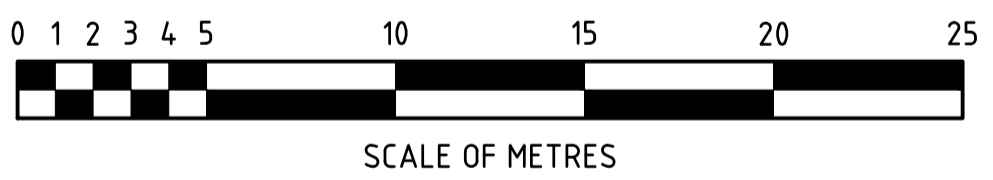


TBM 01  
CONCRETE NAIL  
E: 324.717.551  
N: 5810874.943  
RL (AHD): 5.60

TBM 02  
CONCRETE NAIL  
E: 324.735.854  
N: 5810851.624  
RL (AHD): 5.82

TBM 03  
CONCRETE NAIL  
E: 324.752.471  
N: 5810811.315  
RL (AHD): 5.77

TBM 04  
RIVERT  
E: 324.751.870  
N: 5810779.373  
RL (AHD): 25.59



**WARNING AND DISCLAIMER**  
**Beware of Underground Services**  
The location of underground services plotted in these drawings are approximate only. Therefore, it is the responsibility of the Contractor to prove their exact positions on site. Furthermore, other services may exist of which Stonnington City Council are unaware. Therefore, the information provided needs to be verified by the relevant Service Authorities.

**CONSTRUCTION ISSUE**      **ISSUE 05**

EXISTING LEGEND	
	PERMANENT SURVEY MARK
	SURVEY STATION
	TRAVERSE LINE
	ELECTRICITY CABLE
	GAS MAIN
	SEWER MAIN
	TELECOM CABLE
	WATER MAIN
	DRAINAGE LINE
	PROPERTY STORMWATER
	JUNCTION PIT
	GRADED PIT
	ELECTRICITY PIT
	ELECTRICITY POLE & LIGHT
	STAY ANCHOR
	TRAM POLE
	TRAM POLE & LIGHT
	TRAFFIC LIGHT
	TRAFFIC SIGNAL COVERS
	TRAFFIC SIGNAL BOX
	TRAFFIC / PARKING SIGN
	BOLLARD
	SEWER VENT
	SEWER MANHOLE / IO
	FIRE PLUG
	FIRE HYDRANT
	WATER VALVE
	GAS VALVE
	TELECOM PIT
	TELECOM CABINET
	PUBLIC TELEPHONE
	POST BOX
	LITTER BIN
	BENCH-SEAT

NUMBER	AMENDMENT DESCRIPTION	DATE	APPROVED BY

**Cardno TGM**  
ABN 11 125 568 461  
Level 4, 501 Swanston Street, Melbourne, VIC Australia 3000  
Phone: +61 3 8415 7777 Fax: +61 3 8415 7788  
Email: victoria@cardno.com.au Web: www.cardno.com

**City of Stonnington**  
311 Glenferrie Road, Malvern VIC 3144  
PO Box 58, Malvern 3144 Tel 8290 1333

Initials	Date	CAD Reference
Designed J.P.	18-08-2020	V2000409-[1]-1030-ex
Drawn J.P.	18-08-2020	File Reference
Checked		Level Datum A.H.D.
Approved		FB
Design & Projects	Date	LB
Client	Date	

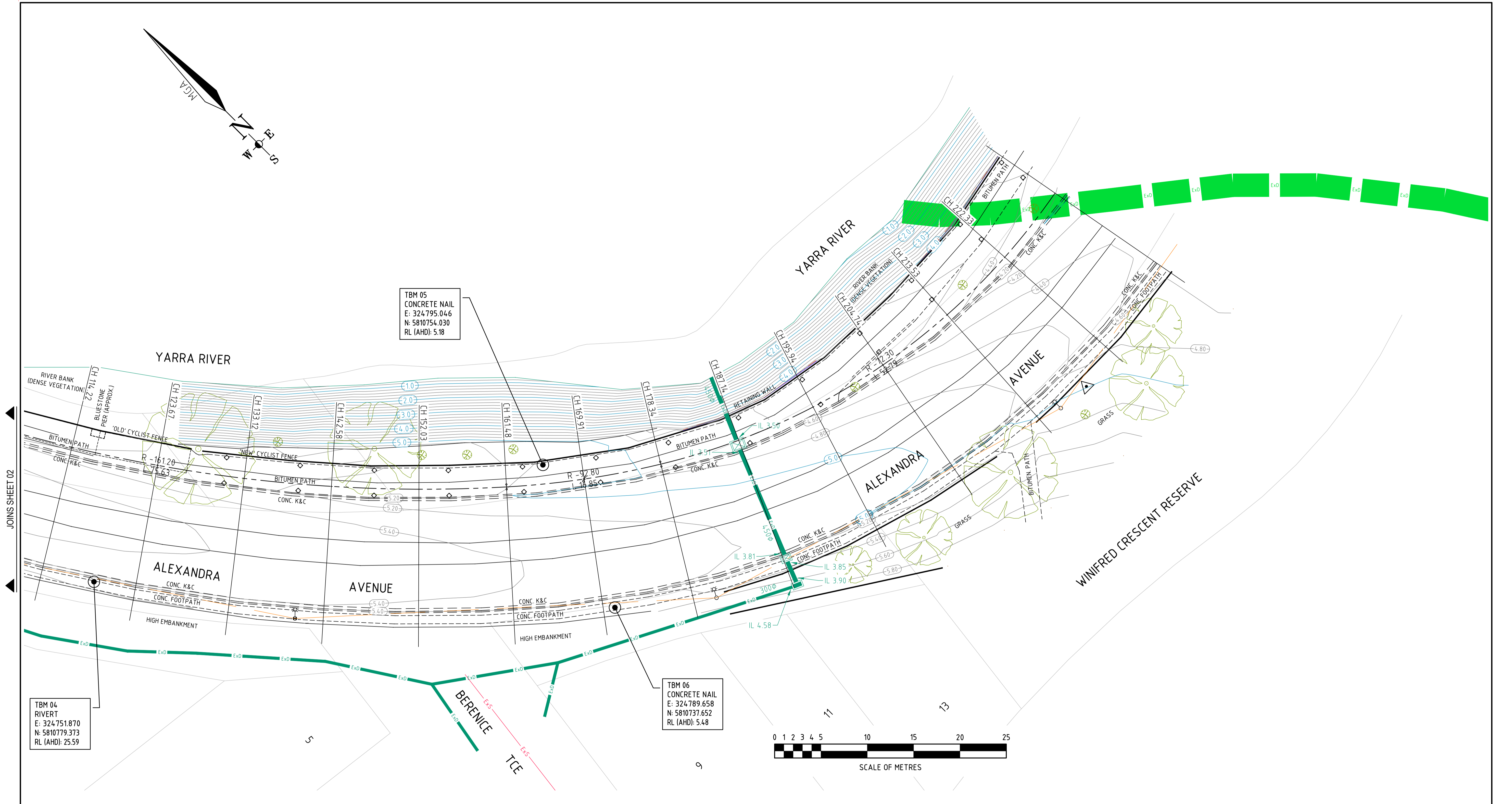
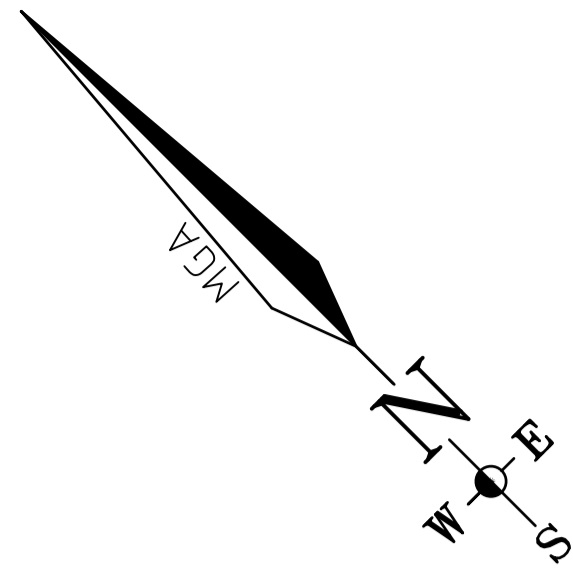
**YARRA MAIN TRAIL, TOORAK - SHARED PATH**  
EXISTING CONDITIONS & SERVICES PLAN 1

SCALE: H. 1:200 @ A1  
V. -

DRAWING NUMBER 2020-007  
Amendment No. [ ]  
SHEET 02 of 12

2020-007  
DRAWING NUMBER

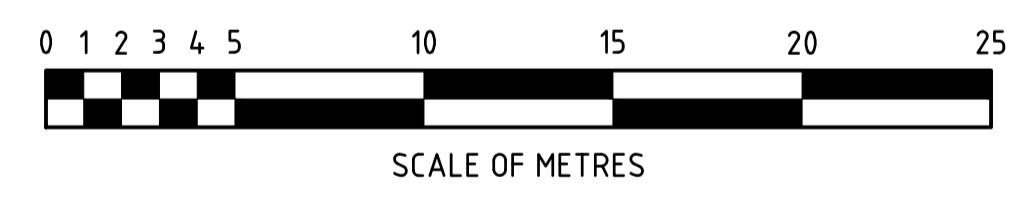
Cardno TGM REF No V200409



TBM 05  
CONCRETE NAIL  
E: 324.795.046  
N: 5810754.030  
RL (AHD): 5.18

TBM 06  
CONCRETE NAIL  
E: 324.789.658  
N: 5810737.652  
RL (AHD): 5.48

TBM 04  
RIVERT  
E: 324.751.870  
N: 5810779.373  
RL (AHD): 25.59



JOINS SHEET 02

**WARNING AND DISCLAIMER**  
**Beware of Underground Services**  
The location of underground services plotted in these drawings are approximate only. Therefore, it is the responsibility of the Contractor to prove their exact positions on site. Furthermore, other services may exist of which Stonnington City Council are unaware. Therefore, the information provided needs to be verified by the relevant Service Authorities.

**CONSTRUCTION ISSUE**      **ISSUE 05**

EXISTING LEGEND	
▲ PERMANENT SURVEY MARK	○ ELECTRICITY PIT
—+— TRAVVERSE LINE	○ ELECTRICITY POLE & LIGHT
—E— ELECTRICITY CABLE	○ STAY ANCHOR
—G— GAS MAIN	○ TRAM POLE
—S— SEWER MAIN	○ TRAM POLE & LIGHT
—T— TELECOM CABLE	● TRAFFIC LIGHT
—W— WATER MAIN	○ TRAFFIC SIGNAL COVERS
—D— DRAINAGE LINE	□ TRAFFIC SIGNAL BOX
—SW— PROPERTY STORMWATER	— TRAFFIC / PARKING SIGN
□ JUNCTION PIT	○ BOLLARD
□ GRATED PIT	
○ SEWER VENT	○ SEWER MANHOLE / IO
○ FIRE PLUG	○ FIRE HYDRANT
○ WATER VALVE	○ GAS VALVE
○ TELECOM PIT	○ TELECOM CABINET
○ PUBLIC TELEPHONE	○ POST BOX
○ LITTER BIN	○ BENCH SEAT

**Cardno TGM**  
ABN 11 125 568 461  
Level 4, 501 Swanston Street, Melbourne, VIC Australia 3000  
Phone +61 3 8415 7777 Fax +61 3 8415 7788  
Email: victoria@cardno.com.au Web: www.cardno.com

**City of STONNINGTON**  
311 Glenferrie Road, Malvern VIC 3144  
PO Box 58, Malvern 3144 Tel 8290 1333

NUMBER	AMENDMENT DESCRIPTION	DATE	APPROVED BY

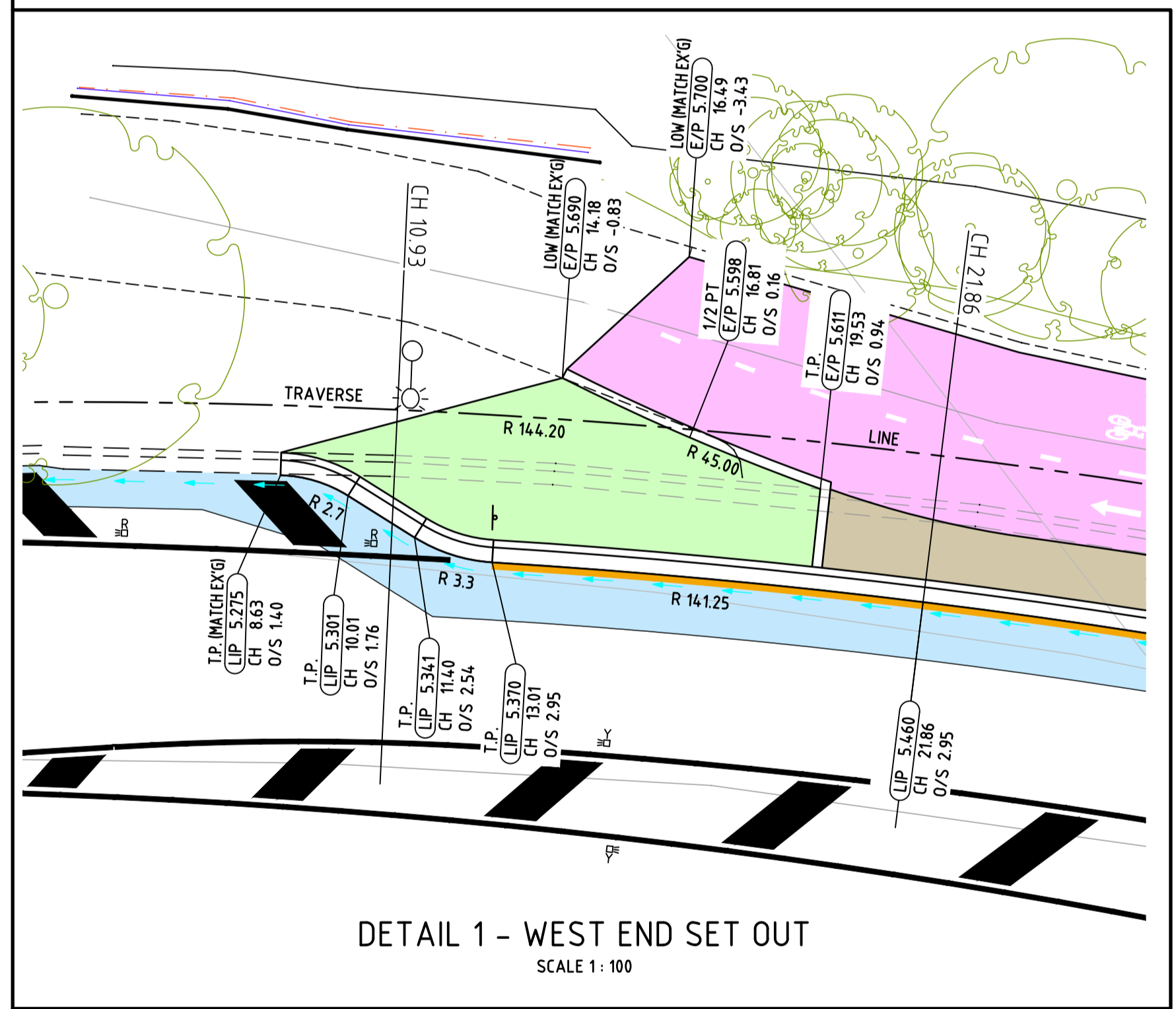
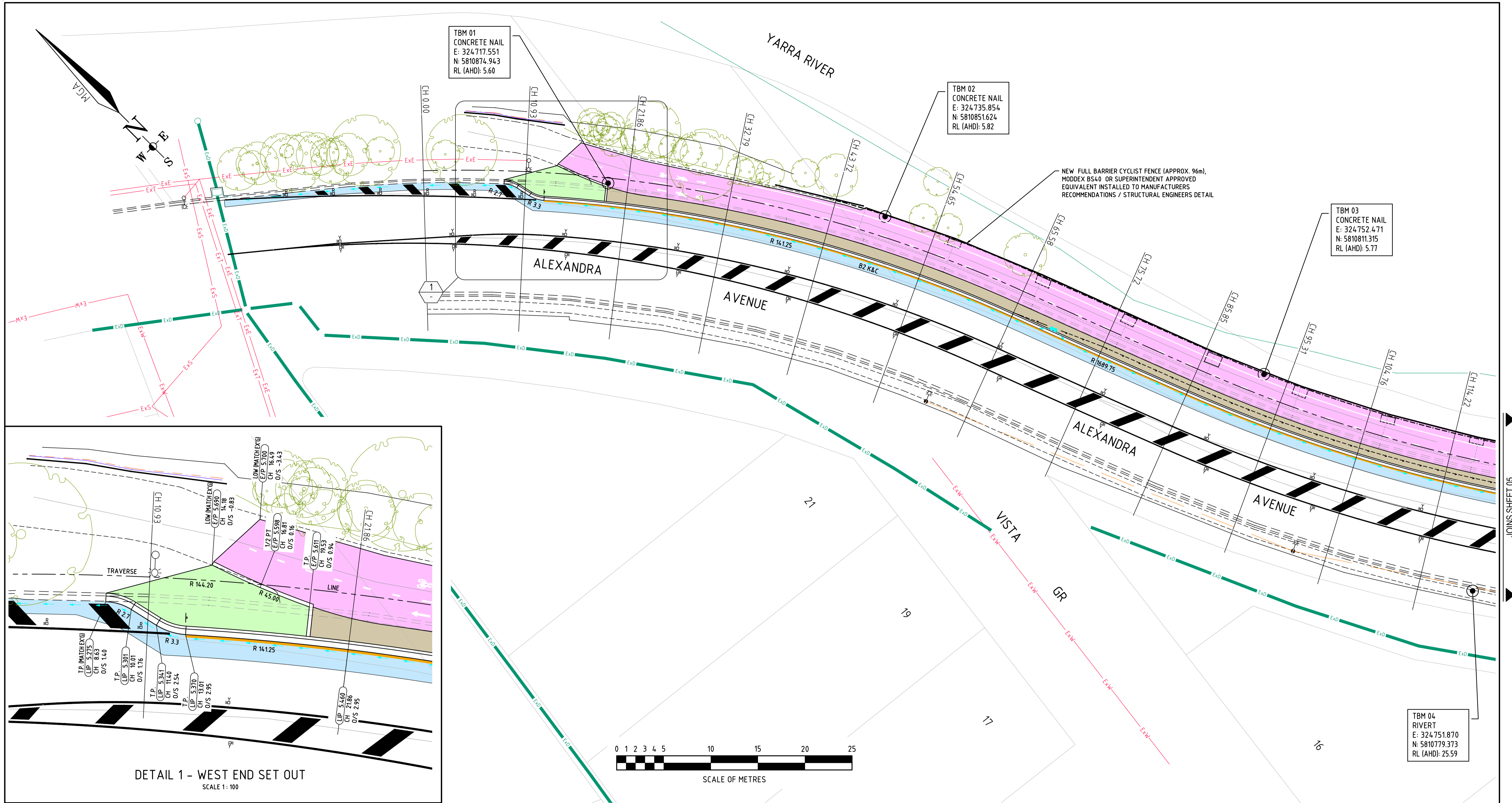
Initials	Date	CAD Reference
Designed J.P.	18-08-2020	V2000409-[1-1030-ex
Drawn J.P.	18-08-2020	File Reference
Checked		Level Datum
Approved		A.H.D.
Design & Projects	Date	FB
Client	Date	LB

**YARRA MAIN TRAIL, TOORAK - SHARED PATH**  
**EXISTING CONDITIONS & SERVICES PLAN 2**

SCALE: H. 1:200 @ A1  
V. -

DRAWING NUMBER: 2020-007  
Amendment No. [ ]  
SHEET 03 of 12

2020-007  
DRAWING NUMBER  
Cardno TGM REF No V2000409



DETAIL 1 - WEST END SET OUT  
SCALE 1:100

**GENERAL NOTES:**

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CITY OF STONNINGTON STANDARD DRAWINGS, SPECIFICATIONS, APPROVED PLANS AND TO THE SATISFACTION OF THE SUPERVISOR.
- ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH ROAD MANAGEMENT ACT 2004 - CODE OF PRACTICE FOR WORKSITE SAFETY TRAFFIC MANAGEMENT.
- THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL UNDERGROUND SERVICES BEFORE COMMENCING ANY MECHANICAL EXCAVATION.
- THE CONTRACTOR SHALL MAKE PROVISION FOR THE SAFETY OF PEDESTRIAN AND VEHICULAR TRAFFIC DURING THE CURRENCY OF WORKS TO THE SATISFACTION OF THE SUPERVISOR.
- ALL PATHWAY SAWCUTTING TO BE CARRIED OUT WHERE SHOWN ON THE PLANS.
- IF 50mm Ø TREE ROOTS ARE ENCOUNTERED THEN NON-DESTRUCTIVE METHODS OF EXCAVATION SUCH AS AIR-KNIFING MUST BE IMPLEMENTED IN CONSULTATION WITH COUNCIL'S ARBORIST.
- AREAS ON WHICH FILL IS TO BE PLACED SHALL BE COMPACTED AT OPTIMUM MOISTURE CONTENT TO A DRY DENSITY OF NOT LESS THAN 95% AUSTRALIAN STANDARD MAXIMUM DRY DENSITY FOR THE TOP 150mm. FILL SHALL BE APPROVED GRANULAR MATERIAL SPREAD AND COMPACTED THROUGHOUT TO NOT LESS 95% AUSTRALIAN STANDARD MAXIMUM DRY DENSITY. THE TOP 500mm OF FILL IS TO ACHIEVE A SUBGRADE COMPACTION OF 98% AS PER STANDARD A.S.1289.
- COMPACTION TESTS SHALL BE CARRIED OUT BY A NATA ACCREDITED COMPANY AS INSTRUCTED BY SUPERVISOR AND IN ACCORDANCE WITH AS 1289 - 5.2.1 & 5.8.1.
- PAVEMENT MARKINGS SHALL BE CARRIED OUT IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL:
  - TEMPORARY MARKINGS TO BE 2 COATS OF WATER-BORNE PAINT
  - PERMANENT MARKINGS TO BE LONGLIFE MATERIALS.
- ANY TRAFFIC SIGNS, LITTER BINS AND SEATS etc. DISLODGED OR REMOVED DURING CONSTRUCTION ARE TO BE RESET IN THEIR ORIGINAL LOCATION OR LOCATED IN A NEW POSITION APPROVED BY THE SUPERVISOR.

