

# DAVIS VINEYARD ESTATE PRECINCT 2 - STAGE 6

## AUSTRALIAN INVESTMENT & DEVELOPMENTS PTY. LTD.

### CITY OF MELTON

#### GENERAL NOTES

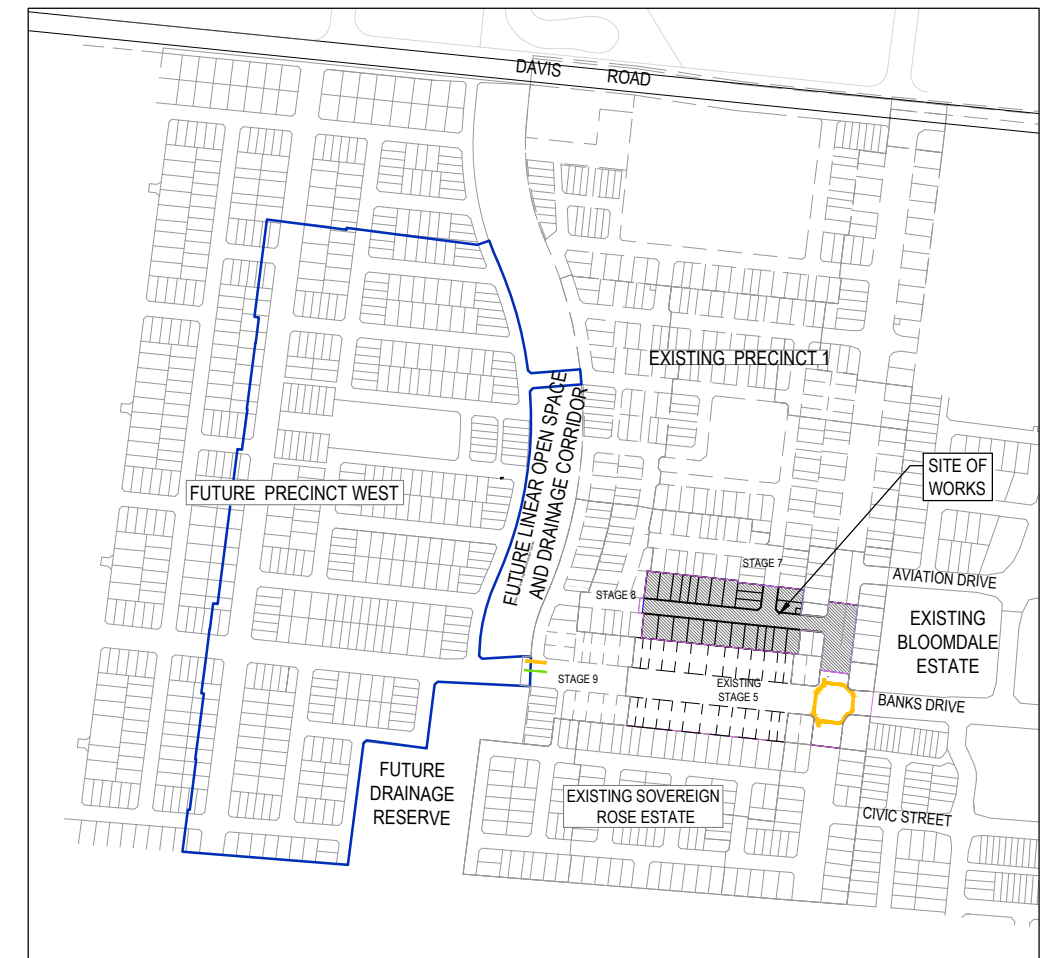
ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE CITY OF MELTON.

- STANDARD DRAWINGS & SPECIFICATIONS TO BE TO THE SATISFACTION OF THE MUNICIPAL ENGINEER OR HIS APPOINTED REPRESENTATIVE.
- THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL LOCAL AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY & ARE NOT GUARANTEED AS CORRECT.
- NO EXCAVATION SHALL BE CARRIED OUT WITH 5.00m OF ANY EXISTING TREE UNTIL APPROVAL HAS BEEN GIVEN BY THE SUPERINTENDENT.
- ALL NATURE STRIPS & EXCAVATED OR FILLED AREAS OUTSIDE OF THE ROAD RESERVES SHALL BE SURFACED WITH A 100mm LAYER OF TOPSOIL AS SPECIFIED.
- ALL ALLOTMENTS SHALL BE SMOOTHED, GRADED & SHAPED TO AN EVEN SURFACE WITH A MINIMUM FALL OF 1 IN 150 ALONG THE LOW BOUNDARY TO THE DRAINAGE OUTLET SHOWN.
- UNLESS OTHERWISE SPECIFIED OR DETAILED, ALL EASEMENT DRAINS ARE TO BE CONSTRUCTED TO AN OFFSET OF 0.90m FROM THE ALLOTMENT BOUNDARY.
- ALL KERB RETURN RADII ARE TO LIP OF KERB UNLESS OTHERWISE SPECIFIED.
- ALL PROPERTY INLETS TO BE CONSTRUCTED AT DEPTHS AND OFFSETS AS SPECIFIED IN EDCM STANDARD DRAWINGS 701, 702, 703 & 704.
- ALL HOUSE DRAIN CONNECTIONS ARE TO BE LOCATED NOT CLOSER THAN 5.20m FROM THE SIDE BOUNDARY OR FROM ANY EASEMENT ALONG THE SIDE BOUNDARY.
- THE CONTRACTOR SHALL TO THE SATISFACTION OF THE SUPERINTENDENT & THE MUNICIPAL ENGINEER PROVIDE AND MAINTAIN ALL NECESSARY WARNING SIGNAGE, LIGHTING & BARRICADING TO COMPLY WITH THE REQUIREMENTS OF THE ROAD TRAFFIC REGULATIONS ACT.
- ALL CONCRETE TO BE USED IN THE CONTRACT WORKS SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 25MPa AT 28 DAYS.
- THE CONTRACTOR TO ERECT STREET NAME SIGNS & GALVANISED IRON POSTS AS DIRECTED BY THE SUPERINTENDENT & PROVIDE THE PROVISION OF A SLEEVE.
- KERB TYPES TO BE USED AS SPECIFIED IN ACCORDANCE WITH MELTON CITY COUNCIL STANDARD DRAWINGS. TRANSITIONS BETWEEN DIFFERENT TYPES TO BE OVER 3.0m, IF IT CANNOT BE ACHIEVED AT A PRAM CROSSING OR DRIVEWAY CROSSOVER.
- THE CONTRACTOR WHEN ENGAGED IN BLASTING OPERATION, SHALL NOT BLAST WITH 4.50m OF AN EXISTING LINE OF WATER, GAS OR SEWER PIPES OR WITH 15m OF ANY COMPLETED PART OF THE WORKS WITHOUT THE CONSENT OF THE SUPERINTENDENT.
- THE CONTRACTOR IS TO OBTAIN THE NECESSARY ROAD OPENING PERMIT PRIOR TO UNDERTAKING ANY WORKS WITHIN A PREVIOUSLY CONSTRUCTED ROADWAY.
- ALL RESIDENTIAL FOOTPATHS TO BE OF A MINIMUM OF 1.50m WIDE.
- ALL TRENCHING OF DEPTH 1.5m OR GREATER MUST COMPLY WITH VICTORIAN WORKCOVER. A "Notice of Intention to Excavate" MUST BE SUBMITTED TO WORKCOVER BEFORE WORK COMMENCES (FAXED TO 03 9628 8155 OR 03 9628 8199)
- THE RELATIVE COMPACTION OF CRUSHED ROCK FOR PAVEMENTS SHALL BE COMPLETED AT THE OPTIMUM MOISTURE CONTENT TO A DRY DENSITY (BASED ON THE PERCENTAGE OF THE MAXIMUM DRY DENSITY OBTAINED IN THE MODIFIED COMPACTION TEST) AS BELOW:
  - FOR DEPTH 0 - 100mm BELOW TOP OF BASE. RELATIVE COMPACTION - 100%
  - FOR DEPTH 100 - 300mm BELOW TOP OF BASE. RELATIVE COMPACTION - 98%
  - FOR DEPTH OVER 300mm BELOW TOP OF BASE. RELATIVE COMPACTION - 97%
- PIPE TRENCHES WITHIN THE ROAD RESERVE MUST BE BACKFILLED WITH 20mm CLASS 3 CRUSHED ROCK TO BE COMPACTED TO A DRY DENSITY NOT LESS THAN 97% OF THE MAXIMUM FOUND IN THE STANDARD COMPACTION TEST FOR THE FOLLOWING:
  - BENEATH THE ROAD PAVEMENT OR DRIVEWAY CROSSOVER TO THE UNDERSIDE OF THE PAVEMENT OR CROSSOVER
  - ADJACENT TO KERBING OR CONCRETE WORKS TO A LEVEL THAT IS NOT AFFECTED BY A 45 DEGREE ANGLE OF REPOSE FROM THE NEAR LOWER EDGE.
- EARTH FILL IS TO BE COMPACTED TO A RELATIVE COMPACTION COMPARED TO A STANDARD COMPACTION TEST AS SPECIFIED BY VICROADS OF:
  - 100% FOR ALL FILL MATERIAL UNDER FILL THAT IS LESS THAN 450mm FROM THE SURFACE.
  - 95% FOR ALL FILL NOT COVERED AS ABOVE.
- THE SUBGRADE BELOW ALL PAVEMENTS SHALL BE COMPACTED TO A DRY DENSITY NOT LESS THAN 97% OF THE MAXIMUM FOUND IN STANDARD COMPACTION TEST IN AREAS OF CUT TO A DEPTH OF 150mm & IN AREAS OF FILL TO A DEPTH OF 450mm.
- TBM'S TO BE MAINTAINED & PROTECTED BY CONTRACTOR FOR THE DURATION OF THE WORKS.

- ALL DRAINAGE PIPES TO BE REINFORCED CONCRETE CLASS 2 UNLESS NOTED OTHERWISE.
- ALL DRAINAGE PIPES UP TO & INCLUDING 600 DIA ARE TO BE RUBBER RING JOINTED. ALL DRAINAGE PIPES LAID ON A CURVED ALIGNMENT ARE TO BE RUBBER RING JOINTED. ALL DRAINAGE PIPES LAID ACROSS A ROAD PAVEMENT ARE TO BE RUBBER RING JOINTED. DRAINAGE PIPES GREATER THAN 600 DIA WITHSTANDING THE ABOVE MAY BE FLUSH JOINTED INCORPORATING SAND BANDS.
- FILLING ON LOTS GREATER THAN 200mm (AS SHOWN BY APPROPRIATE HATCHING) TO BE PLACED BY THE CONTRACTOR UNDER LEVEL ONE (1) SUPERVISION IN ACCORDANCE WITH AS 3798 - 1996. ALL RESULTS TO BE FORWARDED TO THE SUPERINTENDENT FOR APPROVAL.
- ALL LEVELS SHOWN ARE TO A.H.D.
- TACTILE GROUND SURFACE INDICATORS (TGS) ARE TO BE INSTALLED AT ALL PRAM CROSSINGS & PEDESTRIAN CROSS POINTS IN ACCORDANCE WITH AS 1428.
- CONTRACTOR IS OBLIGED TO OBTAIN A PERMIT FOR ANY BLASTING WORKS.
- ALL TRENCHING AT A DEPTH 1.5m OR GREATER MUST COMPLY WITH THE MINES AND TRENCHING REGULATIONS.
- WORKS ARE TO BE CARRIED OUT TO EDCM STANDARDS.
- ALL CUT AND FILL BATTERS SHOWN ON THE PLANS TO BE GRADED AT 1 IN 6 TO EXISTING SURFACE

#### DRAWING INDEX

DRAWING No.	TITLE
1600059-06-001	COVER SHEET
1600059-06-002	TYPICAL ROAD CROSS SECTIONS AND GENERAL DETAILS
1600059-06-003	PAVEMENT MAKEUP AND GENERAL DETAILS
1600059-06-010	LAYOUT PLAN
1600059-06-012	INTEGRATED WATER MANAGEMENT PLAN (SHEET 1 OF 2)
1600059-06-013	INTEGRATED WATER MANAGEMENT PLAN (SHEET 2 OF 2)
1600059-06-100	ROAD LONGITUDINAL SECTION'S MADISONS AVENUE AND VIOLETTA BOULEVARD
1600059-06-101	ROAD LONGITUDINAL SECTION'S RYNA'S WAY
1600059-06-200	ROAD CROSS SECTIONS MADISONS AVENUE
1600059-06-201	ROAD CROSS SECTIONS VIOLETTA BOULEVARD
1600059-06-202	ROAD CROSS SECTIONS RYNA'S WAY
1600059-06-300	INTERSECTION DETAILS (SHEET 1 OF 2)
1600059-06-301	INTERSECTION DETAILS (SHEET 2 OF 2)
1600059-06-350	SIGNAGE & LINE MARKING PLANS
1600059-06-400	DRAINAGE LONGITUDINAL SECTIONS (SHEET 1 OF 3)
1600059-06-401	DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 3)
1600059-06-402	DRAINAGE LONGITUDINAL SECTIONS (SHEET 3 OF 3) AND PIT SCHEDULE



**SITE PLAN**  
NOT TO SCALE  
MELWAY REF: 351 H2

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
B	DRAWING INDEX UPDATED	28.03.22	DZ	SM					
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					

Designed Date: S. GILBERT 23.08.2021  
Drawn: N. TABUENA  
Approved Date: R. WICKETT 7.10.2021  
PS Number: PS 822978N/S2



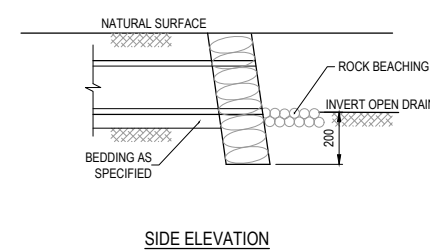
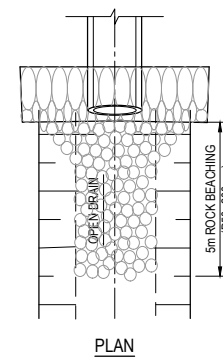
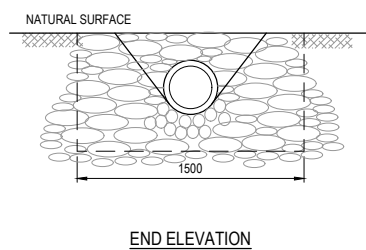
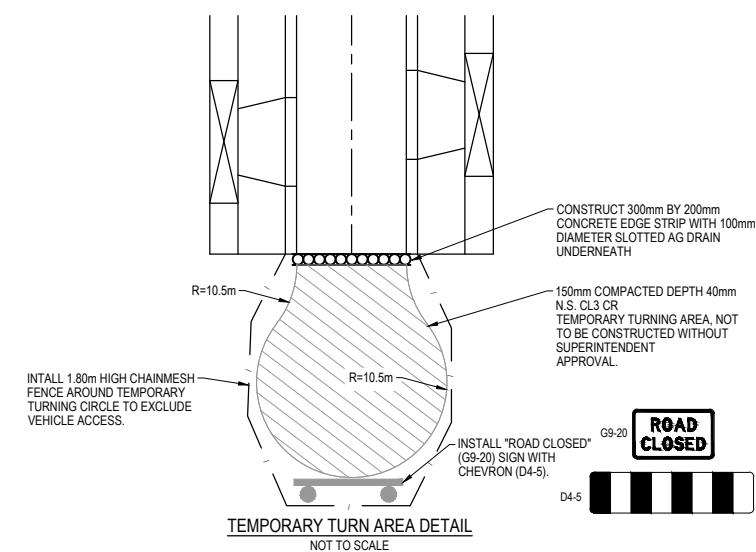
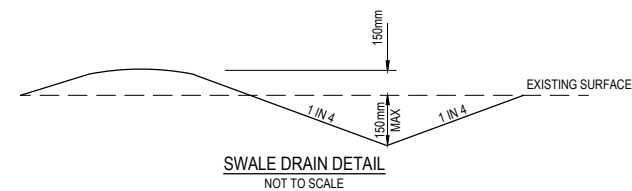
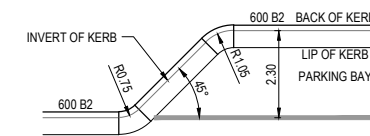
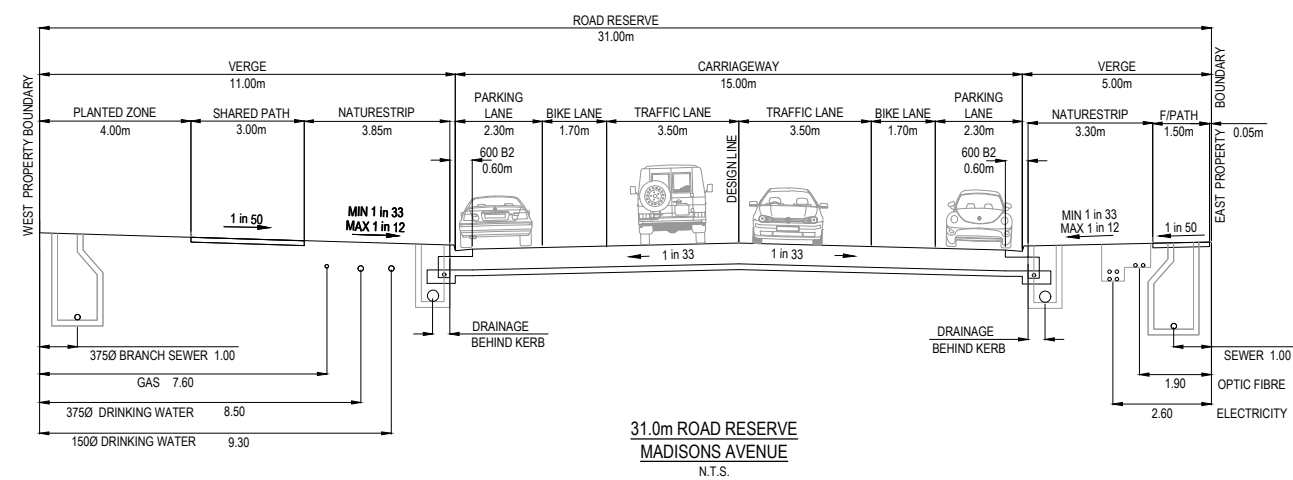
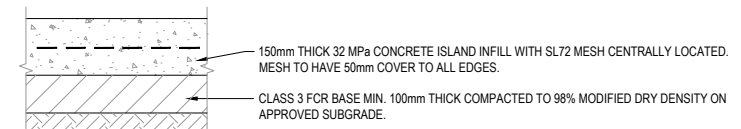
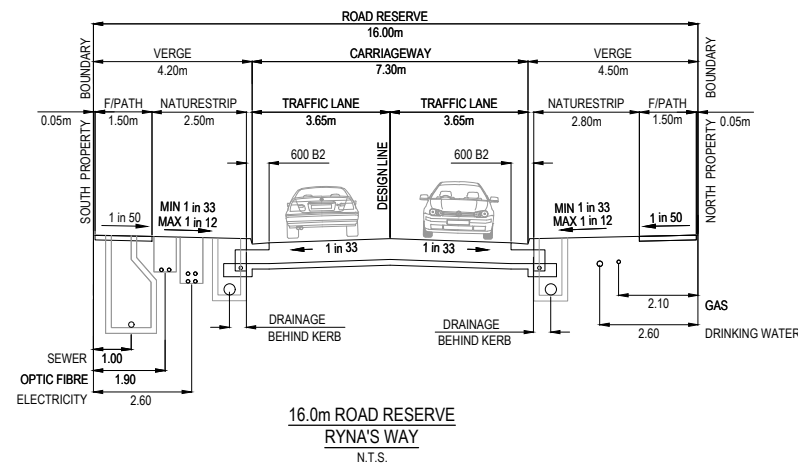
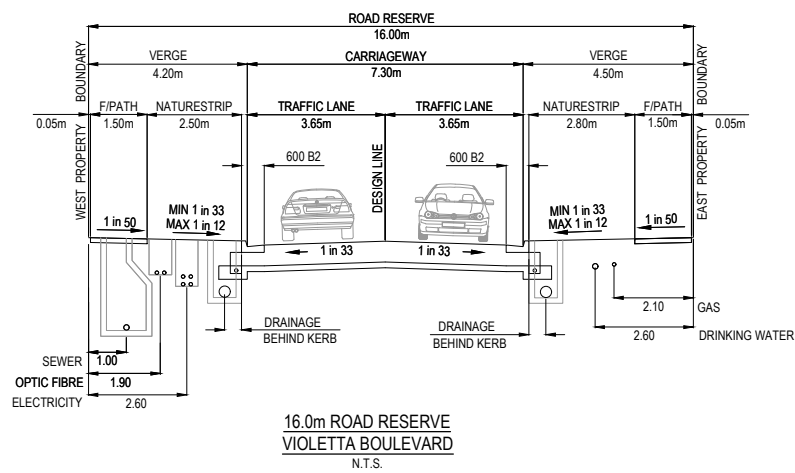
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AUST. INVESTMENT & DEV. P/L  
CITY OF MELTON  
Drawing Title: COVER SHEET

