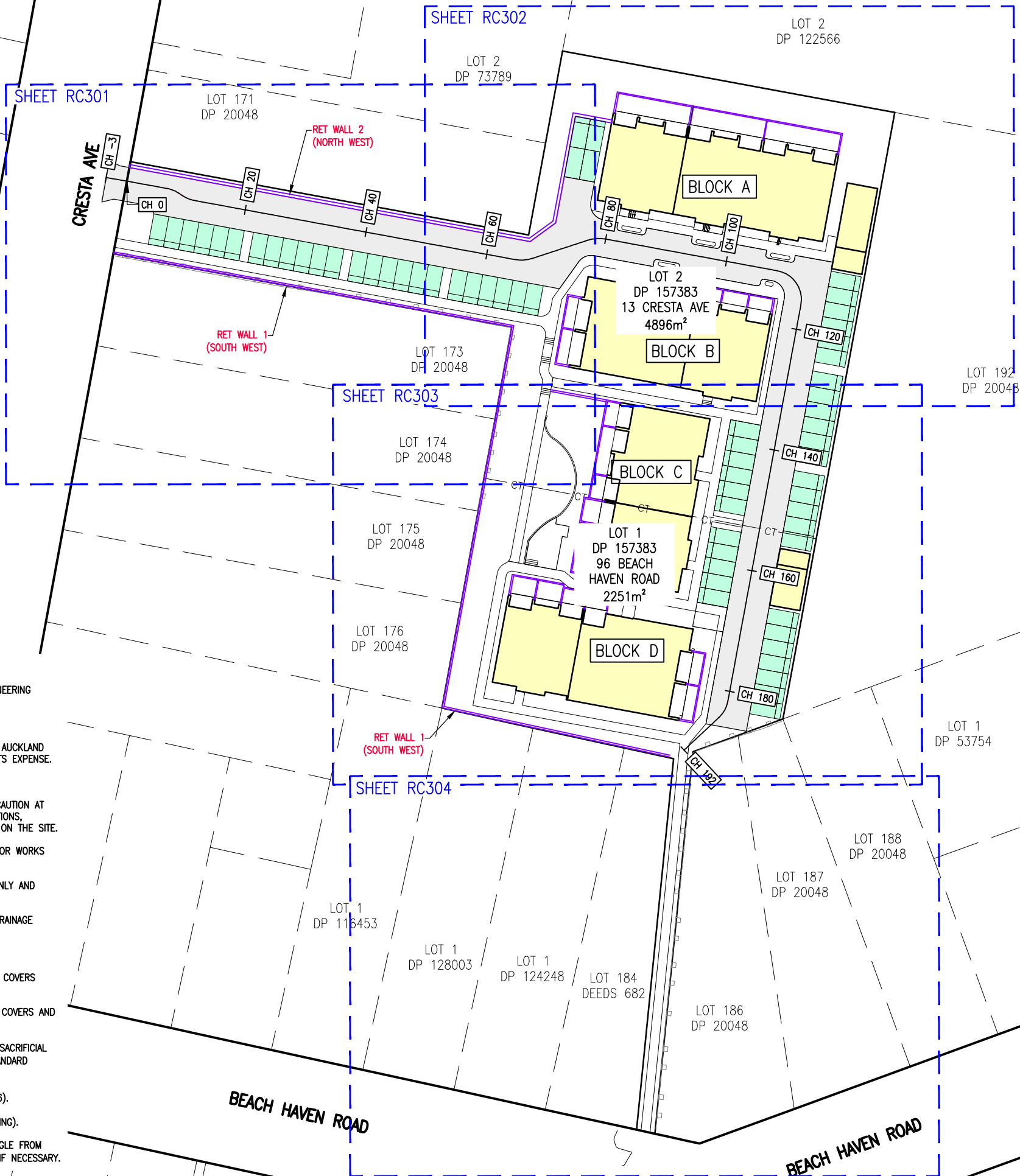
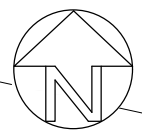


# Appendix A

## Resource Consent Plans



**NOTES**

1. ALL WORK TO BE CARRIED OUT TO AUCKLAND COUNCIL & WATERCARE SERVICES ENGINEERING STANDARDS.
2. CONTRACTOR TO LOCATE ALL SERVICES PRIOR TO COMMENCEMENT OF WORK.
3. STORMWATER, WASTEWATER AND WATERMAIN CONNECTIONS SHALL BE INSTALLED BY AN AUCKLAND COUNCIL & WATERCARE SERVICES APPROVED LICENSED CONTRACTOR AT THE APPLICANTS EXPENSE.
4. CONTRACTOR TO CONFIRM ALL DIMENSIONS ON SITE.
5. BOTH CONTRACTORS AND CONSULTANTS ARE TO TAKE ALL NECESSARY CARE AND PRECAUTION AT THE CONSTRUCTION SITE TO AVOID ACCIDENT AND INJURY FROM FALLING INTO EXCAVATIONS, CRUSHING BY SUBSIDING EXCAVATIONS AND THE MOVEMENT OF PLANT AND MATERIALS ON THE SITE.
6. THE CONTRACTOR SHALL PROVIDE SAFETY SHIELD OR EQUIVALENT SAFETY MEASURES FOR WORKS AREA DEEPER THAN OR EQUAL TO 1.5m TO COMPLY WITH WORKSAFE NEW ZEALAND.
7. CONTOURS AND MEASUREMENTS HAVE BEEN PROVIDED FOR ENGINEERING PURPOSES ONLY AND SHOULD NOT BE USED FOR TOWN PLANNING PURPOSES.
8. PILOT ALL SERVICES AND EXISTING DRAINAGE LINES PRIOR TO INSTALLATION OF NEW DRAINAGE LINES.
9. LEVELS IN TERMS OF LANDS & SURVEY DATUM 1946.
10. ALL PROPOSED PUBLIC STORMWATER MANHOLES TO BE 1050Ø RC, WITH 600Ø HINGED COVERS INSTALLED, UNLESS SPECIFIED OTHERWISE.
11. ALL PROPOSED PUBLIC WASTEWATER MANHOLES TO BE 1050Ø RC, WITH 600Ø HINGED COVERS AND SAFETY GRILLES INSTALLED, UNLESS SPECIFIED OTHERWISE.
12. ALL PRECAST CONCRETE WASTEWATER MANHOLES TO BE THICKWALLED (WITH A 25mm SACRIFICIAL LAYER) OR HAVE APPROVED PE/PVC LINING AS PER WATERCARE MATERIAL SUPPLY STANDARD 14.8.4(H).
13. ALL PROPOSED STORMWATER AND WASTEWATER CONNECTIONS TO BE 100Ø uPVC (SN16).
14. ALL 100Ø WASTEWATER LOT CONNECTIONS TO BE FACTORY WYE JUNCTIONS (SN16 RATING).
15. ALL 100Ø WASTEWATER LOT CONNECTIONS TO BE INSTALLED AT MIN. 30° INCOMING ANGLE FROM HORIZONTAL (MAX. 60°) PER WW15. INSTALL PLAIN BEND AT END OF WYE JUNCTION IF NECESSARY.

Original Size: 0 10 20 30 40 50

No.	Revision Details	Date	No.	Revision Details	Date
1	REVISED FOR CONSENT.	10/09/2021			

Design N.N.N.  
 Survey EASDALE SURVEYORS LTD  
 Drawn B.T.S.  
 Checked M.T.W.  
 Date 15/09/2021  
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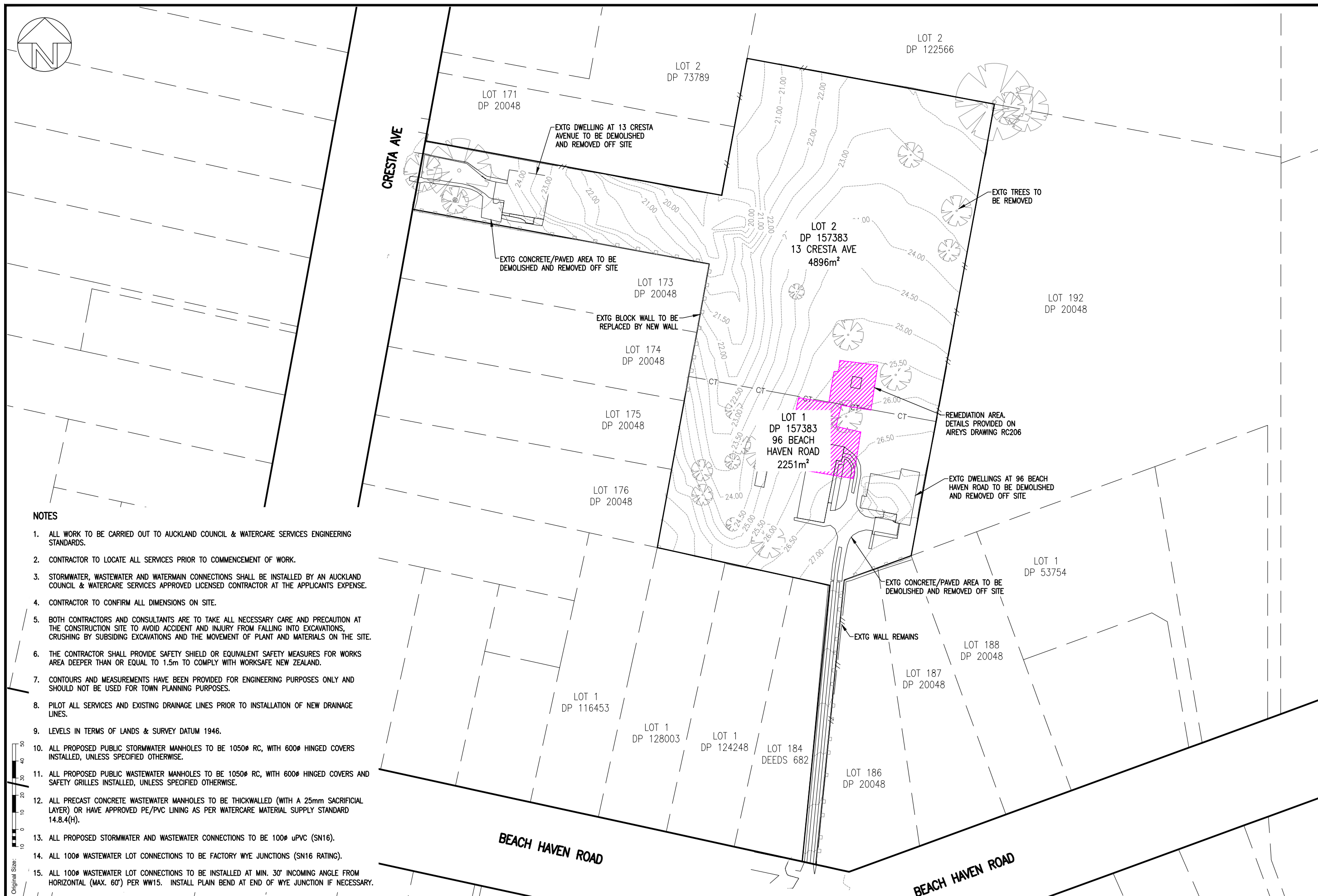
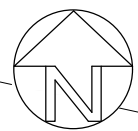
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Job Title:  
**PROPOSED ENGINEERING WORKS FOR BENTLEY STUDIOS LTD**  
 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE  
 BEACH HAVEN  
**RESOURCE CONSENT**



