

REV	A	ISSUED FOR TENDER
REV		REVISION
		DES: DWG CHK: DATE: 00/00/21



12/99-1/01 WESTERN AVENUE, WESTMEADOWS PH 03 9745 9988
 A8/11 1103 338 338 WWW.TOMKINSON.COM

STAFF / ENGINEERING / PLANNING / PROJECT MANAGEMENT



SCALE 1:1000

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10 0 10 20 30 40 50

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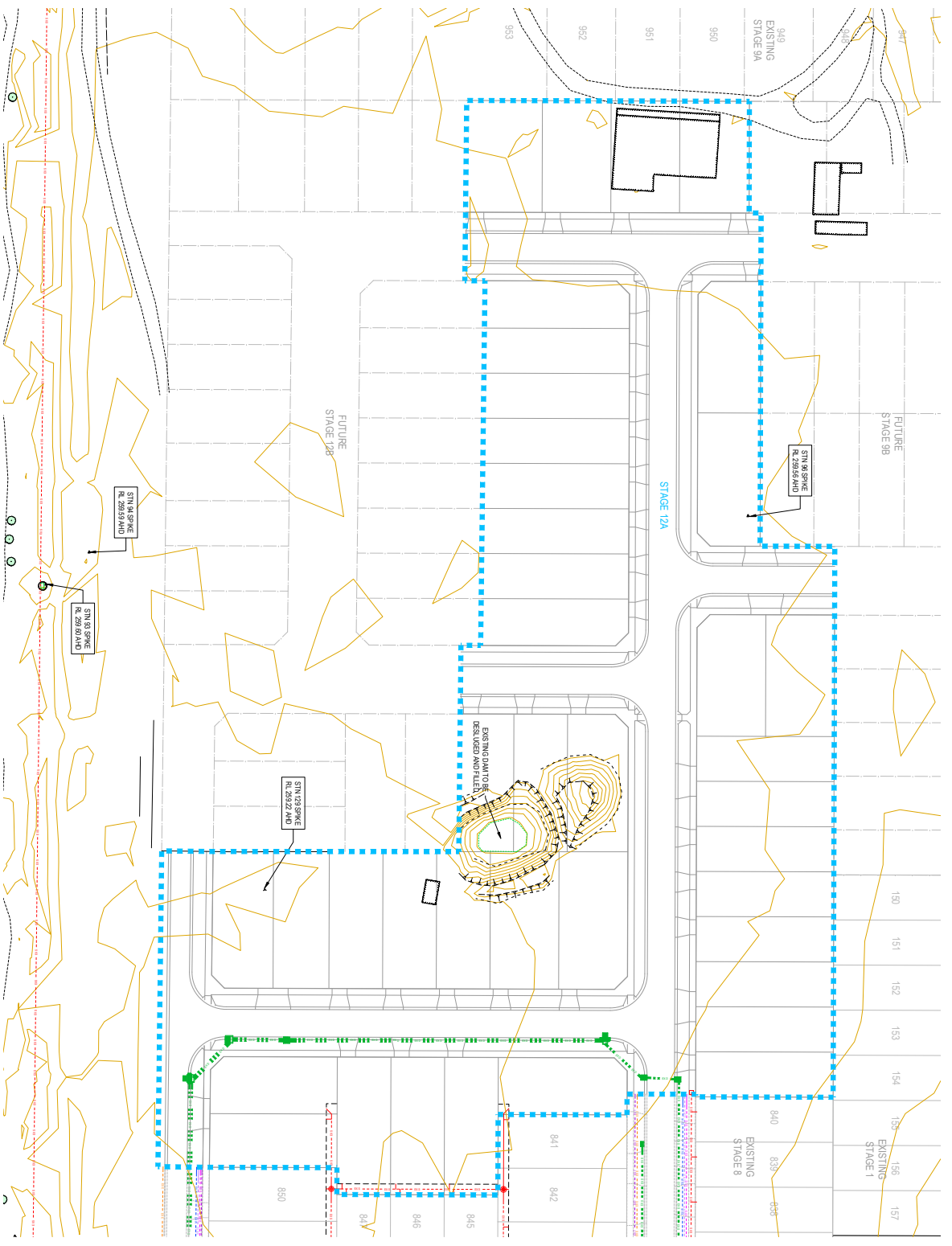


OOORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
OVERALL DEVELOPMENT
 AUTHORITY: MITCHELL SHIRE COUNCIL
 CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
 DWS: SVS: JWS

FOR TENDER S1488.12A-RD02

PROJECT DWS: SVS: JWS

NOTE:
 ALL STRUCTURES WITHIN THE SUBMISSION
 COMMENCEMENT OF CIVIL WORKS



REV	A	ISSUED FOR TENDER	REVISION	DESIGN CHECK DATE	03/09/21
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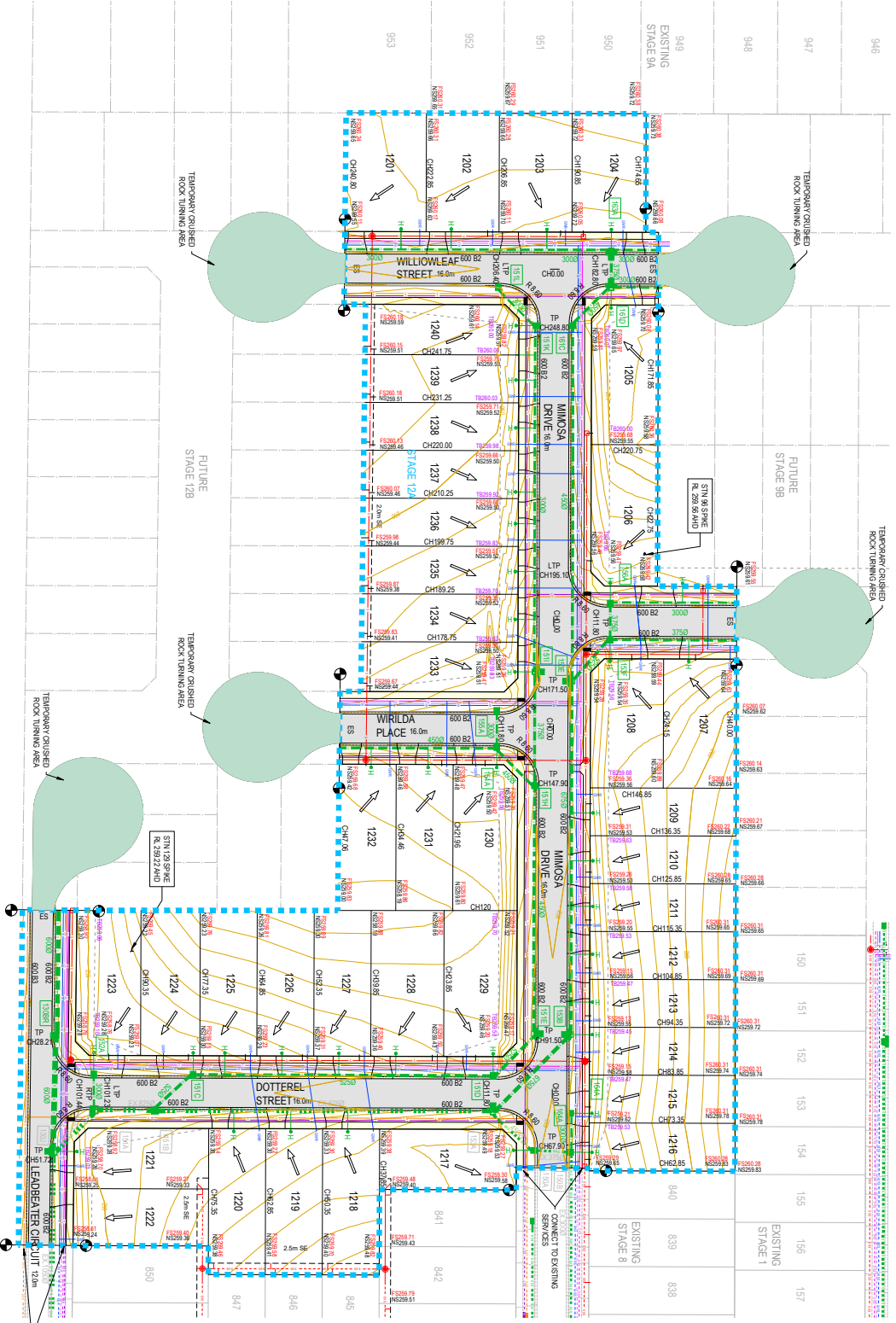
Tomkinson
 SURVEYING ENGINEERING PLANNING PROJECT MANAGEMENT
 12/99-101 WESTERN AVENUE, WESTFIELD GROVES PH 03 9746 9988
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 LENGTHS ARE IN METRES - PAPER SIZE A1
REAL YOU DIG
 REAL YOU DIG
 REAL YOU DIG



OOORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
 EXISTING CONDITIONS
 AUTHORITY: MITCHEL SHIRE COUNCIL
 CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
 DWS 5/18/20
FOR TENDER S/1488.12A-RD03
 PROJECT DWS 5/18/20



NOTE:
 PROPOSED HOUSE DRAIN
 CONNECTIONS FOR LOTS 1215 TO
 1222 EXCLUSIVE TO BE
 OBTAINED FROM THE
 LOCAL COUNCIL TO EXISTING
 DRAINAGE

REV	A	ISSUED FOR TENDER
REV		REVISION
DES	DWG CHK	DATE
		00/00/21



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ROAD & CONSTRUCTION
 AUSTRALIA



OOORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE
LAYOUT PLAN
 AUTHORITY: MITCHELL SHIRE COUNCIL
 CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
 DRAWN BY: S1488
FOR TENDER S1488.12A-RD04



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		5	-0.30	0.00		9	1.00	1.50	
2	-1.50	-1.00		6	0.00	0.30					
3	-1.00	-0.60		7	0.30	0.60					
4	-0.60	-0.30		8	0.60	1.00					

NOTES: CUT & FILL DEPTH LEVELS ARE A COMPARISON BETWEEN EXISTING SURFACE & DESIGN SURFACE. NSI LEVELS ARE ORIGINAL, AS SURVEYED EXISTING SURFACE LEVELS & FILL LEVELS ARE FINAL. FINISHED SURFACE AFTER TOPSOILING. NO ALLOWANCE HAS BEEN MADE FOR SETBACKS OR TOPSOIL OR BROWNS.

REV	DESCRIPTION	DATE
A	ISSUED FOR TENDER	04/09/21

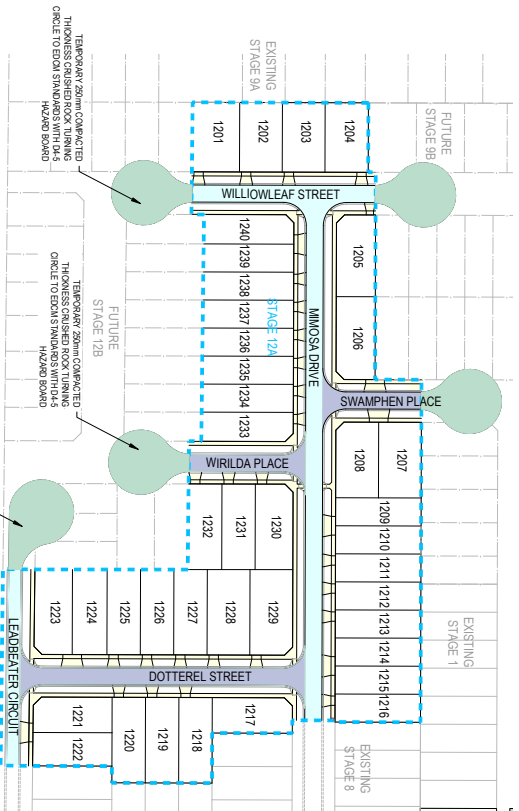


OORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
CUT & FILL DEPTH RANGES & LOT LEVELS
 AUTHORITY: MITCHELL SHEE CONSULT
 CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
 DWS:SVS:MS
FOR TENDER S/1488.12A-RD05

CONCRETE STD SINGLE & DOUBLE DRIVEWAY PAVEMENT DETAILS (EBCM 501 - 502)		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 SURFACE FINISH	25	BROOKFIELD TPOOD POLYMER FINISH SURFACE TO COMPLY WITH A-88-1 SURFACE FINISH CATEGORY OF NEW PAVED SURFACE MATERIALS
2 CONCRETE	90	CONCRETE 20MPa WITH SLAB TOP REINFORCEMENT WITH 10mm DIA. COVER
3 BASE	50	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE BELOW)
4 SUBGRADE		SUBGRADE REQUIREMENTS SEE NOTE BELOW. SUBGRADE IMPROVEMENT AS DIRECTED BY SURVEYMENT

CONCRETE FOOTPATH & SHARED PATH PAVEMENT DETAILS (EBCM 401)		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 SURFACE FINISH	25	BROOKFIELD TPOOD POLYMER FINISH SURFACE TO COMPLY WITH A-88-1 SURFACE FINISH CATEGORY OF NEW PAVED SURFACE MATERIALS
2 CONCRETE	65	CONCRETE 20MPa WITH SLAB TOP REINFORCEMENT WITH 10mm DIA. COVER
3 BASE	50	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE BELOW)
4 SUBGRADE		SUBGRADE REQUIREMENTS SEE NOTE BELOW. SUBGRADE IMPROVEMENT AS DIRECTED BY SURVEYMENT

TEMPORARY TURNING CIRCLE PAVEMENT		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 BASE COURSE	250	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK



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

- PAVEMENT NOTES:**
- A. PROPOSED MATERIALS COMPARE WITH GTS REPORT 20C 0008-2
 - B. PAVEMENT BASE COURSES ARE TO BE COMPACTED TO A MINIMUM DENSITY RATIO OF 98% MODIFIED (MAY VARY BY DENSITY A-MOD)
 - C. WHEN PAVEMENT SUBBASE COURSE TO BE COMPACTED TO A MINIMUM DENSITY RATIO OF 98% MODIFIED
 - D. LOWER PAVEMENT SUBBASE COURSE TO BE COMPACTED TO A MINIMUM DENSITY RATIO OF 98% MODIFIED
 - E. PREPARED LAYERS SHALL BE COMPACTED TO A MINIMUM DRY DENSITY RATIO OF 98% STANDARD AND EXTEND 100mm BEHIND BACK OF KERB
 - F. PAVEMENT LAYERS SHOULD BE PLACED AND COMPACTED IN LAYERS NOT EXCEEDING 200mm THICKNESS WITH RELEVANT STANDARD UNLESS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS
 - G. WHEN PAVEMENT EXCAVATION IS IN ROCK, ALL LOOSE MATERIAL AND ROCK CLASTS MUST BE REMOVED
 - H. THE SURFACE MUST THEN BE REGULATED WITH CONFORM APPROVED MATERIAL
 - I. ALL SURFACE FINISHES SHALL BE TO THE STANDARD SPECIFICATION OF THE MATERIAL TO BE USED MUST BE OBTAINED FROM COUNCIL SURVEYMENT DIVISION (1) PERSONNEL OF THE MATERIAL TO BE USED MUST BE OBTAINED FROM COUNCIL SURVEYMENT DIVISION (1) PERSONNEL
 - J. ALL SURFACE FINISHES TO BE CONSTRUCTED AS PER STANDARD DRAWING EBCM 202 FOR EXPANSIVE
 - K. IN THE CASE OF ANY PAVEMENT DESIGN CONFLICTS GTS REPORT 20C 0008-2 WILL TAKE PRECEDENCE

570mm DEPTH ACCESS STREET 1 PAVEMENT		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 ASPHALT	30	TYPE 1 ASPHALT (T 10mm)
2 BITUMEN CHAIR RUBBER ASPHALT T	30	3MM SEAL (10mm) 3 BERR ASPHALT/CONCRETE OR GREATER THAN OR EQUAL TO 18 LITRES/100kg BITUMINOUS PRIME (UNDER 3MM SEAL)
3 3MM SEAL BITUMINOUS PRIME	100	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE BELOW)
4 BASE COURSE	100	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE BELOW)
5 UPPER SUBBASE COURSE	100	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE BELOW)
6 LOWER SUBBASE COURSE	100	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE BELOW)
7 TOPPAV LAYER	190	CONTINUATION OF LOWER SUBBASE COURSE OR EXISTING SUBGRADE (MAY BEAL STABILISED WITH SALINE OR MASS (SEE NOTE BELOW))
8 SUBGRADE		

400mm DEPTH ACCESS STREET PAVEMENT		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 ASPHALT	25	TYPE 1 ASPHALT (T 10mm)
2 BITUMEN CHAIR RUBBER ASPHALT	30	3MM SEAL (10mm) 3 BERR ASPHALT/CONCRETE OR GREATER THAN OR EQUAL TO 18 LITRES/100kg BITUMINOUS PRIME (UNDER 3MM SEAL)
3 3MM SEAL BITUMINOUS PRIME	140	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE BELOW)
4 BASE COURSE	100	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE BELOW)
5 SUBBASE COURSE	100	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE BELOW)
6 TOPPAV LAYER	190	40mm NOM. SIZE CLASS 3 CRUSHED ROCK (SEE NOTE BELOW)
8 SUBGRADE		

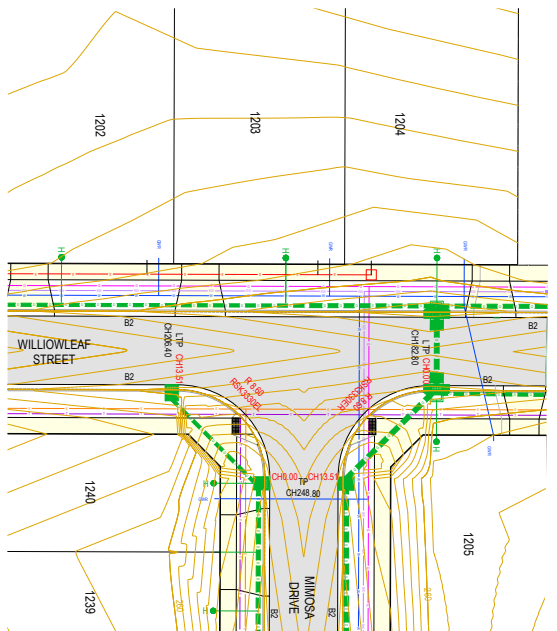
400mm DEPTH ACCESS STREET PAVEMENT		
PAVEMENT LAYER	LAYER THICKNESS (mm)	MATERIAL
1 ASPHALT	25	TYPE 1 ASPHALT (T 10mm)
2 BITUMEN CHAIR RUBBER ASPHALT	30	3MM SEAL (10mm) 3 BERR ASPHALT/CONCRETE OR GREATER THAN OR EQUAL TO 18 LITRES/100kg BITUMINOUS PRIME (UNDER 3MM SEAL)
3 3MM SEAL BITUMINOUS PRIME	140	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE BELOW)
4 BASE COURSE	100	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE BELOW)
5 SUBBASE COURSE	100	20mm NOM. SIZE CLASS 3 FINE CRUSHED ROCK (SEE NOTE BELOW)
6 TOPPAV LAYER	190	40mm NOM. SIZE CLASS 3 CRUSHED ROCK (SEE NOTE BELOW)
8 SUBGRADE		



SCALE 1:1000
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OORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
PAVEMENT DETAILS
 CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
 PROJECT NO: DWS 1488
FOR TENDER S1488_12A-RD07



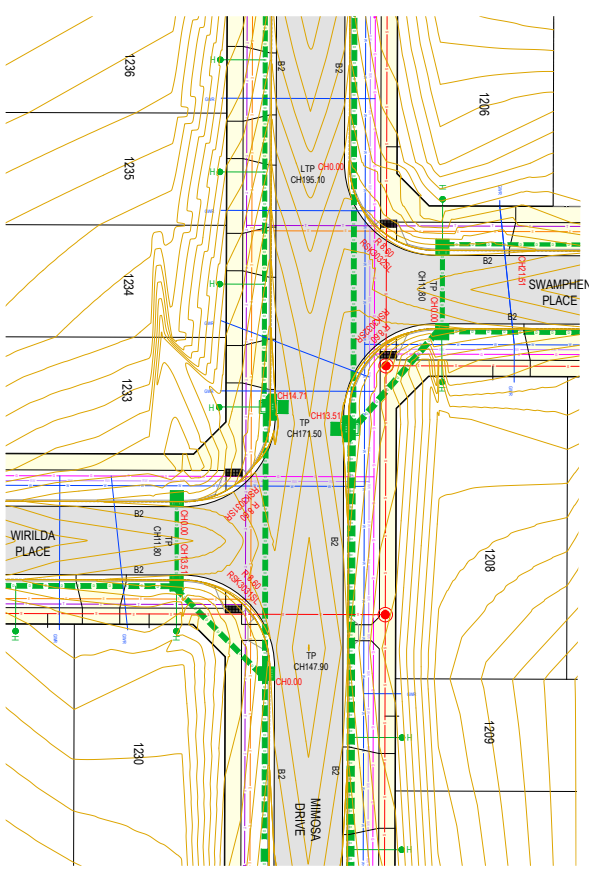
INTERSECTION PLAN
SCALE 1:200
LENGTHS ARE IN METRES - PAPER SIZE A1

DESIGN LIP OF KERB HORZ GEOMETRY DATUM RL 289.0	1.75% VC	2.25% VC	2.50% VC	2.75% VC	3.00% VC
DESIGN LIP OF KERB	289.15	289.14	289.12	289.11	289.10
DESIGN BACK OF KERB	289.26	289.25	289.23	289.21	289.19
EXISTING SURFACE	289.50	289.51	289.52	289.52	289.52
CHANGE	0.00	2.00	3.68	4.00	3.90

DESIGN LIP OF KERB HORZ GEOMETRY DATUM RL 289.0	1.75% VC	2.25% VC	2.50% VC	2.75% VC	3.00% VC
DESIGN LIP OF KERB	289.09	289.10	289.11	289.12	289.13
DESIGN BACK OF KERB	289.20	289.22	289.23	289.23	289.24
EXISTING SURFACE	289.52	289.52	289.52	289.52	289.52
CHANGE	0.00	2.00	3.38	4.00	3.90

DESIGN LIP OF KERB HORZ GEOMETRY DATUM RL 289.0	1.75% VC	2.25% VC	2.50% VC	2.75% VC	3.00% VC
DESIGN LIP OF KERB	289.76	289.76	289.76	289.76	289.76
DESIGN BACK OF KERB	289.87	289.87	289.87	289.87	289.87
EXISTING SURFACE	289.87	289.87	289.87	289.87	289.87
CHANGE	0.00	1.11	2.00	3.38	4.00

DESIGN LIP OF KERB HORZ GEOMETRY DATUM RL 289.0	1.75% VC	2.25% VC	2.50% VC	2.75% VC	3.00% VC
DESIGN LIP OF KERB	289.55	289.55	289.55	289.55	289.55
DESIGN BACK OF KERB	289.66	289.66	289.66	289.66	289.66
EXISTING SURFACE	289.67	289.67	289.67	289.67	289.67
CHANGE	0.00	2.00	3.38	4.00	3.90



INTERSECTION PLAN
SCALE 1:200
LENGTHS ARE IN METRES - PAPER SIZE A1

DESIGN LIP OF KERB HORZ GEOMETRY DATUM RL 289.0	1.75% VC	2.25% VC	2.50% VC	2.75% VC	3.00% VC
DESIGN LIP OF KERB	289.17	289.17	289.17	289.17	289.17
DESIGN BACK OF KERB	289.28	289.28	289.28	289.28	289.28
EXISTING SURFACE	289.54	289.54	289.54	289.54	289.54
CHANGE	0.00	2.00	3.38	4.00	3.90

- GENERAL DESIGN DETAIL PLAN NOTES**
- APPLICABLE CROSS-SECTIONS APPLIED OTHERWISE
 - LOCAL STREETS - 60mm E6 AS PER FED C131
 - ALL KERBS 1.40m TO MATCH NEIGHBOURHOOD KERBS
 - ALL SINGLE & DOUBLE ENVIKINGS AS PER FED C131 & C132
 - ALL FOOTPATH CONCRETES 1.5m WIDE @ 0.00% FOSL
 - AS PER FED C131
 - CONNECTIONS FROM ROUND OVERS TO BE 3.0m
 - OS CONVICTION REVIEW SPEC ON SLOPES ON
 - BRIDGEWAY SIDE OF ROAD TO BE 10% TO 20% FOS
 - WITH SLOPE 0.00% TO 10% AS NOTED
 - OFFSET WALL, VARY PER DET CONNECTION
 - ALL EXISTING ROADWAY PRESSURE ARTS ARE 1.0m OS ROAD
 - SEWER CONNECTIONS TO BE INDICATED ONLY REFER TO SEWER PLANS FOR GREATER DETAIL IF REQUIRED
 - CONTROL INTERVAL 0.1m @ 1.50kV @ 1.20(A1)
 - WHERE SHOWN

- WARNING**
- BEWARE OF UNDERGROUND SERVICES AT THE LOCATIONS OF UNDERGROUND UTILITY CROSSINGS. THE EXACT POSITION SHOULD BE PROVIDED ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

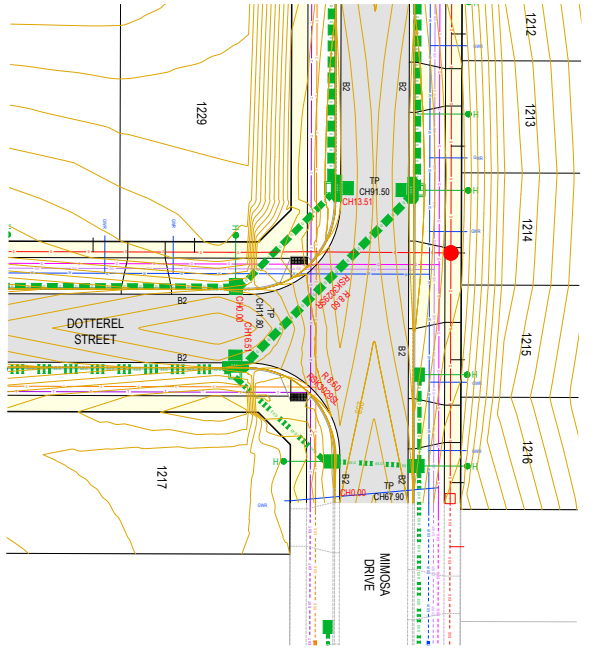
LONG SECTIONS

SCALE: H: 1:200 V: 1:20

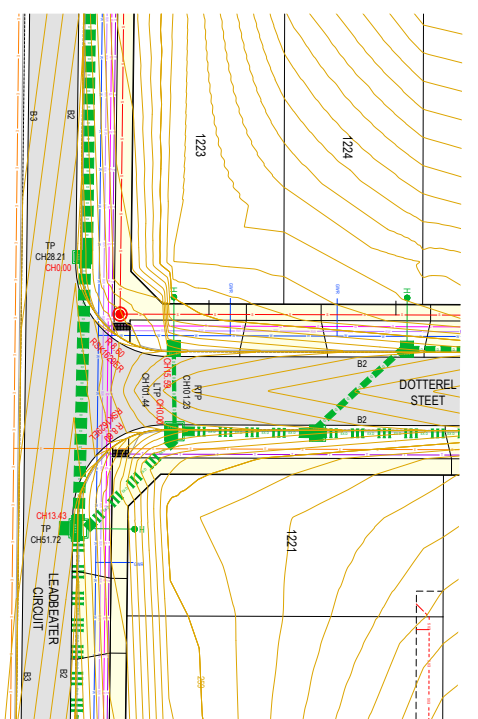
H	2	0	2	4	6	8	10	H
V	20	0	20	0	20	0	20	V
DESIGN LIP OF KERB	289.17	289.17	289.17	289.17	289.17	289.17	289.17	289.17
DESIGN BACK OF KERB	289.28	289.28	289.28	289.28	289.28	289.28	289.28	289.28
EXISTING SURFACE	289.54	289.54	289.54	289.54	289.54	289.54	289.54	289.54
CHANGE	0.00	2.00	3.38	4.00	3.90	2.00	1.00	0.00