Sheet 01 of 17

Scale: NOT TO SCALE

Project Ref: 1600059  
Stage No: 06  
Drawing No: 001  
Rev: B





**SANDBAG ENDWALL DETAIL  
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P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					

Designed S. GILBERT  
Date 23.08.2021  
Drawn N. TABUENA  
Approved R. WICKETT  
Date 7.10.2021  
PS Number PS 822978/N/2

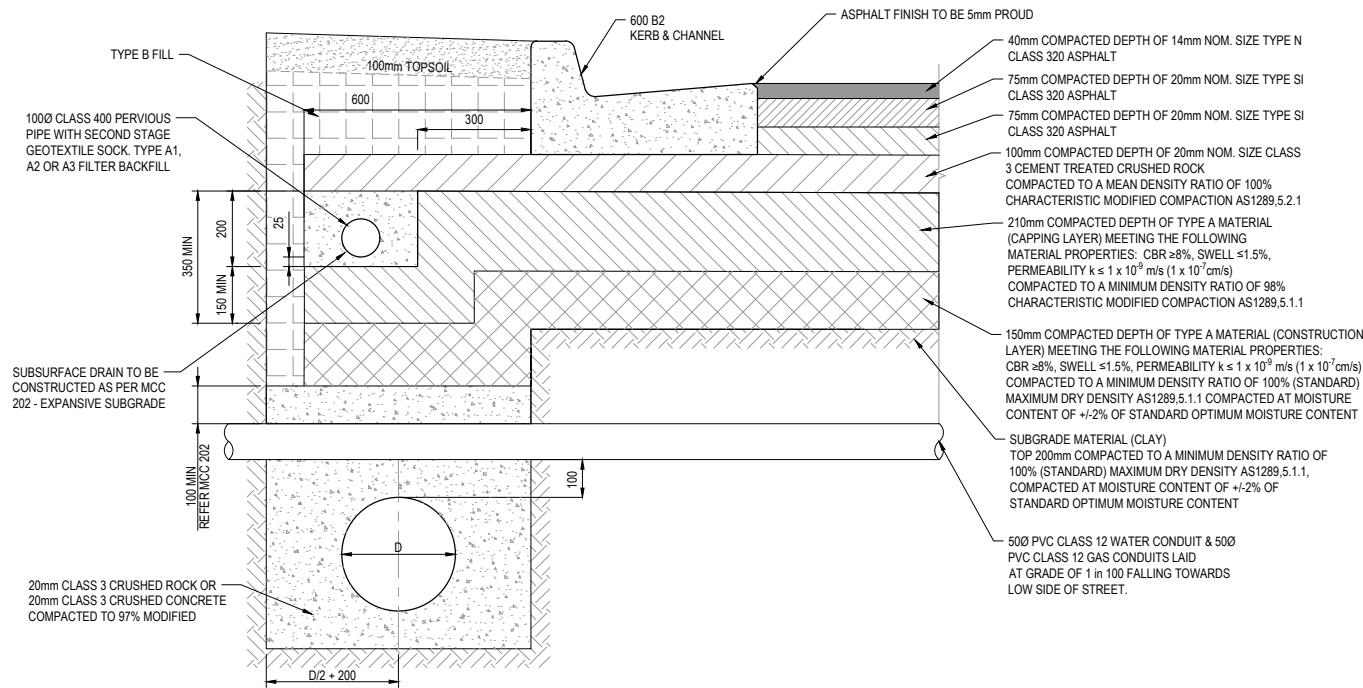
**BW** Beveridge Williams  
1 Glenferrie Road  
Malvern VIC 3144  
ph: 03 9524 8888  
www.beveridgewilliams.com.au

Project Details  
DAVIS VINEYARD - STAGE 6  
AUST. INVESTMENT & DEV. P/L  
CITY OF MELTON  
Drawing Title  
TYPICAL ROAD CROSS SECTIONS  
AND GENERAL DETAILS

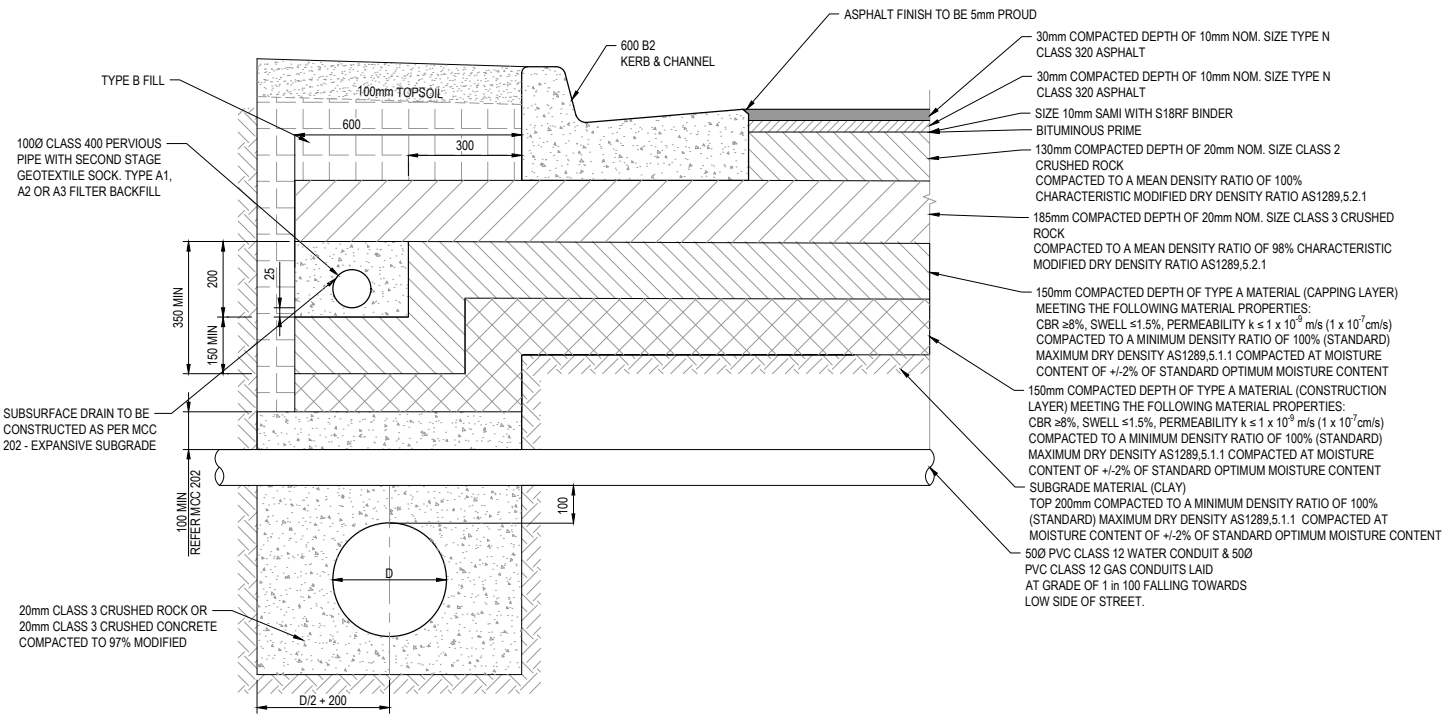
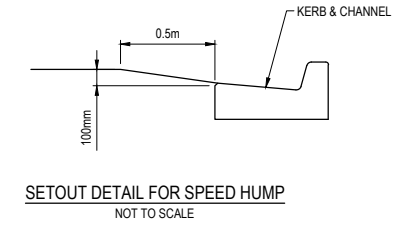
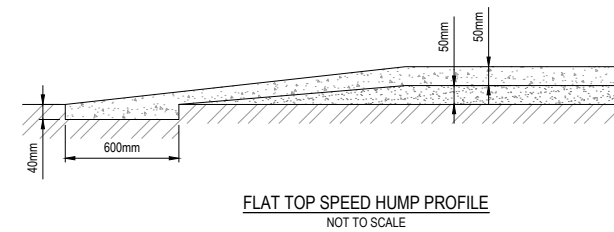
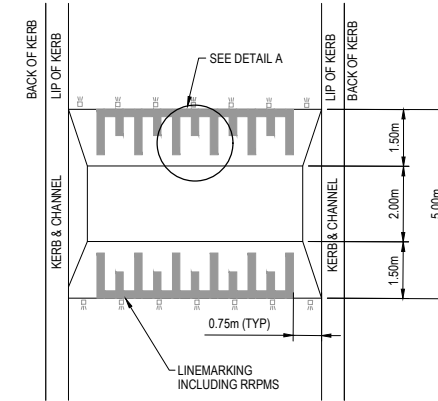
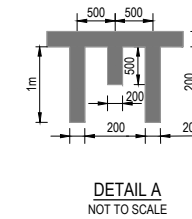
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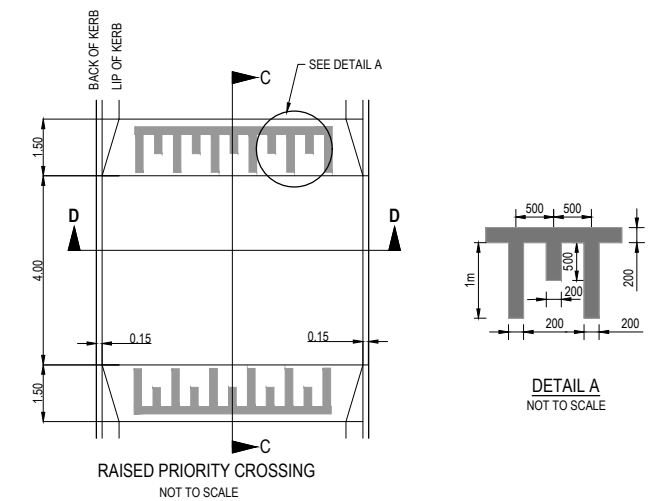
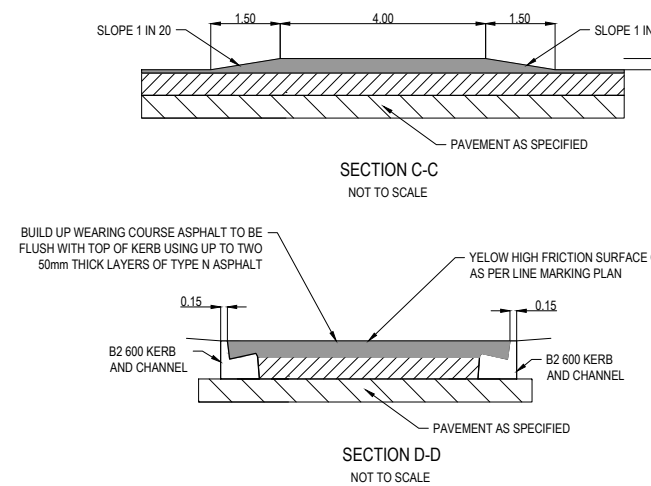
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1600059	06	002	B



**PAVEMENT COMPOSITION FOR MADISONS AVENUE**  
650mm DEPTH  
N.T.S.



**PAVEMENT COMPOSITION FOR VIOLETTA BOULEVARD & RYNA'S WAY**  
675mm DEPTH  
N.T.S.



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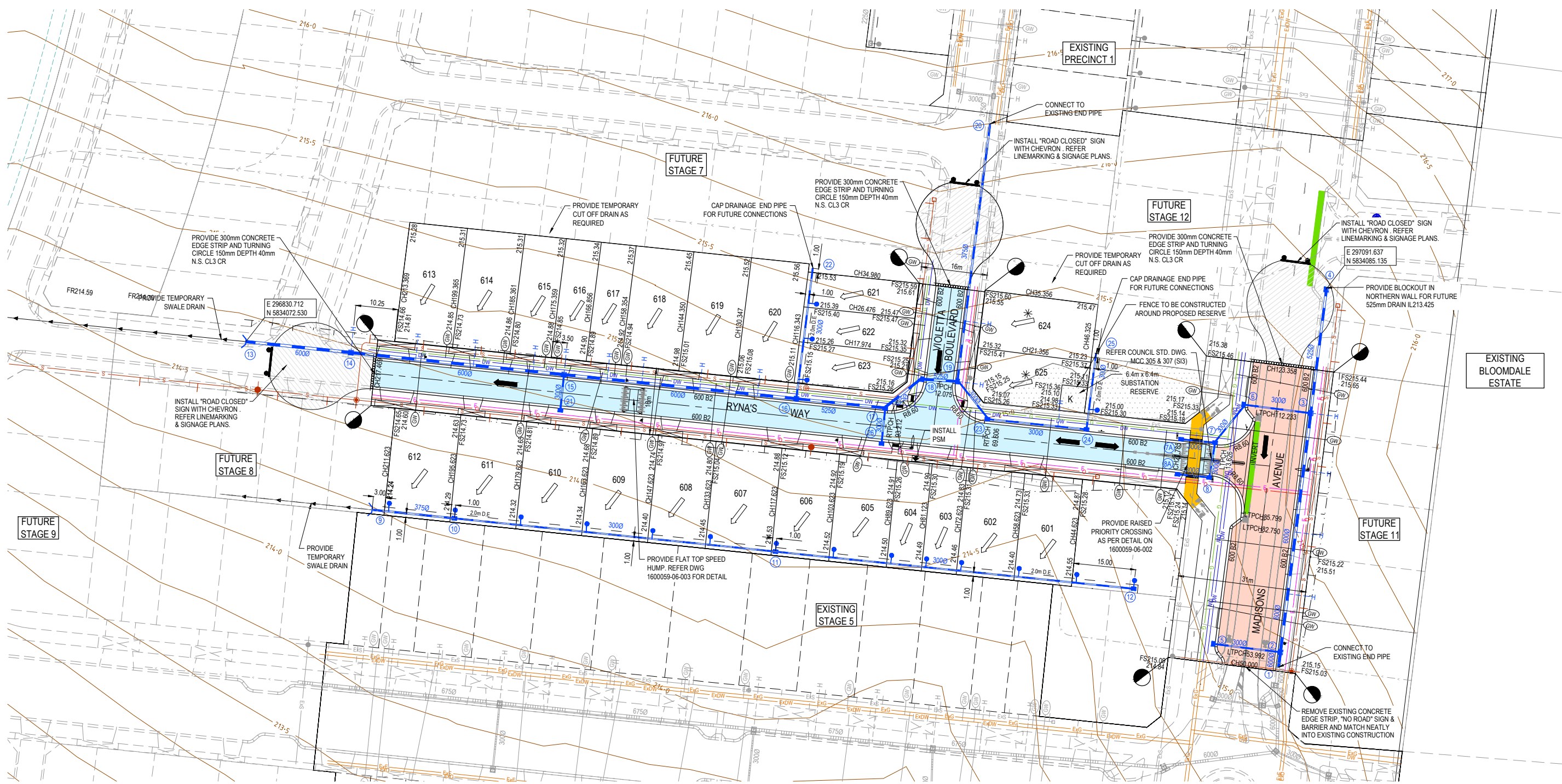
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C	ROAD NAME UPDATED	28.03.22	DZ	SM					
B	AG DETAIL UPDATED & PRIORITY CROSSING DETAIL ADDED	25.02.22	NT	RW					
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW	D	PAVEMENT COMPACTION UPDATED	6.04.22	SG	SM

Designed S. GILBERT  
Date 23.08.2021  
Drawn N. TABUENA  
Approved R. WICKETT  
Date 7.10.2021  
PS Number PS 822978N/S2



Project Details  
DAVIS VINEYARD - STAGE 6  
AUST. INVESTMENT & DEV. P/L  
CITY OF MELTON  
Drawing Title  
PAVEMENT MAKEUP  
AND GENERAL DETAILS

Sheet 03 of 17  
Scale  
NOT TO SCALE  
Project Ref 1600059  
Stage No 06  
Drawing No 003  
Rev D



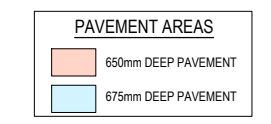
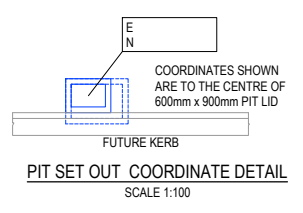
**LEGEND - LAYOUT PLAN**

<ul style="list-style-type: none"> <li>STORMWATER DRAIN, PIT &amp; PROPERTY INLET</li> <li>MELBOURNE WATER DRAIN &amp; PIT</li> <li>SWALE DRAIN</li> <li>SEWER &amp; MAINTENANCE STRUCTURES</li> <li>HOUSE DRAIN</li> <li>SERVICE CONDUITS</li> <li>ELECTRICITY (UNDERGROUND)</li> <li>ELECTRICITY (OVERHEAD)</li> <li>OPTIC FIBRE</li> <li>TELECOMMUNICATIONS</li> <li>GAS</li> <li>WATER</li> <li>RECYCLED WATER</li> </ul>	<ul style="list-style-type: none"> <li>EXISTING STORMWATER DRAIN</li> <li>EXISTING MELBOURNE WATER DRAIN</li> <li>EXISTING ELECTRICITY (UNDERGROUND)</li> <li>EXISTING ELECTRICITY (OVERHEAD)</li> <li>EXISTING GAS</li> <li>EXISTING OPTIC FIBRE</li> <li>EXISTING TELECOMMUNICATIONS</li> <li>EXISTING WATER</li> <li>EXISTING RECYCLED WATER</li> <li>EXISTING SEWER</li> <li>EXISTING HOUSE DRAIN</li> <li>EXISTING SWALE DRAIN</li> <li>TACTILE PAVERS (INDICATIVE ONLY)</li> </ul>	<ul style="list-style-type: none"> <li>EXISTING SURFACE LEVEL</li> <li>FINISHED BUILDING LINE LEVEL</li> <li>FINISHED RIDGE LINE LEVEL</li> <li>TOP OF RETAINING WALL</li> <li>BOTTOM OF RETAINING WALL</li> <li>RIDGE LINE</li> <li>RETAINING WALL</li> <li>ZERO LOT LINES</li> <li>PAVEMENT TREATMENT</li> <li>STRUCTURAL FILL &gt; 200mm DEEP</li> <li>EX. STRUCTURAL FILL &gt; 200mm DEEP</li> </ul>	<ul style="list-style-type: none"> <li>DIRECTION OF FALL</li> <li>OVERLAND FLOW</li> <li>ALLOTMENT TO BE GRADED EVENLY IN</li> <li>DIRECTION OF FALL TO LEVELS INDICATED</li> <li>CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN &amp; BARRIER</li> <li>LIMIT OF WORKS</li> <li>EXISTING TREE TO BE REMOVED</li> <li>PERMANENT SURVEY MARK</li> <li>TEMPORARY BENCH MARK</li> <li>PROPOSED DRIVEWAY</li> <li>TREE PROTECTION ZONE (TPZ)</li> </ul>
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**SERVICE OFFSET TABLE**

Location	Side	Gas		Water		Electricity		Telecommunication		Sewer	
		Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	Side	Offset (m)	
MADISONS AVENUE	W	7.70	W	9.30 (1500)	E	2.60	E	1.90	E/W	1.00	
RYNA'S WAY	N	2.10	N	2.60	S	2.60	S	1.90	N/S	1.00	
VIOLETTA BOULEVARD	E	2.10	E	2.60	W	2.60	W	1.90	E/W	1.00	

NOTE: STREET TREES ARE TO BE PLANTED IN THE CENTRE OF ALL NATURE STRIPS



**NOTE:**  
REFER COUNCIL STD. DWG. MCC 305 & 307 FOR ISLAND DETAIL - S13 ON 90° BENDS  
MCC 501 FOR SINGLE VEHICLE CROSSING  
MCC 503 FOR DOUBLE VEHICLE CROSSING  
MCC 504 FOR INDUSTRIAL VEHICLE CROSSING

**WARNING**  
**BWARE 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. Locate all underground services before commencement of works  
**DIAL 1100 BEFORE YOU DIG**  
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C	ROAD NAME UPDATED	28.03.22	DZ	SM					
B	PRIORITY CROSSING WIDTH UPDATED	25.02.22	NT	RW					
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
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P1	ISSUED FOR TENDER	01.09.21	NT	RW					

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
	PAVEMENT AREAS ADDED	6.04.22	SG	SM					