Drawing Title: <b>OVERALL SITE PLAN</b>	
File No. 200626/1	Rev. 1
Dwg. No. RC100	

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**NOTES**

1. ALL WORK TO BE CARRIED OUT TO AUCKLAND COUNCIL & WATERCARE SERVICES ENGINEERING STANDARDS.
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7. CONTOURS AND MEASUREMENTS HAVE BEEN PROVIDED FOR ENGINEERING PURPOSES ONLY AND SHOULD NOT BE USED FOR TOWN PLANNING PURPOSES.
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12. ALL PRECAST CONCRETE WASTEWATER MANHOLES TO BE THICKWALLED (WITH A 25mm SACRIFICIAL LAYER) OR HAVE APPROVED PE/PVC LINING AS PER WATERCARE MATERIAL SUPPLY STANDARD 14.8.4(H).
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Original Size:  
 0 10 20 30 40 50

No.	Revision Details	Date	No.	Revision Details	Date

Design B.T.S.  
 Survey EASDALE SURVEYORS LTD  
 Drawn B.T.S.  
 Checked M.T.W.  
 Date 15/09/2021  
 Scale A3 1:750  
 CAD Filename  
 © Copyright 2021 Airey Consultants Ltd

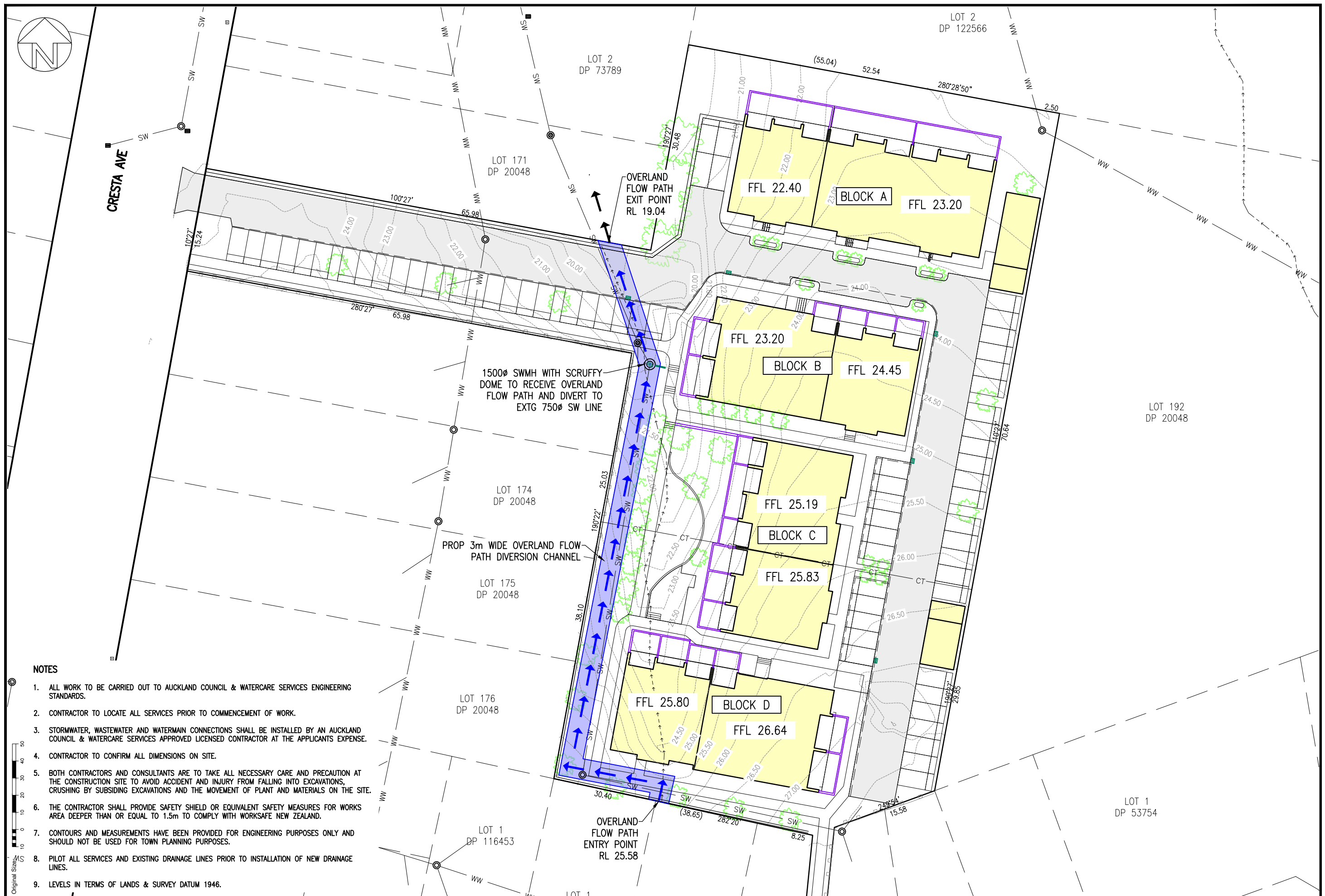
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Job Title:  
**PROPOSED ENGINEERING WORKS FOR BENTLEY STUDIOS LTD 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE BEACH HAVEN**  
 RESOURCE CONSENT



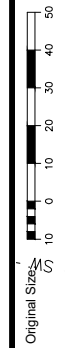
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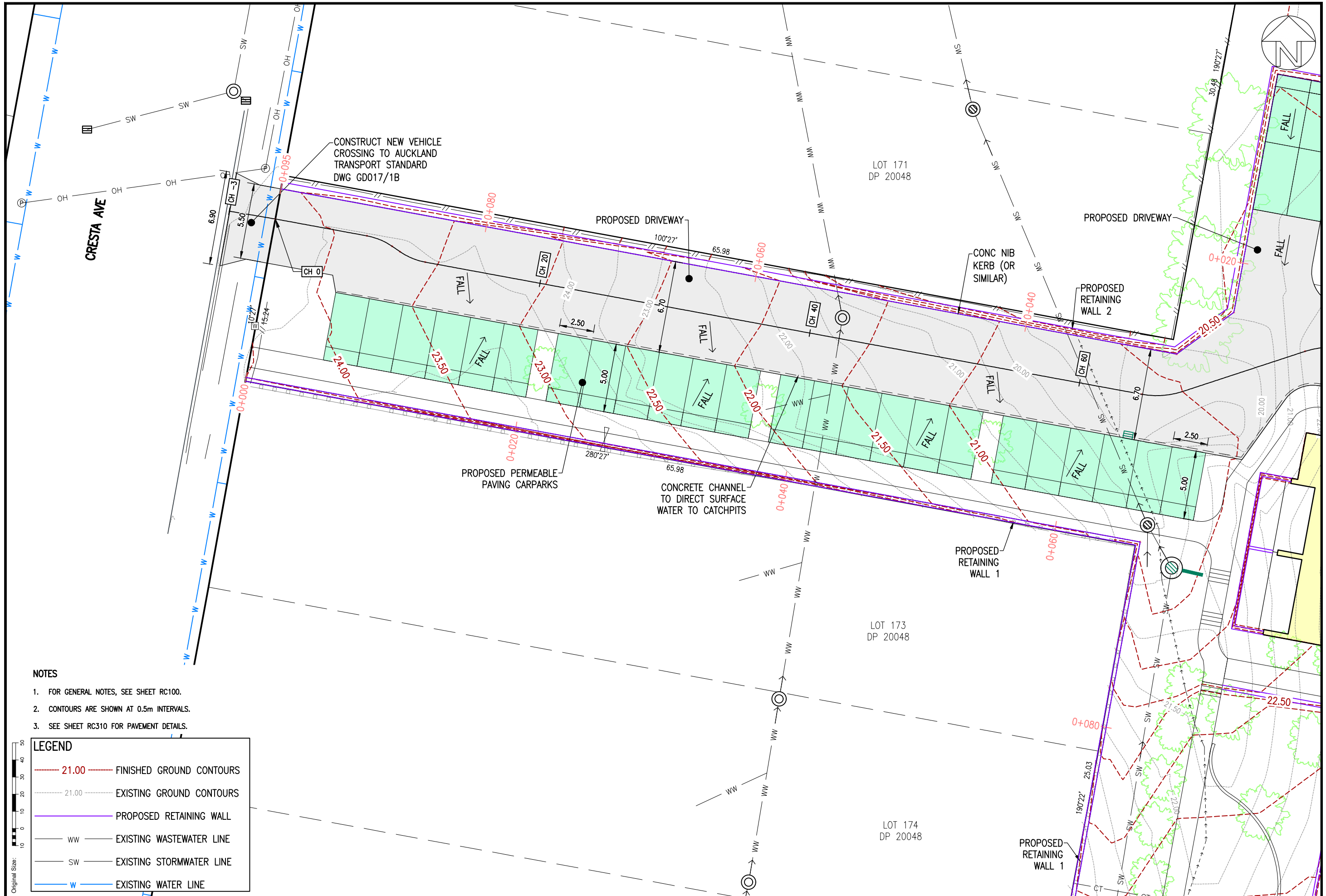
**NOTES**

