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LEGEND

- TOP OF CUT
- TOE OF CUT
- APPROX. PORTION 1 EXTENTS
- APPROX. PORTION 2 EXTENTS
- APPROX. PORTION 3 EXTENTS
- APPROX. PORTION 4 EXTENTS
- APPROX. PORTION 5 EXTENTS

NOTES

1. AERIAL IMAGE SOURCED FROM TOP OF THE SOUTH MAPS.

PORTION 2 TRUE RIGHT CUT TO FORM NEW FLOODWAY
PORTION 1
PORTION 2 TRUE RIGHT
HANBY PARK
PORTION 2 TRUE LEFT
PORTION 2 TRUE LEFT, NEW FLOOD WALL ALONG EDGE OF PATH
MAITAI VALLEY ROAD
MILL STREET
PORTION 3
PORTION 5
PORTION 5, UPSTREAM OF CLOUSTON BRIDGE REMOVE EXISTING FLOOD WALL AND REPLACE WITH UPGRADED FLOOD WALL
PORTION 3, NEW FLOOD WALL ALONG EDGE OF PATH
REMOVABLE FLOOD BARRIERS ACROSS BRIDGE
NEW FLOOD WALL
NILE ST EAST
PORTION 4, LOWER GROUND UNDER TRUE LEFT SPAN OF CLOUSTON BRIDGE TO IMPROVE CONVEYANCE. RETAIN GROUND AGAINST ABUTMENT WITH RETAINING WALL
PORTION 4
PORTION 4, NEW FLOOD/RETAINING WALL
PORTION 5 DOWNSTREAM OF CLOUSTON BRIDGE, NEW FLOODWAY WITH RETAINED OR ARMOURED SLOPE AT BACK OF CUT
PORTION 4, RAISE CLOUSTON TERRACE. CREATE FILL RAMPS FROM RAISED ROAD TO ACCESS PROPERTIES
PORTION 4, CUT TO FORM NEW FLOODWAY
PORTION 4, PATH TO BE LOWERED
PORTION 5 FLOODWAY TO EXTEND AROUND BEND

0 25 50 m
1:1000 (A1)
1:2000 (A3)

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DESIGNED	EMTY	MAR.25	FIGURE STATUS	INFORMATION ONLY
DRAWN	EMTY	MAR.25	PROJECT PHASE	CONCEPT DESIGN
DESIGN CHECKED				
FIGURE CHECKED				

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CLIENT **NELSON CITY COUNCIL**

