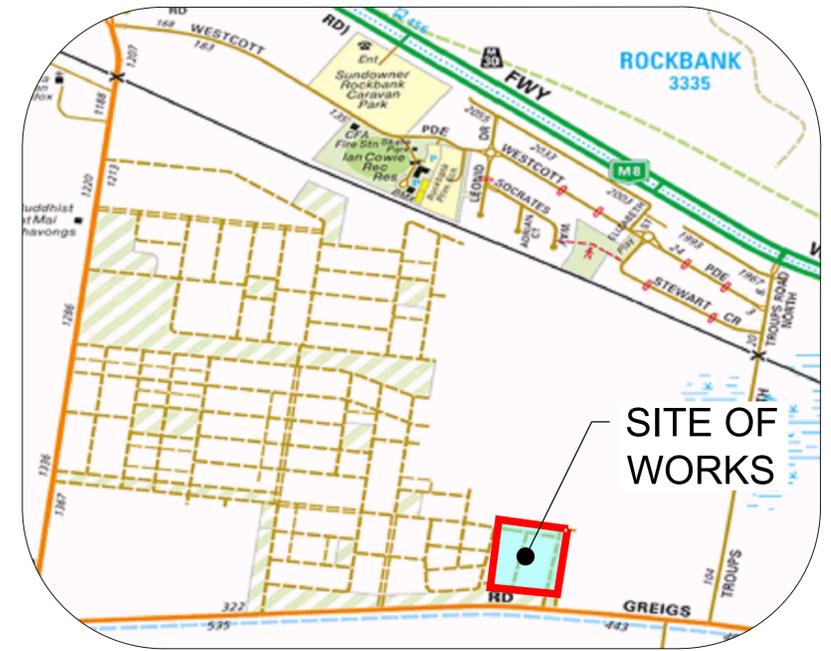
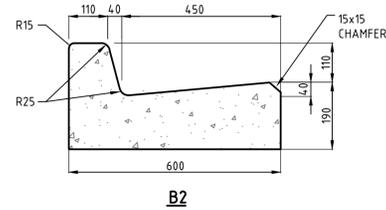


**GENERAL NOTES:**

- THE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT COUNCIL/MPA/VICROADS/MELBOURNE WATER STANDARD DRAWINGS AND SPECIFICATIONS. WORKS TO BE CARRIED OUT TO THE SATISFACTION OF COUNCIL'S SUPERVISING OFFICER.
- THE CONTRACTOR IS RESPONSIBLE FOR SAFETY OF WORK ON SITE IN ACCORDANCE WITH APPROPRIATE LEGISLATION. HE/SHE SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS.
- THE CONTRACTOR SHALL:
  - COMPLY WITH THE SAFETY REQUIREMENTS OF THE MINES ACT, GENERAL REGULATIONS AND STATUTORY RULES, AND THE MINES (TRENCHES) REGULATIONS 1982.
  - NOTIFY THE OCCUPATIONAL HEALTH AND SAFETY AUTHORITY OF HIS INTENTION TO COMMENCE TRENCHING OPERATIONS WHERE TRENCHES ARE 15 METERS OR DEEPER.
  - ENSURE THAT THE MINE MANAGER OR HIS DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE WHEN TRENCHING OPERATIONS ARE IN PROGRESS.
  - OBTAIN A ROAD OPENING PERMIT FOR ANY WORKS WITHIN EXISTING ROAD RESERVES OR ANY WORKS ON EXISTING INFRASTRUCTURE.
- THE CONTRACTOR SHALL NOTIFY COUNCIL'S SURVEILLANCE CO-ORDINATOR AND ALL SERVICE AUTHORITIES SEVEN (7) DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE LOCATION OF EXISTING SERVICES SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL RELEVANT SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- ALL ROAD CHAINAGES ARE MEASURED ALONG THE ROAD CENTRELINE EXCEPT KERB RETURNS AND COURTHEADS, WHERE LIP OF KERB CHAINAGES ARE SPECIFIED. ALL DIMENSIONS AND RADII ARE GIVEN TO THE LIP OF KERB UNLESS NOTED OTHERWISE. DO NOT SCALE OFF THESE DRAWINGS, WRITTEN DIMENSIONS ONLY SHALL BE USED.
- CONDUIT LOCATIONS ARE SUBJECT TO AMENDMENT AND CONDUITS SHALL NOT BE LAID UNTIL WRITTEN APPROVAL IS GIVEN BY THE SUPERINTENDENT. BOTH KERBS ARE TO BE MARKED WITH THE LETTERS G W AND T ABOVE CONDUIT LOCATIONS AS SPECIFIED. CONDUITS TO BE PLACED MINIMUM OF 5m FROM BOUNDARIES WHERE POSSIBLE AND TO THE SATISFACTION OF THE SUPERINTENDENT IN ACCORDANCE WITH COUNCIL STANDARD DRAWINGS.
- SUBSOIL DRAINS SHALL BE INSTALLED BEHIND ALL KERB AND CHANNEL AS PER COUNCIL SPECIFICATION AND STANDARD DRAWINGS.
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM.
- ALL EXCAVATED OR FILLED AREAS OUTSIDE THE ROAD RESERVES SHALL BE SURFACED WITH A 100mm LAYER OF TOPSOIL AS SPECIFIED. ALL FILLING ON ALLOTMENTS TO BE COMPACTED TO 95% STANDARD COMPACTION IN 150mm LAYERS AND AS PER THE SPECIFICATION. WHERE THERE IS FILL IN EXCESS OF 300mm IN DEPTH, THE CONTRACTOR IS TO CARRY OUT SOIL TESTS TO THE REQUIREMENTS OF APPENDIX B AS SPECIFIED IN THE CURRENT AUSTRALIAN STANDARD AS 3798 TO SHOW THAT LEVEL 1 COMPACTION STANDARDS HAVE BEEN ACHIEVED. TEST RESULTS AND LOCATION OF TESTS FOR EACH ALLOTMENT SHALL BE APPROVED BY THE CONTRACTOR AND SUBMITTED TO COUNCIL.
- FILL MATERIAL USED UNDER PAVEMENTS AND FOOTPATHS MUST BE AN APPROVED MATERIAL IN ACCORDANCE WITH COUNCIL SPECIFICATION. ALL SUCH MATERIAL SHALL BE COMPACTED AS PER THE REQUIREMENTS OF THE SPECIFICATION APPROVED WITH THESE DRAWINGS PRIOR TO FORMWORK BEING PLACED. COMPACTION TESTS SHALL BE COMPLETED AND PROVIDED TO SUPERINTENDENT.
- FILL & CUT BATTERS ARE NOT TO EXCEED 1 in 6 SLOPE, UNLESS SHOWN OTHERWISE.
- ALL ALLOTMENTS SHALL BE SMOOTHED, GRADED AND SHAPED TO AN EVEN SURFACE BETWEEN FINISHED LEVELS SHOWN UNLESS NOTED OTHERWISE.
- ALL STORMWATER DRAINAGE PIPES SHALL BE CLASS 2 RCP WITH SPIGOT AND SOCKET TYPE RUBBER RING JOINTS UNLESS NOTED OTHERWISE. DRAINAGE PITS SHALL BE CAST MONOLITHICALLY. CEMENT RENDER SHALL ONLY BE USED TO REPAIR DEFECTS.
- BACKFILLING OF TRENCHES WHERE DRAINAGE AND SEWERAGE ARE IN CLOSE PROXIMITY SHALL CONFORM TO COUNCIL STANDARD DRAWING MCC 704.
- ALL SERVICING TRENCHES UNDER ROADS, FOOTPATHS, DRIVEWAYS, PARKING BAYS ETC. SHALL TO BE BACKFILLED WITH CLASS 2 F.C.R.
- ALL HOUSE DRAIN CONNECTIONS ARE TO BE LOCATED NO CLOSER THAN 5.00m FROM THE SIDE BOUNDARY UNLESS NOTED OTHERWISE.
- INVERT OF PROPERTY INLETS SHALL TO BE 500mm MINIMUM BELOW FINISHED SURFACE UNLESS NOTED OTHERWISE.
- VEHICLE CROSSINGS ARE TO BE LOCATED 0.75m FROM SIDE BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN.
- ADDITIONAL AND OVER-EXCAVATION SHALL BE BACKFILLED IN ACCORDANCE WITH THE PROVISIONS OF THE SPECIFICATION.
- FOOTPATH CROSSFALL SHALL BE 1:50 UNLESS NOTED OTHERWISE.
- TREES AND SHRUBS SHALL BE RETAINED, UNLESS ROAD CONSTRUCTION NECESSITATES THEIR REMOVAL, REMOVAL IS DIRECTED BY SUPERINTENDENT.
- TREES MARKED ON THE APPROVED PLANS FOR REMOVAL MUST BE REMOVED FROM THE SITE PRIOR TO THE COMMENCEMENT OF WORKS. NO EXCAVATION SHALL BE CARRIED OUT WITHIN 5.0m OF ANY EXISTING TREE UNTIL APPROVAL HAS BEEN GIVEN BY COUNCIL'S SUPERVISING OFFICER.
- INSTALL BLUE RAISED REFLECTIVE PAVEMENT MARKER (BRRPM) ON ROAD CENTRELINE AND "GROUND BALL" MARKER POST TO INDICATE LOCATION OF FIREPLUG.
- ALL LINEMARKING, SIGNAGE AND TRAFFIC CONTROL DEVICES SHALL ACCORD WITH AS1742 "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES."
- THE CONTRACTOR IS TO ENSURE THAT THEIR CONSTRUCTION PROCEDURES AND STANDARDS CONTROL THE VOLUME AND LOCATION FOR COLLECTION OF SEDIMENT RUNOFF ACCORDING TO CURRENT EPA - ENVIRONMENTAL GUIDELINES FOR MAJOR CONSTRUCTION SITES.
- UPON COMPLETION OF CONSTRUCTION THE WHOLE SITE SHALL BE CLEANED UP, GRADED AND ALL RUBBISH REMOVED. THE SITE IS TO BE LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT.
- EXISTING PAVEMENT OR DRAINAGE WORKS DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE SUPERINTENDENT.
- THE LOWER SUB-BASE QUALITY MATERIAL SHALL COMPRISE OF RIPPED ROCK IN ACCORDANCE WITH COUNCIL SPECIFICATIONS.

SHEET NO.	DRAWING TITLE
14R1	GENERAL NOTES, LOCALITY PLAN & DRAWING INDEX
14R2	PAVEMENT COMPOSITION
14R3	LAYOUT PLAN
14R4	KERALA STREET: LONGITUDINAL AND CROSS SECTIONS
14R5	UTTAR WAY: LONGITUDINAL AND CROSS SECTIONS
14R6	DELHI GROVE: LONGITUDINAL AND CROSS SECTIONS
14R7	<del>SHARMA LANE AND KUMAR LANE: LONGITUDINAL AND CROSS SECTIONS</del> REMOVED
14R8	INTERSECTION DETAILS AND LIP PROFILE
14R9	DRAINAGE LONGITUDINAL SECTION AND PIT SCHEDULE
14R10	SIGNAGE & LINEMARKING PLAN
14R11	PLAN OF SUBDIVISION
14R12	GRAVEL TRENCH (KERB INLET DIVERSION DETAILS)
14R13	PASSIVE IRRIGATION LAYOUT PLAN



LOCALITY PLAN  
NOT TO SCALE

COORDINATE DATUM: SITE MGA 94 ZONE 55 WIDE MELBpos  
 LEVEL DATUM: AHD WIDE PM 12 (PARISH OF KOROROIT)  
 R.L. 105.966 (SMES 4 SEP, 2012)  
 CONTOUR INTERVAL: 0.5m  
 GRID INTERVAL: 250m

SERVICES SCHEDULE							
STREET NAME	GAS	D-WATER	TELSTRA	ELECT.	SEWER	TREES BOTH SIDES	ROAD RESERVE
KERALA STREET	2.10 N	2.60 N	1.775 S	2.60 S	1.00 N	0.80 B.O.K.	16.00
UTTAR WAY	2.10 E	2.60 E	1.775 W	2.60 W	EX.1.0W/1.0 E	0.80 B.O.K.	16.00
DELHI GROVE	2.30 N	2.75 N	1.775 N	3.95 N	N/A	0.80 B.O.K.	14.00

x DENOTES EXISTING SERVICE EXACT LOCATION TO BE PROVEN ON SITE BY CONTRACTOR. ALL OFFSETS ARE REFERENCED TO NEAREST BL.

Temporary/Permanent Bench Marks

No.	Easting	Northing	R.L.	Description
1	294062.93	5820269.25	102.7	C208RVTKT
2	294066.36	5820228.92	103.07	C207SSPT
3	294210.6	5820007.19	102.68	C10SSPG

ROAD SCHEDULE				
STREET NAME	ROAD RESERVE	CARR. WIDTH (FOK-FOK)	FOOTPATH WIDTH AND SIDE	REMARKS
KERALA STREET	16.00	7.30	1.50 N / 1.50S	ACCESS STREET LEVEL 1
UTTAR WAY	16.00	7.30	1.50 E / 1.50 W	ACCESS STREET LEVEL 1
DELHI GROVE	14.00	5.50	1.50 N	ACCESS PLACE

**SERVICES CONTACTS**

SERVICE	AUTHORITY	TELEPHONE
GAS	SP AUSNET	(03) 9396 7631
WATER/SEWERS	WESTERN WATER	1300 650 425
ELECTRICITY	POWERCOR	132 206
TELECOMMUNICATION	TELSTRA	
PAVEMENTS AND DRAIN	MELTON SHIRE COUNCIL	(03) 9747 7200

**ADDITIONAL NOTE:**

A CCTV INSPECTION OF ALL DRAINAGE HOUSE CONNECTIONS IS TO BE UNDERTAKEN BY THE CONTRACTOR TO THE SATISFACTION OF COUNCIL'S WORK SUPERVISOR.