1. ALL WORK TO BE CARRIED OUT TO AUCKLAND COUNCIL & WATERCARE SERVICES ENGINEERING STANDARDS.
2. CONTRACTOR TO LOCATE ALL SERVICES PRIOR TO COMMENCEMENT OF WORK.
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8. PILOT ALL SERVICES AND EXISTING DRAINAGE LINES PRIOR TO INSTALLATION OF NEW DRAINAGE LINES.
9. LEVELS IN TERMS OF LANDS & SURVEY DATUM 1946.



Design B.T.S. Survey EASDALE SURVEYORS LTD Drawn B.T.S. Checked M.T.W. Date 15/09/2021 Scale A3 1:500 CAD Filename		Job Title <b>PROPOSED ENGINEERING WORKS FOR BENTLEY STUDIOS LTD</b> 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE BEACH HAVEN <b>RESOURCE CONSENT</b>				Drawing Title <b>PROPOSED OVERLAND FLOW PATH DIVERSION</b>	
No. Revision Details Date No. Revision Details Date		© Copyright 2021 Airey Consultants Ltd		CONSULTING CIVIL & STRUCTURAL ENGINEERS Takapuna, Botany, Queenstown		File No. 200626/1	
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- NOTES**
- FOR GENERAL NOTES, SEE SHEET RC100.
  - CONTOURS ARE SHOWN AT 0.5m INTERVALS.
  - SEE SHEET RC310 FOR PAVEMENT DETAILS.

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	21.00	EXISTING GROUND CONTOURS
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	sw	EXISTING STORMWATER LINE
	w	EXISTING WATER LINE

No.	Revision Details	Date	No.	Revision Details	Date

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Survey	EASDALE SURVEYORS LTD
Drawn	B.T.S.
Checked	M.T.W.
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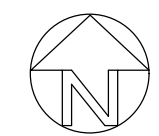
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Job Title:  
**PROPOSED ENGINEERING WORKS FOR BENTLEY STUDIOS LTD**  
 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE BEACH HAVEN

**RESOURCE CONSENT**

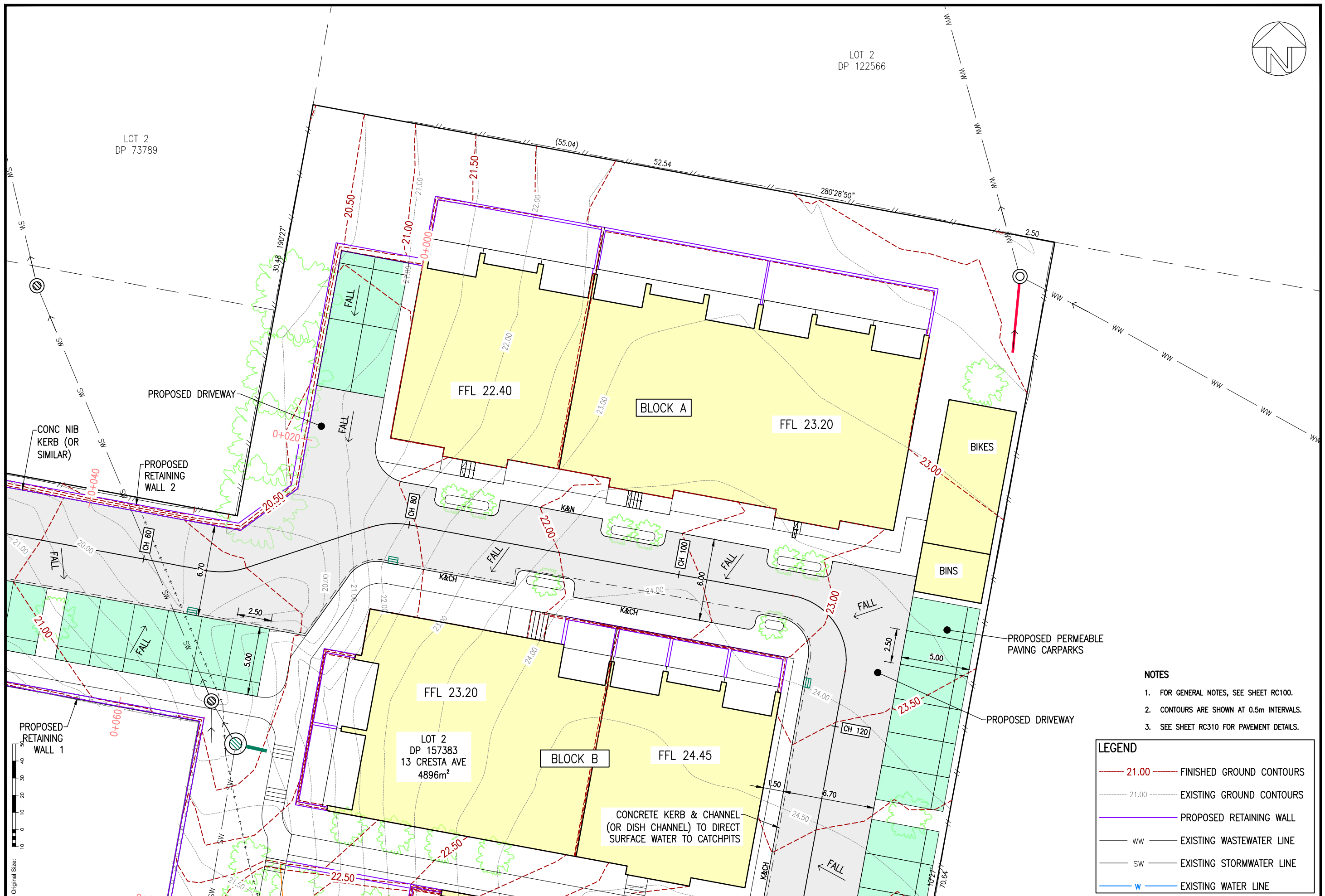


Drawing Title: <b>PART SITE PLAN - SHEET 1 OF 4</b>	
File No. 200626/1	Rev. -
Dwg. No. RC301	



LOT 2  
DP 122566

LOT 2  
DP 73789



- NOTES**
1. FOR GENERAL NOTES, SEE SHEET RC100.
  2. CONTOURS ARE SHOWN AT 0.5m INTERVALS.
  3. SEE SHEET RC310 FOR PAVEMENT DETAILS.