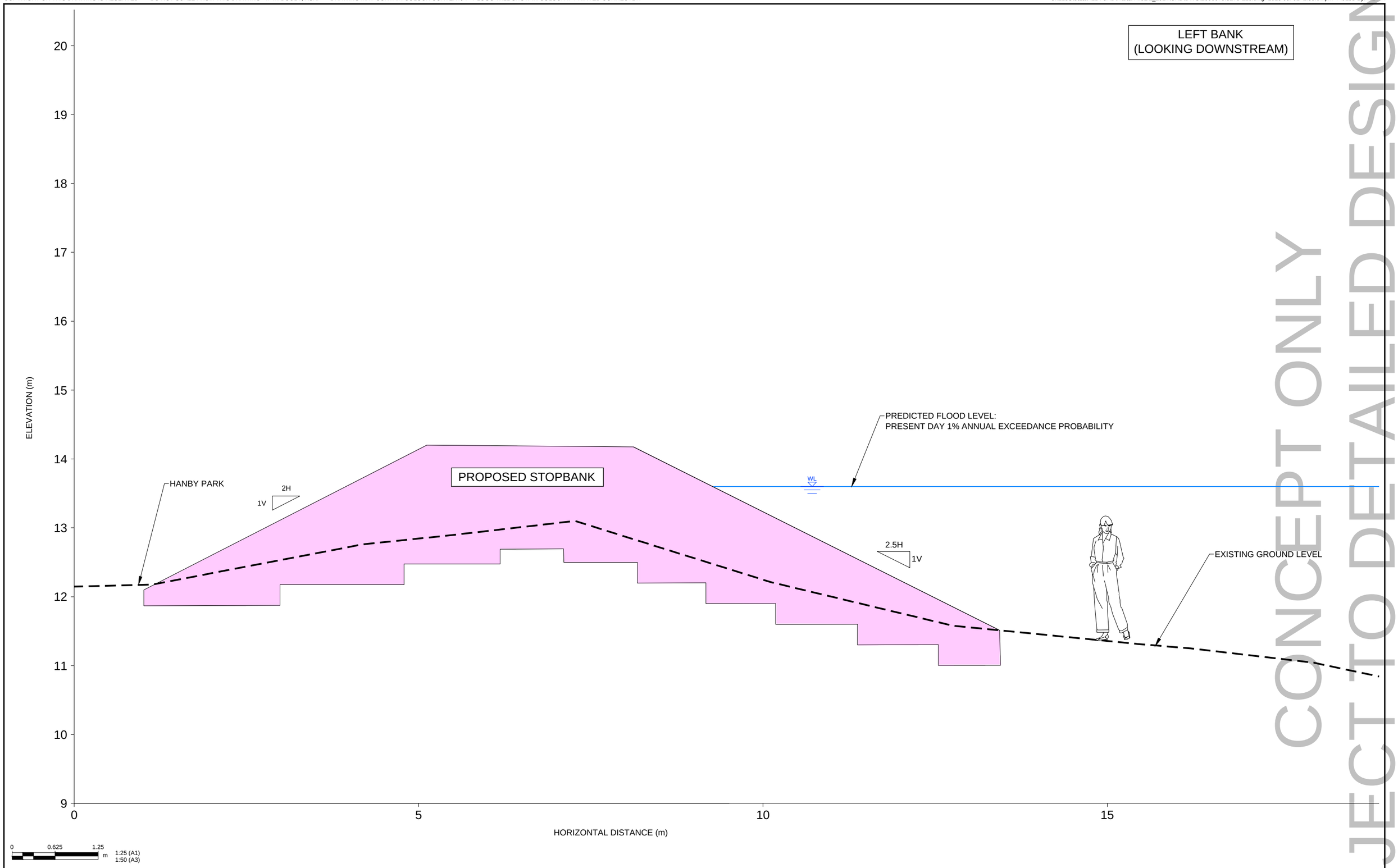
PROJECT **MAITAI FLOOD IMPROVEMENTS - AREA 1**

TITLE CONCEPT DESIGN
SITE OVERVIEW PLAN

SCALE (A1) 1:1000 FIG No. 1006675.5170-SITE PLAN REV 0

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PROJECT **MAITAI FLOOD IMPROVEMENTS - AREA 1**

