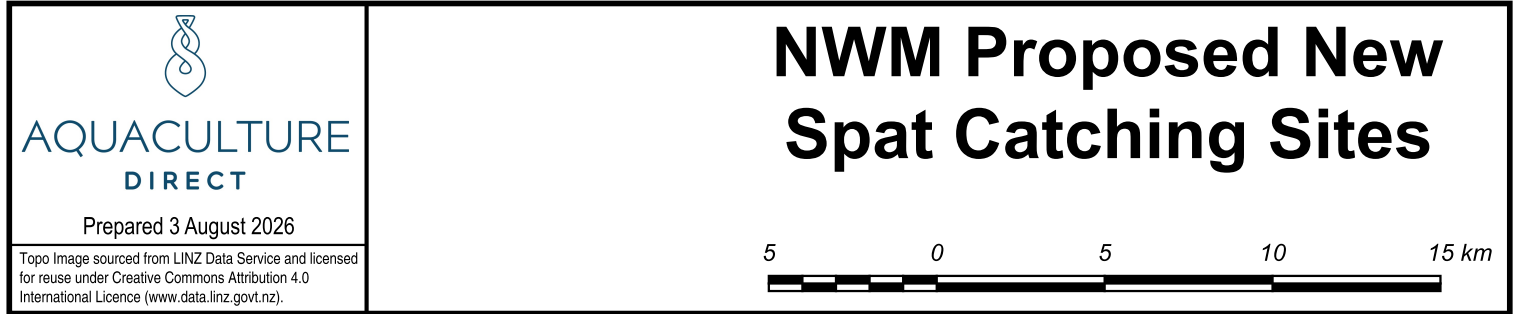
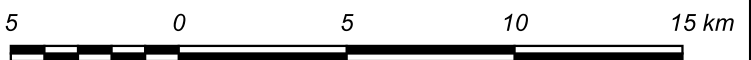
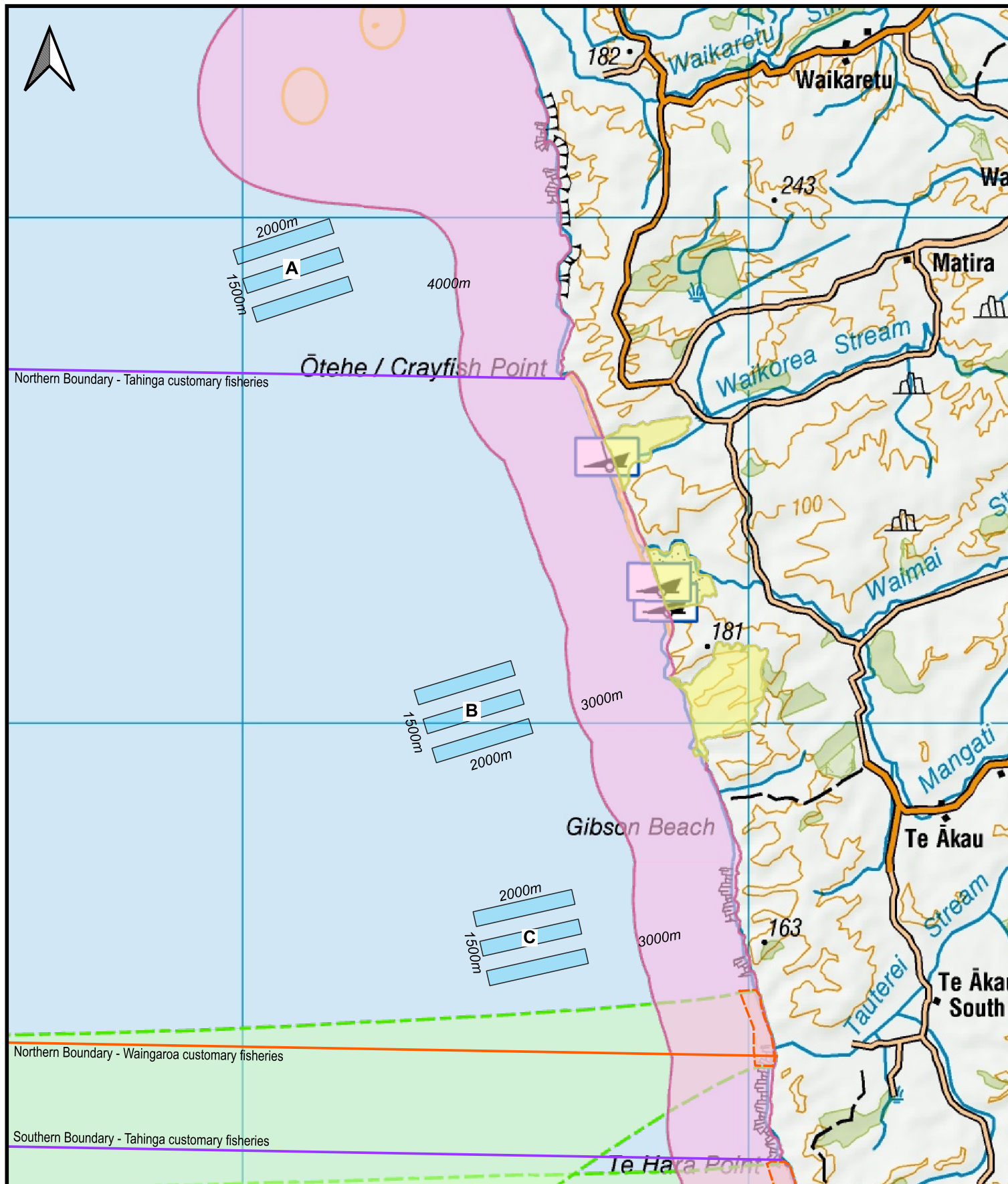