**LEGEND**

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	21.00	EXISTING GROUND CONTOURS
		PROPOSED RETAINING WALL
	ww	EXISTING WASTEWATER LINE
	sw	EXISTING STORMWATER LINE
	w	EXISTING WATER LINE

Original Size: 10 20 30 40 50

Design N.N.N.  
 Survey EASDALE SURVEYORS LTD  
 Drawn B.T.S.  
 Checked M.T.W.  
 Date 15/09/2021  
 Scale A3 1:250  
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Job Title:  
**PROPOSED ENGINEERING WORKS  
 FOR  
 BENTLEY STUDIOS LTD  
 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE  
 BEACH HAVEN**

**RESOURCE CONSENT**



Drawing Title:  
**PART SITE PLAN  
 - SHEET 2 OF 4**

File No.  
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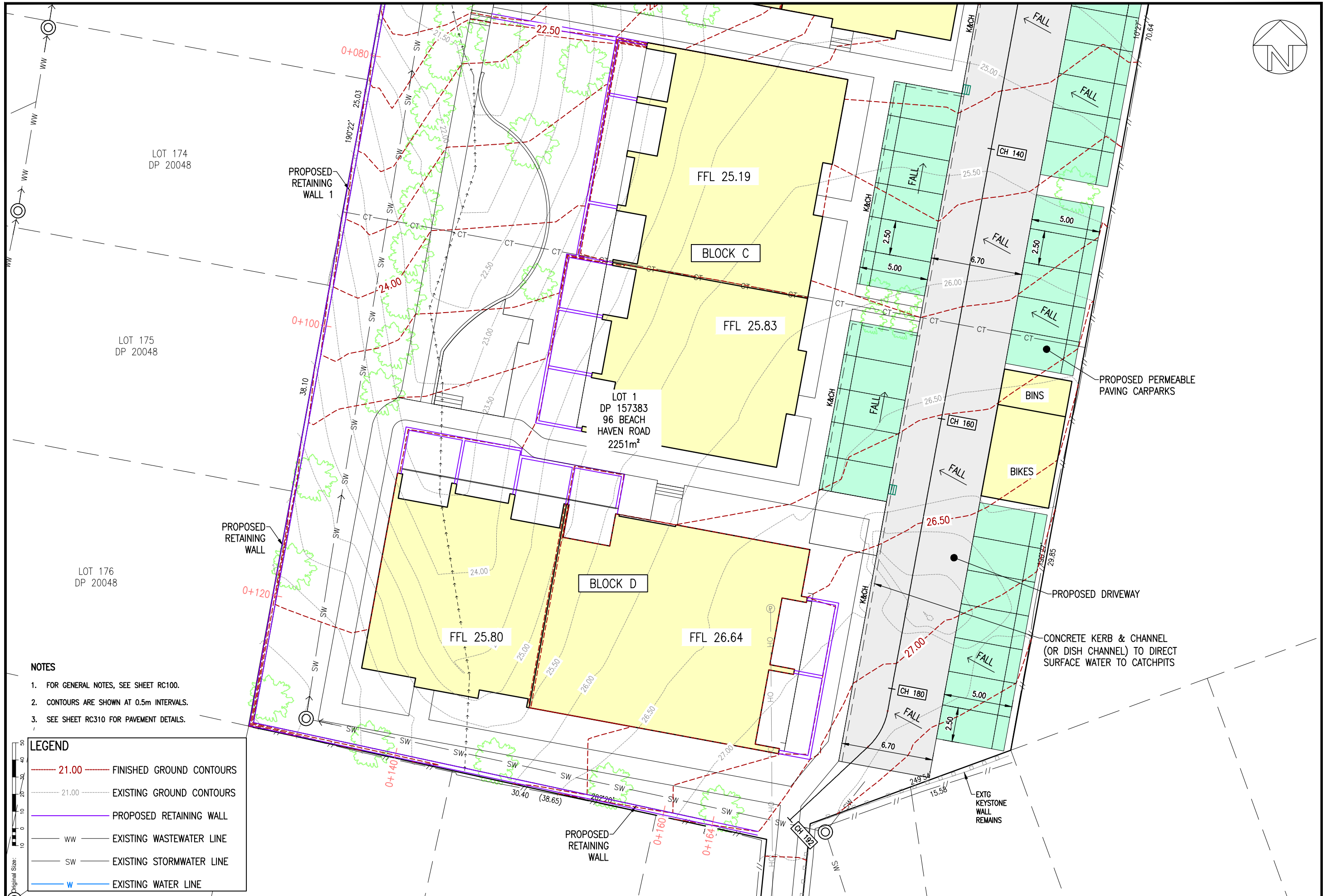
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- NOTES**
1. FOR GENERAL NOTES, SEE SHEET RC100.
  2. CONTOURS ARE SHOWN AT 0.5m INTERVALS.
  3. SEE SHEET RC310 FOR PAVEMENT DETAILS.

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		EXISTING STORMWATER LINE
		EXISTING WATER LINE

No.	Revision Details	Date	No.	Revision Details	Date

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Survey	EASDALE SURVEYORS LTD
Drawn	B.T.S.
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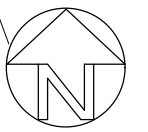
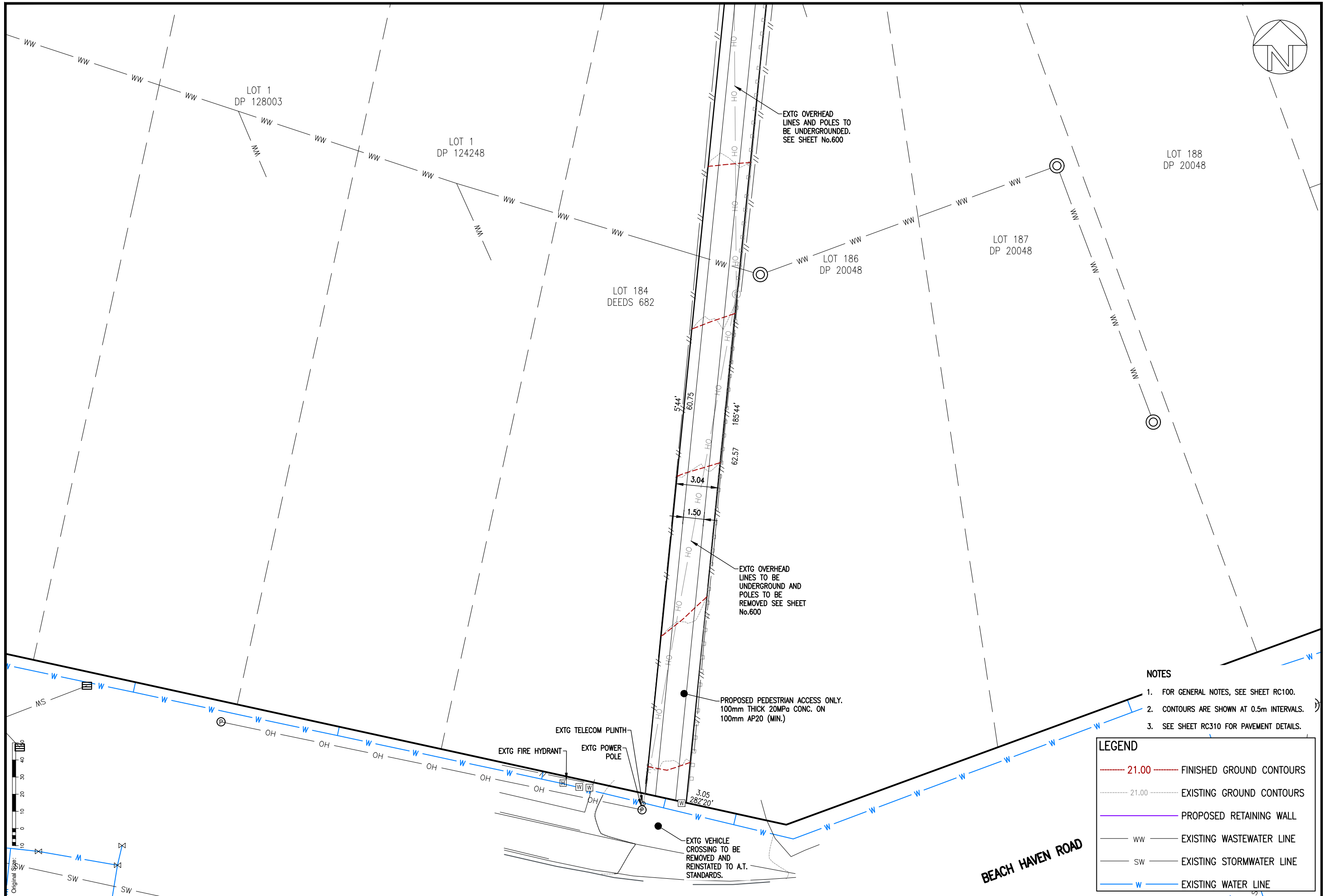
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 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE BEACH HAVEN

**RESOURCE CONSENT**



Drawing Title: <b>PART SITE PLAN - SHEET 3 OF 4</b>	
File No. 200626/1	Rev. -
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- NOTES**
1. FOR GENERAL NOTES, SEE SHEET RC100.
  2. CONTOURS ARE SHOWN AT 0.5m INTERVALS.
  3. SEE SHEET RC310 FOR PAVEMENT DETAILS.

