

Ellerton STAGE 2 ALFRED FERRIS PTY LTD

1. GENERAL NOTES:

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS2124-1992 GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED MUNICIPALITY SPECIFICATIONS AND STANDARD DRAWINGS AND TO THE SATISFACTION OF SUPERINTENDENT AND THE CITY ENGINEER OR THEIR REPRESENTATIVE.
- COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORKS WITH A PRECOMMENCEMENT MEETING BEING HELD BETWEEN CITY OF MELTON, THE CONSULTANT AND THE CONTRACTOR, BEFORE WORKS COMMENCE. A SITE MANAGEMENT PLAN IS TO BE SUBMITTED PRIOR TO COMMENCEMENT OF WORKS.
- PRIOR TO COMMENCEMENT OF THE WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:
 - SOURCE OF QUARRY MATERIAL
 - N.A.T.A. APPROVED TESTS RESULTS FOR THE F.C.R. THAT IS TO BE USED
 - IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, THEN NEW TEST RESULTS SHALL BE PROVIDED.
- PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE WORK SAFE HEALTH AND SAFETY ACT, HAVE BEEN AND WILL BE COMPLIED WITH.
- ON COMMENCEMENT OF CONSTRUCTION WORKS, THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL." APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD OF THE WORKS.
- THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL LOCAL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.
- ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.
- ALL EXISTING ASSETS AFFECTED BY THE WORKS, EG SIGNS, VEHICLE CROSSINGS, FOOTPATHS, KERB AND LINEMARKING SHALL BE REINSTATED BY THE CONTRACTOR PRIOR TO THE COMPLETION OF THE WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- AT THE COMPLETION OF ALL WORKS, ALL RUBBISH, DEBRIS AND SURPLUS SPOIL SHALL BE REMOVED AND THE SITE SHALL BE CLEARED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.

2. SURVEY & SETOUT

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) ZONE 55.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
- ALL CHAINAGES REFER TO ROAD CENTRELINES
- TBM'S TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF T.B.M.'S THEREAFTER.
- ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES AND ARE ACCURATE TO WITHIN ±0.05m.
- SETOUT DRAWING IN DWG FORMAT WILL BE PROVIDED FOR A ALL SETOUT OF DRAINAGE/KERBS/SEWERS/FOOTPATHS etc.

3. EARTHWORKS:

- ALL FILLING TO COMPLY WITH EDMC STANDARD SECTION 12.3 EARTHWORKS & FILLING REQUIREMENTS (A.S.3798-1996 APPENDIX B, LEVEL 1 AS SPECIFIED). LEVEL 1 FILLING OVER 300mm IS TO BE SUPERVISED AND TESTED BY NATA REGISTERED SOIL LABORATORY. THE DETAILS OF FILLING SUCH AS AREA OF FILL, DEPTH OF FILL AND THE COMPACTION TEST RESULTS ARE TO BE SUBMITTED TO COUNCIL WHEN REQUEST THE STATEMENT OF COMPLIANCE.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL, SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION NO 448 (SEPT '95) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL IF REQUIRED PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- THE DISPOSAL SITE FOR SPOIL REMOVAL FROM SITE AND TRUCK ROUTE IS TO BE SUBMITTED TO AND APPROVED BY COUNCIL AND/OR THEIR REPRESENTATIVE IN WRITING PRIOR TO THE COMMENCEMENT OF ANY WORKS
- ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
- NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE FOR PUBLIC OPEN SPACE UNLESS OTHERWISE DIRECTED BY THE SUPERINTENDENT.
- ALL EXISTING DAMS ARE TO BE BREACHED, DRAINED, DESLUDGED AND SHALL BE EXCAVATED TO A CLEAN FIRM BASE. THE SURFACE SHALL BE INSPECTED APPROVED AND LEVELLED BY THE ENGINEER PRIOR TO COMMENCEMENT OF FILLING. THE FILL SHALL BE APPROVED SELECTED ON SITE MATERIAL OR APPROVED IMPORTED MATERIAL. THE FILL SHALL BE PLACED UNDER CONTROLLED MOISTURE CONDITIONS IN ACCORDANCE WITH THE SPECIFICATION
- NO BLASTING TO BE CARRIED OUT WITHIN THE MUNICIPALITY WITHOUT OBTAINING COUNCILS SPECIAL PERMISSION. RESTRICTED BLASTING WITHIN 20 METRES OF WATER MAINS AND WITHIN 6 METRES OF TELSTRA CONDUITS
- ALL EXCAVATED ROCK TO BE REMOVED AND DISPOSED OFF SITE.

4. TREE PROTECTION ZONE:

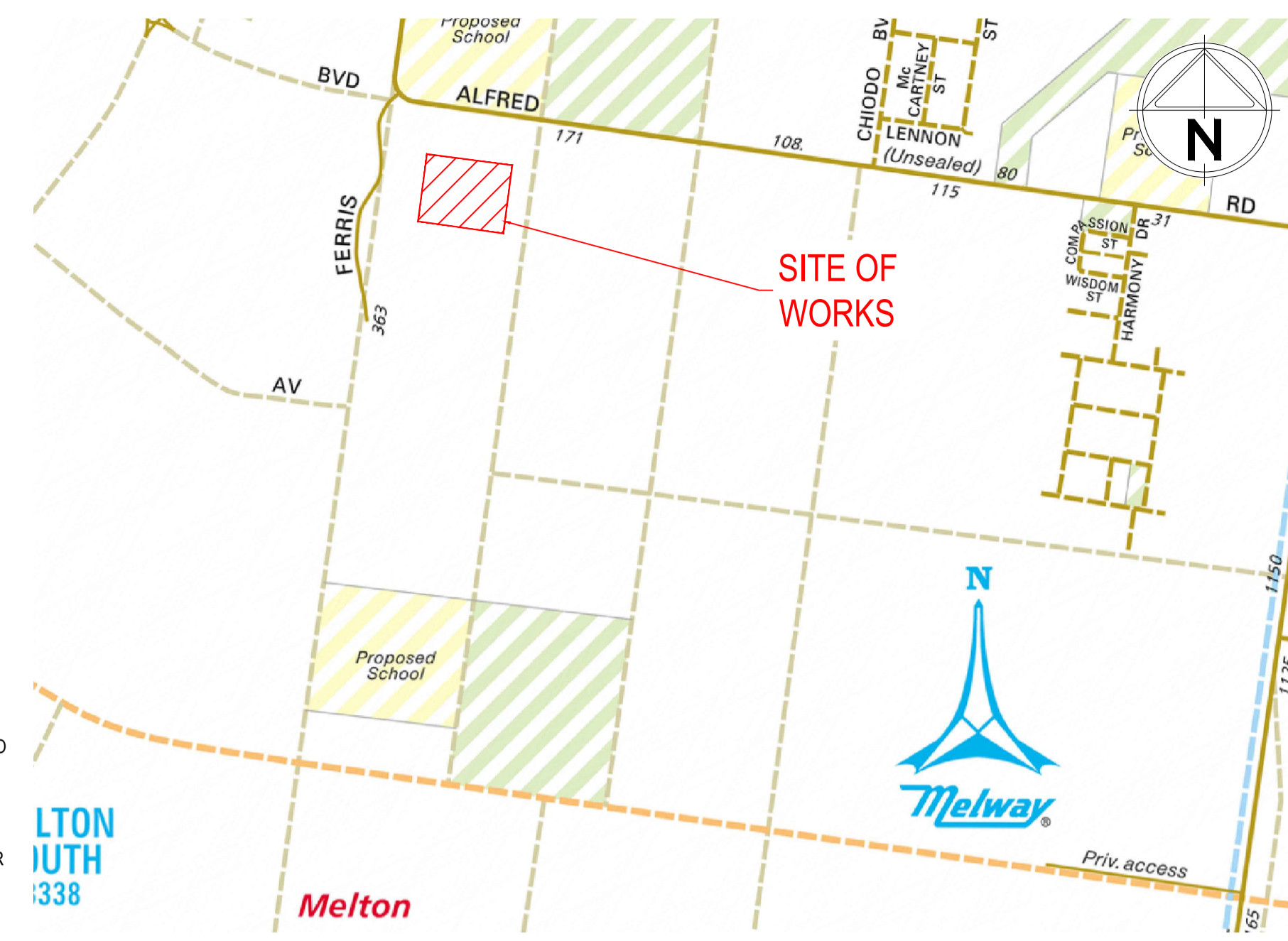
- ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN. IF ROAD AND DRAINAGE CONSTRUCTION NECESSITATES THEIR REMOVAL, WRITTEN PERMISSION MUST BE OBTAINED FROM THE ENGINEER.
- TREES ON COUNCIL RESERVES TO BE PROTECTED WITH APPROPRIATE EXCLUSION FENCING PRIOR TO COMMENCEMENT OF ANY WORKS
- PRIOR TO REMOVAL OF ANY TREES THE CONTRACTOR IS TO ENGAGE A SUITABLY QUALIFIED ENVIRONMENTAL CONSULTANT TO ASSESS RISKS TO ANIMALS LIVING OR NESTING IN ANY OF THE TREES. IF SO, THESE ANIMALS MUST BE SUITABLY RELOCATED TO APPROPRIATE AREA TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY.
- SERVICES & TRENCHING:**
 - BEFORE COMMENCING WORK ON THE TRENCHES IN EXCESS OF 1.5 METRES DEEP, NOTICE OF SUCH PROPOSAL IS TO BE SENT TO THE PRINCIPAL MINING INSPECTOR, VICTORIA WORKCOVER AUTHORITY IN ACCORDANCE WITH THE MINES ACT 1958 & O.H.S. ACT 2004. A FOREMAN, QUALIFIED AS A NOMINATED PERMITTED MINES MANAGER, MUST BE IN ATTENDANCE AT ALL TIMES DURING SUCH EXCAVATION.
 - WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES, THESE SERVICES ARE TO BE LOCATED AND EXPOSED/PROVED PRIOR TO COMMENCEMENT OF WORKS, AND THE RELEVANT AUTHORITIES NOTIFIED SEVEN (7) CLEAR DAYS PRIOR TO THE COMMENCEMENT OF THE WORKS.
 - ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND PARKING BAYS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
 - WATER CONDUITS ARE TO BE 250mm CLASS 12 P.V.C. WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS:
 - ROAD PAVEMENT - 800mm
 - VERGE, FOOTPATHS - 450mm
 - ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS TO BE BACKFILLED WITH 2% CEMENT TREATED CRUSHED ROCK.
 - WATER TAPPINGS TO BE LOCATED IN CENTRE OF ALLOTMENTS UNLESS OTHERWISE SHOWN. REFER TO WATER DESIGN DRAWINGS FOR NOMINATED OFFSETS.
 - SERVICE CROSSING LOCATIONS SHALL BE MARKED ON KERBS IN ACCORDANCE WITH EDMC 303
 - ALL FIRE HYDRANTS ARE TO BE MARKED IN ACCORDANCE WITH "IDENTIFICATION OF STREET HYDRANTS FOR FIREFIGHTING PURPOSES" PUBLICATION (DEVELOPED BY C.F.A, M.F.E.S.B & N.R.E). MARKINGS TO BE VIA BLUE PAVEMENT MARKER AND A (RED TOPPED) WHITE POST.
- CONCRETE WORKS:**
 - FOOTPATHS ARE TO BE 50mm OFFSET FROM TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY
 - FOOTPATHS TO BE 125mm THICK N25 CONCRETE WITH SL72 MESH (50mm TOP COVER) ON 50mm THICK 20mm NOMINAL SIZE CLASS 3 CRUSHED ROCK OR CLASS 3 CRUSHED CONCRETE MECHANICALLY COMPACTED IN ACCORDANCE WITH EDMC 401
 - FOOTPATHS TO BE THICKENED AROUND PITS IN ACCORDANCE WITH EDMC 402
 - PRAM CROSSINGS AND KERB RAMPS TO BE IN ACCORDANCE WITH EDMC 403
 - DRIVEWAYS TO BE 125mm THICK N25 CONCRETE WITH SL72 MESH (50mm TOP COVER) ON 50mm THICK 20mm NOMINAL SIZE CLASS 3 CRUSHED ROCK OR CLASS 3 CRUSHED CONCRETE MECHANICALLY COMPACTED IN ACCORDANCE WITH EDMC 501 & EDMC 502
 - KERB & CHANNEL TO BE IN ACCORDANCE WITH EDMC 301 & 302
 - ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SANDBLASTING ONLY. WASHING AGGREGATE OFF WITH WATER IS NOT PERMITTED.
 - ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE WITH 450mm LONG Y20 DOWEL BARS @ 600 CENTRES, UNLESS OTHERWISE SPECIFIED.

SERVICE OFFSET TABLE

ROAD NAME	ROAD RESERVE WIDTH	TREE	GAS		WATER				ELECTRICITY				COMMUNICATIONS/ NBN				BACK OF KERB	SHARED TRENCHING
					NDW		DW		CABLES		POLES		CABLES		PITS			
			SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET		
MISTLETOE DRIVE	16	Y	N	1.8	-	-	N	2.3	S	2.6	S	3.2	S	1.8	S	1.8	4.2	T, E & DW, G
SICKLEFERN DRIVE	14.5	Y	W	1.8	-	-	W	2.3	E	0.9	E	1.7	E	0.3	E	0.3	4.2W, 2.7E	T, E & DW, G
EVERLASTING BOULEVARD	25	Y	W	1.8	-	-	W	2.3	E	2.6	E	1m BOK	E	1.8	E	1.8	VARIES	T, E & DW, G

- TELSTRA AND ELECTRICITY CABLES TO BE CONSTRUCTED IN A COMMON TRENCH IN ACCORDANCE WITH ELECTRICITY AUTHORITY STANDARD DRG's.
- GAS AND WATER MAINS TO BE CONSTRUCTED IN A COMMON TRENCH.
- * = OFFSET FROM BACK OF KERB

WARNING
BEWARE OF UNDERGROUND/OVERHEAD SERVICES
THE LOCATION OF SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.



LEGEND:

- xw - EXISTING WATER MAIN
- xwr - EXISTING RECYCLED WATER MAIN
- xe - EXISTING UNDERGROUND ELECTRICITY
- xe(oh) - EXISTING OVERHEAD ELEC & POLE
- xt - EXISTING TELSTRA & SERVICE PIT
- xof - EXISTING OPTIC FIBRE
- xg - EXISTING GAS MAIN
- / - / - / - EXISTING FENCE
- xs - EXISTING SEWER & MANHOLE
- xsr - EXISTING SEWER RISING MAIN
- Ex 4500 - EXISTING STORMWATER DRAIN & PIT
- H - EXISTING HOUSE DRAIN
- 168.90 - EXISTING SURFACE CONTOUR MINOR
- 169.00 - EXISTING SURFACE CONTOUR MAJOR
- - - - EXISTING TOP OF BATTER
- - - - EXISTING TOE OF BATTER
- - - - EXISTING KERB
- - - - EXISTING FOOTPATH
- EX158.664 - EXISTING SURFACE LEVEL
- FS158.385 - FINISHED SURFACE LEVEL
- TB167.15 - TOP/TOE OF BATTER LEVEL
- - - - EXISTING BUILDING
- - - - EXISTING SIGN AND POST
- - - - EXISTING PERMANENT SURVEY MARK
- - - - ROAD RESERVE
- - - - LOT BOUNDARY
- - - - EASEMENT
- SM2 - KERB & CHANNEL + TYPE
- - - - SAWCUT PAVEMENT
- - - - CONCRETE EDGE STRIP
- 52 - ALLOTMENT NUMBER
- CH20.06 - ROAD CHAINAGE
- TPCh - TANGENT POINT CHAINAGE
- 116.57 - SET-OUT POINT
- R2 - SET-OUT POINT
- 168.90 - FINISHED SURFACE CONTOUR MINOR
- 169.00 - FINISHED SURFACE CONTOUR MAJOR
- DW - PROPOSED WATER MAIN
- NDW - PROPOSED RECYCLED WATER MAIN
- E - PROPOSED ELECTRICITY
- T - PROPOSED TELSTRA
- OF - PROPOSED OPTIC FIBRE CONDUIT
- G - PROPOSED GAS MAIN
- S - PROPOSED SEWER
- 4500 - PROPOSED SEWER RISING MAIN
- 4500 - PROPOSED STORMWATER DRAIN & PIT
- H - PROPOSED HOUSE DRAIN
- 4500 - PROPOSED DRAINAGE INLET
- X - AUTHORITY DRAIN & PIT
- X - PIT NUMBER
- 1.0m - DRAINAGE OFFSET
- - - - PROPOSED FOOTPATH
- - - - PROPOSED DRIVEWAY
- - - - PROPOSED INDUSTRIAL DRIVEWAY
- CD - GAS & WATER CONDUIT
- SD - PROPOSED SCHEDULE DRAIN
- SD - PROPOSED SVALE DRAIN
- 5 - 5 YEAR FLOW ARROW
- 100 - 100 YEAR FLOW ARROW
- TM - TEMPORARY BENCH MARK (TBM)
- TM - PROPOSED PERMANENT SURVEY MARK
- TM - PROPOSED BOLLARD
- TM - PROPOSED LIGHT & POLE
- TM - PROPOSED ESTATE FENCE
- TM - PROPOSED TREE FENCING
- TM - PROPOSED TOP OF BATTER
- TM - PROPOSED TOE OF BATTER
- TM - RIDGE / CHANGE OF GRADE
- TM - PROPOSED SLEEPER RETAINING WALL
- TM - PROPOSED ROCK RETAINING WALL
- TM - EXISTING TREE TO BE RETAINED (SURVEYED CANOPY)
- TM - EXISTING TREE TO BE REMOVED
- TM - PARKING BAY/PAVED AREA
- TM - CONCRETE PAVEMENT THRESHOLD
- TM - CONCRETE PAVEMENT
- TM - ROCK BEACHING
- TM - CRUSHED ROCK TURNAROUND
- TM - EXCAVATION GREATER THAN 300mm
- TM - FILLING GREATER THAN 300mm
- TM - PAVEMENT TO BE REMOVED

SHEET INDEX

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5	1	DETAIL PLAN - 2
6	1	ROAD LONGITUDINAL SECTIONS - 1
7	1	ROAD CROSS SECTIONS - 1
8	1	ROAD CROSS SECTIONS - 2
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10	1	INTERSECTION DETAILS - 1
11	1	DRAINAGE LONGITUDINAL SECTIONS - 1
12	1	DRAINAGE LONGITUDINAL SECTIONS - 2
13	1	DRAINAGE PIT SCHEDULE AND DETAILS
14	1	STANDARD DETAILS - 1
15	1	STANDARD DETAILS - 2
16	1	SIGNAGE & LINEMARKING - 1
17	1	PASSIVE TREE IRRIGATION DETAILS

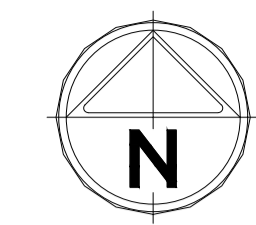
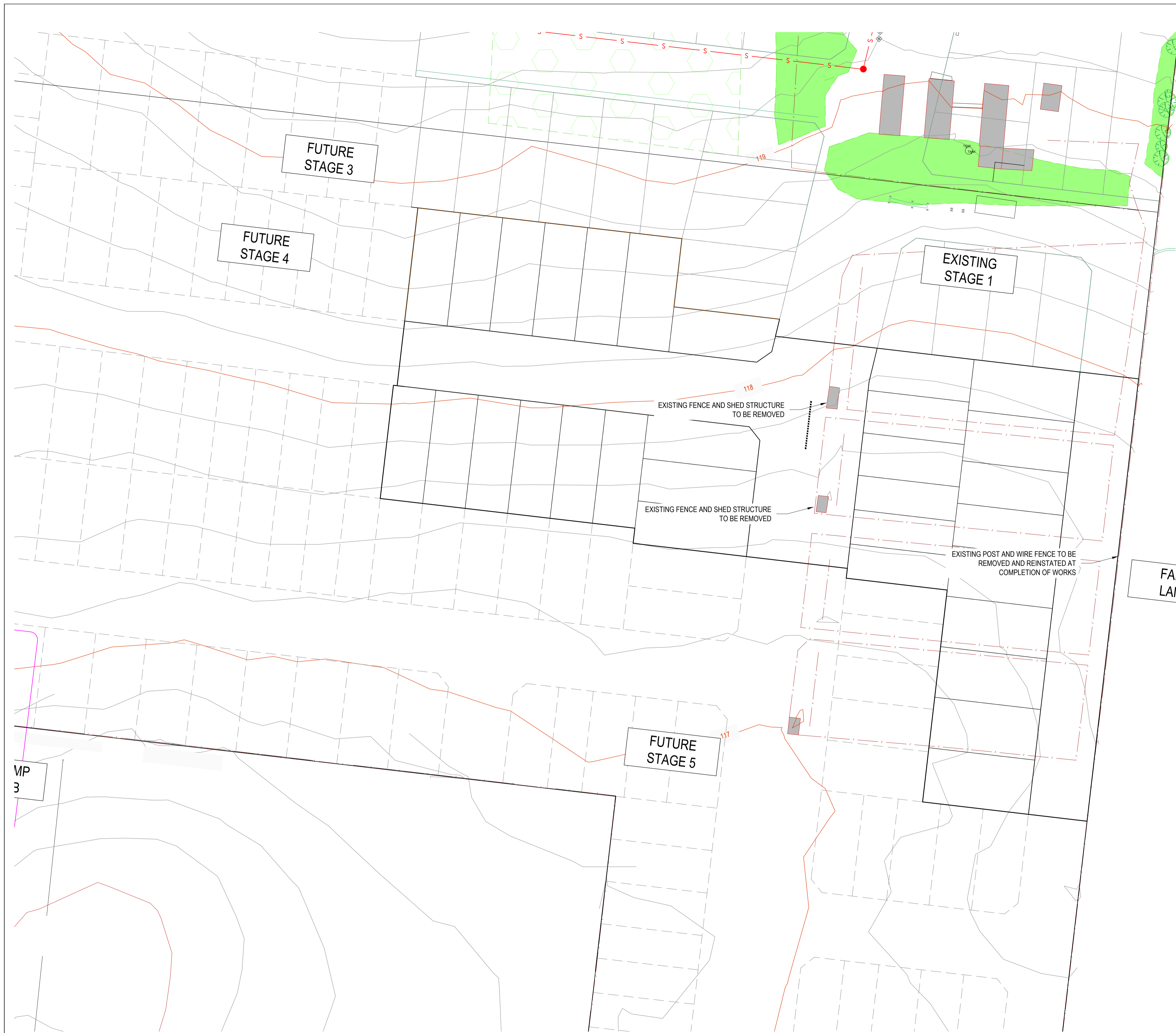
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REV.	AMENDMENTS	APP'D	DATE
0	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
1	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021



