE BY ROBERT BIRD GROUP PTY LTD ("RBG"), ACT 010 580 248 IS A REGISTERED TRADEMARK OF ROBERT BIRD GROUP PTY LTD. ANY INFORMATION OR DATA APPLIED OR TRANSFERRED TO YOU (INCLUDING COPYRIGHT IN ALL TEXT, GRAPHICS, LOGOS, ICONS, SOUND RECORDINGS AND SOFTWARE) ARE OWNED BY OR TRANSFERRED TO RBG. OTHER THAN FOR PERSONAL USE, YOU MAY NOT REPRODUCE, COPY, ADAPT, MODIFY, DISTRIBUTE, SELL, RENT, LEASE, OR OTHERWISE COMMUNICATE OR MAKE AVAILABLE TO ANY OTHER PERSON ANY INFORMATION OR DATA SUPPLIED OR TRANSFERRED TO YOU BY RBG WITHOUT RBG'S PRIOR WRITTEN PERMISSION. © Robert Bird Group Pty Ltd 2011

UNLESS AGREED OTHERWISE BY ROBERT BIRD GROUP PTY LTD ("RBG"), ACT 010 580 248 IS A REGISTERED TRADEMARK OF ROBERT BIRD GROUP PTY LTD. ANY INFORMATION OR DATA APPLIED OR TRANSFERRED TO YOU (INCLUDING COPYRIGHT IN ALL TEXT, GRAPHICS, LOGOS, ICONS, SOUND RECORDINGS AND SOFTWARE) ARE OWNED BY OR TRANSFERRED TO RBG. OTHER THAN FOR PERSONAL USE, YOU MAY NOT REPRODUCE, COPY, ADAPT, MODIFY, DISTRIBUTE, SELL, RENT, LEASE, OR OTHERWISE COMMUNICATE OR MAKE AVAILABLE TO ANY OTHER PERSON ANY INFORMATION OR DATA SUPPLIED OR TRANSFERRED TO YOU BY RBG WITHOUT RBG'S PRIOR WRITTEN PERMISSION. © Robert Bird Group Pty Ltd 2011

UNLESS AGREED OTHERWISE BY ROBERT BIRD GROUP PTY LTD ("RBG"), ACT 010 580 248 IS A REGISTERED TRADEMARK OF ROBERT BIRD GROUP PTY LTD. ANY INFORMATION OR DATA APPLIED OR TRANSFERRED TO YOU (INCLUDING COPYRIGHT IN ALL TEXT, GRAPHICS, LOGOS, ICONS, SOUND RECORDINGS AND SOFTWARE) ARE OWNED BY OR TRANSFERRED TO RBG. OTHER THAN FOR PERSONAL USE, YOU MAY NOT REPRODUCE, COPY, ADAPT, MODIFY, DISTRIBUTE, SELL, RENT, LEASE, OR OTHERWISE COMMUNICATE OR MAKE AVAILABLE TO ANY OTHER PERSON ANY INFORMATION OR DATA SUPPLIED OR TRANSFERRED TO YOU BY RBG WITHOUT RBG'S PRIOR WRITTEN PERMISSION. © Robert Bird Group Pty Ltd 2011

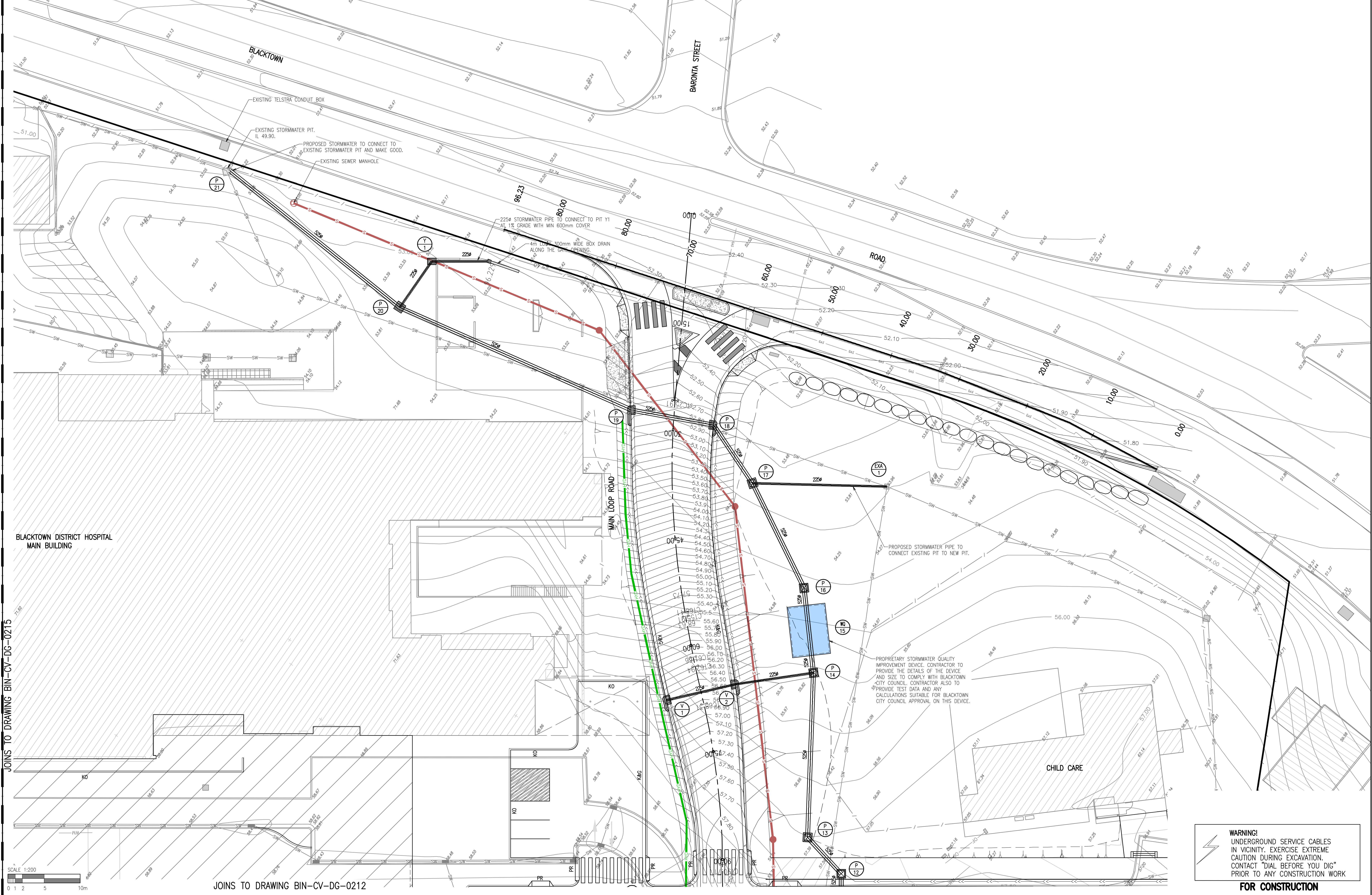
UNLESS AGREED OTHERWISE BY ROBERT BIRD GROUP PTY LTD ("RBG"), ACT 010 580 248 IS A REGISTERED TRADEMARK OF ROBERT BIRD GROUP PTY LTD. ANY INFORMATION OR DATA APPLIED OR TRANSFERRED TO YOU (INCLUDING COPYRIGHT IN ALL TEXT, GRAPHICS, LOGOS, ICONS, SOUND RECORDINGS AND SOFTWARE) ARE OWNED BY OR TRANSFERRED TO RBG. OTHER THAN FOR PERSONAL USE, YOU MAY NOT REPRODUCE, COPY, ADAPT, MODIFY, DISTRIBUTE, SELL, RENT, LEASE, OR OTHERWISE COMMUNICATE OR MAKE AVAILABLE TO ANY OTHER PERSON ANY INFORMATION OR DATA SUPPLIED OR TRANSFERRED TO YOU BY RBG WITHOUT RBG'S PRIOR WRITTEN PERMISSION. © Robert Bird Group Pty Ltd 2011