**LEGEND**

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		PROPOSED RETAINING WALL
	WW	EXISTING WASTEWATER LINE
	SW	EXISTING STORMWATER LINE
	W	EXISTING WATER LINE

No.	Revision Details	Date	No.	Revision Details	Date

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 Survey EASDALE SURVEYORS LTD  
 Drawn B.T.S.  
 Checked M.T.W.  
 Date 15/09/2021  
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Job Title  
**PROPOSED ENGINEERING WORKS FOR BENTLEY STUDIOS LTD**  
 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE BEACH HAVEN

**RESOURCE CONSENT**



Drawing Title  
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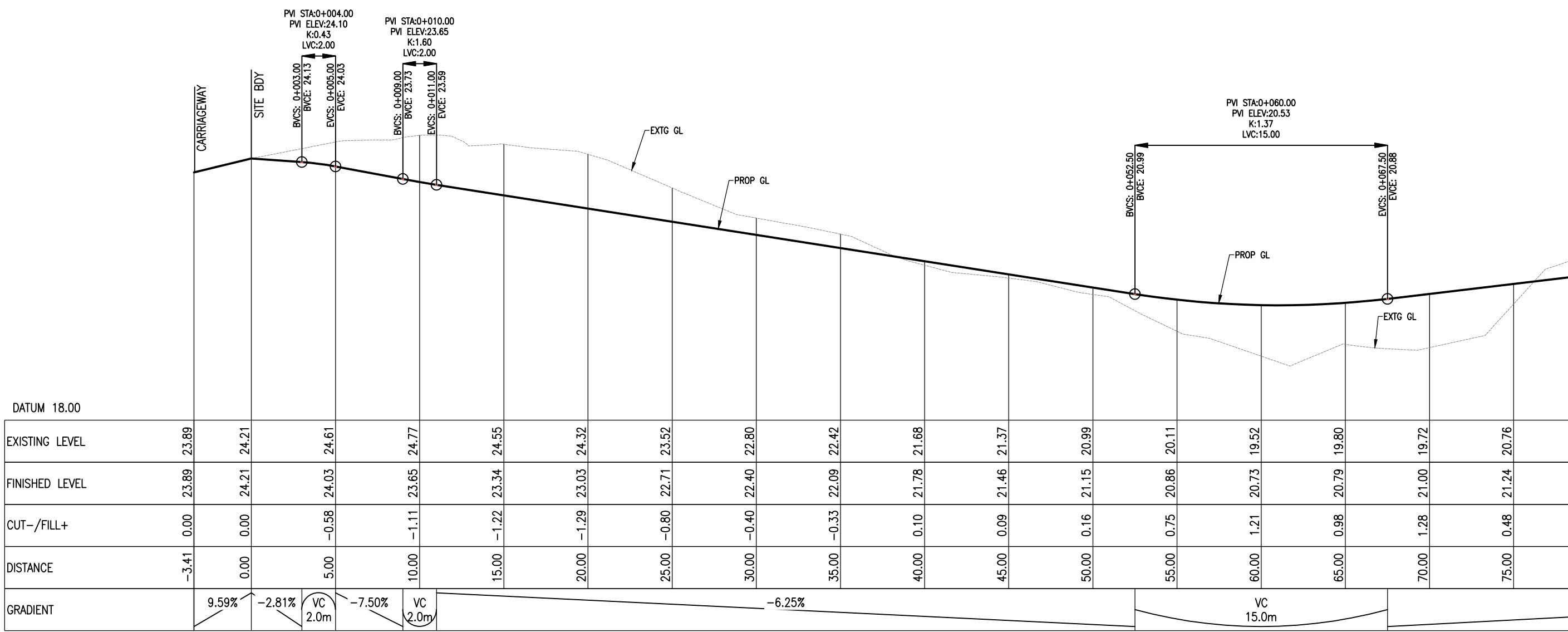
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Rev. -

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### COMMON ACCESSWAY



No.	Revision Details	Date	No.	Revision Details	Date

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 Checked M.T.W.  
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**FINAL**

Job Title:  
**PROPOSED ENGINEERING WORKS FOR BENTLEY STUDIOS LTD**  
 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE BEACH HAVEN

**RESOURCE CONSENT**



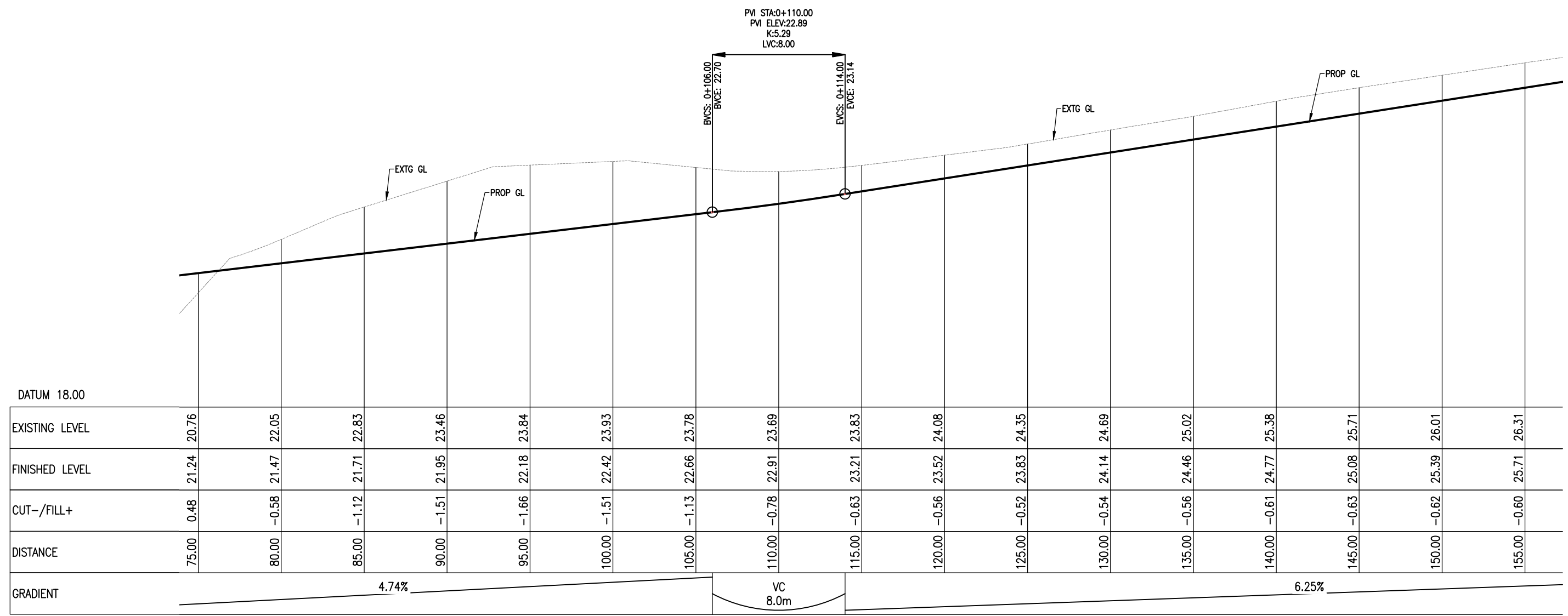
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File No. 200626/1

Rev. -

Dwg. No. RC310

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COMMON ACCESSWAY Cont.



No.	Revision Details	Date	No.	Revision Details	Date

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Survey EASDALE SURVEYORS LTD  
Drawn B.T.S.  
Checked M.T.W.  
Date 15/09/2021  
Scale A3 AS SHOWN  
CAD Filename  
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**FINAL**

Job Title:  
**PROPOSED ENGINEERING WORKS  
FOR  
BENTLEY STUDIOS LTD  
96 BEACH HAVEN ROAD & 13 CRESTA AVENUE  
BEACH HAVEN**

**RESOURCE CONSENT**



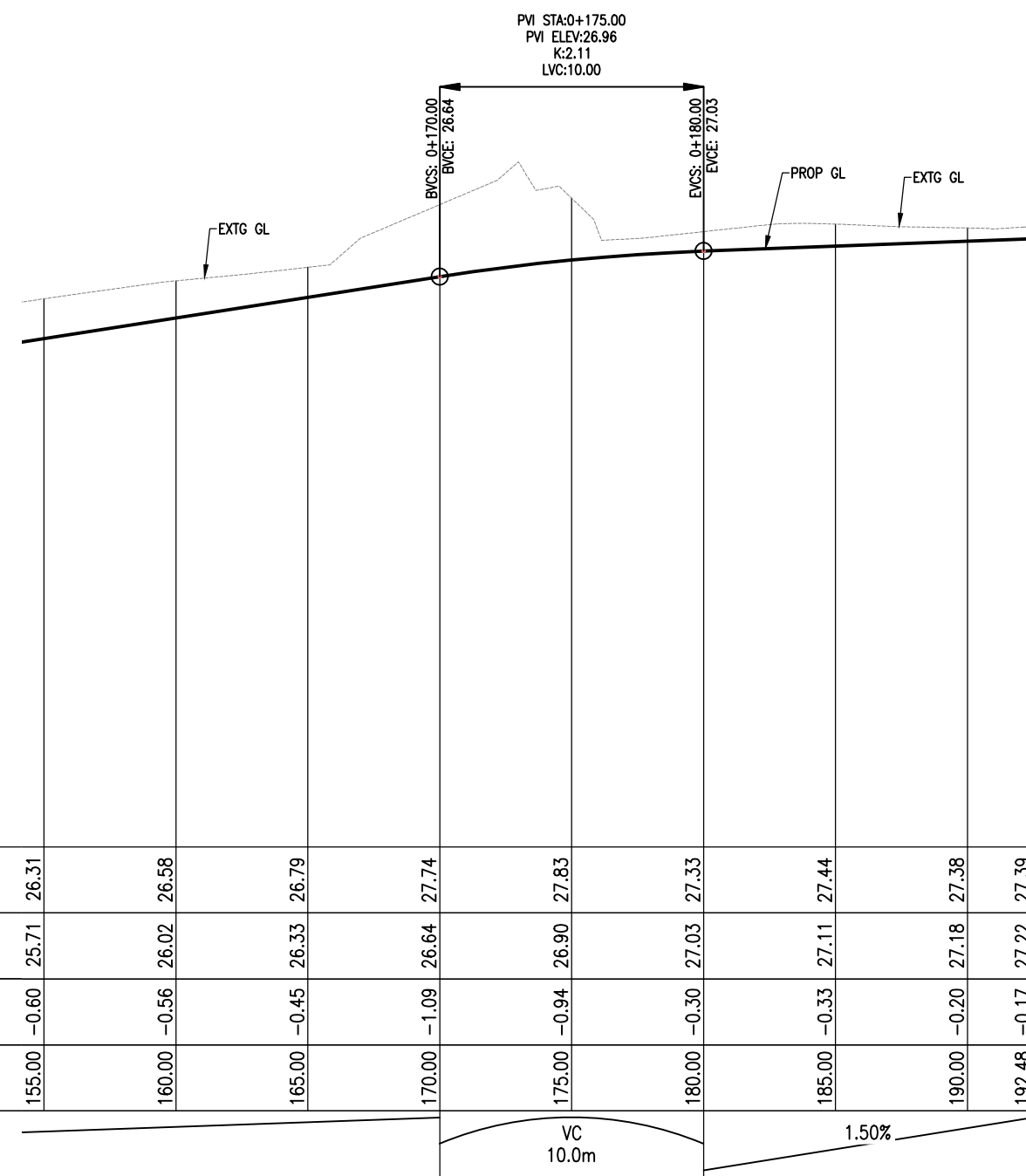
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- LONGITUDINAL SECTION  
- SHEET 2 OF 3**

File No.  
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Rev.  
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Dwg. No.  
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COMMON ACCESSWAY Cont.