PM	A. CHUDLEIGH
DESIGNED	19.08.2021
CHECKED	T. BARBOUR
	20.08.2021
	S. FALKENSTEIN
	20.08.2021
AUTHORISED	A. CHUDLEIGH
	20.08.2021
MELWAYS	343 F7
POST No.	PS904921P
STATUS:	CONSTRUCTION

**ELLERTON
STAGE 2**
CITY OF MELTON
LOCALITY PLAN & GENERAL NOTES



- LEGEND:**
- EXISTING WATER MAIN
 - EXISTING RECYCLED WATER MAIN
 - EXISTING UNDERGROUND ELECTRICITY
 - EXISTING OVERHEAD ELEC & POLE
 - EXISTING TELSTRA & SERVICE PIT
 - EXISTING OPTIC FIBRE
 - EXISTING GAS MAIN
 - EXISTING FENCE
 - EXISTING SEWER & MANHOLE
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 - EXISTING SURFACE LEVEL
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 - CONCRETE EDGE STRIP
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 - ROAD CHAINAGE
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 - FINISHED SURFACE CONTOUR MINOR
 - FINISHED SURFACE CONTOUR MAJOR
 - FINISHED SURFACE LEVEL
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 - PROPOSED WATER MAIN
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 - PROPOSED OPTIC FIBRE CONDUIT
 - PROPOSED GAS MAIN
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 - PROPOSED SEWER RISING MAIN
 - PROPOSED STORMWATER DRAIN & PIT
 - PROPOSED HOUSE DRAIN
 - PROPOSED DRAINAGE INLET
 - AUTHORITY DRAIN & PIT
 - PIT NUMBER
 - PROPOSED FOOTPATH
 - PROPOSED DRIVEWAY
 - PROPOSED INDUSTRIAL DRIVEWAY
 - PROPOSED AG DRAIN & FLUSHER PIT
 - PROPOSED CATCH DRAIN
 - PROPOSED SWALE DRAIN
 - 5 YEAR FLOW ARROW
 - 100 YEAR FLOW ARROW
 - TEMPORARY BENCH MARK (TBM)
 - PROPOSED PERMANENT SURVEY MARK
 - PROPOSED BOLLARD
 - PROPOSED LIGHT & POLE
 - PROPOSED ESTATE FENCE
 - PROPOSED PROTECTIVE TREE FENCING
 - PROPOSED TOP OF BATTER
 - PROPOSED TOE OF BATTER
 - RIDGE / CHANGE OF GRADE
 - PROPOSED SLEEPER RETAINING WALL
 - PROPOSED ROCK RETAINING WALL
 - EXISTING TREE TO BE RETAINED (SURVEYED CANOPY)
 - EXISTING TREE TO BE REMOVED
 - PARKING BAY/PAVED AREA
 - EXCAVATION GREATER THAN 300mm
 - FILLING GREATER THAN 300mm
 - PAVEMENT TO BE REMOVED
 - CONCRETE PAVEMENT
 - ROCK BEACHING
 - CRUSHED ROCK TURNAROUND

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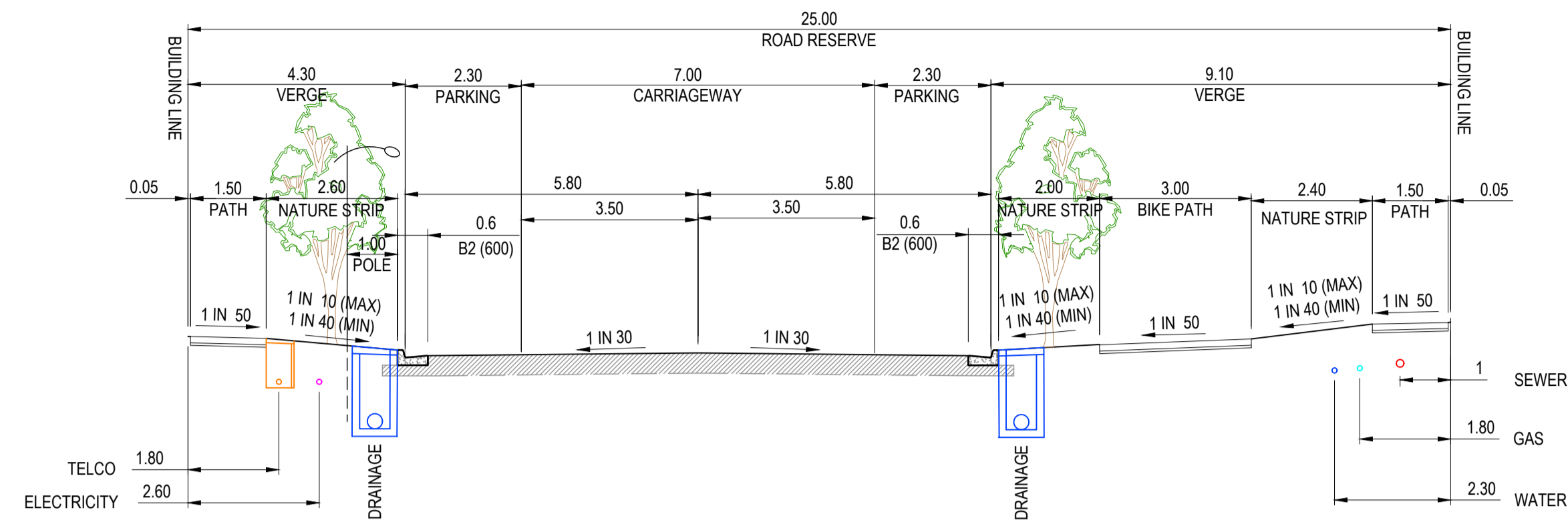
PM	A. CHUDLEIGH
DESIGNED	19.08.2021
T. BARBOUR	
CHECKED	20.08.2021
S. FALKENSTEIN	
AUTHORISED	20.08.2021
A. CHUDLEIGH	
MELBURN	343 F7
POS No.	PSS04921P
STATUS:	CONSTRUCTION

ELLERTON
STAGE 2
 CITY OF MELTON
 EXISTING FEATURES PLAN

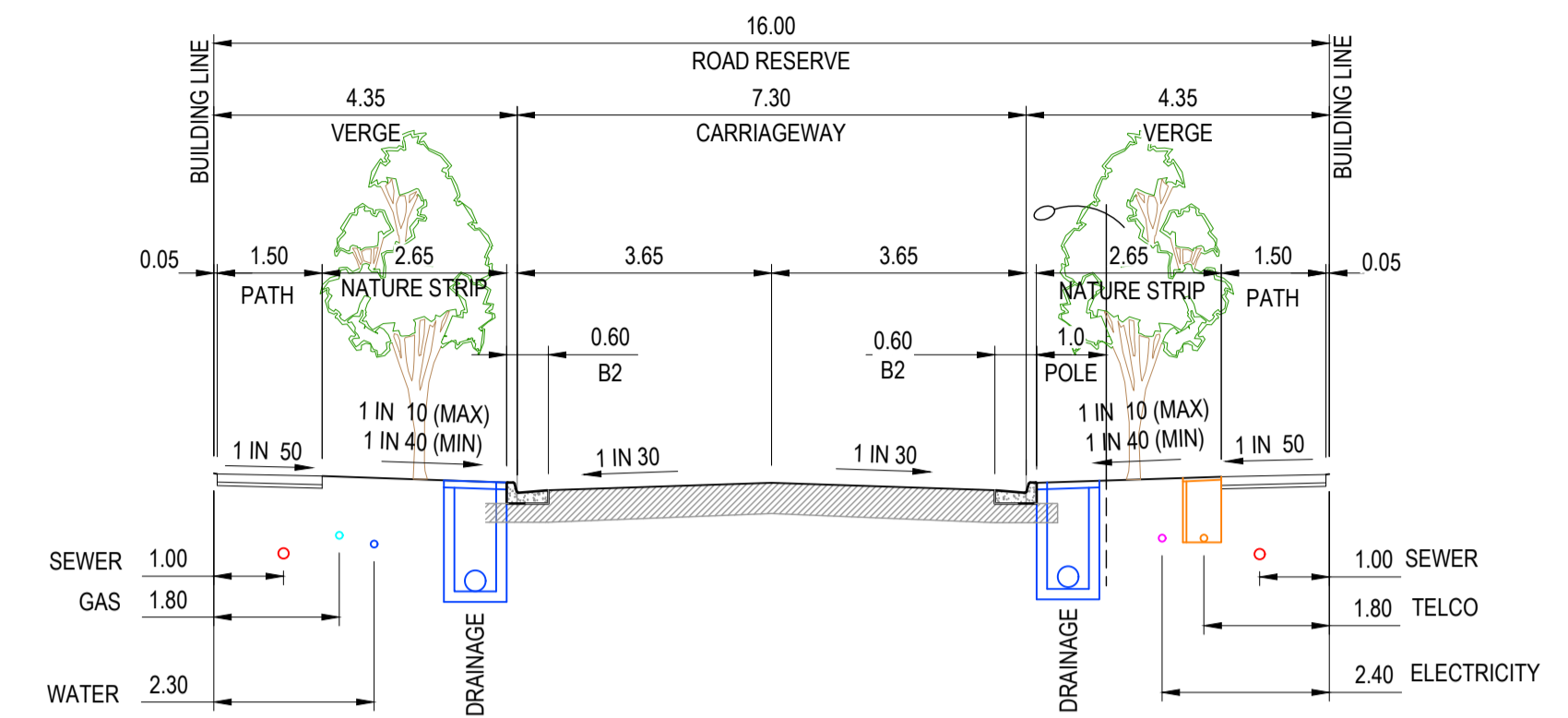
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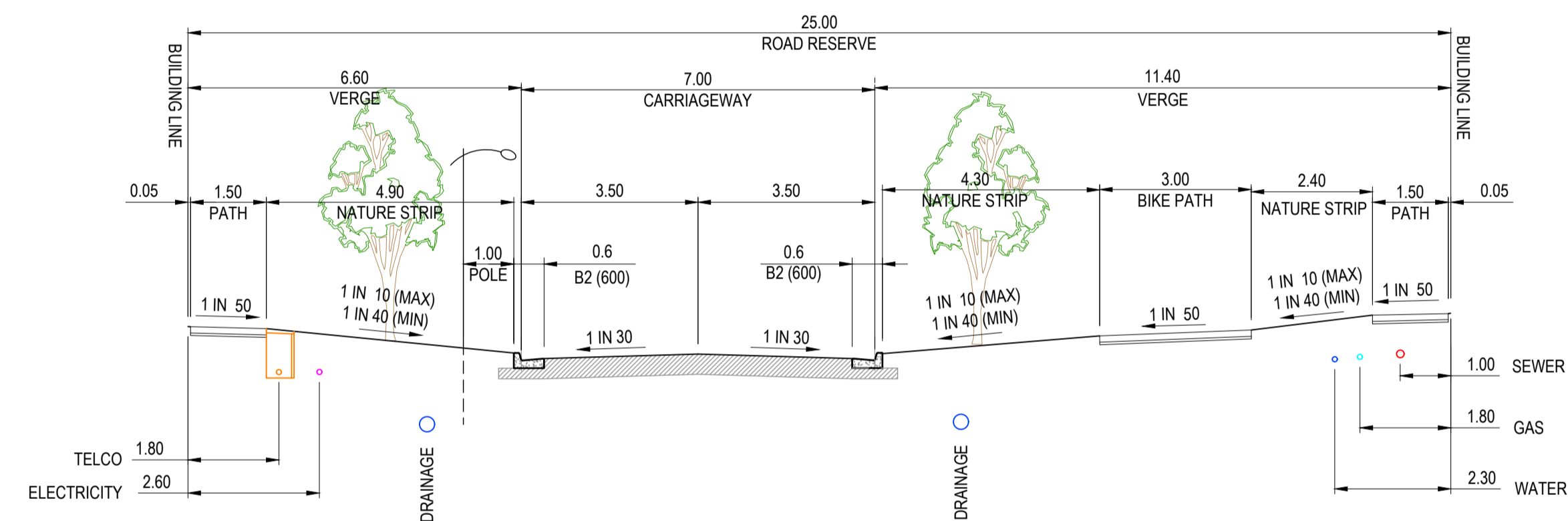
SHEET No. 2 OF 17
 REV. 1



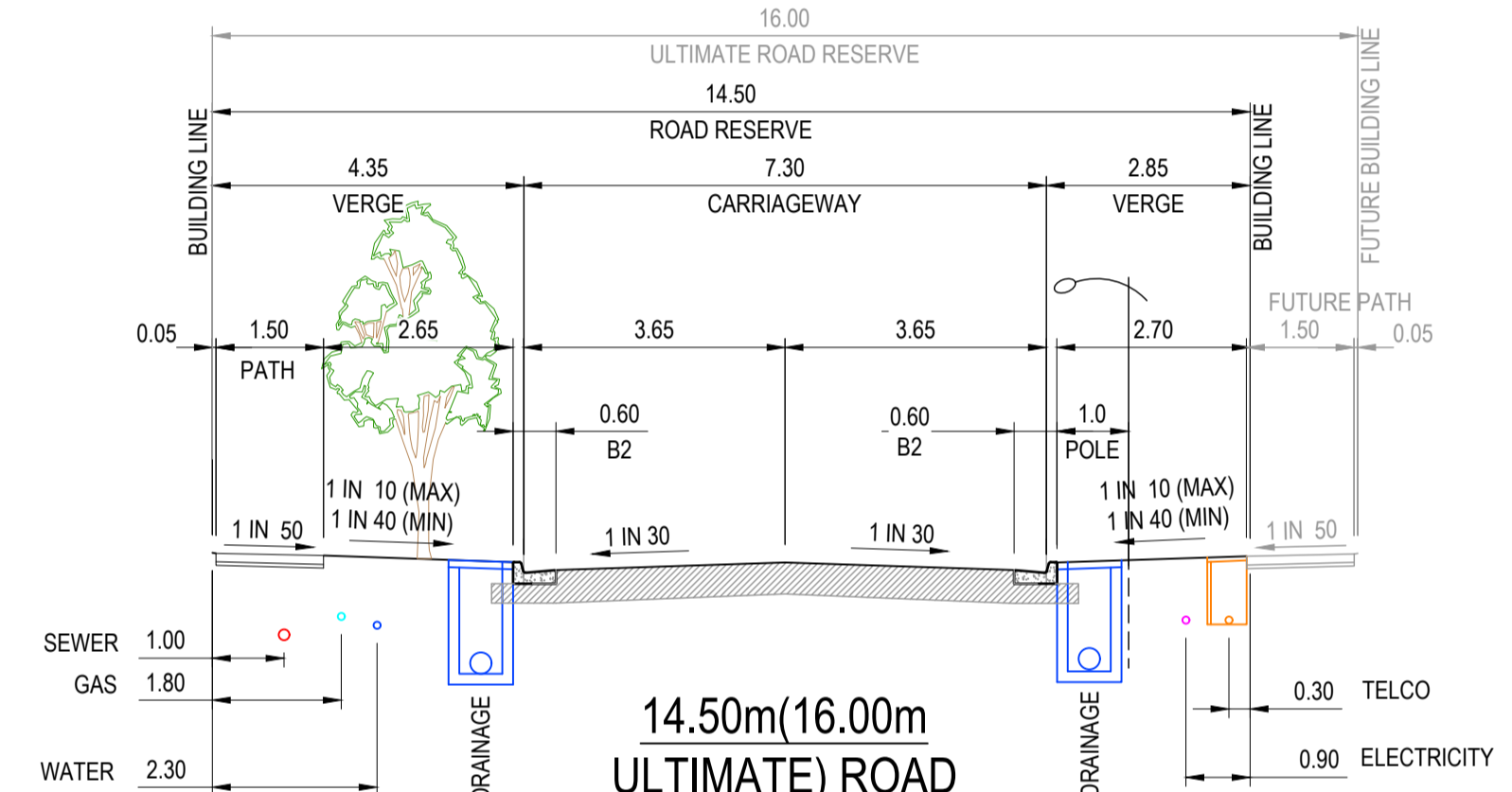
25.00m ROAD RESERVE
7.00m CARRIAGEWAY (WITH INDENTED PARKING BAYS)
EVERLASTING BOULEVARD
SCALE: 1:100



16.00m ROAD RESERVE
7.30m CARRIAGEWAY
MISTLETOE DRIVE
SCALE: 1:100



25.00m ROAD RESERVE
7.0m CARRIAGEWAY
EVERLASTING BOULEVARD
SCALE: 1:100



14.50m (16.00m ULTIMATE) ROAD RESERVE
7.30m CARRIAGEWAY
SICKFERN DRIVE
SCALE: 1:100

1. SIZE/DEPTH OF SERVICE SHOWN INDICATIVE ONLY
2. STREET TREES & LIGHT POLES SHOWN INDICATIVE ONLY. (PLEASE REFER TO LANDSCAPE/UG CABLE PLANS FOR DETAILS).

