

# Appendix 3

## Design Drawings



DRAWING INDEX		
SHEET No.	SHEET TITLE	REVISION No.
C00	COVER SHEET	E
C01	PROPOSED RECLAMATION AND BERTH 4 (FB) AREAS	D
C02	PROPOSED RECLAMATION (FC) AREAS	D
C03	SETOUT PLAN - PROPOSED RECLAMATION AND WHARF EXTENTS	D
C04	DREDGING PLAN - PROPOSED RECLAMATION AND EXISTING CONSENTED DREDGING	E

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# NORTHPORT

## RALPH TRIMMER DRIVE, MARSDEN POINT

## NORTHPORT - PROPOSED RECLAMATION & DREDGING

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### CIVIL

## CONCEPT - RESOURCE CONSENT

Project No: 1-19278.01(03)  
Date: 2022-08-18

Survey	
Design	
Checked	
Date	

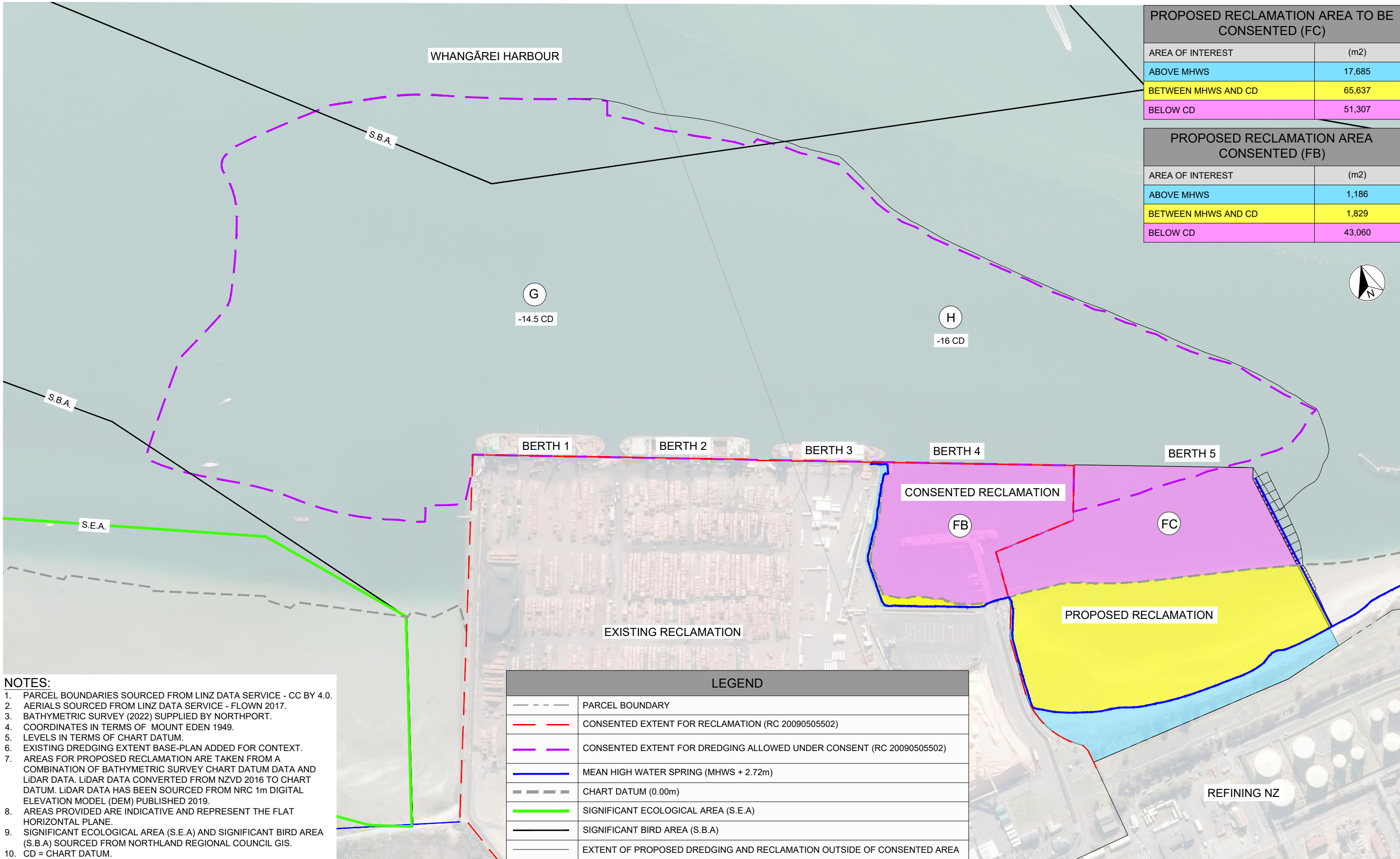
300 mm

200

100

50

0 10 mm



PROPOSED RECLAMATION AREA TO BE CONSENTED (FC)	
AREA OF INTEREST	(m2)
ABOVE MHWS	17,685
BETWEEN MHWS AND CD	65,637
BELOW CD	51,307

