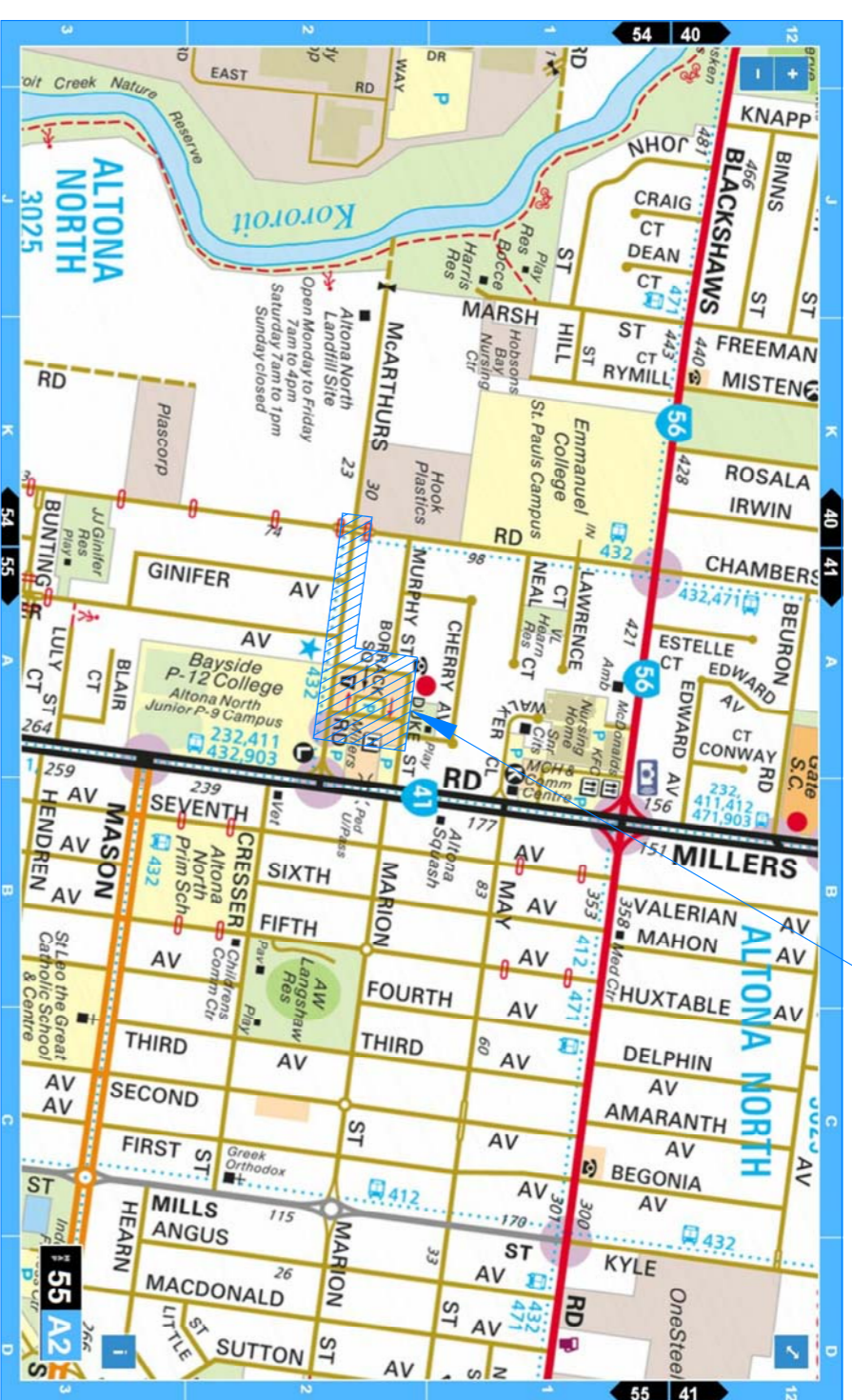
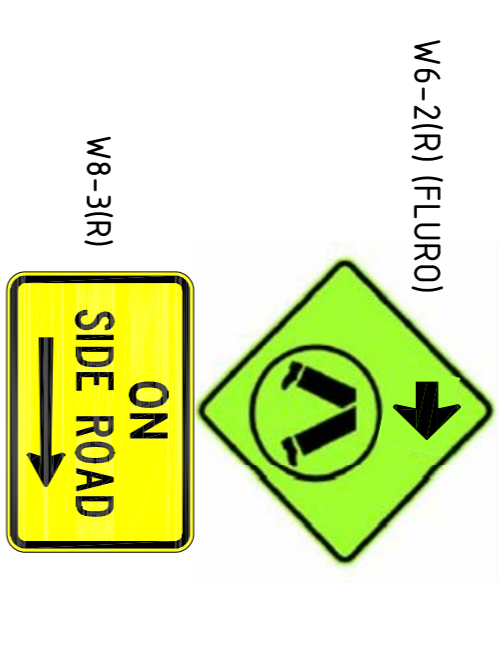
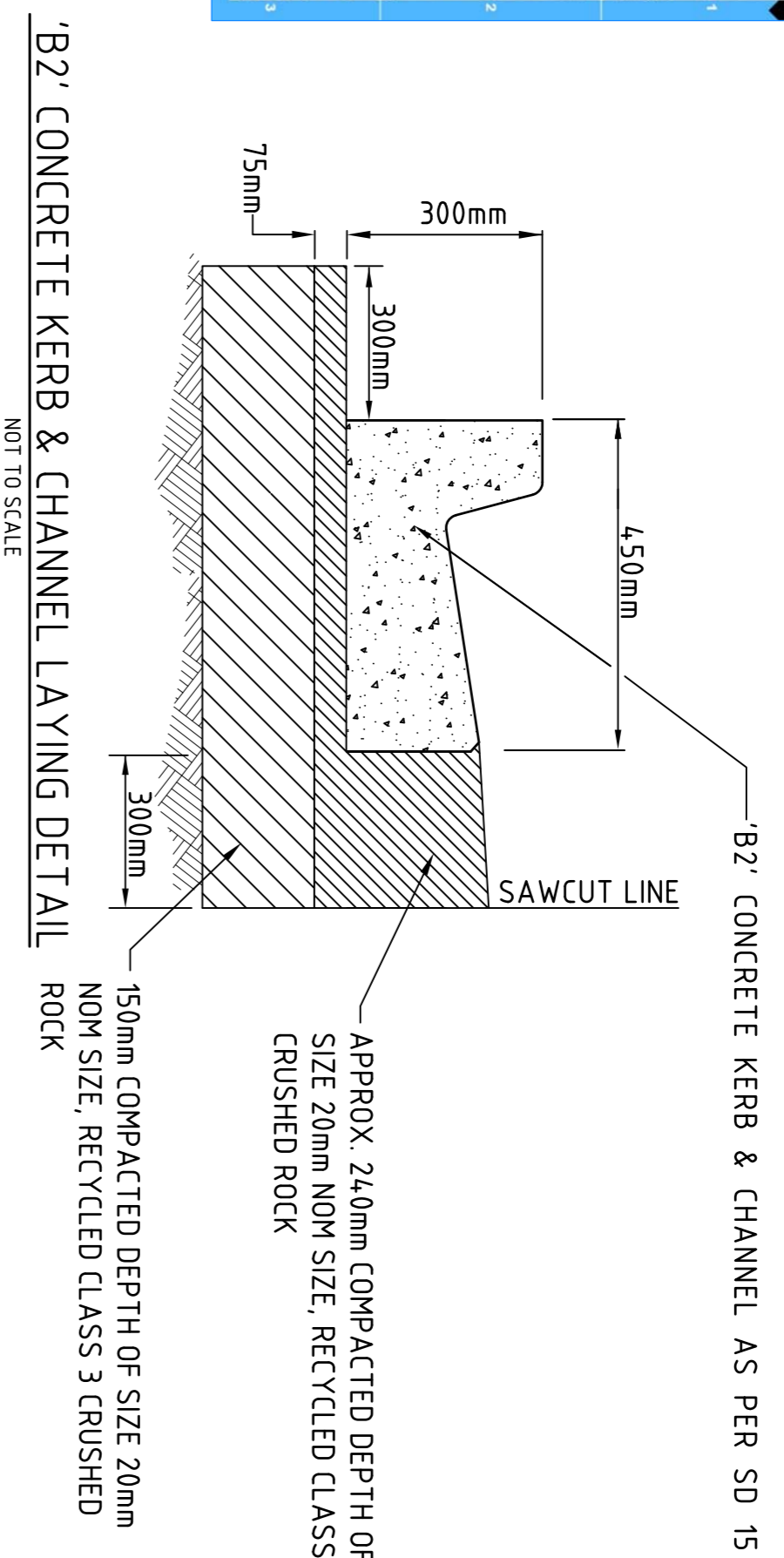


# DUKE STREET, BORRACK SQUARE AND MCARTHURS ROAD, ALTONA NORTH RAISED PEDESTRIAN HUMPS



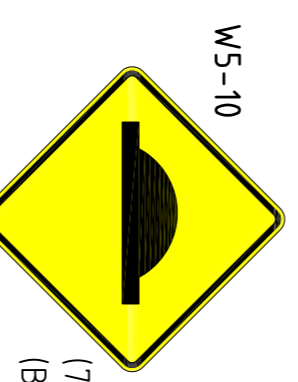
LOCATION OF WORKS



(UNDERSIDE 2.1m ABOVE GROUND)



(S5)

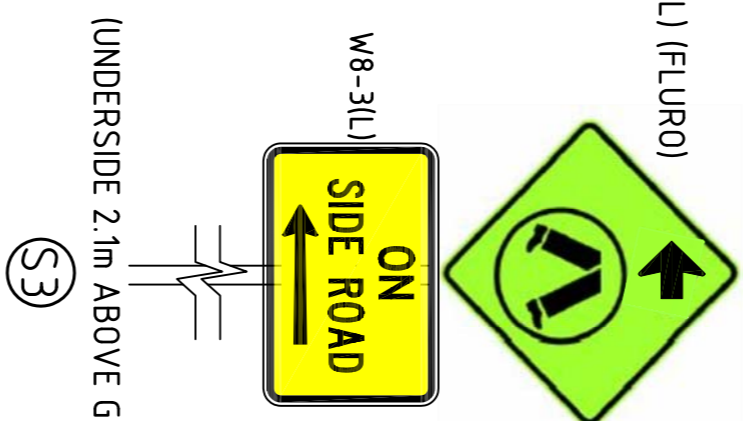


(UNDERSIDE 2.1m ABOVE GROUND)



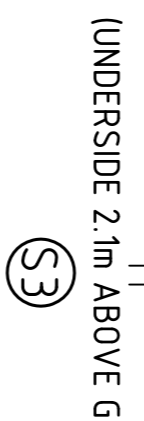
(UNDERSIDE 2.1m ABOVE GROUND)

(S6)



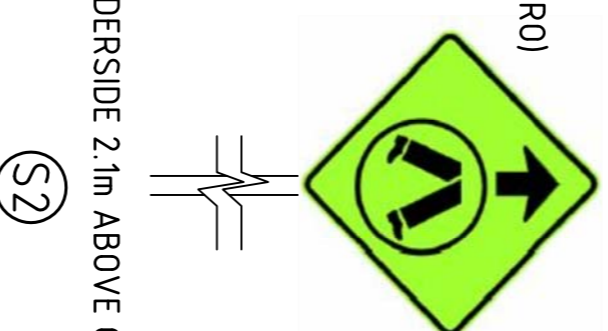
(UNDERSIDE 2.1m ABOVE GROUND)

(S4)



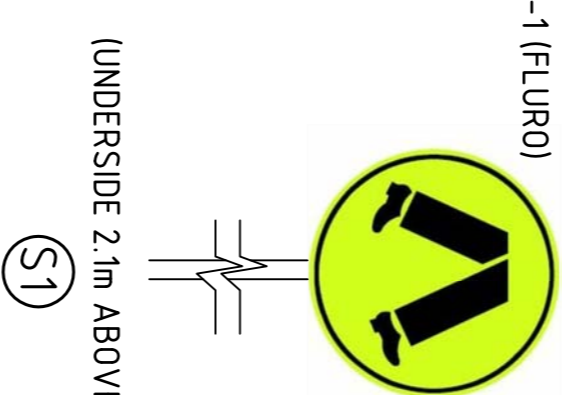
(UNDERSIDE 2.1m ABOVE GROUND)

(S3)



(UNDERSIDE 2.1m ABOVE GROUND)

(S2)



(UNDERSIDE 2.1m ABOVE GROUND)

(S1)

## SIGNAGE NOTES:

1. ALL SIGNS ARE TO BE FIXED TO POSTS WITH TRIANGULAR BOWTIES
2. ALL SIGN POSTS ARE TO BE CAPPED AND NOT EXTENDED BEYOND THE TOP OF THE SIGN.
3. ALL SIGN POSTS ARE TO BE INSTALLED IN AN APPROVED SLEEVE OR 250PA MASS CONCRETE
4. COVER OF OBSTRUCTIONS FOR SIGNS TO BE 300mm X 300mm FROM THE EDGE OF KERB / EDGE OF PATH.
5. SIGNS TO BE A MINIMUM OF 2.1 METRES HIGH (MEASURED FROM UNDERSIDE OF SIGN TO GROUND).

**LEGEND:**

	EXISTING SEWER LINE		PROPOSED STORMWATER PIPE
	EXISTING WATER MAIN		PROPOSED STORMWATER PIT & PIT No.
	EXISTING ABANDONED WATER MAIN		EXISTING FIRE HYDRANT
	EXISTING TELSTRA CABLE & PIT		EXISTING SERVICES VALVES
	EXISTING GAS MAIN		EXISTING SIGN
	EXISTING OVERHEAD POWER & POLE		PROPOSED SIGN
	EXISTING POWER UNDERGROUND		EXISTING ELECTRICITY POLE WITH LIGHT
	EXISTING STORMWATER PIPE		SET-OUT POINT (LIP OF CHANNEL)
	EXISTING HOUSE DRAINS		T.B.M. (TEMPORARY BENCH MARK)
	EXISTING KERB		EXISTING TREE
	PROPOSED KERB AND CHANNEL		

## DRAWING SHEET LIST

SHT	DESCRIPTION
SHT 1	GENERAL NOTES, SIGNAGE & PAVEMENT DETAILS
SHT 2	MCARTHURS ROAD HUMPS PLAN
SHT 3	DUKE RD / MCARTHURS RD HUMPS LAYOUT PLAN
SHT 4	DUKE RD / BORRACK SQ HUMPS LAYOUT PLAN
SHT 5	DUKE RD / BORRACK SQ HUMPS DETAIL PLAN
SHT 6	DUKE RD / BORRACK SQ HUMPS LEVELS PLAN
SHT 7	MCARTHURS RD / DUKE RD HUMPS DETAIL PLAN
SHT 8	MCARTHURS RD / DUKE RD HUMPS LEVELS PLAN
SHT 9	MCARTHURS RD / BORRACK SQ HUMPS DETAIL PLAN
SHT 10	MCARTHURS RD / BORRACK SQ HUMPS LEVELS PLAN
SHT 11	DUKE RD / BORRACK SQ HUMPS DRAINAGE DETAILS

## ASSET OWNERS WITHIN THE VICINITY OF THIS PROJECT

Authority Name	Phone
AARNet Pty Ltd Vic	1300 275 652
AusNet Gas Services Pty Ltd	1800 088 208
Greater Western Water	13 44 99
NBN Co VIC/TAS	1800 687 626
Opus and/or Uecomm Vic	1800 505 777
Powercor - Sunshine	13 22 06
Telstra VIC/TAS	1800 653 935

**The Essential First Step**

WARNING: ALL SERVICES SHOWING ON THESE PLANS ARE APPROXIMATE ONLY AND EXACT LOCATIONS TO BE CONFIRMED ON SITE BY CONTRACTOR PRIOR TO COMMENCEMENT OF ANY WORKS.

