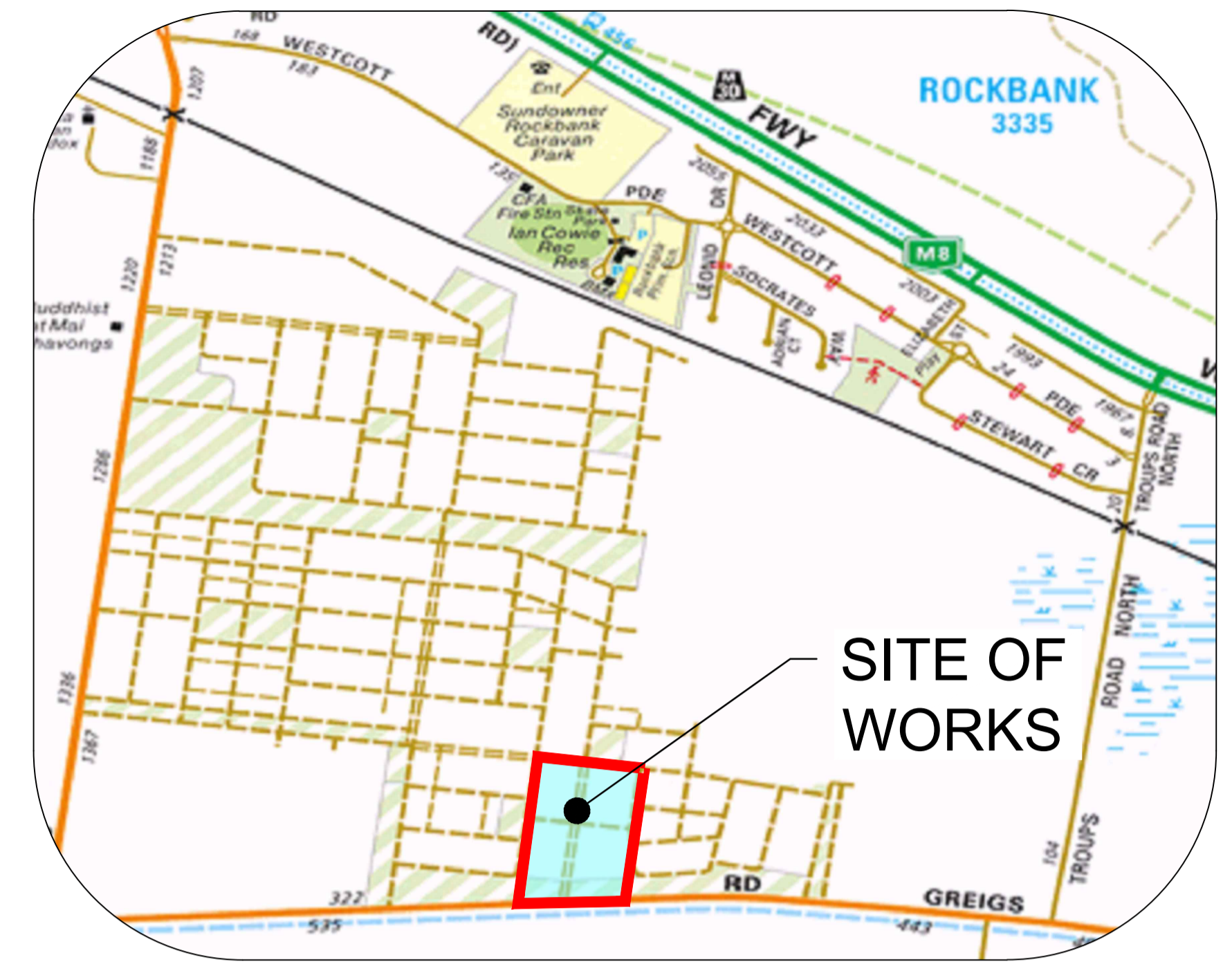
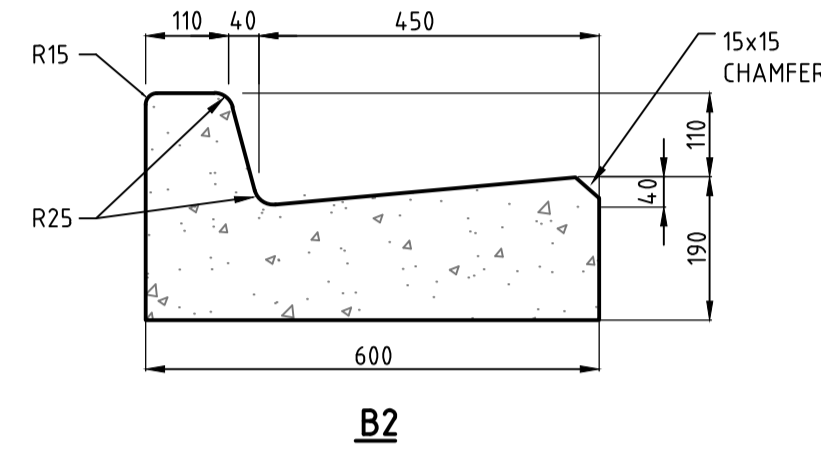


GENERAL NOTES:

- 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
13R1	GENERAL NOTES, LOCALITY PLAN & DRAWING INDEX
13R2	PAVEMENT COMPOSITION
13R3	LAYOUT PLAN - 1
13R4	LAYOUT PLAN - 2 REMOVED
13R5	LAYOUT PLAN - 3
13R6	FUCHSIA DRIVE: LONGITUDINAL AND CROSS SECTIONS
13R7	INNOVATION AVENUE: LONGITUDINAL AND CROSS SECTIONS - 1
13R8	INNOVATION AVENUE: CROSS SECTIONS - 2
13R9	KERALA STREET: LONGITUDINAL AND CROSS SECTIONS
13R10	DELHI GROVE: LONGITUDINAL AND CROSS SECTIONS - 1
13R11	DELHI GROVE: CROSS SECTIONS - 2
13R12	SUNDAR PLACE: LONGITUDINAL AND CROSS SECTIONS
13R13	PATEL PLACE: LONGITUDINAL AND CROSS SECTIONS
13R14	AUNTY LANE: LONGITUDINAL AND CROSS SECTIONS REMOVED
13R15	UNCLE LANE: LONGITUDINAL AND CROSS SECTIONS REMOVED
13R16	INTERSECTION DETAILS AND KERB SETOUT - 1
13R17	INTERSECTION DETAILS AND KERB SETOUT - 2
13R18	INTERSECTION DETAILS AND KERB SETOUT - 3
13R19	INTERSECTION DETAILS AND KERB SETOUT - 4 TEMPORARILY EXCLUDED
13R20	INTERSECTION DETAILS AND KERB SETOUT - 5 TEMPORARILY EXCLUDED
13R21	INTERSECTION DETAILS AND KERB SETOUT - 6 TEMPORARILY EXCLUDED
13R22	DRAINAGE LONG SECTIONS - 1 REMOVED
13R23	DRAINAGE LONG SECTIONS - 2
13R24	DRAINAGE LONG SECTIONS - 3
13R25	DRAINAGE LONG SECTIONS - 4
13R26	DRAINAGE LONG SECTIONS - 5
13R27	DRAINAGE LONG SECTIONS - 6 AND PIT SCHEDULE
13R28	SIGNAGE & LINEMARKING PLAN - 1
13R29	SIGNAGE & LINEMARKING PLAN - 2
13R30	PLAN OF SUBDIVISION - 1
13R31	PLAN OF SUBDIVISION - 2
13R32	GRAVEL TRENCH (KERB INLET DIVERSION DETAILS)
13R33	PASSIVE IRRIGATION LAYOUT PLAN
13R34	AGRICULTURAL DRAIN PLAN TEMPORARILY EXCLUDED
13R35	LANEWAY CONSTRUCTION JOINT DETAILS - 1
13R36	LANEWAY CONSTRUCTION JOINT DETAILS - 2



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
FUCHSIA DRIVE	2.10 S	2.60 S	2.35 N	2.90 N	N/A	0.80 B.O.K.	20.00
INNOVATION AVENUE	2.10 E	2.75 E	1.85 W	2.60 W	1.00 E & 1.00 W	0.80 B.O.K.	25.50
KERALA STREET	2.10 N	2.60 N	1.775 S	2.40 S	1.00 N	0.80 B.O.K.	16.00
DELHI GROVE	2.10 W	2.60 W	1.775 E	2.40 E	1.00 E & 1.00 W	0.80 B.O.K.	16.00
DELHI GROVE (LOT 1385 TO 1391)	2.30 N	2.75 N	1.775 N	3.90 N	N/A	0.80 B.O.K.	14.00
SUNDAR PLACE	2.35 N	2.90 N	1.825 N	3.90 N	EX. 1.00 N	0.80 B.O.K.	14.10
PATEL PLACE	2.35 N	2.90 N	1.825 N	3.90 N	EX. 1.00 N	0.80 B.O.K.	14.10

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

ROAD SCHEDULE

STREET NAME	ROAD RESERVE	CARR. WIDTH (FOK-FOK)	FOOTPATH WIDTH AND SIDE	CLASSIFICATION
FUCHSIA DRIVE	20.00	10.60	2.00 N / 1.50 S	ACCESS STREET LEVEL 2
INNOVATION AVENUE	25.50	11.20	1.50 E / 1.50 W	CONNECTOR STREET
KERALA STREET	16.00	7.30	1.50 N / 1.50 S	ACCESS STREET LEVEL 1
DELHI GROVE	16.00	7.30	1.50 E / 1.50 W	ACCESS STREET LEVEL 1
DELHI GROVE (LOT 1385 TO 1391)	14.00	5.50	1.50 N	ACCESS PLACE
SUNDAR PLACE	14.10	5.50	1.50 N	LANE WAY
PATEL PLACE	14.10	5.50	1.50 N	LANE WAY

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.

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

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 13\CAD\DWG\SET\ROAD AND DRAINAGE\22236_13R1-2.DWG

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VERSION	REMARKS	DATE	BY
F	AS CONSTRUCTED	21.06.23	JZ
E	SERVICES SCHEDULE AMENDED	19.08.22	JZ
D	INTERSECTION EXCLUDED FROM CURRENT WORKS	28.02.22	JZ
C	CONSTRUCTION ISSUE	18.01.22	JZ
B	LOT LAYOUT AMENDED	06.08.21	JZ

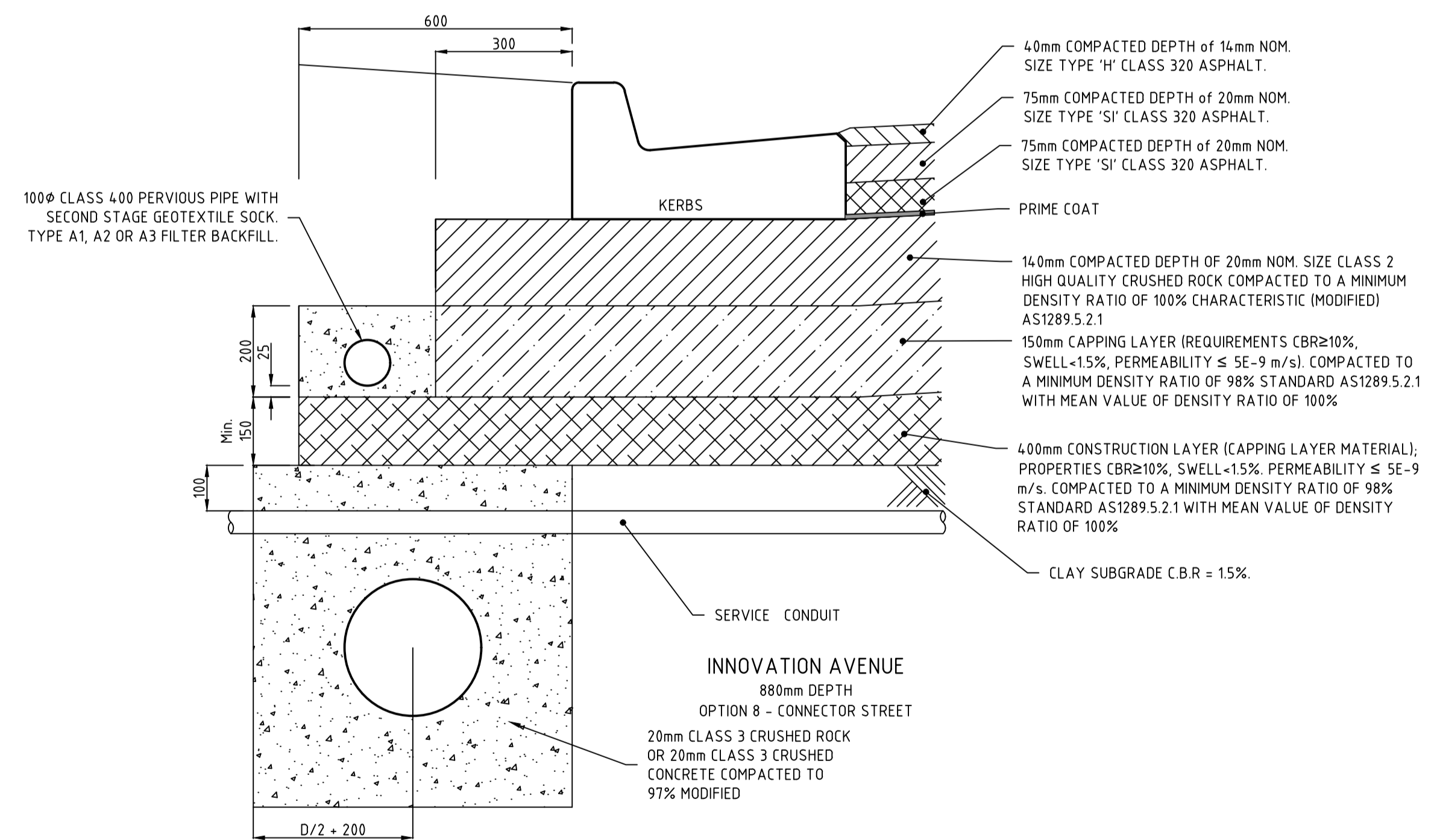
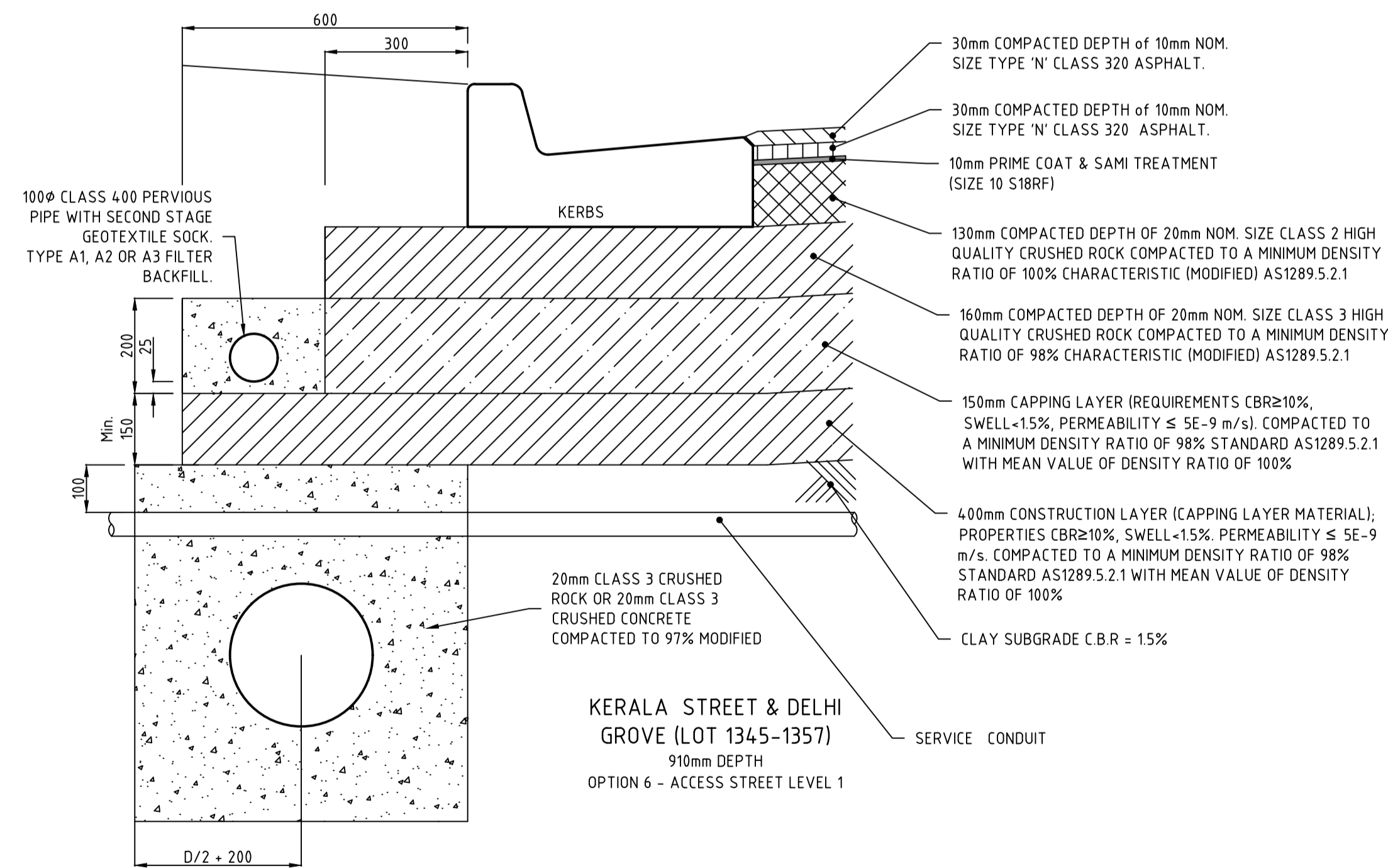
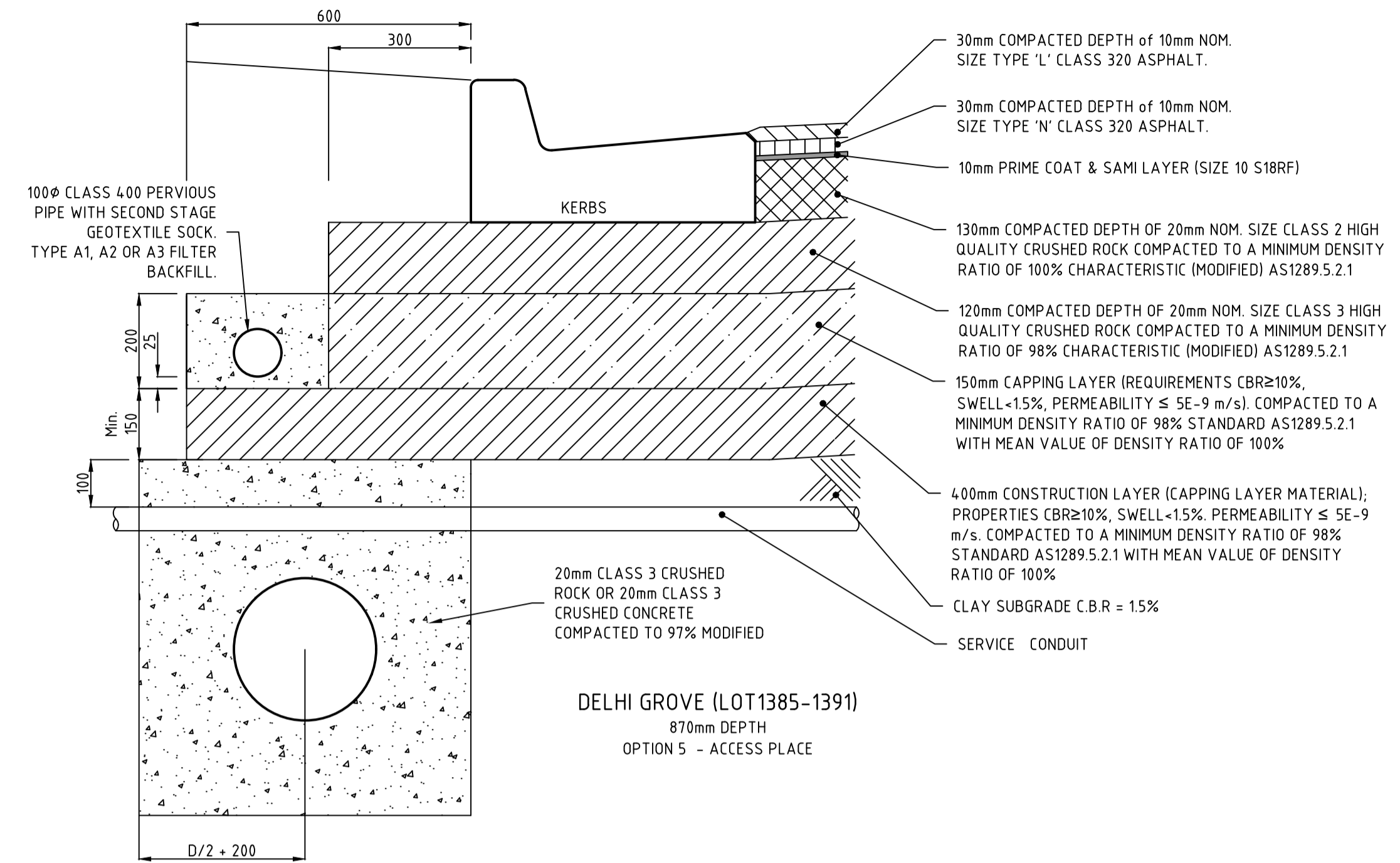
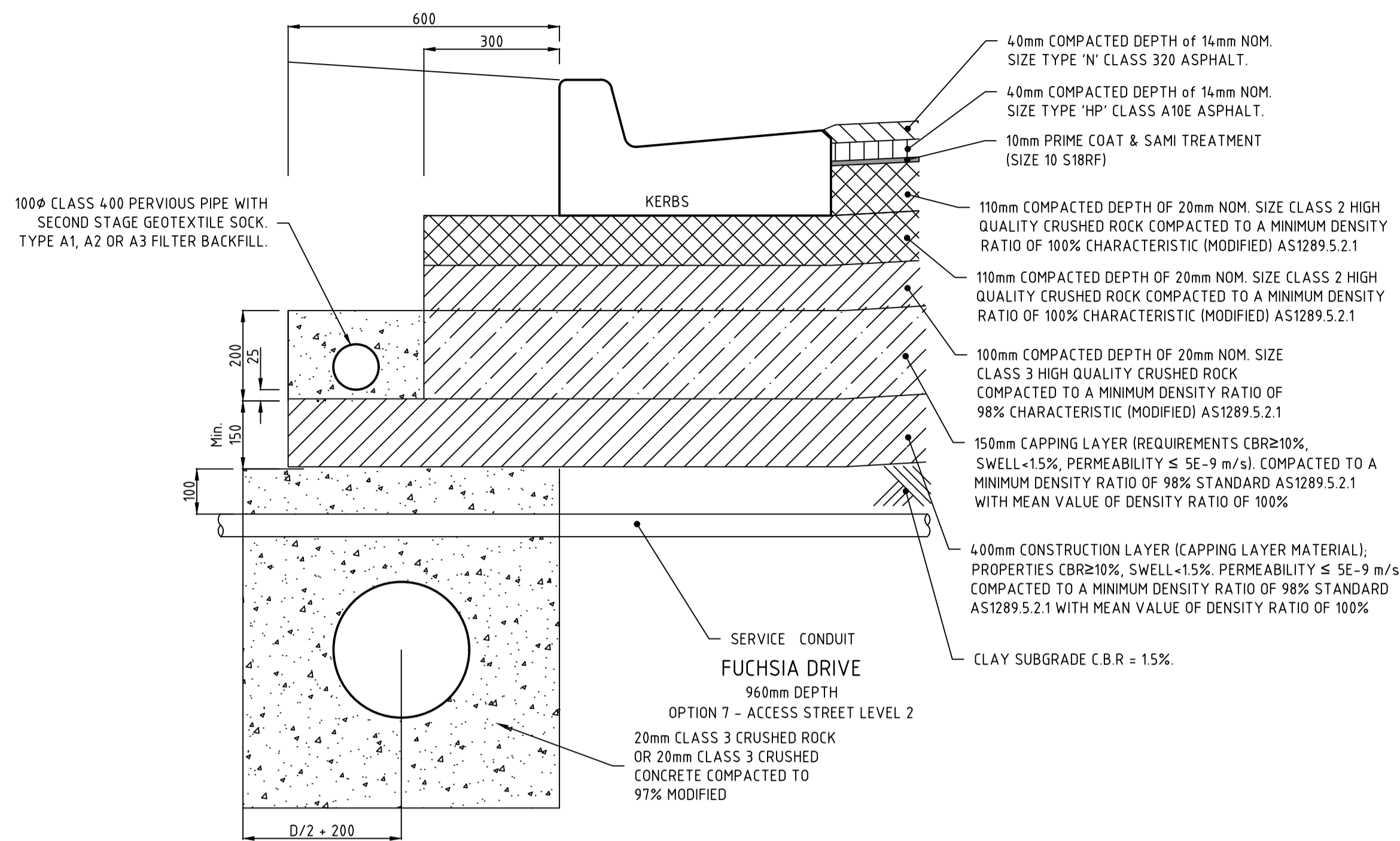
DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
MELWAY	344, K12	CHECKED BY	L. PHAN
DATUM	AHD	AUTHORISED BY	S. RAVIDA

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CITY OF MELTON
 BRIDGEFIELD ESTATE, ROCKBANK
 STAGE 13
 GENERAL NOTES, LOCALITY PLAN
 & DRAWING INDEX

DRAWING No.	13R1	VERSION	F
REFERENCE	22236E/13		
SHEET	1 OF 36		



PAVEMENT NOTES

- REFER TO "GEOTECHNICAL INVESTIGATION & PAVEMENT DESIGN" REPORT R7591-1-R3 DATED 8th FEBRUARY 2022 SITE GEOTECHNICAL 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 PLAN

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VERSION	REMARKS	DATE	BY
H	AS CONSTRUCTED	21.06.23	JZ
G	PAVEMENT AMENDED	31.03.22	JZ
F	PAVEMENT AMENDED	28.02.22	JZ
E	PAVEMENT AMENDED	18.02.22	JZ
D	CONSTRUCTION ISSUE	18.01.22	JZ

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



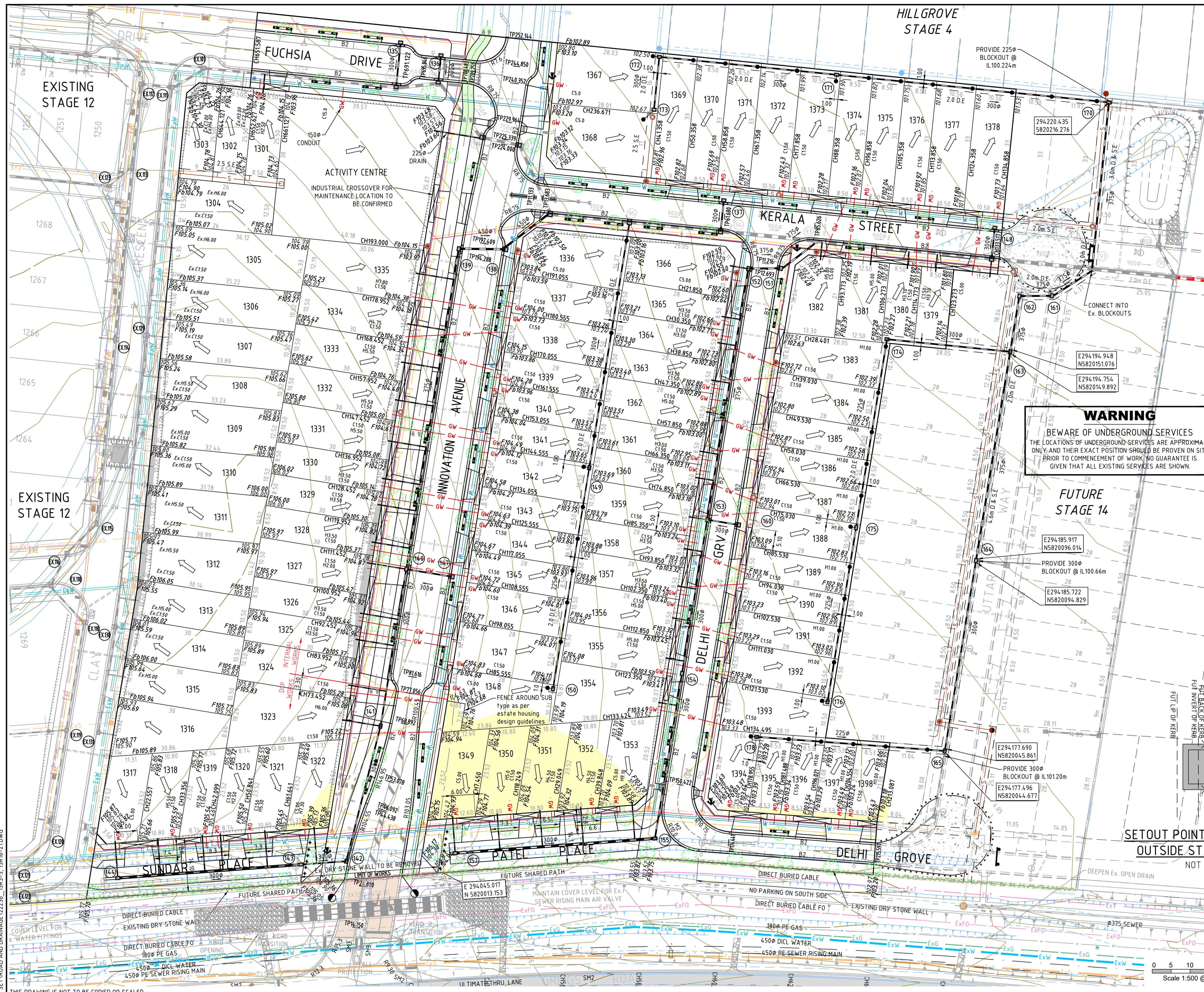
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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
PAVEMENT COMPOSITION

DRAWING No.	13R2	VERSION	H
REFERENCE	22236E/13		
SHEET	2 OF 36		

H:\22236E\STAGE 13\CAD\DWG\SET\ROAD AND DRAINAGE\22236_13R1-2.DWG



LEGEND

- B2 600 B2 TYPE KERB AS PER EDM 301
- ES 150x150mm CONC. EDGE STRIP WITH SUBSOIL DRAINS UNDER.
- PROPOSED RAISED PAVEMENT.
- PROPOSED GAS & WATER CONDUITS
- PROPOSED ELECT. & TELECOMM. CONDUITS
- 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

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.

TYPICAL NOTATIONS - EXAMPLE

NOT TO SCALE

H5.0 - PROPERTY DRAIN AT 5.5m OFFSET WHERE DRAIN IN NON-PERPENDICULAR, O/S REFERS TO INTERS. OF DRAIN & BL.
 C7.5
 H5.5
 H MAX IL55.40

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

PROPOSED DOUBLE RESIDENTIAL VEHICLE CROSSING AS PER EDM 501 UNLESS NOTED OTHERWISE.
 OFFSET IS AS PER EDM 501 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.

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

SETOUT POINT DETAIL FOR PITS OUTSIDE STAGE BOUNDARY
 NOT TO SCALE

AS-CONSTRUCTED ISSUE
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VERSION	REMARKS	DATE	BY
M	AS CONSTRUCTED	21.06.23	JZ
L	CONDUIT AMENDED	07.11.23	JZ
K	GREIGS ROAD LIMIT OF WORKS SHOWN	18.06.22	JZ
J	TREE & WATER CONDUIT LOCATION AMENDED	14.09.22	JZ
H	TREE LOCATION AMENDED	03.05.22	JZ

LEGEND

- EX-DRAIN & PIT
- EX-HOUSE DRAIN
- EX-SEWER AND MAINTENANCE HOLE
- EX-SEWER AND MAINTENANCE HOLE
- EX-WATER MAIN, VALVE & HYDRANT
- EX-WATER MAIN, VALVE & HYDRANT
- EX-ELECTRICAL OVERHEADS
- EX-GAS MAIN, VALVE
- EX-TELTRA SERVICES & PITS
- EX-TELTRA SERVICES & PITS

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

DATUM: AHD

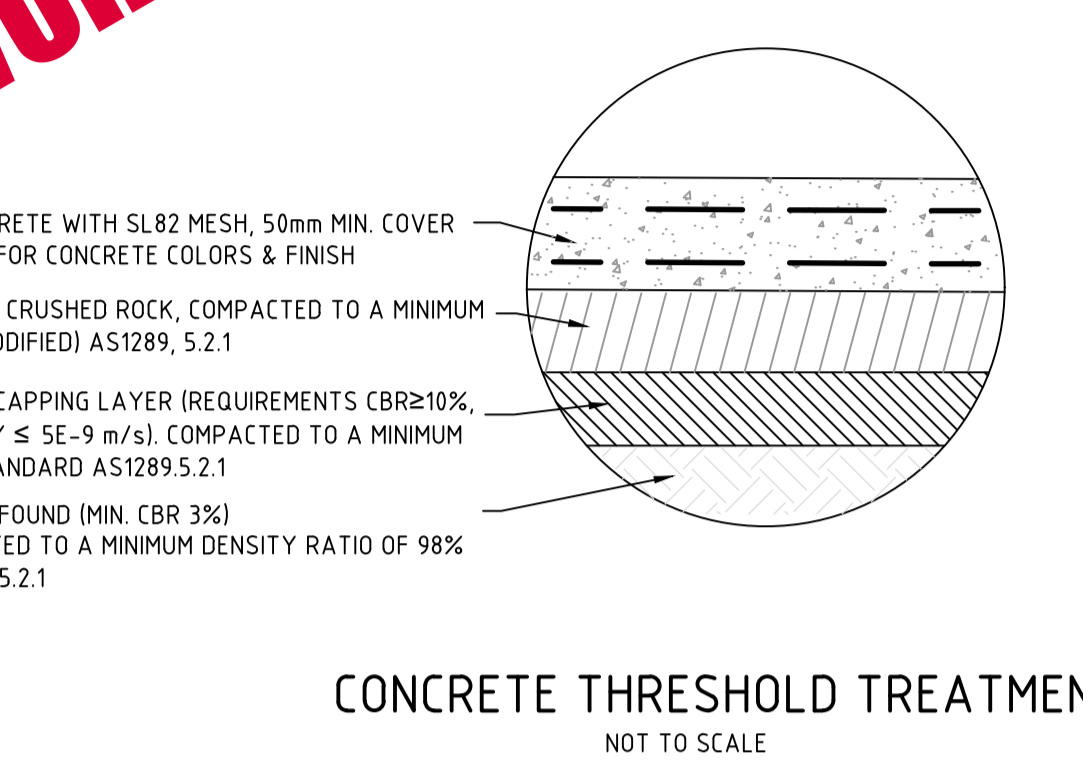
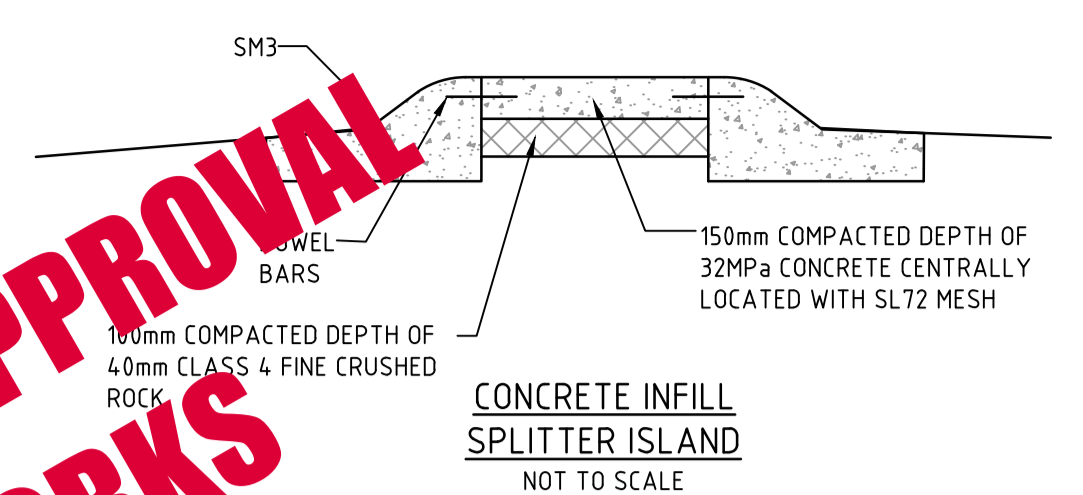
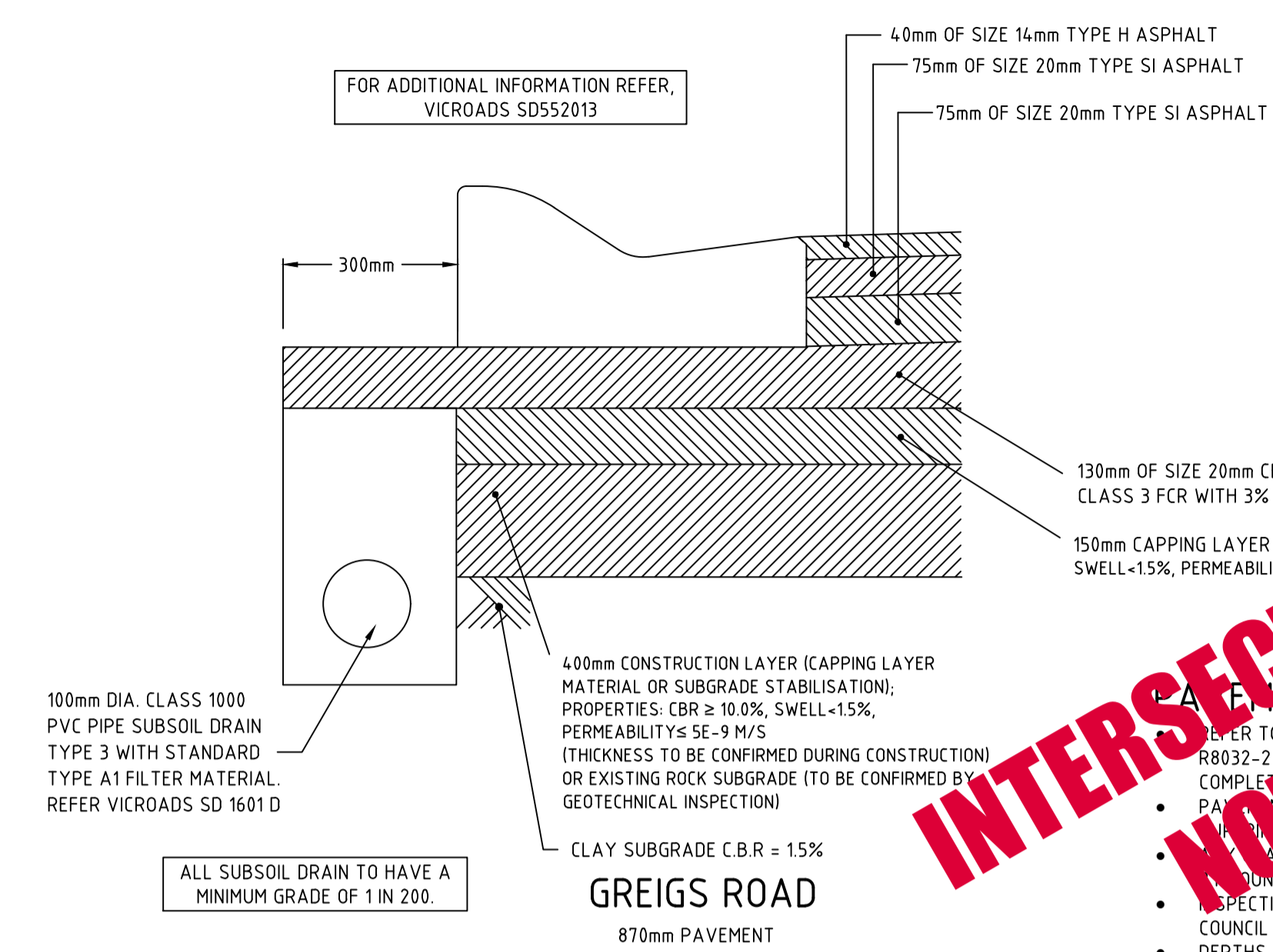
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 STAGE 13
 LAYOUT PLAN - 1

