



LOCALITY PLAN  
N.T.S.

# DRAKESBROOK WEIR

## WEIR ROAD, WAROONA

### PROPOSED INTERNAL SITE CIVIL WORKS

### SHIRE OF WAROONA

CONTENTS:

- WR396-D01 / C - COVER SHEET / OVERALL LAYOUT
- WR396-D02 / B - TYPICAL DETAILS
- WR396-D03 / C - CIVIL WORKS GENERAL LAYOUT #1
- WR396-D04 / C - CIVIL WORKS GENERAL LAYOUT #2
- WR396-D05 / B - MC01 CROSS-SECTIONS CH30-120m
- WR396-D06 / B - MC01 CROSS-SECTIONS CH130-220m
- WR396-D07 / B - MC01 CROSS-SECTIONS CH230-240m

EXTENT OF WORKS

- SEPARABLE PORTION 1 - PLAYGROUND & PARKING
- SEPARABLE PORTION 2 - PARKING & WATER ACCESS
- SEPARABLE PORTION 3 - BIG MARRON & WATER ZONE



OVERALL LAYOUT  
SCALE 1:750

GENERAL NOTES:

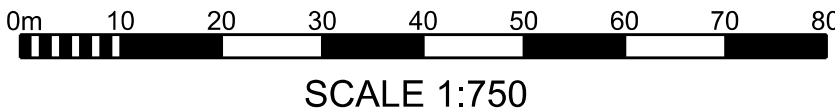
- 1) AN APPROVED TRAFFIC MANAGEMENT PLAN IS TO BE PREPARED PRIOR TO THE COMMENCEMENT OF WORKS.
- 2) CONFIRM LOCATION OF ALL SERVICES PRIOR TO COMMENCEMENT OF WORKS. SHOULD ANY SERVICE CLASHES BECOME EVIDENT, NOTIFY THE SUPERVISOR IMMEDIATELY.
- 3) DO NOT SCALE FROM DRAWINGS. IF IN DOUBT, ASK.
- 4) THESE DRAWINGS DO NOT DEFINE PROPERTY BOUNDARIES.
- 5) ENSURE WORKSITE IS LEFT CLEAN AND TIDY.

ROAD & DRAINAGE CONSTRUCTION NOTES:

- 1) UNDERTAKE ALL ROAD AND DRAINAGE CONSTRUCTION WORKS TO REQUIREMENTS OF DRAWINGS & SPECIFICATIONS AND/OR COUNCIL REQUIREMENTS.
- 2) DO NOT DISTURB VEGETATION OR TREES THAT ARE TO REMAIN.

EARTHWORKS NOTES:

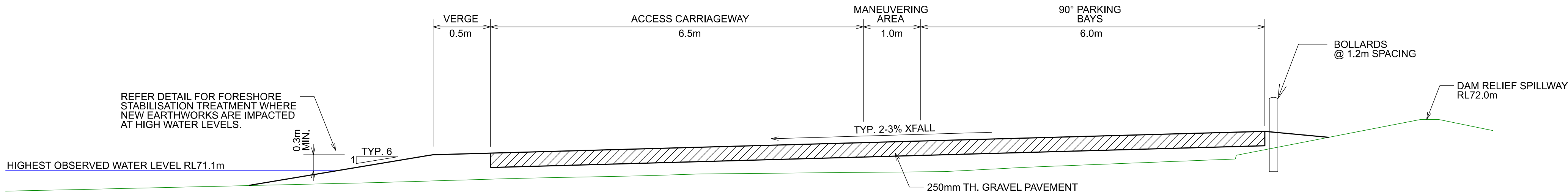
- 1) PRIOR TO UNDERTAKING OF BULK EARTHWORKS, TOPSOIL AND ANY VEGETABLE MATTER IS TO BE STRIPPED AND REMOVED FROM SITE.
- 2) ANY SOFT SPOTS OR POOR SUBGRADES ENCOUNTERED ARE TO BE INVESTIGATED AND REMEDIAL TREATMENT APPLIED AS DIRECTED BY WORKS SUPERVISOR.
- 3) ALL EARTHWORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE SPECIFICATION AND/OR COUNCIL REQUIREMENTS.
- 4) ALL FILL MATERIAL IS TO BE CLEAN AND FREE OF ANY VEGETABLE MATTER.
- 5) FILL SHALL BE COMPACTED IN MAX. 300mm LOOSE THICKNESS LAYERS TO DENSITIES AS SPECIFIED.
- 6) FINISHED EARTHWORKS LEVELS ARE TO BE GRADED EVENLY BETWEEN DESIGN SPOT HEIGHTS AND STRINGS.



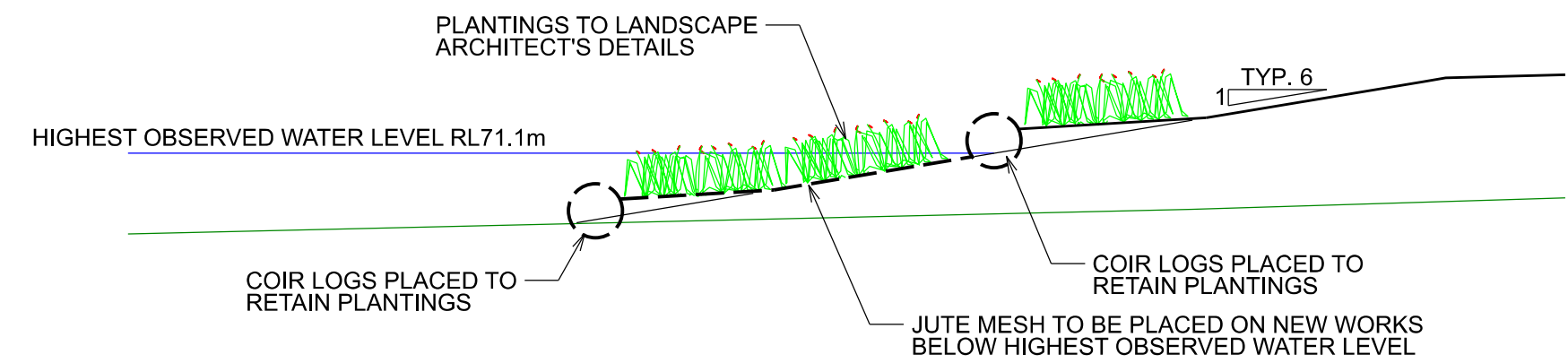
SCALE 1:750

C A	WORKS EXTENTS ADDED 100% DESIGN ISSUE DRAFT FULL DRAWING SET	22-2-23 14-12-22 8-12-22	 Civil Infrastructure Design - Project & Asset Management P.O. Box 2209 BUNBURY WA 6231 Phone : 0409 879 059 Email : coatescivilconsulting@bigpond.com	SCALE 1 : 750 (A1)	SURVEYED: L.B. F.B. DATE: DESIGNED & DRAWN: C Coates DATE: AUG 2022 CHECKED: DATE: APPROVED: DATE:	THESE PLANS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BELOW. DATE : .....	CLIENT:  SHIRE OF WAROONA SEA TO SCARP	DRAKESBROOK WEIR UPGRADES WEIR ROAD, WAROONA INTERNAL SITE CIVIL WORKS COVER SHEET / OVERALL LAYOUT	DRAWING No. WR396-D01	
									SHEET No. 1 OF 7	ISSUE DATE: FEB 2023
MK	DETAILS OF AMENDMENTS	APPROVED	DATE	DATUM: AHD ORIGIN OF LEVELS: PM xxxx RL xxx.xxx	DATE:	DATE:				C