## NOTES:

1. ALL DIMENSIONS IN METRES (UNLESS NOTED OTHERWISE)
2. SET-OUT IS TO EDGE OF CONCRETE PAVEMENT (UNLESS NOTED OTHERWISE)
3. ALL TBM AND TRAVERSE LINE SETOUT CO-ORDINATES ARE TO A LOCAL GRID. ALL OTHER KERB SETOUT POINTS ARE TO RELEVANT TRAVERSE LINE CHANGE AND OFFSET INFORMATION
4. ALL WORK WITHIN ROAD RESERVE IS TO BE PERFORMED IN ACCORDANCE WITH AS 1742.3
5. ALL PIT LIDS, VALVE COVERS, ETC WITHIN THE WORK AREA ARE TO BE ADJUSTED TO SUIT THE NEW LEVELS
6. ALL SERVICE AUTHORITIES TO BE NOTIFIED AND RELEVANT PERMITS RECEIVED PRIOR TO THE COMMENCEMENT OF ANY WORKS
7. ALL SIGNS AND ROAD FURNITURE AFFECTED BY WORKS ARE TO BE REMOVED & REINSTATED FOLLOWING COMPLETION OF CONSTRUCTION WORKS
8. ALL AREAS SURROUNDING WORKS TO BE TRIMMED/INFILLED TO MATCH FINISHED SURFACE LEVELS
9. ALL SERVICES TO BE PROVEN ON SITE BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS
10. ALL ROAD CONSTRUCTION MATERIALS TO BE IN ACCORDANCE WITH THE SPECIFICATION
11. ALL LINEMARKING TO BE IN ACCORDANCE WITH THE VICROADS TRAFFIC ENGINEERING MANUAL VOL. 2 'SIGNS AND MARKINGS'
12. ALL LINEMARKING TO BE OF THERMOPLASTIC PAINT.
13. WHERE PROPOSED ASPHALT WEARING COURSE MEETS EXISTING PROFILE 1m WIDE CHASE
14. CONCRETE FOOTPATHS TO CONSIST OF 75mm THICK 25mpa CONCRETE ON 75mm BEDDING LAYER OF 20mm NOM SIZE CLASS 2 FCR UNLESS OTHERWISE SPECIFIED
15. ALL PIPE BEDDING AND BACKFILL TO BE 20mm NOM. SIZE CLASS 3 CRUSHED ROCK AND AS PER CITY OF HOBSONS BAY STD DWG SD1
16. THE FULL WIDTH AND DEPTH OF TRENCH ABOVE OVERLAY ZONE AS DEFINED BY AS3725 TO BE BACKFILLED TO 98% STANDARD COMPACTION.
17. ALL DRAINAGE PIPES TO BE STEEL REINFORCED CONCRETE PIPES WITH RUBBER RING JOINTS UNLESS NOTED OTHERWISE.
18. WHERE PROPOSED WORKS MEET EXISTING, PROVIDE SAW CUT EDGE

## INDICATIVE ONLY:

21. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR IS TO DETERMINE THE DEPTHS OF THE EXISTING SERVICE CROSSINGS AND ALL PROPOSED SERVICES BEFORE COMMENCEMENT OF WORKS.
22. CONTRACTOR TO NOTIFY COUNCIL SUPERVISOR OFFICER OF ANY CONFLICTS IMMEDIATELY.
23. CONTRACTOR IS TO ALLOW FOR ADEQUATE TIME IN HIS WORKS PROGRAM FOR COUNCIL TO MODIFY THE DESIGN OR ARRANGE MODIFICATION OF SERVICES.
24. COUNCIL WILL NOT ENTERTAIN ANY CLAIMS FOR THE DELAY IN THE MODIFICATIONS OF SERVICES BY THE SERVICE PROVIDERS.
25. ALL DISTURBED AREAS OF PAVEMENT, PAVING, K & C, FOOTPATH MUST BE SAW-CUT NEATLY BEFORE EXCAVATION.
26. EXISTING TREES TO BE RETAINED UNLESS OTHERWISE IDENTIFIED ON PLANS. CONTRACTOR TO TAKE CARE TO ENSURE THAT NO DAMAGE OCCURS TO THE TREES. CONTRACTOR NOT TO PLACE SPOIL FROM EXCAVATION, BULK MATERIALS OR HARMFUL MATERIALS WITHIN TREE DRIP LINES.
27. ALL PAVEMENT SUBGRADE AREAS TO BE COMPACTED AS PER AS 1289 5.11 TO 98% SMDI.
28. SOIL INVESTIGATION REPORT SHOULD BE READ IN CONJUNCTION WITH THESE PLANS.

## HOLD POINTS:

1. APPROVAL OF PEDESTRIAN/TRAFFIC MANAGEMENT PLAN BY COUNCIL'S PROJECT MANAGER
2. COUNCIL'S PROJECT MANAGER/ SUPERINTENDENT TO APPROVE ALL SETTING-OUT WORKS PRIOR TO COMMENCING CONSTRUCTION.
3. ALL EXCAVATION WORKS AND BASE PREPARATION TO BE APPROVED BEFORE PLACEMENT OF ASPHALT OR CONCRETE.
4. ALL PIPE BEDDING AND PIPE ALIGNMENT TO BE APPROVED PRIOR TO BACKFILLING OF AREA.

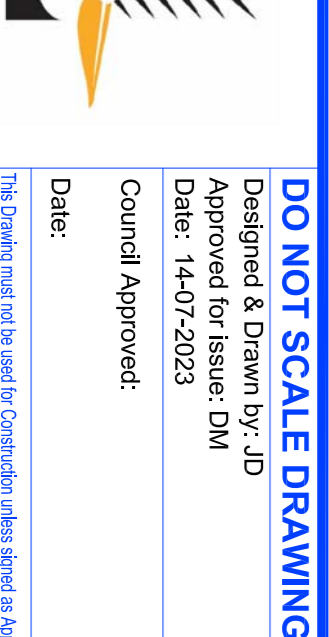
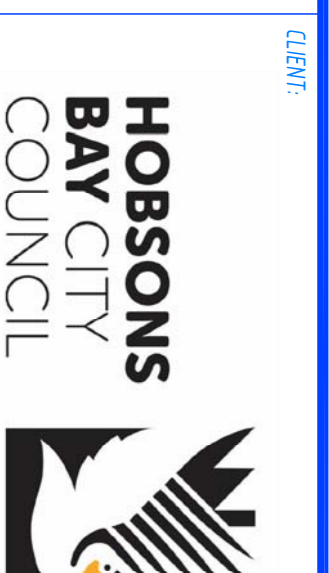
## DETAIL DESIGN

AMENDMENTS	REV	DATE

**WARNING**

BEWARE OF UNDERGROUND SERVICES

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Client	CITY OF HOBSONS BAY
Project	BORRACK SQUARE AND MCARTHURS ROAD RAISED PAVEMENT TREATMENTS
Title	GENERAL NOTES, SIGNAGE & PAVEMENT DETAILS
Original Size	A1
File Name	RS3083-C1.DWG
Drawing No.	RS3083-C1
Rev.	C

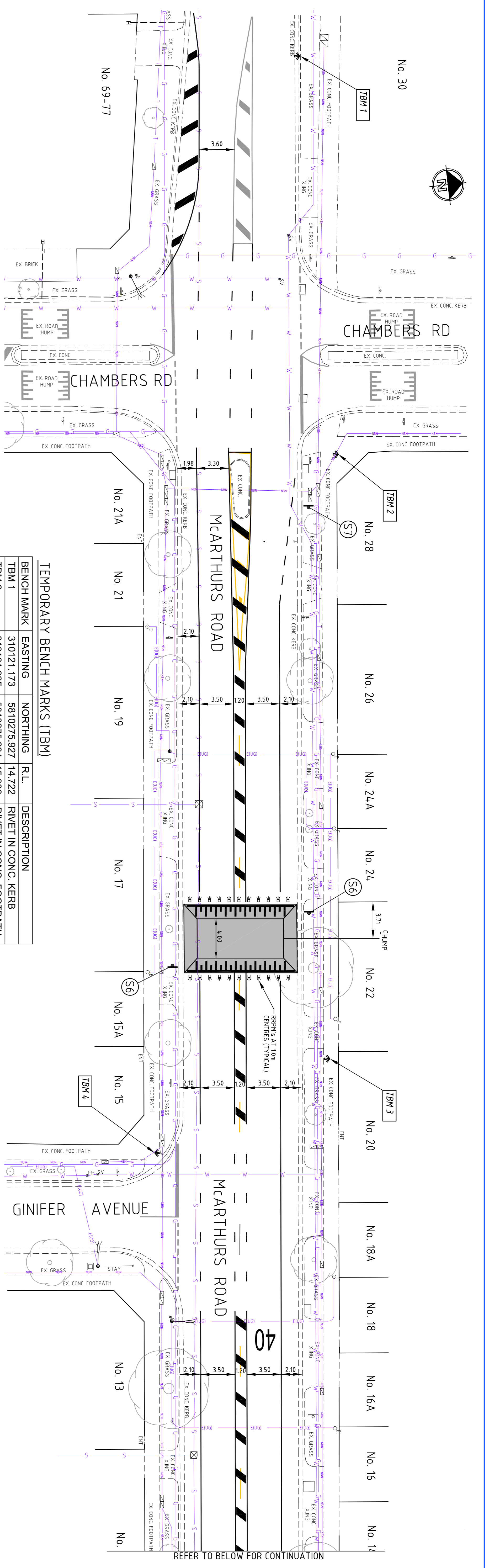
DESIGN BY:

CLIENT:

DO NOT SCALE DRAWING

Designed & Drawn by: JD  
 Approved for issue: DM  
 Date: 14-07-2023  
 Council Approved:  
 Date:

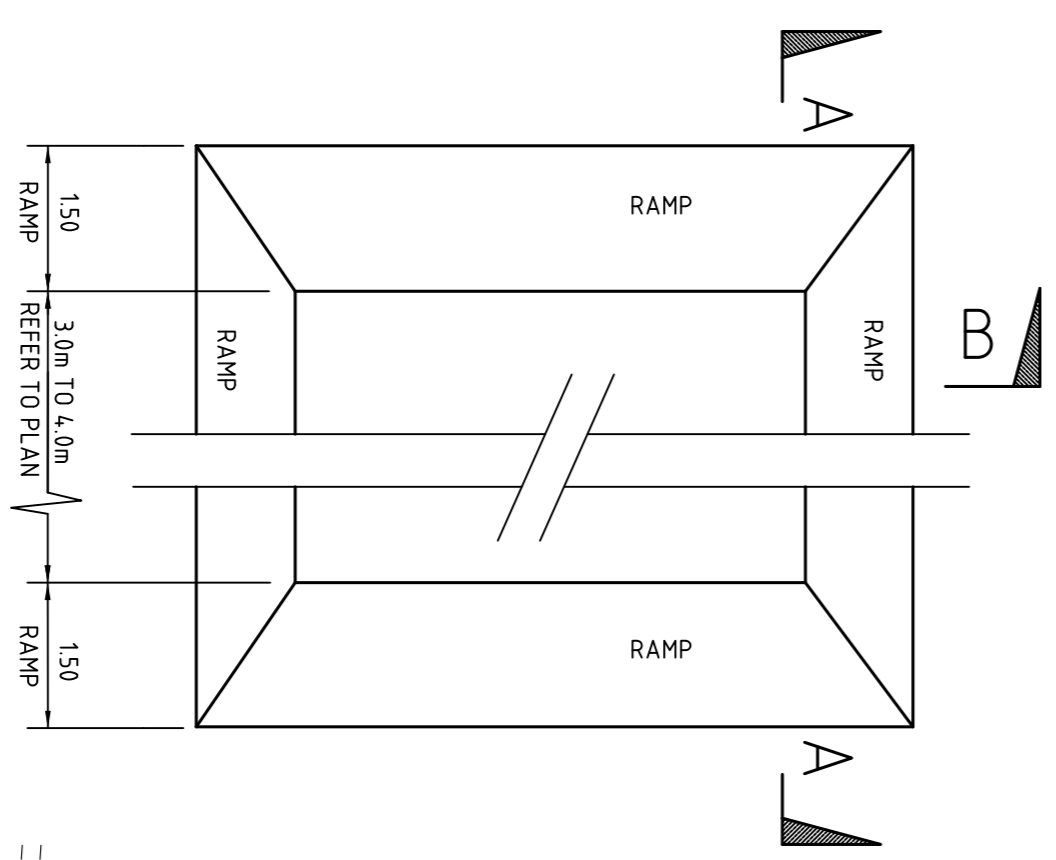
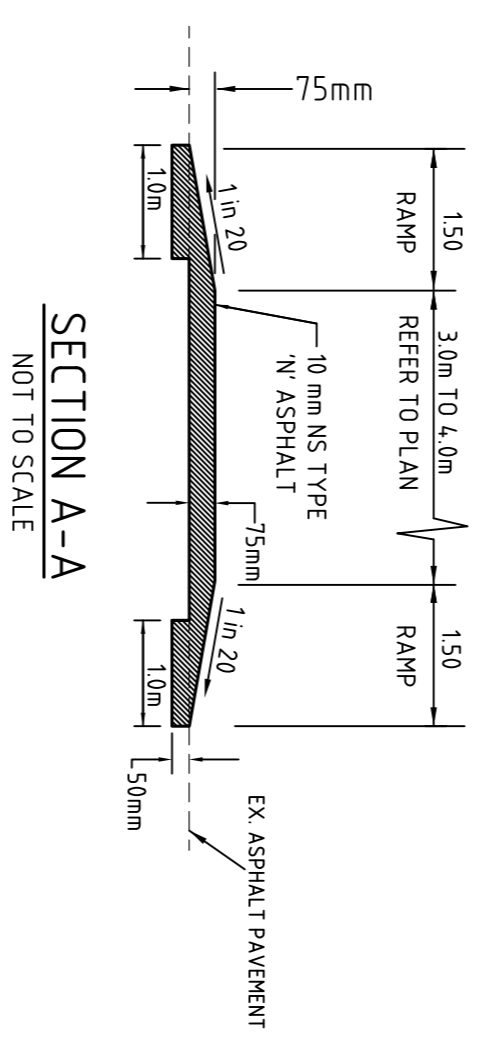




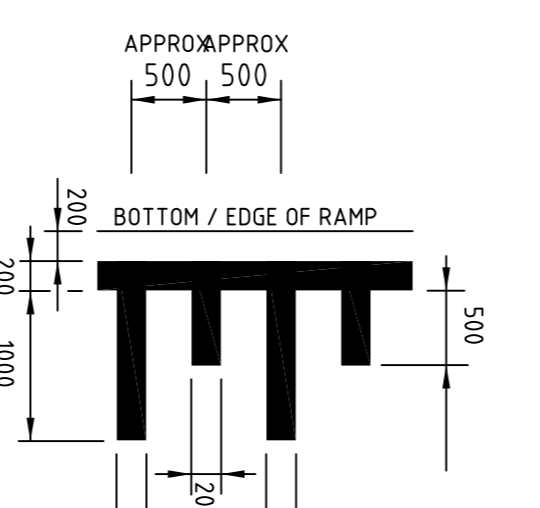
TEMPORARY BENCH MARKS (TBM)

BENCH MARK	EASTING	NORTHING	R.L.	DESCRIPTION
TBM 1	310121.173	5810275.927	14.722	RIVET IN CONC. KERB
TBM 2	310161.925	5810275.294	15.006	RIVET IN CONC. FOOTPATH
TBM 3	310223.034	5810267.539	14.867	RIVET IN CONC. FOOTPATH
TBM 4	310230.582	5810248.739	14.768	RIVET IN CONC. FOOTPATH
TBM 5	310273.291	5810259.233	14.742	RIVET IN CONC. KERB
TBM 6	310338.055	5810236.610	14.525	RIVET IN CONC. FOOTPATH