REV.	AMENDMENTS	APP'D	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021



Ph: 03 9562 7424

Scale AS SHOWN

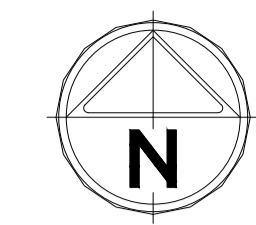
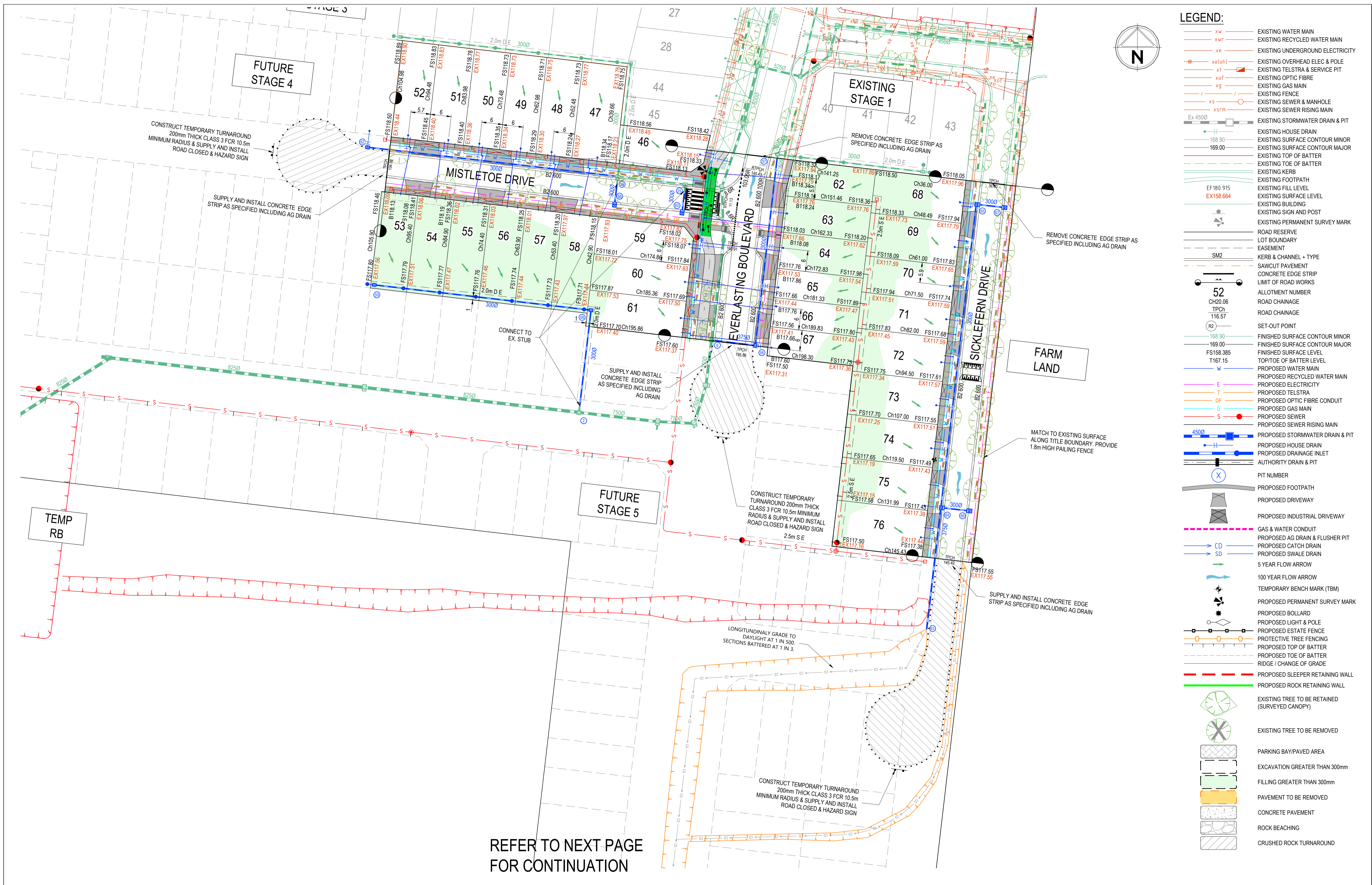
PM	A. CHUDLEIGH
DESIGNED	19.08.2021
CHECKED	T. BARBOUR
AUTHORISED	S. FALKENSTEIN
MELBAYS	343 F7
STATUS	PS904921P

ELLERTON
STAGE 2
CITY OF MELTON
ROAD TYPICAL SECTIONS

CONSTRUCTION

136402RD03

SHEET No. 3 OF 17
REV. 1



- LEGEND:**
- EXISTING WATER MAIN
 - EXISTING RECYCLED WATER MAIN
 - EXISTING UNDERGROUND ELECTRICITY
 - EXISTING OVERHEAD ELEC & POLE
 - EXISTING TELSTRA & SERVICE PIT
 - EXISTING OPTIC FIBRE
 - EXISTING GAS MAIN
 - EXISTING FENCE
 - EXISTING SEWER & MANHOLE
 - EXISTING SEWER RISING MAIN
 - EXISTING STORMWATER DRAIN & PIT
 - EXISTING HOUSE DRAIN
 - EXISTING SURFACE CONTOUR MINOR
 - EXISTING SURFACE CONTOUR MAJOR
 - EXISTING TOP OF BATTER
 - EXISTING TOE OF BATTER
 - EXISTING KERB
 - EXISTING FOOTPATH
 - EXISTING FILL LEVEL
 - EXISTING SURFACE LEVEL
 - EXISTING BUILDING
 - EXISTING SIGN AND POST
 - EXISTING PERMANENT SURVEY MARK
 - ROAD RESERVE
 - LOT BOUNDARY
 - EASEMENT
 - KERB & CHANNEL + TYPE
 - SAWCUT PAVEMENT
 - CONCRETE EDGE STRIP
 - LIMIT OF ROAD WORKS
 - ALLOTMENT NUMBER
 - ROAD CHAINAGE
 - ROAD CHAINAGE
 - SET-OUT POINT
 - FINISHED SURFACE CONTOUR MINOR
 - FINISHED SURFACE CONTOUR MAJOR
 - FINISHED SURFACE LEVEL
 - TOP/TOE OF BATTER LEVEL
 - PROPOSED WATER MAIN
 - PROPOSED RECYCLED WATER MAIN
 - PROPOSED ELECTRICITY
 - PROPOSED TELSTRA
 - PROPOSED OPTIC FIBRE CONDUIT
 - PROPOSED GAS MAIN
 - PROPOSED SEWER
 - PROPOSED SEWER RISING MAIN
 - PROPOSED STORMWATER DRAIN & PIT
 - PROPOSED HOUSE DRAIN
 - PROPOSED DRAINAGE INLET
 - AUTHORITY DRAIN & PIT
 - PIT NUMBER
 - PROPOSED FOOTPATH
 - PROPOSED DRIVEWAY
 - PROPOSED INDUSTRIAL DRIVEWAY
 - GAS & WATER CONDUIT
 - PROPOSED AG DRAIN & FLUSHER PIT
 - PROPOSED CATCH DRAIN
 - PROPOSED SWALE DRAIN
 - 5 YEAR FLOW ARROW
 - 100 YEAR FLOW ARROW
 - TEMPORARY BENCH MARK (TBM)
 - PROPOSED PERMANENT SURVEY MARK
 - PROPOSED BOLLARD
 - PROPOSED LIGHT & POLE
 - PROPOSED ESTATE FENCE
 - PROTECTIVE TREE FENCING
 - PROPOSED TOP OF BATTER
 - PROPOSED TOE OF BATTER
 - RIDGE / CHANGE OF GRADE
 - PROPOSED SLEEPER RETAINING WALL
 - PROPOSED ROCK RETAINING WALL
 - EXISTING TREE TO BE RETAINED (SURVEYED CANOPY)
 - EXISTING TREE TO BE REMOVED
 - PARKING BAY/PAVED AREA
 - EXCAVATION GREATER THAN 300mm
 - FILLING GREATER THAN 300mm
 - PAVEMENT TO BE REMOVED
 - CONCRETE PAVEMENT
 - ROCK BEACHING
 - CRUSHED ROCK TURNAROUND

REFER TO NEXT PAGE FOR CONTINUATION

REV.	AMENDMENTS	APP'D	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

WARNING
 BEWARE OF UNDERGROUND/OVERHEAD SERVICES
 THE LOCATION OF SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.



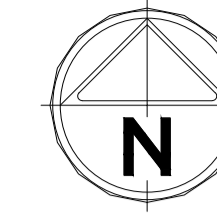
PEAKURBAN
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 Ph: 03 9562 7424
 Horizontal 0 5 10 15 20 25
 Vertical 0 5 10 15 20 25
 Scale 1:500 A1

PM	A. CHUDLEIGH
DESIGNED	19.08.2021
CHECKED	T. BARBOUR
AUTHORISED	S. FALKENSTEIN
MELBURN	A. CHUDLEIGH
STATUS	PS904921P

ELLERTON
 STAGE 2
 CITY OF MELTON
 DETAIL PLAN -1

REFER TO PRIOR PAGE
FOR CONTINUATION

CONSTRUCT TEMPORARY TURNAROUND
200mm THICK CLASS 3 FCR 10.5m
MINIMUM RADIUS & SUPPLY AND INSTALL
ROAD CLOSED & HAZARD SIGN



LEGEND:

- EXISTING WATER MAIN
- EXISTING RECYCLED WATER MAIN
- EXISTING UNDERGROUND ELECTRICITY
- EXISTING OVERHEAD ELEC & POLE
- EXISTING TELSTRA & SERVICE PIT
- EXISTING OPTIC FIBRE
- EXISTING GAS MAIN
- EXISTING FENCE
- EXISTING SEWER & MANHOLE
- EXISTING SEWER RISING MAIN
- EXISTING STORMWATER DRAIN & PIT
- EXISTING HOUSE DRAIN
- EXISTING SURFACE CONTOUR MINOR
- EXISTING SURFACE CONTOUR MAJOR
- EXISTING TOP OF BATTER
- EXISTING TOE OF BATTER
- EXISTING KERB
- EXISTING FOOTPATH
- EXISTING FILL LEVEL
- EXISTING SURFACE LEVEL
- EXISTING BUILDING
- EXISTING SIGN AND POST
- EXISTING PERMANENT SURVEY MARK
- ROAD RESERVE
- LOT BOUNDARY
- EASEMENT
- KERB & CHANNEL + TYPE
- SAWCUT PAVEMENT
- CONCRETE EDGE STRIP
- LIMIT OF ROAD WORKS
- ALLOTMENT NUMBER
- ROAD CHAINAGE
- ROAD CHAINAGE
- SET-OUT POINT
- FINISHED SURFACE CONTOUR MINOR
- FINISHED SURFACE CONTOUR MAJOR
- FINISHED SURFACE LEVEL
- TOP/TOE OF BATTER LEVEL
- PROPOSED WATER MAIN
- PROPOSED RECYCLED WATER MAIN
- PROPOSED ELECTRICITY
- PROPOSED TELSTRA
- PROPOSED OPTIC FIBRE CONDUIT
- PROPOSED GAS MAIN
- PROPOSED SEWER
- PROPOSED SEWER RISING MAIN
- PROPOSED STORMWATER DRAIN & PIT
- PROPOSED HOUSE DRAIN
- PROPOSED DRAINAGE INLET
- AUTHORITY DRAIN & PIT
- PIT NUMBER
- PROPOSED FOOTPATH
- PROPOSED DRIVEWAY
- PROPOSED INDUSTRIAL DRIVEWAY
- GAS & WATER CONDUIT
- PROPOSED AG DRAIN & FLUSHER PIT
- PROPOSED CATCH DRAIN
- PROPOSED SWALE DRAIN
- 5 YEAR FLOW ARROW
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- TEMPORARY BENCH MARK (TBM)
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- RIDGE / CHANGE OF GRADE
- PROPOSED SLEEPER RETAINING WALL
- PROPOSED ROCK RETAINING WALL
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- EXISTING TREE TO BE REMOVED
- PARKING BAY/PAVED AREA
- EXCAVATION GREATER THAN 300mm
- FILLING GREATER THAN 300mm
- PAVEMENT TO BE REMOVED
- CONCRETE PAVEMENT
- ROCK BEACHING
- CRUSHED ROCK TURNAROUND

REV.	AMENDMENTS	APP'D	DATE
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A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

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SERVICES ARE SHOWN. SPECIAL CONSIDERATION
SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES
UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.



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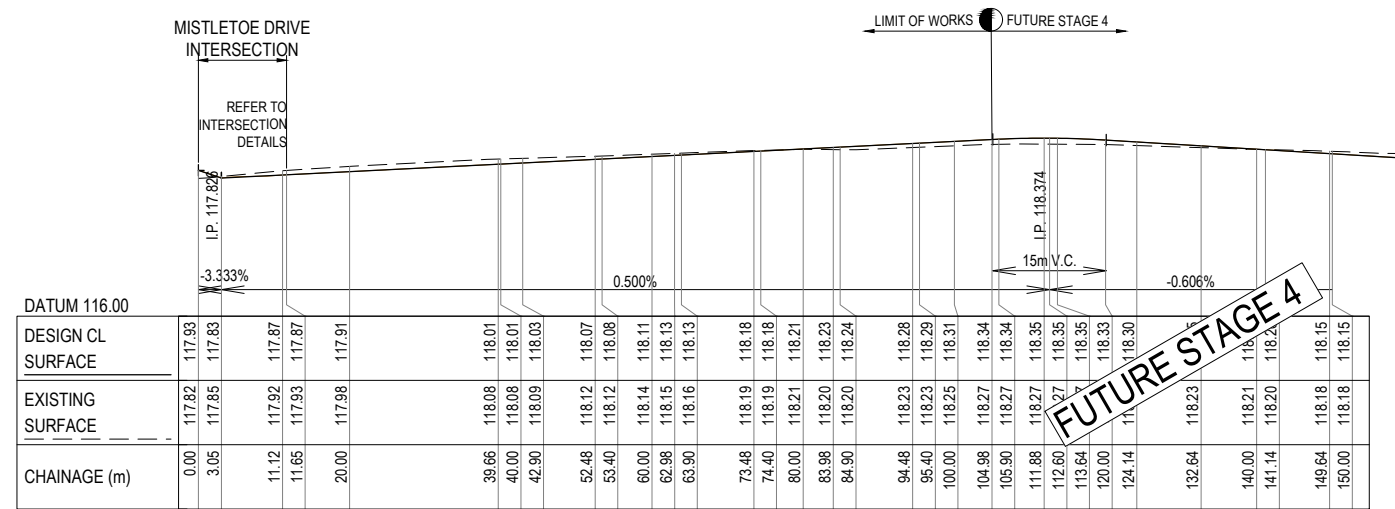
PM	A. CHUDLEIGH
DESIGNED	19.08.2021
T. BARBOUR	
CHECKED	20.08.2021
S. FALKENSTEIN	
AUTHORISED	20.08.2021
A. CHUDLEIGH	
MELBURN	343 F7
POS No:	P5904921P
STATUS:	CONSTRUCTION

136402RD05
SHEET No: 5 OF 17
REV. 1

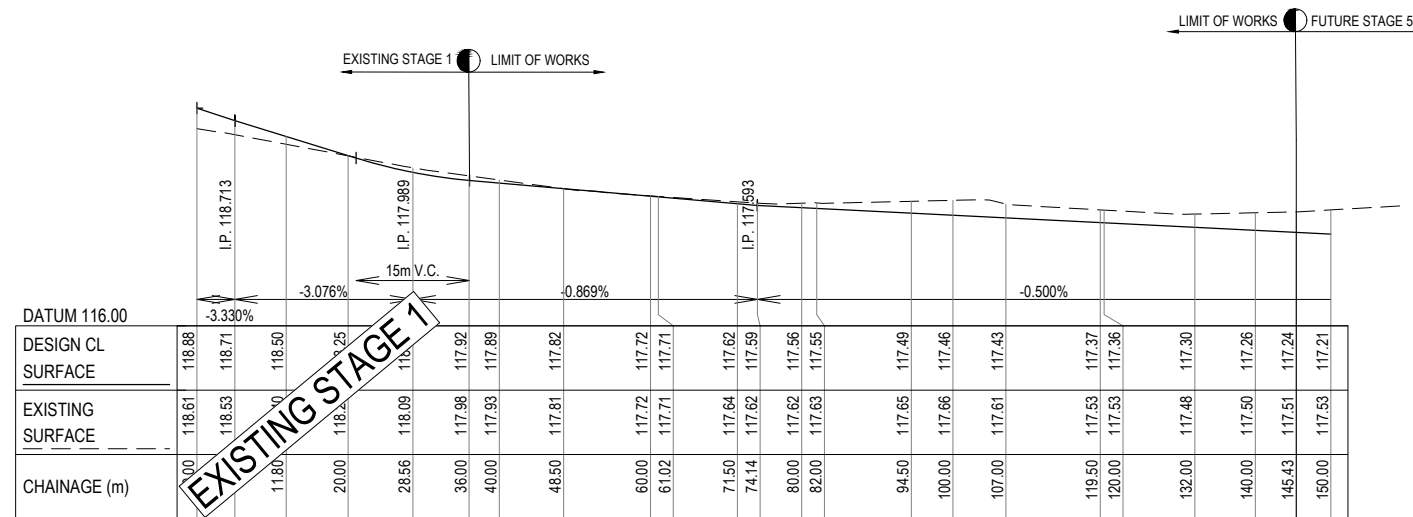
ELLERTON
STAGE 2
CITY OF MELTON
DETAIL PLAN - 2



EVERLASTING BOULEVARD - LONGITUDINAL SECTION



MISTLETOE DRIVE - LONGITUDINAL SECTION



SICKLEFERN DRIVE - LONGITUDINAL SECTION

REV.	AMENDMENTS	APPD	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

LEGEND:

- DESIGN CL SURFACE LEVEL
- LEFT DESIGN LIP OF KERB
- RIGHT DESIGN LIP OF KERB
- EXISTING RIGHT BUILDING LINE
- EXISTING LEFT BUILDING LINE
- EXISTING SURFACE

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Ph: 03 9562 7424



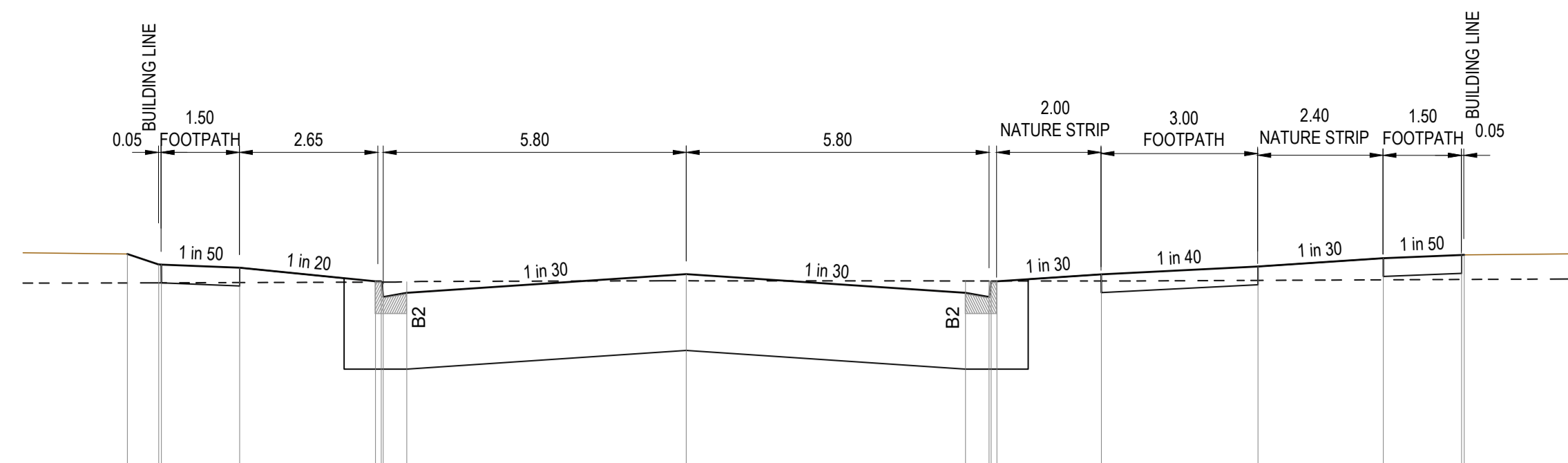
PM	A. CHUDLEIGH
DESIGNED	19.08.2021
T. BARBOUR	
CHECKED	20.08.2021
S. FALKENSTEIN	
AUTHORISED	20.08.2021
A. CHUDLEIGH	
MELBAYS	343 F7
STATUS	PSS04921P

ELLERTON
 STAGE 2
 CITY OF MELTON
 ROAD LONGITUDINAL SECTIONS - 1

CONSTRUCTION

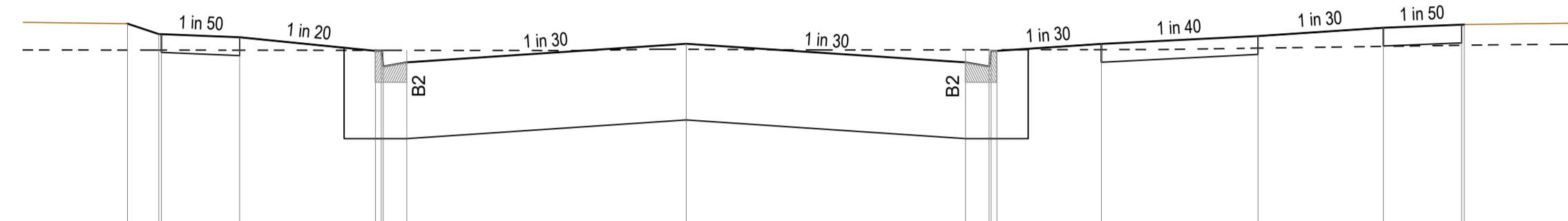
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SHEET No: 6 OF 17
 REV. 1



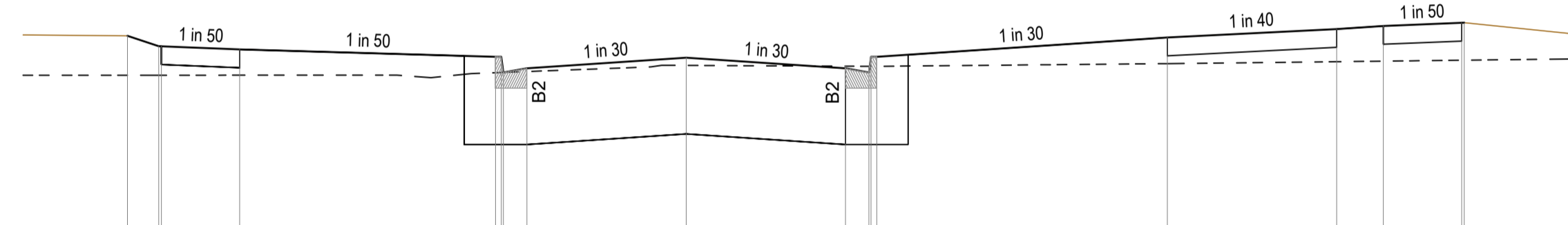
DATUM 115.50											
DESIGN SURFACE		117.61	117.51	117.48		117.35	117.35	117.20	117.24		117.42
EXISTING SURFACE		117.34	117.34	117.34		117.34	117.34	117.20	117.35		117.36
OFFSET		-10.70	-10.10	-10.05		-8.55		-5.95	-5.84		-5.80