NWM Proposed New Spat Catching Sites





Legend

High Natural Character Areas

- Very High
- High

Historic Heritage Sites

- Heritage Site
- Heritage Structure
- Shipwreck

Nationally Significant Surf Break Swell Corridors

- Indicators (Tirohanga)
- Manu Bay (Waikeri)
- Whale Bay (Te Whaanga)

Nationally Significant Surf Breaks

Outstanding Natural Character Areas

Regionally Significant Surf Break Swell Corridors

Regionally Significant Surf Breaks

Seascapes (Outstanding Natural Features and Landscapes)

ONF

ONL

Significant Indigenous Biodiversity Areas A and B

SIBA-A

SIBA-B

Sites and Areas of Significance to Māori

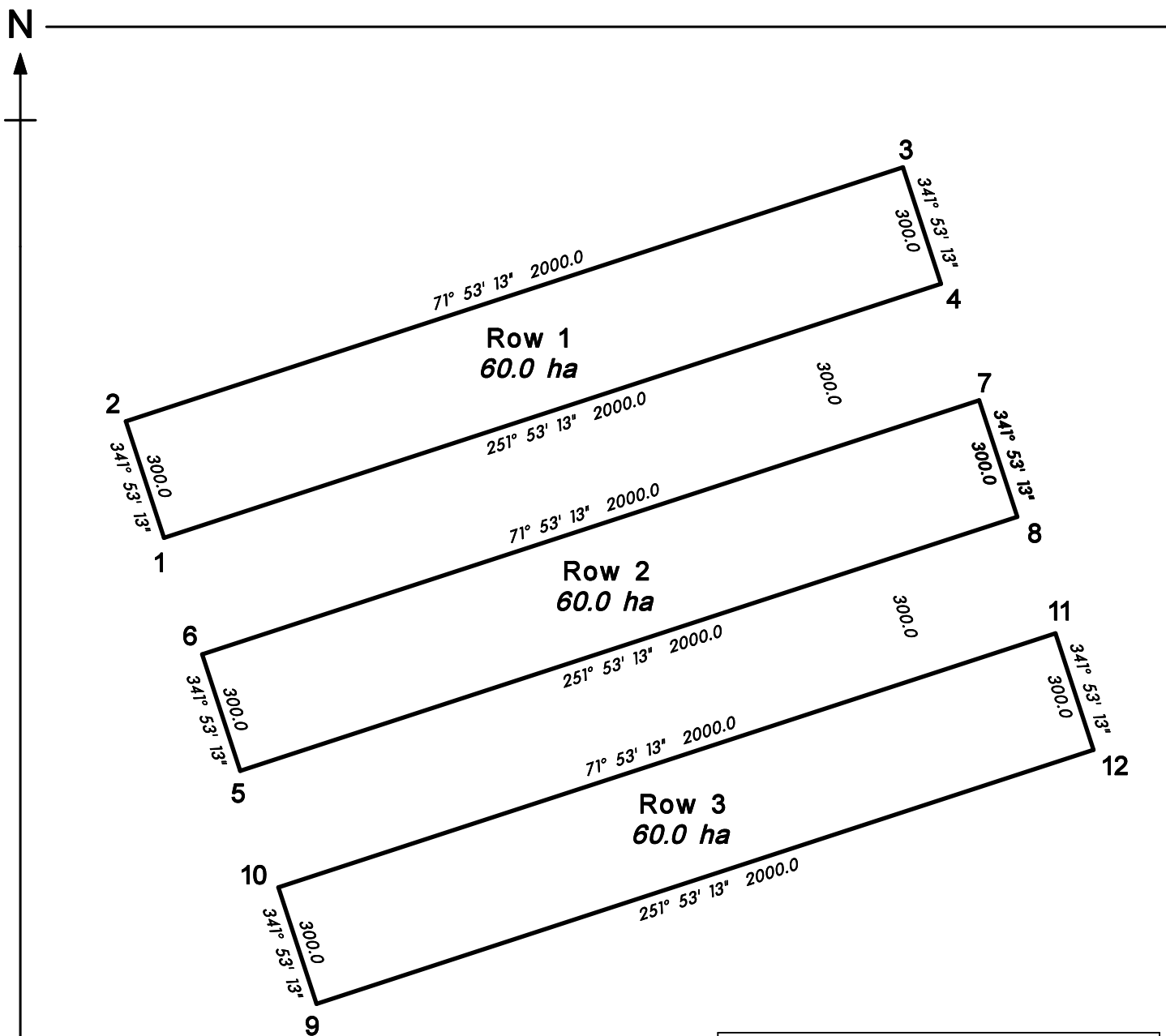
NWML Spat Catching Blocks A-C

1,000 0 1,000 2,000 3,000 4,000 5,000 m



AQUACULTURE
DIRECT

Prepared 25 August 2026



Block A
TOTAL AREA = 180.0ha

Datum: NZTM2000
 Waikato Regional Council
 This site has not been surveyed

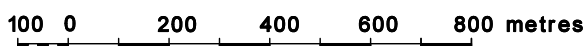
SCHEDULE OF COORDINATES		
DATUM: NZTM2000		
Point	East	North
1	1749882.2	5839088.3
2	1749789.0	5839373.5
3	1751689.9	5839995.2
4	1751783.1	5839710.1
5	1750068.8	5838518.1
6	1749975.5	5838803.2
7	1751876.4	5839425.0
8	1751969.7	5839139.8
9	1750255.3	5837947.8
10	1750162.1	5838232.9
11	1752062.9	5838854.7
12	1752156.2	5838569.6