TITLE PORTION 1 - HANBY PARK
TYPICAL SECTION

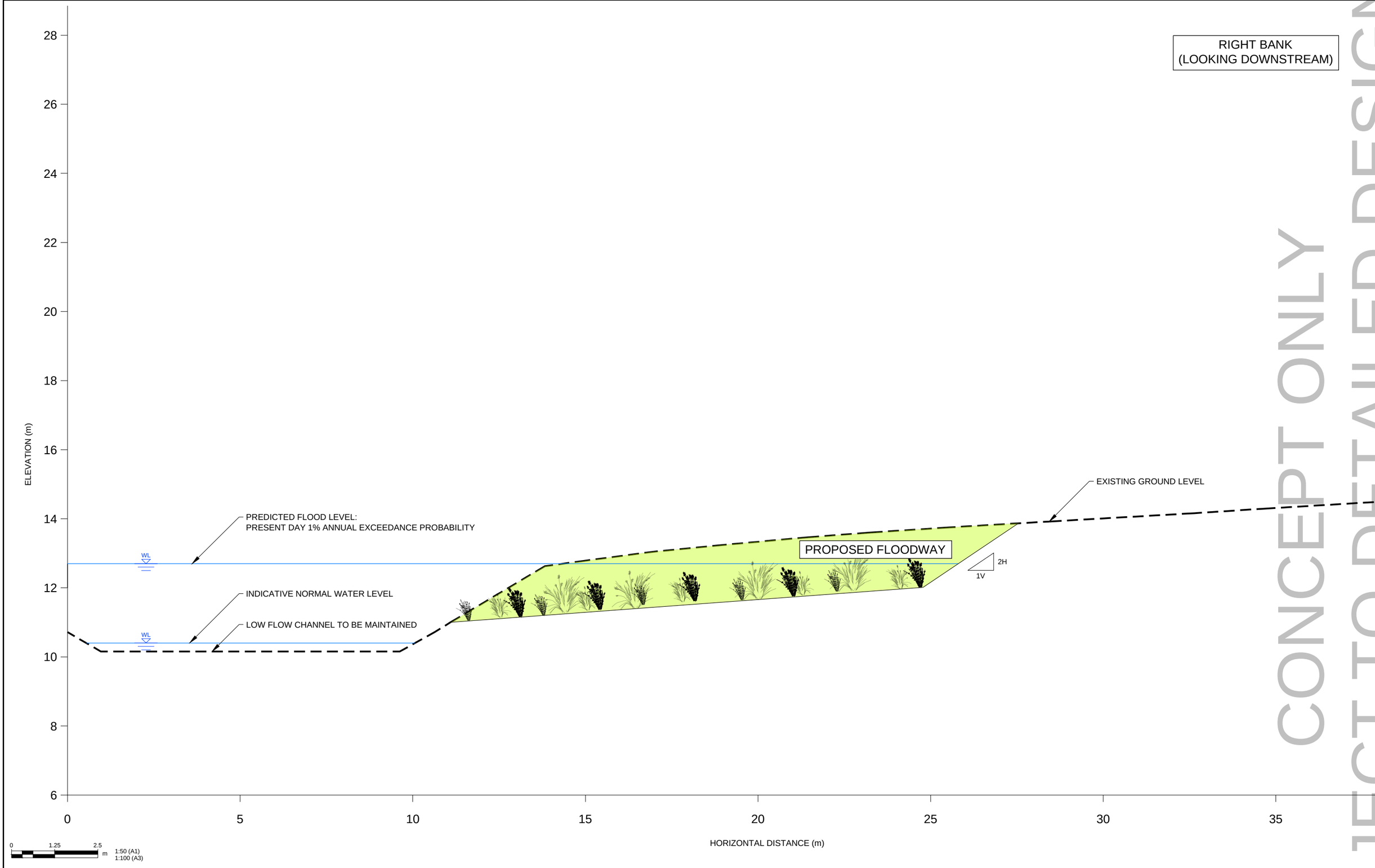
DRAFT

SCALE (A1) 1:25 DWG No. 1006675.5710-110 REV 1

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RIGHT BANK
(LOOKING DOWNSTREAM)



0 1.25 2.5 m
1:50 (A1)
1:100 (A3)

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PROJECT **MAITAI FLOOD IMPROVEMENTS - AREA 1**