EVERLASTING BOULEVARD CH. 195.86



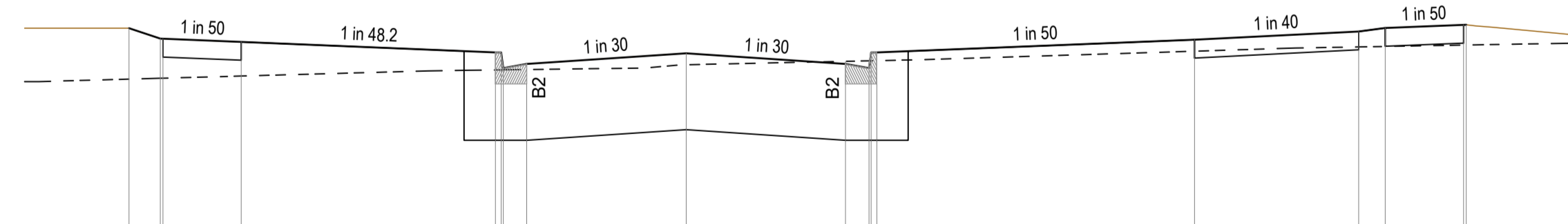
DATUM 115.50											
DESIGN SURFACE		117.70	117.60	117.57		117.44	117.29	117.33		117.51	
EXISTING SURFACE		117.45	117.45	117.45		117.45	117.29	117.33		117.46	
OFFSET		-10.70	-10.10	-10.05		-8.55		-5.95	-5.84		-5.80

EVERLASTING BOULEVARD CH. 185.36



DATUM 115.50											
DESIGN SURFACE		117.97	117.87	117.84		117.77	117.62	117.77		117.95	
EXISTING SURFACE		117.59	117.59	117.59		117.62	117.62	117.62		117.70	
OFFSET		-10.70	-10.10	-10.05		-8.55		-3.65	-3.54		-3.50

EVERLASTING BOULEVARD CH. 167.91



DATUM 116.00											
DESIGN SURFACE		118.33	118.23	118.19		118.09	117.94	117.96		118.22	
EXISTING SURFACE		117.84	117.85	117.87		117.93	117.93	117.93		118.11	
OFFSET		-10.67	-10.07	-10.02		-8.52		-3.65	-3.54		-3.50

EVERLASTING BOULEVARD CH. 145.43

REV.	AMENDMENTS	APP'D	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

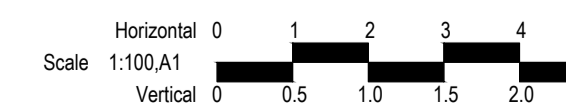
LEGEND:

- DESIGN CL SURFACE LEVEL
- EXISTING SURFACE
- ROAD BOXING
- SELECT COMPACTED FILL UNDER FOOTPATHS IN FILL ZONES

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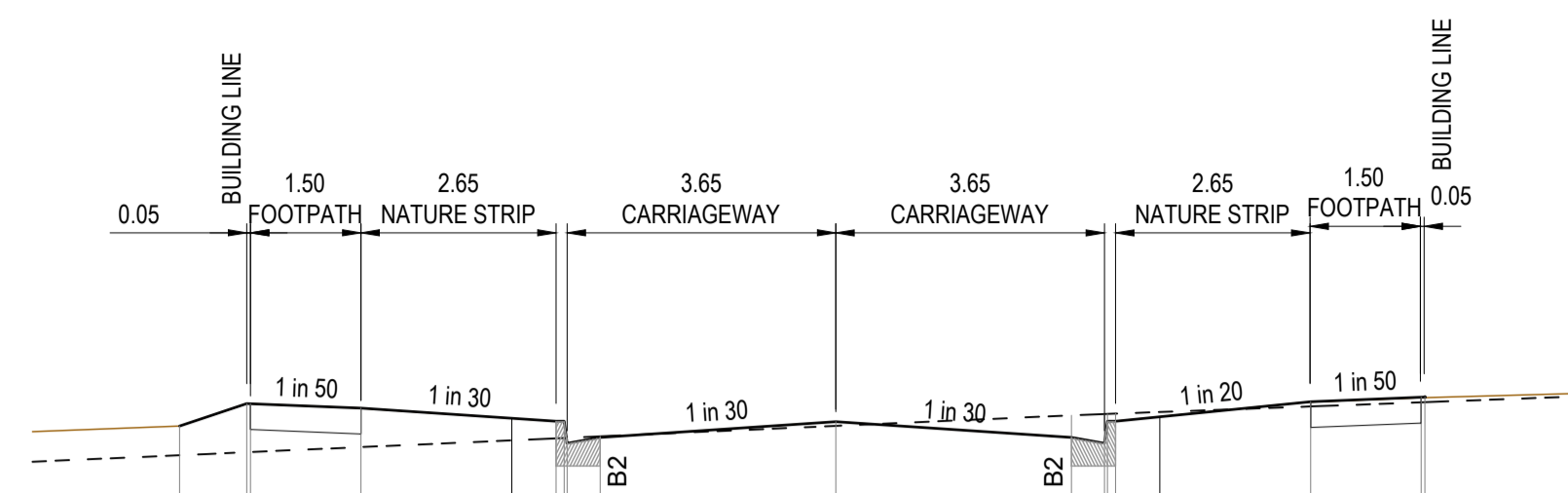
PM	A. CHUDLEIGH
DESIGNED	19.08.2021
T. BARBOUR	
CHECKED	20.08.2021
S. FALKENSTEIN	
AUTHORISED	20.08.2021
A. CHUDLEIGH	
MELBAYS	343 F7
STATUS	PSS04921P

ELLERTON
 STAGE 2
 CITY OF MELTON
 ROAD CROSS SECTIONS - 1

CONSTRUCTION

136402RD07

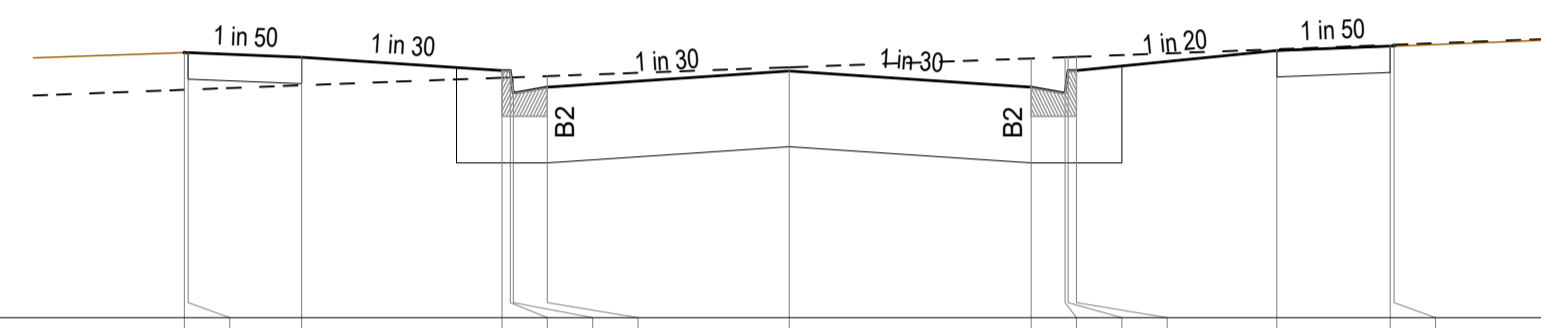
SHEET No. 7 OF 17
 REV. 1



DATUM 116.50

DESIGN SURFACE	118.20	118.35	118.35	118.32	118.23	118.23	118.12	118.12	118.23	118.23	118.12	118.12	118.23	118.37	118.40	118.40
EXISTING SURFACE	118.00	118.02	118.02	118.06	118.12	118.12	118.08	118.12	118.08	118.12	118.08	118.12	118.23	118.33	118.36	118.40
OFFSET	-8.91	-8.00	-7.95	-6.45	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	3.80	6.45	7.95	8.00

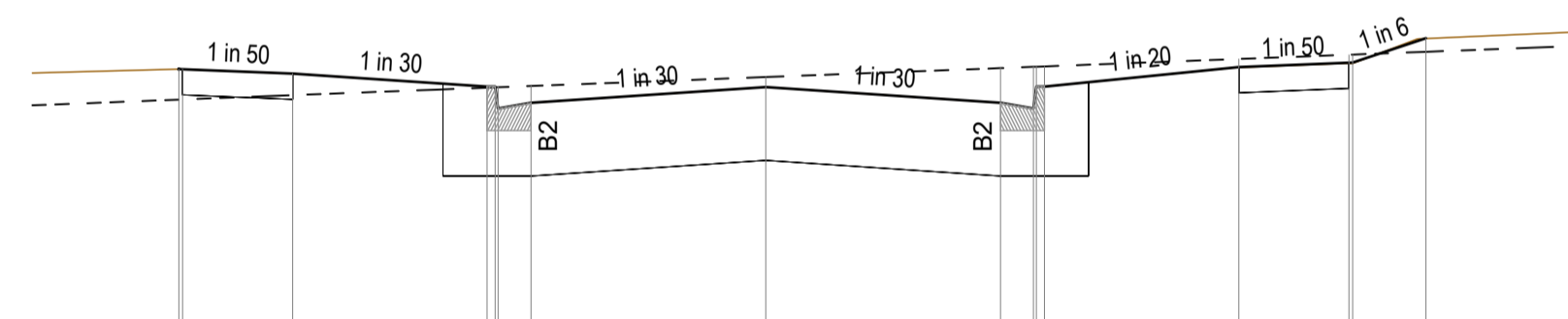
MISTLETOE DRIVE CH. 83.98



DATUM 116.50

DESIGN SURFACE	118.25	118.25	118.22	118.13	118.13	118.13	118.02	118.13	118.02	118.13	118.27	118.30	118.30
EXISTING SURFACE	118.01	118.01	118.04	118.09	118.13	118.13	117.98	118.13	118.02	118.13	118.28	118.30	118.30
OFFSET	-8.00	-7.95	-6.45	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	6.45	8.00

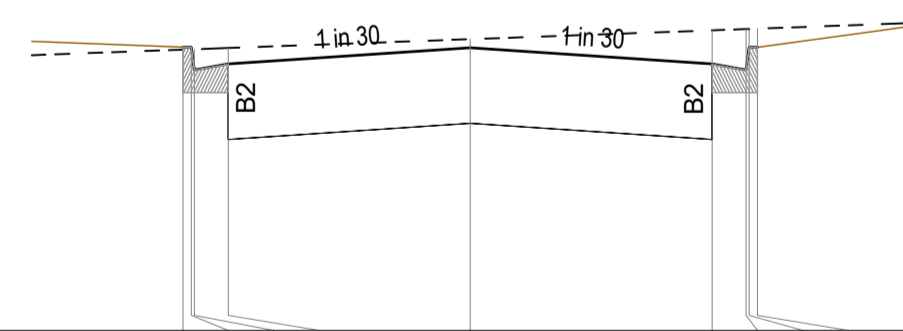
MISTLETOE DRIVE CH. 63.90



DATUM 116.00

DESIGN SURFACE	118.13	118.13	118.10	118.01	118.01	118.01	117.86	117.90	118.01	118.15	118.15	118.15	118.18	118.18	118.34
EXISTING SURFACE	117.92	117.93	117.95	118.01	118.01	118.01	117.86	117.90	118.01	118.14	118.15	118.15	118.18	118.18	118.25
OFFSET	-8.00	-7.95	-6.45	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65	3.69	6.45	7.95	8.00	9.00

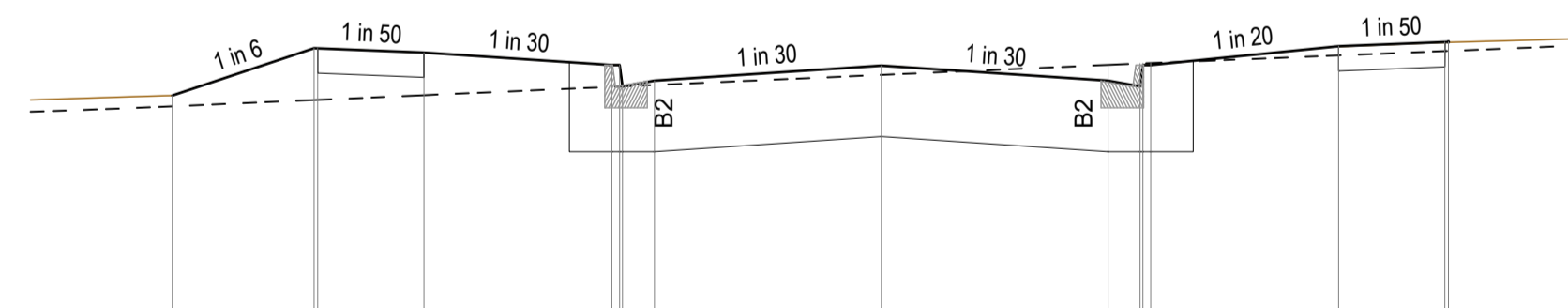
MISTLETOE DRIVE CH. 39.66



DATUM 116.00

DESIGN SURFACE	117.87	117.87	117.76	117.87	117.87
EXISTING SURFACE	117.86	117.86	117.72	117.87	117.87
OFFSET	-3.80	-3.69	-3.65	-3.20	0.00

MISTLETOE DRIVE CH. 11.65



DATUM 116.50

DESIGN SURFACE	118.13	118.46	118.46	118.43	118.34	118.34	118.23	118.34	118.47	118.50	118.50
EXISTING SURFACE	118.05	118.09	118.09	118.13	118.19	118.19	118.23	118.34	118.41	118.44	118.44
OFFSET	-10.00	-8.00	-7.95	-6.45	-3.80	-3.69	-3.65	-3.20	0.00	3.20	3.65

MISTLETOE DRIVE CH. 104.98

REV.	AMENDMENTS	APP'D	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

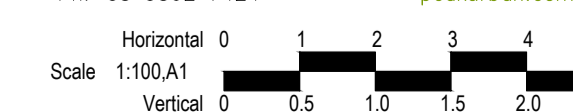
LEGEND:

- DESIGN CL SURFACE LEVEL
- EXISTING SURFACE
- ROAD BOXING
- SELECT COMPACTED FILL UNDER FOOTPATHS IN FILL ZONES

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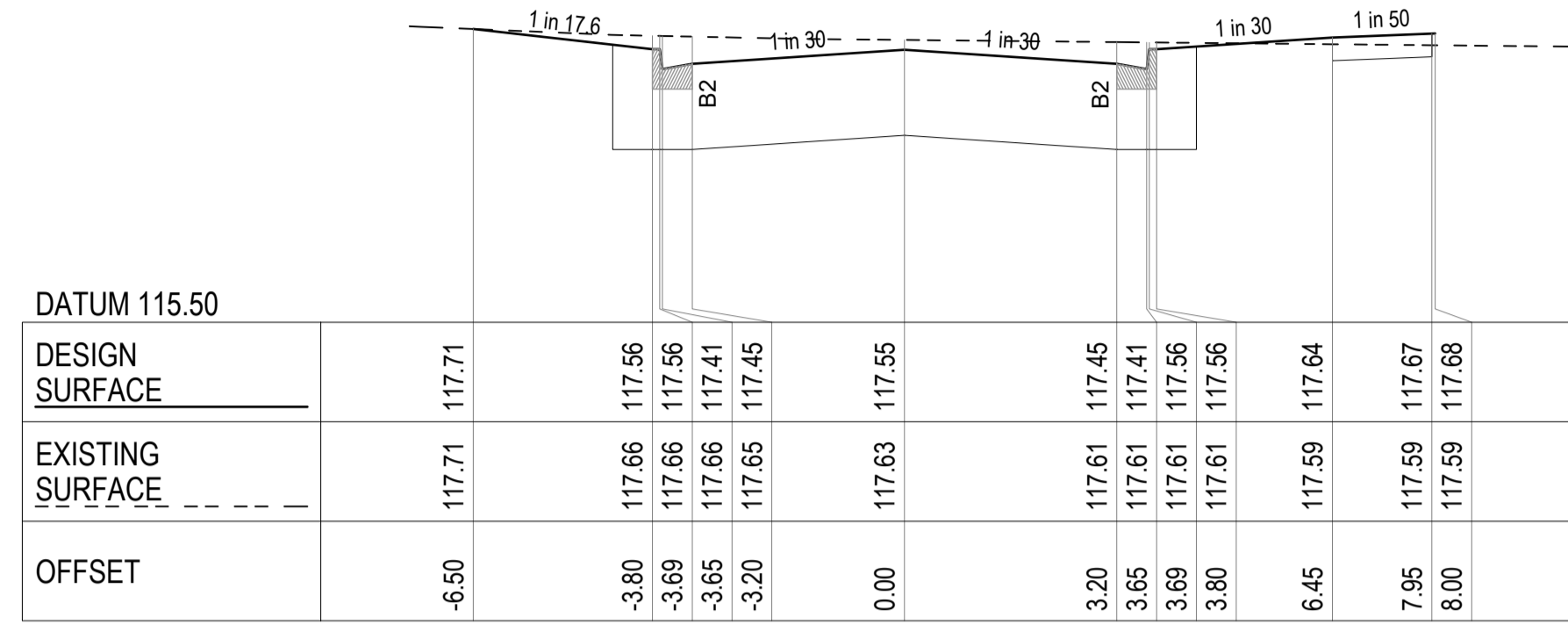
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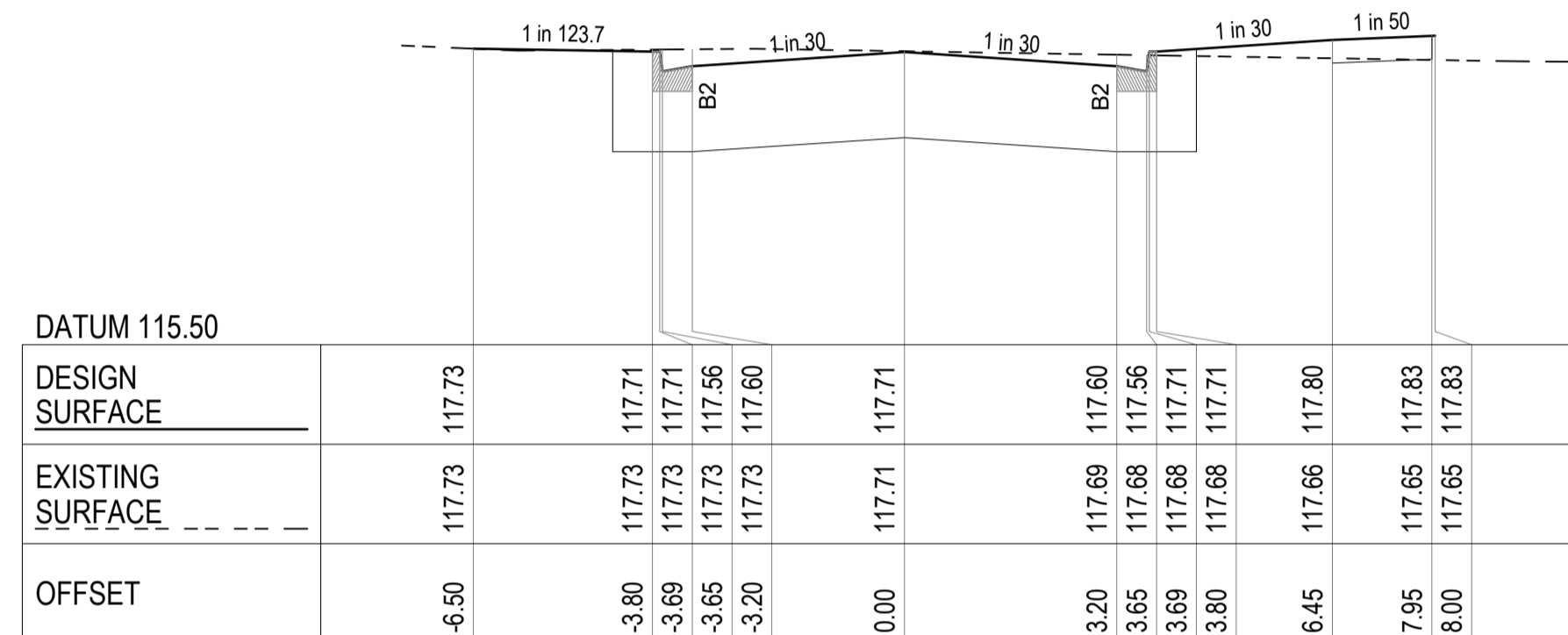
PM	A. CHUDLEIGH
DESIGNED	19.08.2021
T. BARBOUR	
CHECKED	20.08.2021
S. FALKENSTEIN	
AUTHORISED	20.08.2021
A. CHUDLEIGH	
MELWAYS	343 F7
STATUS	PSS04921P