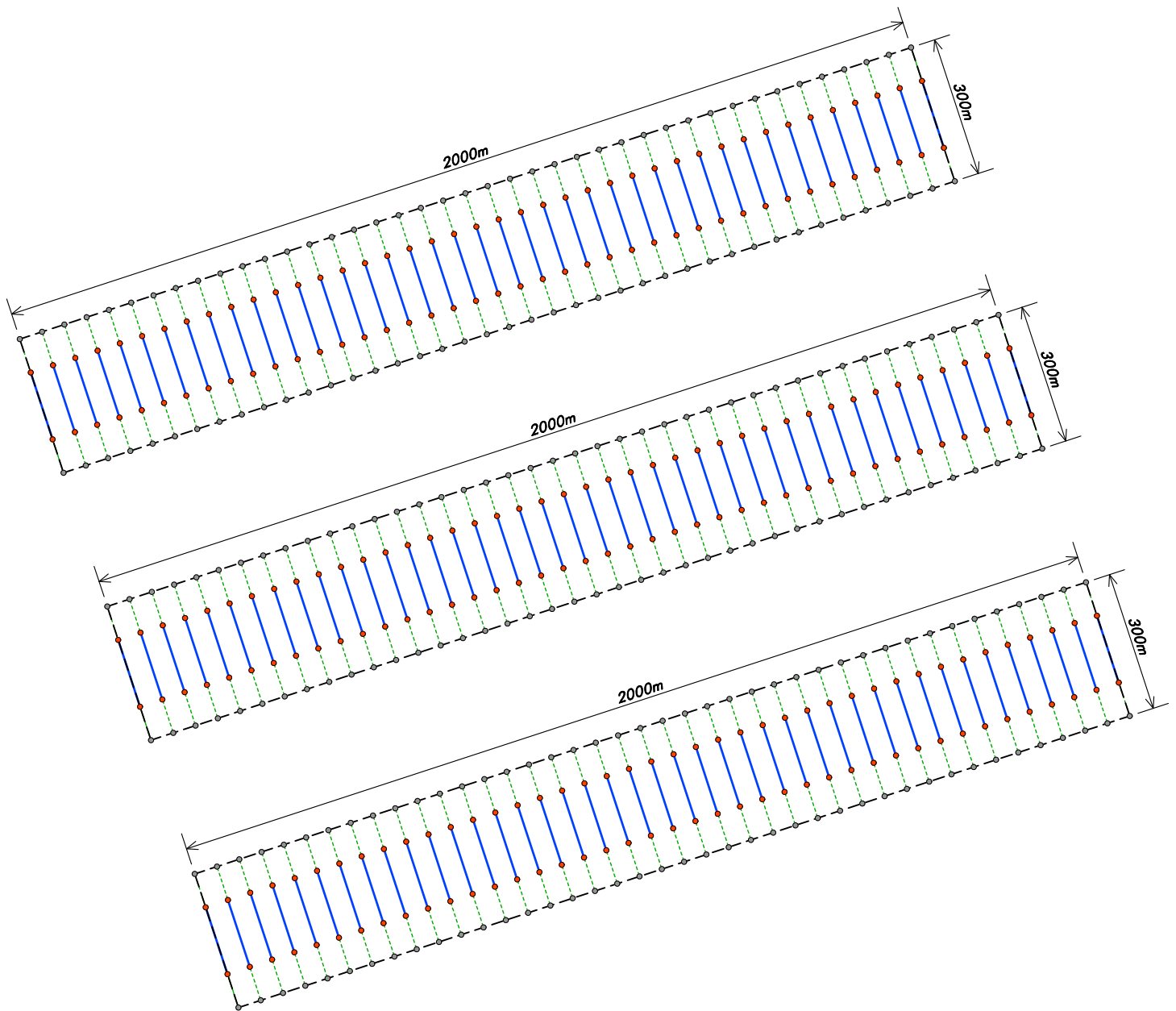


Ref; MF_2847_Site Plans
 Date; 18 January 2024

Proposed Coastal Permit **North Western Mussels** *Spat Catching - Block A*

SCALE 1:15,000





Block A