**AS-CONSTRUCTED ISSUE**  
 THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY FUTURE PARTY IN RELATION TO DETAILED DESIGN ACTIVITIES. THESE PLANS ARE PROVIDED TO COUNCIL FOR ASSET MANAGEMENT PURPOSES AND ANY USE OF THE PLANS BY THIRD PARTIES IS NOT PERMITTED. ANY SUBSEQUENT DESIGN OR CONSTRUCTION ACTIVITIES IN THE AREA DEFINED ON THESE PLANS WILL REQUIRE ADDITIONAL SITE SURVEY AND ASSET PROVING BY THE RELEVANT PARTY.

H:\22236\STAGE 14\CAD\DWG SET\ROAD AND DRAINAGE\22236\_14R1-2.DWG

THIS DRAWING IS NOT TO BE COPIED OR SCALED

VERSION	REMARKS	DATE	BY
F	AS CONSTRUCTED	21.06.23	JZ
E	SERVICES SCHEDULES AMENDED	24.08.22	JZ
D	CONSTRUCTION ISSUE	21.04.22	JZ
C	CONSTRUCTION ISSUE	21.04.22	JZ
B	LOT LAYOUT AMENDED	10.12.21	JZ

DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
MELWAY	344, K12	CHECKED BY	L. PHAN
DATUM	AHD	AUTHORISED BY	S. RAVIDA

**REEDS CONSULTING**  
 LAND SURVEYING  
 CIVIL ENGINEERING  
 PLANNING  
 DEVELOPMENT CONSULTING

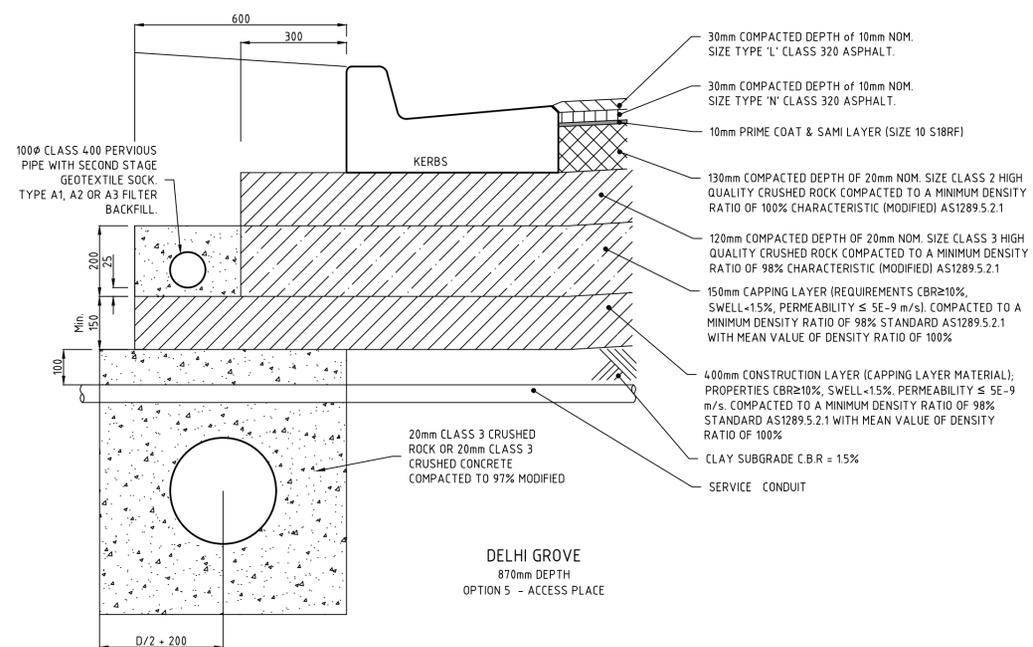
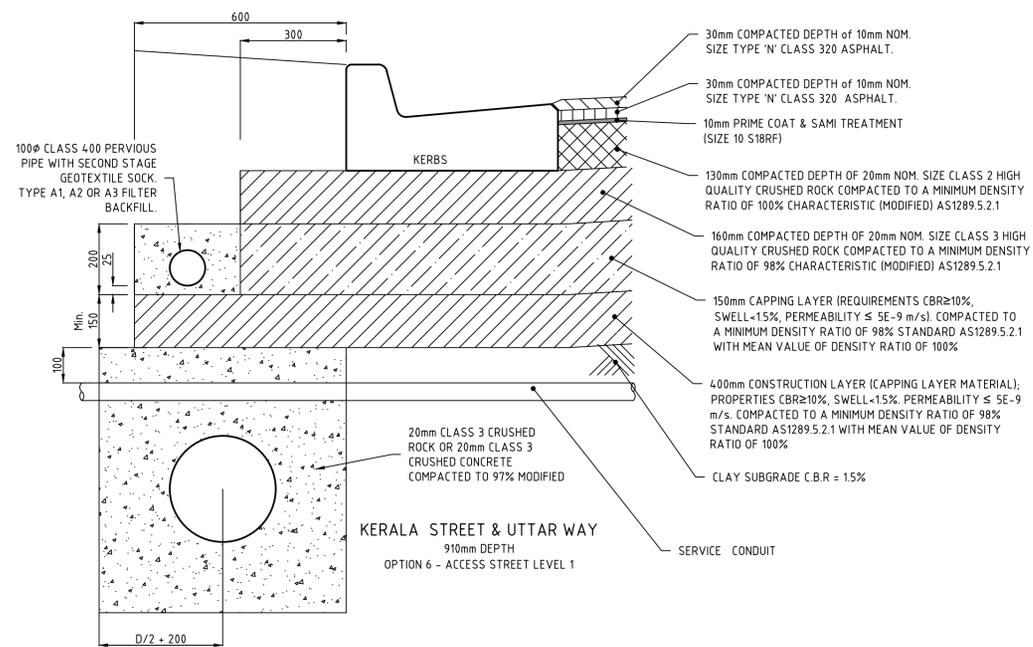
www.reedsconsulting.com.au  
 engineering@reedsconsulting.com.au

Lvl 16, 501 Swanston Street Melbourne Victoria 3000  
 p (03) 8660 3000

Copyright © Reeds Consulting Pty Ltd  
 All Rights Reserved 2021

CITY OF MELTON  
 BRIDGEFIELD ESTATE, ROCKBANK  
 STAGE 14  
 GENERAL NOTES, LOCALITY PLAN  
 & DRAWING INDEX

DRAWING No.	14R1	VERSION	F
REFERENCE	22236E/14		
SHEET	1 OF 13		



**PAVEMENT NOTES**

- REFER TO "GEO TECHNICAL INVESTIGATION & PAVEMENT DESIGN" REPORT R7591-1-R3 DATED 8th FEBRUARY 2022 SITE GEO TECHNICAL Pty Ltd FOR COMPLETE PAVEMENTS DESIGN.
- PAVEMENT DEPTHS SHALL BE MODIFIED IF DIRECTED BY THE SUPERINTENDENT.
- ANY CHANGE TO THE ABOVE PAVEMENTS SHALL BE APPROVED IN WRITING BY COUNCIL'S SUPERINTENDENT.
- INSPECTION AND TESTING OF PAVEMENTS SHALL BE CARRIED OUT TO COUNCIL SPECIFICATIONS.
- DEPTHS SHOWN ARE CONSOLIDATED THICKNESSES IN MILLIMETRES.

**AS-CONSTRUCTED ISSUE**

THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY FUTURE PARTY IN RELATION TO DETAILED DESIGN ACTIVITIES. THESE PLANS ARE PROVIDED TO COUNCIL FOR ASSET MANAGEMENT PURPOSES AND ANY USE OF THE PLANS BY THIRD PARTIES IS NOT PERMITTED. ANY SUBSEQUENT DESIGN OR CONSTRUCTION ACTIVITIES IN THE AREA DEFINED ON THESE PLANS WILL REQUIRE ADDITIONAL SITE SURVEY AND ASSET PROVING BY THE RELEVANT PARTY.

THIS DRAWING IS NOT TO BE COPIED OR SCALED

VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	CONSTRUCTION ISSUE	21.04.22	JZ
B	LOT LAYOUT AMENDED	10.12.21	JZ
A	PRELIMINARY ISSUE	18.06.21	JZ

DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
MELWAY	344, K12	CHECKED BY	L. PHAN
DATUM	AHD	AUTHORISED BY	S. RAVIDA



www.reedsconsulting.com.au  
engineering@reedsconsulting.com.au

Lvl 16, 501 Swanston Street Melbourne Victoria 3000  
p (03) 8660 3000

LAND SURVEYING  
CIVIL ENGINEERING  
PLANNING  
DEVELOPMENT CONSULTING

Copyright © Reeds Consulting Pty Ltd  
All Rights Reserved 2021

CITY OF MELTON  
BRIDGEFIELD ESTATE, ROCKBANK  
STAGE 14  
PAVEMENT COMPOSITION

DRAWING No.	14R2	VERSION	D
REFERENCE	22236E/14		
SHEET	2 OF 13		



### LEGEND

- B2 600 B2 TYPE KERB AS PER EDMC 301
- ES 150x150mm CONC. EDGE STRIP WITH SUBSOIL DRAINS UNDER.
- GW PROPOSED GAS & WATER CONDUITS
- ET PROPOSED ELECT. & TELECOMM. CONDUITS
- 109.0 EXISTING SURFACE CONTOURS (0.25m INT.)
- \*\*\*\*\* PROPOSED BOLLARDS AS PER LANDSCAPE PLAN
- EXISTING DRY STONE WALL TO BE RETAINED
- EXISTING DRY STONE WALLS TO BE STOCKPILED ON SITE AS DIRECTED BY THE SUPERINTENDENT. TO BE RE-CONSTRUCTED BY OTHERS.
- EXISTING DRY STONE WALL TO BE REMOVED AND STOCKPILED ON SITE AS DIRECTED BY THE SUPERINTENDENT. EXISTING DRY STONE WALLS TO BE RE-CONSTRUCTED ELSEWHERE ON SITE BY OTHERS.
- PROPOSED PASSIVE STREET TREE IRRIGATION GRAVEL TRENCH (KERB INLET DIVERSION). LOCATION SHOWN INDICATIVELY. REFER TO STREET TREE PLANS FOR LOCATION.
- DIRECTION OF LOT FINISHED SURFACE FALL
- OVERLAND FLOW PATH
- DIRECTION OF DRAIN PIPE FLOW

### TYPICAL NOTATIONS - EXAMPLE

NOT TO SCALE

H5.5 - PROPERTY DRAIN AT 5.5m OFFSET WHERE DRAIN IN NON-PERPENDICULAR, O/S REFERS TO INTERS. OF DRAIN & BL.  
C7.5 - GWR CONDUITS AT 7.5m OFFSET

NOTE: ALL OFFSETS ARE MEASURED ALONG THE ROAD RESERVE BOUNDARY AND FROM NEAREST SIDE TITLE BOUNDARY.

PROPOSED DOUBLE RESIDENTIAL VEHICLE CROSSING AS PER MSC 301 UNLESS NOTED OTHERWISE.  
OFFSET IS AS PER MSC 301 IF NOT SHOWN.

### LEGEND

- CUT EARTHWORKS - CUT AREA WITHIN LOTS GREATER THAN 150mm DEPTH
- FILL EARTHWORKS - FILL AREA WITHIN LOTS GREATER THAN 150mm DEPTH

THIS PLAN SHOWS ONLY APPROXIMATE EXTENTS & LEVELS OF FILL TO BE PLACED DURING CONSTRUCTION. DEPTH OF FILL USED FOR TOP DRESSING ALL ALLOTMENTS MAY VARY BY UP TO 0.15m. THE EXTENT OF FILL SHOWN IS BASED ON DESIGN AND MAY BE SUBJECT TO CHANGE FOLLOWING FINAL INSPECTION BY GEOTECHNICAL ENGINEER.

### EXISTING TREES, FENCES AND STRUCTURES:

- ALL EXISTING TREES ARE TO BE REMOVED AS PER TREES REMOVAL REPORT.
- ALL EXISTING FENCES AND STRUCTURES ARE TO BE REMOVED.

### WARNING

**BWARE OF UNDERGROUND SERVICES**  
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE PRIOR TO COMMENCEMENT OF WORK. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

### AS-CONSTRUCTED ISSUE

THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY FUTURE PARTY IN RELATION TO DETAILED DESIGN ACTIVITIES. THESE PLANS ARE PROVIDED TO COUNCIL FOR ASSET MANAGEMENT PURPOSES AND ANY USE OF THE PLANS BY THIRD PARTIES IS NOT PERMITTED. ANY SUBSEQUENT DESIGN OR CONSTRUCTION ACTIVITIES IN THE AREA DEFINED ON THESE PLANS WILL REQUIRE ADDITIONAL SITE SURVEY AND ASSET PROVING BY THE RELEVANT PARTY.