No.	Revision Details	Date	No.	Revision Details	Date

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 Checked M.T.W.  
 Date 15/09/2021  
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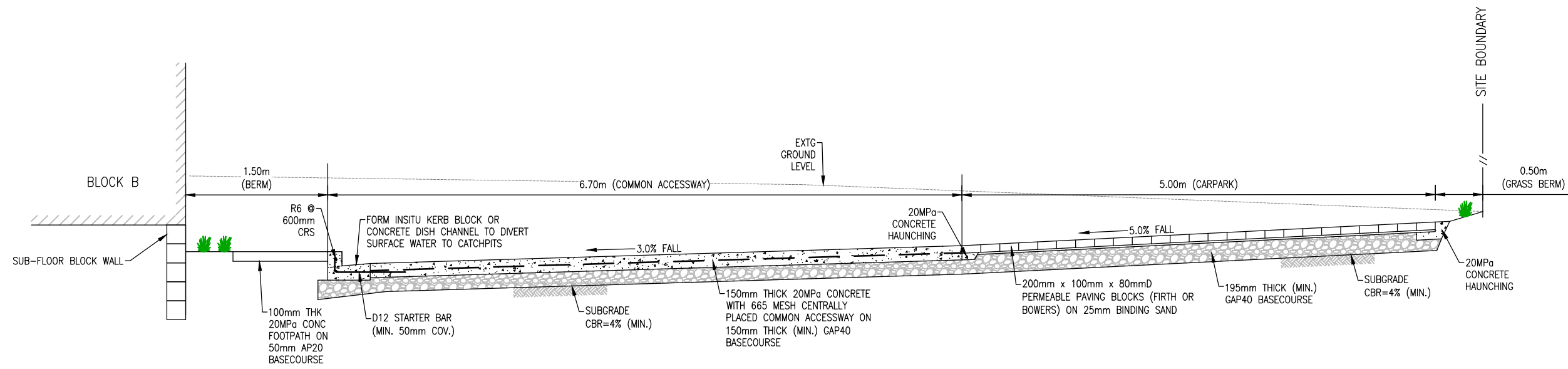
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 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE BEACH HAVEN  
**RESOURCE CONSENT**

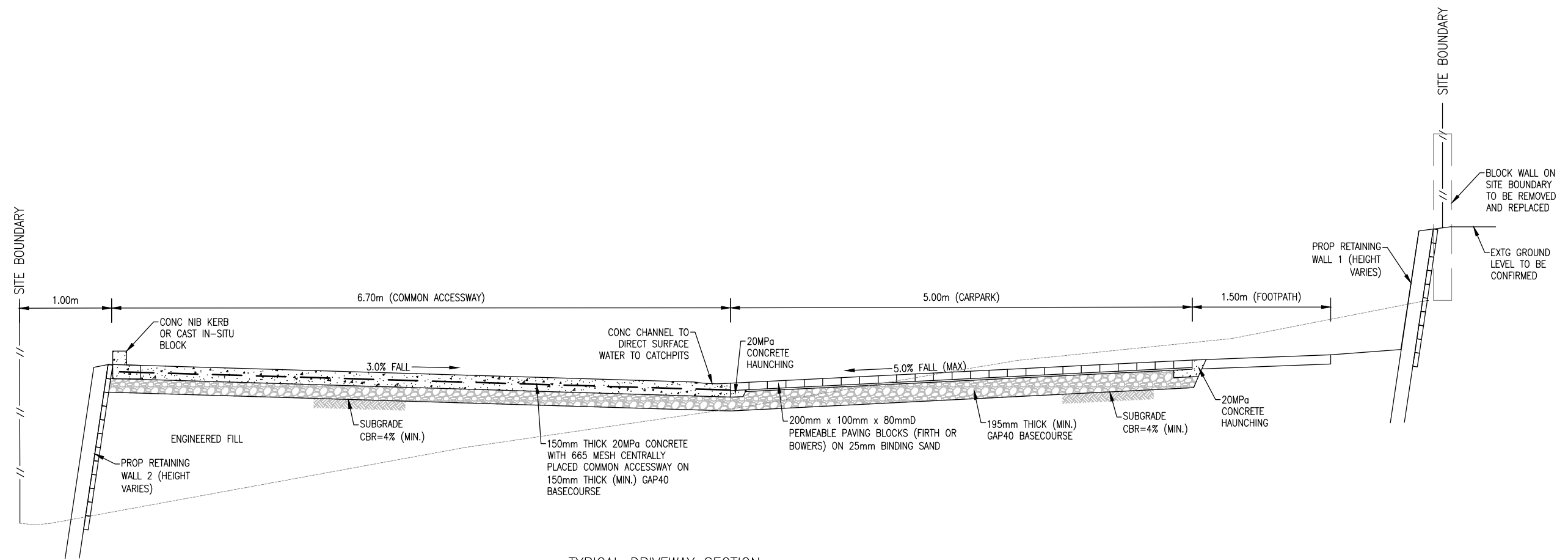


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File No. 200626/1	Rev. -
Dwg. No. RC312	

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TYPICAL DRIVEWAY SECTION  
CH 120



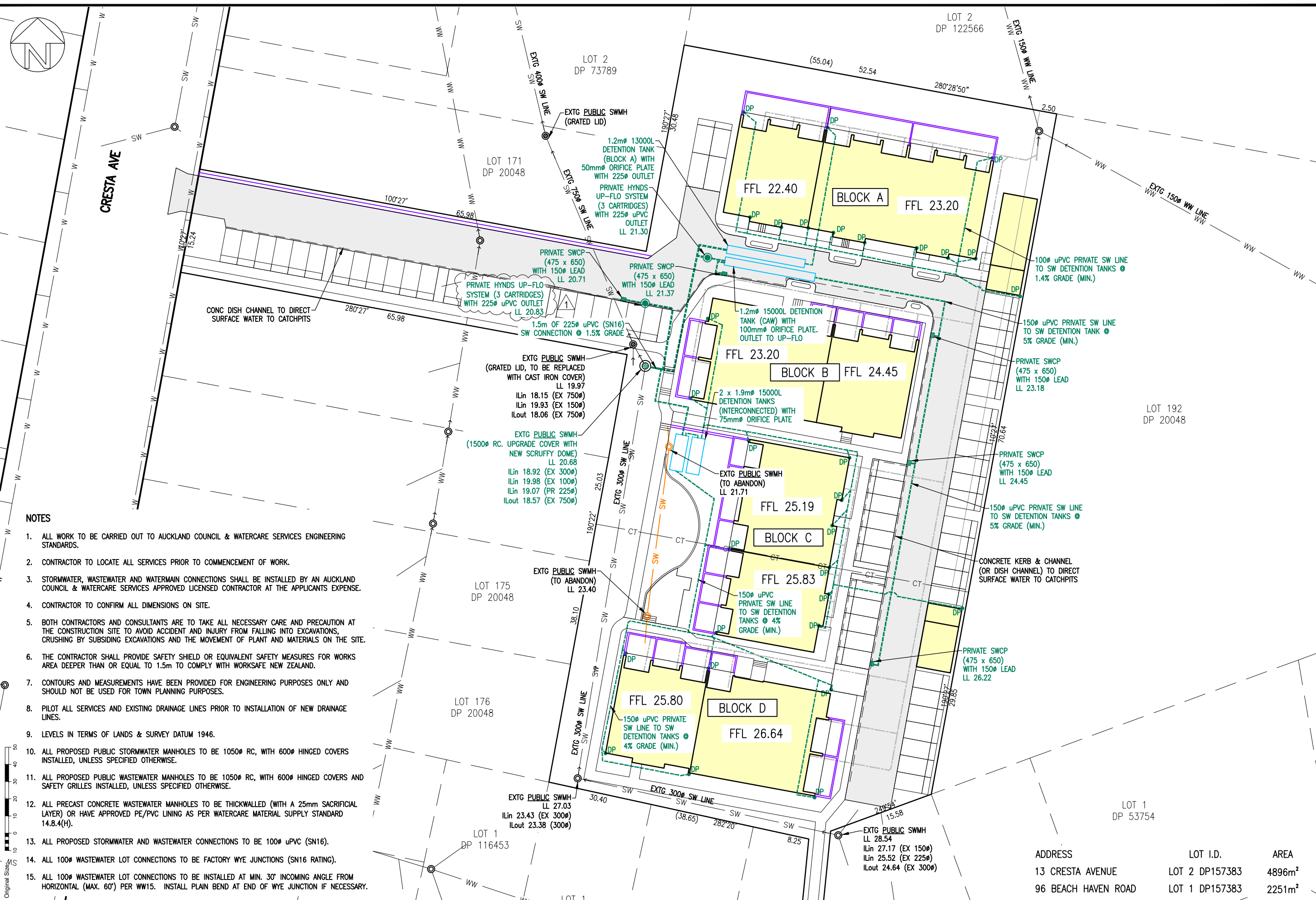
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No.	Revision Details	Date																													
Date	No.	Revision Details																													
Date	No.	Revision Details																													