DRAWING No. 13R3
 VERSION M
 REFERENCE 222366/13
 SHEET 3 OF 36

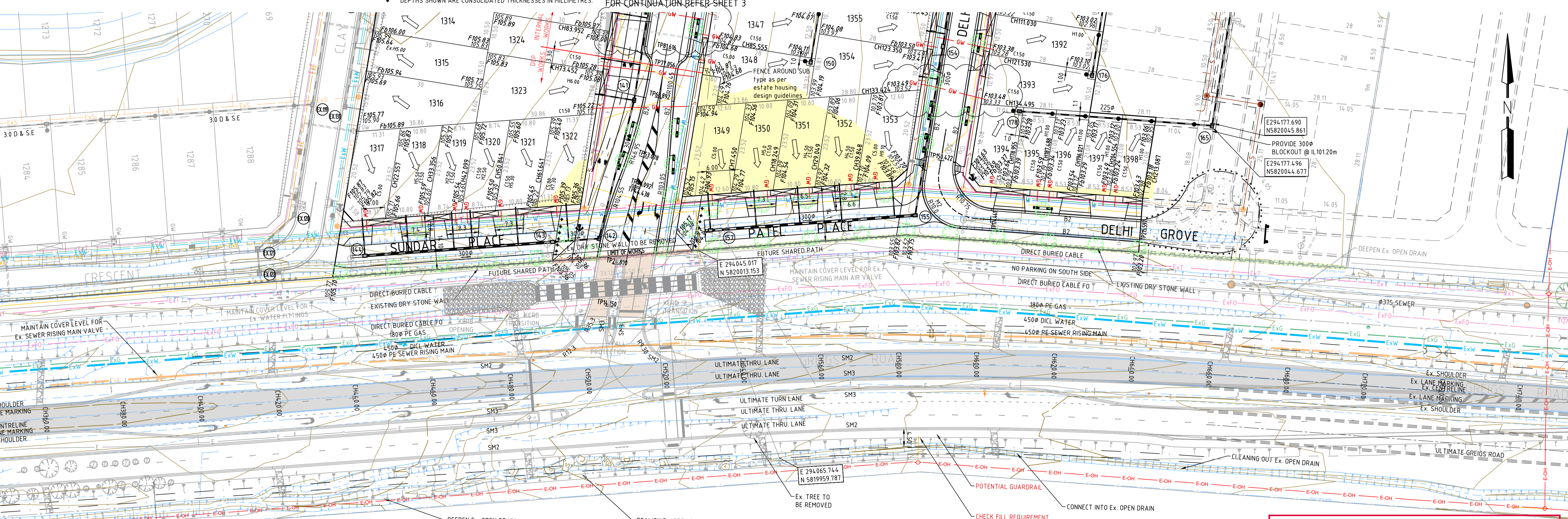
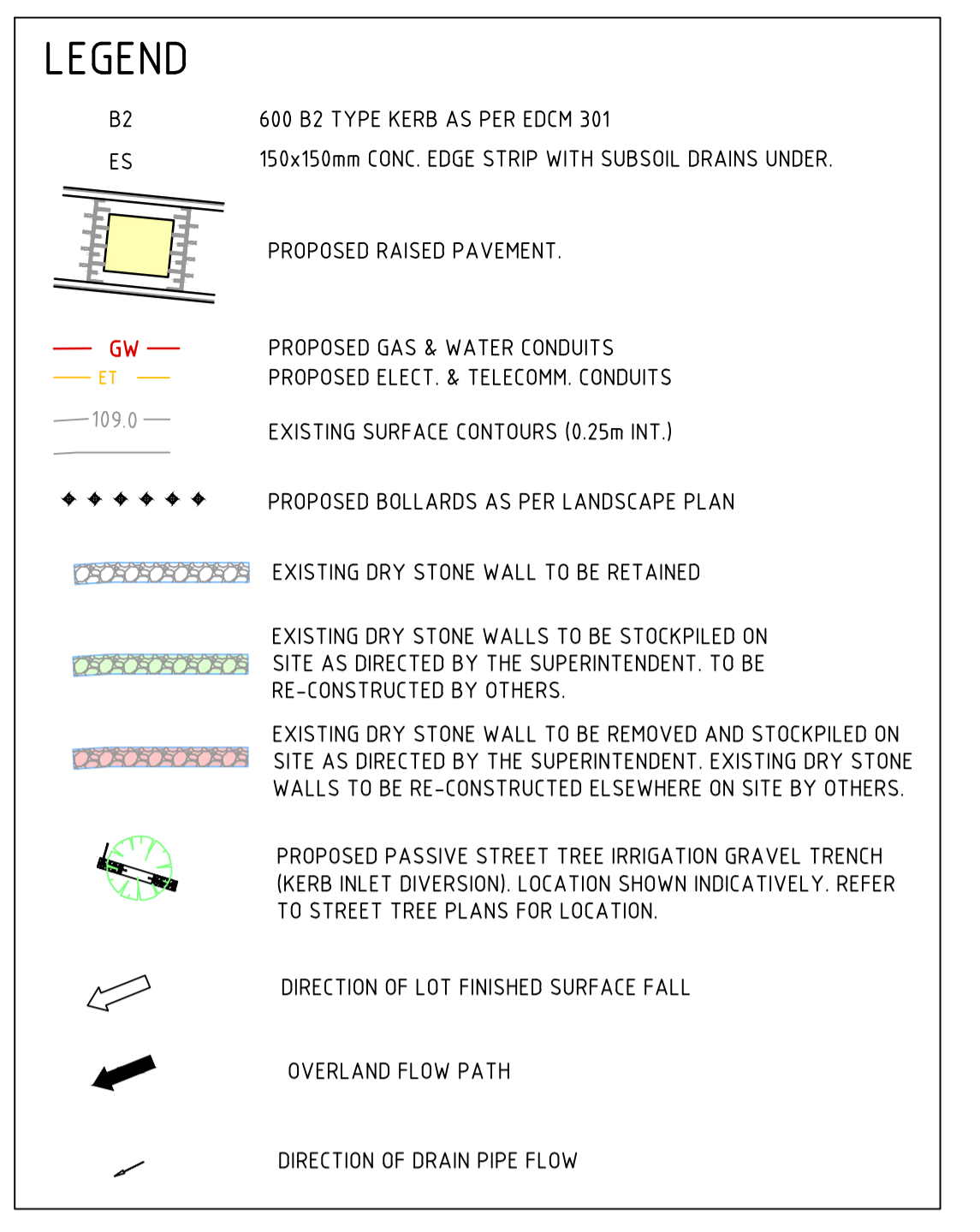
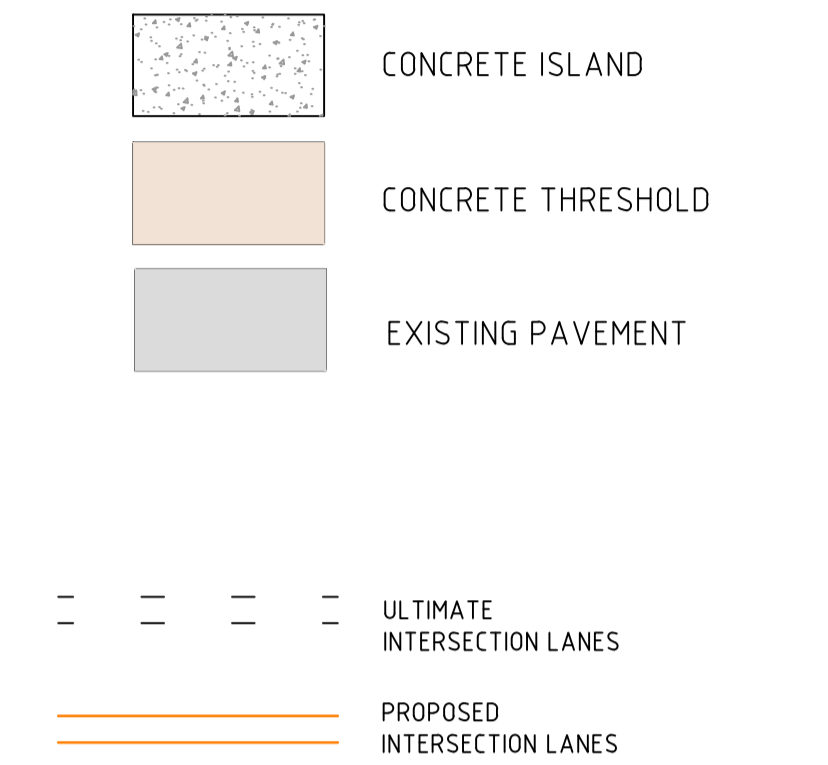
INTERSECTION IS SUBJECT TO APPROVAL
NOT PART OF CURRENT WORKS



EXISTING TREES, FENCES AND STRUCTURES:

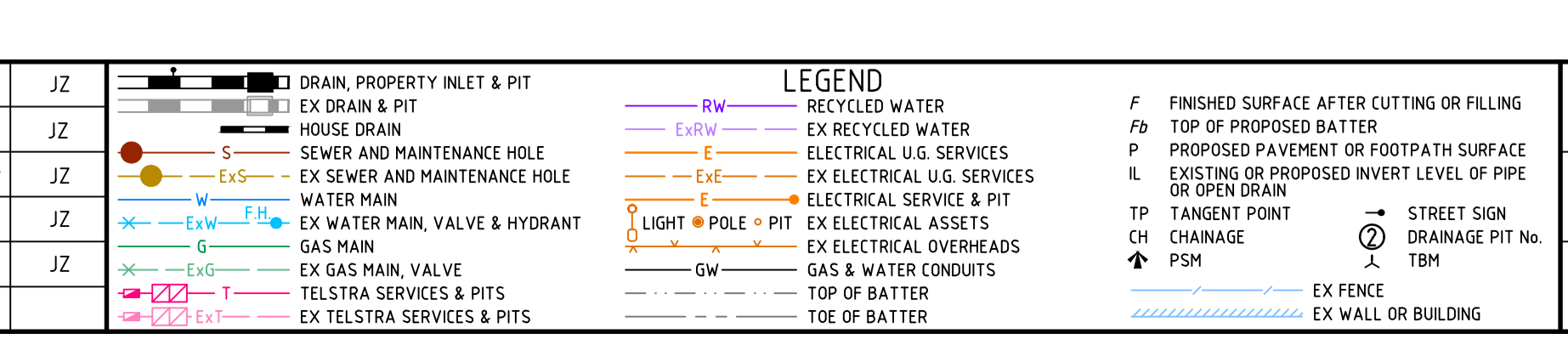
- ALL EXISTING TREES ARE TO BE REMOVED AS PER TREES REMOVAL REPORT.
- ALL EXISTING FENCES AND STRUCTURES ARE TO BE REMOVED.

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



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VERSION	REMARKS	DATE	BY
G	AS CONSTRUCTED	21.06.23	JZ
F	TREE & WATER CONDUIT LOCATION AMENDED	14.09.22	JZ
E	INTERSECTION EXCLUDED FROM CURRENT WORKS	25.02.22	JZ
D	GREIGS ROAD PAVEMENT AMENDED	18.02.22	JZ
C	CONSTRUCTION ISSUE	18.01.22	JZ



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

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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
LAYOUT PLAN - 3

DRAWING No. 13R5
VERSION G
REFERENCE 22236E/13
SHEET 5 OF 36

WARNING

BEWARE OF UNDERGROUND SERVICES

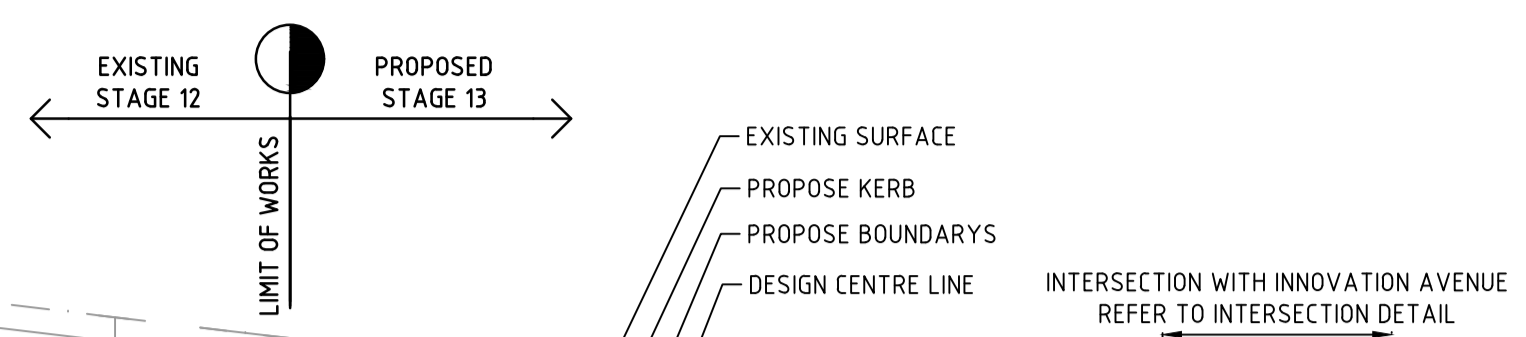
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE PRIOR TO COMMENCEMENT OF WORK. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

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.

H:\22236E\STAGE 13\CAD\DWG\SET ROAD AND DRAINAGE\22236E_13R5_5_13R16_21DWG

H:\22236\STAGE 13\CAO\DWG\SETROAD AND DRAINAGE\22236_13R6-15.DWG

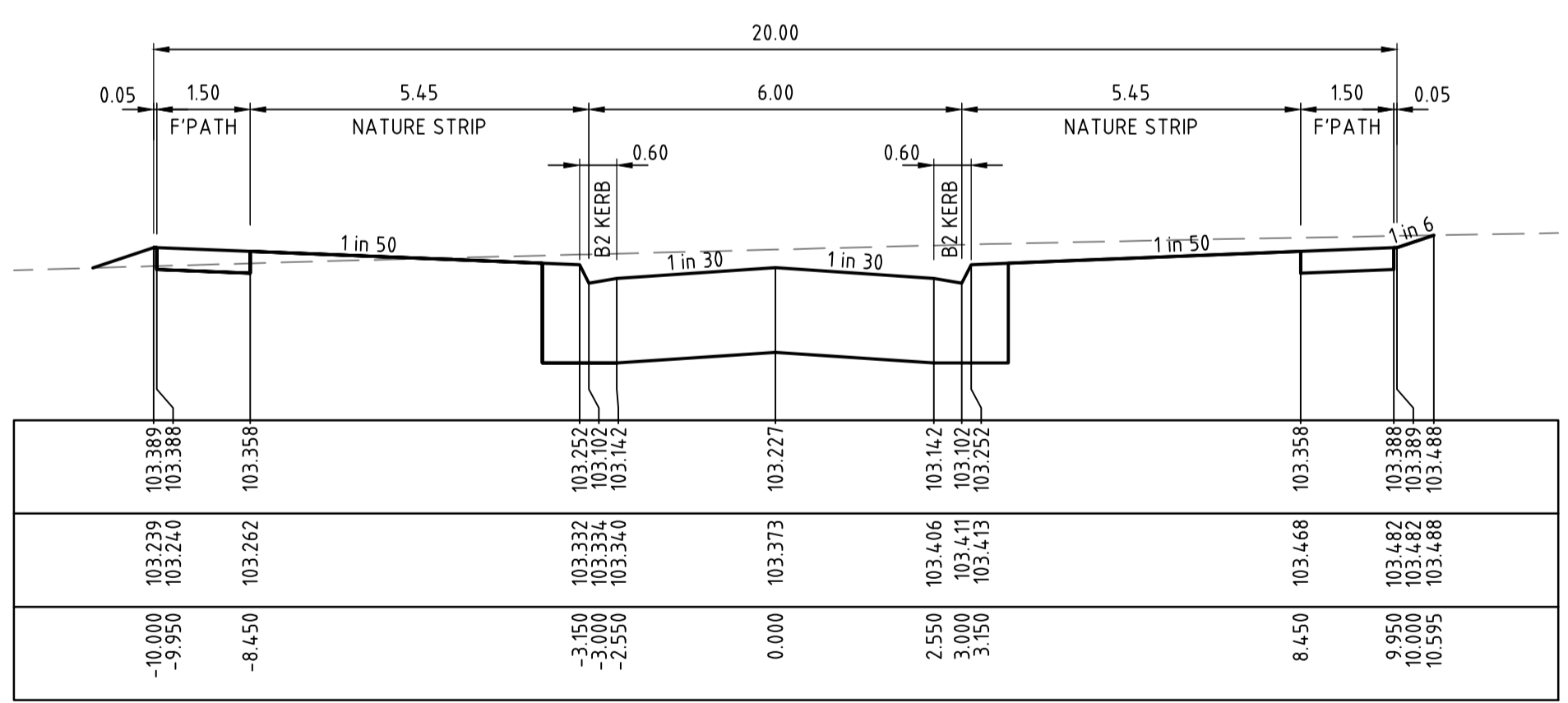
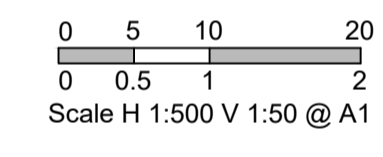


HORIZONTAL GEOMETRY
VERTICAL GEOMETRY
DESIGN GRADELINE

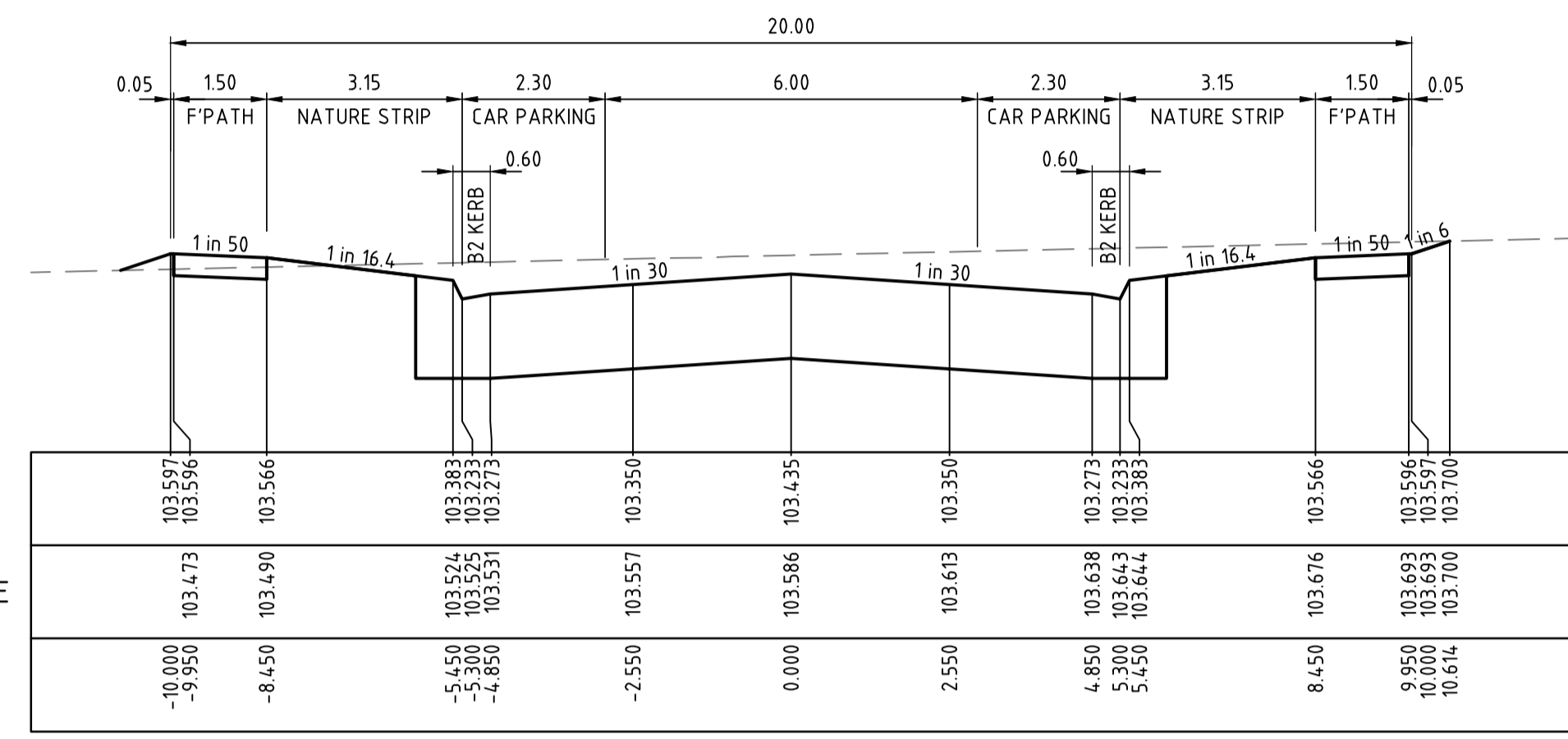
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DESIGN CENTRELINE	104.528
RIGHT LIP OF KERB	104.367
PROPOSED SURFACE AT RIGHT BOUNDARY	104.691
LEFT LIP OF KERB	104.367
PROPOSED SURFACE AT LEFT BOUNDARY	104.691
EXISTING SURFACE	104.681
CHAINAGE	600

CHAINAGE	EXISTING SURFACE	PROPOSED SURFACE AT LEFT BOUNDARY	LEFT LIP OF KERB	PROPOSED SURFACE AT RIGHT BOUNDARY	RIGHT LIP OF KERB	DESIGN CENTRELINE
600	104.681	104.691	104.367	104.691	104.367	104.528
620	104.032	104.45	104.203	104.203	104.288	104.288
640	104.003	104.21	103.963	104.21	103.963	104.048
644.127	103.997				103.999	
651.587	103.995	104.072	103.748	104.072	103.909	103.909
652.627	103.995	104.055	103.735	104.055	103.897	103.897
660	103.914	103.971	103.647	103.647	103.808	103.808
661.127	103.9	103.957	103.633	103.957	103.795	103.795
680	103.695	103.731	103.407	103.731	103.568	103.568
691.122	103.586	103.597	103.273	103.597	103.435	103.435
695.846	103.528	103.54	103.293	103.54	103.378	103.378
700	103.477	103.49	103.243	103.49	103.328	103.328
708.483	103.373	103.389	103.142	103.389	103.227	103.227
709.251	103.363				103.217	103.217
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720.893	103.168					

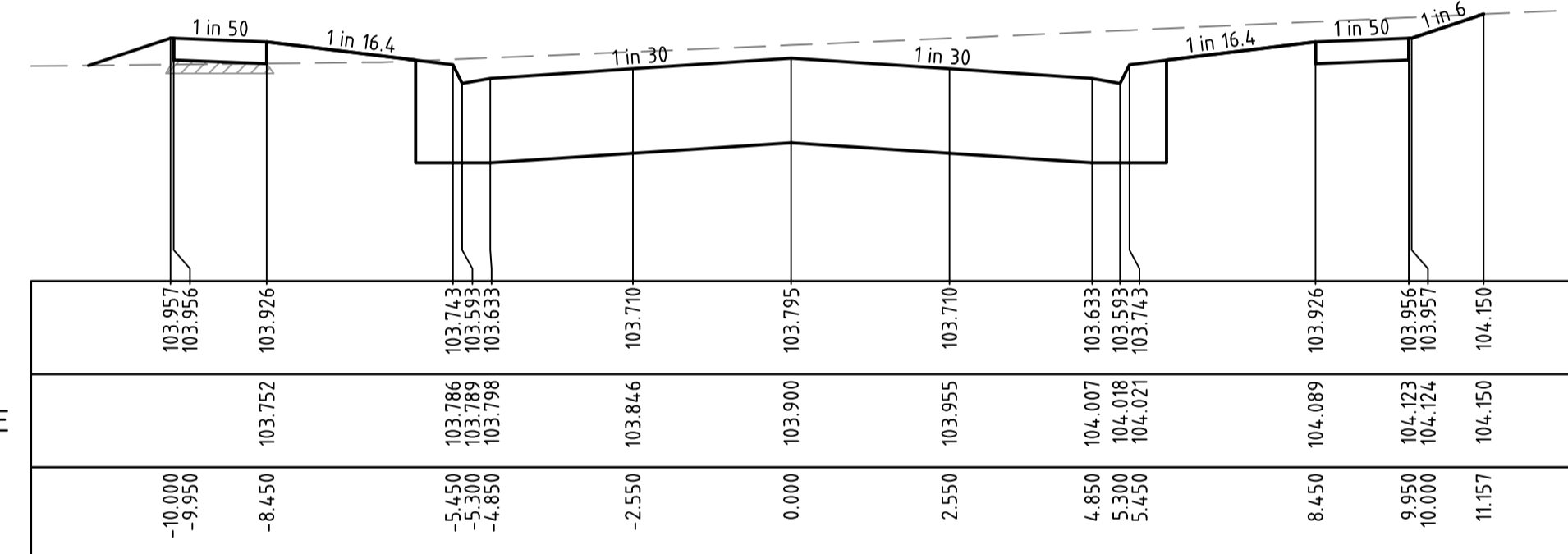
LONGITUDINAL SECTION FUCHSIA DRIVE



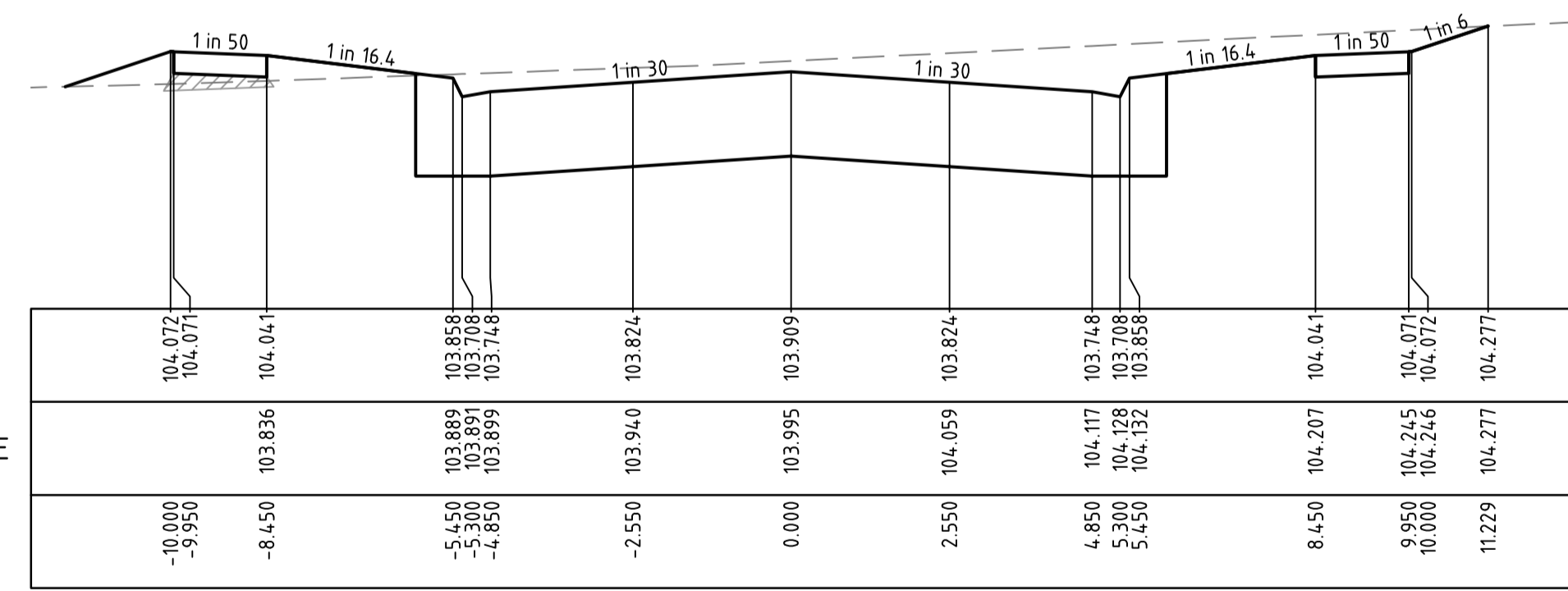
CH 708.483



CH 691.122

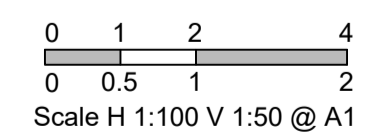


CH 661.127



CH 651.587

CROSS SECTIONS FUCHSIA DRIVE



WARNING
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AS-CONSTRUCTED PLAN
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VERSION	REMARKS	DATE	BY
C	AS CONSTRUCTED	21.06.23	JZ
B	CONSTRUCTION ISSUE	18.01.22	JZ
A	PRELIMINARY ISSUE	23.03.2020	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

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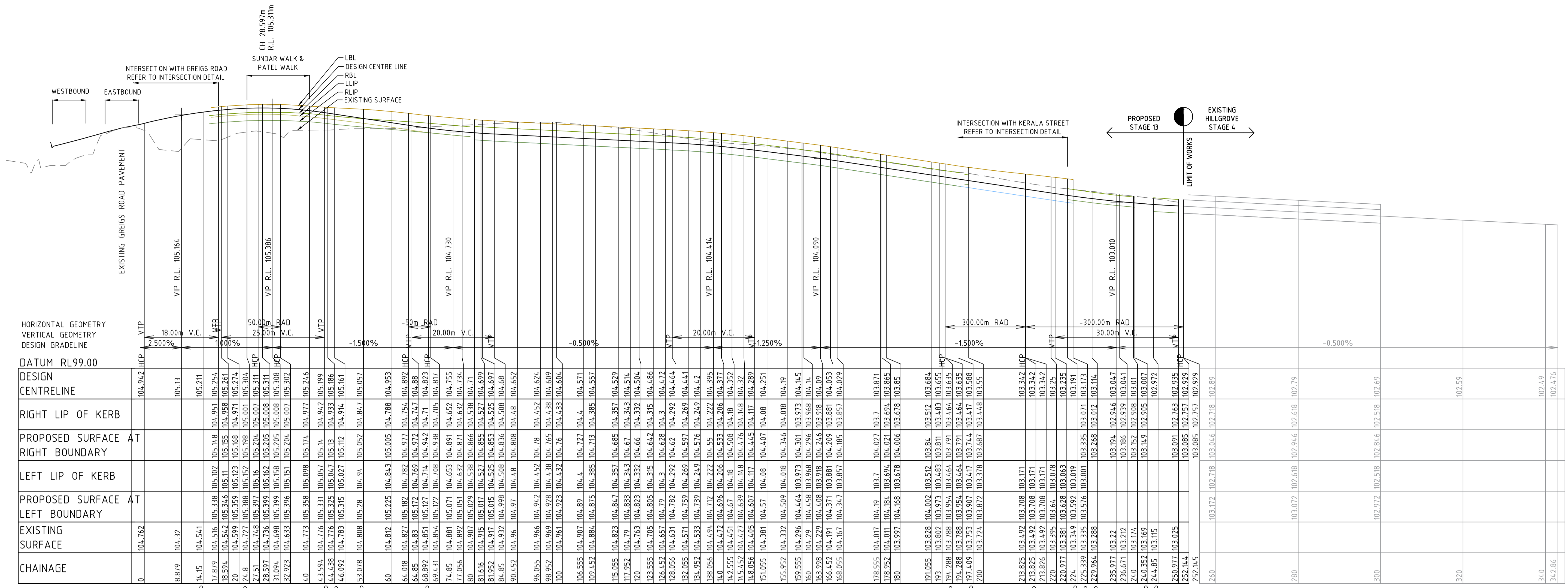
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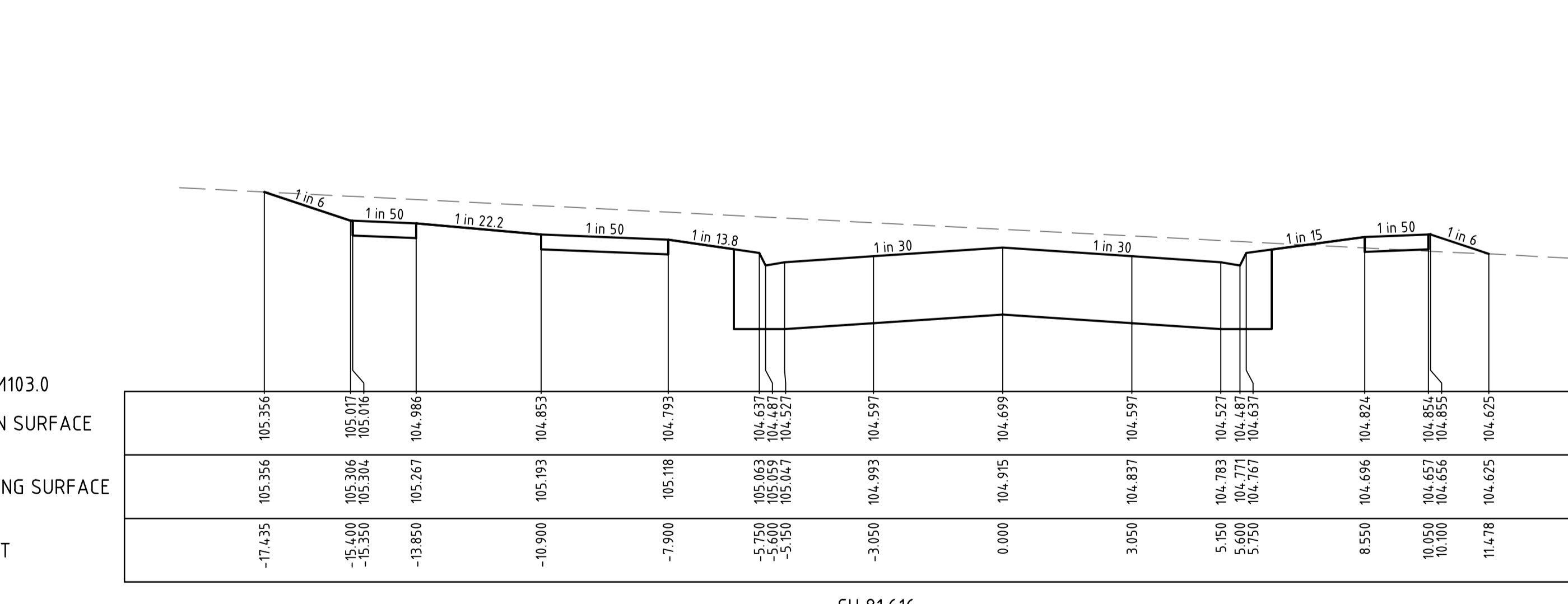
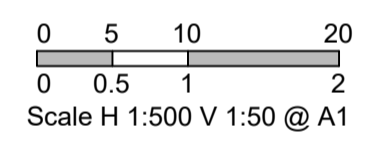
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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
FUCHSIA DRIVE
LONGITUDINAL AND CROSS SECTIONS

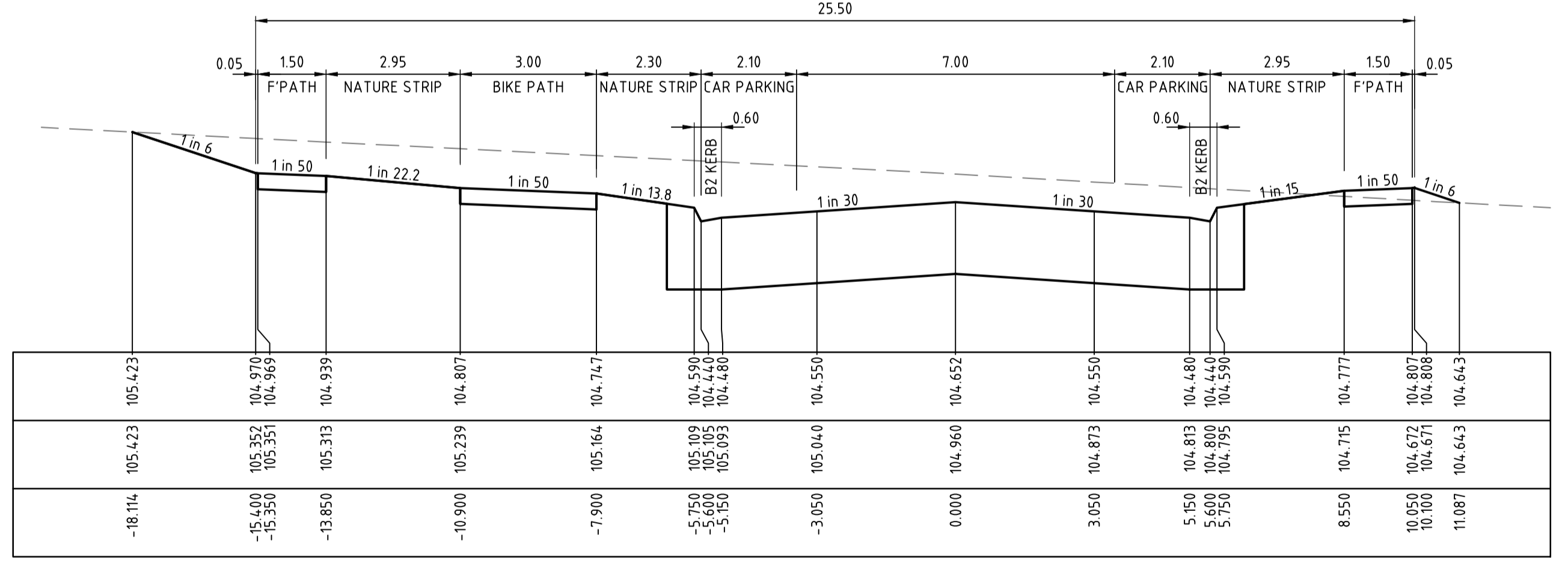
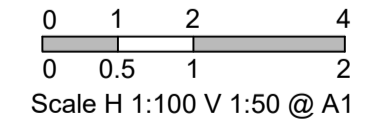
DRAWING No.	13R6	VERSION	C
REFERENCE	22236E/13		
SHEET	6	OF	36



LONGITUDINAL SECTION INNOVATION AVENUE



CROSS SECTIONS INNOVATION AVENUE



CH 90.452

WARNING
 BEWARE OF UNDERGROUND SERVICES
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VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	INNOVATION AVENUE CH0-CH40 LEVELS AMENDED	14.09.22	JZ
B	CONSTRUCTION ISSUE	18.01.22	JZ
A	PRELIMINARY ISSUE	23.03.2020	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

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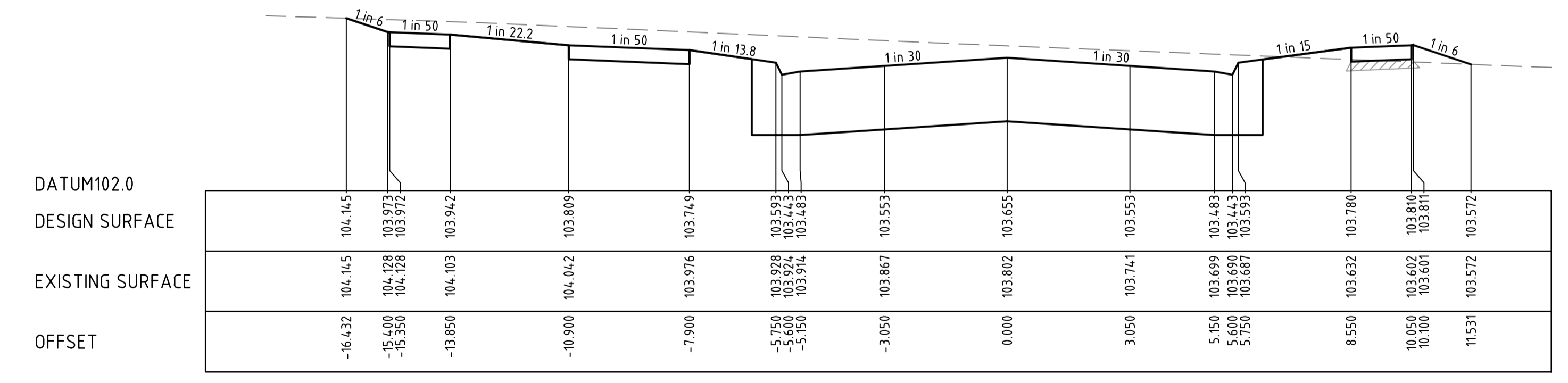
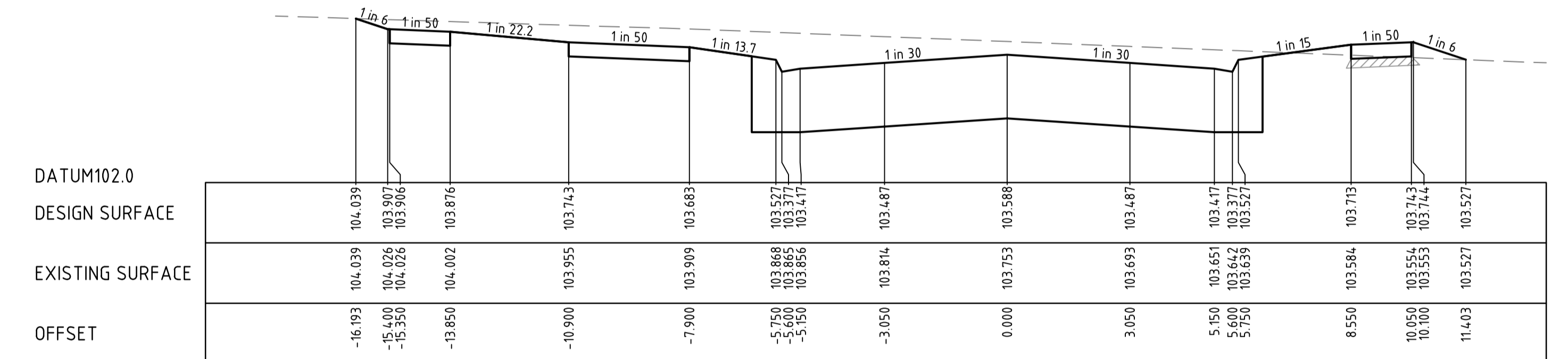
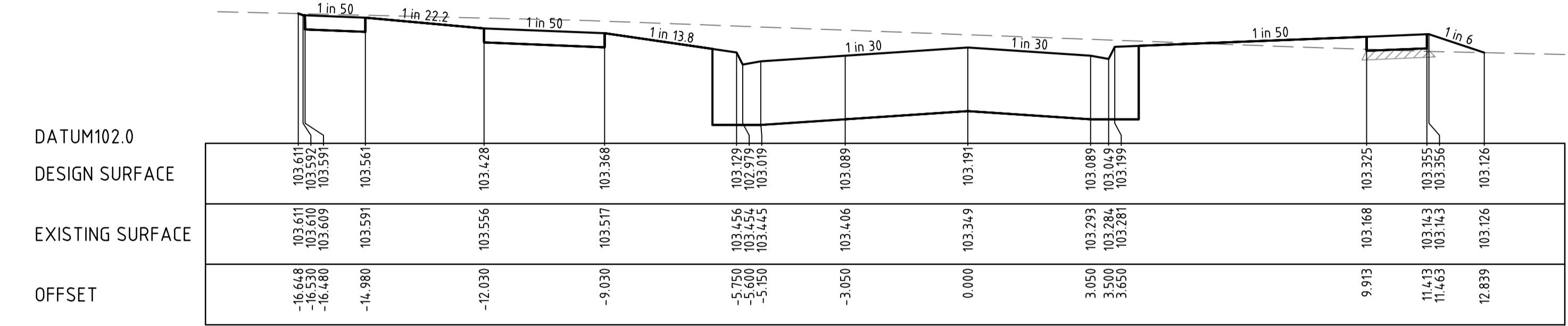
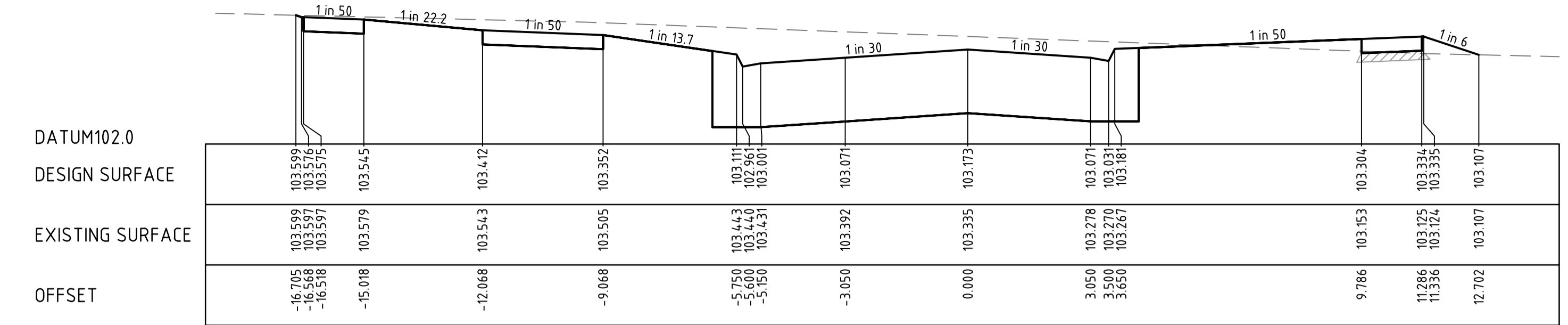
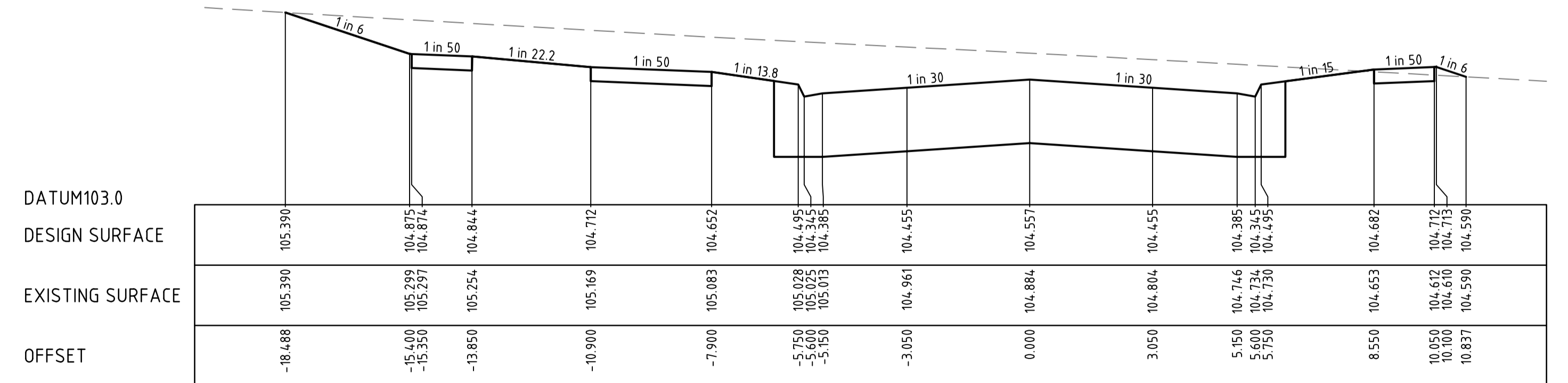
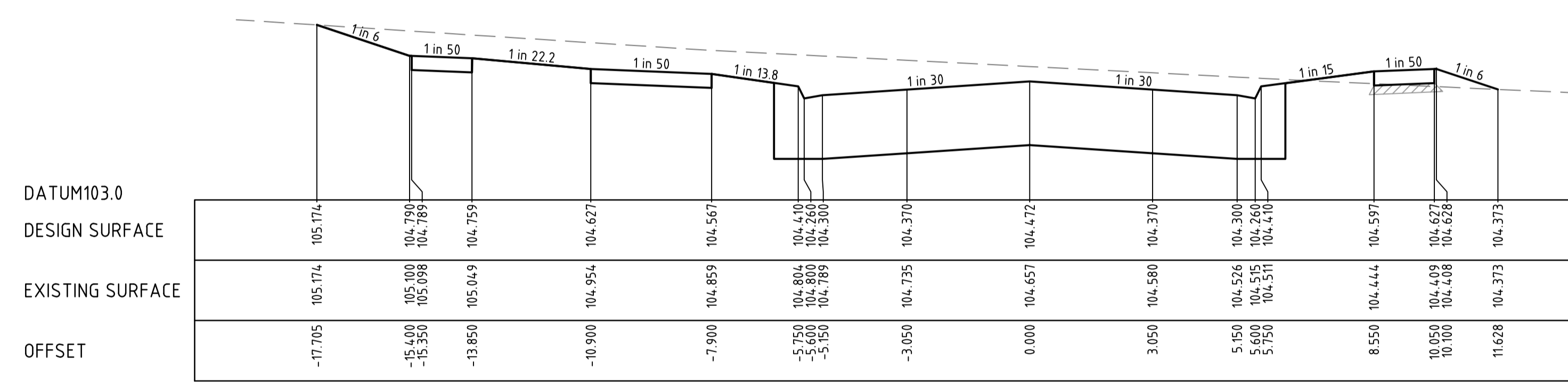
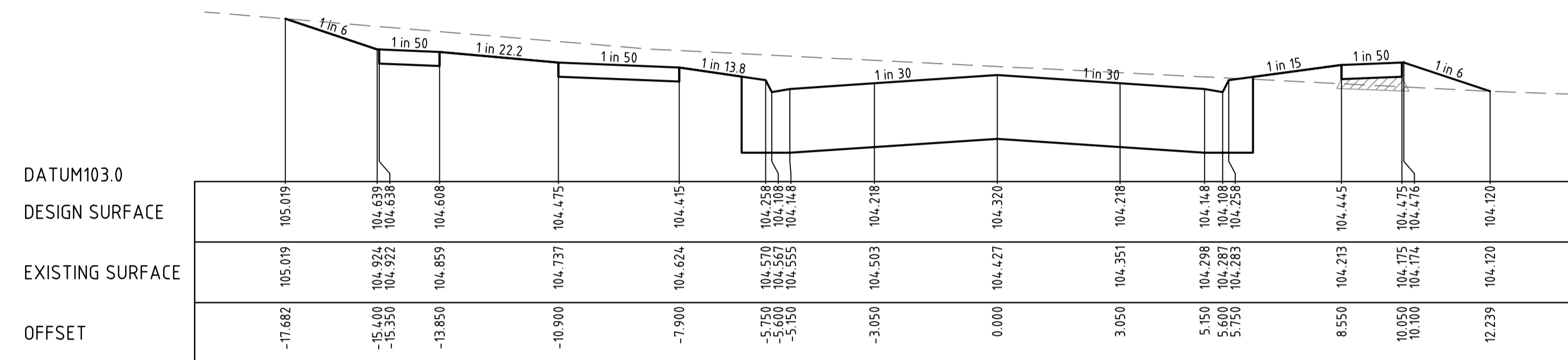
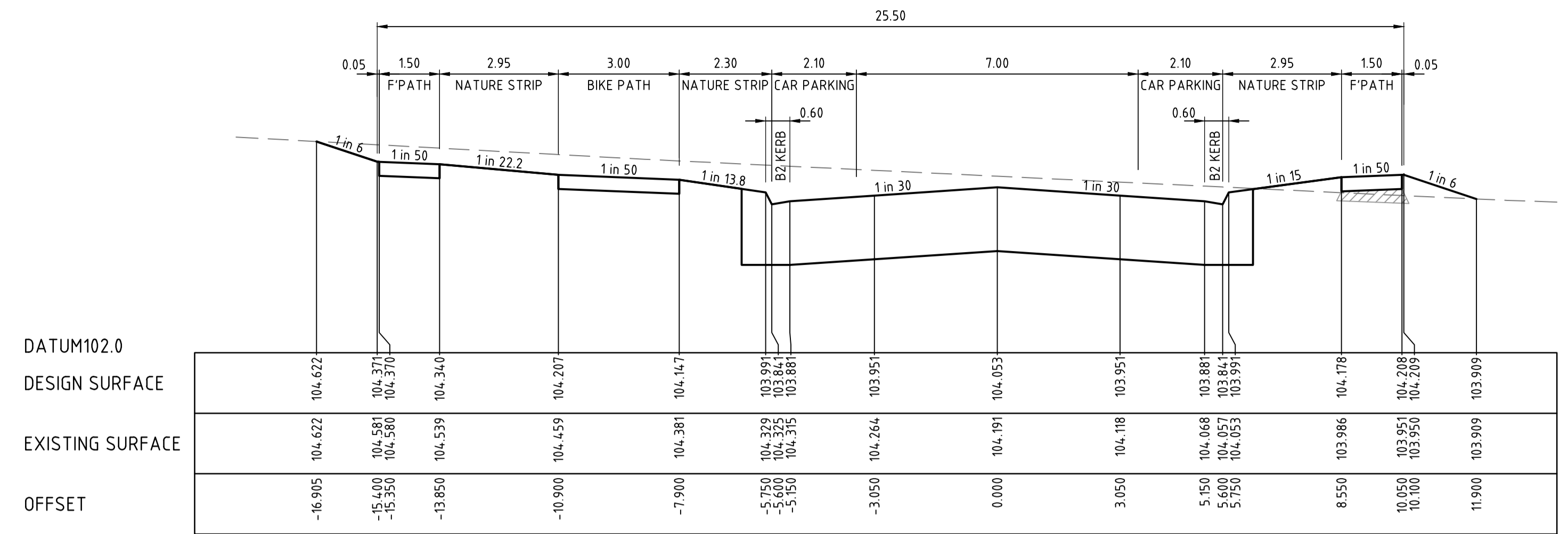
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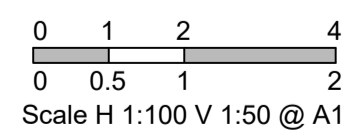
CITY OF MELTON
 BRIDGEFIELD ESTATE, ROCKBANK
 STAGE 13
 INNOVATION AVENUE
 LONGITUDINAL AND CROSS SECTIONS - 1