DESIGN LIP OF KERB HORZ GEOMETRY DATUM RL 289.0	1.75% VC	2.25% VC	2.50% VC	2.75% VC	3.00% VC
DESIGN LIP OF KERB	289.17	289.17	289.17	289.17	289.17
DESIGN BACK OF KERB	289.28	289.28	289.28	289.28	289.28
EXISTING SURFACE	289.52	289.52	289.52	289.52	289.52
CHANGE	0.00	2.00	3.38	4.00	3.90

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PLOT DATE: 10/09/2021 FILE: C:\12\DATA\TOMKING-12SD\151488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD, BEVERIDGE_91ENGINEERING DESIGN\CAD\12A\12A\1488\12A R&D REV.DWG



- GENERAL DESIGN DETAIL PLAN NOTES**
- 1. LOCAL STREETS - 60m wide AS PER ECD 301
 - 2. ALL KERBS - 450mm HIGH WITH 150mm RADIUS
 - 3. ALL KERBS - 450mm HIGH WITH 150mm RADIUS
 - 4. ALL SINGLE LANE DRIVEWAYS - AS PER ECD 301 & 302
 - 5. ALL FOOTPATHS - CONCRETE 1.5m WIDE @ 0.00m OS BL
 - 6. ASPHALT DRIVEWAYS - AS PER ECD 301
 - 7. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 8. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 9. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 10. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 11. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 12. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 13. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 14. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 15. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 16. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 17. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 18. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 19. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m
 - 20. CONNECTIONS FROM ROAD RESERVE TO BE 3.0m



DESIGN UP OF KERB
HORIZ. GEOMETRY
DATE: 12/01/20

CHANGELINE	0.00	2.00	2.81	3.00	4.00	4.13	6.00	8.00	8.28	10.00	12.00	13.28	14.00	16.00	16.51
DESIGN UP OF KERB	259.57	259.56	259.56	259.56	259.56	259.56	259.56	259.53	259.53	259.50	259.50	259.49	259.48	259.47	259.47
DESIGN DOWN OF KERB	259.57	259.56	259.56	259.56	259.56	259.56	259.56	259.53	259.53	259.50	259.50	259.49	259.48	259.47	259.47
EXISTING SURFACE	259.10	259.09	259.09	259.09	259.09	259.09	259.10	259.12	259.13	259.15	259.15	259.15	259.15	259.15	259.15

DESIGN UP OF KERB
HORIZ. GEOMETRY
DATE: 12/01/20

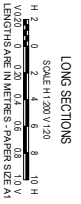
CHANGELINE	0.00	2.00	3.38	4.00	6.00	6.78	8.00	10.00	10.13	12.00	13.51
DESIGN UP OF KERB	259.27	259.23	259.19	259.17	259.11	259.08	259.07	259.07	259.07	259.07	259.07
DESIGN DOWN OF KERB	259.27	259.23	259.19	259.17	259.11	259.08	259.07	259.07	259.07	259.07	259.07
EXISTING SURFACE	259.49	259.46	259.46	259.46	259.46	259.46	259.46	259.47	259.47	259.48	259.49

DESIGN UP OF KERB
HORIZ. GEOMETRY
DATE: 12/01/20

CHANGELINE	0.00	2.00	3.36	4.00	6.00	6.78	8.00	10.00	10.07	12.00	13.43
DESIGN UP OF KERB	258.60	258.55	258.51	258.49	258.42	258.42	258.42	258.42	258.42	258.42	258.42
DESIGN DOWN OF KERB	258.60	258.55	258.51	258.49	258.42	258.42	258.42	258.42	258.42	258.42	258.42
EXISTING SURFACE	258.71	258.69	258.69	258.69	258.69	258.69	258.69	258.69	258.69	258.69	258.69

DESIGN UP OF KERB
HORIZ. GEOMETRY
DATE: 12/01/20

CHANGELINE	0.00	1.78	2.00	3.90	4.00	6.00	7.79	8.00	10.00	11.89	12.00	14.00	16.51
DESIGN UP OF KERB	258.42	258.52	258.42	258.42	258.42	258.42	258.42	258.42	258.42	258.42	258.42	258.42	258.42
DESIGN DOWN OF KERB	258.42	258.52	258.42	258.42	258.42	258.42	258.42	258.42	258.42	258.42	258.42	258.42	258.42
EXISTING SURFACE	259.26	259.27	259.27	259.28	259.28	259.29	259.27	259.27	259.28	259.28	259.29	259.30	259.30



SCALE AS SHOWN

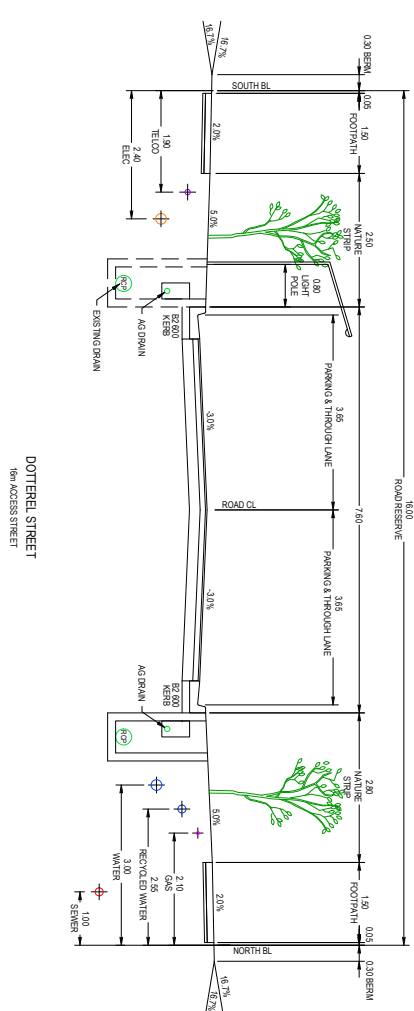
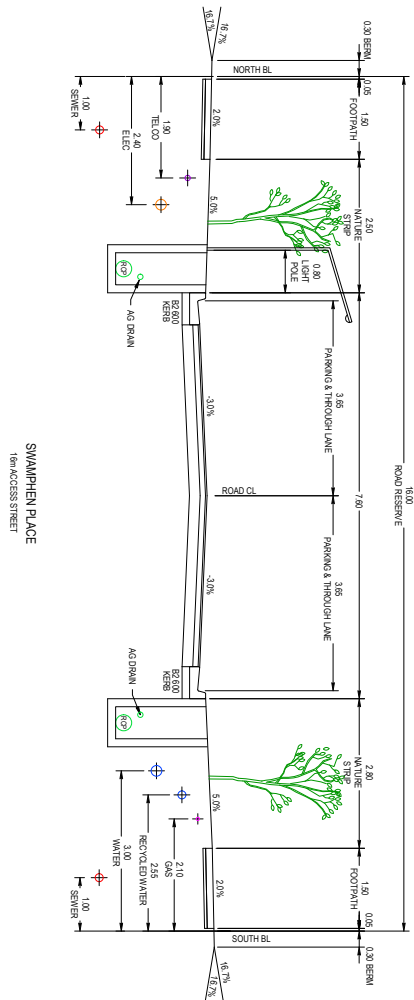
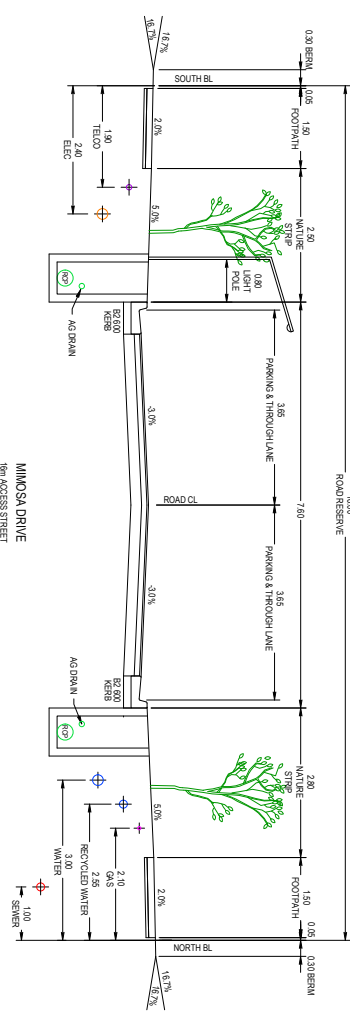
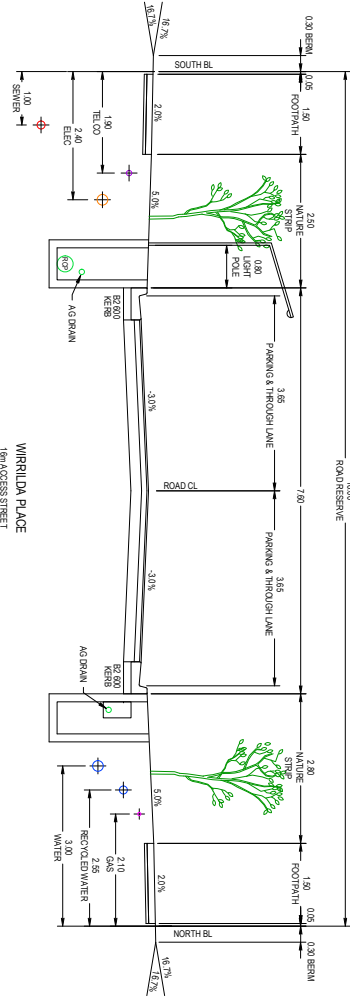
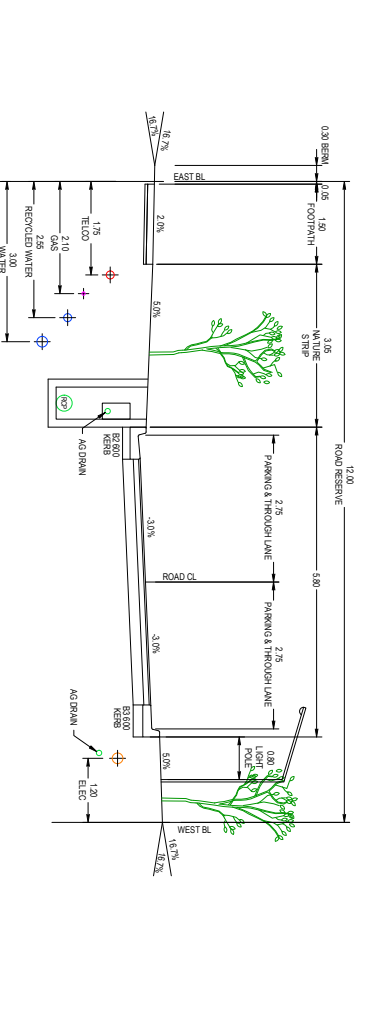
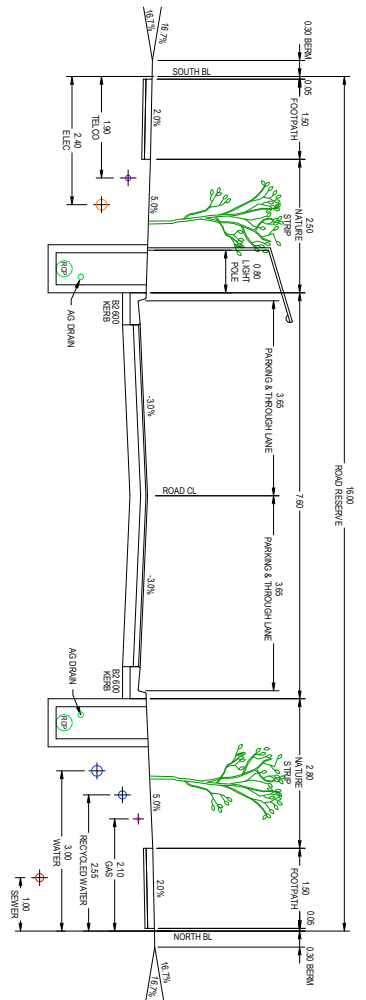
DESIGN UP OF KERB
HORIZ. GEOMETRY
DATE: 12/01/20



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ORORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
INTERSECTION DETAILS SHEET 2
AUTHORITY: MITCHELL SHIRE COUNCIL
CLIENT: THE CORCORIS GROUP DEVELOPMENTS GROUP PTY LTD
DRAWN BY: SWS
FOR TENDER S1488.12A-RD09