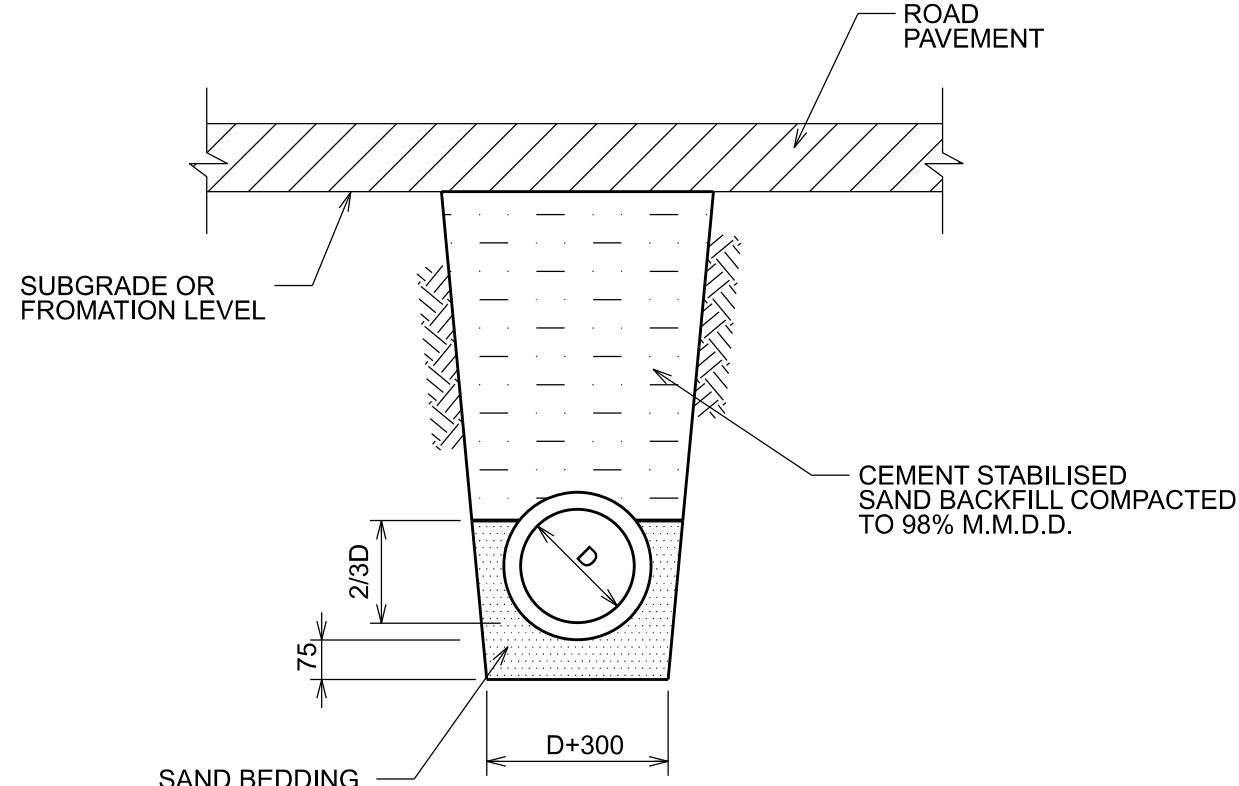




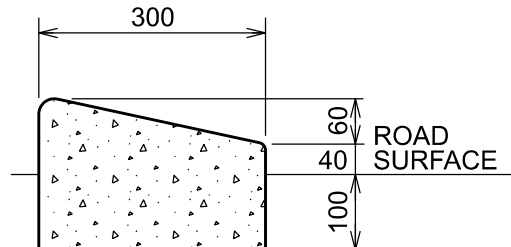
TYPICAL SECTION A-A (CH40m)  
SCALE 1:50



TYPICAL FORESHORE STABILISATION DETAIL  
SCALE 1:25

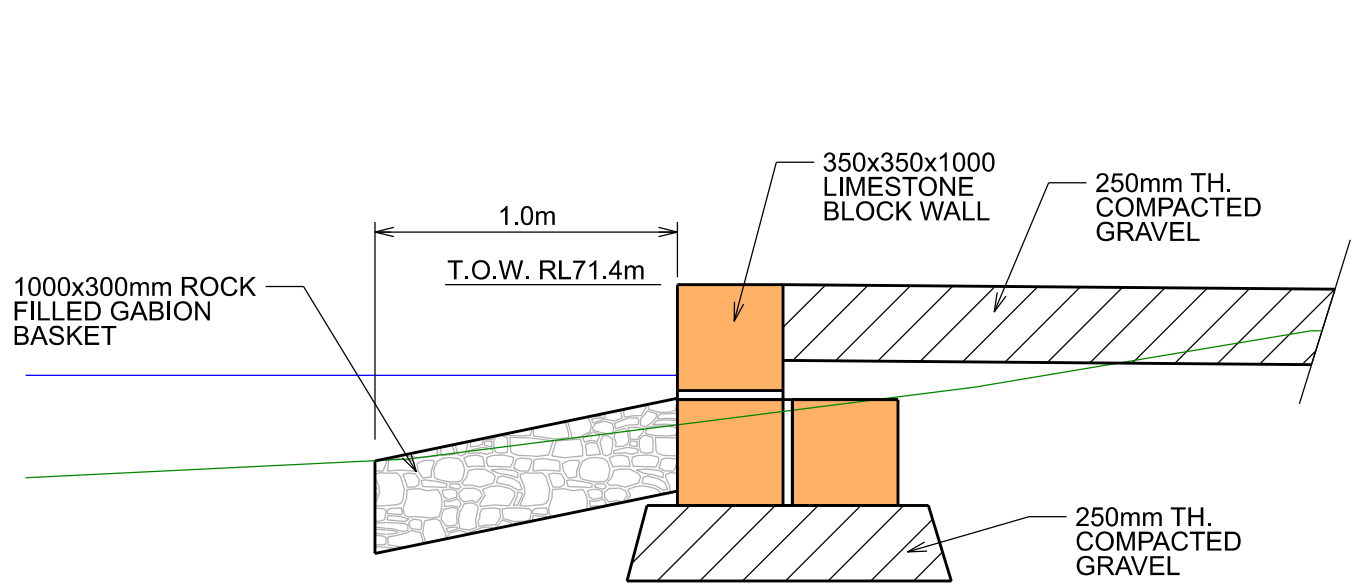


TRENCH UNDER ROAD PAVEMENTS  
(DRY CONDITIONS)  
N.T.S.

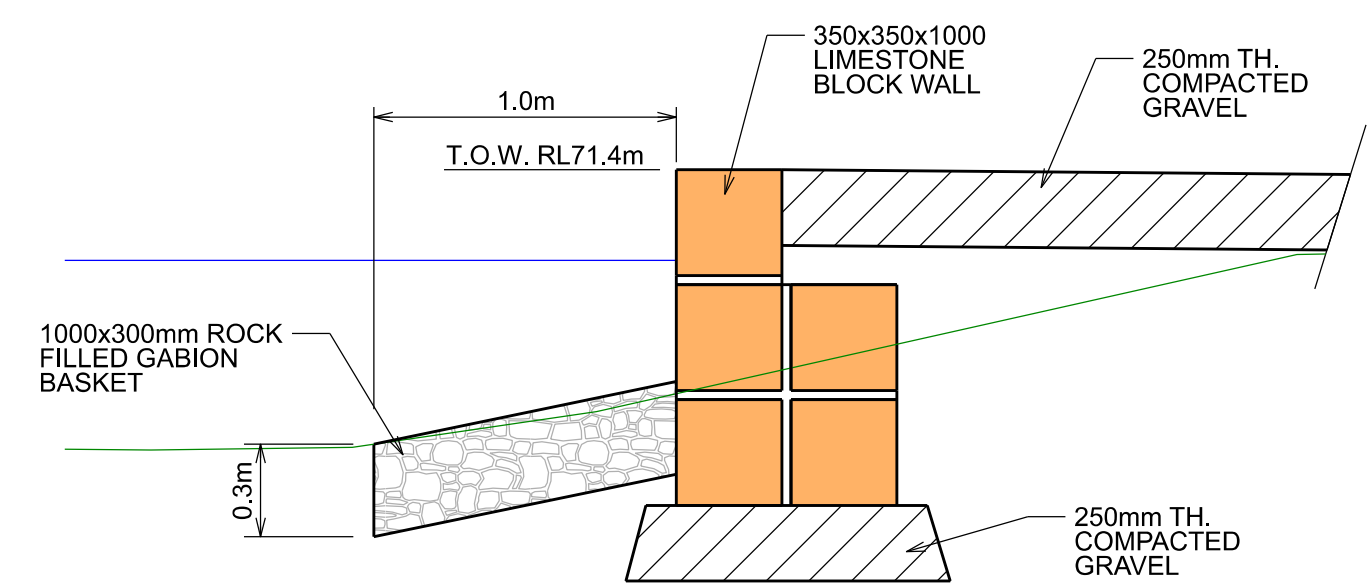


MOUNTABLE KERB PROFILE

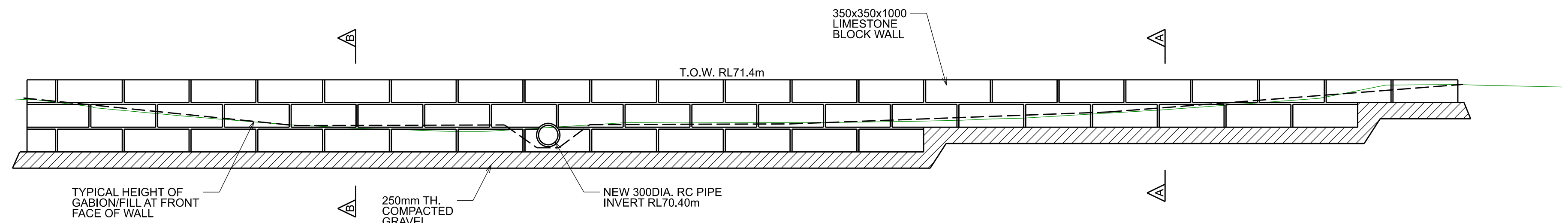
- KERB NOTES:**
1. ALL RADII ARE 20mm UNLESS OTHERWISE NOTED.
  2. CONCRETE CLASS TO BE N32.
  3. TRANSITIONS OF KERB PROFILE TYPE OR AT KERBING TERMINI ARE TO BE OVER A MINIMUM 1200mm LENGTH.
  4. CONTRACTION JOINTS SHALL BE FORMED BY A GROOVING TOOL EVERY 2.5m RUN OF KERB ALTERNATING WITH EXPANSION JOINTS.
  5. EXPANSION JOINTS SHALL BE CUT TO THE FULL THICKNESS OF THE KERB AT 5.0m INTERVALS AND SHALL BE 12mm WIDE.
  6. EXPANSION JOINTS SHALL BE FILLED WITH A BUTYLMASTIC COMPOUND FILLER AND FOAM OR POLYURETHANE BACKING.