DRAWING No.	VERSION
13R7	D
REFERENCE	22236E/13
SHEET	7 OF 36

H:\22236E STAGE 13\CAD\DWG\SET\ROAD AND DRAINAGE\22236_13R6-15.DWG



CROSS SECTIONS INNOVATION AVENUE



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.

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VERSION	REMARKS		
C	AS CONSTRUCTED	21.06.23	JZ
B	CONSTRUCTION ISSUE	18.01.22	JZ
A	PRELIMINARY ISSUE	23.03.2020	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

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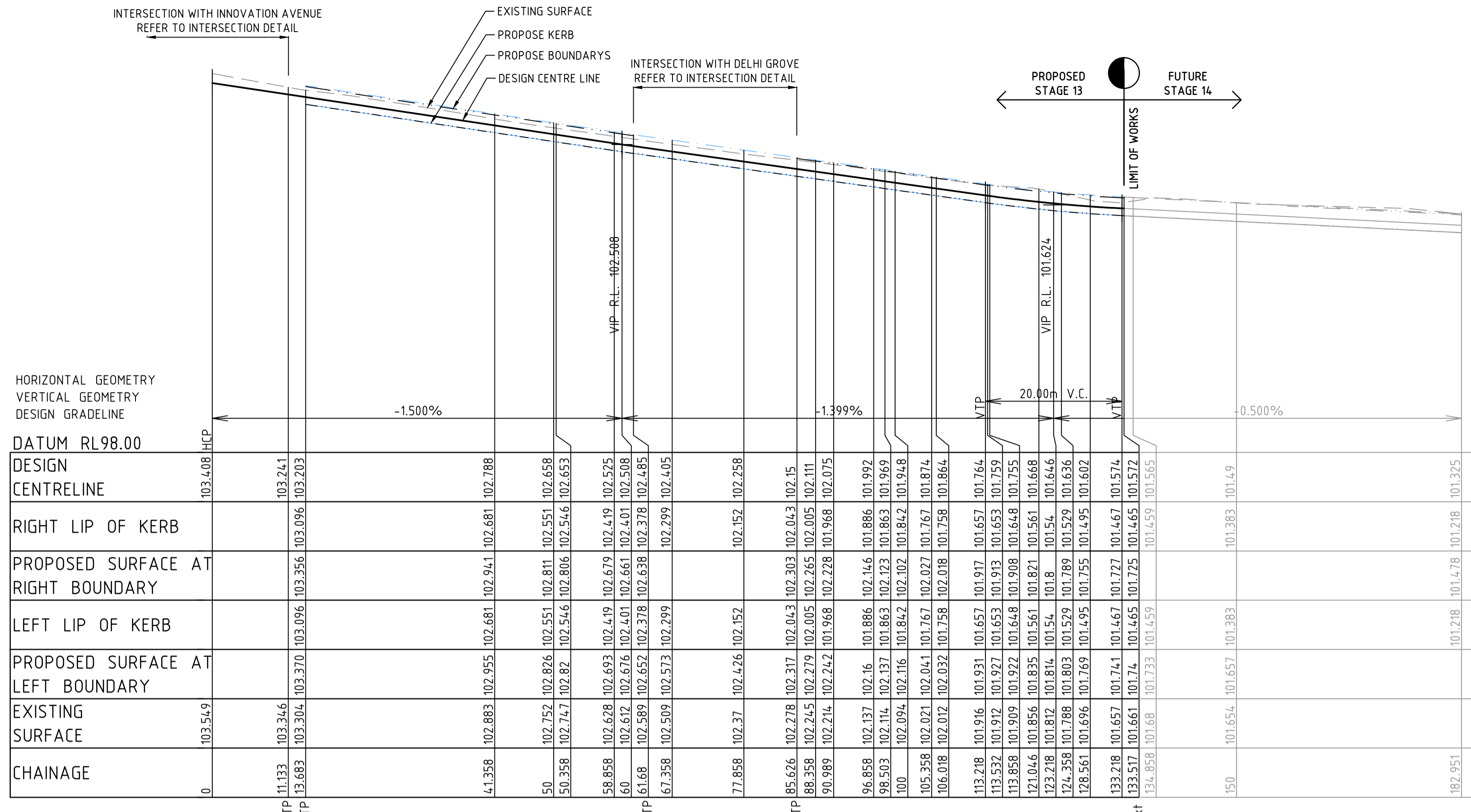
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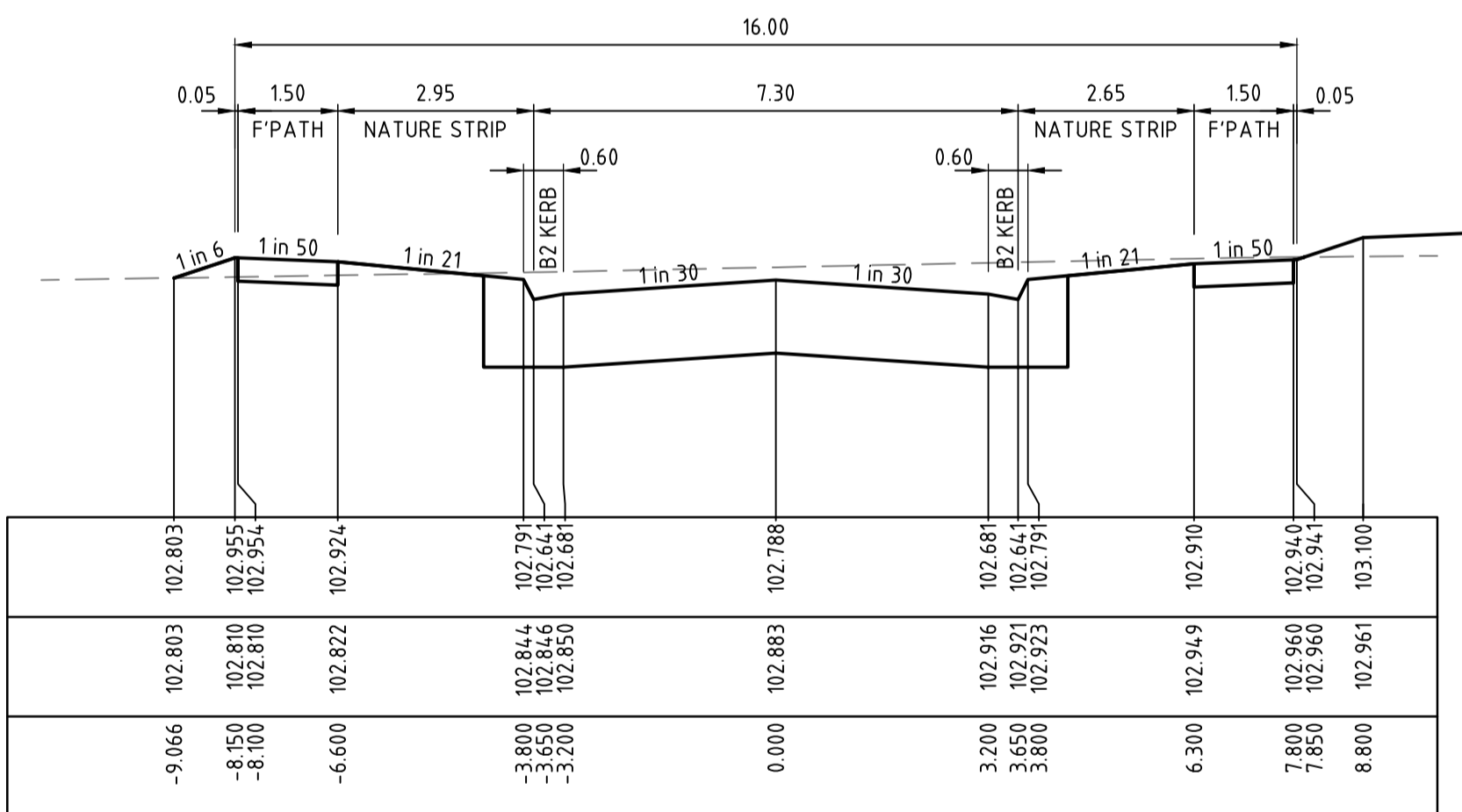
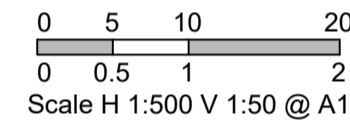
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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
INNOVATION AVENUE
CROSS SECTIONS - 2

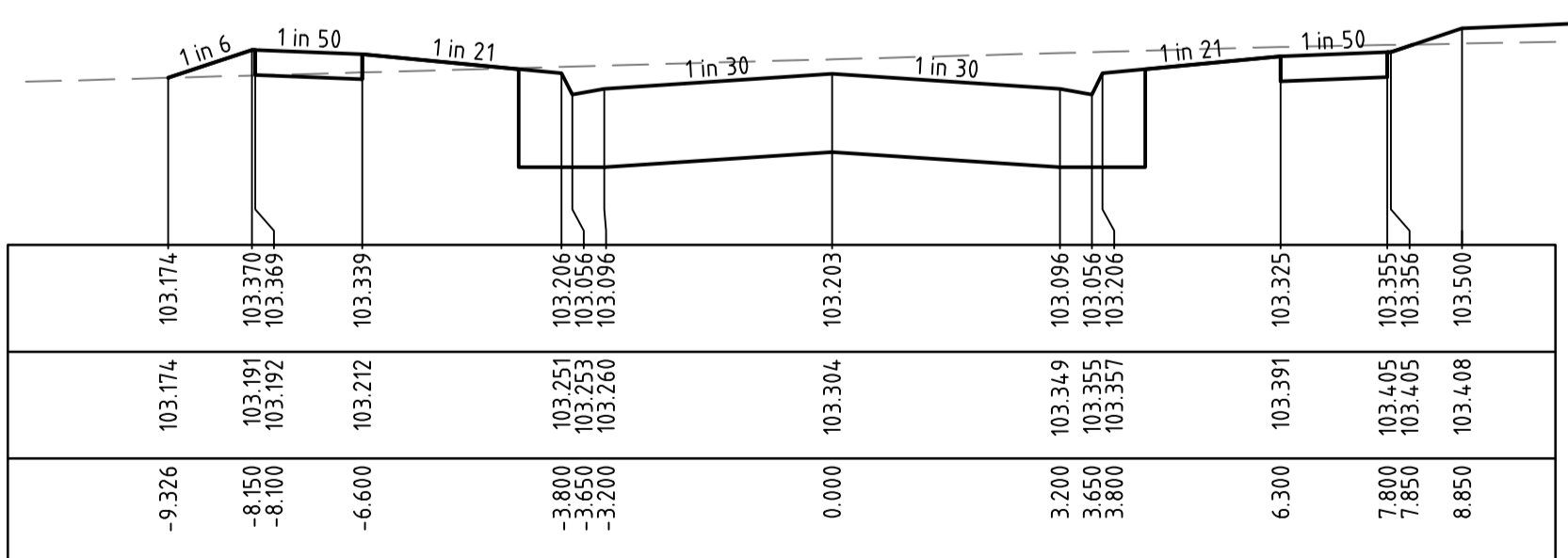
DRAWING No.	13R8	VERSION	C
REFERENCE	22236E/13		
SHEET	8	OF	36



LONGITUDINAL SECTION KERALA STREET

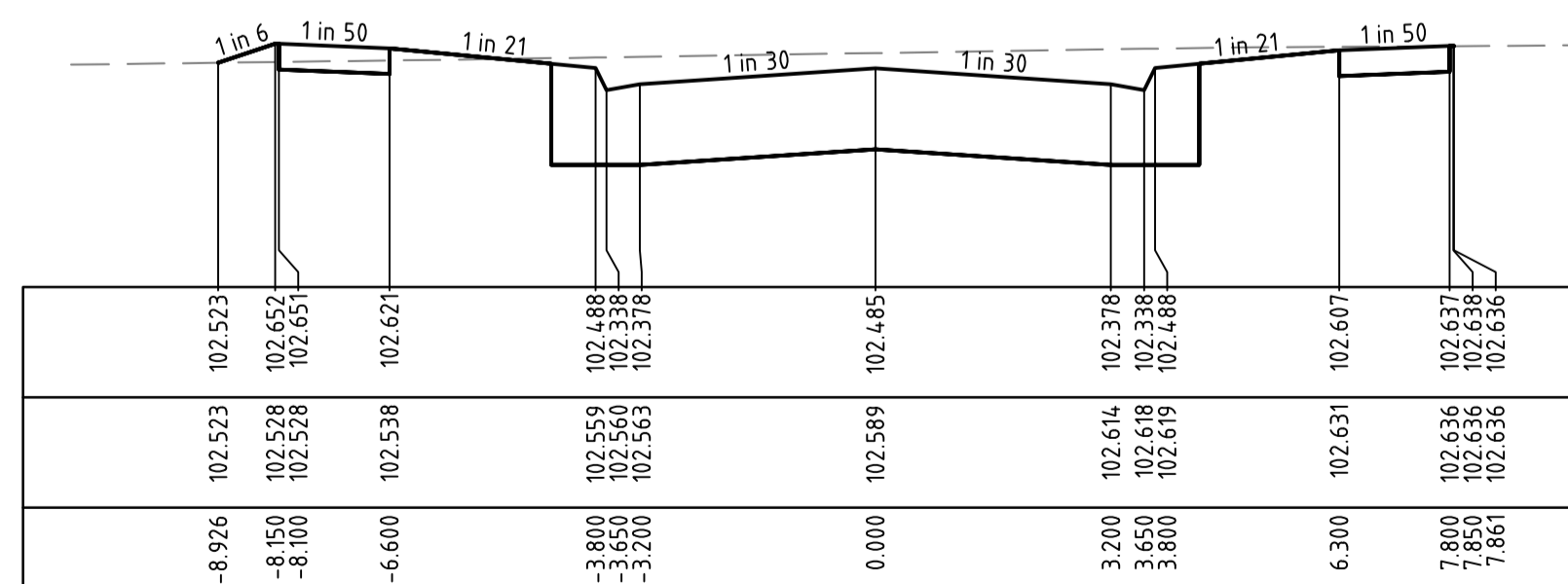
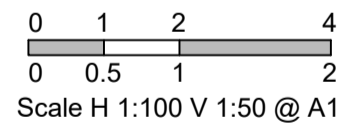


CH 41.358

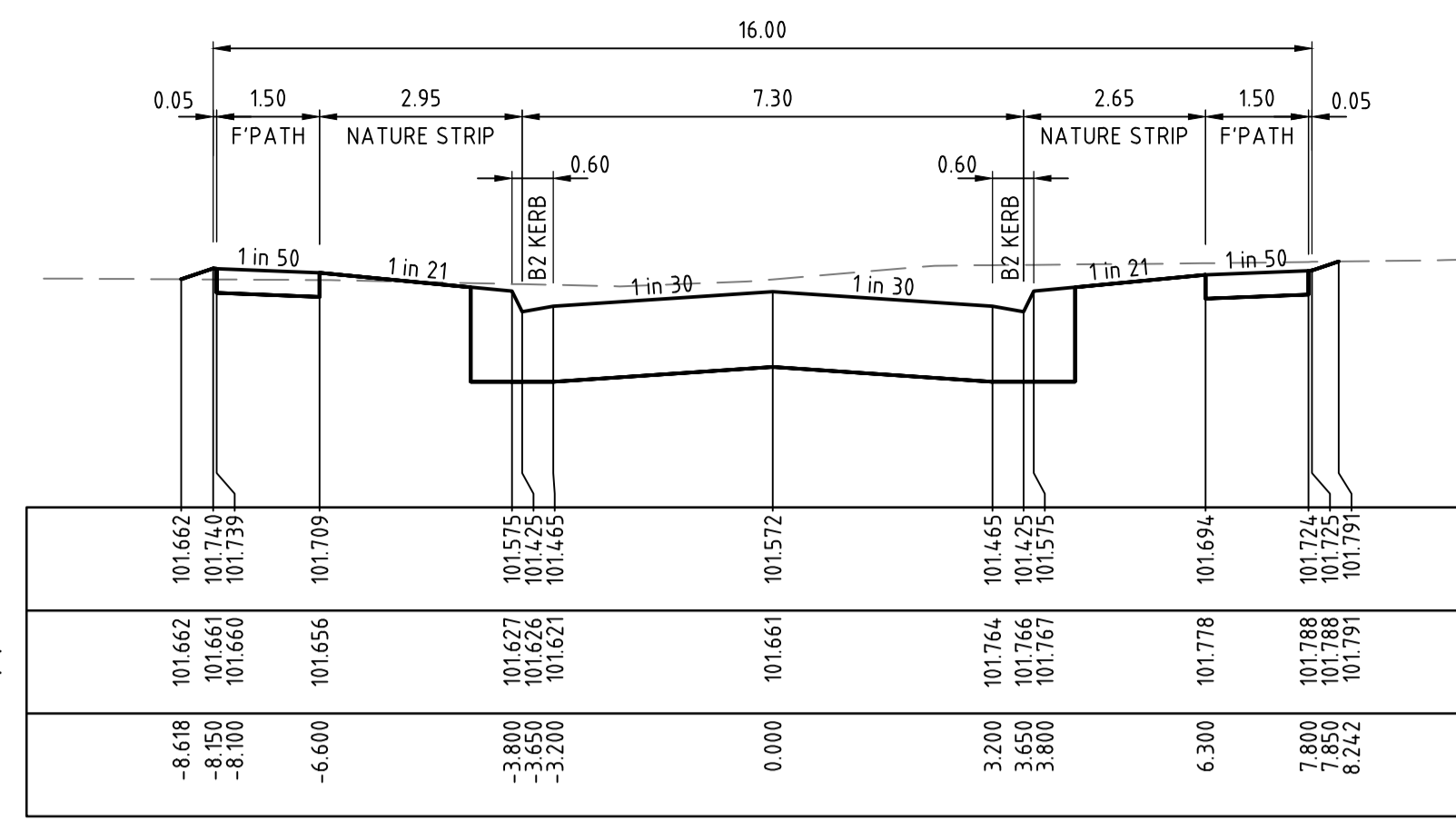


CH 13.683

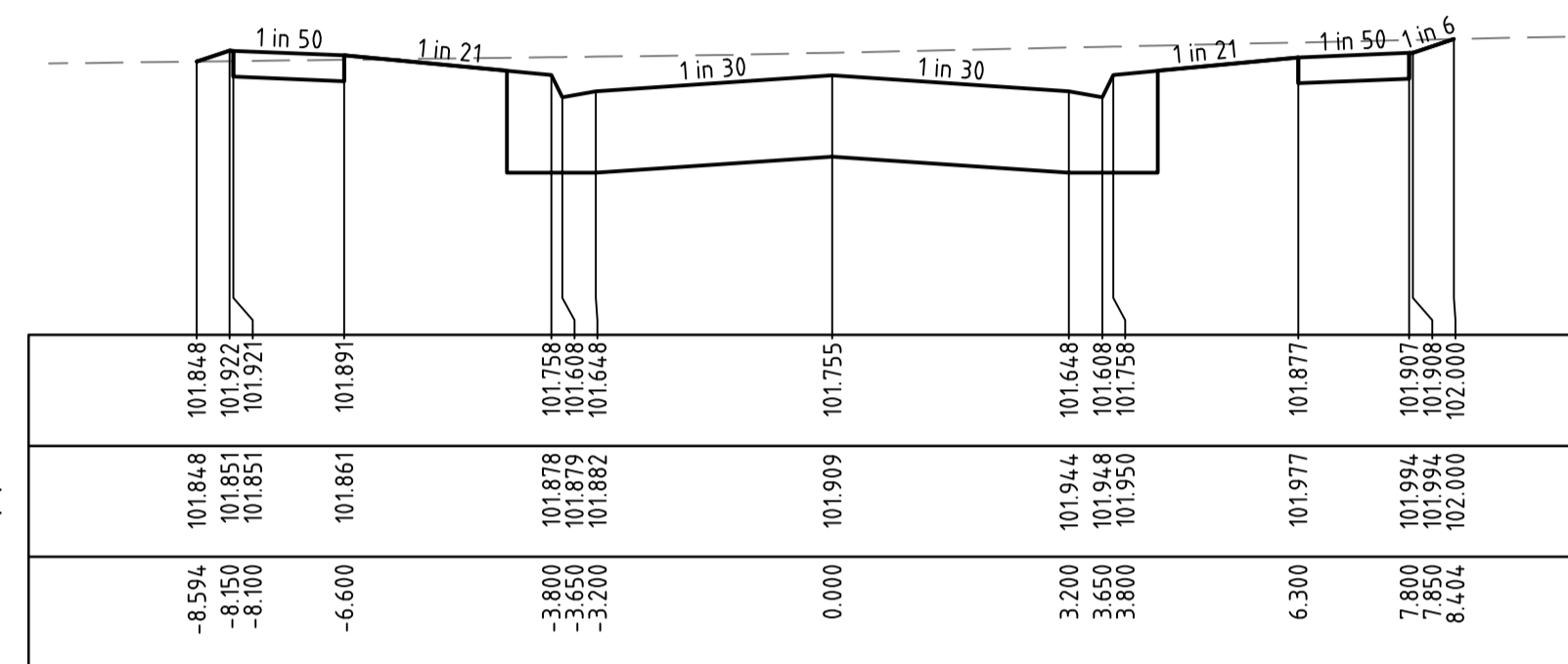
CROSS SECTIONS KERALA STREET



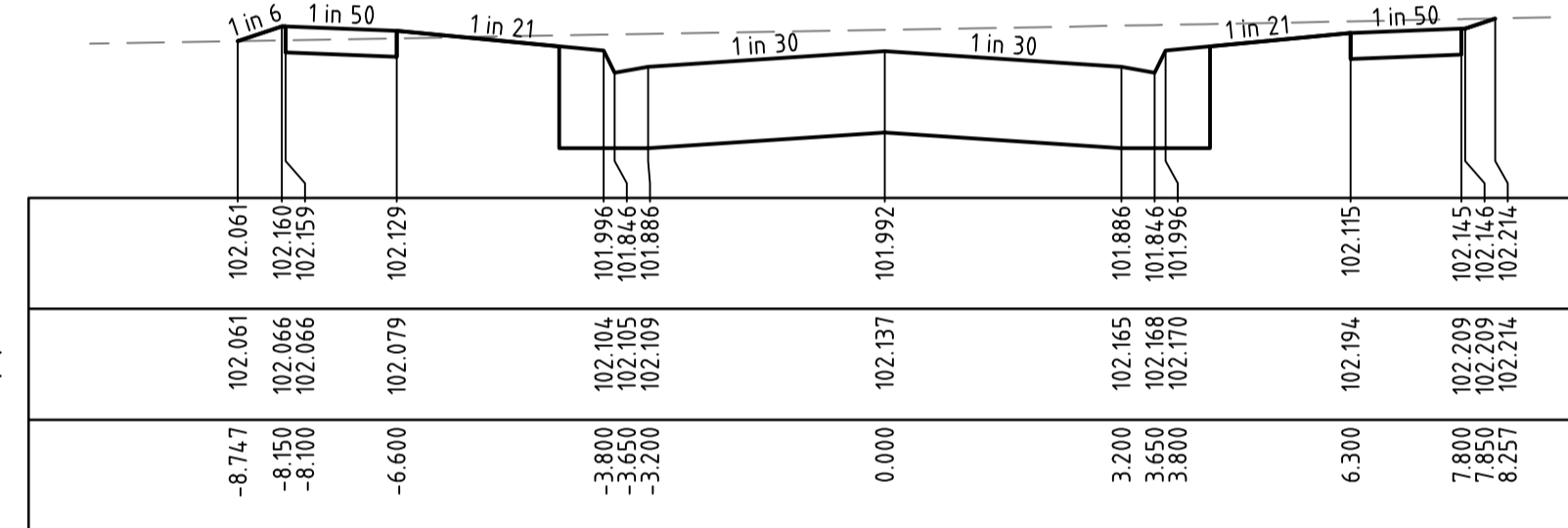
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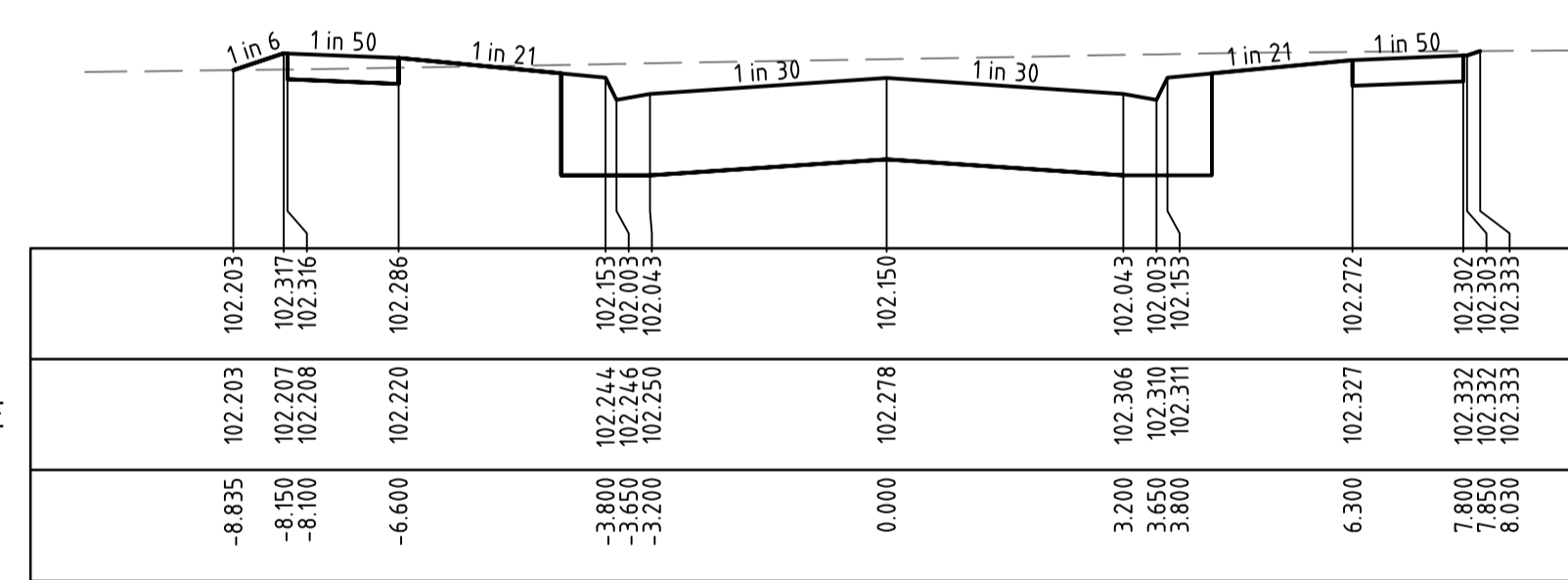
CH 133.517



CH 113.858



CH 96.858



CH 85.626

AS-CONSTRUCTED PLAN

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VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	LOT 1336 LEVELS AMENDED	19.04.22	JZ
B	CONSTRUCTION ISSUE	18.01.22	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ

LEGEND

[Pattern 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.

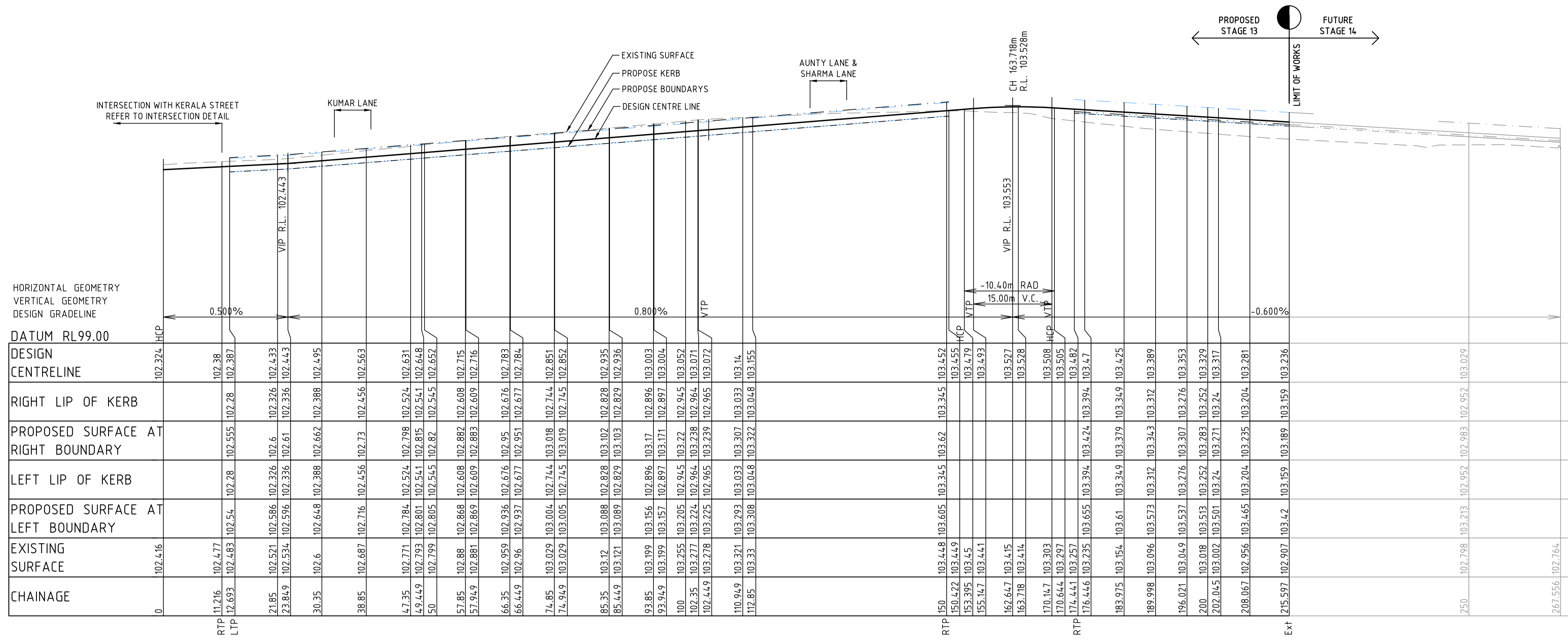
DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
CHECKED BY	L. PHAN	CHECKED BY	L. PHAN
AUTHORISED BY	S. RAVIDA	AUTHORISED BY	S. RAVIDA
DATUM	AHD	DATUM	AHD

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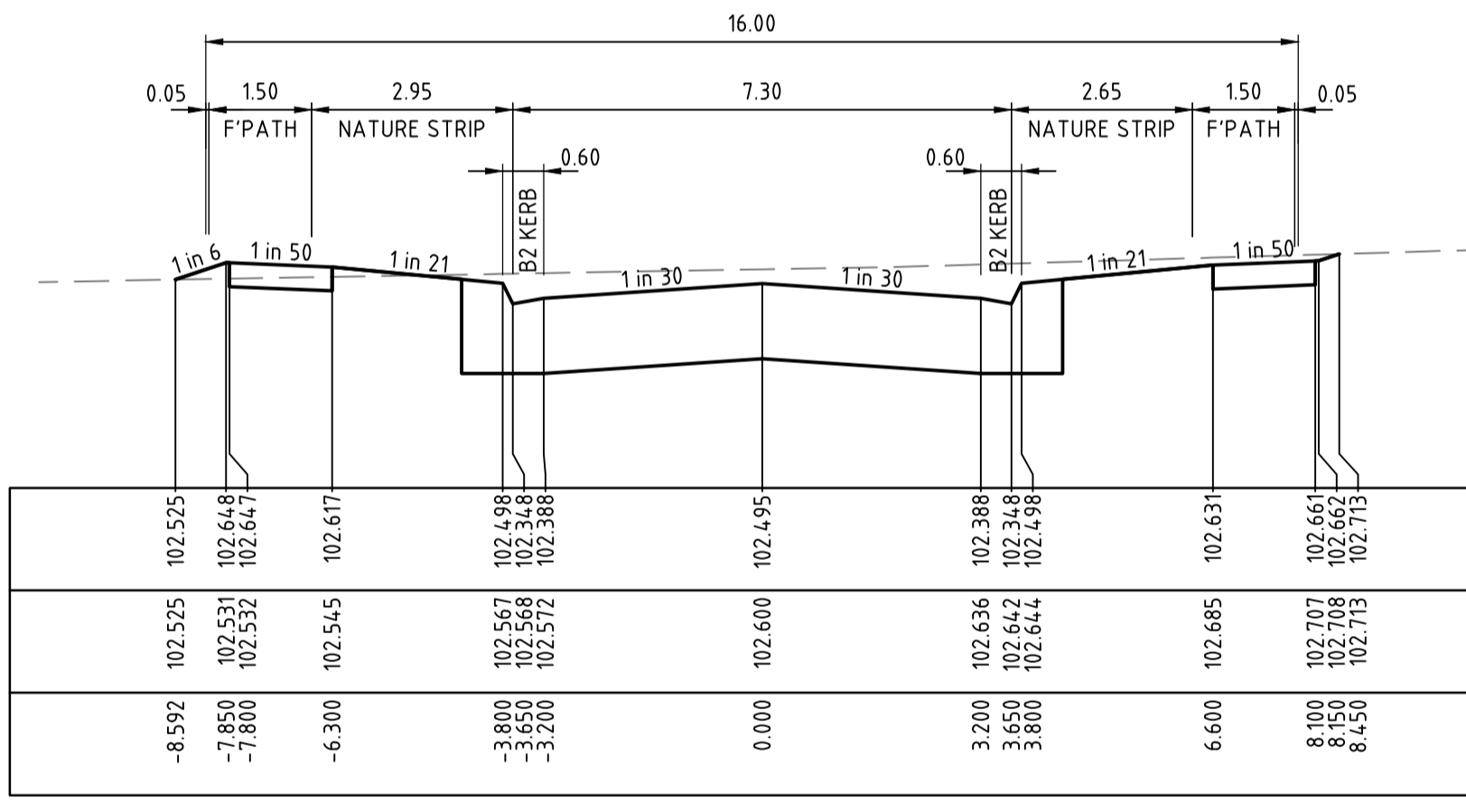
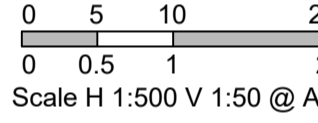
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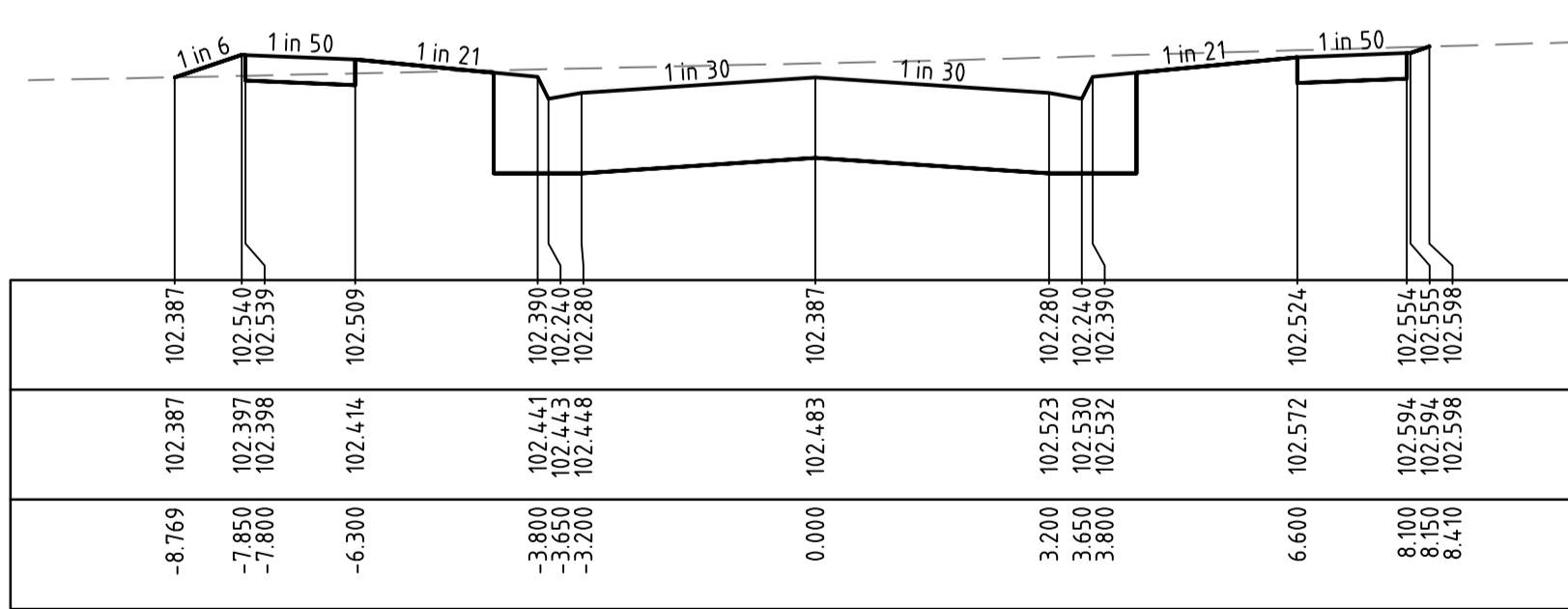
CITY OF MELTON		DRAWING No.	VERSION
BRIDGEFIELD ESTATE, ROCKBANK		13R9	D
STAGE 13		REFERENCE	
KERALA STREET		22236E/13	
LONGITUDINAL AND CROSS SECTIONS		SHEET	9 OF 36