DESIGNER: SS&S PARTNERS

REVISION: 000021

DATE: DES DWG CHK DATE

Tomkinson
STAFF / ENGINEERING / PLANNING / PROJECT MANAGEMENT

12/99-1/01 WESTERN AVENUE, WESTMEADOWS PH 03 9748 9988
ABN 11 103 398 398 WWW.TOMKINSON.COM

ooranya

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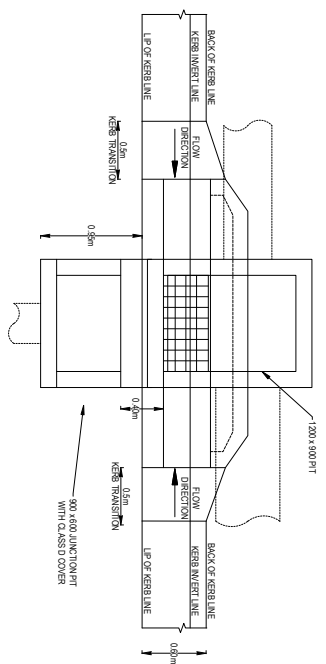
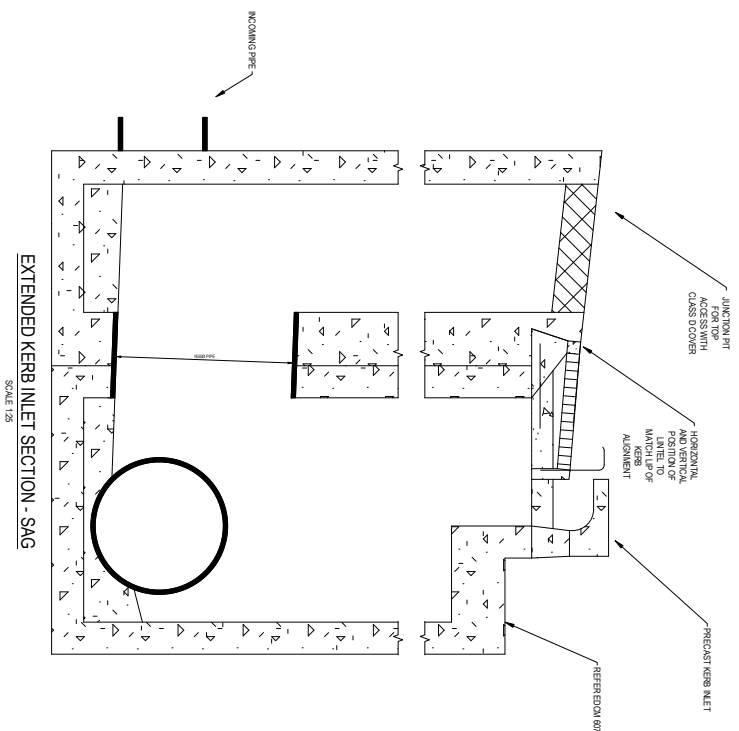
ROAD & CONSTRUCTION

ooranya ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
TYPICAL CROSS SECTIONS
AUTHORITY: MITCHELL SHIRE COUNCIL
CLIENT: THE CONCORDS DEVELOPMENTS GROUP PTY LTD
DWS/SV/SVS

FOR TENDER S1488.12A-RD10

PROJECT DWS/SVS

REV: A



EXTENDED KERB INLET SECTION - SAG
SCALE 1:25

EXTENDED KERB INLET DETAIL - SAG
SCALE 1:30

REV	A	ISSUED FOR TENDER	REVISION	DESIGN CHECK DATE	03/09/21
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12/99-1/01 WESTERN AVENUE, WESTMEADOWS PH 03 9745 9988
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**OORANYA ESTATE - STAGE 12A
BEVERIDGE
ROAD & DRAINAGE LAYOUT PLAN
TYPICAL PIT DETAIL**
AUTHORITY: MITCHELL SHIRE COUNCIL
CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
DWS STAFFS
FOR TENDER S/1488.12A-RD11

REV A ISSUED FOR TENDER
DES DWG CHK DATE 10/09/21

DESIGN REVISION

DESIGN REVISION

REV A

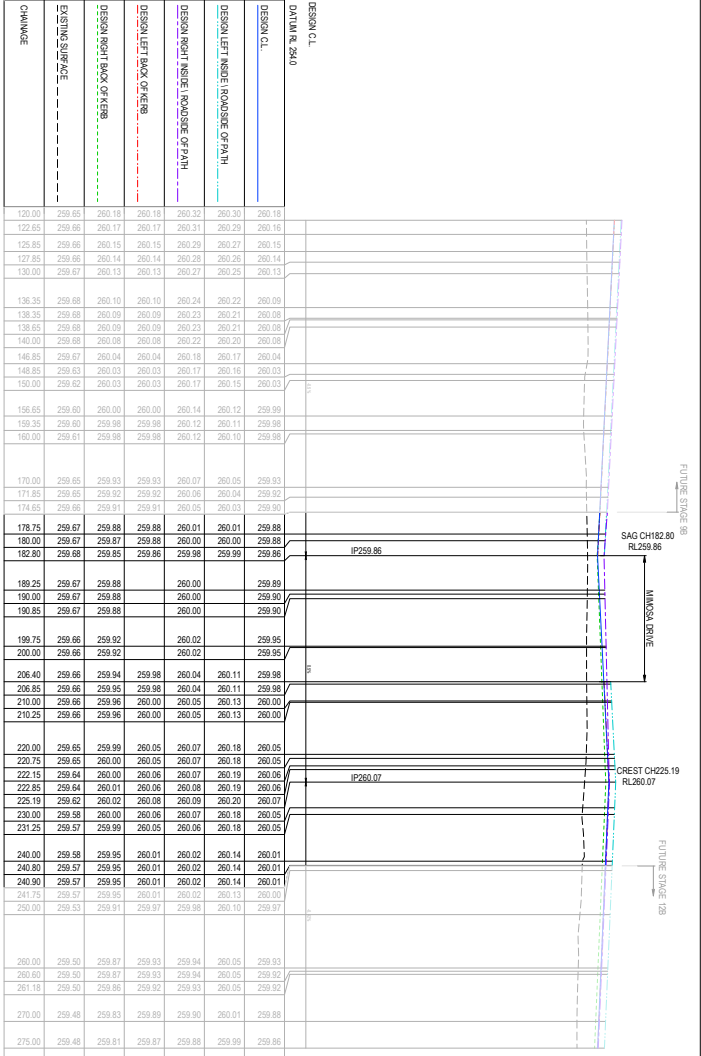
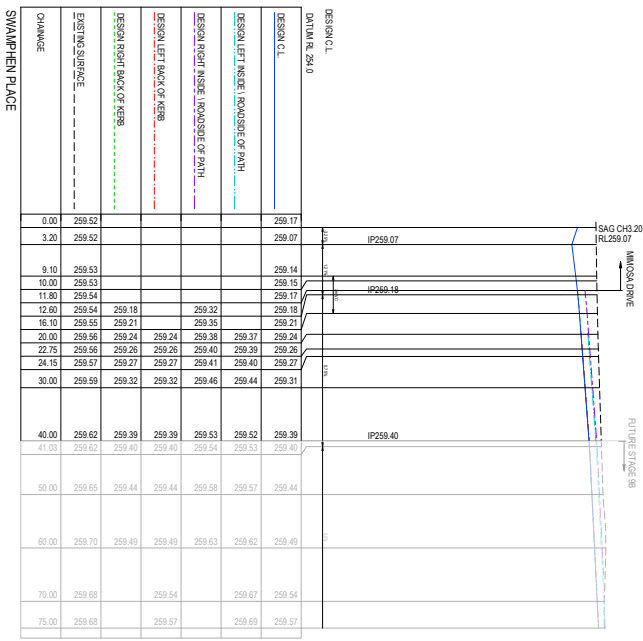
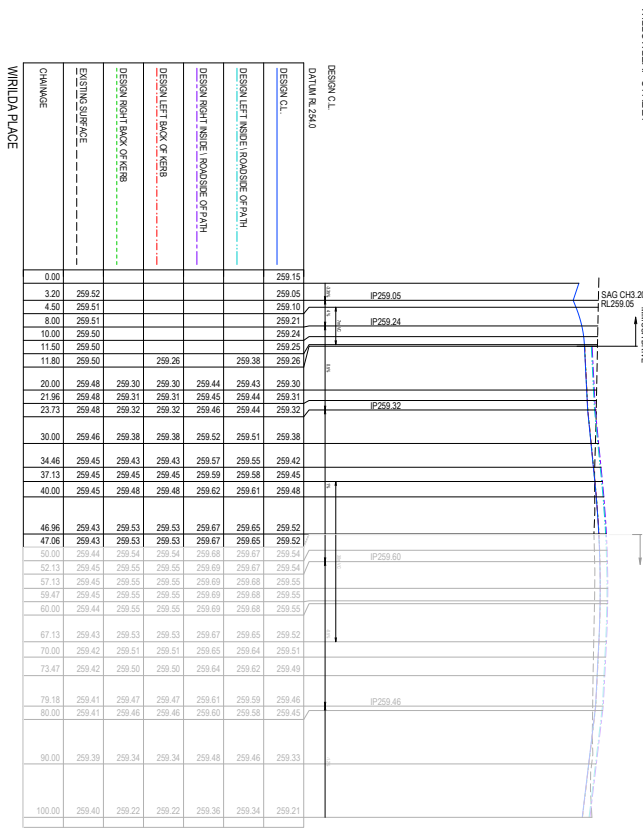


12/99-101 WESTERN AVENUE, WESTMEADS NSW, PH 02 9746 9988
ABN 11 100 398 398 WWW.TOMKINSON.COM

SCALE: 1:500 (V) 1:30 (H)
V 0 5 10 15 20 25 M
H 0 5 10 15 20 25 M



ORORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
ROAD LONG SECTIONS SHEET 1
CLIENT: THE CORCORNS DEVELOPMENTS GROUP PTY LTD
DESIGNERS: FOR TENDER S/1488-12A-RD12

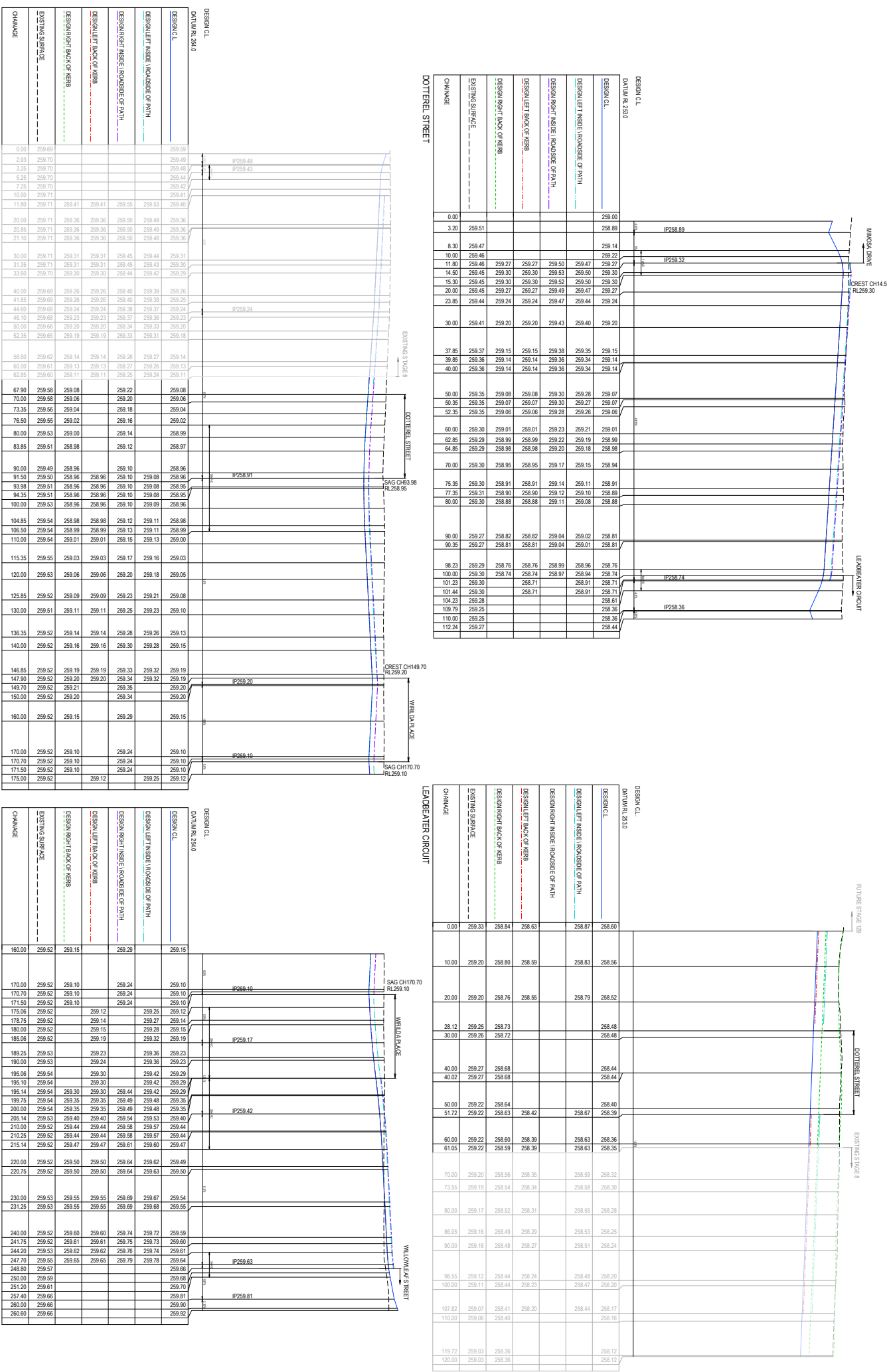


DESIGN CL
 DATUM R. 293.0
 DESIGN CL
 DESIGN LEFT INSIDE ROADSIDE OF PATH
 DESIGN RIGHT INSIDE ROADSIDE OF PATH
 DESIGN LEFT BACK OF KERB
 DESIGN RIGHT BACK OF KERB
 EXISTING SURFACE
 CHANGE