ELLERTON
 STAGE 2
 CITY OF MELTON
 ROAD CROSS SECTIONS - 2

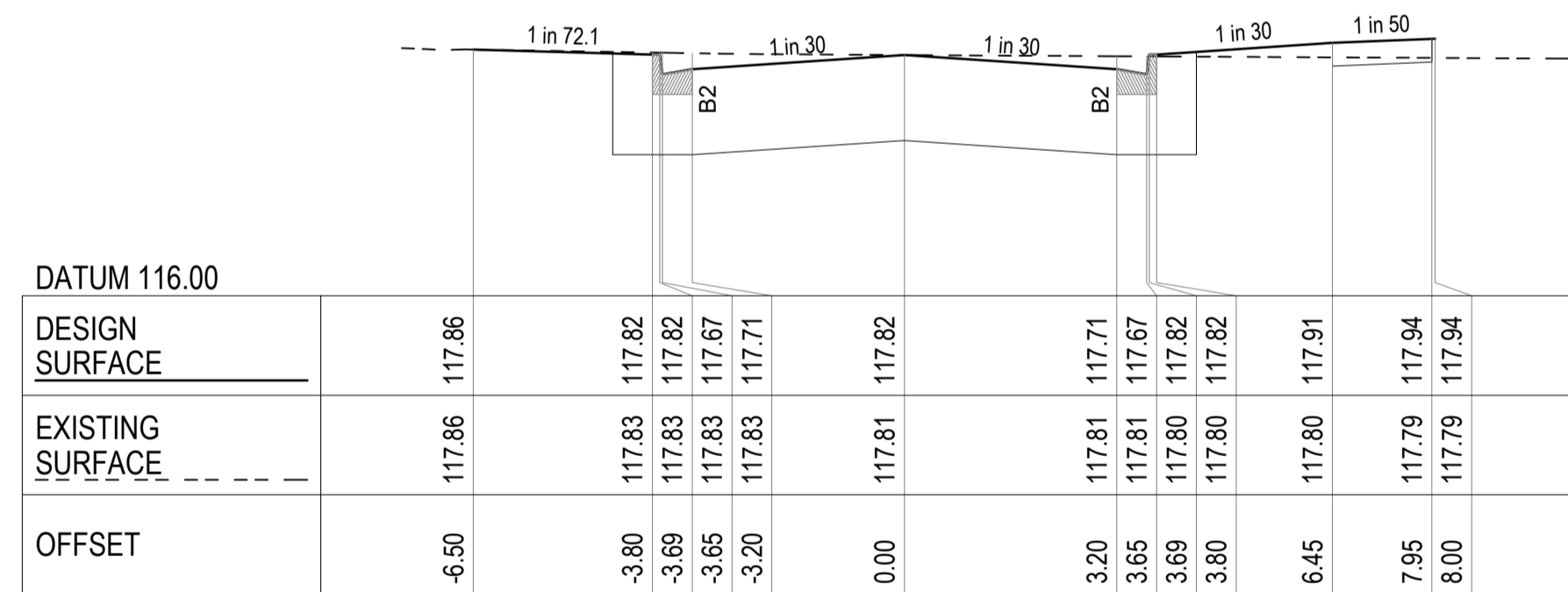
CONSTRUCTION	136402RD08	SHEET No. 8 OF 17	REV. 1
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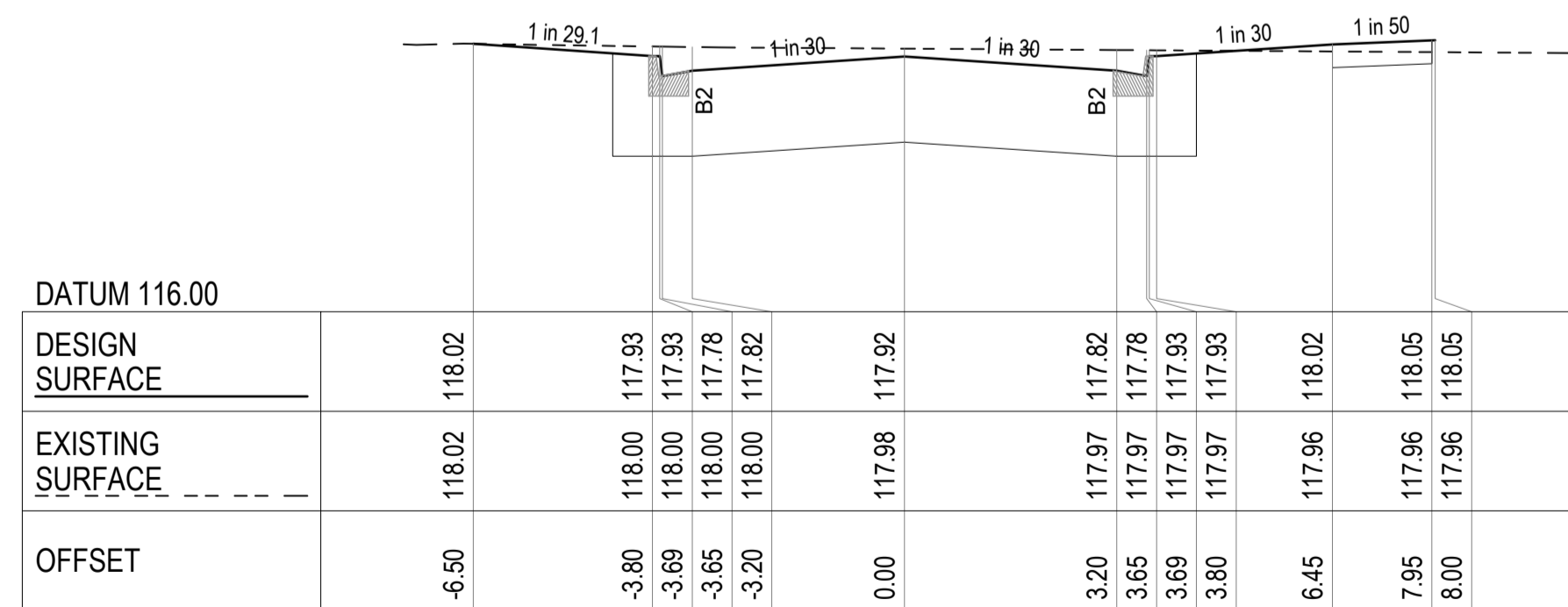
SICKLEFERN DRIVE CH. 82.00



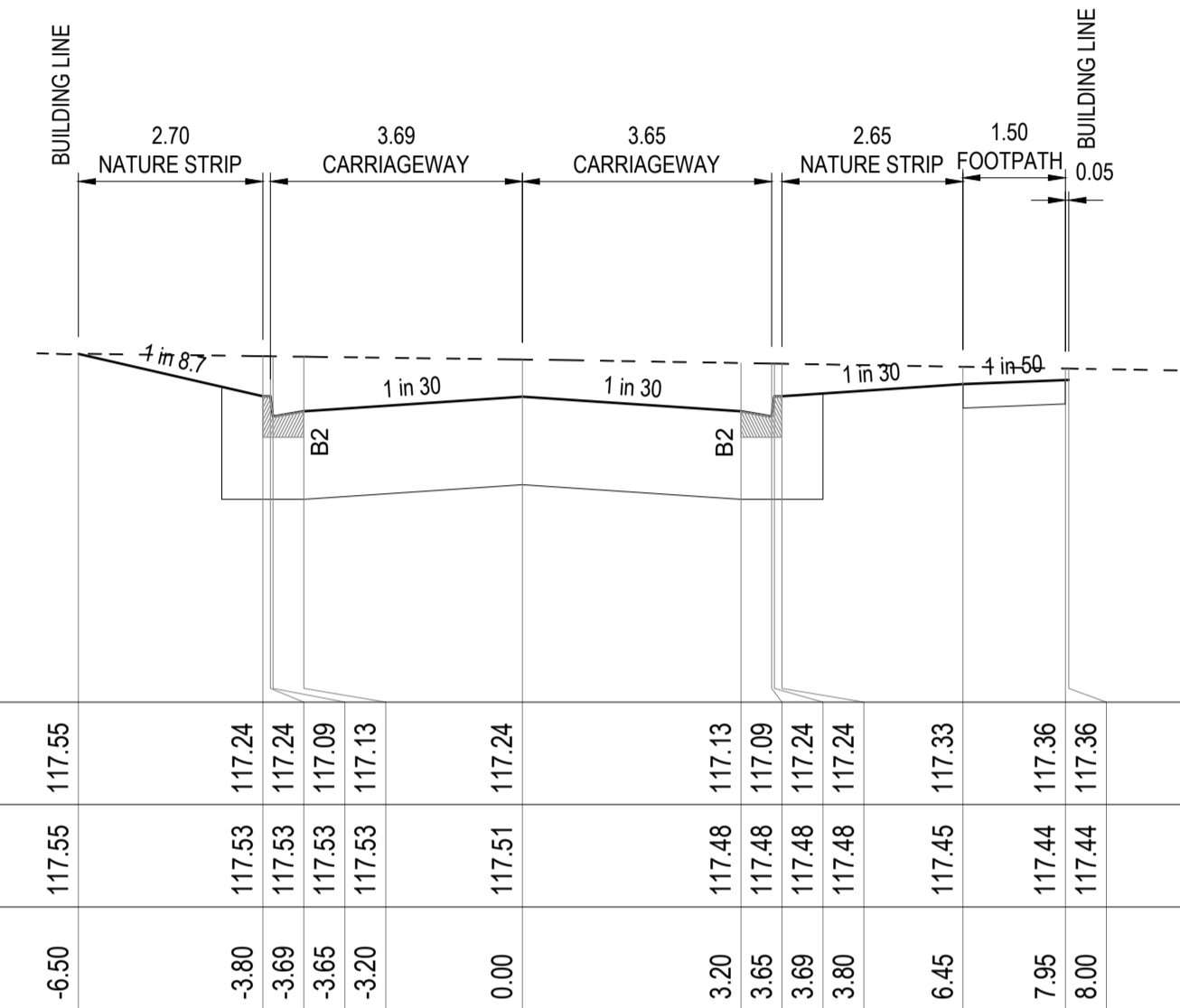
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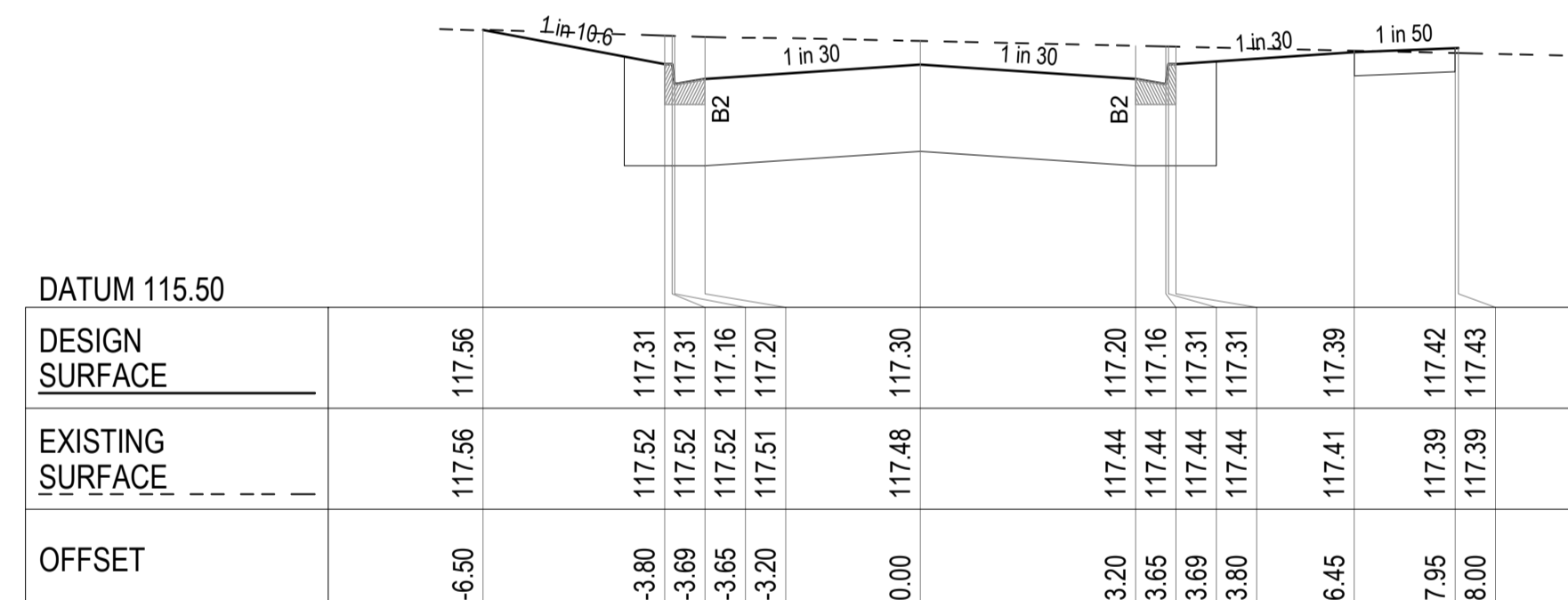
SICKLEFERN DRIVE CH. 48.50



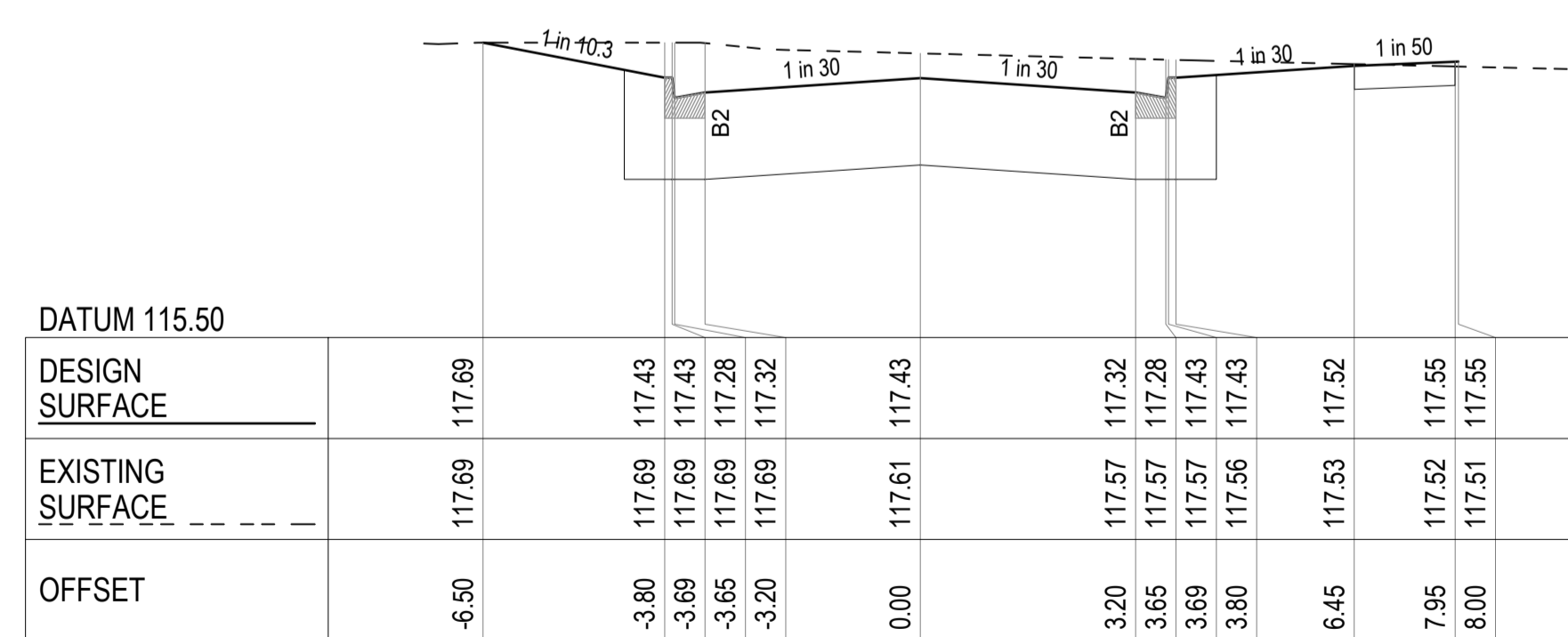
SICKLEFERN DRIVE CH. 36.00



SICKLEFERN DRIVE CH. 145.43



SICKLEFERN DRIVE CH. 132.00



SICKLEFERN DRIVE CH. 107.00

REV.	AMENDMENTS	APP'D	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
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B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

LEGEND:

- DESIGN CL SURFACE LEVEL
- EXISTING SURFACE
- ROAD BOXING
- SELECT COMPACTED FILL UNDER FOOTPATHS IN FILL ZONES

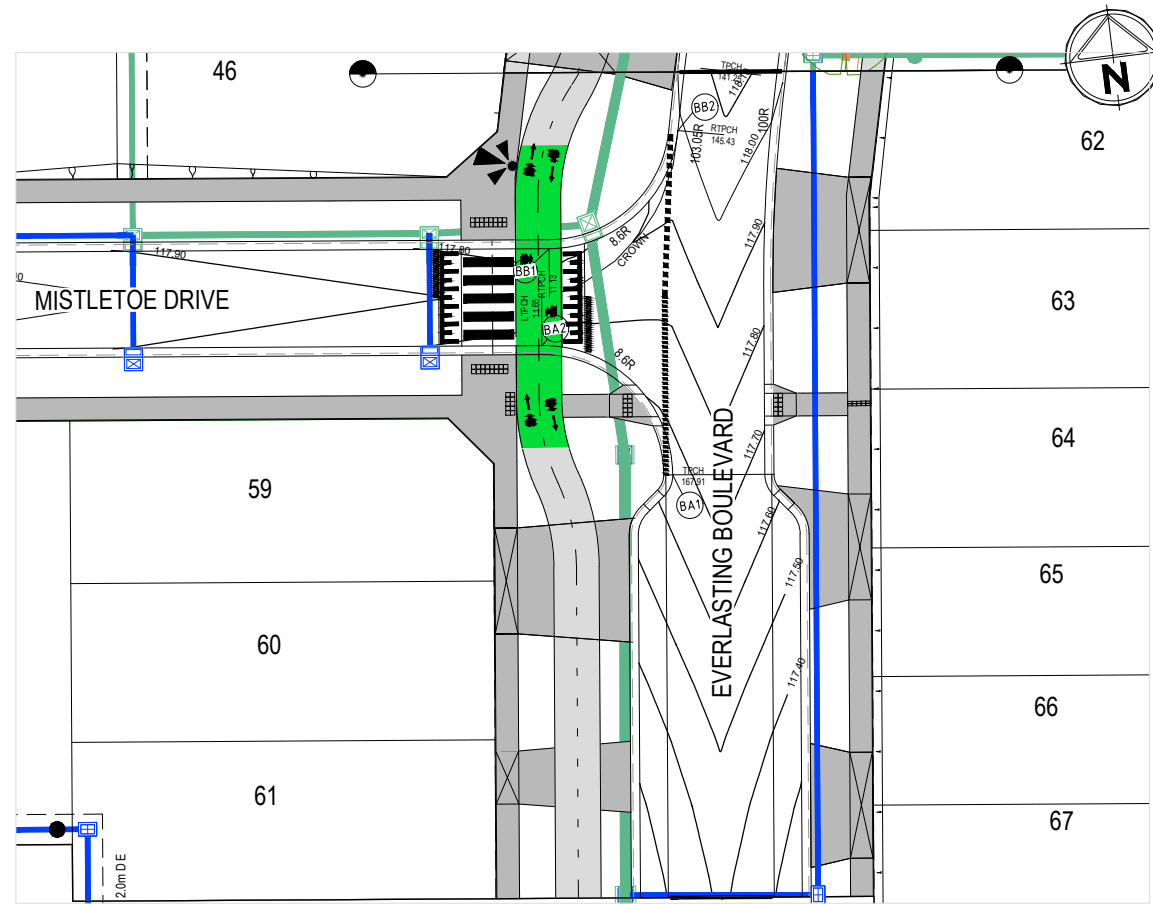
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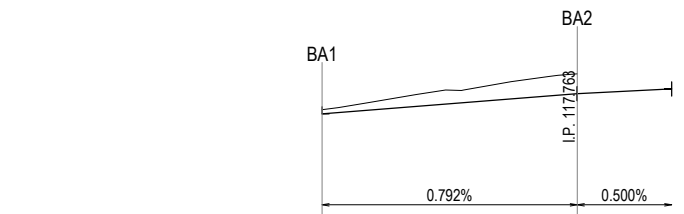
Ph: 03 9562 7424
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 Vertical 0 0.5 1.0 1.5 2.0 2.5

PM	A. CHUDLEIGH
DESIGNED	19.08.2021
T. BARBOUR	
CHECKED	20.08.2021
S. FALKENSTEIN	
AUTHORISED	20.08.2021
A. CHUDLEIGH	
MELBAYS	343 F7
POS No.	PSS04921P
STATUS:	

ELLERTON
 STAGE 2
 CITY OF MELTON
 ROAD CROSS SECTIONS - 3

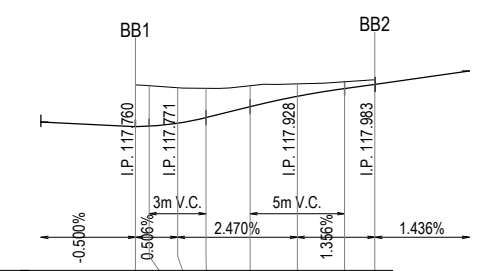


INTERSECTION DETAIL
MISTLETOE DRIVE & EVERLASTING BOULEVARD
SCALE 1:250



DATUM 117	
DESIGN CL SURFACE LEVEL	117.656
EXISTING SURFACE LEVEL	117.678
CHAINAGE (m)	0.000
	13.509

KERB BA SCALE 1:250 H SCALE 1:25 V



DATUM 117	
DESIGN CL SURFACE LEVEL	117.760
EXISTING SURFACE LEVEL	117.981
CHAINAGE (m)	0.000
	0.733
	2.233
	3.733
	6.069
	8.569
	11.069
	12.670