 Total Longlines = 123
 Longline Spacing = 50m
 Backbone length = 130m - 150m

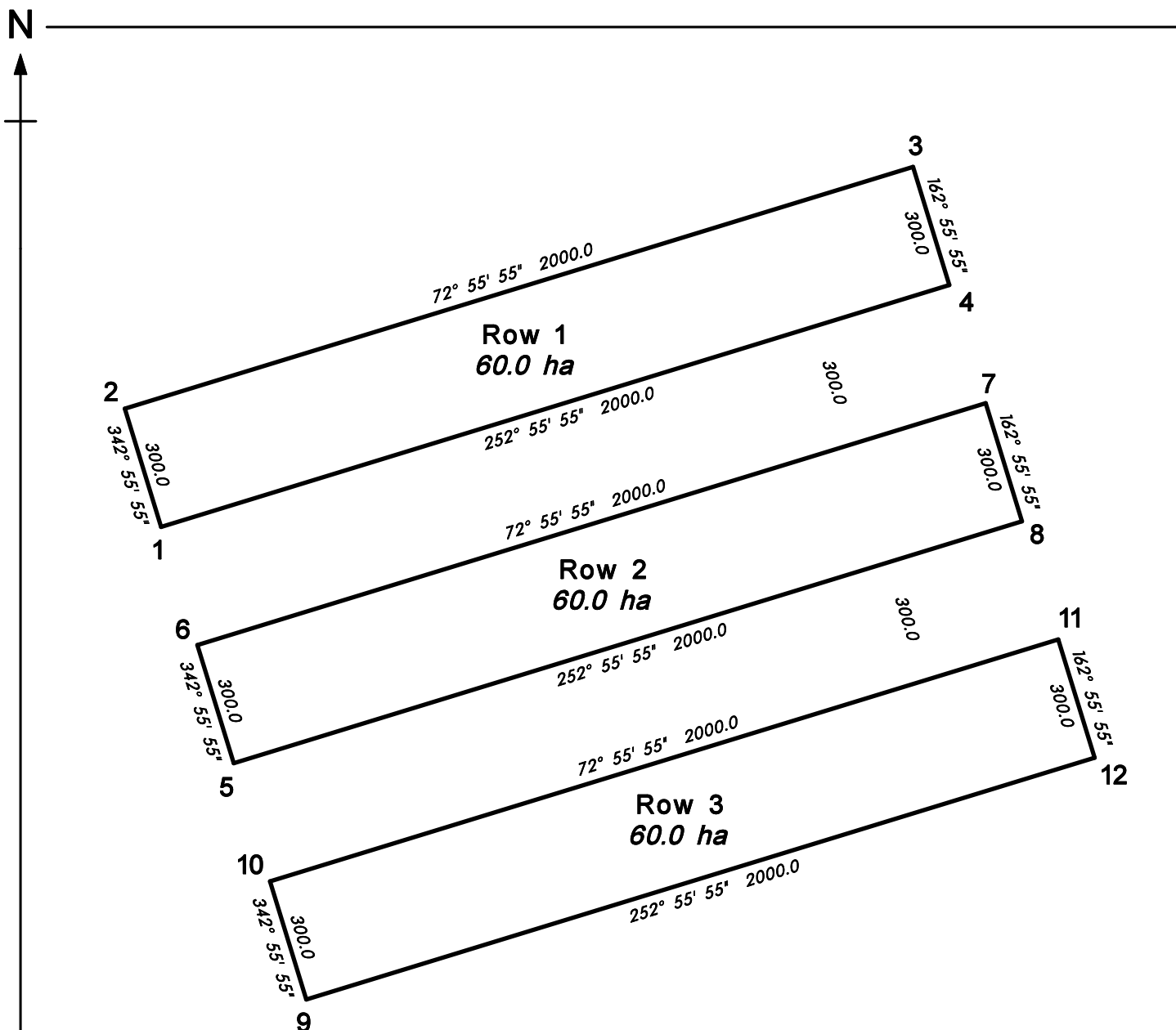
REFERENCE
 --- Block Boundary
 • Orange End Float
 --- Backbone
 --- Warp
 • Anchor