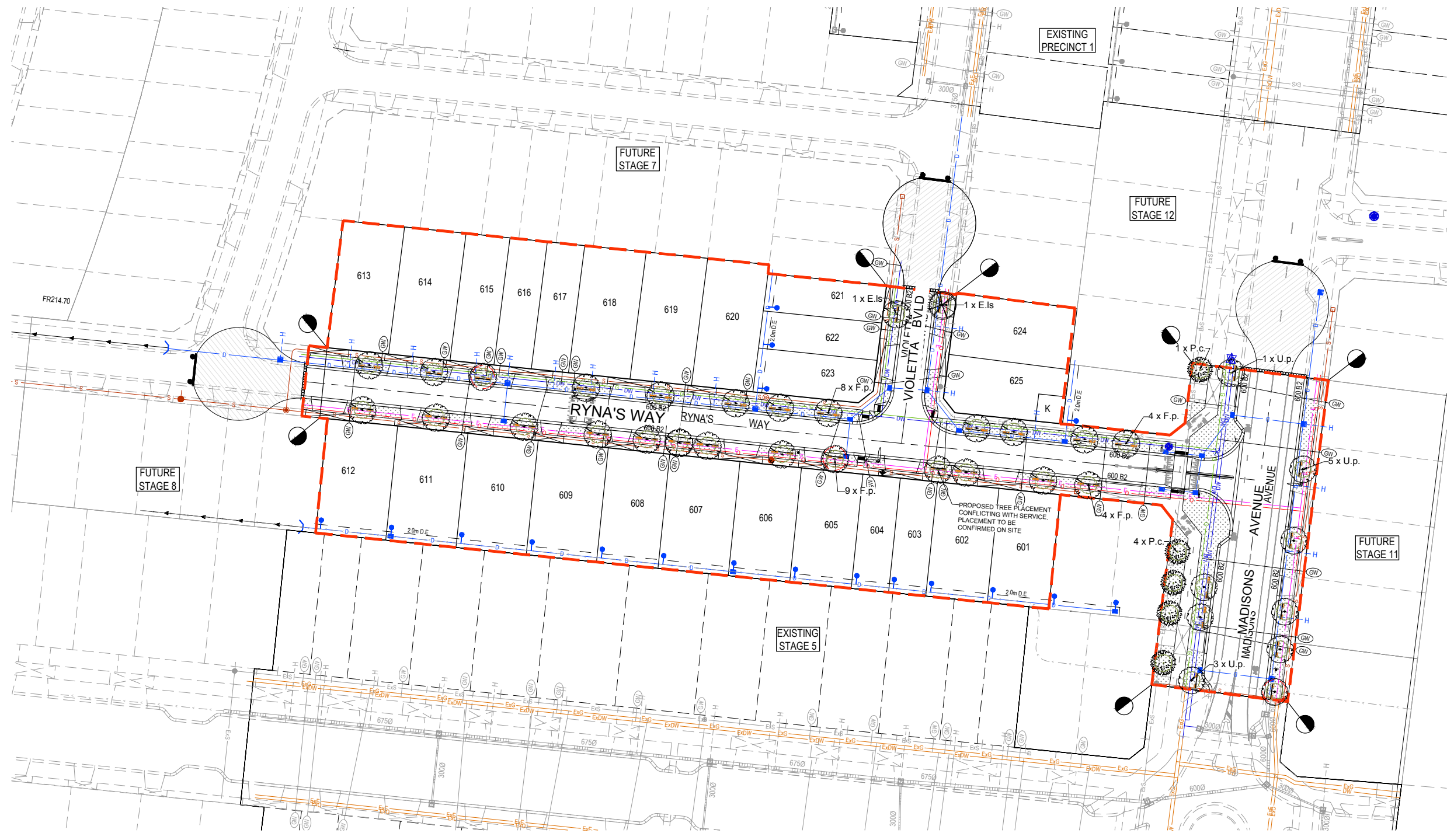
Designed S. GILBERT  
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PS Number PS 822978N/S2

**BW Beveridge Williams**  
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Project Details  
**DAVIS VINEYARD - STAGE 6**  
AUST. INVESTMENT & DEV. P/L  
CITY OF MELTON  
Drawing Title  
**LAYOUT PLAN**

Sheet 04 of 17  
Scale 1:500 @ A1  
Project Ref 1600059  
Stage No 06  
Drawing No 010  
Rev D

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**LEGEND - LAYOUT PLAN**

- D — STORMWATER DRAIN, PIT & PROPERTY INLET
- S — SEWER & MAINTENANCE STRUCTURES
- H — HOUSE DRAIN
- GW — SERVICE CONDUITS
- TACTILE PAVERS (INDICATIVE ONLY)
- E — ELECTRICITY (UNDERGROUND)
- OH E — ELECTRICITY (OVERHEAD)
- O — OPTIC FIBRE
- T — TELECOMMUNICATIONS
- G — GAS
- DW — WATER
- NDW — RECYCLED WATER
- ExE — EXISTING ELECTRICITY (UNDERGROUND)
- ExOH E — EXISTING ELECTRICITY (OVERHEAD)
- ExG — EXISTING GAS
- ExO — EXISTING OPTIC FIBRE
- ExT — EXISTING TELECOMMUNICATIONS
- ExDW — EXISTING WATER
- ExNDW — EXISTING RECYCLED WATER
- ExD — EXISTING STORMWATER DRAIN
- ExS — EXISTING SEWER
- ExH — EXISTING HOUSE DRAIN
- ExSW — EXISTING SWALE DRAIN
- RL — RIDGE LINE
- RW — RETAINING WALL
- Z — ZERO LOT LINES
- D.F. — DIRECTION OF FALL
- \* ALLOTMENT TO BE GRADED EVENLY IN DIRECTION OF FALL TO LEVELS INDICATED
- C.E.S. — CONCRETE EDGE STRIP WITH SUBSOIL DRAIN, "NO ROAD" SIGN & BARRIER
- L.O.W. — LIMIT OF WORKS
- P.S.M. — PERMANENT SURVEY MARK
- T.B.M. — TEMPORARY BENCH MARK
- P.D. — PROPOSED DRIVEWAY
- P.S.T.T.I. — PASSIVE STREET TREE IRRIGATION
- G.T. — GRAVEL TRENCH
- P.T. — PROPOSED TREE

**NOTE:**  
TREE LOCATIONS SHOWN ARE PRELIMINARY AND FINAL TREE LOCATION SUBJECT TO ELECTRICAL AND STREETSCAPE DESIGNS

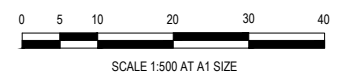
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C	PLAN UPDATED AS PER AMENDED LANDSCAPE PLANS	28.03.22	DZ	SM
B	PRIORITY CROSSING WIDTH UPDATED	25.02.22	NT	RW
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW
P2	ISSUED FOR REVIEW	12.10.21	NT	RW
P1	ISSUED FOR TENDER	01.09.21	NT	RW

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.



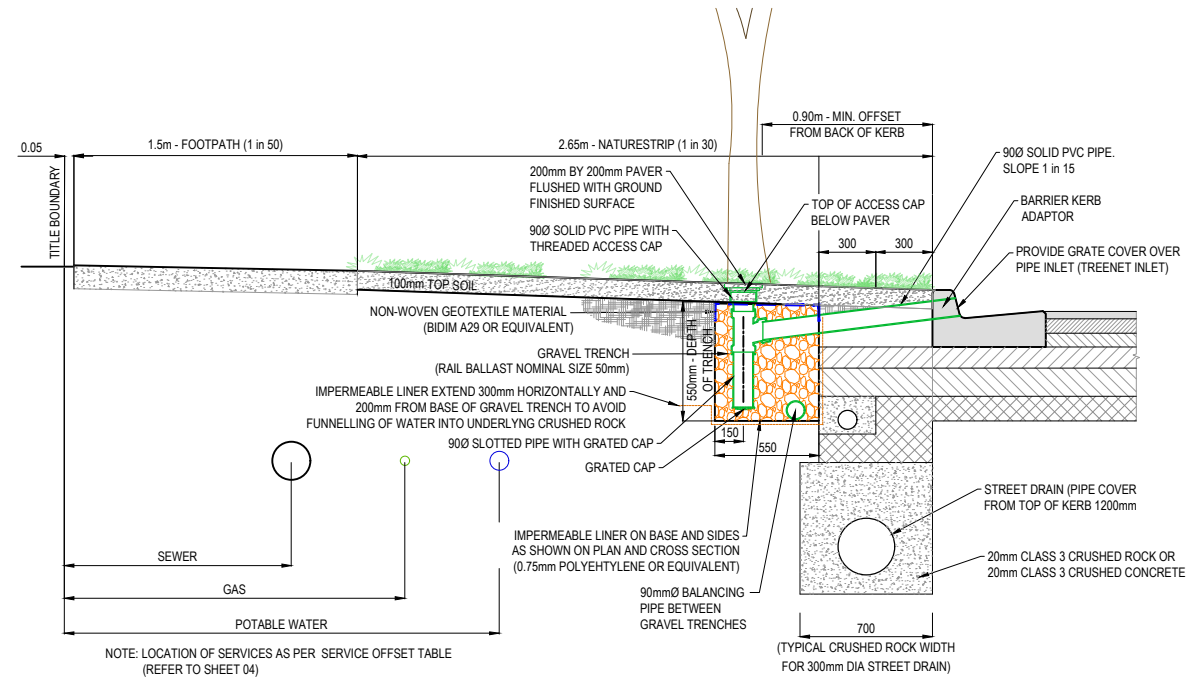
Designed S. GILBERT  
Date 23.08.2021  
Drawn N. TABUENA  
Approved R. WICKETT  
Date 7.10.2021  
PS Number PS 822978N/S2

**BW** Beveridge Williams  
1 Glenferrie Road  
Malvern VIC 3144  
ph: 03 9524 8888  
www.beveridgewilliams.com.au

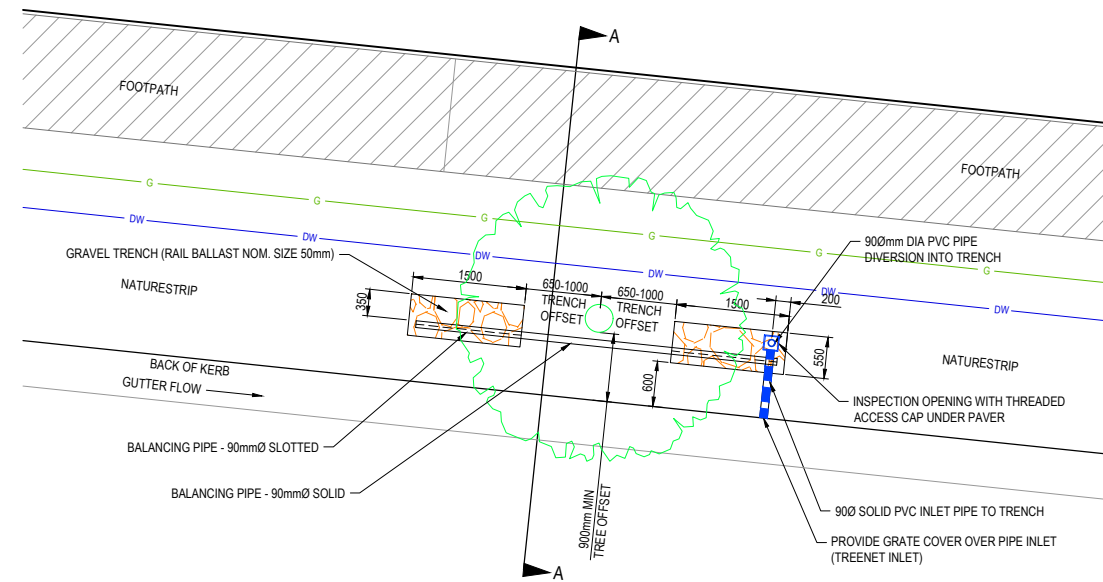
Project Details  
**DAVIS VINEYARD - STAGE 6**  
AUST. INVESTMENT & DEV. P/L  
CITY OF MELTON  
Drawing Title  
**INTEGRATED WATER MANAGEMENT PLAN**  
(SHEET 1 OF 2)

Sheet 05 of 17  
Scale 1:500 @ A1  
Project Ref 1600059  
Stage No 06  
Drawing No 012  
Rev C

\\Melb01\jobs\Drawings\1600059 Diggers Rest\_Engl\Precinct 2\Stage 6\Drawings\1600059-06-012-LAY.dwg



PASSIVE STREET TREE IRRIGATION GRAVEL TRENCH  
(KERB INLET DIVERSION)  
CROSS SECTION A-A  
N.T.S.



PASSIVE STREET TREE IRRIGATION GRAVEL TRENCH  
(KERB INLET DIVERSION)  
PLAN  
N.T.S.

- NOTES:
- AT HIGHLY CONSTRAINED SITES, GRAVEL TRENCHES CAN BE MODIFIED IN THE FOLLOWING WAYS:
    - REDUCED OFFSET OF 0.75m FROM TREE CENTRELINE
    - DIMENSION 1.0m LONG x 0.6m WIDE x 0.75m DEEP
    - NATURESTRIP  $\leq$  2.5m DIMENSION CAN BE 1.5m LONG x 0.4m WIDE x 0.75m DEEP
  - PASSIVE IRRIGATION PLANS TO BE READ IN CONJUNCTION WITH LANDSCAPE PLANS.

ISSUED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					

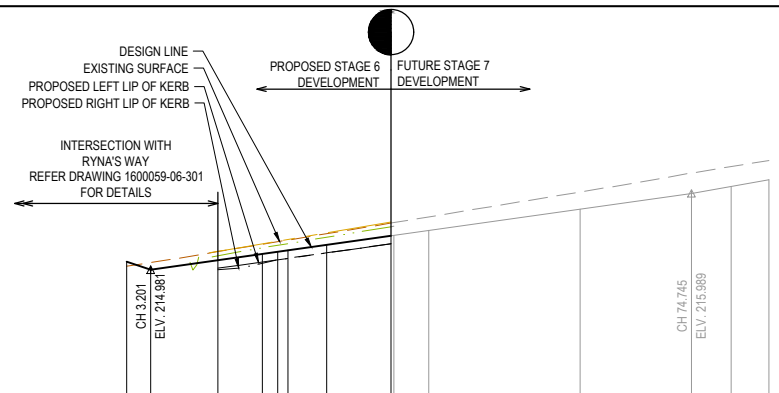
Designed S. GILBERT  
Date 23.08.2021  
Drawn N. TABUENA  
Approved R. WICKETT  
Date 7.10.2021  
PS Number PS 822978N/S2

**BW** Beveridge Williams  
1 Glenferrie Road  
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www.beveridgewilliams.com.au

Project Details  
DAVIS VINEYARD - STAGE 6  
AUST. INVESTMENT & DEV. P/L  
CITY OF MELTON  
Drawing Title  
INTEGRATED WATER MANAGEMENT PLAN  
(SHEET 2 OF 2)

Sheet 06 of 17  
Scale  
NOT TO SCALE  
Project Ref 1600059  
Stage No 06  
Drawing No 013  
Rev A



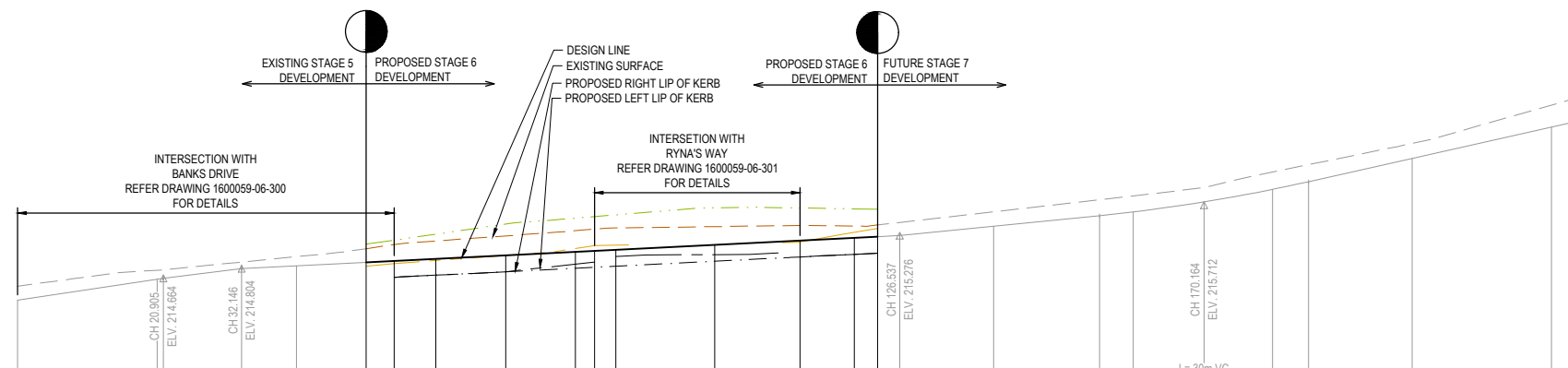


LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT RIGHT BOUNDARY
	RIGHT LIP OF KERB
	EXISTING SURFACE AT LEFT BOUNDARY
	LEFT LIP OF KERB

VERTICAL GEOMETRY  
HORIZONTAL GEOMETRY  
DATUM RL212

DESIGN CENTRELINE	215.087	214.981	215.106	215.189	215.110	215.217	215.236	215.309	215.429	215.499	215.781	215.989	216.080	216.168
RIGHT LIP OF KERB			214.977	215.063	215.110	215.130	215.202	215.322	215.429	215.499	215.781	215.989	216.080	216.168
EXISTING SURFACE AT RIGHT BOUNDARY			215.163	215.268	215.302	215.324	215.408	215.548	215.594	215.678	216.007	216.257	216.343	216.424
LEFT LIP OF KERB			214.989	215.082	215.111	215.130	215.202	215.322	215.429	215.499	215.781	215.989	216.080	216.168
EXISTING SURFACE AT LEFT BOUNDARY			215.222	215.320	215.355	215.378	215.465	215.611	215.678	215.781	216.007	216.257	216.343	216.424
EXISTING SURFACE	215.024	215.074	215.218	215.315	215.349	215.371	215.455	215.595	215.678	215.781	216.007	216.257	216.343	216.424
CHAINAGE	0.000	3.201	12.075	17.974	20.000	21.396	26.476	34.680	40.000	60.000	74.745	80.000	84.980	

TP  
VIOLETTA BOULEVARD - ROAD LONGITUDINAL SECTION



VERTICAL GEOMETRY  
HORIZONTAL GEOMETRY  
DATUM RL212

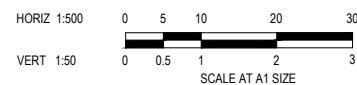
DESIGN CENTRELINE	214.350	214.650	214.664	214.804	214.843	214.893	214.913	214.943	214.993	215.043	215.057	215.072	215.143	215.204	215.243	215.260	215.276	215.411	215.562	215.616	215.759	215.939	216.060	216.384	216.634	216.809	
RIGHT LIP OF KERB				214.678	214.708	214.758	214.808	214.822	214.837	214.908	214.970	215.008	215.025	215.143	215.204	215.243	215.260	215.276	215.411	215.562	215.616	215.759	215.939	216.060	216.384	216.634	216.809
EXISTING SURFACE AT RIGHT BOUNDARY				215.210	215.297	215.442	215.526	215.549	215.574	215.675	215.672	215.660	215.625	215.743	215.804	215.843	215.860	215.876	215.951	216.062	216.116	216.259	216.439	216.560	216.884	217.134	217.309
LEFT LIP OF KERB				214.678	214.708	214.758	214.808	214.822	214.837	214.908	214.970	215.008	215.025	215.143	215.204	215.243	215.260	215.276	215.411	215.562	215.616	215.759	215.939	216.060	216.384	216.634	216.809
EXISTING SURFACE AT LEFT BOUNDARY				214.838	214.876	214.920	215.011	215.133	215.139	215.204	215.183	215.160	215.125	215.243	215.304	215.343	215.360	215.376	215.441	215.552	215.606	215.749	215.929	216.050	216.374	216.624	216.799
EXISTING SURFACE	214.551	214.778	214.796	214.897	214.974	215.089	215.147	215.199	215.272	215.405	215.421	215.438	215.454	215.572	215.633	215.672	215.688	215.753	215.864	215.918	216.061	216.241	216.362	216.686	216.936	217.186	217.361
CHAINAGE	0.000	20.000	20.905	32.146	40.000	50.000	53.992	60.000	70.000	80.000	82.750	85.799	100.000	112.233	120.000	123.398	126.537	140.000	155.164	160.000	170.164	180.000	185.164	200.000	220.000	223.357	217.244

LTP LTP LTP  
MADISONS AVENUE - ROAD LONGITUDINAL SECTION

ISSUED FOR CONSTRUCTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
B	ROAD NAME UPDATED	28.03.22	DZ	SM					
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					