REFER TO SHEET 1 FOR SIGNAGE DETAILS

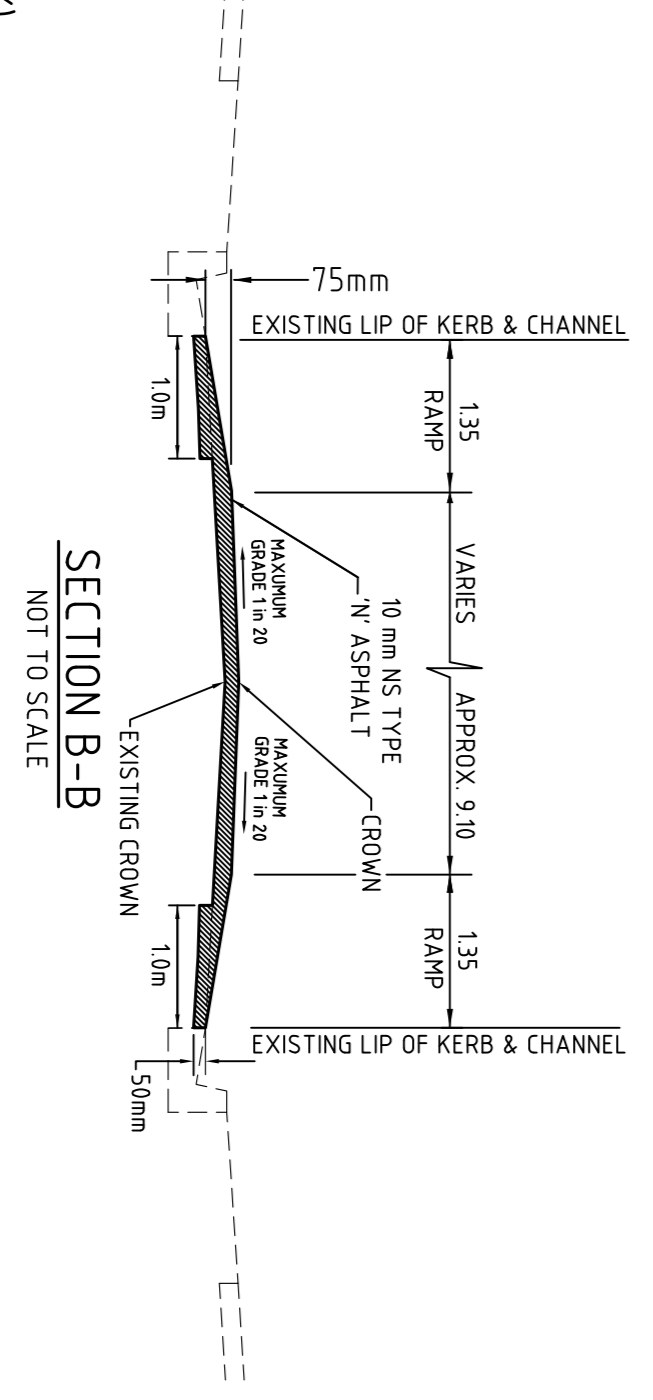


RAISED PAVEMENT TREATMENT LINEMARKING DETAIL

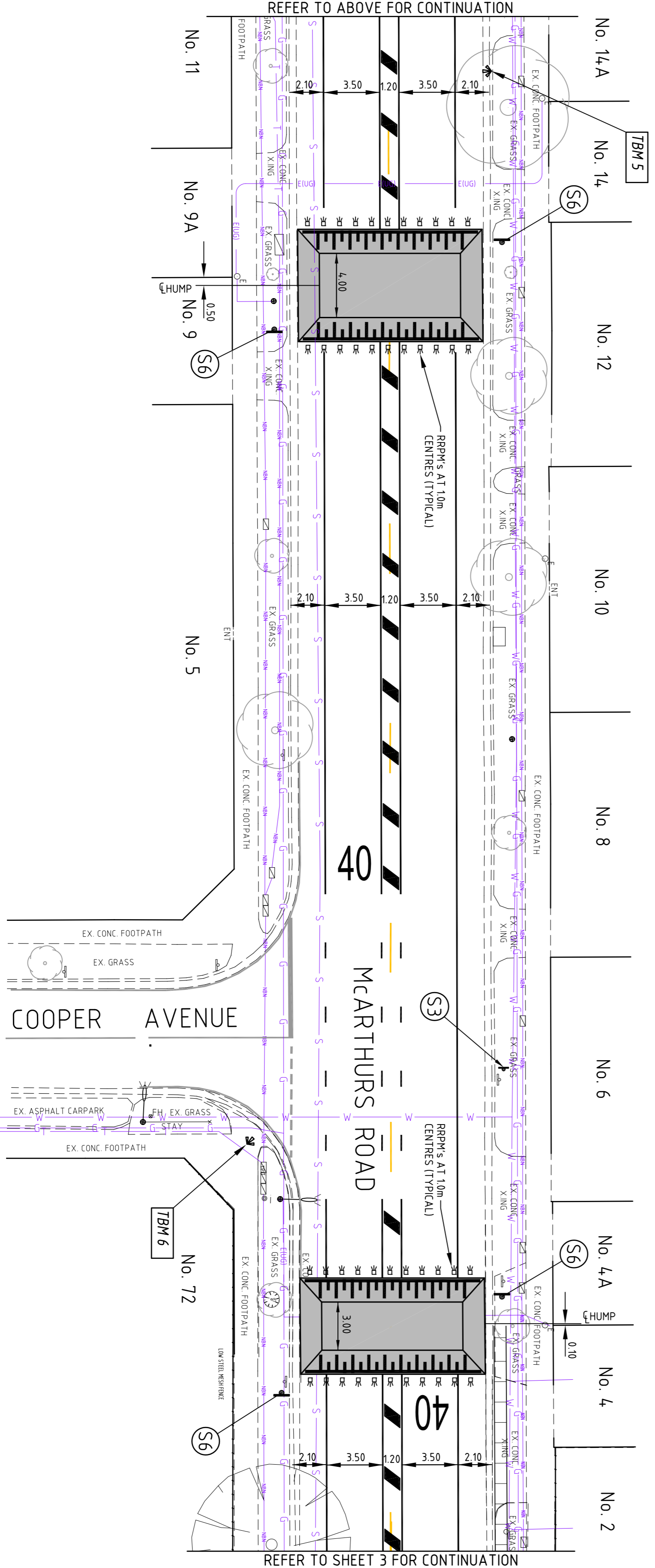


ALL LINEMARKING TO BE LONG LIFE THERMOPLASTIC PAINT

- TYPICAL PROPOSED LINEMARKING
- TYPICAL EXISTING LINEMARKING
- TYPICAL EXISTING LINEMARKING TO BE REMOVED

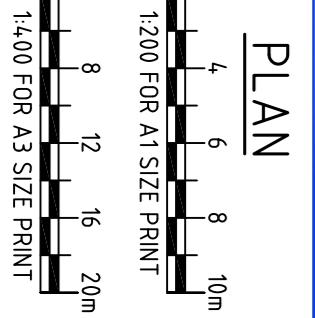


TYPICAL FLAT TOP ROAD HUMPS ON THIS SHEET (ONLY)  
(FOR THE FOUR SIDED RAMP HUMPS ON THIS SHEET ONLY)  
NOT TO SCALE



REFER TO SHEET 3 FOR CONTINUATION

DETAIL DESIGN



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**DO NOT SCALE DRAWING**

Client: **CITY OF HOBSONS BAY**  
 Project: **BORRACK SQUARE AND MCARTHURS ROAD RAISED PAVEMENT TREATMENTS**  
 Title: **MCARTHURS ROAD HUMPS PLAN**

Designed & Drawn by: JD  
 Approved for issue: DM  
 Date: 12-07-2023  
 Council Approved:

Original Size: **A1**  
 File Name: **RS3083-C1.DWG**  
 Drawing No: **RS3083-C2**  
 Sheet: **2**  
 Rev: **D**



**LEGEND:**

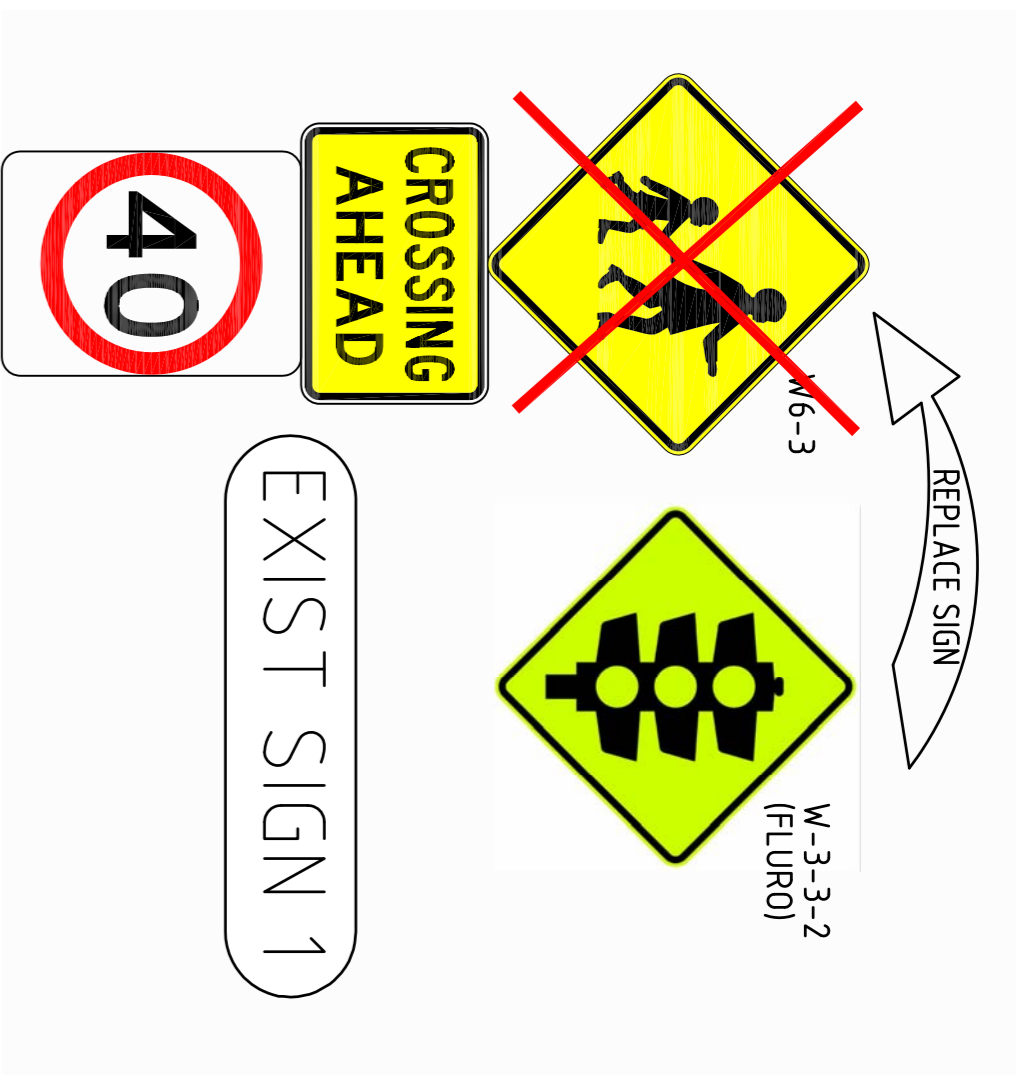
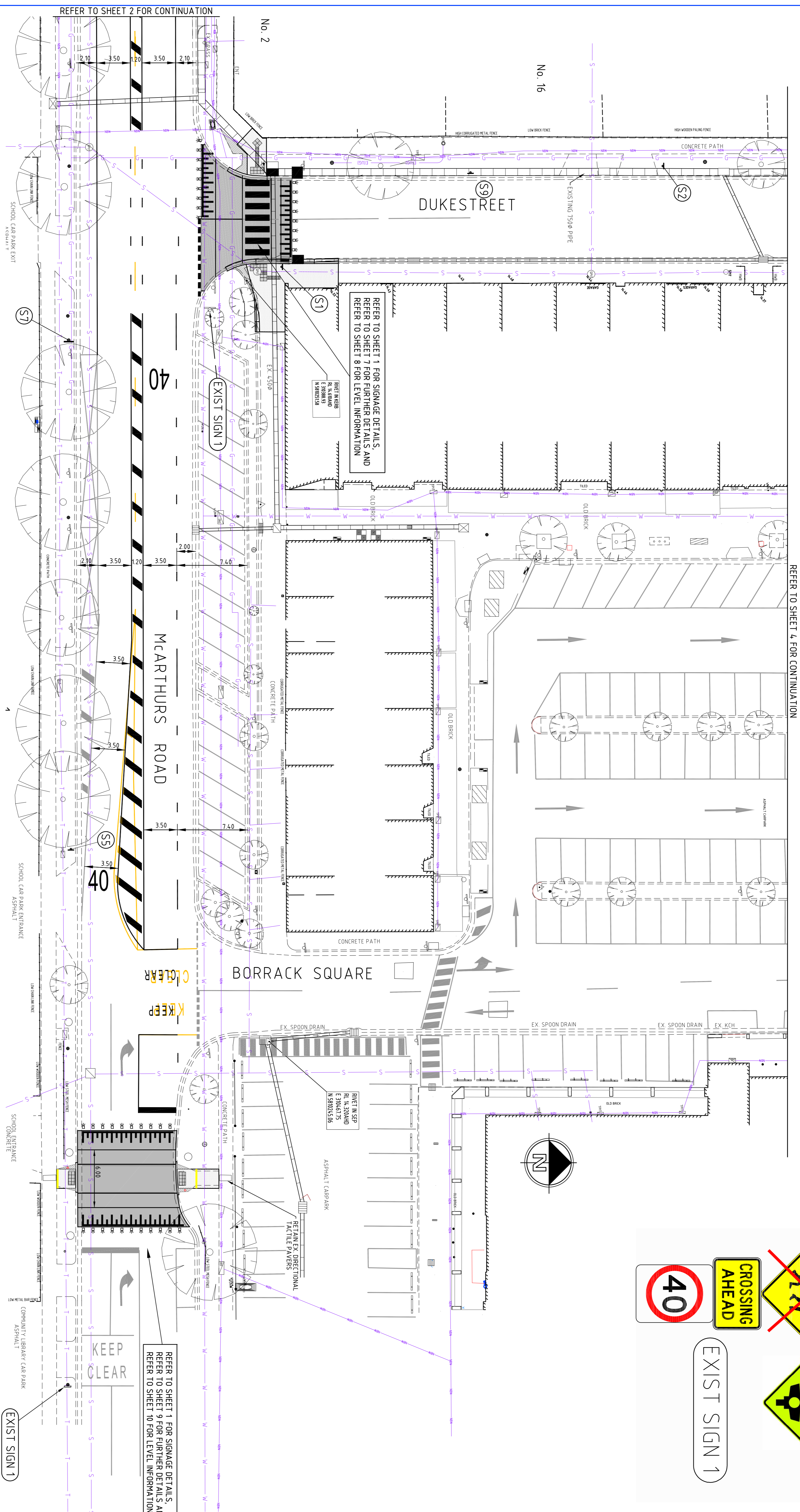
RAISED PAVEMENT TREATMENT AS PER DETAIL ON SHEET 4, 6 & 8

NEW CONCRETE FOOTPATH AS PER CITY OF HOBSONS BAY STANDARD SD21

PAVEMENT TO BE EXCAVATED TO A DEPTH OF 350mm AND BACKFILLED WITH APPROVED TOP SOIL IN A STRAIGHT GRADE AND GRASS SEED

TACTILE PAVERS (WARNING)  
COLOUR: WHITE  
(TYPICAL)

TACTILE PAVERS (DIRECTIONAL)  
COLOUR: WHITE  
(TYPICAL)



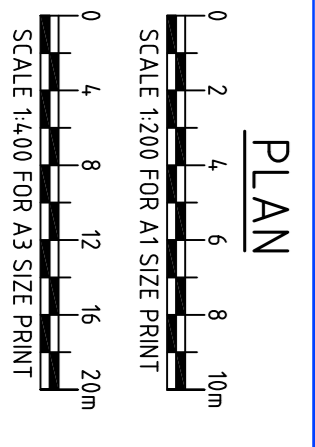
REFER TO SHEET 1 FOR SIGNAGE DETAILS,  
REFER TO SHEET 7 FOR FURTHER DETAILS AND  
REFER TO SHEET 8 FOR LEVEL INFORMATION

REFER TO SHEET 1 FOR SIGNAGE DETAILS,  
REFER TO SHEET 9 FOR FURTHER DETAILS AND  
REFER TO SHEET 10 FOR LEVEL INFORMATION

REFER TO SHEET 2 FOR CONTINUATION

REFER TO SHEET 4 FOR CONTINUATION

AMENDMENTS	REV	DATE



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**DO NOT SCALE DRAWING**  
Designed & Drawn by: JD  
Approved for Issue: DM  
Date: 01-09-2023  
Council Approved:

Client	CITY OF HOBSONS BAY
Project	BORRACK SQUARE AND MCARTHURS ROAD RAISED PAVEMENT TREATMENTS
Title	DUKE RD / MCARTHURS RD HUMP LAYOUT PLAN
Original Size	A1
File Name	RS3083-C1.DWG
Drawing No.	RS3083-C3
Rev.	E

**DETAIL DESIGN**

DESIGN BY:

CLIENT:

Client

Project

Title

Original Size

File Name

Drawing No.

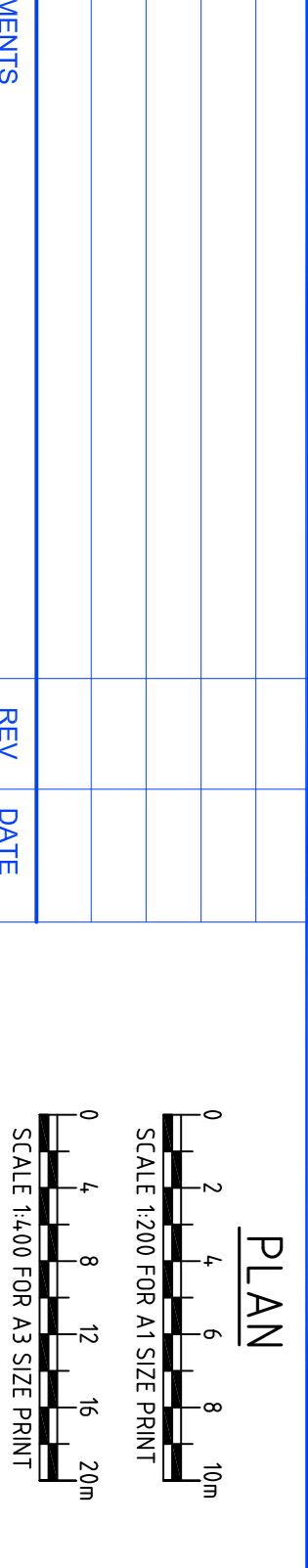
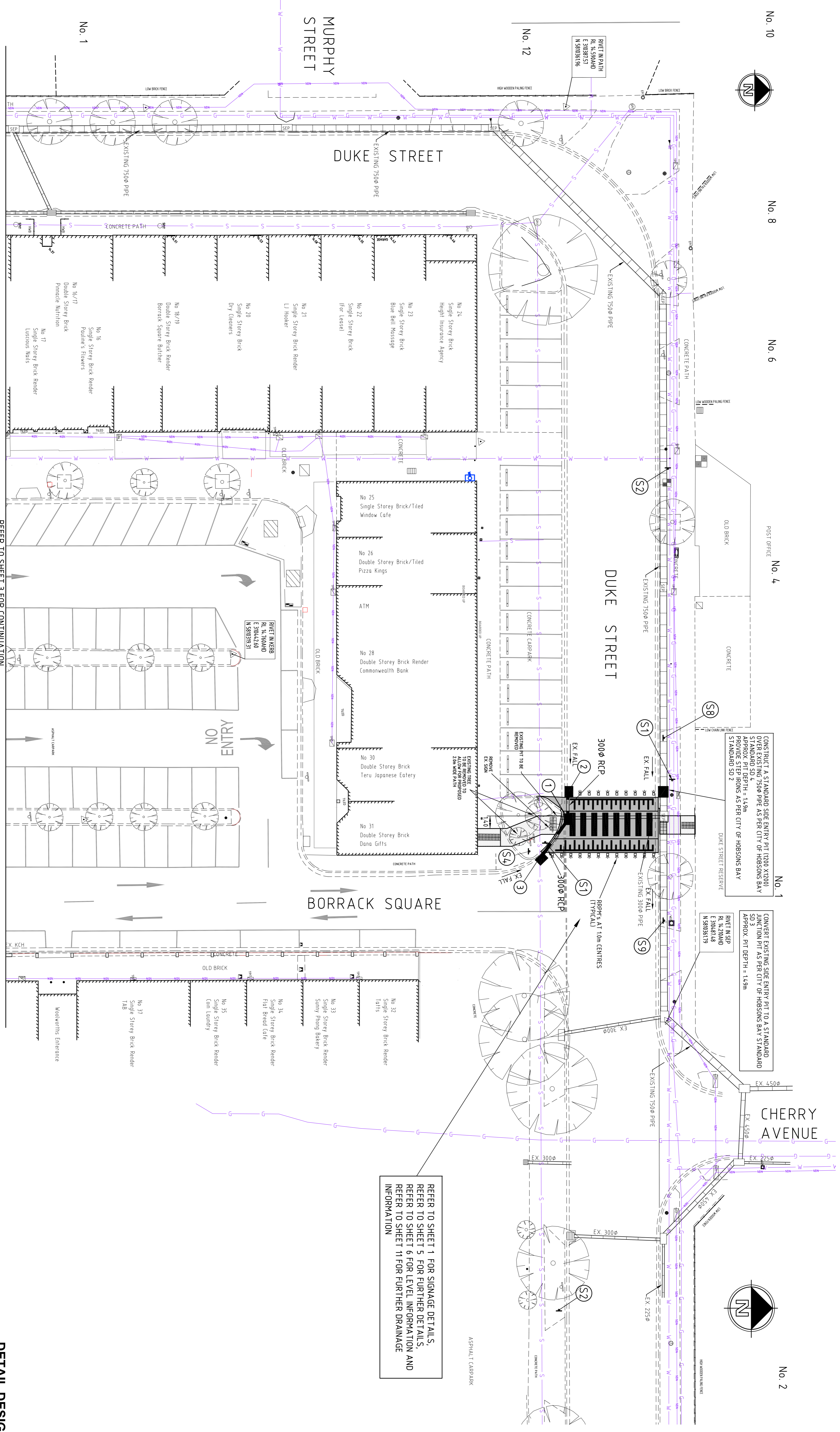
Rev.