LONGITUDINAL SECTION DELHI GROVE

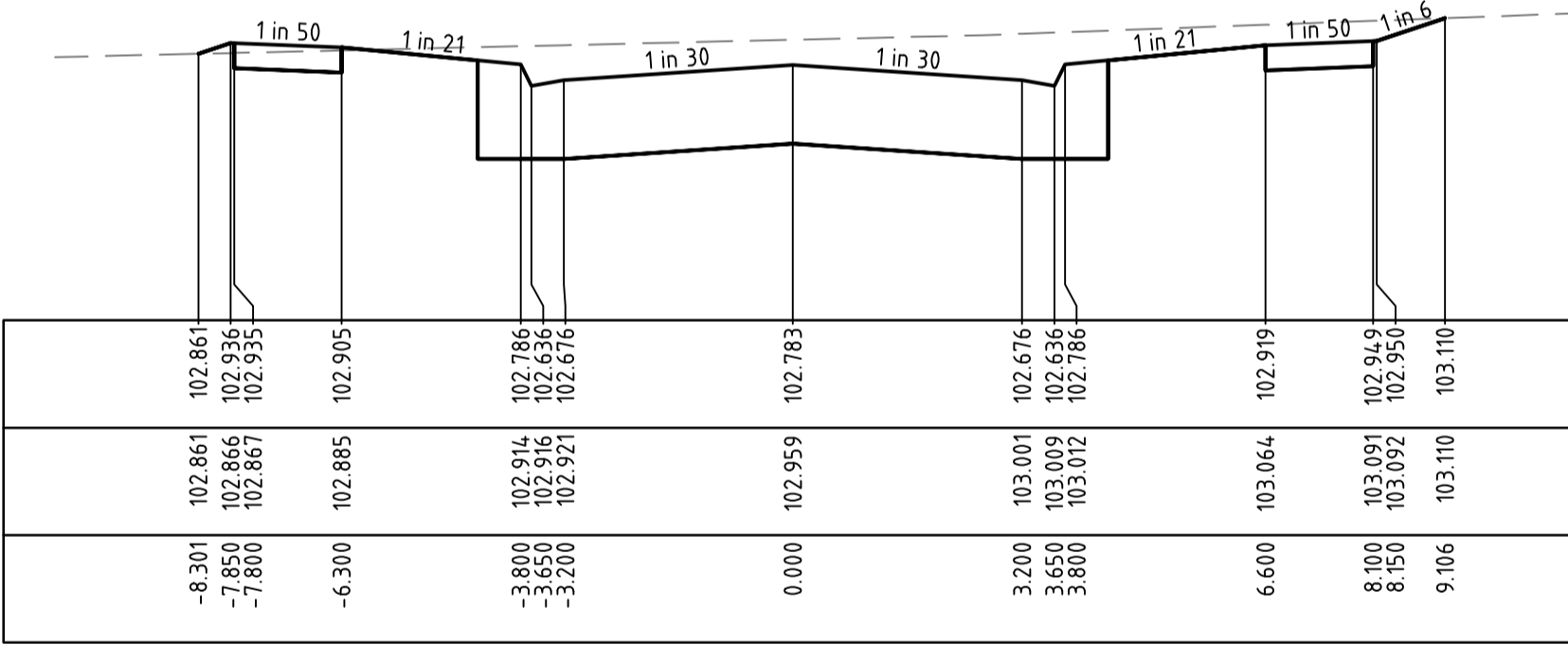
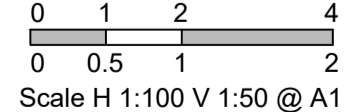


CH 30.350

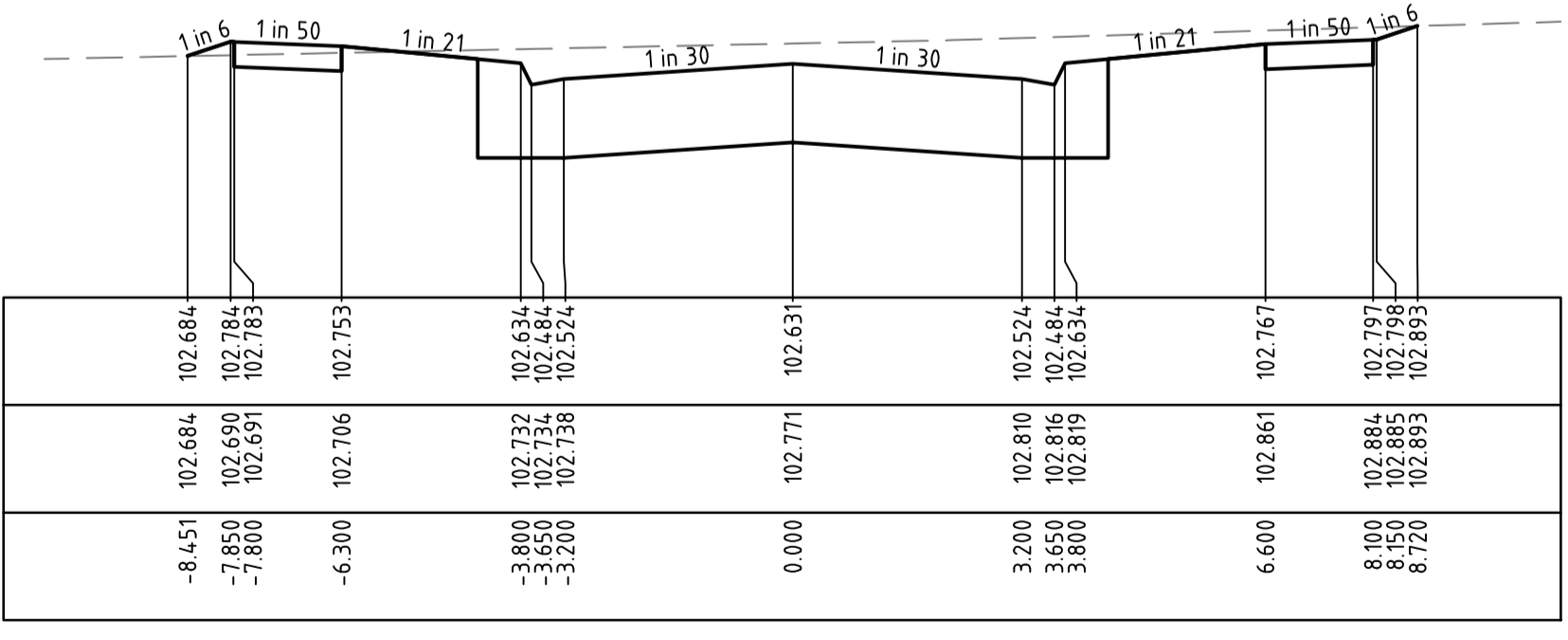


CH 12.693

CROSS SECTIONS DELHI GROVE



CH 66.350



CH 47.350

AS-CONSTRUCTED PLAN
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VERSION	REMARKS	DATE	BY
C	AS CONSTRUCTED	21.06.23	JZ
B	CONSTRUCTION ISSUE	18.01.22	JZ
A	PRELIMINARY ISSUE	23.03.2020	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		

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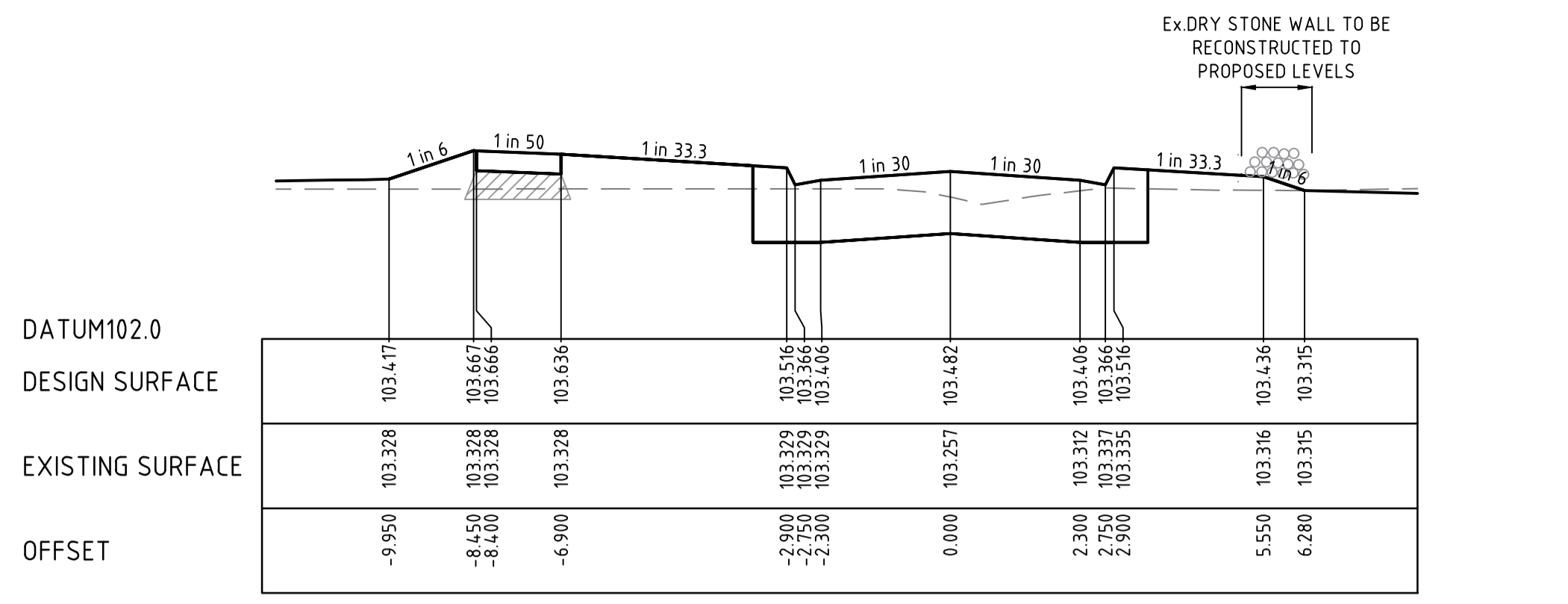
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CITY OF MELTON BRIDGEFIELD ESTATE, ROCKBANK STAGE 13 DELHI GROVE LONGITUDINAL AND CROSS SECTIONS - 1		DRAWING No. 13R10	VERSION C
		REFERENCE 22236E/13	SHEET 10 OF 36

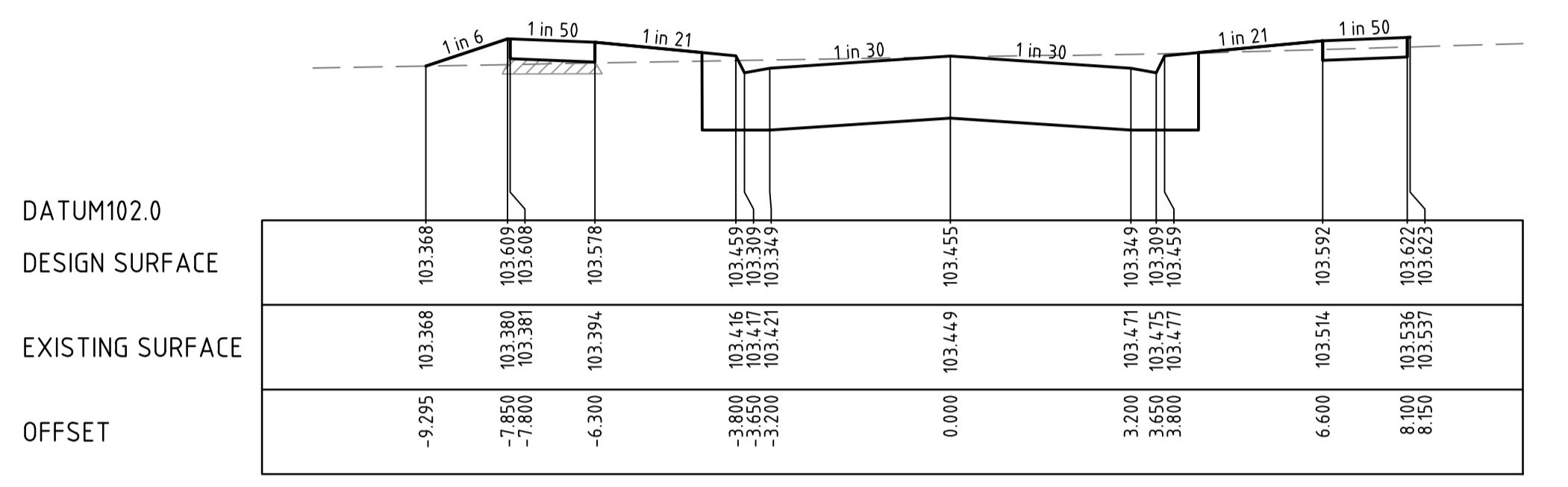
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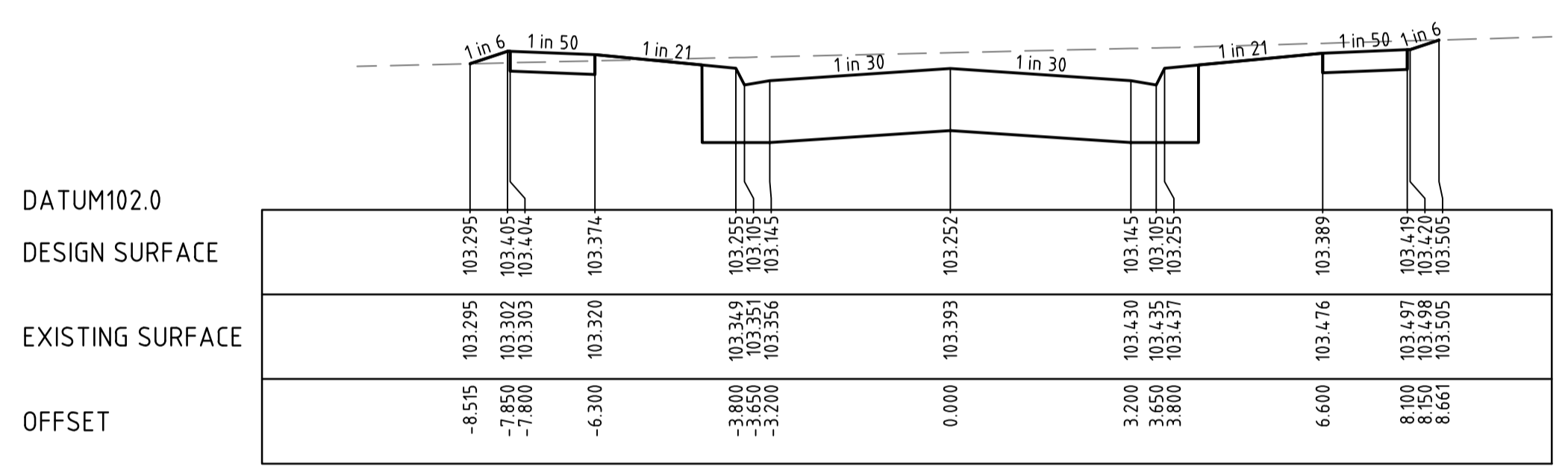
VERSION	REMARKS	DATE	BY
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B	CONSTRUCTION ISSUE	18.01.22	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ



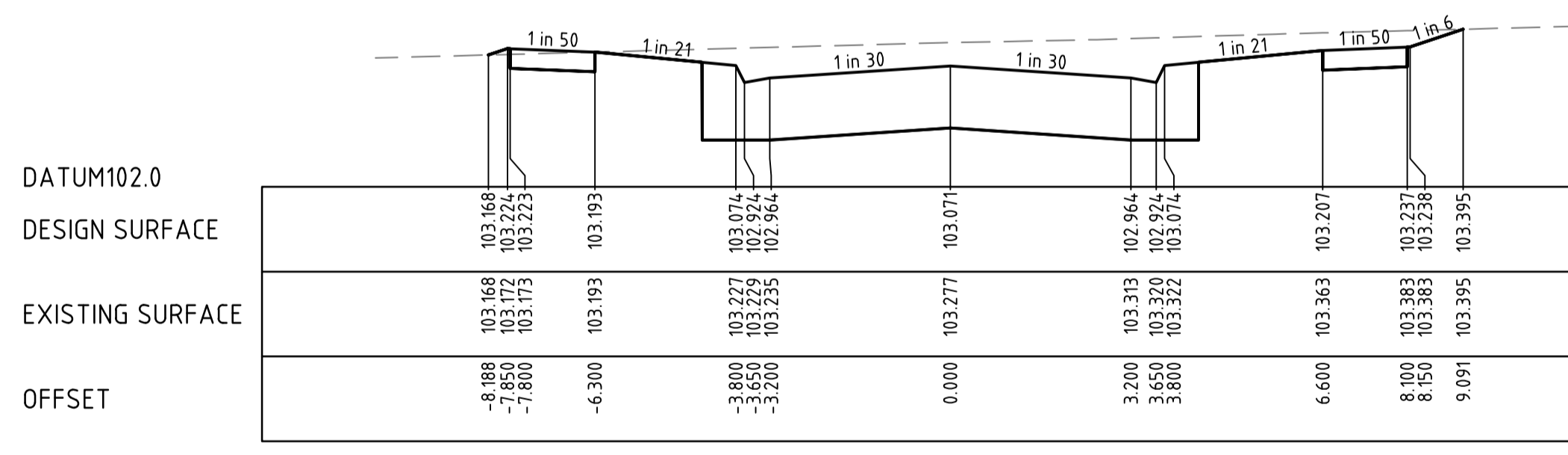
CH 174.441



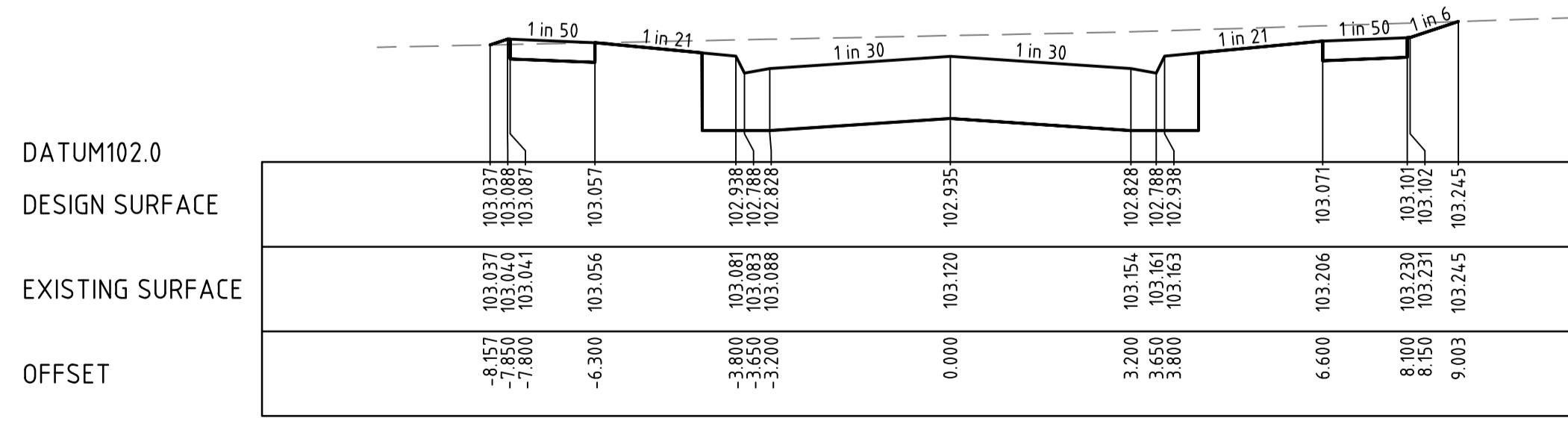
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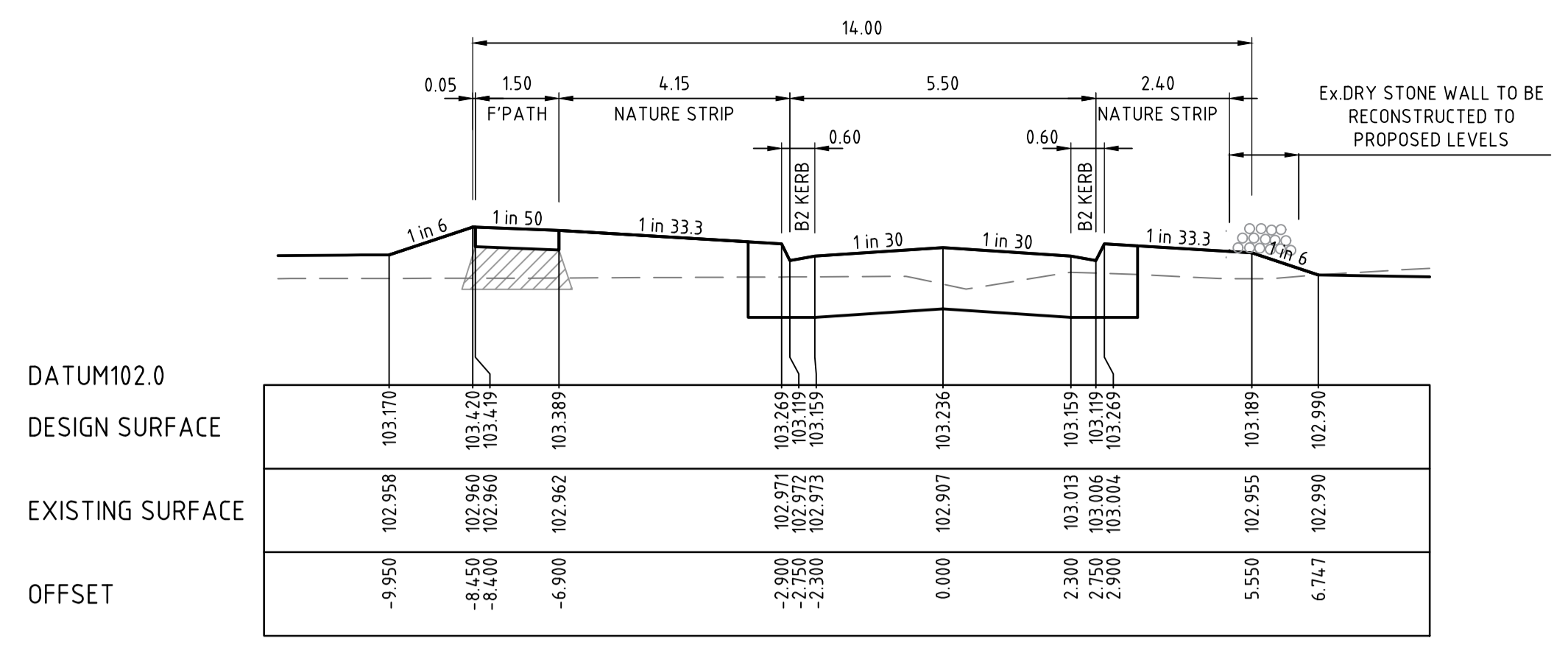
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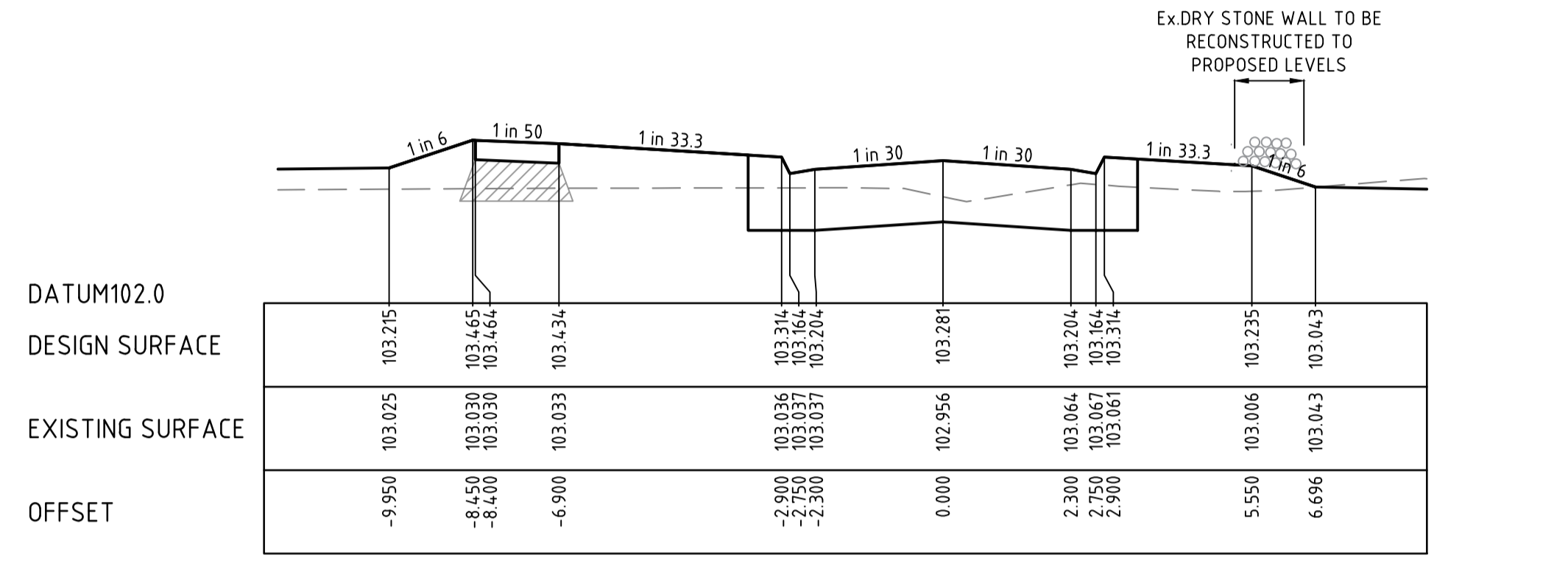
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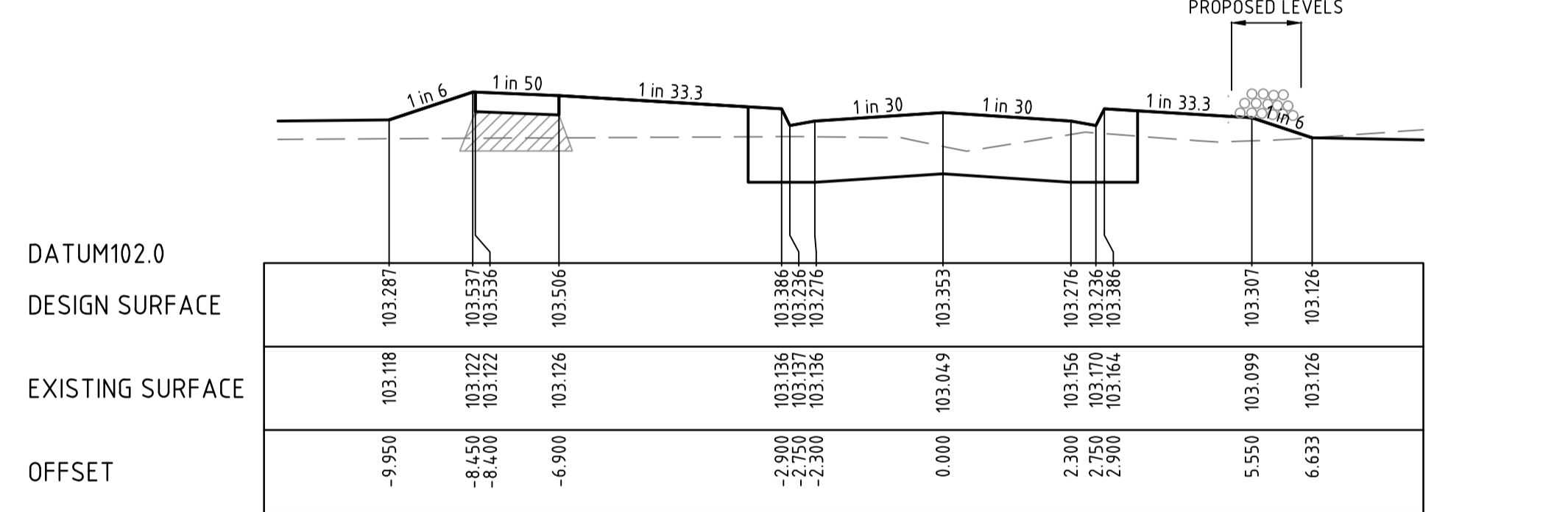
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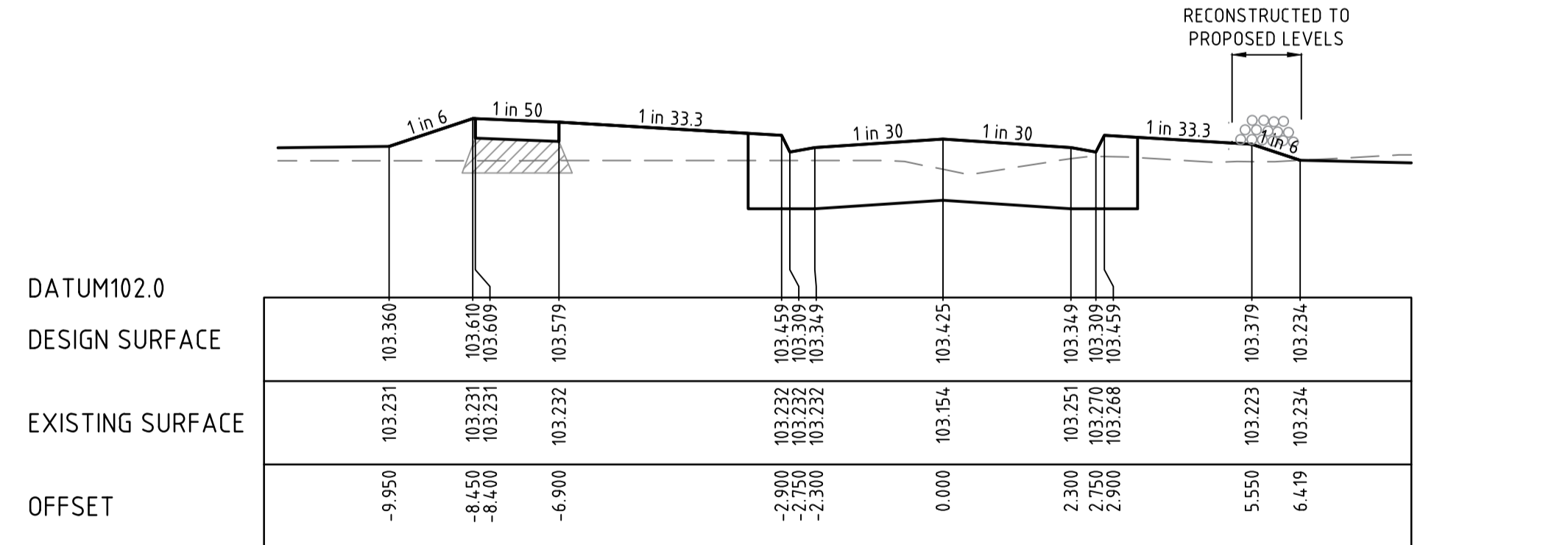
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CH 208.067

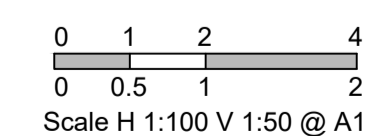


CH 196.021



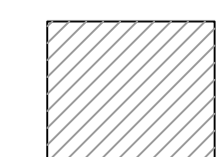
CH 183.975

CROSS SECTIONS DELHI GROVE



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.

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

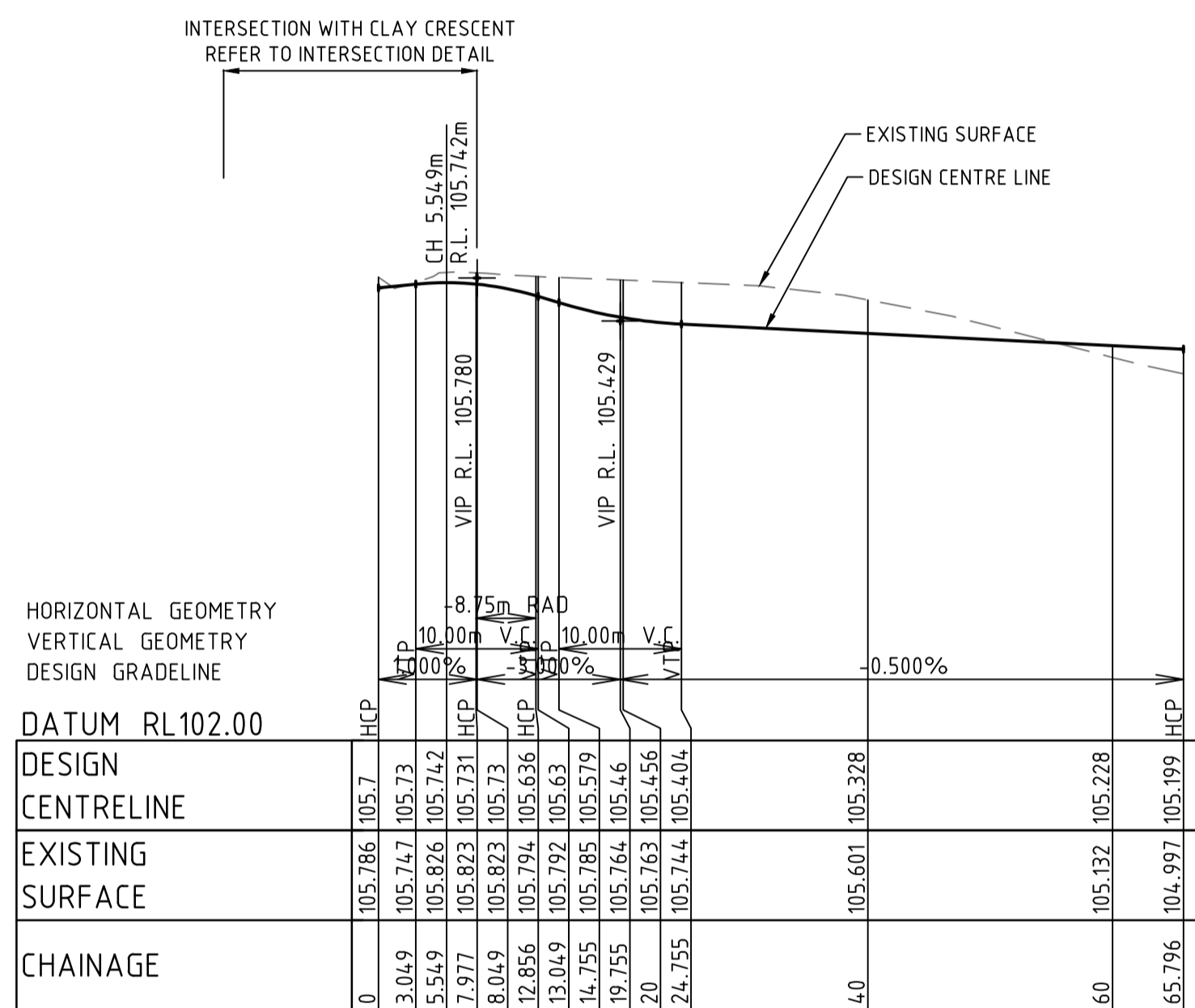
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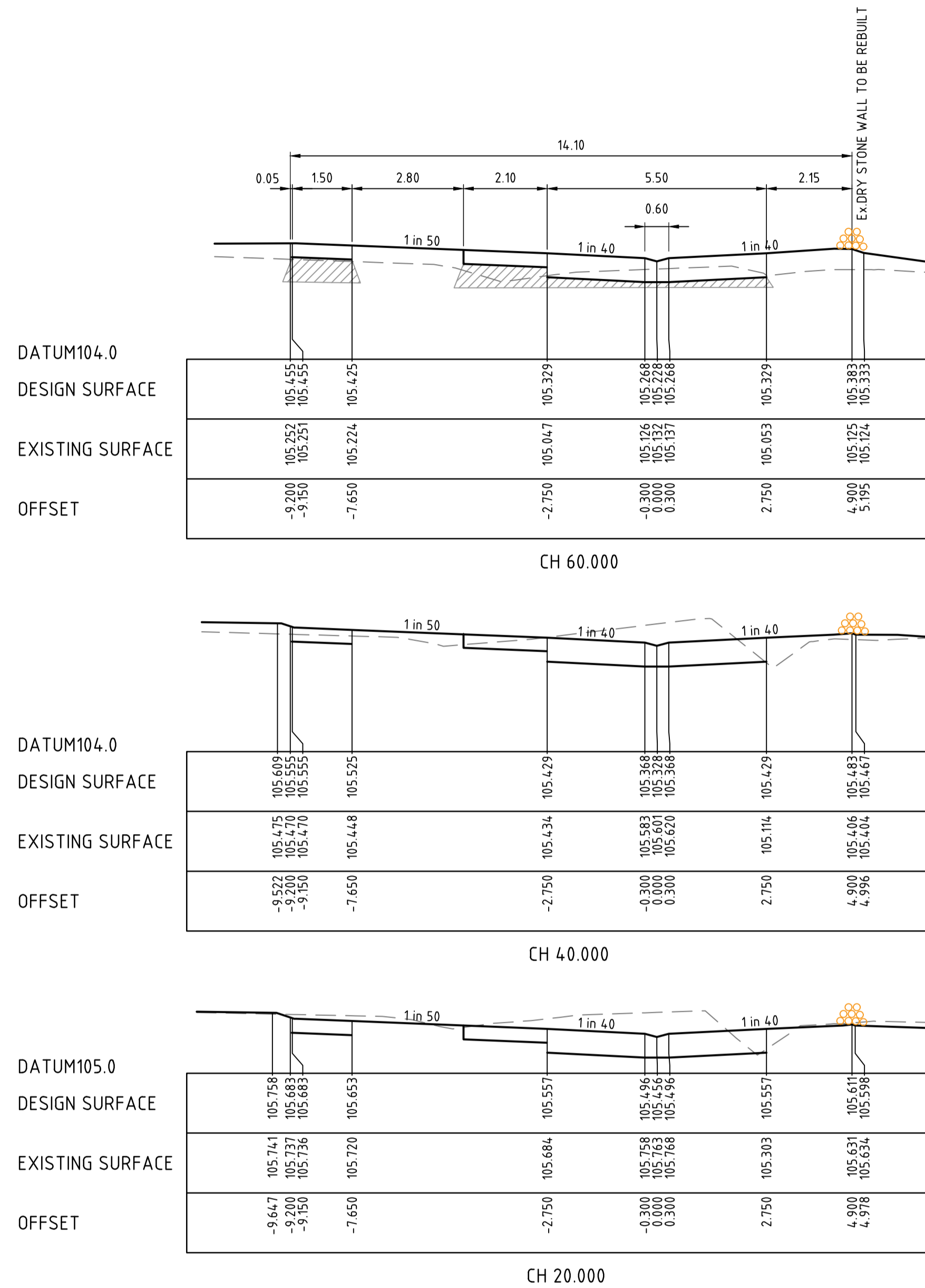
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CITY OF MELTON BRIDGEFIELD ESTATE, ROCKBANK STAGE 13 DELHI GROVE CROSS SECTIONS - 2		DRAWING No. 13R11	VERSION C
		REFERENCE 22236E/13	
		SHEET 11 OF 36	



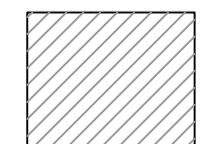
LONGITUDINAL SECTION SUNDAR PLACE



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VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	CONSTRUCTION ISSUE	18.01.2022	JZ
B	SUNDAR PLACE AMENDED	10.08.2021	JZ
A	PRELIMINARY ISSUE	23.03.2020	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



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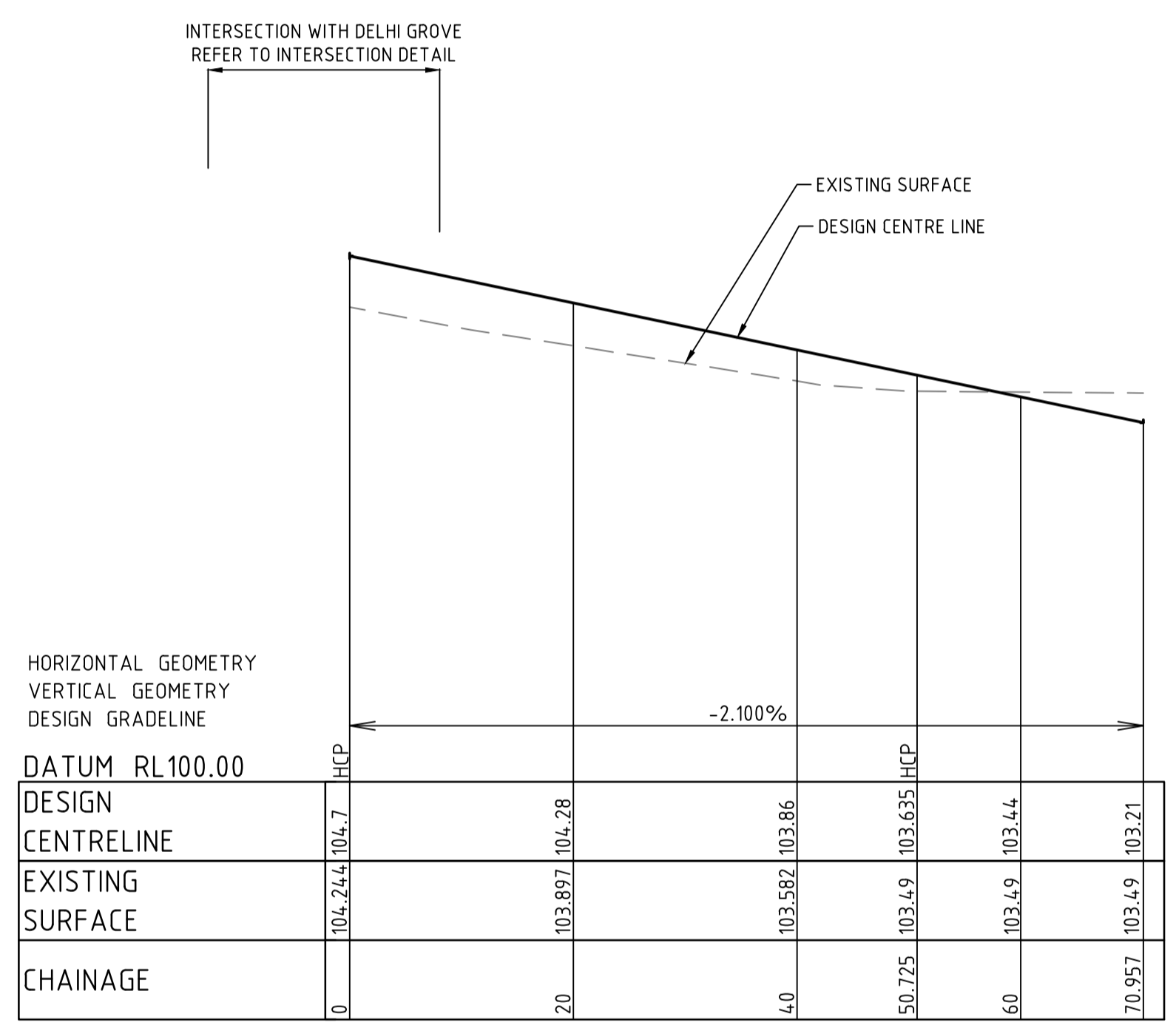
CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
SUNDAR PLACE
LONGITUDINAL AND CROSS SECTIONS