**FINAL**

RESOURCE CONSENT



**NOTES**

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ADDRESS	LOT I.D.	AREA
13 CRESTA AVENUE	LOT 2 DP157383	4896m <sup>2</sup>
96 BEACH HAVEN ROAD	LOT 1 DP157383	2251m <sup>2</sup>

Design N.N.N./S.W. Survey EASDALE SURVEYORS LTD Drawn B.T.S. Checked M.T.W. Date 14/09/2021 Scale A3 1:500 CAD Filename		Job Title <b>PROPOSED ENGINEERING WORKS FOR BENTLEY STUDIOS LTD</b> 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE BEACH HAVEN		CONSULTING CIVIL & STRUCTURAL ENGINEERS Takapuna, Botany, Queenstown	Drawing Title <b>OVERALL STORMWATER PLAN</b>	
1 UP-FLO DEVICE ADDED PER S92. 16/06/2022		<b>FINAL</b> RESOURCE CONSENT			File No. 200626/1	Rev. 1

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**LEGEND:**

- PAVED AREA
- ROOFED AREA

TOTAL SITE AREA = 7147m<sup>2</sup>

PAVED AREA = 221.3m<sup>2</sup>

ROOFED AREA = 338.1m<sup>2</sup>

LANDSCAPED AREA = 6587.6m<sup>2</sup>

ADDRESS	LOT I.D.	AREA
13 CRESTA AVENUE	LOT 2 DP157383	4896m <sup>2</sup>
96 BEACH HAVEN ROAD	LOT 1 DP157383	2251m <sup>2</sup>

No.	Revision Details	Date	No.	Revision Details	Date

Design N.N.N.  
 Survey EASDALE SURVEYORS LTD  
 Drawn B.T.S.  
 Checked M.T.W.  
 Date 14/09/2021  
 Scale A3 1:500  
 CAD Filename

**FINAL**

Job Title:  
**PROPOSED ENGINEERING WORKS FOR BENTLEY STUDIOS LTD**  
 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE  
 BEACH HAVEN

**RESOURCE CONSENT**

**AIREY**  
 CONSULTANTS LTD.

CONSULTING CIVIL & STRUCTURAL ENGINEERS  
 Takapuna, Botany, Queenstown

Drawing Title:  
**EXISTING CATCHMENT PLAN**

File No. 200626/1	Rev. -	Dwg. No. RC405
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**LEGEND:**

- PAVED AREA
- ROOFED AREA
- PERMEABLE PAVING AREA

TOTAL SITE AREA = 7147m<sup>2</sup>  
 PAVED AREA = 2257m<sup>2</sup>  
 ROOFED AREA = 1835m<sup>2</sup>  
 PERMEABLE PAVING AREA = 835m<sup>2</sup>  
 LANDSCAPED AREA = 2220m<sup>2</sup>

ADDRESS	LOT I.D.	AREA
13 CRESTA AVENUE	LOT 2 DP157383	4896m <sup>2</sup>
96 BEACH HAVEN ROAD	LOT 1 DP157383	2251m <sup>2</sup>

No.	Revision Details	Date	No.	Revision Details	Date

Design N.N.N.  
 Survey EASDALE SURVEYORS LTD  
 Drawn B.T.S.  
 Checked M.T.W.  
 Date 14/09/2021  
 Scale A3 1:500  
 CAD Filename

**FINAL**

Job Title:  
**PROPOSED ENGINEERING WORKS FOR BENTLEY STUDIOS LTD**  
 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE  
 BEACH HAVEN

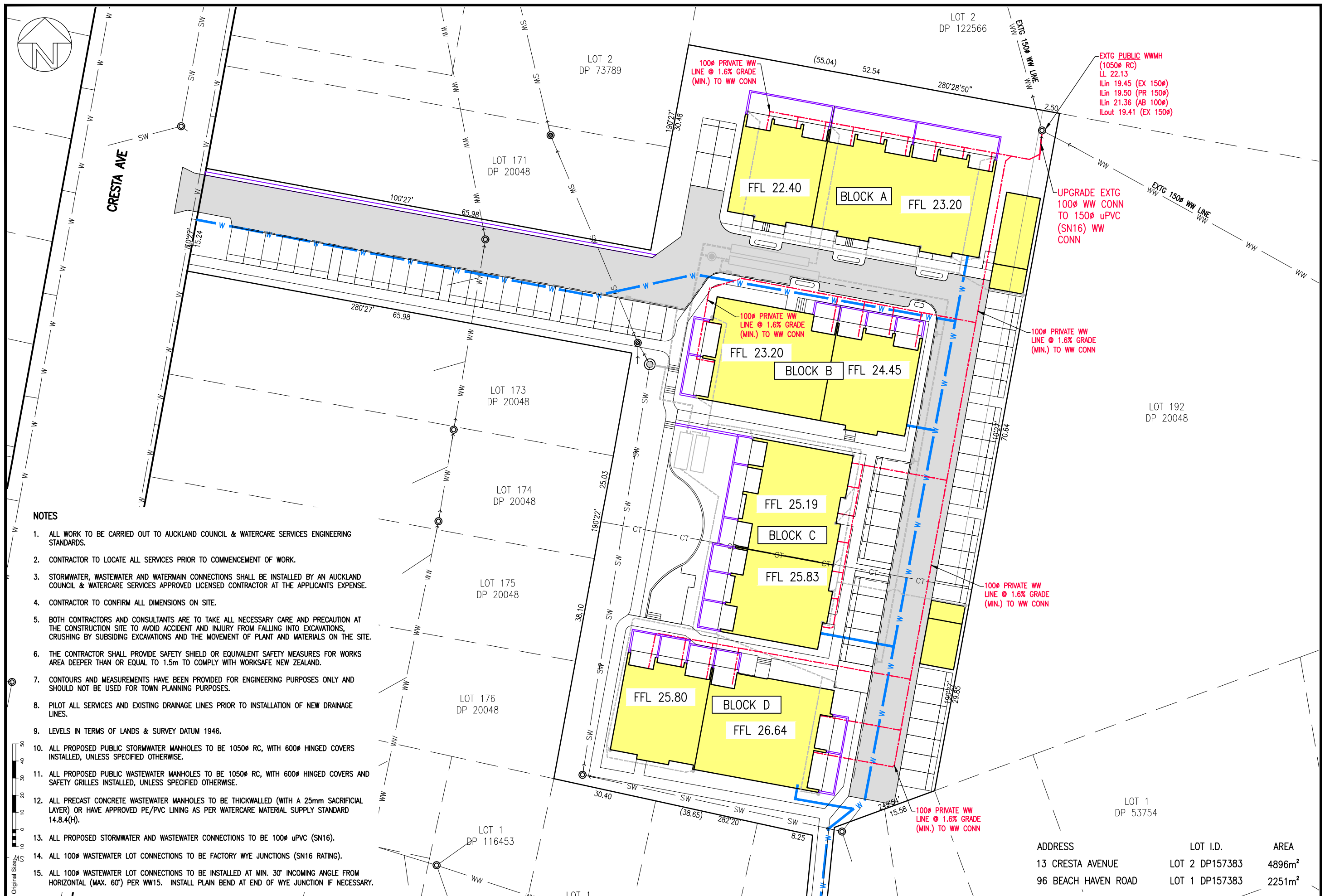
**RESOURCE CONSENT**



Drawing Title:  
**PROPOSED CATCHMENT PLAN**

File No. 200626/1	Rev. -	Dwg. No. RC406
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**NOTES**