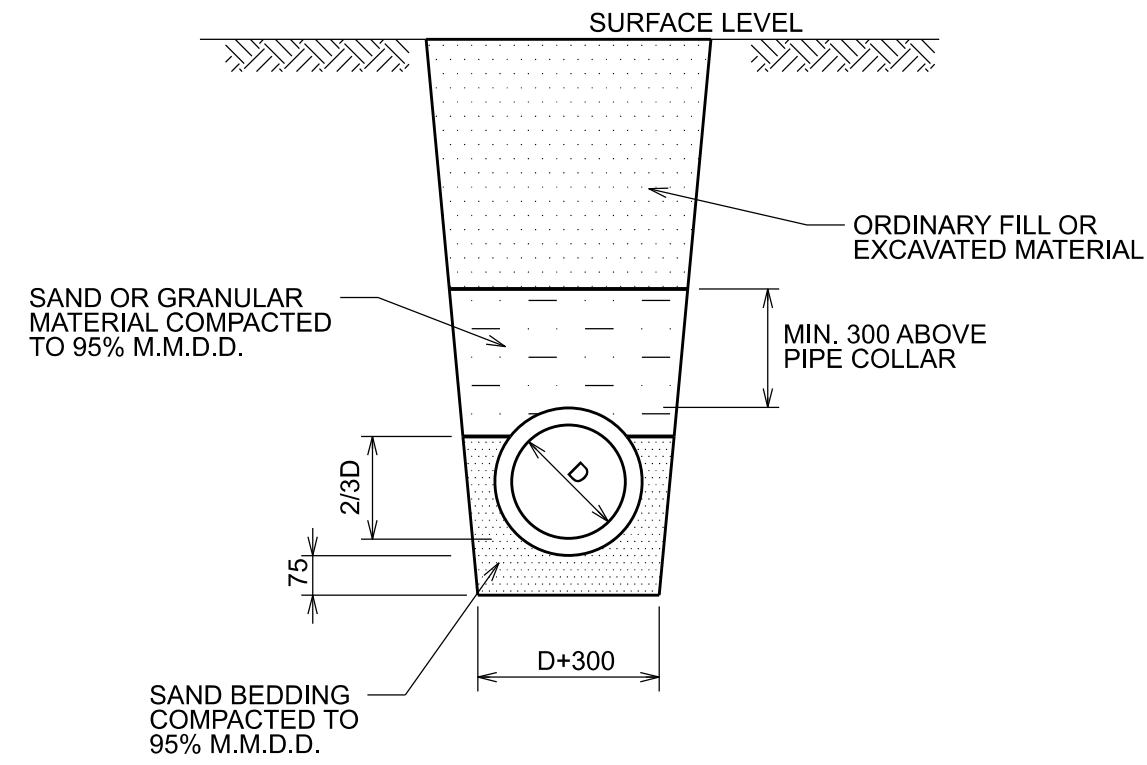
2 COURSE RETAINING WALL SECTION A-A  
SCALE 1:25



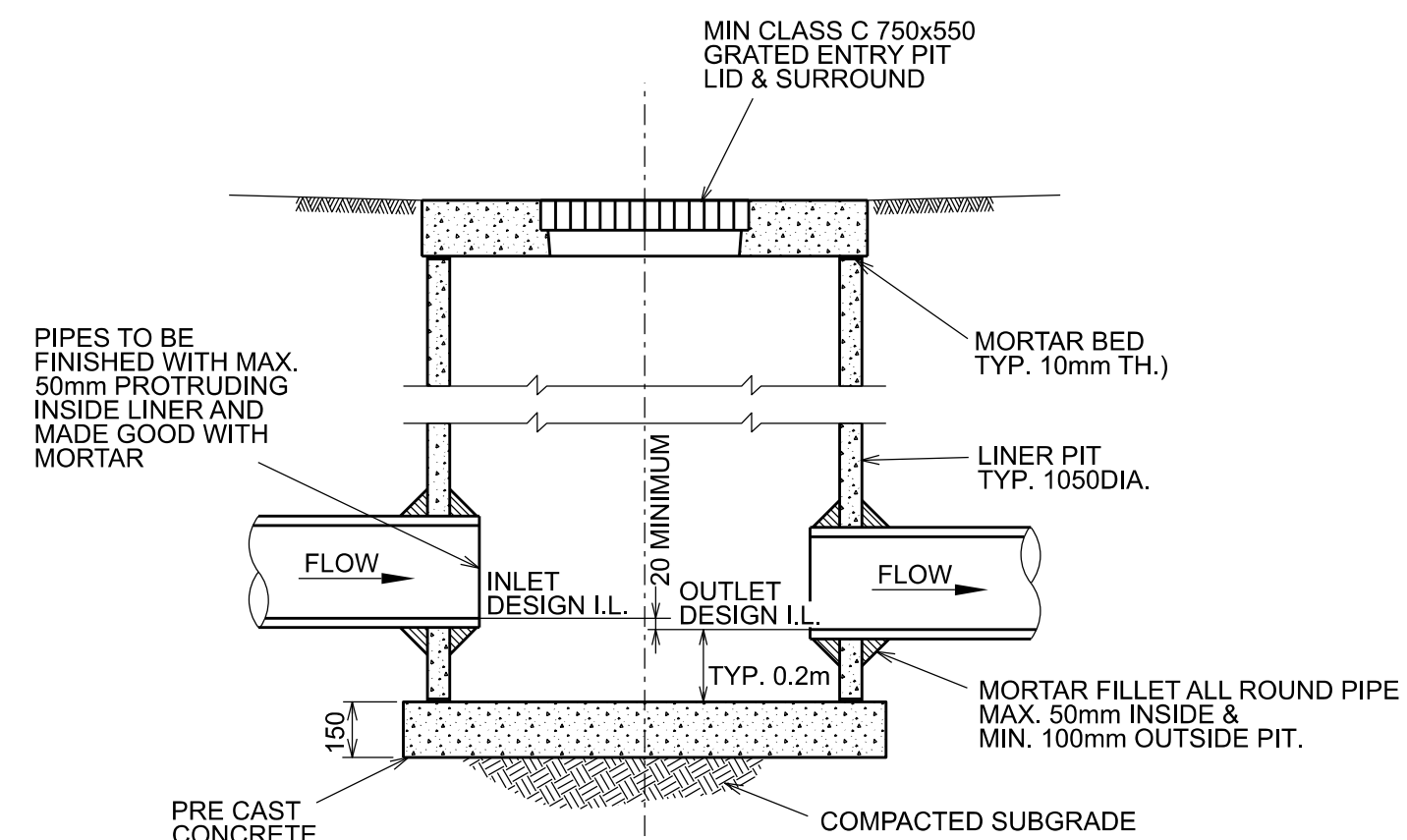
3 COURSE RETAINING WALL SECTION B-B  
SCALE 1:25



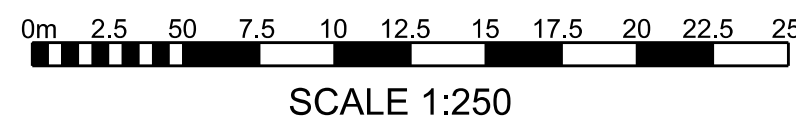
RETAINING WALL FACE VIEW  
SCALE 1:50



TRENCH UNDER OTHER THAN ROAD  
(DRY CONDITIONS)  
N.T.S.