**DESIGN LEGEND**

	CONSTRUCT SHARED USER PATH - FLEXIBLE PAVEMENT WITH TYPE E1M CONCRETE EDGE RESTRAINTS. REFER TO DETAIL AND COUNCIL SPECIFICATION.		CONSTRUCT CONCRETE B2 KERB & CHANNEL TO VICROADS DETAIL AND SPECIFICATION.		SUB SURFACE DRAIN REFER TO VICROADS SD 1621.
	CONSTRUCT CONCRETE PAVING TO DETAIL AND COUNCIL SPECIFICATION.		FORM OPEN INVERT IN CONCRETE PAVING.		FLUSHOUT RISER REFER TO VICROADS SD 1631.
	CONSTRUCT ROAD PAVEMENT TO DETAIL AND VICROADS SPECIFICATION.		CONSTRUCT UNDERGROUND DRAINAGE.		ALL SUB SURFACE DRAINS ARE 100 Ø CLASS 1000 CORRUGATED PIPE UNLESS OTHERWISE SPECIFIED.
	CONSTRUCT GARDEN BED TO COUNCIL SPECIFICATION.		SAW CUTTING LINES.		YELLOW RRP (ONE-WAY)
					RED RRP (ONE-WAY)

**WARNING AND DISCLAIMER**  
**BWARE OF UNDERGROUND SERVICES**  
The location of underground services plotted in these drawings are approximate only. Therefore, it is the responsibility of the Contractor to prove their exact positions on site. Furthermore, other services may exist of which Stonnington City Council are unaware. Therefore, the information provided needs to be verified by the relevant Service Authorities.

**CONSTRUCTION ISSUE**      **ISSUE 05**

EXISTING LEGEND			
	PERMANENT SURVEY MARK		ELECTRICITY PIT
	SURVEY STATION		ELECTRICITY POLE
	TRAVERSE LINE		STAY ANCHOR
	ELECTRICITY CABLE		TRAM POLE
	GAS MAIN		TRAM POLE & LIGHT
	SEWER MAIN		TRAFFIC LIGHT
	TELECOM CABLE		TRAFFIC SIGNAL COVERS
	WATER MAIN		TRAFFIC SIGNAL BOX
	DRAINAGE LINE		TRAFFIC / PARKING SIGN
	PROPERTY STORMWATER		BOLLARD
	JUNCTION PIT		SEWER VENT
	GRADED PIT		SEWER MANHOLE / 10
			FIRE PLUG
			FIRE HYDRANT
			WATER VALVE
			GAS VALVE
			TELECOM PIT
			TELECOM CABINET
			PUBLIC TELEPHONE
			POST BOX
			LITTER BIN
			BENCH-SEAT

**Cardno TGM**  
ABN 11 125 568 461  
Level 4, 501 Swanston Street, Melbourne, VIC Australia 3000  
Phone +61 3 8415 7777 Fax +61 3 8415 7788  
Email: victoria@cardno.com.au Web: www.cardno.com

**City of Stonnington**  
311 Glenferrie Road, Malvern VIC 3144  
PO Box 58, Malvern 3144 Tel 8290 1333

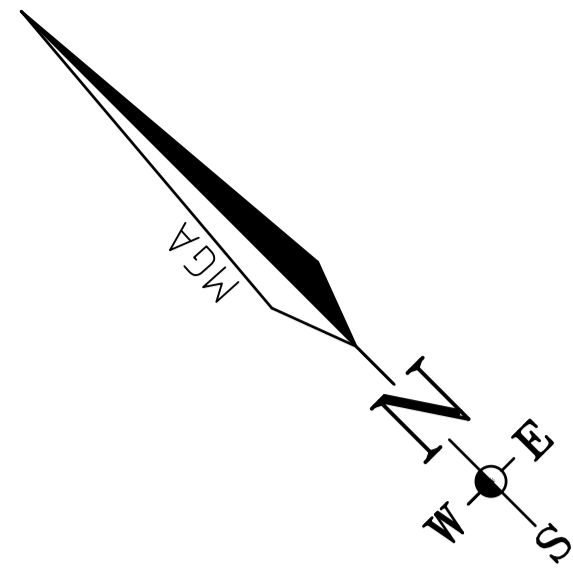
DESIGNED	J.P.	DATE	18-08-2020
DRAWN	J.P.	DATE	18-08-2020
CHECKED			
APPROVED			

**YARRA MAIN TRAIL, TOORAK - SHARED PATH**  
GENERAL NOTES & DETAIL PLAN 1

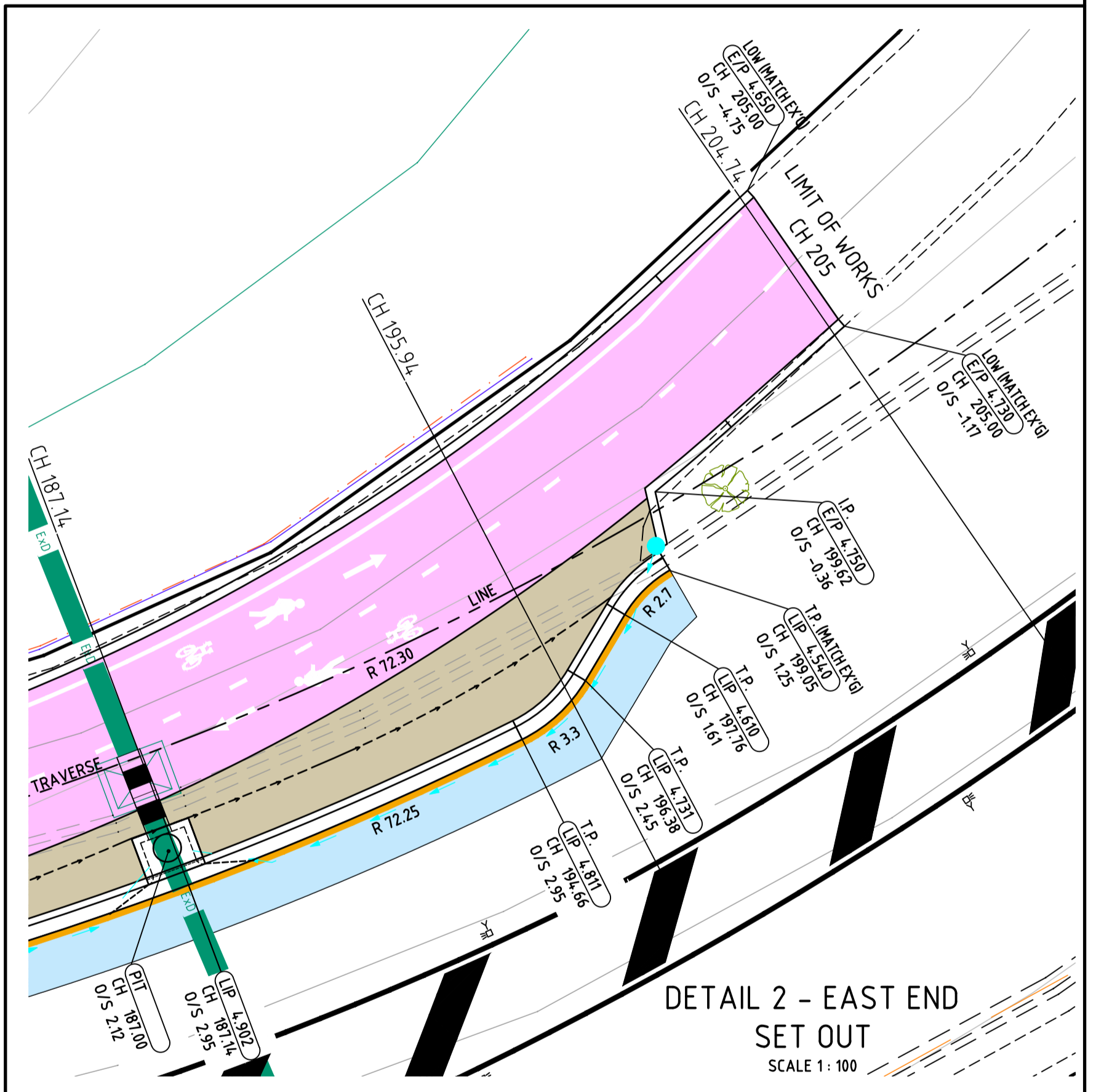
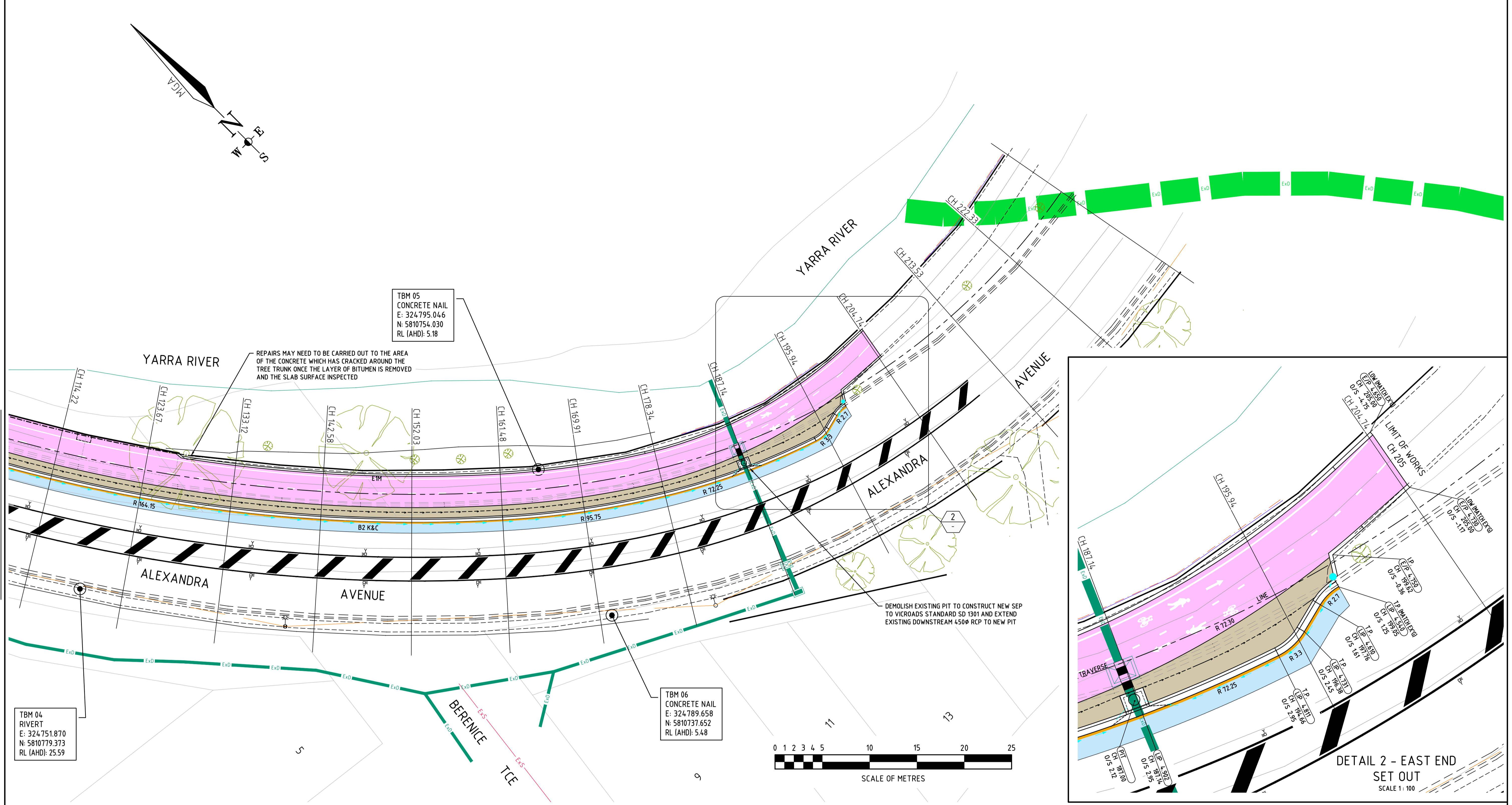
SCALE:	H: 1:200 @ A1	DRAWING NUMBER:	2020-007
	V: -	AMENDMENT No.:	A B C
		SHEET:	04 of 12

2020-007  
DRAWING NUMBER

Cardno TGM REF No V200409



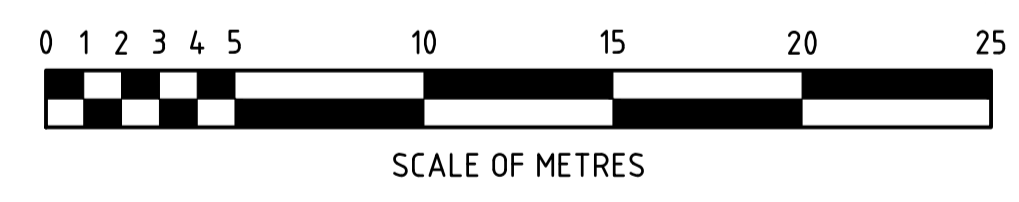
JOINS SHEET 04



TBM 04  
RIVERT  
E: 324.751.870  
N: 5810779.373  
RL (AHD): 25.59

TBM 05  
CONCRETE NAIL  
E: 324.795.046  
N: 5810754.030  
RL (AHD): 5.18

TBM 06  
CONCRETE NAIL  
E: 324.789.658  
N: 5810737.652  
RL (AHD): 5.48



CONSTRUCTION LEGEND			
T.L.	TRAVERSE LINE	I.P.	INTERSECTION POINT
CH	CHAINAGE ALONG TRAVERSE LINE	T.P.	CURVE TANGENT POINT
O/S	OFFSET FROM TRAVERSE LINE	1/2 PT	CURVE HALF POINT
LIP	LIP OF CHANNEL R.L.	1/4 PT	CURVE QUARTER POINT
TOK	TOP OF KERB R.L.	R	CURVE RADIUS
PVT	PAVEMENT	AL	CURVE ARC LENGTH
E/P	EDGE OF PATH	C	CURVE CHORD LENGTH
B/L	BUILDING LINE	M	CURVE MID ORDINATE

DESIGN LEGEND			
	CONSTRUCT SHARED USER PATH - FLEXIBLE PAVEMENT WITH TYPE E1M CONCRETE EDGE RESTRAINTS. REFER TO DETAIL AND COUNCIL SPECIFICATION.		CONSTRUCT CONCRETE B2 KERB & CHANNEL TO VICROADS DETAIL AND SPECIFICATION.
	CONSTRUCT CONCRETE PAVING TO DETAIL AND COUNCIL SPECIFICATION.		FORM OPEN INVERT IN CONCRETE PAVING.
	CONSTRUCT ROAD PAVEMENT TO DETAIL AND VICROADS SPECIFICATION.		CONSTRUCT UNDERGROUND DRAINAGE.
	CONSTRUCT GARDEN BED TO COUNCIL SPECIFICATION.		SAW CUTTING LINES.
	SUB SURFACE DRAIN REFER TO VICROADS SD 1621.		FLUSHOUT RISER REFER TO VICROADS SD 1631.
	ALL SUB SURFACE DRAINS ARE 100 Ø CLASS 1000 CORRUGATED PIPE UNLESS OTHERWISE SPECIFIED.		YELLOW RRP (ONE-WAY)
	RED RRP (ONE-WAY)		

**WARNING AND DISCLAIMER**  
**BWARE OF UNDERGROUND SERVICES**  
The location of underground services plotted in these drawings are approximate only. Therefore, it is the responsibility of the Contractor to prove their exact positions on site. Furthermore, other services may exist of which Stonnington City Council are unaware. Therefore, the information provided needs to be verified by the relevant Service Authorities.

**CONSTRUCTION ISSUE**      **ISSUE 05**

EXISTING LEGEND	
	PERMANENT SURVEY MARK
	TRAVERSE LINE
	ELECTRICITY CABLE
	GAS MAIN
	SEWER MAIN
	TELECOM CABLE
	WATER MAIN
	DRAINAGE LINE
	PROPERTY STORMWATER
	JUNCTION PIT
	GRADED PIT
	ELECTRICITY PIT
	ELECTRICITY POLE
	STAY ANCHOR
	TRAM POLE
	TRAM POLE & LIGHT
	TRAFFIC LIGHT
	TRAFFIC SIGNAL COVERS
	TRAFFIC SIGNAL BOX
	TRAFFIC / PARKING SIGN
	BOLLARD
	SEWER VENT
	SEWER MANHOLE / IO
	FIRE PLUG
	FIRE HYDRANT
	WATER VALVE
	GAS VALVE
	TELECOM PIT
	TELECOM CABINET
	PUBLIC TELEPHONE
	POST BOX
	LITTER BIN
	BENCH-SEAT

NUMBER	AMENDMENT DESCRIPTION	DATE	APPROVED BY
B	DOT (VICROADS) COMMENTS	05-07-2021	J.P.
A	DOT (VICROADS) / COUNCIL / RSA COMMENTS	17-03-2021	J.P.