TITLE PORTION 2 - BRANFORD PARK
TYPICAL SECTION

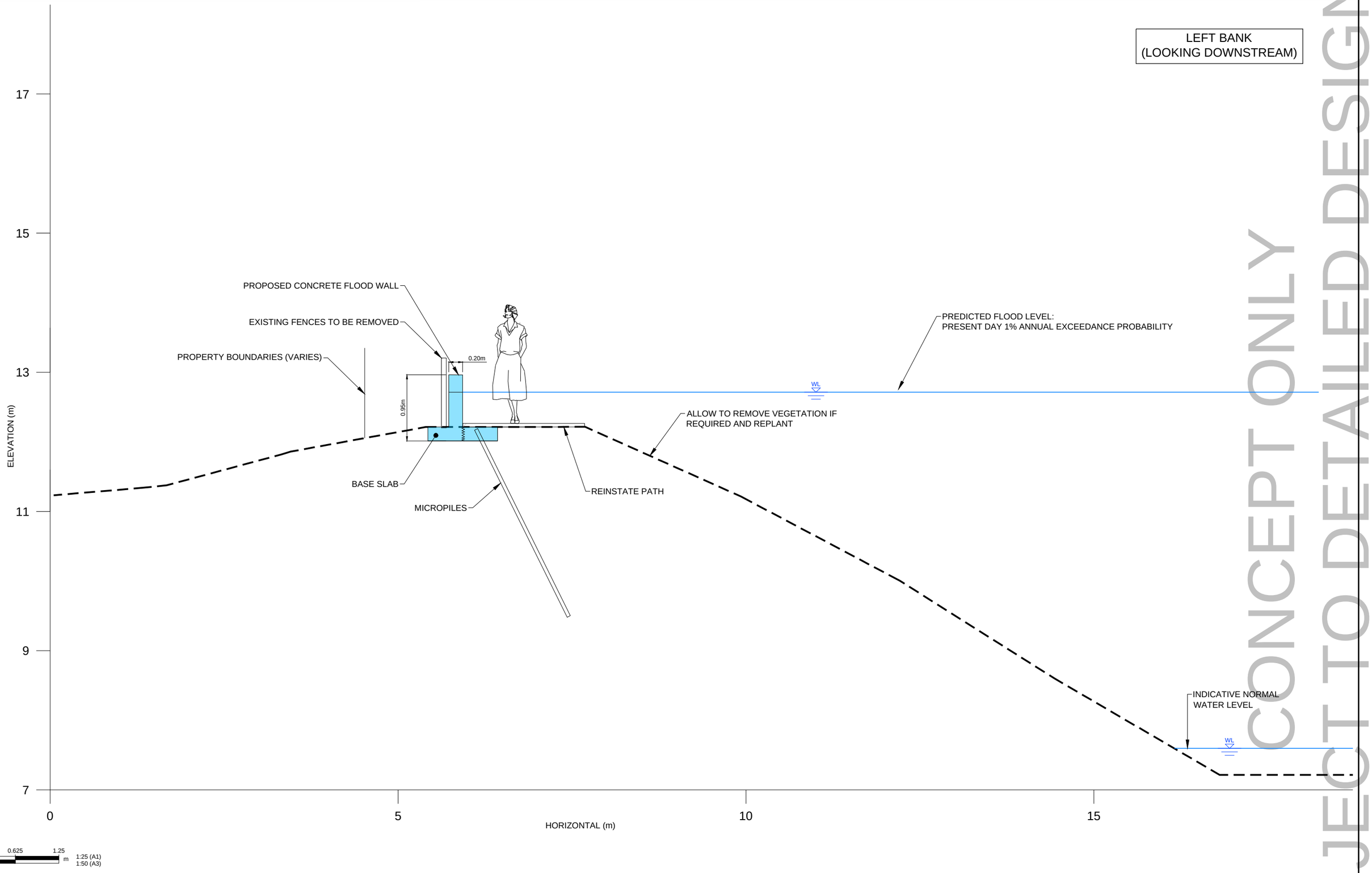
DRAFT

SCALE (A1) 1:50 DWG No. 1006675.5710-120 REV 1

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LEFT BANK
(LOOKING DOWNSTREAM)



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DESIGNED	EMTY	APR.25	DRAWING STATUS: INFORMATION ONLY
DRAWN	HEWH	APR.25	
DESIGN CHECKED			PROJECT PHASE: CONCEPT DESIGN
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APPROVED DATE

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PROJECT **MAITAI FLOOD IMPROVEMENTS - AREA 1**

TITLE PORTION 2 & 3 - STOPBANK
TYPICAL SECTION

DRAFT

SCALE (A1) 1:25 DWG No. 1006675.5710-121 REV 1

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LEFT BANK
(LOOKING DOWNSTREAM)

APPROX. PROPERTY BOUNDARY

CLOUSTON TERRACE

PROPOSED ROAD LEVEL

1.20m

3.50m

EXISTING ROAD LEVEL

PREDICTED FLOOD LEVEL:
PRESENT DAY 1% ANNUAL EXCEEDANCE PROBABILITY

WL

EXISTING GROUND LEVEL

PROPOSED
EARTHWORKS

10H
1V

INDICATIVE NORMAL
WATER LEVEL

PROPOSED
ROCK ARMOUR

LOW FLOW CHANNEL TO BE MAINTAINED

ROCK ARMOUR

ELEVATION (m)

HORIZONTAL (m)

15
14
13
12
11
10
9
8
7
6
5
4
0
5
10
15

0 0.625 1.25 m
1:25 (A1)
1:50 (A3)

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PROJECT **MAITAI FLOOD IMPROVEMENTS - AREA 1**