UNLESS AGREED OTHERWISE BY ROBERT BIRD GROUP PTY LTD ("RBG"), ACT 010 580 248 IS A REGISTERED TRADEMARK OF ROBERT BIRD GROUP PTY LTD. ANY INFORMATION OR DATA APPLIED OR TRANSFERRED TO YOU (INCLUDING COPYRIGHT IN ALL TEXT, GRAPHICS, LOGOS, ICONS, SOUND RECORDINGS AND SOFTWARE) ARE OWNED BY OR TRANSFERRED TO RBG. OTHER THAN FOR PERSONAL USE, YOU MAY NOT REPRODUCE, COPY, ADAPT, MODIFY, DISTRIBUTE, SELL, RENT, LEASE, OR OTHERWISE COMMUNICATE OR MAKE AVAILABLE TO ANY OTHER PERSON ANY INFORMATION OR DATA SUPPLIED OR TRANSFERRED TO YOU BY RBG WITHOUT RBG'S PRIOR WRITTEN PERMISSION. © Robert Bird Group Pty Ltd 2011

UNLESS AGREED OTHERWISE BY ROBERT BIRD GROUP PTY LTD ("RBG"), ACT 010 580 248 IS A REGISTERED TRADEMARK OF ROBERT BIRD GROUP PTY LTD. ANY INFORMATION OR DATA APPLIED OR TRANSFERRED TO YOU (INCLUDING COPYRIGHT IN ALL TEXT, GRAPHICS, LOGOS, ICONS, SOUND RECORDINGS AND SOFTWARE) ARE OWNED BY OR TRANSFERRED TO RBG. OTHER THAN FOR PERSONAL USE, YOU MAY NOT REPRODUCE, COPY, ADAPT, MODIFY, DISTRIBUTE, SELL, RENT, LEASE, OR OTHERWISE COMMUNICATE OR MAKE AVAILABLE TO ANY OTHER PERSON ANY INFORMATION OR DATA SUPPLIED OR TRANSFERRED TO YOU BY RBG WITHOUT RBG'S PRIOR WRITTEN PERMISSION. © Robert Bird Group Pty Ltd 2011

UNLESS AGREED OTHERWISE BY ROBERT BIRD GROUP PTY LTD ("RBG"), ACT 010 580 248 IS A REGISTERED TRADEMARK OF ROBERT BIRD GROUP PTY LTD. ANY INFORMATION OR DATA APPLIED OR TRANSFERRED TO YOU (INCLUDING COPYRIGHT IN ALL TEXT, GRAPHICS, LOGOS, ICONS, SOUND RECORDINGS AND SOFTWARE) ARE OWNED BY OR TRANSFERRED TO RBG. OTHER THAN FOR PERSONAL USE, YOU MAY NOT REPRODUCE, COPY, ADAPT, MODIFY, DISTRIBUTE, SELL, RENT, LEASE, OR OTHERWISE COMMUNICATE OR MAKE AVAILABLE TO ANY OTHER PERSON ANY INFORMATION OR DATA SUPPLIED OR TRANSFERRED TO YOU BY RBG WITHOUT RBG'S PRIOR WRITTEN PERMISSION. © Robert Bird Group Pty Ltd 2011

UNLESS AGREED OTHERWISE BY ROBERT BIRD GROUP PTY LTD ("RBG"), ACT 010 580 248 IS A REGISTERED TRADEMARK OF ROBERT BIRD GROUP PTY LTD. ANY INFORMATION OR DATA APPLIED OR TRANSFERRED TO YOU (INCLUDING COPYRIGHT IN ALL TEXT, GRAPHICS, LOGOS, ICONS, SOUND RECORDINGS AND SOFTWARE) ARE OWNED BY OR TRANSFERRED TO RBG. OTHER THAN FOR PERSONAL USE, YOU MAY NOT REPRODUCE, COPY, ADAPT, MODIFY, DISTRIBUTE, SELL, RENT, LEASE, OR OTHERWISE COMMUNICATE OR MAKE AVAILABLE TO ANY OTHER PERSON ANY INFORMATION OR DATA SUPPLIED OR TRANSFERRED TO YOU BY RBG WITHOUT RBG'S PRIOR WRITTEN PERMISSION. © Robert Bird Group Pty Ltd 2011



WARNING!
UNDERGROUND SERVICE CABLES
IN VICINITY. EXERCISE EXTREME
CAUTION DURING EXCAVATION.
CONTACT DIAL BEFORE YOU DIG
PRIOR TO ANY CONSTRUCTION WORK
FOR CONSTRUCTION