**Cardno TGM**  
ABN 11 125 568 461  
Level 4, 501 Swanston Street, Melbourne, VIC Australia 3000  
Phone +61 3 8415 7777 Fax +61 3 8415 7788  
Email: victoria@cardno.com.au Web: www.cardno.com

**City of STONNINGTON**  
311 Glenferrie Road, Malvern VIC 3144  
PO Box 58, Malvern 3144 Tel 8290 1333

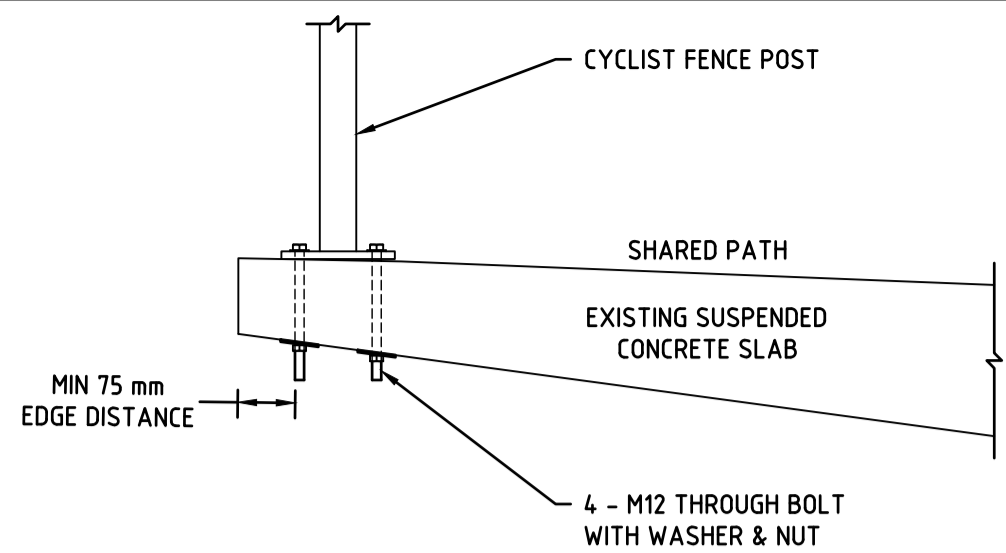
Initials	Date	CAD Reference
J.P.	18-08-2020	V200409-CL-1050-des
J.P.	18-08-2020	File Reference
		Level Datum
		A.H.D.
		FB
		LB

**YARRA MAIN TRAIL, TOORAK - SHARED PATH**  
**DETAIL PLAN 2**

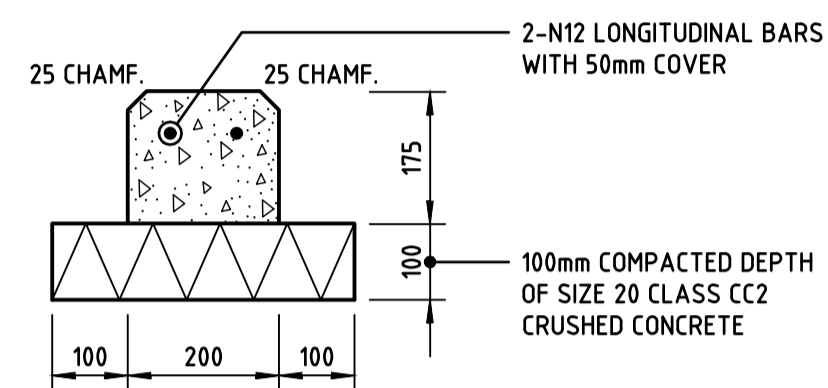
SCALE: H. 1:200 @ A1  
V. -

DRAWING NUMBER 2020-007  
Amendment No. A B C  
SHEET 05 of 12

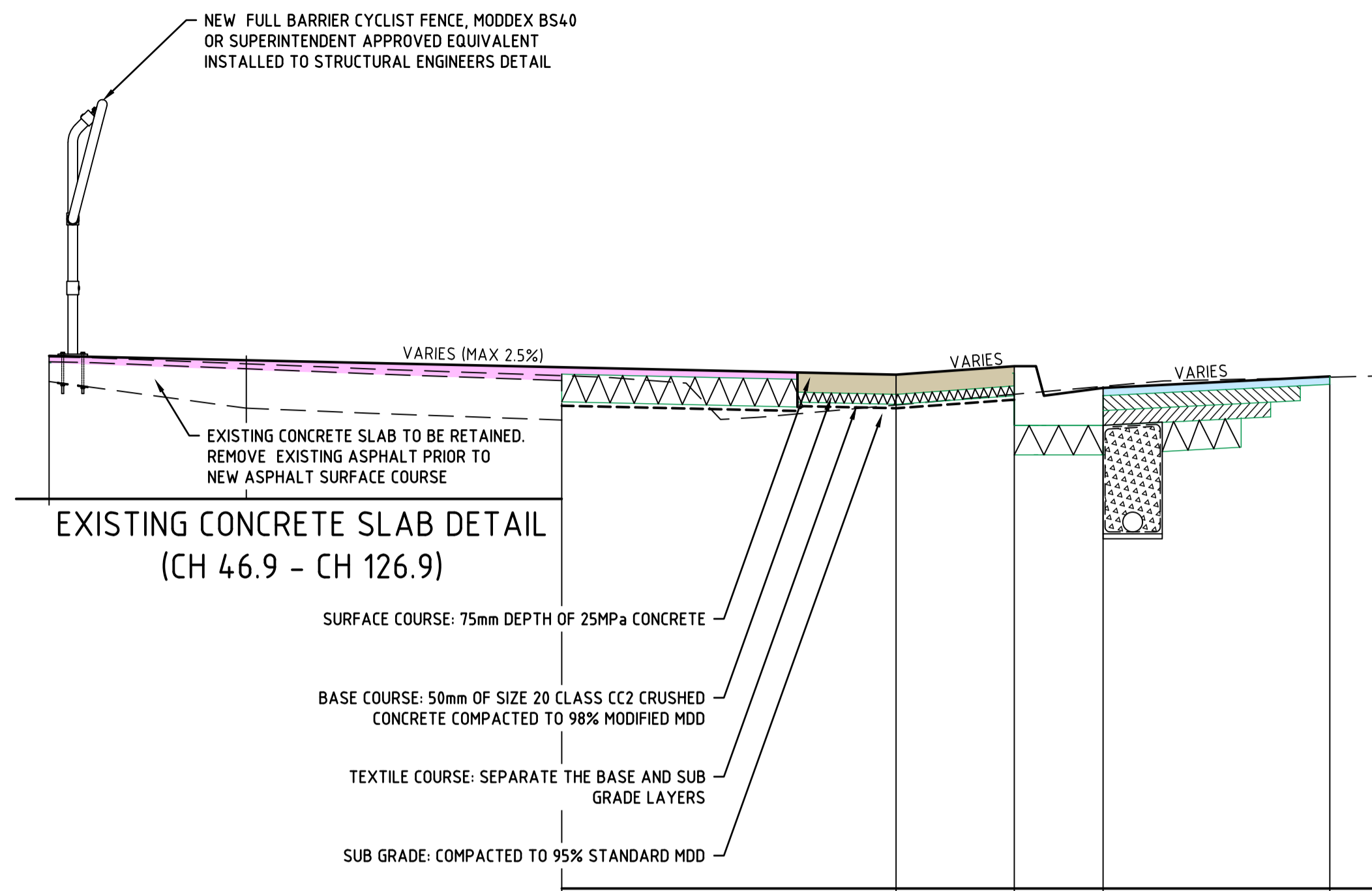
2020-007  
DRAWING NUMBER  
Cardno TGM REF No V200409



CONNECTION DETAIL - CYCLIST FENCE POST TO EXISTING SUSPENDED CONCRETE SLAB



EDGE RESTRAINT TYPE "E1M"



EXISTING CONCRETE FOOTPATH SLAB NOTES

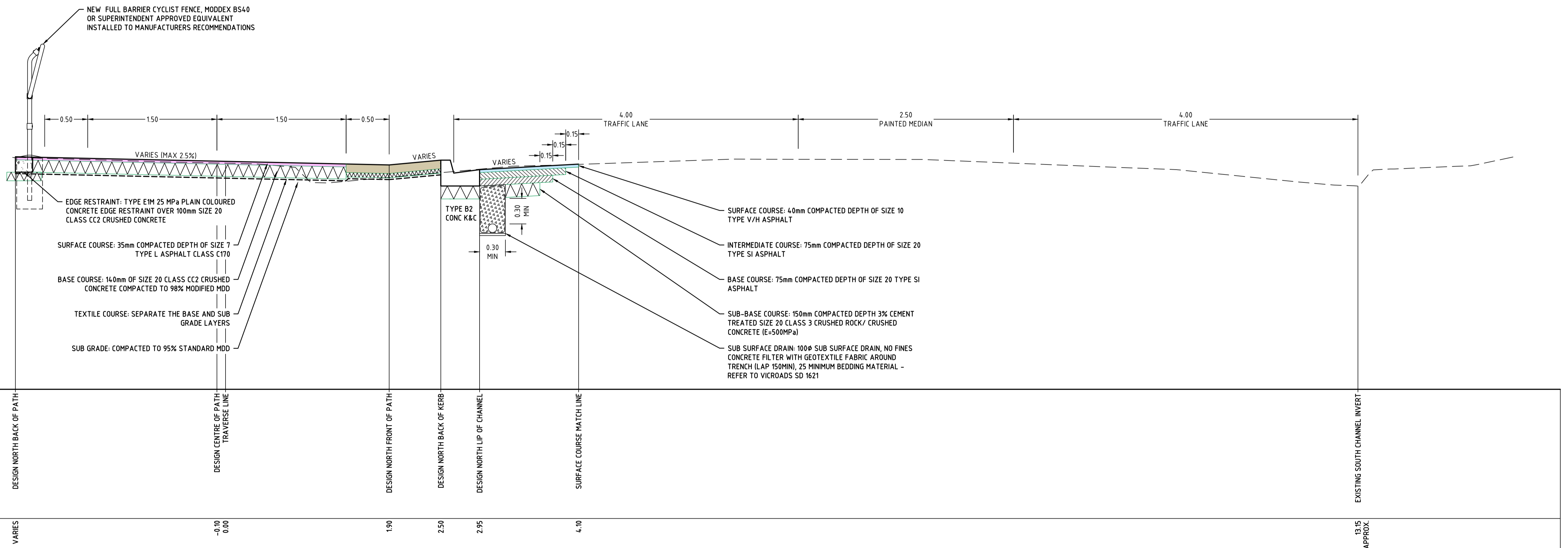
- REFER TO SITE INSPECTION S101 REPORT, CARDNO PROJECT No: 21111-04
- CONSTRUCTION LOADS ARE NOT EXCEED 5kPa FOR THE SECTION OF THE FOOTPATH WITHIN 1m FROM THE EDGE
- THE CONCRETE SLAB IS NOT TO BE CUT OR SCABBLED. ONCE THE BITUMEN IS REMOVED, AN INSPECTION OF THE CONCRETE SURFACE SHOULD BE CARRIED OUT TO CONFIRM THE STRUCTURAL CONDITION OF THE SLAB SURFACE, AND IF THE SLAB NEEDS TO BE SEALED PRIOR TO A NEW BITUMEN LAYER

PAVEMENT CONSTRUCTION NOTES

- DO NOT SCALE FROM THIS DRAWING
- REFER TO PAVEMENT PLAN FOR EXTENTS OF PAVEMENTS
- SUB-SURFACE DRAINS TO BE INSTALLED IN ACCORDANCE WITH VIC ROAD STANDARDS DRG SD1601, SD1611, SD1621, SD1631 AND SD1641
- GRANULAR FILTER MATERIAL TO SUB-SURFACE DRAINS IS TO CLASS 1A FILTER MATERIAL OR APPROVED EQUIVALENT
- ANY SUB-SURFACE DRAIN AT WIDENING INTERFACE POINTS IS TO BE NO FINES CONCRETE (WITH 4% CEMENT AND COMPACTED)
- MINIMUM GRADE OF SUB-SURFACE DRAINS IS 1 IN 200
- AT ALL INTERFACES WITH EXISTING PAVEMENT HEAVY TACK COAT EMULSION IS REQUIRED
- CONTRACTOR TO ENSURE BEDDING TO CONNECT INTO EXISTING BASE. TO ENABLE SUB-SURFACE FLOW. BEDDING THICKNESS TO BE INCREASED TO MATCH EXISTING PAVEMENT FORMATION AS REQUIRED

KERBING

- ALL KERBING TO BE INSTALLED AS PER VIC ROAD STANDARDS AS PER STANDARD DETAIL SD2001, SD2002, SD2011, SD2012 AND SD2021



TYPICAL CROSS SECTION

CONSTRUCTION ISSUE

ISSUE 05

EXISTING LEGEND	
PERMANENT SURVEY MARK	ELECTRICITY PIT
SURVEY STATION	ELECTRICITY POLE
TRaverse LINE	ELECTRICITY POLE & LIGHT
Electricity Cable	STAY ANCHOR
Gas Main	TRAM POLE
Sewer Main	TRAM POLE & LIGHT
Telecom Cable	TL TRAFFIC LIGHT
Water Main	TC TRAFFIC SIGNAL COVERS
Drainage Line	TS TRAFFIC SIGNAL BOX
Property Stormwater	TP TRAFFIC / PARKING SIGN
Junction Pit	BOLLARD
Grated Pit	
Sewer Vent	SEWER VENT
Fire Plug	SEWER MANHOLE / IO
Fire Hydrant	FP FIRE PLUG
Water Valve	OH FIRE HYDRANT
Gas Valve	OV WATER VALVE
Telecom Pit	GV GAS VALVE
Telecom Cabinet	GP TELECOM PIT
Public Telephone	GC TELECOM CABINET
Post Box	PT PUBLIC TELEPHONE
Litter Bin	PB POST BOX
Bench-Seat	LB LITTER BIN
	BS BENCH-SEAT

NUMBER	AMENDMENT DESCRIPTION	DATE	APPROVED BY
A	DOT (VICROADS) / COUNCIL COMMENTS	17-03-2021	J.P.

**Cardno TGM**  
 ABN 11 125 568 461  
 Level 4, 501 Swanston Street, Melbourne, VIC Australia 3000  
 Phone +61 3 8415 7777 Fax +61 3 8415 7788  
 Email: victoria@cardno.com.au Web: www.cardno.com

**City of STONNINGTON**  
 311 Glenferrie Road, Malvern VIC 3144  
 PO Box 58, Malvern 3144 Tel 8290 1333

Initials	Date	CAD Reference
Designed J.P.	18-08-2020	V200409-CI-1070-def
Drawn J.P.	18-08-2020	File Reference
Checked		Level Datum
Approved		A.H.D.
Design & Projects	Date	FB
Client	Date	LB