KERB BB SCALE 1:250 H SCALE 1:25 V

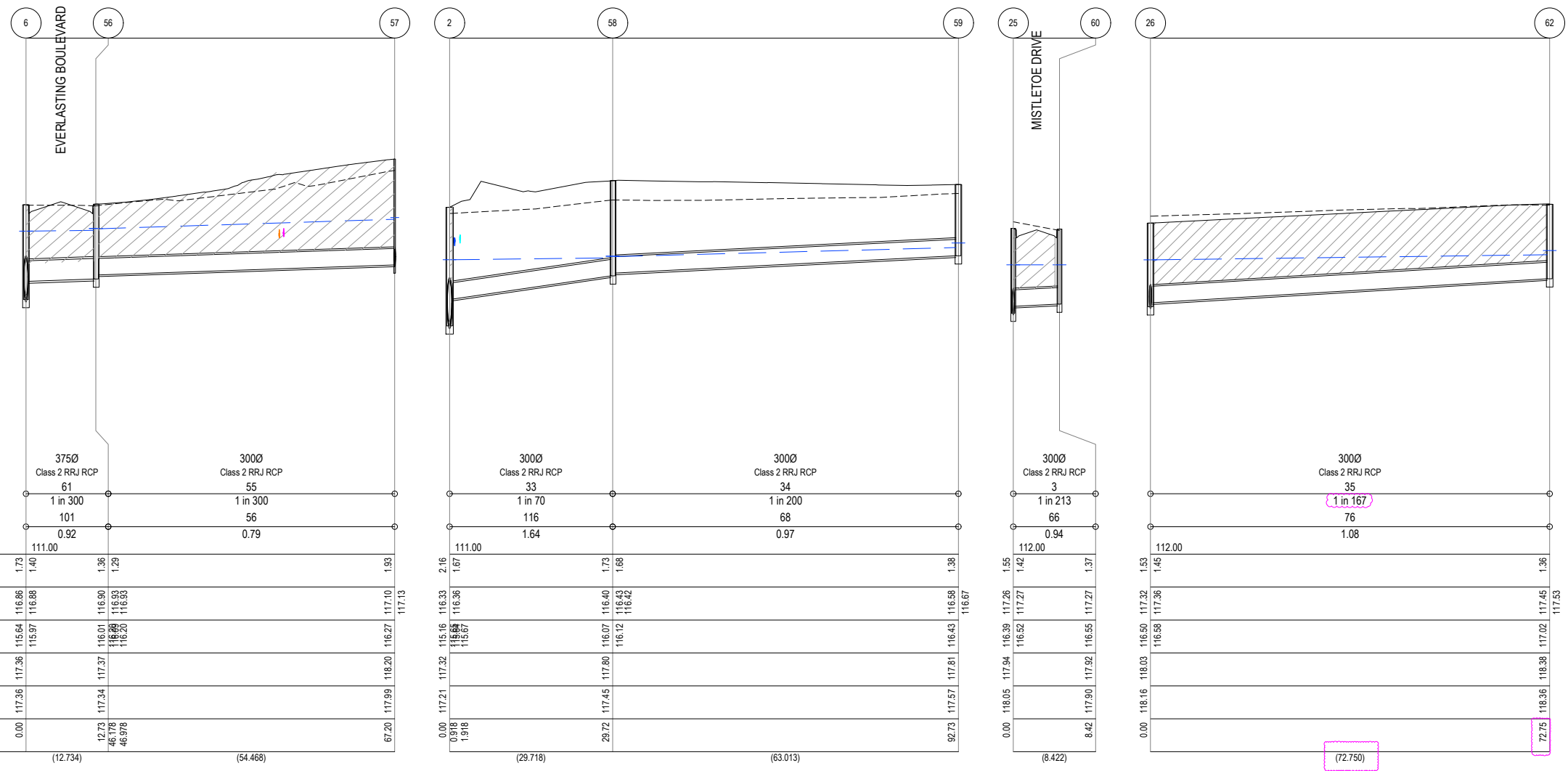
REV.	AMENDMENTS	APPD	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

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Ph: 03 9562 7424
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PM	A. CHUDLEIGH
DESIGNED	19.08.2021
CHECKED	T. BARBOUR
AUTHORISED	S. FALKENSTEIN
MELBURN	A. CHUDLEIGH
STATUS	PSS04921P

ELLERTON
STAGE 2
CITY OF MELTON
INTERSECTION DETAILS - 1



REV.	AMENDMENTS	APPD	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

LEGEND:
 CRUSHED ROCK BACKFILL

PEAKURBAN
 Achieve more.
 Ph: 03 9562 7424
 Horizontal 0 5 10 15 20 25
 Scale 1:500, A1
 Vertical 0 0.5 1.0 1.5 2.0 2.5

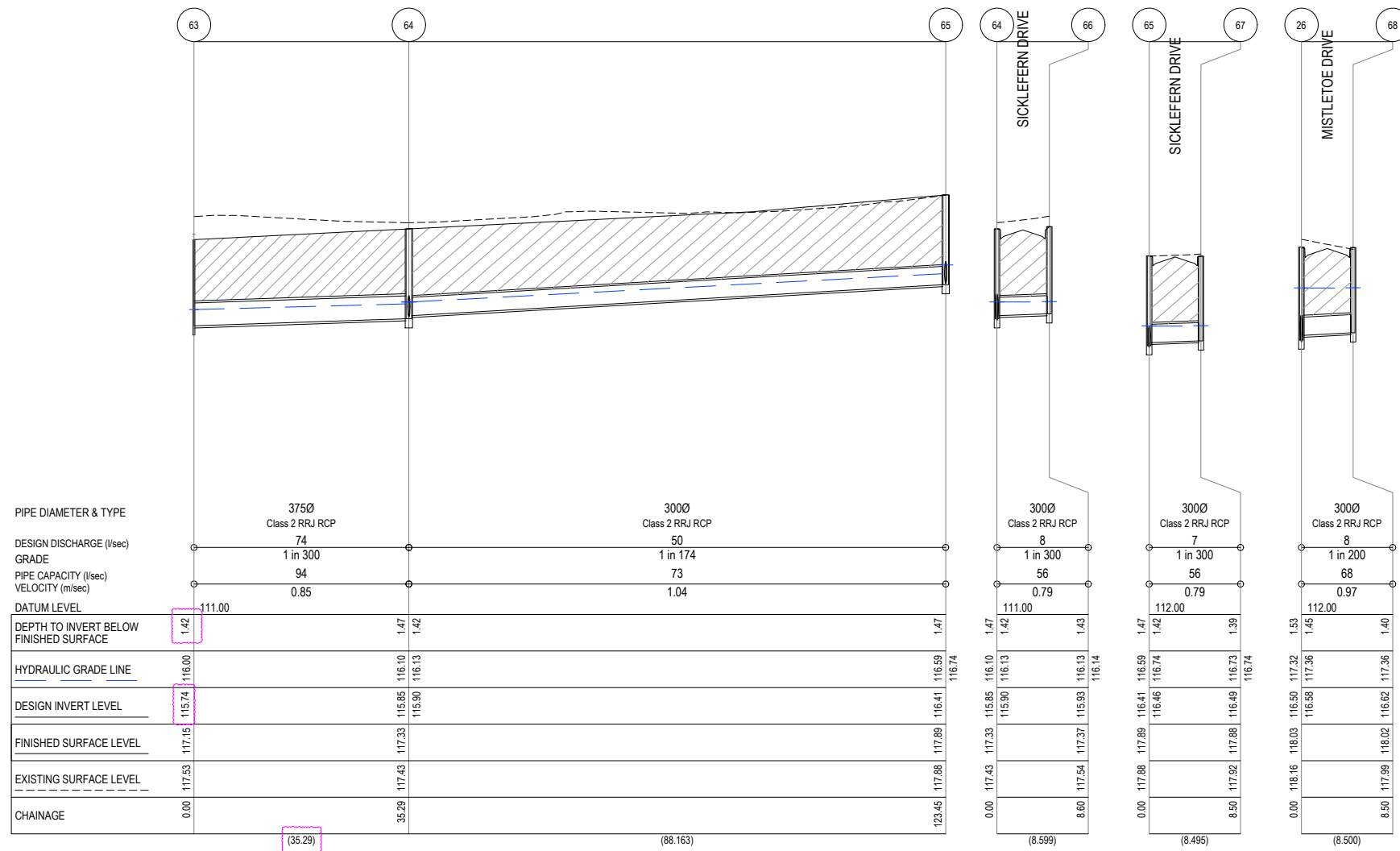
PM	A. CHUDLEIGH
DESIGNED	19.08.2021
CHECKED	T. BARBOUR
AUTHORISED	S. FALKENSTEIN
MELBAYS	A. CHUDLEIGH
FOG No.	343 F7
STATUS	PSS04921P

ELLERTON
 STAGE 2
 CITY OF MELTON
 DRAINAGE LONGITUDINAL SECTIONS - 1

CONSTRUCTION 136402RD11

SHEET No. 11 OF 17
 REV. 1

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REV.	AMENDMENTS	APPD	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

LEGEND:
 CRUSHED ROCK BACKFILL

PEAKURBAN
 Achieve more.
 Ph: 03 9562 7424
 Scale: 1:500, A1
 Horizontal: 0 5 10 15 20 25
 Vertical: 0 0.5 1.0 1.5 2.0 2.5

PM	A. CHUDLEIGH
DESIGNED	19.08.2021
CHECKED	T. BARBOUR
AUTHORISED	S. FALKENSTEIN
MELBURN	A. CHUDLEIGH
FOG No.	343 F7
STATUS	PSS04921P

ELLERTON
 STAGE 2
 CITY OF MELTON
 DRAINAGE LONGITUDINAL SECTIONS - 2

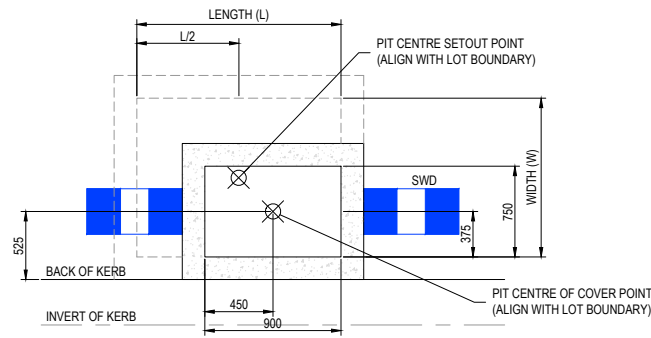
CONSTRUCTION 136402RD12

REV. 1

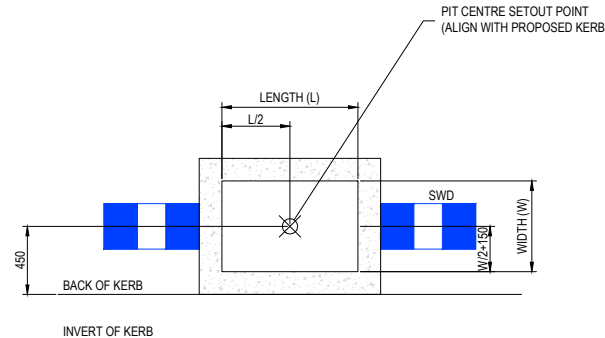
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DRAINAGE PIT SCHEDULE

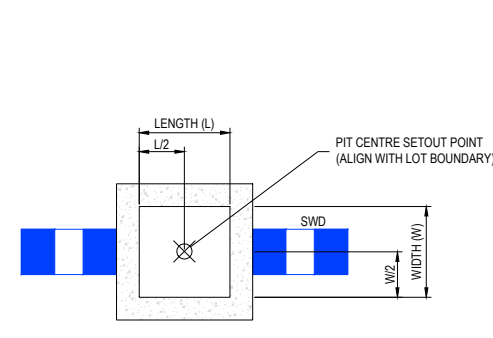
No.	PIT TYPE	SET OUT CO-ORDINATES		INTERNAL DIMENSIONS		INLET		OUTLET		PIT		REMARKS
		EASTING	NORTHING	WIDTH	LENGTH	DIA	INV LEVEL	DIA	INV LEVEL	FS LEVEL	DEPTH	
2	JUNCTION PIT	288600.679	5822220.234	1.05	0.9	750	115.233	825	115.158	117.319	2.160	CONNECT TO EX. STUB
6	JUNCTION PIT	288638.945	5822241.073	0.9	0.9	675	115.714	750	115.639	117.365	1.725	CONNECT TO EX. STUB
25	GRADED SIDE ENTRY PIT (B KERB)	288631.393	5822286.087	0.6	0.9	375	116.440	375	116.390	117.936	1.546	CONNECT TO EX. STUB
26	GRADED SIDE ENTRY PIT (B KERB)	288611.912	5822288.359	0.6	0.9	300	116.580	375	116.505	118.030	1.525	CONNECT TO EX. STUB
56	JUNCTION PIT	288651.587	5822239.539	0.6	0.9	300	116.086	375	116.011	117.374	1.362	EDCM 605
57	END PIPE	288657.898	5822293.641					300	116.268	118.197	1.929	CONNECT TO EX. STUB
58	JUNCTION PIT	288604.163	5822249.747	0.6	0.9	300	116.120	300	116.070	117.804	1.734	EDCM 605
59	JUNCTION PIT	288541.574	5822257.049	0.6	0.9			300	116.435	117.810	1.375	EDCM 605
60	GRADED SIDE ENTRY PIT (B KERB)	288630.408	5822277.723	0.6	0.9			300	116.555	117.922	1.368	EDCM 601
62	JUNCTION PIT	288539.648	5822296.789	0.6	0.9			300	117.017	118.375	1.359	EDCM 605
63	END PIPE	288701.076	5822157.675			375	115.740		115.150	1.420	OUTFALL TO SWALE	
64	GRADED SIDE ENTRY PIT (B KERB)	288705.163	5822192.728	0.6	0.9	300	115.904	375	115.854	117.328	1.474	EDCM 601
65	GRADED SIDE ENTRY PIT (B KERB)	288715.372	5822280.297	0.6	0.9			300	116.412	117.885	1.473	EDCM 601
66	GRADED SIDE ENTRY PIT (B KERB)	288713.708	5822191.775	0.6	0.9			300	115.933	117.365	1.432	EDCM 601
67	GRADED SIDE ENTRY PIT (B KERB)	288723.814	5822279.350	0.6	0.9			300	116.490	117.891	1.391	EDCM 601
68	GRADED SIDE ENTRY PIT (B KERB)	288610.927	5822279.917	0.6	0.9			300	116.622	118.023	1.400	EDCM 601



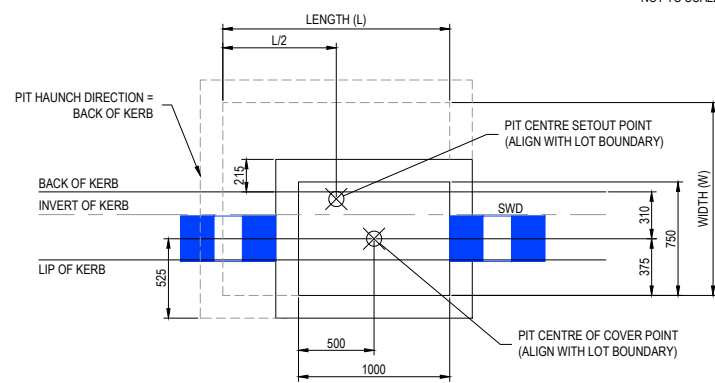
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HAUNCHED GRADED SIDE ENTRY PIT
 REFER TO EDCM 601, 603 & 607
 NOT TO SCALE



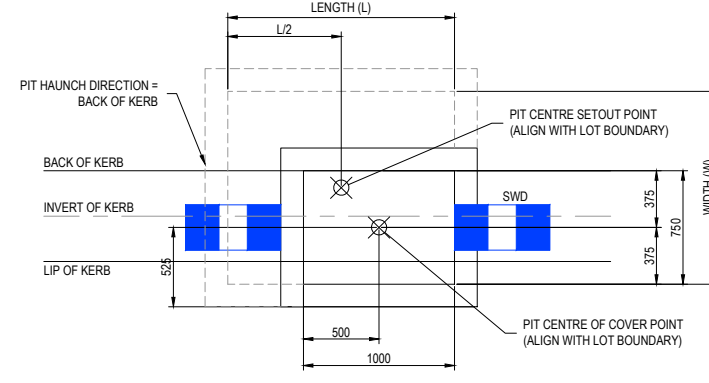
TYPICAL DRAINGE PIT SETOUT DETAIL
GRADED SIDE ENTRY PIT
 REFER TO EDCM 601 & 603
 NOT TO SCALE



TYPICAL DRAINGE PIT SETOUT DETAIL
JUNCTION PIT/ EASEMENT PIT
 REFER TO EDCM 605
 NOT TO SCALE



TYPICAL DRAINGE PIT SETOUT DETAIL
HAUNCHED GRADED SIDE ENTRY PIT - B2 KERB
 REFER TO VICROADS SD 1322E & SD 1021C
 NOT TO SCALE



TYPICAL DRAINGE PIT SETOUT DETAIL
HAUNCHED GRADED SIDE ENTRY PIT - SM2 KERB
 REFER TO VICROADS SD 1321E & SD 1021C
 NOT TO SCALE

LEGEND:

CRUSHED ROCK BACKFILL

REV.	AMENDMENTS	APPD	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

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Ph: 03 9562 7424

Scale NOT TO SCALE

PM	A. CHUDLEIGH
DESIGNED	19.08.2021
T. BARBOUR	
CHECKED	20.08.2021
S. FALKENSTEIN	
AUTHORISED	20.08.2021
A. CHUDLEIGH	
MELBANS	343 F7
POS No.	PSS04921P
STATUS:	

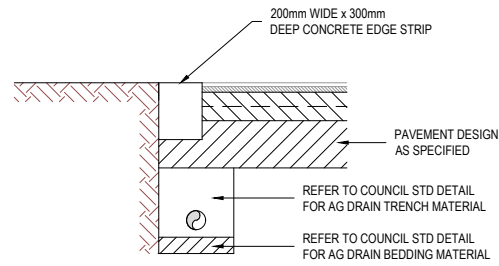
CONSTRUCTION

136402RD13

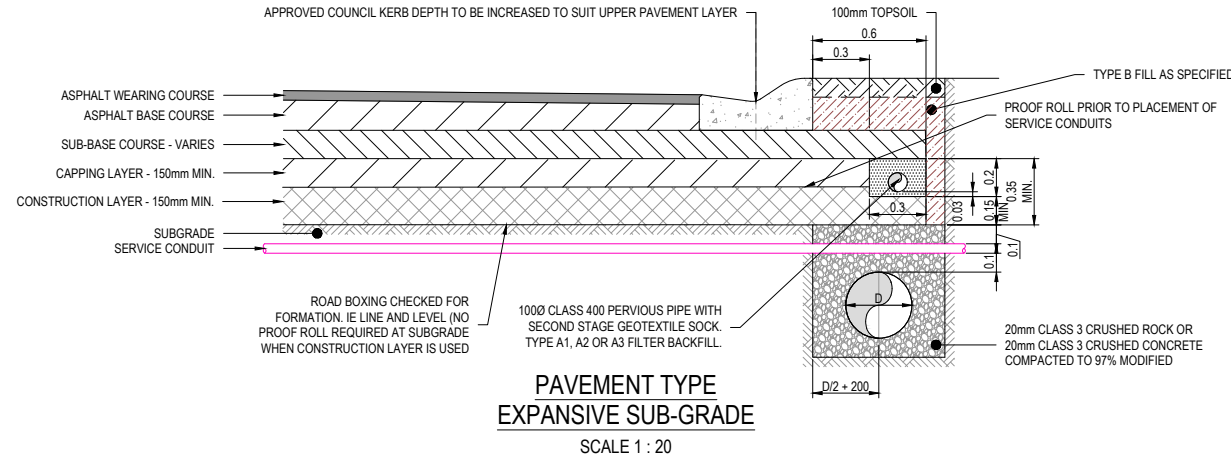
SHEET No. 13 OF 17

REV. 1

ELLERTON
 STAGE 2
 CITY OF MELTON
 DRAINAGE PIT SCHEDULE AND DETAILS



LIMIT OF WORKS, CONCRETE EDGE STRIP & PAVEMENT DETAIL
(SCALE: 1:20)