**LEGEND:**

- RAISED PAVEMENT TREATMENT AS PER DETAIL ON SHEET 5, 7 & 9
- NEW CONCRETE FOOTPATH AS PER CITY OF HOBSONS BAY STANDARD SD21
- PAVEMENT TO BE EXCAVATED TO A DEPTH OF 350mm AND BACKFILLED WITH APPROVED TOP SOIL IN A STRAIGHT GRADE AND GRASS SEED

- TACTILE PAVERS (WARNING) COLOUR: WHITE (TYPICAL)
- TACTILE PAVERS (DIRECTIONAL) COLOUR: WHITE (TYPICAL)



**WARNING**  
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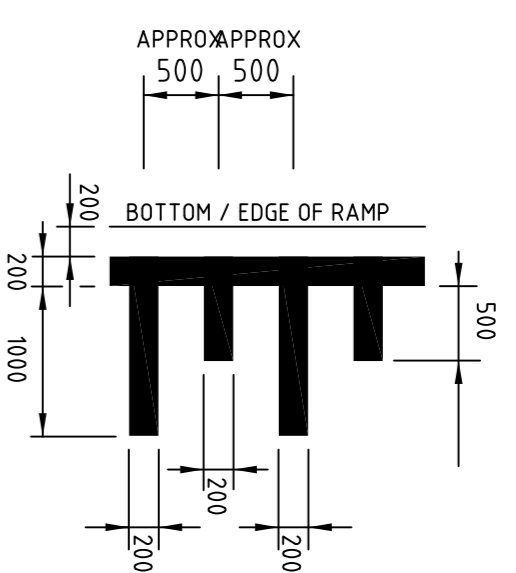
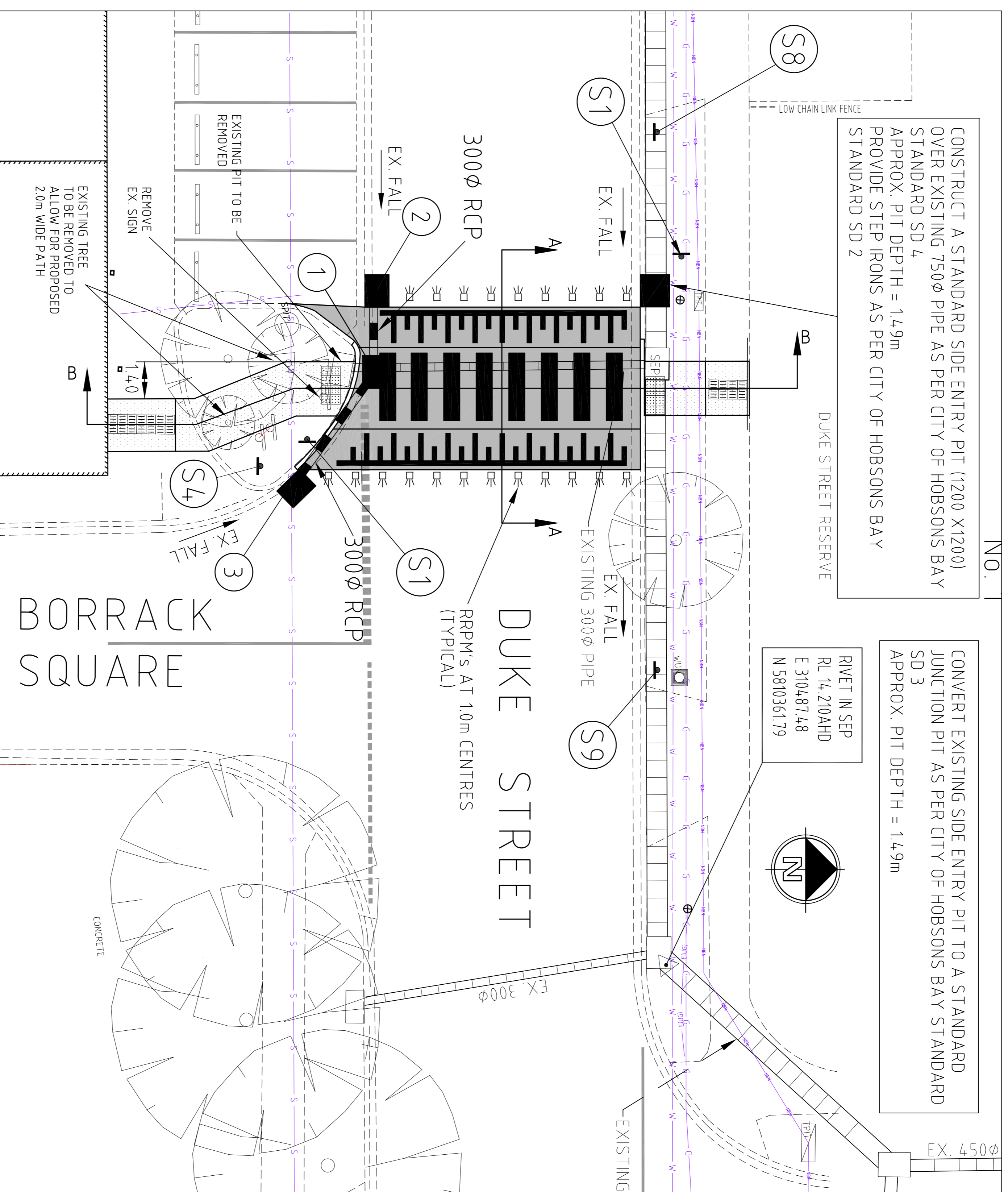
<b>DO NOT SCALE DRAWING</b>		Client	CITY OF HOBSONS BAY
Designed & Drawn By: JD	Approved for Issue: DM	Project	BORRACK SQUARE AND MCARTHURS ROAD RAISED PAVEMENT TREATMENTS
Date: 01-09-2023	Council Approved:	Title	DUKE RD / BORRACK SQ HUMPH LAYOUT PLAN
Date:		Original Size	A1
		FILE NAME:	RS3083-C1.DWG
		DRAWING NO.:	RS3083-C4
		Rev.:	D

**DETAIL DESIGN**

REFER TO SHEET 1 FOR SIGNAGE DETAILS,  
REFER TO SHEET 5 FOR FURTHER DETAILS,  
REFER TO SHEET 6 FOR LEVEL INFORMATION AND  
REFER TO SHEET 11 FOR FURTHER DRAINAGE  
INFORMATION

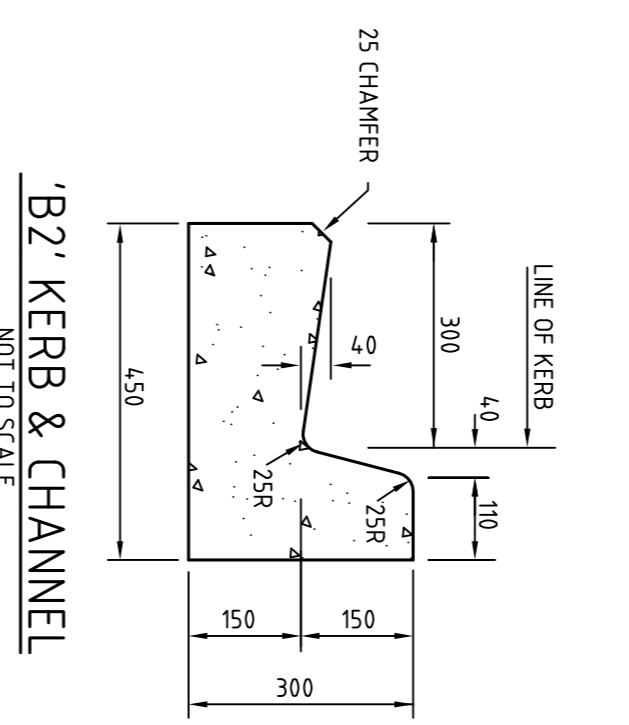


- LEGEND:**
- RAISED PAVEMENT TREATMENT AS PER DETAIL ON SHEET 5, 7 & 9
  - NEW CONCRETE FOOTPATH AS PER CITY OF HOBSONS BAY STANDARD SD21
  - PAVEMENT TO BE EXCAVATED TO A DEPTH OF 350mm AND BACKFILLED WITH APPROVED TOP SOIL IN A STRAIGHT GRADE AND GRASS SEEDED
  - TACTILE PAVERS (WARNING) (COLOUR: WHITE) (TYPICAL)
  - TACTILE PAVERS (DIRECTIONAL) (COLOUR: WHITE) (TYPICAL)



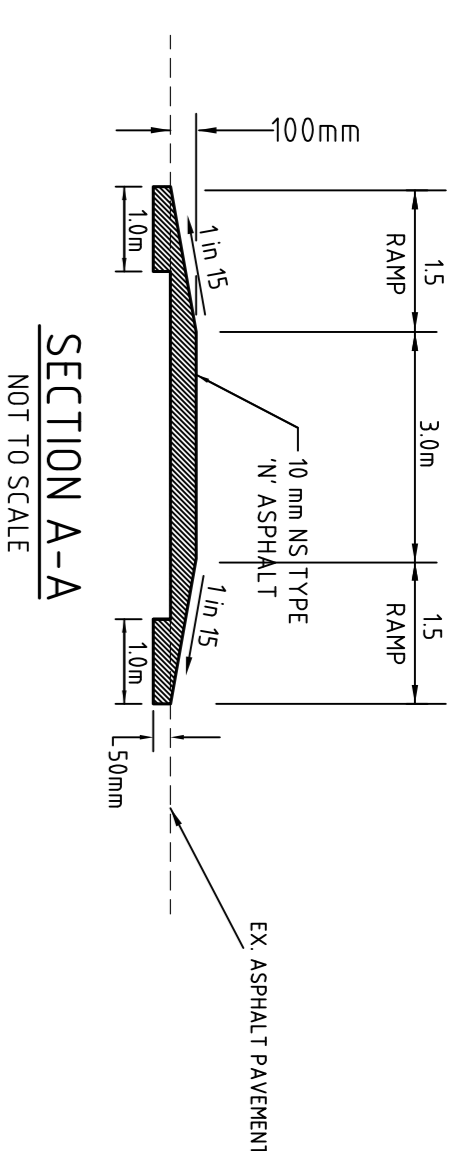
RAISED PAVEMENT TREATMENT LINEMARKING DETAIL NOT TO SCALE

ALL LINEMARKING TO BE LONG LIFE THERMOPLASTIC PAINT

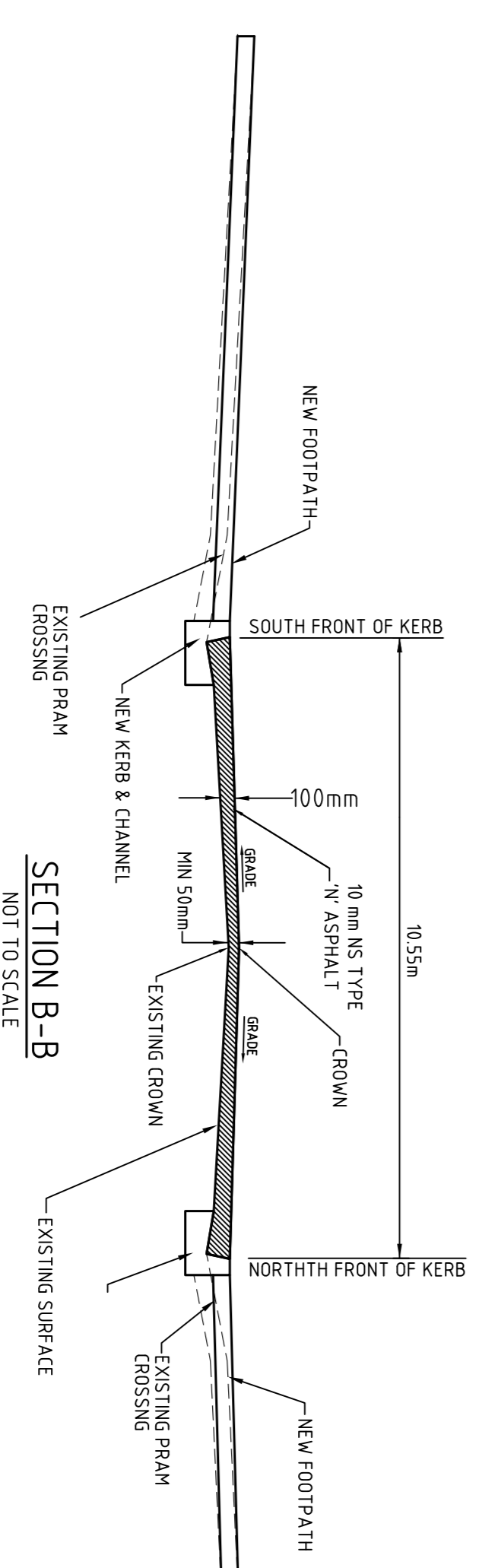
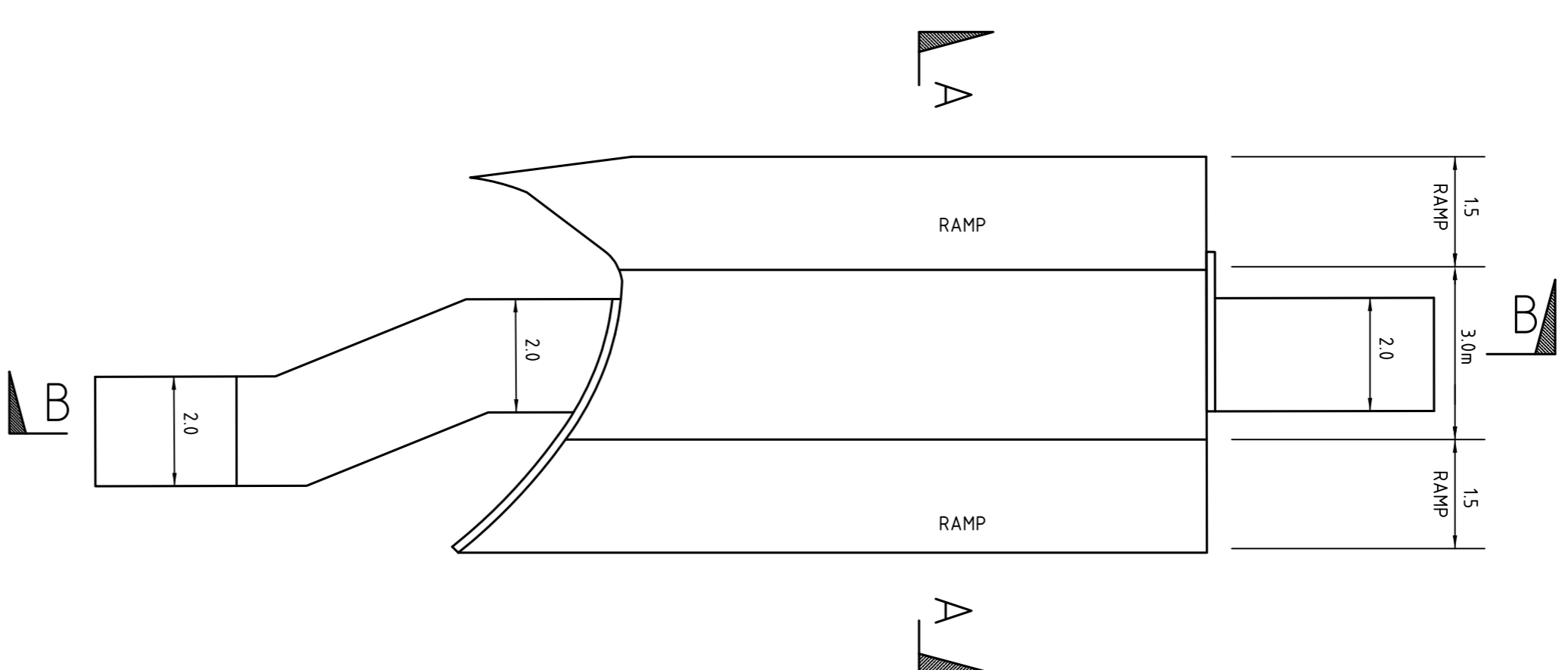