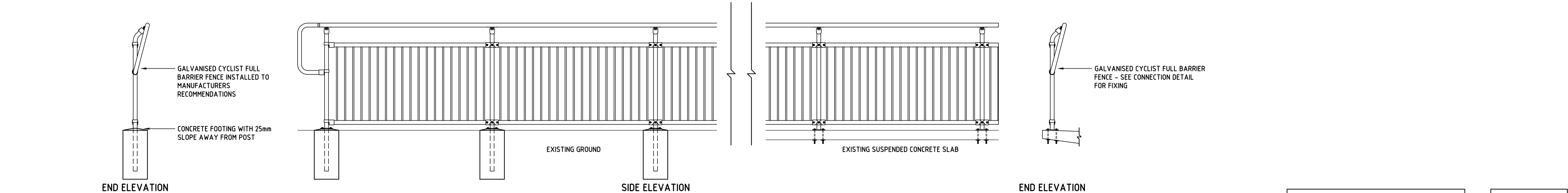
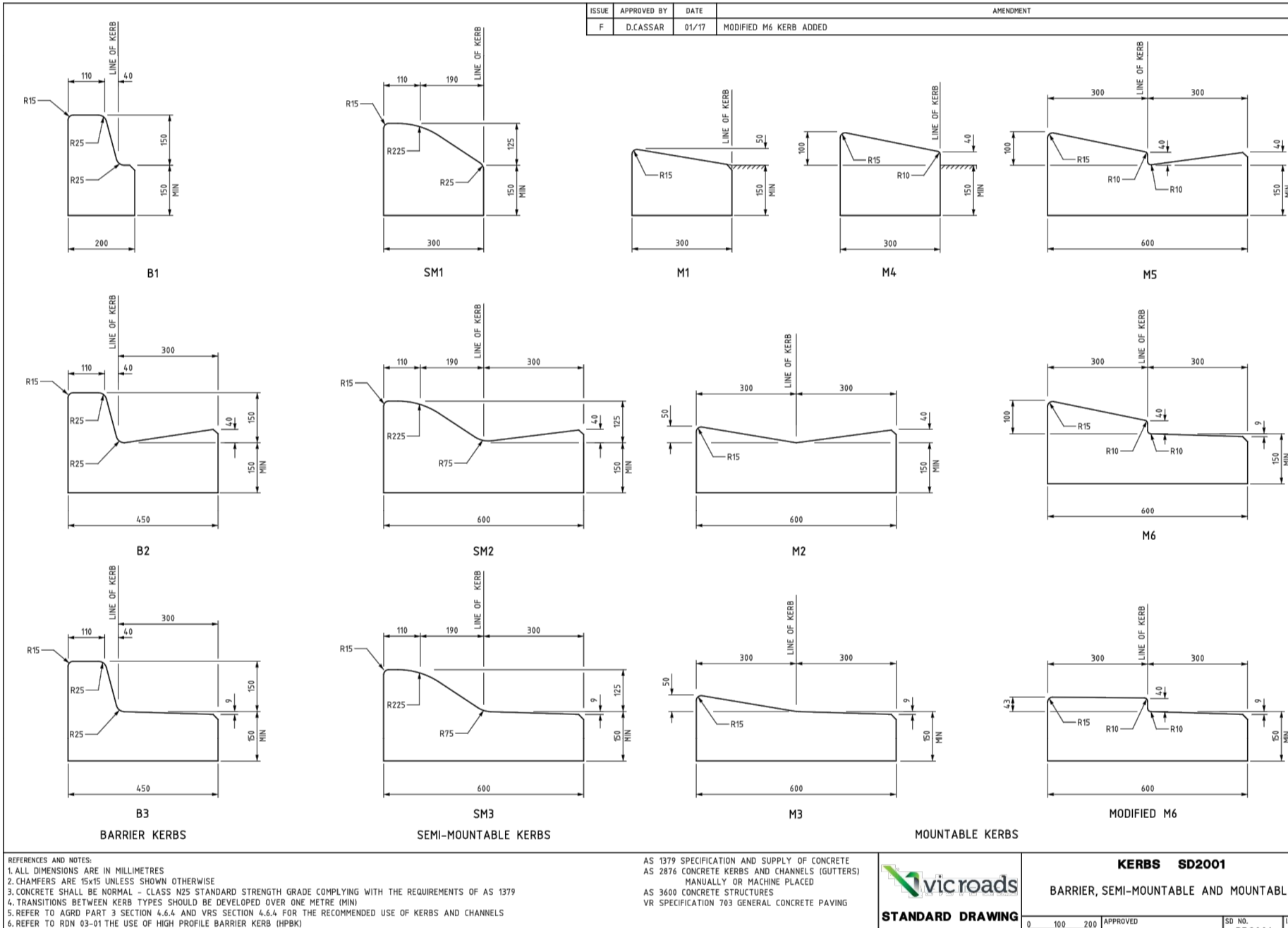
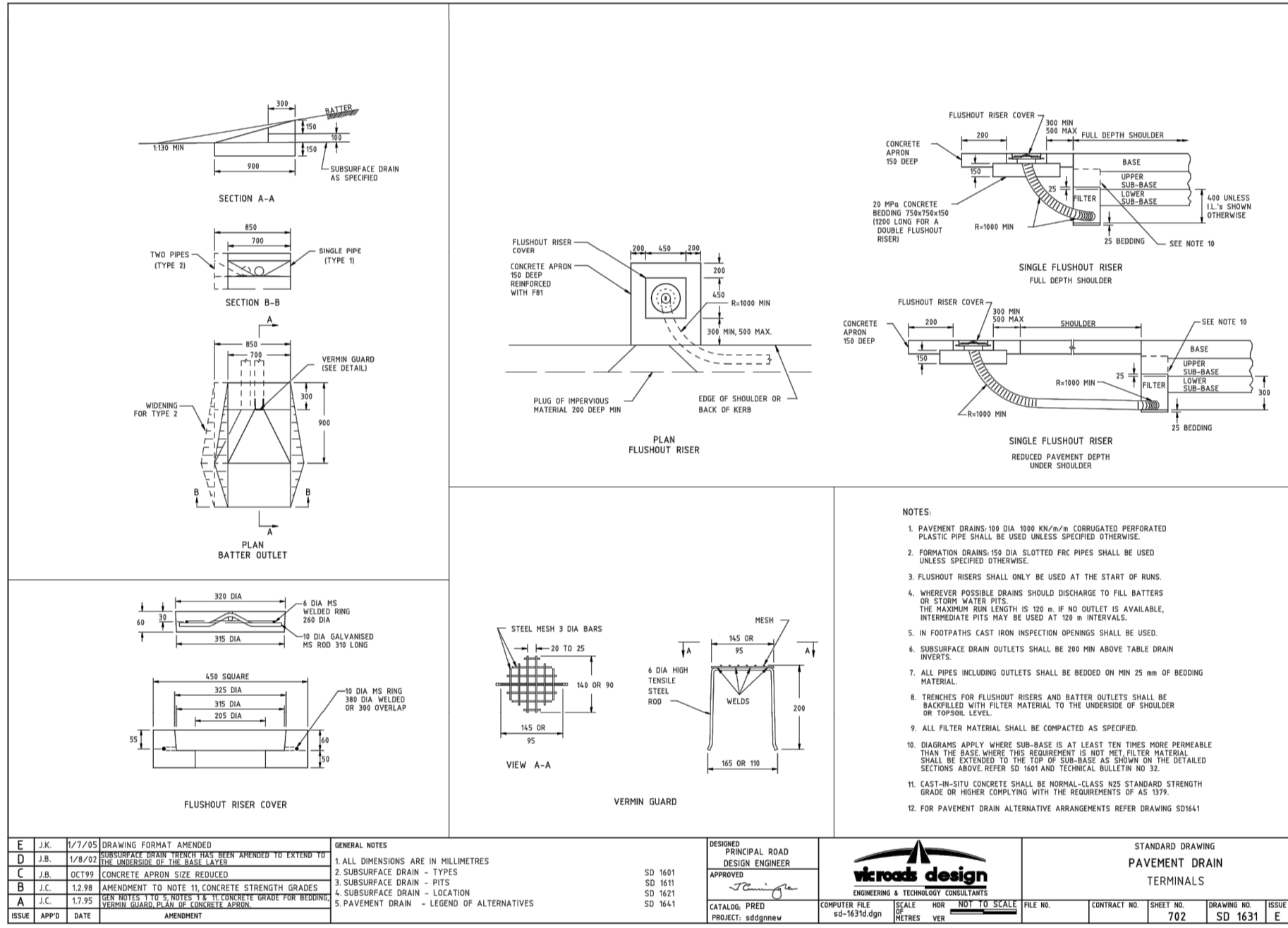
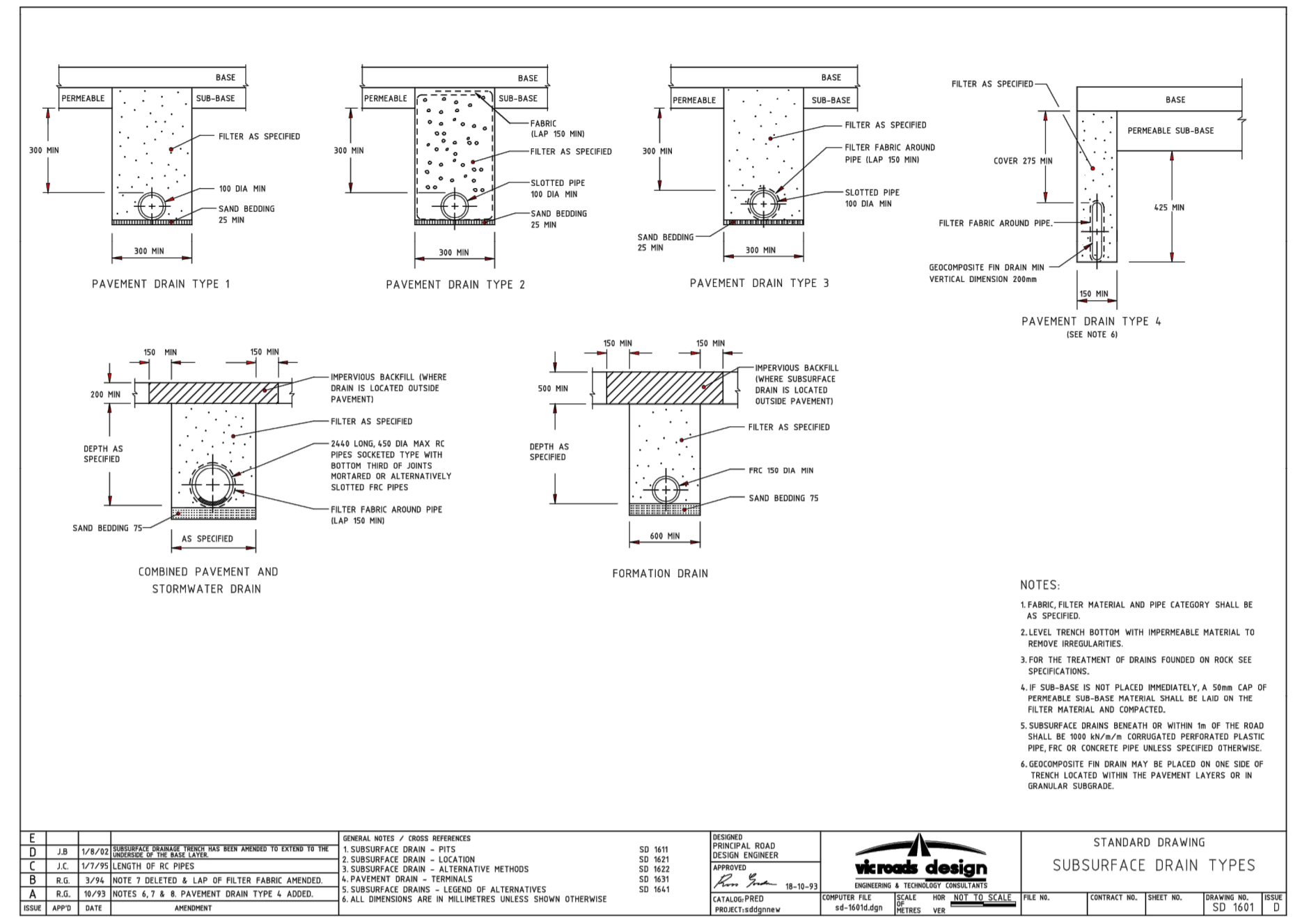
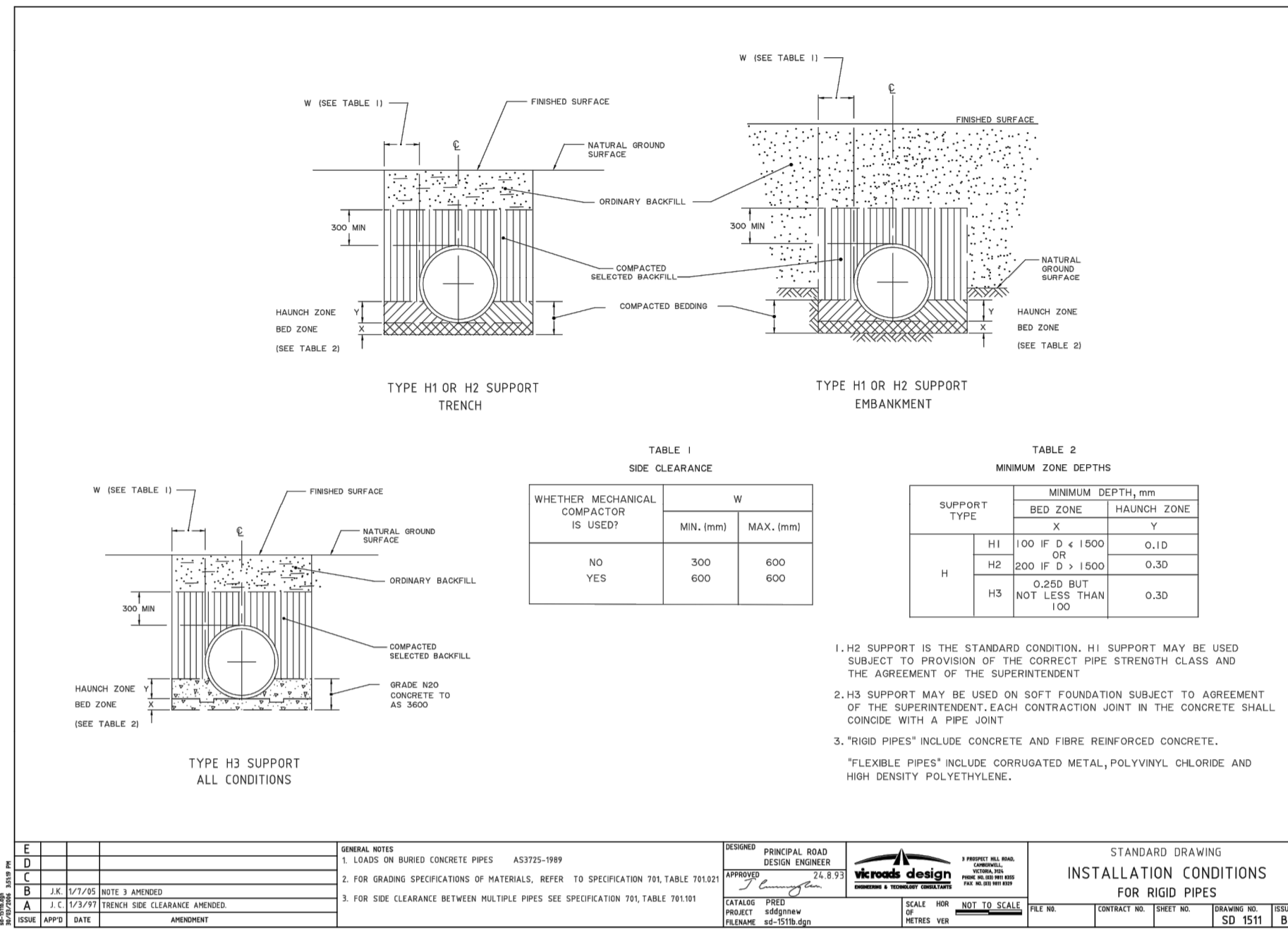
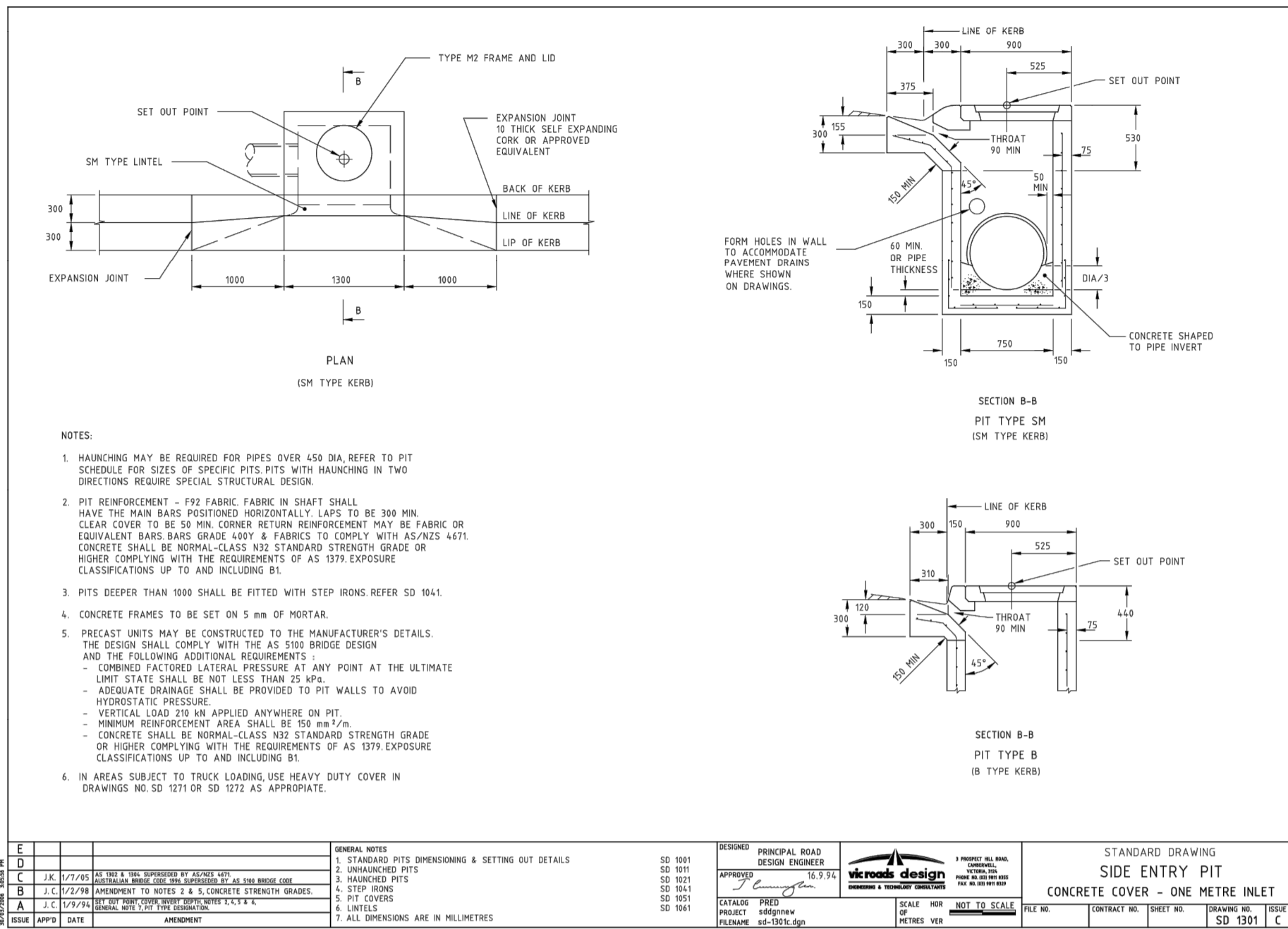
**YARRA MAIN TRAIL, TOORAK - SHARED PATH**  
 TYPICAL CROSS SECTIONS & DETAILS

SCALE: H: 1:25 @ A1  
 V: 1:25

DRAWING NUMBER: 2020-007  
 Amendment No: A  
 SHEET 06 of 12

2020-007  
 DRAMING NUMBER

Cardno TGM REF No V200409



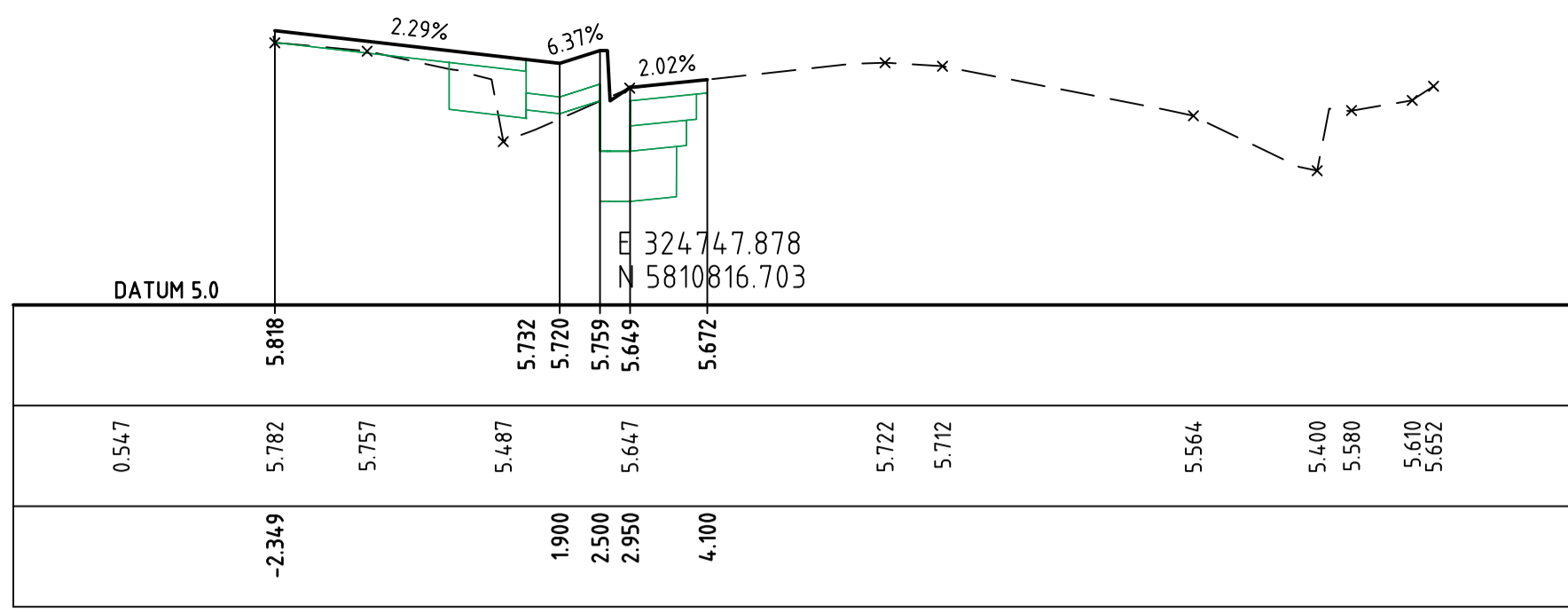
CONSTRUCTION ISSUE ISSUE 05

<b>EXISTING LEGEND</b> PERMANENT SURVEY MARK SURVEY STATION TRAVERSE LINE ELECTRICITY CABLE GAS MAIN SEWER MAIN TELECOM CABLE WATER MAIN DRAINAGE LINE PROPERTY STORMWATER JUNCTION PIT GRATED PIT	ELECTRICITY PIT ELECTRICITY POLE ELECTRICITY POLE & LIGHT STAY ANCHOR TRAM POLE TRAM POLE & LIGHT TRAFFIC LIGHT TRAFFIC SIGNAL COVERS TRAFFIC SIGNAL BOX TRAFFIC / PARKING SIGN BOLLARD	SEWER VENT SEWER MANHOLE / IO FIRE PLUG FIRE HYDRANT WATER VALVE GAS VALVE TELECOM PIT TELECOM CABINET PUBLIC TELEPHONE POST BOX LITTER BIN BENCH-SEAT	ELECTRICITY PIT ELECTRICITY POLE & LIGHT TRAM POLE & LIGHT TRAFFIC LIGHT TRAFFIC SIGNAL COVERS TRAFFIC SIGNAL BOX TRAFFIC / PARKING SIGN BOLLARD	DOT (VICROADS) COMMENTS 05-07-21 JP	Approved DATE: 05-07-21 BY: JP	<b>Cardno TGM</b> Level 4, 501 Swanston Street, Melbourne, VIC Australia 3000 Phone: +61 3 8415 7777 Fax: +61 3 8415 7788 Email: victoria@cardno.com.au Web: www.cardno.com	ABN 11 125 568 461 311 Glenferrie Road, Malvern VIC 3144 PO Box 58, Malvern 3144 Tel 8290 1333	City of STONNINGTON	Design & Projects Date: 18-08-2020 Client:	Initials: J.P. Date: 18-08-2020	CAD Reference: V200409-CL-1070-de1 File Reference: - Level Datum: A.H.D. FB: - LB: -	<b>YARRA MAIN TRAIL, TOORAK - SHARED PATH</b> CIVIL DETAILS	SCALE: H: 1:100 @ A1 V: 1:20	DRAWING NUMBER: 2020-007 Amendment No.: SHEET 07 of 12	2020-007 DRAWING NUMBER

