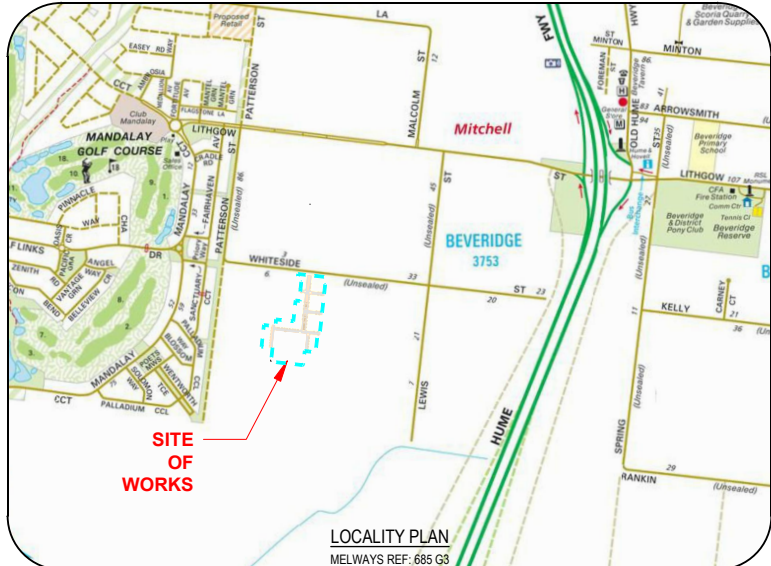


OORANYA ESTATE, STAGE 1

ROAD & DRAINAGE CONSTRUCTION PLANS

WHITESIDE STREET - BEVERIDGE



DRAWING LIST

ROAD & DRAINAGE CONSTRUCTION PLANS

S148801R01	LOCALITY PLAN & GENERAL NOTES	S148801R22	SUNFLOWER DR (RS07) LONG SECTIONS
S148801R02	OVERALL DEVELOPMENT PLAN	S148801R23-24	SUNFLOWER DR (RS07) CROSS SECTIONS (2 SHEETS)
S148801R03	EXISTING CONDITIONS & SURVEY STATION/TBMS	S148801R25	MALLEEFOWL BVD (RS08) LONG SECTIONS
S148801R04	DETAIL PLAN	S148801R26	MALLEEFOWL BVD (RS08) CROSS SECTIONS
S148801R05	CUT & FILL DEPTH RANGES & LOT LEVELS	S148801R27	POSSUM DR (RS09) LONG SECTIONS
S148801R06	SIGNAGE, LINEMARKING & TEMPORARY WORKS	S148801R28-29	POSSUM DR (RS09) CROSS SECTIONS (2 SHEETS)
S148801R07	PAVEMENT DETAILS	S148801R30	WILLOWLEAF ST (RS33) LONG SECTIONS
S148801R08-R10	INTERSECTION DETAILS (3 SHEETS)	S148801R31	WILLOWLEAF ST (RS33) CROSS SECTIONS
S148801R11-12	TYPICAL DETAILS (2 SHEETS)	S148801R32-38	DRAINAGE LONG SECTIONS (7 SHEETS)
S148801R13	ORANA BVD (RS04) LONG SECTIONS	S148801R39	PIT SCHEDULE
S148801R14-17	ORANA BVD (RS04) CROSS SECTIONS (4 SHEETS)		
S148801R18	NUMBAT DR (RS05) LONG SECTIONS		
S148801R19	NUMBAT DR (RS05) CROSS SECTIONS		
S148801R20	WARATAH ST (RS06) LONG SECTIONS		
S148801R21	WARATAH ST (RS06) CROSS SECTIONS		

S148801R22	SUNFLOWER DR (RS07) LONG SECTIONS
S148801R23-24	SUNFLOWER DR (RS07) CROSS SECTIONS (2 SHEETS)
S148801R25	MALLEEFOWL BVD (RS08) LONG SECTIONS
S148801R26	MALLEEFOWL BVD (RS08) CROSS SECTIONS
S148801R27	POSSUM DR (RS09) LONG SECTIONS
S148801R28-29	POSSUM DR (RS09) CROSS SECTIONS (2 SHEETS)
S148801R30	WILLOWLEAF ST (RS33) LONG SECTIONS
S148801R31	WILLOWLEAF ST (RS33) CROSS SECTIONS
S148801R32-38	DRAINAGE LONG SECTIONS (7 SHEETS)
S148801R39	PIT SCHEDULE

LEGEND

	EXISTING SHRUBS / TREES		PROPOSED SEWER AND MANHOLE		PROPOSED SEALED PAVEMENT
	PROPOSED STREET TREE		PROPOSED SEWER RISING MAIN		PROPOSED CRUSHED ROCK
	SHRUBS / TREES TO BE REMOVED		PROPOSED PRIVATE SEWER		PROPOSED CONCRETE FOOTPATH
	SIGN		EXISTING SEWER & MANHOLE		PROPOSED ASPHALT FOOTPATH
	TELCO PILLA		PROPOSED FUTURE SEWER		PROPOSED CONCRETE PAVEMENT (DRIVEWAY OR INFILL)
	TELCO PITS		PROPOSED WATER MAIN		PROPOSED ALTERNATE PAVEMENT
	ELECTRICITY LIGHT & POLE		PROPOSED PRIVATE WATER MAIN		PROPOSED KERB
	PROPOSED KERB & CHANNEL		PROPOSED RECYCLED WATER MAIN		PROPOSED NATURESTRIP / LANDSCAPING
	EXISTING KERBS & CHANNEL		EXISTING WATER MAIN, FIRE PLUG AND VALVE		PROPOSED LOT EARTHWORKS NO TOPSOIL
	PROPOSED DRAIN / PIT / I.S.		PROPOSED FUTURE WATER		PROPOSED OTHER
	EXISTING DRAIN / PIT		PROPOSED ELECTRICITY MAIN		PROPOSED ROCK BEACHING
	PROPOSED HOUSE DRAIN / EASEMENT CONNECTION		PROPOSED PRIVATE ELECTRICITY MAIN		PROPOSED STAGE BOUNDARY
	FUTURE DRAIN / PIT		EXISTING ELECTRICITY MAIN & PIT		OVERLAIN 1% AEP STORMWATER FLOWPATH
	FENCE LINE		PROPOSED FUTURE ELECTRICITY		UNDERGROUND DRAINAGE CATCHMENT BOUNDARY
	INVERT (DESIGN) (EXISTING)		PROPOSED GAS MAIN		DIMENSION (IN METRES UNLESS STATED OTHERWISE)
	EDGE OF SEAL / EDGE OF BITUMEN (DESIGN) (EXISTING)		PROPOSED PRIVATE GAS MAIN		LEADER / ARROW
	TOP OF BANK (DESIGN) (EXISTING)		EXISTING GAS MAIN		NS 101.95
	BOTTOM OF BANK		PROPOSED FUTURE GAS		FS 101.95
	PROPOSED TITLE BOUNDARY & SITE TITLE BOUNDARY		EXISTING GAS MAIN		TK 101.95
	PROPOSED FUTURE TITLE BOUNDARY		PROPOSED TELCO MAIN		P 101.95
	PREVIOUS STAGE TITLE BOUNDARY		PROPOSED PRIVATE TELCO MAIN		LIMIT OF WORK (OR REFER TO EXTENT OF SHADING)
	PROPOSED OR EXISTING EASEMENT		EXISTING TELCO CABLE		DIRECTION OF GRADING
	HOUSE		PROPOSED FUTURE TELCO		PERMANENT SURVEY MARK
	PROPOSED ELEC / TELSTRA CONDUIT & PIT		PROPOSED CATCH DRAIN		SURVEY STATION
	PROPOSED GAS & WATER CONDUIT		PROPOSED AG DRAIN		
	PROPOSED FLAT TOP SPEED HUMP				

GENERAL NOTES

- THE CONTRACTOR MUST NOTIFY THE RELEVANT AUTHORITY 7 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION OF THE RELEVANT WORKS.
- THE CONTRACTOR MUST OBTAIN ALL NECESSARY PERMITS FROM THE MUNICIPALITY & VICROADS FOR ANY WORKS UNDERTAKEN WITHIN AN EXISTING ROAD RESERVE PRIOR TO THE COMMENCEMENT OF WORKS.
- THE CONSULTANT HAS MADE EVERY REASONABLE ATTEMPT TO LOCATE EXISTING SERVICES AND HAS SHOWN THESE ON THE DRAWINGS. THE CONTRACTOR SHALL TAKE PHOTOGRAPHS AND PROVIDE A WRITTEN REPORT DETAILING THE CONDITION REGARDING ALL EXISTING INFRASTRUCTURE WHICH THEY ARE INTERFACING WITH, OR OTHERWISE HAVING AN IMPACT ON.
- PRIOR TO COMMENCING WORKS THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL SERVICES BY SITE SURVEY (INSPECTION AND CONSULTATION WITH ALL RELEVANT SERVING AUTHORITIES). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING SERVICES, WHETHER SHOWN OR NOT.
- THE CONTRACTOR MUST CONTACT DIAL BEFORE YOU DIG (CALL 1100), OR VISIT THE DIAL BEFORE YOU DIG WEBSITE PRIOR TO COMMENCING WORKS AND SATISFY THEMSELVES THAT THERE ARE NO SERVICES WITHIN THE VICINITY OF THE WORK AREA.
- NO WORK IS TO COMMENCE BEFORE THE CONTRACTOR HAS ASCERTAINED WHAT UNDERGROUND SERVICES ARE PRESENT.
- CONTRACTOR MUST FOLLOW THE 'NO GO ZONE' SAFETY PROCEDURES AT ALL TIMES, WHICH ARE AVAILABLE FROM ALL UTILITY AND TELECOMMUNICATIONS COMPANIES, INCLUDING THE OFFICE OF THE CHIEF ELECTRICAL INSPECTOR, THE OFFICE OF GAS SAFETY AND WORKSAFE VICTORIA.
- IF THESE SAFETY PROCEDURES CANNOT BE COMPLIED WITH THEN NO WORK IS TO BE UNDERTAKEN WITHOUT PERMISSION FROM THE UTILITY COMPANY.
- THE CONTRACTOR MUST PREPARE A PROJECT MANAGEMENT PLAN (OTHERWISE CALLED A CONSTRUCTION OR SITE MANAGEMENT PLAN) AND HAVE IT APPROVED BY BOTH COUNCIL & THE SUPERINTENDENT PRIOR TO THE COMMENCEMENT OF ANY WORKS. THIS PROJECT MANAGEMENT PLAN IS TO INCORPORATE THE FOLLOWING AT A MINIMUM AND IN ACCORDANCE WITH ANY LEGISLATION REQUIREMENTS.
 - OCCUPATIONAL HEALTH & SAFETY PROCEDURES
 - SITE STAFFING INCLUDING CONTACT DETAILS
 - TRAFFIC MANAGEMENT PLAN

CONSTRUCTION SETOUT

- ALL LEVELS ARE TO A.H.D. AND ARE REFERENCED TO THE T.B.M. INDICATED.
- COORDINATION OF THIS DESIGN USES MGA 94. CORRECT AS OF THE DATE OF THESE PLANS. FROM 1ST JANUARY 2017, MGA 2020 MAY BE IN STANDARD USE AND WILL DIFFER IN POSITION BY AROUND 1.8 METRES FROM THIS DOCUMENT.
- NO TBM CAN BE USED WITHOUT FIRST PROVING IT TO BE CORRECT TO A SECOND TBM. NO HORIZONTAL SETOUT CONTROL CAN BE USED WITHOUT FIRST PROVING IT TO BE CORRECT TO A THIRD KNOWN POINT. THE CONSULTING SURVEYOR IS TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY. TITLE PEGS AND T.B.M.'S TO BE RE-ESTABLISHED BY A LICENSED SURVEYOR IF FOUND TO BE MISSING.
- IF USING GNSS / GPS TO SETOUT FOR CONSTRUCTION PLEASE NOTE:
 - GNSS HAS REDUCED VERTICAL PRECISION COMPARED TO TRADITIONAL SURVEY METHODS.
 - ONLY USE A SINGLE POINT CALIBRATION FOR THE VERTICAL THEN TEST TO AT LEAST 1 OTHER STATION TBM BEFORE PROCEEDING.
 - IF YOU HAVE ANY QUERIES OR CONCERNS CONTACT THE CONSULTING SURVEYOR.

SITE MANAGEMENT DURING CONSTRUCTION

- THE SUPERINTENDENT IS RESPONSIBLE FOR THE DESIGN AND MANAGEMENT OF THE CONSTRUCTION WORKS. ANY PROBLEMS ARISING DURING CONSTRUCTION SHALL BE DIRECTED TO THE SUPERINTENDENT.
- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING DESIGN & CONSTRUCTION MANUAL AND ANY OTHER RELEVANT AUTHORITY SPECIFICATIONS. A COPY OF THE EDM CAN BE FOUND AT WWW.VPA.VIC.GOV.AU *IF YOU HAVE ANY ISSUES INTERPRETING THE MANUAL CONTACT THE SUPERINTENDENT.
- ALL WORKS MUST ABIDE BY THE APPROVED CONSTRUCTION MANAGEMENT PLAN AND MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION 'CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL' (PUBLICATION NO 275). APPROPRIATE SILTATION CONTROL IS TO BE CARRIED OUT DURING THE CONSTRUCTION AND MAINTENANCE PERIOD.
- BEFORE COMMENCING ANY EXCAVATION WORKS OF 1.5m DEPTH OR GREATER, THE CONTRACTOR IS REQUIRED TO SUBMIT THE REQUIRED NOTIFICATION TO WORKSAFE VICTORIA. THE NOTIFICATION MUST BE RECEIVED BY THE AUTHORITY AT LEAST THREE (3) DAYS PRIOR TO COMMENCING EXCAVATIONS. A COPY OF THE NOTIFICATION IS TO BE PROVIDED TO THE SUPERINTENDENT. THE CONTRACTOR SHALL COMPLY WITH THE MINES ACT, OCCUPATIONAL HEALTH AND SAFETY ACT, WORKSAFE VICTORIA REQUIREMENTS INCLUDING COMPLIANCE COURES.

PROTECTION OF VEGETATION

- NO WORKS ARE TO BE UNDERTAKEN WITHIN THE DRIP ZONE (CANOPY) OF AN EXISTING TREE UNLESS APPROVED BY THE RESPONSIBLE AUTHORITY.
- MACHINERY IS NOT TO BE DRIVEN OVER OR PARKED WITHIN THE DRIP ZONE OF ANY TREE.

EARTHWORKS

- ALL EARTHWORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH AS 3798 (2007) - GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS.
- ALL FILLING WITHIN AREAS OF PROPOSED ROAD PAVEMENT IS TO ACHIEVE A MINIMUM COMPACTION OF 98% STANDARD.
- ALL FILLING WITHIN OTHER AREAS IS TO ACHIEVE A MINIMUM COMPACTION OF 95% STANDARD.

ROADS AND FOOTPATHS

- ALL KERB & CHANNEL IS SM2 (EDM 302) UNLESS STATED OTHERWISE.
- ALL ASPHALT ROAD SEALS ARE TO BE 7mm TYPE 'N' UNLESS STATED OTHERWISE.
- ALL ASPHALT RADI ARE TO BACK OF KERB UNLESS STATED OTHERWISE.

STORMWATER DRAINAGE AND SERVICE CONDUIT NOTES

- ALL FOOTPATHS ARE TO BE CONSTRUCTED AS PER THE EDM SERIES 400 STANDARD DRAWINGS AND IN ACCORDANCE WITH COUNCIL STANDARDS UNLESS STATED OTHERWISE.
- ALL NEW INTERSECTIONS ARE TO HAVE STREET SIGNS INSTALLED TO COUNCIL STANDARDS IRRESPECTIVE OF WHETHER THEY ARE DETAILED ON THE ENGINEERING PLANS OR NOT.
- AT ALL TEMPORARY STAGE ROAD TERMINATIONS TO ROADS THE CONTRACTOR IS TO INSTALL A D4-HAZARD SIGN.
- ALL CONCRETE IS TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25MPa AT 28 DAYS AND MINIMUM CEMENT CONTENT OF 320 kg/m³.
- TRANSITIONS BETWEEN DIFFERENT KERB TYPES TO BE OVER 3.0m MINIMUM. IF IT CANNOT BE ACHIEVED AT A PRAM CROSSING OR DRIVEWAY CROSSOVER.
- ROAD PAVEMENT DESIGN & TESTING REQUIREMENTS ARE AS PER THE INFRASTRUCTURE CONNECTION MANUAL.
- ALL EASEMENT DRAINAGE PIPES ARE 1.0m OFFSET TITLE BOUNDARY UNLESS DIMENSIONED OTHERWISE.
- ALL EASEMENT DRAINAGE PITS ARE TO BE 1.0m PAST TITLE BOUNDARY UNLESS DIMENSIONED OTHERWISE.
- ALL PROPERTY DRAINAGE CONNECTIONS FROM ROAD RESERVES ARE TO ENTER THE PROPERTY 1.0m O/S SIDE BOUNDARY ON THE LOW SIDE WITH 0.5m COVER UNLESS NOTED OTHERWISE.
- ALL STORMWATER AND CONDUIT TRENCHES UNDER ROAD PAVEMENT, KERB & CHANNEL AND FOOTPATH SHALL BE BACKFILLED IN ACCORDANCE WITH THE EDM UNLESS STATED OTHERWISE.
- REFER TO THE CERTIFIED PLAN OF SUBDIVISION FOR ALL EASEMENT WIDTHS, DO NOT SCALE FROM DRAWING.
- STORMWATER DRAINS SHALL BE RCP OR PVC CLASS 8 UNLESS OTHERWISE SHOWN. RCP PIPES BELOW 750mm DIA SHALL BE RUBBER RING JOINTED CLASS 2. RCP PIPES ABOVE 750mm DIA SHALL BE FLUSH JOINTED CLASS 2 UNLESS SHOWN OTHERWISE.
- ALL RCP FLUSH JOINTED PIPES ARE TO HAVE EXTERNAL SEALING BANDS.
- ALL PROPOSED DRAINAGE STUBS TO BE BLANKED OFF AT END OF PIPE WITH TIMBER PLANKS TO THE SATISFACTION OF THE SUPERVISING ENGINEER.

REFER TO ELECTRICAL AND TELSTRA PLANS FOR SERVICE AND CONDUIT DETAILS

WARNING

BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE FOUND ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

TABLE OF OFFSETS FOR SERVICES

STREET	GAS		WATER		ELEC		TELCO	
	OFFSET	SIDE	OFFSET	SIDE	UG CABLE	SIDE	OFFSET	SIDE
ORANA BVD (RS04)	2.1m	EAST	3.0m, 2.55m	EAST	2.4m	WEST	1.9m	WEST
NUMBAT DR (RS05) & WARATAH ST (RS06)	2.1m	NORTH	3.0m, 2.55m	NORTH	2.4m	SOUTH	1.9m	SOUTH
WILLOWLEAF ST (RS33)	2.1m	NORTH	3.0m, 2.55m	NORTH	2.4m	SOUTH	1.9m	SOUTH
SUNFLOWER DR (RS07) (CH148.67-181.85)	2.1m	NORTH	3.0m, 2.55m	NORTH	2.4m	SOUTH	1.9m	SOUTH
SUNFLOWER DR (RS07) (CH 0-148.67)	2.1m	NORTH	3.0m, 2.55m	NORTH	1.5m	SOUTH	1.0m	SOUTH
MALLEEFOWL BVD (RS08)	2.1m	EAST	3.0m, 2.55m	EAST	1.5m	WEST	1.0m	WEST
POSSUM DR (RS09)	2.1m	WEST	3.0m, 2.55m	WEST	1.5m	EAST	1.0m	EAST

D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR	04/09/20	
C	KERB AMENDMENTS	JM	AR	15/05/20	
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	NB	20/03/20	
A	AS SUBMITTED TO COUNCIL	AR	JM	NB	12/08/19
REV	REVISION	DES	DWG	CHK	DATE



HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
ABN 11 103 336 358 WWW.TOMKINSON.COM

© COPYRIGHT
THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP SERVICES. COPYRIGHT

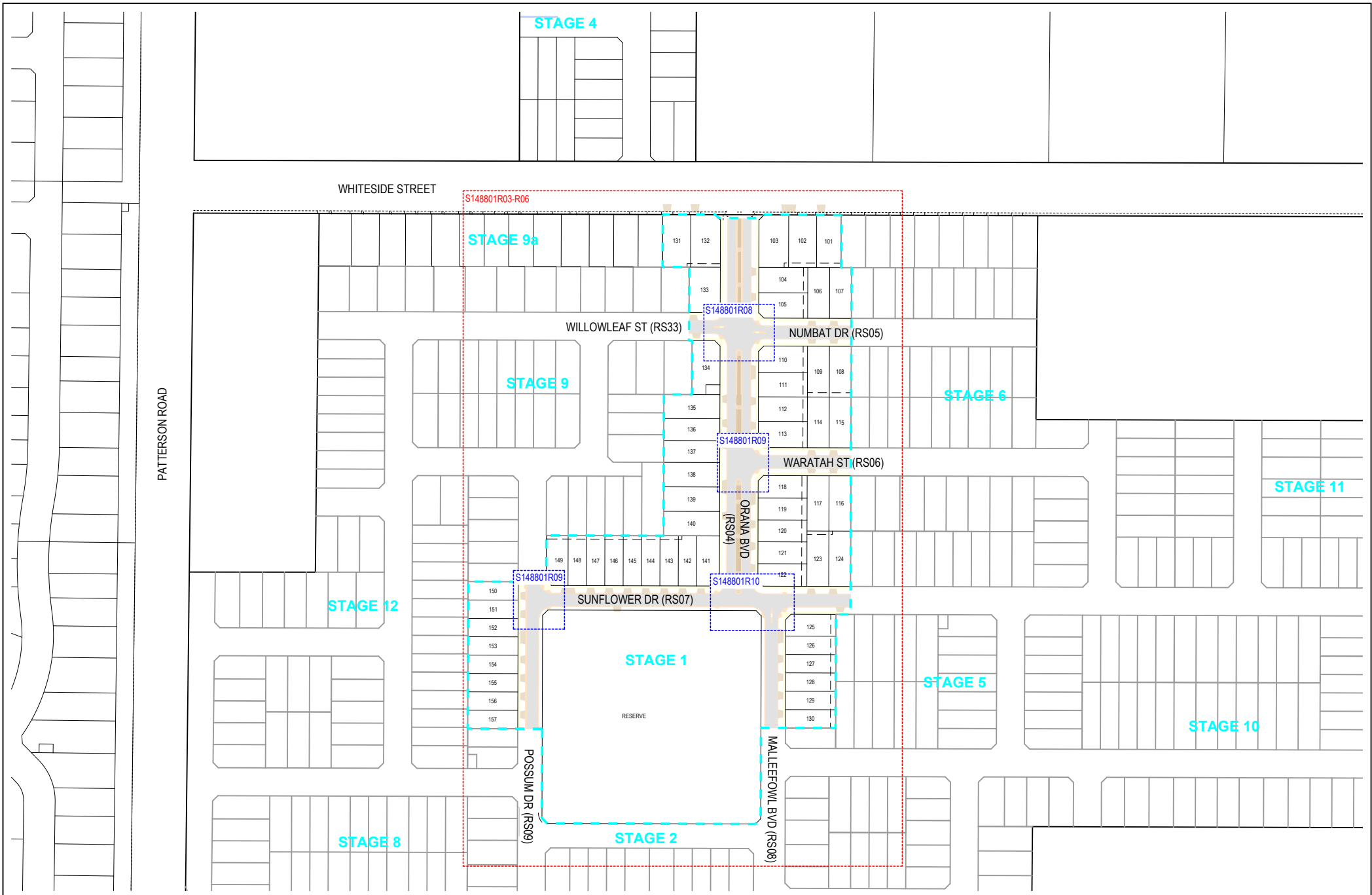
SCALE 1:1
LENGTHS ARE IN METRES - PAPER SIZE A3

PROJECT & DWG NO: S148801R01 / 39

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
ROADS & DRAINAGE CONSTRUCTION PLANS
LOCALITY PLAN & GENERAL NOTES
MITCHELL SHIRE COUNCIL #REF
THE CORCORIS GROUP DEVELOPMENTS PTY LTD

FOR CONSTRUCTION S148801R01 / 39

THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PURPOSES. THIS SHEET IS NOT TO BE USED FOR CONSTRUCTION PLANS. REVISED DATE: 10/09/2020 FILE C:\2120\DATA\TOMKINGO\212051488 - THE CORCORIS GROUP DEVELOPMENTS PTY LTD, BEVERIDGE 5 ENGINEERING DESIGN\CAD\DWG\19-148801R01.DWG



D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
 C KERB AMENDMENTS
 B AMENDMENTS AS PER COUNCIL COMMENTS
 A AS SUBMITTED TO COUNCIL

JM AR 04/09/20
 JM AR 15/05/20
 JM NB 20/03/20
 JM NB 12/08/19



Tomkinson Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM



SCALE 1:2,000
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT

ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 www.7100.com.au

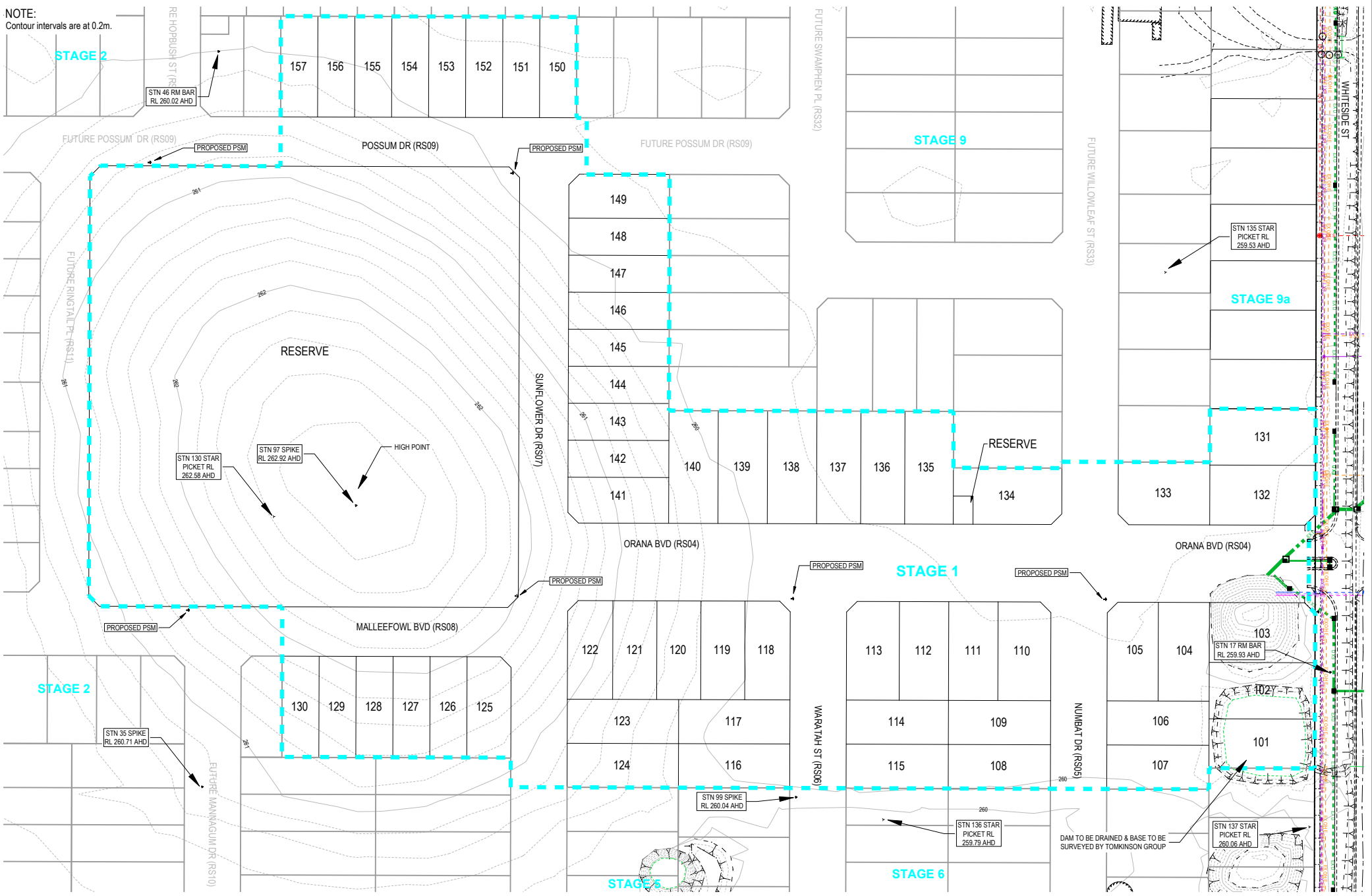
FS20488

**OORANYA ESTATE - STAGE 1
 WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 OVERALL DEVELOPMENT PLAN**

MITCHELL SHIRE COUNCIL #REF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION S148801R02 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE: C:\12\DATA\TOM\B650-1205\151488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD, BEVERIDGE, 9/ENGINEERING DESIGN\CAD\STAGE 1\5 148801 R02 CONSTRUCTION PLANS REV.DWG

NOTE:
Contour intervals are at 0.2m.