'B2' KERB & CHANNEL NOT TO SCALE

- TYPICAL PROPOSED LINE MARKING
- TYPICAL EXISTING LINE MARKING
- TYPICAL EXISTING TO BE REMOVED



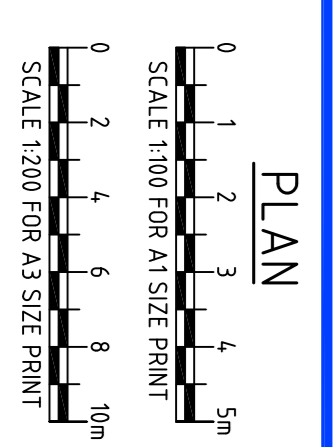
SECTION A-A NOT TO SCALE



SECTION B-B NOT TO SCALE

DETAIL DESIGN

AMENDMENTS	REV	DATE



**WARNING**  
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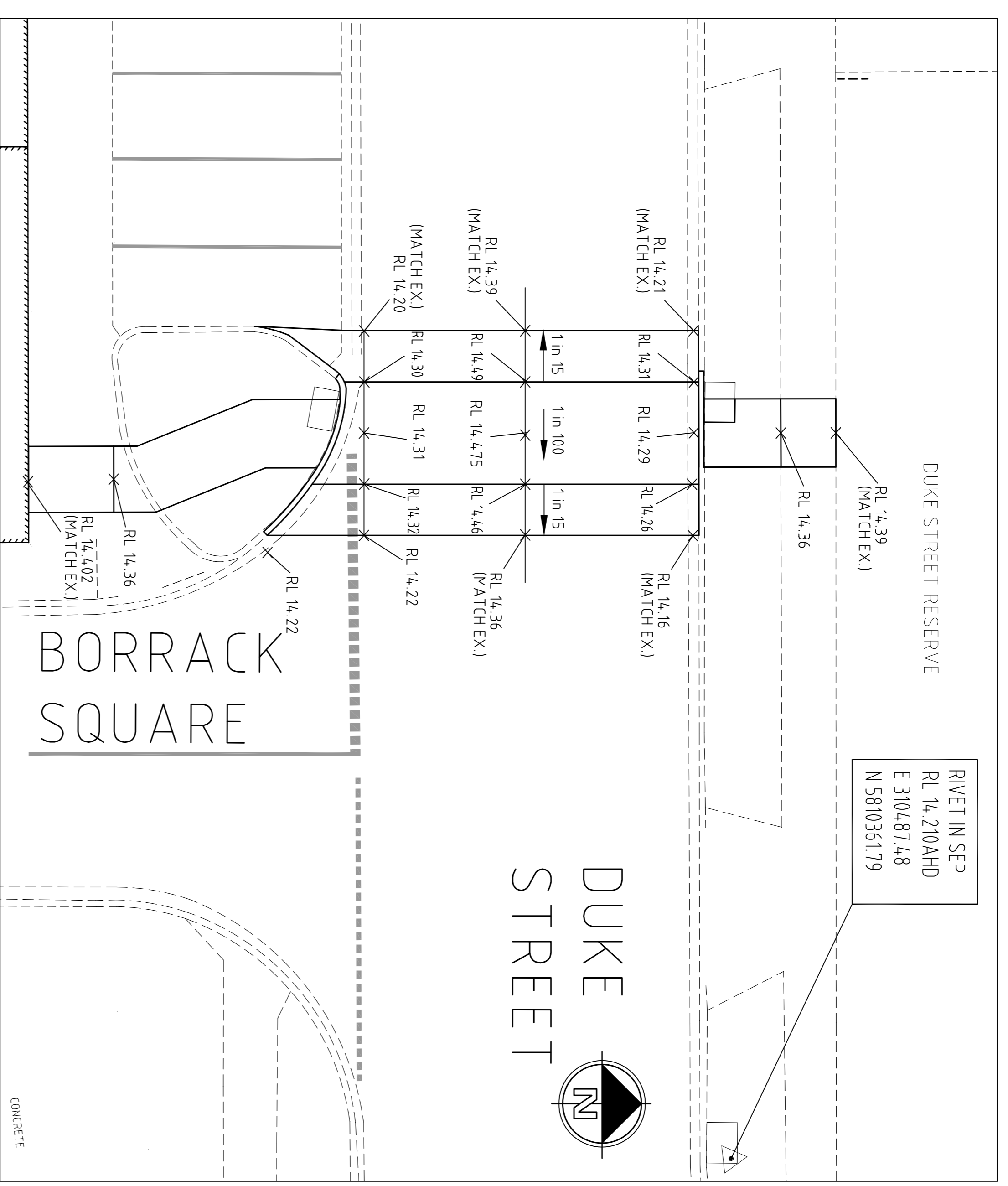
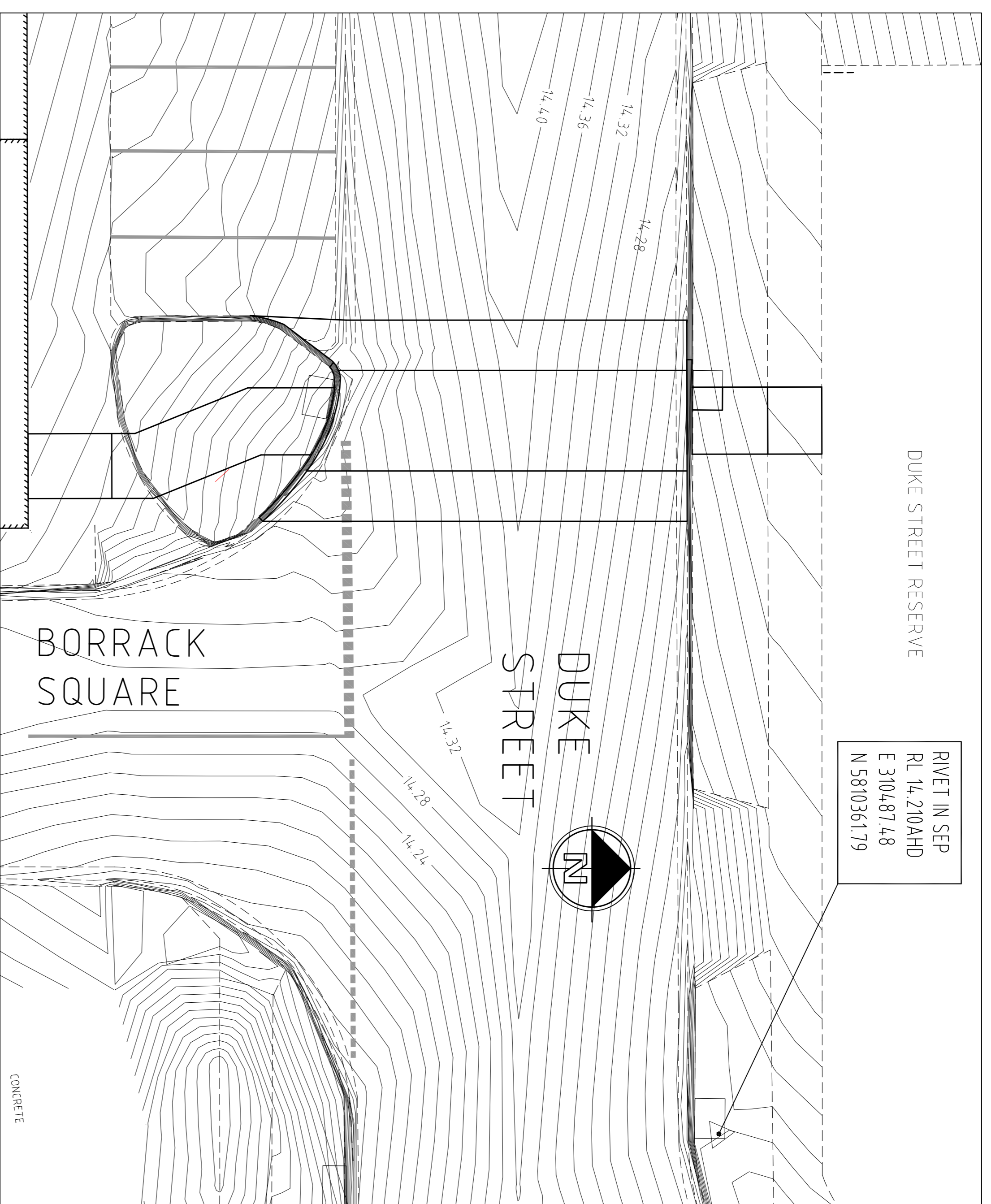


HOBSONS BAY CITY COUNCIL



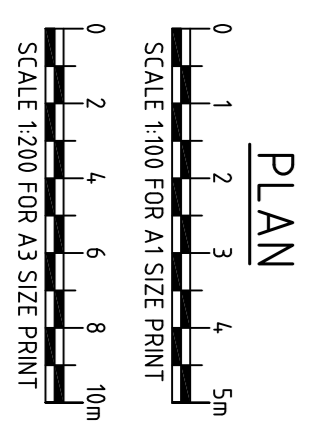
DO NOT SCALE DRAWING		Client
Designed & Drawn by: JD	Approved for issue: DM	CITY OF HOBSONS BAY
Date: 01-08-2023	Council Approved:	BORRACK SQUARE AND MCARTHURS ROAD
Title	Original Size	RAISED PAVEMENT TREATMENTS
DUKE RD / BORRACK SQ HUMPS DETAIL PLAN	A1	FILE NAME: RS3083-C1.DWG
Sheet: 5	Rev: D	DRAWING NO: RS3083-C5





**DETAIL DESIGN**

AMENDMENTS	REV	DATE



**WARNING**  
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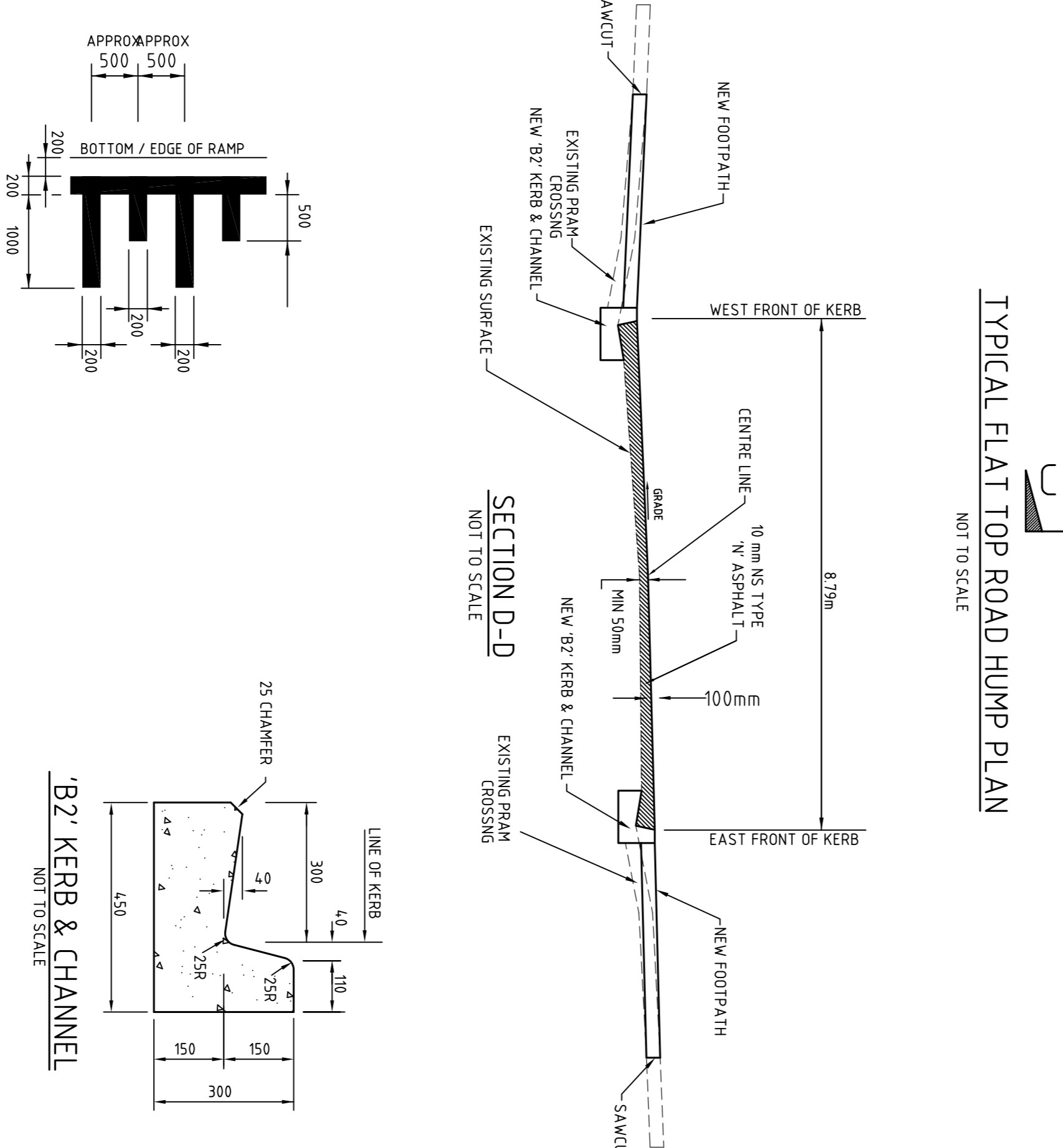
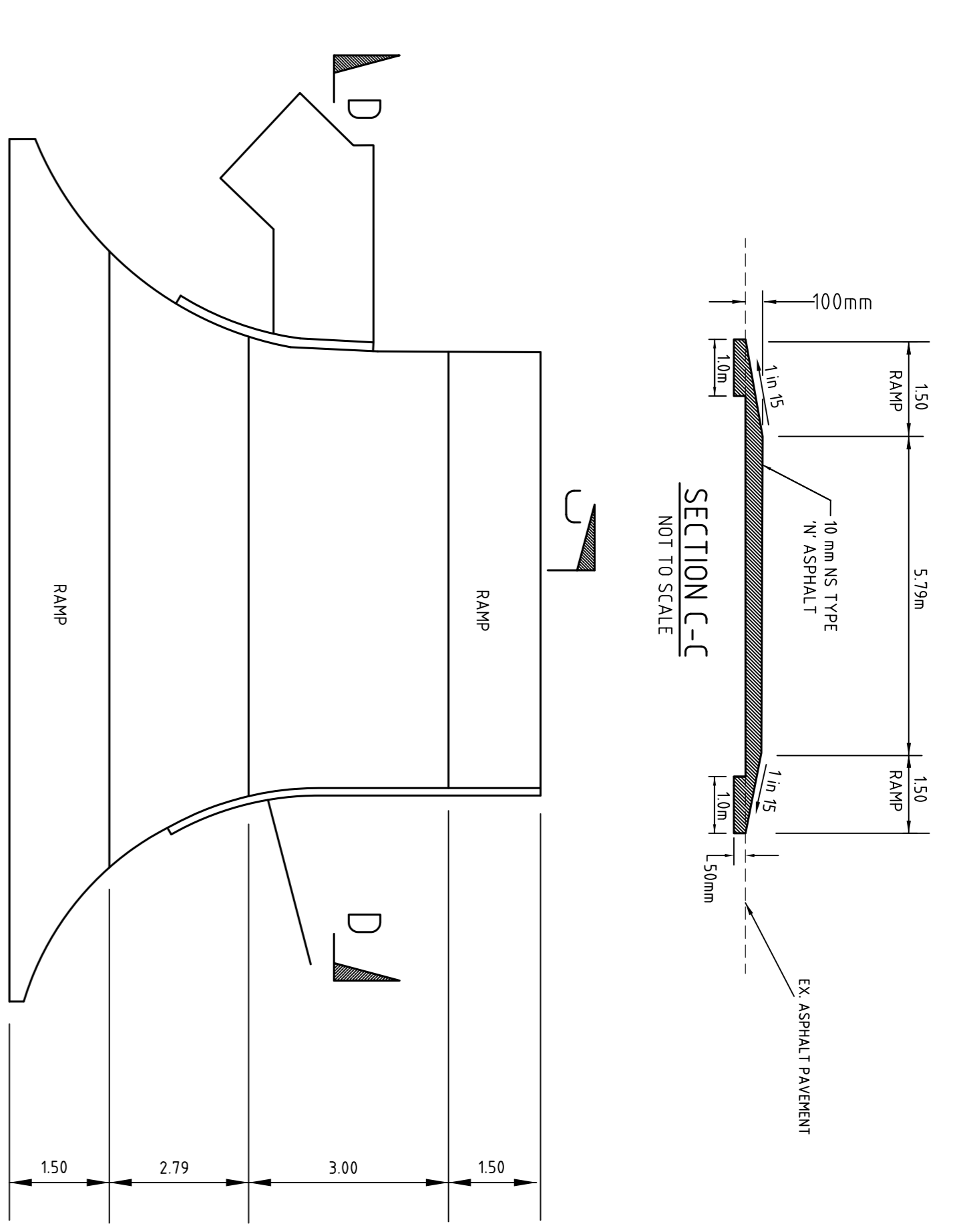
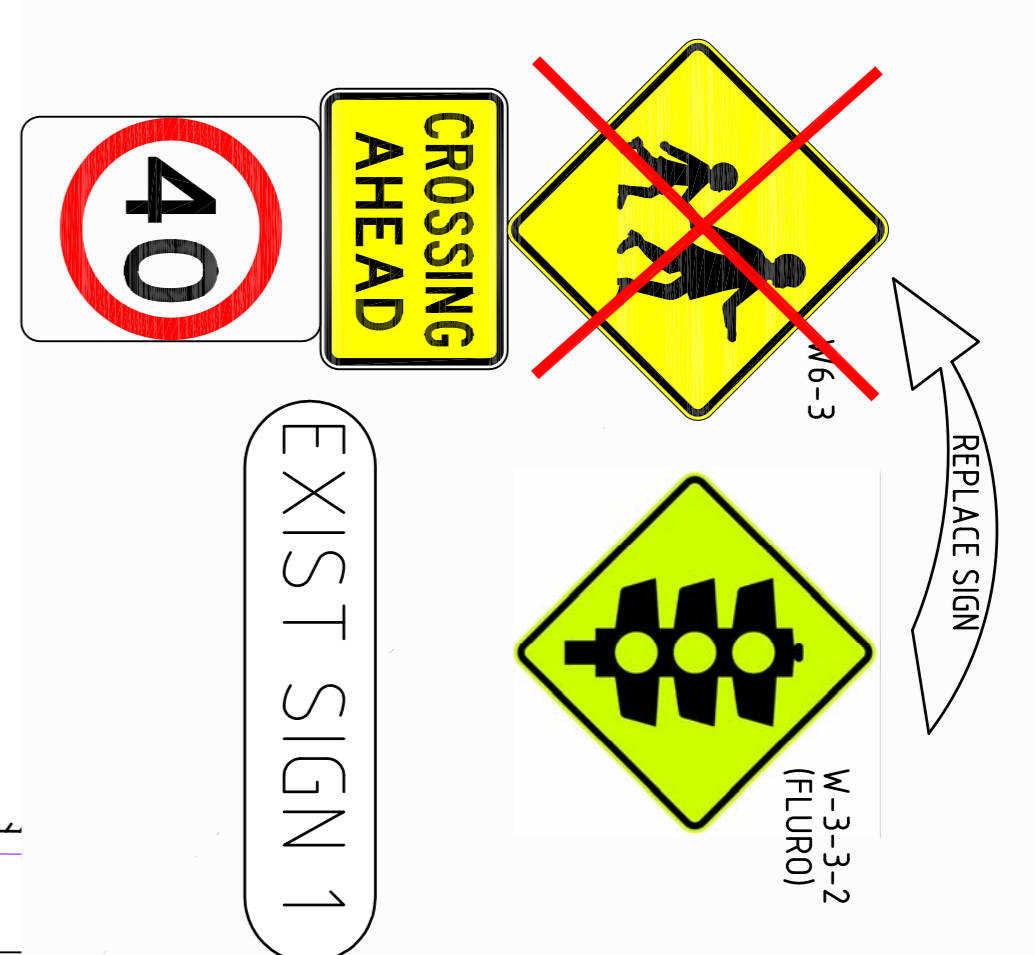
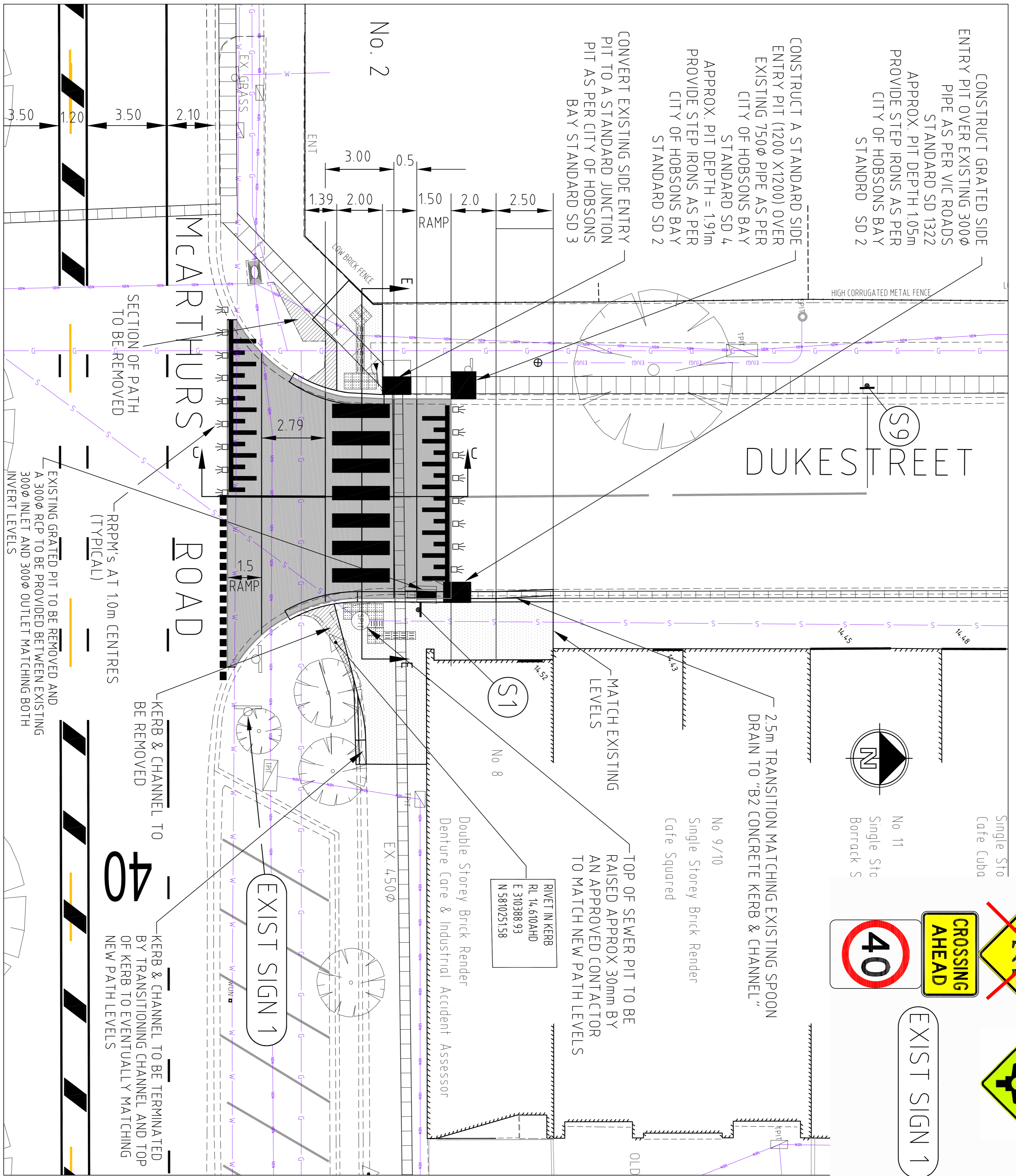