PROPOSED RECLAMATION AREA CONSENTED (FB)	
AREA OF INTEREST	(m2)
ABOVE MHWS	1,186
BETWEEN MHWS AND CD	1,829
BELOW CD	43,060

- NOTES:**
1. PARCEL BOUNDARIES SOURCED FROM LINZ DATA SERVICE - CC BY 4.0.
  2. AERIALS SOURCED FROM LINZ DATA SERVICE - FLOWN 2017.
  3. BATHYMETRIC SURVEY (2022) SUPPLIED BY NORTHPORT.
  4. COORDINATES IN TERMS OF MOUNT EDEN 1949.
  5. LEVELS IN TERMS OF CHART DATUM.
  6. EXISTING DREDGING EXTENT BASE-PLAN ADDED FOR CONTEXT.
  7. AREAS FOR PROPOSED RECLAMATION ARE TAKEN FROM A COMBINATION OF BATHYMETRIC SURVEY CHART DATUM DATA AND LIDAR DATA. LIDAR DATA CONVERTED FROM NZVD 2016 TO CHART DATUM. LIDAR DATA HAS BEEN SOURCED FROM NRC 1m DIGITAL ELEVATION MODEL (DEM) PUBLISHED 2019.
  8. AREAS PROVIDED ARE INDICATIVE AND REPRESENT THE FLAT HORIZONTAL PLANE.
  9. SIGNIFICANT ECOLOGICAL AREA (S.E.A) AND SIGNIFICANT BIRD AREA (S.B.A) SOURCED FROM NORTHLAND REGIONAL COUNCIL GIS.
  10. CD = CHART DATUM.

LEGEND	
	PARCEL BOUNDARY
	CONSENTED EXTENT FOR RECLAMATION (RC 20090505502)
	CONSENTED EXTENT FOR DREDGING ALLOWED UNDER CONSENT (RC 20090505502)
	MEAN HIGH WATER SPRING (MHWS + 2.72m)
	CHART DATUM (0.00m)
	SIGNIFICANT ECOLOGICAL AREA (S.E.A)
	SIGNIFICANT BIRD AREA (S.B.A)
	EXTENT OF PROPOSED DREDGING AND RECLAMATION OUTSIDE OF CONSENTED AREA

1:2500 @ A1  
1:5000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	ISSUED FOR INFORMATION	P.J.H.	2021-08-10
B	ISSUED FOR COMMENT	-	-
C	ISSUED FOR RESOURCE CONSENT	DTJ	2021-11-15
D	ISSUED FOR RESOURCE CONSENT	BGS	2022-08-11



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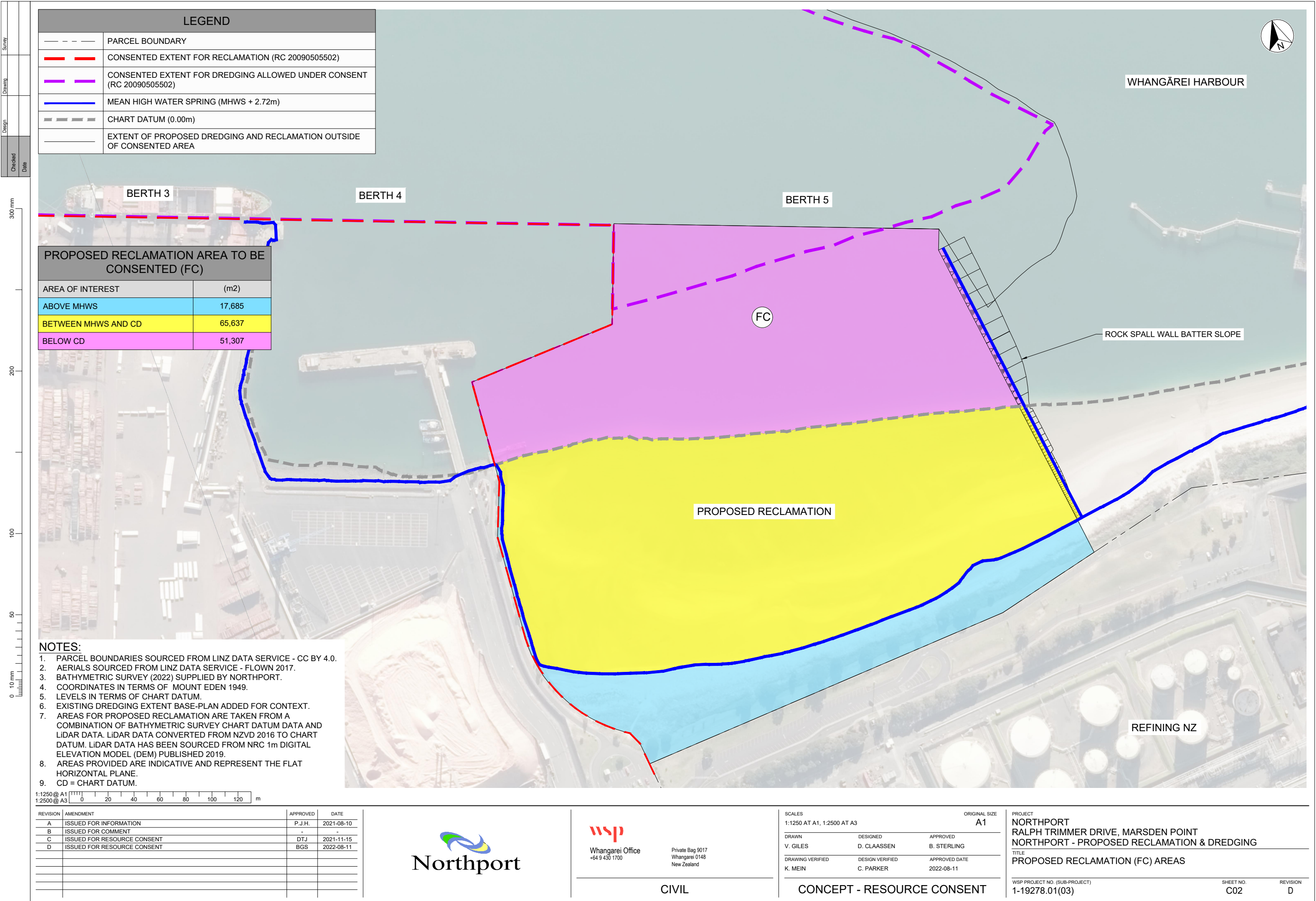
CIVIL