GRATED ENTRY PIT TYPICAL DETAIL  
SCALE 1:20



B A	100% DESIGN ISSUE DRAFT FULL DRAWING SET	14-12-22 8-12-22	 Civil Infrastructure Design - Project & Asset Management P.O. Box 2209 BUNBURY WA 6231 Phone : 0409 879 059 Email : coatescivilconsulting@bigpond.com	SCALE 1 : 250 (A1)	SURVEYED: L.B. F.B. DATE:	THESE PLANS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BELOW.	CLIENT: 	DRAKESBROOK WEIR UPGRADES WEIR ROAD, WAROONA INTERNAL SITE CIVIL WORKS TYPICAL DETAILS	DRAWING No. WR396-D02	
				DATUM: AHD	DESIGNED & DRAWN: C Coates DATE: NOV 2022				SHEET No. 2 OF 7	B
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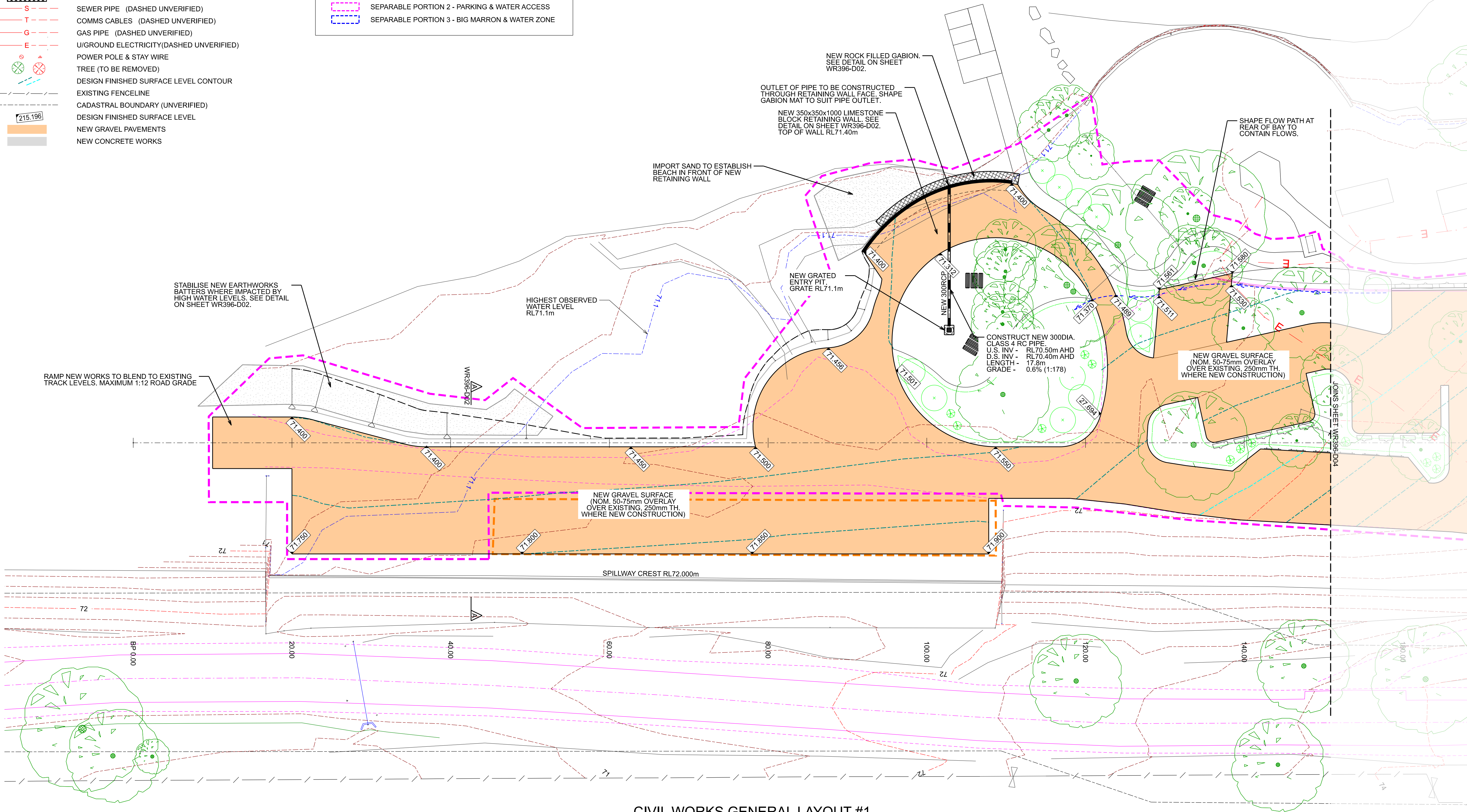


LEGEND:

- W - WATER PIPE (DASHED UNVERIFIED)
- D - DRAINAGE PIPE (DASHED UNVERIFIED)
- NEW DRAINAGE PIPE
- NEW ROCK SCOUR PROTECTION
- S - SEWER PIPE (DASHED UNVERIFIED)
- T - COMMS CABLES (DASHED UNVERIFIED)
- G - GAS PIPE (DASHED UNVERIFIED)
- E - U/GROUND ELECTRICITY(DASHED UNVERIFIED)
- POWER POLE & STAY WIRE
- TREE (TO BE REMOVED)
- DESIGN FINISHED SURFACE LEVEL CONTOUR
- EXISTING FENCELINE
- CADASTRAL BOUNDARY (UNVERIFIED)
- DESIGN FINISHED SURFACE LEVEL
- NEW GRAVEL PAVEMENTS
- NEW CONCRETE WORKS

EXTENT OF WORKS



- SEPARABLE PORTION 1 - PLAYGROUND & PARKING
- SEPARABLE PORTION 2 - PARKING & WATER ACCESS
- SEPARABLE PORTION 3 - BIG MARRON & WATER ZONE



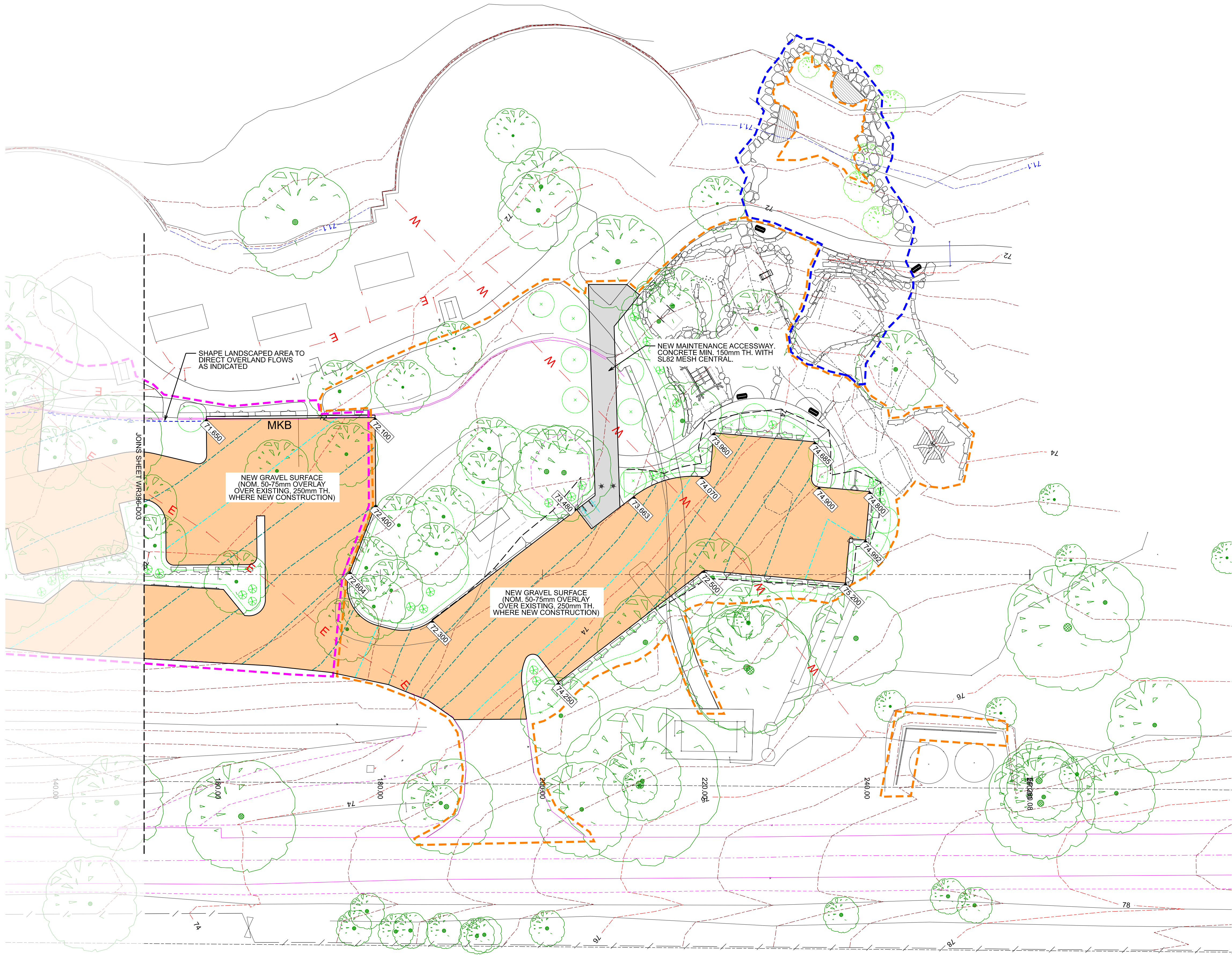
CIVIL WORKS GENERAL LAYOUT #1  
SCALE 1:250



0m 2.5 50 7.5 10 12.5 15 17.5 20 22.5 25  
SCALE 1:250

C B A	WORKS EXTENTS ADDED 100% DESIGN ISSUE DRAFT FULL DRAWING SET			22-2-23 14-12-22 8-12-22	 <b>COATES CIVIL CONSULTING</b> Pty Ltd  Civil Infrastructure Design - Project & Asset Management P.O. Box 2209 BUNBURY WA 6231 Phone : 0409 879 059 Email : coatescivilconsulting@bigpond.com	SCALE 1 : 250 (A1)	SURVEYED: L.B. F.B. DATE: DESIGNED & DRAWN: C Coates DATE: NOV 2022	THESE PLANS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BELOW.	CLIENT:  SHIRE OF WAROONA SEA TO SCARP	DRAKESBROOK WEIR UPGRADES WEIR ROAD, WAROONA INTERNAL SITE CIVIL WORKS CIVIL WORKS GENERAL LAYOUT #1	DRAWING No. WR396-D03
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MK	DETAILS OF AMENDMENTS	APPROVED	DATE								