**DO NOT SCALE DRAWING**  
 Designed & Drawn by: JD  
 Approved for Issue: DM  
 Date: 01-08-2023  
 Council Approved:  
 Date:

Client	CITY OF HOBSONS BAY	Sheet: 6
Project	BORRACK SQUARE AND McARTHURS ROAD RAISED PAVEMENT TREATMENTS	Rev: C
Title	DUKE RD / BORRACK SQ HUMPS LEVELS PLAN	
Original Size	A1	
FILE NAME:	RS3083-C1.DWG	
DRAWING NO:	RS3083-C6	



- LEGEND:**
- RAISED PAVEMENT TREATMENT AS PER DETAIL ON SHEET 5, 7 & 9
  - NEW CONCRETE FOOTPATH AS PER CITY OF HOBSONS BAY STANDARD SD21
  - PAVEMENT TO BE EXCAVATED TO A DEPTH OF 350mm AND BACKFILLED WITH APPROVED TOP SOIL IN A STRAIGHT GRADE AND GRASS SEED
  - TACTILE PAVERS (WARNING) COLOUR: WHITE (TYPICAL)
  - TACTILE PAVERS (DIRECTIONAL) COLOUR: WHITE (TYPICAL)



**AMENDMENTS**

REV	DATE

**PLAN**

SCALE 1:100 FOR A3 SIZE PRINT

SCALE 1:200 FOR A3 SIZE PRINT

**WARNING**

BEWARE OF UNDERGROUND SERVICES

THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEES GIVEN THAT ALL EXISTING SERVICES ARE SHOWN

DESIGN BY: **ROAD SOLUTIONS**

CLIENT: **HOBSONS BAY CITY COUNCIL**

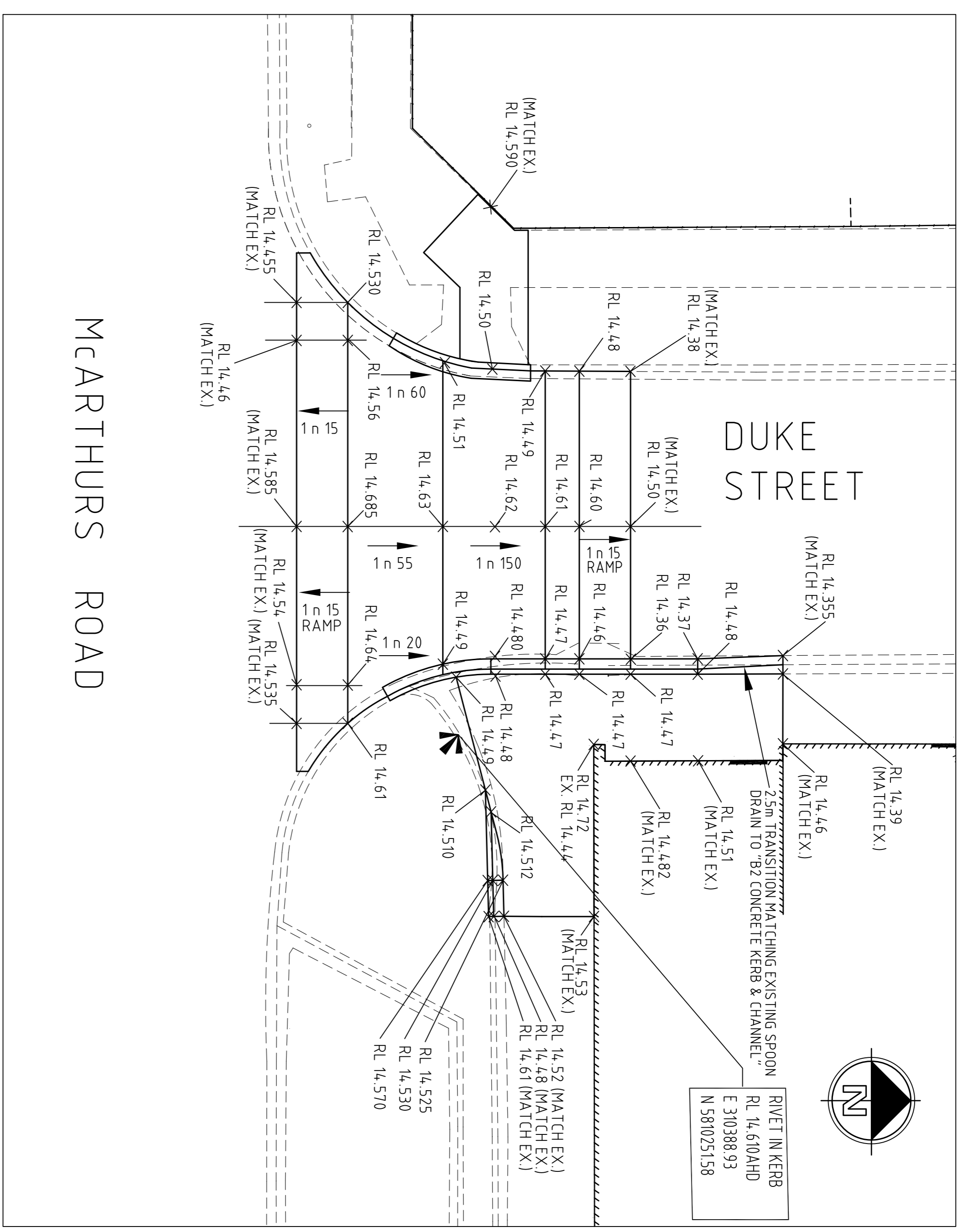
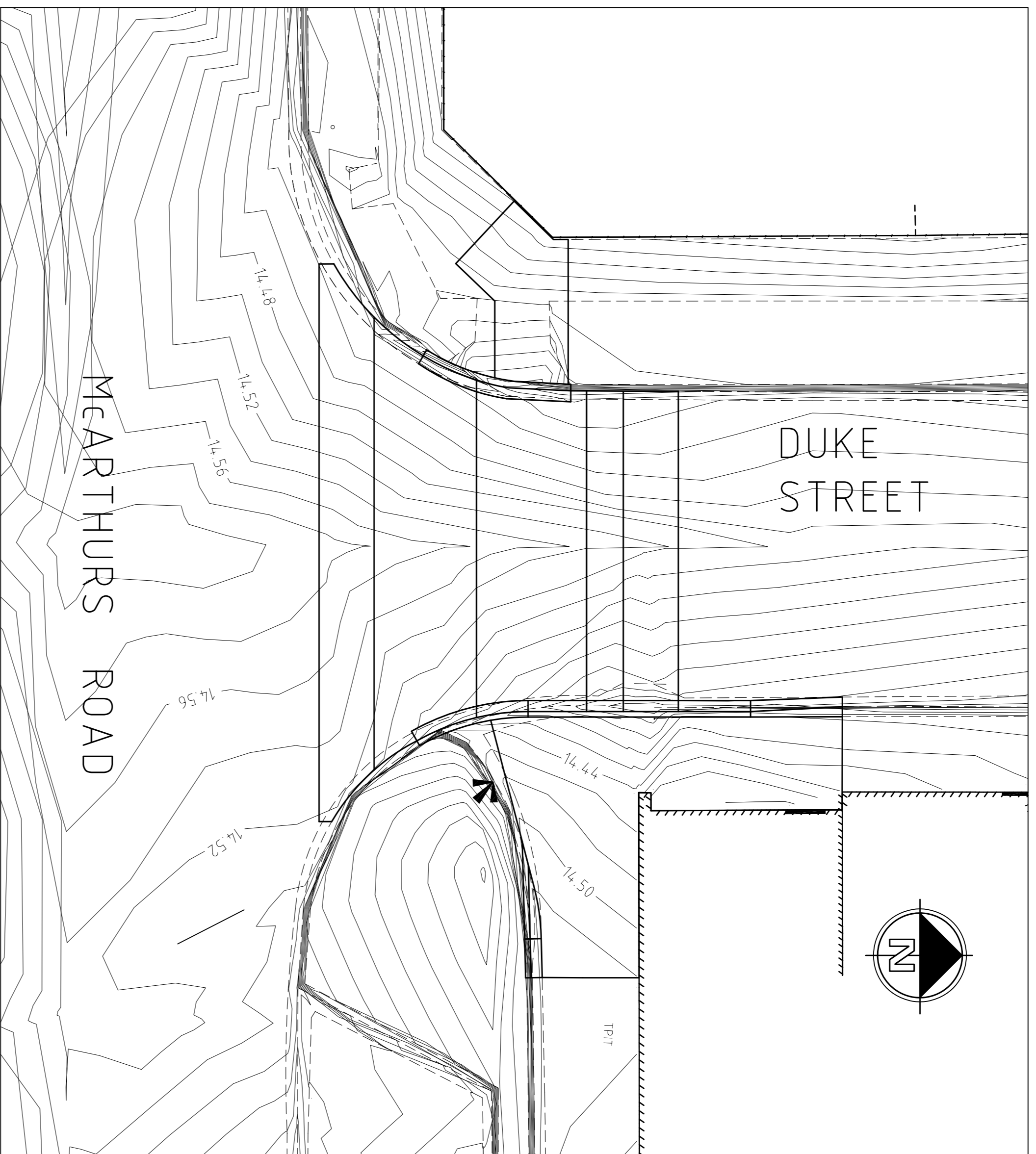
**DO NOT SCALE DRAWING**

Designed & Drawn by: JD	Client: CITY OF HOBSONS BAY
Approved for issue: DM	Project: BORRACK SQUARE AND MCCARTHURS ROAD RAISED PAVEMENT TREATMENTS
Date: 02-08-2023	Title: MCCARTHURS RD / DUKE RD HUMPS DETAIL PLAN
Council Approved:	Original Size: A1
Date:	FILE NAME: RS3083-C1.DWG
	DRAWING NO: RS3083-C7
	Rev: E