THIS DRAWING IS NOT TO BE COPIED OR SCALED

VERSION	REMARKS	DATE	BY
G	AS CONSTRUCTED	21.06.23	JZ
F	TREE & WATER CONDUIT LOCATION AMENDED	14.09.22	JZ
E	TREE LOCATION AMENDED	04.07.22	JZ
D	CONSTRUCTION ISSUE	21.04.22	JZ
C	LOT LAYOUT AMENDED	15.10.21	JZ

### LEGEND

- DRAIN, PROPERTY INLET & PIT
- EX DRAIN & PIT
- SEWER AND MAINTENANCE HOLE
- EX SEWER AND MAINTENANCE HOLE
- WATER MAIN
- EX WATER MAIN, VALVE & HYDRANT
- GAS MAIN
- EX GAS MAIN, VALVE
- TELSTRA SERVICES & PITS
- EX TELSTRA SERVICES & PITS
- RECYCLED WATER
- EX RECYCLED WATER
- ELECTRICAL U.G. SERVICES
- EX ELECTRICAL U.G. SERVICES
- ELECTRICAL SERVICE & PIT
- EX ELECTRICAL SERVICE & PIT
- ELECTRICAL OVERHEADS
- EX ELECTRICAL OVERHEADS
- GAS & WATER CONDUITS
- TOP OF BATTER
- TOE OF BATTER
- FINISHED SURFACE AFTER CUTTING OR FILLING
- TOP OF PROPOSED BATTER
- PROPOSED PAVEMENT OR FOOTPATH SURFACE
- EXISTING OR PROPOSED INVERT LEVEL OF PIPE OR OPEN DRAIN
- TANGENT POINT
- CHANGEA
- PSM
- EX FENCE
- EX WALL OR BUILDING

DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
MELWAY	344, K12	CHECKED BY	L. PHAN
DATUM	AHD	AUTHORISED BY	S. RAVIDA

## REEDS CONSULTING

LAND SURVEYING  
CIVIL ENGINEERING  
PLANNING  
DEVELOPMENT CONSULTING

www.reedsconsulting.com.au  
engineering@reedsconsulting.com.au

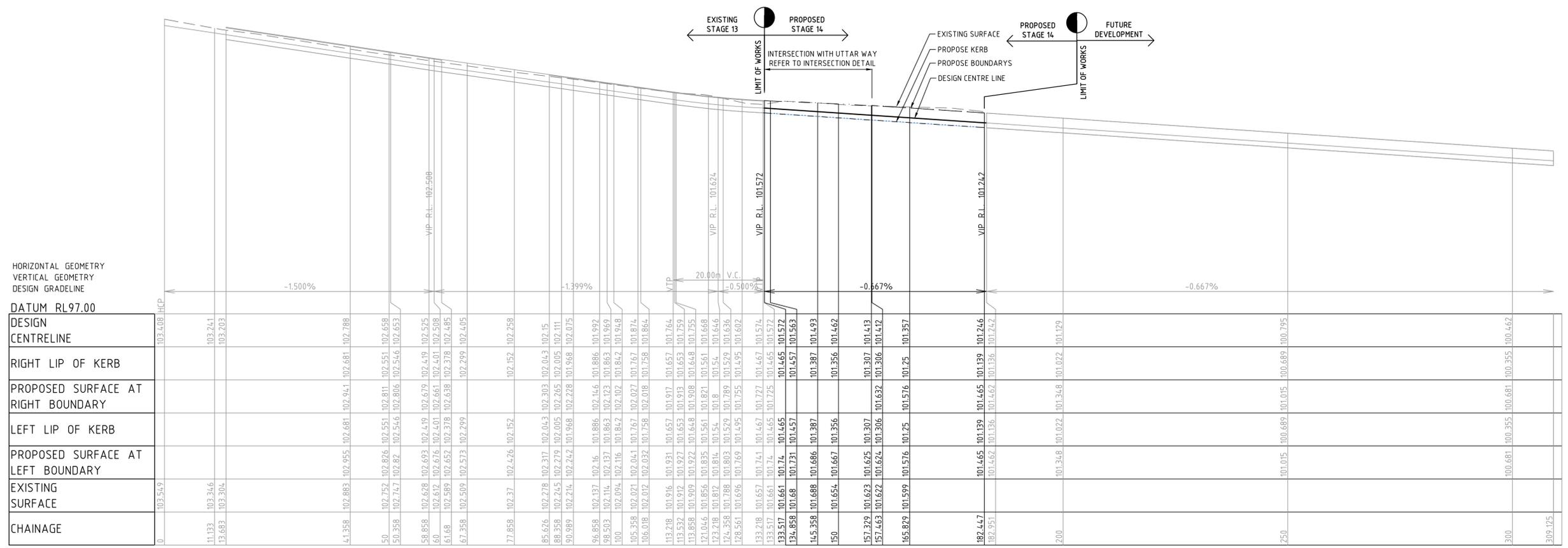
Lvl 16, 501 Swanston Street Melbourne Victoria 3000  
p (03) 8660 3000

Copyright © Reeds Consulting Pty Ltd  
All Rights Reserved 2021

CITY OF MELTON  
BRIDGEFIELD ESTATE, ROCKBANK  
STAGE 14  
LAYOUT PLAN

DRAWING No.	14R3	VERSION	G
REFERENCE	22236E/14		
SHEET	2	OF	13

H:\22236E\STAGE 14\CAD\DWG\SETUP\ROAD AND DRAINAGE\22236\_14R3\_RR.DWG

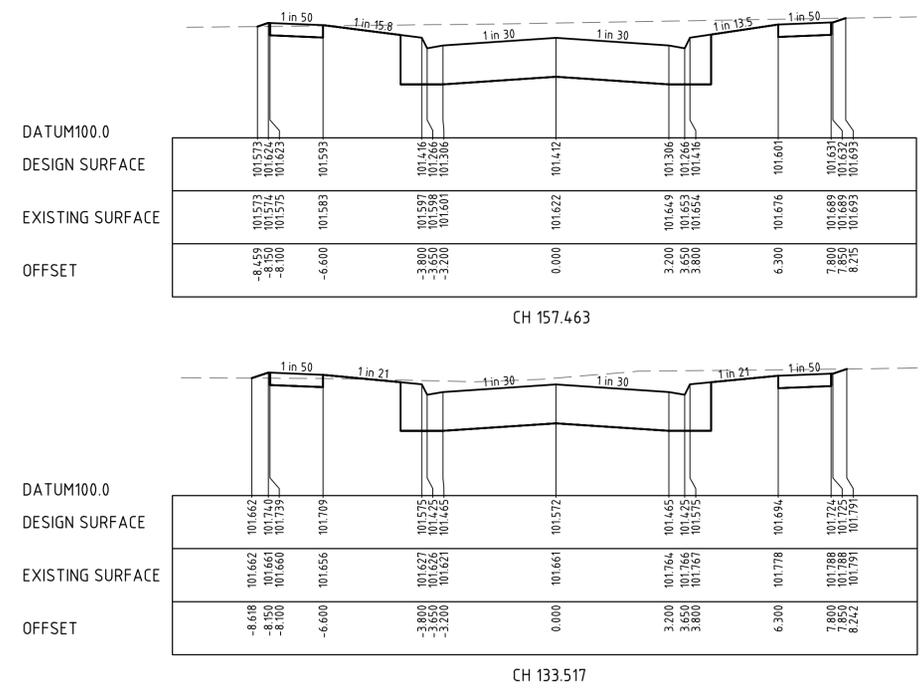
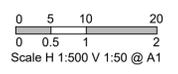


HORIZONTAL GEOMETRY  
VERTICAL GEOMETRY  
DESIGN GRADELINE

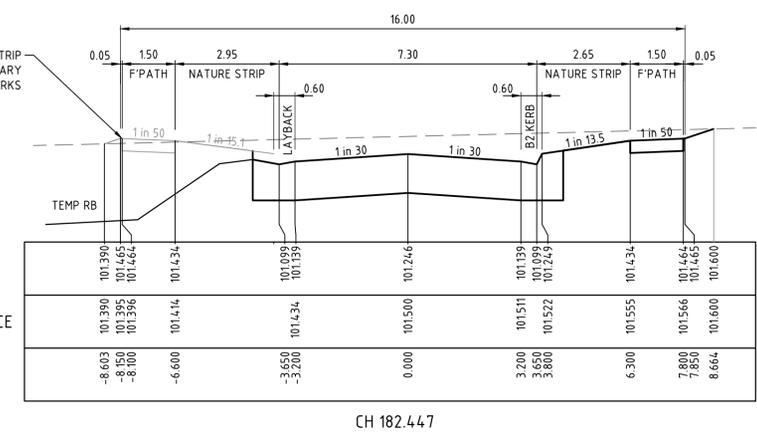
DATUM RL97.00

CHAINAGE	0	11.133	13.683	41.358	50	50.358	58.858	60	61.68	67.358	77.858	85.626	88.358	90.989	96.858	98.503	100	105.358	106.018	113.218	113.532	113.858	121.046	123.218	124.358	128.561	133.218	133.517	134.858	145.358	150	157.329	157.463	165.829	182.447	182.951	200	250	300	309.175			
DESIGN CENTRELINE	103.408	103.241	103.203	102.788	102.658	102.653	102.525	102.508	102.485	102.405	102.258	102.15	102.111	102.075	101.992	101.969	101.948	101.874	101.864	101.764	101.657	101.759	101.755	101.668	101.646	101.636	101.602	101.574	101.572	101.457	101.563	101.493	101.462	101.413	101.412	101.357	101.246	101.242	101.129	100.795	100.462		
RIGHT LIP OF KERB				102.681	102.551	102.546	102.419	102.401	102.378	102.299	102.152	102.043	102.005	101.968	101.886	101.863	101.842	101.767	101.758	101.657	101.572	101.465	101.572	101.468	101.446	101.436	101.402	101.374	101.372	101.257	101.363	101.293	101.262	101.213	101.164	101.105	100.689	100.355	100.022	100.022	100.022	100.022	
PROPOSED SURFACE AT RIGHT BOUNDARY				102.941	102.811	102.806	102.679	102.661	102.638	102.559	102.412	102.303	102.265	102.228	102.146	102.123	102.042	102.032	101.931	101.821	101.727	101.619	101.512	101.405	101.298	101.191	101.084	100.977	100.870	100.763	100.656	100.549	100.442	100.335	100.228	100.121	100.014	100.007	100.007	100.007	100.007	100.007	100.007
LEFT LIP OF KERB				102.681	102.551	102.546	102.419	102.401	102.378	102.299	102.152	102.043	102.005	101.968	101.886	101.863	101.842	101.767	101.758	101.657	101.572	101.465	101.572	101.468	101.446	101.436	101.402	101.374	101.372	101.257	101.363	101.293	101.262	101.213	101.164	101.105	100.689	100.355	100.022	100.022	100.022	100.022	100.022
PROPOSED SURFACE AT LEFT BOUNDARY				102.941	102.811	102.806	102.679	102.661	102.638	102.559	102.412	102.303	102.265	102.228	102.146	102.123	102.042	102.032	101.931	101.821	101.727	101.619	101.512	101.405	101.298	101.191	101.084	100.977	100.870	100.763	100.656	100.549	100.442	100.335	100.228	100.121	100.014	100.007	100.007	100.007	100.007	100.007	100.007
EXISTING SURFACE	103.549	103.346	103.304	102.883	102.752	102.747	102.626	102.612	102.589	102.509	102.37	102.278	102.245	102.214	102.137	102.114	102.094	102.021	101.916	101.912	101.921	101.922	101.922	101.896	101.872	101.872	101.878	101.856	101.857	101.857	101.857	101.857	101.857	101.857	101.857	101.857	101.857	101.857	101.857	101.857	101.857	101.857	101.857

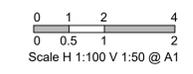
LONGITUDINAL SECTION KERALA STREET



FOOTPATH, VEHICLE CROSSING AND NATURE STRIP TO BE CONSTRUCTED AS PART OF TEMPORARY RETARDING BASIN REMOVAL (STAGE 14a) WORKS



CROSS SECTIONS KERALA STREET



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

**AS-CONSTRUCTED PLAN**  
THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY FUTURE PARTY IN RELATION TO DETAILED DESIGN ACTIVITIES. THESE PLANS ARE PROVIDED TO COUNCIL FOR ASSET MANAGEMENT PURPOSES AND ANY USE OF THE PLANS BY THIRD PARTIES IS NOT PERMITTED. ANY SUBSEQUENT DESIGN OR CONSTRUCTION ACTIVITIES IN THE AREA DEFINED ON THESE PLANS WILL REQUIRE ADDITIONAL SITE SURVEY AND ASSET PROVING BY THE RELEVANT PARTY.

THIS DRAWING IS NOT TO BE COPIED OR SCALED

VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	NOTE ADDED	04.07.22	JZ
B	CONSTRUCTION ISSUE	21.04.22	JZ
A	PRELIMINARY ISSUE	XX.XX.XX	JZ

**LEGEND**  
[Hatched Box] COMPACTED TYPE A STRUCTURAL MATERIAL IN ACCORDANCE WITH COUNCIL TECHNICAL SPEC. SECT. 204, FROM BASE OF PAVEMENT TO 150mm BELOW NATURAL SURFACE, WITH SIDE SLOPES 1 in 0.5 MAX.

DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
MELWAY	344, K12	CHECKED BY	L. PHAN
DATUM	AHD	AUTHORISED BY	S. RAVIDA

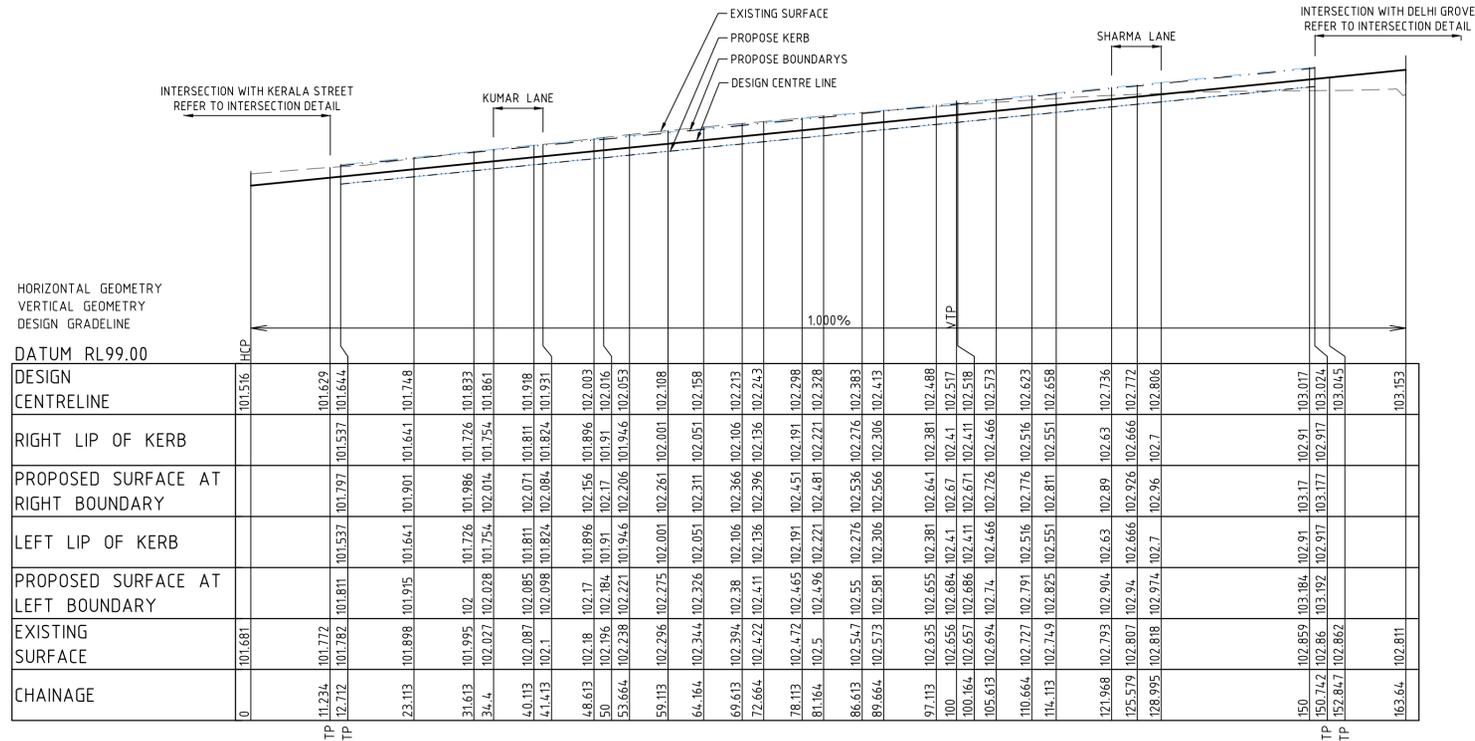
**REEDS CONSULTING**  
LAND SURVEYING  
CIVIL ENGINEERING  
PLANNING  
DEVELOPMENT CONSULTING

www.reedsconsulting.com.au  
engineering@reedsconsulting.com.au

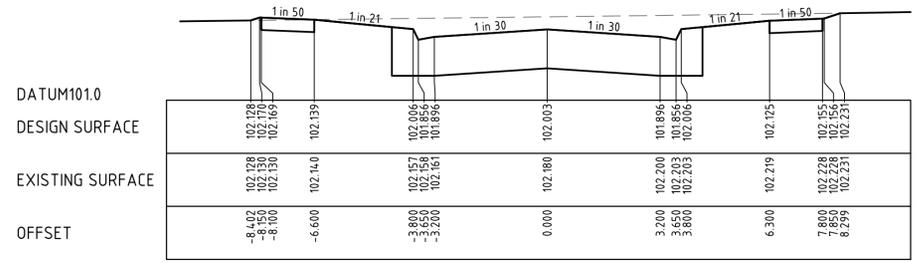
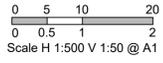
Lvl 16, 501 Swanston Street Melbourne Victoria 3000  
p (03) 8660 3000  
Copyright © Reeds Consulting Pty Ltd  
All Rights Reserved 2021

CITY OF MELTON  
BRIDGEFIELD ESTATE, ROCKBANK  
STAGE 14  
KERALA STREET  
LONGITUDINAL AND CROSS SECTIONS

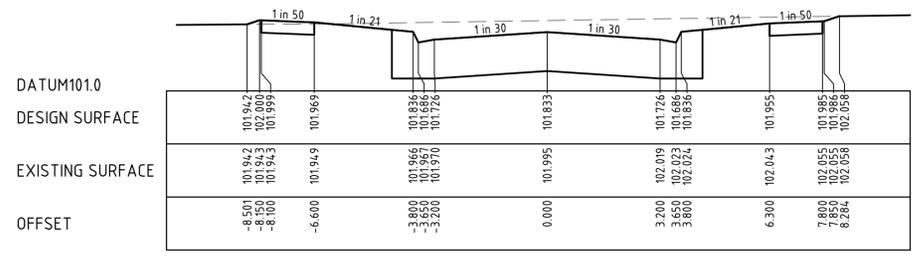
DRAWING No.	14R4	VERSION	D
REFERENCE	22236E/14		
SHEET	4 OF 13		



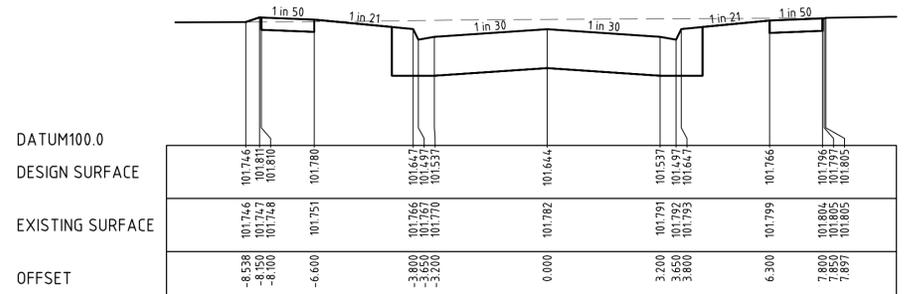
LONGITUDINAL SECTION UTTAR WAY



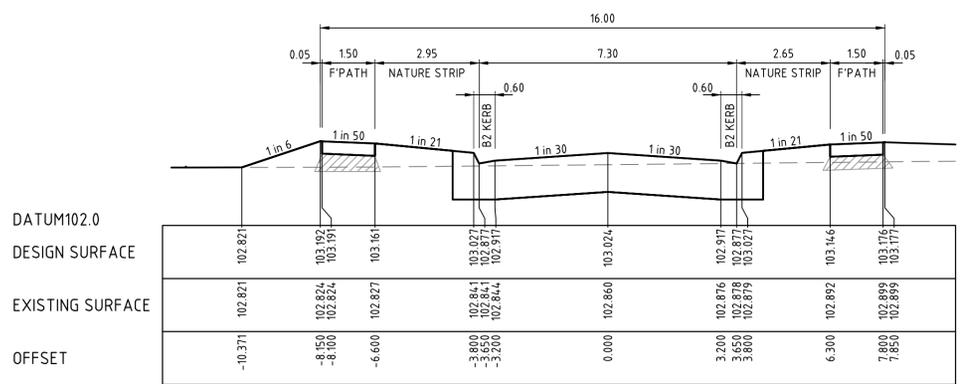
CH 48.613



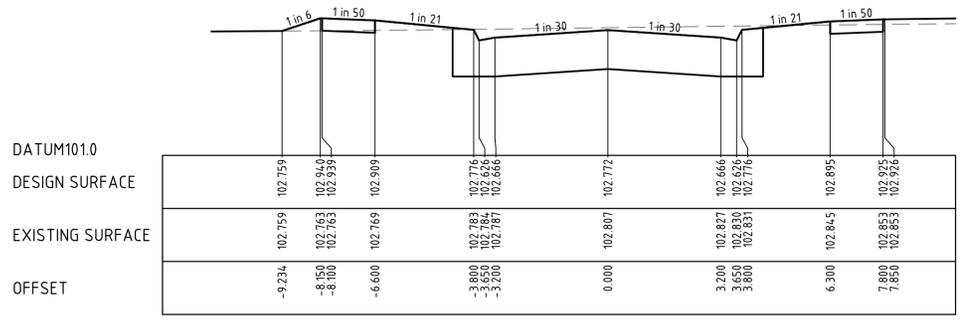
CH 31.613



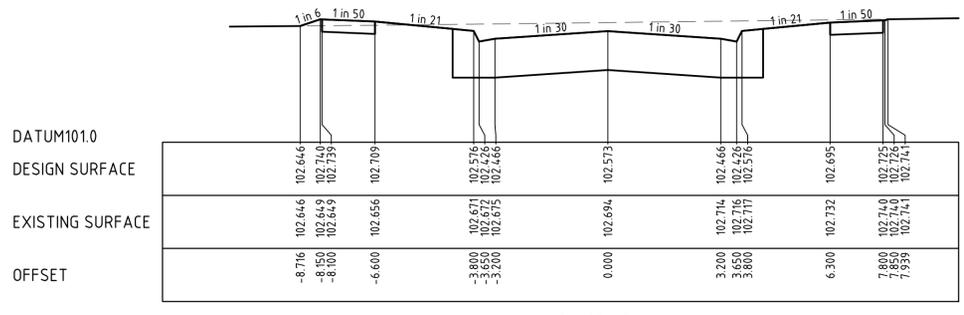
CH 12.712



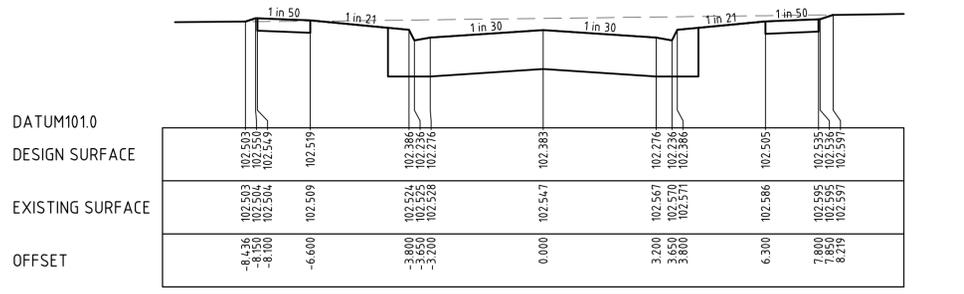
CH 150.742



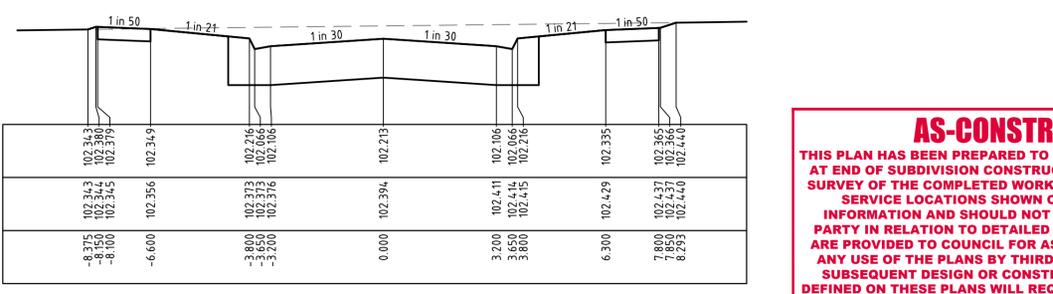
CH 125.579



CH 105.613



CH 86.613



CH 69.613

CROSS SECTIONS UTTAR WAY  
Scale H 1:100 V 1:50 @ A1

**AS-CONSTRUCTED PLAN**  
THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY FUTURE PARTY IN RELATION TO DETAILED DESIGN ACTIVITIES. THESE PLANS ARE PROVIDED TO COUNCIL FOR ASSET MANAGEMENT PURPOSES AND ANY USE OF THE PLANS BY THIRD PARTIES IS NOT PERMITTED. ANY SUBSEQUENT DESIGN OR CONSTRUCTION ACTIVITIES IN THE AREA DEFINED ON THESE PLANS WILL REQUIRE ADDITIONAL SITE SURVEY AND ASSET PROVING BY THE RELEVANT PARTY.

THIS DRAWING IS NOT TO BE COPIED OR SCALED

VERSION	REMARKS	DATE	BY
C	AS CONSTRUCTED	21.06.23	JZ
B	CONSTRUCTION ISSUE	21.04.22	JZ
A	PRELIMINARY ISSUE	XX.XX.XX	JZ

**LEGEND**

COMPACTED TYPE A STRUCTURAL MATERIAL IN ACCORDANCE WITH COUNCIL TECHNICAL SPEC. SECT. 204, FROM BASE OF PAVEMENT TO 150mm BELOW NATURAL SURFACE, WITH SIDE SLOPES 1 in 0.5 MAX.

DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
MELWAY	344, K12	CHECKED BY	L. PHAN
DATUM	AHD	AUTHORISED BY	S. RAVIDA

**REEDS CONSULTING**

LAND SURVEYING  
CIVIL ENGINEERING  
PLANNING  
DEVELOPMENT CONSULTING

www.reedsconsulting.com.au  
engineering@reedsconsulting.com.au

Lvl 16, 501 Swanston Street Melbourne Victoria 3000  
p (03) 8660 3000

Copyright © Reeds Consulting Pty Ltd  
All Rights Reserved 2021

CITY OF MELTON BRIDGEFIELD ESTATE, ROCKBANK STAGE 14 UTTAR WAY LONGITUDINAL AND CROSS SECTIONS		DRAWING No. <b>14R5</b>	VERSION <b>C</b>
		REFERENCE <b>22236E/14</b>	SHEET 5 OF 13

H:\22236 STAGE 14\CADD\DWG SET\ROAD AND DRAINAGE\22236\_14R4-7.DWG

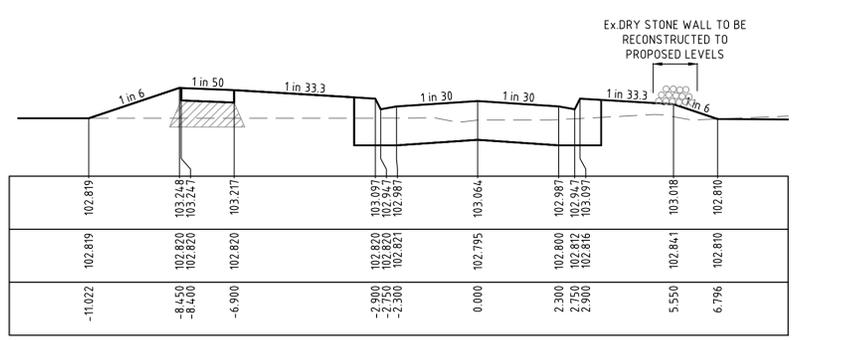
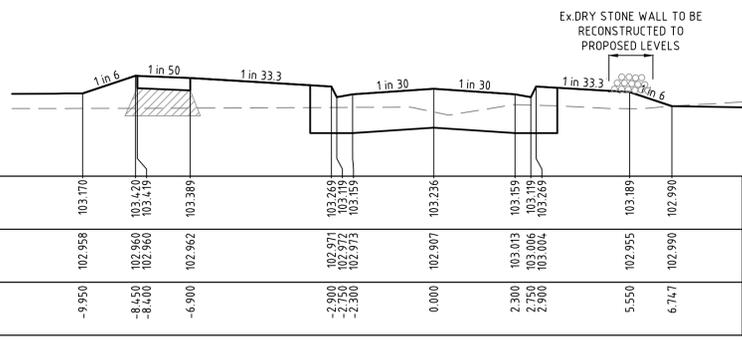
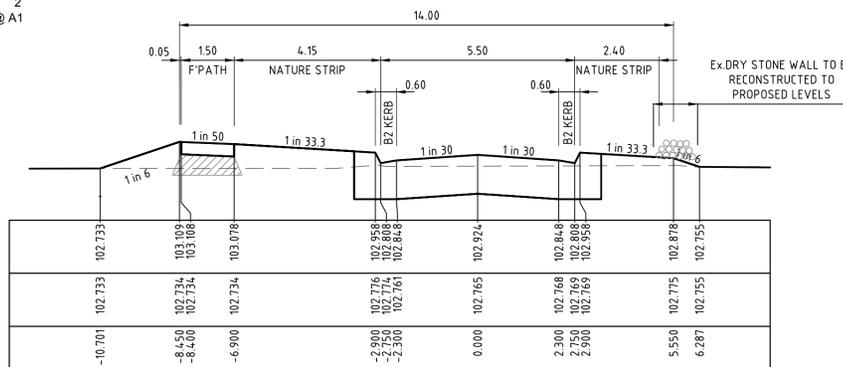
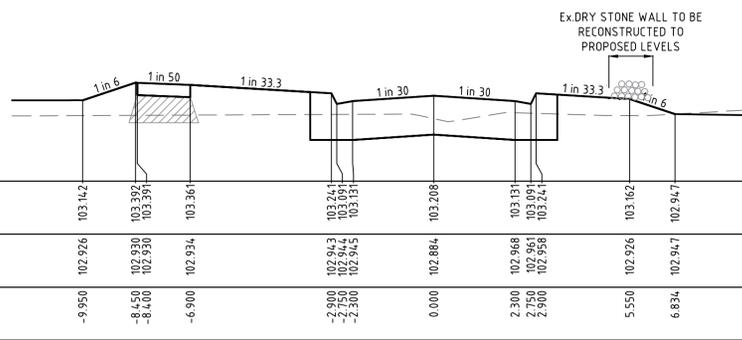
HORIZONTAL GEOMETRY  
VERTICAL GEOMETRY  
DESIGN GRADELINE

DATUM RL99.00

CHAINAGE	DESIGN CENTRELINE	RIGHT LIP OF KERB	PROPOSED SURFACE AT RIGHT BOUNDARY	LEFT LIP OF KERB	PROPOSED SURFACE AT LEFT BOUNDARY	EXISTING SURFACE
0	102.324					102.416
11.216	102.38	102.28	102.555	102.28	102.54	102.477
12.693	102.387	102.28	102.555	102.28	102.54	102.483
21.85	102.521	102.326	102.6	102.326	102.6	102.521
23.849	102.534	102.336	102.61	102.336	102.61	102.534
30.35	102.6	102.388	102.662	102.388	102.662	102.6
38.85	102.687	102.456	102.73	102.456	102.73	102.687
47.35	102.771	102.524	102.798	102.524	102.798	102.771
49.449	102.793	102.541	102.815	102.541	102.815	102.793
50	102.799	102.545	102.82	102.545	102.82	102.799
57.85	102.88	102.608	102.882	102.608	102.882	102.88
57.949	102.881	102.609	102.883	102.609	102.883	102.881
66.35	102.959	102.676	102.95	102.676	102.95	102.959
66.449	102.96	102.677	102.951	102.677	102.951	102.96
74.85	103.029	102.744	103.018	102.744	103.018	103.029
74.949	103.029	102.745	103.019	102.745	103.019	103.029
85.35	103.12	102.828	103.102	102.828	103.102	103.12
85.449	103.121	102.829	103.103	102.829	103.103	103.121
93.85	103.199	102.896	103.17	102.896	103.17	103.199
93.949	103.199	102.897	103.171	102.897	103.171	103.199
100	103.255	102.945	103.22	102.945	103.22	103.255
102.35	103.277	102.964	103.238	102.964	103.238	103.277
102.449	103.278	102.965	103.239	102.965	103.239	103.278
110.949	103.321	103.033	103.307	103.033	103.307	103.321
112.85	103.33	103.308	103.322	103.308	103.322	103.33
150	103.448	103.345	103.42	103.345	103.42	103.448
150.422	103.449	103.421	103.421	103.449	103.421	103.422
153.395	103.45	103.422	103.422	103.395	103.422	103.45
155.147	103.441	103.413	103.413	155.147	103.413	103.441
162.647	103.415	103.387	103.387	162.647	103.387	103.415
163.318	103.414	103.386	103.386	163.318	103.386	103.414
170.147	103.303	103.276	103.307	103.303	103.276	103.303
170.644	103.297	103.27	103.27	170.644	103.27	103.297
174.441	103.257	103.238	103.252	103.257	103.238	103.257
176.446	103.235	103.219	103.234	103.235	103.219	103.235
183.975	103.154	103.139	103.169	103.154	103.139	103.154
189.998	103.096	103.107	103.137	103.096	103.107	103.098
196.021	103.049	103.076	103.106	103.049	103.076	103.049
200	103.018	103.052	103.083	103.018	103.052	103.018
202.045	103.002	103.036	103.067	103.045	103.036	103.002
208.067	102.956	103.004	103.035	102.956	103.004	102.956
215.597	102.907	102.952	103.019	102.907	102.952	102.907
220.242	102.884	102.932	103.019	102.884	102.932	102.884
244.235	102.795	102.848	102.887	102.795	102.848	102.795
250	102.798	102.852	102.893	102.798	102.852	102.798
254.245	102.801	102.855	102.897	102.801	102.855	102.801
267.49	102.765	102.82	102.861	102.765	102.82	102.765
267.556	102.764	102.819	102.86	102.764	102.819	102.764

LONGITUDINAL SECTION DELHI GROVE

0 5 10 20  
0 0.5 1 2  
Scale H 1:500 V 1:50 @ A1



CROSS SECTIONS DELHI GROVE

0 1 2 4  
0 0.5 1 2  
Scale H 1:100 V 1:50 @ A1

**AS-CONSTRUCTED PLAN**  
THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY FUTURE PARTY IN RELATION TO DETAILED DESIGN ACTIVITIES. THESE PLANS ARE PROVIDED TO COUNCIL FOR ASSET MANAGEMENT PURPOSES AND ANY USE OF THE PLANS BY THIRD PARTIES IS NOT PERMITTED. ANY SUBSEQUENT DESIGN OR CONSTRUCTION ACTIVITIES IN THE AREA DEFINED ON THESE PLANS WILL REQUIRE ADDITIONAL SITE SURVEY AND ASSET PROVING BY THE RELEVANT PARTY.

H:\22236\STAGE 14\CADD\DWG SET\ROAD AND DRAINAGE\22236\_14R4-7.DWG

THIS DRAWING IS NOT TO BE COPIED OR SCALED

VERSION	REMARKS	DATE	BY
C	AS CONSTRUCTED	21.06.23	JZ
B	CONSTRUCTION ISSUE	21.04.22	JZ
A	PRELIMINARY ISSUE	XX.XX.XX	JZ

LEGEND



COMPACTED TYPE A STRUCTURAL MATERIAL IN ACCORDANCE WITH COUNCIL TECHNICAL SPEC. SECT. 204, FROM BASE OF PAVEMENT TO 150mm BELOW NATURAL SURFACE, WITH SIDE SLOPES 1 in 0.5 MAX.

DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
CHECKED BY	L. PHAN	AUTHORISED BY	S. RAVIDA
DATUM	AHD		



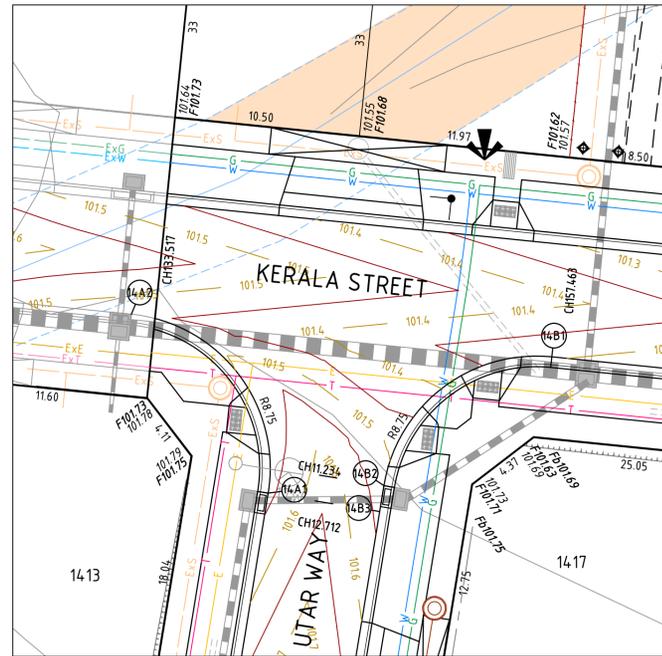
www.reedsconsulting.com.au  
engineering@reedsconsulting.com.au

LAND SURVEYING  
CIVIL ENGINEERING  
PLANNING  
DEVELOPMENT CONSULTING

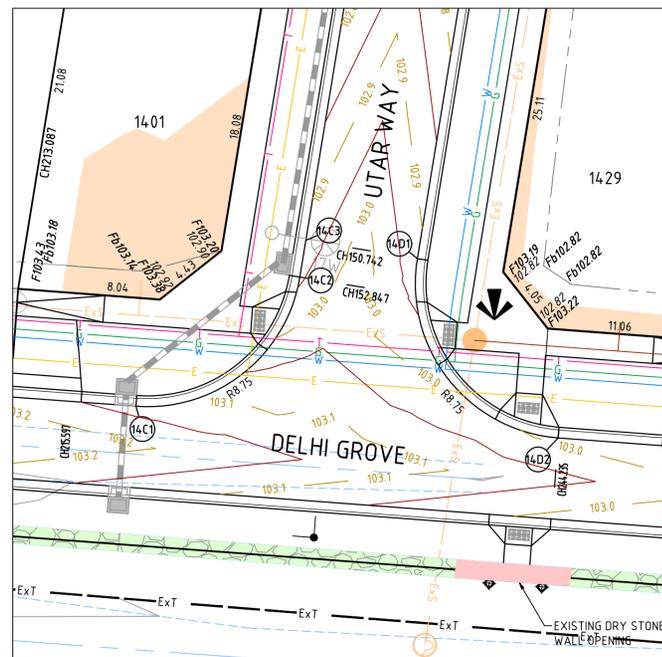
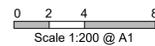
Lvl 16, 501 Swanston Street Melbourne Victoria 3000  
p (03) 8660 3000  
Copyright © Reeds Consulting Pty Ltd  
All Rights Reserved 2021