D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
 C KERB AMENDMENTS
 B AMENDMENTS AS PER COUNCIL COMMENTS
 A AS SUBMITTED TO COUNCIL

JM AR 04/09/20
 JM AR 15/05/20
 AR JM NB 20/03/20
 AR JM NB 12/08/19



Tomkinson Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM



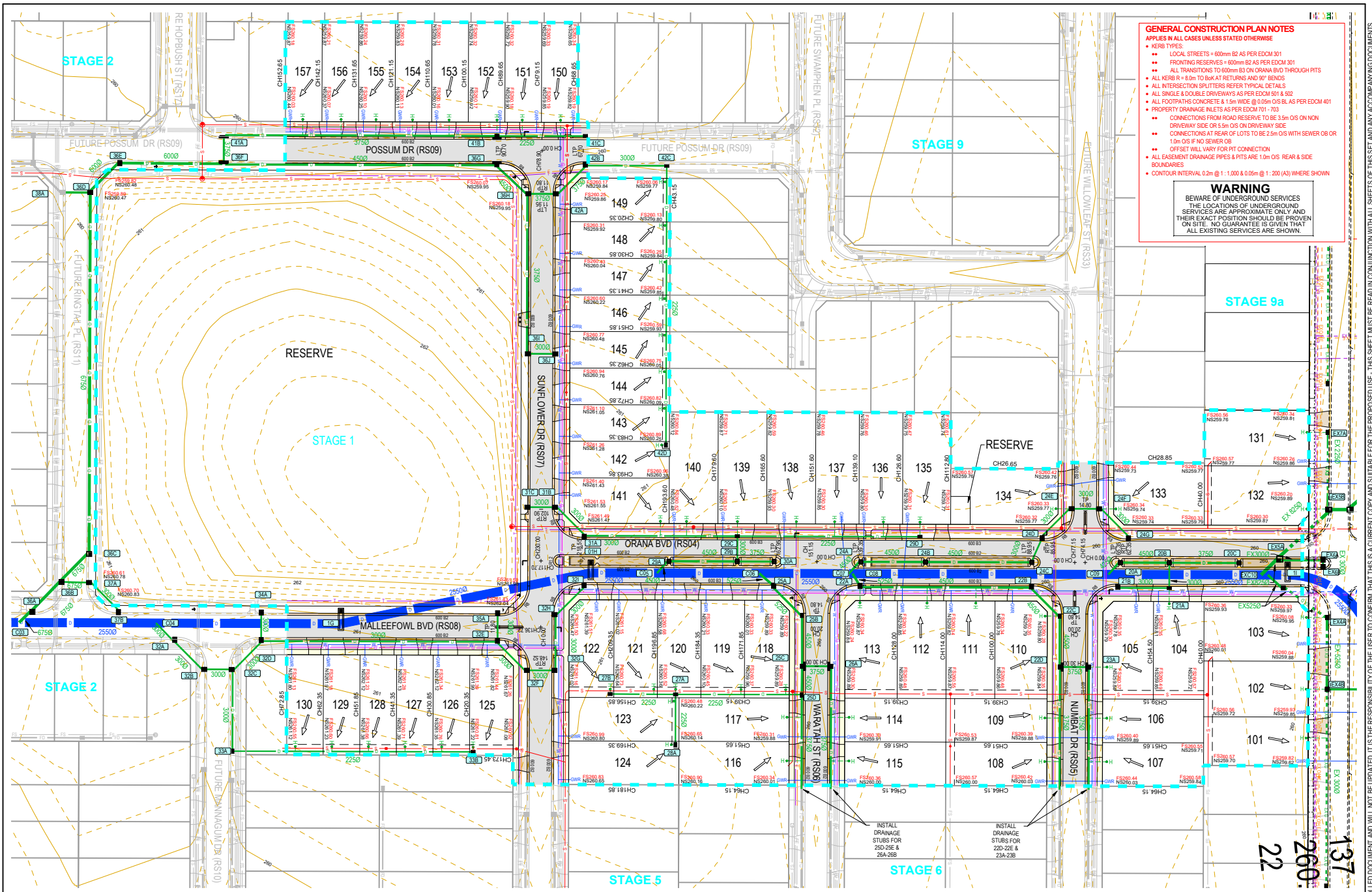
SCALE 1:1,000
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP INFRINGES COPYRIGHT.

ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 EXISTING CONDITIONS & SURVEY STATIONS/TBM'S
 MITCHELL SHIRE COUNCIL #RFP
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION S148801R03 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PROJECT DATE: 10/09/2020 FILE: C:\12\DATA\TOM\B650-1205\151488- THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE_9\ENGINEERING\DESIGN\CAD\STAGE 1\148801.R03.CONSTRUCTION PLANS REV.DWG

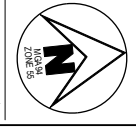


GENERAL CONSTRUCTION PLAN NOTES
 APPLIES IN ALL CASES UNLESS STATED OTHERWISE

- KERB TYPES:
 - LOCAL STREETS = 600mm B2 AS PER EDM 301
 - FRONTING RESERVES = 600mm B2 AS PER EDM 301
 - ALL TRANSITIONS TO 600mm B3 ON GRANA BVD THROUGH PITS
 - ALL KERB IS 6.0m TO 8.4m AT RETURNS AND 90° BENDS
- ALL INTERSECTION SPLITTERS REFER TYPICAL DETAILS
- ALL SINGLE & DOUBLE DRIVEWAYS AS PER EDM 501 & 502
- ALL FOOTPATHS CONCRETE & 1.5m WIDE @ 0.05m OS BL AS PER EDM 401
- PROPERTY DRAINAGE INLETS AS PER EDM 701 - 703
- CONNECTIONS FROM ROAD RESERVE TO BE 3.5m OS ON NON DRIVEWAY SIDE OR 5.5m OS ON DRIVEWAY SIDE
- CONNECTIONS AT REAR OF LOTS TO BE 25m OS WITH SEWER OR OR 1.0m OS IF NO SEWER OR
- OFFSET WILL VARY FOR PIT CONNECTION
- ALL EASEMENT DRAINAGE PIPES & PITS ARE 1.0m OS REAR & SIDE BOUNDARIES
- CONTOUR INTERVAL 0.2m @ 1:1,000 & 0.05m @ 1:200 (AS) WHERE SHOWN

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR	04/09/20	
C	KERB AMENDMENTS	JM	AR	15/05/20	
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	NB	20/03/20	
A	AS SUBMITTED TO COUNCIL	AR	JM	NB	12/08/19
REV	REVISION	DES	DWG	CHK	DATE



Tomkinson Group

HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

OORANYA ESTATE

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT

SCALE 1:1,000
 LENGTHS ARE IN METRES - PAPER SIZE A3

10 20 30 40 50 60

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT

ISO 9001:2015
 Quality Management

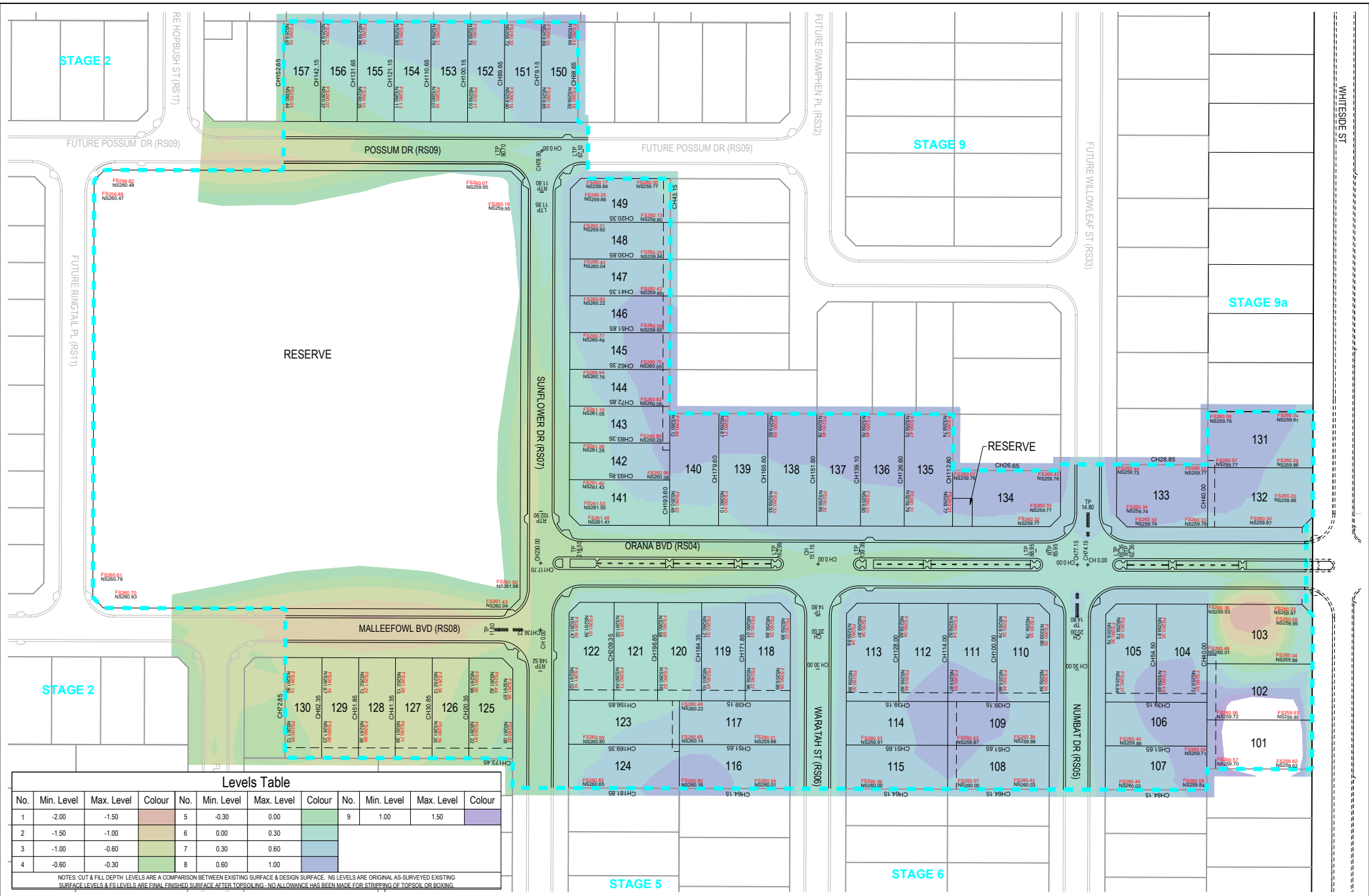
DUAL BEFORE YOU DIG
 www.1700.com.au

FSS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
DETAIL PLAN

MITCHELL SHIRE COUNCIL #REF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG NO: REV:
FOR CONSTRUCTION S148801R04 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS.
 PLOT DATE: 10/09/2020 FILE: C:\12\DATA\TOM\650-1205\15488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD, BEVERIDGE, 9\ENGINEERING\DESIGN\CAD\STAGE 1\148801.RBD, CONSTRUCTION PLANS REV.DWG



Levels Table

No.	Min. Level	Max. Level	Colour	No.	Min. Level	Max. Level	Colour	No.	Min. Level	Max. Level	Colour
1	-2.00	-1.50	Red	5	-0.30	0.00	Green	9	1.00	1.50	Purple
2	-1.50	-1.00	Orange	6	0.00	0.30	Light Green				
3	-1.00	-0.60	Yellow	7	0.30	0.60	Light Yellow				
4	-0.60	-0.30	Light Green	8	0.60	1.00	Light Blue				

NOTES: CUT & FILL DEPTH LEVELS ARE A COMPARISON BETWEEN EXISTING SURFACE & DESIGN SURFACE. NS LEVELS ARE ORIGINAL AS-SURVEYED EXISTING SURFACE LEVELS & FS LEVELS ARE FINAL FINISHED SURFACE AFTER TOPSOILING. NO ALLOWANCE HAS BEEN MADE FOR STRIPPING OF TOPSOIL OR BOXING.

- D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
- C KERB AMENDMENTS
- B AMENDMENTS AS PER COUNCIL COMMENTS
- A AS SUBMITTED TO COUNCIL

DESIGN REVISIONS:
 JM AR 04/09/20
 JM AR 15/05/20
 JM NB 20/03/20
 JM NB 12/08/19



Tomkinson Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM



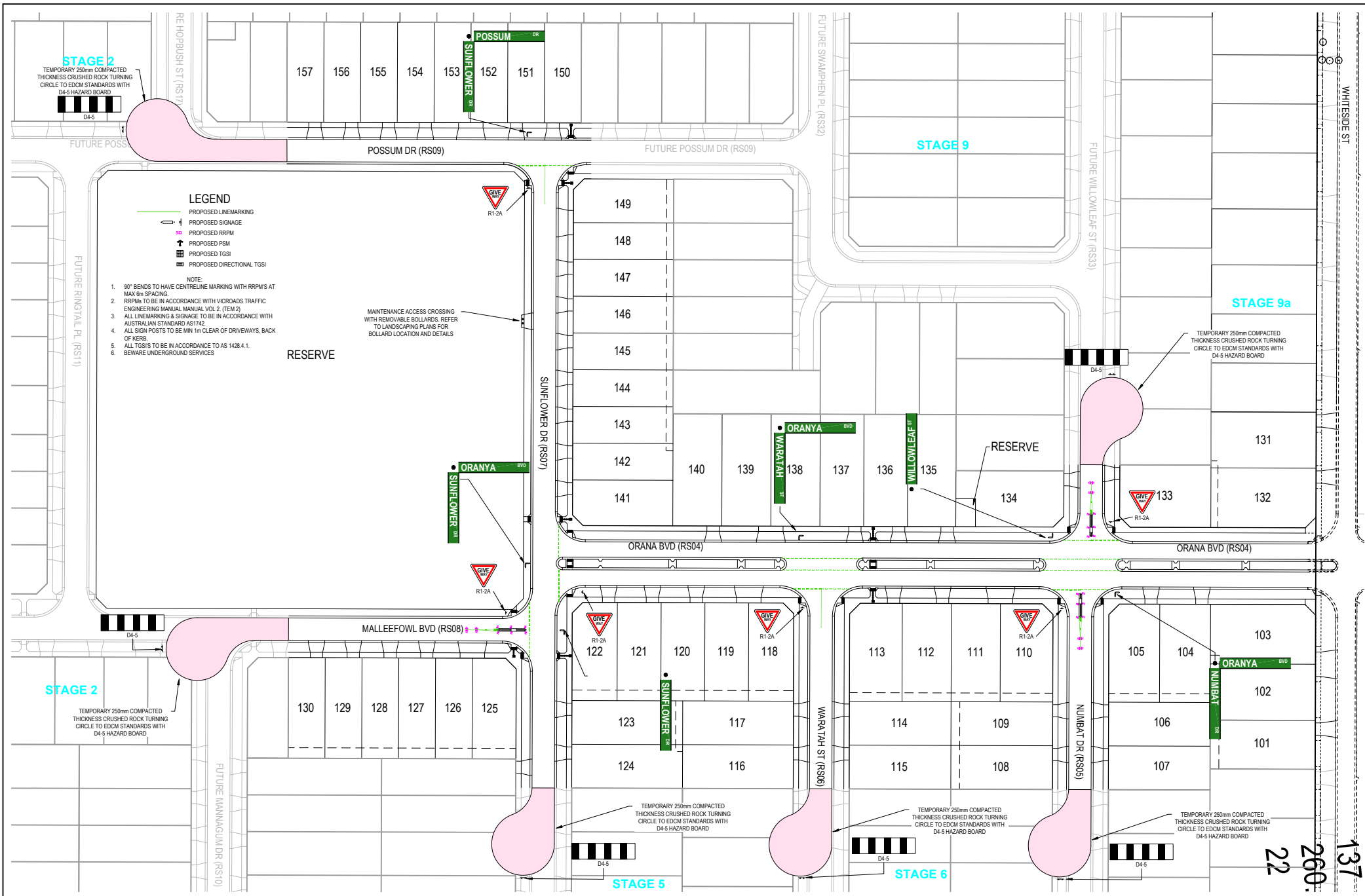
SCALE 1:1,000
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR REPRODUCING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT

ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 CUT & FILL DEPTH RANGES & LOT LEVELS
 MITCHELL SHIRE COUNCIL REF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV: **FOR CONSTRUCTION** S148801R05 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE: C:\12\DATA\TOM\MB650-1205\1514881 - THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE_9\ENGINEERING\DESIGN\CAD\STAGE 1\148801.R05.CONSTRUCTION PLANS REV.DWG



D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR	04/09/20	
C	KERB AMENDMENTS	JM	AR	15/05/20	
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	JM	NJB	20/03/20
A	AS SUBMITTED TO COUNCIL	AR	JM	NJB	12/08/19
REV	REVISION	DES	DWG	CHK	DATE



Tomkinson Group

HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM



SCALE 1:1,000
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT

ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS20488

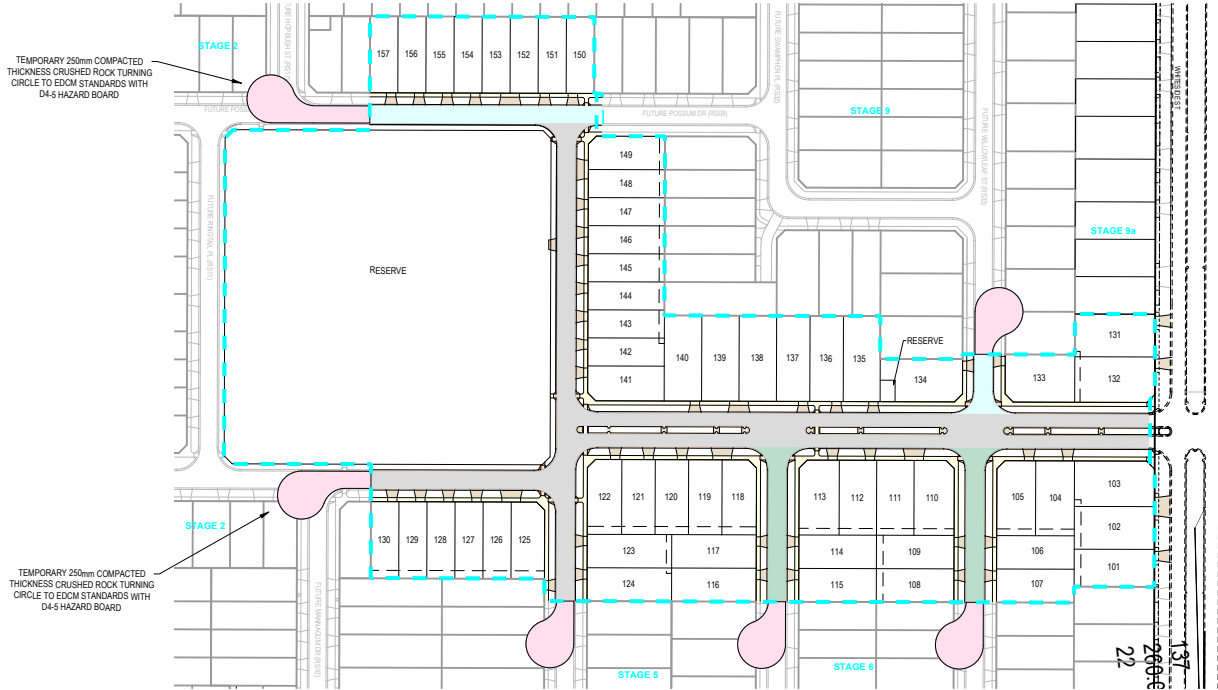
OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 SIGNAGE, LINEMARKING & TEMPORARY WORKS
 MITCHELL SHIRE COUNCIL #REF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION S148801R06 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE: C:\12\DATA\TOM\18650-1205\151488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE_9\ENGINEERING\DESIGN\CAD\STAGE_1\148801R06.DWG

CONCRETE STD SINGLE & DOUBLE DRIVEWAY PAVEMENT DETAILS (EDCM 501 - 502)		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 SURFACE FINISH		BROOMED FINISH & TOOLED JOINTS. FINISHED SURFACE TO COMPLY WITH AS 4886 - SLIP RESISTANT CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS
2 CONCRETE	125	CONCRETE 32MPa WITH SL/2 TOP REINFORCEMENT WITH 50mm MIN. COVER
3 BASE	50	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE 3 BELOW)
4 SUBGRADE		SUBGRADE PREPARATION (SEE NOTE G BELOW). SUBGRADE IMPROVEMENT AS DIRECTED BY SUPERINTENDENT

CONCRETE FOOTPATH & SHARED PATH PAVEMENT DETAILS (EDCM 401)		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 SURFACE FINISH		BROOMED FINISH & TOOLED JOINTS. FINISHED SURFACE TO COMPLY WITH AS 4886 - SLIP RESISTANT CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS
2 CONCRETE	125	CONCRETE 32MPa WITH SL/2 TOP REINFORCEMENT WITH 50mm MIN. COVER
3 BASE	50	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE 3 BELOW)
4 SUBGRADE		SUBGRADE PREPARATION (SEE NOTE G BELOW). SUBGRADE IMPROVEMENT AS DIRECTED BY SUPERINTENDENT

TEMPORARY TURNING CIRCLE PAVEMENT		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 BASE COURSE	250	20mm NOM. SIZE CLASS 2 FINE CRUSHED ROCK



PAVEMENT DESIGN TO BE READ IN CONJUNCTION WITH GTS REPORT 20C 0008-2

- PAVEMENT NOTES:**
- PAVEMENT DESIGNS PRODUCED IN ACCORDANCE WITH GTS REPORT 20C 0008-2
 - PAVEMENT BASE COURSES ARE TO BE COMPACTED TO A MINIMUM DENSITY RATIO OF 98% MODIFIED MAXIMUM DRY DENSITY (MMD).
 - UPPER PAVEMENT SUBBASE COURSE TO BE COMPACTED TO A MINIMUM DRY DENSITY RATIO OF 96% MMD.
 - LOWER PAVEMENT SUBBASE COURSE TO BE COMPACTED TO A MINIMUM DRY DENSITY RATIO OF 95% MMD.
 - THE CAPPING LAYER SHALL BE COMPACTED TO A MINIMUM DRY DENSITY RATIO OF 98% STANDARD AND EXTEND 1.0m BEHIND BACK OF KERB.
 - PAVEMENT LAYERS SHOULD BE PLACED AND COMPACTED IN LAYERS NOT EXCEEDING 200mm THICKNESS.
 - SUBGRADE PREPARATION AND ENGINEERED FILL CONSTRUCTION (PAVEMENTS) TO BE IN ACCORDANCE WITH RELEVANT STANDARDS.
 - WHEN PAVEMENT EXCAVATION IS IN ROCK, ALL LOOSE MATERIAL (INCL. ROCK & CLAY) MUST BE REMOVED. THE SUBGRADE MUST THEN BE REGULATED WITH COUNCIL APPROVED MATERIAL.
 - PRIOR TO PLACEMENT OF THE FILL MATERIAL UNDER NEW PAVEMENT, APPROVAL OF THE MATERIAL TO BE USED MUST BE OBTAINED FROM COUNCIL.
 - ALL SUBSURFACE DRAINS TO BE CONSTRUCTED AS PER STANDARD DRAWING EDM 202 FOR EXPANSIVE SUBGRADES.
 - IN THE CASE OF ANY PAVEMENT DESIGN CONFLICTS, GTS REPORT 20C 0008-2 WILL TAKE PRECEDENCE.

620mm DEPTH ACCESS STREET 2 PAVEMENT		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 ASPHALT	40	TYPE N ASPHALT
2 BITUMEN CRUMB RUBBER ASPHALT	40	SIZE 10 ASPHALT
3 SAMI SEAL 1 BITUMINOUS PRIME		SAMI SEAL (10mm) - S1BRF (APPLICATION RATE OF GREATER THAN OR EQUAL TO 1.8 LITRES/m ² BITUMINOUS PRIME (UNDER SAMI SEAL)
4 BASE COURSE	120	20mm NOM. SIZE CLASS 2 FINE CRUSHED ROCK (SEE NOTE B ABOVE)
5 UPPER SUBBASE COURSE	160	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE C ABOVE)
6 LOWER SUBBASE COURSE	110	40mm NOM. SIZE CLASS 4 CRUSHED ROCK (SEE NOTE D ABOVE)
7 CAPPING LAYER	150	CONTINUATION OF LOWER SUBBASE COURSE OR EXISTING SUBGRADE MATERIAL STABILISED WITH 3% LIME BY MASS (SEE NOTE E ABOVE)
8 SUBGRADE		

570mm DEPTH ACCESS STREET 1 PAVEMENT		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 ASPHALT	30	TYPE N ASPHALT
2 BITUMEN CRUMB RUBBER ASPHALT	30	SIZE 10 ASPHALT
3 SAMI SEAL 1 BITUMINOUS PRIME		SAMI SEAL (10mm) - S1BRF (APPLICATION RATE OF GREATER THAN OR EQUAL TO 1.8 LITRES/m ² BITUMINOUS PRIME (UNDER SAMI SEAL)
4 BASE COURSE	130	20mm NOM. SIZE CLASS 2 FINE CRUSHED ROCK (SEE NOTE B BELOW)
5 UPPER SUBBASE COURSE	130	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE C BELOW)
6 LOWER SUBBASE COURSE	100	40mm NOM. SIZE CLASS 4 CRUSHED ROCK (SEE NOTE D ABOVE)
7 CAPPING LAYER	150	CONTINUATION OF LOWER SUBBASE COURSE OR EXISTING SUBGRADE MATERIAL STABILISED WITH 3% LIME BY MASS (SEE NOTE E ABOVE)
8 SUBGRADE		

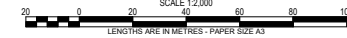
440mm DEPTH ACCESS STREET PAVEMENT		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 ASPHALT	20	TYPE L ASPHALT
2 BITUMEN CRUMB RUBBER ASPHALT	30	SIZE 10 ASPHALT
3 SAMI SEAL 1 BITUMINOUS PRIME		SAMI SEAL (10mm) - S1BRF (APPLICATION RATE OF GREATER THAN OR EQUAL TO 1.8 LITRES/m ² BITUMINOUS PRIME (UNDER SAMI SEAL)
4 BASE COURSE	140	20mm NOM. SIZE CLASS 2 FINE CRUSHED ROCK (SEE NOTE B BELOW)
5 SUBBASE COURSE	100	20mm NOM. SIZE CLASS 3 CRUSHED ROCK (SEE NOTE D ABOVE)
7 CAPPING LAYER	150	CONTINUATION OF LOWER SUBBASE COURSE OR EXISTING SUBGRADE MATERIAL STABILISED WITH 3% LIME BY MASS (SEE NOTE E ABOVE)
8 SUBGRADE		

- D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
 C KERB AMENDMENTS
 B AMENDMENTS AS PER COUNCIL COMMENTS
 A AS SUBMITTED TO COUNCIL

JM AR 04/09/20
 JM AR 15/05/20
 AR JM NB 20/03/20
 AR JM NB 12/08/19



HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM



© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR REPRODUCING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT



OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 PAVEMENT DETAILS

MITCHELL SHIRE COUNCIL #RFB
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD

FOR CONSTRUCTION S148801R07 / 39 D

DESIGN LIP OF KERB	200.01	200.02	200.03	200.04	200.05	200.06	200.07	200.08	200.09
DESIGN LIP OF KERB	200.18	200.15	200.12	200.09	200.06	200.03	200.00	200.07	200.09
DESIGN BACK OF KERB	200.18	200.15	200.12	200.09	200.06	200.03	200.00	200.07	200.09
EXISTING SURFACE	200.18	200.15	200.12	200.09	200.06	200.03	200.00	200.07	200.09
CHAINAGE	0.00	2.00	4.00	6.00	8.00	10.00	12.00	13.51	200.09