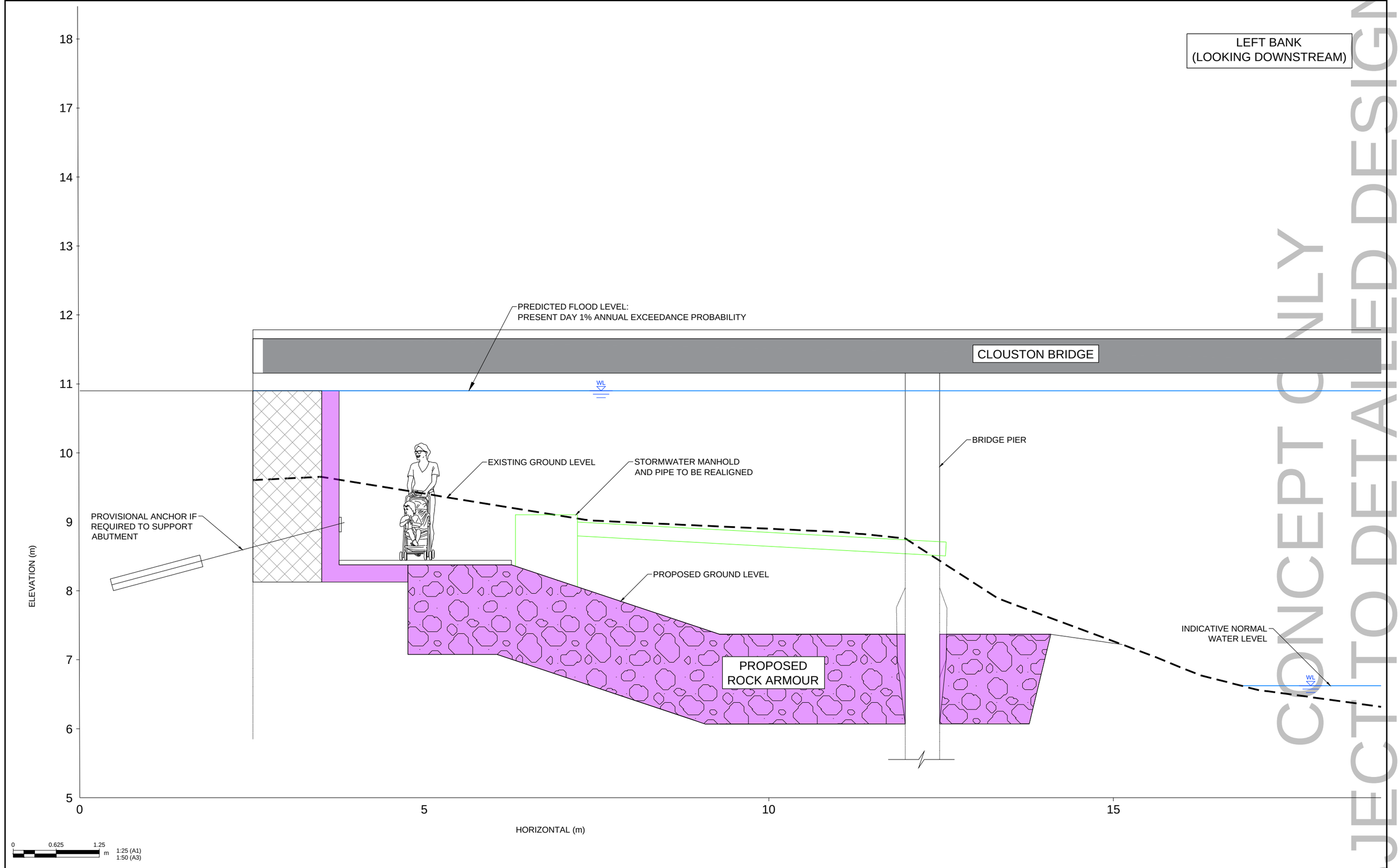
TITLE PORTION 4 - CLOUSTON TERRACE
TYPICAL SECTION

DRAFT

SCALE (A1) 1:25 DWG No. 1006675.5710-140 REV 1

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0 0.625 1.25 m
1:25 (A1)
1:50 (A3)