CITY OF MELTON  
BRIDGEFIELD ESTATE, ROCKBANK  
STAGE 14  
DELHI GROVE  
LONGITUDINAL AND CROSS SECTIONS

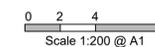
DRAWING No.	14R6	VERSION	C
REFERENCE	22236E/14		
SHEET	6 OF 13		



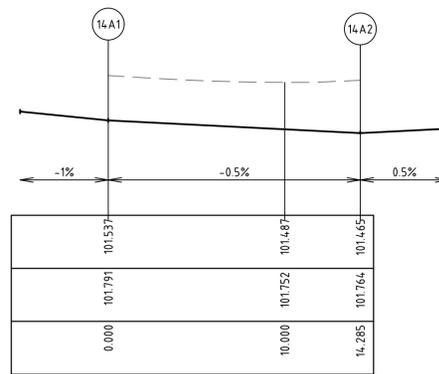
UTAR WAY & KERALA STREET INTERSECTION DETAIL



UTAR WAY & DELHI GROVE INTERSECTION DETAIL

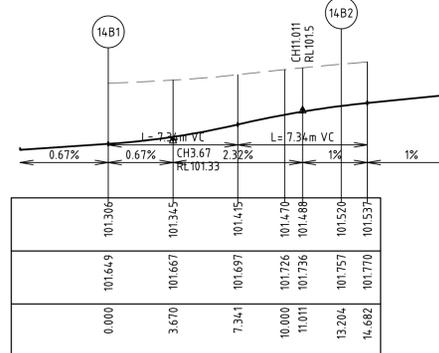


VERTICAL GEOMETRY  
DATUM RL101  
DESIGN LEVEL  
EXISTING SURFACE  
CHAINAGE



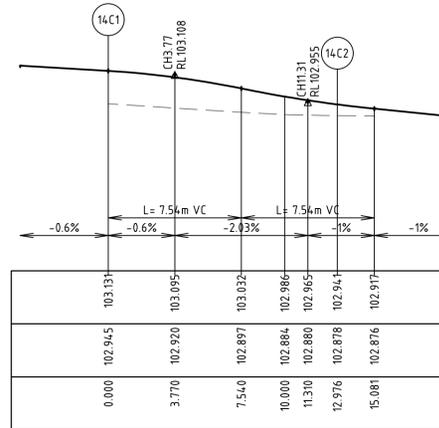
LIP LINE 14A

VERTICAL GEOMETRY  
DATUM RL101  
DESIGN LEVEL  
EXISTING SURFACE  
CHAINAGE



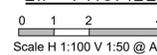
LIP LINE 14B

VERTICAL GEOMETRY  
DATUM RL102  
DESIGN LEVEL  
EXISTING SURFACE  
CHAINAGE

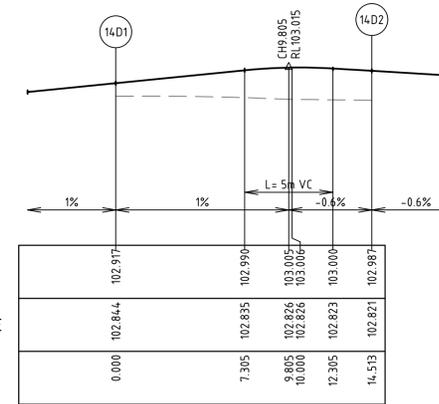


LIP LINE 14C

LIP PROFILE



VERTICAL GEOMETRY  
DATUM RL102  
DESIGN LEVEL  
EXISTING SURFACE  
CHAINAGE



LIP LINE 14D

Alignment 14A

Point no	Easting	Northing	RL
14A1	294.197.945	5820165.637	101.537
14A2	294.190.191	5820175.759	101.465

Curve no	I	Radius	Arc	A	B	X	Y	l	Mid point RL
14A1 - 14A2	93.537	8.750	14.285	2.757	2.038	3.473	2.902	3.571	101.501

Alignment 14B

Point no	Easting	Northing	RL
14B1	294.214.015	5820173.348	101.306
14B2	294.204.499	5820166.059	101.520
14B3	294.204.260	5820164.601	101.537

Curve no	I	Radius	Arc	A	B	X	Y	l	Mid point RL
14B1 - 14B2	86.463	8.750	13.204	2.375	1.759	3.223	2.770	3.301	101.399

Alignment 14C

Point no	Easting	Northing	RL
14C1	294.165.974	5820020.041	103.131
14C2	294.175.262	5820027.350	102.941
14C3	294.175.603	5820029.427	102.917

Curve no	I	Radius	Arc	A	B	X	Y	l	Mid point RL
14C1 - 14C2	84.968	8.750	12.976	2.297	1.703	3.170	2.739	3.244	103.052

Alignment 14D

Point no	Easting	Northing	RL
14D1	294.181.918	5820028.391	102.917
14D2	294.189.899	5820018.249	102.987

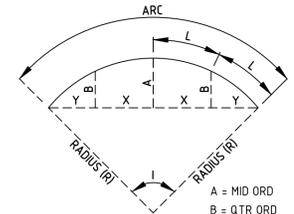
Curve no	I	Radius	Arc	A	B	X	Y	l	Mid point RL
14D1 - 14D2	95.032	8.750	14.513	2.840	2.099	3.525	2.928	3.628	102.990

LEGEND

- 108.4 PAVEMENT CONTOURS
- ALIGNMENT SETOUT POINT
- TACTILE GROUND SURFACE INDICATORS (TSGI) - REFER COUNCIL STD SD 3-1 & AS1428.4
- TSGI LATERAL MARKER
- TSGI DIRECTIONAL MARKER
- TSGI WARNING MARKER

NOTES

1. ALL DIMENSIONS REFER TO INVERT OF KERB UNLESS NOTED OTHERWISE.
2. SIGNS, LINEMARKING AND RRPMS SHALL BE INSTALLED IN ACCORDANCE WITH AS1742 "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" UNLESS INDICATED OTHERWISE.
3. PLANS SHALL BE READ IN CONJUNCTION WITH SHEET 2 AND M.O.C.S. AS-CONSTRUCTED DATA FOR SERVICES.



CURVE SETOUT KEY

1. ALL DIMENSIONS, SETOUT POINTS AND RADI REFER TO LIP OF KERB UNLESS NOTED OTHERWISE.

WARNING

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

AS-CONSTRUCTED ISSUE

THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY FUTURE PARTY IN RELATION TO DETAILED DESIGN ACTIVITIES. THESE PLANS ARE PROVIDED TO COUNCIL FOR ASSET MANAGEMENT PURPOSES AND ANY USE OF THE PLANS BY THIRD PARTIES IS NOT PERMITTED. ANY SUBSEQUENT DESIGN OR CONSTRUCTION ACTIVITIES IN THE AREA DEFINED ON THESE PLANS WILL REQUIRE ADDITIONAL SITE SURVEY AND ASSET PROVING BY THE RELEVANT PARTY.

THIS DRAWING IS NOT TO BE COPIED OR SCALED

VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	CONSTRUCTION ISSUE	21.04.22	JZ
B	LOT LAYOUT AMENDED	10.12.21	JZ
A	PRELIMINARY ISSUE	18.06.21	JZ

LEGEND
DRAIN, PROPERTY INLET & PIT
EX DRAIN & PIT
HOUSE DRAIN
SEWER AND MAINTENANCE HOLE
EX SEWER AND MAINTENANCE HOLE
WATER MAIN
EX WATER MAIN, VALVE & HYDRANT
GAS MAIN
EX GAS MAIN, VALVE
TELSTRA SERVICES & PITS
EX TELSTRA SERVICES & PITS
RECYCLED WATER
EX RECYCLED WATER
ELECTRICAL U.G. SERVICES
EX ELECTRICAL U.G. SERVICES
ELECTRICAL SERVICE & PIT
EX ELECTRICAL ASSETS
EX ELECTRICAL OVERHEADS
GAS & WATER CONDUITS
TOP OF BATTER
TOE OF BATTER
FINISHED SURFACE AFTER CUTTING OR FILLING
TOP OF PROPOSED BATTER
PROPOSED PAVEMENT OR FOOTPATH SURFACE
EXISTING OR PROPOSED INVERT LEVEL OF PIPE OR OPEN DRAIN
TANGENT POINT
CHAINAGE
PSM
STREET SIGN
DRAINAGE PIT No.
TBM
EX FENCE
EX WALL OR BUILDING

DRAWN BY	DESIGNED BY
N. KASHA	J. ZHOU
CHECKED BY	AUTHORISED BY
L. PHAN	S. RAVIDA

DATUM	DRAWN BY	DESIGNED BY	CHECKED BY	AUTHORISED BY
AHD	N. KASHA	J. ZHOU	L. PHAN	S. RAVIDA

**REEDS CONSULTING**  
www.reedsconsulting.com.au  
engineering@reedsconsulting.com.au

LAND SURVEYING  
CIVIL ENGINEERING  
PLANNING  
DEVELOPMENT CONSULTING

CITY OF MELTON  
BRIDGEFIELD ESTATE, ROCKBANK  
STAGE 14  
INTERSECTION DETAILS AND LIP PROFILE

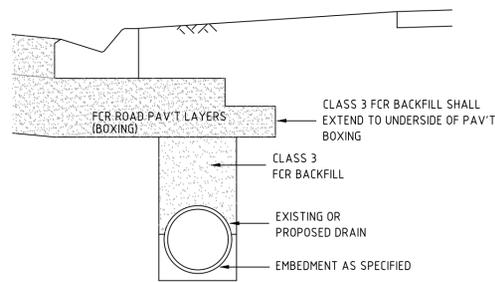
DRAWING No.	VERSION
14R8	D
REFERENCE	SHEET
22236E/14	8 OF 13

PIT SCHEDULE

PIT NUMBER	TYPE	INTERNAL WIDTH (mm)	LENGTH (mm)	PIT SCHEDULE		INVERT R.L.(m)	F.S.L. (m)	DEPTH (m)	STANDARD DRAWING	REMARKS
				INLET DIAMETER (mm)	OUTLET DIAMETER (mm)					
166	JUNCTION PIT	600	900	300	300	101.365	103.012	1.722	EDCM 605	
167	SIDE ENTRY PIT GRATED	600	900	300	300	101.425	103.258	1.833	EDCM 601	
168	SIDE ENTRY PIT GRATED	600	900	300	300	101.585	103.231	1.646	EDCM 601	
169	SIDE ENTRY PIT GRATED	600	900	300	300	100.746	102.397	1.652	EDCM 601	
179	JUNCTION PIT	600	900	225	300	100.939	102.100	1.235	EDCM 605	
180	JUNCTION PIT	600	900	225	225	101.652	102.667	1.014	EDCM 605	
181	JUNCTION PIT	600	900	225	225	101.868	102.719	0.851	EDCM 605	
182	JUNCTION PIT	600	900	225	225	100.443	101.044	0.601	EDCM 605	
161	SIDE ENTRY PIT GRATED	600	900	375	375	99.809	101.610	1.877	EDCM 601	CONVERT Ex. JP TO SEPG
162	SIDE ENTRY PIT GRATED	600	900	375	375	99.970	101.674	1.779	EDCM 601	CONVERT Ex. JP TO SEPG
164	SIDE ENTRY PIT GRATED	600	900	300	375	100.659	102.381	1.797	EDCM 601	CONVERT Ex. JP TO SEPG
90	SIDE ENTRY PIT GRATED	1200	900	900	900	98.932	101.300	2.443	EDCM 601	CONVERT Ex. JP TO SEPG
90A	SIDE ENTRY PIT GRATED	600	900	525	525	99.070	100.320	2.280	EDCM 601	CONVERT Ex. JP TO SEPG