LEGEND:

- W - WATER PIPE (DASHED UNVERIFIED)
- D - DRAINAGE PIPE (DASHED UNVERIFIED)
- NEW DRAINAGE PIPE
- NEW ROCK SCOUR PROTECTION
- S - SEWER PIPE (DASHED UNVERIFIED)
- T - COMMS CABLES (DASHED UNVERIFIED)
- G - GAS PIPE (DASHED UNVERIFIED)
- E - U/GROUND ELECTRICITY(DASHED UNVERIFIED)
- POWER POLE & STAY WIRE
- TREE (TO BE REMOVED)
- DESIGN FINISHED SURFACE LEVEL CONTOUR
- EXISTING FENCELINE
- CADASTRAL BOUNDARY (UNVERIFIED)
- DESIGN FINISHED SURFACE LEVEL
- NEW GRAVEL PAVEMENTS
- NEW CONCRETE WORKS

KERB PROFILES LEGEND

- MKB MOUNTABLE KERB
- SEE SHEET WR396-D02 FOR KERB PROFILES

EXTENT OF WORKS

- SEPARABLE PORTION 1 - PLAYGROUND & PARKING
- SEPARABLE PORTION 2 - PARKING & WATER ACCESS
- SEPARABLE PORTION 3 - BIG MARRON & WATER ZONE

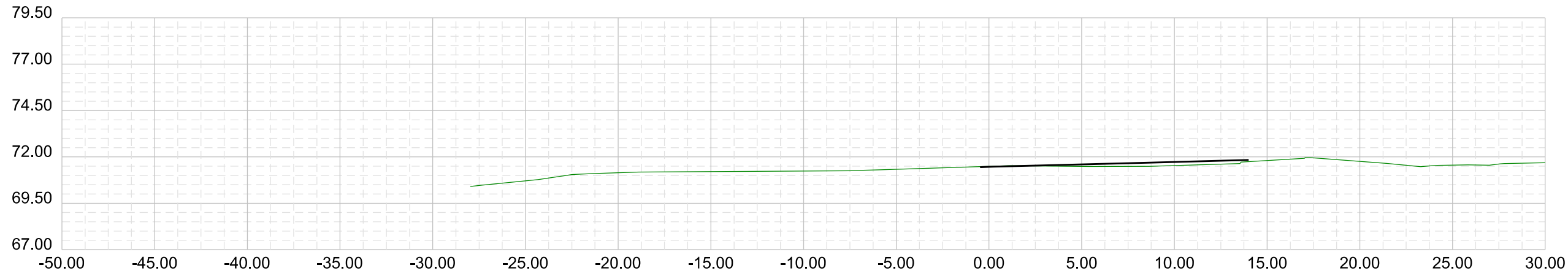
CIVIL WORKS GENERAL LAYOUT #2  
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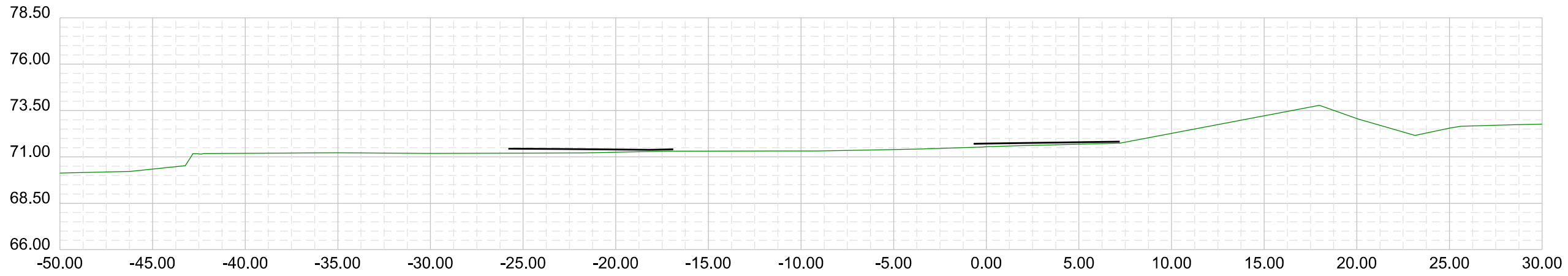
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SCALE 1:250

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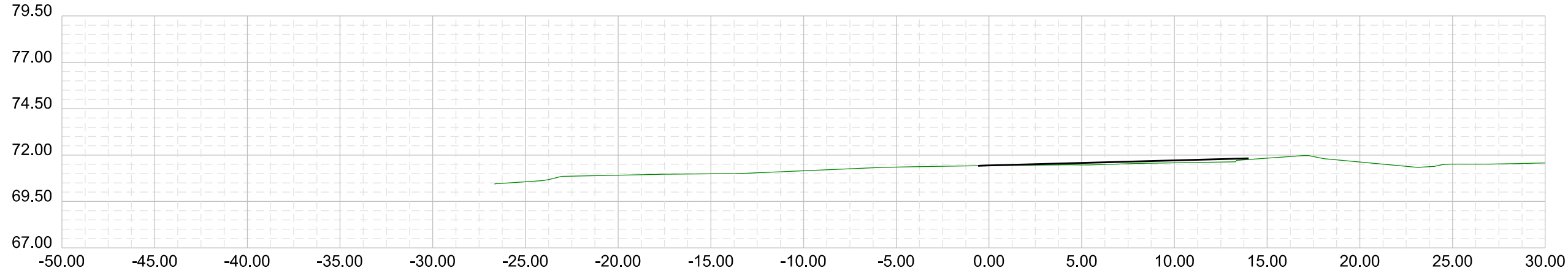