PAVEMENT TYPE EXPANSIVE SUB-GRADE
SCALE 1 : 20

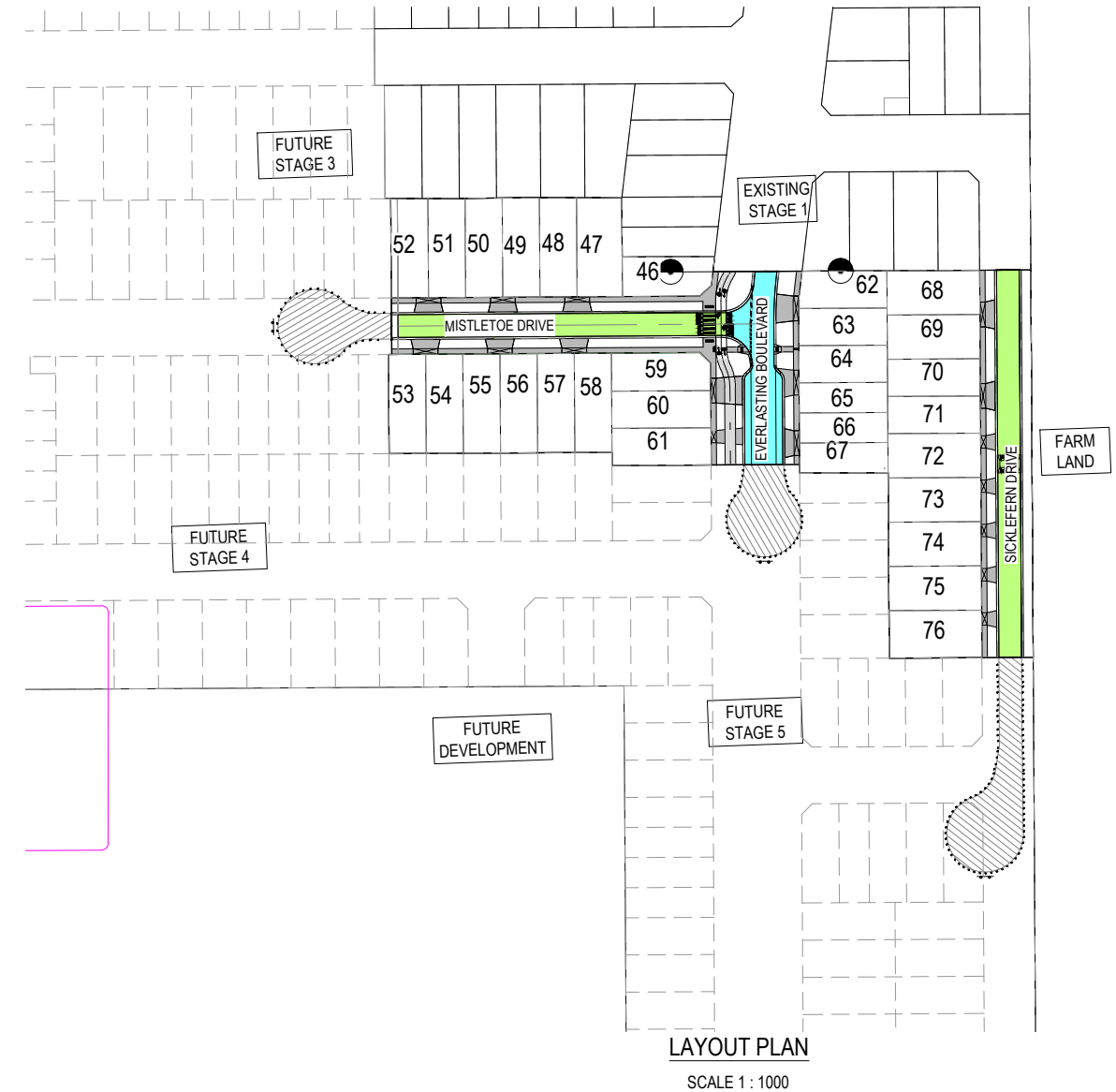
ROAD NAME	TYPE
EVERLASTING BOULEVARD	TYPE 1
MISTLETOE DRIVE	TYPE 2
SICKLEFERN DRIVE	TYPE 2

PAVEMENT NOTES:

- REFER TO REPORT GE8810.1-21 BY GEOTESTA PTY LTD. FOR GEOTECHNICAL INFORMATION AND ADVICE.
- CONDUITS FOR GAS, WATER, ELECTRICITY AND TELECOM SERVICES TO BE LOCATED CLEAR OF PAVEMENT AND THE SUBSURFACE DRAIN.
- FOR FURTHER DETAILS REFER TO EDMC 202a

PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)
		TYPE 1
ASPHALT WEARING COURSE	SIZE 14mm TYPE H, CLASS 320	40
BASE COURSE	SIZE 14mm TYPE HP, CLASS A10E BINDER	40
SAMI	SIZE 10mm TYPE S18R	10
BITUMINOUS PRIME	PRIME	NOMINAL
BASE COURSE	SIZE 20mm CLASS 2, CRUSHED RCK, COMPACTED TO 100% CHARACTERISTIC MODIFIED COMPACTION	110
UPPER PAVEMENT TOTAL		200
UPPER SUBBASE	SIZE 20mm CLASS 3, FCR, COMPACTED TO A MEAN DENSITY RATIO OF 98% CHARACTERISTIC MODIFIED COMPACTION	230
LOWER PAVEMENT TOTAL		230
CAPPING LAYER	TYPE A FILL OR EQUIVILANT AS PER VICROADS/COUNCIL REQUIREMENTS, CBR > 8%, SWELL < 1.5%, PERMEABILITY $K \leq 5 \times 10^{-9}$ m/s COMPACTED TO A MINIMUM MEAN DENSITY RATIO OF 100% STANDARD MAXIMUM DRY DENSITY AS1289, 5.1.1 COMPACTED AT MOISTURE CONTENTS OF $\pm 2.0\%$ OF STANDARD OPTIMUM MOISTURE CONTENT	150
CONSTRUCTION LAYER	TYPE A FILL OR EQUIVILANT AS PER VICROADS/COUNCIL REQUIREMENTS, CBR > 8%, SWELL < 1.5%, COMPACTED TO A MINIMUM MEAN DENSITY RATIO OF 100% STANDARD MAXIMUM DRY DENSITY AS1289, 5.1.1 COMPACTED AT MOISTURE CONTENTS OF $\pm 2.0\%$ OF STANDARD OPTIMUM MOISTURE CONTENT	150
SUBGRADE	MATERIAL AS FOUND(SILTY CLAY) WITH A DESIGN SUBGRADE CBR OF 3%. EXPOSED SUBGRADE TO BE SCARIFIED TO 200mm DEPTH AND PREPARED IN ACCORDANCE WITH SECTION 5.1	-
TOTAL PAVEMENT DEPTH		730

PAVEMENT LAYER	DESCRIPTION	DEPTH (mm)
		TYPE 2
ASPHALT WEARING COURSE	SIZE 14mm TYPE N, CLASS C2320 BINDER	40
ASPHALT BASE COURSE	SIZE 14mm TYPE HP, CLASS A10E BINDER	40
SAMI	SIZE 10 S18R	10
BITUMINOUS PRIME	PRIME	NOMINAL
BASE	SIZE 20mm, CLASS 2 CRUSHED ROCK, COMPACTED TO 100% CHARACTERISTIC MODIFIED COMPACTION	110
UPPER PAVEMENT TOTAL		200
UPPER SUBBASE	SIZE 20mm CLASS 3, FCR, COMPACTED TO A MEAN DENSITY RATIO OF 98% CHARACTERISTIC MODIFIED COMPACTION	190
LOWER PAVEMENT TOTAL		190
CAPPING LAYER	TYPE A FILL OR EQUIVILANT AS PER VICROADS/COUNCIL REQUIREMENTS, CBR > 8%, SWELL < 1.5%, PERMEABILITY $K \leq 5 \times 10^{-9}$ m/s COMPACTED TO A MINIMUM MEAN DENSITY RATIO OF 100% STANDARD MAXIMUM DRY DENSITY AS1289, 5.1.1 COMPACTED AT MOISTURE CONTENTS OF $\pm 2.0\%$ OF STANDARD OPTIMUM MOISTURE CONTENT	150
CONSTRUCTION LAYER	TYPE A FILL OR EQUIVILANT AS PER VICROADS/COUNCIL REQUIREMENTS, CBR > 8%, SWELL < 1.5%, COMPACTED TO A MINIMUM MEAN DENSITY RATIO OF 100% STANDARD MAXIMUM DRY DENSITY AS1289, 5.1.1 COMPACTED AT MOISTURE CONTENTS OF $\pm 2.0\%$ OF STANDARD OPTIMUM MOISTURE CONTENT	150
SUBGRADE	MATERIAL AS FOUND(SILTY CLAY) WITH A DESIGN SUBGRADE CBR OF 3%. EXPOSED SUBGRADE TO BE SCARIFIED TO 200mm DEPTH AND PREPARED IN ACCORDANCE WITH SECTION 5.1	-
TOTAL PAVEMENT DEPTH		690



LAYOUT PLAN
SCALE 1 : 1000

REV.	AMENDMENTS	APPD	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

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Ph: 03 9562 7424

AS SHOWN

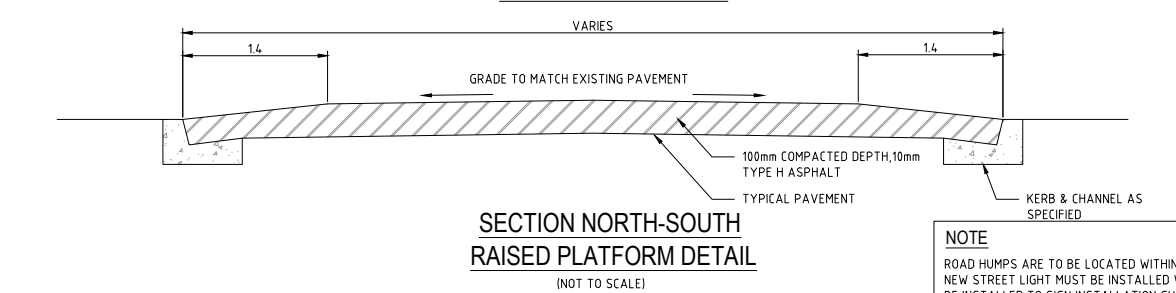
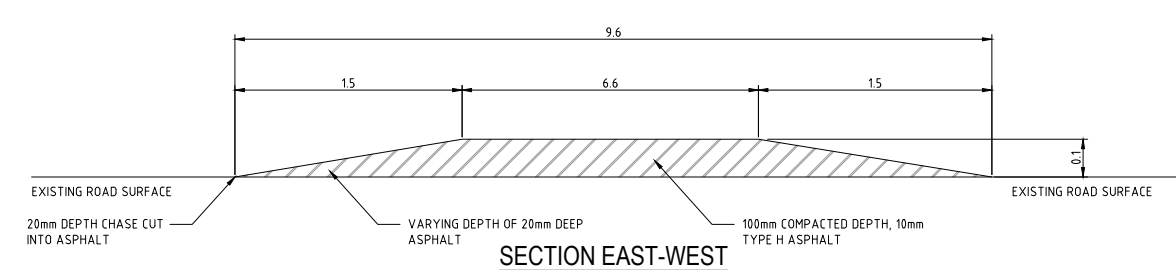
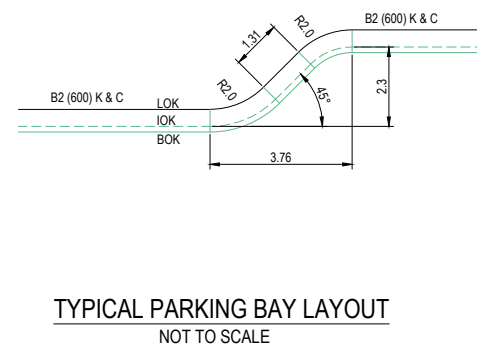
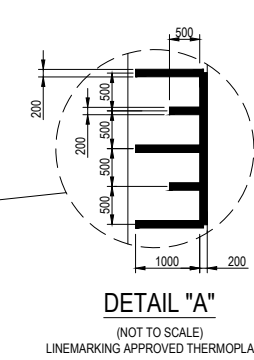
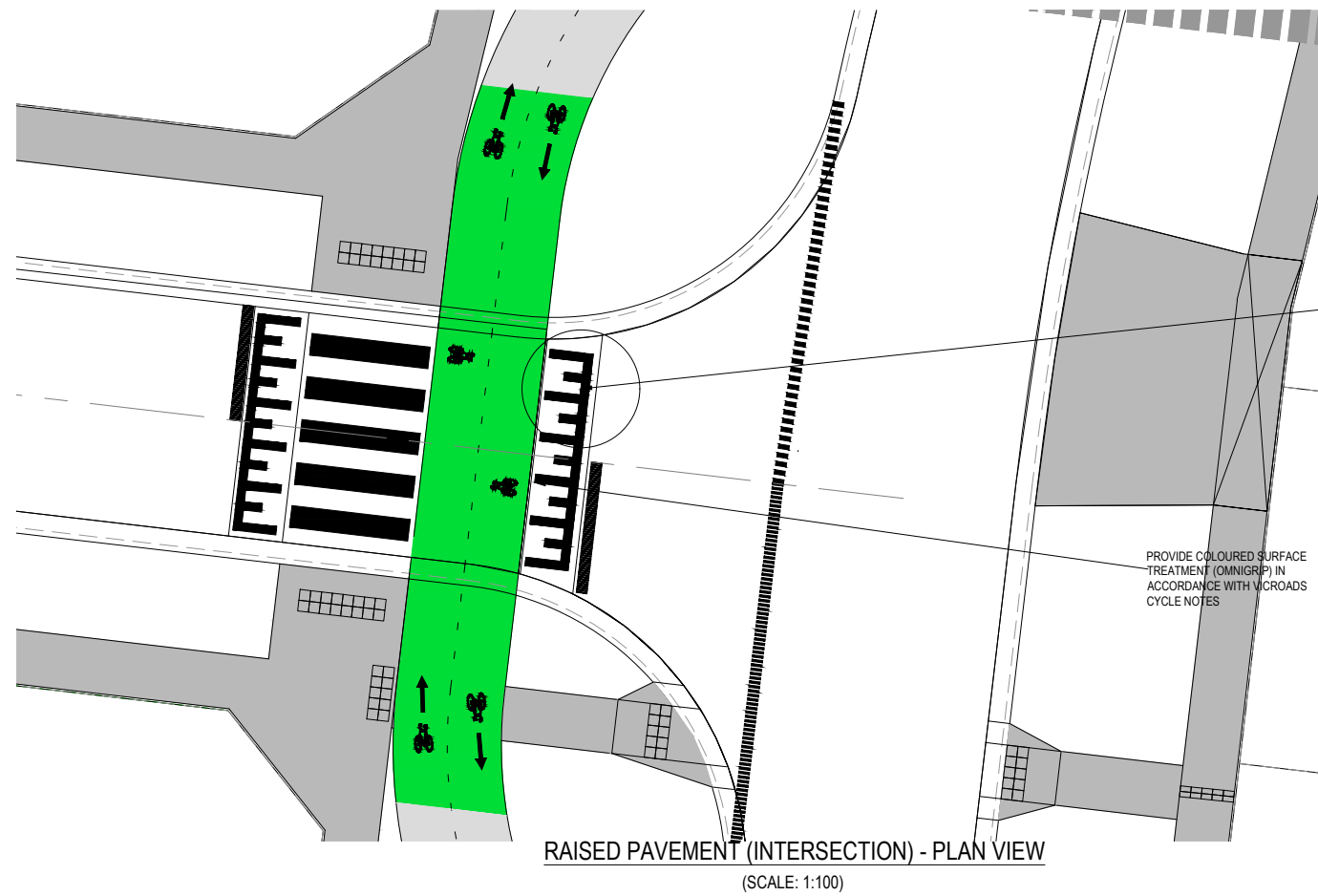
PM	A. CHUDLEIGH
DESIGNED	19.08.2021
T. BARBOUR	
CHECKED	20.08.2021
S. FALKENSTEIN	
AUTHORISED	20.08.2021
A. CHUDLEIGH	
MELBURN:	343 F7
FOO No:	PS904921P
STATUS:	

ELLERTON
STAGE 2
CITY OF MELTON
STANDARD DETAILS - 1

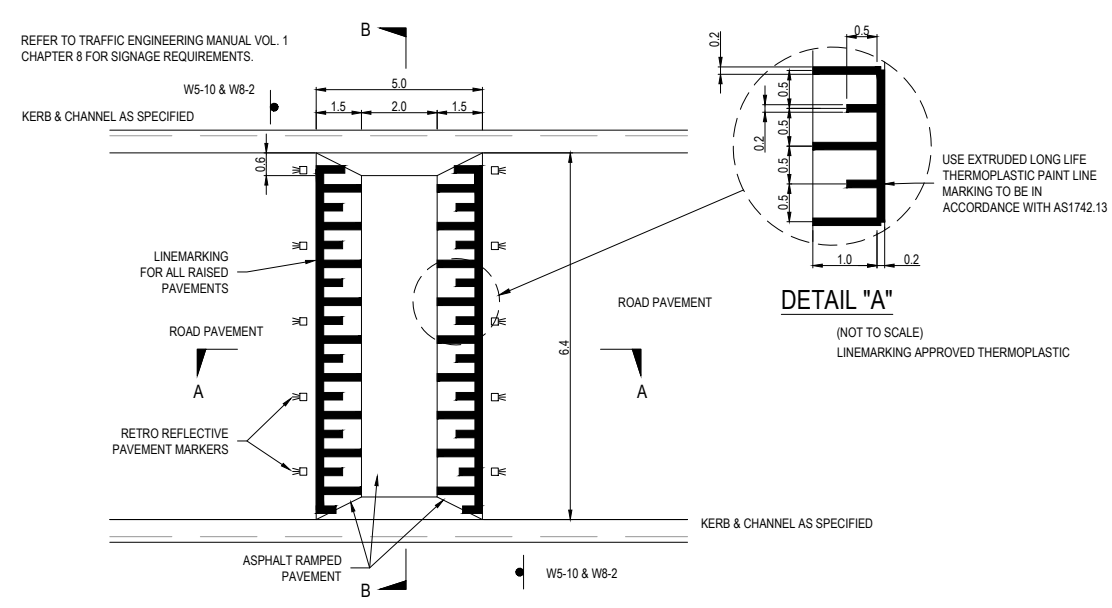
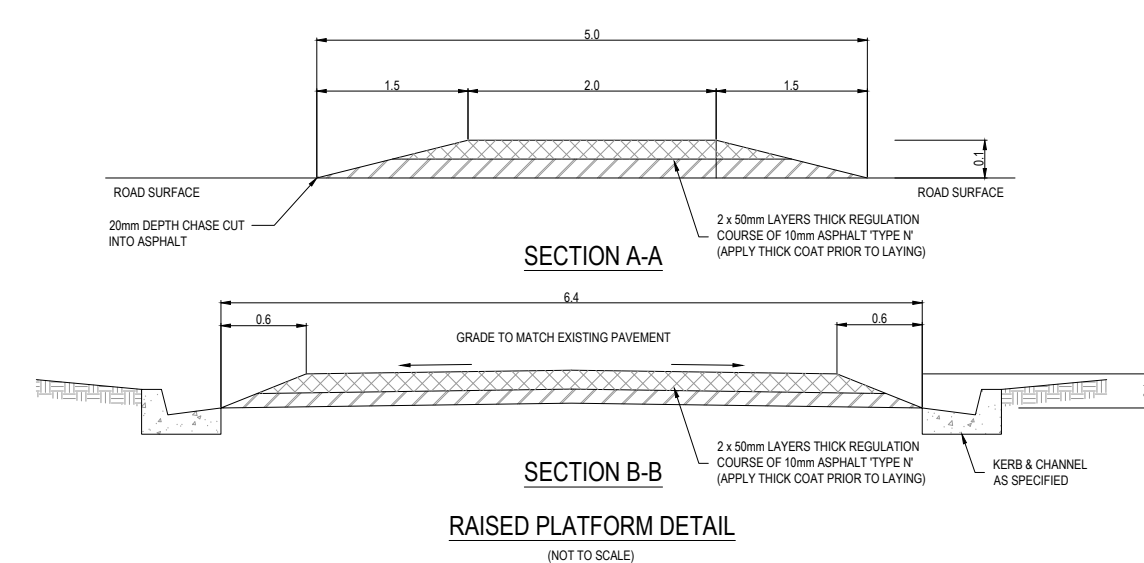
CONSTRUCTION

136402RD14

SHEET No: 14 OF 17
REV. 1



NOTE
ROAD HUMPS ARE TO BE LOCATED WITHIN 5m OF AN EXISTING STREET LIGHT OR A NEW STREET LIGHT MUST BE INSTALLED WITHIN 5m OF A ROAD HUMP. SIGN MUST BE INSTALLED TO SIGN INSTALLATION GUIDELINES.