RSK0433SL
SCALE 1:250 V1:50

GENERAL CONSTRUCTION PLAN NOTES

APPLIES IN ALL CASES UNLESS STATED OTHERWISE

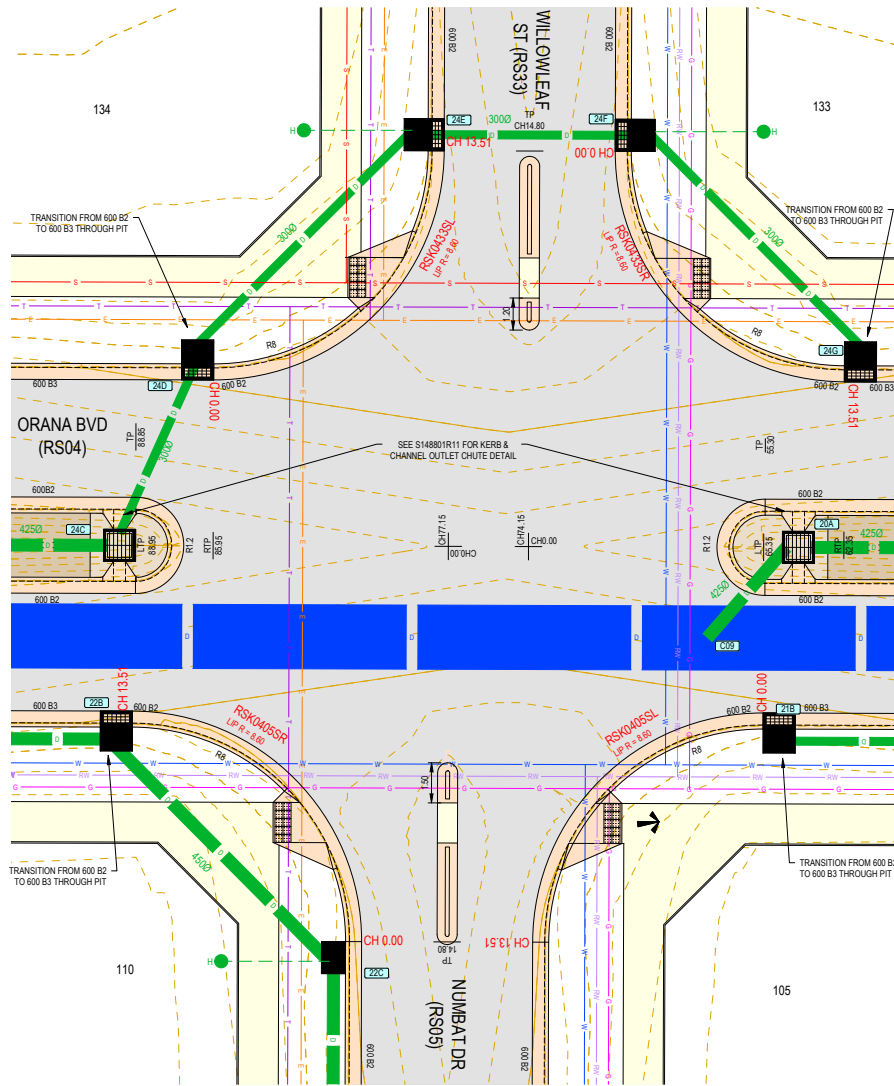
- KERB TYPES:
 - LOCAL STREETS = 600mm B2 AS PER EDM 301
 - FRONTING RESERVES = 600mm B2 AS PER EDM 301
 - ALL TRANSITIONS TO 600mm B3 ON ORANA BVD THROUGH PITS
 - ALL KERB R = 8.0m TO BOK AT RETURNS AND 90° BENDS
 - ALL INTERSECTION SPLITTERS REFER TYPICAL DETAILS
 - ALL SINGLE & DOUBLE DRIVEWAYS AS PER EDM 501 & 502
 - ALL FOOTPATHS CONCRETE & 1.5m WIDE @ 0.05m O/S SL AS PER EDM 401
 - PROPERTY DRAINAGE INLETS AS PER EDM 701 - 703
 - CONNECTIONS FROM ROAD RESERVE TO BE 3.5m O/S ON NON DRIVEWAY SIDE OR 5.5m O/S ON DRIVEWAY SIDE
 - CONNECTIONS AT REAR OF LOTS TO BE 2.5m O/S WITH SEWER OR 1.0m O/S IF NO SEWER OR
 - OFFSET WILL VARY FOR PIT CONNECTION
 - ALL EASEMENT DRAINAGE PIPES & PITS ARE 1.0m O/S REAR & SIDE BOUNDARIES
 - CONTOUR INTERVAL 0.2m @ 1:1,000 & 0.05m @ 1:200 (A3) WHERE SHOWN

WARNING

BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

DESIGN LIP OF KERB	200.02	200.03	200.04	200.05	200.06	200.07	200.08	200.09	200.10
DESIGN LIP OF KERB	200.13	200.14	200.15	200.16	200.17	200.18	200.19	200.20	200.21
DESIGN BACK OF KERB	200.13	200.14	200.15	200.16	200.17	200.18	200.19	200.20	200.21
EXISTING SURFACE	200.13	200.14	200.15	200.16	200.17	200.18	200.19	200.20	200.21
CHAINAGE	0.00	2.00	4.00	6.00	8.00	10.00	12.00	13.51	200.10

RSK0405SR
SCALE 1:250 V1:50



DESIGN LIP OF KERB	200.09	200.08	200.07	200.06	200.05	200.04	200.03	200.02	200.01
DESIGN LIP OF KERB	200.19	200.18	200.17	200.16	200.15	200.14	200.13	200.12	200.11
DESIGN BACK OF KERB	200.19	200.18	200.17	200.16	200.15	200.14	200.13	200.12	200.11
EXISTING SURFACE	200.19	200.18	200.17	200.16	200.15	200.14	200.13	200.12	200.11
CHAINAGE	0.00	2.00	4.00	6.00	8.00	10.00	12.00	13.51	200.01

RSK0433SR
SCALE 1:250 V1:50

DESIGN LIP OF KERB	200.02	200.03	200.04	200.05	200.06	200.07	200.08	200.09	200.10
DESIGN LIP OF KERB	200.13	200.14	200.15	200.16	200.17	200.18	200.19	200.20	200.21
DESIGN BACK OF KERB	200.13	200.14	200.15	200.16	200.17	200.18	200.19	200.20	200.21
EXISTING SURFACE	200.13	200.14	200.15	200.16	200.17	200.18	200.19	200.20	200.21
CHAINAGE	0.00	2.00	4.00	6.00	8.00	10.00	12.00	13.51	200.10

RSK0405SL
SCALE 1:250 V1:50

REV	REVISION	DES	DWG	CHK	DATE
D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR		04/09/20
C	KERB AMENDMENTS	JM	AR		15/05/20
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	JM	NB	20/03/20
A	AS SUBMITTED TO COUNCIL	AR	JM	NB	12/08/19



Tomkinson Group
HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
ABN 11 103 336 358 WWW.TOMKINSON.COM



SCALE 1:200
LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR REPRODUCING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
COPYRIGHT

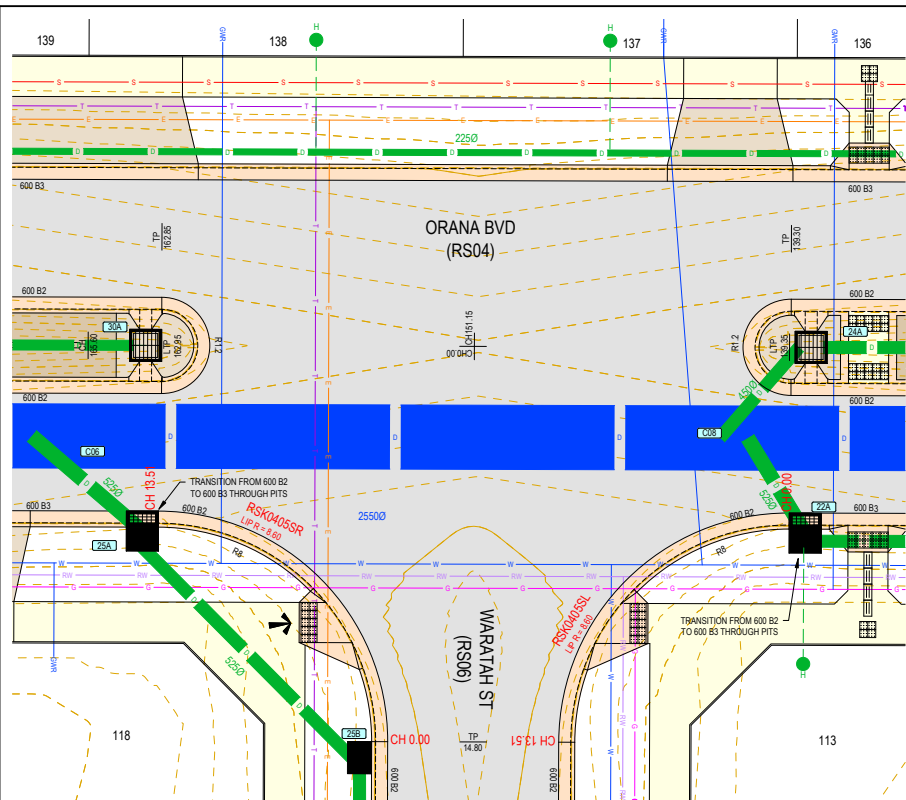
ISO 9001:2015
Quality Management

DUAL BEFORE YOU DIG
www.7100.com.au

FS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
ROADS & DRAINAGE CONSTRUCTION PLANS
INTERSECTIONS DETAILS (1/3)
MITCHELL SHIRE COUNCIL A/RF
THE CORCORIS GROUP DEVELOPMENTS PTY LTD
DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION S148801R08 / 39 D

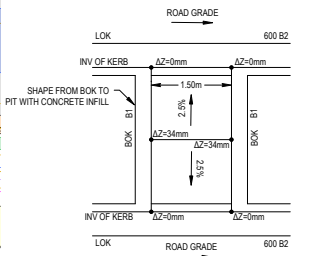
NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE C:\12\DATA\OAM650-1205\15488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD, BEVERIDGE, 9\ENGINEERING\DESIGN\CAD\STAGE 1\148801R08.CONSTRUCTION PLANS REV.DWG



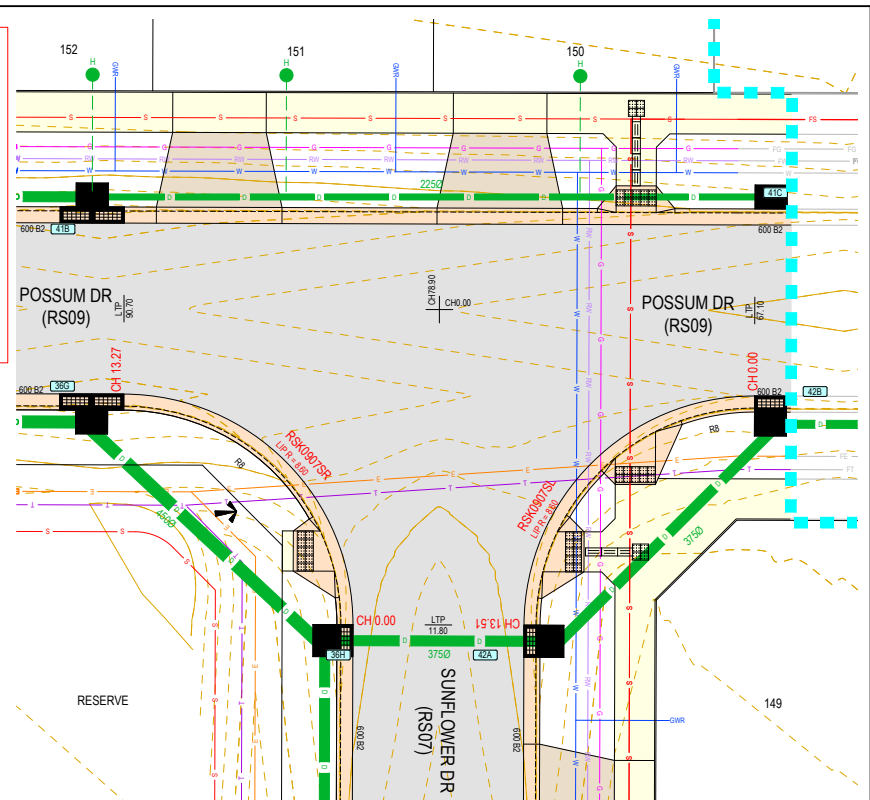
GENERAL CONSTRUCTION PLAN NOTES
 APPLIES IN ALL CASES UNLESS STATED OTHERWISE

- KERB TYPES:
 - LOCAL STREETS = 600mm B2 AS PER EDM 301
 - FRONTING RESERVES = 600mm B2 AS PER EDM 301
 - ALL TRANSITIONS TO 600mm B3 ON ORANA BVD THROUGH PITS
 - ALL KERB R = 8.0m TO BOK AT RETURNS AND 90° BENDS
 - ALL INTERSECTION SPLITTERS REFER TYPICAL DETAILS
 - ALL SINGLE & DOUBLE DRIVEWAYS AS PER EDM 001 & 002
 - ALL FOOTPATHS CONCRETE & 1.5m WIDE @ 0.05m O/S BL AS PER EDM 401
- PROPERTY DRAINAGE INLETS AS PER EDM 701 - 703
 - CONNECTIONS FROM ROAD RESERVE TO BE 3.5m O/S ON NON DRIVEWAY SIDE OR 5.5m O/S ON DRIVEWAY SIDE
 - CONNECTIONS AT REAR OF LOTS TO BE 2.5m O/S WITH SEWER OR 1.0m O/S IF NO SEWER OR
 - OFFSET WILL VARY FOR PIT CONNECTION
- ALL BASEMENT DRAINAGE PIPES & PITS ARE 1.0m O/S REAR & SIDE BOUNDARIES
- CONTOUR INTERVAL 0.2m @ 1:1,000 & 0.05m @ 1:200 (A3) WHERE SHOWN

WARNING
 BEWARE OF UNDERGROUND SERVICES
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.



TYPICAL MEDIAN FOOTPATH CROSSING
 SCALE 1:100



RSK0406SR
 SCALE 1:250 V 1:50

DESIGN LIP OF KERB	0.5%						
HORIZ. GEOMETRY	8.8m HC						
DATUM RL 258.0							
DESIGN LIP OF KERB	200.11	200.08	200.05	200.02	200.00	200.00	200.00
DESIGN BACK OF KERB	200.07	200.04	200.01	200.00	200.00	200.00	200.00
EXISTING SURFACE	200.00	200.00	200.00	200.00	200.00	200.00	200.00
CHAINAGE	0.00	2.00	4.00	6.00	8.00	10.00	12.00

RSK0406SL
 SCALE 1:250 V 1:50

DESIGN LIP OF KERB	0.5%						
HORIZ. GEOMETRY	8.8m HC						
DATUM RL 258.0							
DESIGN LIP OF KERB	200.11	200.08	200.05	200.02	200.00	200.00	200.00
DESIGN BACK OF KERB	200.07	200.04	200.01	200.00	200.00	200.00	200.00
EXISTING SURFACE	200.00	200.00	200.00	200.00	200.00	200.00	200.00
CHAINAGE	0.00	2.00	4.00	6.00	8.00	10.00	12.00

RSK0907SR
 SCALE 1:250 V 1:50

DESIGN LIP OF KERB	-0.54%						
HORIZ. GEOMETRY	8.8m HC						
DATUM RL 258.0							
DESIGN LIP OF KERB	200.00	200.00	200.00	200.00	200.00	200.00	200.00
DESIGN BACK OF KERB	200.00	200.00	200.00	200.00	200.00	200.00	200.00
EXISTING SURFACE	200.00	200.00	200.00	200.00	200.00	200.00	200.00
CHAINAGE	0.00	2.00	4.00	6.00	8.00	10.00	12.00

RSK0907SL
 SCALE 1:250 V 1:50

DESIGN LIP OF KERB	0.54%						
HORIZ. GEOMETRY	8.8m HC						
DATUM RL 258.0							
DESIGN LIP OF KERB	200.00	200.00	200.00	200.00	200.00	200.00	200.00
DESIGN BACK OF KERB	200.00	200.00	200.00	200.00	200.00	200.00	200.00
EXISTING SURFACE	200.00	200.00	200.00	200.00	200.00	200.00	200.00
CHAINAGE	0.00	2.00	4.00	6.00	8.00	10.00	12.00

D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
 C KERB AMENDMENTS
 B AMENDMENTS AS PER COUNCIL COMMENTS
 A AS SUBMITTED TO COUNCIL

REVISION

DESIGNER	JM	AR	04/09/20	
CHECKER	JM	AR	15/05/20	
APPROVED	AR	NB	20/03/20	
DATE	AR	JM	NB	12/08/19

DESIGNER: JM
 CHECKER: AR
 APPROVED: AR, NB
 DATE: 12/08/19



SCALE 1:200
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR REPRODUCING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP IS PROHIBITED.

ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 PROJECT & DWG NO: RS200488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 INTERSECTION DETAILS (2/3)
 MITCHELL SHIRE COUNCIL, R/REF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG NO: RS200488
FOR CONSTRUCTION S148801R09 / 39 D

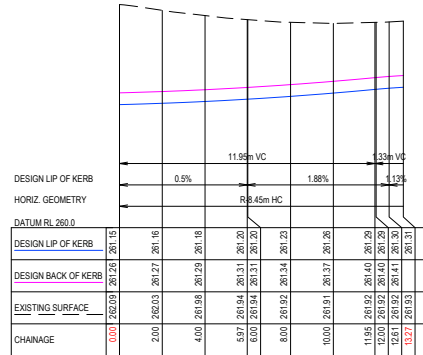
THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE: C:\12\DATA\10M650-1205\15488 - THE CORCORIS GROUP DEVELOPMENTS PTY LTD, BEVERIDGE, 9\ENGINEERING\DESIGN\CA\STAGE 1\148801R09.DWG

GENERAL CONSTRUCTION PLAN NOTES

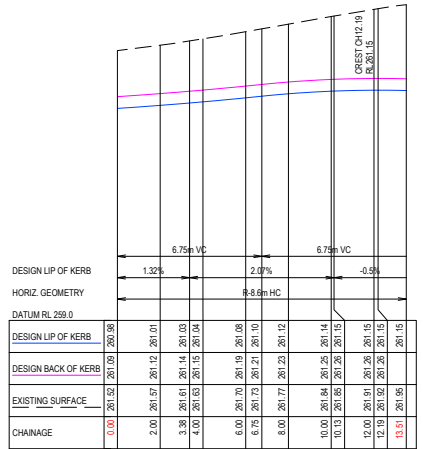
- APPLIES IN ALL CASES UNLESS STATED OTHERWISE
- KERB TYPES:
 - LOCAL STREETS = 600mm B2 AS PER EDCM 301
 - FRONTING RESERVES = 600mm B2 AS PER EDCM 301
 - ALL TRANSITIONS TO 600mm B3 ON ORANA BVD THROUGH PITS
- ALL KERB R = 8.0m TO B&K AT RETURNS AND 90° BENDS
- ALL INTERSECTION SPITERS REFER TYPICAL DETAILS
- ALL SINGLE & DOUBLE DRIVEWAYS AS PER EDCM 501 & 502
- ALL FOOTPATHS CONCRETE & 1.5m WIDE @ 0.05m O/S SL AS PER EDCM 401
- PROPERTY DRAINAGE INLETS AS PER EDCM 701 - 703
- CONNECTIONS FROM ROAD RESERVE TO BE 3.5m O/S ON NON DRIVEWAY SIDE OR 5.5m O/S ON DRIVEWAY SIDE
- CONNECTIONS AT REAR OF LOTS TO BE 2.5m O/S WITH SEWER OR 1.0m O/S IF NO SEWER
- OFFSET WILL VARY FOR PIT CONNECTION
- ALL EASEMENT DRAINAGE PIPES & PITS ARE 1.0m O/S REAR & SIDE BOUNDARIES
- CONTOUR INTERVAL 0.2m @ 1:1000 & 0.05m @ 1:200 (A3) WHERE SHOWN

WARNING

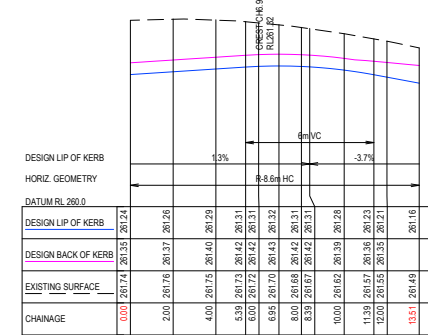
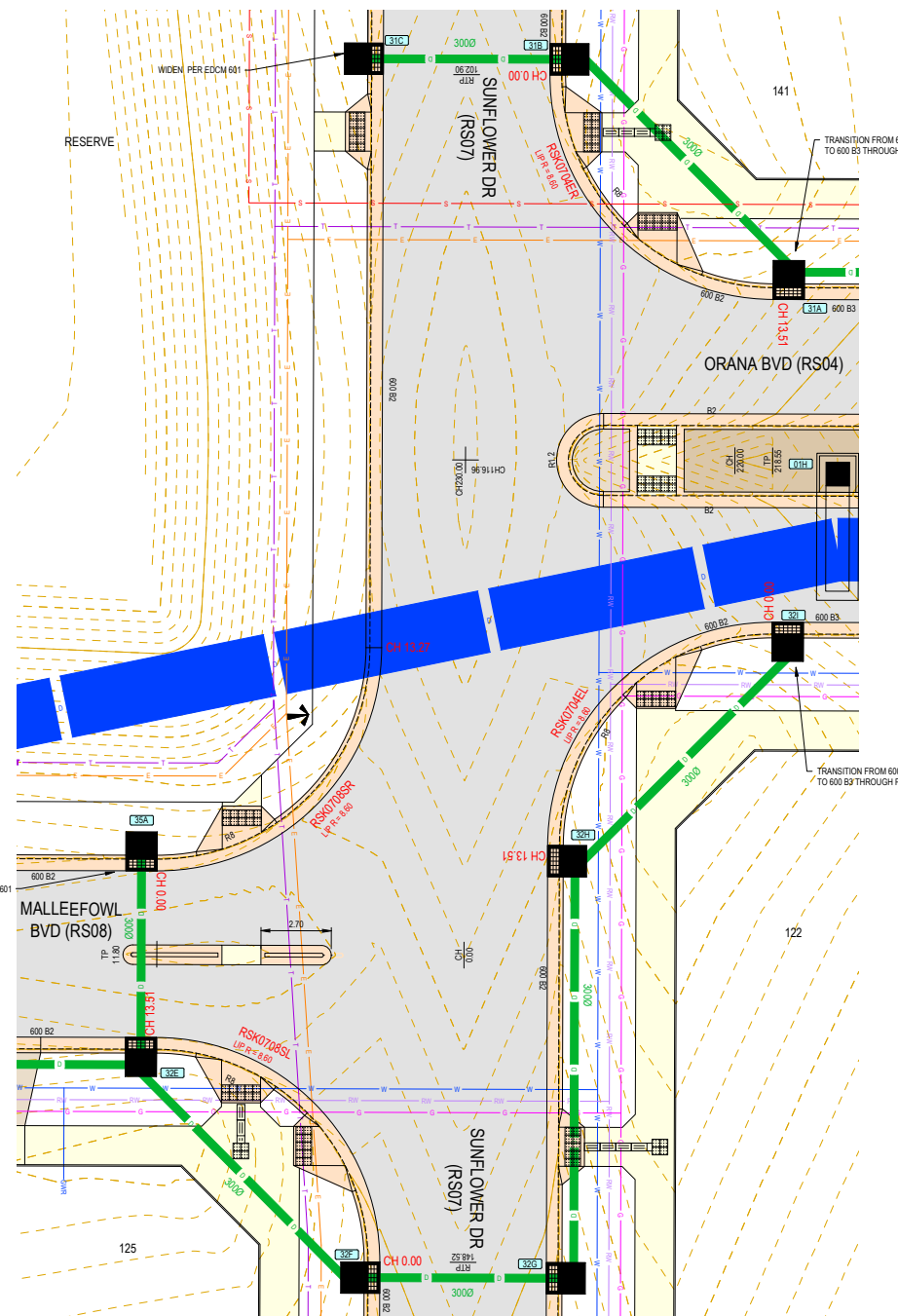
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.



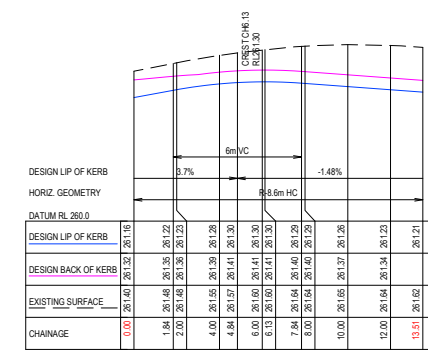
RSK0708SR
SCALE 1:250 V 1:50



RSK0708SL
SCALE 1:250 V 1:50



RSK0704ER
SCALE 1:250 V 1:50



RSK0704EL
SCALE 1:250 V 1:50

D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR	04/09/20	
C	KERB AMENDMENTS	JM	AR	15/05/20	
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	NJB	20/03/20	
A	AS SUBMITTED TO COUNCIL	AR	JM	NJB	12/08/19
REV	REVISION	DES	DWG	CHK	DATE



TOMKINSON Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM



SCALE 1:200
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT

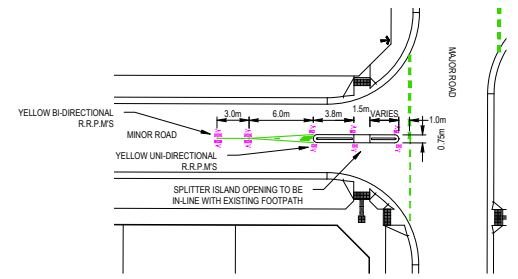
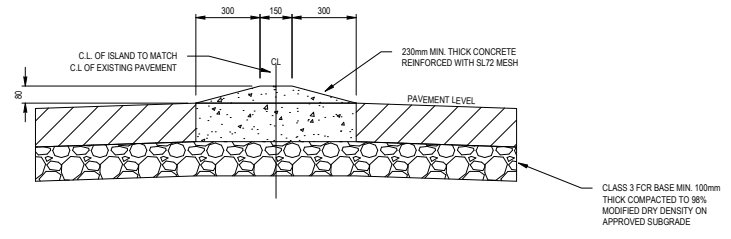
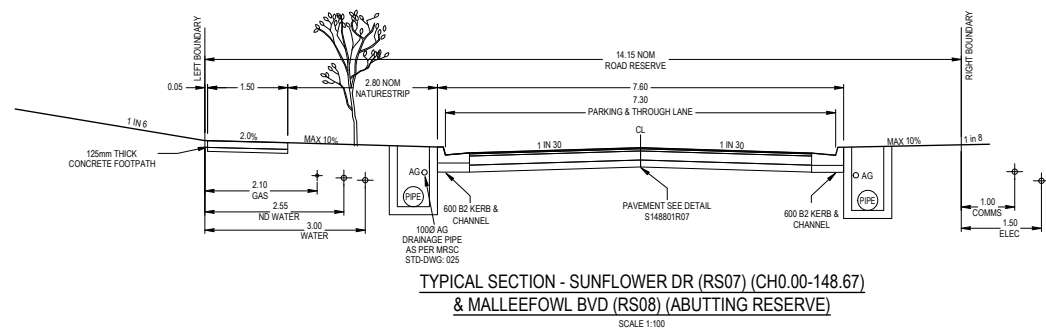
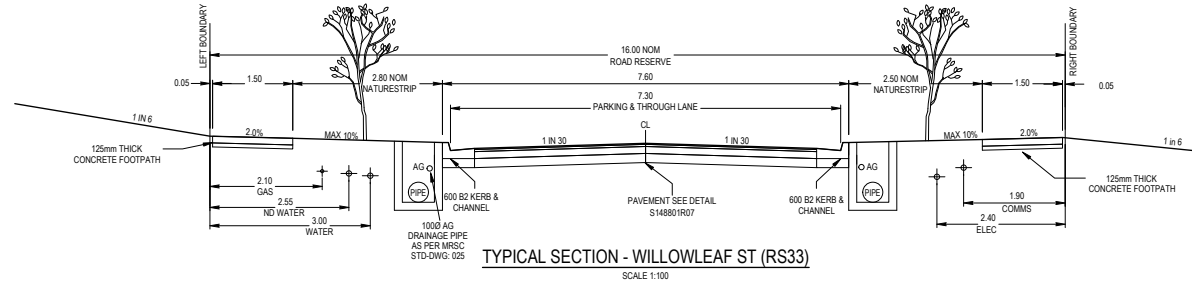
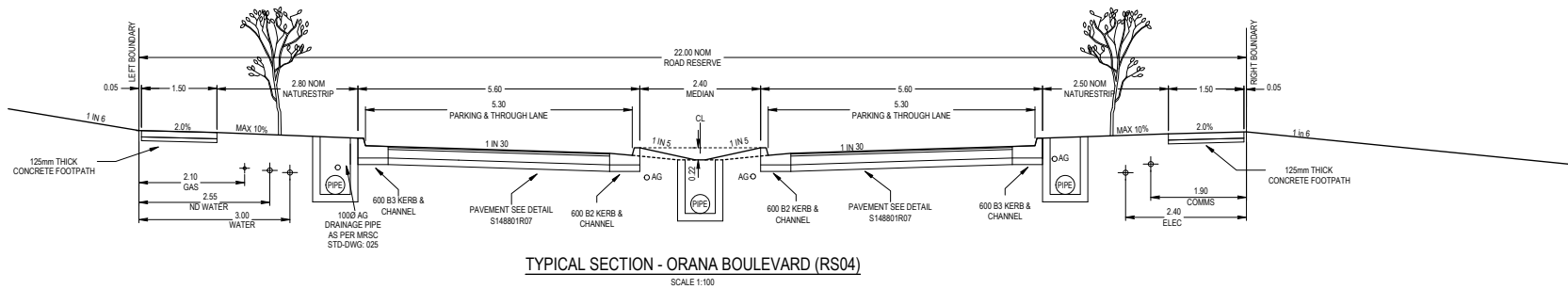
ISO 9001:2015
 Quality Management