1. ALL WORK TO BE CARRIED OUT TO AUCKLAND COUNCIL & WATERCARE SERVICES ENGINEERING STANDARDS.
2. CONTRACTOR TO LOCATE ALL SERVICES PRIOR TO COMMENCEMENT OF WORK.
3. STORMWATER, WASTEWATER AND WATERMAIN CONNECTIONS SHALL BE INSTALLED BY AN AUCKLAND COUNCIL & WATERCARE SERVICES APPROVED LICENSED CONTRACTOR AT THE APPLICANTS EXPENSE.
4. CONTRACTOR TO CONFIRM ALL DIMENSIONS ON SITE.
5. BOTH CONTRACTORS AND CONSULTANTS ARE TO TAKE ALL NECESSARY CARE AND PRECAUTION AT THE CONSTRUCTION SITE TO AVOID ACCIDENT AND INJURY FROM FALLING INTO EXCAVATIONS, CRUSHING BY SUBSIDING EXCAVATIONS AND THE MOVEMENT OF PLANT AND MATERIALS ON THE SITE.
6. THE CONTRACTOR SHALL PROVIDE SAFETY SHIELD OR EQUIVALENT SAFETY MEASURES FOR WORKS AREA DEEPER THAN OR EQUAL TO 1.5m TO COMPLY WITH WORKSAFE NEW ZEALAND.
7. CONTOURS AND MEASUREMENTS HAVE BEEN PROVIDED FOR ENGINEERING PURPOSES ONLY AND SHOULD NOT BE USED FOR TOWN PLANNING PURPOSES.
8. PILOT ALL SERVICES AND EXISTING DRAINAGE LINES PRIOR TO INSTALLATION OF NEW DRAINAGE LINES.
9. LEVELS IN TERMS OF LANDS & SURVEY DATUM 1946.
10. ALL PROPOSED PUBLIC STORMWATER MANHOLES TO BE 1050mm RC, WITH 600mm HINGED COVERS INSTALLED, UNLESS SPECIFIED OTHERWISE.
11. ALL PROPOSED PUBLIC WASTEWATER MANHOLES TO BE 1050mm RC, WITH 600mm HINGED COVERS AND SAFETY GRILLES INSTALLED, UNLESS SPECIFIED OTHERWISE.
12. ALL PRECAST CONCRETE WASTEWATER MANHOLES TO BE THICKWALLED (WITH A 25mm SACRIFICIAL LAYER) OR HAVE APPROVED PE/PVC LINING AS PER WATERCARE MATERIAL SUPPLY STANDARD 14.8.4(H).
13. ALL PROPOSED STORMWATER AND WASTEWATER CONNECTIONS TO BE 100mm uPVC (SN16).
14. ALL 100mm WASTEWATER LOT CONNECTIONS TO BE FACTORY WYE JUNCTIONS (SN16 RATING).
15. ALL 100mm WASTEWATER LOT CONNECTIONS TO BE INSTALLED AT MIN. 30° INCOMING ANGLE FROM HORIZONTAL (MAX. 60°) PER WW15. INSTALL PLAIN BEND AT END OF WYE JUNCTION IF NECESSARY.



ADDRESS	LOT I.D.	AREA
13 CRESTA AVENUE	LOT 2 DP157383	4896m <sup>2</sup>
96 BEACH HAVEN ROAD	LOT 1 DP157383	2251m <sup>2</sup>

No.	Revision Details	Date	No.	Revision Details	Date

FINAL

Design B.T.S.  
 Survey EASDALE SURVEYORS LTD  
 Drawn B.T.S.  
 Checked M.T.W.  
 Date 14/09/2021  
 Scale A3 1:500  
 CAD Filename

Job Title:  
**PROPOSED ENGINEERING WORKS FOR BENTLEY STUDIOS LTD**  
 96 BEACH HAVEN ROAD & 13 CRESTA AVENUE  
 BEACH HAVEN

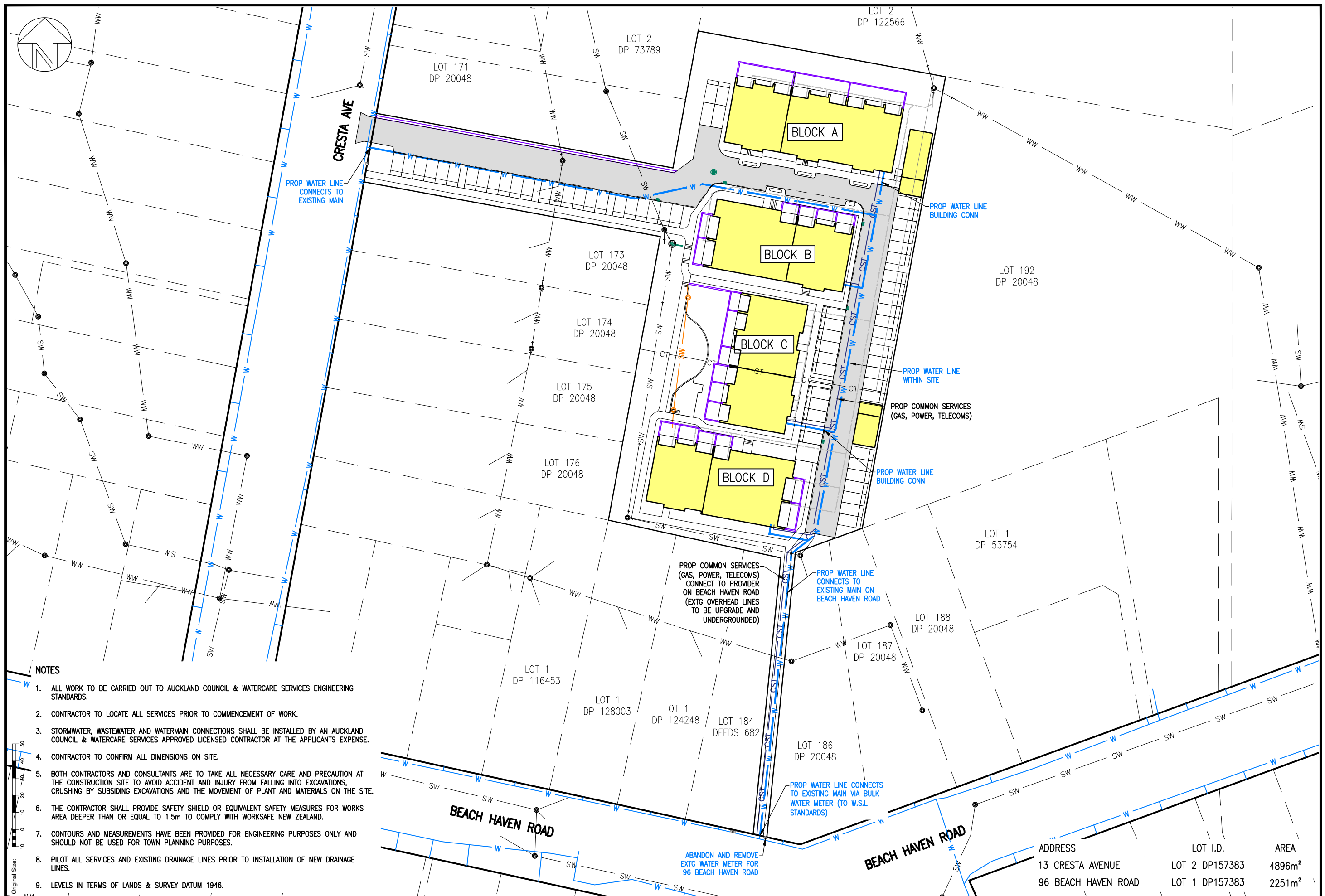
RESOURCE CONSENT



Drawing Title: <b>OVERALL WASTEWATER PLAN</b>		
File No. 200626/1	Rev. -	Dwg. No. RC500



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**NOTES**

1. ALL WORK TO BE CARRIED OUT TO AUCKLAND COUNCIL & WATERCARE SERVICES ENGINEERING STANDARDS.
2. CONTRACTOR TO LOCATE ALL SERVICES PRIOR TO COMMENCEMENT OF WORK.
3. STORMWATER, WASTEWATER AND WATERMAIN CONNECTIONS SHALL BE INSTALLED BY AN AUCKLAND COUNCIL & WATERCARE SERVICES APPROVED LICENSED CONTRACTOR AT THE APPLICANTS EXPENSE.
4. CONTRACTOR TO CONFIRM ALL DIMENSIONS ON SITE.
5. BOTH CONTRACTORS AND CONSULTANTS ARE TO TAKE ALL NECESSARY CARE AND PRECAUTION AT THE CONSTRUCTION SITE TO AVOID ACCIDENT AND INJURY FROM FALLING INTO EXCAVATIONS, CRUSHING BY SUBSIDING EXCAVATIONS AND THE MOVEMENT OF PLANT AND MATERIALS ON THE SITE.
6. THE CONTRACTOR SHALL PROVIDE SAFETY SHIELD OR EQUIVALENT SAFETY MEASURES FOR WORKS AREA DEEPER THAN OR EQUAL TO 1.5m TO COMPLY WITH WORKSAFE NEW ZEALAND.
7. CONTOURS AND MEASUREMENTS HAVE BEEN PROVIDED FOR ENGINEERING PURPOSES ONLY AND SHOULD NOT BE USED FOR TOWN PLANNING PURPOSES.
8. PILOT ALL SERVICES AND EXISTING DRAINAGE LINES PRIOR TO INSTALLATION OF NEW DRAINAGE LINES.
9. LEVELS IN TERMS OF LANDS & SURVEY DATUM 1946.

No.	Revision Details	Date

Design	B.T.S.
Survey	EASDALE SURVEYORS LTD
Drawn	B.T.S.
Checked	M.T.W.
Date	14/09/2021
Scale	A3 1:500
CAD Filename	
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FINAL

Job Title:  
**PROPOSED ENGINEERING WORKS FOR BENTLEY STUDIOS LTD**  
**96 BEACH HAVEN ROAD & 13 CRESTA AVENUE BEACH HAVEN**  
RESOURCE CONSENT



Drawing Title: <b>OVERALL COMMON SERVICES PLAN</b>		
File No. 200626/1	Rev. -	Dwg. No. RC600

ADDRESS	LOT I.D.	AREA
13 CRESTA AVENUE	LOT 2 DP157383	4896m <sup>2</sup>
96 BEACH HAVEN ROAD	LOT 1 DP157383	2251m <sup>2</sup>