



W W W . E N V E L O P E - E N G . C O . N Z

CLIENT:
TARANAKI IWI HOLDINGS LIMITED
PARTNERSHIP

PROJECT:
OKATO SCHOOL REDEVELOPMENT
OKATO, TARANAKI

PLAN SET:
CIVIL ENGINEERING DESIGN DRAWINGS

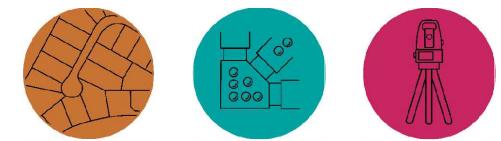
ISSUE:
FOR CONSTRUCTION

DATE:
23rd JULY 2025

REFERENCE:
1653-01



LOCATION PLAN
SCALE A1 - 1:1000, A3 - 1:2000





W W W . E N V E L O P E - E N G . C O . N Z

CLIENT:
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PARTNERSHIP

PROJECT:
OKATO SCHOOL REDEVELOPMENT
OKATO, TARANAKI

PLAN SET:
CIVIL ENGINEERING DESIGN DRAWINGS

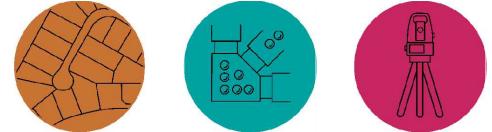
ISSUE:
FOR CONSTRUCTION

DATE:
23rd JULY 2025

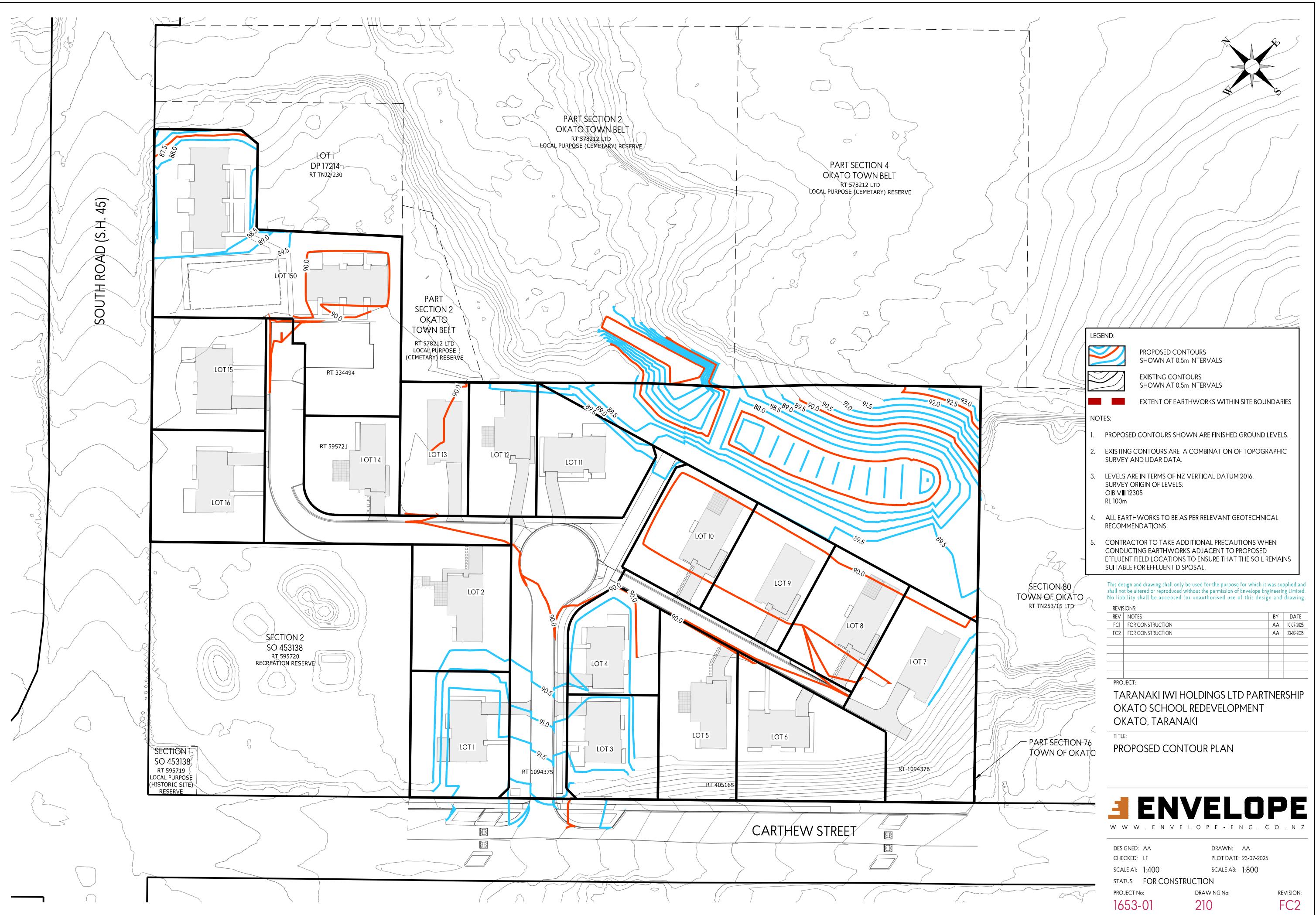
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1653-01