DUAL BEFORE YOU DIG
 www.7100.com.au

RS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 INTERSECTIONS DETAILS (3/3)
 MITCHELL SHIRE COUNCIL, R/RF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION S148801R10 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE: C:\1220\DATA\1048650-1205\1488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD, BEVERIDGE, 9/ENGINEERING\DESIGN\CAD\STAGE 1/S148801R10.DWG



D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR	04/09/20	
C	KERB AMENDMENTS	JM	AR	15/05/20	
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	JM	20/03/20	
A	AS SUBMITTED TO COUNCIL	AR	JM	NB 12/08/19	
REV	REVISION	DES	DWG	CHK	DATE

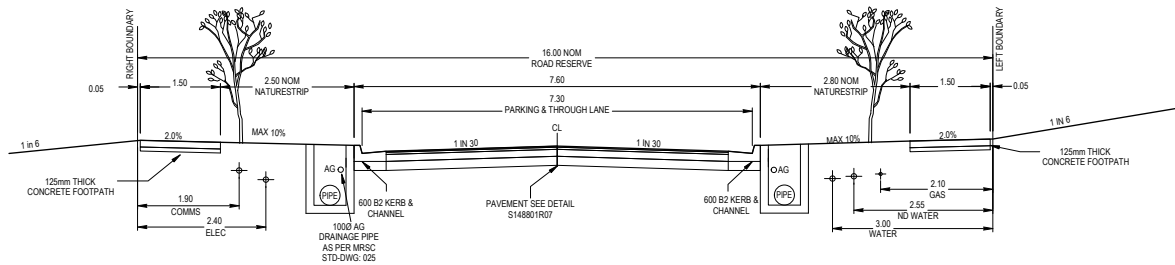
Tomkinson Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

ORANYA ESTATE

SCALE N/A
 LENGTHS ARE IN METRES - PAPER SIZE A3
 © COPYRIGHT THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS20488

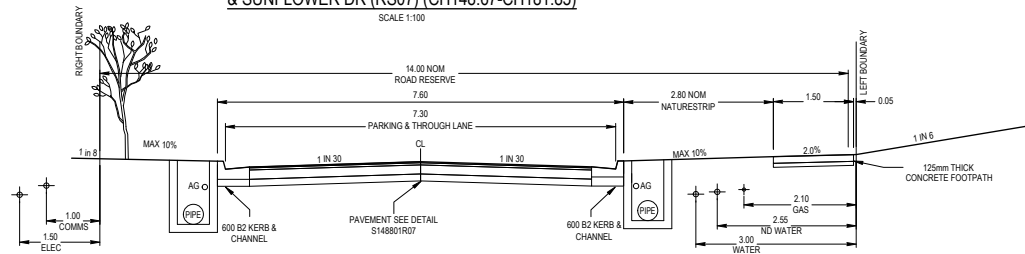
ORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 TYPICAL DETAILS (1/2)
 MITCHELL SHIRE COUNCIL (R/F)
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV: FOR CONSTRUCTION S148801R11 / 39 D

THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS.
 PLOT DATE: 10/09/2020 FILE C:\12\DATA\TOM\1650-1205\151488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE - 9' ENGINEERING DESIGN\CAD\STAGE 1\148801.RD - CONSTRUCTION PLANS REV.DWG



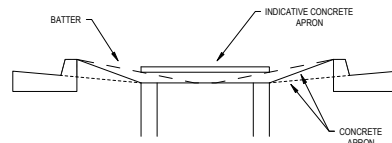
TYPICAL SECTION - NUMBAT DR (RS05), WARATAH ST (RS06) & SUNFLOWER DR (RS07) (CH148.67-CH181.85)

SCALE 1:100



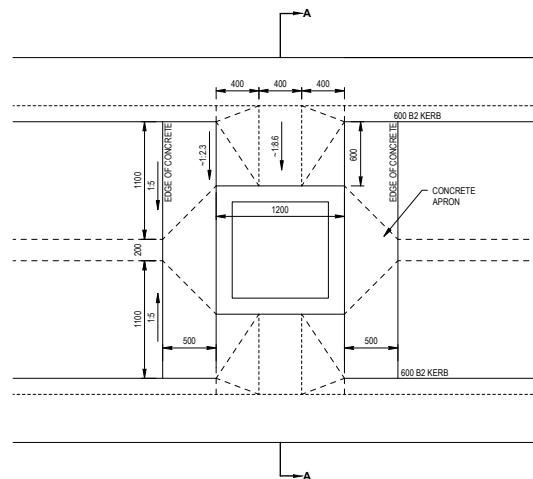
TYPICAL SECTION - POSSUM DR (RS09) (ABUTTING RESERVE)

SCALE 1:100



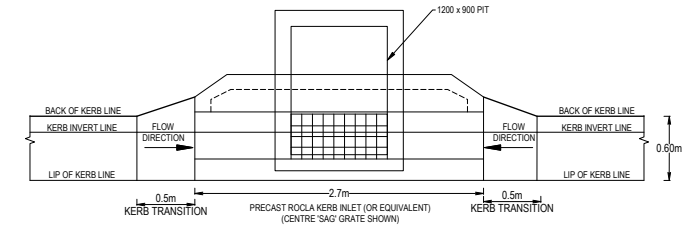
SECTION A-A - KERB & CHANNEL OUTLET CHUTE

SCALE 1:50



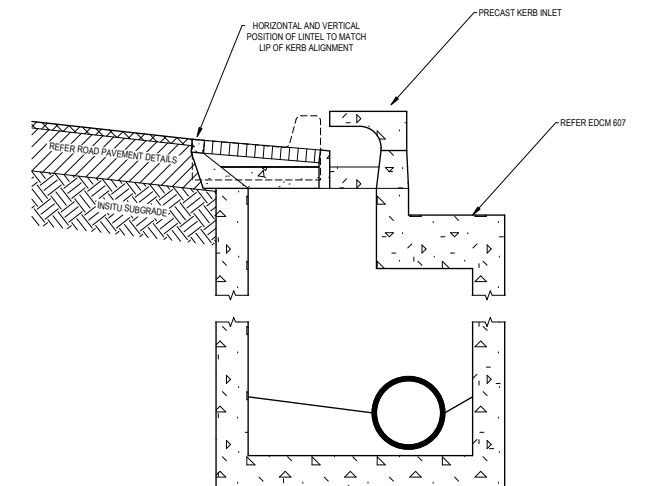
PLAN - KERB & CHANNEL OUTLET CHUTE

SCALE 1:50



EXTENDED KERB INLET DETAIL - SAG

SCALE 1:50



EXTENDED KERB INLET SECTION - SAG

SCALE 1:25

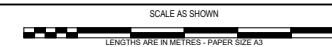
D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
C KERB AMENDMENTS
B AMENDMENTS AS PER COUNCIL COMMENTS
A AS SUBMITTED TO COUNCIL

JM AR 04/09/20
JM AR 15/05/20
AR JM N/B 20/03/20
AR JM N/B 12/08/19

REV DES DWG CHK DATE



HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
ABN 11 103 336 358 WWW.TOMKINSON.COM



© COPYRIGHT
THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
COPYRIGHT



OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
ROADS & DRAINAGE CONSTRUCTION PLANS
TYPICAL DETAILS (2/2)

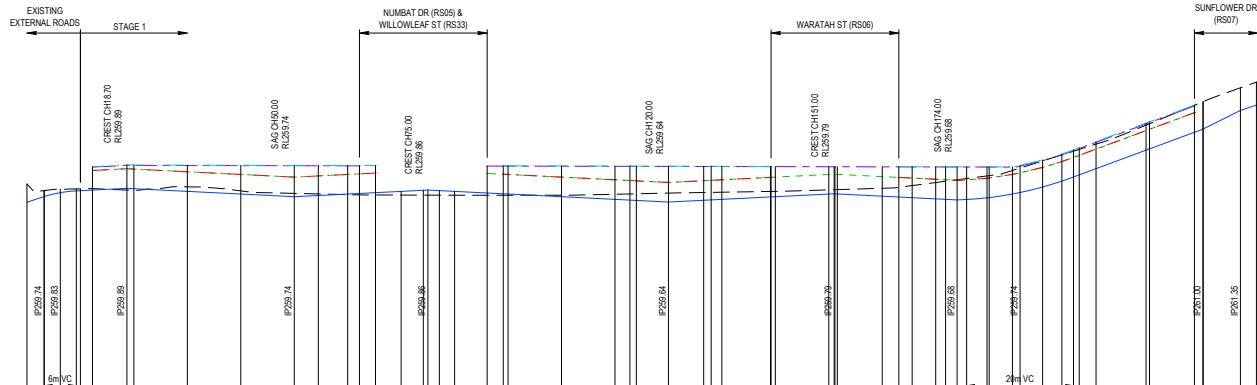
MITCHELL SHIRE COUNCIL #RF
THE CORCORIS GROUP DEVELOPMENTS PTY LTD

DWG STATUS:

PROJECT & DWG No:

FOR CONSTRUCTION S148801R12 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS.
PLOT DATE: 10/09/2020 FILE: C:\12\DATA\TOM\MB65-1205\151488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE_9\ENGINEERING\DESIGN\CAD\STAGE 1\148801R12.DWG



CHAINAGE	EXISTING SURFACE	DESIGN LEFT BACK OF KERB	DESIGN RIGHT BACK OF KERB	DESIGN LEFT INSIDE / ROADSIDE OF PATH	DESIGN RIGHT INSIDE / ROADSIDE OF PATH	DESIGN C.L.
0.00	259.98	260.00	260.00	260.00	260.00	259.03
3.20	259.85	260.00	260.00	260.00	260.00	259.74
3.24	259.85	260.00	260.00	260.00	260.00	259.74
6.24	259.85	260.00	260.00	260.00	260.00	259.81
9.24	259.88	260.00	260.00	260.00	260.00	259.85
12.24	259.88	260.00	260.00	260.00	260.00	259.85
15.24	259.88	260.00	260.00	260.00	260.00	259.85
18.20	259.86	260.00	260.00	260.00	260.00	259.86
20.00	259.86	260.00	260.00	260.00	260.00	259.86
30.00	259.92	260.00	260.00	260.00	260.00	259.84
40.00	259.86	260.00	260.00	260.00	260.00	259.79
50.00	259.80	260.00	260.00	260.00	260.00	259.74
54.50	259.79	260.00	260.00	260.00	260.00	259.76
60.00	259.78	260.00	260.00	260.00	260.00	259.79
62.20	259.77	260.00	260.00	260.00	260.00	259.80
65.20	259.77	260.00	260.00	260.00	260.00	259.81
70.00	259.77	260.00	260.00	260.00	260.00	259.84
74.15	259.77	260.00	260.00	260.00	260.00	259.86
75.00	259.77	260.00	260.00	260.00	260.00	259.86
80.00	259.77	260.00	260.00	260.00	260.00	259.86
80.02	259.77	260.00	260.00	260.00	260.00	259.86
86.10	259.77	260.00	260.00	260.00	260.00	259.81
89.10	259.77	260.00	260.00	260.00	260.00	259.79
90.00	259.77	260.00	260.00	260.00	260.00	259.79
100.00	259.77	260.00	260.00	260.00	260.00	259.74
110.00	259.78	260.00	260.00	260.00	260.00	259.69
112.80	259.79	260.00	260.00	260.00	260.00	259.67
114.00	259.79	260.00	260.00	260.00	260.00	259.67
120.00	259.81	260.00	260.00	260.00	260.00	259.64
128.60	259.82	260.00	260.00	260.00	260.00	259.67
130.00	259.82	260.00	260.00	260.00	260.00	259.69
138.00	259.84	260.00	260.00	260.00	260.00	259.71
140.00	259.84	260.00	260.00	260.00	260.00	259.74
150.00	259.87	260.00	260.00	260.00	260.00	259.79
151.15	259.87	260.00	260.00	260.00	260.00	259.79
151.60	259.87	260.00	260.00	260.00	260.00	259.79
160.00	259.84	260.00	260.00	260.00	260.00	259.73
165.40	259.85	260.00	260.00	260.00	260.00	259.72
170.00	260.00	260.06	260.06	260.06	260.06	259.70
171.85	260.00	260.06	260.06	260.06	260.06	259.69
175.79	260.08	260.05	260.05	260.05	260.05	259.68
179.60	260.13	260.08	260.08	260.08	260.08	259.72
184.35	260.23	260.15	260.15	260.15	260.15	259.79
185.75	260.27	260.19	260.19	260.19	260.19	259.82
190.00	260.44	260.29	260.29	260.29	260.29	259.82
193.60	260.40	260.40	260.40	260.40	260.40	260.03
195.00	260.40	260.40	260.40	260.40	260.40	260.03
198.00	260.62	260.61	260.61	260.61	260.61	260.15
200.00	260.72	260.63	260.63	260.63	260.63	260.26
209.35	261.08	260.98	260.98	261.10	261.12	260.61
210.00	261.10	261.00	261.00	261.12	261.14	260.63
218.40	261.45	261.31	261.31	261.44	261.45	260.94
220.00	261.51	261.00	261.00	261.00	261.00	261.00
227.00	261.77	261.35	261.35	261.35	261.35	261.35
230.00	261.88	261.45	261.45	261.45	261.45	261.45
230.35	261.89	261.46	261.46	261.46	261.46	261.46

D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR	04/09/20
C	KERB AMENDMENTS	JM	AR	15/05/20
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	JM	20/03/20
A	AS SUBMITTED TO COUNCIL	AR	JM	NB
REV	REVISION	DES	CHK	DATE

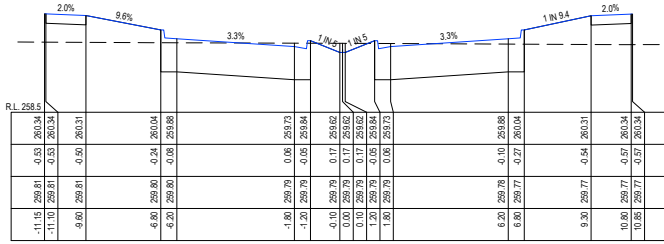
Tomkinson Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

OORANYA ESTATE

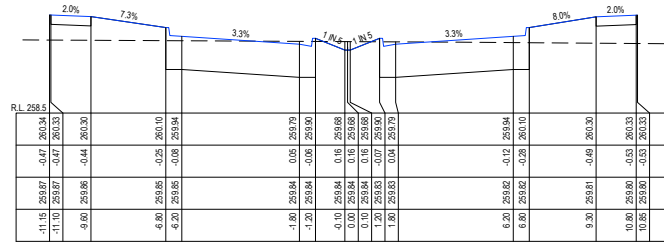
SCALE H 1:1,000 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3
 © COPYRIGHT THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
ORANA BVD (RS04) LONG SECTION
 MITCHELL SHIRE COUNCIL #REF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV: DATE: 10/09/2020 FILE: C:\12\DATA\10M650-1205\1488 - THE CONCORIS GROUP DEVELOPMENT DOCUMENTS
FOR CONSTRUCTION S148801R13 / 39 D

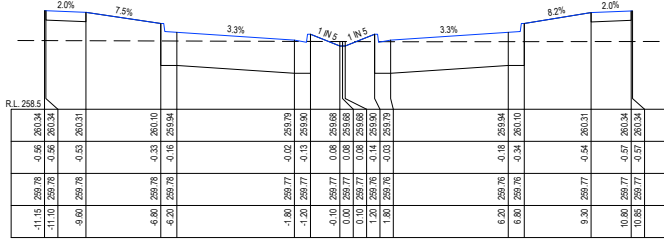
NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PROJECT & DWG No: REV: DATE: 10/09/2020 FILE: C:\12\DATA\10M650-1205\1488 - THE CONCORIS GROUP DEVELOPMENT DOCUMENTS



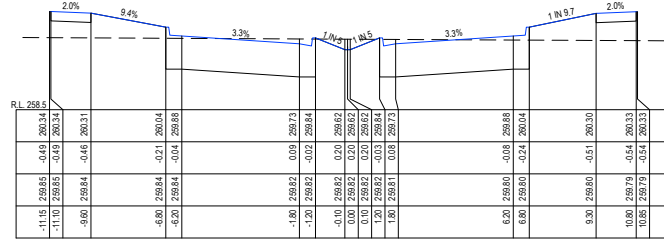
CH 112.8



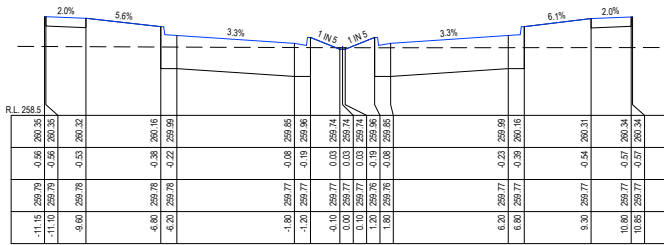
CH 139.1



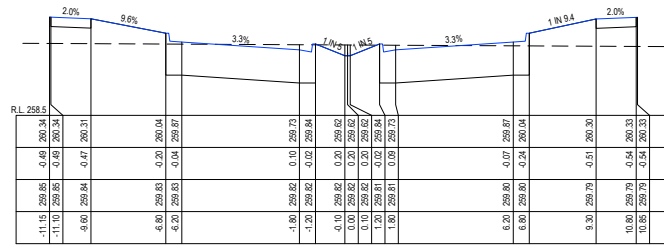
CH 100



CH 128



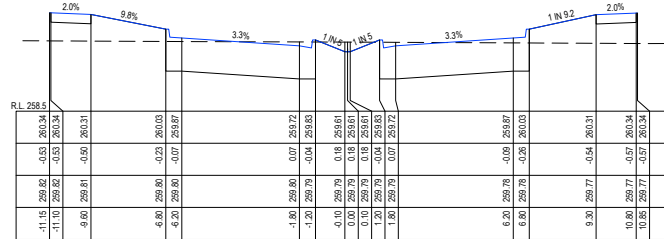
CH 89.1



CH 126.6

RL 258.5				
DESIGN SURFACE				
CUTFILL				
EXIST SURFACE				
OFFSETS				
	6.20	259.78	-0.23	260.01
	1.80	259.77	-0.09	259.86
	0.00	259.77	-0.04	259.81
	1.80	259.76	-0.10	259.86
	6.20	259.77	-0.24	260.01
	6.80	259.77	-0.41	260.17
	9.30	259.77	-0.64	260.31
	10.80	259.77	-0.57	260.34
	10.85	259.77	-0.57	260.34

CH 86.1



CH 114

D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR	04/09/20	
C	KERB AMENDMENTS	JM	AR	15/05/20	
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	JM	NB	20/03/20
A	AS SUBMITTED TO COUNCIL	AR	JM	NB	12/08/19
REV	REVISION	DES	DWG	CHK	DATE

HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

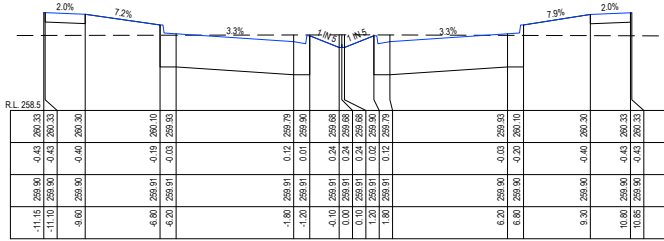
SCALE H 1:200 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT

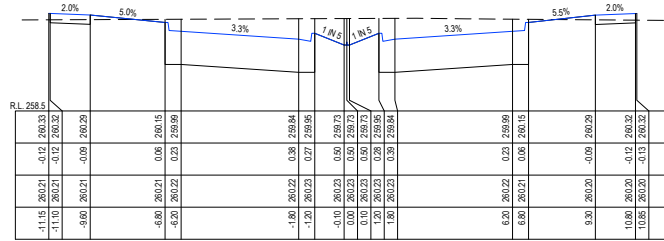
ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS24088

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
ORANA BVD (RS04) CROSS SECTION (2/4)
 MITCHELL SHIRE COUNCIL #R#F
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION S148801R15 / 39 D

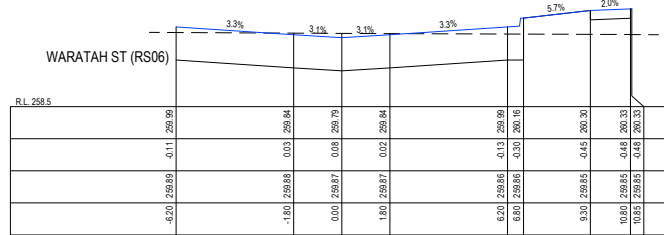
THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS.
 PLOT DATE: 10/09/2020 FILE: C:\12\DATA\TOM\MS60-1205\1488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE_9\ENGINEERING\DESIGN\CAD\STAGE 1\5 48801R15.DWG



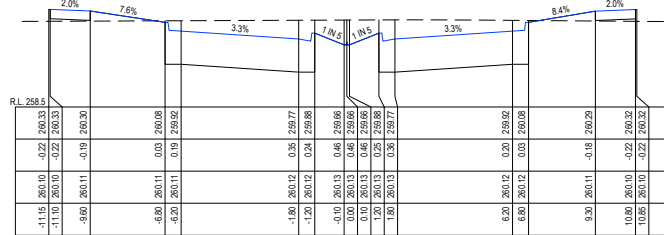
CH 163.1



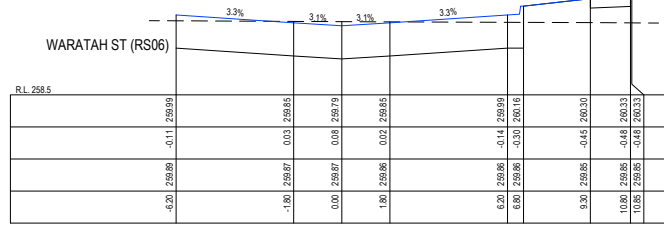
CH 184.35



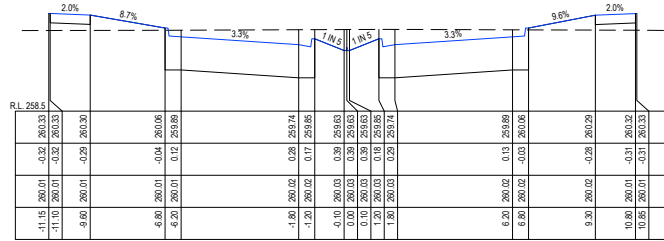
CH 151.6



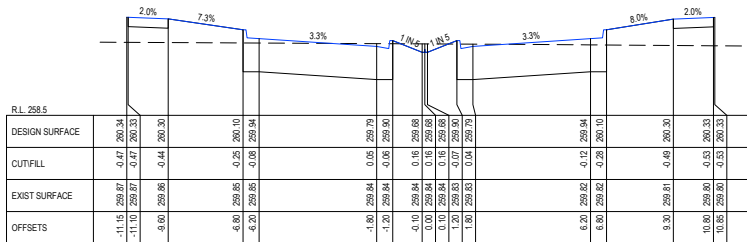
CH 179.6



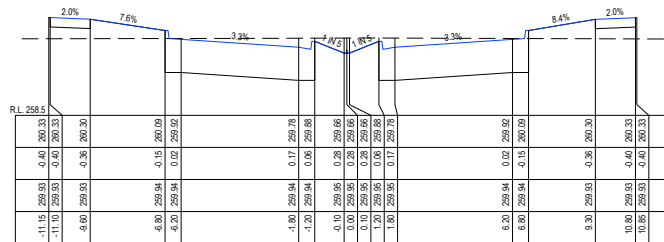
CH 151.15



CH 171.85



CH 139.2



CH 165.6

- D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
- C KERB AMENDMENTS
- B AMENDMENTS AS PER COUNCIL COMMENTS
- A AS SUBMITTED TO COUNCIL

- JM AR 04/09/20
- JM AR 15/05/20
- NB 20/03/20
- NB 12/08/19

REV	REVISION	DES	DWG	CHK	DATE
-----	----------	-----	-----	-----	------



HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
ABN 11 103 336 358 WWW.TOMKINSON.COM



SCALE H 1:200 V 1:100
LENGTHS ARE IN METRES - PAPER SIZE A3

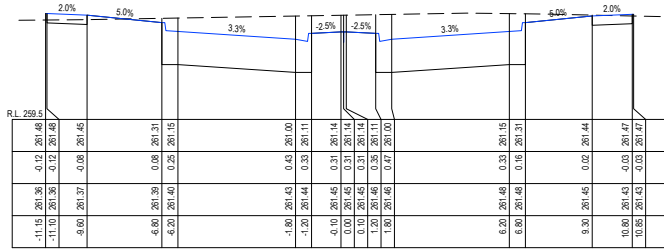
© COPYRIGHT THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR REPRODUCING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN. COPYRIGHT

ISO 9001:2015 Quality Management

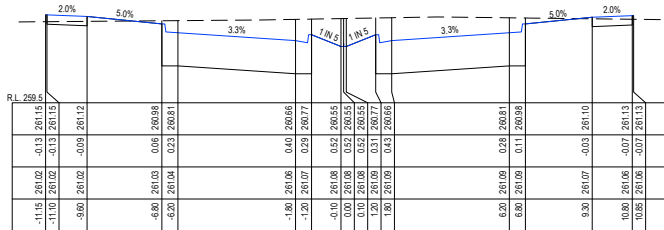
DUAL BEFORE YOU DIG www.7100.com.au

FSS20488

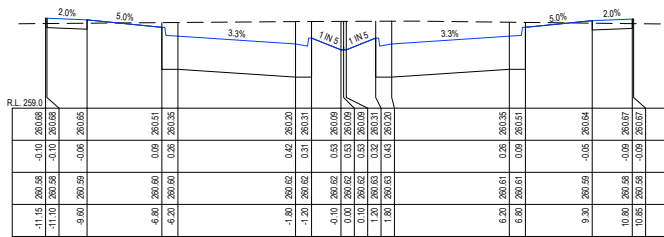
OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
ROADS & DRAINAGE CONSTRUCTION PLANS
ORANA BVD (RS04) CROSS SECTION (3/4)
MITCHELL SHIRE COUNCIL #RF
THE CORCORIS GROUP DEVELOPMENTS PTY LTD
DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION S148801R16 / 39 D



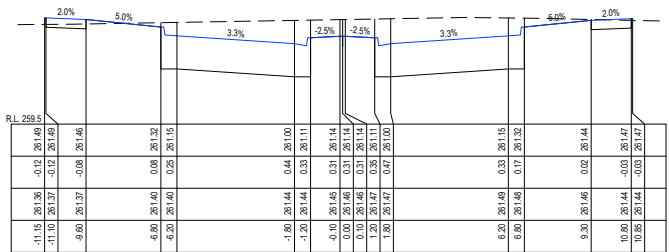
CH 218.4



CH 209.35



CH 196.85



CH 218.55

RL 258.5	-11.15	260.49	-0.08	260.57
DESIGN SURFACE	-11.10	260.49	-0.08	260.57
	-9.00	260.49	-0.04	260.54
CUTFILL	-6.80	260.50	0.11	260.40
	-6.20	260.51	0.27	260.23
EXIST SURFACE	-1.90	260.52	0.43	260.08
	-1.20	260.52	0.32	260.19
	0.10	260.53	0.35	260.27
	0.00	260.52	0.35	260.27
	0.10	260.52	0.35	260.27
OFFSETS	1.20	260.52	0.33	260.19
	1.90	260.53	0.44	260.08
	6.20	260.51	0.27	260.23
	6.80	260.50	0.11	260.40
	9.30	260.49	-0.03	260.52
	10.90	260.46	-0.07	260.55
	10.95	260.46	-0.07	260.55