0.00	259.59								
2.93	259.70								
3.25	259.70								
5.25	259.70								
7.25	259.98								
10.00	259.71								
11.80	259.71	259.41	259.41	259.55	259.53	259.40			
20.00	259.71	259.36	259.36	259.50	259.46	259.36			
20.85	259.71	259.36	259.36	259.50	259.48	259.36			
21.10	259.71	259.36	259.36	259.50	259.48	259.36			
30.00	259.71	259.31	259.31	259.45	259.44	259.31			
31.35	259.71	259.31	259.31	259.45	259.43	259.30			
33.60	259.70	259.30	259.30	259.44	259.42	259.29			
40.00	259.69	259.26	259.26	259.40	259.39	259.26			
41.85	259.69	259.26	259.26	259.40	259.38	259.25			
44.60	259.68	259.24	259.24	259.38	259.37	259.24			
46.10	259.68	259.23	259.23	259.37	259.36	259.23			
50.00	259.66	259.20	259.20	259.34	259.33	259.20			
52.35	259.65	259.19	259.19	259.33	259.31	259.18			
58.00	259.63	259.14	259.14	259.28	259.27	259.14			
60.00	259.61	259.13	259.13	259.27	259.26	259.13			
62.85	259.60	259.11	259.11	259.25	259.24	259.11			
67.90	259.58	259.08	259.08	259.22	259.21	259.08			
70.00	259.58	259.06	259.06	259.20	259.06	259.06			
73.35	259.56	259.04	259.04	259.18	259.04	259.04			
76.50	259.55	259.02	259.02	259.16	259.02	259.02			
80.00	259.53	259.00	259.00	259.14	258.99	259.00			
83.85	259.51	258.98	258.98	259.12	258.97	259.00			
90.00	259.49	258.96	258.96	259.10	258.96	258.96			
91.50	259.50	258.96	258.96	259.10	258.96	258.96			
93.98	259.51	258.96	258.96	259.10	258.96	258.96			
94.35	259.51	258.96	258.96	259.10	258.96	258.96			
100.00	259.53	258.96	258.96	259.10	258.99	258.96			
104.85	259.54	258.98	258.98	259.12	259.11	258.98			
106.50	259.54	258.99	258.99	259.13	259.11	258.99			
110.00	259.54	259.01	259.01	259.15	259.13	259.00			
115.35	259.55	259.03	259.03	259.17	259.16	259.03			
120.00	259.53	259.06	259.06	259.20	259.18	259.05			
125.85	259.52	259.09	259.09	259.23	259.21	259.08			
130.00	259.51	259.11	259.11	259.25	259.23	259.10			
136.35	259.52	259.14	259.14	259.28	259.26	259.13			
140.00	259.52	259.16	259.16	259.30	259.28	259.15			
146.85	259.52	259.19	259.19	259.33	259.32	259.19			
147.90	259.52	259.20	259.20	259.34	259.32	259.19			
148.70	259.52	259.21	259.21	259.35	259.33	259.20			
150.00	259.52	259.20	259.20	259.34	259.32	259.20			
160.00	259.52	259.15	259.15	259.29	259.15	259.15			
170.00	259.52	259.10	259.10	259.24	259.10	259.10			
173.70	259.52	259.10	259.10	259.24	259.10	259.10			
171.50	259.52	259.10	259.10	259.24	259.10	259.10			
175.00	259.52	259.12	259.12	259.25	259.12	259.12			

DESIGN CL
 DATUM R. 293.0
 DESIGN CL
 DESIGN LEFT INSIDE ROADSIDE OF PATH
 DESIGN RIGHT INSIDE ROADSIDE OF PATH
 DESIGN LEFT BACK OF KERB
 DESIGN RIGHT BACK OF KERB
 EXISTING SURFACE
 CHANGE

0.00	259.59								
2.93	259.70								
3.25	259.70								
5.25	259.70								
7.25	259.98								
10.00	259.71								
11.80	259.71	259.41	259.41	259.55	259.53	259.40			
20.00	259.71	259.36	259.36	259.50	259.46	259.36			
20.85	259.71	259.36	259.36	259.50	259.48	259.36			
21.10	259.71	259.36	259.36	259.50	259.48	259.36			
30.00	259.71	259.31	259.31	259.45	259.44	259.31			
31.35	259.71	259.31	259.31	259.45	259.43	259.30			
33.60	259.70	259.30	259.30	259.44	259.42	259.29			
40.00	259.69	259.26	259.26	259.40	259.39	259.26			
41.85	259.69	259.26	259.26	259.40	259.38	259.25			
44.60	259.68	259.24	259.24	259.38	259.37	259.24			
46.10	259.68	259.23	259.23	259.37	259.36	259.23			
50.00	259.66	259.20	259.20	259.34	259.33	259.20			
52.35	259.65	259.19	259.19	259.33	259.31	259.18			
58.00	259.63	259.14	259.14	259.28	259.27	259.14			
60.00	259.61	259.13	259.13	259.27	259.26	259.13			
62.85	259.60	259.11	259.11	259.25	259.24	259.11			
67.90	259.58	259.08	259.08	259.22	259.21	259.08			
70.00	259.58	259.06	259.06	259.20	259.06	259.06			
73.35	259.56	259.04	259.04	259.18	259.04	259.04			
76.50	259.55	259.02	259.02	259.16	259.02	259.02			
80.00	259.53	259.00	259.00	259.14	258.99	259.00			
83.85	259.51	258.98	258.98	259.12	258.97	259.00			
90.00	259.49	258.96	258.96	259.10	258.96	258.96			
91.50	259.50	258.96	258.96	259.10	258.96	258.96			
93.98	259.51	258.96	258.96	259.10	258.96	258.96			
94.35	259.51	258.96	258.96	259.10	258.96	258.96			
100.00	259.53	258.96	258.96	259.10	258.99	258.96			
104.85	259.54	258.98	258.98	259.12	259.11	258.98			
106.50	259.54	258.99	258.99	259.13	259.11	258.99			
110.00	259.54	259.01	259.01	259.15	259.13	259.00			
115.35	259.55	259.03	259.03	259.17	259.16	259.03			
120.00	259.53	259.06	259.06	259.20	259.18	259.05			
125.85	259.52	259.09	259.09	259.23	259.21	259.08			
130.00	259.51	259.11	259.11	259.25	259.23	259.10			
136.35	259.52	259.14	259.14	259.28	259.26	259.13			
140.00	259.52	259.16	259.16	259.30	259.28	259.15			
146.85	259.52	259.19	259.19	259.33	259.32	259.19			
147.90	259.52	259.20	259.20	259.34	259.32	259.19			
148.70	259.52	259.21	259.21	259.35	259.33	259.20			
150.00	259.52	259.20	259.20	259.34	259.32	259.20			
160.00	259.52	259.15	259.15	259.29	259.15	259.15			
170.00	259.52	259.10	259.10	259.24	259.10	259.10			
173.70	259.52	259.10	259.10	259.24	259.10	259.10			
171.50	259.52	259.10	259.10	259.24	259.10	259.10			
175.00	259.52	259.12	259.12	259.25	259.12	259.12			



DESIGN CL
 DATUM R. 293.0
 DESIGN CL
 DESIGN LEFT INSIDE ROADSIDE OF PATH
 DESIGN RIGHT INSIDE ROADSIDE OF PATH
 DESIGN LEFT BACK OF KERB
 DESIGN RIGHT BACK OF KERB
 EXISTING SURFACE
 CHANGE

0.00	259.33	258.84	258.63		258.87	258.60			
10.00	259.20	258.80	258.59		258.83	258.56			
20.00	259.20	258.76	258.55		258.79	258.52			
28.12	259.25	258.73			258.83	258.48			
30.00	259.26	258.72			258.83	258.48			
40.00	259.27	258.68			258.83	258.44			
40.02	259.27	258.68			258.83	258.44			
50.00	259.22	258.64			258.83	258.40			
51.72	259.22	258.63	258.42		258.87	258.39			
60.00	259.22	258.60	258.38		258.83	258.36			
61.05	259.22	258.59	258.38		258.83	258.35			
70.00	259.20	258.56	258.35		258.83	258.32			
73.55	259.19	258.54	258.34		258.83	258.30			
80.00	259.17	258.52	258.31		258.83	258.28			
86.05	259.16	258.49	258.29		258.83	258.25			
90.00	259.16	258.48	258.27		258.83	258.24			
98.55	259.12	258.44	258.24		258.83	258.20			
100.00	259.11	258.44	258.23		258.83	258.20			
107.82	259.07	258.41	258.20		258.83	258.17			
110.00	259.06	258.40			258.83	258.16			
119.72	259.03	258.36			258.83	258.12			
120.00	259.03	258.36			258.83	258.12			

ORANYA ESTATE - STAGE 12A
 BEVERIDGE
 FUNCTIONAL LAYOUT PLAN
 ROAD LONG SECTIONS SHEET 2
 CLIENT: MITCHELL SHIRE COUNCIL
 DRAWN BY: S/1488-12A-RD13
 PROJECT NO: 1009/2021

Tomkinson
 STAFF / ENGINEERING / PLANNING / PROJECT MANAGEMENT
 1209-101 WESTERN AVENUE, WESTMEADOWS PH 03 9748 9988
 WWW.TOMKINSON.COM

ORANYA
 THE BEHAVIOURAL CONTINGENCY
 APPROVED BY TOMKINSON GROUP
 PROJECT NO. 1009/2021
 DRAWN BY: S/1488-12A-RD13
 PROJECT NO: 1009/2021

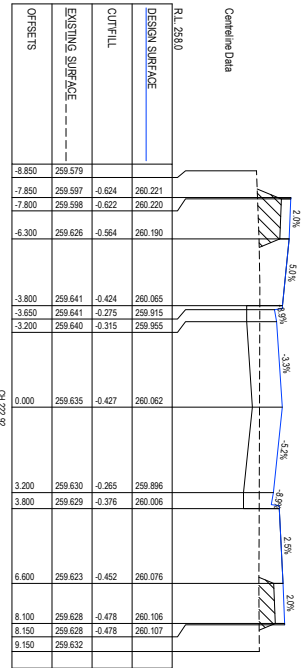
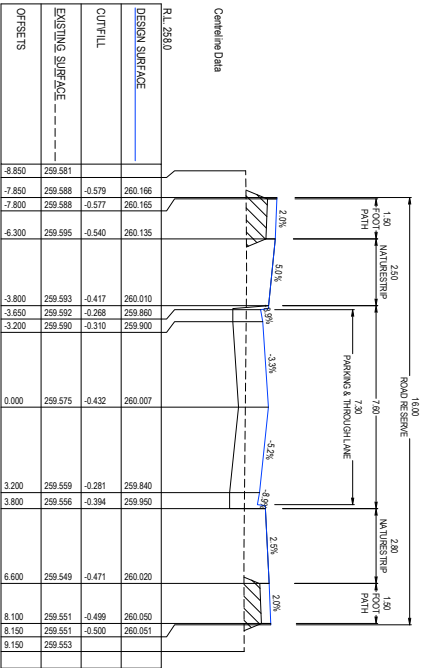
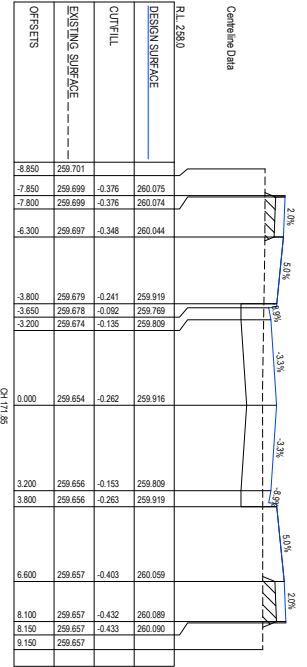
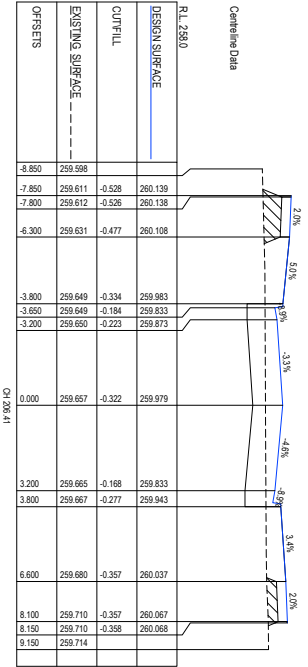
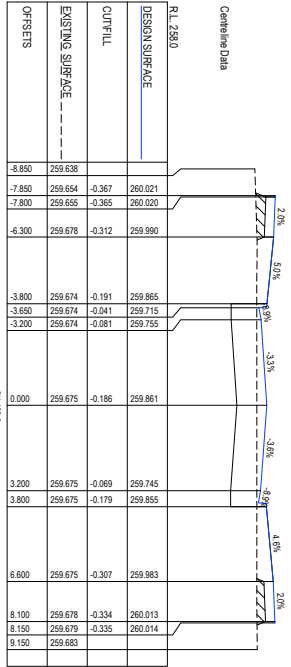
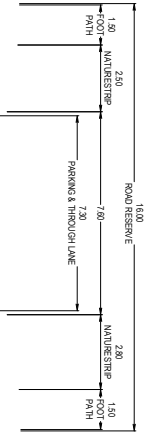
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 V 0 0.5 1 1.5 2 2.5 M

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 APPROVED BY TOMKINSON GROUP
 PROJECT NO. 1009/2021
 DRAWN BY: S/1488-12A-RD13
 PROJECT NO: 1009/2021

FOR TENDER

NOTE:

DEMOTES
STRUCTURAL FILL
(REFER EAVEMENT
NOTES)



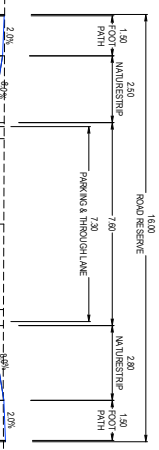
ISSUED FOR TENDER
DESIGN CHECK DATE



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VERTICAL DIMENSIONS IN METRES - PAPER SIZE A1



OORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
ROAD CROSS SECTIONS WILLOWLEAF STREET
AUTHORITY: MITCHELL SHIRE COUNCIL
CLIENT: THE CORCORNS DEVELOPMENTS GROUP PTY LTD
DMS STAFFS
FOR TENDER S1488.12A-RD14



Centreline Data

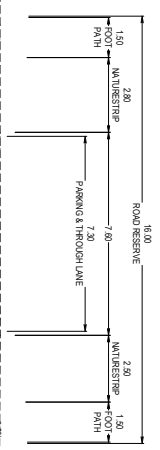
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-7.850	259.379	0.008	259.372	
-7.800	259.379	0.009	259.371	
-6.300	259.376	0.036	259.341	
-3.800	259.371	0.231	259.141	
-3.650	259.371	0.380	259.991	
-3.200	259.371	0.346	259.991	
0.000	259.364	0.227	259.137	
3.200	259.358	0.327	259.031	
3.800	259.357	0.216	259.141	
6.600	259.354	-0.011	259.365	
8.100	259.357	-0.037	259.396	
8.150	259.357	-0.038	259.396	
8.150	259.357		259.396	
9.150	259.357		259.396	