CONSULTANT

PROJECT MANAGER

PRINCIPAL

PROJECT

CIVIL

Date generated
Drawn
Checked
Design
Approved
Principal

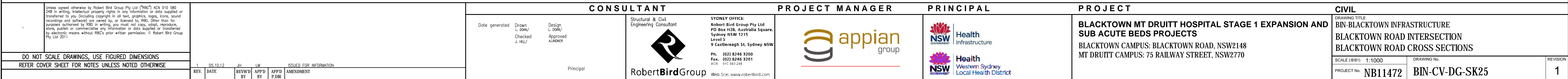
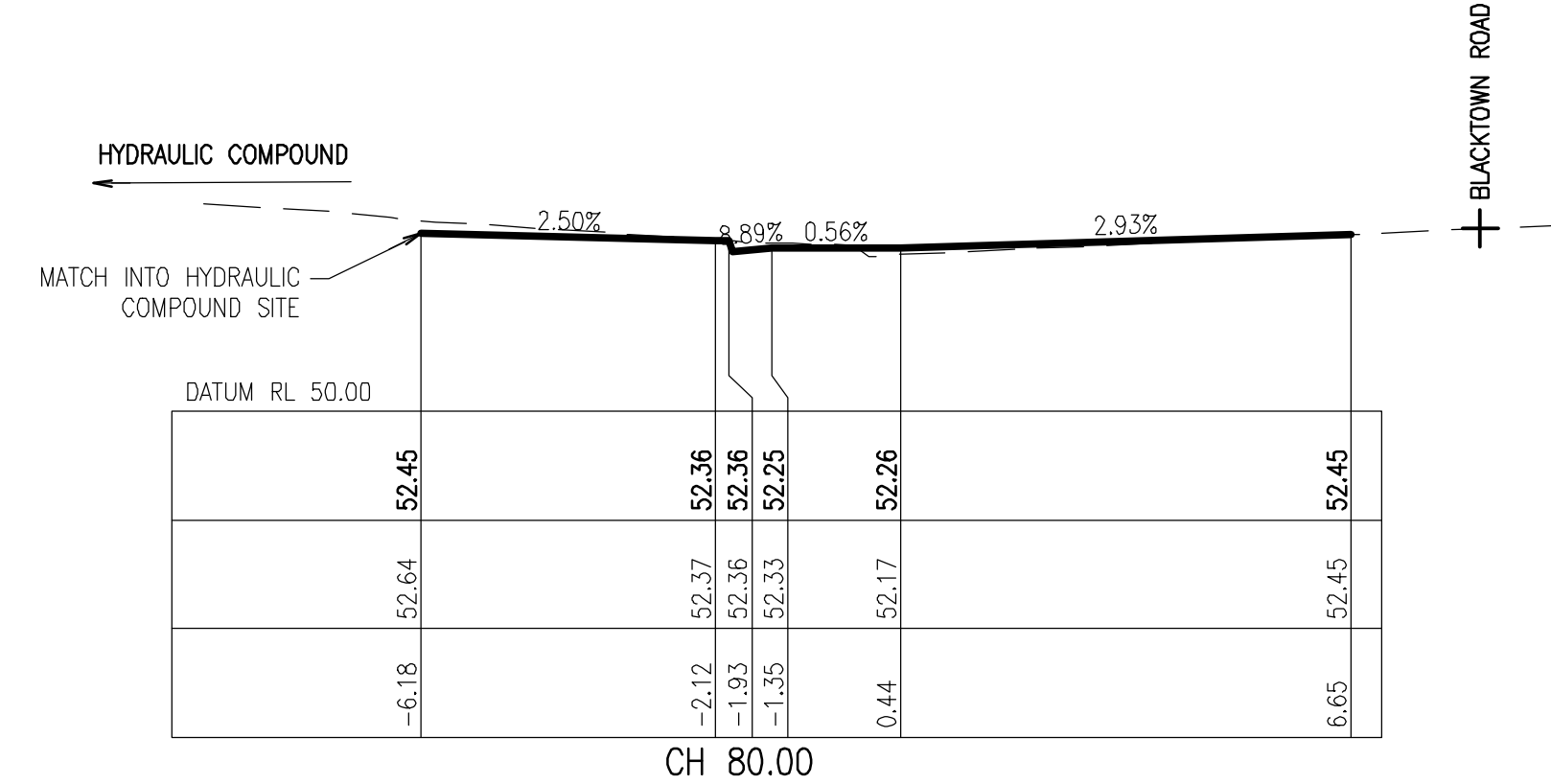
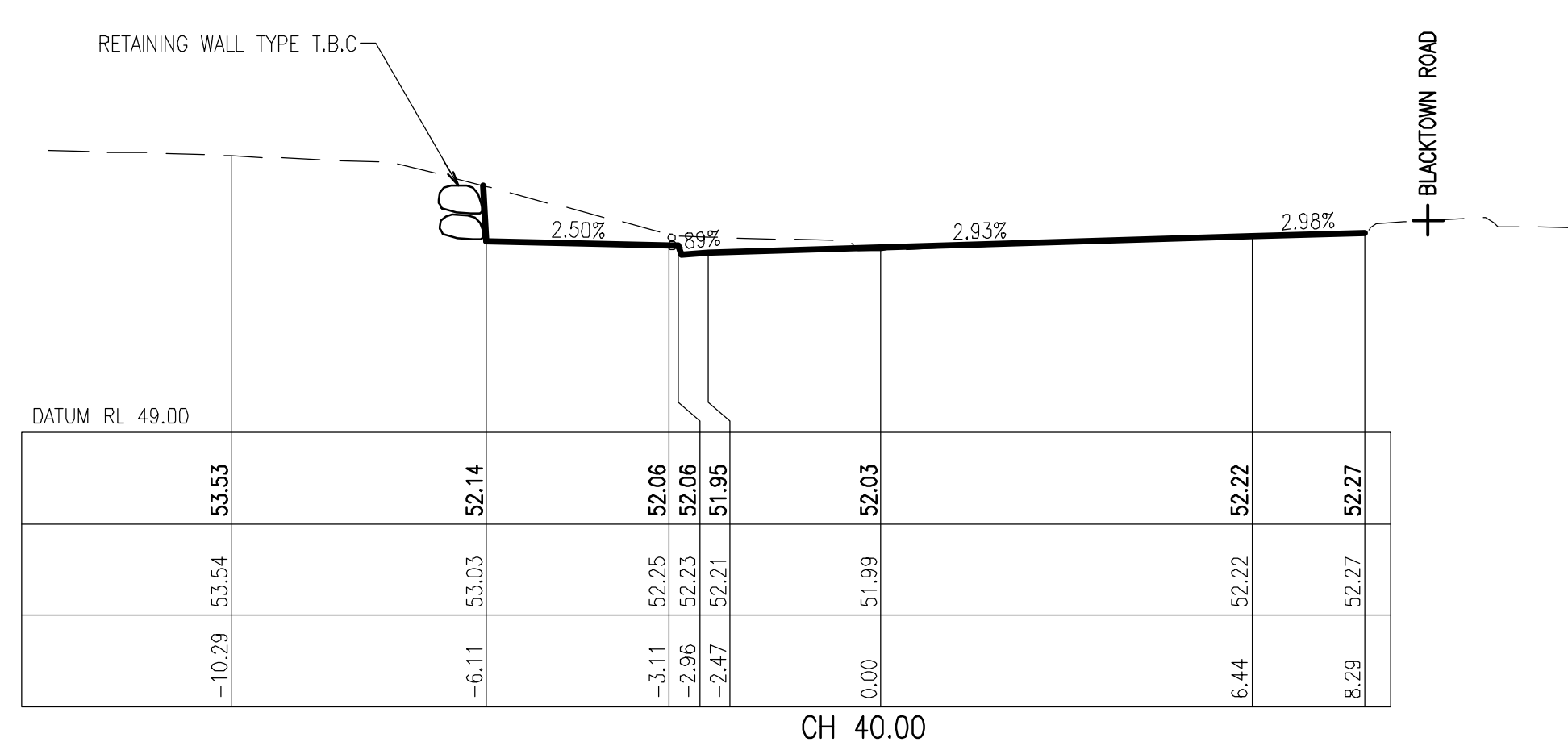
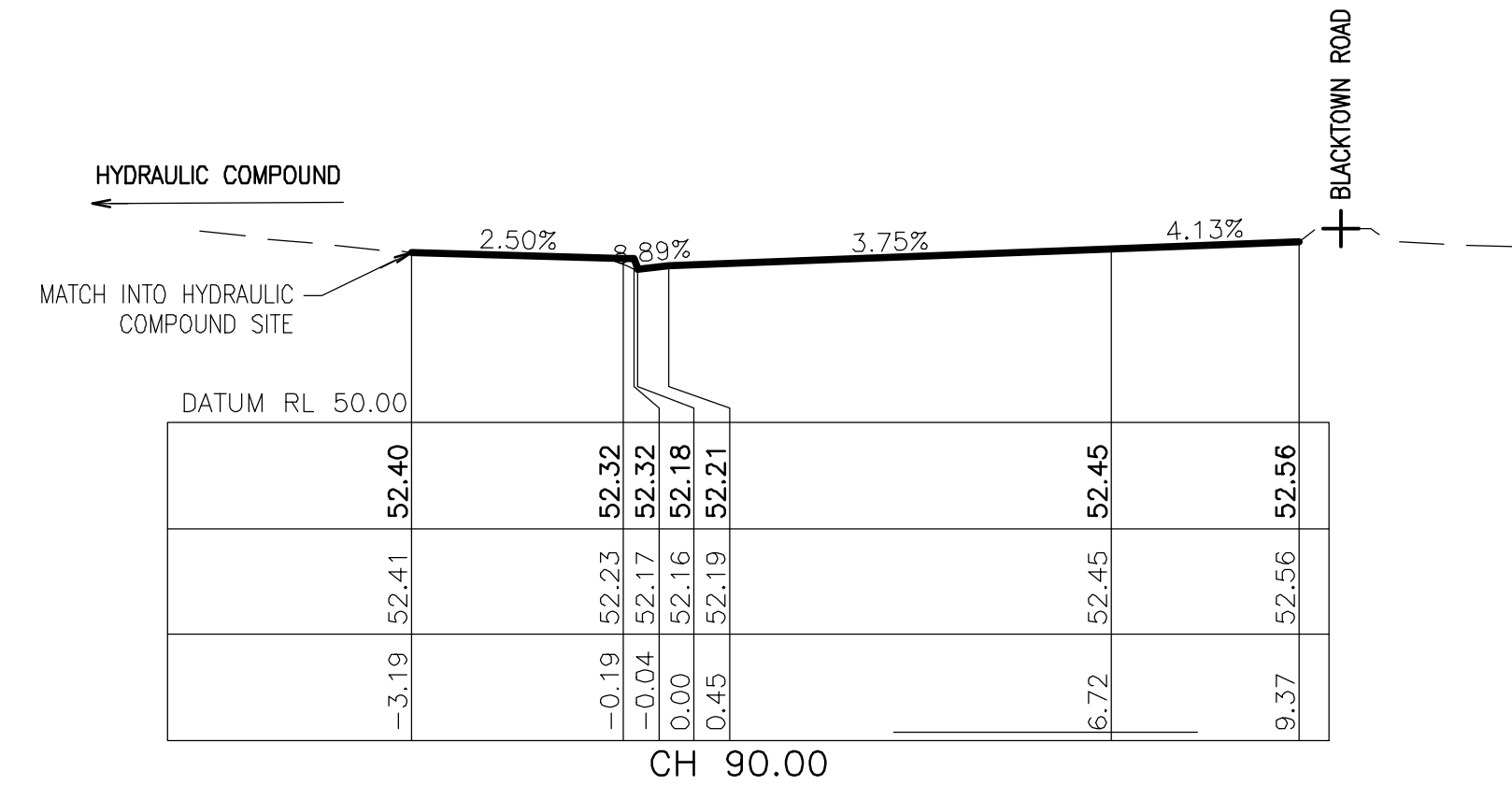
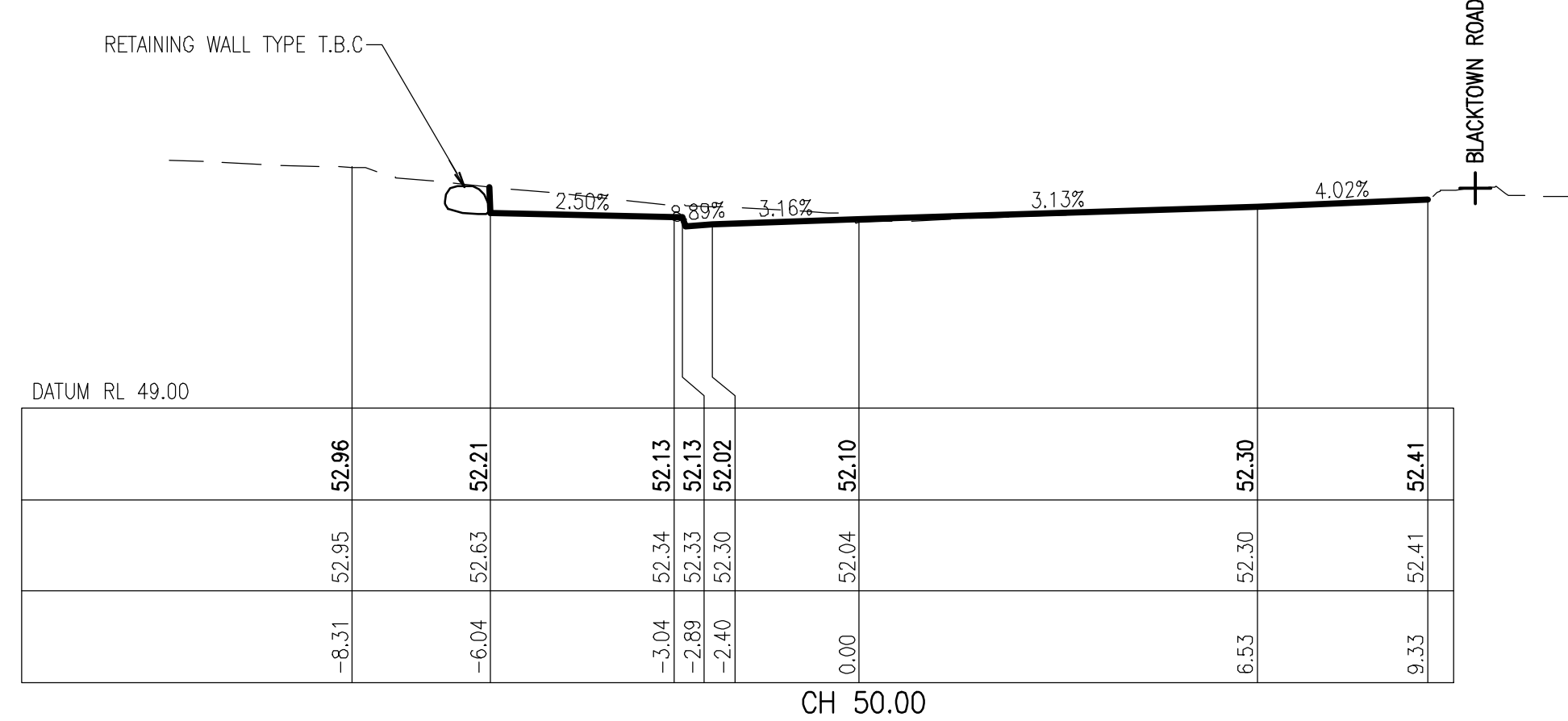