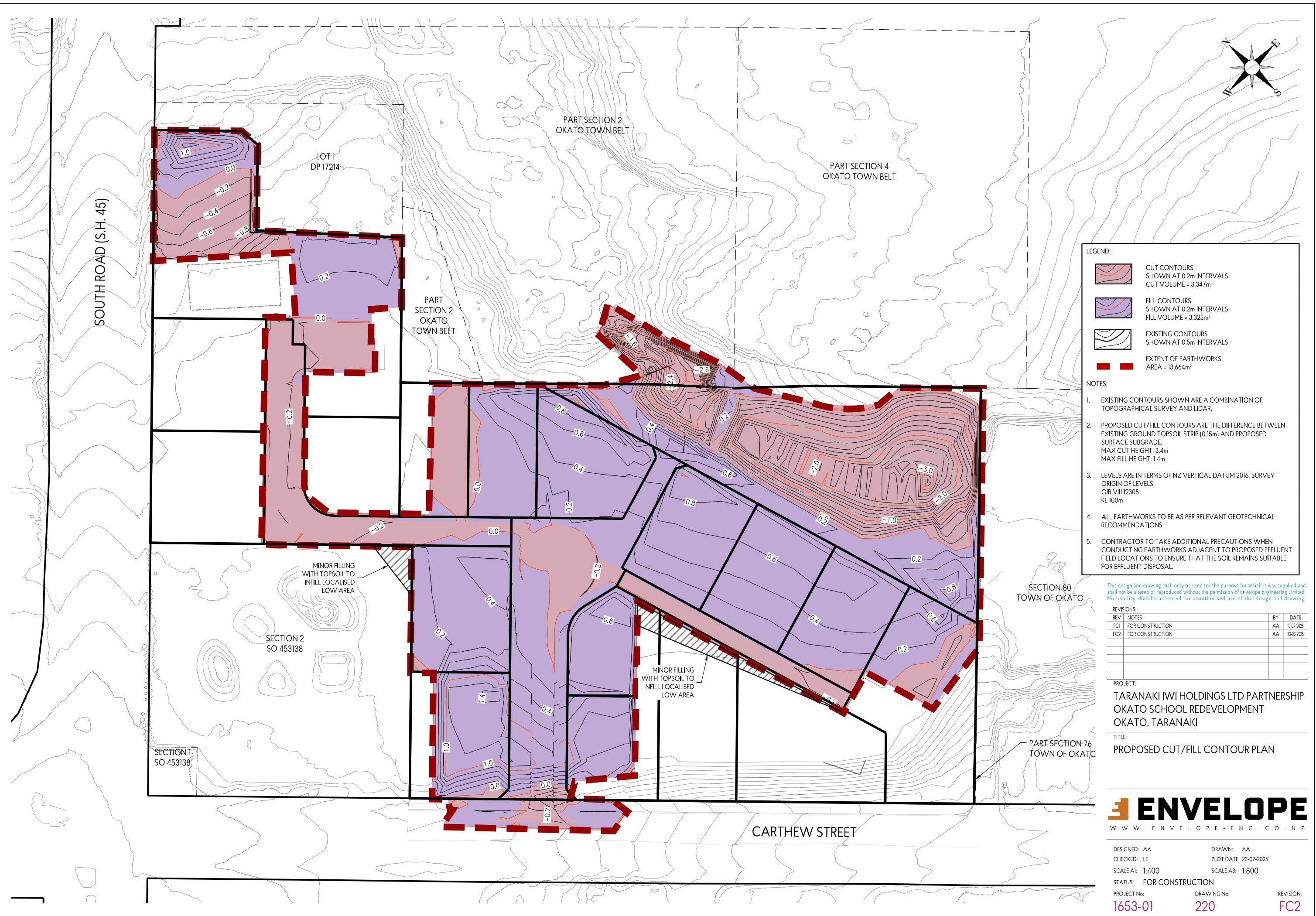
DRAWING INDEX		
DRAWING	REVISION	TITLE
1653-01-200	FC2	EXISTING CONTOUR PLAN
1653-01-210	FC2	PROPOSED CONTOUR PLAN
1653-01-220	FC2	PROPOSED CUT/FILL CONTOUR PLAN
1653-01-240	FC2	PROPOSED EROSION AND SEDIMENT CONTROL PLAN
1653-01-250	FC2	EROSION AND SEDIMENT CONTROL DETAILS SHEET 1 OF 2
1653-01-251	FC2	EROSION AND SEDIMENT CONTROL DETAILS SHEET 2 OF 2
1653-01-260	FC2	RETAINING WALL LAYOUT PLAN
1653-01-261	FC2	RETAINING WALL SECTIONS
1653-01-270	FC2	SITE SECTIONS LAYOUT PLAN
1653-01-275	FC2	SITE SECTIONS SHEET 1 OF 3
1653-01-276	FC2	SITE SECTIONS SHEET 2 OF 3
1653-01-277	FC2	SITE SECTIONS SHEET 3 OF 3
1653-01-300	FC2	PROPOSED ROADING PLAN OVERVIEW
1653-01-301	FC2	PROPOSED ROADING PLAN SHEET 1 OF 3
1653-01-302	FC2	PROPOSED ROADING PLAN SHEET 2 OF 3
1653-01-303	FC2	PROPOSED ROADING PLAN SHEET 3 OF 3
1653-01-310	FC2	PROPOSED KERBING PLAN
1653-01-320	FC2	PROPOSED PAVEMENT PLAN
1653-01-330	FC2	PROPOSED ROAD LONG SECTIONS
1653-01-340	FC2	PROPOSED ROAD TYPICAL CROSS SECTIONS SHEET 1 OF 2
1653-01-341	FC2	PROPOSED ROAD TYPICAL CROSS SECTIONS SHEET 2 OF 2
1653-01-390	FC2	PROPOSED ROAD TYPICAL DETAILS SHEET 1 OF 3
1653-01-391	FC2	PROPOSED ROAD TYPICAL DETAILS SHEET 2 OF 3
1653-01-392	FC2	PROPOSED ROAD TYPICAL DETAILS SHEET 3 OF 3