CH 193.6

D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS J M AR 04/09/20
 C KERB AMENDMENTS J M AR 15/05/20
 B AMENDMENTS AS PER COUNCIL COMMENTS AR JM NB 20/03/20
 A AS SUBMITTED TO COUNCIL AR JM NB 12/08/19

REV DESIWN CHK DATE DES DWG CHK DATE

HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

SCALE H 1:200 V 1:100

LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR REPRODUCING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN. COPYRIGHT

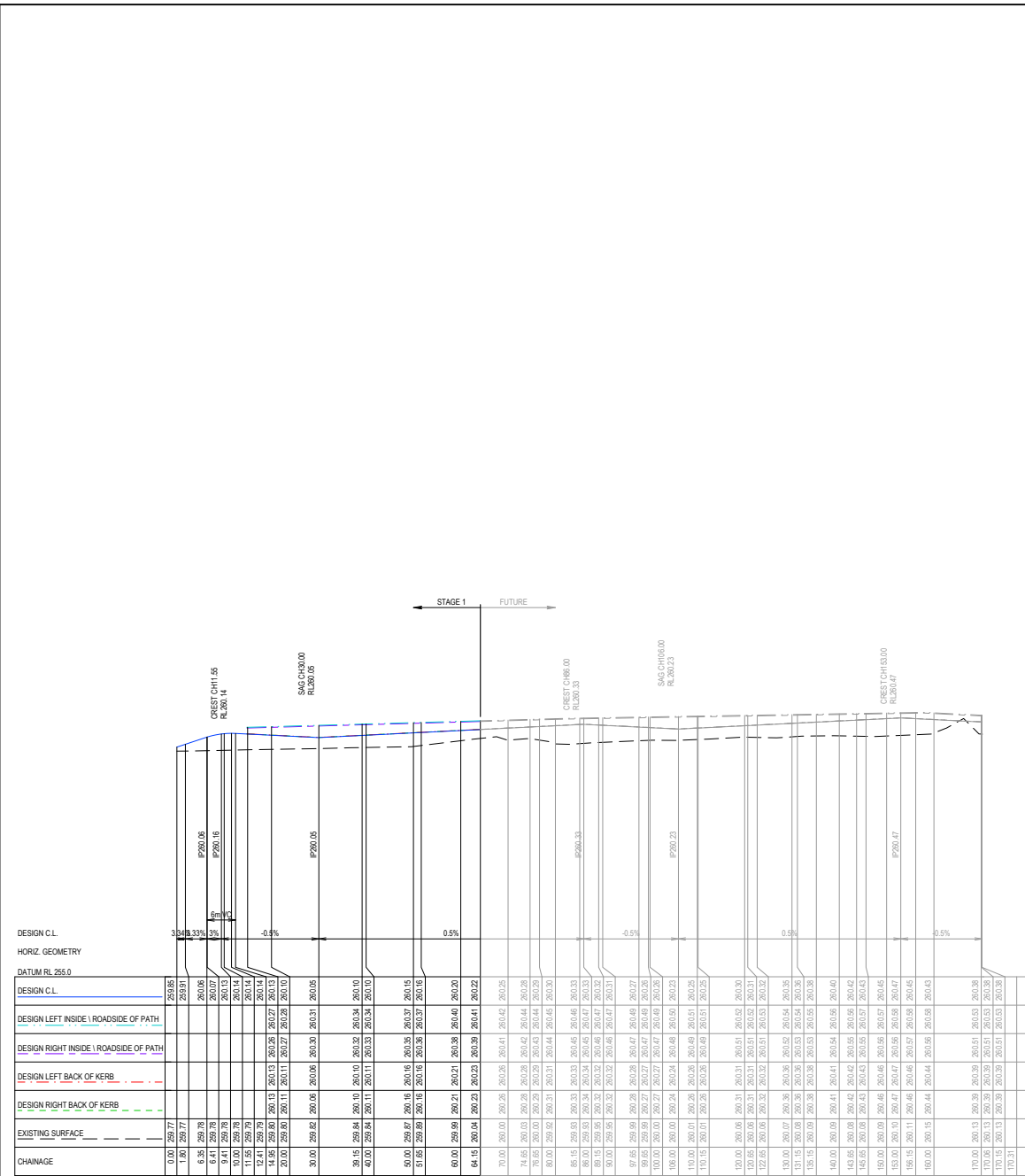
ISO 9001:2015 Quality Management

DUAL BEFORE YOU DIG

FS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
ORANA BVD (RS04) CROSS SECTION (4/4)
 MITCHELL SHIRE COUNCIL #R#F
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION S148801R17 / 39 D

THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS.
 PLOT DATE: 10/09/2020 FILE C:\12\DATA\10M650-1205\15488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE - 9\ENGINEERING\DESIGN\CAD\STAGE 1\148801R17.DWG



D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR	04/09/20	
C	KERB AMENDMENTS	JM	AR	15/05/20	
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	NB	20/03/20	
A	AS SUBMITTED TO COUNCIL	AR	NB	12/08/19	
REV	REVISION	DES	DWG	CHK	DATE

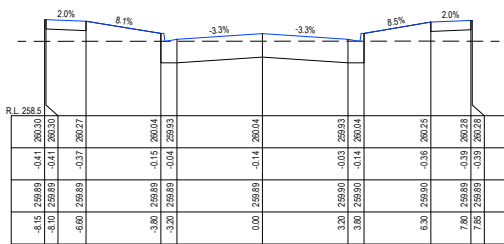
HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

H 10 0 20 40 60 H
 V 1 0 20 40 5 V
 SCALE H 1:1,000 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3
 © COPYRIGHT THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS20488

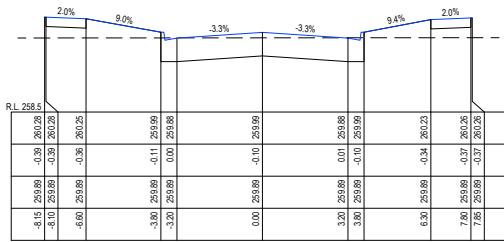
OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
ROADS & DRAINAGE CONSTRUCTION PLANS
NUMBAT DR (RS05) LONG SECTIONS
 MITCHELL SHIRE COUNCIL #R#F
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:

FOR CONSTRUCTION S148801R18 / 39 **D**

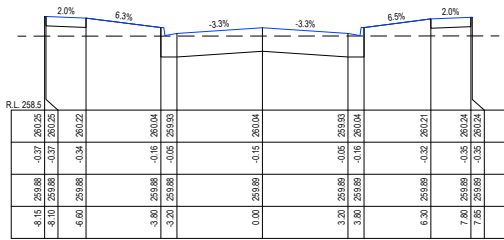
NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. FILE: C:\12\DATA\104650-1205\15488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE - 9\ENGINEERING\DESIGN\CAD\STAGE 1\548801R18.DWG



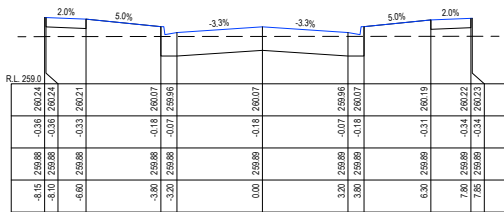
CH 39.15



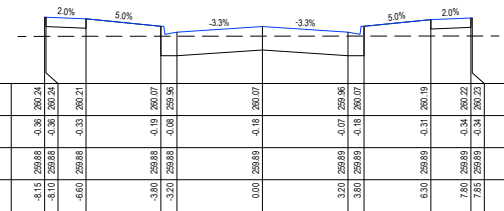
CH 30



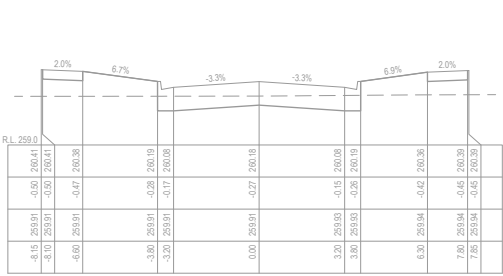
CH 20



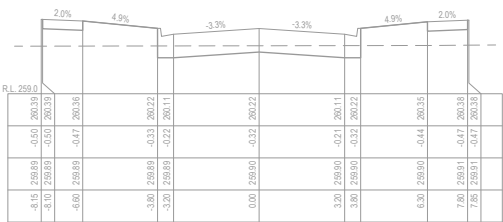
CH 14.95



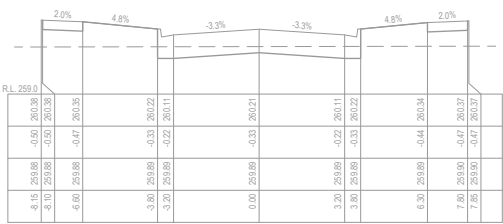
CH 14.8



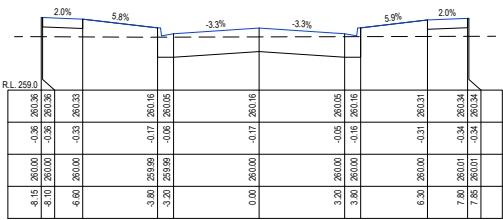
CH 85.15



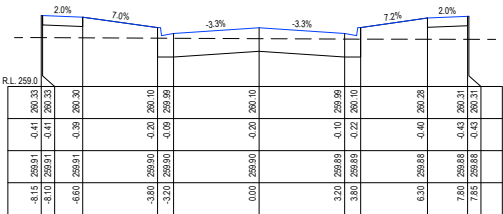
CH 78.15



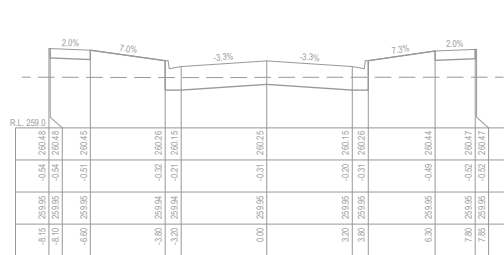
CH 74.65



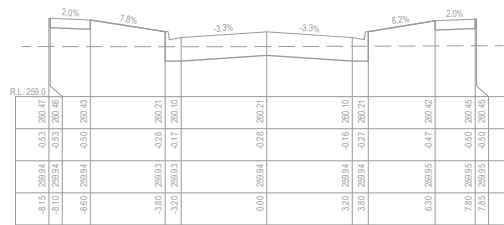
CH 64.15



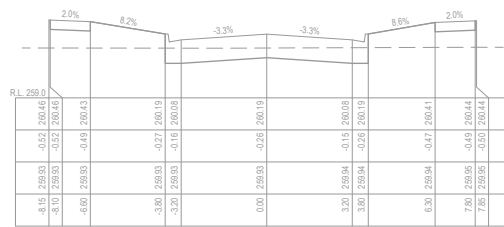
CH 51.65



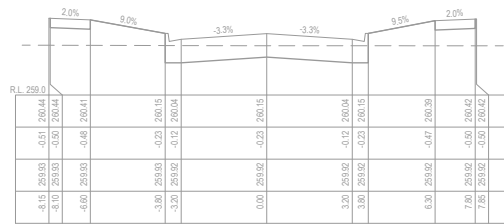
CH 118.65



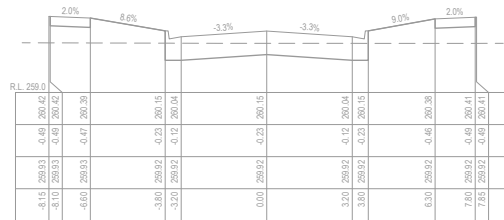
CH 110.15



CH 106.15



CH 97.65



CH 92.15

	RL 259.0	Offset	RL 260.0	Offset
DESIGN SURFACE	-8.15	259.88	-0.36	260.24
	-8.10	259.88	-0.36	260.24
	-6.00	259.88	-0.33	260.21
CUTFILL	-3.80	259.88	-0.18	260.07
	-3.20	259.88	-0.07	259.96
EXIST SURFACE	0.00	259.88	-0.18	260.07
OFFSETS	3.20	259.88	-0.07	259.96
	3.80	259.88	-0.18	260.07
	6.30	259.88	-0.31	260.19
	7.80	259.88	-0.34	260.22
	7.85	259.88	-0.34	260.23

D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
 C KERB AMENDMENTS
 B AMENDMENTS AS PER COUNCIL COMMENTS
 A AS SUBMITTED TO COUNCIL

JM AR 04/020
 JM AR 15/05/20
 AR JM NB 20/03/20
 AR JM NB 12/08/19

REVISION DESIRED DATE

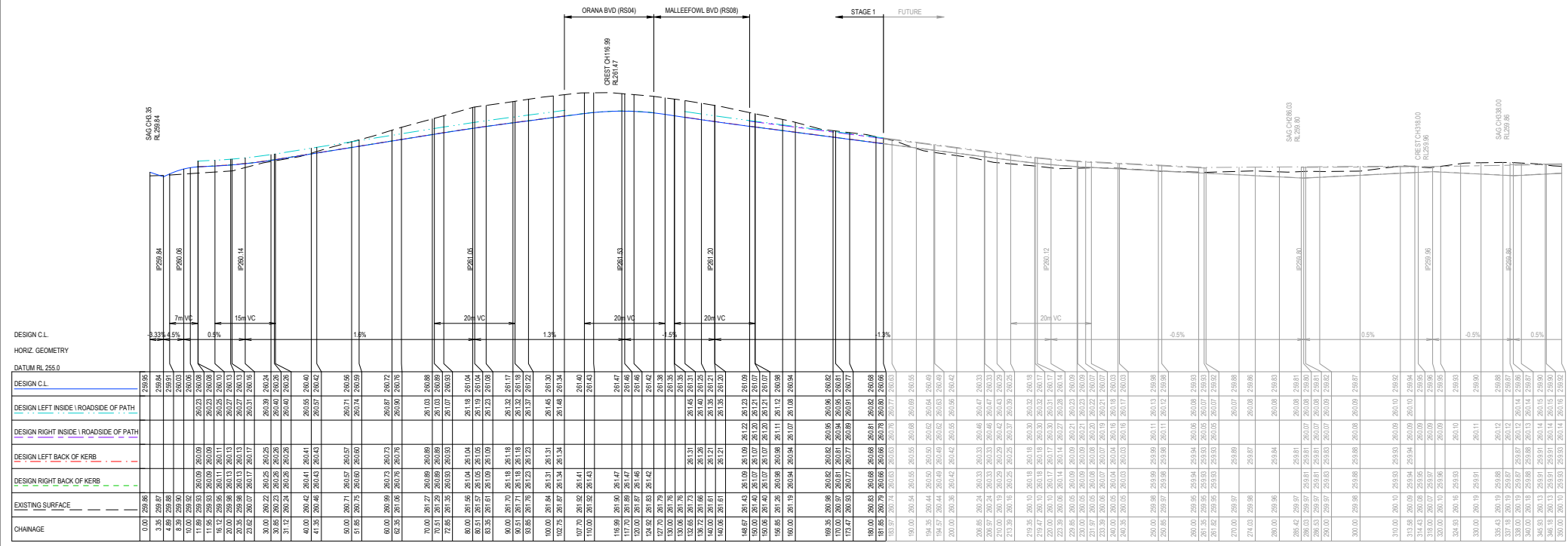
HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

SCALE H 1:200 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT

OORANYA ESTATE - STAGE 1
 WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 WARATAH ST (RS06) CROSS SECTIONS
 MITCHELL SHIRE COUNCIL #REF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No:
 FOR CONSTRUCTION S148801R21 / 39 D

THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS.
 THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE RE-DESIGNED AND RE-DRAWN FOR CONSTRUCTION PLANS REVISION.
 FILE: C:\12\DATA\MK0650-12DS\HIS1488 - THE CORCORIS GROUP DEVELOPMENTS PTY LTD - BEVERIDGE - 9\ENGINEERING\DESIGN\DWG\STAGE 1\RS06\ROADS.DWG



CHAINAGE	EXISTING SURFACE	DESIGN LEFT BACK OF KERB	DESIGN RIGHT INSIDE I. ROADSIDE OF PATH	DESIGN LEFT INSIDE I. ROADSIDE OF PATH	DESIGN C.L.
0.00	259.86				269.05
3.35	259.87				269.84
4.80	259.88				269.81
8.39	259.90				260.03
10.00	259.92				260.06
11.89	259.93				260.23
15.58	259.95				260.23
18.00	259.96				260.27
20.00	259.98				260.33
20.35	259.98				260.37
22.62	260.07				260.31
30.00	260.22				260.39
30.85	260.23				260.40
31.12	260.24				260.40
40.00	260.42				260.35
41.25	260.46				260.37
50.00	260.71				260.71
51.85	260.75				260.74
60.00	260.99				260.87
62.35	261.06				260.90
70.00	261.27				261.03
72.85	261.35				261.07
80.00	261.59				261.18
89.51	261.57				261.19
93.35	261.61				261.23
90.00	261.70				261.32
95.51	261.71				261.32
99.85	261.76				261.37
100.00	261.84				261.45
102.75	261.87				261.54
107.70	261.92				261.63
110.00	261.92				261.63
118.99	261.90				261.67
117.70	261.89				261.66
120.00	261.87				261.66
124.92	261.83				261.62
127.70	261.79				261.58
130.00	261.76				261.55
132.65	261.73				261.51
136.72	261.66				261.40
140.00	261.61				261.21
140.05	261.61				261.21
146.67	261.43				261.23
150.00	261.40				261.23
152.00	261.40				261.23
156.25	261.38				261.21
160.00	261.19				261.08
169.35	260.98				260.92
172.47	260.92				260.92
173.47	260.92				260.92
180.00	260.83				260.82
181.00	260.79				260.80
185.97	260.74				260.77
190.00	260.54				260.55
194.35	260.44				260.50
194.57	260.44				260.50
200.00	260.38				260.42
208.85	260.24				260.33
209.97	260.24				260.33
210.00	260.19				260.29
213.39	260.16				260.25
219.35	260.10				260.18
219.47	260.10				260.18
220.00	260.10				260.17
222.39	260.08				260.14
229.85	260.05				260.09
230.00	260.05				260.09
233.39	260.05				260.07
240.00	260.05				260.03
240.35	260.05				260.03
250.00	259.88				259.88
250.05	259.87				259.88
250.10	259.87				259.88
260.00	259.55				259.54
261.35	259.55				259.53
261.82	259.55				259.52
270.00	259.97				259.89
271.03	259.96				259.87
280.00	259.96				259.84
286.42	259.97				259.81
286.03	259.97				259.81
290.00	259.97				259.81
300.00	259.98				259.87
310.00	260.10				259.82
313.58	260.09				259.84
314.43	260.08				259.85
320.00	260.10				259.85
324.93	260.16				259.83
330.00	260.19				259.90
335.43	260.19				259.88
337.18	260.19				259.87
338.00	260.18				259.86
340.00	260.18				259.86
346.18	260.13				259.81
348.18	260.13				259.81
350.00	260.13				259.82

D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR	04/09/20	
C	KERB AMENDMENTS	JM	AR	15/05/20	
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	JM	20/03/20	
A	AS SUBMITTED TO COUNCIL	AR	JM	NB	12/08/19
REV	REVISION	DES	DWG	CHK	DATE

Tomkinson Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 338 358 WWW.TOMKINSON.COM

OORANYA ESTATE

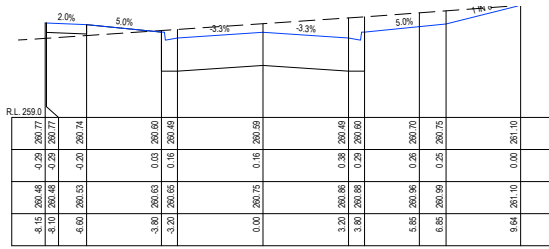
SCALE H 1:1,000 V 1:300
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR REPRODUCING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT

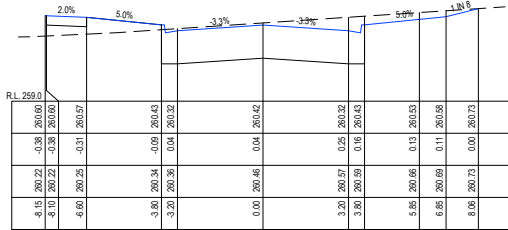
ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 www.7100.com.au
 FSS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
SUNFLOWER DR (RS07) LONG SECTIONS
 MITCHELL SHIRE COUNCIL #REF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION S148801R22 / 39 D

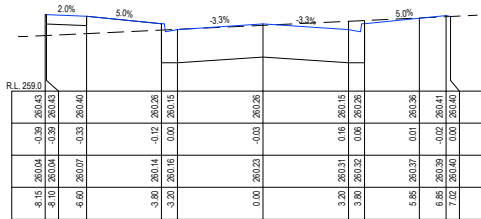
NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE C:\12\DATA\TOMKINGO\1205\1488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE - 9\ENGINEERING\DESIGN\STAGE 1\148801.RBD - CONSTRUCTION PLANS REV.DWG



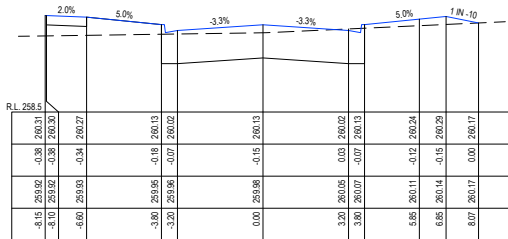
CH 51.85



CH 41.35



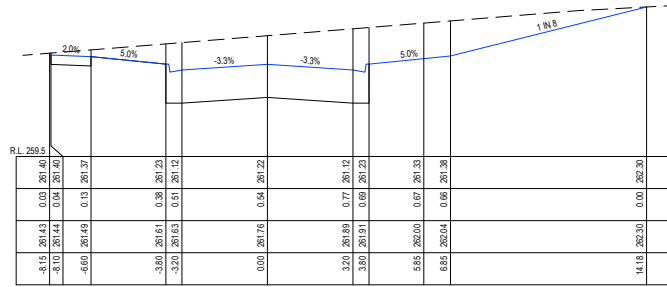
CH 30.85



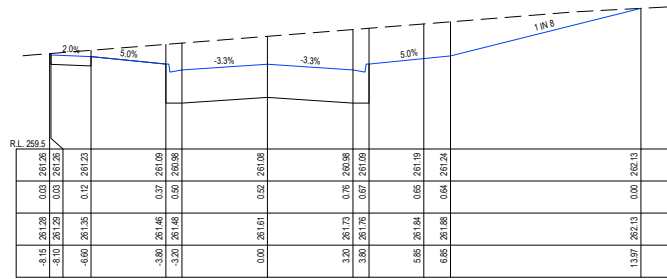
CH 20.35

RL 258.5	-8.15	259.87	-0.39	260.26	-8.10	259.87	-0.39	260.26	-6.60	259.88	-0.35	260.23	-3.30	260.00	-0.19	260.09	-3.30	260.00	-0.07	260.08	0.00	259.93	-0.15	260.08	3.20	259.95	-0.02	259.98	3.80	259.96	-0.13	260.09	5.85	259.97	-0.21	260.19	6.85	259.98	-0.26	260.24	8.28	260.00	0.00	260.00
----------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	------	--------	-------	--------	------	--------	-------	--------	------	--------	-------	--------	------	--------	-------	--------	------	--------	-------	--------	------	--------	------	--------

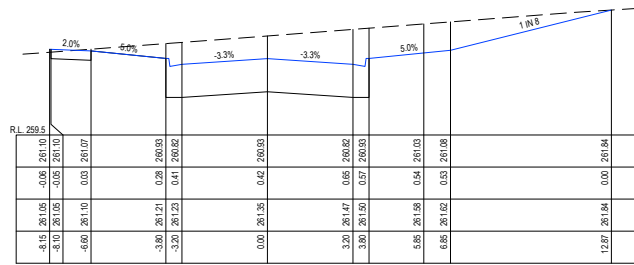
CH 11.95



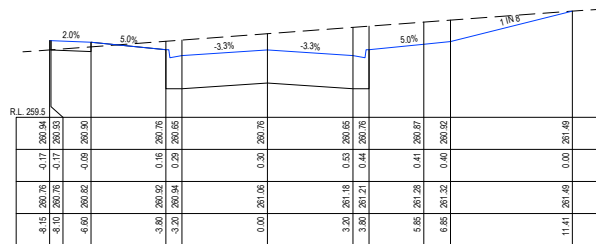
CH 93.85



CH 83.35



CH 72.85



CH 62.35

- D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
- C KERB AMENDMENTS
- B AMENDMENTS AS PER COUNCIL COMMENTS
- A AS SUBMITTED TO COUNCIL

JM AR 04/09/20
JM AR 15/05/20
AR JM NB 20/03/20
AR JM NB 12/08/19

REV DES DWG CHK DATE



HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
ABN 11 103 336 358 WWW.TOMKINSON.COM



SCALE H 1:200 V 1:100
LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR REPRODUCING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
COPYRIGHT

ISO 9001:2015 Quality Management

DUAL BEFORE YOU DIG

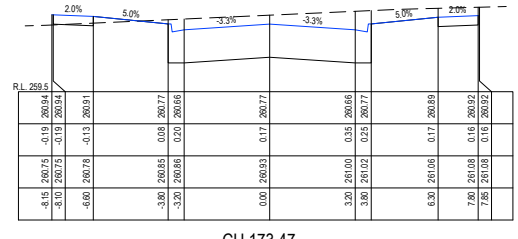
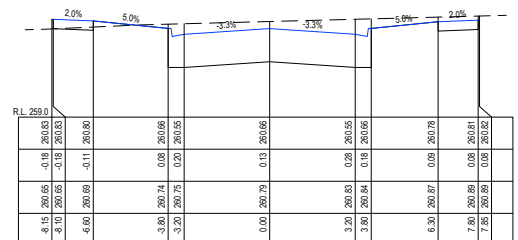
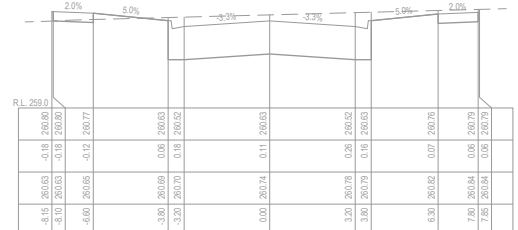
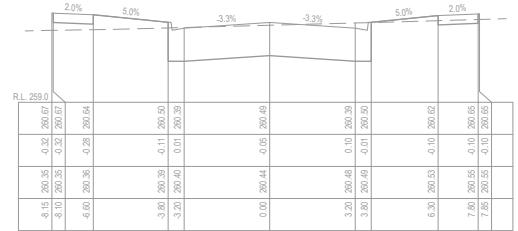
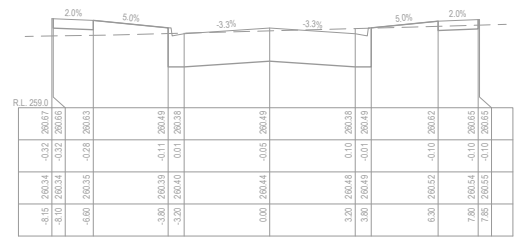
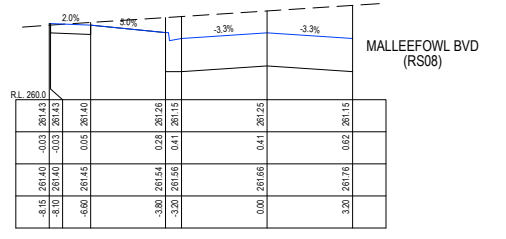
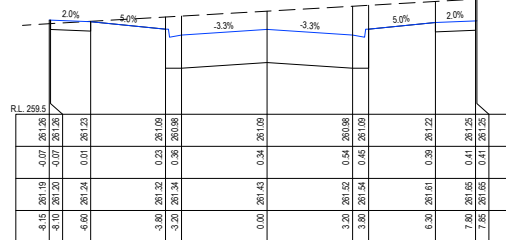
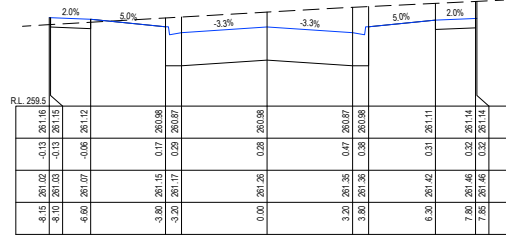
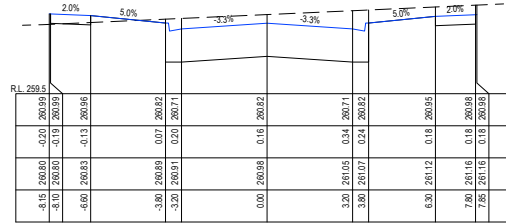
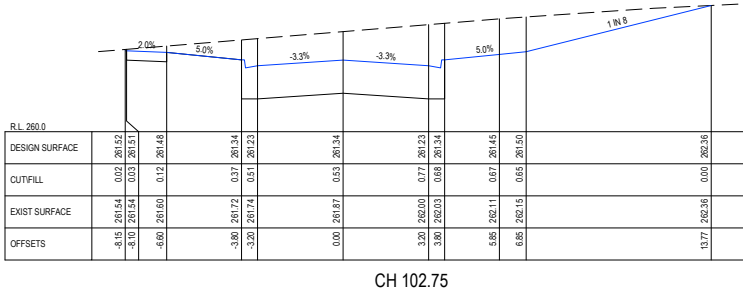
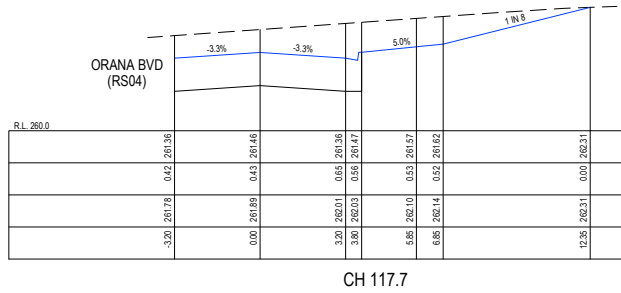
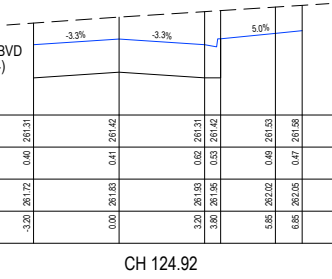
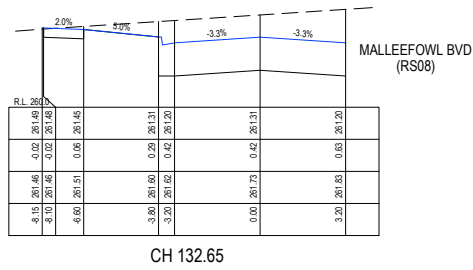
FS20/488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
ROADS & DRAINAGE CONSTRUCTION PLANS
SUNFLOWER DR (RS07) CROSS SECTIONS (1/2)