Designed Date  
S. GILBERT  
23.08.2021

Drawn  
N. TABUENA

Approved Date  
R. WICKETT  
7.10.2021

PS Number  
PS 822978N/S2



Project Details  
DAVIS VINEYARD - STAGE 6  
AUST. INVESTMENT & DEV. P/L  
CITY OF MELTON

Drawing Title  
ROAD LONGITUDINAL SECTIONS  
MADISONS AVENUE AND  
VIOLETTA BOULEVARD

Sheet 07 of 17  
Scale  
1:500 H 1:50 V @ A1

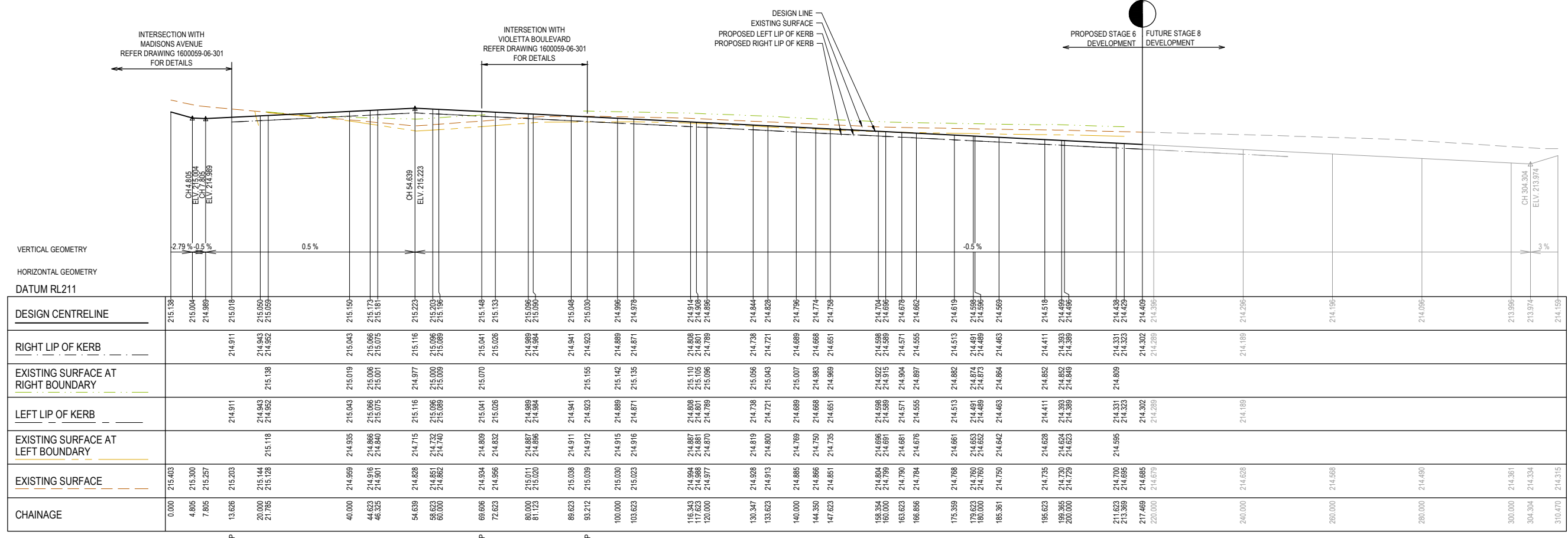
Project Ref  
1600059

Stage No  
06

Drawing No  
100

Rev  
B

LEGEND	
	EXISTING SURFACE
	DESIGN LINE
	FUTURE DESIGN LINE
	EXISTING SURFACE AT RIGHT BOUNDARY
	RIGHT LIP OF KERB
	EXISTING SURFACE AT LEFT BOUNDARY
	LEFT LIP OF KERB

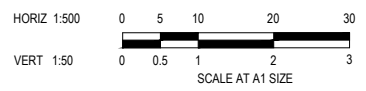


RYNA'S WAY - ROAD LONGITUDINAL SECTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
B	ROAD NAME UPDATED	28.03.22	DZ	SM					
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					



Designed Date: S. GILBERT 23.08.2021  
Drawn: N. TABUENA  
Approved Date: R. WICKETT 7.10.2021  
PS Number: PS 822978/N/S2






Project Details: DAVIS VINEYARD - STAGE 6 AUST. INVESTMENT & DEV. P/L CITY OF MELTON  
Drawing Title: ROAD LONGITUDINAL SECTIONS RYNA'S WAY

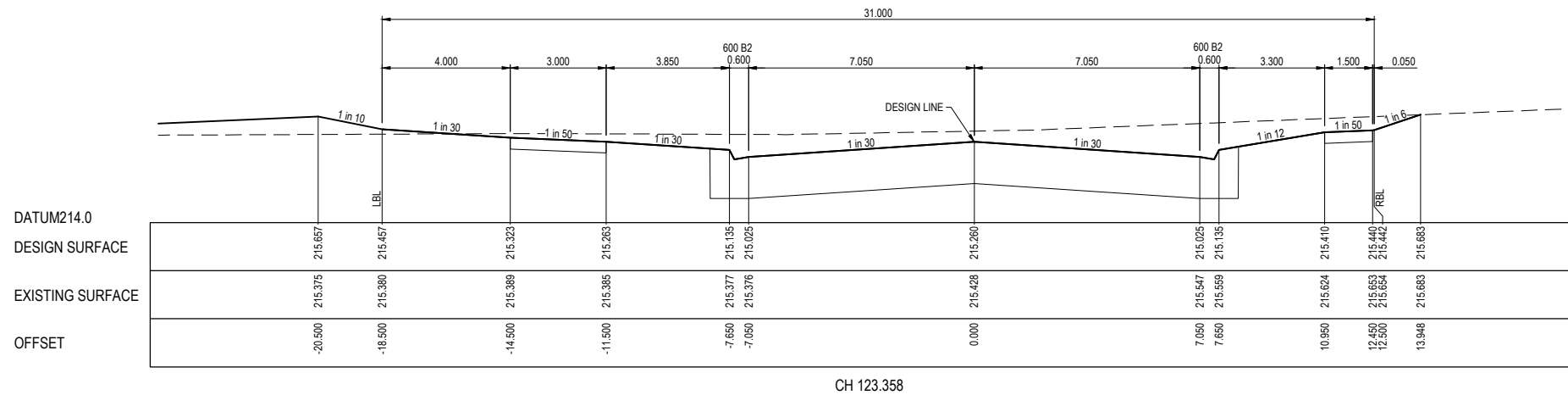
Sheet 08 of 17  
Scale: 1:500 H 1:50 V @ A1  
Project Ref: 1600059 Stage No: 06 Drawing No: 101 Rev: B

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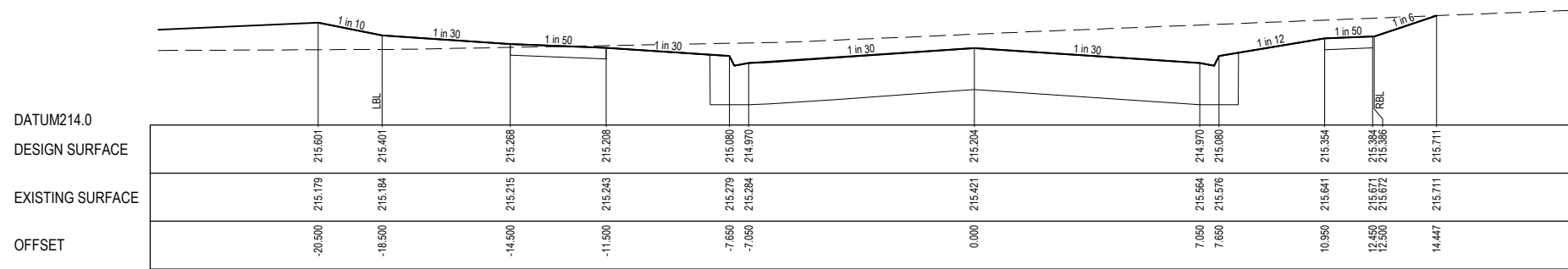


STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

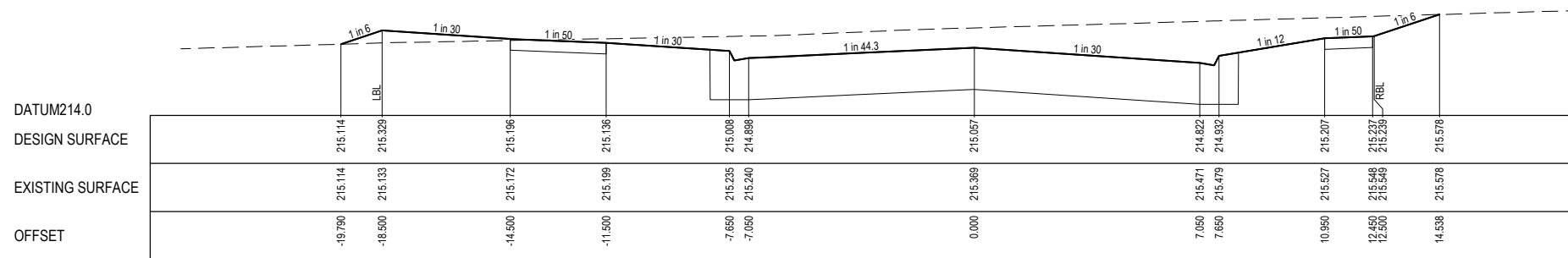
LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	STRUCTURAL FILL



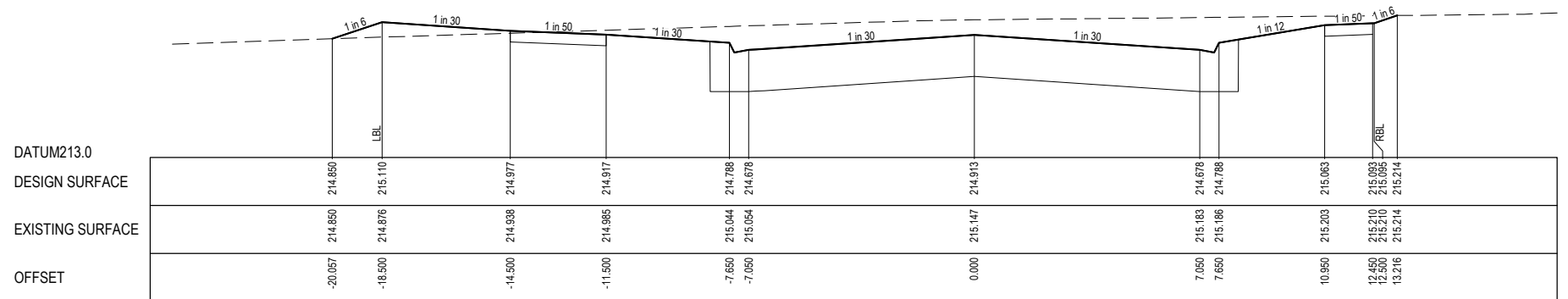
CH 123.358



LTPCH 112.233



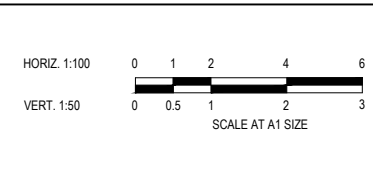
LTPCH 82.750



LTPCH 53.992

ISSUED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					



Designed Date: S. GILBERT 23.08.2021  
Drawn: N. TABUENA  
Approved Date: R. WICKETT 7.10.2021  
PS Number: PS 822978/NS2

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Malvern VIC 3144  
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www.beveridgewilliams.com.au

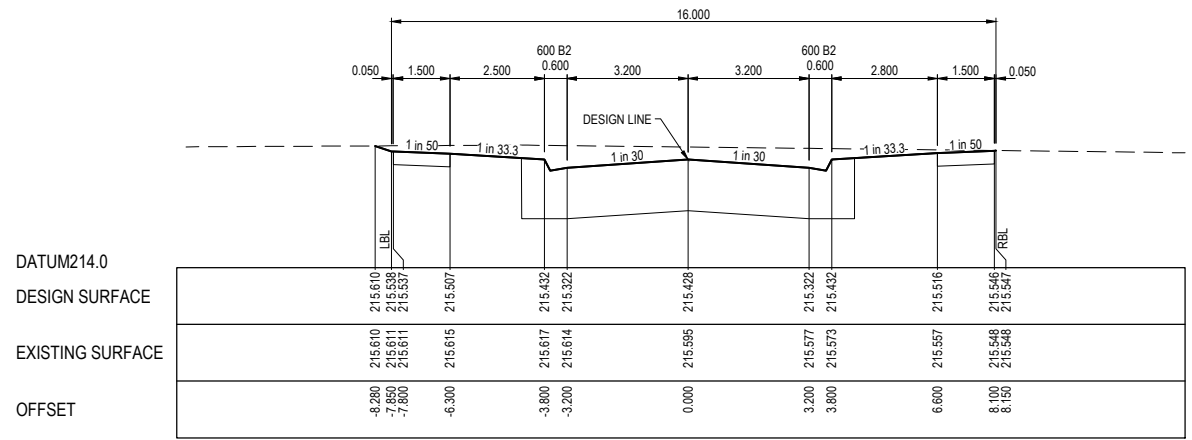
Project Details: DAVIS VINEYARD - STAGE 6  
AUST. INVESTMENT & DEV. P/L  
CITY OF MELTON  
Drawing Title: ROAD CROSS SECTIONS  
MADISONS AVENUE

Sheet 09 of 17	
Scale: 1:100 H 1:50 V @ A1	
Project Ref: 1600059	Stage No: 06
Drawing No: 200	Rev: A

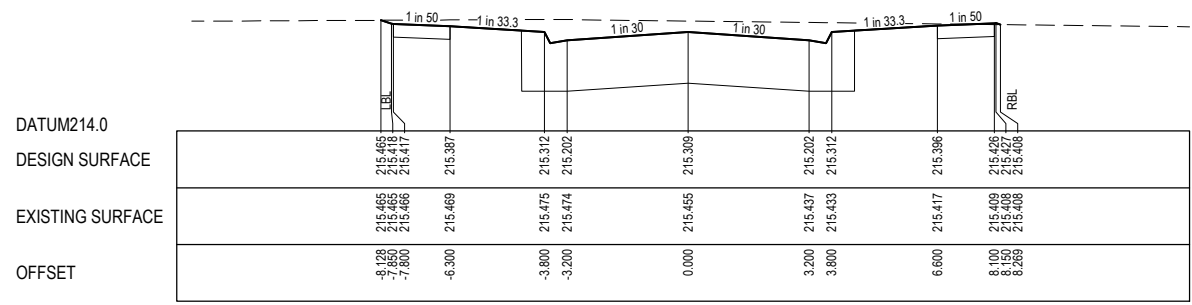
\\Melst01\jobs\Jobs Data\1600059 Diggers Rest\1\_Eng\Precond 2\Stage 6\Drawings\1600059-06-200-RXS.dwg

LEGEND	
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	DESIGN SURFACE
	TYPE A SELECTED MATERIAL FILL. (REFER TO CONSTRUCTION NOTES E1)

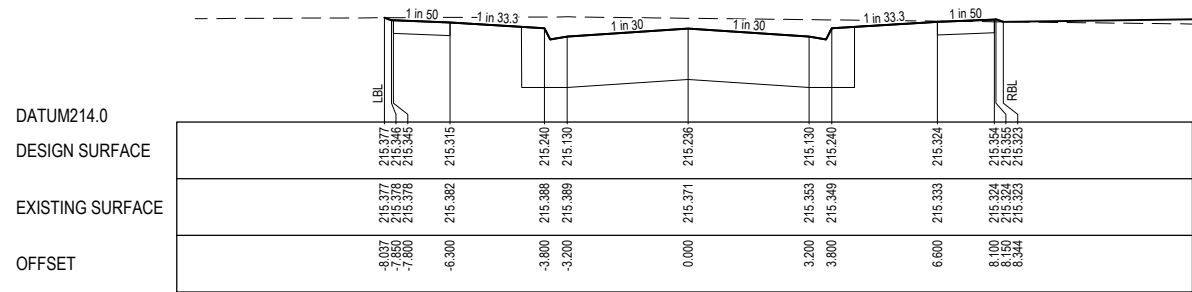
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION



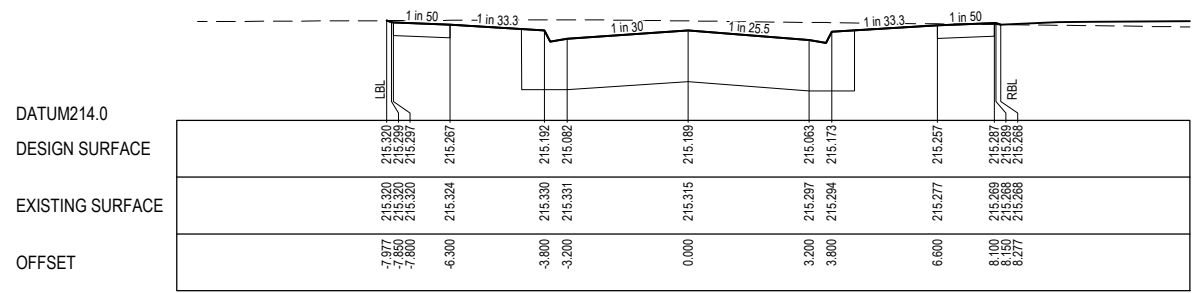
CH 34.980



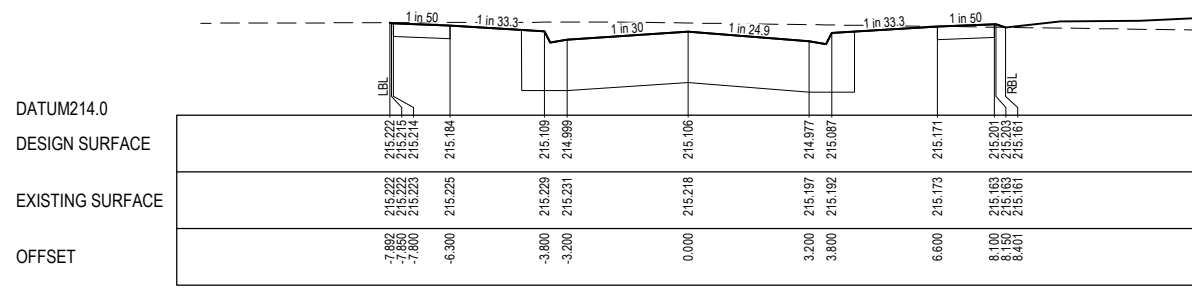
CH 26.476



CH 21.356



CH 17.974

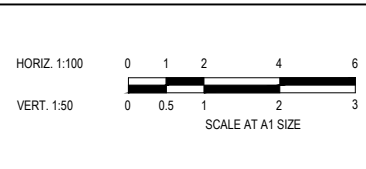


RTPCH 12.075

ISSUED FOR CONSTRUCTION

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B	ROAD NAME UPDATED	28.03.22	DZ	SM	
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW	
P2	ISSUED FOR REVIEW	12.10.21	NT	RW	
P1	ISSUED FOR TENDER	01.09.21	NT	RW	
REV	DESCRIPTION	DATE	DRN.	APP.	REV

DESCRIPTION	DATE	DRN.	APP.	DESCRIPTION	DATE	DRN.	APP.