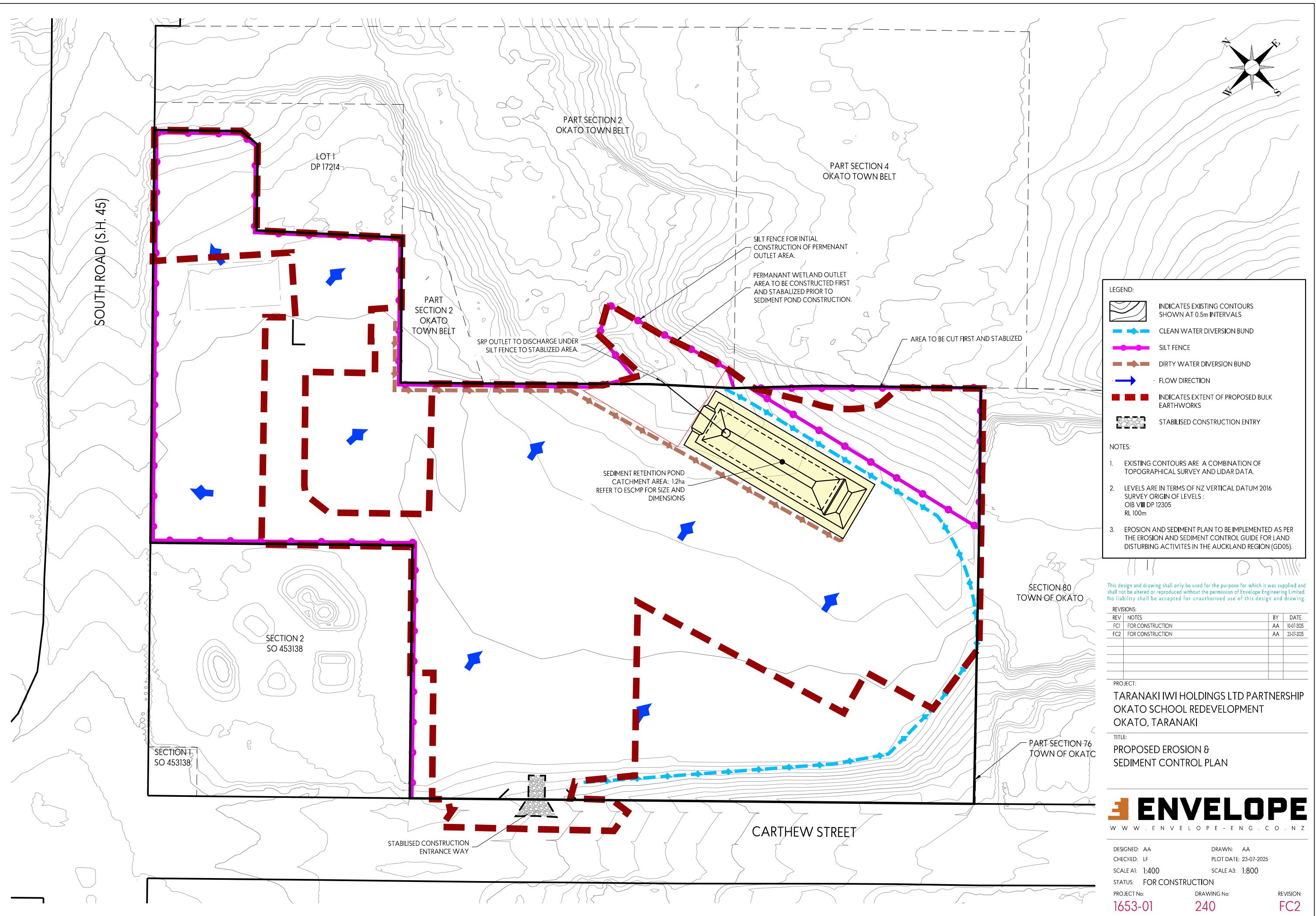
DRAWING INDEX		
DRAWING	REVISION	TITLE
1653-01-400	FC2	PROPOSED DRAINAGE OVERVIEW
1653-01-401	FC2	PROPOSED DRAINAGE PLAN SHEET 1 OF 3
1653-01-402	FC2	PROPOSED DRAINAGE PLAN SHEET 2 OF 3
1653-01-403	FC2	PROPOSED DRAINAGE PLAN SHEET 3 OF 3
1653-01-430	FC2	PROPOSED STORMWATER LONG-SECTIONS
1653-01-450	FC2	PROPOSED STORMWATER WETLANDS SECTION AND DETAILS
1653-01-451	FC2	PROPOSED STORMWATER WETLANDS DETAILS
1653-01-490	FC2	PROPOSED DRAINAGE DETAILS SHEET 1 OF 6
1653-01-491	FC2	PROPOSED DRAINAGE DETAILS SHEET 2 OF 6
1653-01-492	FC2	PROPOSED DRAINAGE DETAILS SHEET 3 OF 6
1653-01-493	FC2	PROPOSED DRAINAGE DETAILS SHEET 4 OF 6
1653-01-494	FC2	PROPOSED DRAINAGE DETAILS SHEET 5 OF 6
1653-01-495	FC2	PROPOSED DRAINAGE DETAILS SHEET 6 OF 6
1653-01-500	FC2	PROPOSED WATER AND SERVICES OVERVIEW
1653-01-501	FC2	WATER & SERVICES LAYOUT PLAN SHEET 1 OF 2
1653-01-502	FC2	WATER & SERVICES LAYOUT PLAN SHEET 2 OF 2
1653-01-590	FC2	WATER & SERVICES DETAILS SHEET 1 OF 7
1653-01-591	FC2	WATER & SERVICES DETAILS SHEET 2 OF 7
1653-01-592	FC2	WATER & SERVICES DETAILS SHEET 3 OF 7
1653-01-593	FC2	WATER & SERVICES DETAILS SHEET 4 OF 7
1653-01-594	FC2	WATER & SERVICES DETAILS SHEET 5 OF 7
1653-01-595	FC2	WATER & SERVICES DETAILS SHEET 6 OF 7
1653-01-596	FC2	WATER & SERVICES DETAILS SHEET 7 OF 7