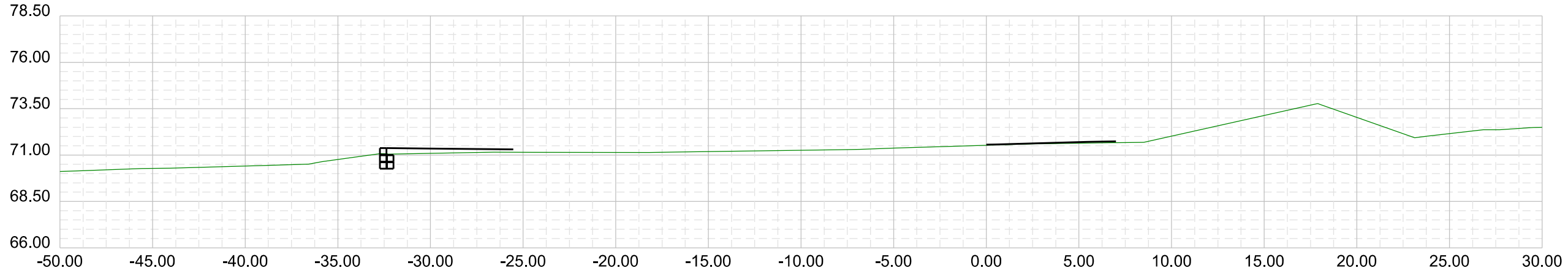
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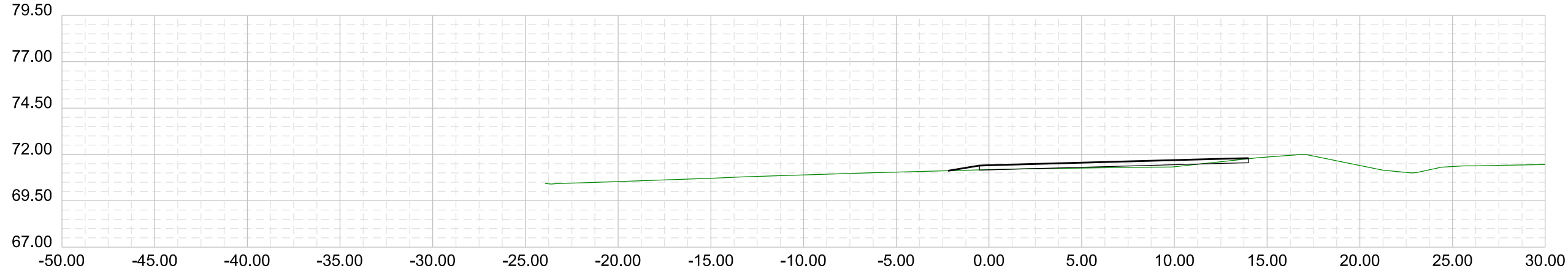
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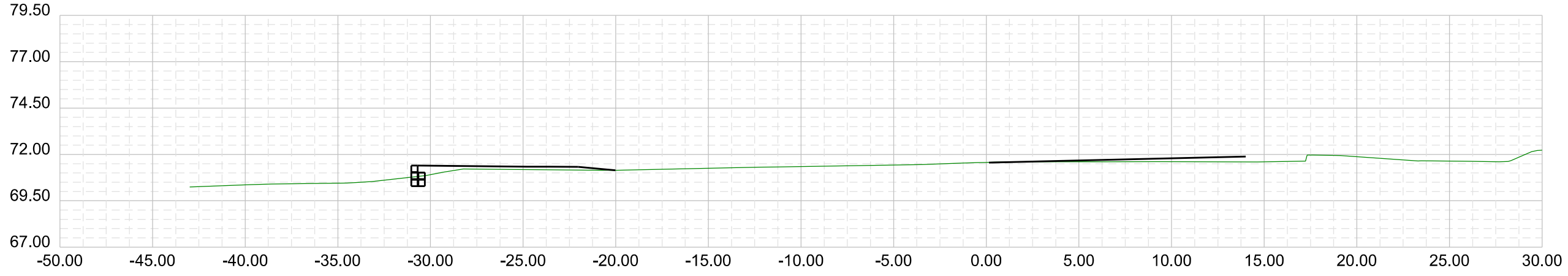
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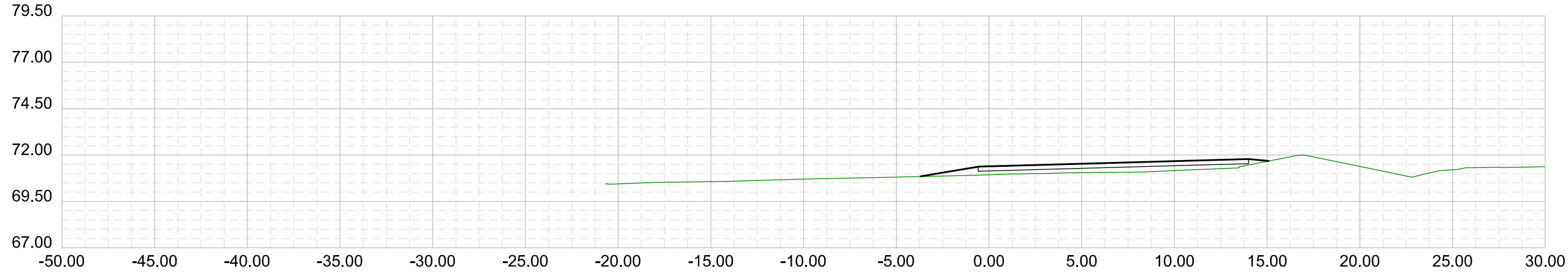
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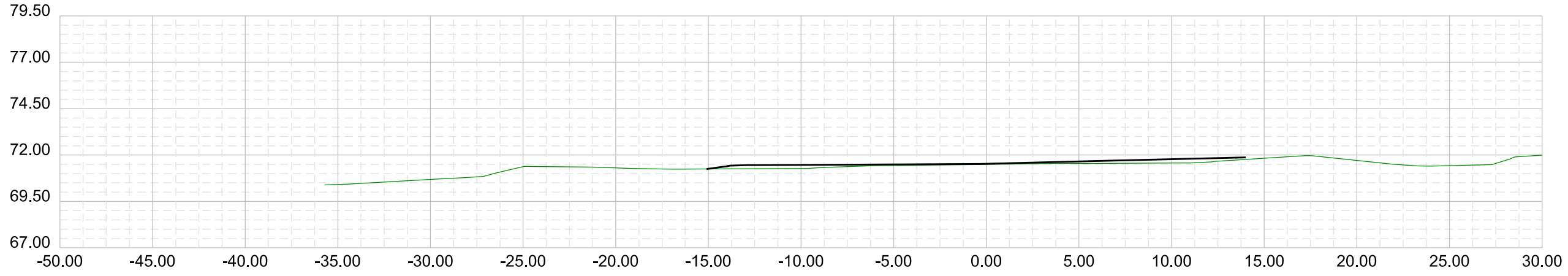
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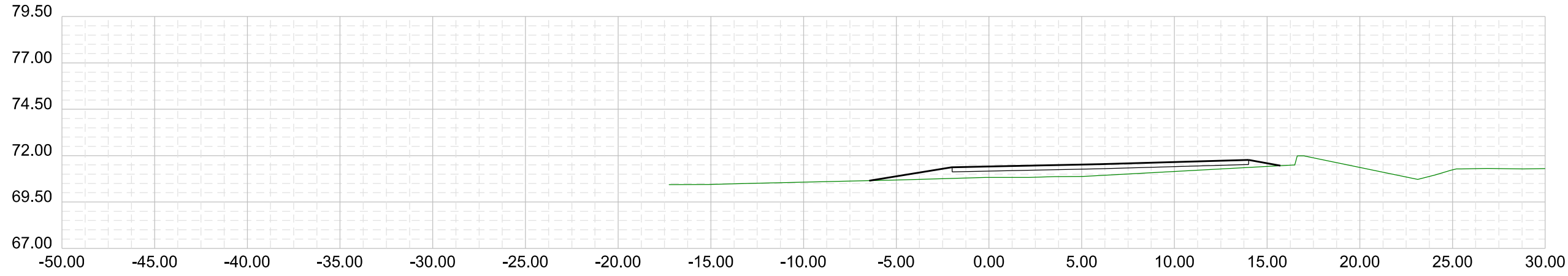
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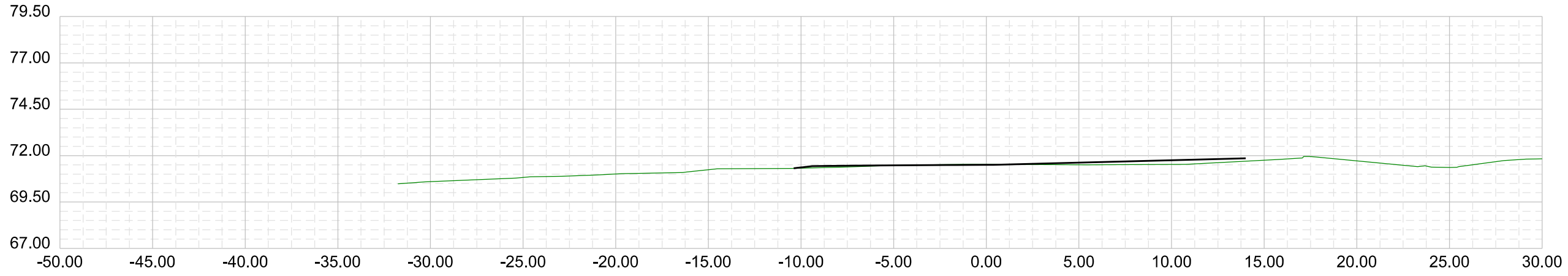
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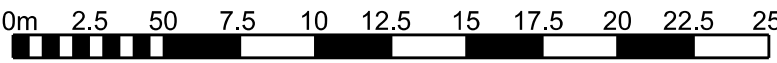
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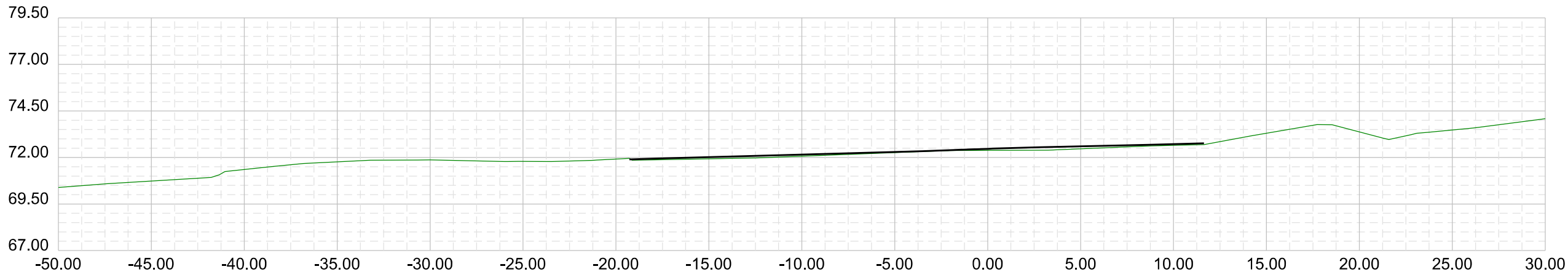


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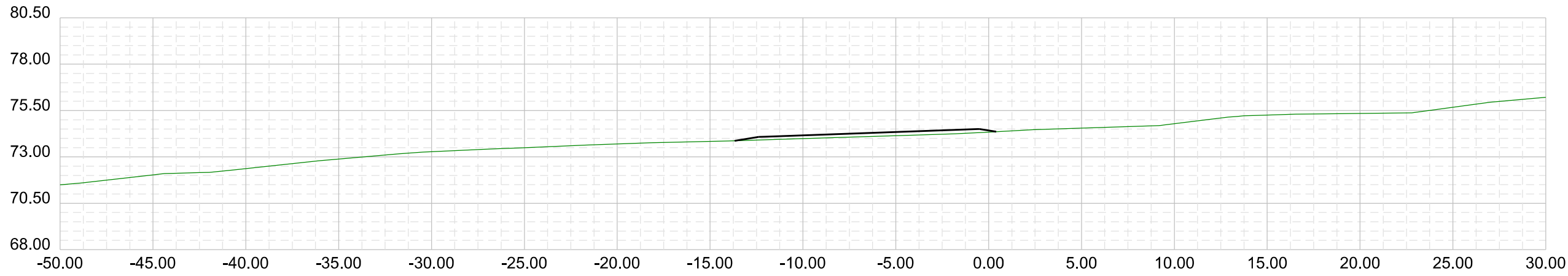