DRAWING No.	13R12	VERSION	D
REFERENCE	22236E/13		
SHEET	12	OF	36

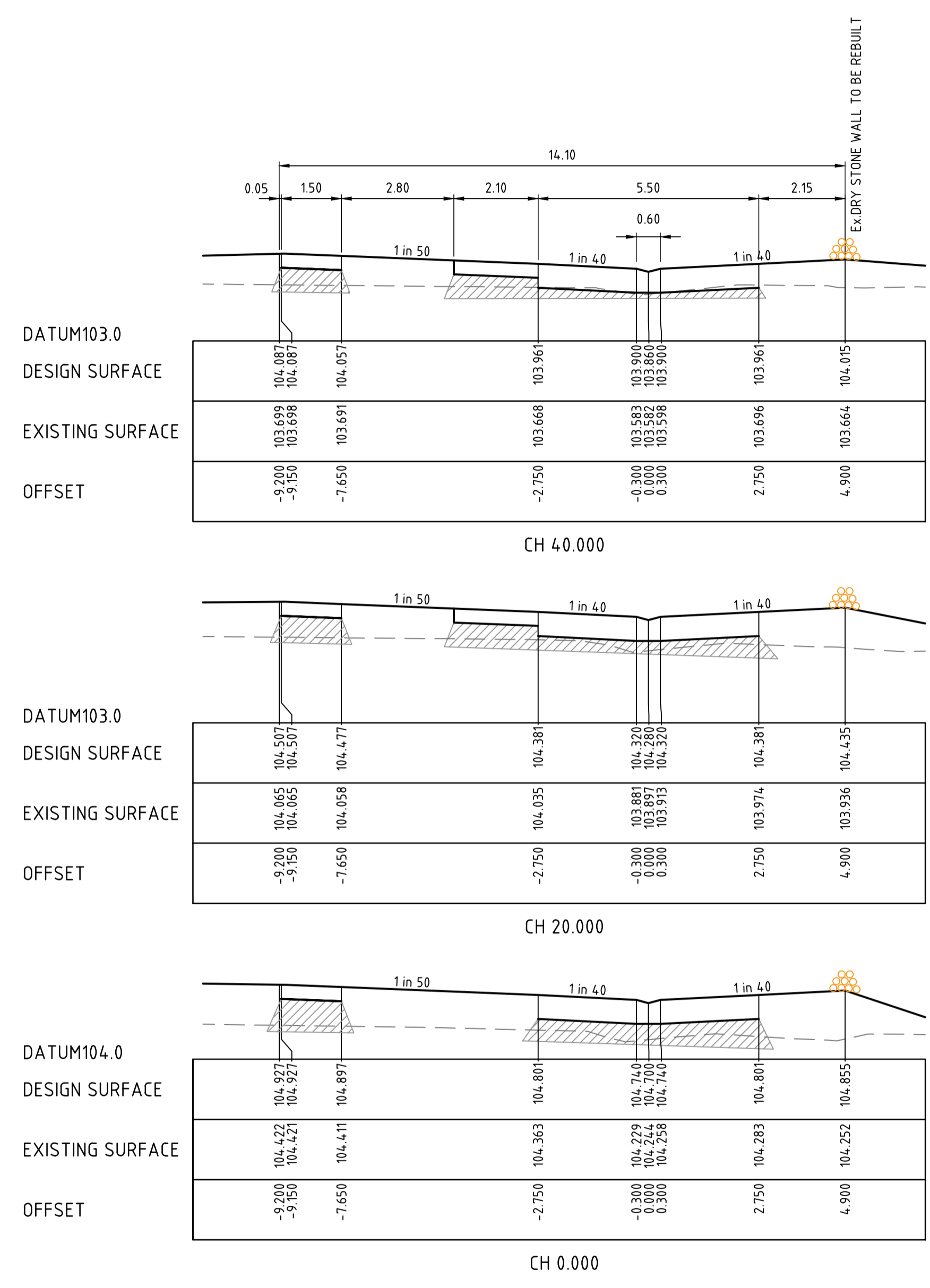
AS-CONSTRUCTED PLAN
THIS PLAN HAS BEEN PREPARED TO REFLECT THE WORKS AS PRESENTED AT END OF SUBDIVISION CONSTRUCTION. THE PLAN IS NOT BASED ON SURVEY OF THE COMPLETED WORKS. ALL LEVELS, CO-ORDINATES AND SERVICE LOCATIONS SHOWN ON THE PLANS ARE THE DESIGN INFORMATION AND SHOULD NOT BE RELIED UPON BY ANY 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:\22236E\STAGE 13\CAD\DWG\SET\ROAD AND DRAINAGE\22236E_13R12-15.DWG

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LONGITUDINAL SECTION PATEL PLACE



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VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	CONSTRUCTION ISSUE	18.01.2022	JZ
B	PATEL PLACE AMENDED	10.08.2021	JZ
A	PRELIMINARY ISSUE	23.03.2020	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

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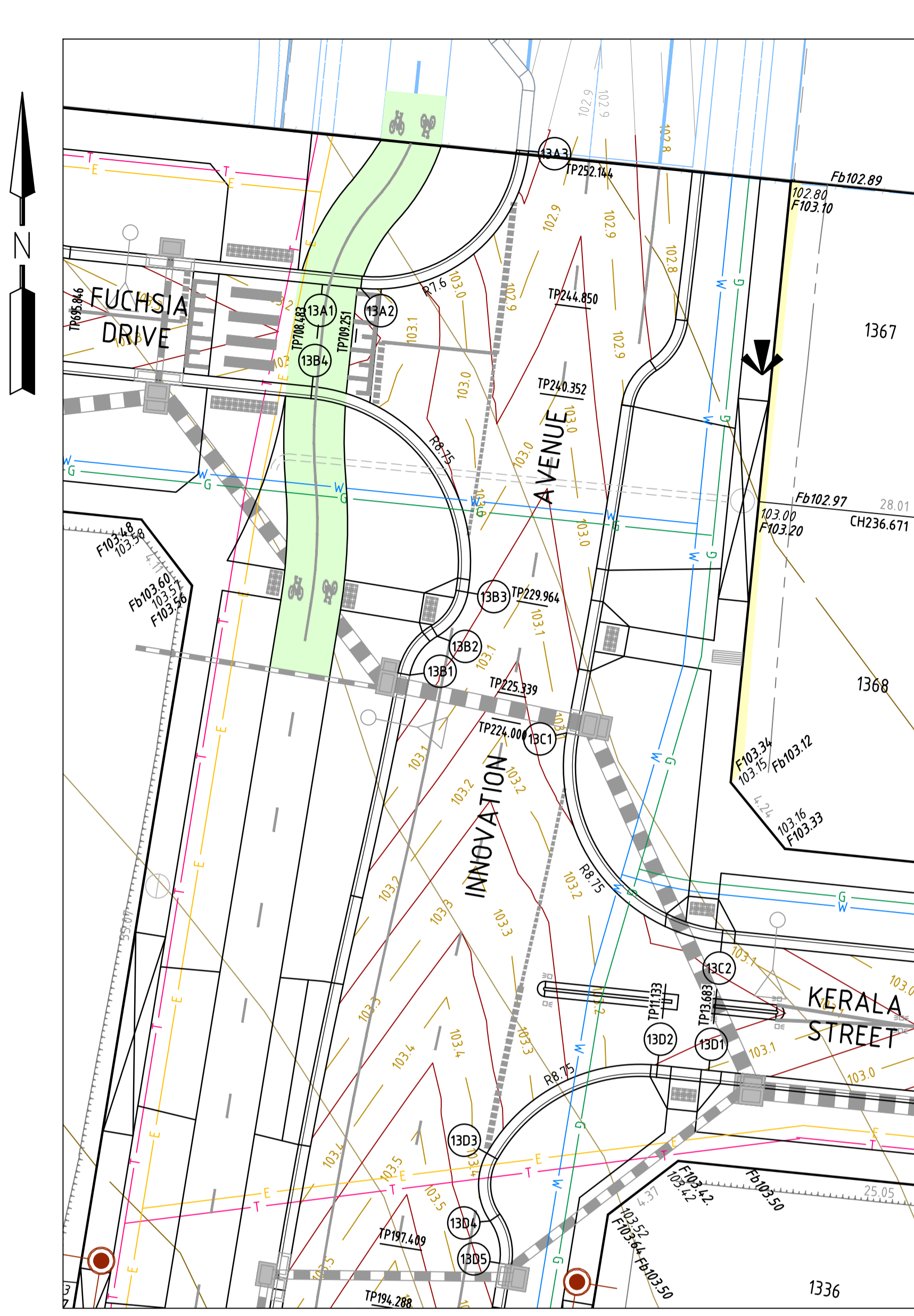
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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
PATEL PLACE
LONGITUDINAL AND CROSS SECTIONS

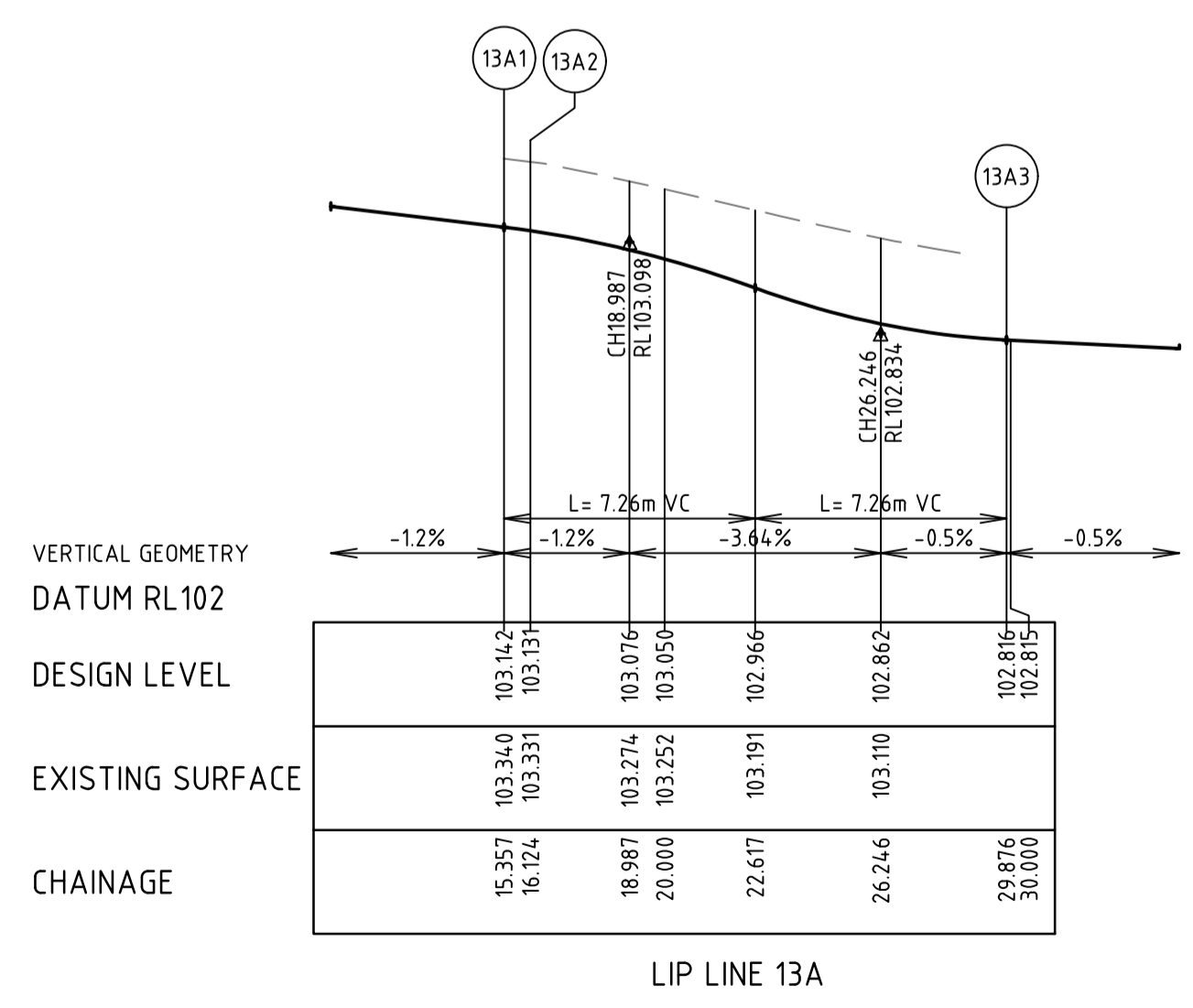
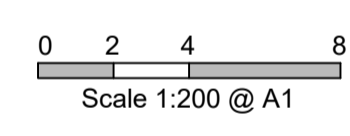
AS-CONSTRUCTED PLAN

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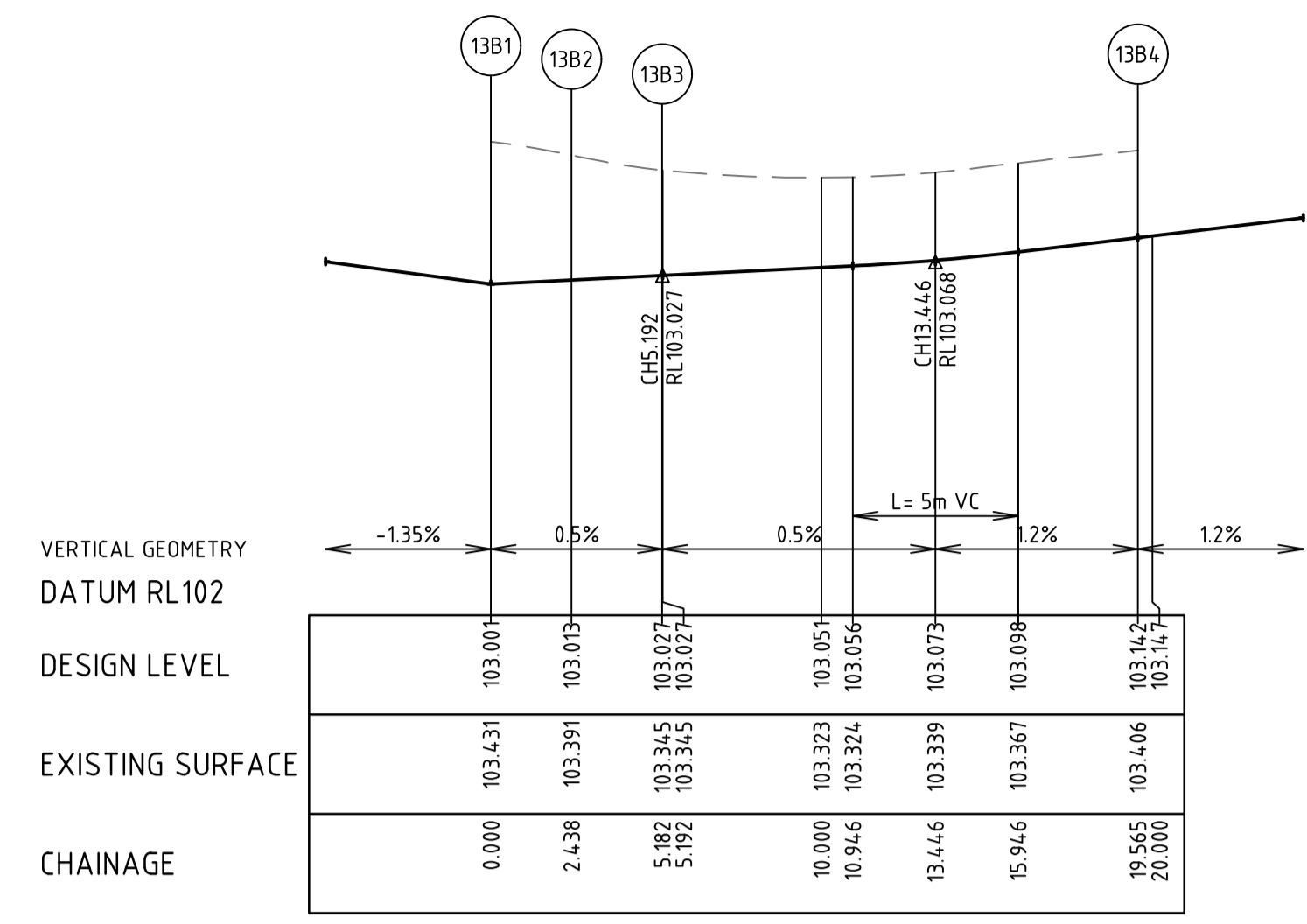
DRAWING No.	13R13	VERSION	D
REFERENCE	22236E/13		
SHEET	13	OF	36



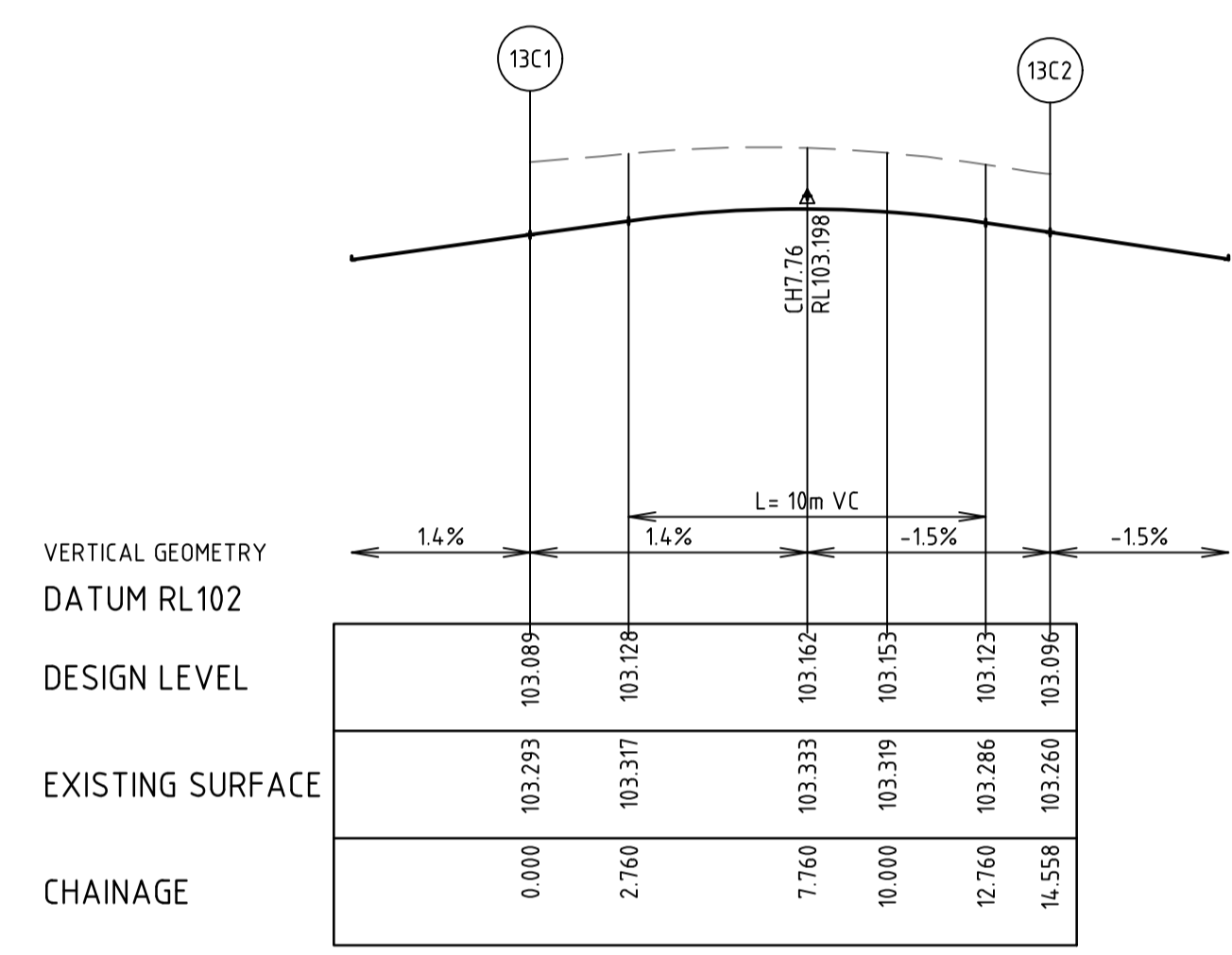
FUCHSIA DRIVE, INNOVATION AVENUE & KERALA STREET INTERSECTION DETAIL



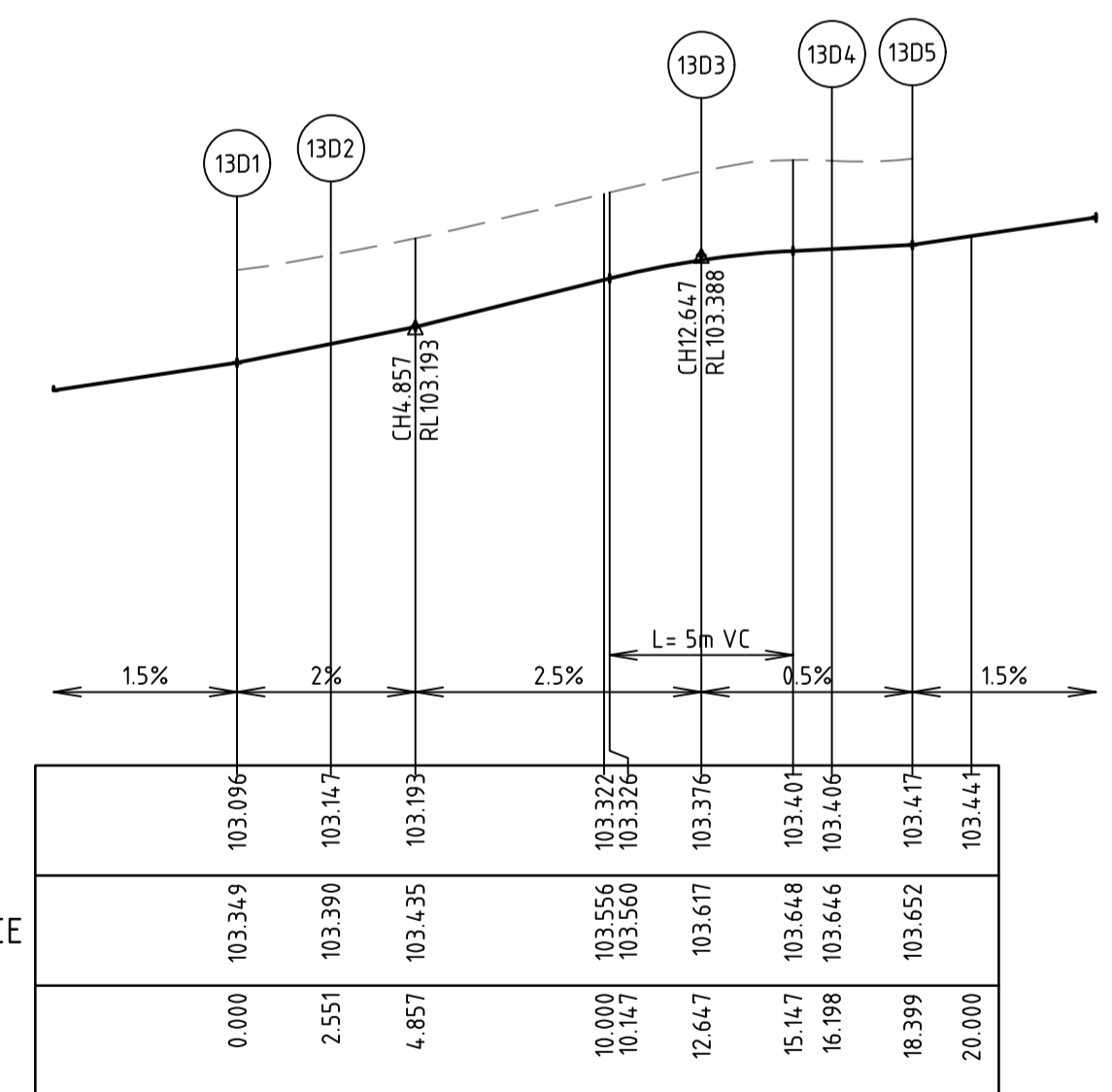
LIP LINE 13A



LIP LINE 13B

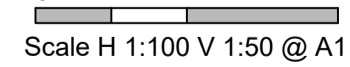


LIP LINE 13C



LIP LINE 13D

LIP PROFILE

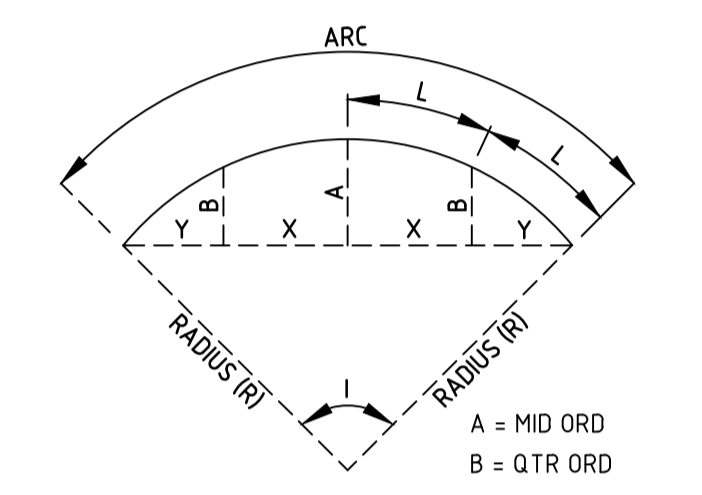


LEGEND

- 108.4 PAVEMENT CONTOURS
- PAVEMENT CONTOURS
- ALIGNMENT SETOUT POINT
- TACTILE GROUND SURFACE INDICATORS (TGS) - REFER COUNCIL STD SD 3-1 & AS1428.4
- TGS LATERAL MARKER
- TGS DIRECTIONAL MARKER
- TGS 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 RADII REFER TO LIP OF KERB UNLESS NOTED OTHERWISE

Alignment 13A

Point no	Easting	Northing	RL
13A1	294.051.775	5820226.854	103.142
13A2	294.052.538	5820226.776	103.131
13A3	294.062.126	5820234.609	102.816

Curve no	I	Radius	Arc	A	B	X	Y	l	Mid point RL
13A2 - 13A3	90.050	8.750	13.752	2.566	1.899	3.350	2.840	3.438	102.952

Alignment 13B

Point no	Easting	Northing	RL
13B1	294.056.109	5820207.452	103.001
13B2	294.057.477	5820209.381	103.013
13B3	294.058.998	5820211.560	103.027
13B4	294.051.261	5820221.779	103.142

Curve no	I	Radius	Arc	A	B	X	Y	l	Mid point RL
13B1 - 13B2	49.018	2.850	2.438	0.257	0.192	0.605	0.577	0.610	103.007
13B2 - 13B3	49.901	3.150	2.743	0.294	0.220	0.680	0.648	0.686	103.020
13B3 - 13B4	94.186	8.750	14.384	2.793	2.064	3.496	2.913	3.596	103.064

Alignment 13C

Point no	Easting	Northing	RL
13C1	294.063.905	5820204.581	103.089
13C2	294.071.610	5820194.191	103.096

Curve no	I	Radius	Arc	A	B	X	Y	l	Mid point RL
13C1 - 13C2	95.325	8.750	14.558	2.857	2.111	3.535	2.933	3.639	103.162

Alignment 13D

Point no	Easting	Northing	RL
13D1	294.070.966	5820187.823	103.096
13D2	294.068.428	5820188.080	103.147
13D3	294.059.944	5820183.705	103.376
13D4	294.060.099	5820180.343	103.406
13D5	294.060.575	5820178.249	103.417

Curve no	I	Radius	Arc	A	B	X	Y	l	Mid point RL
13D2 - 13D3	66.113	8.750	10.096	1.416	1.055	2.489	2.284	2.524	103.262
13D3 - 13D4	64.594	3.150	3.551	0.487	0.363	0.876	0.807	0.888	103.396
13D4 - 13D5	44.244	2.850	2.201	0.210	0.157	0.547	0.526	0.550	103.411

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

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VERSION	REMARKS	DATE	BY
C	AS CONSTRUCTED	21.06.23	JZ
B	CONSTRUCTION ISSUE	18.01.22	JZ
A	PRELIMINARY ISSUE	23.03.20	JZ

- DRAIN, PROPERTY INLET & PIT
- EX DRAIN & PIT
- HOUSE DRAIN
- S SEWER AND MAINTENANCE HOLE
- ExS EX SEWER AND MAINTENANCE HOLE
- W WATER MAIN
- F-H EX WATER MAIN, VALVE & HYDRANT
- G GAS MAIN
- ExG EX GAS MAIN, VALVE
- T TELSTRA SERVICES & PITS
- ExT EX TELSTRA SERVICES & PITS
- RW RECYCLED WATER
- ExRW EX RECYCLED WATER
- E ELECTRICAL U.G. SERVICES
- ExE EX ELECTRICAL U.G. SERVICES
- L LIGHT
- P POLE & PIT
- GW EX ELECTRICAL OVERHEADS
- EX EX ELECTRICAL OVERHEADS
- G-W GAS & WATER CONDUITS
- TOP OF BATTER
- TOE OF BATTER
- F FINISHED SURFACE AFTER CUTTING OR FILLING
- Fb 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
- EX FENCE
- EX WALL OR BUILDING

DRAWN BY	DESIGNED BY	DATE	CHECKED BY	AUTHORISED BY
N. KASHA	J. ZHOU	34.4.12	L. PHAN	S. RAVIDA

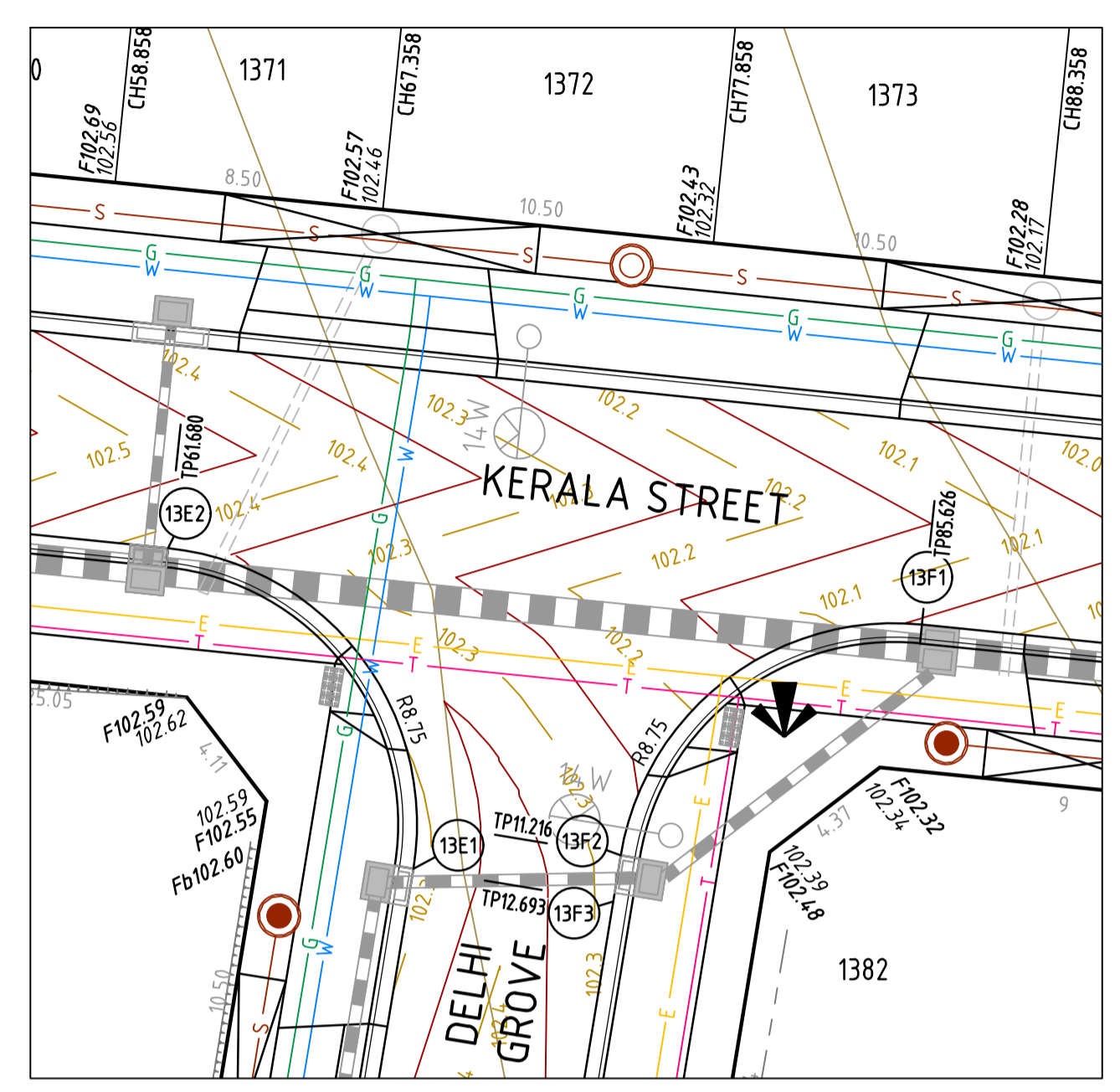
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AHD	34.4.12	S. RAVIDA

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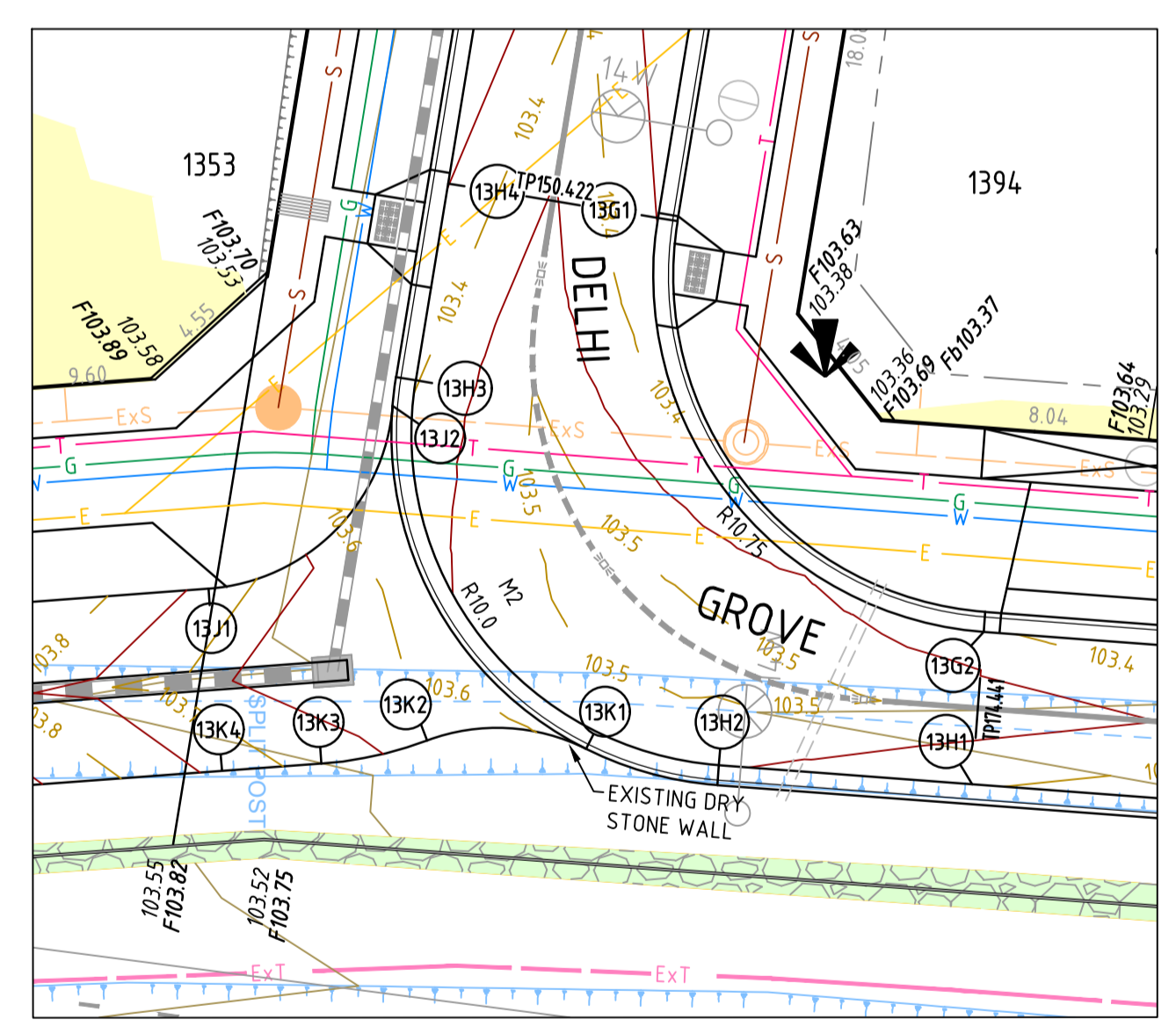
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BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
INTERSECTION DETAILS AND LIP PROFILE - 1