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TITLE PORTION 4 - CLOUSTON BRIDGE TYPICAL SECTION

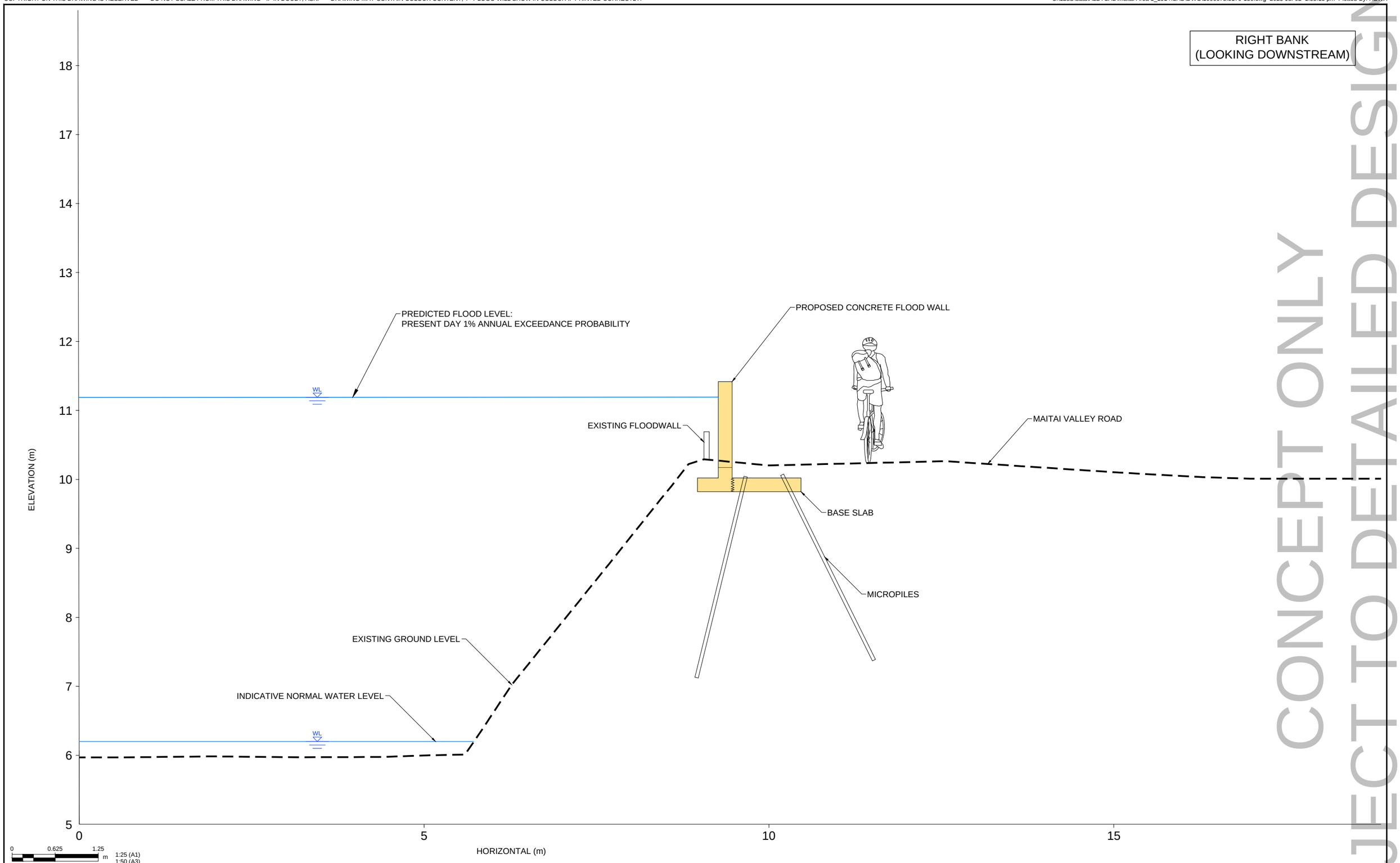
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SCALE (A1) 1:25 DWG No. 1006675.5710-141 REV 1

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RIGHT BANK
(LOOKING DOWNSTREAM)