15 November 2022
 MF_2874b

NWM Spat Catching Proposed Structure Layout Block A West Waikato

SCALE 1:13,000
 150 0 150 300 450 600 750 900 metres



Block B
TOTAL AREA = 180.0ha

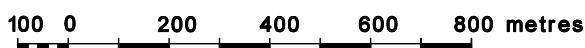
Datum: NZTM2000
 Waikato Regional Council
 This site has not been surveyed

SCHEDULE OF COORDINATES		
DATUM: NZTM2000		
Point	East	North
1	1753457.8	5830378.0
2	1753369.7	5830664.8
3	1755281.6	5831251.8
4	1755369.7	5830965.1
5	1753633.9	5829804.5
6	1753545.8	5830091.3
7	1755457.7	5830678.3
8	1755545.8	5830391.5
9	1753810.0	5829230.9
10	1753721.9	5829517.7
11	1755633.9	5830104.7
12	1755721.9	5829817.9

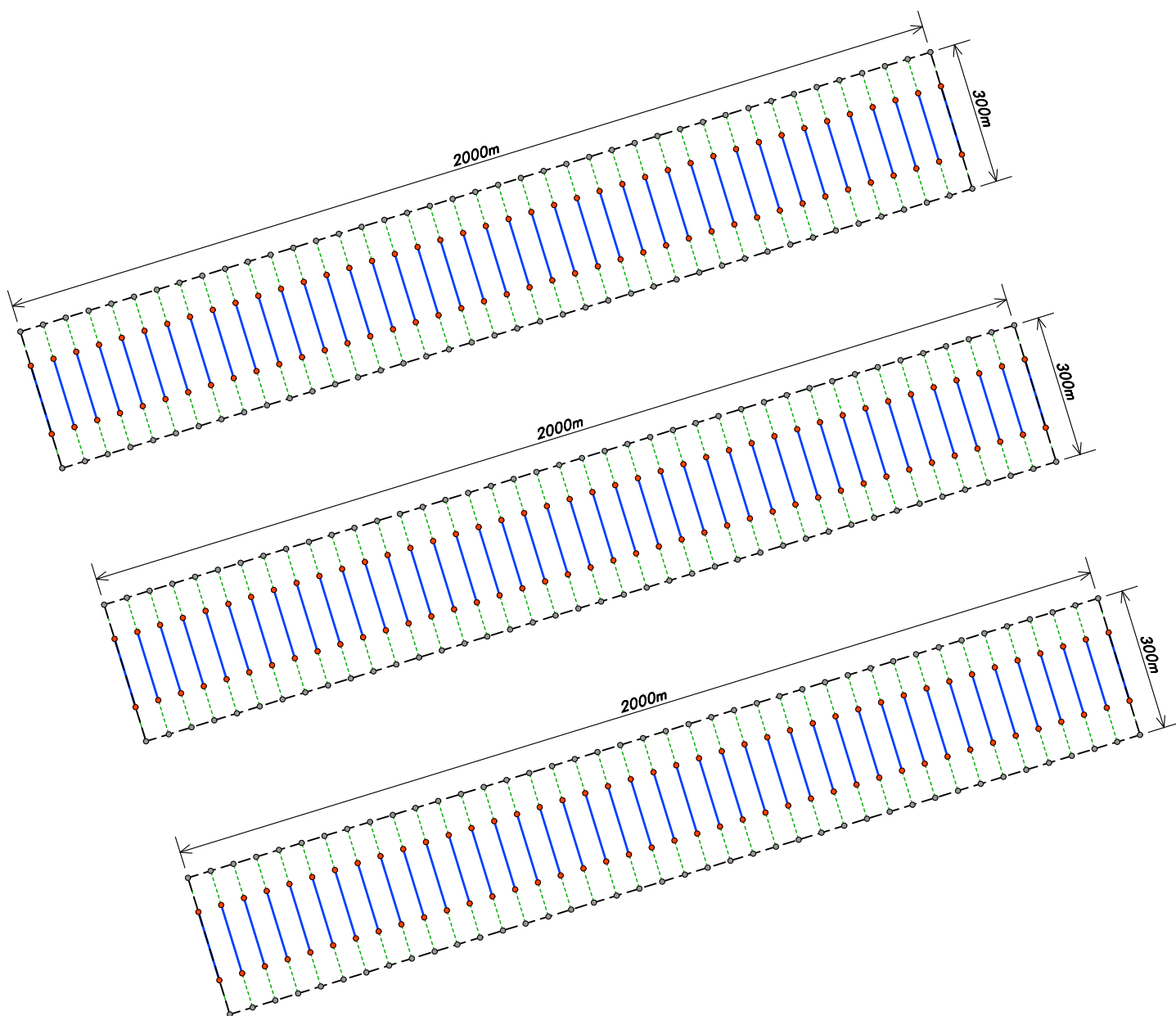


Proposed Coastal Permit North Western Mussels *Spat Catching - Block B*

SCALE 1:15,000



Ref; MF_2847_Site Plans
 Date; 18 January 2024



Block B
 Total Longlines = 123
 Longline Spacing = 50m
 Backbone length = 130m - 150m

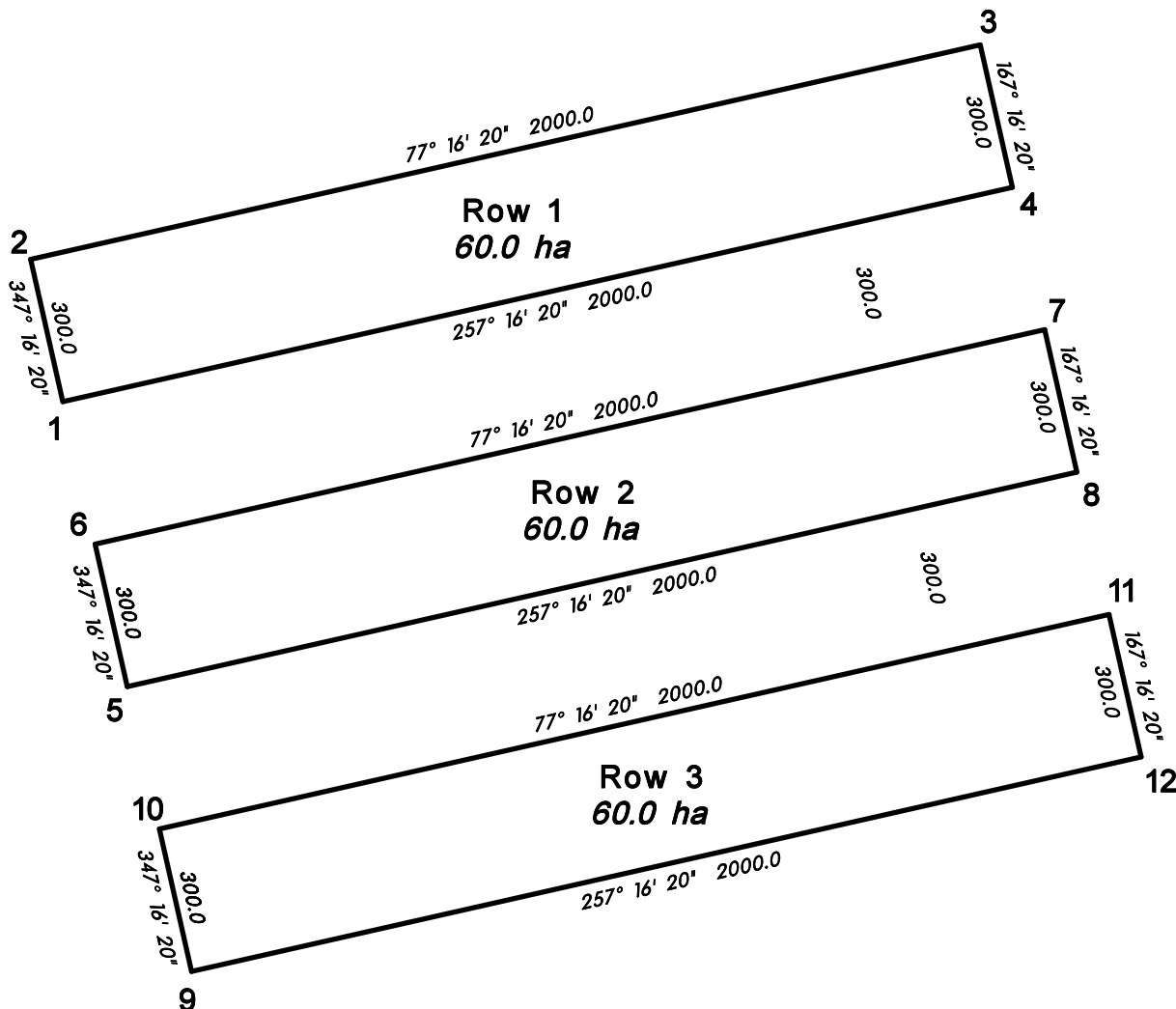
REFERENCE
 --- Block Boundary
 • Orange End Float
 --- Backbone
 --- Warp
 • Anchor