MITCHELL SHIRE COUNCIL BREF
THE CORCORIS GROUP DEVELOPMENTS PTY LTD

DWG STATUS: PROJECT & DWG No: REV: FOR CONSTRUCTION S148801R23 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS.
PLOT DATE: 10/09/2020 FILE C:\12\DATA\TOM\MS65-1205\15488 - THE CORCORIS GROUP DEVELOPMENTS PTY LTD - BEVERIDGE - 9\ENGINEERING\DESIGN\CAD\STAGE 1\548801R23.DWG



D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
 C KERB AMENDMENTS
 B AMENDMENTS AS PER COUNCIL COMMENTS
 A AS SUBMITTED TO COUNCIL

DESIGN SURFACE
 CUTFILL
 EXIST SURFACE
 OFFSETS

HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

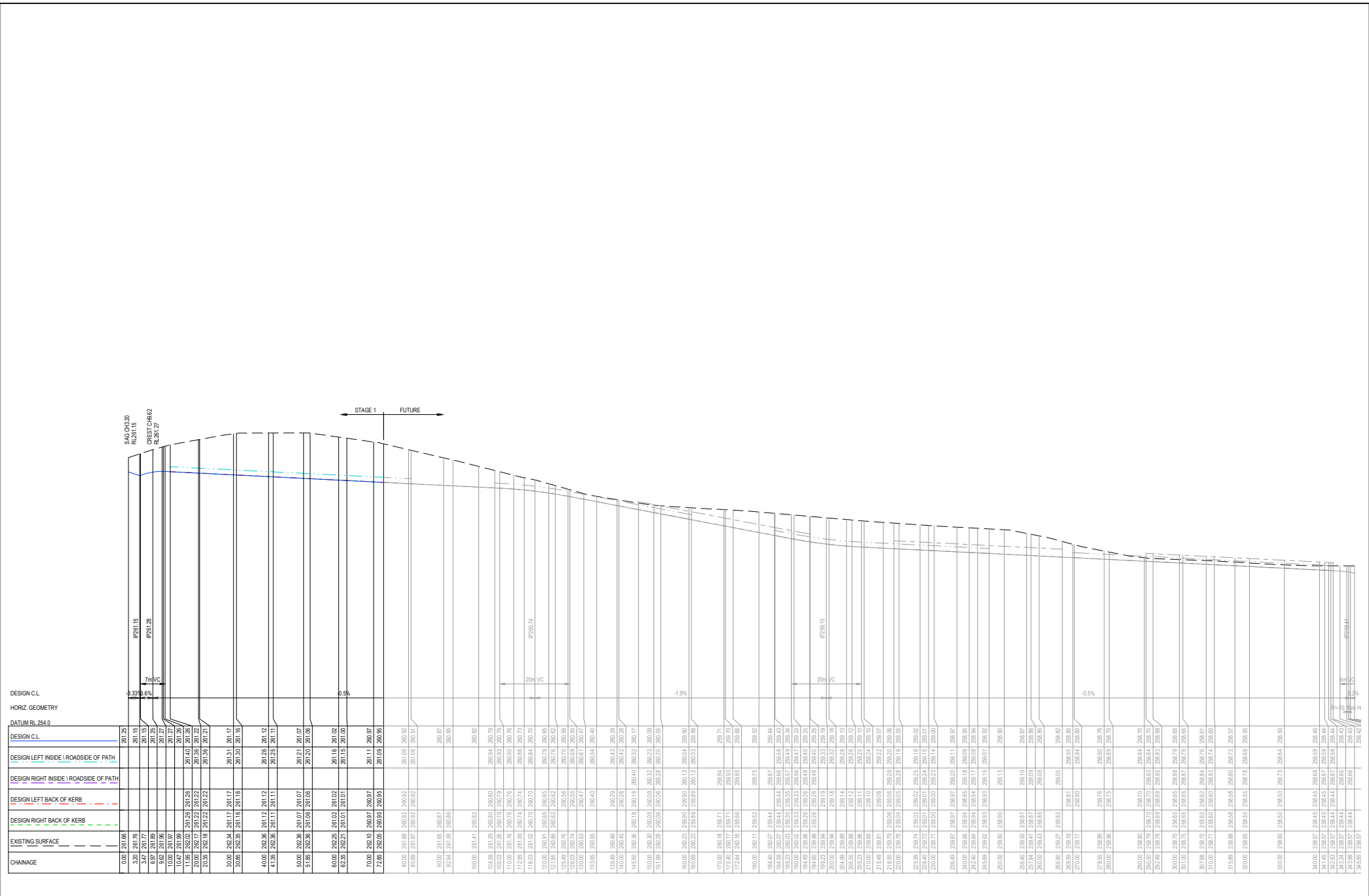
SCALE H 1:200 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT

ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS24088

OORANYA ESTATE - STAGE 1
 WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 SUNFLOWER DR (RS07) CROSS SECTIONS (2/2)
 MITCHELL SHIRE COUNCIL #REF
 THE CONCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS:
 PROJECT & DWG No:
 REV: FOR CONSTRUCTION S148801R24 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE: C:\12\DATA\10MBS60-120S\15488 - THE CONCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE - 9 ENGINEERING DESIGN\CAD\STAGE 1\548801.RD - CONSTRUCTION PLANS REV.DWG



CHAINAGE	EXISTING SURFACE	DESIGN LEFT BACK OF KERB	DESIGN RIGHT BACK OF KERB	DESIGN LEFT INSIDE / ROADSIDE OF PATH	DESIGN RIGHT INSIDE / ROADSIDE OF PATH	DESIGN C.L.
0.00	261.66					261.25
3.00	261.76					261.15
3.47	261.77					261.15
6.97	261.89					261.25
8.02	261.96					261.27
10.47	261.96					261.35
11.95	262.02					261.35
20.00	262.17					261.36
20.35	262.18					261.36
30.00	262.34					261.31
30.05	262.35					261.30
40.00	262.36					261.26
41.35	262.36					261.11
50.00	262.36					261.07
51.95	262.36					261.06
60.00	262.25					261.02
62.35	262.21					261.01
70.00	262.10					260.97
72.85	262.05					260.95
80.00	261.89					261.05
80.05	261.87					261.05
90.00	261.65					260.87
92.84	261.59					260.85
100.00	261.41					260.82
104.99	261.29					260.84
105.03	261.28					260.83
110.00	261.16					260.90
112.99	261.09					260.88
116.03	261.02					260.84
120.00	260.91					260.79
124.49	260.76					260.70
125.03	260.74					260.69
130.00	260.63					260.61
133.85	260.55					260.54
139.46	260.46					260.43
140.00	260.45					260.42
143.00	260.36					260.32
150.00	260.20					260.09
151.99	260.28					260.23
160.00	260.21					260.04
163.89	260.23					260.12
170.00	260.18					259.94
170.40	260.17					259.93
172.94	260.16					259.98
180.00	260.11					259.82
184.46	260.07					259.81
184.99	260.07					259.84
185.23	260.03					259.85
190.00	260.02					259.83
194.49	259.98					259.82
194.00	259.98					259.82
195.23	259.94					259.83
195.99	259.94					259.83
204.99	259.88					259.83
205.95	259.88					259.82
207.23	259.86					259.81
210.00	259.85					259.81
215.49	259.81					259.80
218.90	259.79					259.80
220.00	259.78					259.80
225.99	259.74					259.80
226.40	259.72					259.81
230.00	259.71					259.80
233.49	259.67					259.80
240.00	259.66					259.85
242.40	259.64					259.84
243.89	259.62					259.84
250.00	259.60					259.90
262.40	259.57					259.87
265.40	259.55					259.87
270.00	259.51					259.86
273.95	259.49					259.80
280.00	259.96					259.75
290.00	259.80					259.70
290.30	259.79					259.69
292.42	259.78					259.69
300.00	259.75					259.65
307.08	259.72					259.62
310.00	259.71					259.61
315.99	259.68					259.57
320.00	259.65					259.55
330.00	259.60					259.50
340.00	259.57					259.45
342.03	259.57					259.44
343.24	259.57					259.44
343.98	259.57					259.43
343.01	259.51					259.42

D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS J M AR 04/09/20
 C KERB AMENDMENTS J M AR 15/05/20
 B AMENDMENTS AS PER COUNCIL COMMENTS AR J M NB 20/03/20
 A AS SUBMITTED TO COUNCIL AR J M NB 12/08/19

REVISION
 DES DWG CHK DATE

HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

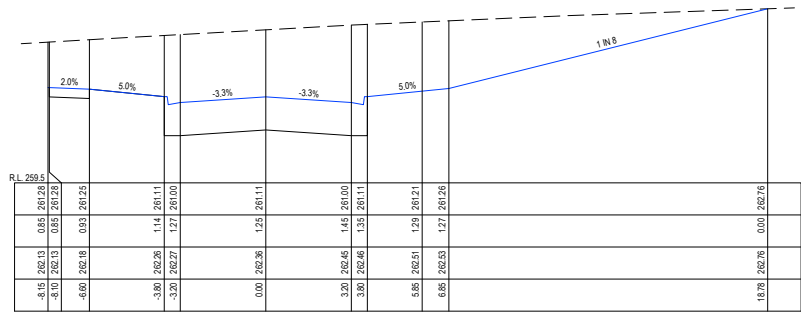
SCALE H 1:1,000 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP SERVICES.
 COPYRIGHT

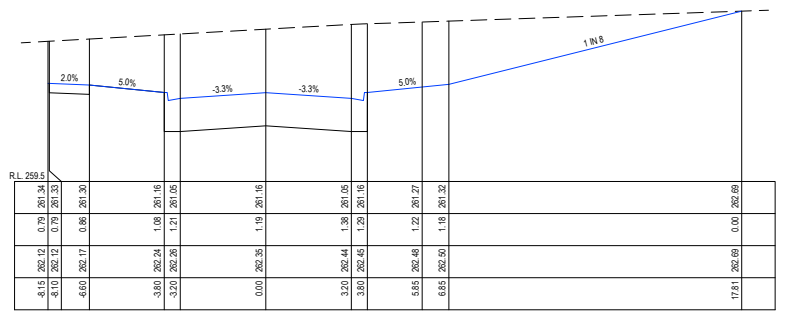
ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
ROADS & DRAINAGE CONSTRUCTION PLANS
MALLEEFOWL BVD (RS08) LONG SECTIONS
 MITCHELL SHIRE COUNCIL #RF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION S148801R25 / 39 D

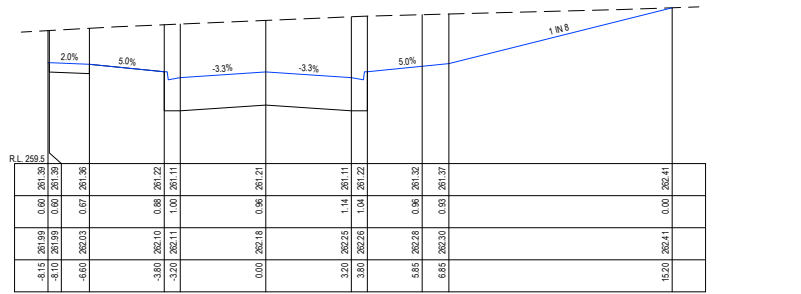
NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS.
 PLOT DATE: 10/09/2020 FILE C:\12\DATA\TOMKINSON\1205\1488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE_9\ENGINEERING\DESIGN\CA\STAGE 1\5148801.R25.CONSTRUCTION PLANS REV.DWG



CH 41.35



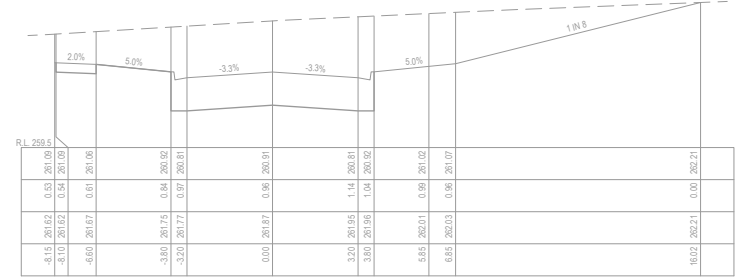
CH 30.85



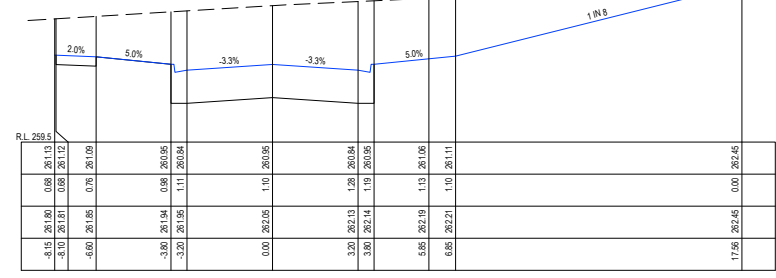
CH 20.35

DESIGN SURFACE	CUT/FILL	EXIST SURFACE	OFFSETS
-8.15	261.65	261.65	0.42
-3.10	261.65	261.65	0.42
-6.60	261.88	261.88	0.48
-3.80	261.94	261.94	0.68
-3.20	261.96	261.96	0.81
0.00	262.02	262.02	0.77
3.20	262.08	262.08	0.84
3.80	262.10	262.10	0.84
5.85	262.13	262.13	0.77
6.85	262.14	262.14	0.73
13.38	262.23	262.23	0.00

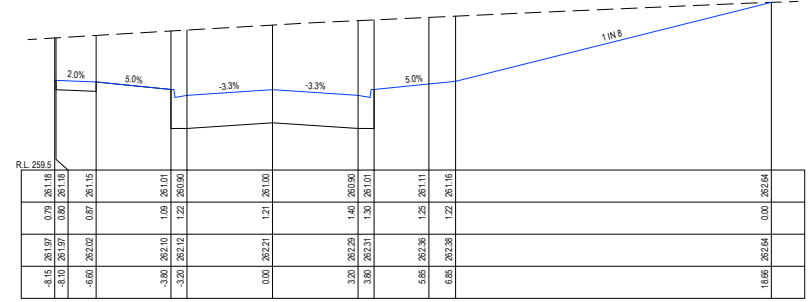
CH 11.95



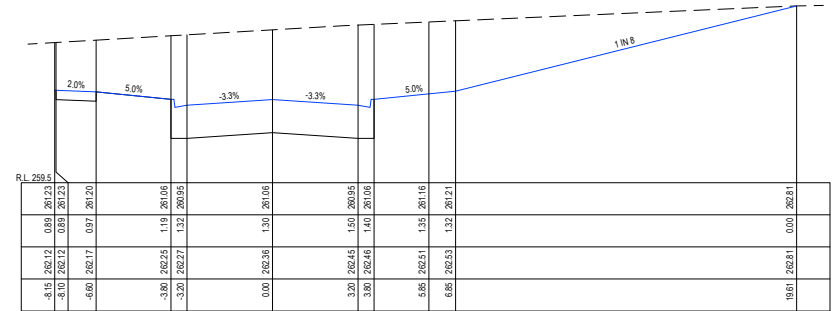
CH 80.69



CH 72.85



CH 62.35



CH 51.85

D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR	04/09/20
C	KERB AMENDMENTS	JM	AR	15/05/20
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	JM	20/03/20
A	AS SUBMITTED TO COUNCIL	AR	JM	12/08/19

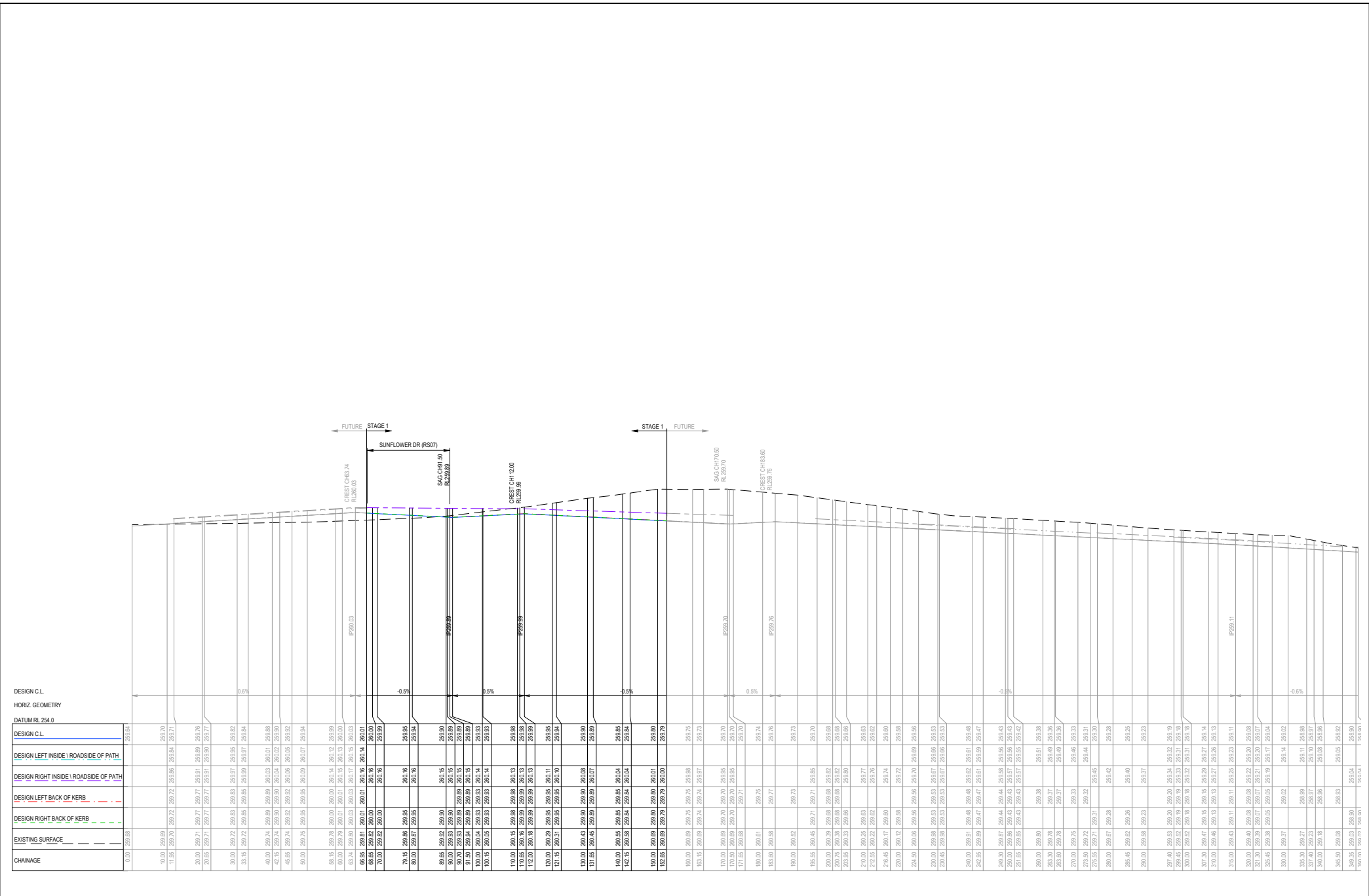
Tomkinson Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM



SCALE H 1:200 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3
 © COPYRIGHT THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
MALLEEFOWL BVD (RS08) CROSS SECTIONS
 MITCHELL SHIRE COUNCIL #R#F
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION S148801R26 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE: C:\12\DATA\10M\650-1205\15488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD, BEVERIDGE, 9 ENGINEERING DESIGN CAD STAGE 15 48801 R26 CONSTRUCTION PLANS REV 000



D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR	04/09/20	
C	KERB AMENDMENTS	JM	AR	15/05/20	
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	NB	20/03/20	
A	AS SUBMITTED TO COUNCIL	AR	JM	NB	12/08/19

REVISION	DES	DWG	CHK	DATE
----------	-----	-----	-----	------

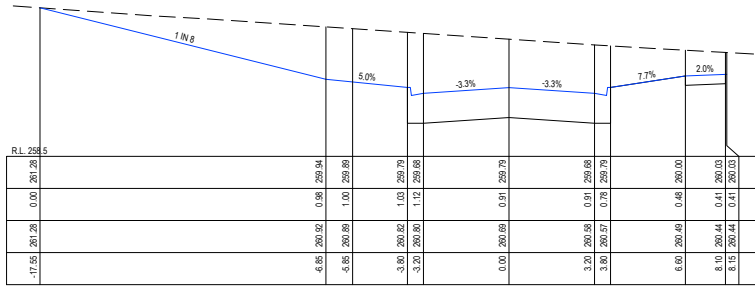
HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

SCALE H 1:1,000 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3
 © COPYRIGHT THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS20488

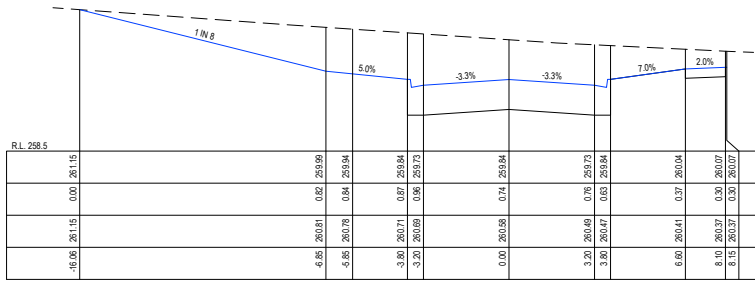
OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
ROADS & DRAINAGE CONSTRUCTION PLANS
POSSUM DR (RS09) LONG SECTIONS
 MITCHELL SHIRE COUNCIL #R#F
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:

FOR CONSTRUCTION S148801R27 / 39 D

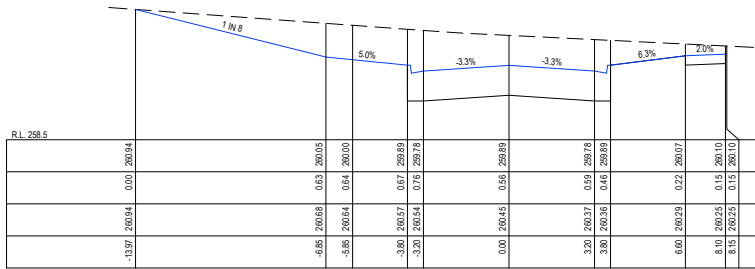
NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE C:\12\DATA\TOMKINGO\1205\1488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD. BEVERIDGE_9\ENGINEERING\DESIGN\CA\STAGE_1\148801.RBD_CONSTRUCTION PLANS REV.DWG



CH 152.65



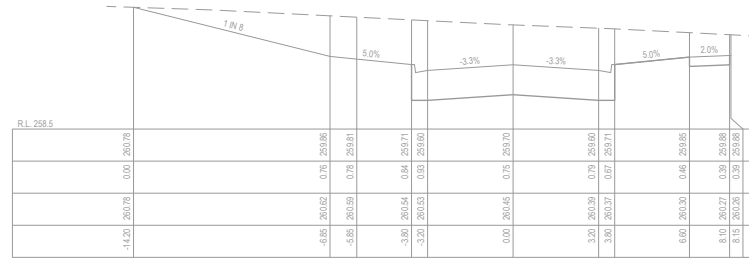
CH 142.15



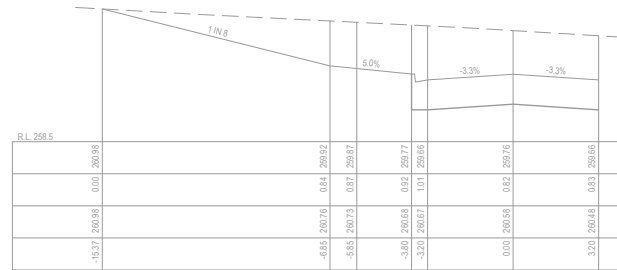
CH 131.65

RL 258.5	0.00	260.92	-11.00	260.92
DESIGN SURFACE	6.85	260.49	0.39	260.10
CUTFILL	6.85	260.46	0.41	260.05
EXIST SURFACE	3.20	260.41	0.46	260.95
OFFSETS	3.20	260.39	0.55	260.84
	0.00	260.31	0.37	260.94
	3.20	260.23	0.39	260.94
	3.80	260.22	0.27	260.95
	6.80	260.15	0.04	260.10
	8.10	260.11	-0.02	260.13
	8.15	260.11	-0.02	260.13

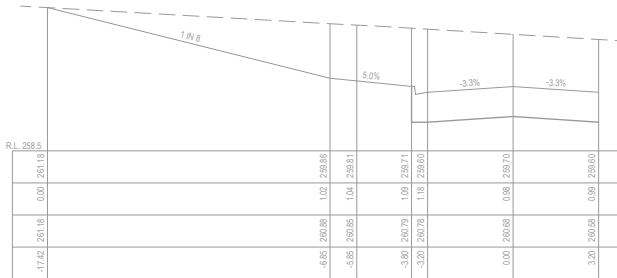
CH 121.15



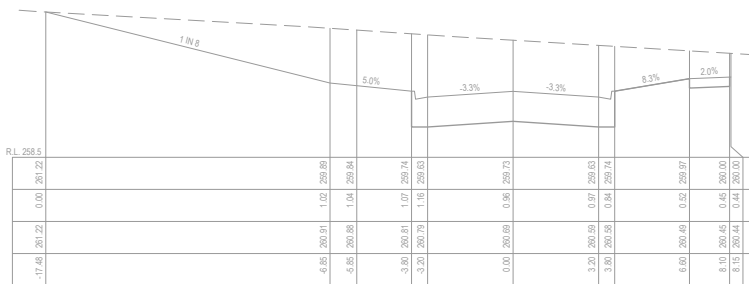
CH 195.55



CH 183.6



CH 171.65



CH 163.15

- D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
- C KERB AMENDMENTS
- B AMENDMENTS AS PER COUNCIL COMMENTS
- A AS SUBMITTED TO COUNCIL

	JM	AR	04/09/20	
	JM	AR	15/05/20	
	AR	NB	20/03/20	
	AR	JM	NB	12/08/19
REV	DES	DIWG	CHK	DATE



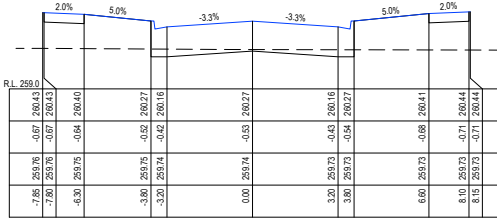
HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM



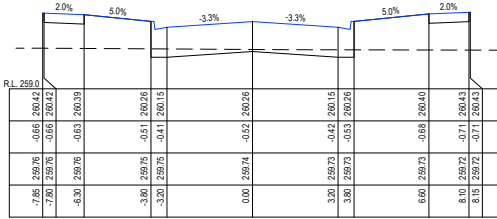
SCALE H 1:200 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3
 © COPYRIGHT THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
POSSUM DR (RS09) CROSS SECTIONS (2/2)
 MITCHELL SHIRE COUNCIL #RF5
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV:
FOR CONSTRUCTION S148801R29 / 39 **D**

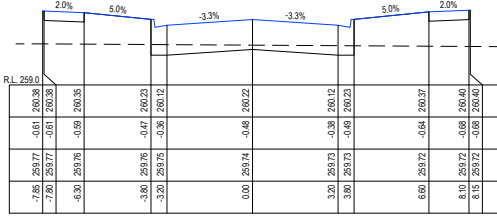
NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE C:\12\DATA\10MKG50-1205\154881 - THE CORCORIS GROUP DEVELOPMENTS PTY LTD - BEVERIDGE_9\ENGINEERING\DESIGN\CAD\STAGE 1\548801R29.DWG



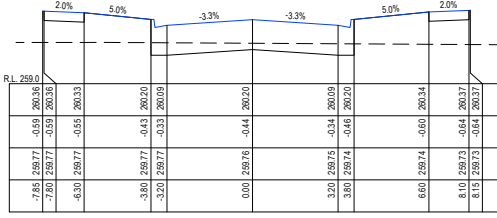
CH 28.65



CH 28.85



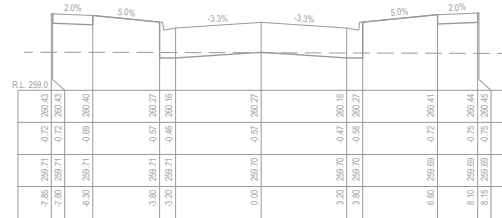
CH 20



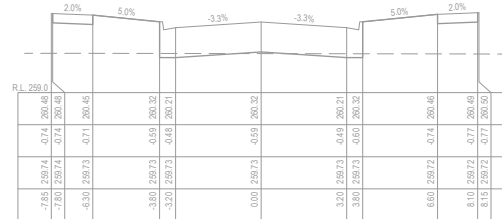
CH 14.95

DESIGN SURFACE	7.85	2597.7	-0.6	2603.3
CUT/FILL	7.80	2597.7	-0.6	2603.3
EXIST SURFACE	6.30	2597.7	-0.5	2603.3
OFFSETS	3.80	2597.7	-0.4	2602.0
	3.20	2597.7	-0.3	2601.8
	0.00	2597.6	-0.4	2602.0
	3.20	2597.5	-0.4	2602.0
	3.80	2597.5	-0.6	2602.0
	6.00	2597.4	-0.6	2603.4
	8.10	2597.3	-0.6	2603.7
	8.15	2597.3	-0.6	2603.7

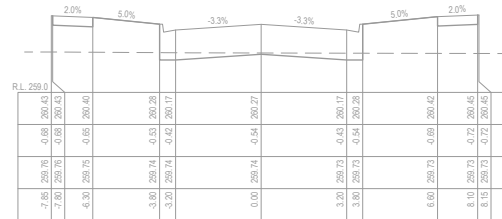
CH 14.8



CH 50



CH 40



CH 30

- D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
- C KERB AMENDMENTS
- B AMENDMENTS AS PER COUNCIL COMMENTS
- A AS SUBMITTED TO COUNCIL

JM AR 04/09/20
JM AR 15/05/20
JM NB 20/03/20
JM NB 12/08/19

REV DESIWN CHK DATE



HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
ABN 11 103 336 358 WWW.TOMKINSON.COM



SCALE H 1:200 V 1:100
LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
COPYRIGHT

ISO 9001:2015 Quality Management

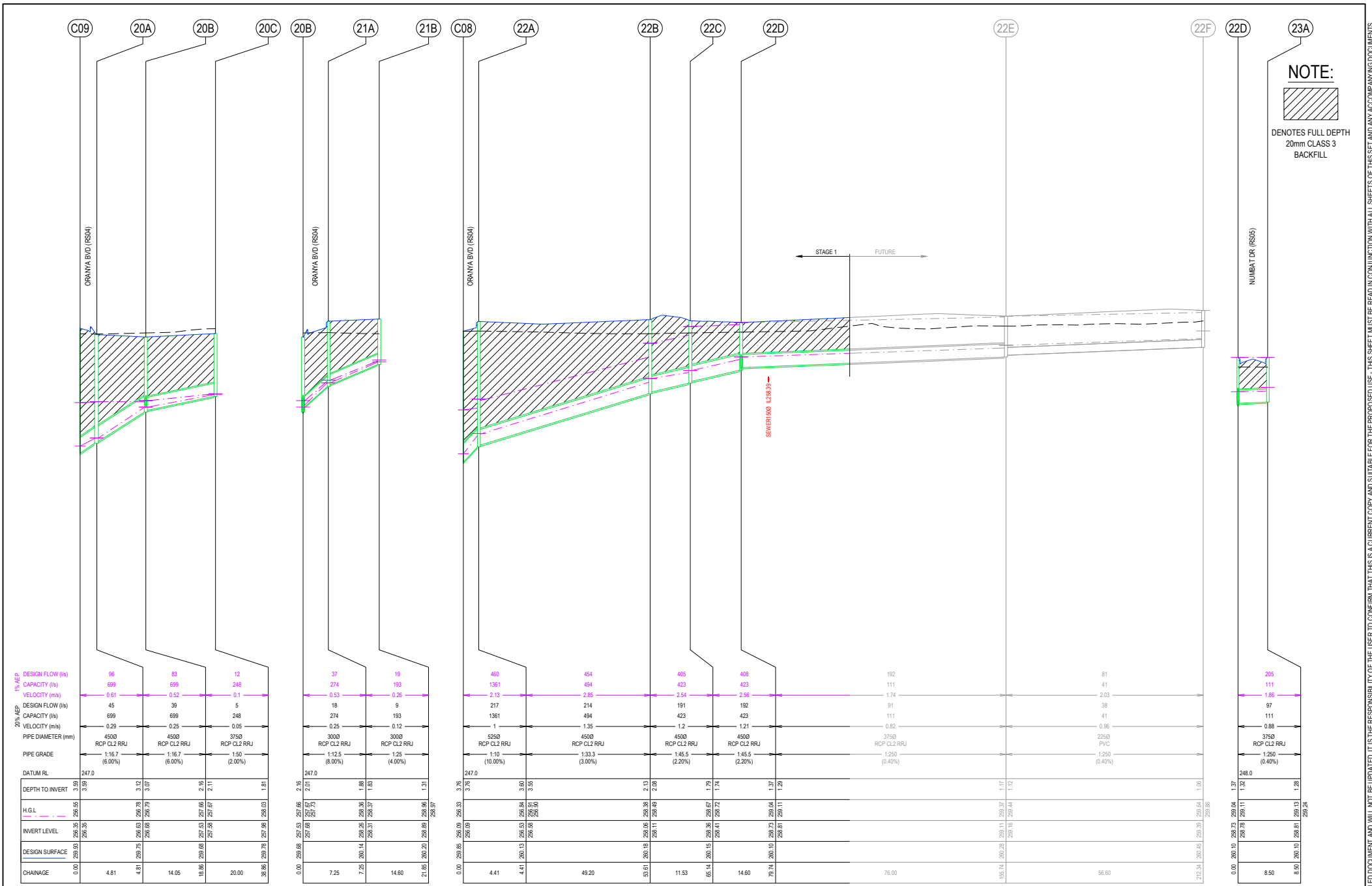
DUAL BEFORE YOU DIG

FS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
ROADS & DRAINAGE CONSTRUCTION PLANS
WILLOWLEAF ST (RS33) CROSS SECTIONS
MITCHELL SHIRE COUNCIL BR/EF
THE CORCORIS GROUP DEVELOPMENTS PTY LTD

FOR CONSTRUCTION S148801R31 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE C:\12\DATA\TOM\MS60-1205\RS1488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD. BEVERIDGE_9\ENGINEERING\DESIGN\CAD\STAGE 1\5 48801 R31.DWG



NOTE:



DENOTES FULL DEPTH
20mm CLASS 3
BACKFILL

SECTION	DESIGN FLOW (l/s)	CAPACITY (l/s)	VELOCITY (m/s)	PIPE DIAMETER (mm)	PIPE GRADE	DATUM RL	DEPTH TO INVERT	H.G.L.	INVERT LEVEL	DESIGN SURFACE	CHANGINGE
C09	96	699	0.61	4500	RCP CL2 RRU	247.0	3.99	256.55	256.35	256.93	0.00
20A	83	699	0.52	4500	RCP CL2 RRU	247.0	3.12	256.78	256.79	256.75	4.81
20B	12	248	0.1	3750	RCP CL2 RRU	247.0	3.07	256.96	256.96	256.96	14.05
20C											16.86
20B	37	274	0.53	3000	RCP CL2 RRU	247.0	2.15	257.55	257.57	257.55	7.25
21A	19	193	0.26	3000	RCP CL2 RRU	247.0	2.10	257.55	257.57	257.55	12.88
21B											14.60
C08	460	1361	2.13	5250	RCP CL2 RRU	247.0	3.76	256.09	256.35	256.93	4.41
22A	454	494	2.85	4500	RCP CL2 RRU	247.0	3.60	256.84	256.90	256.93	4.41
22B	405	423	2.54	4500	RCP CL2 RRU	247.0	2.13	256.96	256.96	256.96	56.61
22C	408	423	2.56	4500	RCP CL2 RRU	247.0	2.08	256.96	256.96	256.96	11.53
22D	192	111	1.74	3750	RCP CL2 RRU	247.0	1.79	256.67	256.72	256.72	65.14
22E	81	91	0.82	2250	PVC	246.0	1.17	256.81	256.81	256.81	14.60
22F	205	111	1.86	3750	RCP CL2 RRU	246.0	1.37	256.94	256.94	256.94	39.74
22D	111	111	1.11	3750	RCP CL2 RRU	246.0	1.29	256.81	256.81	256.81	76.00
23A	111	111	1.11	3750	RCP CL2 RRU	246.0	1.28	256.81	256.81	256.81	156.74
	97	111	1.11	3750	RCP CL2 RRU	246.0	1.37	256.94	256.94	256.94	156.74
	88	111	1.11	3750	RCP CL2 RRU	246.0	1.37	256.94	256.94	256.94	156.74
	0.88	111	1.11	3750	RCP CL2 RRU	246.0	1.37	256.94	256.94	256.94	156.74
	0.96	111	1.11	3750	RCP CL2 RRU	246.0	1.37	256.94	256.94	256.94	156.74
	0.40%	111	1.11	3750	RCP CL2 RRU	246.0	1.37	256.94	256.94	256.94	156.74
	1.250	111	1.11	3750	RCP CL2 RRU	246.0	1.37	256.94	256.94	256.94	156.74
	0.40%	111	1.11	3750	RCP CL2 RRU	246.0	1.37	256.94	256.94	256.94	156.74
	8.50	111	1.11	3750	RCP CL2 RRU	246.0	1.37	256.94	256.94	256.94	156.74
	8.50	111	1.11	3750	RCP CL2 RRU	246.0	1.37	256.94	256.94	256.94	156.74

D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
 C KERB AMENDMENTS
 B AMENDMENTS AS PER COUNCIL COMMENTS
 A AS SUBMITTED TO COUNCIL

REVISION

DES DWG CHK DATE

HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

SCALE H 1:1,000 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.

ISO 9001:2015 Quality Management

DUAL BEFORE YOU DIG

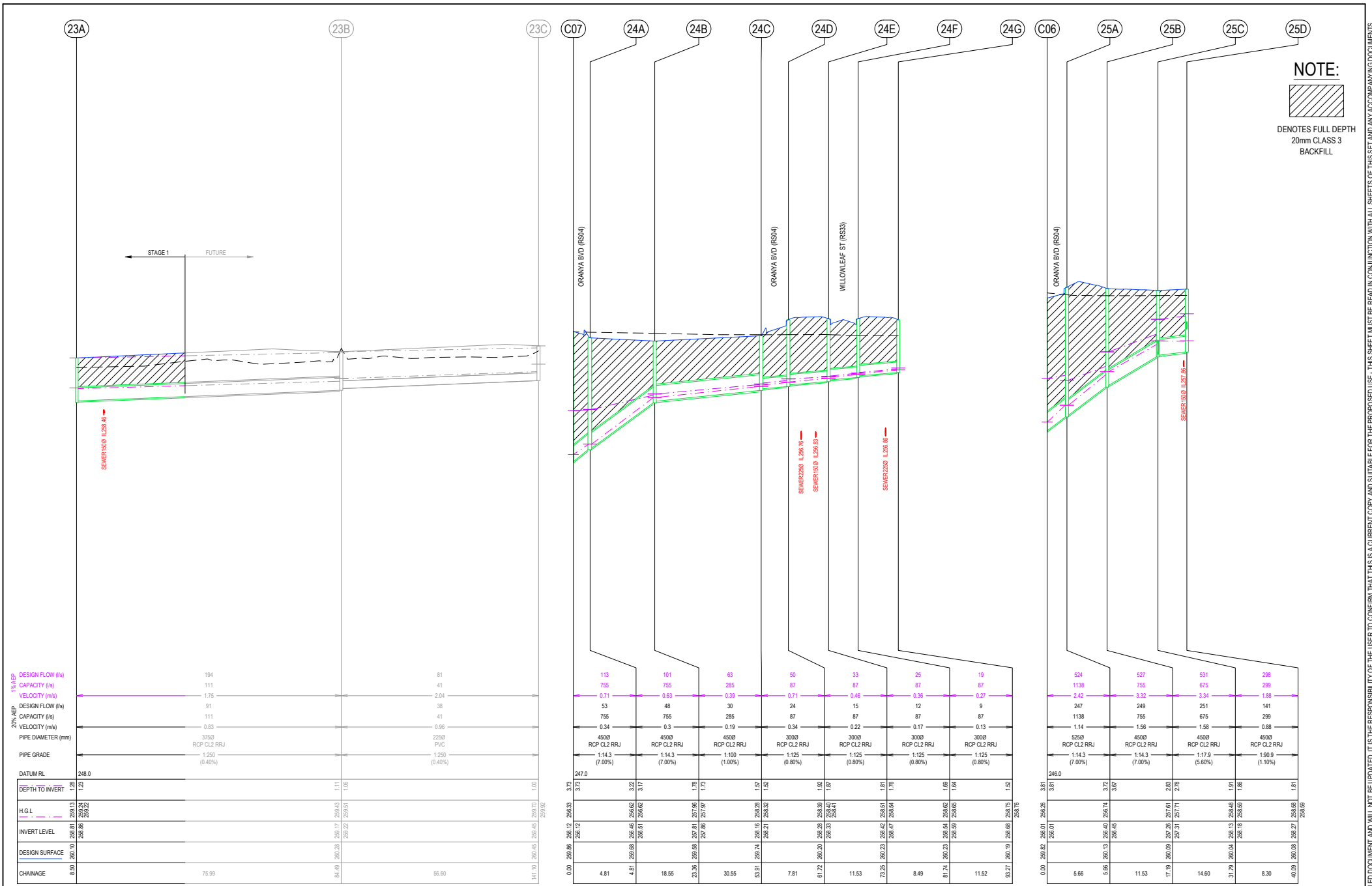
FOR CONSTRUCTION


OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
ROADS & DRAINAGE CONSTRUCTION PLANS
DRAINAGE LONG SECTIONS (1/7)

MITCHELL SHIRE COUNCIL REF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD

DWG STATUS: PROJECT & DWG No: REV: 15148801R32 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE C:\12\DATA\TOM\15148801R32\15148801R32.DWG - THE CORCORIS GROUP DEVELOPMENT PTY LTD, BEVERIDGE, 9/ENGINEERING DESIGN/STAGE 1/15148801R32.DWG



NOTE:

 DENOTES FULL DEPTH
 20mm CLASS 3
 BACKFILL

D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
 C KERB AMENDMENTS
 B AMENDMENTS AS PER COUNCIL COMMENTS
 A AS SUBMITTED TO COUNCIL

REVISION

DES DWG CHK DATE

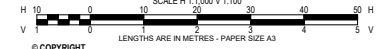


Tomkinson Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM





OORANYA ESTATE

SCALE H 1:1,000 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3



© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR REPRODUCING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.

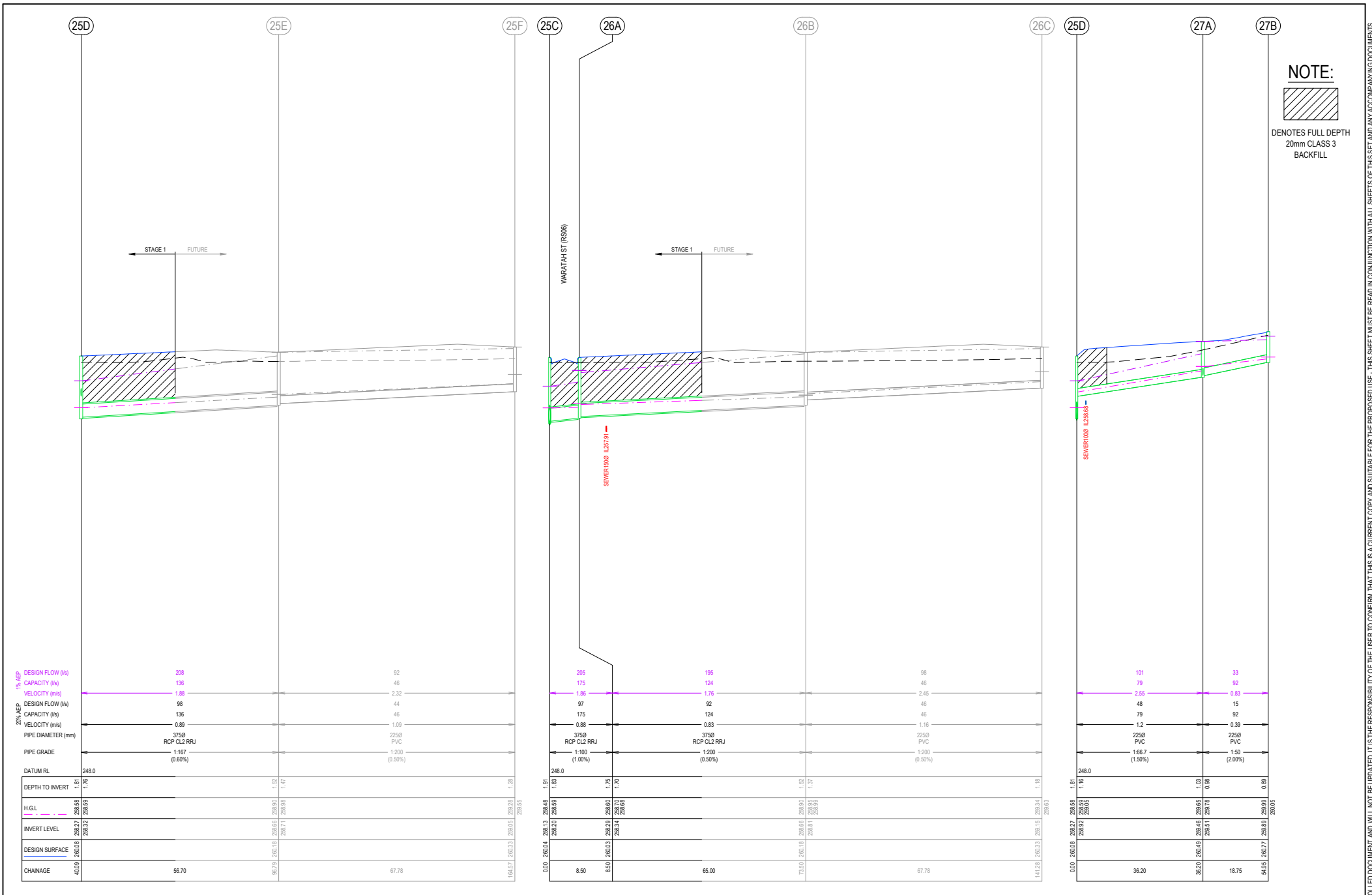



FS20488

**OORANYA ESTATE - STAGE 1
 WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 DRAINAGE LONG SECTIONS (2/7)**

MITCHELL SHIRE COUNCIL #R#F
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV: **FOR CONSTRUCTION** S148801R33 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. FILE: C:\12\DATA\10\48801\1205\15\48801_9\ENGINEERING\DESIGN\CAD\STAGE 1\148801_R3D_CONSTRUCTION PLANS REV.DWG



D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS . JM AR 04/09/20
 C KERB AMENDMENTS . JM AR 15/05/20
 B AMENDMENTS AS PER COUNCIL COMMENTS AR JM N/B 20/03/20
 A AS SUBMITTED TO COUNCIL AR JM N/B 12/08/19

REV _____ REVISION _____ DES DWG CHK DATE _____

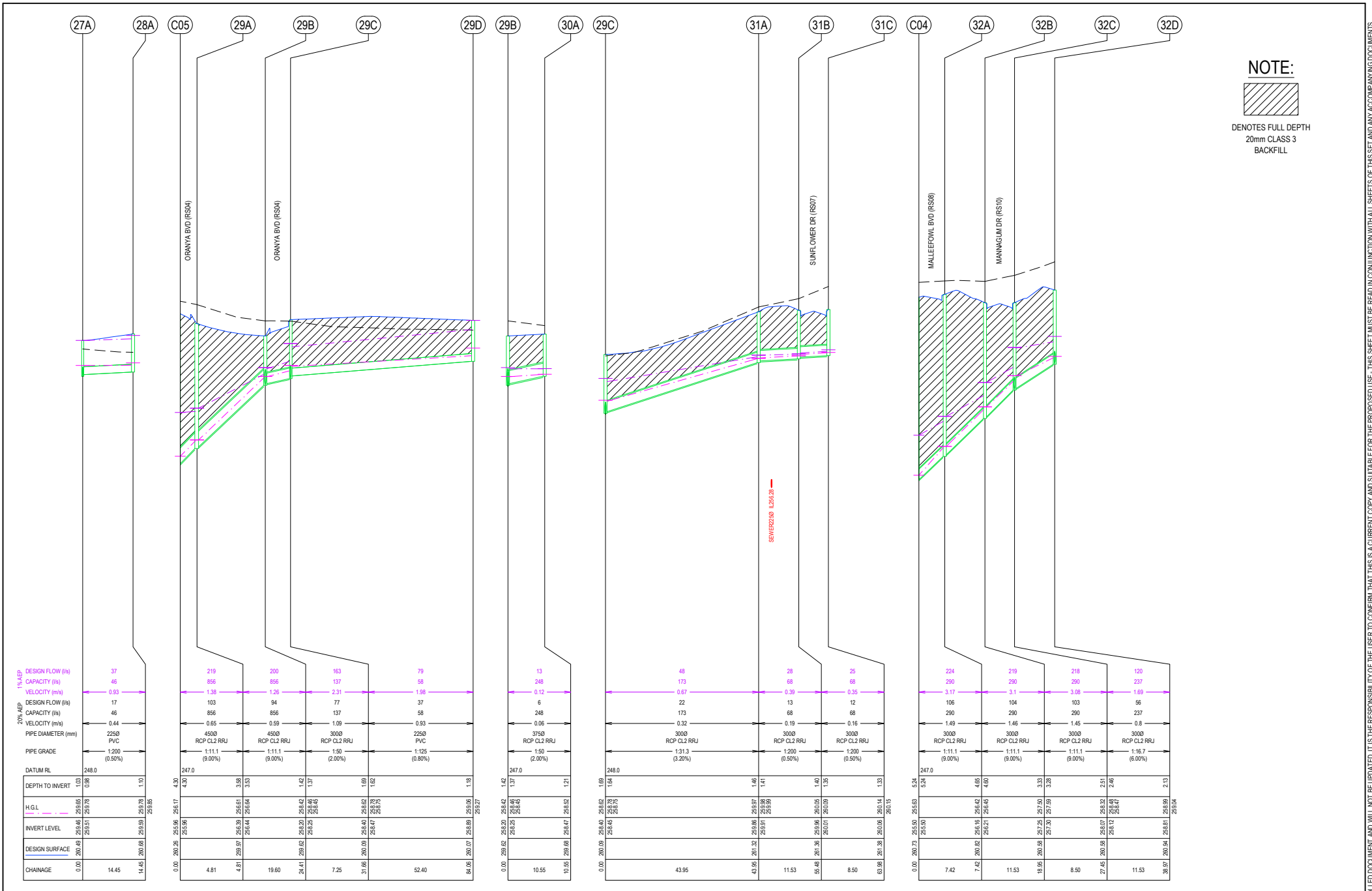
Tomkinson Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

OORANYA ESTATE
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT

SCALE H 1:1,000 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3
 © COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 COPYRIGHT
 ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 www.7100.com.au

**OORANYA ESTATE - STAGE 1
 WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 DRAINAGE LONG SECTIONS (3/7)**
 MITCHELL SHIRE COUNCIL #REF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: _____ PROJECT & DWG No: _____ REV: _____
FOR CONSTRUCTION S148801R34 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE: C:\12\DATA\TOM\BEGO-1205\S1488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE_9\ENGINEERING\DESIGN\CAD\STAGE_1\148801R34.DWG



NOTE:

 DENOTES FULL DEPTH
 20mm CLASS 3
 BACKFILL

20% AEP	DESIGN FLOW (l/s)	37
	CAPACITY (l/s)	46
	VELOCITY (m/s)	0.93
1% AEP	DESIGN FLOW (l/s)	17
	CAPACITY (l/s)	46
	VELOCITY (m/s)	0.44
	PIPE DIAMETER (mm)	2250
	PIPE GRADE	1:200 (0.50%)
	DATUM RL	248.0
	DEPTH TO INVERT	1.03
	H.G.L.	248.05
	INVERT LEVEL	247.02
	DESIGN SURFACE	248.05
	CHAINAGE	0.00

20% AEP	DESIGN FLOW (l/s)	219
	CAPACITY (l/s)	856
	VELOCITY (m/s)	1.38
1% AEP	DESIGN FLOW (l/s)	103
	CAPACITY (l/s)	856
	VELOCITY (m/s)	0.65
	PIPE DIAMETER (mm)	4500
	PIPE GRADE	1:111 (9.00%)
	DATUM RL	247.0
	DEPTH TO INVERT	4.30
	H.G.L.	251.36
	INVERT LEVEL	247.06
	DESIGN SURFACE	251.36
	CHAINAGE	4.81

20% AEP	DESIGN FLOW (l/s)	200
	CAPACITY (l/s)	856
	VELOCITY (m/s)	1.26
1% AEP	DESIGN FLOW (l/s)	94
	CAPACITY (l/s)	856
	VELOCITY (m/s)	0.59
	PIPE DIAMETER (mm)	3000
	PIPE GRADE	1:50 (2.00%)
	DATUM RL	247.0
	DEPTH TO INVERT	1.09
	H.G.L.	248.09
	INVERT LEVEL	246.99
	DESIGN SURFACE	248.09
	CHAINAGE	7.25

20% AEP	DESIGN FLOW (l/s)	163
	CAPACITY (l/s)	137
	VELOCITY (m/s)	2.31
1% AEP	DESIGN FLOW (l/s)	77
	CAPACITY (l/s)	137
	VELOCITY (m/s)	1.00
	PIPE DIAMETER (mm)	3000
	PIPE GRADE	1:50 (2.00%)
	DATUM RL	247.0
	DEPTH TO INVERT	1.21
	H.G.L.	248.21
	INVERT LEVEL	246.99
	DESIGN SURFACE	248.21
	CHAINAGE	10.55

20% AEP	DESIGN FLOW (l/s)	79
	CAPACITY (l/s)	58
	VELOCITY (m/s)	1.98
1% AEP	DESIGN FLOW (l/s)	37
	CAPACITY (l/s)	58
	VELOCITY (m/s)	0.93
	PIPE DIAMETER (mm)	2250
	PIPE GRADE	1:125 (0.80%)
	DATUM RL	248.0
	DEPTH TO INVERT	1.09
	H.G.L.	249.09
	INVERT LEVEL	247.99
	DESIGN SURFACE	249.09
	CHAINAGE	52.40

20% AEP	DESIGN FLOW (l/s)	13
	CAPACITY (l/s)	248
	VELOCITY (m/s)	0.12
1% AEP	DESIGN FLOW (l/s)	6
	CAPACITY (l/s)	248
	VELOCITY (m/s)	0.06
	PIPE DIAMETER (mm)	3750
	PIPE GRADE	1:50 (2.00%)
	DATUM RL	247.0
	DEPTH TO INVERT	1.21
	H.G.L.	248.21
	INVERT LEVEL	246.99
	DESIGN SURFACE	248.21
	CHAINAGE	10.55