Designed Date: S. GILBERT 23.08.2021  
Drawn: N. TABUENA  
Approved Date: R. WICKETT 7.10.2021  
PS Number: PS 822978N/S2

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Project Details: DAVIS VINEYARD - STAGE 6  
AUST. INVESTMENT & DEV. P/L  
CITY OF MELTON

Drawing Title: ROAD CROSS SECTIONS  
VIOLETTA BOULEVARD

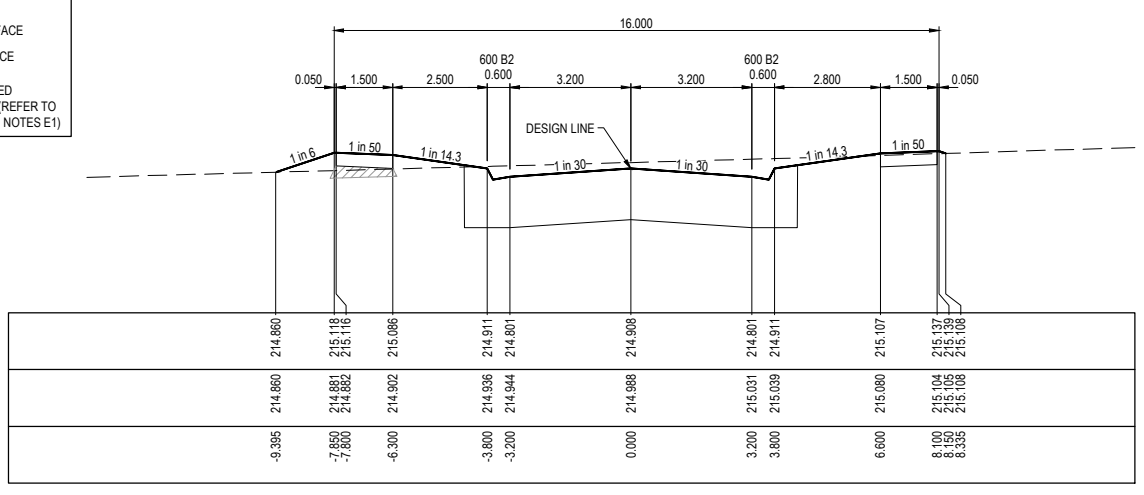
Sheet 10 of 17	
Scale: 1:100 H 1:50 V @ A1	
Project Ref: 1600059	Stage No: 06
Drawing No: 201	Rev: B

**LEGEND**

	EXISTING SURFACE
	DESIGN SURFACE
	TYPE A SELECTED MATERIAL FILL. (REFER TO CONSTRUCTION NOTES E1)

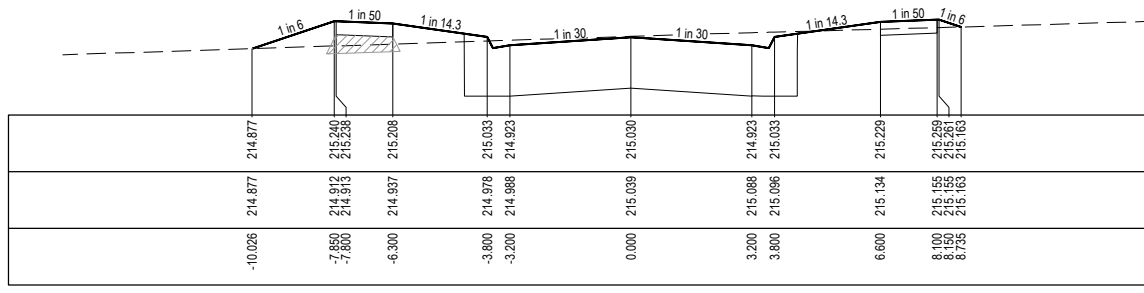
STRUCTURAL FILL REQUIRED UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE NATURAL SURFACE. REFER GEOTECH REPORT FOR SPECIFICATION

DATUM213.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET



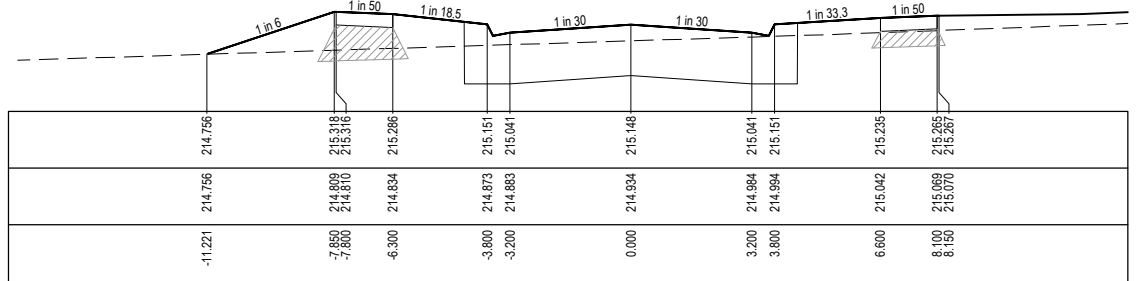
CH 117.623	214.860	215.118	215.116	214.911	214.801	214.908	214.801	214.911	215.107	215.137	215.139	215.108			
EXISTING SURFACE	214.860	214.881	214.882	214.906	214.944	214.968	215.031	214.801	215.039	214.911	215.104	215.105	215.108		
OFFSET	-3.395	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	215.031	214.801	6.600	215.080	8.100	8.150	8.335

DATUM214.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET



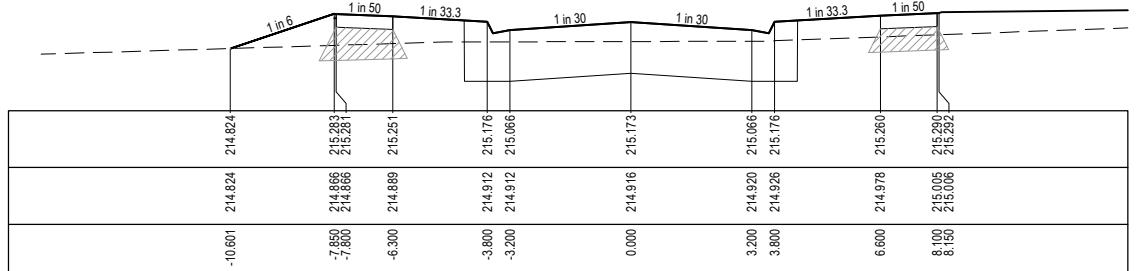
RTPCH 93.212	214.877	215.200	215.238	215.208	215.033	214.923	215.030	214.923	215.229	215.259	215.261	215.163				
EXISTING SURFACE	214.877	214.912	214.913	214.937	214.978	214.988	215.039	214.988	215.134	215.155	215.155	215.163				
OFFSET	-10.026	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	215.088	214.923	3.800	215.096	215.033	8.100	8.150	8.735

DATUM214.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET



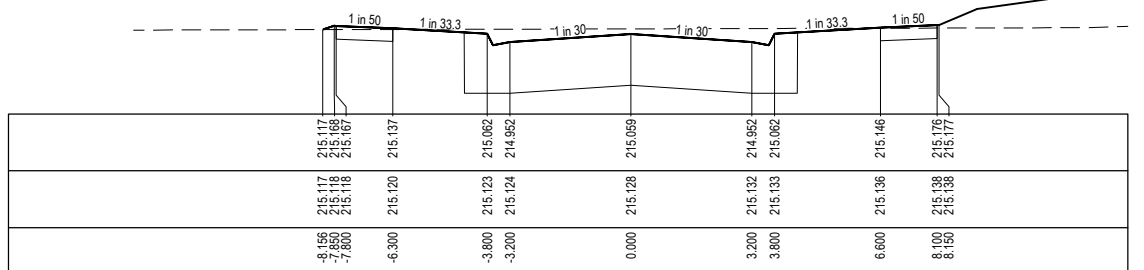
RTPCH 69.606	214.756	215.318	215.316	215.286	215.151	215.041	215.148	215.041	215.235	215.265	215.267	215.163				
EXISTING SURFACE	214.756	214.809	214.810	214.854	214.873	214.883	214.934	214.984	214.984	215.041	215.151	215.163				
OFFSET	-11.221	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	214.984	214.984	215.151	215.041	215.041	8.100	8.150	8.735

DATUM214.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET



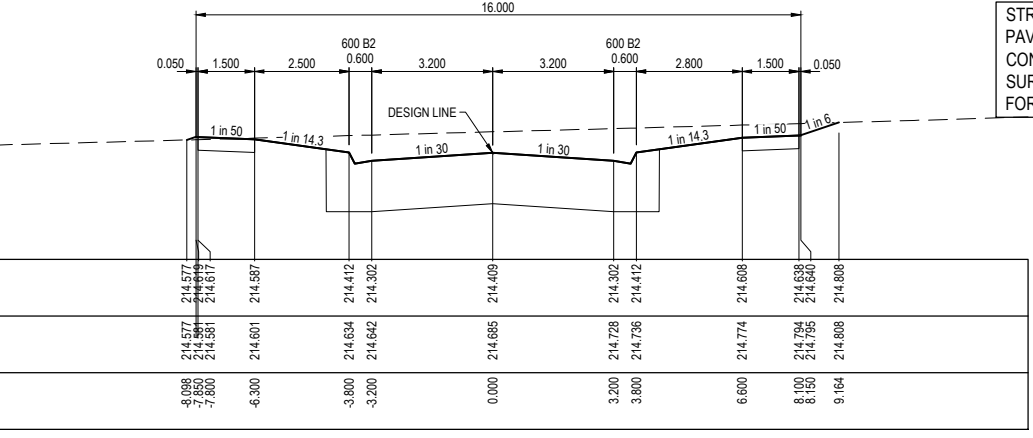
CH 44.623	214.824	215.283	215.281	215.251	215.176	215.066	215.173	215.066	215.260	215.290	215.292	215.163				
EXISTING SURFACE	214.824	214.866	214.866	214.889	214.912	214.912	214.916	214.926	214.978	215.005	215.006	215.163				
OFFSET	-10.601	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	214.920	215.066	3.800	214.926	215.176	8.100	8.150	8.735

DATUM214.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET



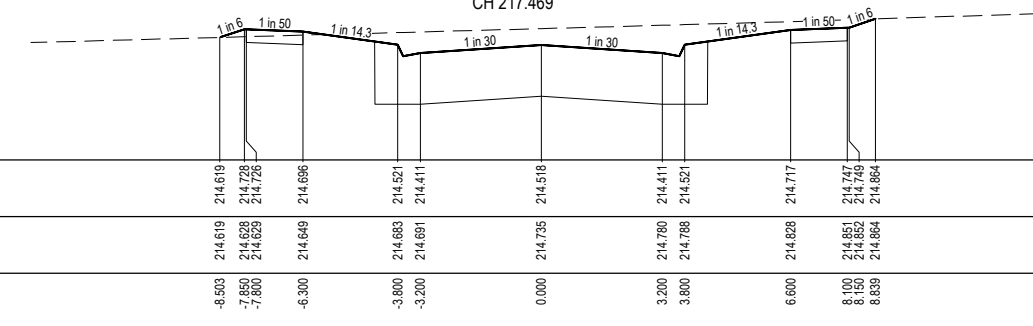
CH 21.785	215.117	215.118	215.117	215.137	215.062	214.952	215.059	214.952	215.146	215.176	215.177	215.163				
EXISTING SURFACE	215.117	215.118	215.118	215.120	215.123	215.124	215.128	215.133	215.133	214.952	214.952	215.138	215.138			
OFFSET	8.165	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	215.132	214.952	3.800	215.133	215.062	8.100	8.150	8.735

DATUM214.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET



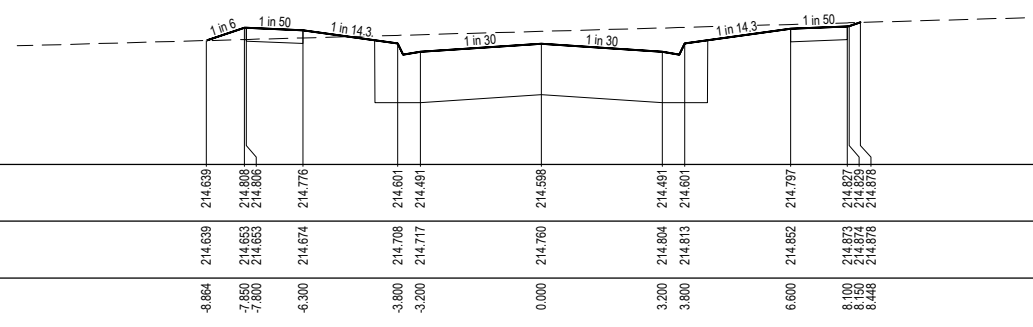
CH 217.469	214.577	214.617	214.587	214.412	214.302	214.409	214.409	214.412	214.608	214.638	214.640	214.808				
EXISTING SURFACE	214.577	214.581	214.601	214.634	214.642	214.685	214.685	214.728	214.736	214.736	214.794	214.808				
OFFSET	8.088	8.150	8.150	-3.800	-3.200	0.000	3.200	214.728	214.736	214.736	8.100	214.794	214.808	8.150	8.150	8.735

DATUM213.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET



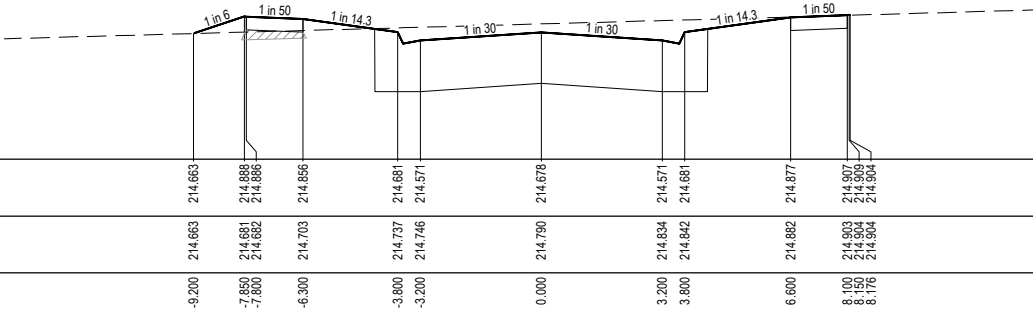
CH 195.623	214.619	214.729	214.728	214.696	214.521	214.411	214.518	214.411	214.717	214.747	214.749	214.864				
EXISTING SURFACE	214.619	214.628	214.629	214.649	214.683	214.691	214.735	214.780	214.788	214.828	214.852	214.864				
OFFSET	-8.503	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	214.780	214.788	214.828	214.852	214.749	8.100	8.150	8.839

DATUM213.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET



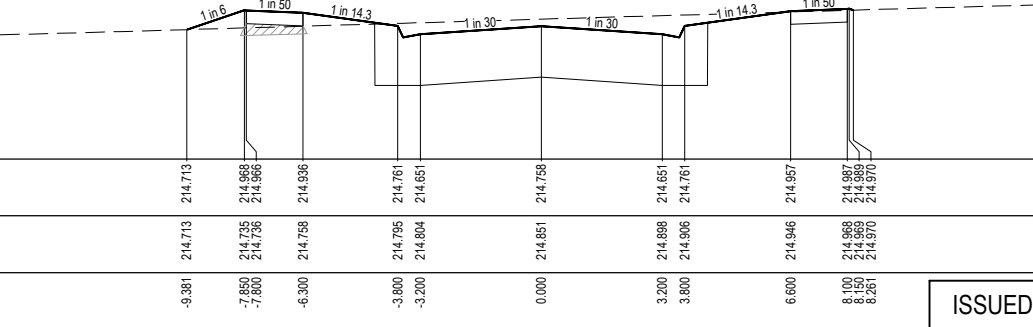
CH 179.623	214.639	214.809	214.808	214.776	214.601	214.481	214.598	214.481	214.797	214.827	214.829	214.978				
EXISTING SURFACE	214.639	214.653	214.653	214.674	214.708	214.717	214.760	214.804	214.813	214.852	214.874	214.878				
OFFSET	-8.864	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	214.804	214.813	214.852	214.878	214.829	8.100	8.150	8.448

DATUM213.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET



CH 163.623	214.663	214.888	214.886	214.856	214.681	214.571	214.678	214.571	214.877	214.907	214.909	214.904				
EXISTING SURFACE	214.663	214.681	214.682	214.703	214.737	214.746	214.790	214.834	214.881	214.903	214.904	214.904				
OFFSET	-9.200	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	214.834	214.881	214.903	214.904	214.904	8.100	8.150	8.176

DATUM213.0  
DESIGN SURFACE  
EXISTING SURFACE  
OFFSET

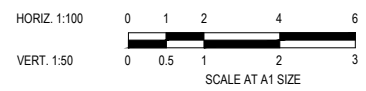


CH 147.623	214.713	214.988	214.986	214.936	214.761	214.651	214.758	214.651	214.957	214.987	214.989	214.970				
EXISTING SURFACE	214.713	214.735	214.736	214.759	214.795	214.804	214.851	214.898	214.906	214.946	214.968	214.970				
OFFSET	-9.381	-7.850	-7.800	-6.300	-3.800	-3.200	0.000	3.200	214.898	214.906	214.946	214.970	214.970	8.100	8.150	8.261

ISSUED FOR CONSTRUCTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					



Designed Date  
S. GILBERT  
23.08.2021

Drawn  
N. TABUENA

Approved Date  
R. WICKETT  
7.10.2021

PS Number  
PS 822978/N/2



Project Details  
DAVIS VINEYARD - STAGE 6  
AUST. INVESTMENT & DEV. P/L  
CITY OF MELTON

Drawing Title  
ROAD CROSS SECTIONS  
RYNA'S WAY

Sheet 11 of 17

Scale  
1:100 H 1:50 V @ A1

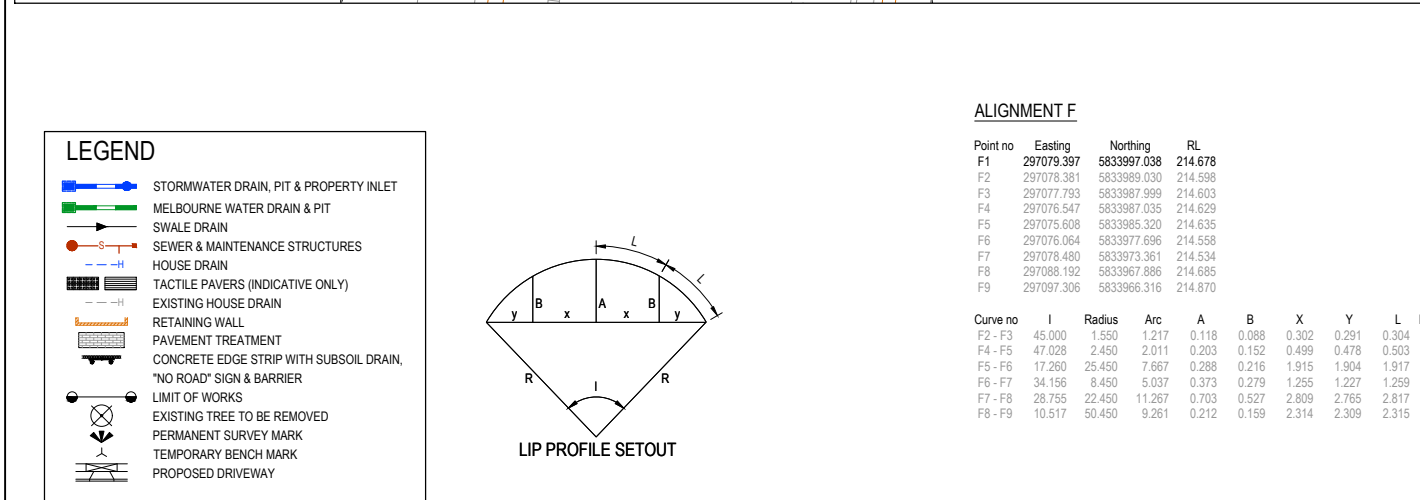
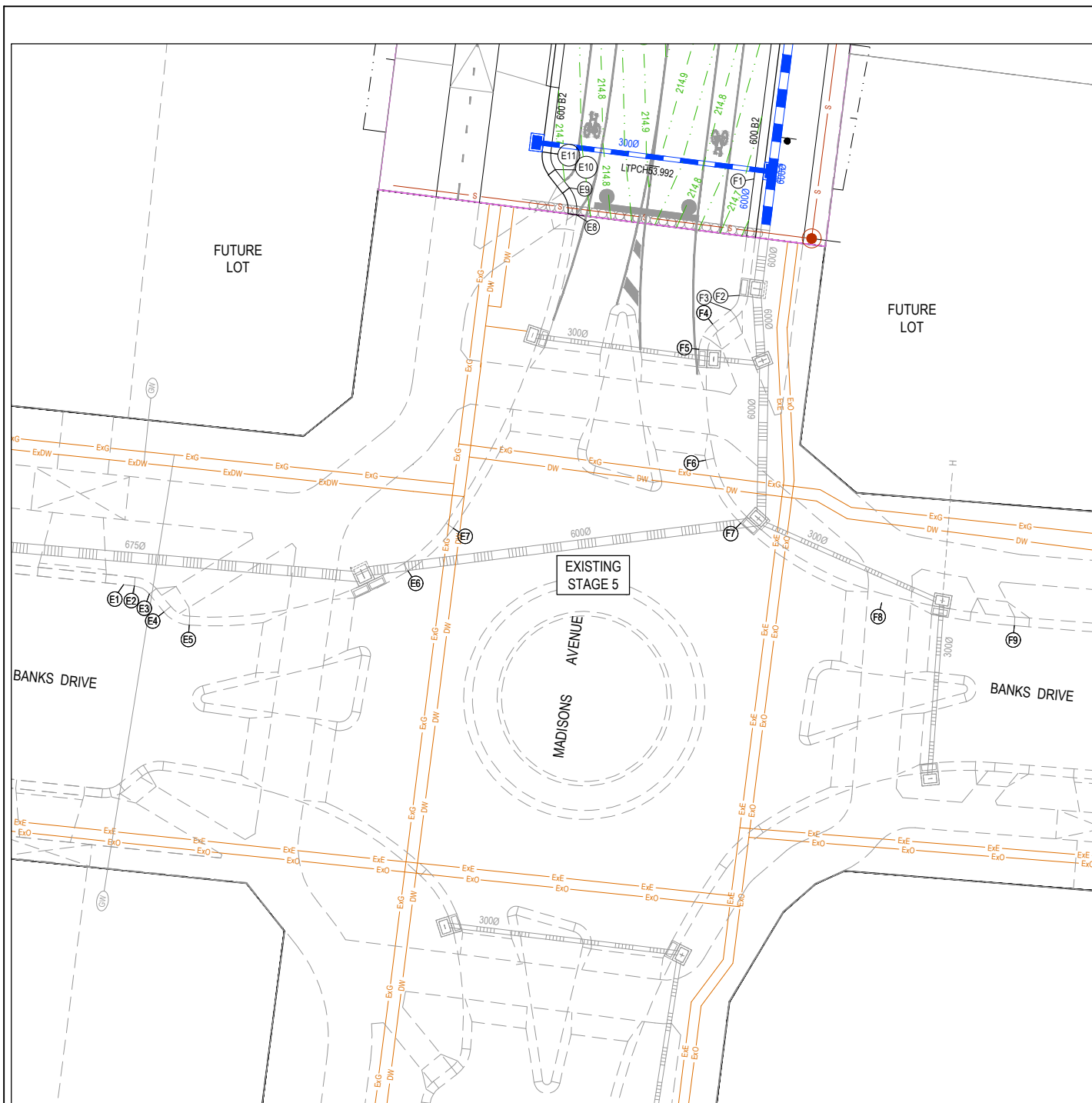
Project Ref  
1600059