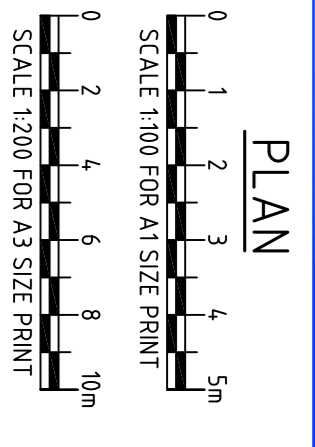
Sheet: 7

**DETAIL DESIGN**





**DETAIL DESIGN**



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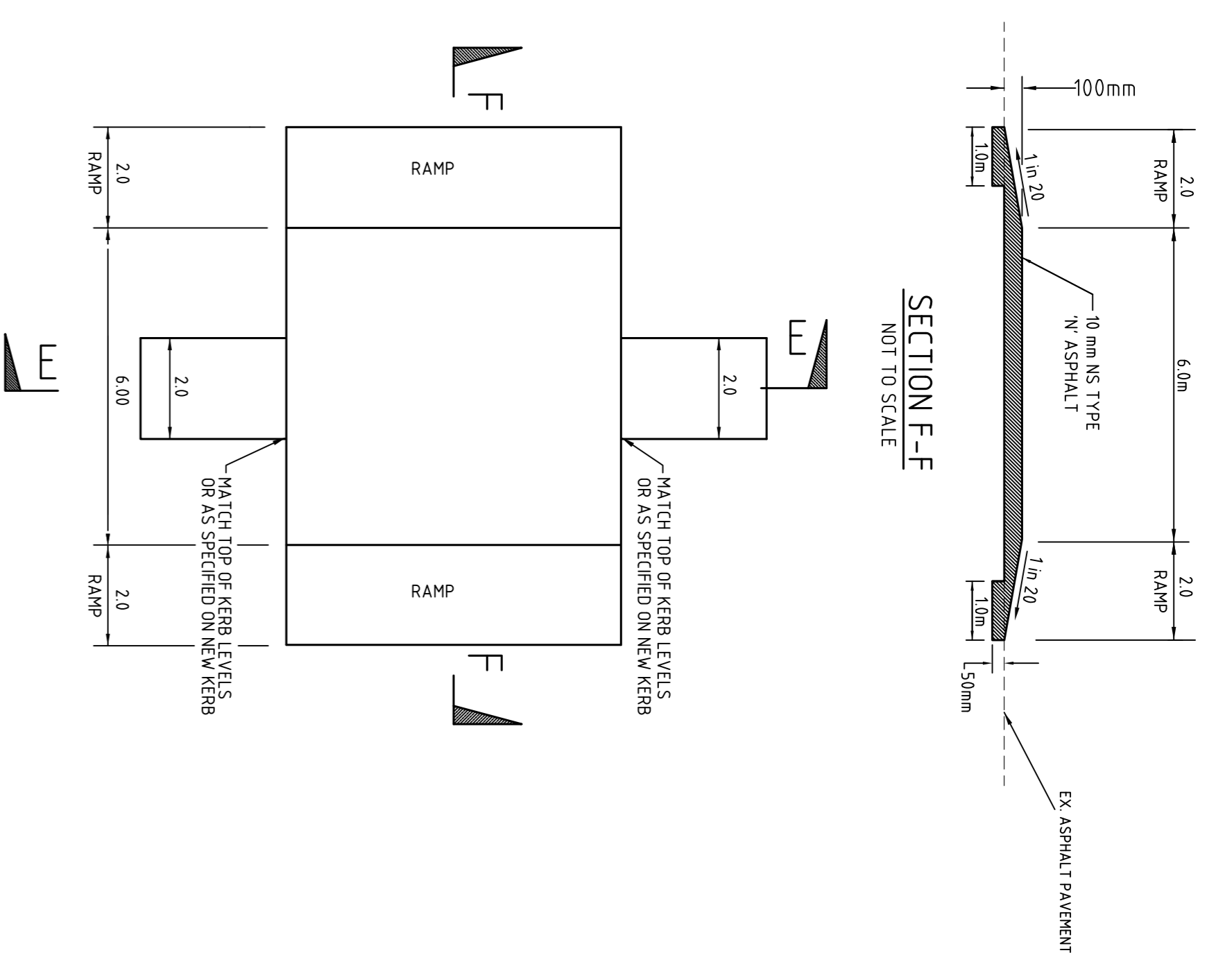
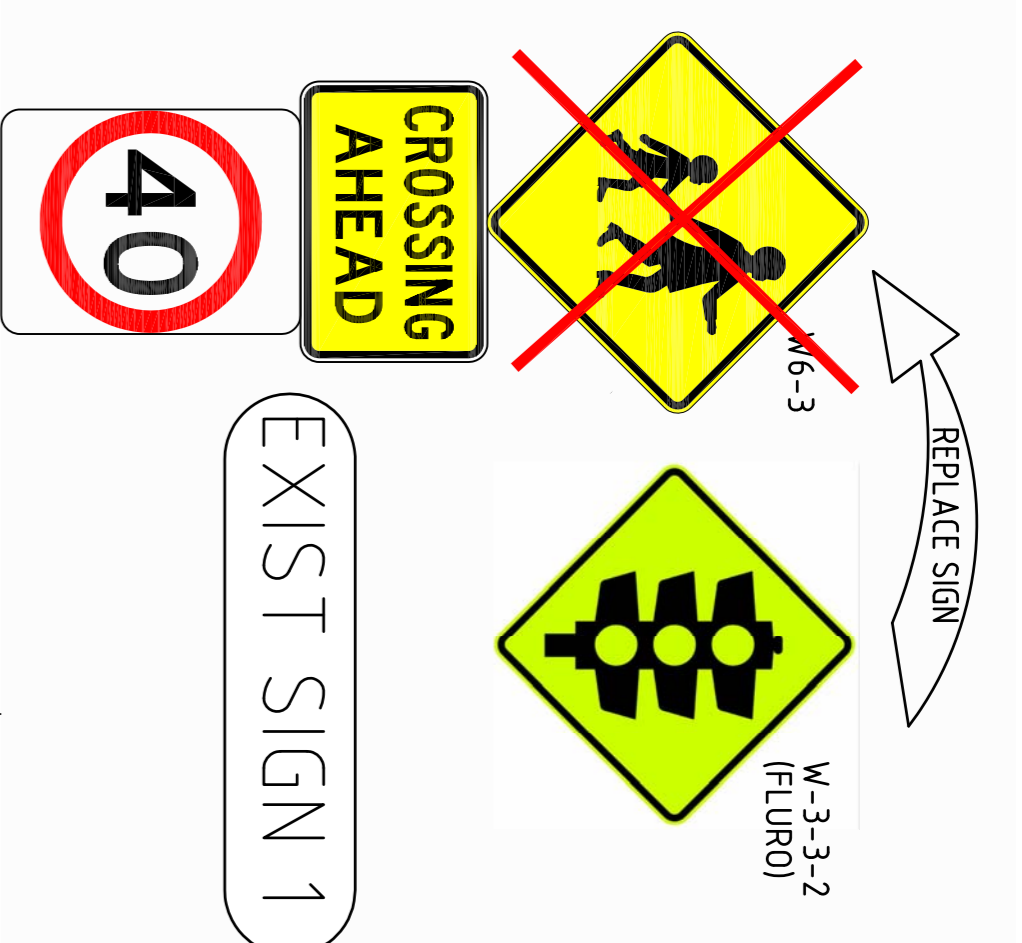
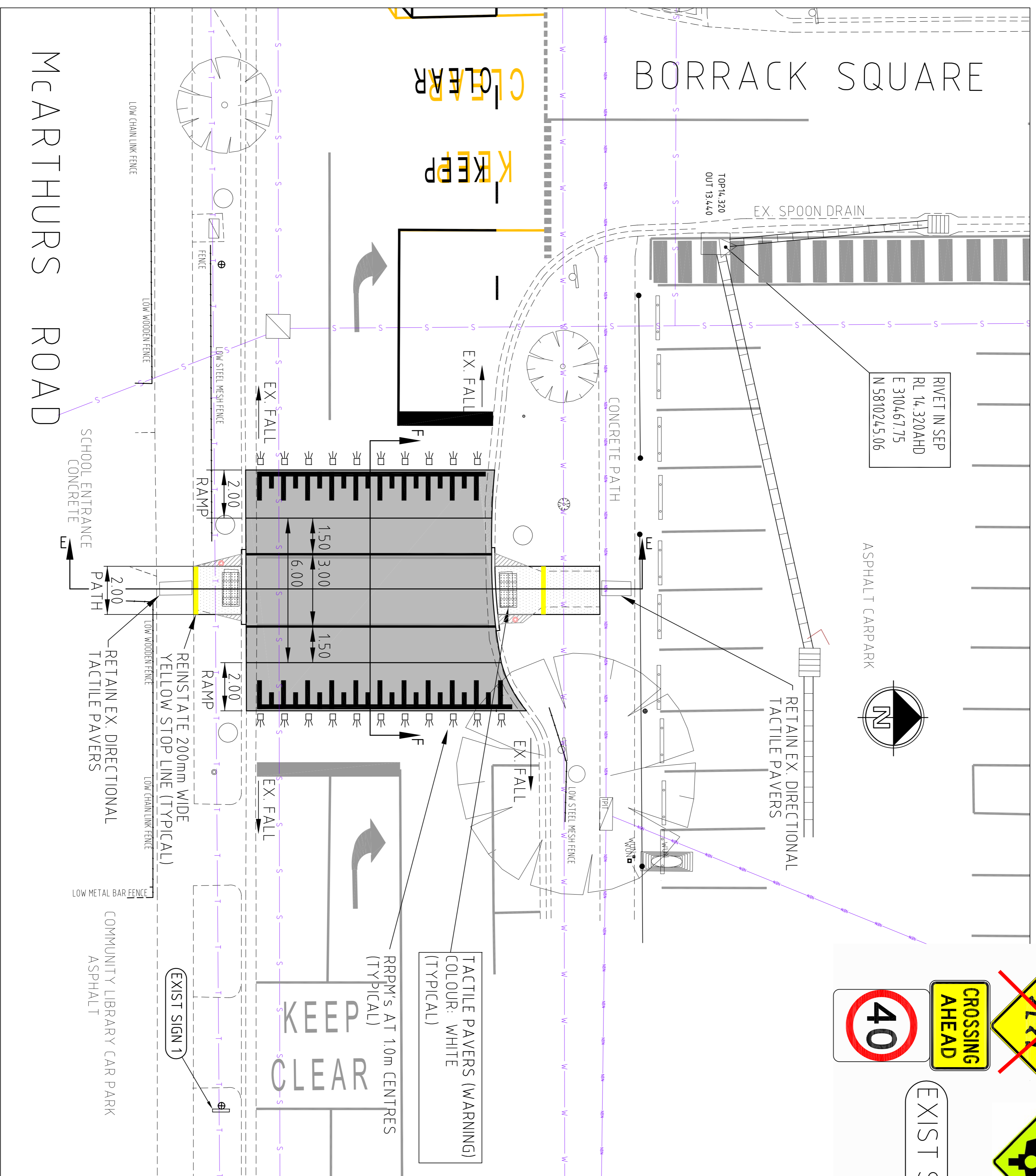
Designed & Drawn by: JD  
Approved for Issue: DM  
Date: 02-08-2023  
Council Approved:

Client	CITY OF HOBSONS BAY	Sheet: 8
Project	BORRACK SQUARE AND MCARTHURS ROAD RAISED PAVEMENT TREATMENTS	Rev: F
Title	MCARTHURS RD / DUKE RD HUMP LEVELS PLAN	
Original Size	A1	
File Name	FILE NAME: RS3083-C1.DWG	
Drawing No	DRAWING NO: RS3083-C8	

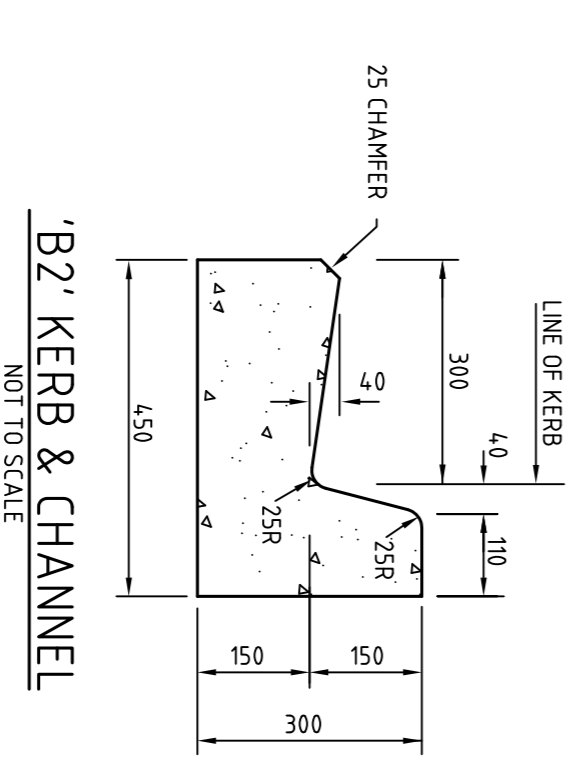
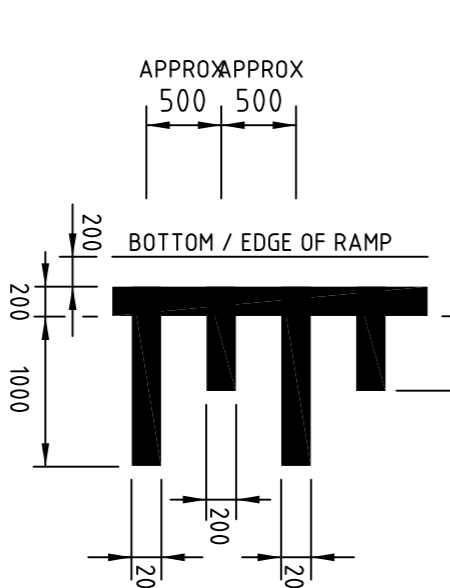
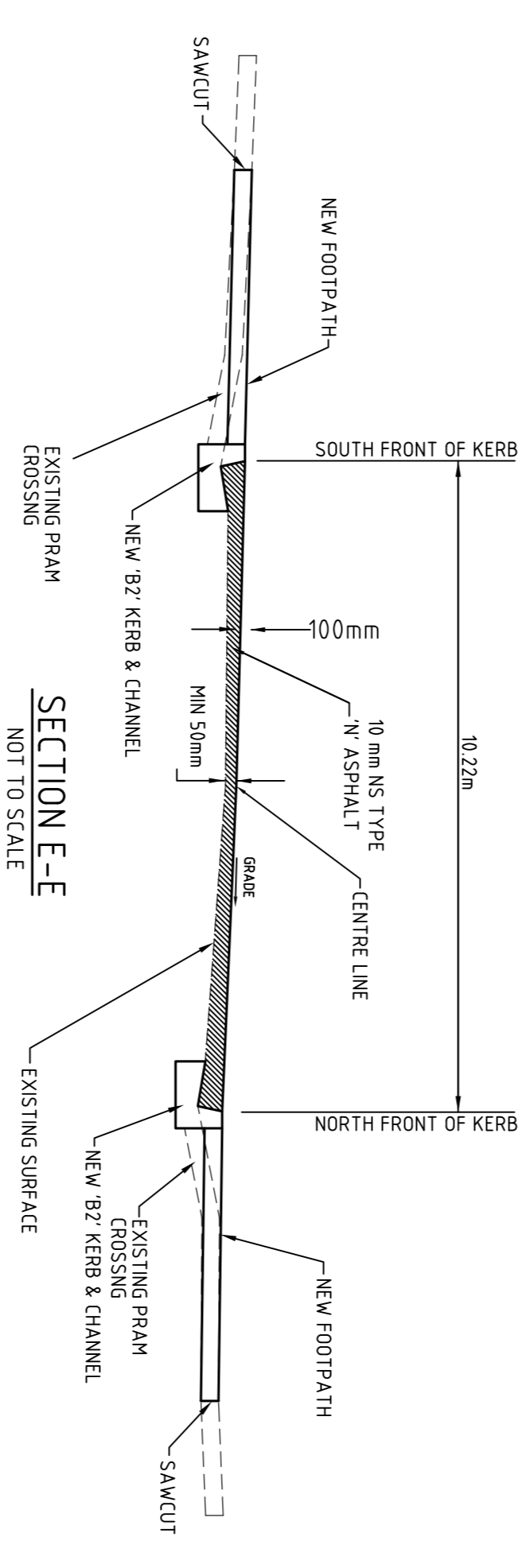
AMENDMENTS	REV	DATE



- LEGEND:**
- RAISED PAVEMENT TREATMENT AS PER DETAIL ON SHEET 5, 7 & 9
  - NEW CONCRETE FOOTPATH AS PER CITY OF HOBSONS BAY STANDARD SD21
  - PAVEMENT TO BE EXCAVATED TO A DEPTH OF 350mm AND BACKFILLED WITH APPROVED TOP SOIL IN A STRAIGHT GRADE AND GRASS SEEDD
  - TACTILE PAVERS (WARNING) (TYPICAL) COLOUR: WHITE
  - TACTILE PAVERS (DIRECTIONAL) (TYPICAL) COLOUR: WHITE



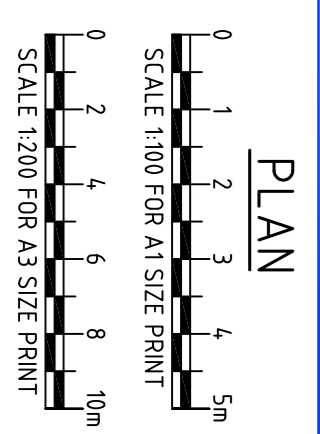
TYPICAL FLAT TOP ROAD HUMP PLAN  
NOT TO SCALE



- RAISED PAVEMENT TREATMENT LINEMARKING DETAIL**  
NOT TO SCALE
- ALL LINEMARKING TO BE LONG LIFE THERMOPLASTIC PAINT**
- TYPICAL PROPOSED LINEMARKING
  - TYPICAL EXISTING LINEMARKING
  - TYPICAL EXISTING LINEMARKING TO BE REMOVED