Centreline Data

RL 298.0	DESIGN SURFACE	CUT/FILL	EXISTING SURFACE	OFFSETS
-8.850	259.441	-0.034	259.475	
-7.850	259.441	-0.033	259.474	
-6.300	259.441	-0.004	259.444	
-3.800	259.439	0.195	259.244	
-3.650	259.439	0.345	259.094	
-3.200	259.439	0.300	259.094	
0.000	259.437	0.196	259.241	
3.200	259.435	0.301	259.134	
3.800	259.435	0.191	259.244	
6.600	259.431	-0.037	259.468	
8.100	259.436	-0.069	259.498	
8.150	259.436	-0.070	259.498	
9.150	259.436		259.498	

Centreline Data

RL 298.0	DESIGN SURFACE	CUT/FILL	EXISTING SURFACE	OFFSETS
-8.850	259.493		259.493	
-7.850	259.488	-0.015	259.504	
-7.800	259.488	-0.015	259.503	
-6.300	259.481	0.008	259.473	
-3.800	259.468	0.196	259.273	
-3.650	259.468	0.345	259.123	
-3.200	259.468	0.303	259.163	
0.000	259.456	0.187	259.269	
3.200	259.454	0.291	259.163	
3.800	259.454	0.181	259.273	
6.600	259.452	-0.044	259.497	
8.100	259.455	-0.071	259.527	
8.150	259.455	-0.072	259.528	
9.150	259.458		259.528	



Centreline Data

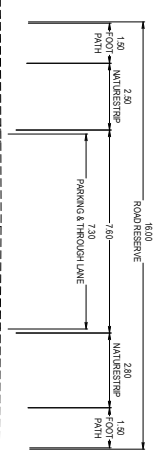
RL 297.0	DESIGN SURFACE	CUT/FILL	EXISTING SURFACE	OFFSETS
-8.850	259.304		259.304	
-7.850	259.303	0.174	259.129	
-7.800	259.303	0.175	259.128	
-6.300	259.304	0.206	259.098	
-3.800	259.305	0.406	258.898	
-3.650	259.305	0.556	258.748	
-3.200	259.305	0.517	258.788	
0.000	259.306	0.411	258.895	
3.200	259.307	0.519	258.788	
3.800	259.307	0.409	258.898	
6.600	259.300	0.178	259.122	
8.100	259.297	0.144	259.152	
8.150	259.297	0.143	259.153	
9.150	259.294		259.294	

Centreline Data

RL 297.0	DESIGN SURFACE	CUT/FILL	EXISTING SURFACE	OFFSETS
-8.850	259.297		259.297	
-7.850	259.296	0.086	259.210	
-7.800	259.296	0.087	259.209	
-6.300	259.294	0.115	259.179	
-3.800	259.291	0.312	258.979	
-3.650	259.291	0.462	258.829	
-3.200	259.290	0.421	258.869	
0.000	259.289	0.314	258.976	
3.200	259.289	0.420	258.869	
3.800	259.289	0.310	258.979	
6.600	259.288	0.305	259.203	
8.100	259.288	0.055	259.233	
8.150	259.288	0.054	259.234	
9.150	259.288		259.288	

Centreline Data

RL 298.0	DESIGN SURFACE	CUT/FILL	EXISTING SURFACE	OFFSETS
-8.850	259.322		259.322	
-7.850	259.321	0.030	259.291	
-7.800	259.321	0.031	259.290	
-6.300	259.325	0.065	259.260	
-3.800	259.334	0.274	259.060	
-3.650	259.335	0.425	258.910	
-3.200	259.338	0.386	258.950	
0.000	259.348	0.291	259.056	
3.200	259.359	0.409	258.950	
3.800	259.360	0.301	259.060	
6.600	259.368	0.084	259.284	
8.100	259.371	0.058	259.314	
8.150	259.374	0.057	259.315	
9.150	259.374		259.374	



Centreline Data

RL 297.0	DESIGN SURFACE	CUT/FILL	EXISTING SURFACE	OFFSETS
-8.850	259.290		259.290	
-7.850	259.291	0.330	258.961	
-7.800	259.291	0.332	258.960	
-6.300	259.292	0.396	258.930	
-3.800	259.299	0.569	258.730	
-3.650	259.299	0.720	258.580	
-3.200	259.300	0.680	258.620	
0.000	259.304	0.578	258.726	
3.200	259.292	0.673	258.620	
3.800	259.292	0.562	258.730	
6.600	259.280	0.327	258.954	
8.100	259.275	0.291	258.984	
8.150	259.275	0.290	258.984	
9.150	259.272		259.272	

Centreline Data

RL 297.0	DESIGN SURFACE	CUT/FILL	EXISTING SURFACE	OFFSETS
-8.850	259.313		259.313	
-7.850	259.311	0.266	259.045	
-7.800	259.311	0.267	259.044	
-6.300	259.303	0.289	259.014	
-3.800	259.290	0.476	258.814	
-3.650	259.289	0.626	258.664	
-3.200	259.287	0.583	258.704	
0.000	259.271	0.460	258.811	
3.200	259.254	0.550	258.704	
3.800	259.251	0.437	258.814	
6.600	259.259	0.198	259.038	
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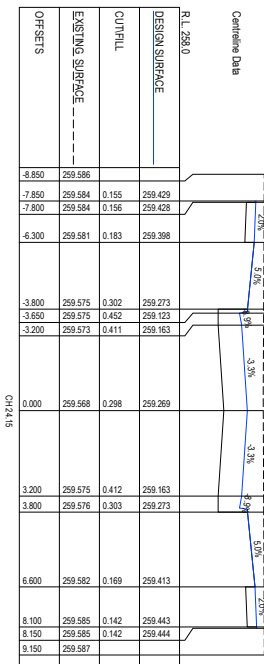
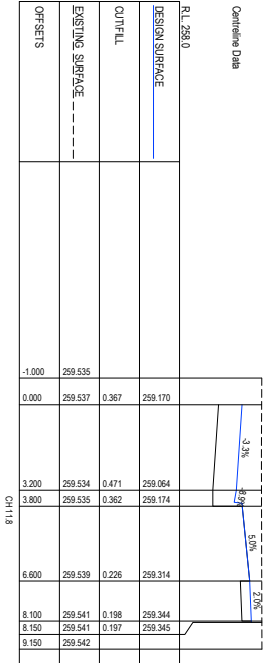
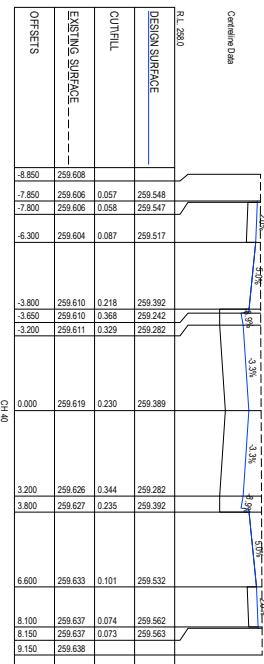
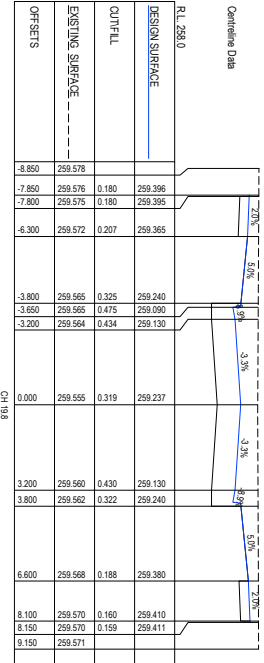
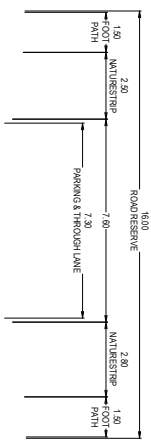
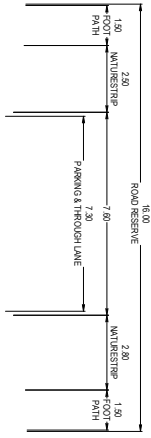
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 REVISION
 DES DWG CHK DATE
 000971



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FOR TENDER S1488.12A-RD15



REV	DESCRIPTION	DATE
A	ISSUED FOR TENDER	04/09/21
DES	DWG CHK	DATE

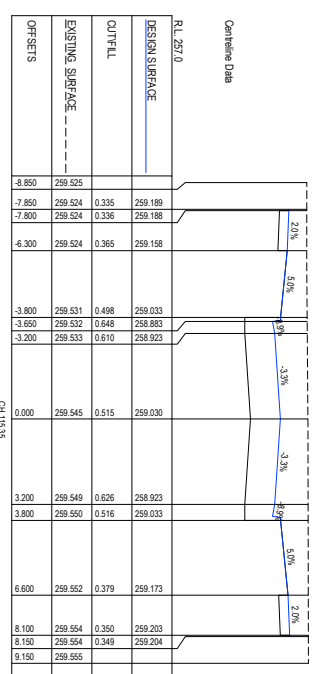
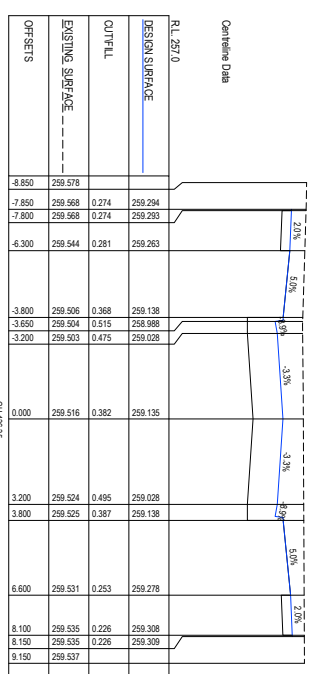
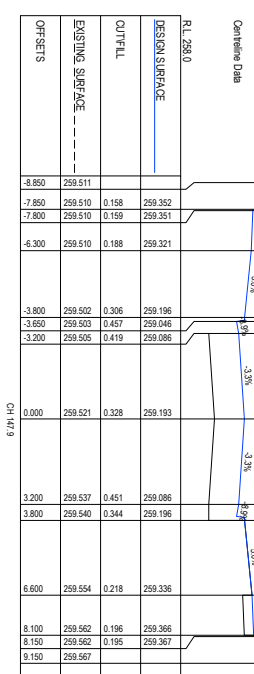
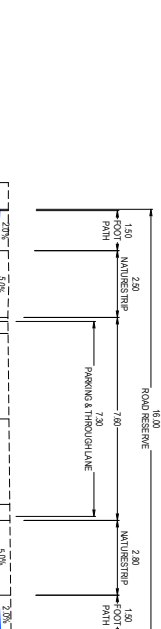
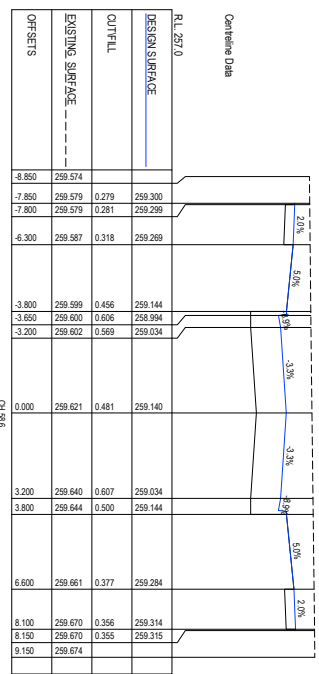
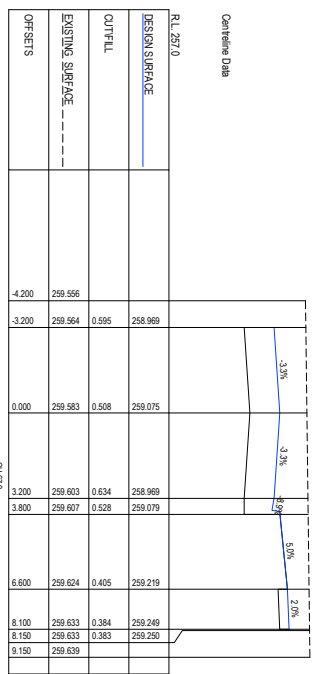
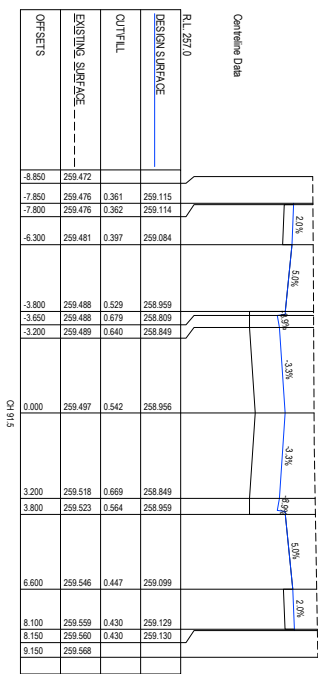
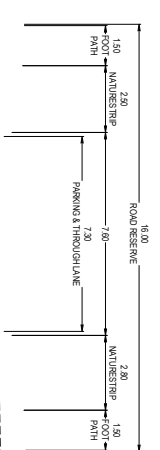
1299-101 WESTERN AVENUE, WESTMEADOWS, PH 03 9746 9988
 ABLN 11 103 398 398 WWW.TOMKINSON.COM



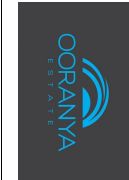
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OORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
ROAD CROSS SECTIONS SWANPHEN PLACE
 AUTHORITY: MITCHELL SHIRE COUNCIL
 CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
 DWS:SVS:MS
FOR TENDER S1488.12A-RD16