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TITLE PORTION 5 - UPSTEAM OF CLOUSTON BRIDGE
TYPICAL SECTION

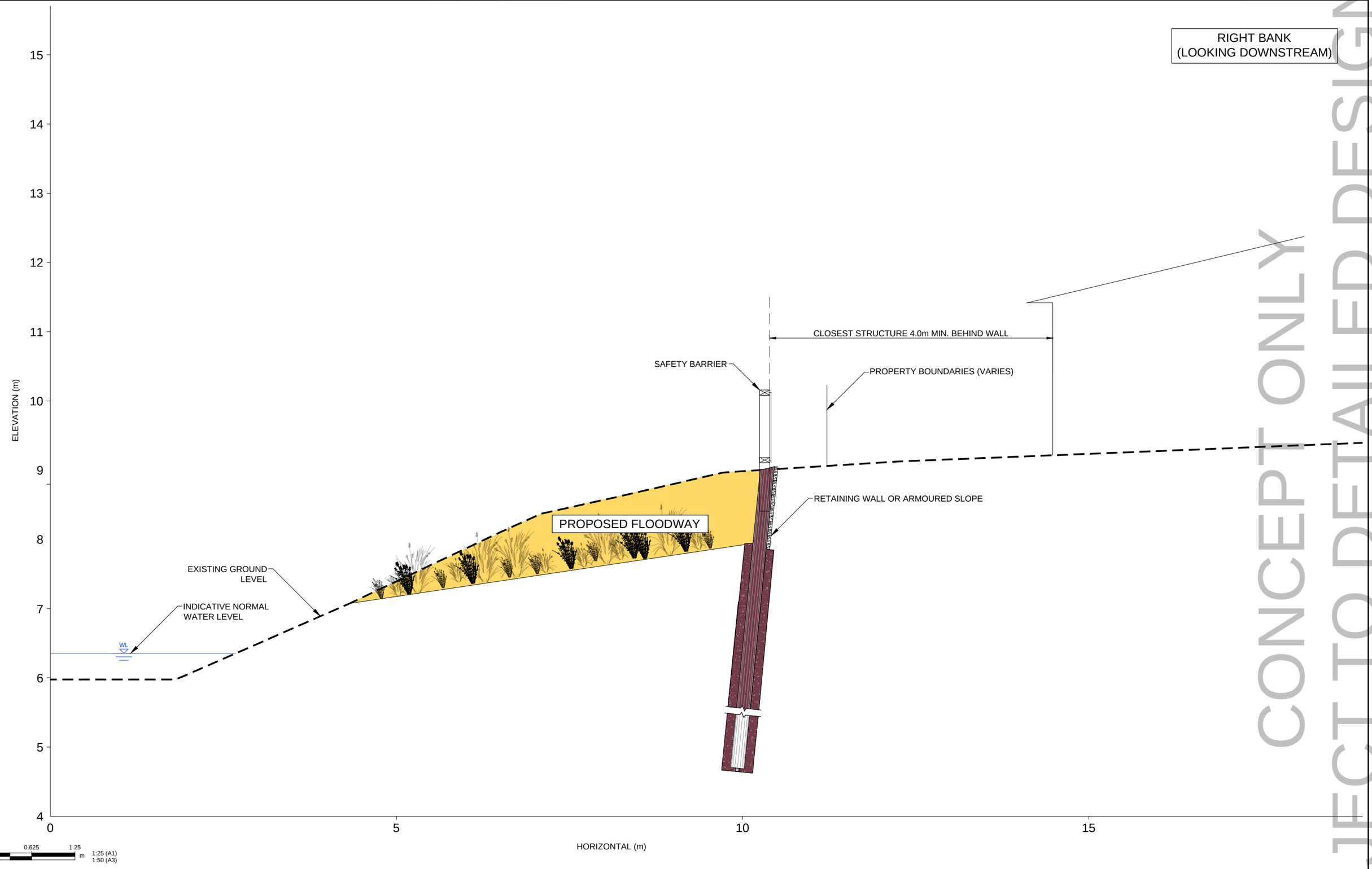
DRAFT

SCALE (A1) 1:25 DWG No. 1006675.5710-150 REV 1

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RIGHT BANK
(LOOKING DOWNSTREAM)



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PROJECT **MAITAI FLOOD IMPROVEMENTS - AREA 1**

TITLE PORTION 5 - DOWNSTREAM OF CLOUSTON BRIDGE TYPICAL SECTION

DRAFT

SCALE (A1) 1:25 DWG No. 1006675.5710-151 REV 1