SCALES		ORIGINAL SIZE
1:2500 AT A1, 1:5000 AT A3		A1
DRAWN	DESIGNED	APPROVED
V. GILES	D. CLAASSEN	B. STERLING
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
K. MEIN	C. PARKER	2022-08-11

CONCEPT - RESOURCE CONSENT

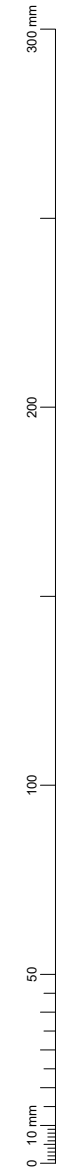
PROJECT	NORTHPORT
RALPH TRIMMER DRIVE, MARSDEN POINT	
NORTHPORT - PROPOSED RECLAMATION & DREDGING	
TITLE	PROPOSED RECLAMATION AND BERTH 4 (FB) AREAS
WSP PROJECT NO. (SUB-PROJECT)	1-19278.01(03)
SHEET NO.	C01
REVISION	D







Survey	
Design	
Checked	
Date	



LEGEND	
	PARCEL BOUNDARY
	MEAN HIGH WATER SPRING (MHWS + 2.72m)
	CONSENTED EXTENT FOR RECLAMATION (RC 20090505502)
	EXTENT OF PROPOSED RECLAMATION
	EXTENT OF BULK EARTHWORKS



- NOTES:
1. PARCEL BOUNDARIES SOURCED FROM LINZ DATA SERVICE - CC BY 4.0.
  2. AERIALS SOURCED FROM LINZ DATA SERVICE - FLOWN 2017.
  3. COORDINATES IN TERMS OF MOUNT EDEN 1949.
  4. TUG JETTY & FISHING JETTY LOCATION & DESIGN TO BE CONFIRMED.
  5. COORDINATES TO 1m ACCURACY.

SETOUT PLAN - EASTERN RECLAMATION AND WHARF EXTENTS  
SCALE 1:1250

1:1250@ A1  
1:2500@ A3

REVISION	AMENDMENT	APPROVED	DATE
A	ISSUED FOR INFORMATION	P.J.H.	2021-08-10
B	ISSUED FOR COMMENT		
C	ISSUED FOR RESOURCE CONSENT	DTJ	2021-11-15
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CIVIL

SCALES		ORIGINAL SIZE
1:1250 AT A1		A1
DRAWN	DESIGNED	APPROVED
V. GILES	D. CLAASSEN	B. STERLING
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
K. MEIN	C. PARKER	2022-08-11

CONCEPT - RESOURCE CONSENT

PROJECT	
NORTHPORT RALPH TRIMMER DRIVE, MARSDEN POINT NORTHPORT - PROPOSED RECLAMATION & DREDGING	
TITLE	
SETOUT PLAN PROPOSED RECLAMATION AND WHARF EXTENTS	
WSP PROJECT NO. (SUB-PROJECT)	SHEET NO.
1-19278.01(03)	C03
	REVISION
	D