LEGEND

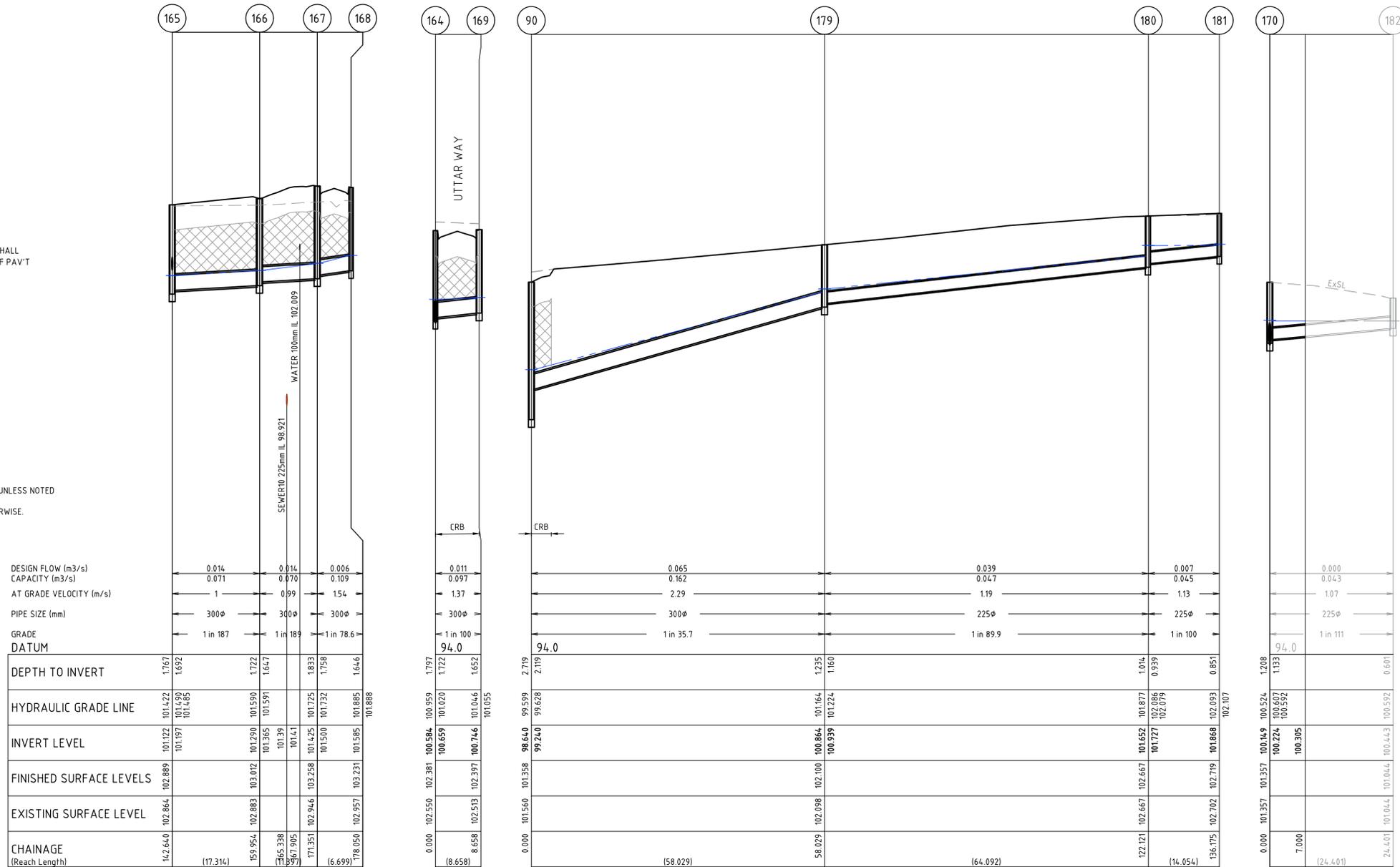
- EXISTING SURFACE
- FINISHED SURFACE
- FUTURE SURFACE
- HYDRAULIC GRADE LINE
- CLASS 3 FCR BACKFILL (REFER "DRAINAGE TRENCH BACKFILL" DETAIL BELOW).



DRAINAGE TRENCH BACKFILL  
TYPICAL DETAIL  
NOT TO SCALE

PIT SCHEDULE NOTES

- EASTING AND NORTHING REFER TO CENTRE OF BASE OF PIT UNLESS NOTED OTHERWISE.
- "FIN RL" REFERS TO FINISHED LEVEL OF PIT LID AT CENTRE OF LID UNLESS NOTED OTHERWISE.
- "LEN" = LENGTH OF PIT AND REFERS TO THE (INTERNAL) DIMENSION PARALLEL TO BACK OF KERB, UNLESS NOTED OTHERWISE.
- "STD DWG" REFERS TO MPA AND MELBOURNE WATER STANDARD DRAWINGS UNLESS NOTED OTHERWISE.

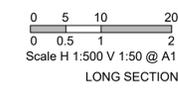


**AS-CONSTRUCTED ISSUE**  
THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY FUTURE PARTY IN RELATION TO DETAILED DESIGN ACTIVITIES. THESE PLANS ARE PROVIDED TO COUNCIL FOR ASSET MANAGEMENT PURPOSES AND ANY USE OF THE PLANS BY THIRD PARTIES IS NOT PERMITTED. ANY SUBSEQUENT DESIGN OR CONSTRUCTION ACTIVITIES IN THE AREA DEFINED ON THESE PLANS WILL REQUIRE ADDITIONAL SITE SURVEY AND ASSET PROVING BY THE RELEVANT PARTY.

H:\22236\STAGE 14\CA\DWG SET\ROAD AND DRAINAGE\22236\_14R9.DWG

THIS DRAWING IS NOT TO BE COPIED OR SCALED

VERSION	REMARKS	DATE	BY
E	AS CONSTRUCTED	21.06.23	JZ
D	PIT 90A ADDED	04.07.22	JZ
C	CONSTRUCTION ISSUE	21.04.22	JZ
B	LOT LAYOUT AMENDED	10.12.21	JZ
A	PRELIMINARY ISSUE	18.06.21	JZ



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

DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
MELWAY	344, K12	CHECKED BY	L. PHAN
DATUM	AHD	AUTHORISED BY	S. RAVIDA

**REEDS CONSULTING**  
LAND SURVEYING  
CIVIL ENGINEERING  
PLANNING  
DEVELOPMENT CONSULTING

www.reedsconsulting.com.au  
engineering@reedsconsulting.com.au

Lvl 16, 501 Swanston Street Melbourne Victoria 3000  
p (03) 8660 3000

Copyright © Reeds Consulting Pty Ltd  
All Rights Reserved 2021

CITY OF MELTON  
BRIDGEFIELD ESTATE, ROCKBANK  
STAGE 14  
DRAINAGE LONGITUDINAL SECTIONS  
AND PITSCHEDULE

DRAWING No.	14R9	VERSION	E
REFERENCE	22236E/14		
SHEET	9	OF	13

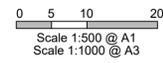
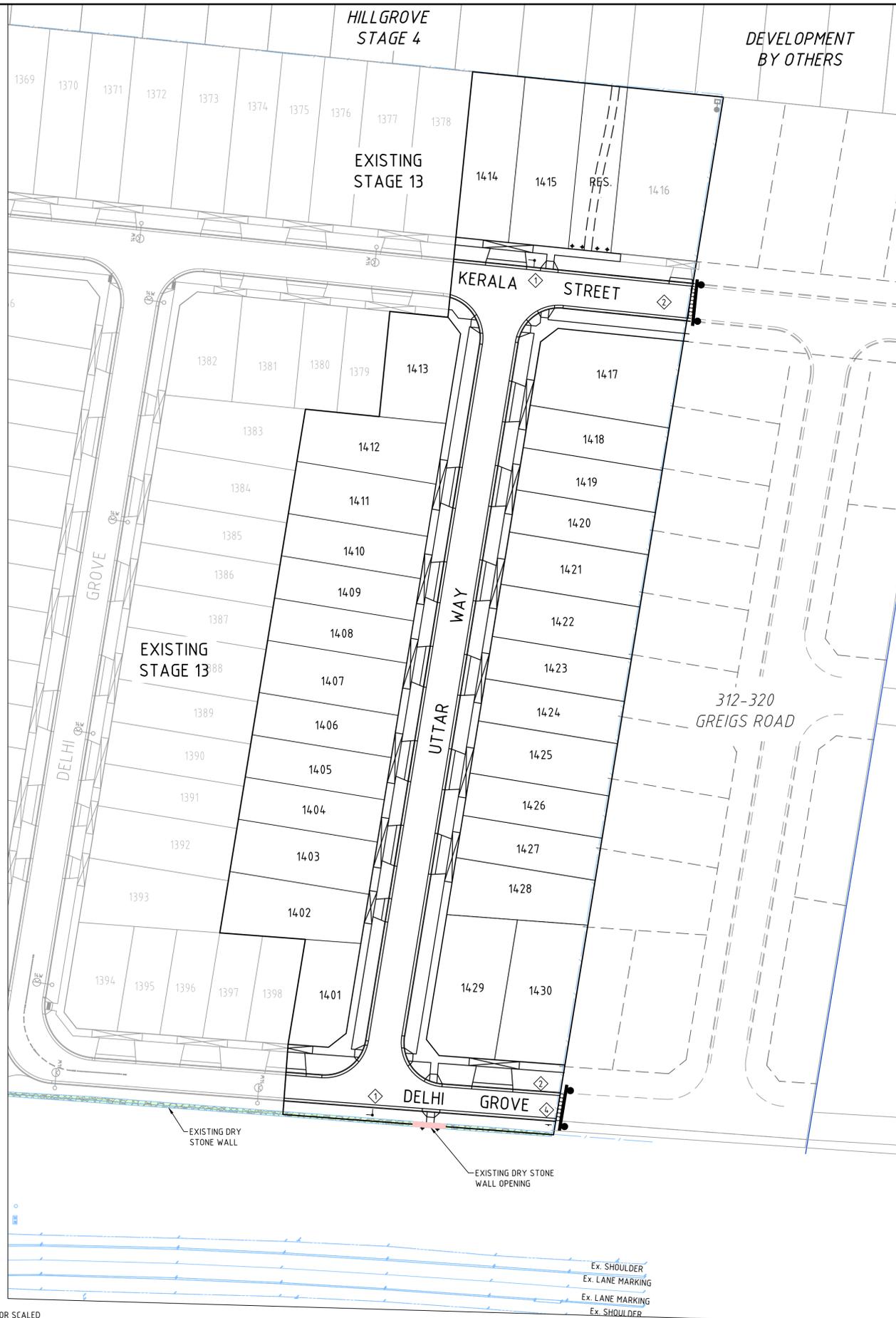
**NOTES**

1. SIGNS, LINEMARKING AND RRPMS SHALL BE INSTALLED IN ACCORDANCE WITH AS1742 "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" UNLESS INDICATED OTHERWISE.
2. PEDESTRIAN CROSSING KERB RAMP ARE TO BE AS PER MCC 403.

-  RAISED REFLECTIVE PAVEMENT MARKERS
-  TACTILE GROUND SURFACE INDICATORS (TGSI) TO BE INSTALLED AT LOCATIONS SHOWN ON THE APPROVED PLANS, IN ACCORDANCE WITH AS1428.4
-  TGSI LATERAL MARKER
-  TGSI DIRECTIONAL MARKER
-  TGSI WARNING MARKER

**LEGEND**

-  STREET NAME SIGNS
-  ROAD CLOSED 69-20 "ROAD CLOSED" & OBSTRUCTION MARKER
-  D4-5
-  R5-40 NO PARKING



**AS-CONSTRUCTED ISSUE**

THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY FUTURE PARTY IN RELATION TO DETAILED DESIGN ACTIVITIES. THESE PLANS ARE PROVIDED TO COUNCIL FOR ASSET MANAGEMENT PURPOSES AND ANY USE OF THE PLANS BY THIRD PARTIES IS NOT PERMITTED. ANY SUBSEQUENT DESIGN OR CONSTRUCTION ACTIVITIES IN THE AREA DEFINED ON THESE PLANS WILL REQUIRE ADDITIONAL SITE SURVEY AND ASSET PROVING BY THE RELEVANT PARTY.

THIS DRAWING IS NOT TO BE COPIED OR SCALED

VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	CONSTRUCTION ISSUE	21.04.22	JZ
B	LOT LAYOUT AMENDED	10.12.21	JZ
A	PRELIMINARY ISSUE	18.06.21	JZ

DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
MELWAY	344, K12	CHECKED BY	L. PHAN
DATUM	AHD	AUTHORISED BY	S. RAVIDA

**REEDS CONSULTING**

LAND SURVEYING  
CIVIL ENGINEERING  
PLANNING  
DEVELOPMENT CONSULTING

www.reedsconsulting.com.au  
engineering@reedsconsulting.com.au

Lvl 16, 501 Swanston Street Melbourne Victoria 3000  
p (03) 8660 3000

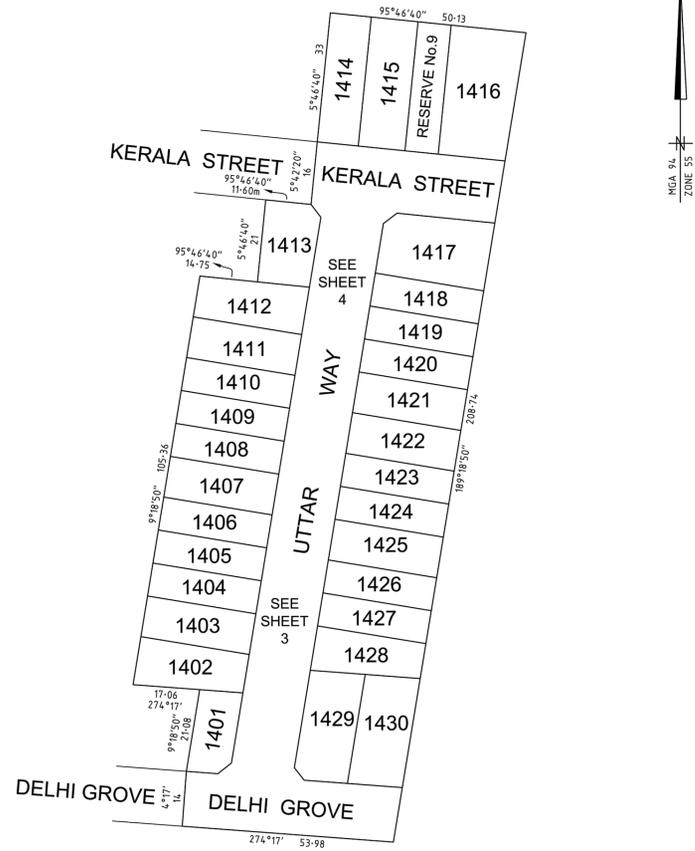
Copyright © Reeds Consulting Pty Ltd  
All Rights Reserved 2021