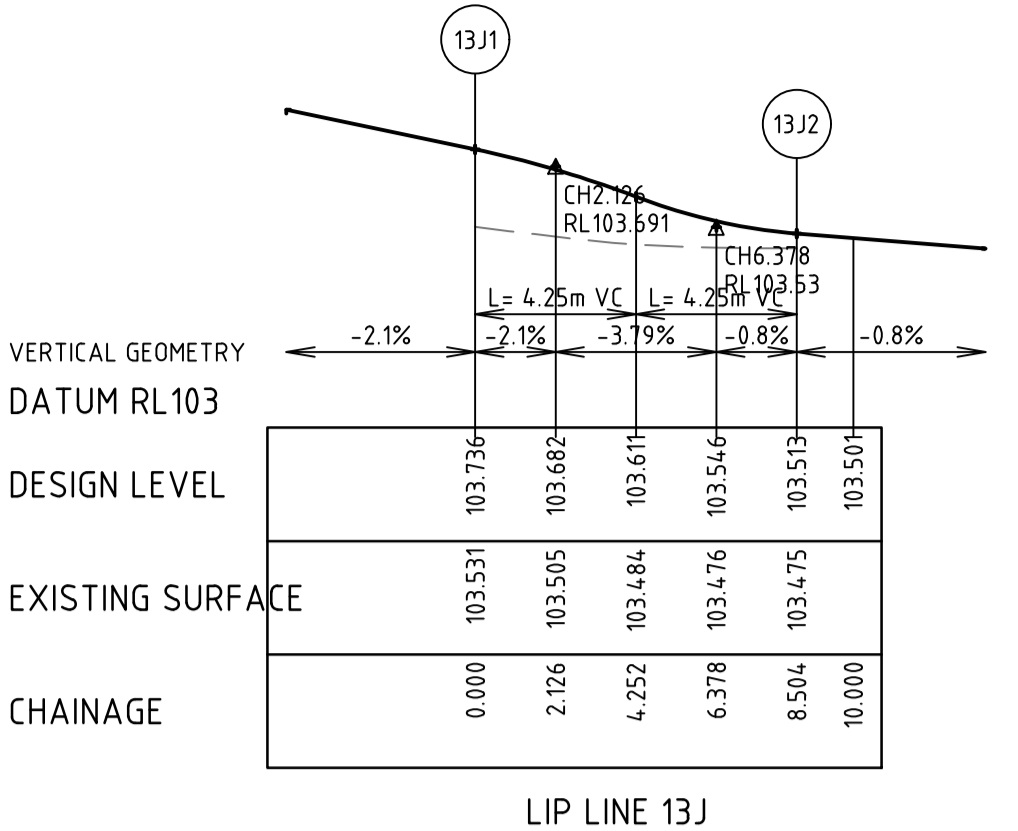
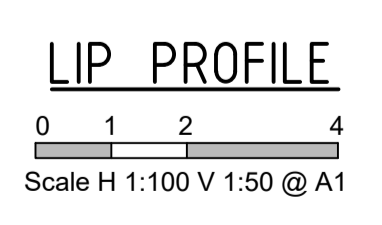
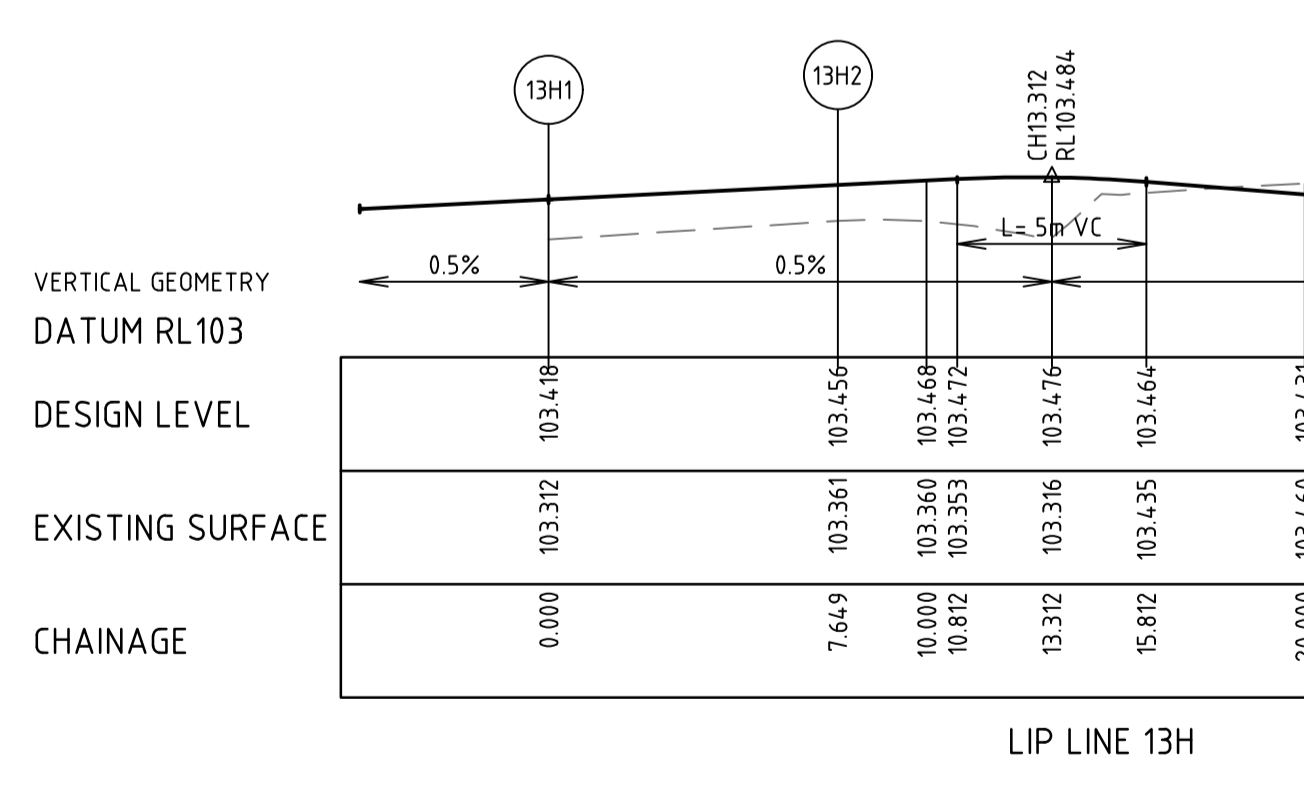
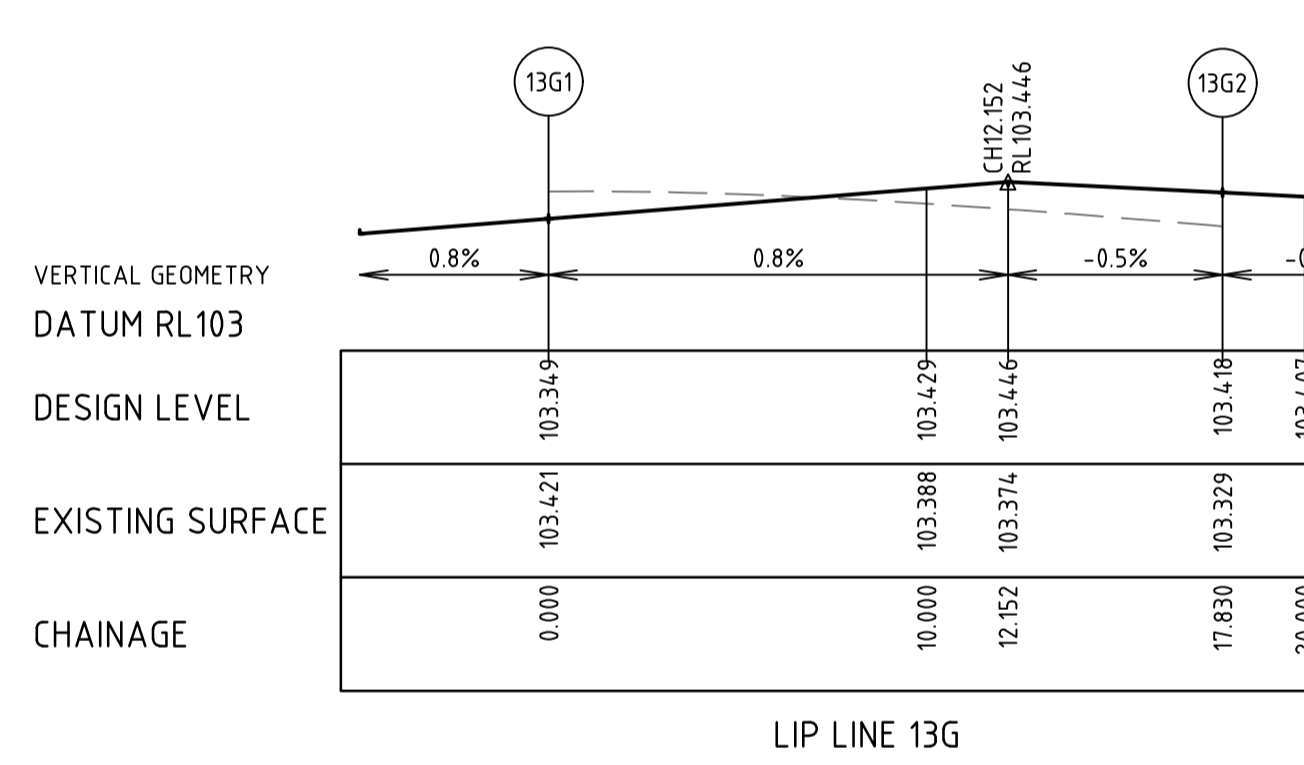
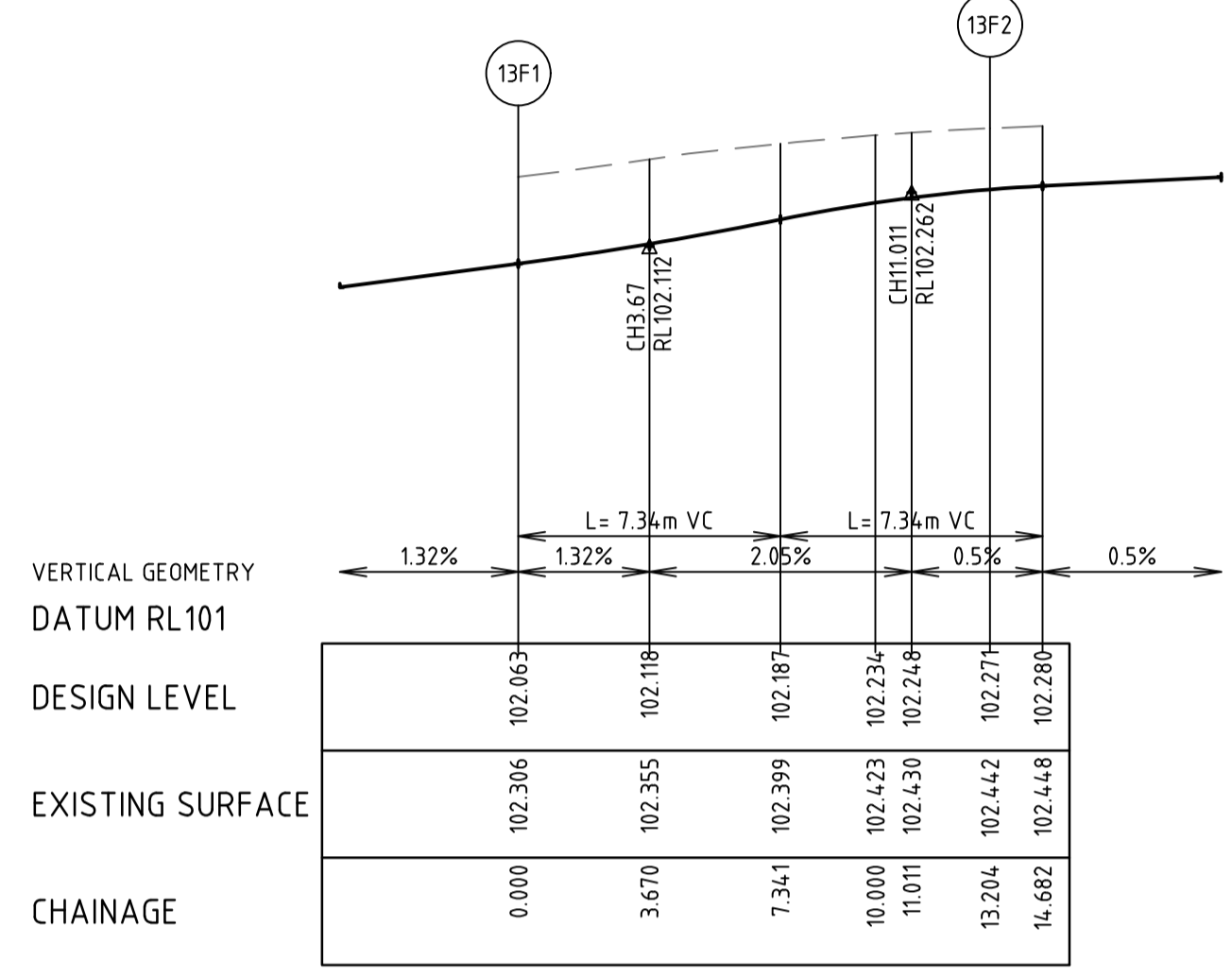
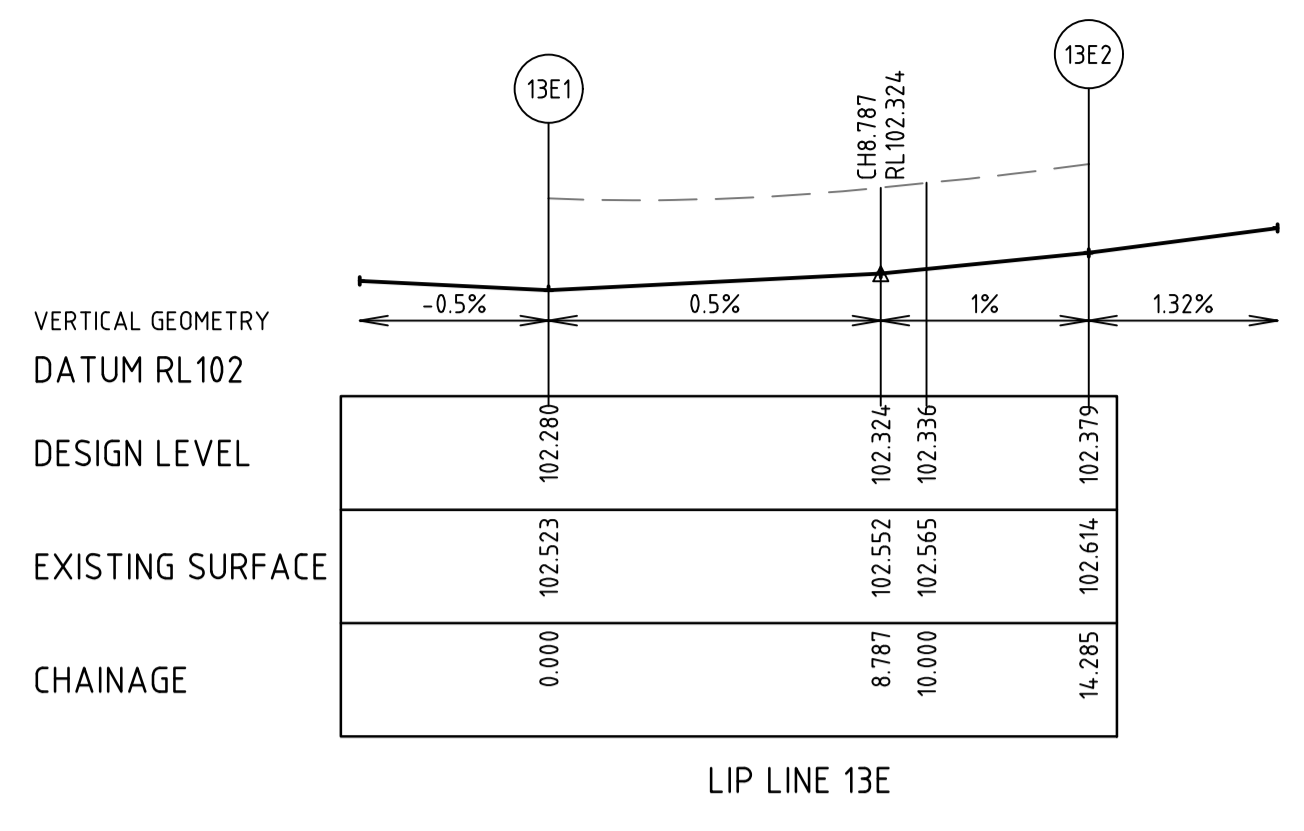
DRAWING No.	VERSION
13R16	C
REFERENCE	22236E/13
SHEET	16 OF 36



KERALA STREET & DELHI GROVE INTERSECTION DETAIL
Scale 1:200 @ A1



DELHI GROVE (LOT 1345 & 1385) INTERSECTION DETAIL
Scale 1:200 @ A1



Alignment 13E

Point no	Easting	Northing	RL
13E1	294126.473	5820172.869	102.280
13E2	294118.719	5820182.991	102.379

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
13E1 - 13E2	93.537	8.750	14.285	2.757	2.038	3.473	2.902	3.571	102.316

Alignment 13F

Point no	Easting	Northing	RL
13F1	294142.543	5820180.581	102.063
13F2	294133.027	5820173.291	102.271
13F3	294132.788	5820171.833	102.280

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
13F1 - 13F2	86.463	8.750	13.204	2.375	1.759	3.223	2.770	3.301	102.172

Alignment 13G

Point no	Easting	Northing	RL
13G1	294110.495	5820035.921	103.349
13G2	294120.301	5820023.461	103.418

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
13G1 - 13G2	95.032	10.750	17.830	3.490	2.579	4.331	3.597	4.458	103.420

Alignment 13H

Point no	Easting	Northing	RL
13H1	294119.957	5820018.874	103.418
13H2	294112.330	5820019.445	103.456
13H3	294103.208	5820031.036	103.397
13H4	294104.180	5820036.957	103.349

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
13H2 - 13H3	95.032	10.000	16.586	3.246	2.399	4.029	3.346	4.147	103.463

Alignment 13J

Point no	Easting	Northing	RL
13J1	294096.970	5820024.759	103.736
13J2	294102.510	5820030.264	103.513

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
13J1 - 13J2	81.206	6.000	8.504	1.445	1.072	2.082	1.823	2.126	103.611

Alignment 13K

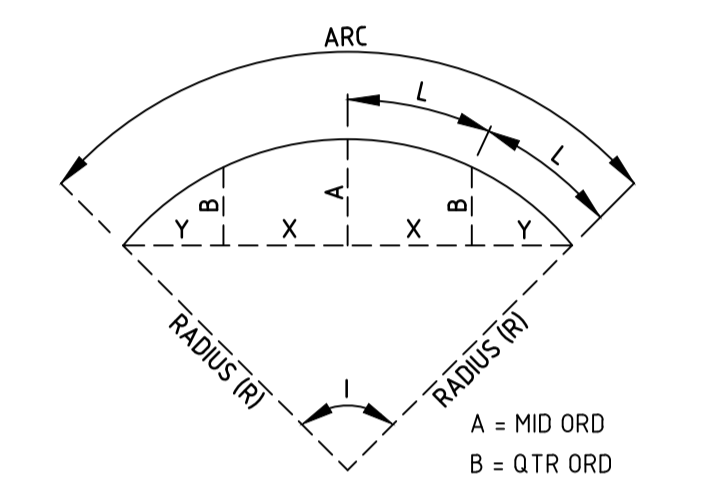
Point no	Easting	Northing	RL
13K1	294108.334	5820019.937	103.584
13K2	294103.548	5820020.191	103.634
13K3	294100.366	5820019.495	103.678
13K4	294097.374	5820019.274	103.736

Curve no	l	Radius	Arc	A	B	X	Y	l	Mid point RL
13K1 - 13K2	47.076	6.000	4.930	0.499	0.373	1.224	1.172	1.232	103.609
13K2 - 13K3	16.284	11.500	3.268	0.116	0.087	0.816	0.812	0.817	103.653

LEGEND

- 108.4 PAVEMENT CONTOURS
- 13E1 ALIGNMENT SETOUT POINT
- TGSI TACTILE GROUND SURFACE INDICATORS (TGS) - REFER COUNCIL STD SD 3-1 & AS1428.4
- TGSI TGS LATERAL MARKER
- TGSI TGS DIRECTIONAL MARKER
- TGSI TGS WARNING MARKER

- NOTES**
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 - SIGNS, LINEMARKING AND RRPMS SHALL BE INSTALLED IN ACCORDANCE WITH AS1742 "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" UNLESS INDICATED OTHERWISE.
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1. ALL DIMENSIONS, SETOUT POINTS AND RADII REFER TO LIP OF KERB UNLESS NOTED OTHERWISE

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.

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VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	CONSTRUCTION ISSUE	18.01.22	JZ
B	PATEL PLACE AMENDED	06.08.21	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ

LEGEND

- 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
- EX FENCE
- EX WALL OR BUILDING
- 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
- EX DRAIN & PIT
- HOUSE DRAIN
- EX 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
- EX ELECTRICAL ASSETS
- EX ELECTRICAL OVERHEADS
- GAS & WATER CONDUITS
- TOP OF BATTER
- TOE OF BATTER
- STREET SIGN
- DRAINAGE PIT No.
- TBM

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

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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
INTERSECTION DETAILS AND LIP PROFILE - 2

DRAWING No.	13R17	VERSION	D
REFERENCE	22236E/13		
SHEET	17	OF	36

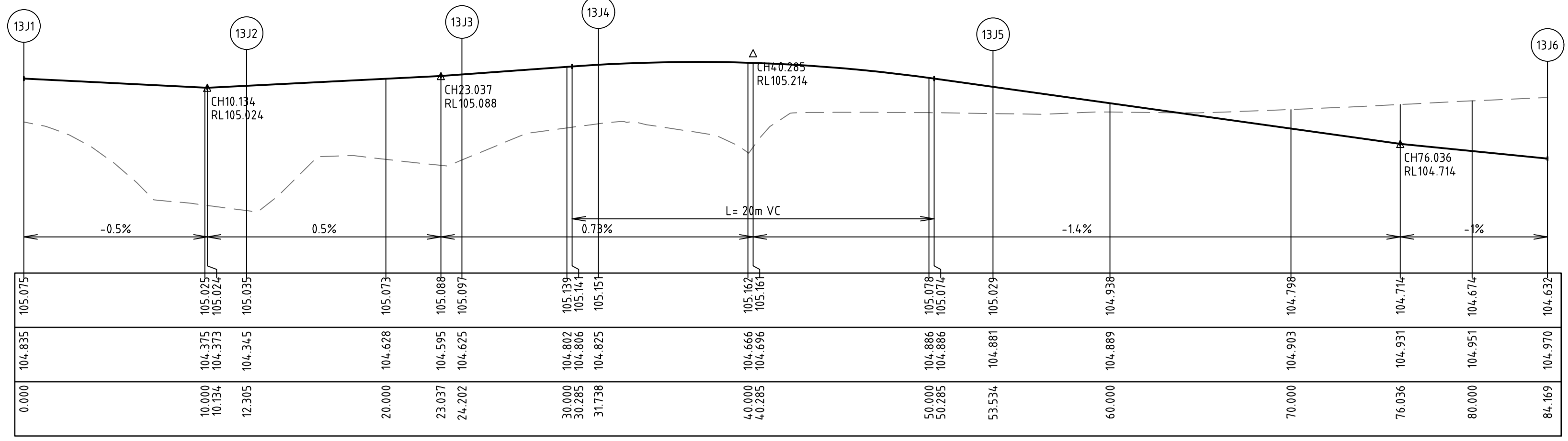


VERTICAL GEOMETRY
DATUM RL104

DESIGN LEVEL

EXISTING SURFACE

CHAINAGE

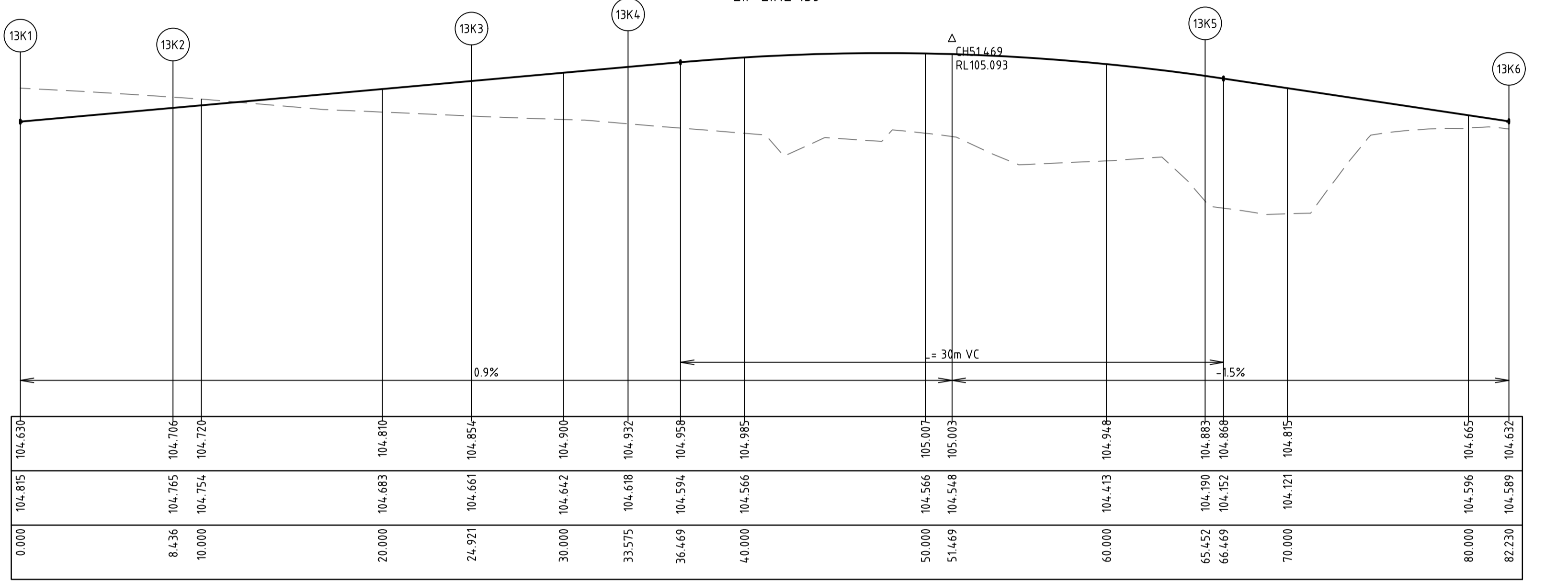


VERTICAL GEOMETRY
DATUM RL103

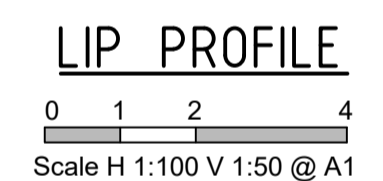
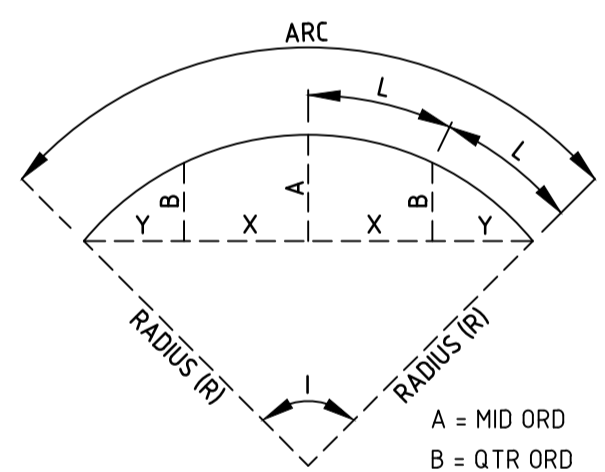
DESIGN LEVEL

EXISTING SURFACE

CHAINAGE



WARNING
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CURVE SETOUT KEY

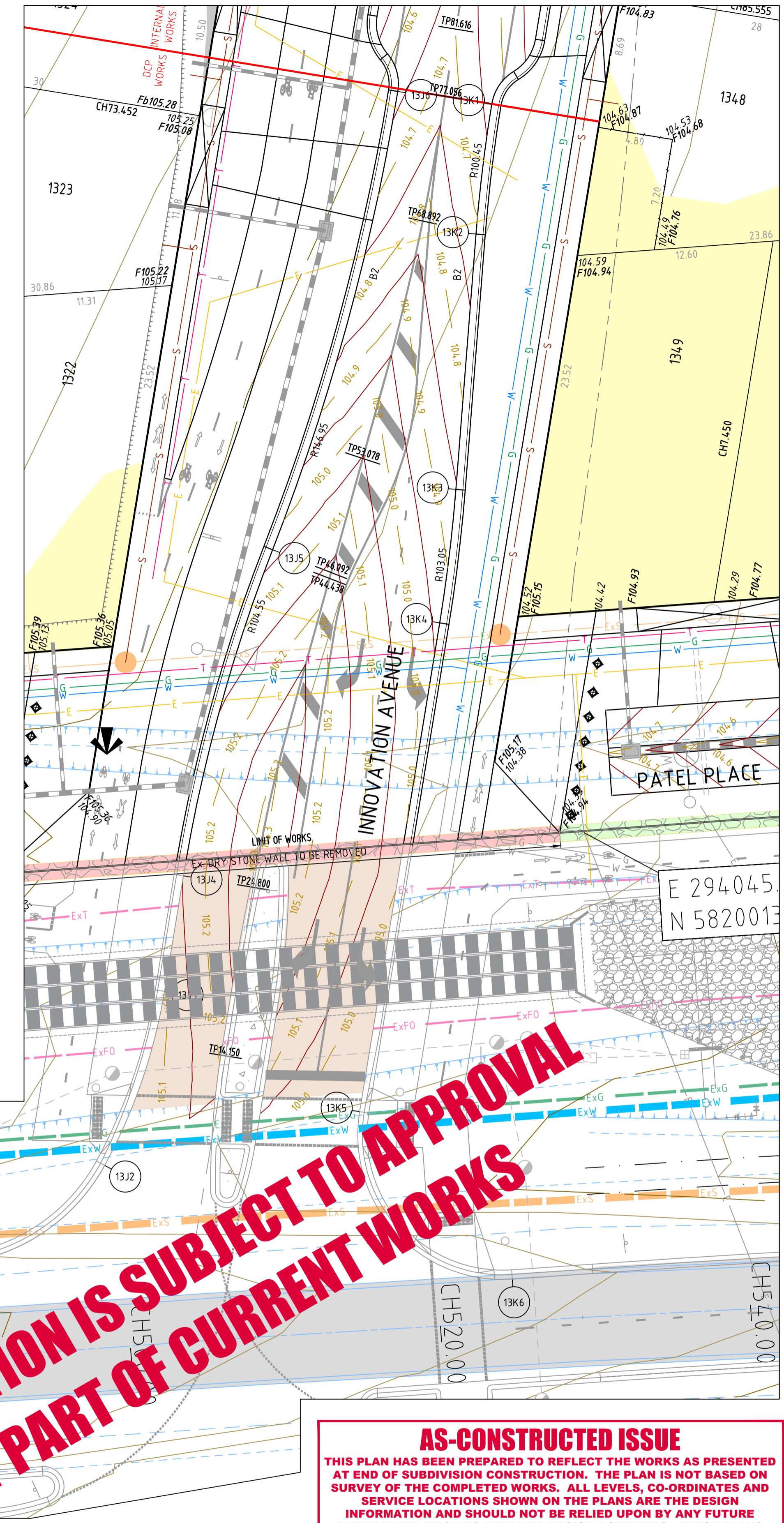
- ALL DIMENSIONS, SETOUT POINTS AND RADII REFER TO LIP OF KERB, UNLESS NOTED OTHERWISE

LEGEND

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

NOTES

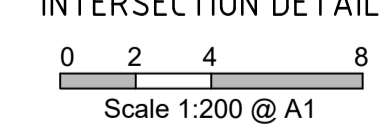
- ALL DIMENSIONS REFER TO INVERT OF KERB UNLESS NOTED OTHERWISE.
- SIGNS, LINEMARKING AND RRPMS SHALL BE INSTALLED IN ACCORDANCE WITH AS1742 "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" UNLESS INDICATED OTHERWISE.
- PLANS SHALL BE READ IN CONJUNCTION WITH SHEET 2 AND M.O.C.S. AS-CONSTRUCTED DATA FOR SERVICES.



INTERSECTION IS SUBJECT TO APPROVAL
NOT PART OF CURRENT WORKS

AS-CONSTRUCTED ISSUE
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INNOVATION AVENUE & GREIGS ROAD



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VERSION	REMARKS	DATE	BY
F	AS CONSTRUCTED	21.06.23	JZ
D	INNOVATION AVENUE CH0-CH40 LEVELS AMENDED	14.09.22	JZ
E	INTERSECTION EXCLUDED FROM CURRENT WORKS	28.02.22	JZ
C	CONSTRUCTION ISSUE	18.01.22	JZ
B	PATEL PLACE AMENDED	06.08.21	JZ

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

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






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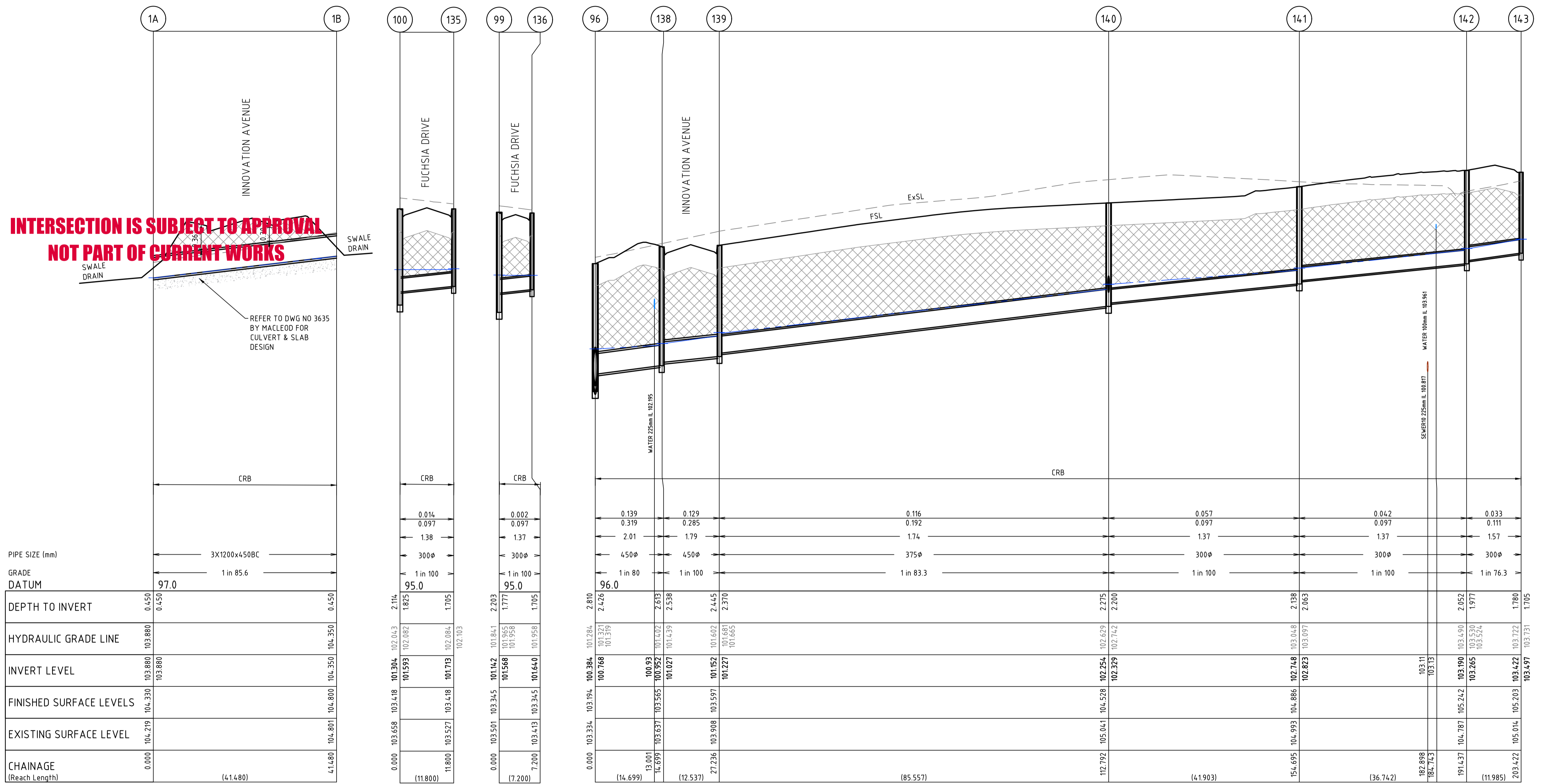
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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
INTERSECTION DETAILS AND LIP PROFILE - 3

DRAWING No. 13R18
VERSION F
REFERENCE 22236E/13
SHEET 18 OF 36

LEGEND

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



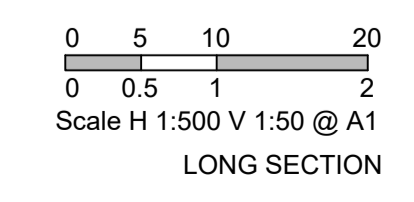
**INTERSECTION IS SUBJECT TO APPROVAL
NOT PART OF CURRENT WORKS**

REFER TO DWG NO 3635
BY MACLEOD FOR
CULVERT & SLAB
DESIGN

H:\22236\STAGE 13\CAD\DWG\SET\ROAD AND DRAINAGE\22236_13R22-27.DWG

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VERSION	REMARKS	DATE	BY
E	AS CONSTRUCTED	21.06.23	JZ
D	DRAIN LONG SECTION UPDATED	18.07.22	JZ
C	CONSTRUCTION ISSUE	18.01.22	JZ
B	LOT LAYOUT AMENDED, DRAIN AMENDED TO SUIT	06.08.21	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ



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

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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
DRAINAGE LONGITUDINAL SECTIONS - 2

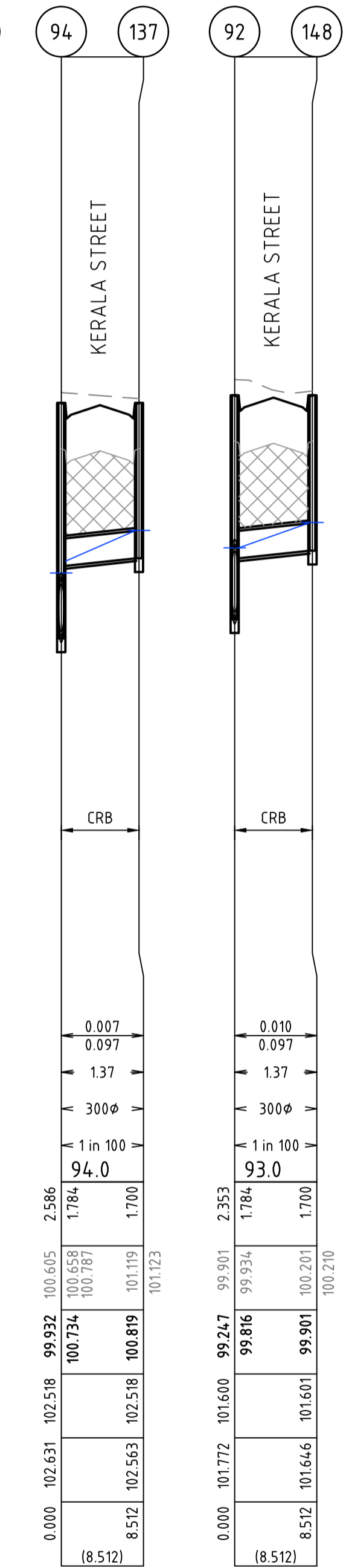
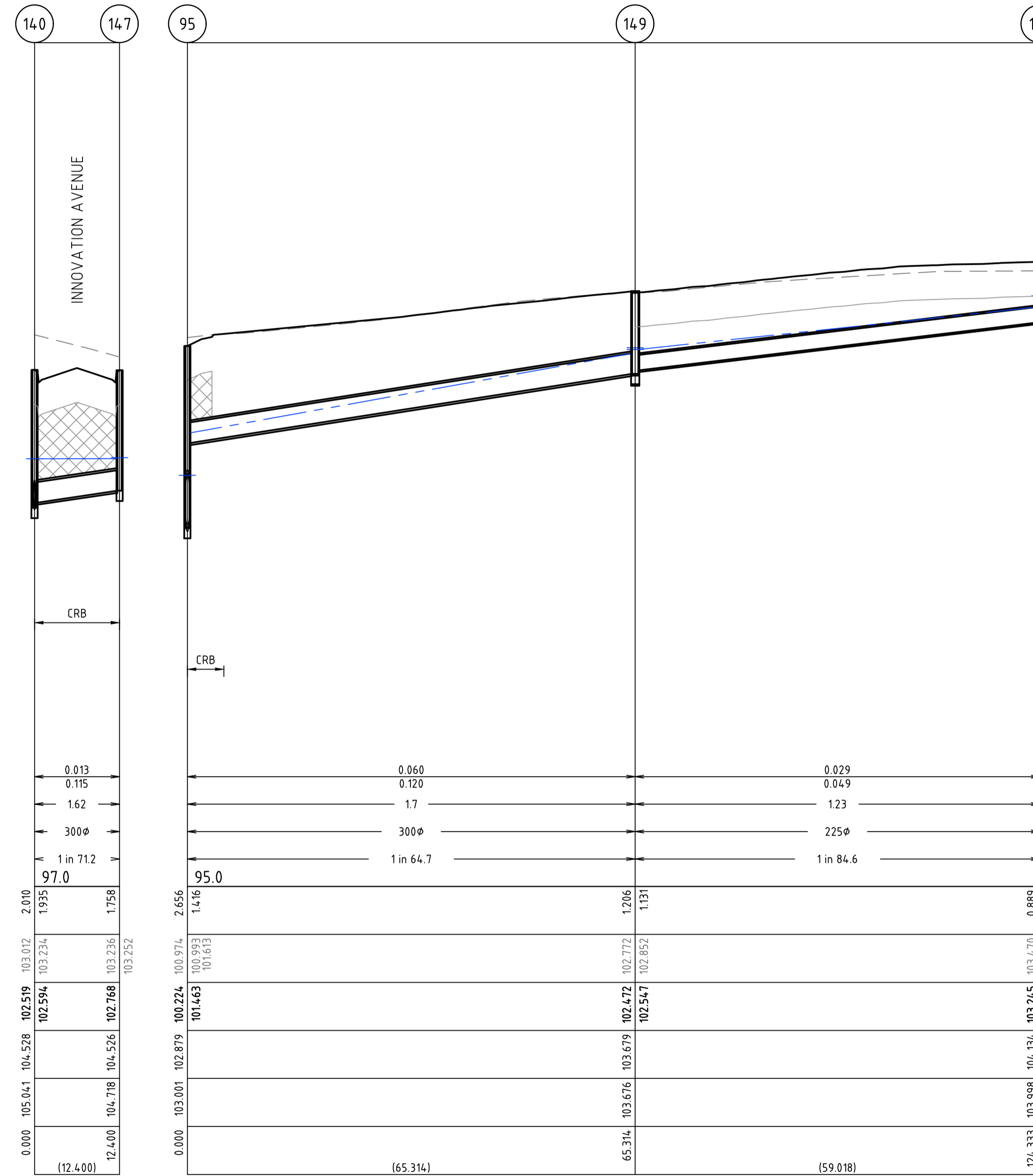
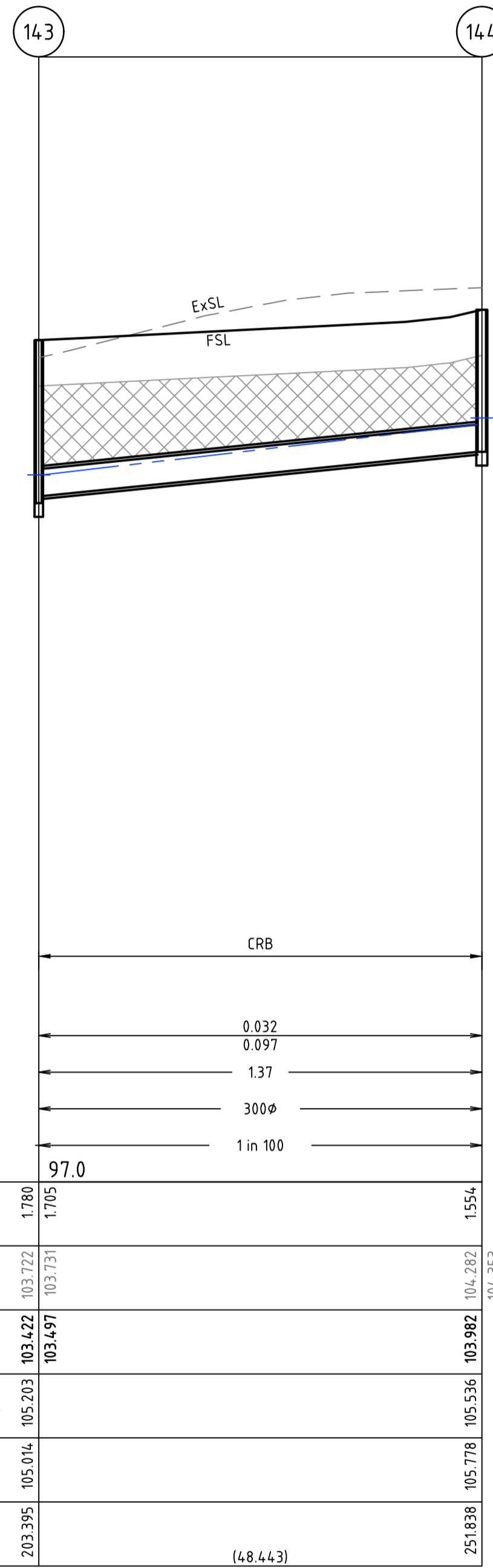
DRAWING No.	13R23	VERSION	E
REFERENCE	22236E/13		
SHEET	23	OF	36

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.