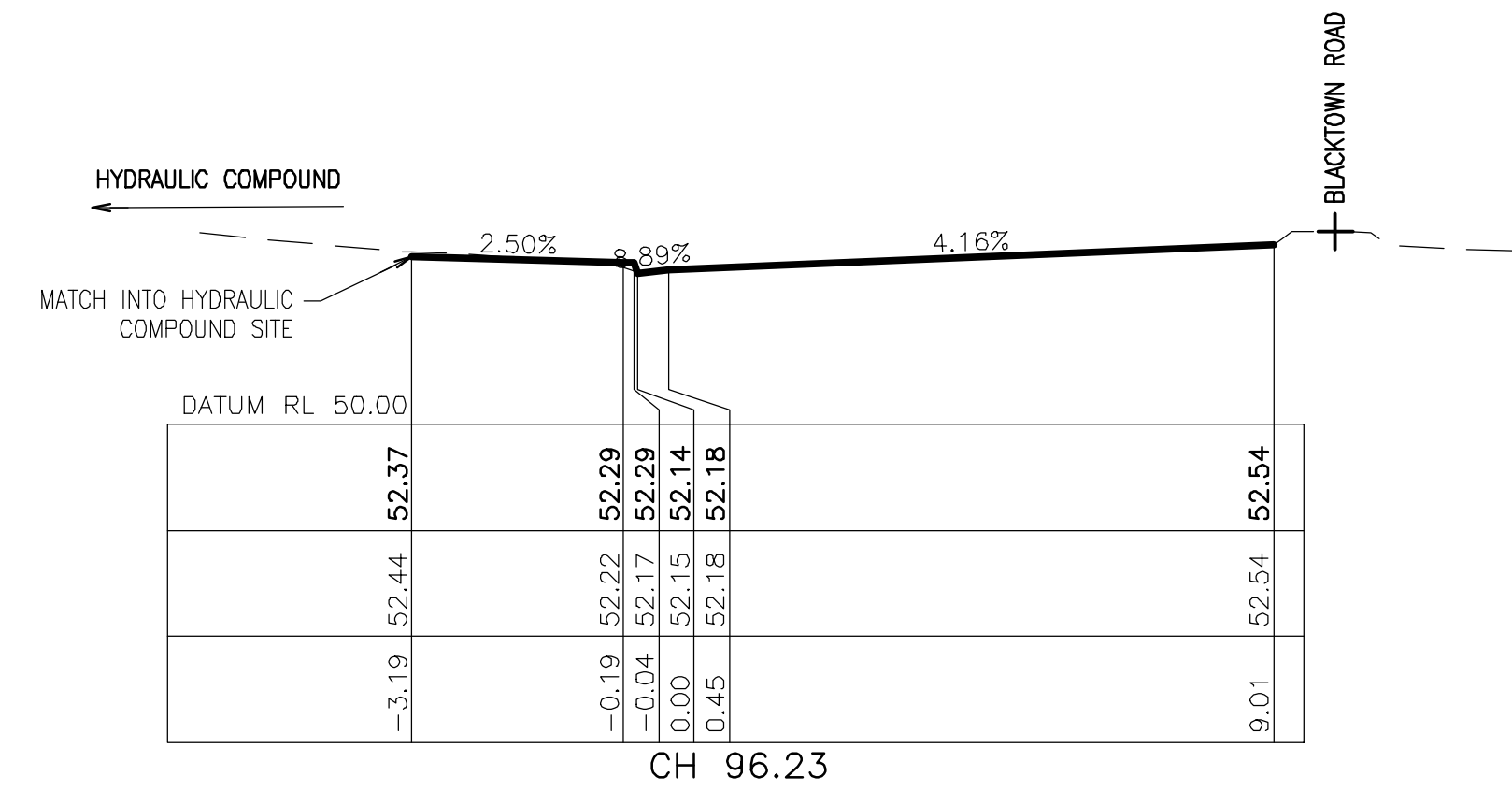
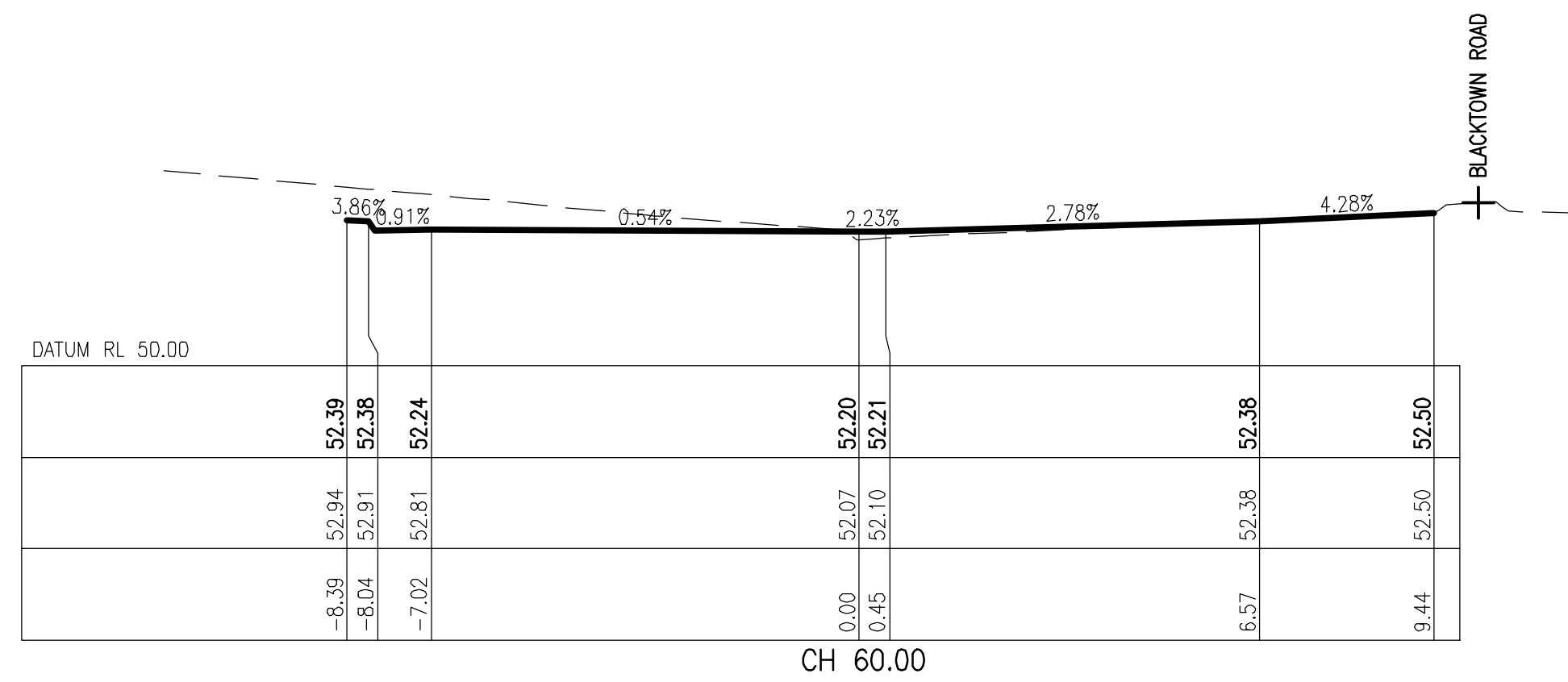
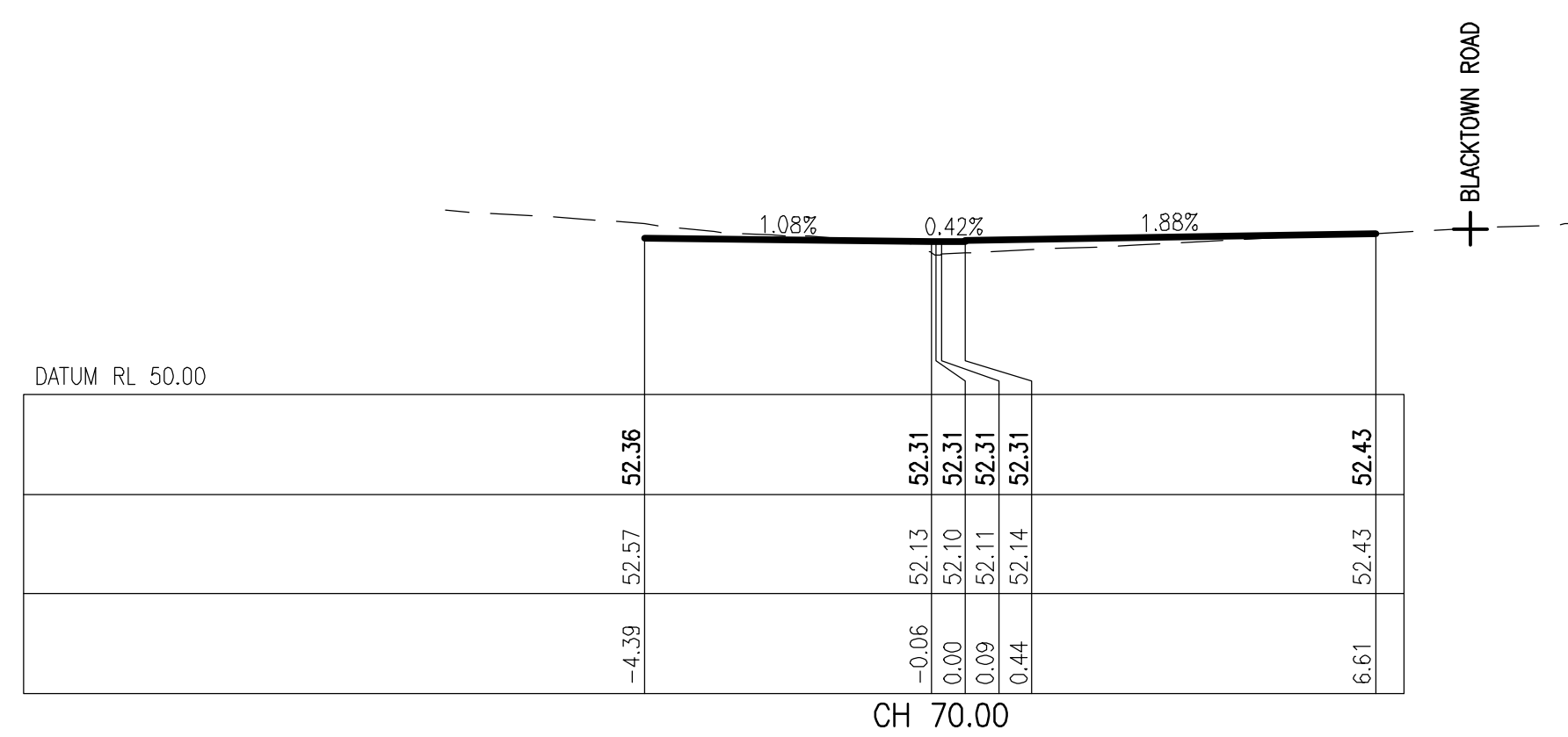
SYDNEY OFFICE
Robert Bird Group Pty Ltd
PO Box 428, Australia Square,
Sydney NSW 1215
14 Kent Street, St. Sydney NSW
Ph: (02) 8246 3200
Fax: (02) 8246 3201
Web Site: www.robert-bird.com