Stage No  
06

Drawing No  
202

Rev  
A

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**LEGEND**

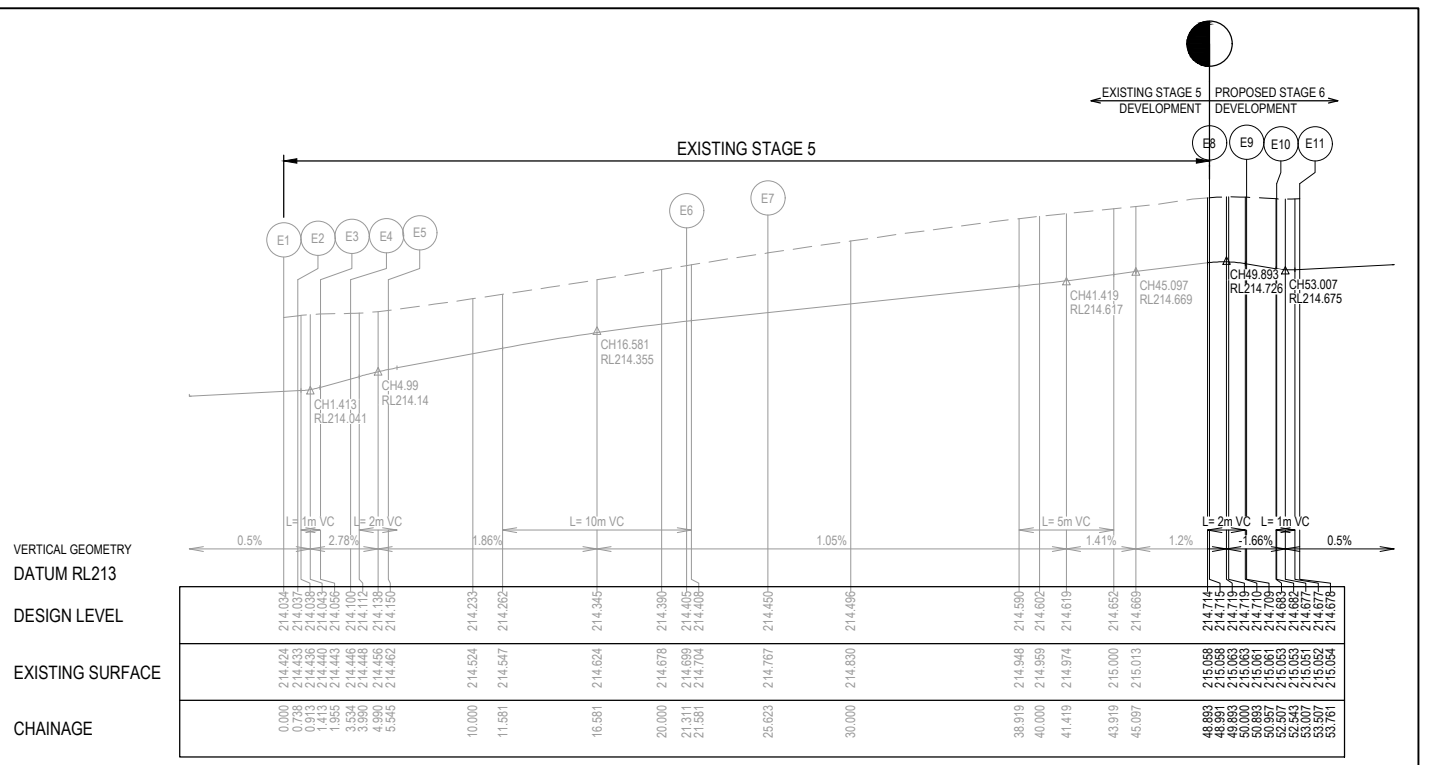
- STORMWATER DRAIN, PIT & PROPERTY INLET
- MELBOURNE WATER DRAIN & PIT
- SWALE DRAIN
- SEWER & MAINTENANCE STRUCTURES
- HOUSE DRAIN
- TACTILE PAVERS (INDICATIVE ONLY)
- EXISTING HOUSE DRAIN
- RETAINING WALL
- PAVEMENT TREATMENT
- CONCRETE EDGE STRIP WITH SUBSOIL DRAIN
- "NO ROAD" SIGN & BARRIER
- LIMIT OF WORKS
- EXISTING TREE TO BE REMOVED
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- PROPOSED DRIVEWAY

**ALIGNMENT F**

Point no	Easting	Northing	RL
F1	297078.397	5833997.038	214.678
F2	297078.381	5833989.030	214.598
F3	297077.793	5833987.999	214.603
F4	297076.547	5833987.035	214.629
F5	297075.608	5833985.320	214.635
F6	297076.064	5833977.696	214.558
F7	297078.480	5833973.361	214.534
F8	297088.192	5833967.886	214.685
F9	297097.306	5833966.316	214.870

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
F2 - F3	45.000	1.550	1.217	0.118	0.088	0.302	0.291	0.304	214.596
F4 - F5	47.028	2.450	2.011	0.203	0.152	0.499	0.478	0.503	214.639
F5 - F6	17.260	25.450	7.667	0.288	0.216	1.915	1.904	1.917	214.582
F6 - F7	34.156	8.450	5.037	0.373	0.279	1.255	1.227	1.259	214.545
F7 - F8	28.755	22.450	11.267	0.703	0.527	2.809	2.765	2.817	214.575
F8 - F9	10.517	50.450	9.261	0.212	0.159	2.314	2.309	2.315	214.777

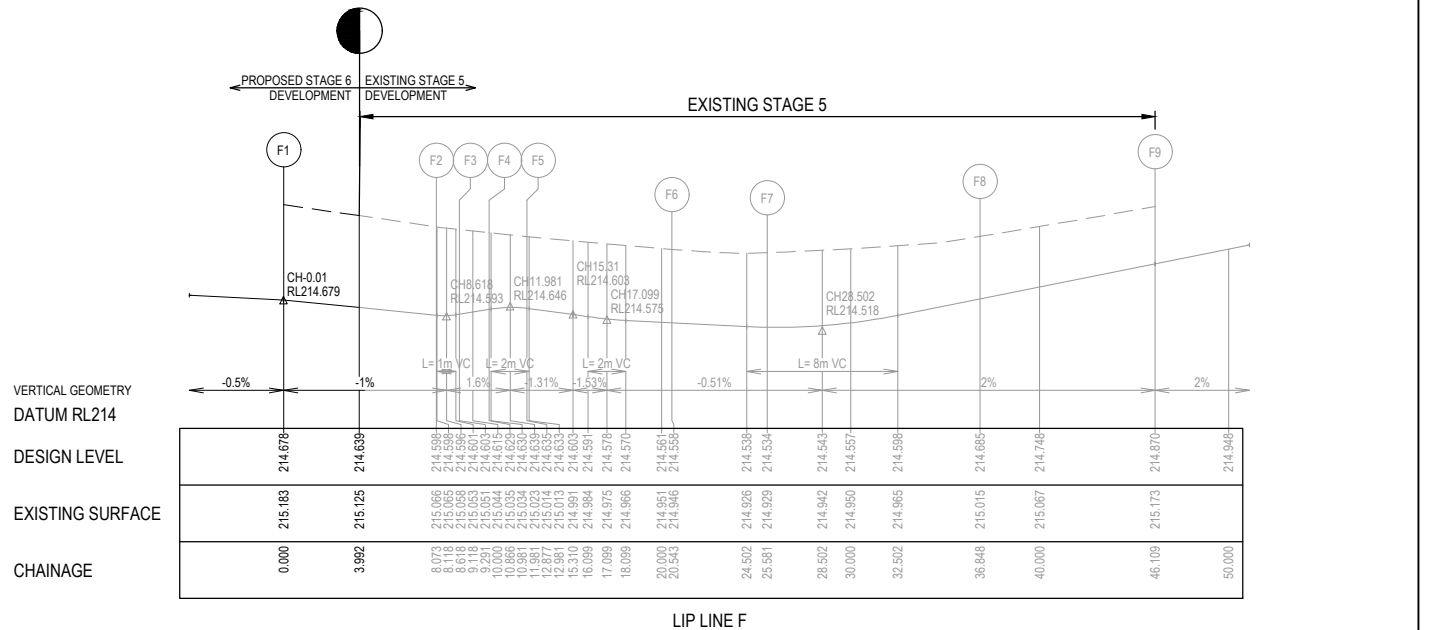


**ALIGNMENT E**

Point no	Easting	Northing	RL
E1	297036.918	5833969.121	214.034
E2	297036.752	5833969.045	214.037
E3	297037.796	5833968.480	214.056
E4	297038.791	5833967.255	214.100
E5	297040.527	5833966.355	214.150
E6	297055.590	5833970.071	214.405
E7	297058.699	5833973.014	214.450
E8	297067.181	5833994.565	214.715
E9	297066.693	5833996.416	214.709
E10	297065.722	5833997.669	214.682
E11	297065.410	5833998.814	214.678

**LIP LINE E**

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
E2 - E3	45.000	1.550	1.217	0.118	0.088	0.302	0.291	0.304	214.042
E4 - E5	47.028	2.450	2.011	0.203	0.152	0.499	0.478	0.503	214.127
E5 - E6	35.494	25.450	15.766	1.211	0.907	3.526	3.832	3.941	214.295
E6 - E7	23.641	10.450	4.312	0.222	0.166	1.076	1.065	1.078	214.428
E7 - E8	26.539	50.450	23.368	1.347	1.009	5.829	5.751	5.842	214.573
E8 - E9	45.981	2.450	1.966	0.195	0.145	0.488	0.469	0.492	214.719
E10 - E11	45.000	1.550	1.217	0.118	0.088	0.302	0.291	0.304	214.677



**ALIGNMENT F**

Point no	Easting	Northing	RL
F1	297078.397	5833997.038	214.678
F2	297078.381	5833989.030	214.598
F3	297077.793	5833987.999	214.603
F4	297076.547	5833987.035	214.629
F5	297075.608	5833985.320	214.635
F6	297076.064	5833977.696	214.558
F7	297078.480	5833973.361	214.534
F8	297088.192	5833967.886	214.685
F9	297097.306	5833966.316	214.870

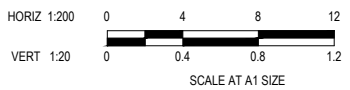
**LIP LINE F**

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
F2 - F3	45.000	1.550	1.217	0.118	0.088	0.302	0.291	0.304	214.596
F4 - F5	47.028	2.450	2.011	0.203	0.152	0.499	0.478	0.503	214.639
F5 - F6	17.260	25.450	7.667	0.288	0.216	1.915	1.904	1.917	214.582
F6 - F7	34.156	8.450	5.037	0.373	0.279	1.255	1.227	1.259	214.545
F7 - F8	28.755	22.450	11.267	0.703	0.527	2.809	2.765	2.817	214.575
F8 - F9	10.517	50.450	9.261	0.212	0.159	2.314	2.309	2.315	214.777

**ISSUED FOR CONSTRUCTION**

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.

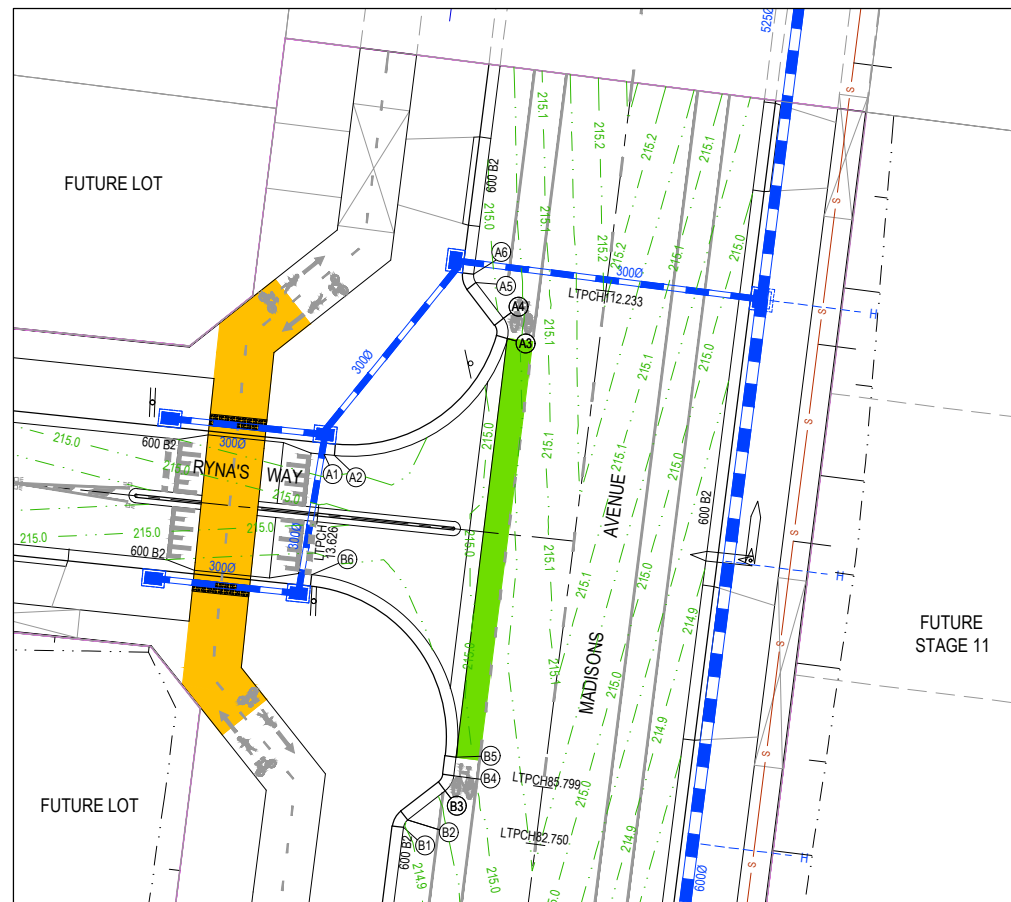
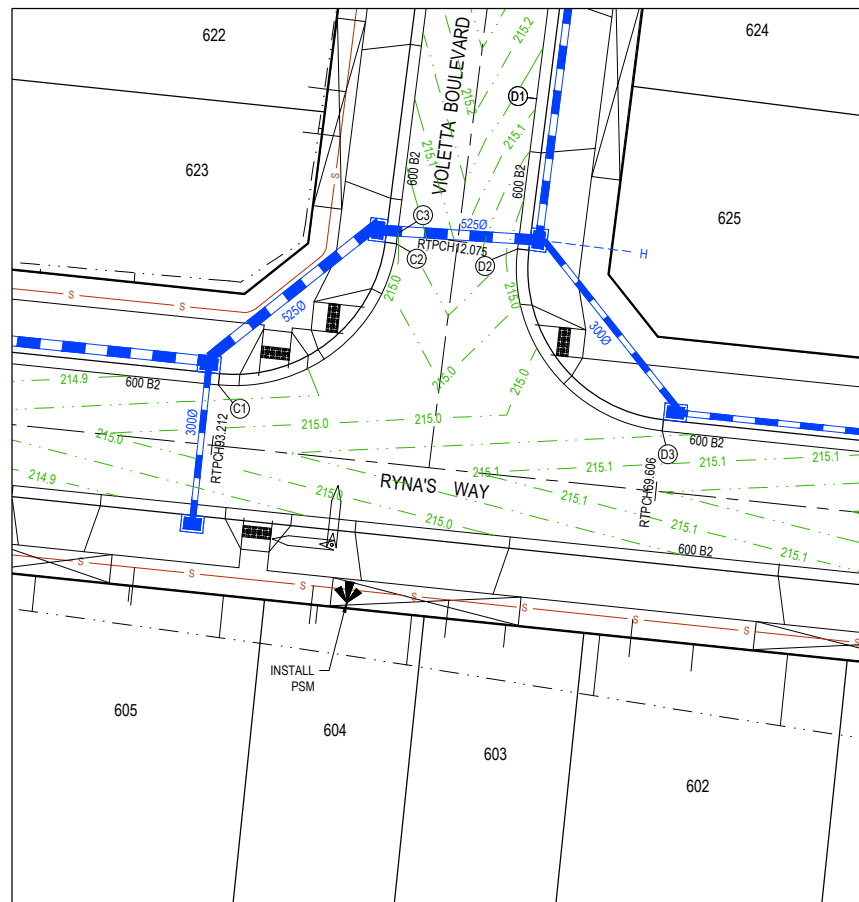


Designed Date: S. GILBERT 23.08.2021  
 Drawn: N. TABUENA  
 Approved Date: R. WICKETT 7.10.2021  
 PS Number: PS 822978/N/2

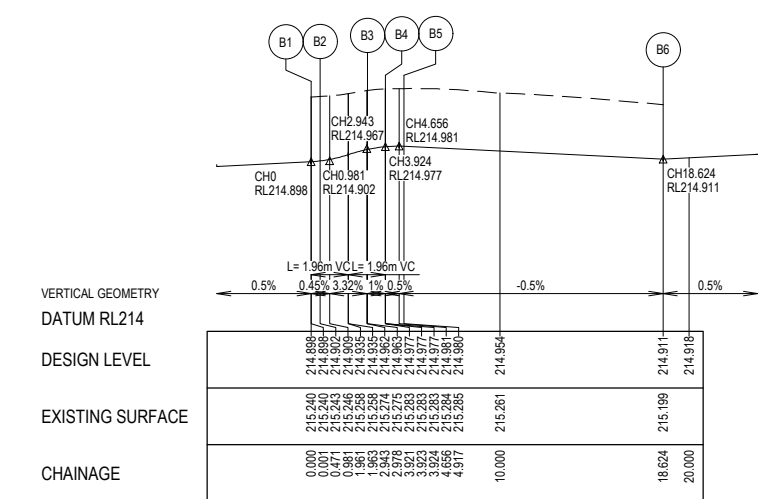
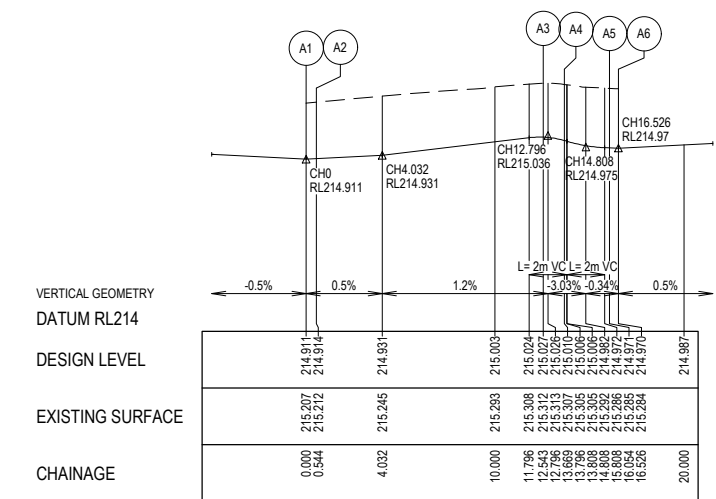
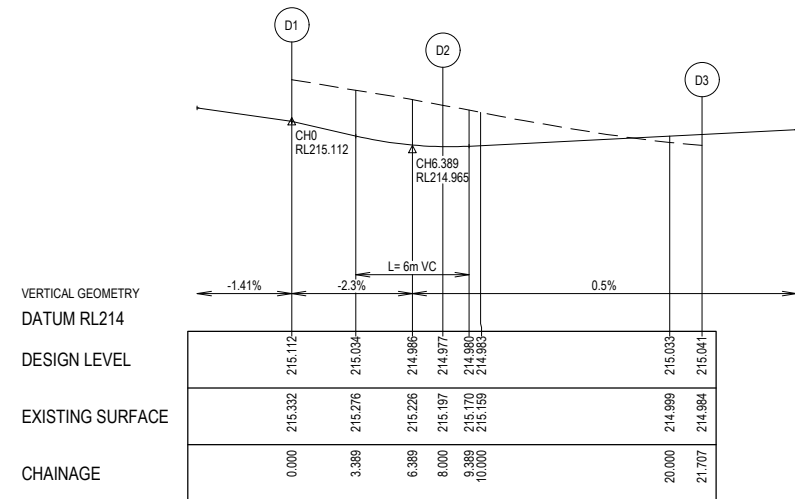
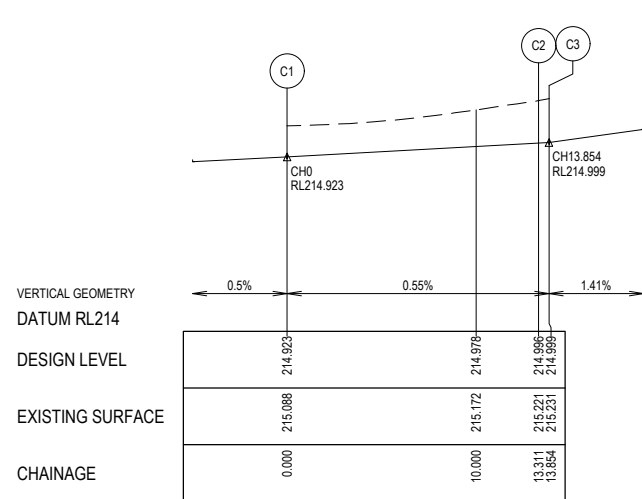
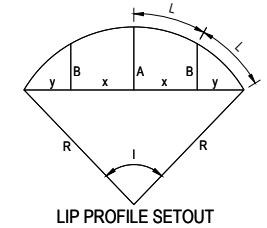