LEGEND

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



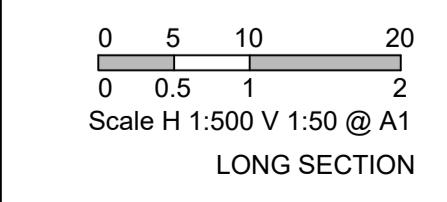
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VERSION	REMARKS		
D	AS CONSTRUCTED	21.06.23	JZ
C	CONSTRUCTION ISSUE	18.01.22	JZ
B	LOT LAYOUT AMENDED, DRAIN AMENDED TO SUIT	06.08.21	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ



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

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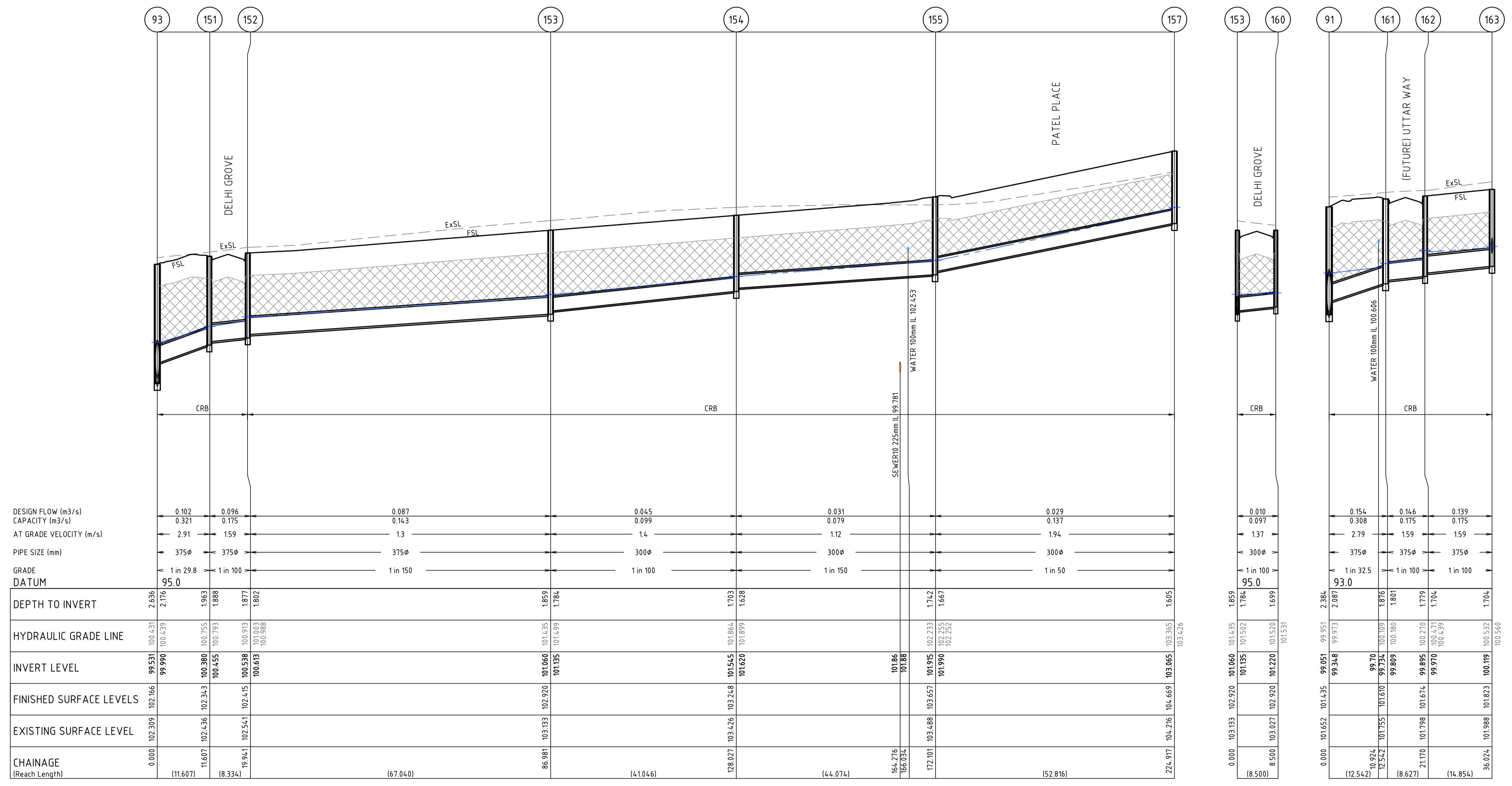
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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
DRAINAGE LONGITUDINAL SECTIONS - 3

DRAWING No.	13R24	VERSION	D
REFERENCE	22236E/13		
SHEET	24	OF	36

LEGEND

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



DESIGN FLOW (m3/s)	0.102	0.096		0.087		0.045		0.031		0.029
CAPACITY (m3/s)	0.321	0.175		0.143		0.099		0.079		0.137
AT GRADE VELOCITY (m/s)	2.91	1.59		1.3		1.4		1.12		1.94
PIPE SIZE (mm)	375φ	375φ		375φ		300φ		300φ		300φ
GRADE DATUM	1 in 29.8	1 in 100		1 in 150		1 in 100		1 in 150		1 in 50
DEPTH TO INVERT	2.636	2.176		1.859		1.703		1.742		1.605
HYDRAULIC GRADE LINE	100.431	100.439		101.435		101.864		102.233		103.365
INVERT LEVEL	99.531	100.380		101.060		101.620		101.990		103.065
FINISHED SURFACE LEVELS	102.166	102.343		102.920		103.248		103.657		104.669
EXISTING SURFACE LEVEL	102.309	102.436		103.133		103.426		103.488		104.216
CHAINAGE (Reach Length)	0.000	11.607		86.981		128.027		172.101		224.911

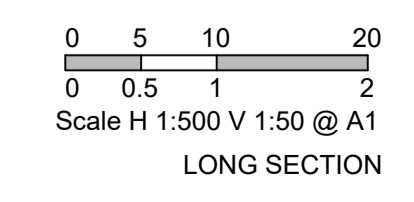
AS-CONSTRUCTED ISSUE

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VERSION	REMARKS		
E	AS CONSTRUCTED	21.06.23	JZ
D	DRAIN LEVELS AMENDED	31.03.22	JZ
C	CONSTRUCTION ISSUE	18.01.22	JZ
B	LOT LAYOUT AMENDED, DRAIN AMENDED TO SUIT	06.08.21	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ



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

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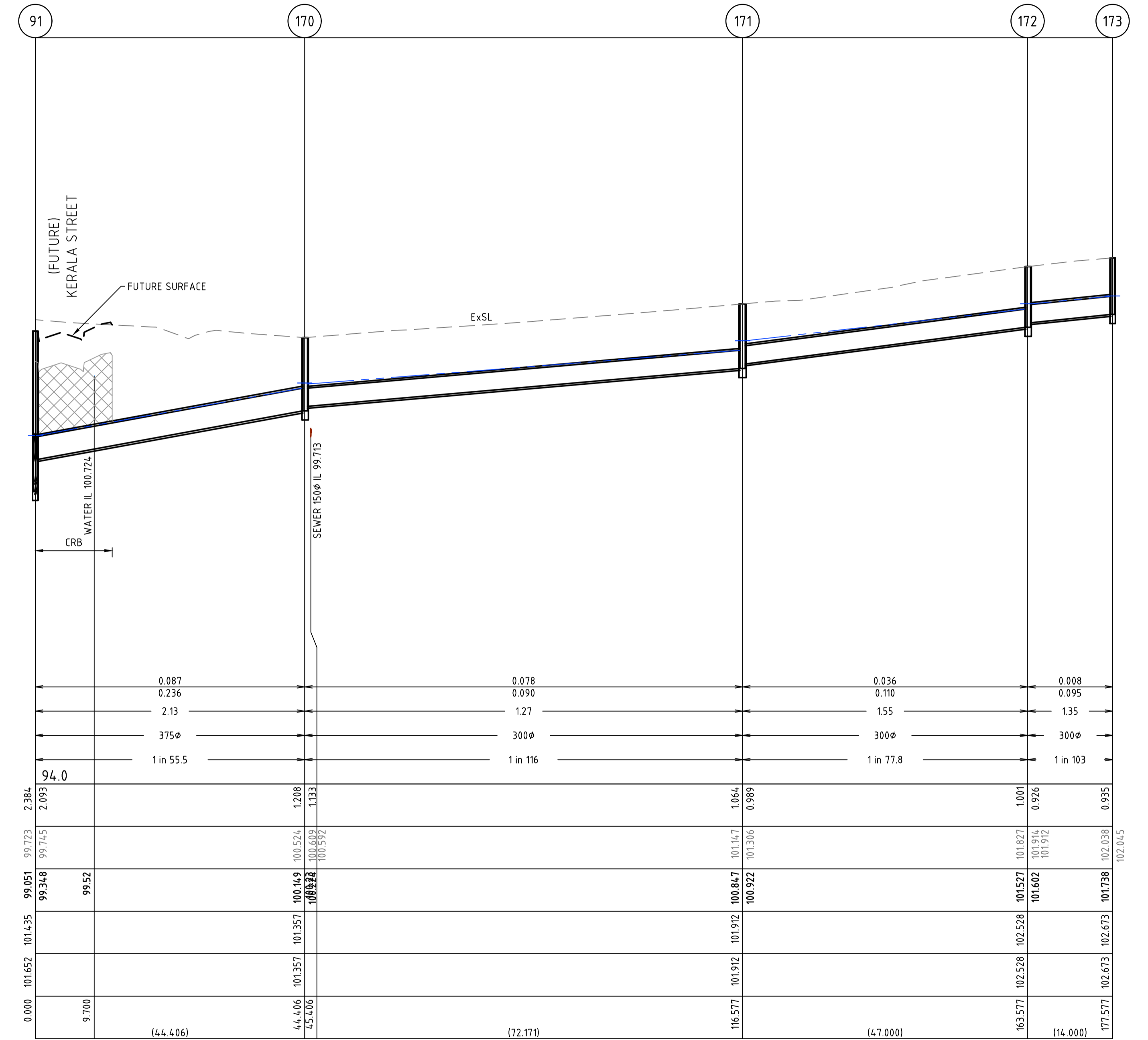
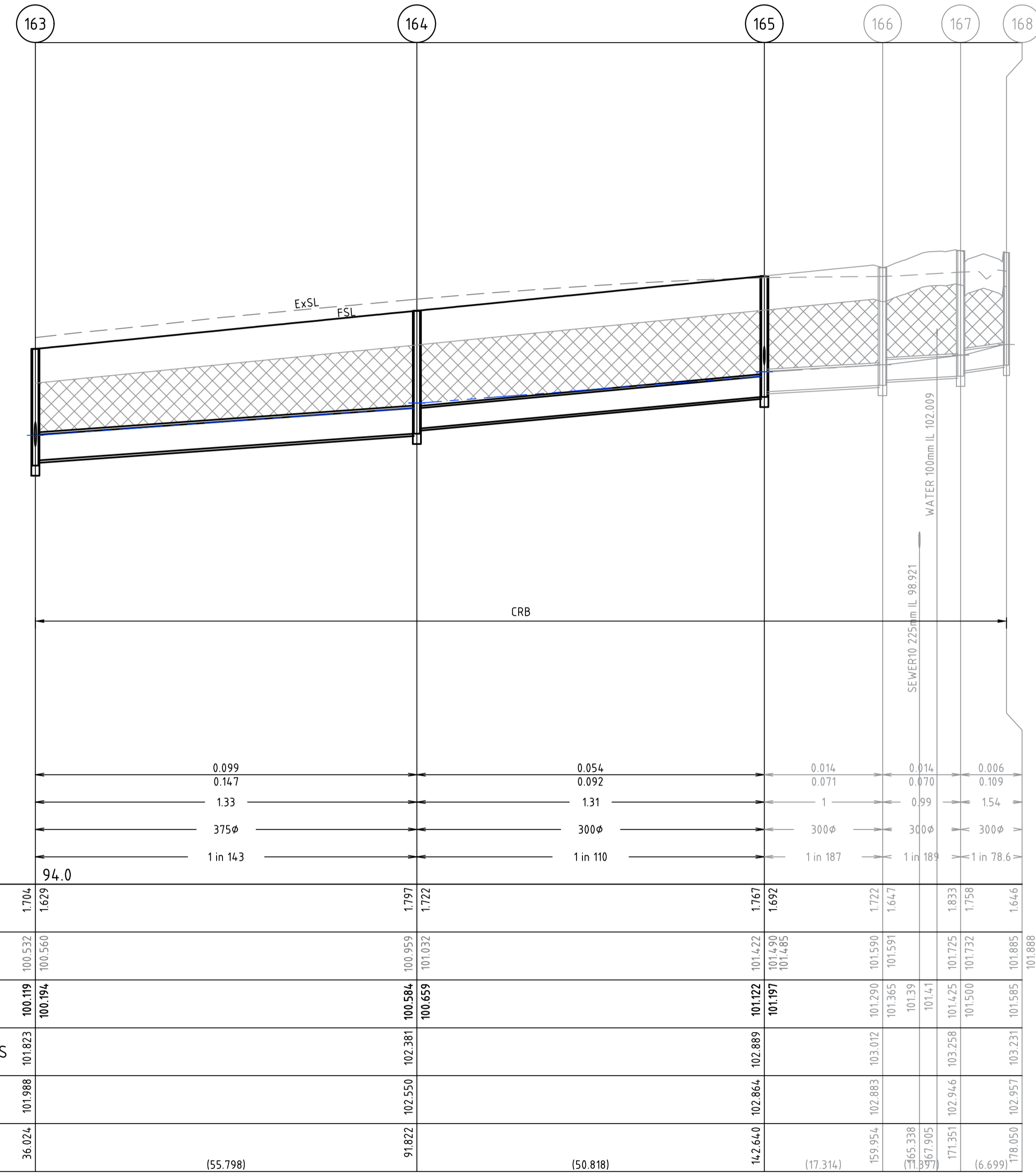
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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
DRAINAGE LONGITUDINAL SECTIONS - 4

DRAWING No.	13R25	VERSION	E
REFERENCE	22236/13		
SHEET	25 OF 36		

LEGEND

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

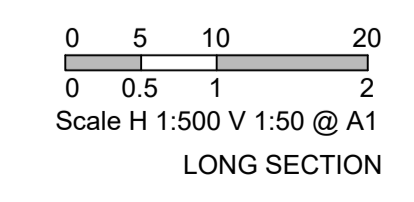


AS-CONSTRUCTED ISSUE
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VERSION	REMARKS		
D	AS CONSTRUCTED	21.06.23	JZ
C	CONSTRUCTION ISSUE	18.01.22	JZ
B	LOT LAYOUT AMENDED, DRAIN AMENDED TO SUIT	06.08.21	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ



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

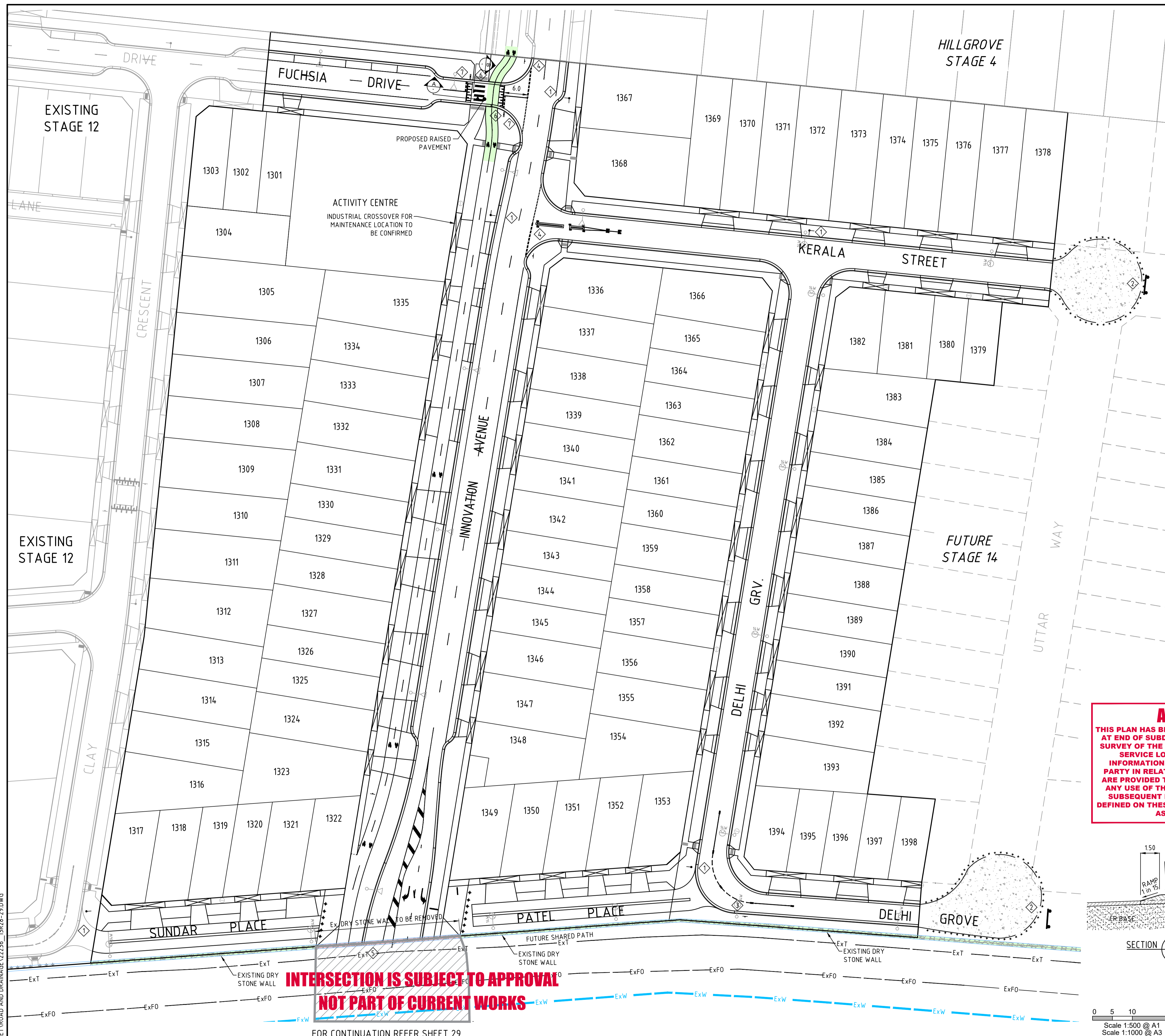
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CITY OF MELTON BRIDGEFIELD ESTATE, ROCKBANK STAGE 13 DRAINAGE LONGITUDINAL SECTIONS - 5		DRAWING No. 13R26	VERSION D
		REFERENCE 22236E/13	
		SHEET 26	OF 36



NOTES

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

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

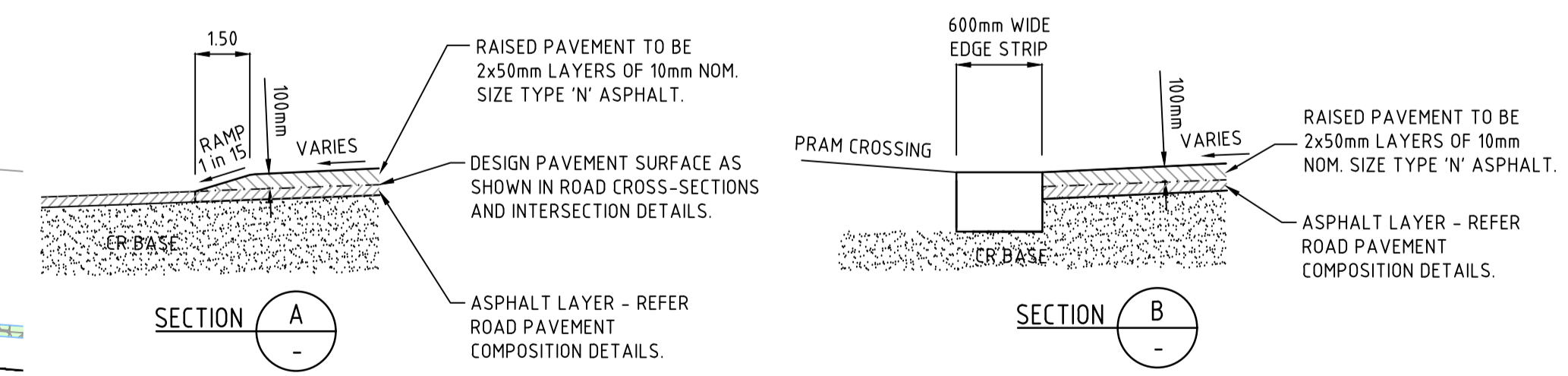
LEGEND

- STREET NAME SIGNS
- ROAD CLOSED G9-20 "ROAD CLOSED" & OBSTRUCTION MARKER D4-5
- NO PARKING LEFT R5-40R
- GIVE WAY R1-2
- KEEP LEFT R2-3(L)
- WALK ACROSS (R3-1)
- GIVE WAY (R1-2)
- TO CYCLISTS
- WALK ACROSS (R3-1)

FUCHSIA DRIVE ON STREET PARKING BAY TYPICAL DETAILS
NOT TO SCALE

INNOVATION AVENUE ON STREET PARKING BAY TYPICAL DETAILS
NOT TO SCALE

AS-CONSTRUCTED ISSUE
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TYPICAL DETAIL - RAISED PAVEMENT
N.T.S.

Scale 1:500 @ A1
Scale 1:1000 @ A3

INTERSECTION IS SUBJECT TO APPROVAL
NOT PART OF CURRENT WORKS

FOR CONTINUATION REFER SHEET 29

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VERSION	SIGN No.6 & 7 ADDED	REMARKS	DATE	BY
G	AS CONSTRUCTED		21.06.23	JZ
F	LINEMARKING AMENDED AT RAISED PAVEMENT		06.07.22	JZ
E	INTERSECTION EXCLUDED FROM CURRENT WORKS		28.02.22	JZ
D	CONSTRUCTION ISSUE		18.01.22	JZ
C	LOT LAYOUT CHANGED		06.08.21	JZ
B				

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

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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
SIGNAGE & LINEMARKING PLAN - 1

DRAWING No.	13R28	VERSION	G
REFERENCE	22236E/13		
SHEET	28	OF	36

LEGEND

- 1. STREET NAME SIGNS
- 2. ROAD CLOSED G9-20 "ROAD CLOSED" & OBSTRUCTION MARKER D4-5
- 3. R5-40R NO PARKING LEFT
- 4. R1-2 GIVE WAY
- 5. R2-3(L) KEEP LEFT
- 6. R1-1 STOP
- 7. INNOVATION AVE G3-5(L)
- 8. INNOVATION AVE G3-5(R)

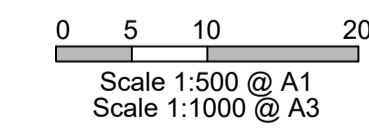
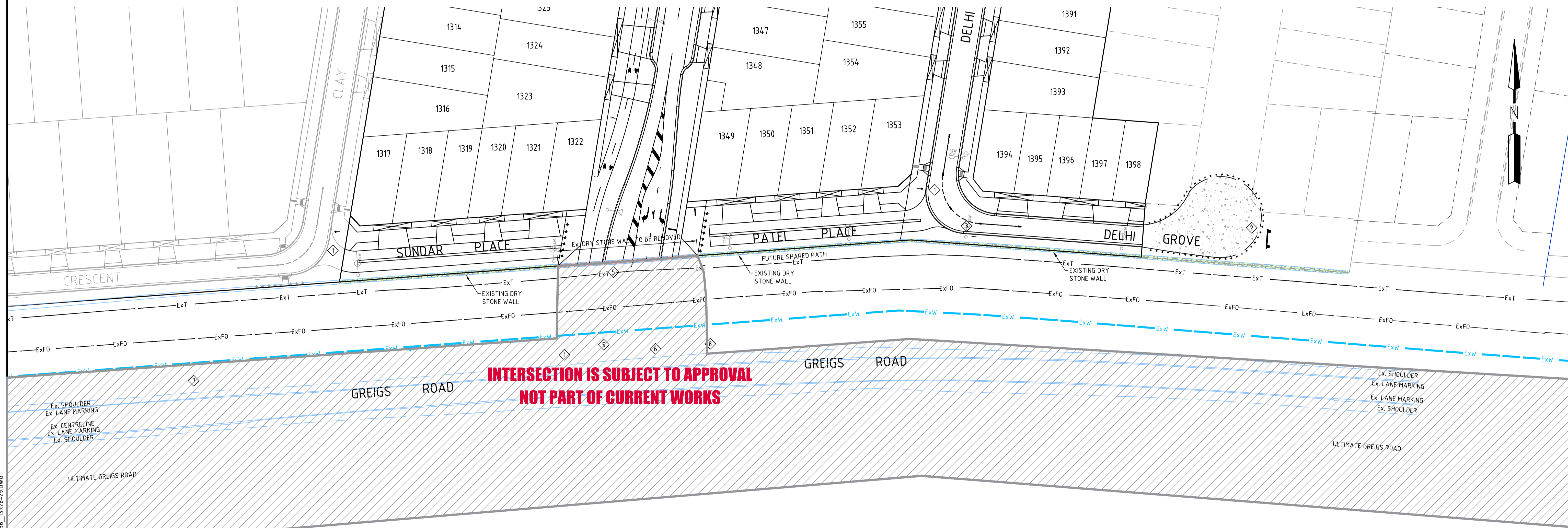
NOTES

- SIGNS, LINEMARKING AND RRPMS SHALL BE INSTALLED IN ACCORDANCE WITH AS1742 "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" UNLESS INDICATED OTHERWISE.
 - PEDESTRIAN CROSSING KERB RAMP ARE TO BE AS PER MCC 403.
- RAISED REFLECTIVE PAVEMENT MARKERS
 - TACTILE GROUND SURFACE INDICATORS (TGS) TO BE INSTALLED AT LOCATIONS SHOWN ON THE APPROVED PLANS, IN ACCORDANCE WITH AS1428.4
 - TGS LATERAL MARKER
 - TGS DIRECTIONAL MARKER
 - TGS WARNING MARKER

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.

FOR CONTINUATION REFER SHEET 28



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VERSION	REMARKS		
E	AS CONSTRUCTED	21.06.23	JZ
D	INTERSECTION EXCLUDED FROM CURRENT WORKS	28.02.22	JZ
C	CONSTRUCTION ISSUE	18.01.22	JZ
B	LOT LAYOUT AMENDED	06.08.21	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ

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



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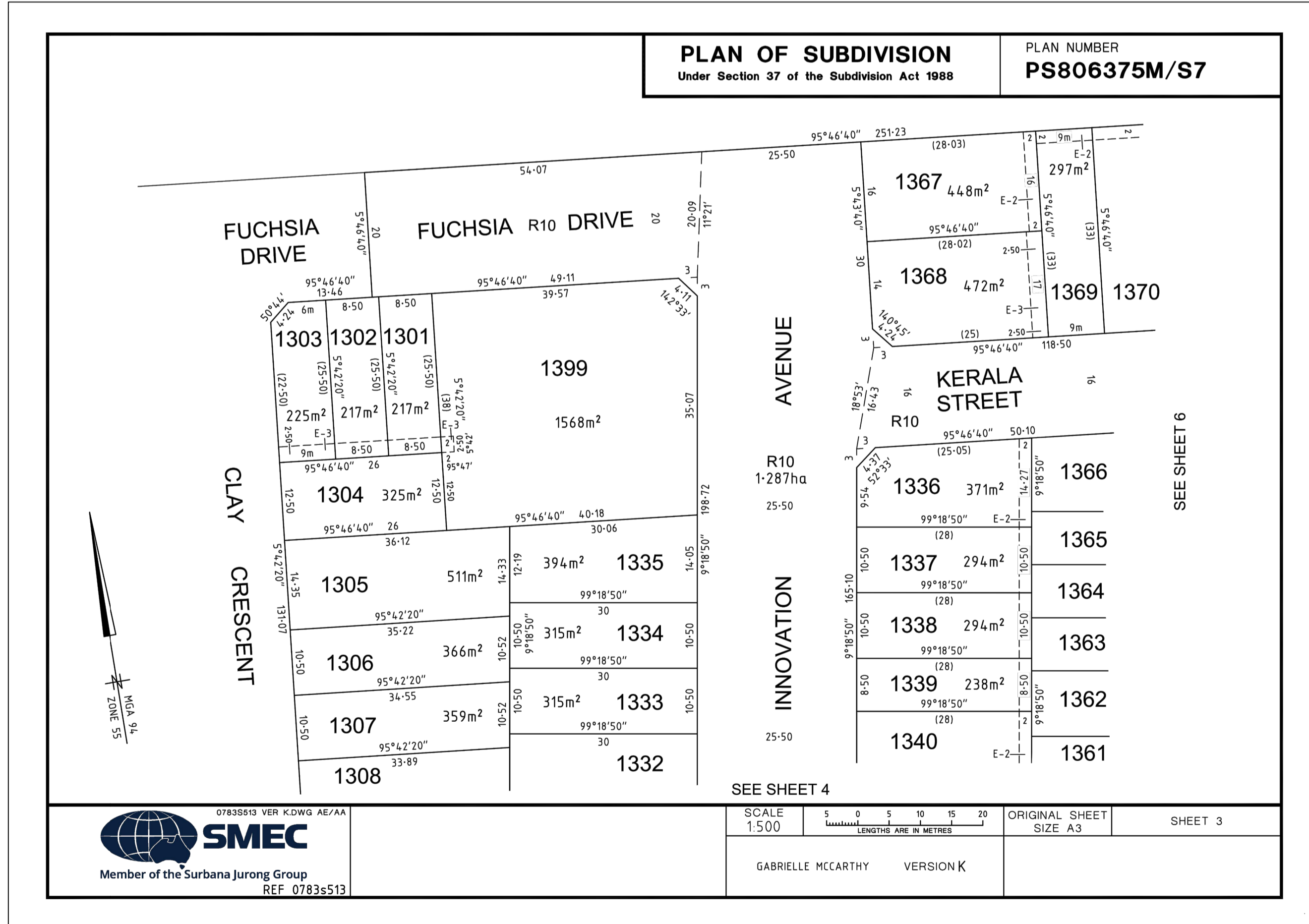
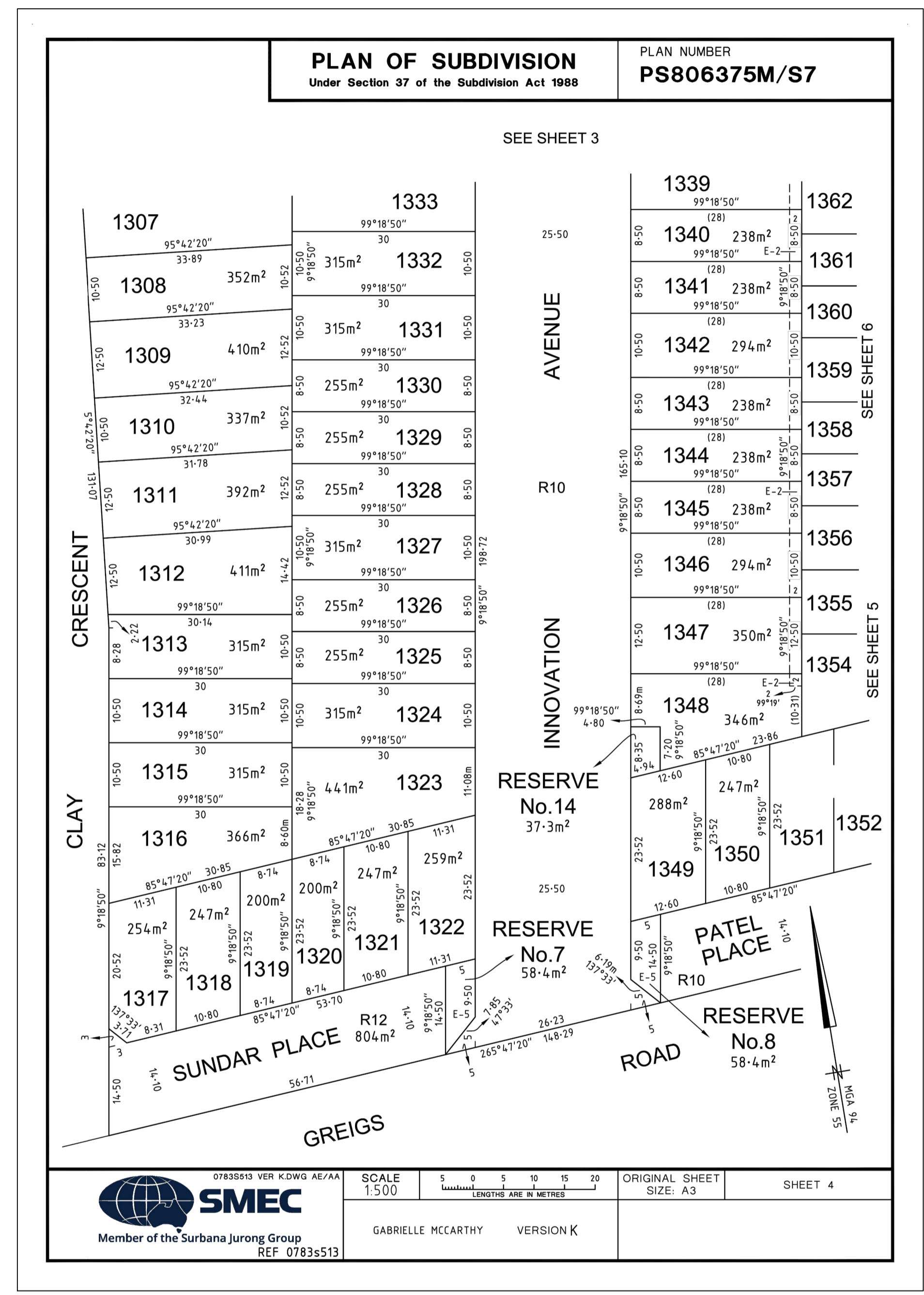
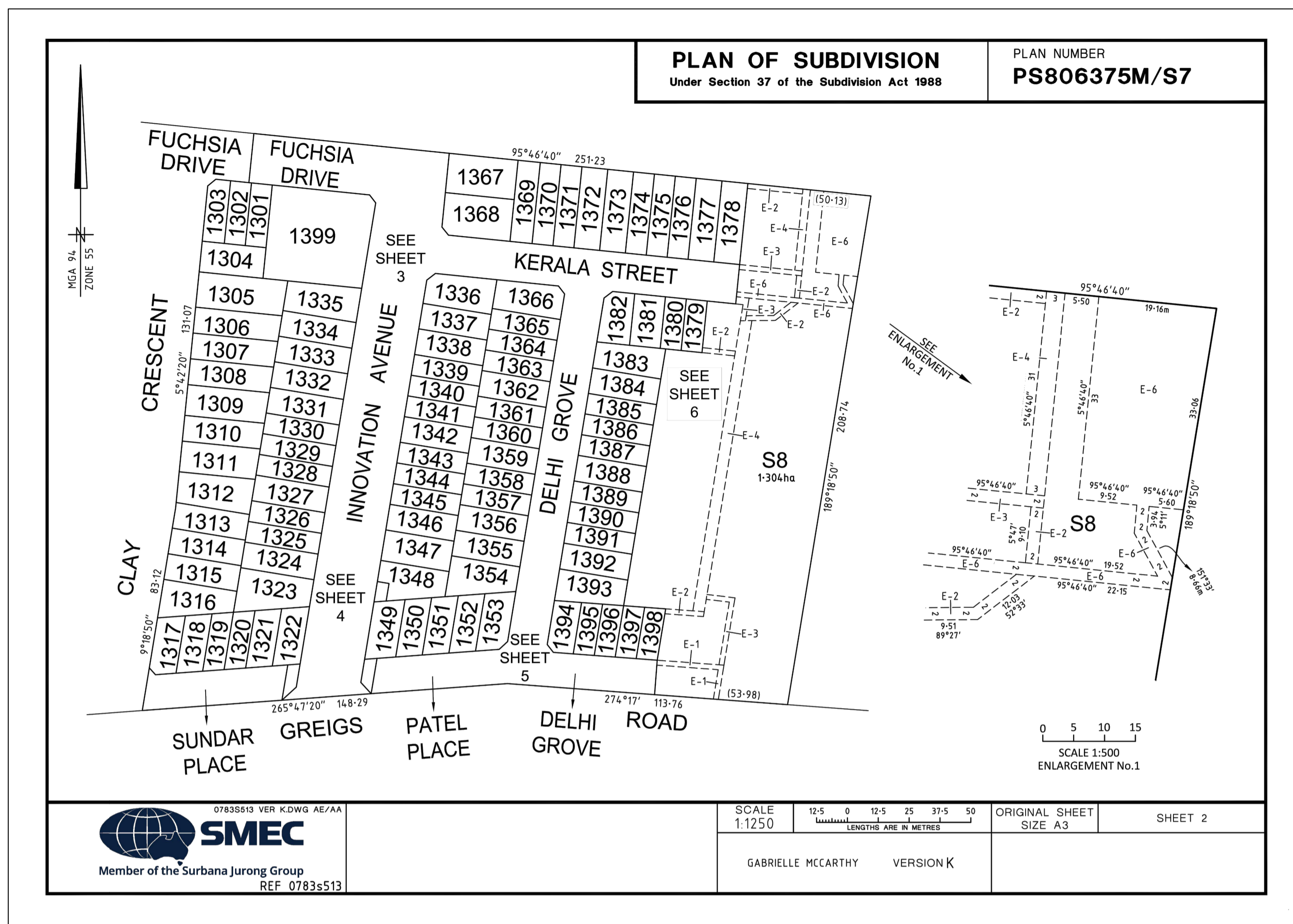
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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
SIGNAGE & LINEMARKING PLAN - 2

DRAWING No.	13R29	VERSION	E
REFERENCE	22236E/13		
SHEET	29	OF	36

H:\22236\STAGE 13\LAND\DWG\SET\ROAD AND DRAINAGE\22236_13R28-29.DWG



AS-CONSTRUCTED ISSUE
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H:\22236\STAGE 13\CAD\DWG\SETROAD AND DRAINAGE\22236_13R30-31.DWG

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VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	POS AMENDED	04.02.22	JZ
B	CONSTRUCTION ISSUE	18.01.22	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ

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

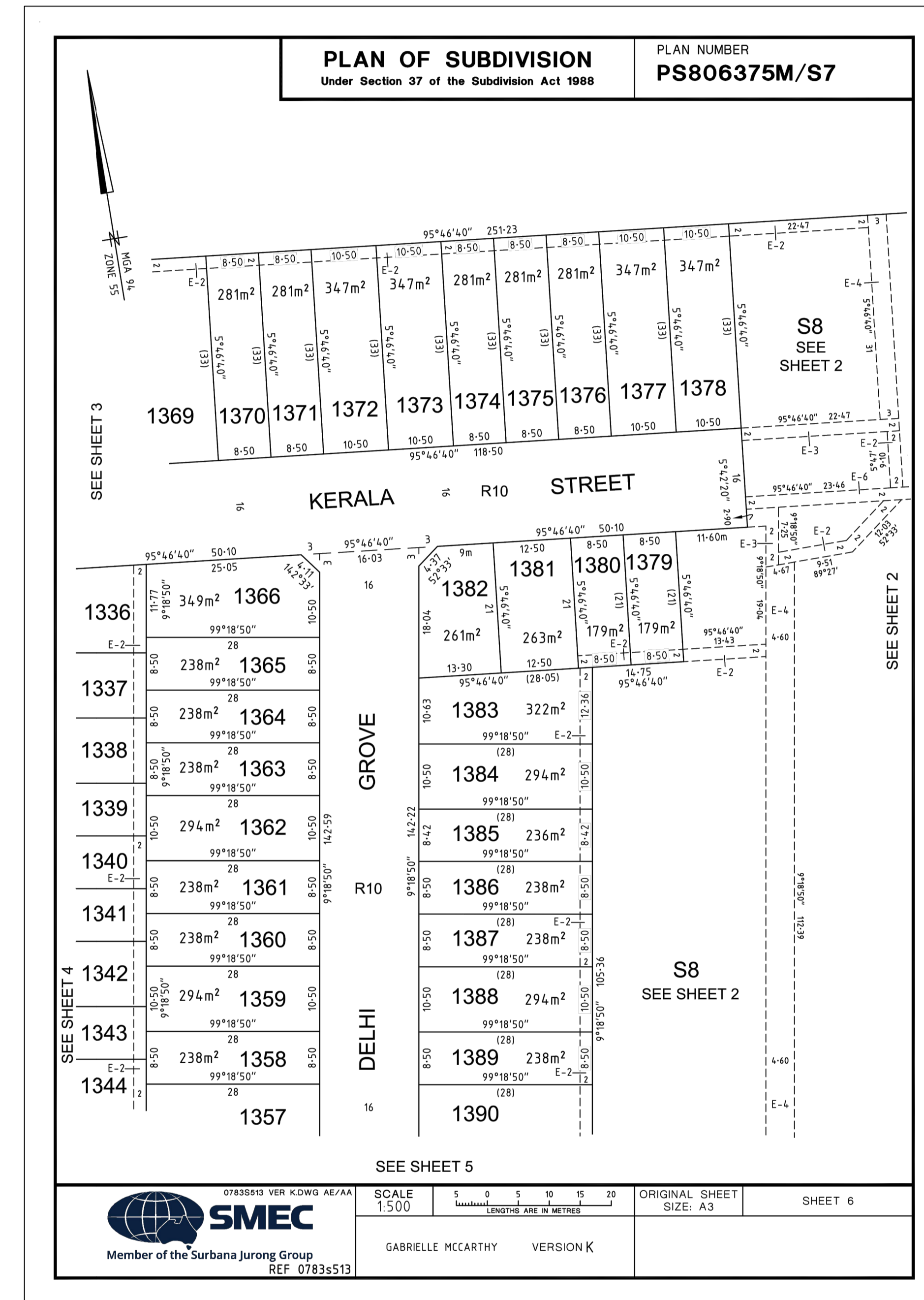
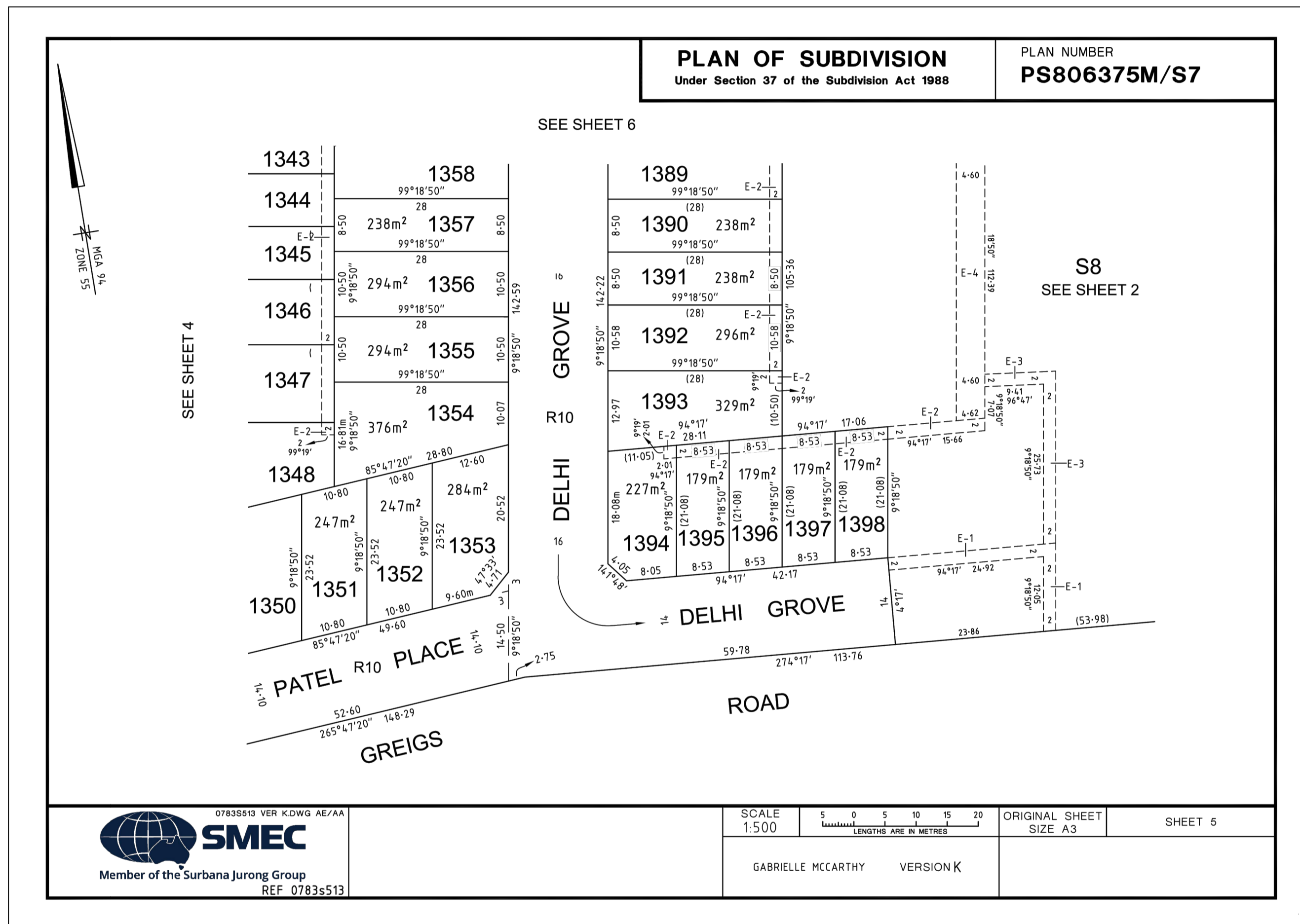
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CITY OF MELTON
 BRIDGEFIELD ESTATE, ROCKBANK
 STAGE 13
 PLAN OF SUBDIVISION - 1