NWM Spat Catching Proposed Structure Layout Block B *West Waikato*

15 November 2022
 MF_2874b

SCALE 1:13,000
 150 0 150 300 450 600 750 900 metres



Block C
TOTAL AREA = 180.0ha

Datum: NZTM2000
Waikato Regional Council
This site has not been surveyed

SCHEDULE OF COORDINATES
DATUM: NZTM2000

Point	East	North
1	1754601.6	5825990.3
2	1754535.5	5826282.9
3	1756486.4	5826723.5
4	1756552.4	5826430.9
5	1754733.8	5825405.0
6	1754667.7	5825697.6
7	1756618.5	5826138.3
8	1756684.6	5825845.6
9	1754866.0	5824819.8
10	1754799.9	5825112.4
11	1756750.7	5825553.0
12	1756816.8	5825260.4



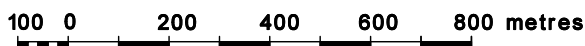
Ref; MF_2847_Site Plans
Date; 18 January 2024

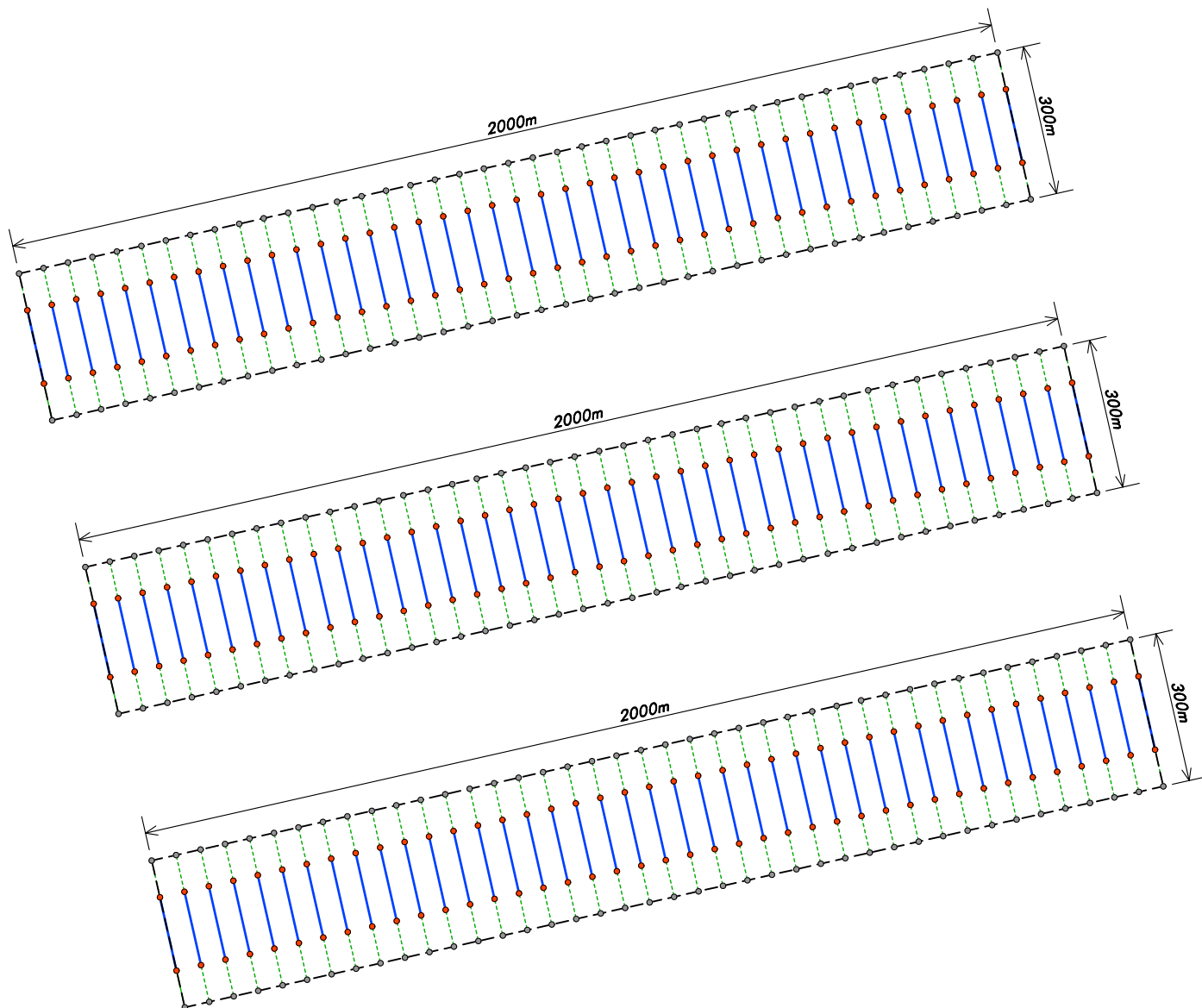
Proposed Coastal Permit

North Western Mussels

Spat Catching - Block C