Project Details: DAVIS VINEYARD - STAGE 6 AUST. INVESTMENT & DEV. P/L CITY OF MELTON  
 Drawing Title: INTERSECTION DETAILS (SHEET 1 OF 2)

Sheet 12 of 17  
 Scale: 1:200 H 1:20 V @ A1  
 Project Ref: 1600059 Stage No: 06 Drawing No: 300 Rev: A



LEGEND	
	STORMWATER DRAIN, PIT & PROPERTY INLET
	MELBOURNE WATER DRAIN & PIT
	SWALE DRAIN
	SEWER & MAINTENANCE STRUCTURES
	HOUSE DRAIN
	TACTILE PAVERS (INDICATIVE ONLY)
	EXISTING HOUSE DRAIN
	RETAINING WALL
	PAVEMENT TREATMENT
	CONCRETE EDGE STRIP WITH SUBSOIL DRAIN
	'NO ROAD' SIGN & BARRIER
	LIMIT OF WORKS
	EXISTING TREE TO BE REMOVED
	PERMANENT SURVEY MARK
	TEMPORARY BENCH MARK
	PROPOSED DRIVEWAY



**ALIGNMENT C**

Point no	Easting	Northing	RL
C1	296985.672	5834055.268	214.923
C2	296995.090	5834062.740	214.996
C3	296995.158	5834063.278	214.999

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
C1 - C2	88.682	8.600	13.311	2.449	1.814	3.245	2.765	3.328	214.960

**ALIGNMENT D**

Point no	Easting	Northing	RL
D1	297002.515	5834070.409	215.112
D2	297001.507	5834062.473	214.977
D3	297009.153	5834052.836	215.041

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
D2 - D3	91.318	8.600	13.707	2.589	1.916	3.337	2.814	3.427	215.007

**ALIGNMENT A**

Point no	Easting	Northing	RL
A1	297064.835	5834047.066	214.911
A2	297065.376	5834047.010	214.914
A3	297074.530	5834053.198	215.027
A4	297074.325	5834054.263	215.010
A5	297072.864	5834056.149	214.971
A6	297072.743	5834056.592	214.970

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
A2 - A3	79.941	8.600	11.999	2.009	1.491	2.939	2.585	3.000	214.961
A3 - A4	53.741	1.200	1.126	0.130	0.097	0.279	0.264	0.291	215.022
A5 - A6	45.000	0.600	0.471	0.046	0.034	0.117	0.113	0.118	214.970

**ALIGNMENT B**

Point no	Easting	Northing	RL
B1	297069.031	5834027.343	214.898
B2	297069.258	5834027.742	214.902
B3	297071.240	5834029.277	214.963
B4	297071.696	5834030.075	214.977
B5	297071.821	5834031.063	214.980
B6	297064.176	5834040.700	214.911

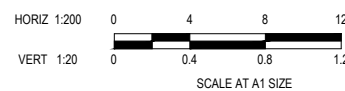
  

Curve no	I	Radius	Arc	A	B	X	Y	L	Mid point RL
B1 - B2	45.000	0.600	0.471	0.046	0.034	0.117	0.113	0.118	214.899
B3 - B4	45.000	1.200	0.942	0.091	0.068	0.234	0.225	0.236	214.971
B5 - B6	91.318	8.600	13.707	2.589	1.916	3.337	2.814	3.427	214.945

ISSUED FOR CONSTRUCTION

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REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
C	ROAD NAME UPDATED	28.03.22	DZ	SM					
B	PRIORITY CROSSING WIDTH UPDATED	25.02.22	NT	RW					
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					



Designed Date  
S. GILBERT  
23.08.2021

Drawn  
N. TABUENA

Approved Date  
R. WICKETT  
7.10.2021

PS Number  
PS 822978/N/52

**BW** Beveridge Williams

1 Glenferrie Road  
Malvern VIC 3144  
ph: 03 9524 8888  
www.beveridgewilliams.com.au

Project Details  
**DAVIS VINEYARD - STAGE 6**  
AUST. INVESTMENT & DEVELOPMENT P/L  
CITY OF MELTON

Drawing Title  
INTERSECTION DETAILS  
(SHEET 2 OF 2)

Sheet 13 of 17

Scale  
1:200 H 1:20 V @ A1

Project Ref  
1600059

Stage No  
06

Drawing No  
301

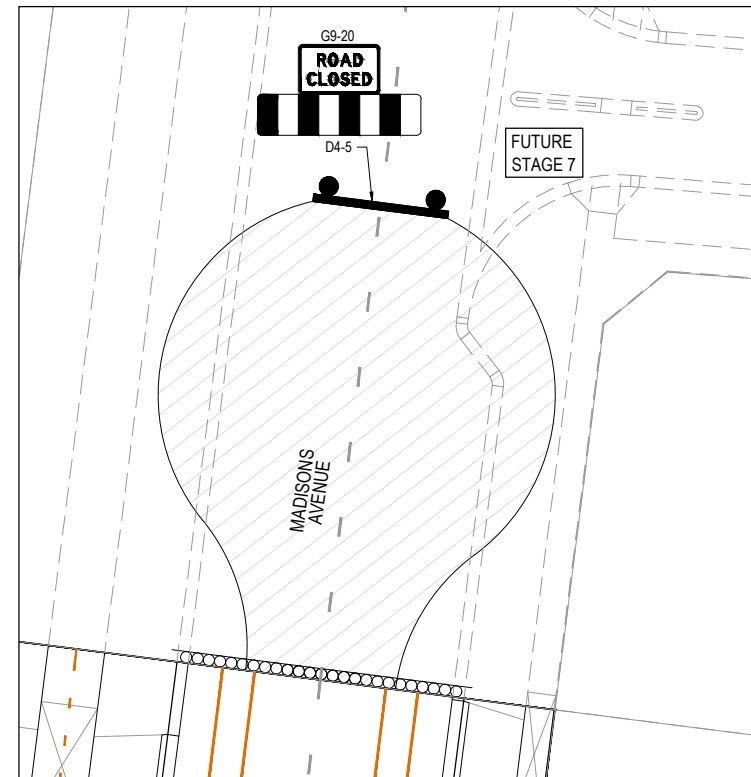
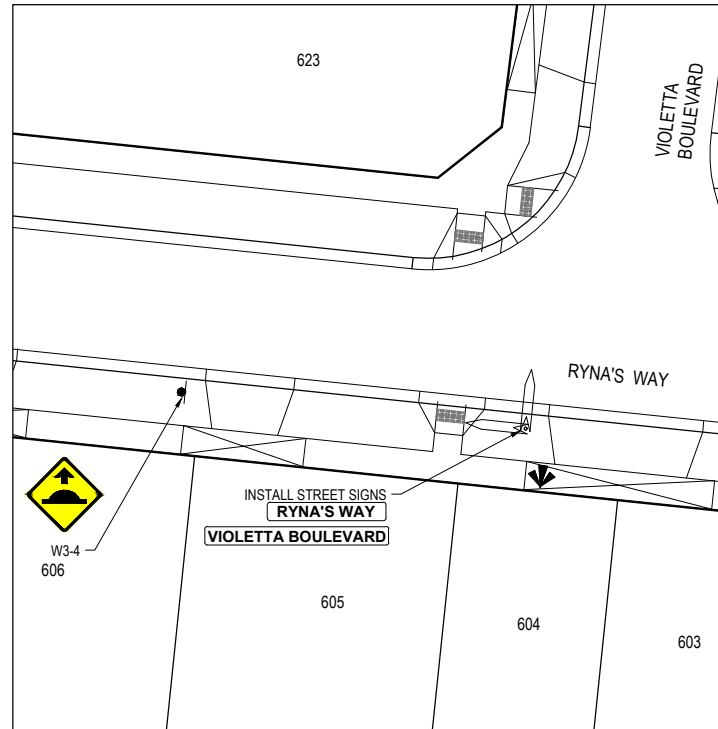
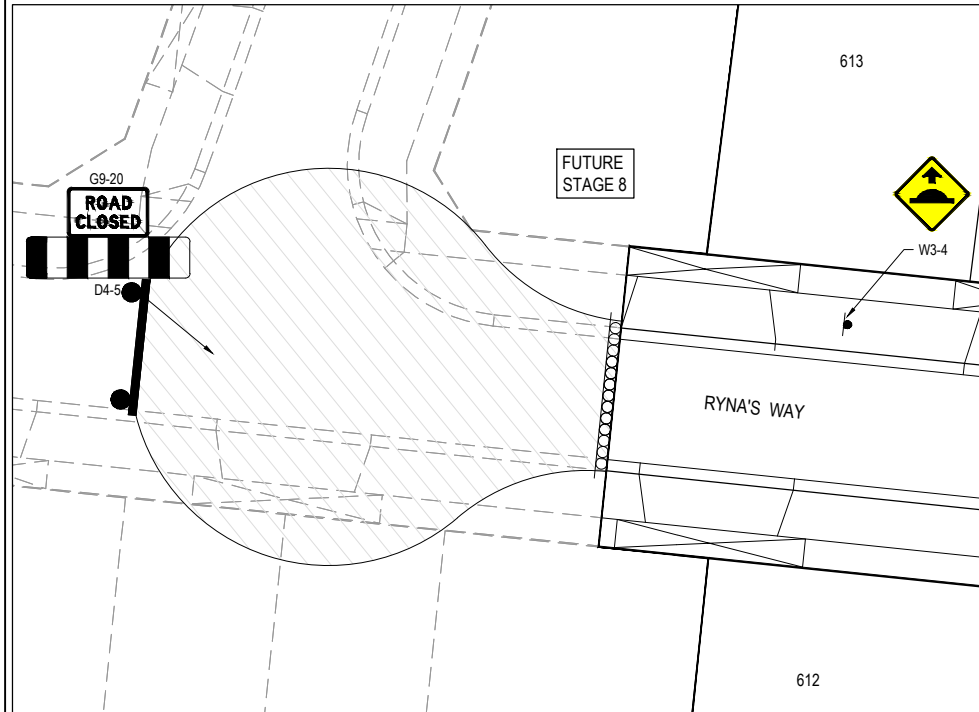
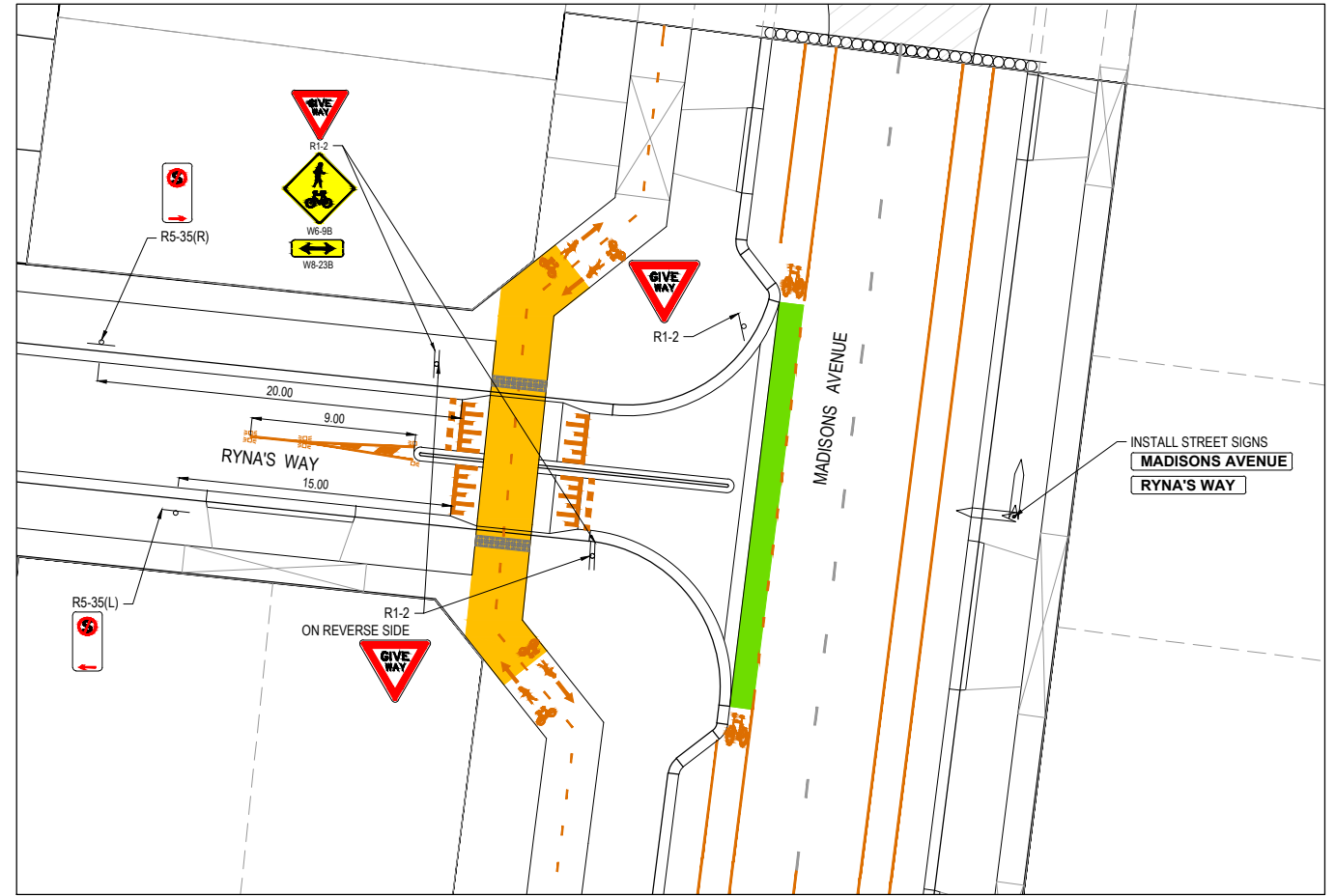
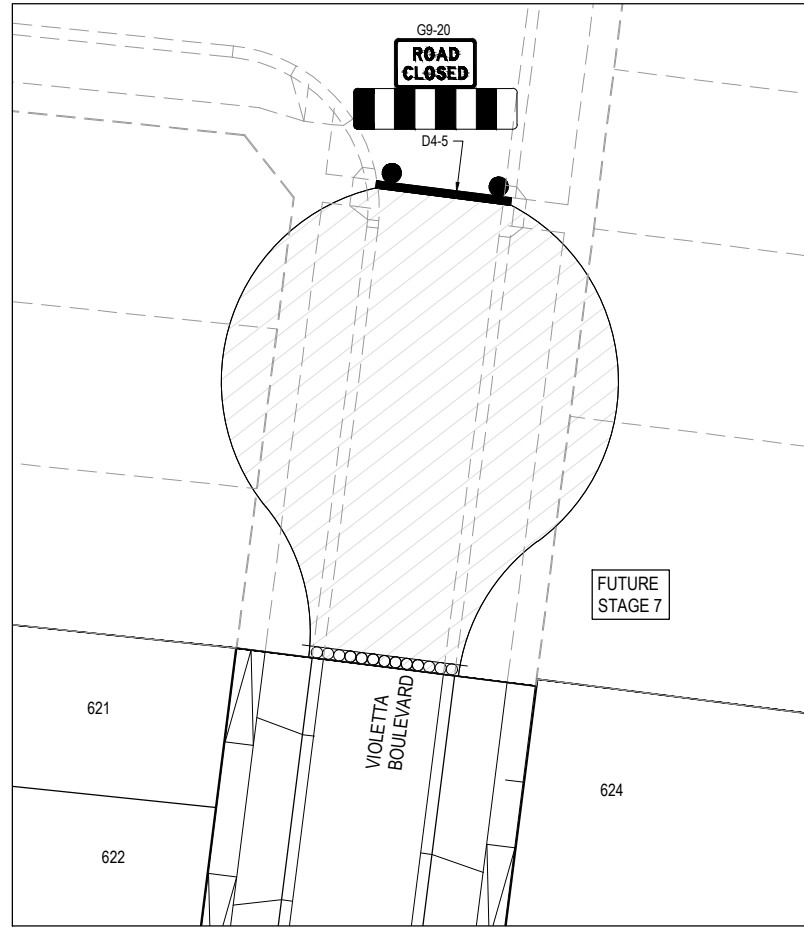
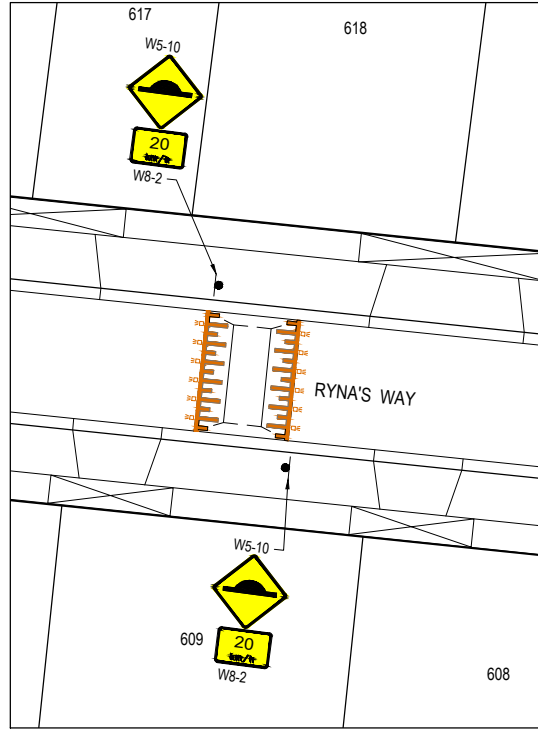
Rev  
C



- NOTES**
- RRPM'S AT MAX 6m SPACING.
  - LINE MARKING TO BE EXTENDED AT LEAST 6m FROM THE TANGENT POINT
  - LINE MARKING IN ACCORDANCE WITH AS1742.
  - TGSI TO BE INSTALLED IN ACCORDANCE WITH VICROADS RDN 06-06 - JULY 2010
  - ALL STREET NAME SIGNS AT INTERSECTIONS TO INCLUDE RELEVANT STREET NUMBERING.
  - ALL LINE MARKING PAINT SHALL BE LONG LIFE TYPE. LATERAL WORKS AND ARROWS BEING COLoured APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.