DRAWING No.	13R30	VERSION	D
REFERENCE	22236E/13		
SHEET	30	OF	36

H:\22236\STAGE 13\CAD\DWG\SET\ROAD AND DRAINAGE\22236_13R31-31.DWG



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VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	POS AMENDED	04.02.22	JZ
B	CONSTRUCTION ISSUE	18.01.22	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ

DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
MELWAY	344, K12	CHECKED BY	L. PHAN
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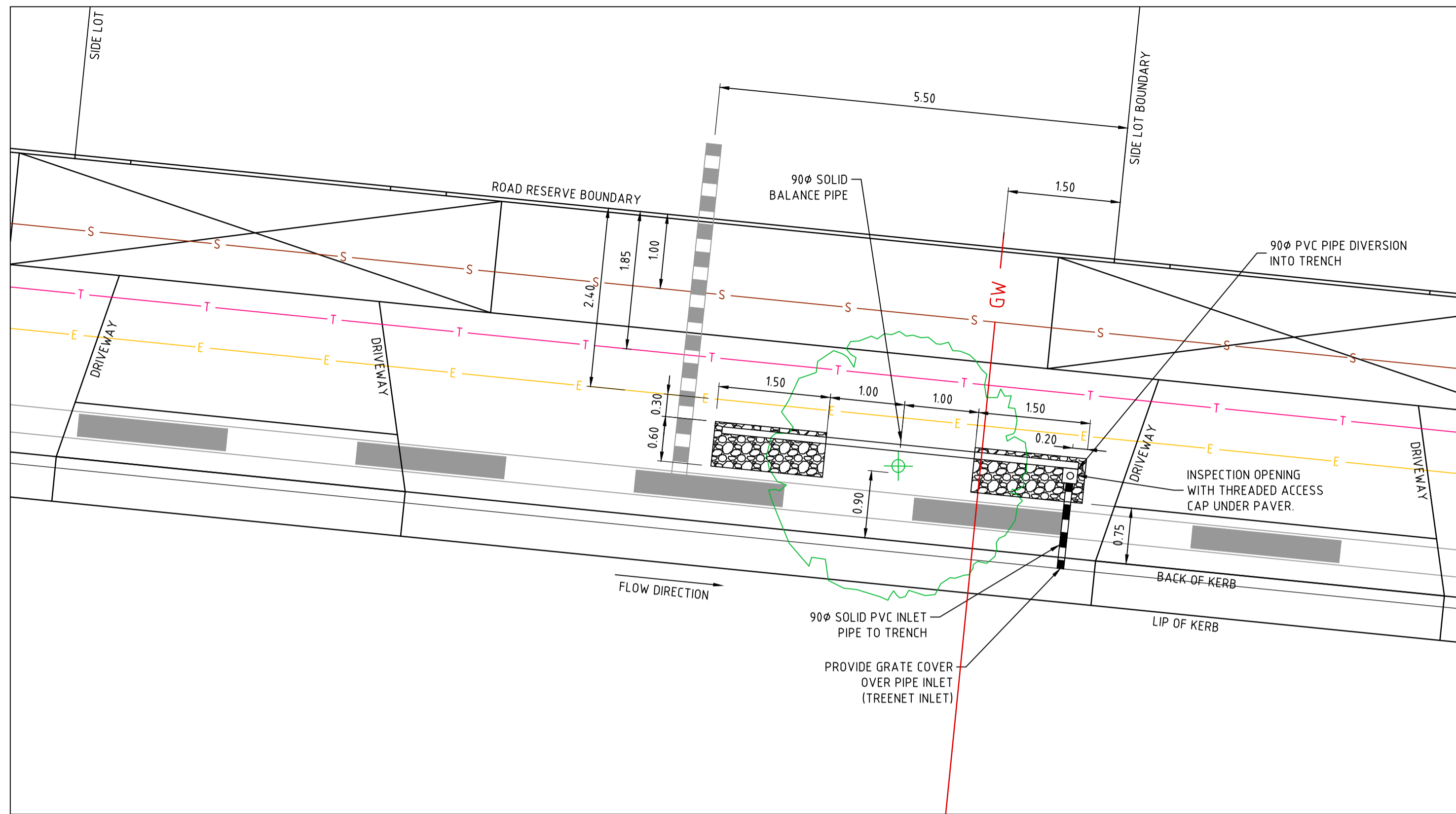
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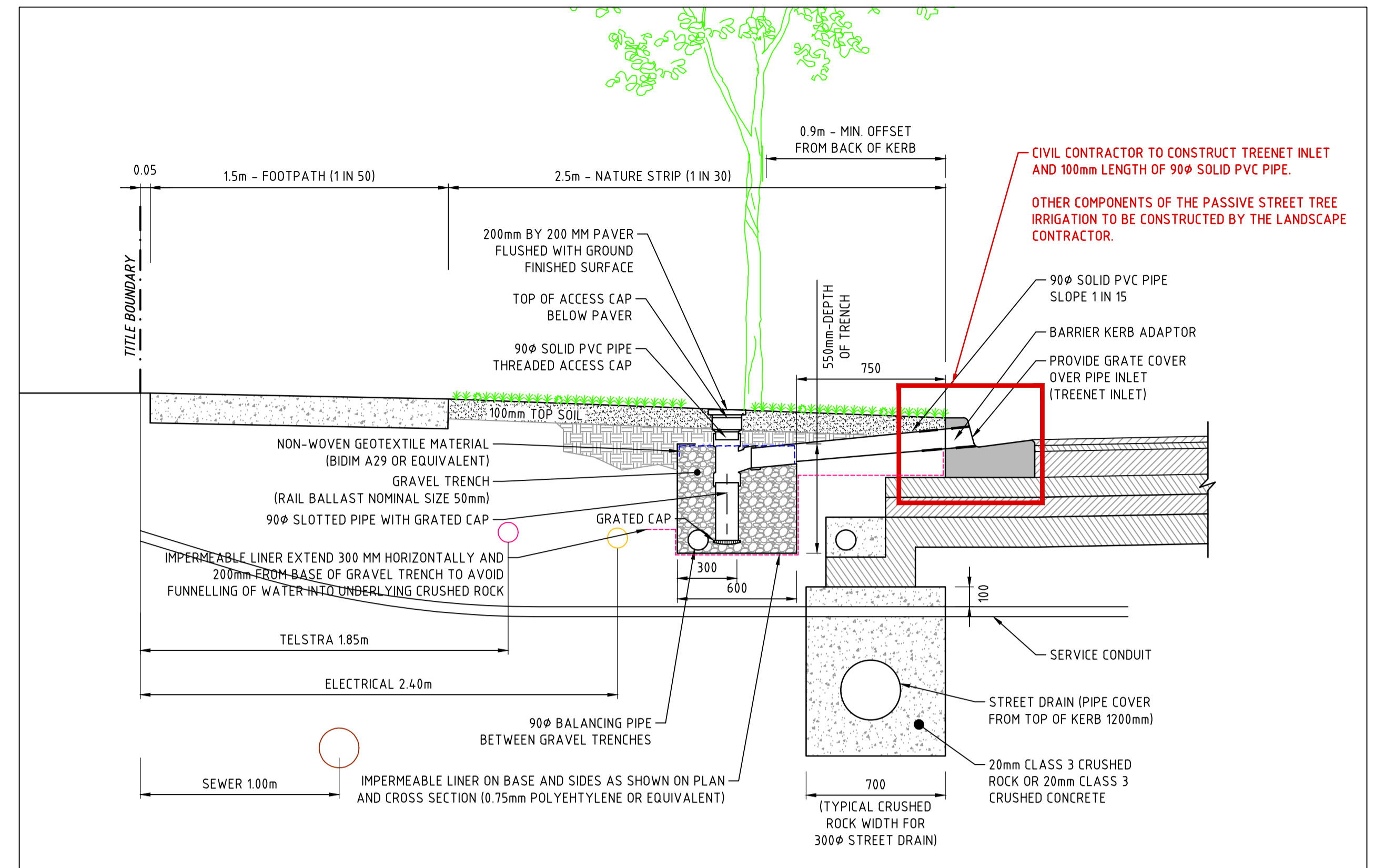
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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
PLAN OF SUBDIVISION - 2

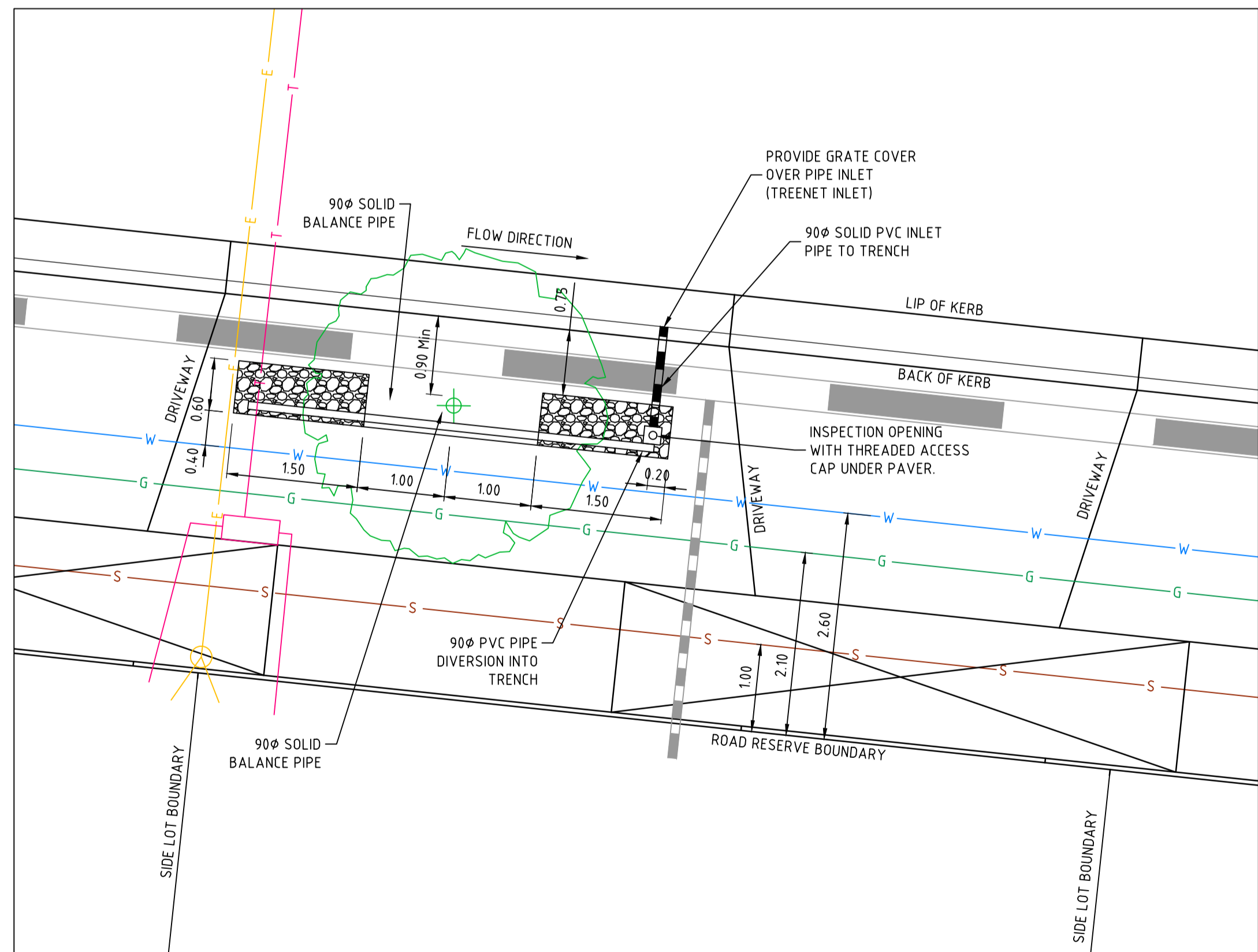
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REFERENCE	22236E/13		
SHEET	31	OF	36



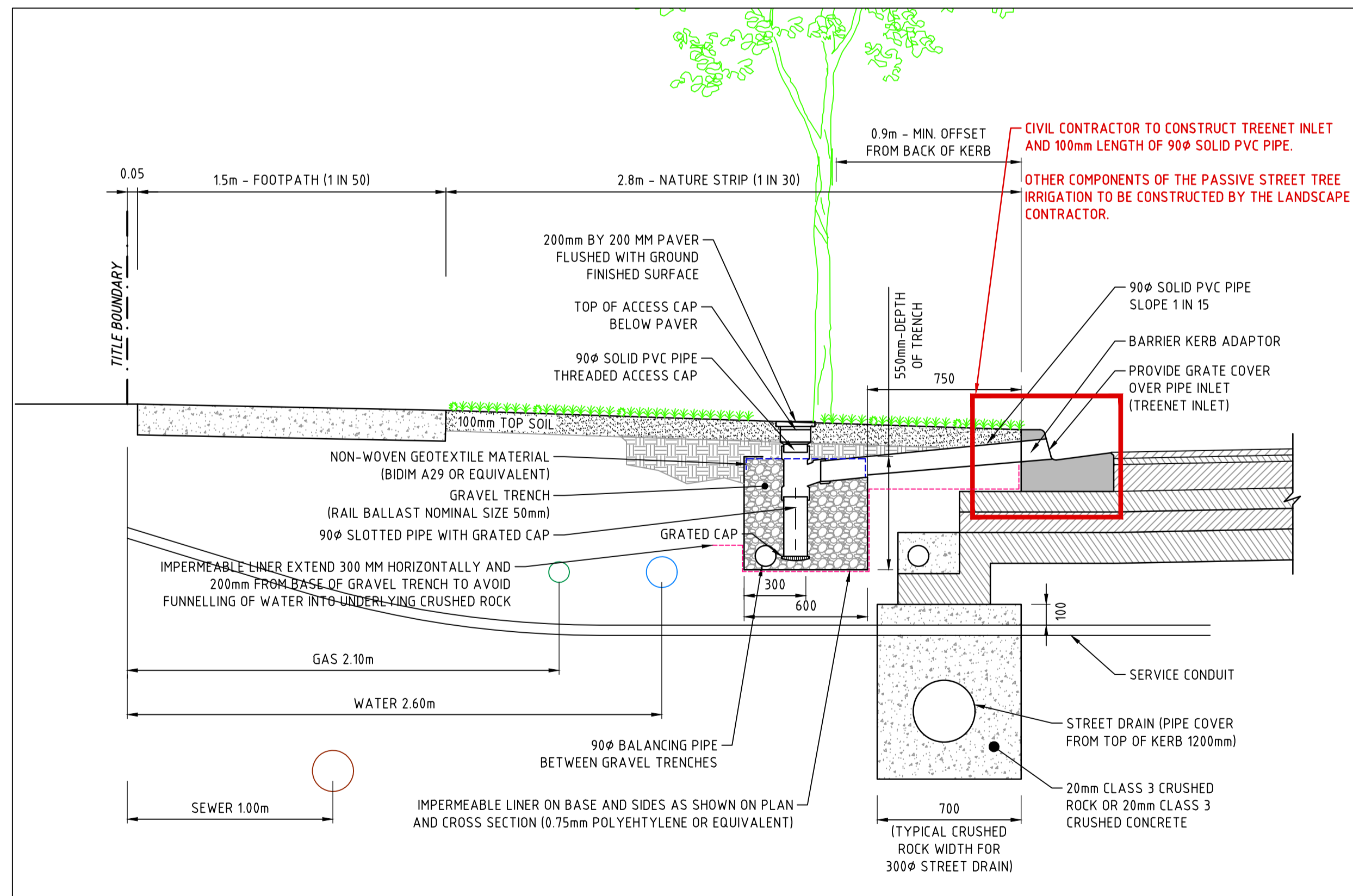
PASSIVE STREET TREE IRRIGATION
GRAVEL TRENCH (KERB INLET DIVERSION) DETAIL (ELEC / TESTRA SIDE)
 NOT TO SCALE



PASSIVE STREET TREE IRRIGATION
GRAVEL TRENCH (KERB INLET DIVERSION) CROSS SECTION (ELEC / TELSTRA SIDE)
 SCALE 1:20



PASSIVE STREET TREE IRRIGATION
GRAVEL TRENCH (KERB INLET DIVERSION) DETAIL (GAS / WATER SIDE)
 NOT TO SCALE



PASSIVE STREET TREE IRRIGATION
GRAVEL TRENCH (KERB INLET DIVERSION) CROSS SECTION (GAS / WATER SIDE)
 SCALE 1:20

AS-CONSTRUCTED ISSUE
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H:\22236\STAGE 13\CAD\DWG\SETROAD AND DRAINAGE\22236_13R32.DWG

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VERSION	REMARKS	DATE	BY
D	AS CONSTRUCTED	21.06.23	JZ
C	IMPERMEABLE LINER ADDED	30.03.22	JZ
B	CONSTRUCTION ISSUE	18.01.22	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ

LEGEND	
DRAIN, PROPERTY INLET & PIT	RECYCLED WATER
EX DRAIN & PIT	EX RECYCLED WATER
SEWER AND MAINTENANCE HOLE	ELECTRICAL U.G. SERVICES
EX SEWER AND MAINTENANCE HOLE	EX ELECTRICAL U.G. SERVICES
WATER MAIN, VALVE & HYDRANT	ELECTRICAL SERVICE & PIT
EX WATER MAIN, VALVE & HYDRANT	EX ELECTRICAL ASSETS
GAS MAIN	EX ELECTRICAL OVERHEADS
EX GAS MAIN, VALVE	GAS & WATER CONDUITS
TELSTRA SERVICES & PITS	TOP OF BATTER
EX TELSTRA SERVICES & PITS	TOE OF BATTER

F	FINISHED SURFACE AFTER CUTTING OR FILLING
Fb	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 WALL OR BUILDING

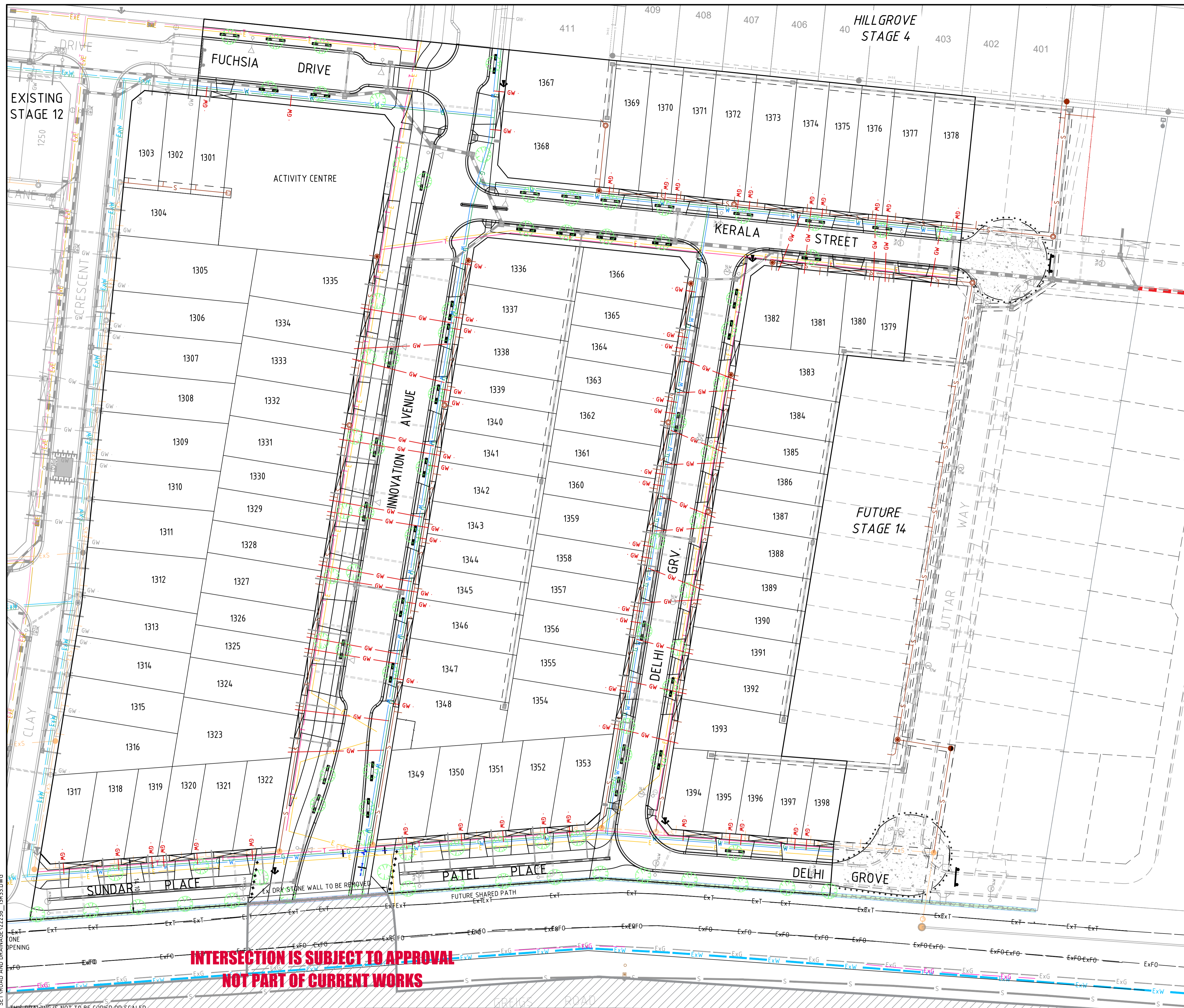
DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
MELWAY	344, K12	CHECKED BY	L. PHAN
DATUM	AHD	AUTHORISED BY	S. RAVIDA

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CITY OF MELTON
 BRIDGEFIELD ESTATE, ROCKBANK
 STAGE 13
 GRAVEL TRENCH (KERB INLET DIVERSION DETAILS)

DRAWING No.	13R32	VERSION	D
REFERENCE	22236E/13		
SHEET	32	OF	36



LEGEND

- PROPOSED GAS & WATER CONDUITS
- PROPOSED ELECT. & TELCOMM. 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.

STONEMASS REPAIRS AND CONSTRUCTION
 ALL WALL REPAIRS AND/OR CONSTRUCTION SHOULD BE COMPLETED BY A PROFESSIONAL DRY STONE WALLER.

STONE TYPE
 - USE ONLY LOCALLY SOURCED ROUNDED BASALT FIELDSTONE, WITH PREFERENCE FOR STONE THAT HAS COLLAPSED FROM THE WALL ITSELF OR HAS BEEN STOCKPILED FROM THE REMOVED SEGMENT.
 - IF STONE IS SOURCED FROM OFF-SITE, DO NOT USE QUARRIED OR BLASTED STONE WITH HARD EDGES

CONSTRUCTION

- WITHIN EACH WALL SECTION, MAKE GOOD THE EXISTING WALL TO A HEIGHT AND WIDTH APPROPRIATE FOR THAT SECTION. REFER THE FEATURE SURVEY REPORT (BULLERS 2013) FOR TYPICAL SPECIFICATIONS FOR THAT SECTION.
- REPAIRED SECTIONS SHOULD BE INTEGRATED INTO THE WALL EITHER SIDE TO MAKE A SEAMLESS AND STRUCTURALLY SOUND JOIN.
- DO NOT USE ANY MORTAR IN THE CONSTRUCTION TO BOND THE STONES TOGETHER, ANY CONSTRUCTION MUST USE DRY STONE WALLING TECHNIQUES INCLUDING, WHERE REQUIRED, THE USE OF HEARTING AND PLUGGING AND AN APPROPRIATE BATTER.
- WALL ENDS SHOULD BE EITHER:
 - CONSTRUCTED SO AS TO BE STRUCTURALLY SOUND IF THERE IS NO CORRESPONDING FENCE POST PROVIDING SUPPORT (E.G. THE ENDS SHOULD BE BATTERED); OR
 - CONSTRUCTED IN CONJUNCTION WITH A NEW AUSTRALIAN HARDWOOD TIMBER POST AS AN INTEGRAL FEATURE TO AID STRUCTURAL INTEGRITY.
- WHERE POSSIBLE RETAIN THE EXISTING UNREFINED CONSTRUCTION STYLE, E.G. GENERALLY HAPHAZARD ARRANGEMENT OF STONES. HOWEVER, STRUCTURAL INTEGRITY IS PARAMOUNT AND, WHERE HAPHAZARD STONE PLACEMENT THREATENS STRUCTURAL INTEGRITY THEN A MORE STRUCTURED CONSTRUCTION STYLE SHOULD BE USED.
- UNIFORM STONE COURSES ARE NOT REQUIRED; HOWEVER GRADING OF STONE COURSES (I.E. LARGER STONES AT THE BASE, BECOMING SMALLER AS COURSE HEIGHT INCREASES) MAY PROVIDE A MORE DURABLE CONSTRUCTION. THIS NEEDS TO BE BALANCED AGAINST THE NEED TO PRESERVE AGAINST THEFT AND VANDALISM (SEE CONSERVATION ABOVE).
- THE STONES SHOULD BE LAID WITH THE MOSS AND LICHEN ON THE STONES UPPERMOST.
- WITHIN THE PARAMETERS DEFINED ABOVE, THE FINISHED WALL SHOULD BE STABLE, UNIFORM IN HEIGHT AND OF GENERALLY CONSISTENT CONSTRUCTION.

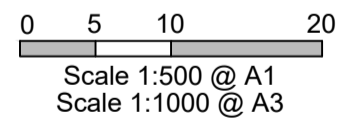
REFER TO LEAKES ROAD DRY STONE WALLS (H0204), ROCKBANK, VICTORIA; CONSERVATION MANAGEMENT PLAN BY ECOLOGY AND HERITAGE PARTNERS PTY LTD FOR MORE DETAILS

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

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INTERSECTION IS SUBJECT TO APPROVAL
 NOT PART OF CURRENT WORKS

VERSION	REMARKS	DATE	BY
H	AS CONSTRUCTED	21.06.23	JZ
G	TREE & WATER CONDUIT LOCATION AMENDED	14.09.22	JZ
F	TREE LOCATION AMENDED	03.05.22	JZ
E	STONEMASS REPAIRS AND CONSTRUCTION NOTES ADDED	31.03.22	JZ
D	INTERSECTION EXCLUDED FROM CURRENT WORKS	28.02.22	JZ

LEGEND

DRAIN, PROPERTY INLET & PIT	RECYCLED WATER
EX HOUSE DRAIN	EX RECYCLED WATER
S SEWER AND MAINTENANCE HOLE	ELECTRICAL U.G. SERVICES
EX S SEWER AND MAINTENANCE HOLE	EX ELECTRICAL U.G. SERVICES
W WATER MAIN	ELECTRICAL SERVICE & PIT
EX W WATER MAIN, VALVE & HYDRANT	EX ELECTRICAL ASSETS
G GAS MAIN	EX ELECTRICAL OVERHEADS
EX G GAS MAIN, VALVE	GAS & WATER CONDUITS
T TELSTRA SERVICES & PITS	TOP OF BATTER
EX T TELSTRA SERVICES & PITS	EX TOP OF BATTER

FINISHED SURFACE AFTER CUTTING OR FILLING	DRAWN BY	N. KASHA	DESIGNED BY	J. ZHOU
TOP OF PROPOSED BATTER	MELWAY	344, K12	CHECKED BY	L. PHAN
PROPOSED PAVEMENT OR FOOTPATH SURFACE	DATUM	AHD	AUTHORISED BY	S. RAVIDA
EXISTING OR PROPOSED INVERT LEVEL OF PIPE OR OPEN DRAIN				

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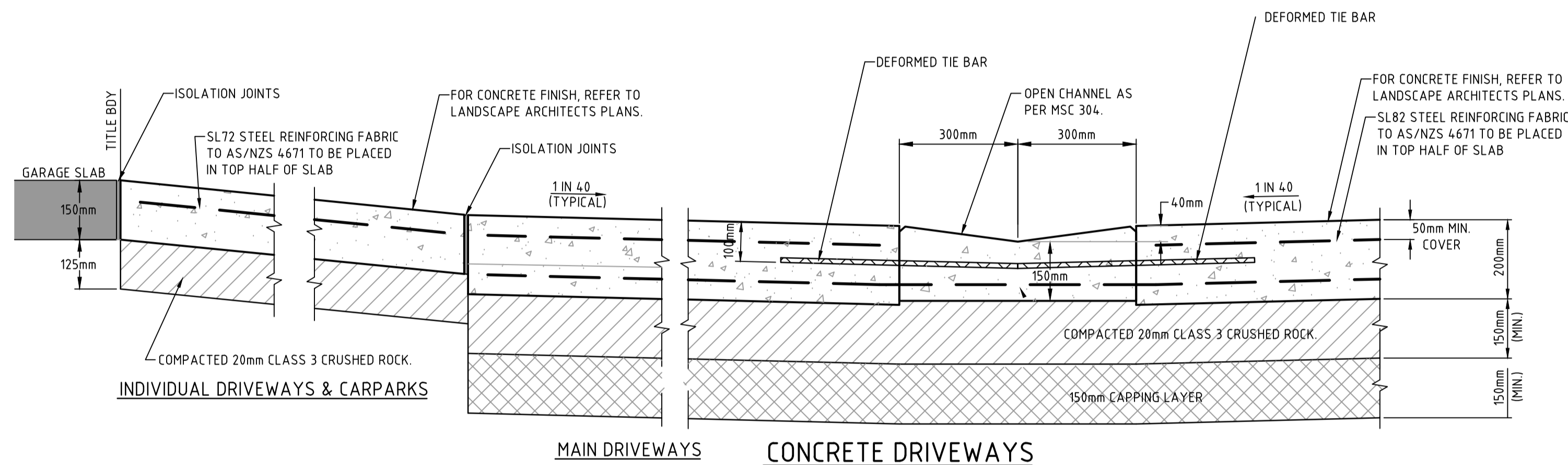
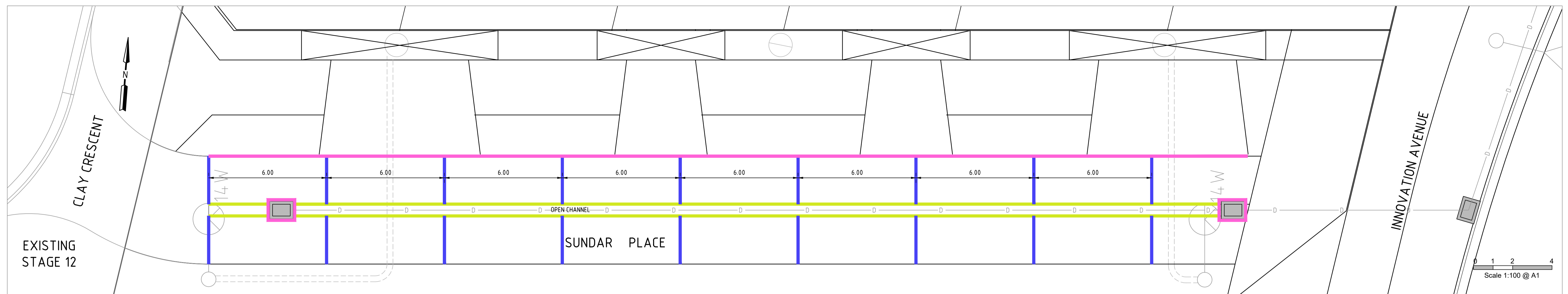
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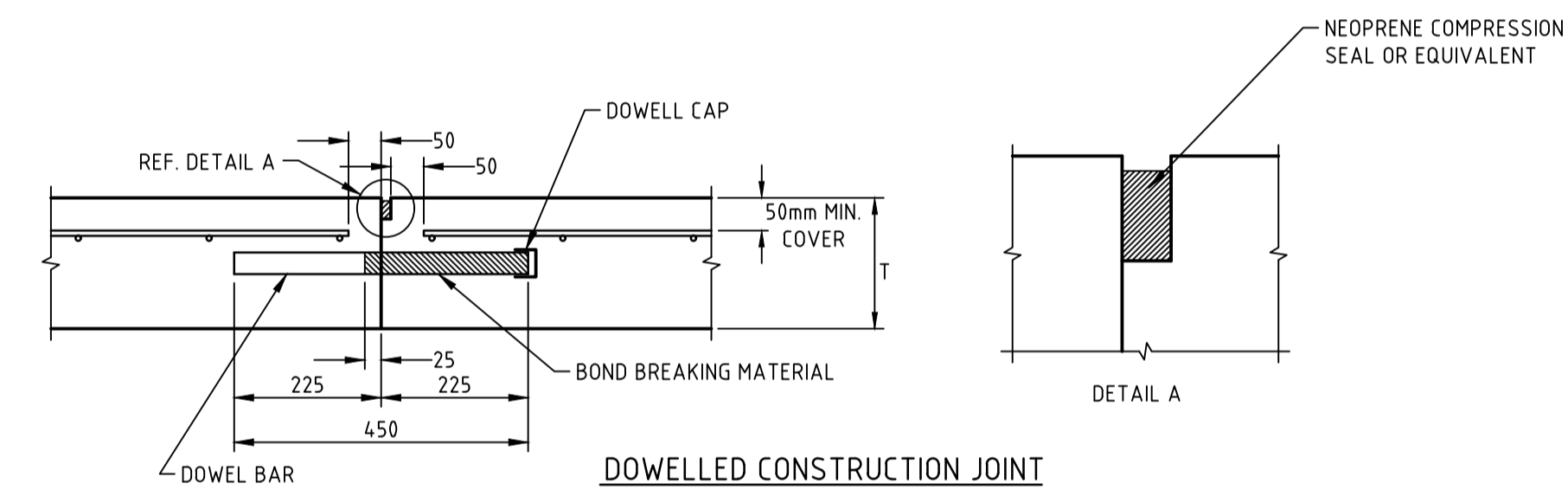
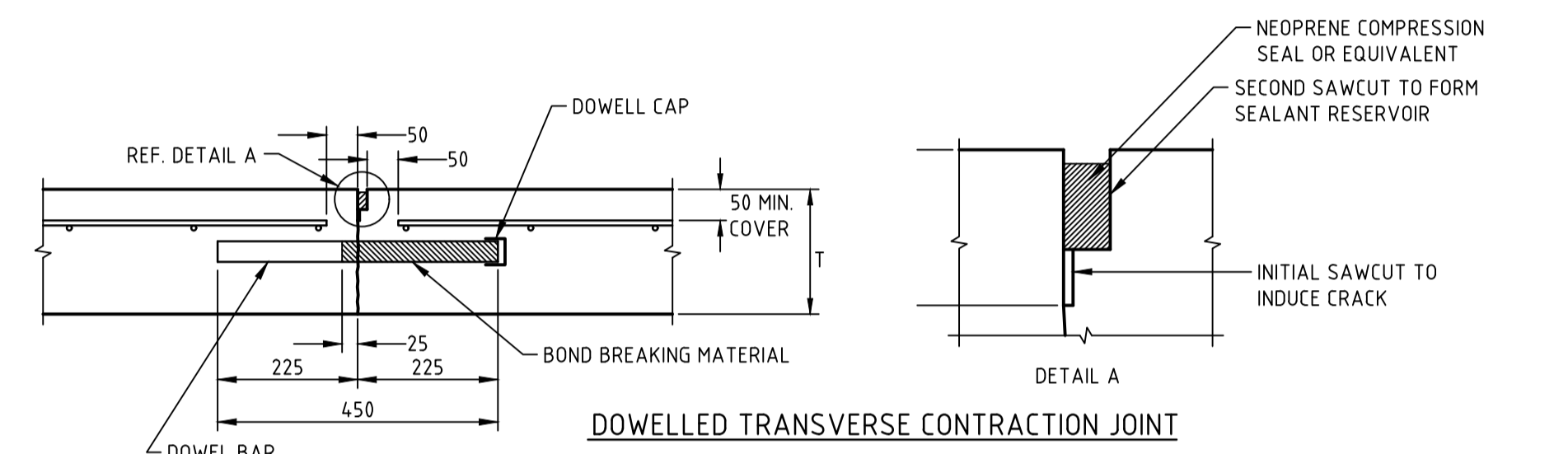
CITY OF MELTON BRIDGEFIELD ESTATE, ROCKBANK STAGE 13 PASSIVE IRRIGATION LAYOUT PLAN	
DRAWING No.	13R33
VERSION	H
REFERENCE	22236E/13
SHEET	33 OF 36



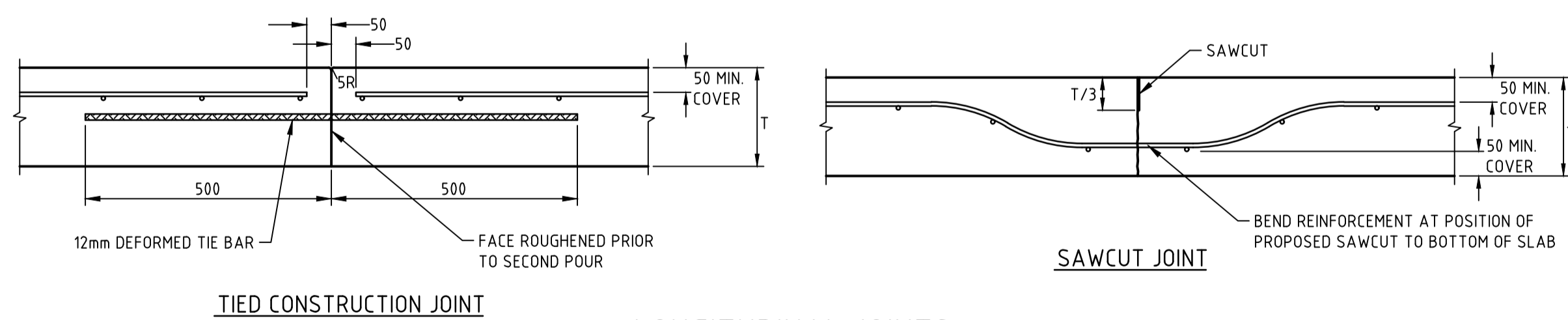
CONCRETE DESIGN IS BASED ON A SUBGRADE CBR OF 2% AND CONCRETE HAVING A 28 DAY DESIGN CHARACTERISTIC FLEXURAL STRENGTH OF 3.50MPa (32MPa COMPRESSIVE STRENGTH). CONCRETE PAVING TO BE CONSTRUCTED IN ACCORDANCE WITH THE CEMENT & CONCRETE ASSOCIATIONS "GUIDE TO RESIDENTIAL STREETS AND PATHS", AND GEOTECHNICAL REPORT.

ISOLATION JOINTS ARE TO BE PROVIDED BETWEEN THE PROPOSED SLABS AND THE FOLLOWING ITEMS:-
 DRAINAGE PITS
 VEHICLE CROSSINGS
 RAMP
 BUILDING SLABS
 WALLS

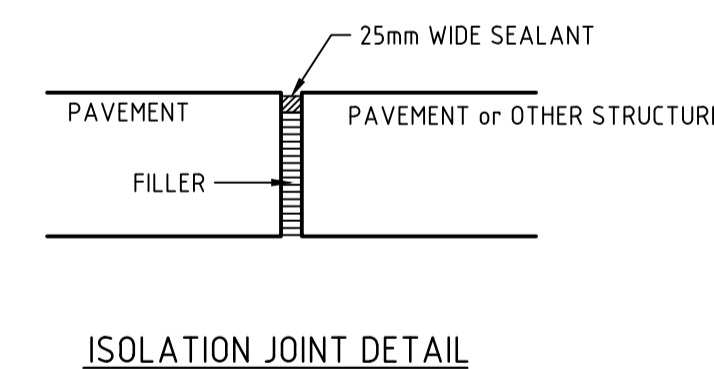
ALL JOINTS TO BE IN ACCORDANCE WITH THE CEMENT & CONCRETE ASSOCIATIONS "GUIDE TO RESIDENTIAL STREETS AND PATHS", JOINT DETAILS BELOW, VICROADS STANDARD DRAWINGS REFERENCED AND GEOTECHNICAL REPORT. LONGITUDINAL JOINTS MUST BE FORMED CLEAR OF INVERT OF DRIVEWAY SLAB.



TRANSVERSE CONTRACTION JOINTS



LONGITUDINAL JOINTS



ISOLATION JOINT DETAIL

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LEGEND

- ISOLATION JOINT
- TRANSVERSE CONTRACTION JOINT
- LONGITUDINAL JOINT

NOTE:
 DOWEL BAR @ 600mm LONG 33mm Dia
 DEFORMED BARS @ 300mm 12mm Dia

DRIVEWAY CONSTRUCTION JOINT DETAILS PLAN

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VERSION	REMARKS		
E	AS CONSTRUCTED	21.06.23	JZ
D	COUNCIL COMMENTS	31.03.2022	JZ
C	CONSTRUCTION ISSUE	18.01.2022	JZ
B	SUNDAR PLACE AMENDED	10.08.2021	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ

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



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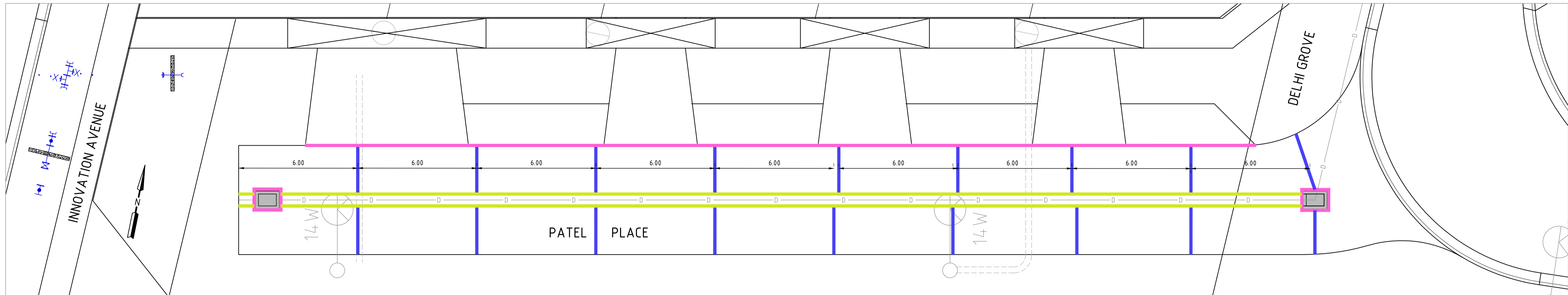
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CITY OF MELTON
 BRIDGEFIELD ESTATE, ROCKBANK
 STAGE 13
 LANEWAY CONSTRUCTION JOINT DETAILS - 1
 UNCLE LANE, AUNTY LANE & SHARMA LANE

DRAWING No.	13R35	VERSION	E
REFERENCE	22236E/13		
SHEET	35	OF	36

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Scale 1:100 @ A1

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.

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		
D	AS CONSTRUCTED	21.06.23	JZ
C	CONSTRUCTION ISSUE	18.01.2022	JZ
B	PATEL PLACE AMENDED	10.08.2021	JZ
A	PRELIMINARY ISSUE	23.03.2020	JZ

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DATUM	AHD	AUTHORISED BY	S. RAVIDA

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CITY OF MELTON
BRIDGEFIELD ESTATE, ROCKBANK
STAGE 13
LANEWAY CONSTRUCTION JOINT DETAILS - 2
KUMAR LANE

DRAWING No.	13R36	VERSION	D
REFERENCE	22236E/13		
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