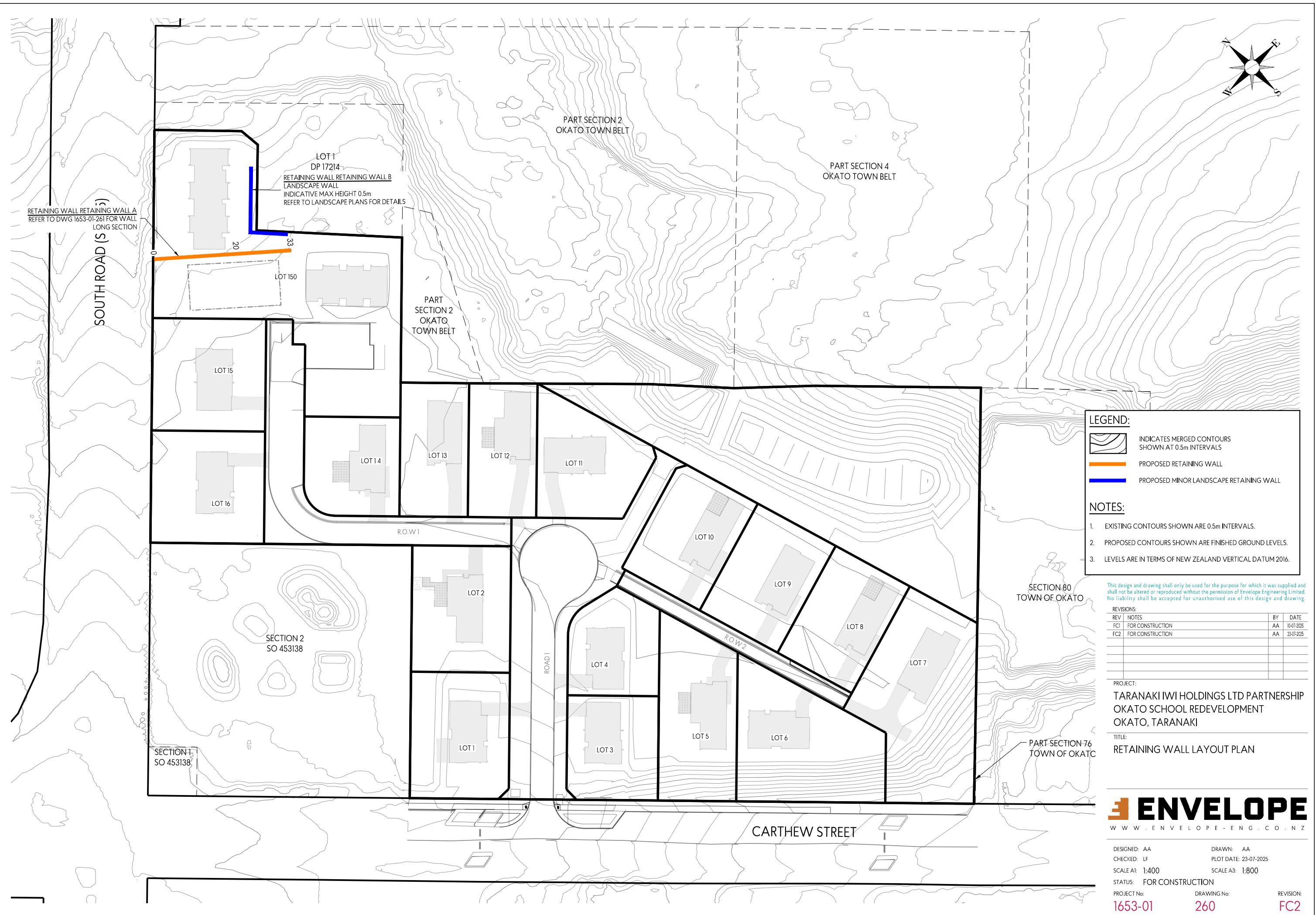


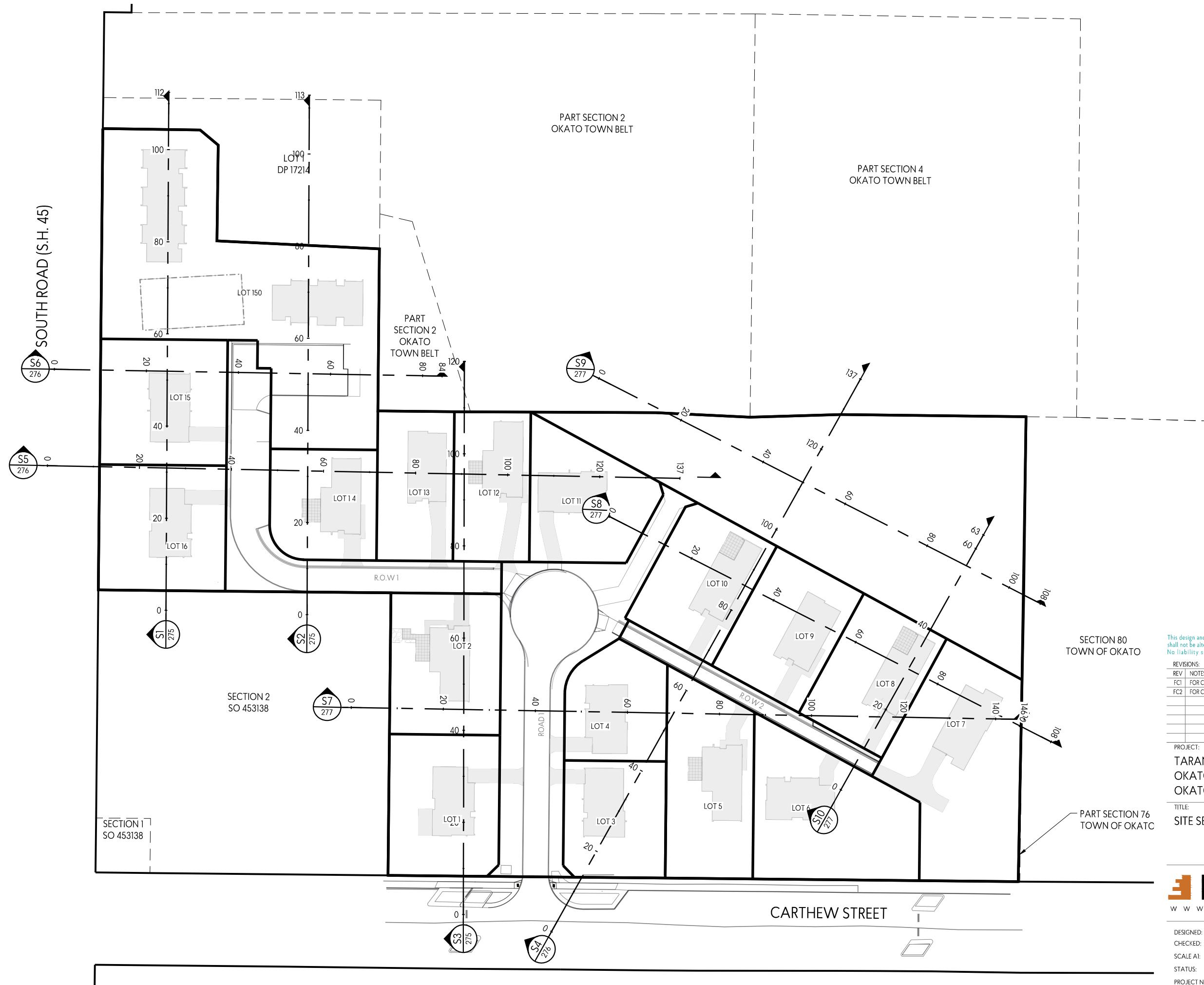


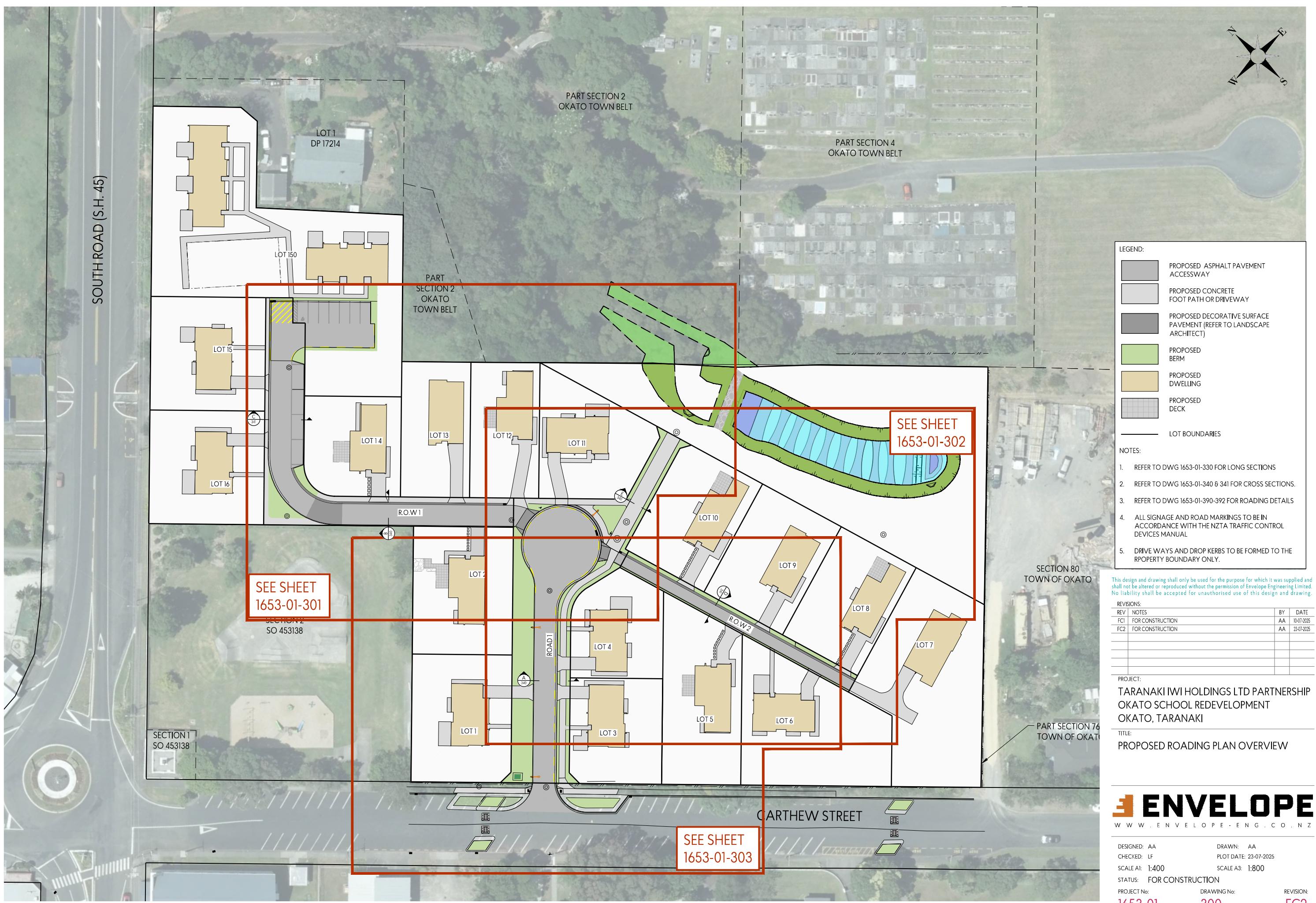


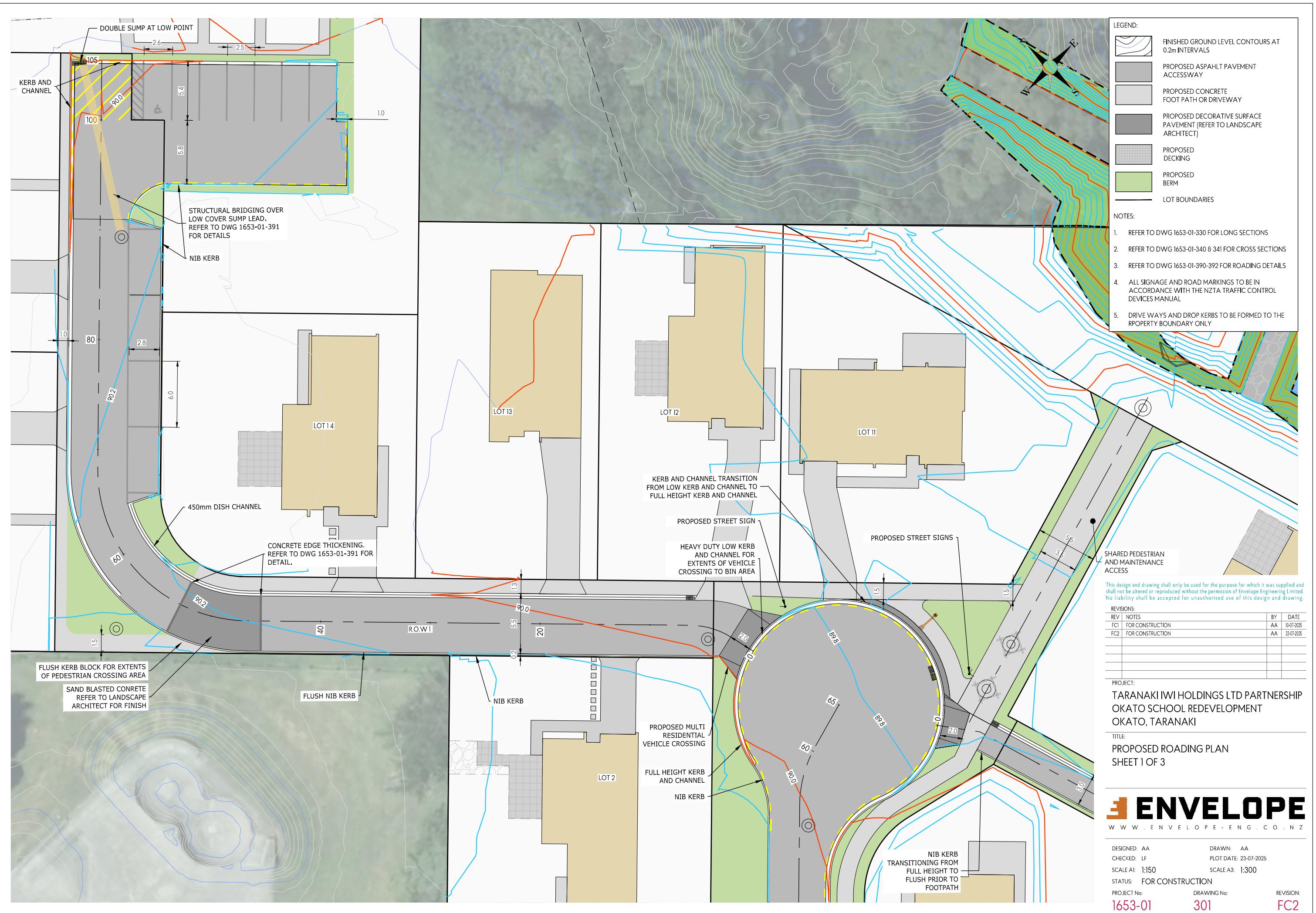


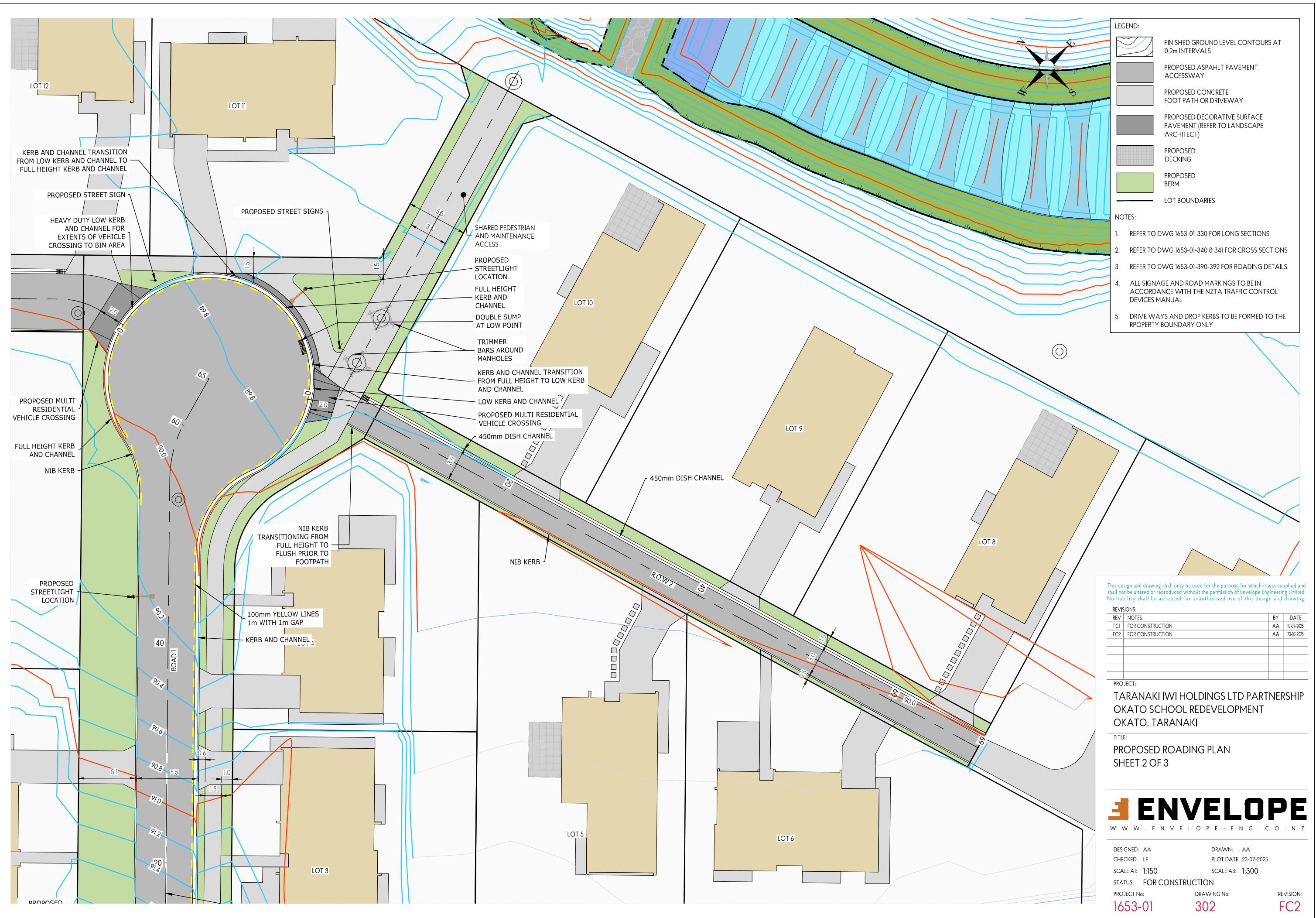