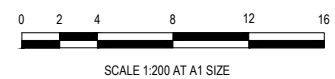
**LEGEND**

- GREEN HIGH FRICTION SURFACE TREATMENT
- YELLOW HIGH FRICTION SURFACE TREATMENT



ISSUED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
C	ROAD NAME UPDATED	28.03.22	DZ	SM					
B	PRIORITY CROSSING WIDTH UPDATED & GIVEWAY SIGNS ADDED	25.02.22	NT	RW					
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					



Designed: S. GILBERT  
Date: 23.08.2021  
Drawn: N. TABUENA  
Approved: R. WICKETT  
Date: 7.10.2021  
PS Number: PS 822978N/S2

**BW** Beveridge Williams  
1 Glenferrie Road  
Malvern VIC 3144  
ph: 03 9524 8888  
www.beveridgewilliams.com.au

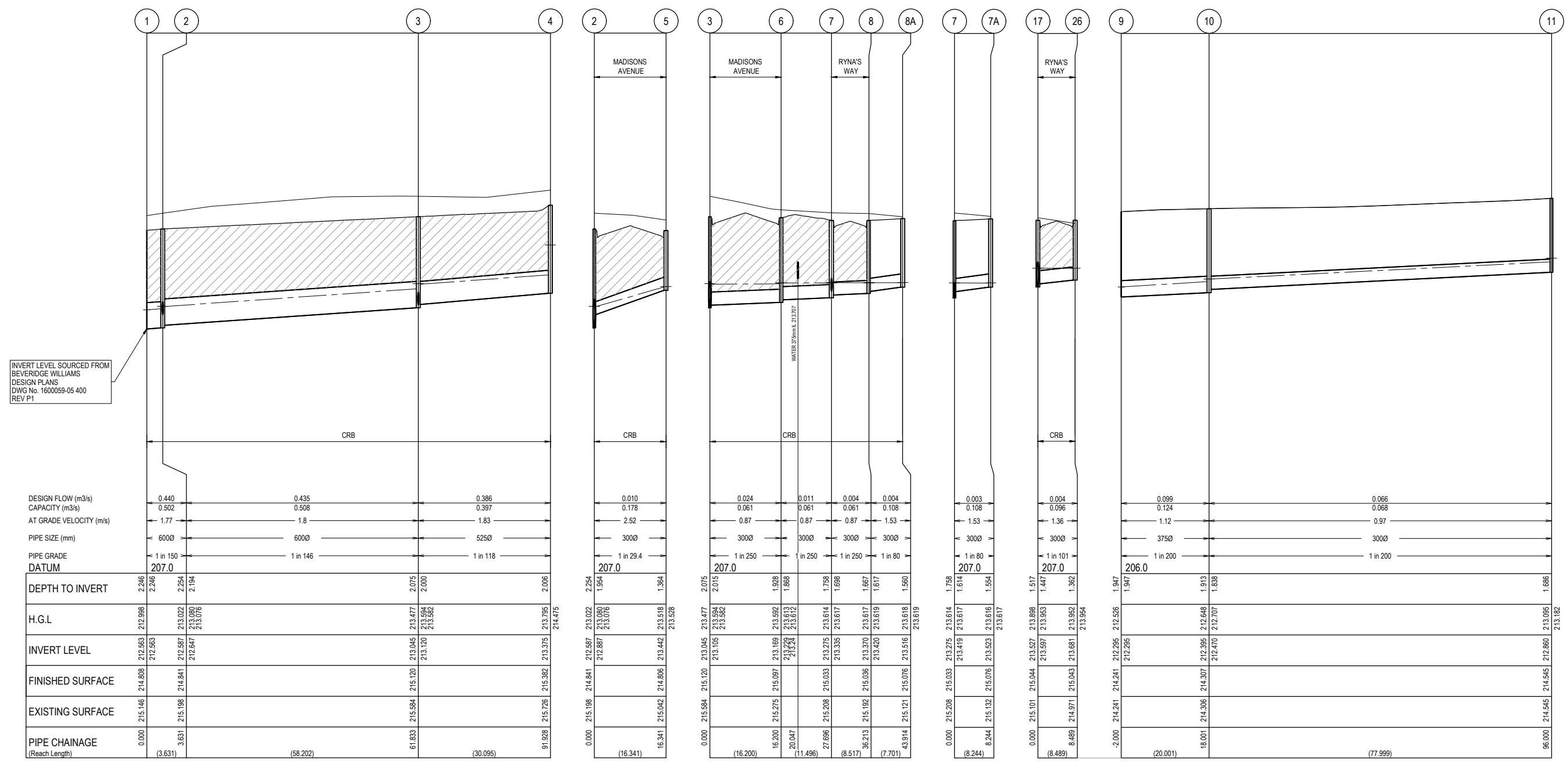
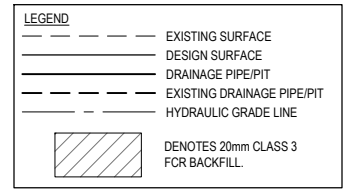
Project Details: DAVIS VINEYARD - STAGE 6  
AUST. INVESTMENT & DEV. P/L  
CITY OF MELTON  
Drawing Title: SIGNAGE & LINE MARKING PLANS

Sheet 14 of 17  
Scale: 1:200 @ A1  
Project Ref: 1600059  
Stage No: 06  
Drawing No: 350  
Rev: C



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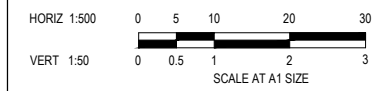
**NOTES:**  
 ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.



INVERT LEVEL SOURCED FROM BEVERIDGE WILLIAMS DESIGN PLANS DWG No. 1600059-05 400 REV P1

**ISSUED FOR CONSTRUCTION**

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					



Designed Date: S. GILBERT 23.08.2021  
 Drawn: N. TABUENA  
 Approved Date: R. WICKETT 7.10.2021  
 PS Number: PS 822978N/S2



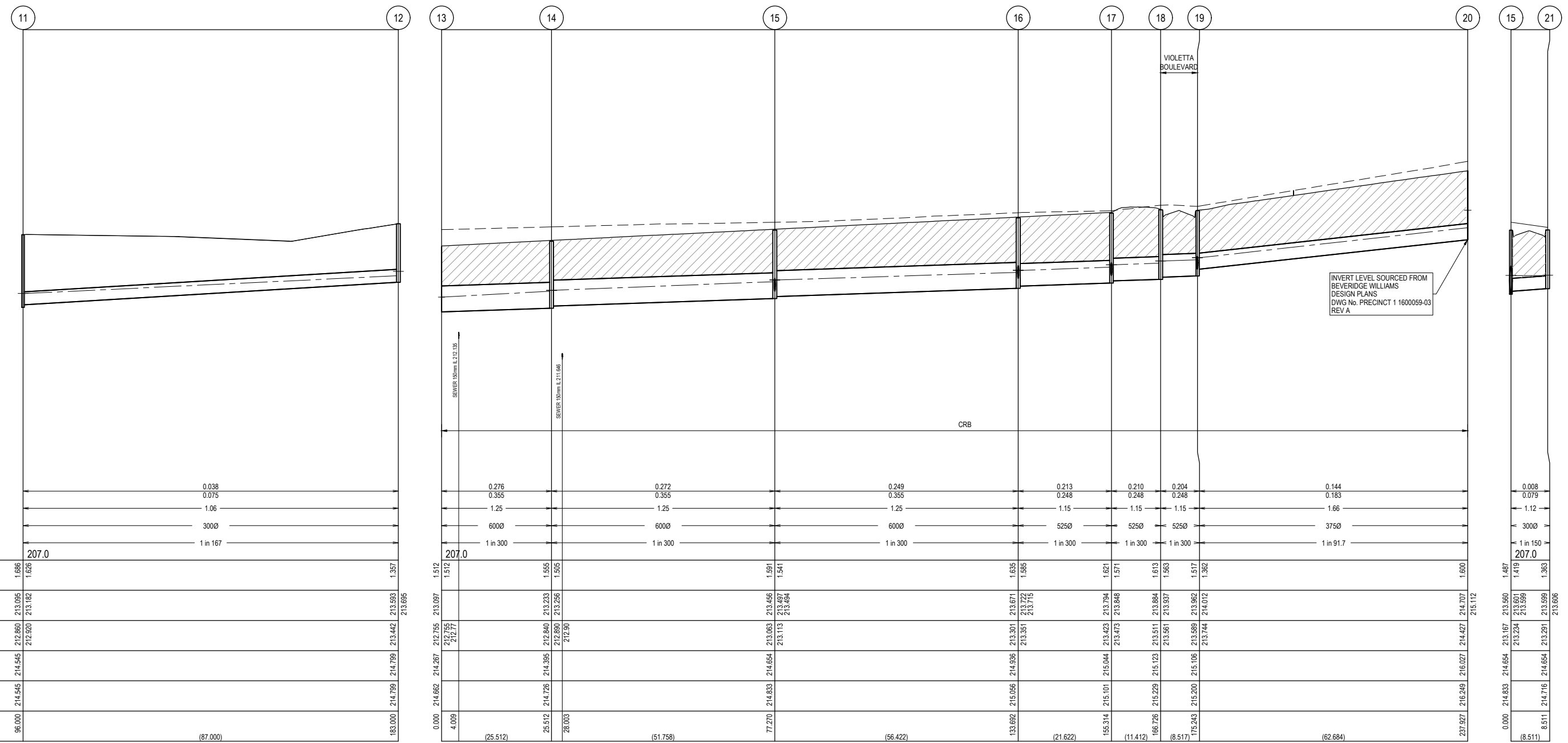
Project Details: DAVIS VINEYARD - STAGE 6 AUST. INVESTMENT & DEV. P/L CITY OF MELTON  
 Drawing Title: DRAINAGE LONGITUDINAL SECTIONS (SHEET 1 OF 3)

Sheet 15 of 17  
 Scale: 1:500 H 1:50 V @ A1  
 Project Ref: 1600059 Stage No: 06 Drawing No: 400 Rev: A

\\Melb01\Jobs\Jobs Data\1600059 Diggers Rest\_Engl\Precond\2\Stage 6\Drawings\1600059-06-400-DLS.dwg

**NOTES:**  
 ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.

LEGEND	
	EXISTING SURFACE
	DESIGN SURFACE
	DRAINAGE PIPE/PIT
	EXISTING DRAINAGE PIPE/PIT
	HYDRAULIC GRADE LINE
	DENOTES 20mm CLASS 3 FCR BACKFILL

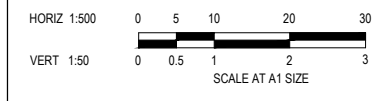


DESIGN FLOW (m <sup>3</sup> /s)	0.038
CAPACITY (m <sup>3</sup> /s)	0.075
AT GRADE VELOCITY (m/s)	1.06
PIPE SIZE (mm)	3000
PIPE GRADE	1 in 167
DATUM	207.0
DEPTH TO INVERT	1.686 1.626
H.G.L.	212.860 212.920 213.182
INVERT LEVEL	212.860 212.860 213.233 213.256 213.256
FINISHED SURFACE	214.545 214.545 214.799 214.799
EXISTING SURFACE	214.545 214.545 214.799 214.799
PIPE CHAINAGE	96.000 183.000
(Reach Length)	(87.000)

DESIGN FLOW (m <sup>3</sup> /s)	0.276	0.272	0.249	0.213	0.210	0.204	0.144	0.008
CAPACITY (m <sup>3</sup> /s)	0.355	0.355	0.355	0.248	0.248	0.248	0.183	0.079
AT GRADE VELOCITY (m/s)	1.25	1.25	1.25	1.15	1.15	1.15	1.66	1.12
PIPE SIZE (mm)	6000	6000	6000	5250	5250	5250	3750	3000
PIPE GRADE	1 in 300	1 in 300	1 in 300	1 in 300	1 in 300	1 in 300	1 in 91.7	1 in 150
DATUM	207.0	207.0	207.0	207.0	207.0	207.0	207.0	207.0
DEPTH TO INVERT	1.512	1.512	1.591	1.635	1.621	1.613	1.600	1.487
H.G.L.	212.755 212.77	212.755 212.77	213.063 213.456 213.497 213.494	213.301 213.671 213.722 213.715	213.423 213.794 213.848	213.511 213.884 213.937	213.698 213.962 214.012	213.601 213.599
INVERT LEVEL	212.755 212.77	212.755 212.77	213.063 213.456 213.497 213.494	213.301 213.671 213.722 213.715	213.423 213.794 213.848	213.511 213.884 213.937	213.698 213.962 214.012	213.601 213.599
FINISHED SURFACE	214.267 214.267	214.267 214.267	214.654 214.654	215.044 215.044	215.044 215.044	215.023 215.023	215.106 215.106	214.654 214.654
EXISTING SURFACE	214.662 214.662	214.662 214.662	214.833 214.833	215.056 215.056	215.101 215.101	215.229 215.229	215.200 215.200	214.833 214.833
PIPE CHAINAGE	0.000 4.009	26.512 28.003	77.270	133.692	155.314	166.726	175.243	237.927
(Reach Length)	(25.512)	(51.758)	(56.422)	(21.622)	(11.412)	(8.517)	(62.684)	(8.511)

**ISSUED FOR CONSTRUCTION**

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
C	DLS PITS 13-20 UPDATED	3.08.22	SG	SM					
B	ROAD NAME UPDATED	28.03.22	DZ	SM					
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					



Designed: S. GILBERT  
 Date: 23.08.2021  
 Drawn: N. TABUENA  
 Approved: R. WICKETT  
 Date: 7.10.2021  
 PS Number: PS 822978N/S2



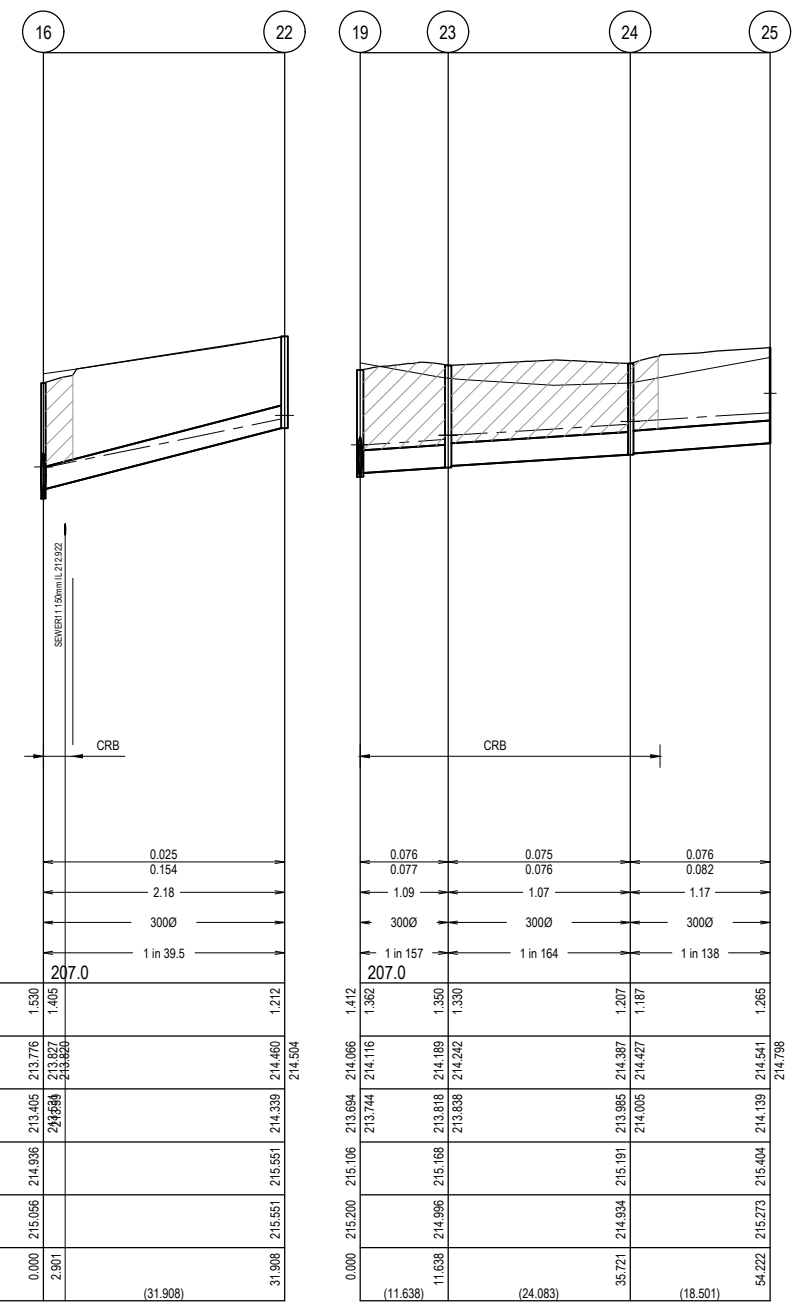
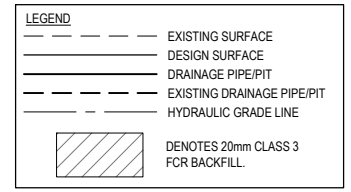
Project Details: DAVIS VINEYARD - STAGE 6 AUST. INVESTMENT & DEV. P/L CITY OF MELTON  
 Drawing Title: DRAINAGE LONGITUDINAL SECTIONS (SHEET 2 OF 3)

Sheet 16 of 17	
Scale: 1:500 H 1:50 V @ A1	
Project Ref: 1600059	Stage No: 06
Drawing No: 401	Rev: C

\\Melb01\jobs\Jobs Data\1600059 Diggers Rest\Eng\Precinct 2\Stage 6\Drawings\1600059-06-400-DLS.dwg



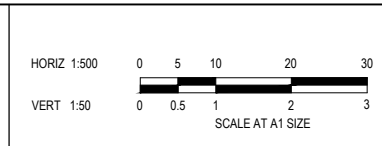
**NOTES:**  
 ALL STORMWATER DRAINS UP TO AND INCLUDING 750mm DIA. ARE TO BE CLASS 2 R.R.J. PIPES UNLESS NOTED OTHERWISE.



PIT NUMBER	PIT TYPE	INTERNAL DIMENSION		INLET		OUTLET		COVER LEVEL (m)	DEPTH (m)	STANDARD DRAWING	REMARKS
		WIDTH (mm)	LENGTH (mm)	DIAMETER (mm)	INVERT LEVEL(m)	DIAMETER (mm)	INVERT LEVEL(m)				
1	END PIPE			600	212.563			214.808	2.246		CONNECT TO EXISTING END PIPE
2	GRATED SIDE ENTRY PIT	600 (T) 900 (B)	900 (T) 900 (B)	600 300	212.647 212.887	600	212.587	214.841	2.254	EDCM 601 & 607	
3	GRATED SIDE ENTRY PIT	600 (T) 900 (B)	900 (T) 900 (B)	525 300	213.120 213.105	600	213.045	215.120	2.075	EDCM 601 & 607	
4	JUNCTION PIT	600 (T) 900 (B)	900 (T) 900 (B)			525	213.375	215.382	2.006	EDCM 607	
5	GRATED SIDE ENTRY PIT	600	900			300	213.442	214.806	1.364	EDCM 601 & 605	
6	GRATED SIDE ENTRY PIT	600	900			300	213.169	215.097	1.928	EDCM 601 & 605	
7	GRATED SIDE ENTRY PIT	600	900			300	213.275	215.033	1.758	EDCM 601 & 605	
8	GRATED SIDE ENTRY PIT	600	900			300	213.37	215.036	1.667	EDCM 601 & 605	
9	ENDWALL			375	212.295			215.076	1.56		TEMPORARY SAND BAG END WALL TO SUIT 375 DIA. PIPE
10	JUNCTION PIT	600	900	300	212.470	375	212.395	214.307	1.913	EDCM 605	
11	JUNCTION PIT	600	900	300	212.920	300	212.860	214.545	1.686	EDCM 605	
12	JUNCTION PIT	600	900	300	213.442	300	213.442	214.799	1.357	EDCM 605	
13	ENDWALL			600	212.755			214.267	1.512		TEMPORARY SAND BAG END WALL TO SUIT 525 DIA. PIPE
14	JUNCTION PIT	600 (T) 900 (B)	900 (T) 900 (B)	600 300	212.89	600	212.84	214.395	1.555	EDCM 605	TO BE CONVERTED TO GSEP IN FUTURE STAGE
15	GRATED SIDE ENTRY PIT	600 (T) 900 (B)	900 (T) 900 (B)	600 300	213.113 213.234	600	213.063	214.654	1.591	EDCM 601 & 605	INSTALL CLASS D PIT LID
16	JUNCTION PIT	600 (T) 900 (B)	900 (T) 900 (B)	525 300	213.351 213.531	600	213.301	214.936	1.635	EDCM 607	
17	GRATED SIDE ENTRY PIT	600 (T) 900 (B)	900 (T) 900 (B)	525 300	213.473 213.597	525	213.423	215.044	1.621	EDCM 601 & 605	
18	GRATED SIDE ENTRY PIT	600	900	525	213.561	525	213.511	215.123	1.613	EDCM 601 & 605	
19	GRATED SIDE ENTRY PIT	600	900	375	213.744	525	213.589	215.106	1.517	EDCM 601 & 605	CONSTRUCT PIT OVER EXISTING END PIPE
20	JUNCTION PIT	600	900			375	214.427	216.027	1.6	EDCM 605	
21	GRATED SIDE ENTRY PIT	600	900			300	213.291	214.654	1.363	EDCM 601 & 605	
22	END PIPE					300	214.339	215.551	1.212		CAP END FOR FUTURE EXTENSION
23	GRATED SIDE ENTRY PIT	600	900	300	213.838	300	213.818	215.168	1.350	EDCM 601 & 605	
24	JUNCTION PIT	600	900	300	214.005	300	213.985	215.191	1.207	EDCM 605	
25	END PIPE					300	214.139	215.404	1.265		CAP END FOR FUTURE EXTENSION
26	GRATED SIDE ENTRY PIT	600	900			300	213.681	215.043	1.362	EDCM 601 & 605	

ISSUED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	DRN.	APP.	REV	DESCRIPTION	DATE	DRN.	APP.
C	PIT SCHEDULE UPDATED	21.02.23	DZ	SM					
B	DETAILS PITS 13-20 UPDATED	3.08.22	SG	SM					
A	ISSUED FOR CONSTRUCTION	07.12.21	NT	RW					
P2	ISSUED FOR REVIEW	12.10.21	NT	RW					
P1	ISSUED FOR TENDER	01.09.21	NT	RW					



Designed Date: S. GILBERT 21.08.2021  
 Drawn: N. TABUENA  
 Approved Date: R. WICKETT 7.10.2021  
 PS Number: PS 822978N/S2



Project Details: DAVIS VINEYARD - STAGE 6 AUST. INVESTMENT & DEV. P/L CITY OF MELTON  
 Drawing Title: DRAINAGE LONGITUDINAL SECTIONS (SHEET 3 OF 3) AND PIT SCHEDULE

Sheet 17 of 17  
 Scale: 1:500 H 1:50 V @ A1  
 Project Ref: 1600059 Stage No: 06 Drawing No: 402 Rev: C

Time: 2021/10/21 10:00:00 AM Data: 1600059 Diggers Rest\_Engl.Precinct 2/Stage 6/Drawings/1600059-06-400-DLS.dwg