appian
group

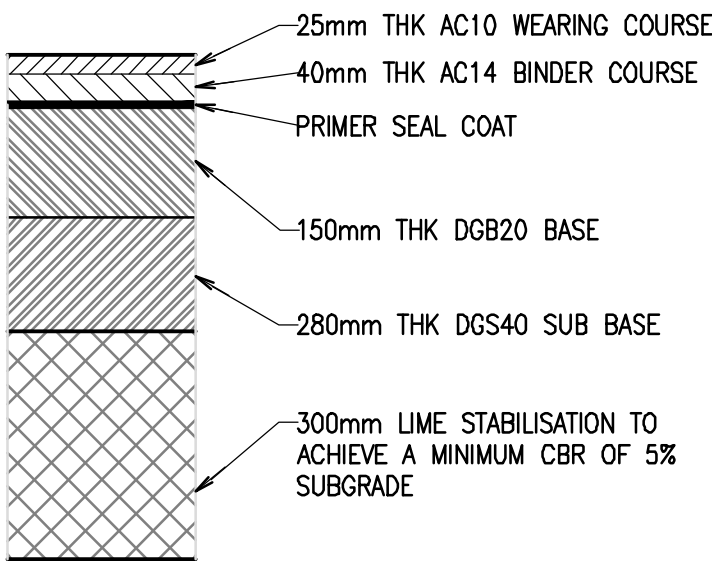
NSW
Health
Infrastructure
NSW
Health
Western Sydney
Local Health District

BLACKTOWN MT DRUITT HOSPITAL STAGE 1 EXPANSION AND
SUB ACUTE BEDS PROJECTS
BLACKTOWN CAMPUS: BLACKTOWN ROAD, NSW2148
MT DRUITT CAMPUS: 75 RAILWAY STREET, NSW2770

DRAWING TITLE
BIN-BLACKTOWN INFRASTRUCTURE
BLACKTOWN ROAD INTERSECTION
STORMWATER LAYOUT PLAN
SCALE (B1) 1:1000
PROJECT NO. NB11472
DRAWING NO. BIN-CV-DG-SK24
REVISION
B

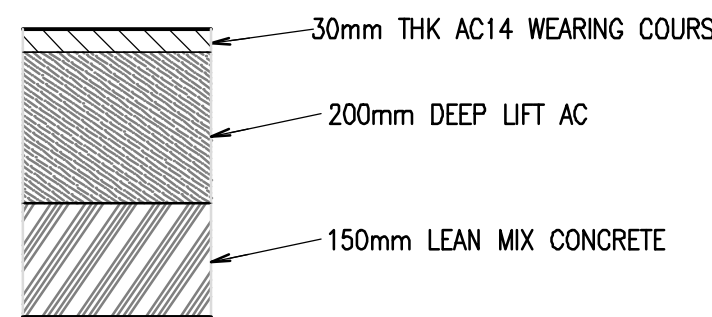


PAVEMENT DETAILS



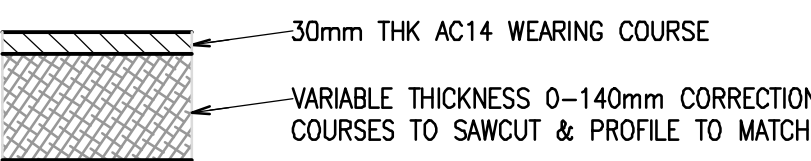
ASPHALT PAVEMENT - AP1

NOTE:
DESIGN TRAFFIC LOADING 2.0x10⁶ ESAs.
DESIGN LIFE = 40 YEARS
(ASSUMPTION TO BE CONFIRMED AND PAVEMENT DESIGN REVIEWED WITH GEOTECHNICAL ENGINEER.)

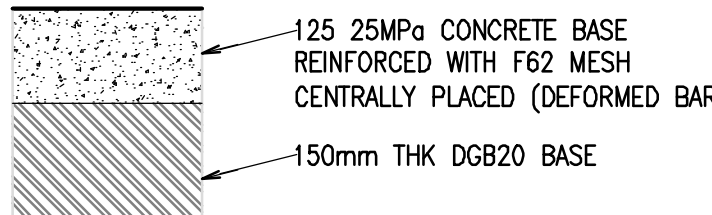


SLIP LANE PAVEMENT (TBC)

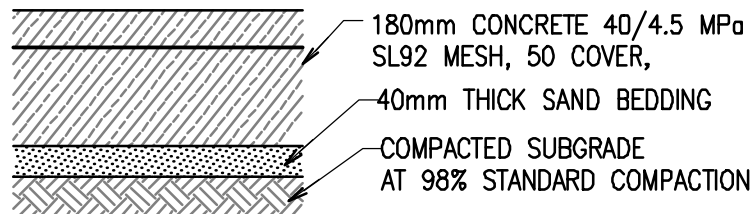
CONCRETE ENCASMENT OF TELECOMMUNICATIONS CONDUITS