20% AEP	DESIGN FLOW (l/s)	48
	CAPACITY (l/s)	173
	VELOCITY (m/s)	0.67
1% AEP	DESIGN FLOW (l/s)	22
	CAPACITY (l/s)	173
	VELOCITY (m/s)	0.32
	PIPE DIAMETER (mm)	3000
	PIPE GRADE	1:113 (3.20%)
	DATUM RL	248.0
	DEPTH TO INVERT	1.04
	H.G.L.	249.04
	INVERT LEVEL	247.99
	DESIGN SURFACE	249.04
	CHAINAGE	43.95

20% AEP	DESIGN FLOW (l/s)	28
	CAPACITY (l/s)	68
	VELOCITY (m/s)	0.39
1% AEP	DESIGN FLOW (l/s)	13
	CAPACITY (l/s)	68
	VELOCITY (m/s)	0.19
	PIPE DIAMETER (mm)	3000
	PIPE GRADE	1:200 (0.50%)
	DATUM RL	248.0
	DEPTH TO INVERT	1.35
	H.G.L.	249.35
	INVERT LEVEL	247.99
	DESIGN SURFACE	249.35
	CHAINAGE	11.53

20% AEP	DESIGN FLOW (l/s)	25
	CAPACITY (l/s)	68
	VELOCITY (m/s)	0.35
1% AEP	DESIGN FLOW (l/s)	12
	CAPACITY (l/s)	68
	VELOCITY (m/s)	0.16
	PIPE DIAMETER (mm)	3000
	PIPE GRADE	1:200 (0.50%)
	DATUM RL	248.0
	DEPTH TO INVERT	1.33
	H.G.L.	249.33
	INVERT LEVEL	247.99
	DESIGN SURFACE	249.33
	CHAINAGE	63.98

20% AEP	DESIGN FLOW (l/s)	224
	CAPACITY (l/s)	290
	VELOCITY (m/s)	3.17
1% AEP	DESIGN FLOW (l/s)	106
	CAPACITY (l/s)	290
	VELOCITY (m/s)	1.49
	PIPE DIAMETER (mm)	3000
	PIPE GRADE	1:113 (9.00%)
	DATUM RL	247.0
	DEPTH TO INVERT	5.24
	H.G.L.	252.24
	INVERT LEVEL	246.99
	DESIGN SURFACE	252.24
	CHAINAGE	7.42

D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
 C KERB AMENDMENTS
 B AMENDMENTS AS PER COUNCIL COMMENTS
 A AS SUBMITTED TO COUNCIL

DESIGNER: J M AR 04/09/20
 J M AR 15/05/20
 AR J M NB 20/03/20
 AR J M NB 12/08/19

REVISION: DES DWG CHK DATE

Tomkinson Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

ORANVIA ESTATE

SCALE H 1:1,000 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3

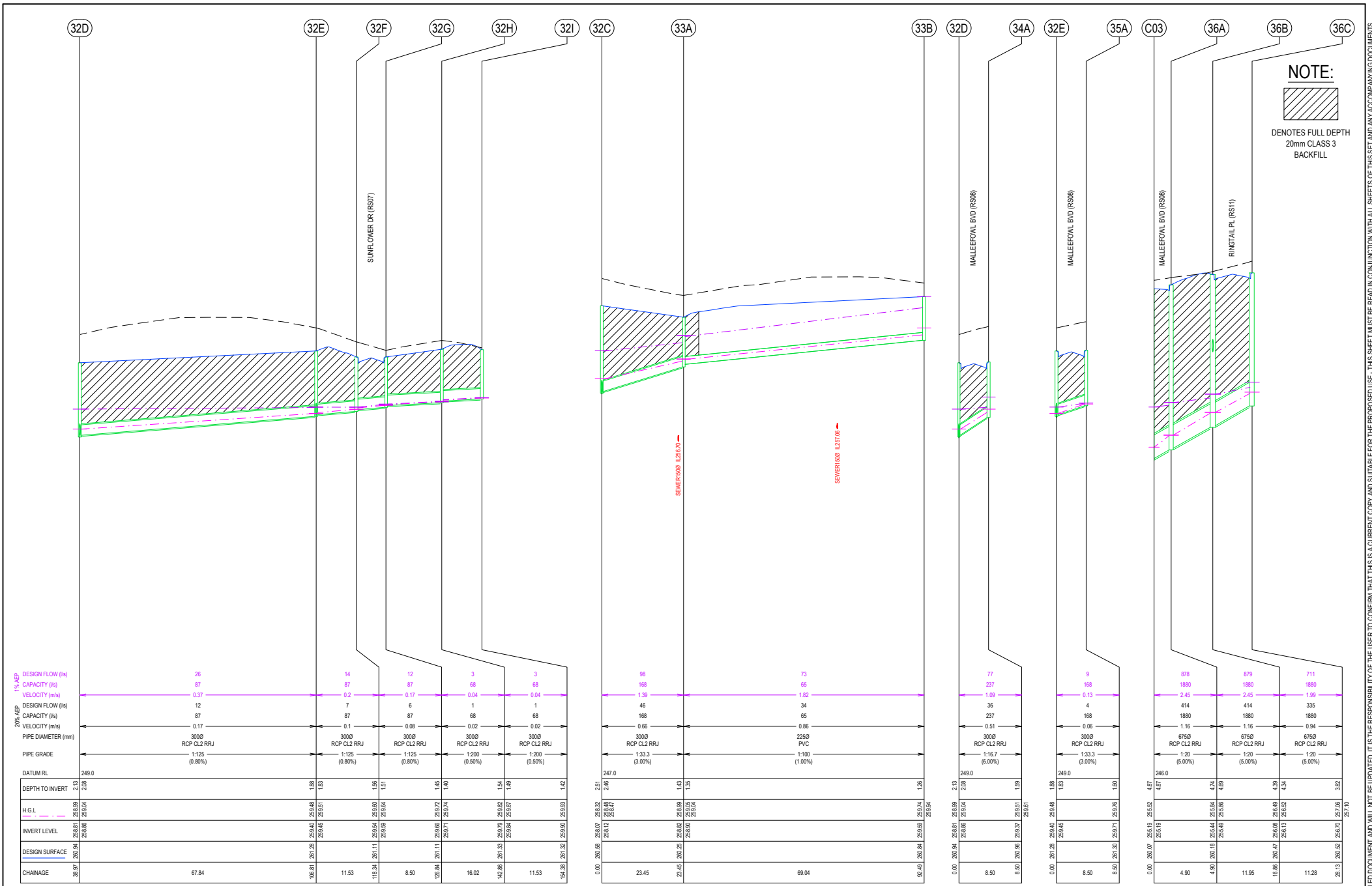
© COPYRIGHT THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN. COPYRIGHT

ISO 9001:2015 Quality Management
 DUAL BEFORE YOU DIG
 FSS20488

**ORANVIA ESTATE - STAGE 1
 WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 DRAINAGE LONG SECTIONS (4/7)**

MITCHELL SHIRE COUNCIL #R/F
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV: FOR CONSTRUCTION S148801R35 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. PLOT DATE: 10/09/2020 FILE: C:\12\DATA\10M\ISS0-1205\15488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD, BEVERIDGE, 9/ENGINEERING DESIGN\STAGE 1\148801 R&D CONSTRUCTION PLANS REV.DWG



D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS
 C KERB AMENDMENTS
 B AMENDMENTS AS PER COUNCIL COMMENTS
 A AS SUBMITTED TO COUNCIL

DESIGNER: J.M. AR 04/09/20
 CHECKER: J.M. AR 15/05/20
 APPROVED: AR J.M. NB 20/03/20
 DATE: AR J.M. NB 12/08/19

REVISION: DES DWG CHK DATE

Tomkinson Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

OORANYA ESTATE

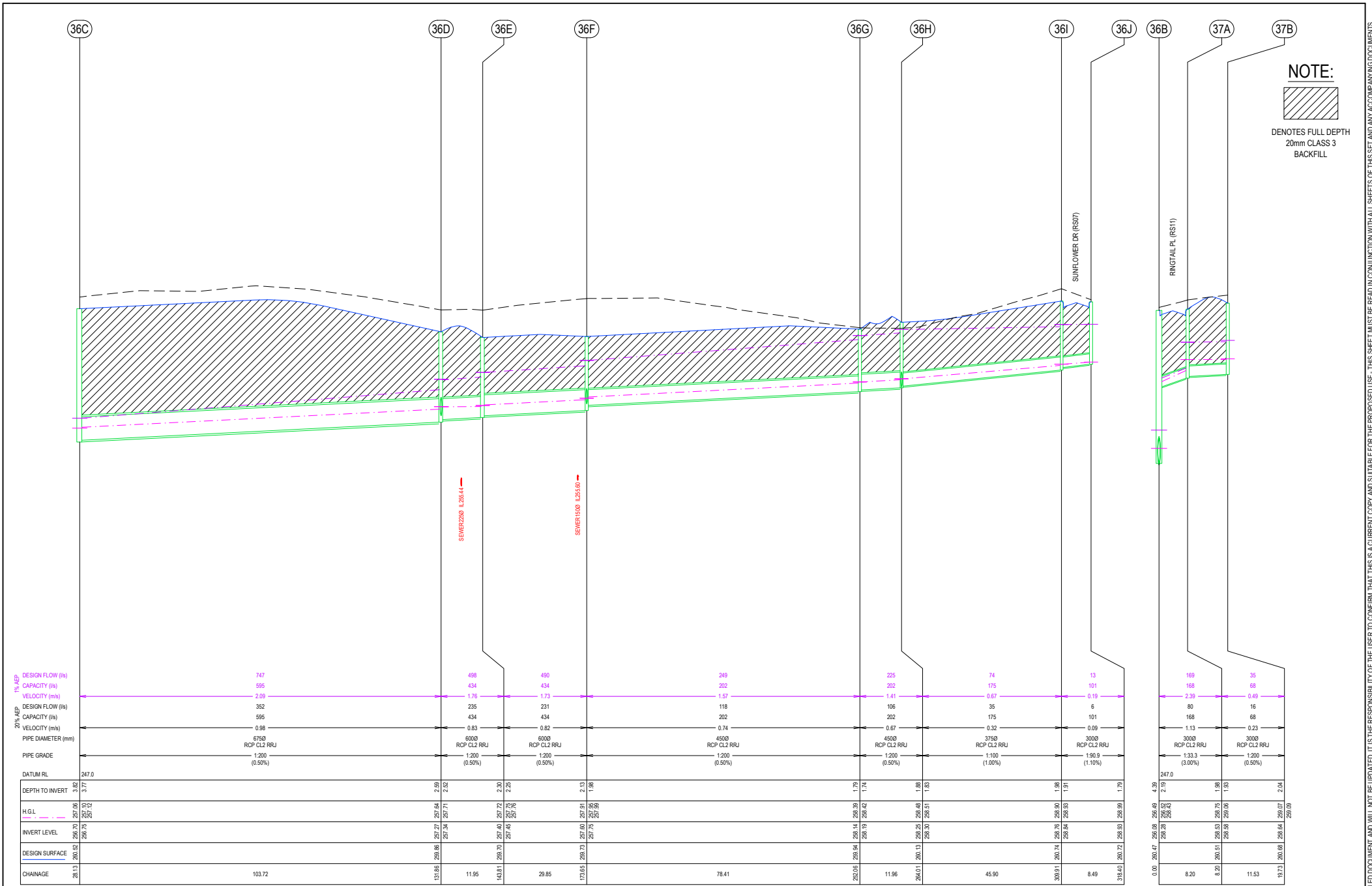
SCALE H 1:1,000 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR REPRODUCING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 FSS20488

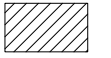
OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 DRAINAGE LONG SECTIONS (S/7)

MITCHELL SHIRE COUNCIL #RF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV: FOR CONSTRUCTION S148801R36 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS. FILE: C:\12\DATA\10\MBGG-1205\151488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE - 9\ENGINEERING\DESIGN\CAD\STAGE 1\148801.R36.DWG



NOTE:



DENOTES FULL DEPTH
20mm CLASS 3
BACKFILL

D UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS . JM AR 04/09/20
 C KERB AMENDMENTS . JM AR 15/05/20
 B AMENDMENTS AS PER COUNCIL COMMENTS AR JM NB 20/03/20
 A AS SUBMITTED TO COUNCIL AR JM NB 12/08/19

REV REVISION DES DWG CHK DATE

HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

SCALE H 1:1,000 V 1:100

LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR USING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.

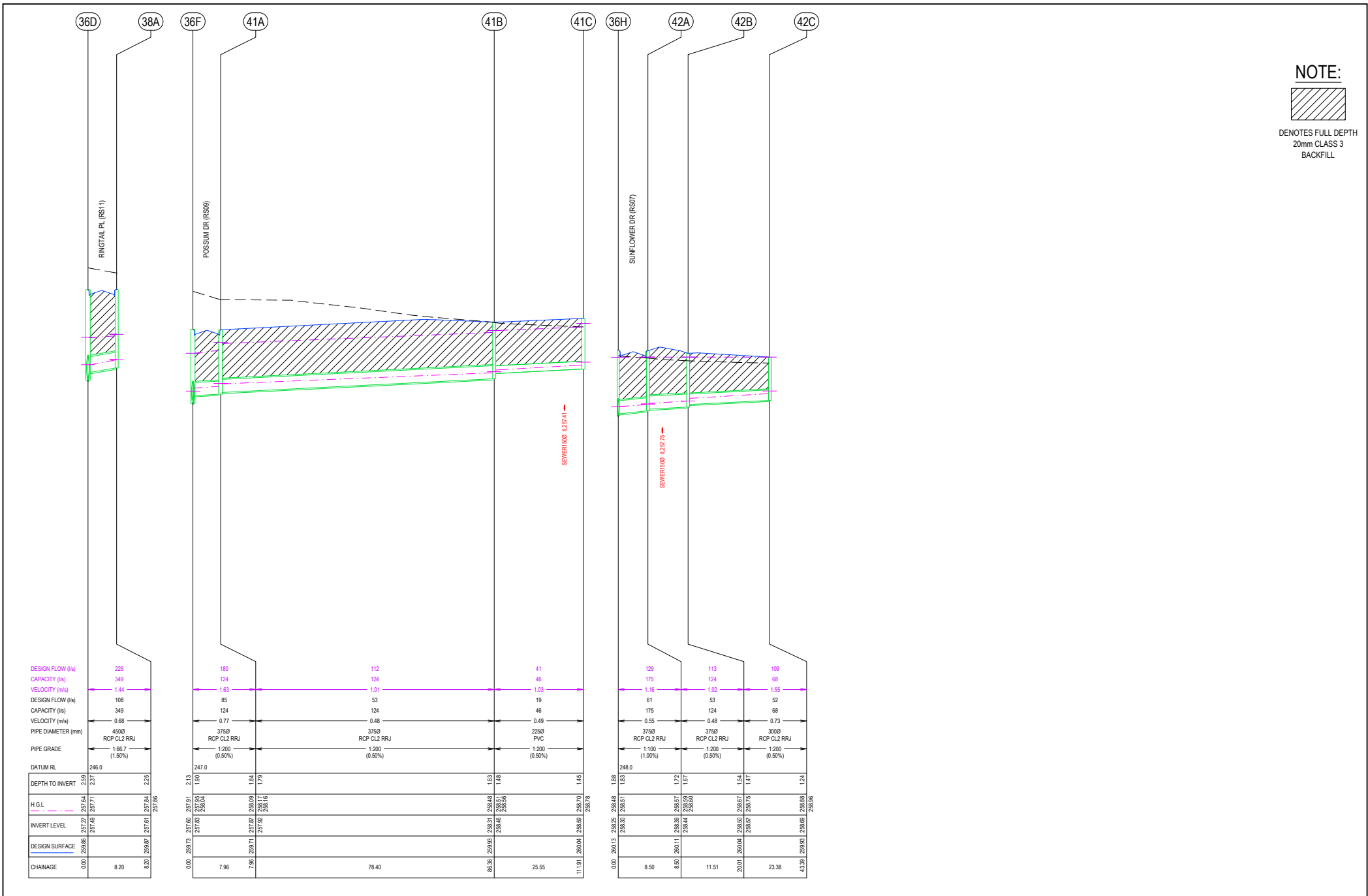
FS20488

OORANYA ESTATE - STAGE 1
WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 DRAINAGE LONG SECTIONS (6/7)

MITCHELL SHIRE COUNCIL REF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD

DWG STATUS: PROJECT & DWG No: REV: **FOR CONSTRUCTION** S148801R37 / 39 D

NOTE: THIS IS AN UNCONTROLLED DOCUMENT AND WILL NOT BE UPDATED. IT IS THE RESPONSIBILITY OF THE USER TO CONFIRM THAT THIS IS A CURRENT COPY AND SUITABLE FOR THE PROPOSED USE. THIS SHEET MUST BE READ IN CONJUNCTION WITH ALL SHEETS OF THIS SET AND ANY ACCOMPANYING DOCUMENTS.
 PLOT DATE: 10/09/2020 FILE C:\12\DATA\TOM\MS60-1205\15488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD - BEVERIDGE_9\ENGINEERING\DESIGN\CAD\STAGE 1\5148801R37.DWG



NOTE:



DENOTES FULL DEPTH
20mm CLASS 3
BACKFILL

D	UPDATED PAVEMENT DETAILS, STREET NAMES, RESERVE LANDSCAPING, PSM & TBM LOCATIONS	JM	AR	04/09/20	
C	KERB AMENDMENTS	JM	AR	15/05/20	
B	AMENDMENTS AS PER COUNCIL COMMENTS	AR	JM	NJB	20/03/20
A	AS SUBMITTED TO COUNCIL	AR	JM	NJB	12/08/19

Tomkinson Group
 HEAD OFFICE: 57 MYERS STREET BENDIGO 3550 PH 03 5445 8700
 ABN 11 103 336 358 WWW.TOMKINSON.COM

OORANYA ESTATE

SCALE H 1:1,000 V 1:100
 LENGTHS ARE IN METRES - PAPER SIZE A3

© COPYRIGHT
 THE INFORMATION CONTAINED ON THIS DRAWING IS THE INTELLECTUAL PROPERTY OF TOMKINSON GROUP. COPYING OR REPRODUCING THIS DRAWING IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF TOMKINSON GROUP HEREBY FORBIDDEN.
 ISO 9001:2015 Quality Management

**OORANYA ESTATE - STAGE 1
 WHITESIDE ST - BEVERIDGE
 ROADS & DRAINAGE CONSTRUCTION PLANS
 DRAINAGE LONG SECTIONS (7/7)**

MITCHELL SHIRE COUNCIL #REF
 THE CORCORIS GROUP DEVELOPMENTS PTY LTD
 DWG STATUS: PROJECT & DWG No: REV: 15/09/2020 FILE C:\12\DATA\TOMKINGO-1205\15488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD, BEVERIDGE - 9\ENGINEERING\DESIGN\CAD\STAGE 1\148801.RD, CONSTRUCTION PLANS REV/DWG

FOR CONSTRUCTION S148801R38 / 39 D

PIT SCHEDULE												
PIT NAME	TYPE	EASTING	NORTHING	INTERNAL WD	INLET LEN	INV	OUTLET	INV	PIT	DEPTH	REMARKS	
C09	PIPE CONNECTION - NO STRUCTURE	319652.90	5850213.27	0	0	450	256.35		259.93	3.59		
20A	GIP	319648.88	5850217.01	900	900	450	256.69	450	259.75	3.12	EDCM605 + MW GRATE SD 7251/08/423	
20B	GIP	319651.40	5850230.98	900	900	375	257.58	450	257.53	2.16	EDCM605 + MW GRATE SD 7251/08/423	
						300	257.68					
20C	GIP	319653.55	5850250.87	900	900			375	257.98	259.783	1.805	EDCM605 + MW GRATE SD 7251/08/423
21A	JP	319658.60	5850230.20	600	900	300	258.31	300	258.26	260.14	1.88	EDCM605
21B	GSEP	319657.03	5850215.69	600	900			300	258.89	260.20	1.31	EDCM601
C08	PIPE CONNECTION - NO STRUCTURE	319645.00	5850140.23	0	0	525	256.09		259.85	3.762		
22A	GSEP	319649.06	5850141.97	600	900	450	256.58	525	256.53	260.13	3.60	EDCM601
22B	GSEP	319654.35	5850190.88	600	900	450	258.11	450	258.06	260.18	2.13	EDCM601
22C	JP	319663.33	5850198.11	600	900	450	258.41	450	258.36	260.15	1.79	EDCM605
22D	GSEP	319677.85	5850196.54	600	900	375	258.81	450	258.73	260.10	1.37	EDCM602
						375	258.78					
22E	GSEP	319753.406	5850188.36	600	900	225	259.16	375	259.11	260.28	1.17	EDCM602
22F	JP	319809.675	5850182.277	600	900			225	259.39	260.445	1.059	EDCM605
23A	GSEP	319678.76	5850204.99	600	900	375	258.87	375	258.82	260.10	1.28	EDCM602
23B	GSEP	319754.31	5850196.82	600	900	225	259.22	375	259.17	260.28	1.11	EDCM602
23C	JP	319810.59	5850190.73	600	900			225	259.45	260.45	1.00	EDCM605
C07	PIPE CONNECTION - NO STRUCTURE	319648.89	5850139.20	0	0	450	256.12		259.86	3.73		
24A	GIP	319641.87	5850142.95	900	900	450	256.51	450	256.46	259.68	3.22	EDCM605 + MW GRATE SD 7251/08/423
24B	GIP	319643.87	5850161.39	900	900	450	257.86	450	257.81	259.58	1.78	EDCM605 + MW GRATE SD 7251/08/423
24C	GIP	319647.15	5850191.76	900	900	300	258.21	450	258.16	259.74	1.57	EDCM605 + MW GRATE SD 7251/08/423
24D	GSEP	319640.26	5850195.42	600	900	300	258.33	300	258.28	260.20	1.92	EDCM601
24E	GSEP	319633.03	5850204.41	600	900	300	258.47	300	258.42	260.23	1.81	EDCM601
24F	GSEP	319633.94	5850212.85	600	900	300	258.59	300	258.54	260.23	1.69	EDCM601
24G	GSEP	319642.92	5850220.08	600	900			300	258.68	260.19	1.52	EDCM601
C06	PIPE CONNECTION - NO STRUCTURE	319642.12	5850113.60	0	0	525	256.01		259.82	3.81		
25A	GSEP	319646.39	5850117.31	600	900	450	256.45	525	256.40	260.13	3.73	EDCM601
25B	JP	319655.37	5850124.54	600	900	450	257.31	450	257.26	260.09	2.83	EDCM605
25C	GSEP	319669.89	5850122.97	600	900	450	258.18	450	258.13	260.04	1.91	EDCM602
						375	258.20					
25D	JP	319678.14	5850122.07	600	900	375	258.32	450	258.27	260.08	1.81	EDCM605
						225	258.92					
26A	GSEP	319670.80	5850131.42	600	900	375	258.34	375	258.29	260.03	1.75	EDCM602
27A	JP	319674.15	5850086.09	600	900	225	259.51	225	259.46	260.50	1.03	EDCM605
						225	259.51					
27B	JP	319672.08	5850067.46	600	900			225	259.89	260.78	0.89	EDCM605
28A	JP	319688.51	5850084.54	600	900			225	259.59	260.68	1.10	EDCM605
C05	PIPE CONNECTION - NO STRUCTURE	319638.97	5850084.47	0	0	450	255.96		260.26	4.30		
29A	GIP	319635.95	5850088.21	900	900	450	256.44	450	256.39	259.98	3.58	EDCM605 + MW GRATE SD 7251/08/423
29B	GIP	319638.06	5850107.70	900	900	300	258.25	450	258.20	259.62	1.42	EDCM605 + MW GRATE SD 7251/08/423
						375	258.25					
29C	JP	319630.85	5850108.48	600	900	225	258.47	300	258.40	260.09	1.69	EDCM605
						300	258.45					
29D	JP	319636.49	5850160.58	600	900			225	258.89	260.07	1.18	EDCM605
30A	GIP	319639.19	5850118.19	900	900			375	258.47	259.68	1.21	EDCM605 + MW GRATE SD 7251/08/423
31A	GSEP	319626.12	5850064.79	600	900	300	259.91	300	259.86	261.32	1.461	EDCM601
31B	GSEP	319617.15	5850057.56	600	900	300	260.01	300	259.96	261.36	1.40	EDCM601
31C	GSEP	319616.23	5850049.11	600	900			300	260.06	261.38	1.33	EDCM601
C04	PIPE CONNECTION - NO STRUCTURE	319638.19	5849939.93	0	0	300	255.50		260.73	5.24		
32A	GSEP	319643.84	5849944.74	600	900	300	256.22	300	256.17	260.82	4.65	EDCM601
32B	GSEP	319652.82	5849951.97	600	900	300	257.30	300	257.25	260.58	3.33	EDCM601
32C	GSEP	319653.731	5849960.42	600	900	300	258.12	300	258.07	260.58	2.51	EDCM601
						300	258.12					
32D	GSEP	319646.51	5849969.40	600	900	300	258.86	300	258.81	260.94	2.13	EDCM601
						300	258.86					
32E	GSEP	319653.80	5850036.85	600	900	300	259.45	300	259.40	261.28	1.88	EDCM601
						300	259.45					
32F	GSEP	319662.78	5850044.07	600	900	300	259.59	300	259.54	261.11	1.56	EDCM601
32G	GSEP	319663.69	5850052.52	600	900	300	259.71	300	259.66	261.11	1.45	EDCM601
32H	GSEP	319647.77	5850054.25	600	900	300	259.84	300	259.79	261.33	1.54	EDCM601
32I	GSEP	319640.54	5850063.23	600	900			300	259.90	261.32	1.42	EDCM601

PIT SCHEDULE												
PIT NAME	TYPE	EASTING	NORTHING	INTERNAL WD	INLET LEN	INV	OUTLET	INV	PIT	DEPTH	REMARKS	
33A	JP	319677.05	5849957.90	600	900	225	258.90	300	258.82	260.25	1.43	EDCM605
33B	JP	319684.47	5850026.54	600	900			225	259.59	260.84	1.26	EDCM605
34A	GSEP	319638.05	5849970.31	600	900			300	259.37	260.96	1.60	EDCM601
35A	GSEP	319645.35	5850037.75	600	900			300	259.71	261.30	1.60	EDCM601
C03	PIPE CONNECTION - NO STRUCTURE	319633.93	5849900.87	0	0	675	255.19			260.07	4.88	
36A	GSEP	319631.29	5849905.00	1200	1200	675	255.49	675	255.44	260.18	4.74	EDCM601+607
36B	GSEP	319623.63	5849914.18	1200	1500	675	256.13	675	256.08	260.48	4.39	EDCM601+607
						300	258.28					
36C	JP	319616.48	5849922.90	1200	1200	675	256.75	675	256.70	260.52	3.82	EDCM607
36D	GSEP	319513.36	5849994.05	1200	900	600	257.34	675	257.27	259.86	2.99	EDCM601+607
						450	257.49					
36E	GSEP	319505.87	5849943.38	1200	900	600	257.45	600	257.40	259.70	2.30	EDCM601+607
36F	GSEP	319509.18	5849973.03	1200	900	450	257.75	600	257.60	259.73	2.13	2700 EK1 SAG
						375	257.83					
36G	GSEP	319517.81	5850050.96	600	900	450	258.19	450	258.14	259.94	1.79	EDCM602
36H	GSEP	319526.85	5850058.78	600	900	375	258.30	450	258.25	260.13	1.88	EDCM602
						375	258.30					
36I	GSEP	319572.49	5850053.85	600	900	300	258.84	375	258.76	260.74	1.98	EDCM602
36J	GSEP	319573.40	5850062.29	600	900			300	258.93	260.72	1.79	EDCM601
37A	GSEP	319624.67	5849922.32	600	900	300	258.58	300	258.53	260.51	1.98	EDCM602
37B	GSEP	319633.64	5849929.54	600	900			300	258.64	260.68	2.04	EDCM602
41A	GSEP	319501.27	5849973.88	1200	900	375	257.92	375	257.87	259.71	1.85	2700 EK1 SAG
41B	GSEP	319509.36	5850051.86	600	900	225	258.46	375	258.31	259.93	1.63	EDCM602
41C	JP	319512.11	5850077.27	600	900			225	258.59	260.04	1.45	EDCM605
42A	GSEP	319527.77	5850067.23	600	900	375	258.44	375	258.39	260.11	1.72	EDCM601
42B	GSEP	319520.54	5850076.18	600	900	300	258.57	375	258.50	260.04	1.54	EDCM601
42C	JP	319523.05	5850099.42	600	900	225	258.74	300	258.69	259.93	1.24	EDCM605
42D	JP	31										