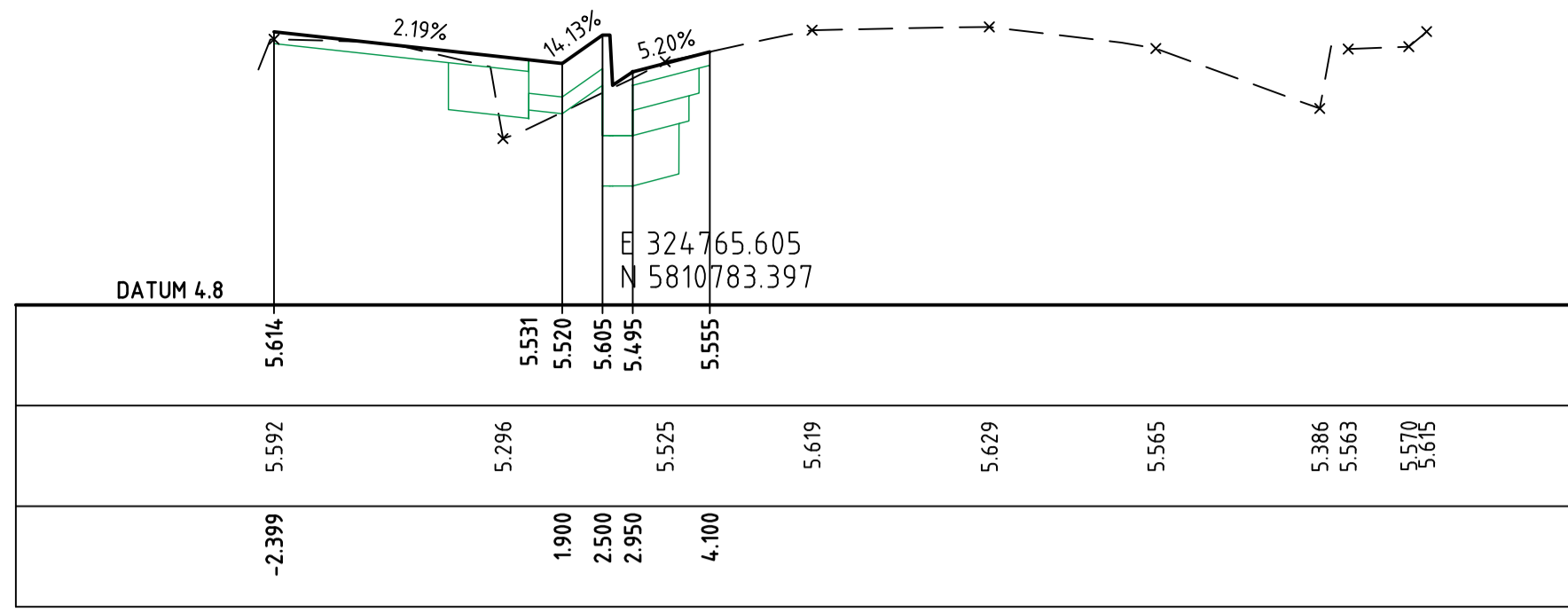
Cardno TGM REF NO V200409



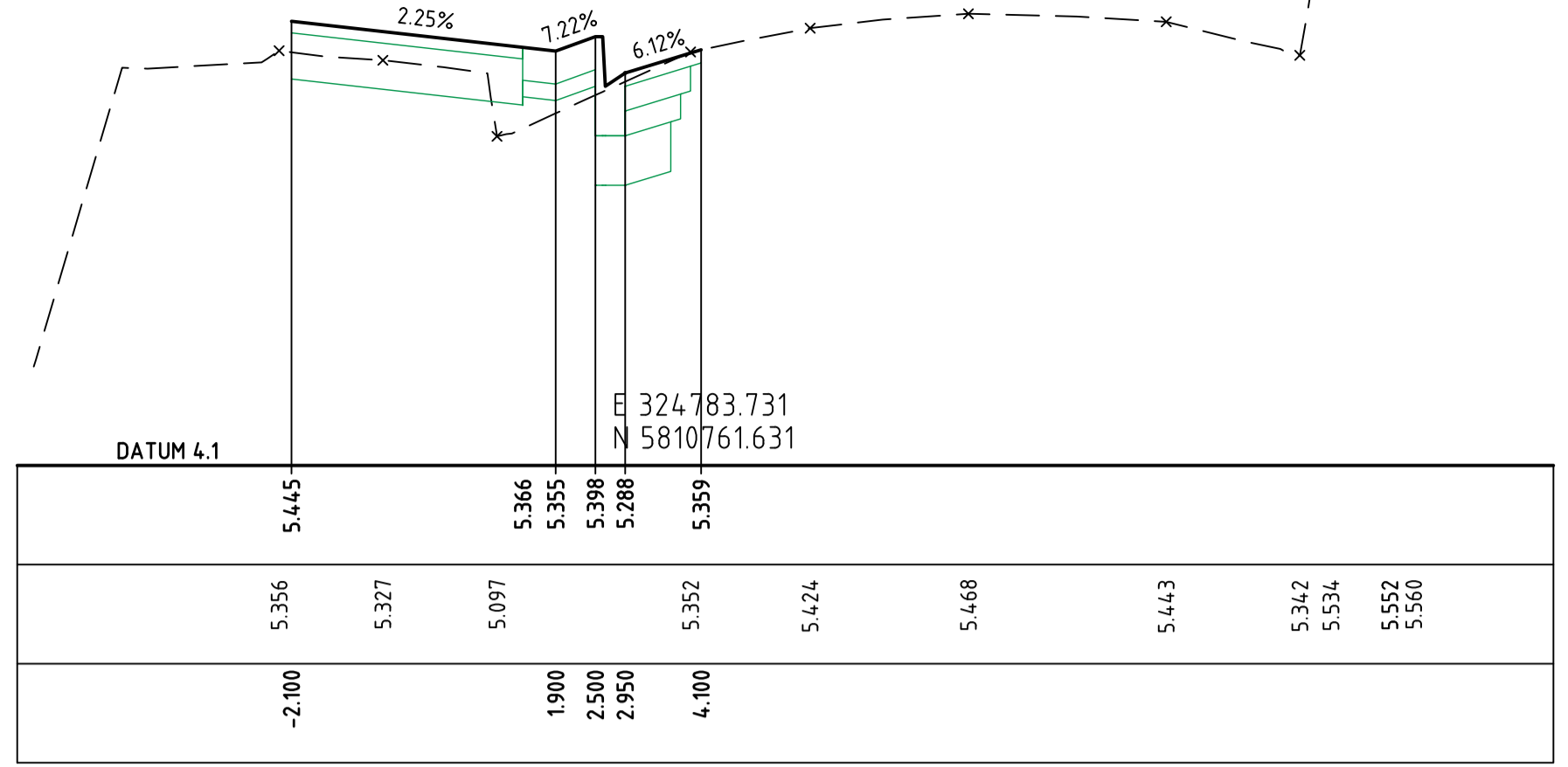




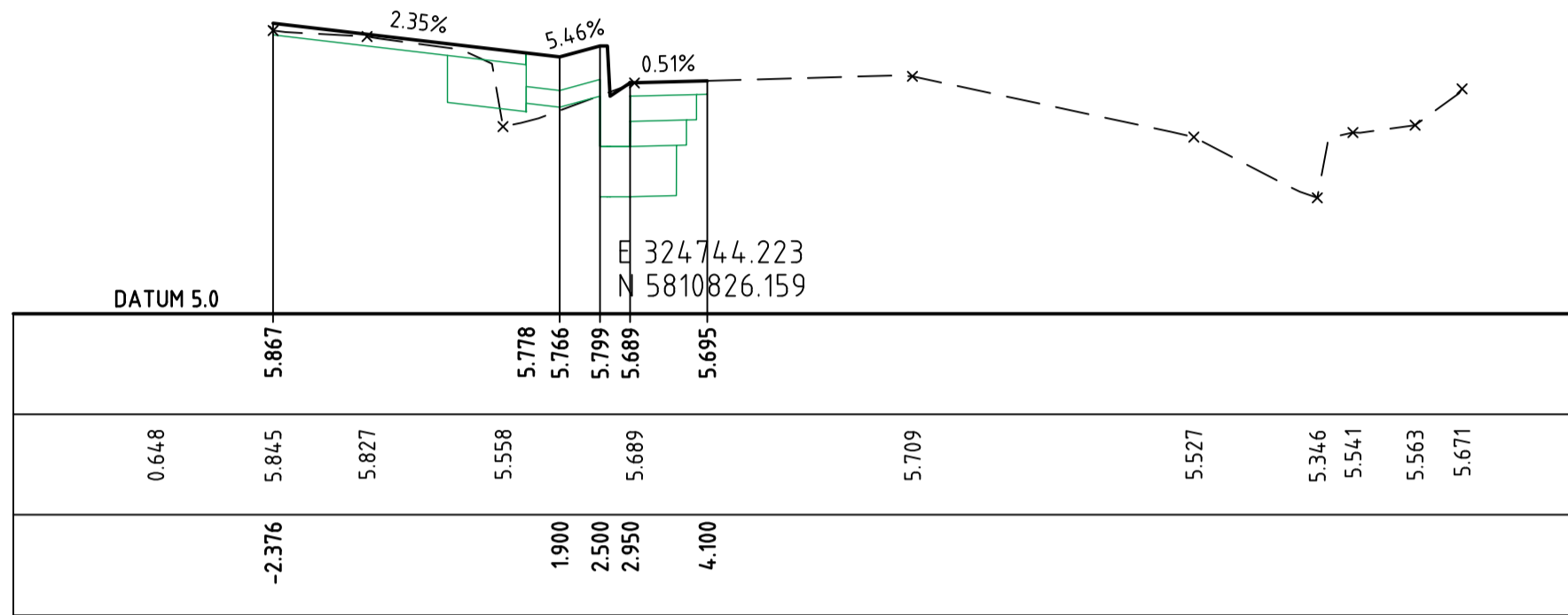
CH 85.85



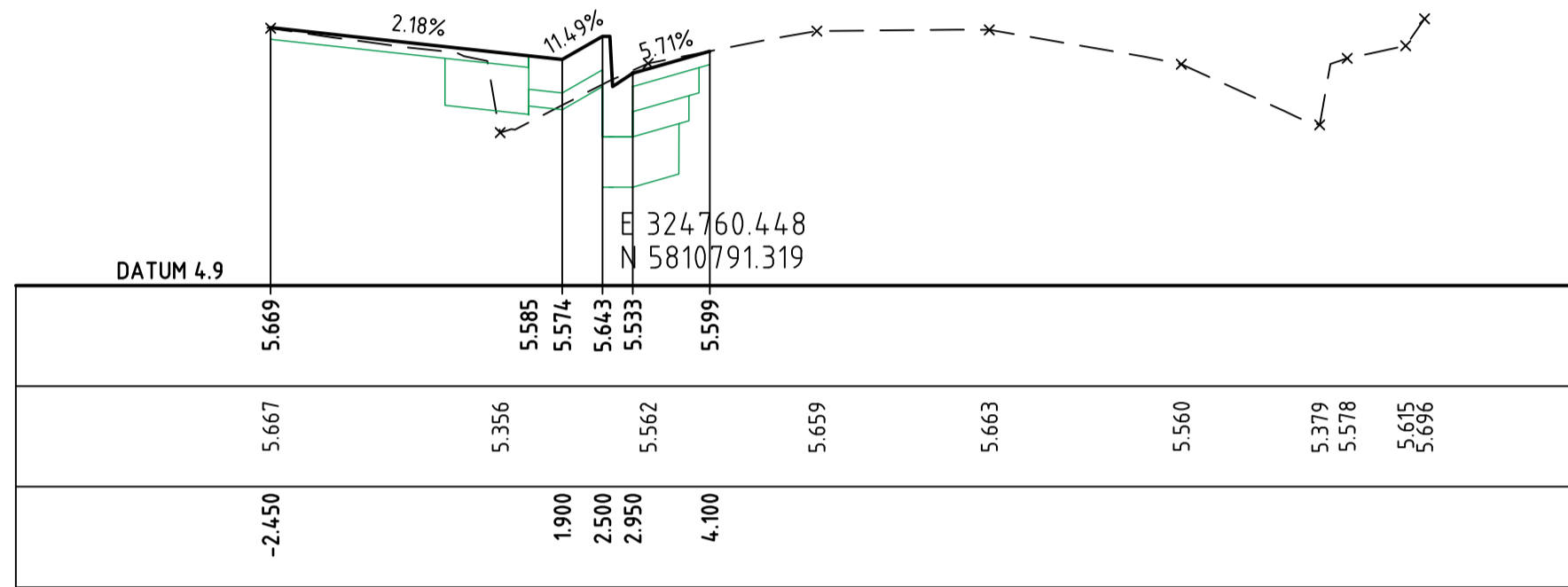
CH 123.67



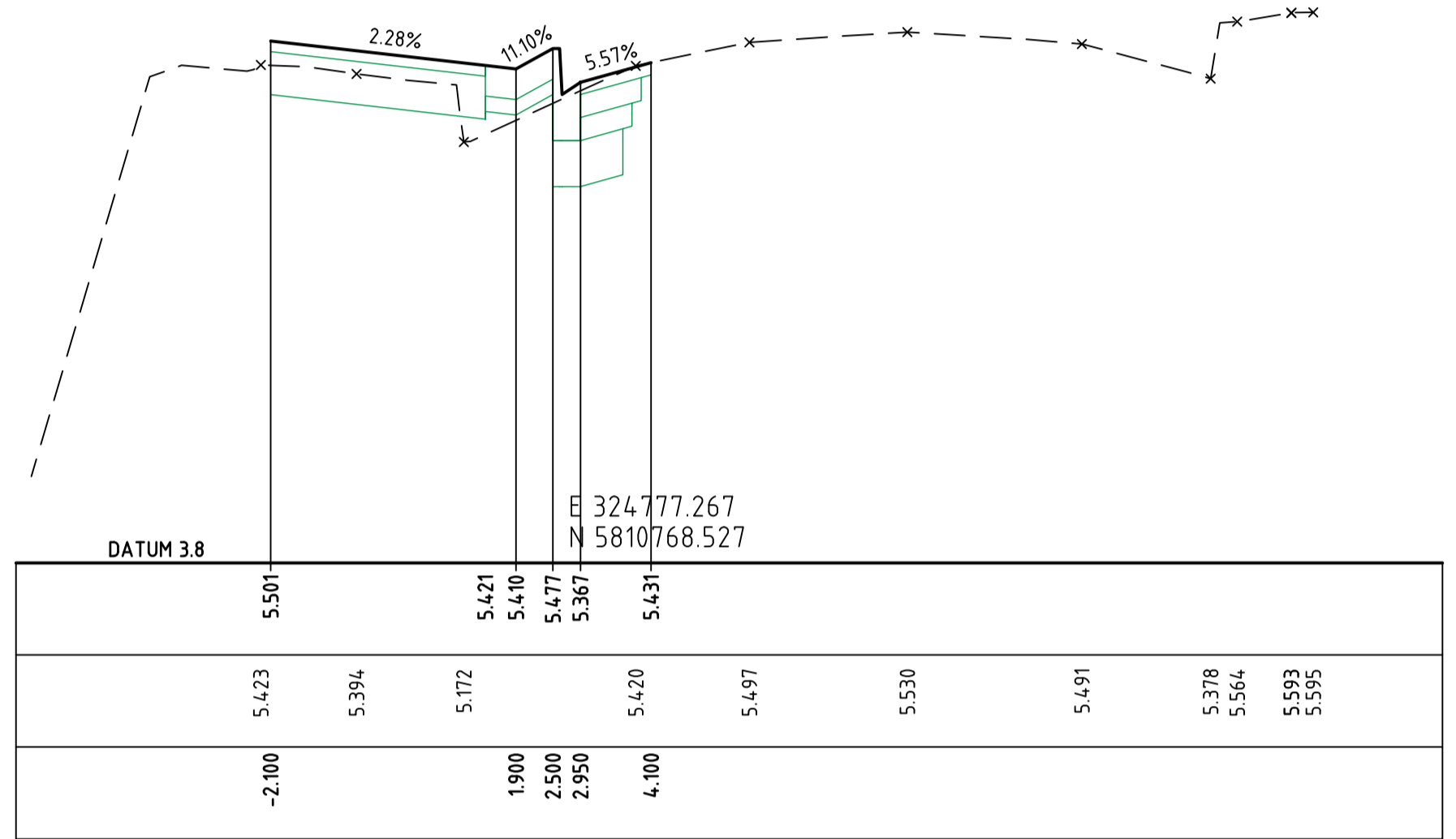
CH 152.03



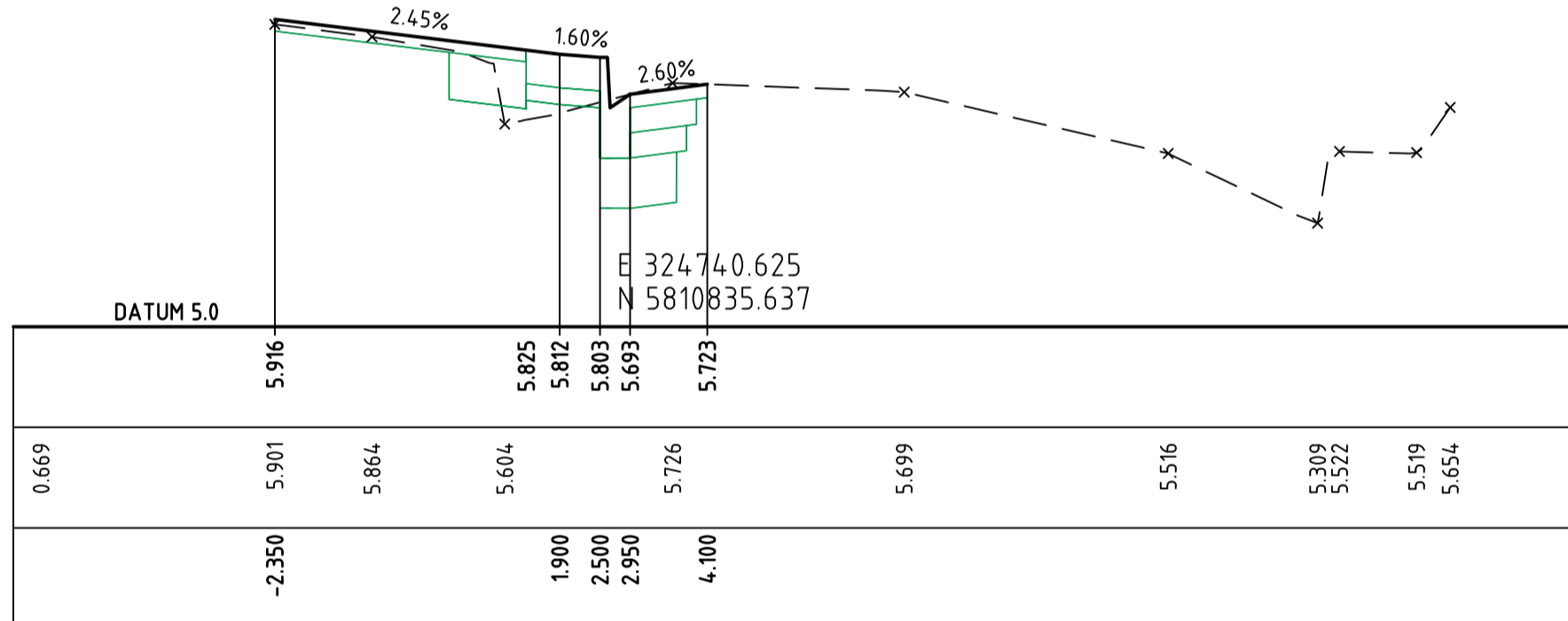
CH 75.72



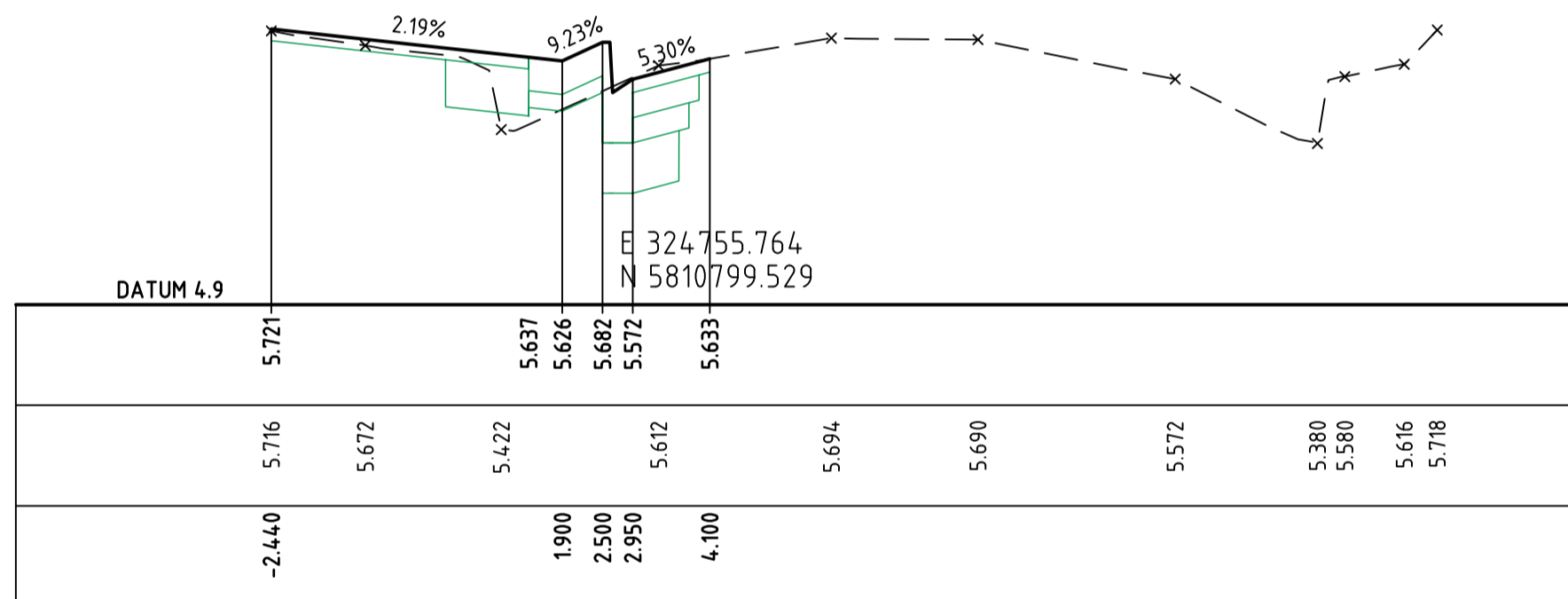
CH 114.22



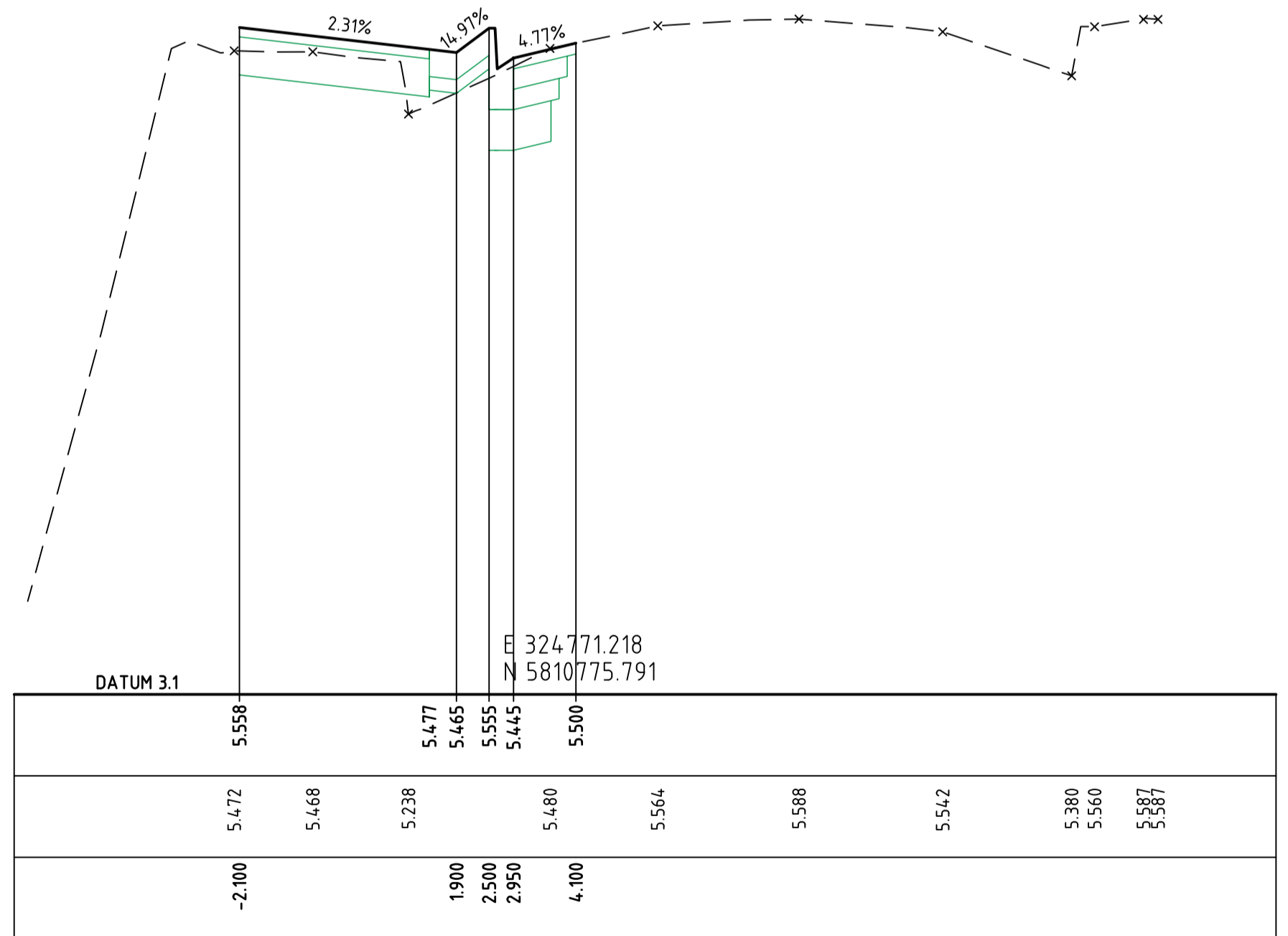
CH 142.58



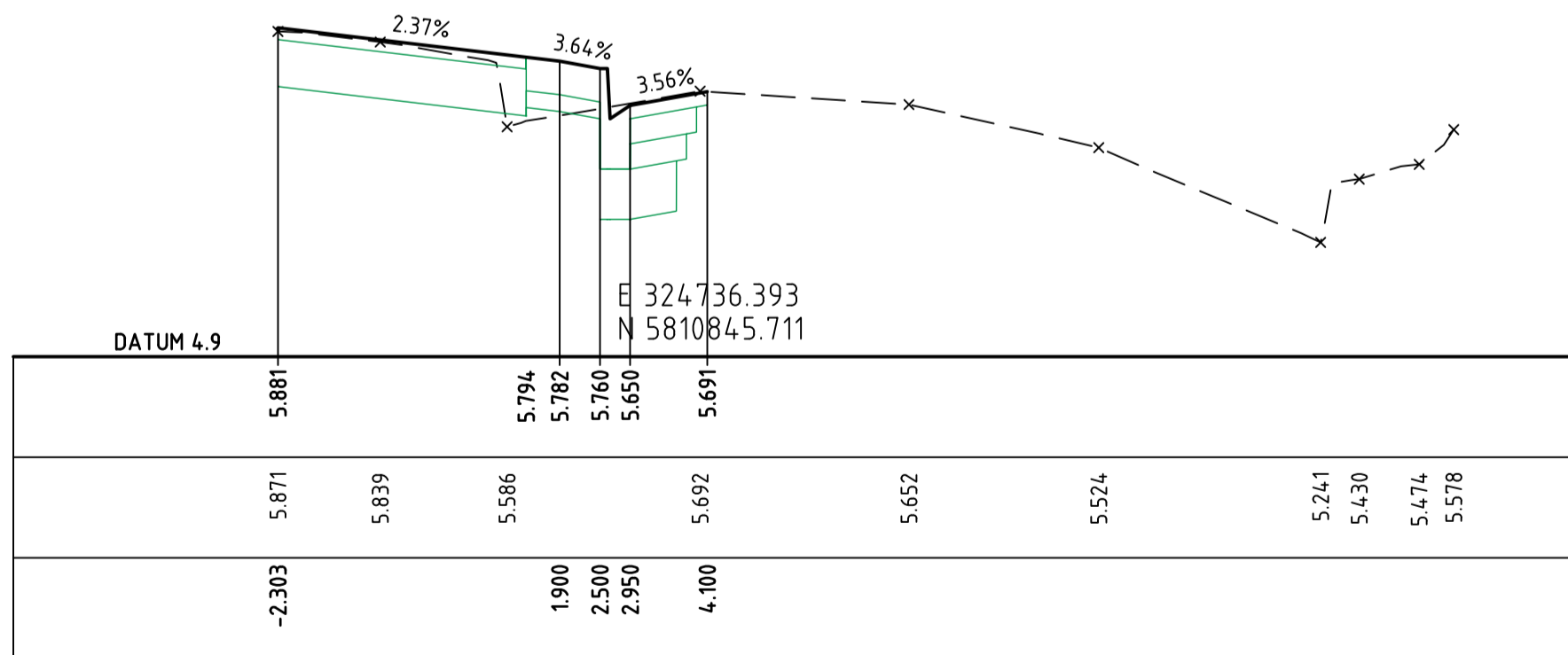
CH 65.58



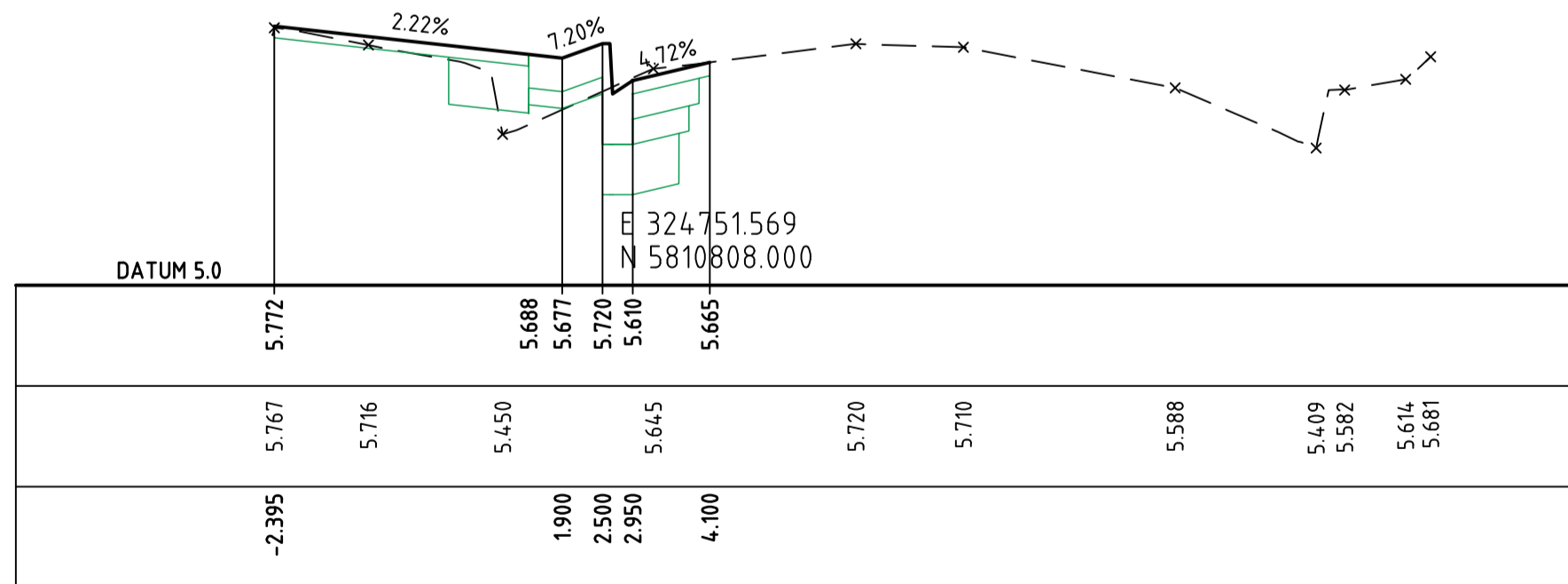
CH 104.76



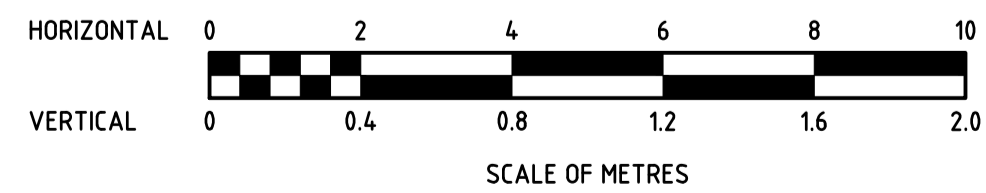
CH 133.12



CH 54.65

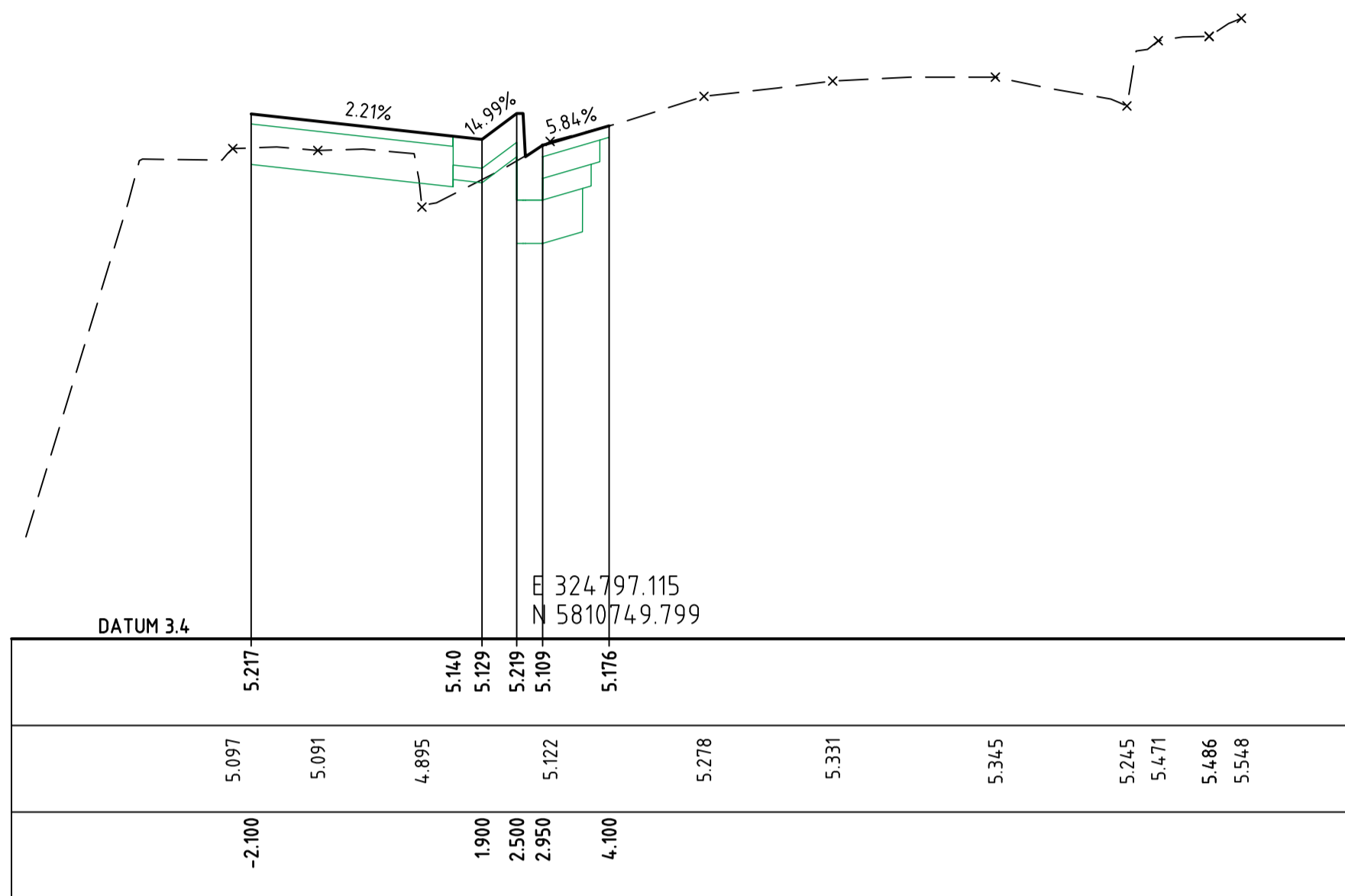


CH 95.31

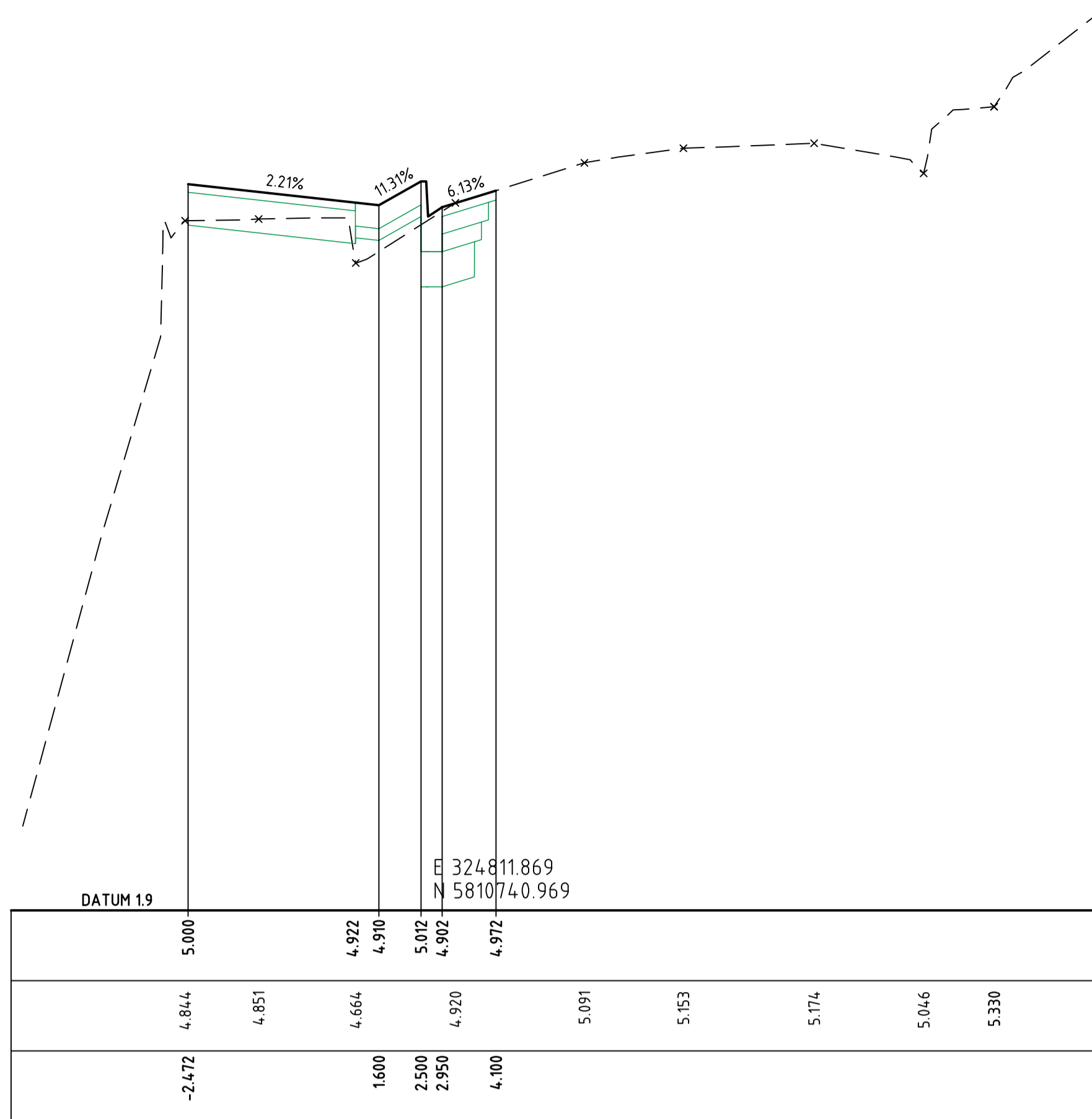


CONSTRUCTION ISSUE ISSUE 05

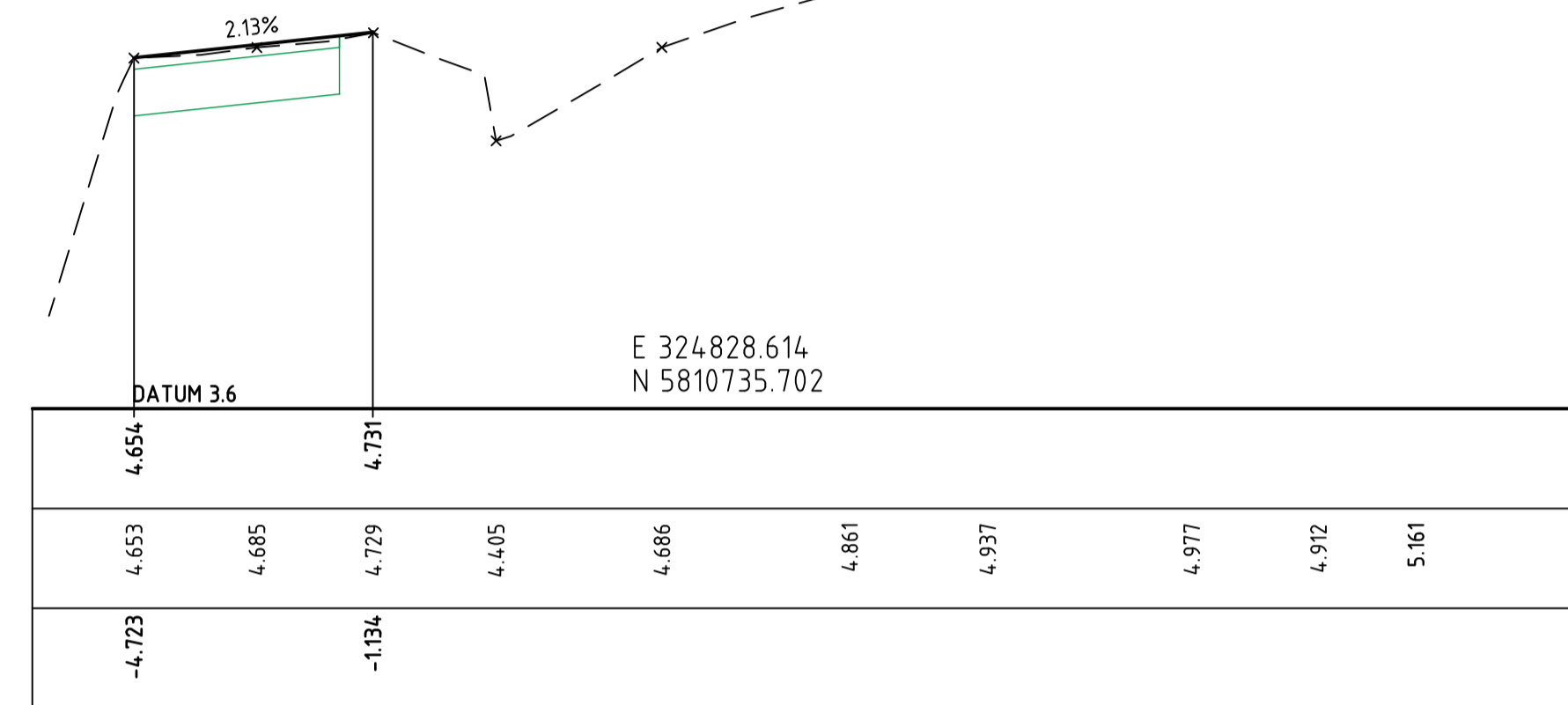
<b>EXISTING LEGEND</b> PERMANENT SURVEY MARK SURVEY STATION TRAVERSE LINE ELECTRICITY CABLE GAS MAIN SEWER MAIN TELECOM CABLE WATER MAIN DRAINAGE LINE STORMWATER JUNCTION PIT GRATED PIT	ELECTRICITY PIT ELECTRICITY POLE