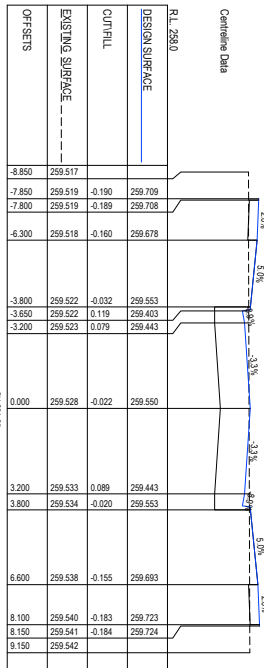
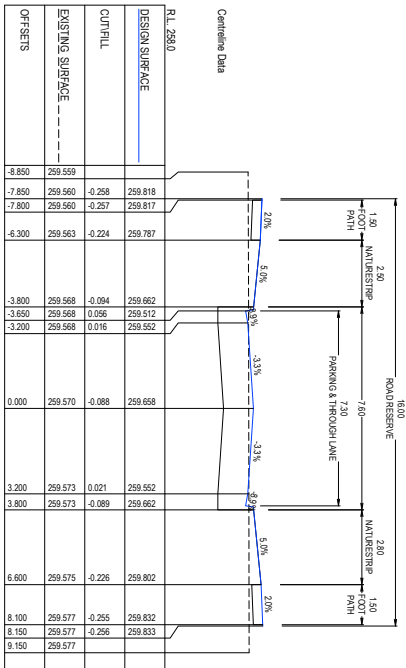
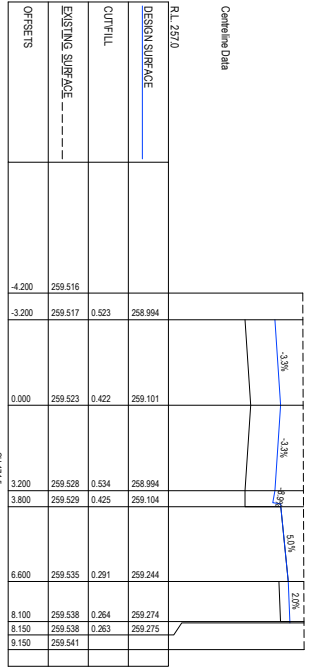
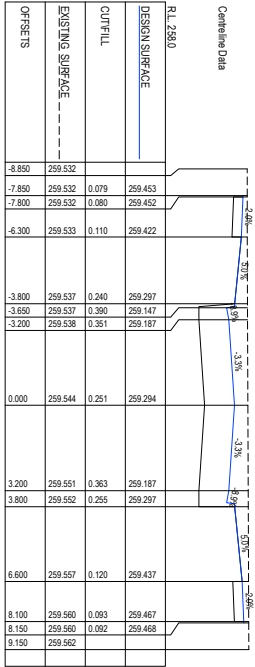
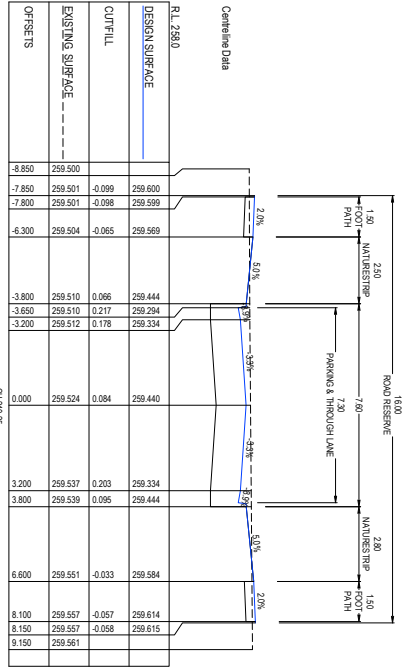
REV A ISSUED FOR TENDER
 REVISION
 DES DWG CHK DATE
 000921



SCALE: H: 1:100 V: 1:30
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OORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
ROAD CROSS SECTIONS MIMOSA DRIVE SHEET 1
 AUTHORITY: MITCHELL SHEE COUNCIL
 CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
 DESIGNED BY: S1488.12A-RD17
 FOR TENDER



REV	DESCRIPTION	DATE
A	ISSUED FOR TENDER	04/09/21

DESIGN CHECK DATE

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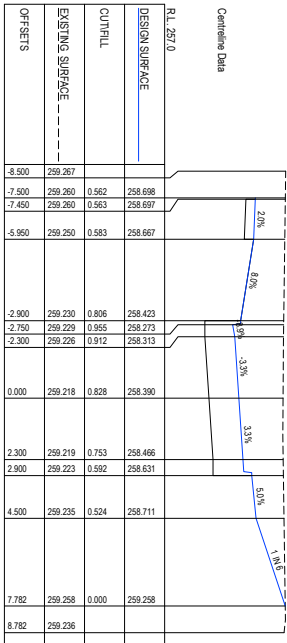
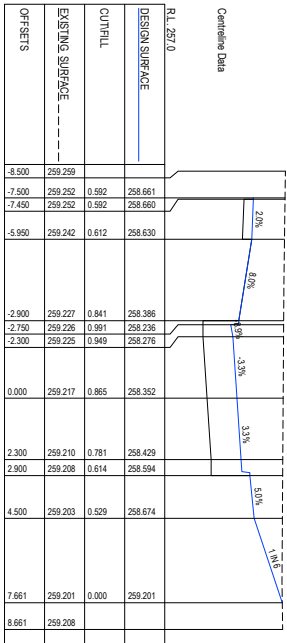
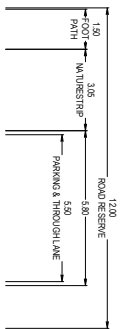
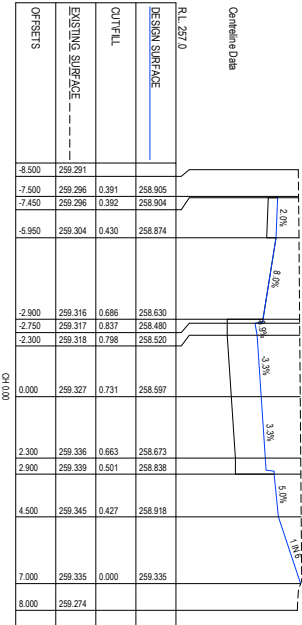
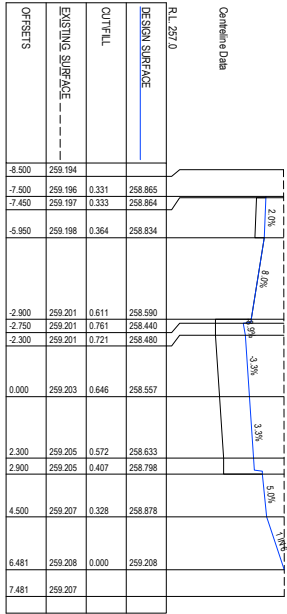
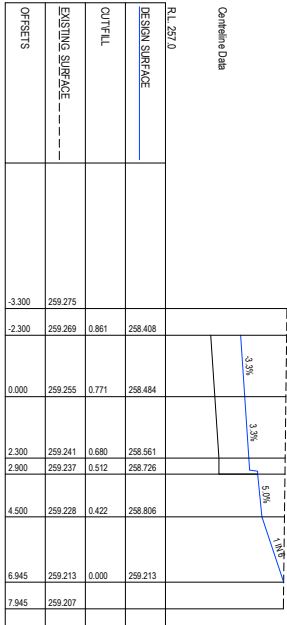
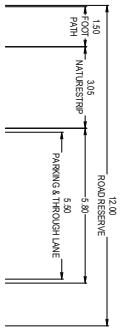


SCALE: H=1:100 V=1:50

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OORANYA ESTATE - STAGE 12A
BEVERIDGE
FUNCTIONAL LAYOUT PLAN
ROAD CROSS SECTIONS MIMOSA DRIVE SHEET 2

CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
 PROJECT: OORANYA
FOR TENDER S1488.12A-RD18



REV	DESCRIPTION	DATE
A	ISSUED FOR TENDER	04/09/21

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SCALE: H=1:100 V=1:30
 H 0 1 2 3 4 5 H
 V 0 5 10 15 20 25 V
 1:100 HORIZONTAL SCALE
 1:30 VERTICAL SCALE
 DIMENSIONS ARE IN METRES - PAPER SIZE A1
 ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED
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 DIMENSIONS TO FACE UNLESS OTHERWISE SPECIFIED
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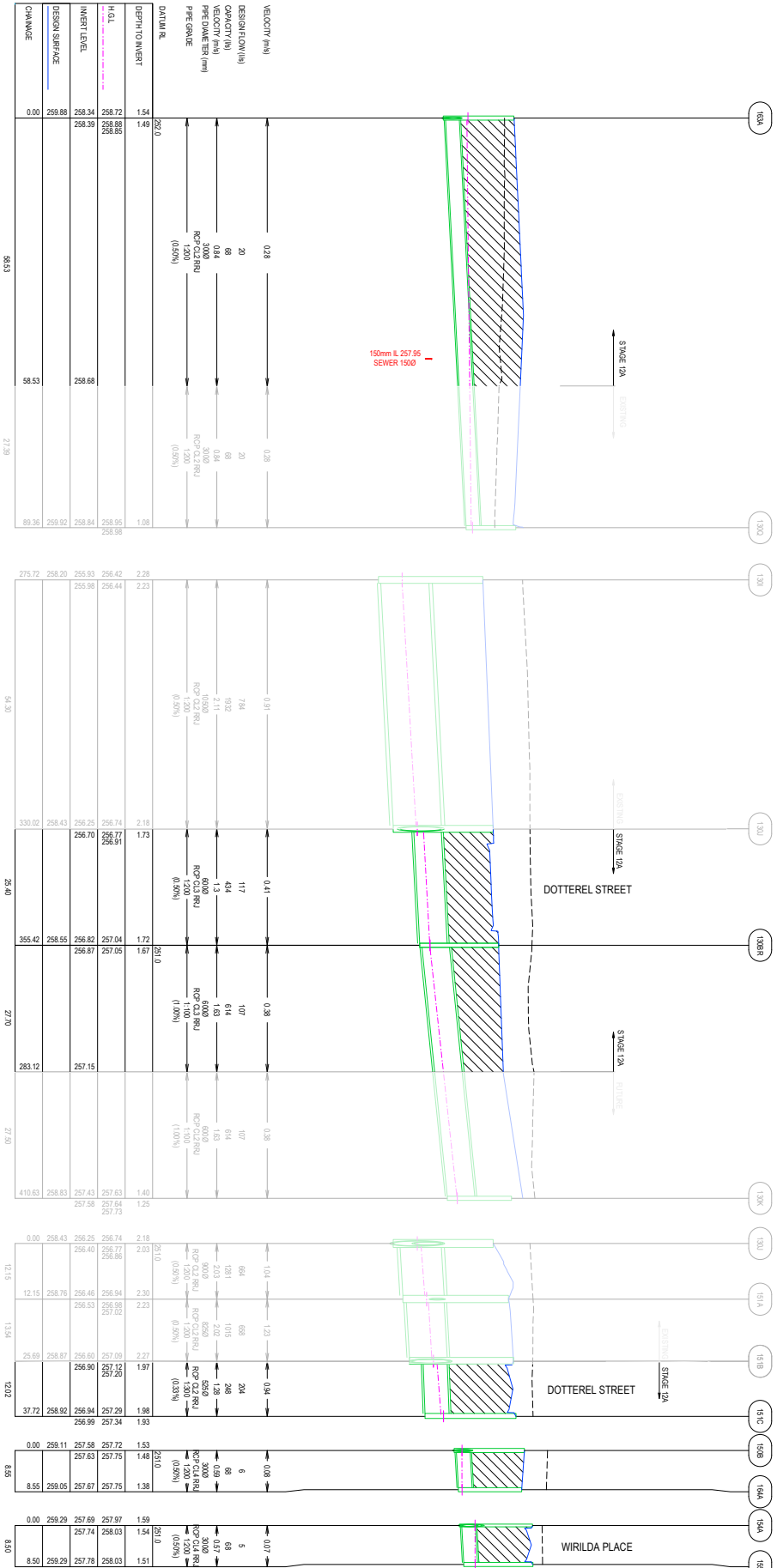


OORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
ROAD CROSS SECTIONS LEADBEATER CIRCUIT
 AUTHORITY: MITCHELL SHIRE COUNCIL
 CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
 DWS:SVANS
FOR TENDER PROJECT: 19-018-019
 S/1488_12A-RD/19

NOTE:



NOTES FULL
DEPTH 20mm CLASS
3 BACKFILL



A	SS&BT FOR TENDER	03/09/21	DESIGN CHECK DATE
REV	REVISION		


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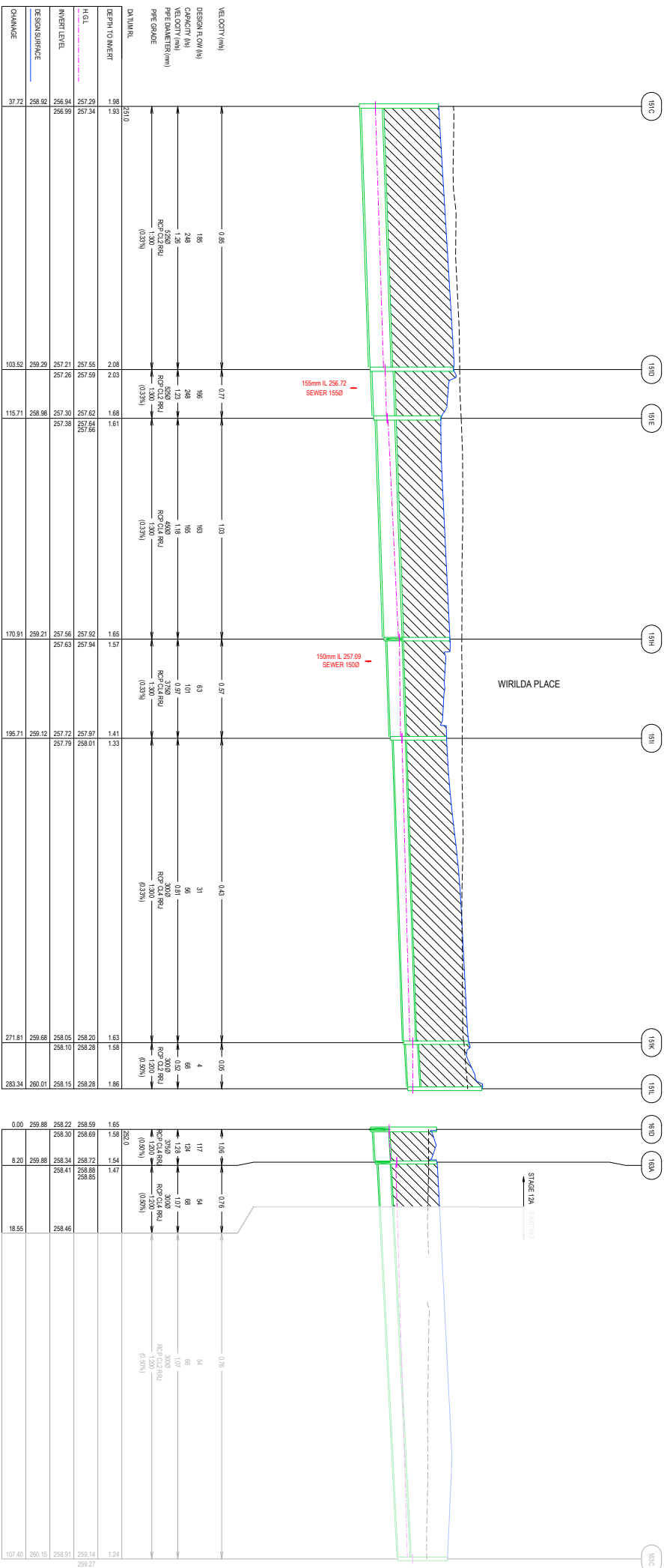