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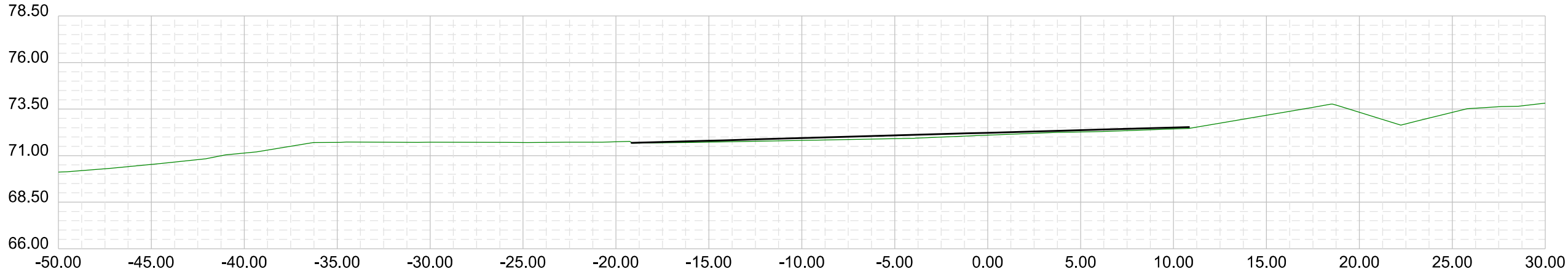
B A	100% DESIGN ISSUE DRAFT FULL DRAWINGS SET	APPROVED	DATE	<div><div><div><div><div></div><div>COATES</div></div><div><div>CIVIL</div><div>CONSULTING</div></div></div><div><div>14-12-22</div><div>8-12-22</div></div><div>Civil Infrastructure Design - Project &amp; Asset Management P.O. Box 2209 BUNBURY WA 6231 Phone : 0409 879 059 Email : coatescivilconsulting@bigpond.com</div></div></div>	SCALE 1 : 250 (A1)	SURVEYED: L.B. F.B. DATE: DESIGNED & DRAWN: C Coates DATE: NOV 2022 CHECKED: DATE: APPROVED: DATE:	THESE PLANS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BELOW. DATE : .....	CLIENT: 	DRAKESBROOK WEIR UPGRADES WEIR ROAD, WAROONA INTERNAL SITE CIVIL WORKS MC01 CROSS-SECTIONS CH30-120m	DRAWING No. WR396-D05	
										SHEET No. 5 OF 7	
										ISSUE DATE: DEC 2022	B



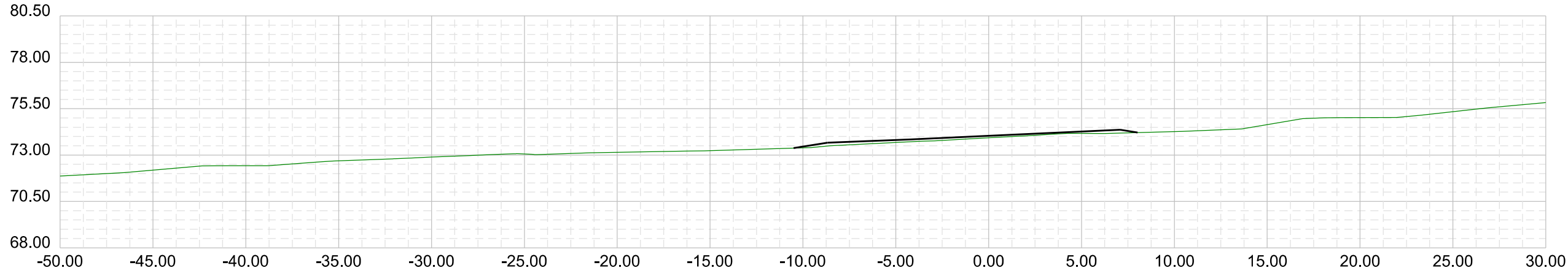
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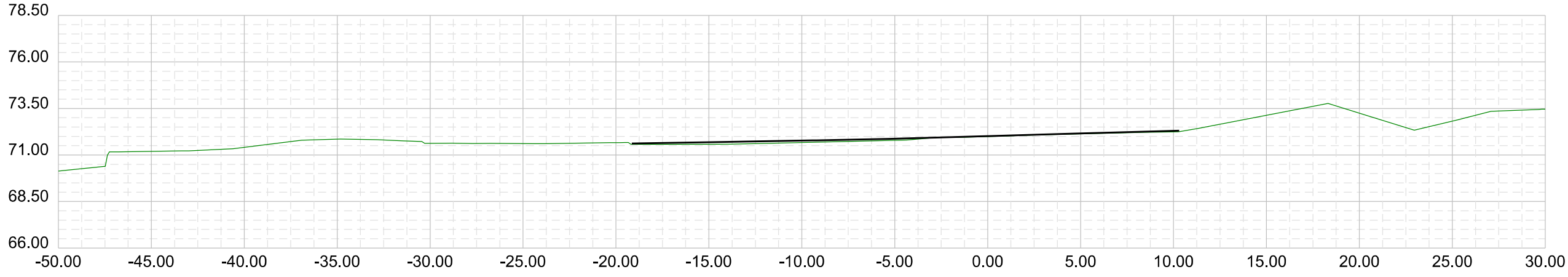
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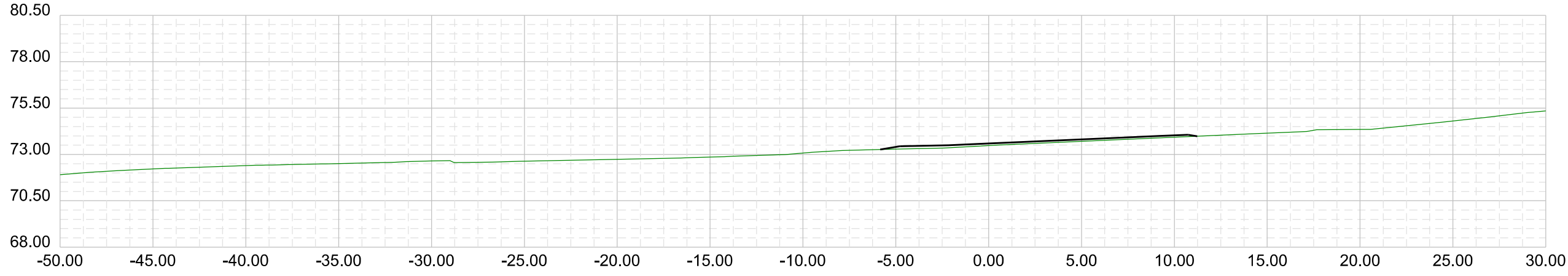
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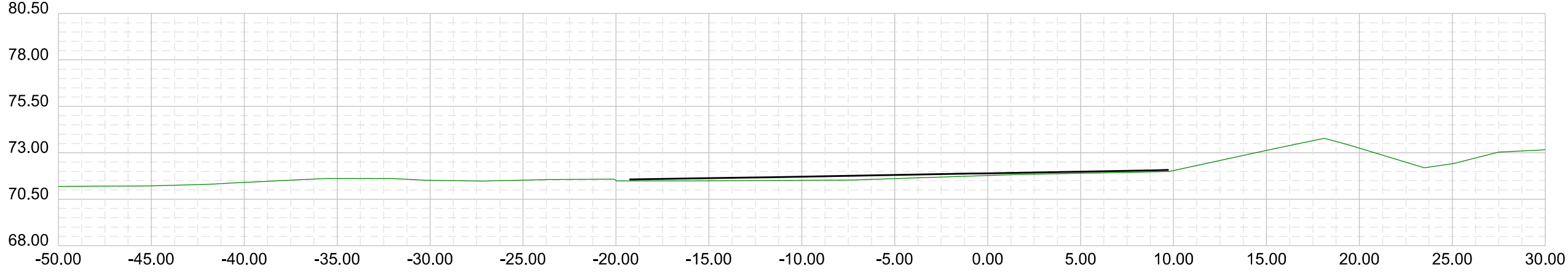
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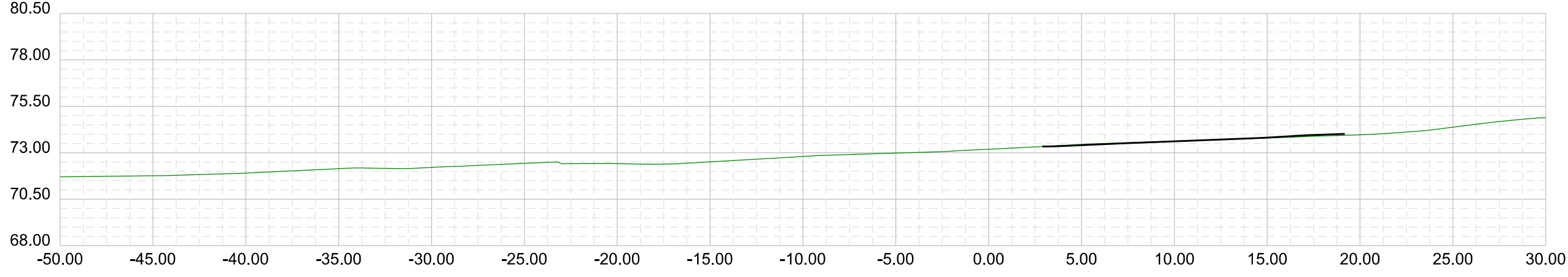
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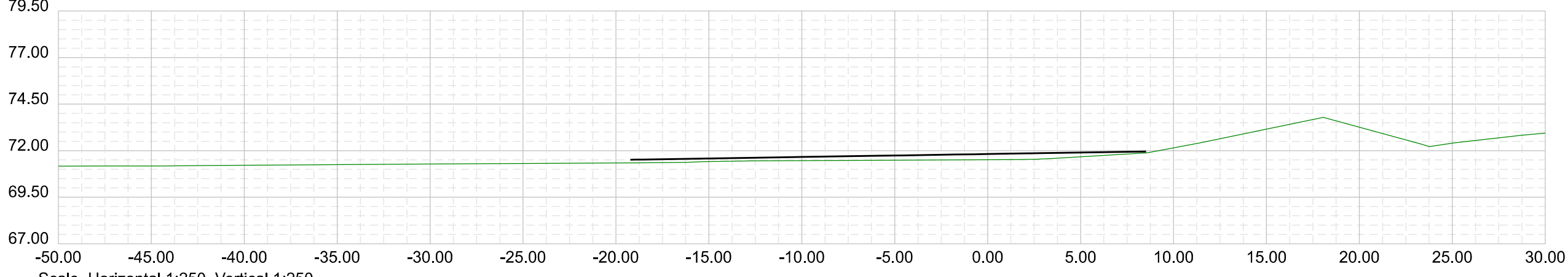
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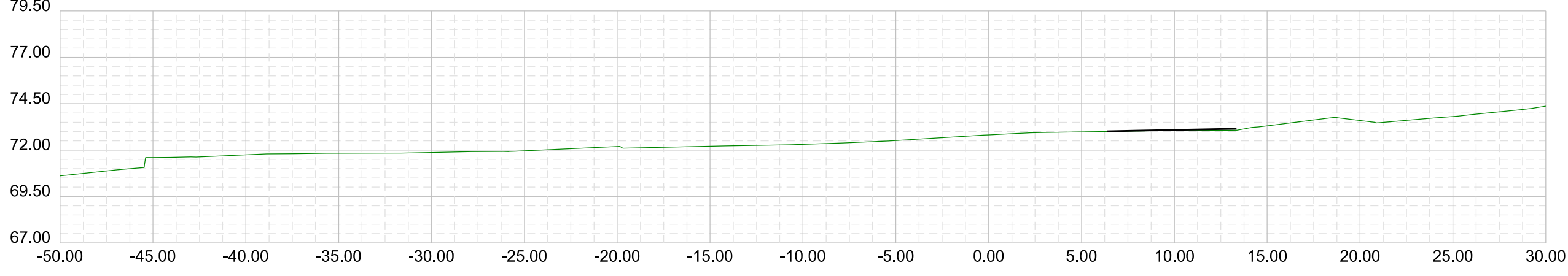
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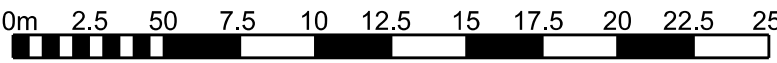
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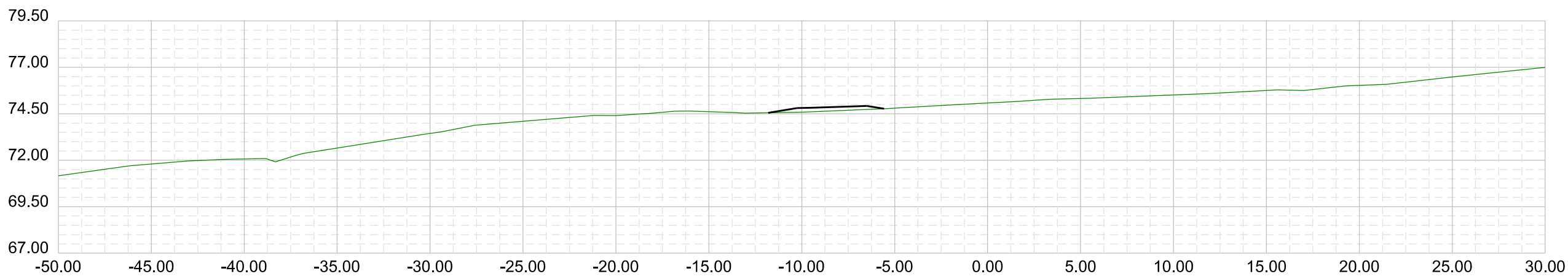