REV.	AMENDMENTS	APPD	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
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B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

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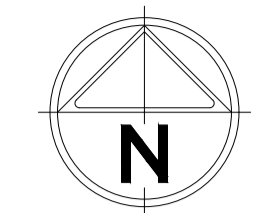
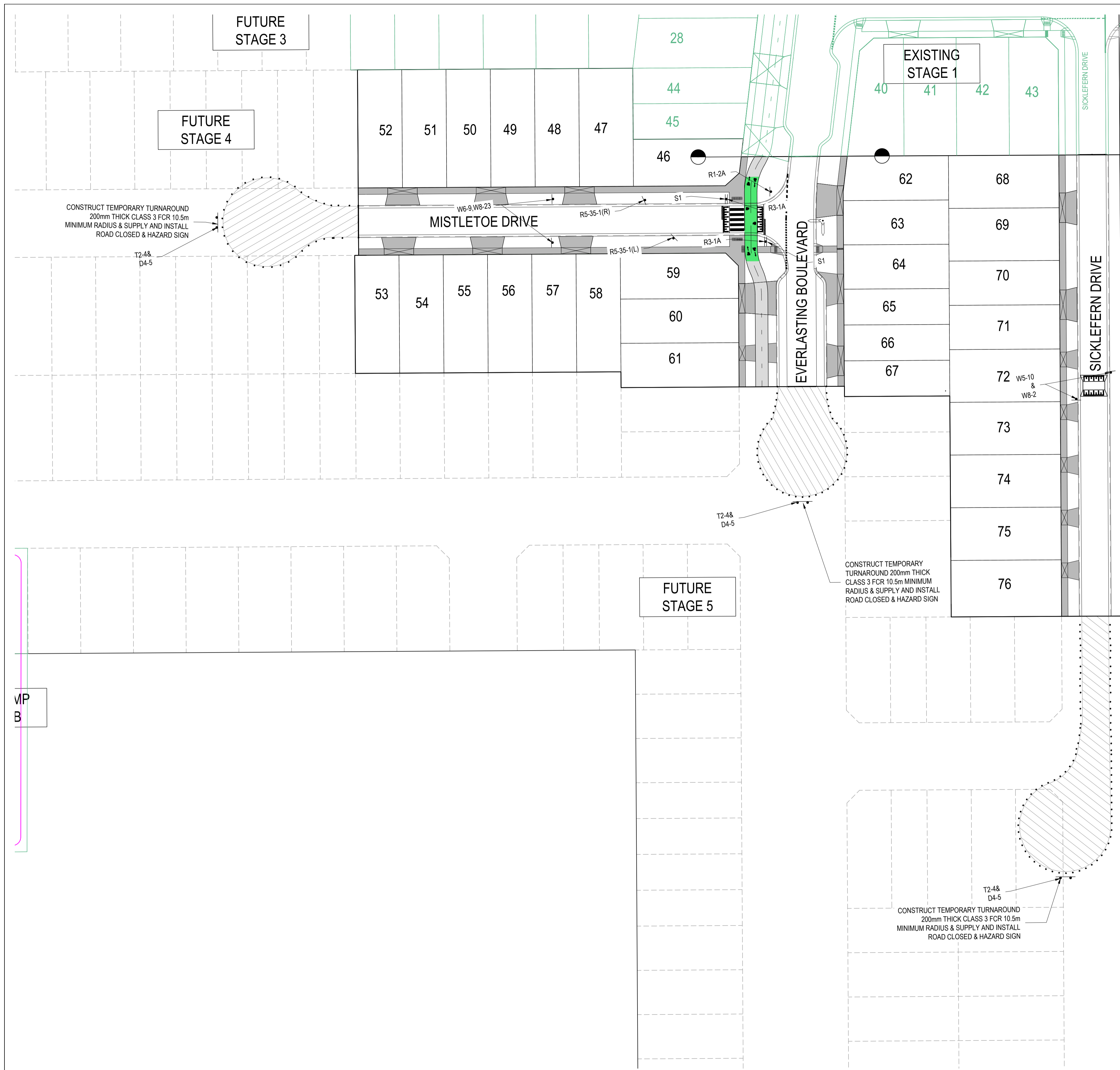
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PM	A. CHUDLEIGH
DESIGNED	19.08.2021
CHECKED	T. BARBOUR
AUTHORISED	S. FALKENSTEIN
MELBAYS	A. CHUDLEIGH
FOU No.	343 F7
STATUS	PSS04921P

ELLERTON
STAGE 2
CITY OF MELTON
STANDARD DETAILS - 2

CONSTRUCTION
136402RD15

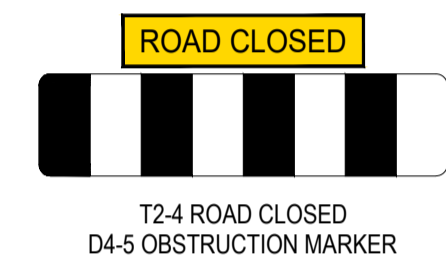
SHEET No. 15 OF 17
REV. 1



LEGEND:

1. LINE MARKING AND RRPMS TO AS 1742.1 2014 AND 1742.2 2009. LINE MARKING TO BE INITIALLY (PRIOR TO WEARING COURSE ASPHALT) INSTALLED USING STANDARD ROAD MARKING PAINT.
2. TACTILE GROUND SURFACE (TGS) PAVERS INCLUDING SUPPLY & INSTALL WARNING AND DIRECTIONAL PAVERS AS DETAILED IN ACCORDANCE WITH AS1428.1-2009

- LINEMARKING
- GIVEWAY LINE
- HOLDING LINE
- CONTINUITY LINE
- LANE SEPARATION
- RRPMS
- STREET SIGNS AS PER COUNCIL STANDARDS
- SIGN & POST (SINGLE/DOUBLE POST)
- TGS - HAZARD
- TGS - DIRECTIONAL
- ON STREET PARKING
- TEMPORARY CRUSHED ROCK TURNAROUND
- OMNIGRIP



TO CYCLISTS



R1-2A



R3-1A



R5-35-1(R)



R5-35-1(L)



W6-9, W8-23



W5-10 & W8-2

REV.	AMENDMENTS	APP'D	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

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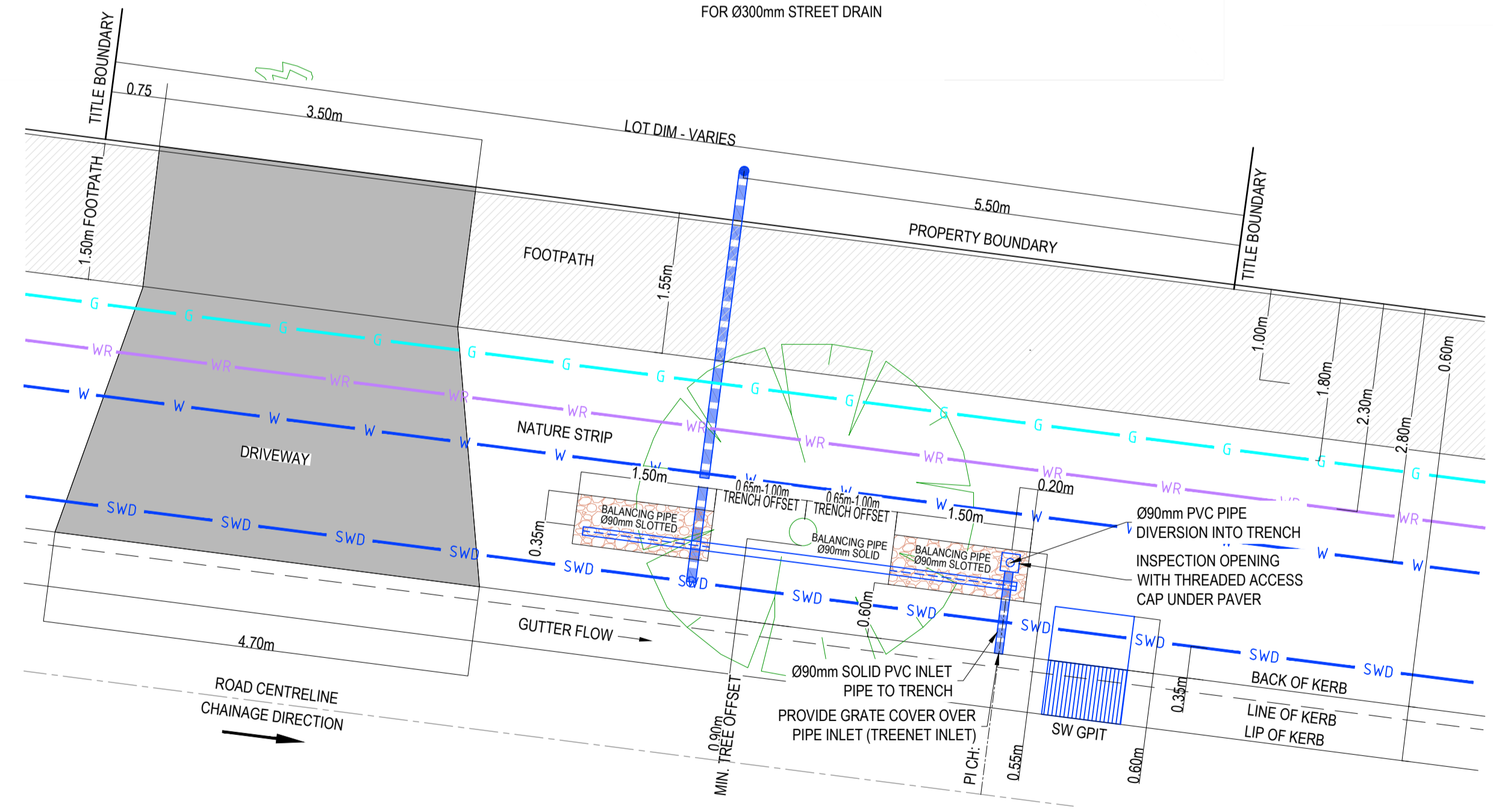
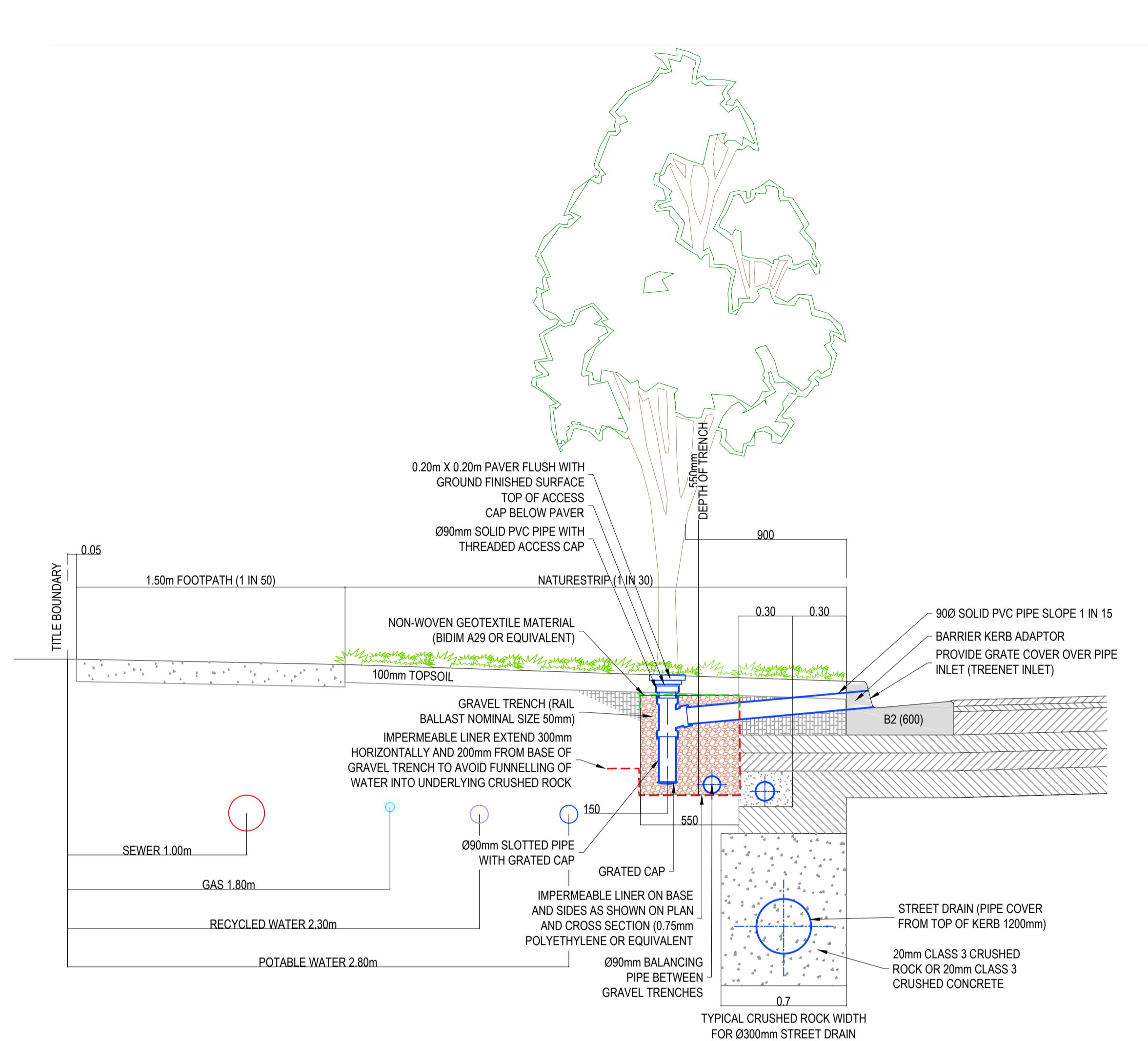
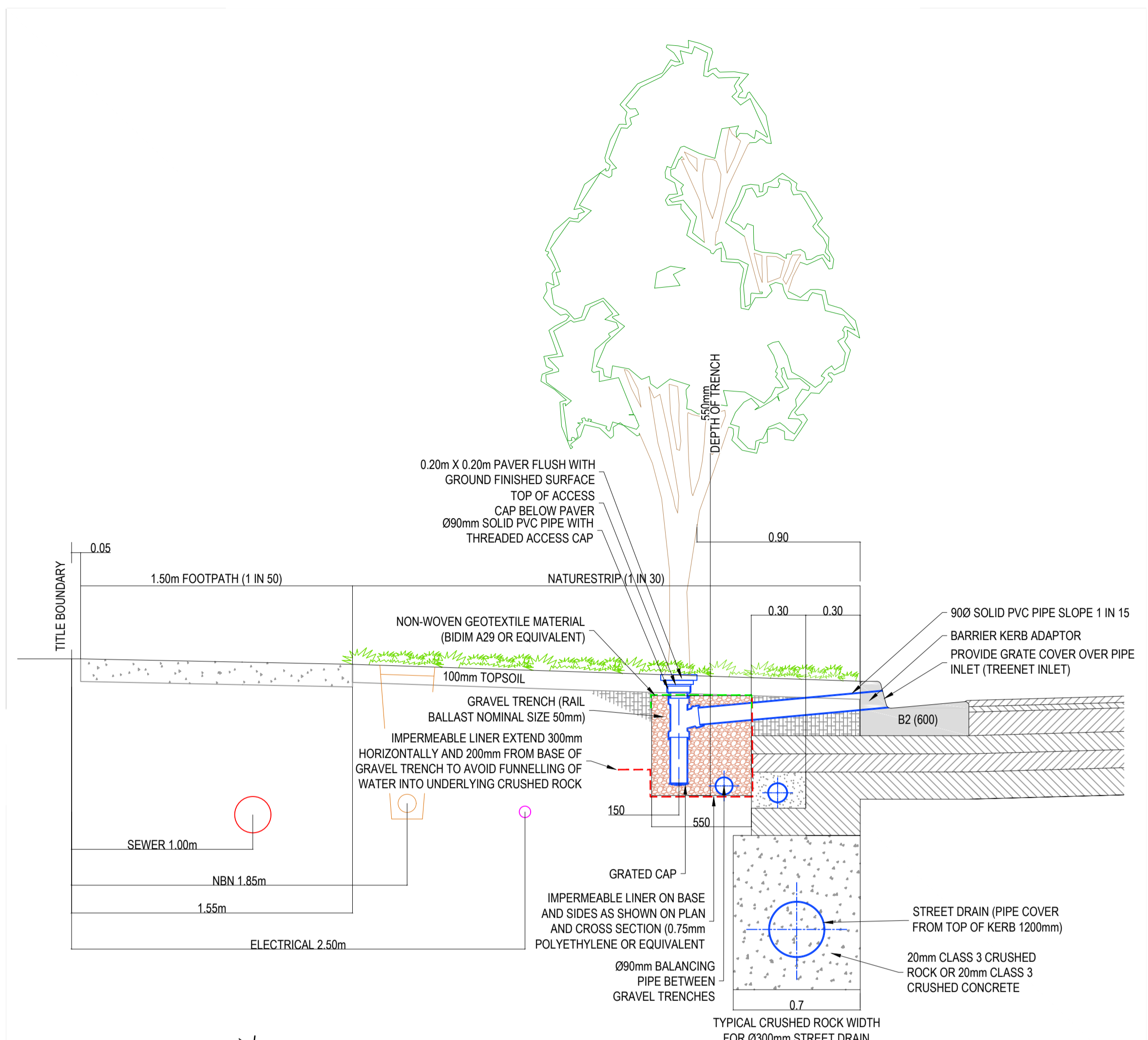
Ph: 03 9562 7424
 Scale: 1:1000, A1
 Horizontal 0 10 20 30 40 50
 Vertical 0 10 20 30 40 50

PM	A. CHUDLEIGH
DESIGNED	19.08.2021
CHECKED	T. BARBOUR
AUTHORISED	S. FALKENSTEIN
MELBAYS	343 F7
STATUS	PS904921P

CONSTRUCTION 136402RD16 REV. 1

ELLERTON
 STAGE 2
 CITY OF MELTON
 SIGNAGE & LINEMARKING - 1

SHEET No. 16 OF 17



NOTES:

1. TOP OF GRAVEL TRENCH TO BE LINED WITH NON-WOVEN GEOTEXTILE MATERIAL AS SHOWN TO PREVENT FINE MIGRATION INTO THE TRENCH
2. ALL PVC JOINTS TO BE SEALED WITH SOLVENT CEMENT
3. ALL GRASSED AREAS TO BE TOP DRESSED WITH 100 MM TOPSOIL AND SEEDED AS SPECIFIED
4. SERVICE DEPTHS AND LOCATIONS ARE INDICATIVE ONLY
5. WHERE THE VERGE IS LESS THAN 4.2m (TYPICAL) A SPECIFIC DETAIL SHALL BE SHOWN ON THE ENGINEERING DRAWINGS THAT RETAINS THE PRINCIPALS AND STORAGE VOLUME OUTLINED IN THIS DETAIL

**PASSIVE STREET TREE IRRIGATION
GRAVEL TRENCH (KERB INLET DIVERSION)
PLAN**



GENERAL NOTES:

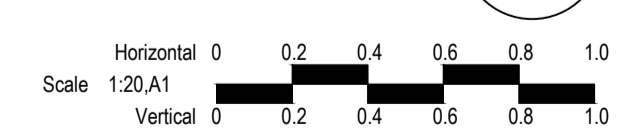
1. AT HIGHLY CONSTRAINED SITES, GRAVEL TRENCHES CAN BE MODIFIED IN THE FOLLOWING WAYS:
 - REDUCED OFFSET OF 0.75 M FROM TREE CENTRELINE
 - DIMENSION 1.0 M LONG x 0.6 M WIDE x 0.75 M DEEP

LEGEND

	SEWER
	GAS
	POTABLE WATER
	STORMWATER DRAIN
	RECYCLED WATER
	GRAVEL TRENCH - (RAIL BALLAST NOMINAL SIZE 50mm)
	BALANCING PIPE - Ø90mm (SLOTTED SECTION WITHIN GRAVEL TRENCH)
	BALANCING PIPE - Ø90mm (SOLID PIPE SECTION BETWEEN GRAVEL TRENCHES)

**PASSIVE STREET TREE IRRIGATION
GRAVEL TRENCH (KERB INLET DIVERSION)**

SECTION A
SCALE 1 : 20



REV.	AMENDMENTS	APP'D	DATE
1	MINOR DRAINAGE AMENDMENTS	A. CHUDLEIGH	09.09.2022
0	ISSUED FOR CONSTRUCTION	A. CHUDLEIGH	30.08.2022
C	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	01.04.2022
B	AMENDED AS PER COUNCIL COMMENTS	A. CHUDLEIGH	09.02.2022
A	ISSUED FOR APPROVAL	A. CHUDLEIGH	20.08.2021

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FILE: J1126; workspace\data\A\I\MEL\SQL\01136402_863P\M22 DESIGN\G01 DESIGN\ACAD\136402_RD9-PI.dwg LAYOUT: RD9-01 PLOTTED BY: Sean Falkenstein PLOT DATE: 8/9/2022 6:35 AM

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PM	A. CHUDLEIGH
DESIGNED	19.08.2021
T. BARBOUR	
CHECKED	20.08.2021
S. FALKENSTEIN	
AUTHORISED	20.08.2021
A. CHUDLEIGH	
MELBAYS	343 F7
PROJ No.	PS904921P
STATUS:	

**ELLERTON
STAGE 2
CITY OF MELTON
PASSIVE TREE IRRIGATION DETAILS**

Scale	AS SHOWN	CONSTRUCTION	136402RD17	SHEET No. 17 OF 17
REV.	1			