ELECTRICITY POLE & LIGHT STAY ANCHOR TRAM POLE TRAM POLE & LIGHT TRAFFIC LIGHT TRAFFIC SIGNAL COVERS TRAFFIC SIGNAL BOX TRAFFIC / PARKING SIGN BOLLARD	SEWER VENT SEWER MANHOLE / IO FIRE PLUG FIRE HYDRANT WATER VALVE GAS VALVE TELECOM PIT TELECOM CABINET PUBLIC TELEPHONE POST BOX LITTER BIN BENCH-SEAT	B DOT (VICROADS) COMMENTS 05-07-2021 J.P.	Initials J.P. Date 18-08-2020	CAD Reference V200409-CI-1090-xs	<b>YARRA MAIN TRAIL, TOORAK - SHARED PATH</b> PATH CROSS SECTIONS 2	<b>2020-007</b> DRAWING NUMBER
			A DOT (VICROADS) / COUNCIL / RSA COMMENTS 17-03-2021 J.P.	Approved Design & Projects Date	Level Datum A.H.D.		
<b>Cardno TGM</b> Level 4, 501 Swanston Street, Melbourne, VIC Australia 3000 Phone +61 3 8415 7777 Fax +61 3 8415 7788 Email: victoria@cardno.com.au Web: www.cardno.com			City of STONNINGTON 311 Glenferrie Road, Malvern VIC 3144 PO Box 58, Malvern 3144 Tel 8290 1333	Client Date	Drawing Number 2020-007	SHEET 09 of 12	2020-007 DRAWING NUMBER



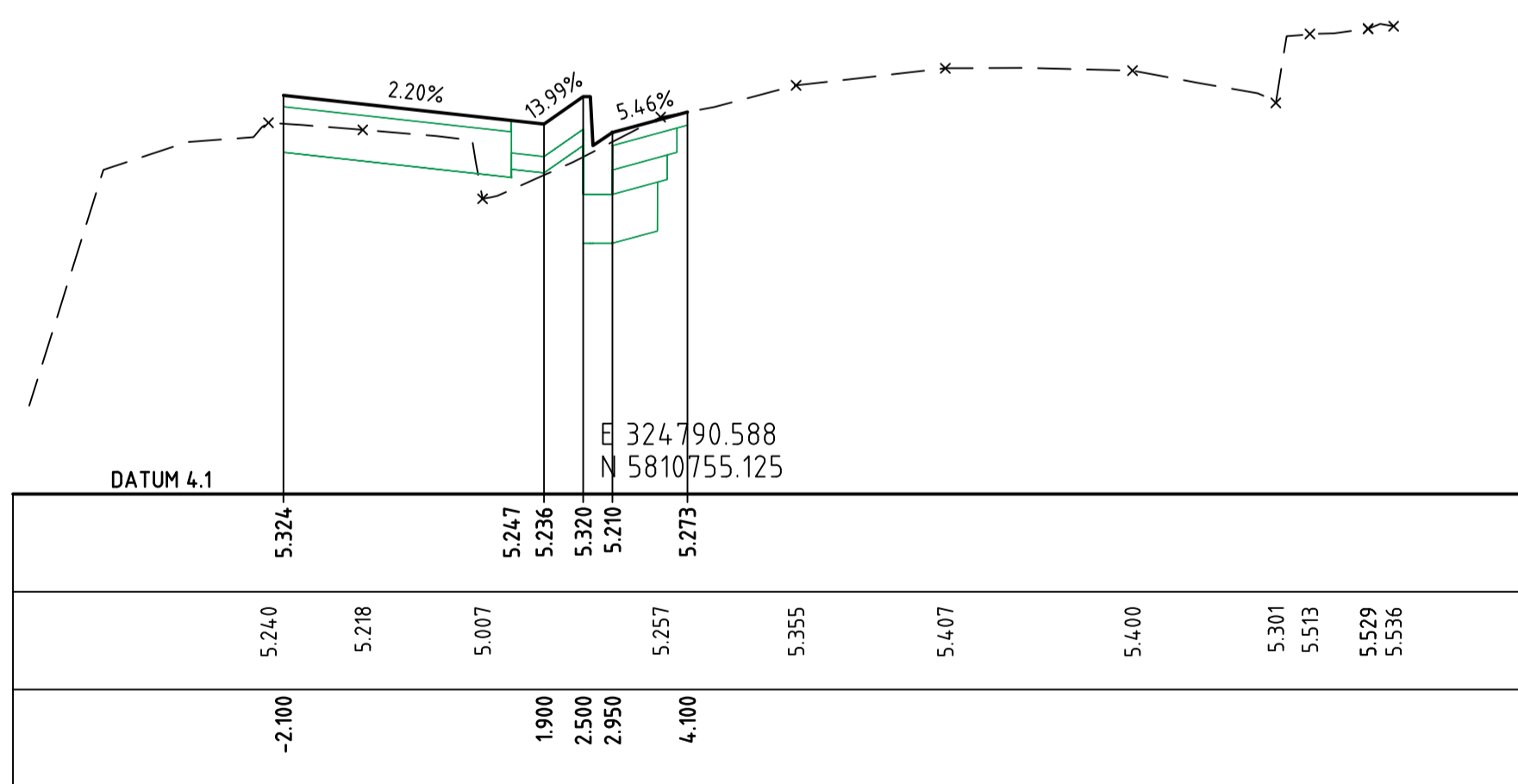