CITY OF MELTON BRIDGEFIELD ESTATE, ROCKBANK STAGE 14 SIGNAGE & LINEMARKING PLAN		DRAWING No. <b>14R10</b>	VERSION <b>D</b>
		REFERENCE <b>22236E/14</b>	SHEET 10 OF 13

H:\22236\STAGE 14\CA\DWG SET\ROAD AND DRAINAGE\22236\_14R10.DWG

**PLAN OF SUBDIVISION**  
Under Section 37 of the Subdivision Act 1988

PLAN NUMBER  
**PS806375M/S8**



SCALE 1:750  
LENGTHS ARE IN METRES

ORIGINAL SHEET SIZE: A3 SHEET 2

GABRIELLE MCCARTHY VERSION E

**PLAN OF SUBDIVISION**  
Under Section 37 of the Subdivision Act 1988

PLAN NUMBER  
**PS806375M/S8**



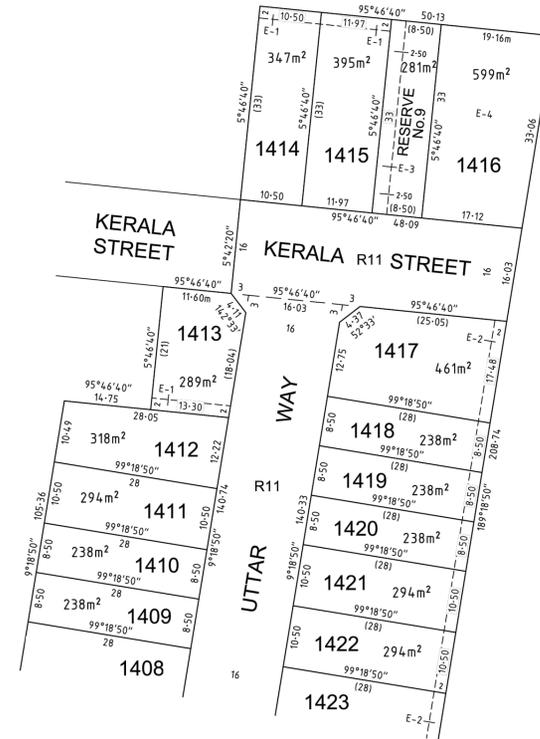
SCALE 1:500  
LENGTHS ARE IN METRES

ORIGINAL SHEET SIZE: A3 SHEET 3

GABRIELLE MCCARTHY VERSION E

**PLAN OF SUBDIVISION**  
Under Section 37 of the Subdivision Act 1988

PLAN NUMBER  
**PS806375M/S8**



SCALE 1:500  
LENGTHS ARE IN METRES

ORIGINAL SHEET SIZE: A3 SHEET 4

GABRIELLE MCCARTHY VERSION E

**AS-CONSTRUCTED ISSUE**  
THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY FUTURE PARTY IN RELATION TO DETAILED DESIGN ACTIVITIES. THESE PLANS ARE PROVIDED TO COUNCIL FOR ASSET MANAGEMENT PURPOSES AND ANY USE OF THE PLANS BY THIRD PARTIES IS NOT PERMITTED. ANY SUBSEQUENT DESIGN OR CONSTRUCTION ACTIVITIES IN THE AREA DEFINED ON THESE PLANS WILL REQUIRE ADDITIONAL SITE SURVEY AND ASSET PROVING BY THE RELEVANT PARTY.

THIS DRAWING IS NOT TO BE COPIED OR SCALED

VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	CONSTRUCTION ISSUE	21.04.22	JZ
B	POS UPDATED	02.02.22	JZ
A	PRELIMINARY ISSUE	18.06.21	JZ

DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
MELWAY	344, K12	CHECKED BY	L. PHAN
DATUM	AHD	AUTHORISED BY	S. RAVIDA



www.reedsconsulting.com.au  
engineering@reedsconsulting.com.au

LAND SURVEYING  
CIVIL ENGINEERING  
PLANNING  
DEVELOPMENT CONSULTING

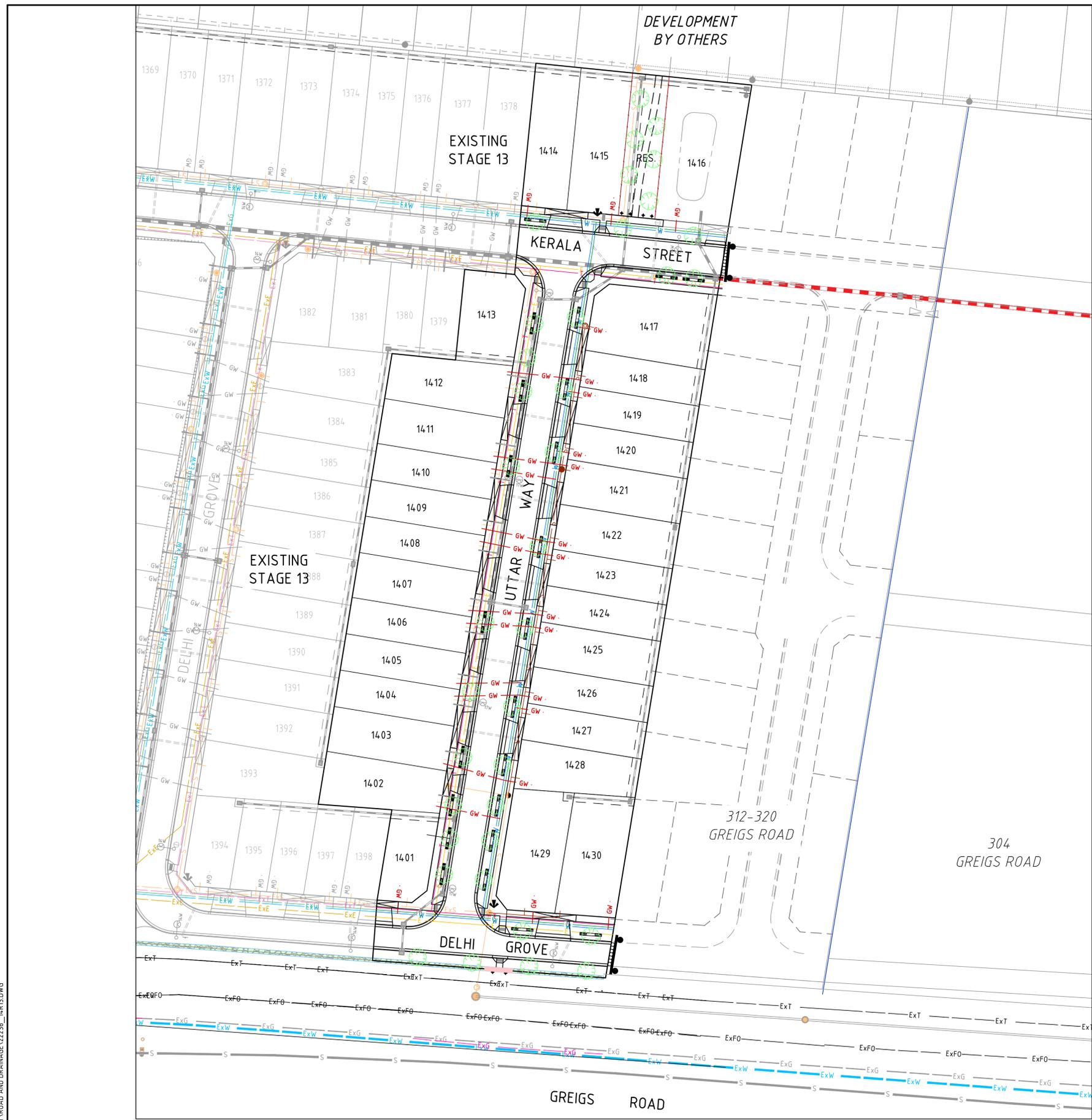
Lvl 16, 501 Swanston Street Melbourne Victoria 3000  
p (03) 8660 3000  
Copyright © Reeds Consulting Pty Ltd  
All Rights Reserved 2001

CITY OF MELTON  
BRIDGEFIELD ESTATE, ROCKBANK  
STAGE 14  
PLAN OF SUBDIVISION

DRAWING No.	14R11	VERSION	D
REFERENCE	22236E/14		
SHEET	11 OF 13		

H:\22236E STAGE 14\CAD\DWG SET\ROAD AND DRAINAGE\22236\_14R11.DWG





**LEGEND**

- GW — PROPOSED GAS & WATER CONDUITS
- ET — PROPOSED ELECT. & TELECOMM. CONDUITS
- ◆◆◆◆◆ PROPOSED BOLLARDS AS PER LANDSCAPE PLAN
- EXISTING DRY STONE WALL TO BE RETAINED
- EXISTING DRY STONE WALLS TO BE STOCKPILED ON SITE AS DIRECTED BY THE SUPERINTENDENT. TO BE RE-CONSTRUCTED BY OTHERS.
- EXISTING DRY STONE WALL TO BE REMOVED AND STOCKPILED ON SITE AS DIRECTED BY THE SUPERINTENDENT. EXISTING DRY STONE WALLS TO BE RE-CONSTRUCTED ELSEWHERE ON SITE BY OTHERS.
- PROPOSED PASSIVE STREET TREE IRRIGATION GRAVEL TRENCH (KERB INLET DIVERSION). LOCATION SHOWN INDICATIVELY. REFER TO STREET TREE PLANS FOR LOCATION.

**EXISTING TREES, FENCES AND STRUCTURES:**

- ALL EXISTING TREES ARE TO BE REMOVED AS PER TREES REMOVAL REPORT.
- ALL EXISTING FENCES AND STRUCTURES ARE TO BE REMOVED.

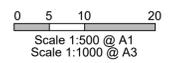
OVERHEAD ELECTRICAL LINE (TO BE REMOVED) WORK PRACTICES TO BE IN ACCORDANCE WITH "RULES FOR OPERATING NEAR OVERHEAD POWER LINES" ISSUED BY OFFICE OF THE CHIEF ELECTRICAL INSPECTOR

**WARNING**

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

**AS-CONSTRUCTED ISSUE**

THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY FUTURE PARTY IN RELATION TO DETAILED DESIGN ACTIVITIES. THESE PLANS ARE PROVIDED TO COUNCIL FOR ASSET MANAGEMENT PURPOSES AND ANY USE OF THE PLANS BY THIRD PARTIES IS NOT PERMITTED. ANY SUBSEQUENT DESIGN OR CONSTRUCTION ACTIVITIES IN THE AREA DEFINED ON THESE PLANS WILL REQUIRE ADDITIONAL SITE SURVEY AND ASSET PROVING BY THE RELEVANT PARTY.



THIS DRAWING IS NOT TO BE COPIED OR SCALED

VERSION	REMARKS	DATE	BY
F	AS CONSTRUCTED	21.06.23	JZ
E	TREE & WATER CONDUIT LOCATION AMENDED	14.09.22	JZ
D	TREE LOCATION AMENDED	04.07.22	JZ
C	CONSTRUCTION ISSUE	21.04.22	JZ
B	LOT LAYOUT AMENDED	10.12.21	JZ

**LEGEND**

- RW — RECYCLED WATER
- ExRW — EX RECYCLED WATER
- E — ELECTRICAL U.G. SERVICES
- ExE — EX ELECTRICAL U.G. SERVICES
- G — GAS MAIN
- ExG — EX GAS MAIN
- W — WATER MAIN, VALVE & HYDRANT
- ExW — EX WATER MAIN, VALVE & HYDRANT
- S — SEWER AND MAINTENANCE HOLE
- ExS — EX SEWER AND MAINTENANCE HOLE
- L — LIGHT POLE & PIT
- ExL — EX LIGHT POLE & PIT
- O — OVERHEAD ELECTRICAL SERVICES
- ExO — EX OVERHEAD ELECTRICAL SERVICES
- GW — GAS & WATER CONDUITS
- ExGW — EX GAS & WATER CONDUITS
- F — FINISHED SURFACE AFTER CUTTING OR FILLING
- Fd — TOP OF PROPOSED BATTER
- P — PROPOSED PAVEMENT OR FOOTPATH SURFACE
- IL — EXISTING OR PROPOSED INVERT LEVEL OF PIPE OR OPEN DRAIN
- TP — TANGENT POINT
- CH — CHAINAGE
- PSM — STREET SIGN DRAINAGE PIT No. TBM
- EX FENCE — EX FENCE
- EX WALL OR BUILDING — EX WALL OR BUILDING

DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
CHECKED BY	L. PHAN	AUTHORISED BY	S. RAVIDA
DATUM	AHD		

**REEDS CONSULTING**

www.reedsconsulting.com.au  
engineering@reedsconsulting.com.au

Lvl 16, 501 Swanston Street Melbourne Victoria 3000  
p (03) 8660 3000

LAND SURVEYING  
CIVIL ENGINEERING  
PLANNING  
DEVELOPMENT CONSULTING

CITY OF MELTON  
BRIDGEFIELD ESTATE, ROCKBANK  
STAGE 14  
PASSIVE IRRIGATION LAYOUT PLAN

DRAWING No.	14R13	VERSION	F
REFERENCE	22236E/14		
SHEET	13	OF	13

H:\22236E\STAGE 14\CAD\DWG\SET\ROAD AND DRAINAGE\22236\_14R13.DWG