**DETAIL DESIGN**

AMENDMENTS	REV	DATE



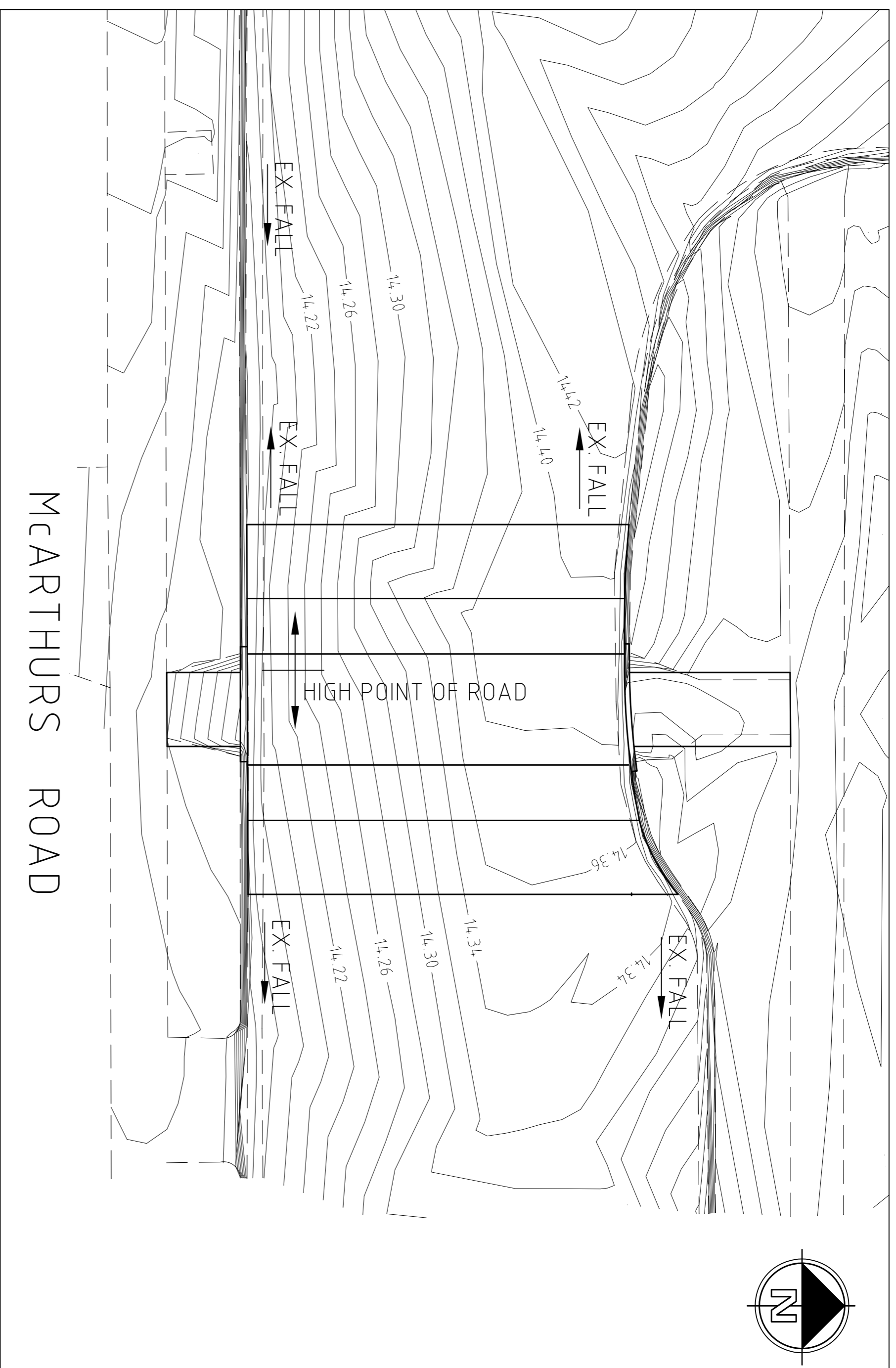
**WARNING**  
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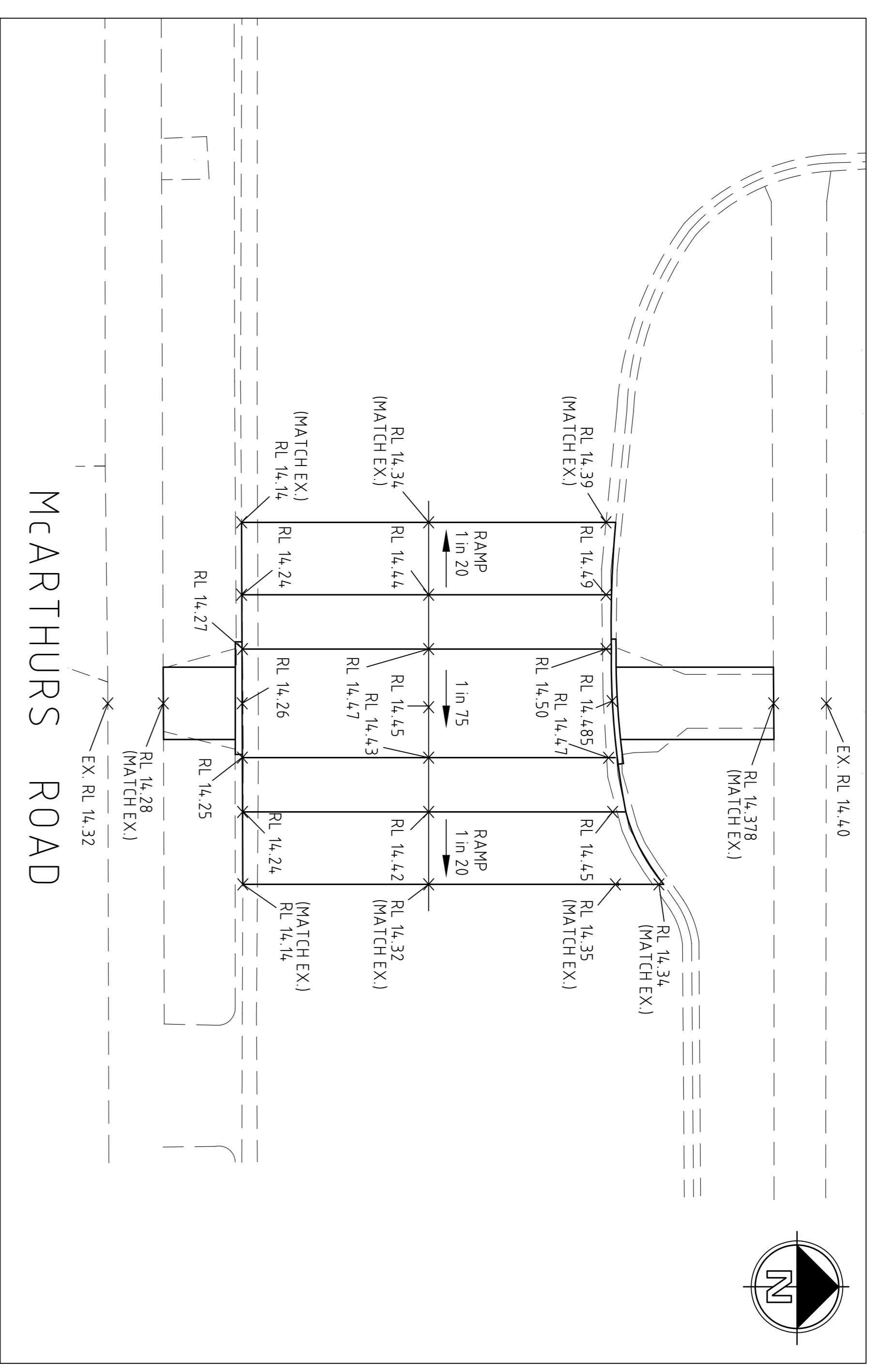
**DO NOT SCALE DRAWING**  
Designed & Drawn by: JD  
Approved for issue: DM  
Date: 14-07-2023  
Council Approved:

Client: **CITY OF HOBSONS BAY**  
Project: **BORRACK SQUARE AND MCARTHURS ROAD RAISED PAVEMENT TREATMENTS**  
Title: **MCARTHURS RD / BORRACK SQ HUMP DETAIL PLAN**  
Original Size: **A1**  
File Name: **RS3083-C1.DWG**  
Drawing No: **RS3083-C9**  
Sheet: **9**  
Rev: **D**



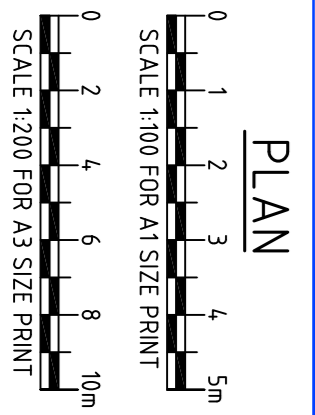


EXISTING CONTOUR PLAN  
SCALE 1:100 FOR A1 SIZE PRINT



PROPOSED LEVELS PLAN  
SCALE 1:100 FOR A1 SIZE PRINT

AMENDMENTS	REV	DATE



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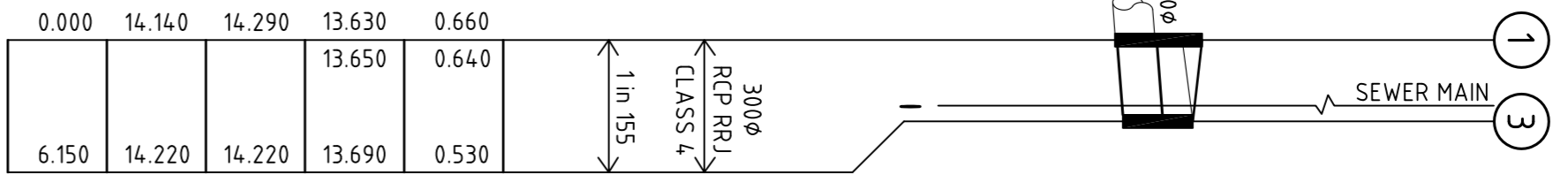
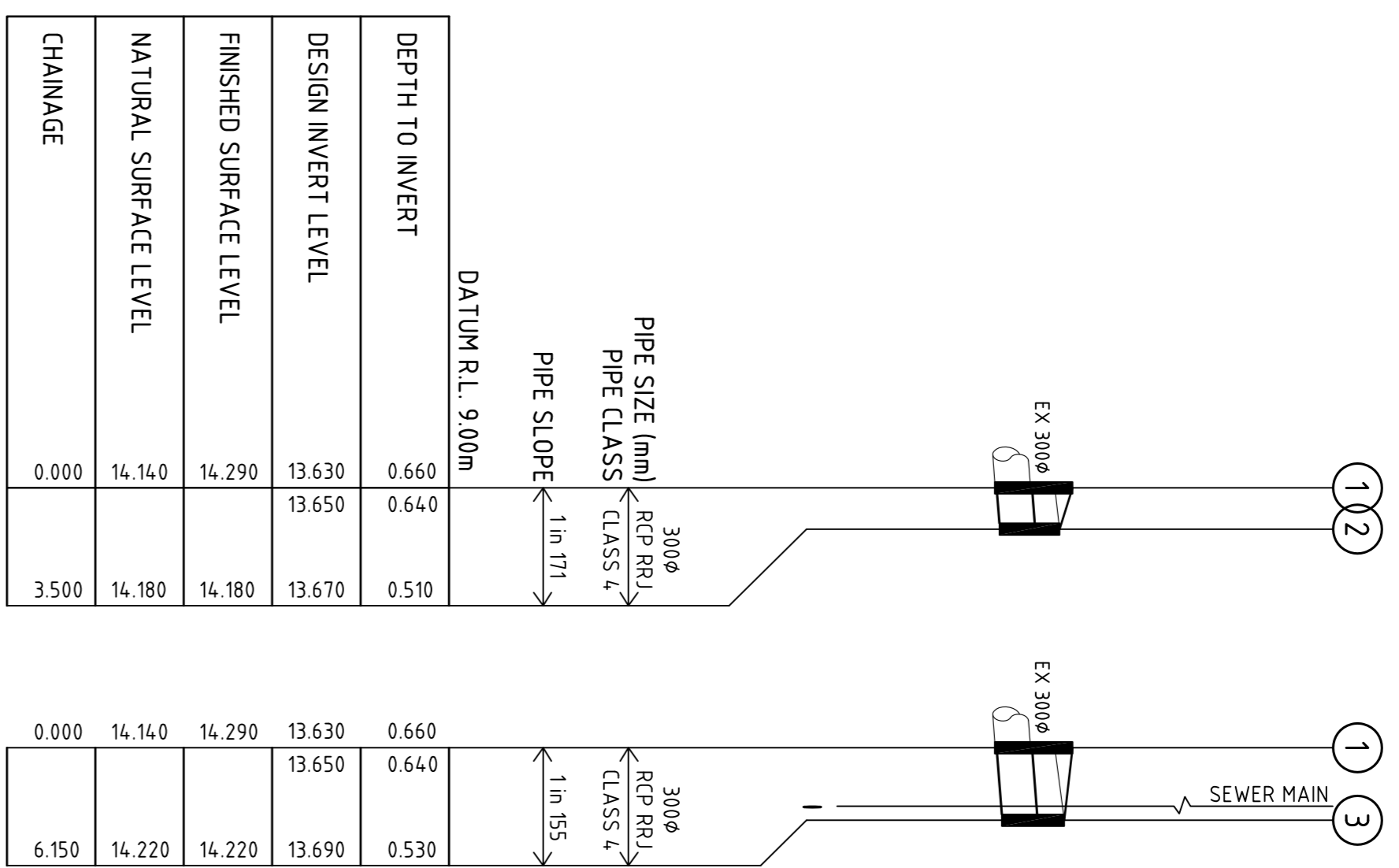


**DO NOT SCALE DRAWING**  
Designed & Drawn by: JD  
Approved for issue: DM  
Date: 20-04-2023  
Council Approved:  
Date:

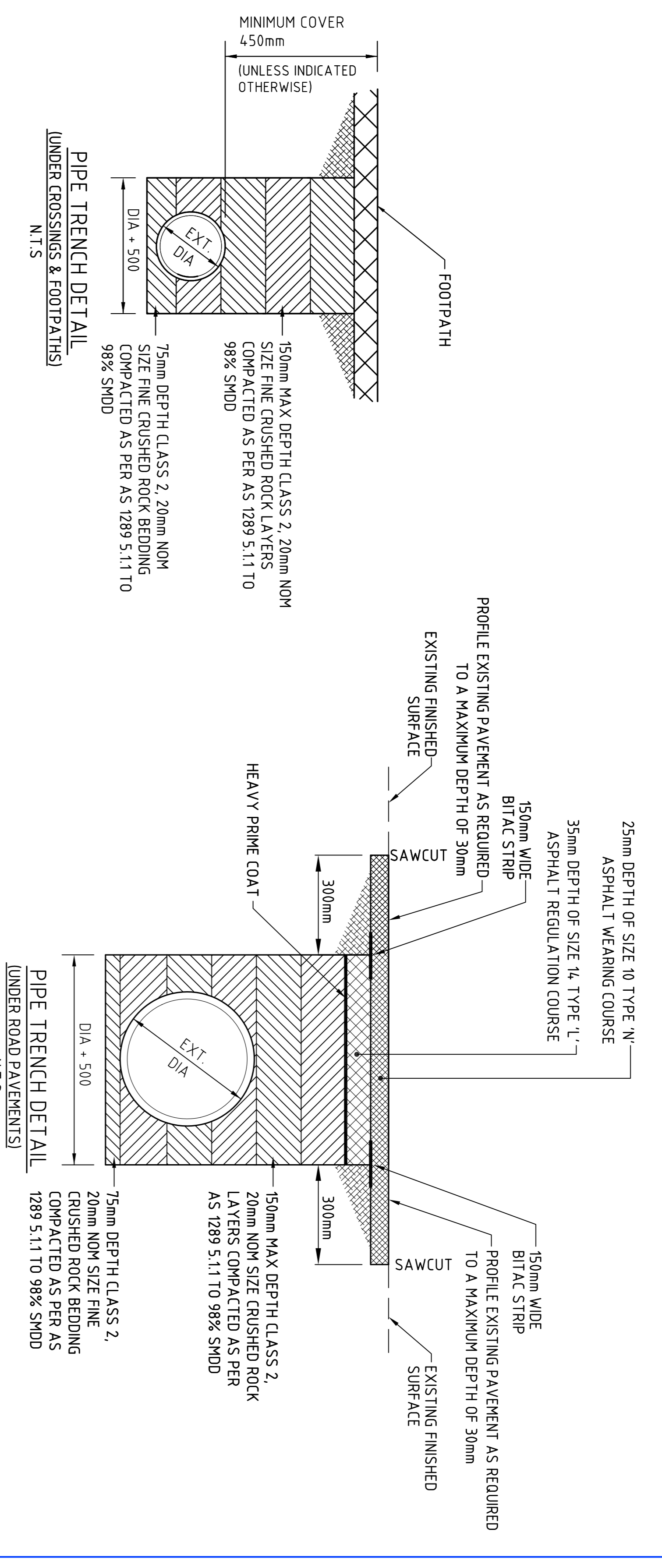
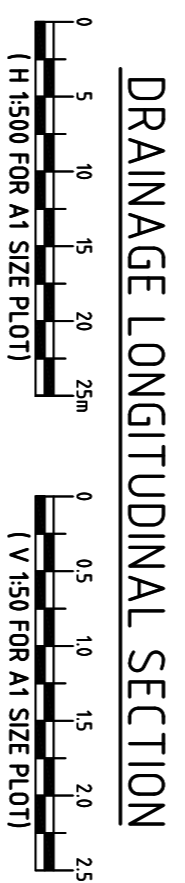
Client: **CITY OF HOBSONS BAY**  
Project: **BORRACK SQUARE AND MCARTHURS ROAD RAISED PAVEMENT TREATMENTS**  
Title: **MCARTHURS RD / BORRACK SQ HUMP LEVELS PLAN**  
Original Size: **A1**  
FILE NAME: **RS3083-C1.DWG**  
DRAWING NO: **RS3083-C10**  
Sheet: **10**  
Rev: **C**

**DETAIL DESIGN**





TRCP - FIBRE REINFORCED CONCRETE PIPE  
RRJ - RUBBER RING JOINT



### DRAINAGE LONGITUDINAL SECTION

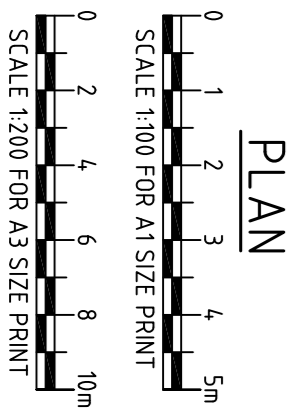
DEPTH TO INVERT	DESIGN INVERT LEVEL	FINISHED SURFACE LEVEL	NATURAL SURFACE LEVEL	CHAINAGE
0.660	13.630	14.140	14.180	0.000
0.640	13.650	14.290	14.140	14.140
0.510	13.670	14.180	14.180	3.500

DEPTH TO INVERT	DESIGN INVERT LEVEL	FINISHED SURFACE LEVEL	NATURAL SURFACE LEVEL	CHAINAGE
0.660	13.630	14.140	14.180	0.000
0.640	13.650	14.290	14.140	14.140
0.530	13.690	14.220	14.220	6.150

### PIT SCHEDULE

PIT No.	TYPE	INTERNAL		INLET		OUTLET		PIT DEPTH	REMARKS
		WID.	LEN.	DIA.	INV. R.L.	DIA.	INV. R.L.		
1	JUNCTION PIT	600	900	300	13.650	EX. 300	13.630	0.660	PIT TO BE CONSTRUCTED OVER EX. 3000 SMD AS PER CITY OF HOBSONS BAY STANDARD S003 WITH CLASS 'D' HEAVY DUTY GRATED COVER
2	GRADED PIT	600	900	300	13.650	---	---	0.510	PIT TO BE CONSTRUCTED AS PER CITY OF HOBSONS BAY STANDARD S003 WITH CLASS 'D' HEAVY DUTY GRATED COVER
3	GRADED PIT	600	900	300	13.650	---	---	0.530	PIT TO BE CONSTRUCTED AS PER CITY OF HOBSONS BAY STANDARD S003 WITH CLASS 'D' HEAVY DUTY GRATED COVER

\*NOTE: ALL TOP OF PIT LEVELS ADJACENT KERB ALIGNMENTS ALSO REFER TO TOP OF KERB LEVELS.



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DESIGN BY:



CLIENT:



DO NOT SCALE DRAWING

Designed & Drawn by: JD  
Approved for issue: DM  
Date: 20-04-2023  
Council Approved:  
Date:

### DETAIL DESIGN

Client	CITY OF HOBSONS BAY
Project	BORRACK SQUARE AND MCGARTHURS ROAD RAISED PAVEMENT TREATMENTS
Title	DUKE RD / BORRACK SQ HUMPS DRAINAGE DETAILS
Original Size	A1
File Name	FILE NAME: RS3083-C1.DWG
Drawing No.	DRAWING NO: RS3083-C11
Rev.	C

AMENDMENTS

REV DATE

SCALE 1:1000 FOR A3 SIZE PRINT  
SCALE 1:200 FOR A3 SIZE PRINT

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DESIGN BY:



DO NOT SCALE DRAWING  
Designed & Drawn by: JD  
Approved for issue: DM  
Date: 20-04-2023  
Council Approved:  
Date:

Client	CITY OF HOBSONS BAY
Project	BORRACK SQUARE AND MCGARTHURS ROAD RAISED PAVEMENT TREATMENTS
Title	DUKE RD / BORRACK SQ HUMPS DRAINAGE DETAILS
Original Size	A1
File Name	FILE NAME: RS3083-C1.DWG
Drawing No.	DRAWING NO: RS3083-C11
Rev.	C

Sheet: 11