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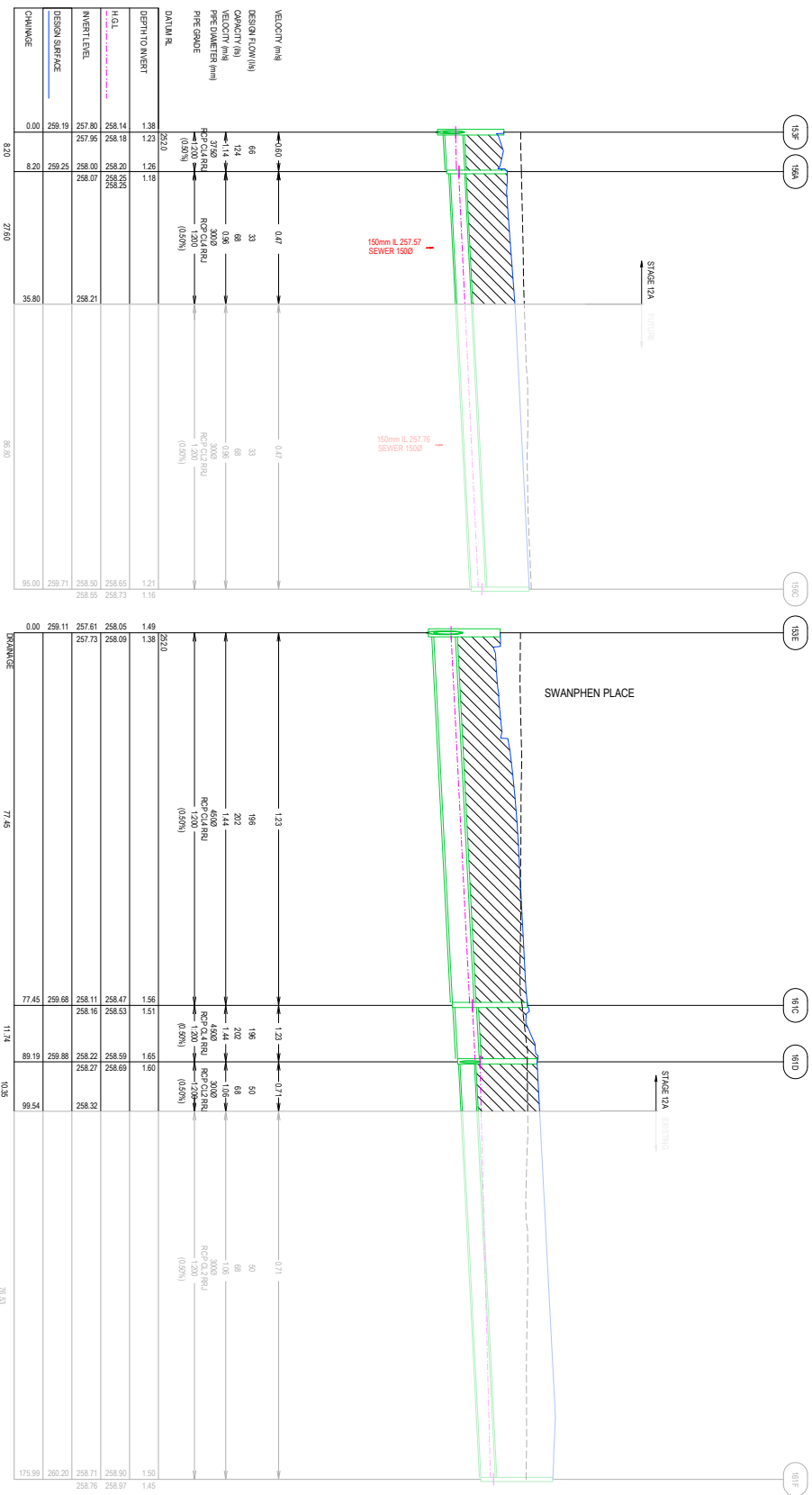
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BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
DRAINAGE LONG SECTIONS SHEET 1
AUTHORITY: MITCHELL SHIRE COUNCIL
CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
DWS STAFFS
FOR TENDER S/1488.12A-RD20
PROJECT DWS/18

NOTE:
 DENOTES FULL DEPTH 20mm CLASS 3 BACKFILL



DESIGNER: S. SIEBERT PARTNER
 REVISION: DES. DWG CHK. DATE: 01/09/21
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 A8N 11 103 398 398 WWW.TOMKINSON.COM
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 SURVEY ENGINEERING PLANNING PROJECT MANAGEMENT
 OORANYA
 SCALE: H 1:500 V 1:30
 HORIZONTAL DIMENSIONS IN METRES - PAPER SIZE A1
 VERTICAL DIMENSIONS IN METRES - PAPER SIZE A1
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 THE BEST OF BOTH WORLDS
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DRAINAGE LONG SECTIONS SHEET 2
 AUTHORITY: MITCHELL SHIRE COUNCIL
 CLIENT: THE CORCORNS DEVELOPMENTS GROUP PTY LTD
 DWS STAVUS
FOR TENDER S/1488.12A-RD21
 PROJECT DWS/16/005
 REV: A

NOTE:
 DENOTES FULL
 DEPTH 20mm CLASS
 3 BACKFILL



REV	DESCRIPTION	REVISION	DESIGN CHK	DATE
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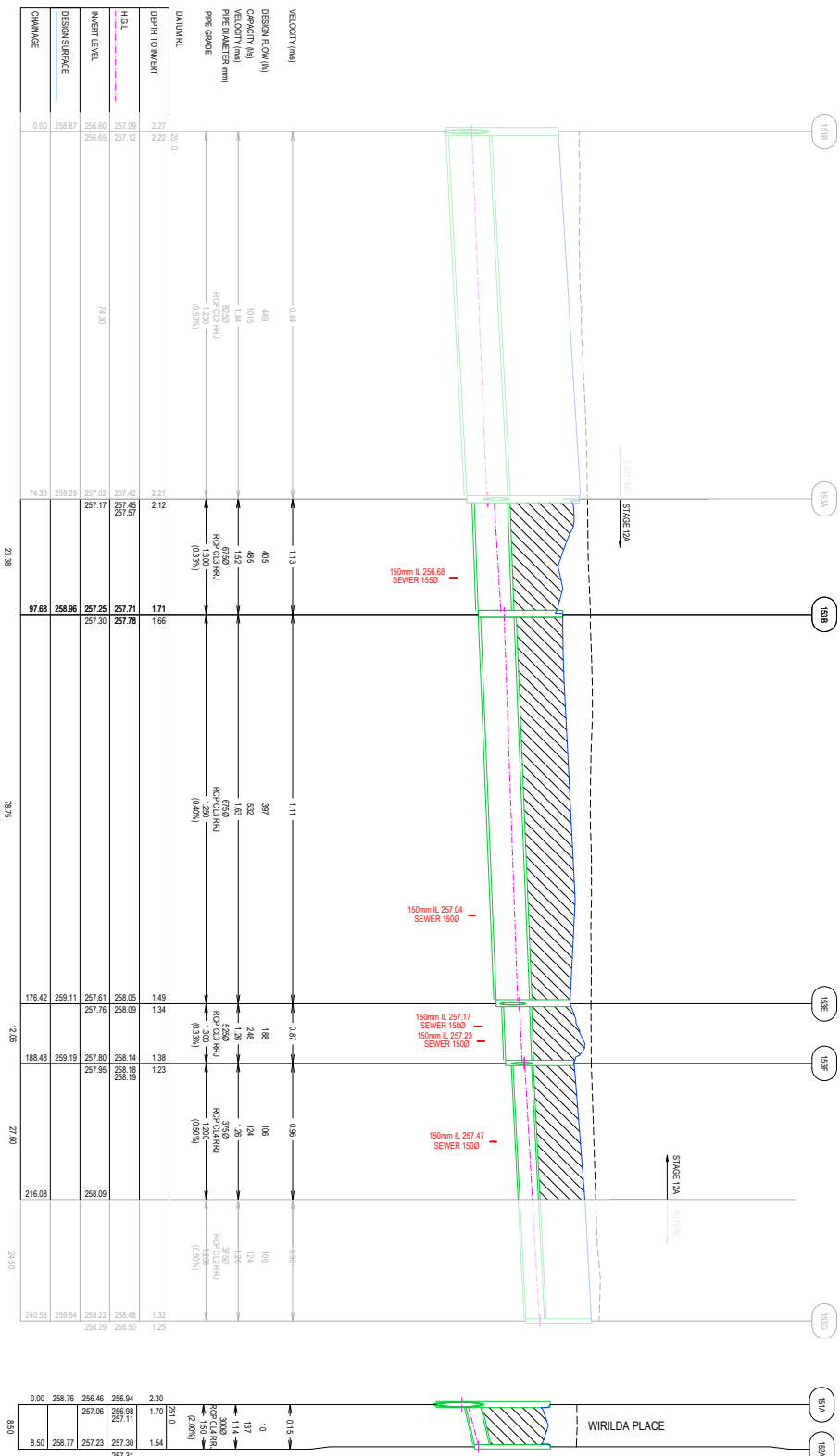
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 ABN 11 103 338 338 WWW.TOMKINSON.COM



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 THE NATIONAL CONTINGENT
 AUTHORITY FOR THE RAILWAY
 INDUSTRY TO MANAGE THE
 RAIL YOU DIG PROGRAM
 TO FACILITATE THE
 CONSTRUCTION OF RAIL INFRASTRUCTURE



OOORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
DRAINAGE LONG SECTIONS SHEET 3
 AUTHORITY: MITCHELL SHIRE COUNCIL
 CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
 DWS: SVS/MS
FOR TENDER S/1488.12A-RD22
 PROJECT & DWS: MS



VELOCITY (m/s)	0.84
DESIGN FLOW (l/s)	449
DESIGN FLOW (m³/s)	0.16
VELOCITY (m/s)	1.03
DESIGN FLOW (l/s)	465
DESIGN FLOW (m³/s)	0.17
PIPE DIAMETER (mm)	6750
PIPE GRADE	RCP CL4 RRU (0.30%)

DEPTH TO INVERT	2.27
H.G.L.	257.09
INVERT LEVEL	257.12
DESIGN SURFACE	256.60
CHANNEL	258.87

DEPTH TO INVERT	2.12
H.G.L.	257.42
INVERT LEVEL	257.02
DESIGN SURFACE	257.25
CHANNEL	259.23

DEPTH TO INVERT	1.71
H.G.L.	257.78
INVERT LEVEL	257.30
DESIGN SURFACE	258.96
CHANNEL	259.23

DEPTH TO INVERT	1.56
H.G.L.	258.05
INVERT LEVEL	257.76
DESIGN SURFACE	259.11
CHANNEL	259.54

DEPTH TO INVERT	1.49
H.G.L.	258.09
INVERT LEVEL	257.80
DESIGN SURFACE	259.19
CHANNEL	259.54

DEPTH TO INVERT	1.38
H.G.L.	258.14
INVERT LEVEL	257.96
DESIGN SURFACE	259.23
CHANNEL	259.54

DEPTH TO INVERT	1.23
H.G.L.	258.48
INVERT LEVEL	258.22
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
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INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
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DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
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DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
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DESIGN SURFACE	259.54
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DESIGN SURFACE	259.54
CHANNEL	259.54

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DESIGN SURFACE	259.54
CHANNEL	259.54

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DESIGN SURFACE	259.54
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DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
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DEPTH TO INVERT	1.31
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DEPTH TO INVERT	1.31
H.G.L.	259.50
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DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
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CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
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DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
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DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
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DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

DEPTH TO INVERT	1.31
H.G.L.	259.50
INVERT LEVEL	258.23
DESIGN SURFACE	259.54
CHANNEL	259.54

REV	A	ISSUED FOR TENDER
REVISION		DES DWG CHK DATE 00/00/21

OORANYA ESTATE - STAGE 12A
BEVERIDGE ROAD & DRAINAGE LAYOUT PLAN
DRAINAGE LONG SECTIONS SHEET 4
 AUTHORITY: MITCHELL SHIRE COUNCIL
 CLIENT: THE CORCORIS DEVELOPMENTS GROUP PTY LTD
 DWS STAVUS
FOR TENDER S/1488.12A-RD23
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 PLOT DATE: 10/09/2021 FILE: C:\12\DATA\10MM&GO-12DS01S1488 - THE CORCORIS GROUP DEVELOPMENT PTY LTD, BEVERIDGE_91ENGINEERING DESIGN\CAD\STAGE 12A\1488 S12A R&D REVA.DWG