CH 169.91



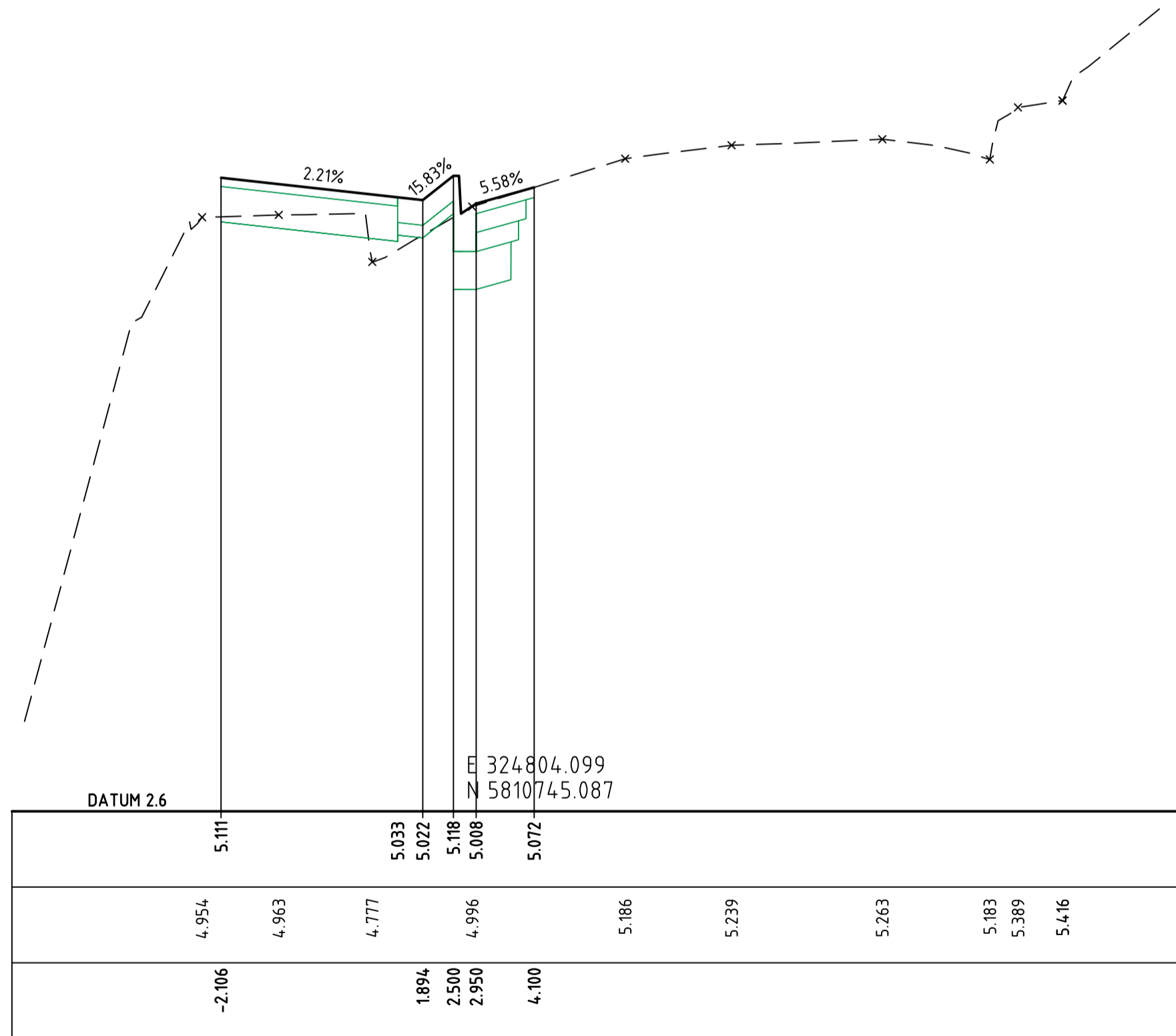
CH 187.14



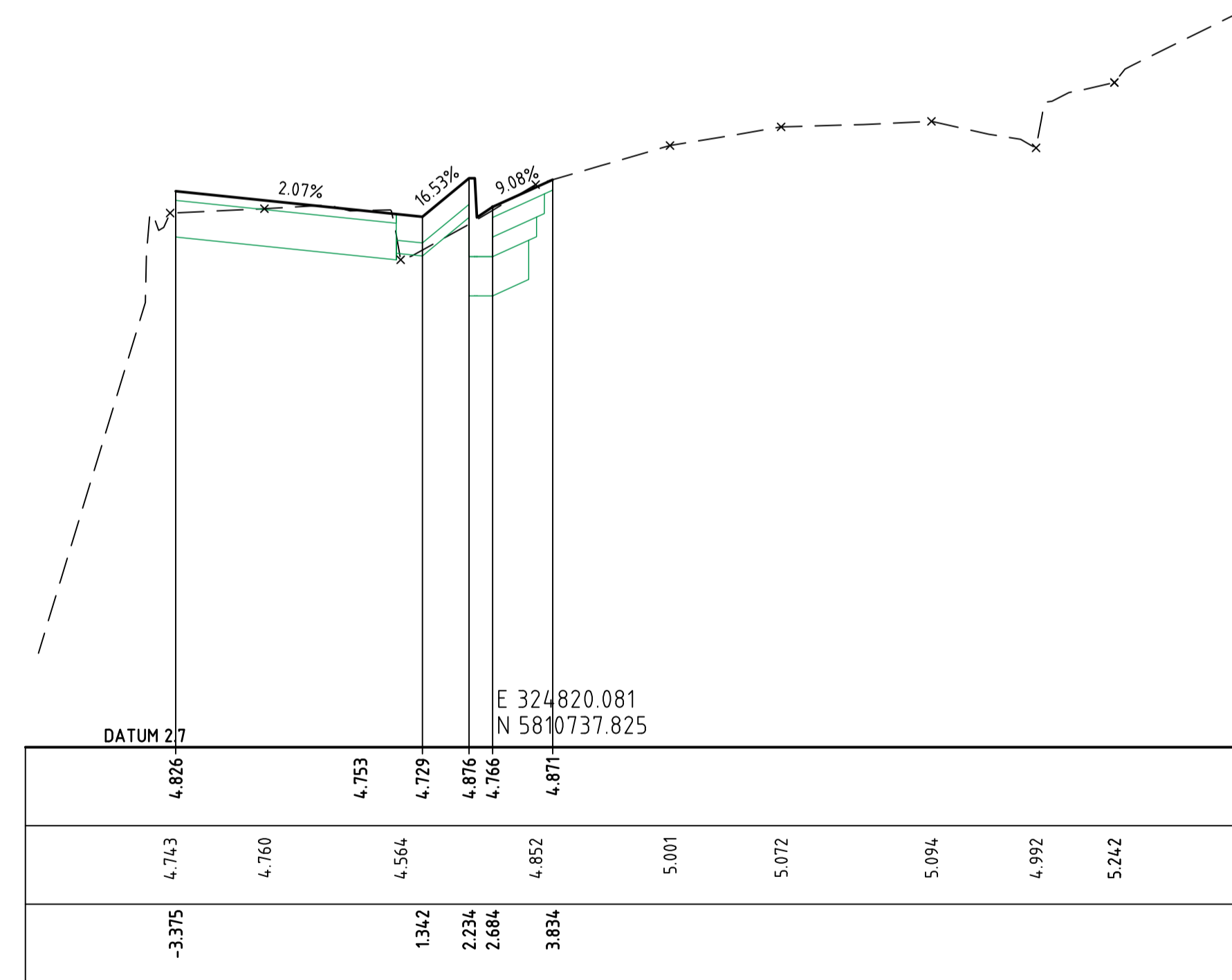
CH 204.74



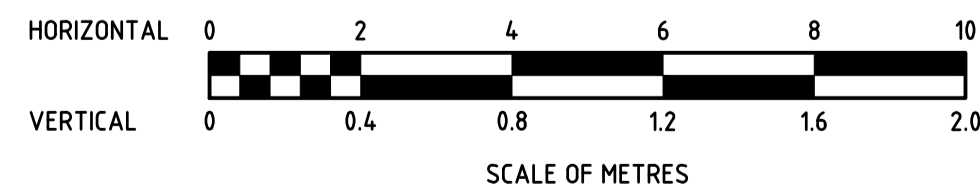
CH 161.49



CH 178.34



CH 195.94



CONSTRUCTION ISSUE ISSUE 05

EXISTING LEGEND	
▲ PERMANENT SURVEY MARK	○ ELECTRICITY PIT
○ SURVEY STATION	○ ELECTRICITY POLE
--- TRAVERSE LINE	○ ELECTRICITY POLE & LIGHT
--- ELECTRICITY CABLE	○ STAY ANCHOR
--- GAS MAIN	○ TRAM POLE
--- SEWER MAIN	○ TRAM POLE & LIGHT
--- TELECOM CABLE	○ TRAFFIC LIGHT
--- WATER MAIN	○ TRAFFIC SIGNAL COVERS
--- DRAINAGE LINE	○ TRAFFIC SIGNAL BOX
--- PROPERTY STORMWATER	○ TRAFFIC / PARKING SIGN
○ JUNCTION PIT	○ BOLLARD
○ GRATED PIT	
○ SEWER VENT	○ SEWER MANHOLE / IO
○ FIRE PLUG	○ FIRE HYDRANT
○ WATER VALVE	○ GAS VALVE
○ TELECOM PIT	○ TELECOM CABINET
○ PUBLIC TELEPHONE	○ POST BOX
○ LITTER BIN	○ BENCH-SEAT

NUMBER	AMENDMENT DESCRIPTION	DATE	APPROVED BY
B	DOT (VICROADS) COMMENTS	05-07-2021	J.P.
A	DOT (VICROADS) / COUNCIL / RSA COMMENTS	17-03-2021	J.P.