RESURFACE PAVEMENT



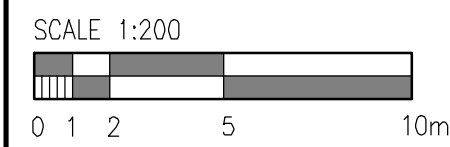
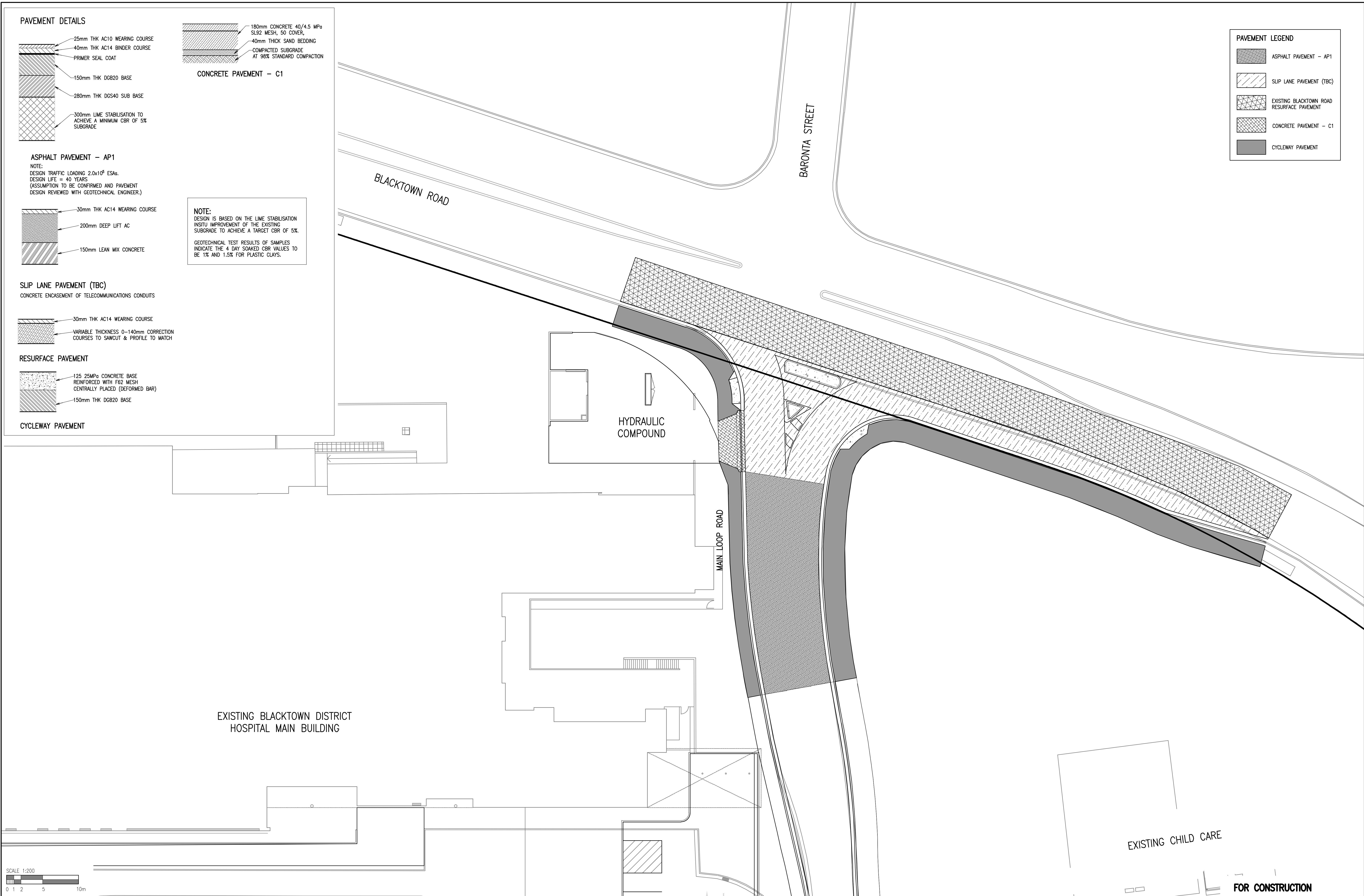
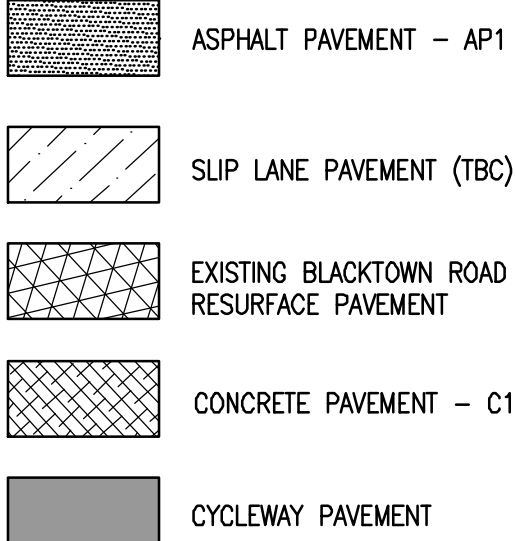
CYCLEWAY PAVEMENT



CONCRETE PAVEMENT - C1

NOTE:
DESIGN IS BASED ON THE LIME STABILISATION INSTU IMPROVEMENT OF THE EXISTING SUBGRADE TO ACHIEVE A TARGET CBR OF 5%.
GEOTECHNICAL TEST RESULTS OF SAMPLES INDICATE THE 4 DAY SOAKED CBR VALUES TO BE 1% AND 1.5% FOR PLASTIC CLAYS.

PAVEMENT LEGEND



DO NOT SCALE DRAWINGS, USE FIGURED DIMENSIONS
REFER COVER SHEET FOR NOTES UNLESS NOTED OTHERWISE

REV.	DATE	REVBY	BY	APPD BY	APPD P.DOR	ISSUES FOR INFORMATION
A	06.10.12	JH	LM			

CONSULTANT					
Date generated	Drawn	Design	L. DOR / Approved ALBANY		
	Checked				
			Principal		

CONSULTANT

Structural & Civil Engineering Consultant

SYDNEY OFFICE:
Robert Bird Group Pty Ltd
PO Box 1026, Australia Square,
Sydney NSW 1215
Level 5
7 Kent Street, St. Sydney NSW

Ph: (02) 8246 3200
Fax: (02) 8246 3201
www: www.robertbird.com

PROJECT MANAGER

PRINCIPAL

PROJECT

BLACKTOWN MT DRUITT HOSPITAL STAGE 1 EXPANSION AND SUB ACUTE BEDS PROJECTS

BLACKTOWN CAMPUS: BLACKTOWN ROAD, NSW2148
MT DRUITT CAMPUS: 75 RAILWAY STREET, NSW2770

CIVIL

DRAWING TITLE
BLACKTOWN ROAD INTERSECTION PAVEMENT LAYOUT PLAN

SCALE (B1): 1:500
PROJECT NO: NB11472

REVISION

1