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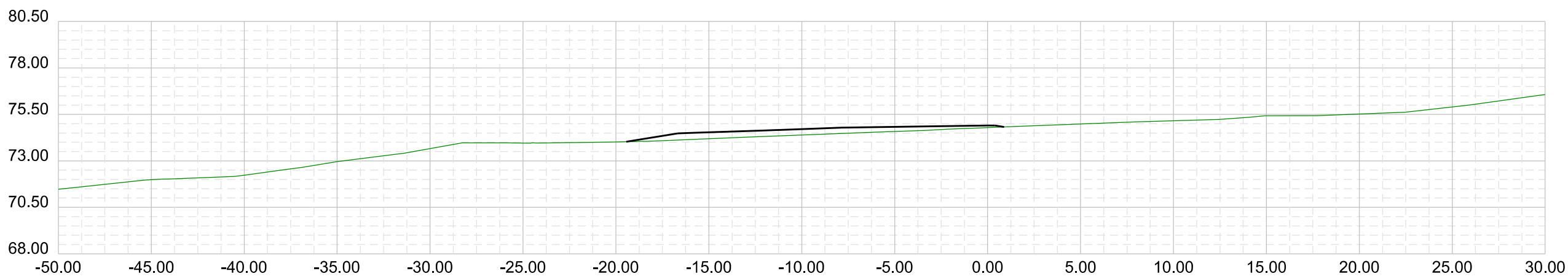


SCALE 1:250

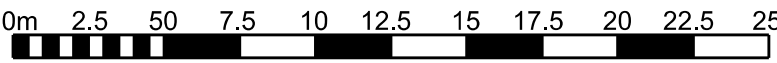
B A	100% DESIGN ISSUE DRAFT FULL DRAWINGS SET		14-12-22 8-12-22	 <div>Civil Infrastructure Design - Project &amp; Asset Management P.O. Box 2209 BUNBURY WA 6231 Phone : 0409 879 059 Email : coatescivilconsulting@bigpond.com</div>	SCALE 1 : 250 (A1)	SURVEYED: L.B. F.B. DATE: DESIGNED & DRAWN: C Coates DATE: NOV 2022 CHECKED: DATE: APPROVED: DATE:	THESE PLANS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BELOW. DATE : .....	CLIENT: 	DRAKESBROOK WEIR UPGRADES WEIR ROAD, WAROONA INTERNAL SITE CIVIL WORKS MC01 CROSS-SECTIONS CH130-220m	DRAWING No. WR396-D06	
										SHEET No. 6 OF 7	
										ISSUE DATE: DEC 2022	B
MK	DETAILS OF AMENDMENTS	APPROVED	DATE		DATUM: AHD ORIGIN OF LEVELS: PM xxxx RL xxx.xxx						




240.00



230.00



SCALE 1:250

B A	100% DESIGN ISSUE DRAFT FULL DRAWINGS SET		14-12-22 8-12-22	<div><div>COATES CIVIL CONSULTING</div><div>Civil Infrastructure Design - Project &amp; Asset Management P.O. Box 2209 BUNBURY WA 6231 Phone : 0409 879 059 Email : coatescivilconsulting@bigpond.com</div></div>	SCALE 1 : 250 (A1)		SURVEYED: L.B. F.B. DATE:	THESE PLANS ARE NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BELOW.	CLIENT: <div>SHIRE OF WAROONA SEA TO SCARP</div>	DRAKESBROOK WEIR UPGRADES WEIR ROAD, WAROONA INTERNAL SITE CIVIL WORKS MC01 CROSS-SECTIONS CH230-240m	DRAWING No. WR396-D07	
					DATUM: AHD		DESIGNED & DRAWN: C Coates				SHEET No. 7 OF 7	
					ORIGIN OF LEVELS: PM xxxx RL xxx.xxx		CHECKED:				ISSUE DATE: DEC 2022	
MK	DETAILS OF AMENDMENTS	APPROVED	DATE				DATE:					B