**Cardno TGM**  
 ABN 11 125 568 461  
 Level 4, 501 Swanston Street, Melbourne, VIC Australia 3000  
 Phone +61 3 8415 7777 Fax +61 3 8415 7788  
 Email: victoria@cardno.com.au Web: www.cardno.com

**City of STONNINGTON**  
 311 Glenferrie Road, Malvern VIC 3144  
 PO Box 58, Malvern 3144 Tel 8290 1333

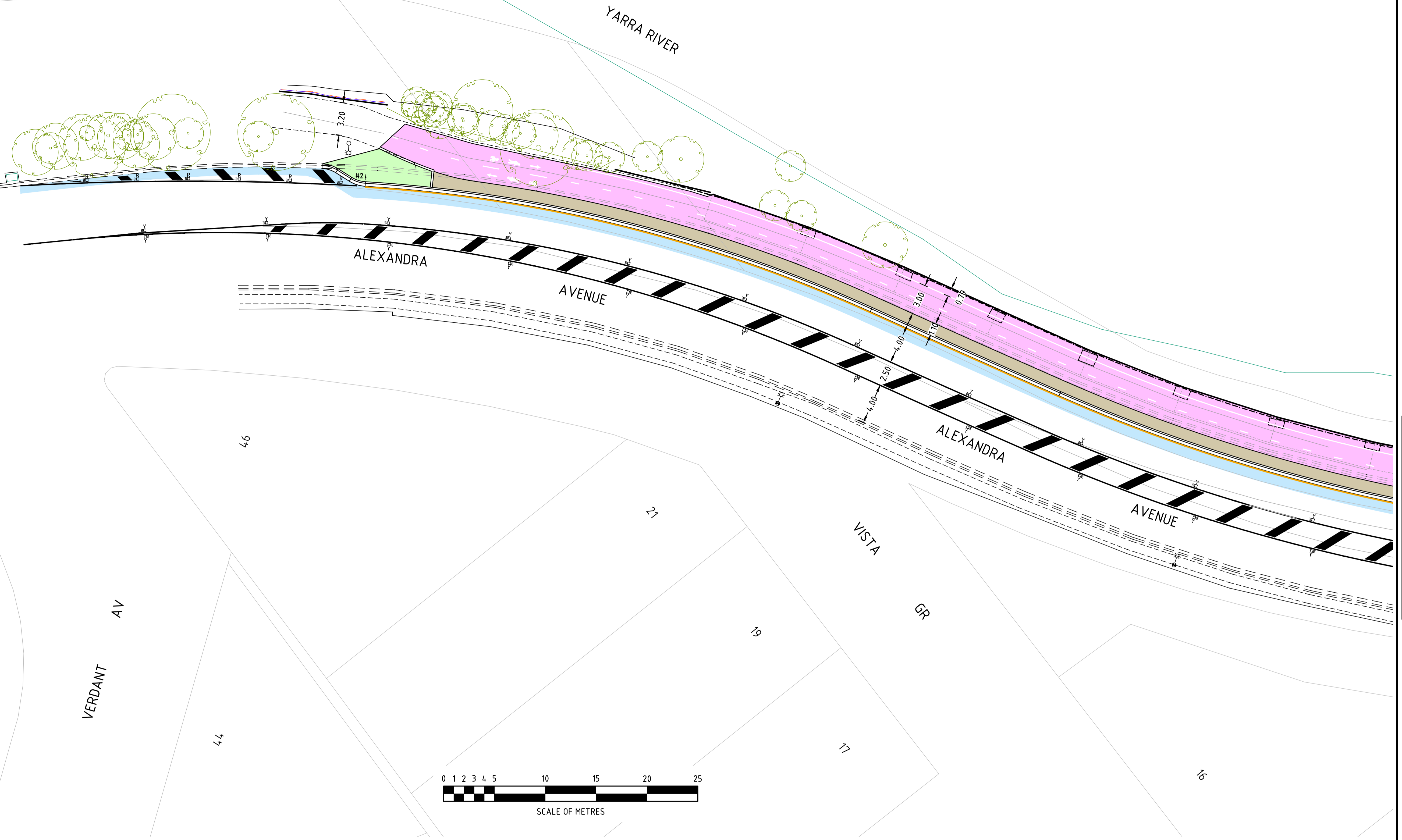
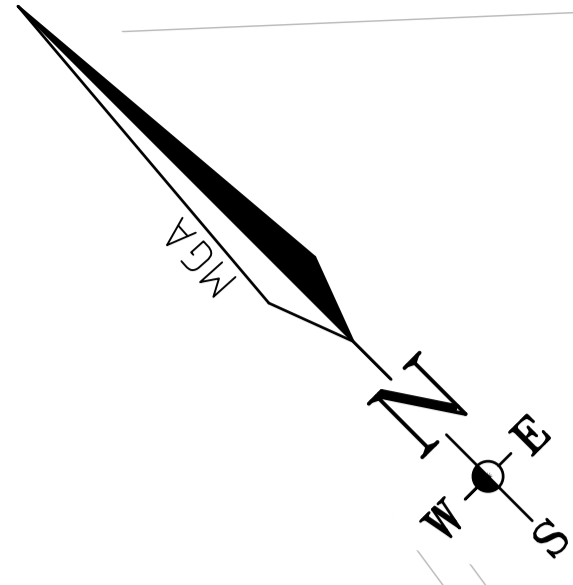
Initials	Date
Designed J.P.	18-08-2020
Drawn J.P.	18-08-2020
Checked	
Approved	
Design & Projects	Date
Client	Date

**YARRA MAIN TRAIL, TOORAK - SHARED PATH**  
 PATH CROSS SECTIONS 3

SCALE: H. 1:100 @ A1  
 V. 1:20

DRAWING NUMBER 2020-007  
 Amendment No. A B C D  
 SHEET 10 of 12

2020-007  
 DRAWING NUMBER



**PAVEMENT MARKING LEGEND**

ALL PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL

- 120mm OUTLINE MARKINGS
- 120mm GOLDEN YELLOW (Y14) EDGE LINE
- YELLOW RRRPM (ONE-WAY)
- RED RRRPM (ONE-WAY)
- 80mm WHITE EDGE LINE
- SHARED USE PATH SYMBOL GROUP PAVEMENT MARKING
- 80mm WHITE DIVIDING LINE

**SIGNAGE LEGEND**

MARK	AS1742.2 CODE	SIGN	No
#2	D4-1-2(R)		1

**WARNING AND DISCLAIMER**  
**Beware of Underground Services**  
 The location of underground services plotted in these drawings are approximate only. Therefore, it is the responsibility of the Contractor to prove their exact positions on site. Furthermore, other services may exist of which Stonnington City Council are unaware. Therefore, the information provided needs to be verified by the relevant Service Authorities.

**CONSTRUCTION ISSUE**      **ISSUE 05**

**EXISTING LEGEND**

	PERMANENT SURVEY MARK		ELECTRICITY PIT
	TRAVERSE LINE		ELECTRICITY POLE & LIGHT
	ELECTRICITY CABLE		STAY ANCHOR
	GAS MAIN		TRAM POLE
	SEWER MAIN		TRAM POLE & LIGHT
	TELECOM CABLE		TRAFFIC LIGHT
	WATER MAIN		TRAFFIC SIGNAL COVERS
	DRAINAGE LINE		TRAFFIC SIGNAL BOX
	PROPERTY STORMWATER		TRAFFIC / PARKING SIGN
	JUNCTION PIT		BOLLARD
	GRADED PIT		SEWER VENT
			SEWER MANHOLE / IO
			FIRE PLUG
			FIRE HYDRANT
			WATER VALVE
			GAS VALVE
			TELECOM PIT
			TELECOM CABINET
			PUBLIC TELEPHONE
			POST BOX
			LITTER BIN
			BENCH-SEAT

**Cardno TGM**  
 ABN 11 125 568 461  
 Level 4, 501 Swanston Street, Melbourne, VIC Australia 3000  
 Phone: +61 3 8415 7777 Fax: +61 3 8415 7788  
 Email: victoria@cardno.com.au Web: www.cardno.com

**City of STONNINGTON**  
 311 Glenferrie Road, Malvern VIC 3144  
 PO Box 58, Malvern 3144 Tel 8290 1333

Designed	J.P.	18-08-2020
Drawn	J.P.	18-08-2020
Checked		
Approved		

Initials	Date	CAD Reference
J.P.	18-08-2020	V200409-Cl-14.00-spm
File Reference		
Level Datum		A.H.D.
FB		
LB		

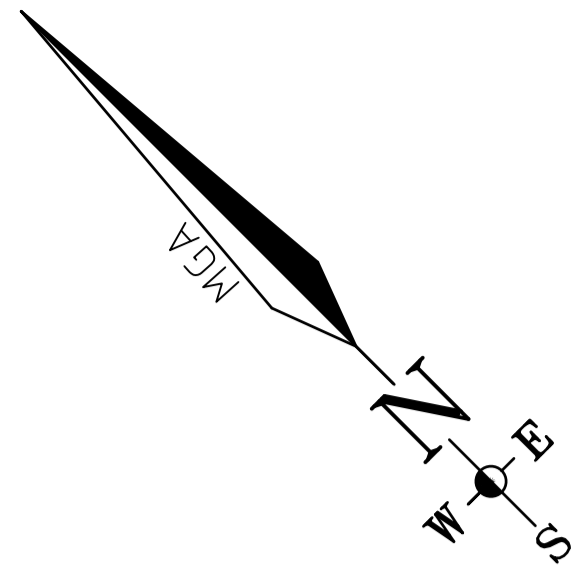
**YARRA MAIN TRAIL, TOORAK - SHARED PATH**  
**SIGNAGE & PAVEMENT MARKING PLAN 1**

SCALE: H: 1:200 @ A1  
 V: -

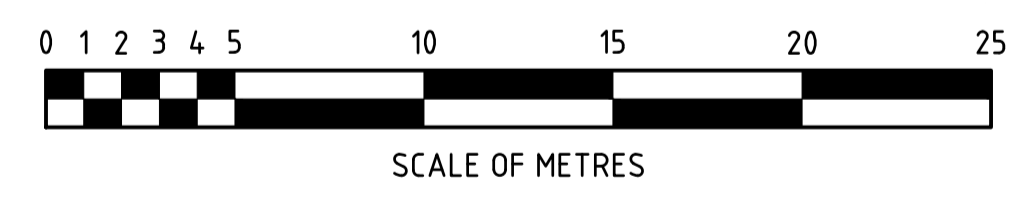
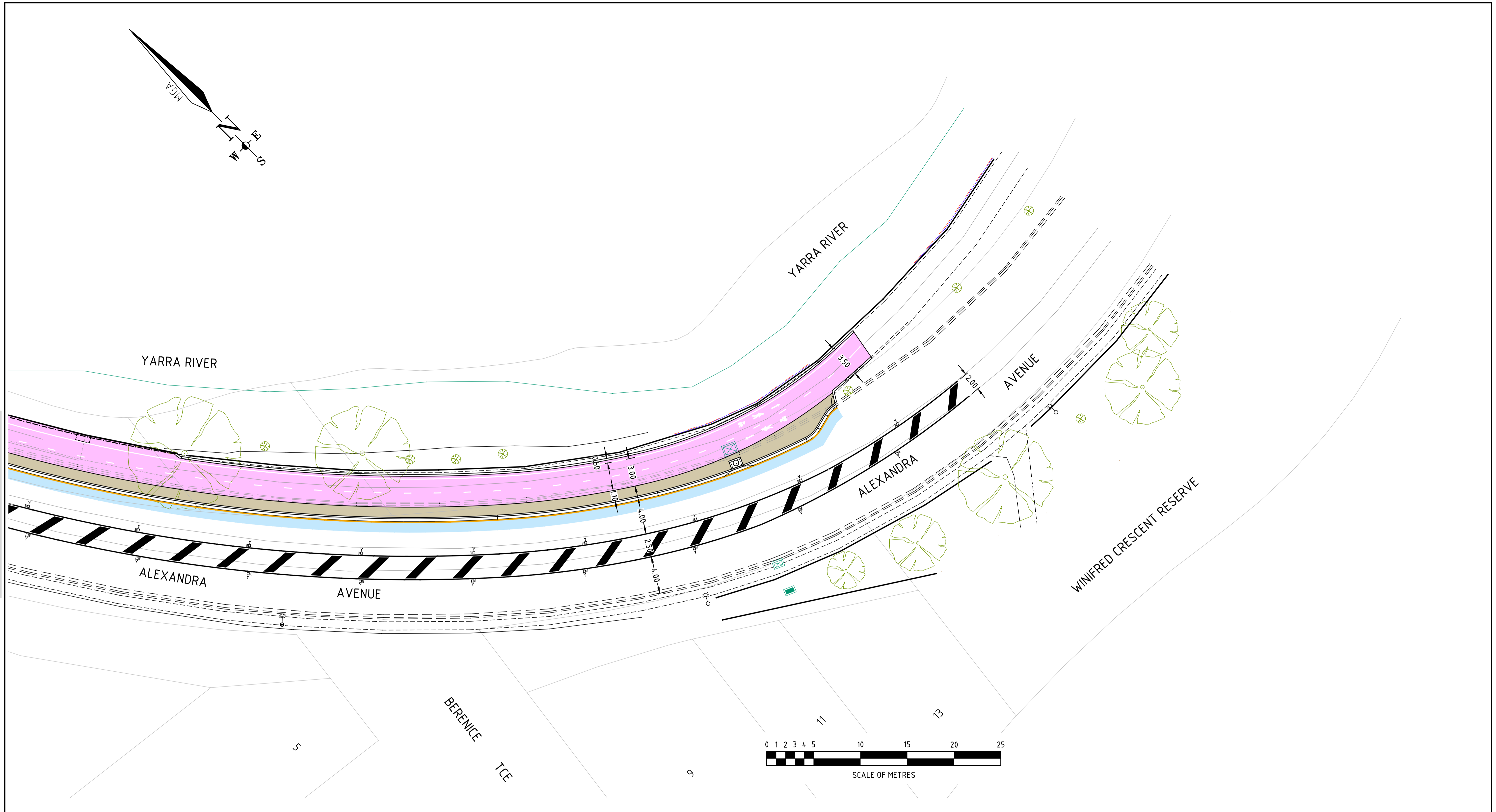
DRAWING NUMBER: 2020-007  
 Amendment No. [ ] [ ] [ ] [ ]  
 SHEET 11 of 12

2020-007  
 DRAWING NUMBER

Cardno TGM REF No V200409



JOINS SHEET 11



PAVEMENT MARKING LEGEND	
ALL PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL	
	120mm OUTLINE MARKINGS
	120mm GOLDEN YELLOW (Y14) EDGE LINE
	YELLOW RRPm (ONE-WAY)
	RED RRPm (ONE-WAY)
	80mm WHITE EDGE LINE
	SHARED USE PATH SYMBOL GROUP PAVEMENT MARKING
	80mm WHITE DIVIDING LINE

**WARNING AND DISCLAIMER**  
**BWARE OF UNDERGROUND SERVICES**  
 The location of underground services plotted in these drawings are approximate only. Therefore, it is the responsibility of the Contractor to prove their exact positions on site. Furthermore, other services may exist of which Stonnington City Council are unaware. Therefore, the information provided needs to be verified by the relevant Service Authorities.

**CONSTRUCTION ISSUE**      **ISSUE 05**

EXISTING LEGEND	
	PERMANENT SURVEY MARK
	SURVEY STATION
	TRAVERSE LINE
	ELECTRICITY CABLE
	GAS MAIN
	SEWER MAIN
	TELECOM CABLE
	WATER MAIN
	DRAINAGE LINE
	PROPERTY STORMWATER
	JUNCTION PIT
	GRADED PIT
	ELECTRICITY PIT
	ELECTRICITY POLE & LIGHT
	STAY ANCHOR
	TRAM POLE
	TRAM POLE & LIGHT
	TRAFFIC LIGHT
	TRAFFIC SIGNAL COVERS
	TRAFFIC SIGNAL BOX
	TRAFFIC / PARKING SIGN
	BOLLARD
	SEWER VENT
	SEWER MANHOLE / IO
	FIRE PLUG
	FIRE HYDRANT
	WATER VALVE
	GAS VALVE
	TELECOM PIT
	TELECOM CABINET
	PUBLIC TELEPHONE
	POST BOX
	LITTER BIN
	BENCH-SEAT

ABN 11 125 568 461  
 Level 4, 501 Swanston Street, Melbourne, VIC Australia 3000  
 Phone +61 3 8415 7777 Fax +61 3 8415 7788  
 Email: victoria@cardno.com.au Web: www.cardno.com

311 Glenferrie Road, Malvern VIC 3144  
 PO Box 58, Malvern 3144 Tel 8290 1333

DESIGNED	J.P.	18-08-2020	CAD Reference	V200409-CI-14.00-spm
DRAWN	J.P.	18-08-2020	File Reference	-
CHECKED			Level Datum	A.H.D.
APPROVED			FB	-
DESIGN & PROJECTS			LB	-
CLIENT			SCALE:	H: 1:200 @ A1 V: -

<b>YARRA MAIN TRAIL, TOORAK - SHARED PATH</b>		DRAWING NUMBER <b>2020-007</b>
SIGNAGE & PAVEMENT MARKING PLAN 2		
DRAWING NUMBER	2020-007	Amendment No.
		SHEET 12 of 12

Cardno TGM REF No V200409