SCALE 1:15,000





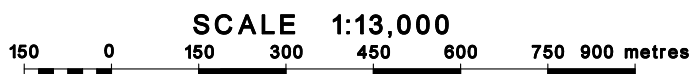
Block C
 Total Longlines = 123
 Longline Spacing = 50m
 Backbone length = 130m - 150m

- REFERENCE**
- Block Boundary
 - Orange End Float
 - Backbone
 - Warp
 - Anchor

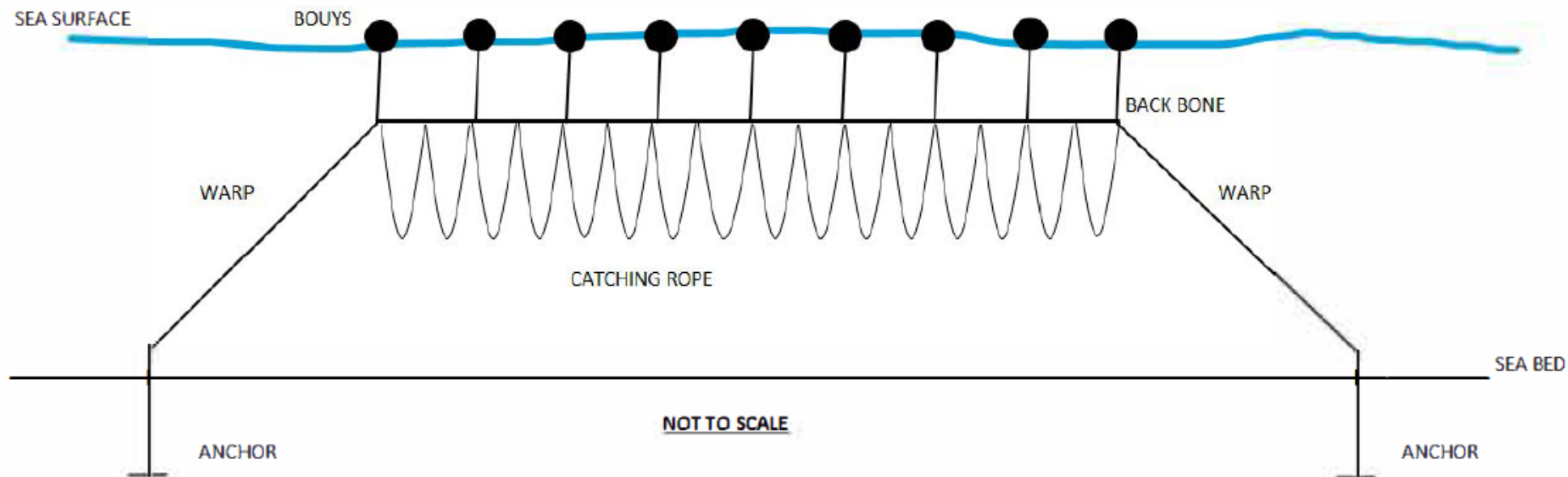


15 November 2022
 MF_2874b

NWM Spat Catching Proposed Structure Layout Block C *West Waikato*



Waikato West Coast Mussel Spat Catching and Nursery Long Line Structure



- Anchors: To be drilled into the seabed 6m - 12m depending on site substrate
Warps: To be 32mm to 44mm diameter rope with 30ton plus breaking strain
Buoys: Spaced 2m to 10m apart
Backbone: 150m in length and 32mm diameter
Catching rope: 8m down in length. 60mm-80mm diameter weighted fribulated self tensioning catching rope