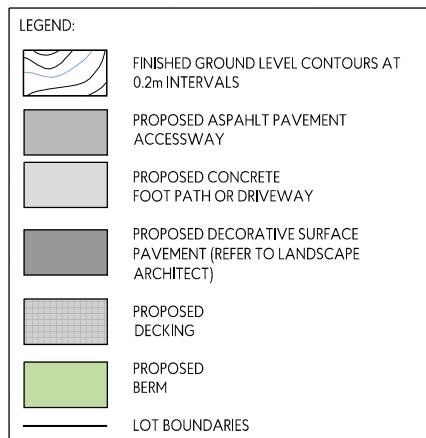






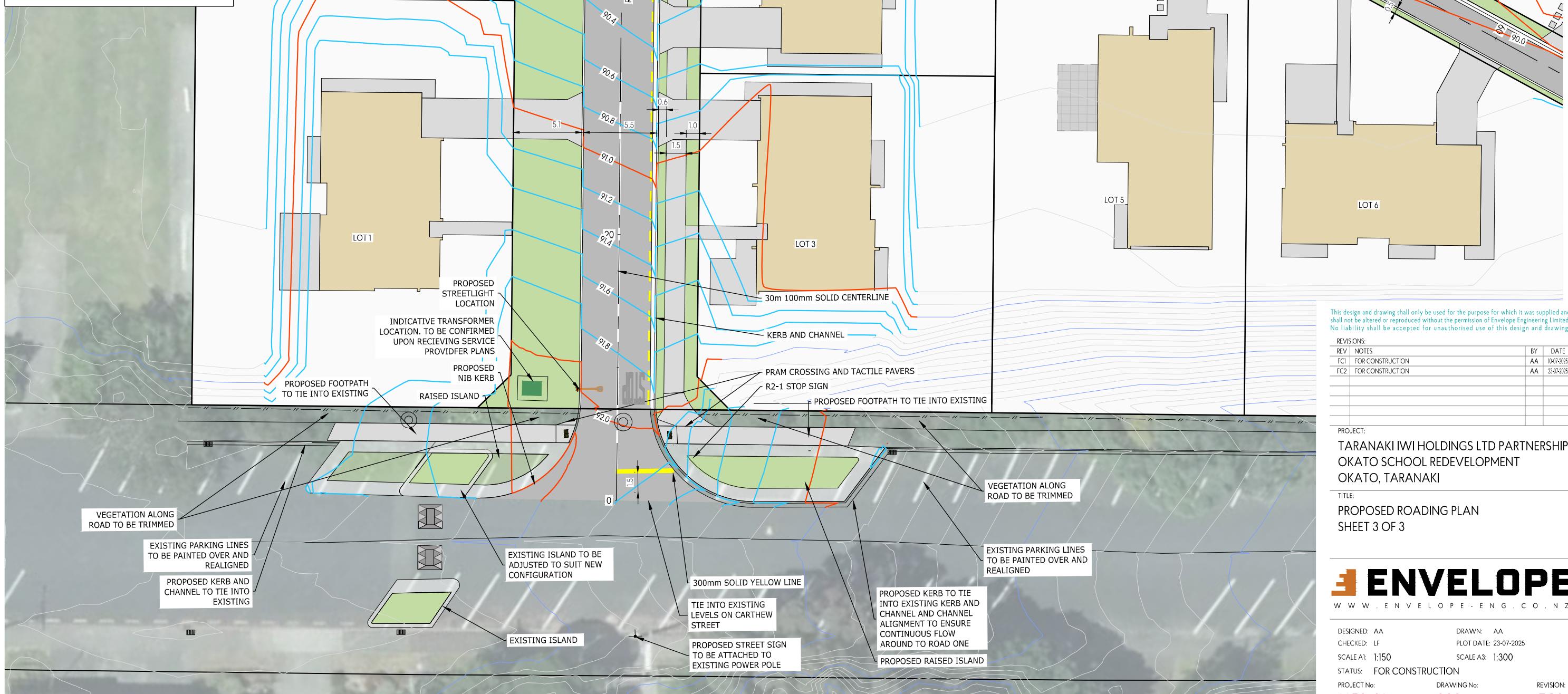






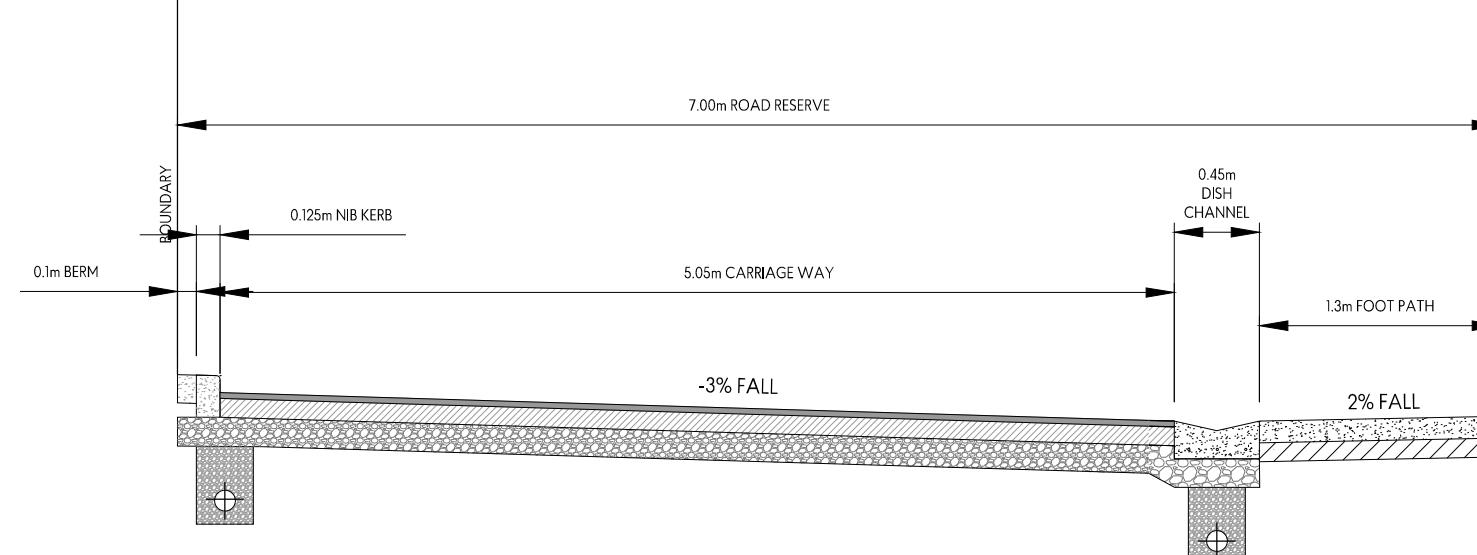
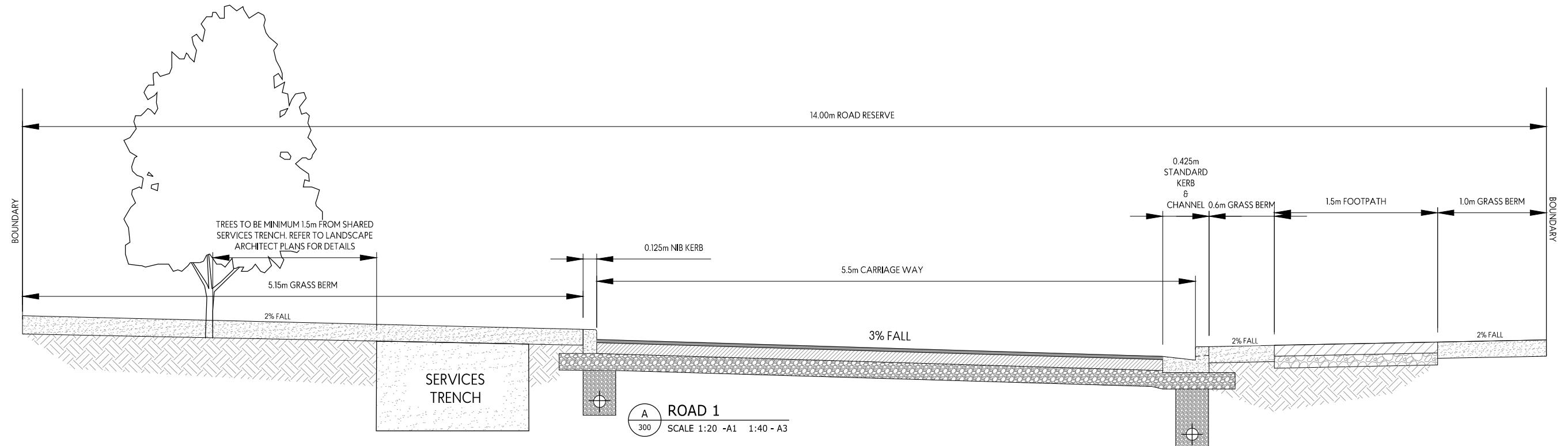
NOTES:

1. REFER TO DWG 1653-01-330 FOR LONG SECTIONS
2. REFER TO DWG 1653-01-340 & 341 FOR CROSS SECTIONS
3. REFER TO DWG 1653-01-390-392 FOR ROADING DETAILS
4. ALL SIGNAGE AND ROAD MARKINGS TO BE IN ACCORDANCE WITH THE NZTA TRAFFIC CONTROL DEVICES MANUAL
5. DRIVEWAYS AND DROP KERBS TO BE FORMED TO THE PROPERTY BOUNDARY ONLY









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REVISIONS:

REV	NOTES	BY	DATE
FC1	FOR CONSTRUCTION	AA	10-07-2025
FC2	FOR CONSTRUCTION	AA	23-07-2025

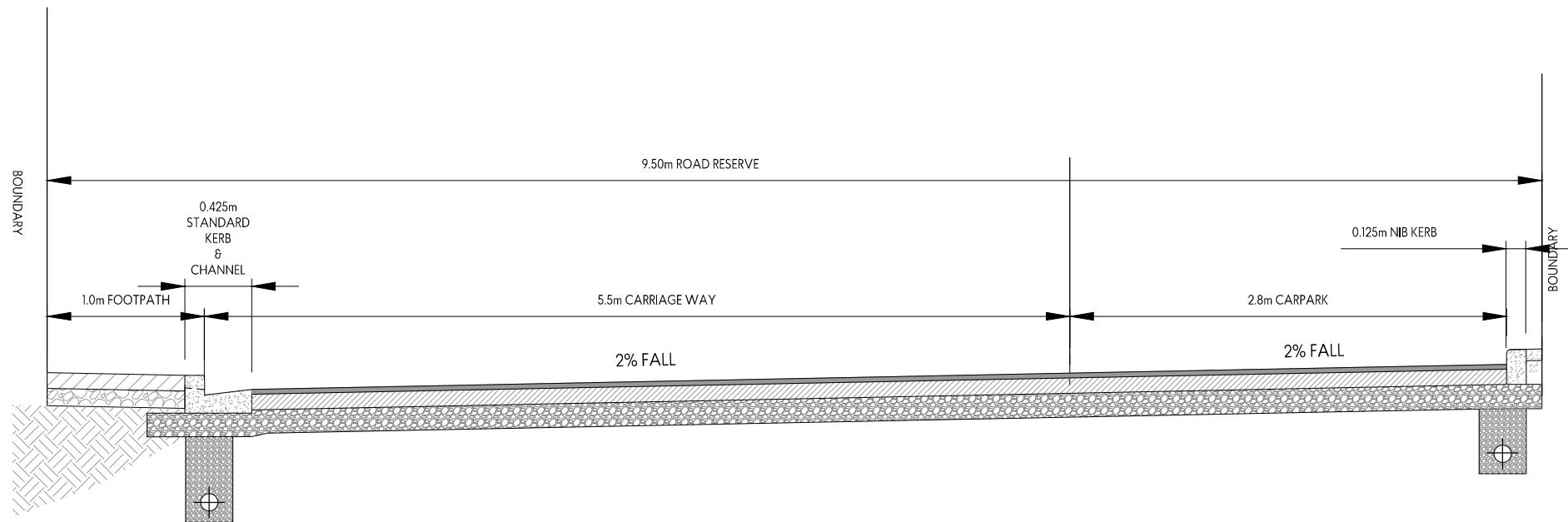
PROJECT:

TARANAKI IWİ HOLDİNGS LTD PARTNERSHIP
OKATO SCHOOL REDEVELOPMENT
OKATO, TARANAKI

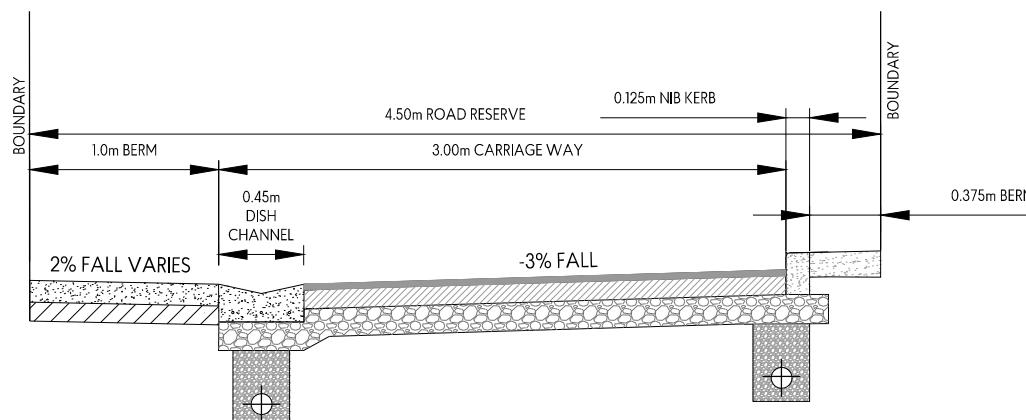
TITLE:
PROPOSED PAVEMENT PLAN
TYPICAL CROSS SECTION

ENVELOPE
W W W . E N V E L O P E - E N G . C O . N Z

DESIGNED: AA DRAWN: AA
CHECKED: LF PLOT DATE: 23-07-2025
SCALE A1: 1:20 SCALE A3: 1:40
STATUS: FOR CONSTRUCTION
PROJECT No: 1653-01 DRAWING No: 340
REVISION: FC2



C 300 R.O.W 1
SCALE 1:20 -A1 1:40 - A3



D 300 R.O.W 2
SCALE 1:20 -A1 1:40 - A3



E 300 MAINTENANCE ACCESS TRACK
SCALE 1:20 -A1 1:40 - A3

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REVISIONS:

REV	NOTES	BY	DATE
FC1	FOR CONSTRUCTION	AA	10-07-2025
FC2	FOR CONSTRUCTION	AA	23-07-2025

PROJECT:

TARANAKI IWI HOLDINGS LTD PARTNERSHIP
OKATO SCHOOL REDEVELOPMENT
OKATO, TARANAKI

TITLE:
PROPOSED PAVEMENT PLAN
TYPICAL CROSS SECTION

ENVELOPE
W W W . E N V E L O P E - E N G . C O . N Z

DESIGNED: AA	DRAWN: AA
CHECKED: LF	PLOT DATE: 23-07-2025
SCALE A1: 1:20	SCALE A3: 1:40
STATUS: FOR CONSTRUCTION	
PROJECT No: 1653-01	DRAWING No: 341
REVISION: FC2	

PART SECTION 2
OKATO TOWN BELT



LEGEND:	
SW	INDICATES STORMWATER - EXISTING
SW	INDICATES STORMWATER - PROPOSED
SW	INDICATES STORMWATER - LATERAL
SW	INDICATES STORMWATER - SUMP
SW	INDICATES STORMWATER - DOUBLE SUMP
SW	INDICATES SUBSOIL DRAIN
WETLAND	INDICATES WETLAND
—	INDICATES 25m OFFSET TO WATER BODIES
—	INDICATES STORMWATER OVERLAND FLOW PATH
—	INDICATES WASTEWATER-PROPOSED EFFLUENT TREATMENT BEDS WITH 50% RESERVE
—	INDICATES EFFLUENT FIELD SYSTEM COMPONENTS
—	INDICATES 1.5m OFFSET IN FROM LOT BOUNDARY

NOTES:

- LEVELS ARE IN TERMS OF NZ VERTICAL DATUM 2016 SURVEY ORIGIN OF LEVELS:
OIB VIII DP 12305
RL 100m
- REFER TO PLANS 1653-01-430 FOR STORMWATER LONG-SECTIONS.
- ALL WORKS TO BE IN ACCORDANCE WITH NEW PLYMOUTH DISTRICT COUNCIL LAND DEVELOPMENT AND SUBDIVISION INFRASTRUCTURE STANDARD.
- ALL STORMWATER MAIN PIPES TO BE RCRJ CLASS 2 UNLESS NOTED OTHERWISE.
- ALL STORMWATER SINGLE SUMP LEADS TO BE DN 300 RCRJ CLASS 4.
- ALL STORMWATER DOUBLE SUMP LEADS TO BE DN 300 RCRJ CLASS 4.
- ALL STORMWATER LATERALS TO BE DN100 PVC-U SNI6. CONNECTIONS TO STORMWATER MAINS TO BE VIA A PROPRIETARY FACTORY MADE SADDLE.
- ALL MANHOLES AND SCRUFFY DOMES TO BE DN 1050 UNLESS SHOWN OTHERWISE.
- EFFLUENT FIELDS TO BE LOCATED ONCE FINAL HOUSE DESIGN HAS BEEN CONFIRMED.

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REVISIONS:	
REV	NOTES
FC1	FOR CONSTRUCTION
FC2	FOR CONSTRUCTION
	AA 10-07-2025
	AA 23-07-2025

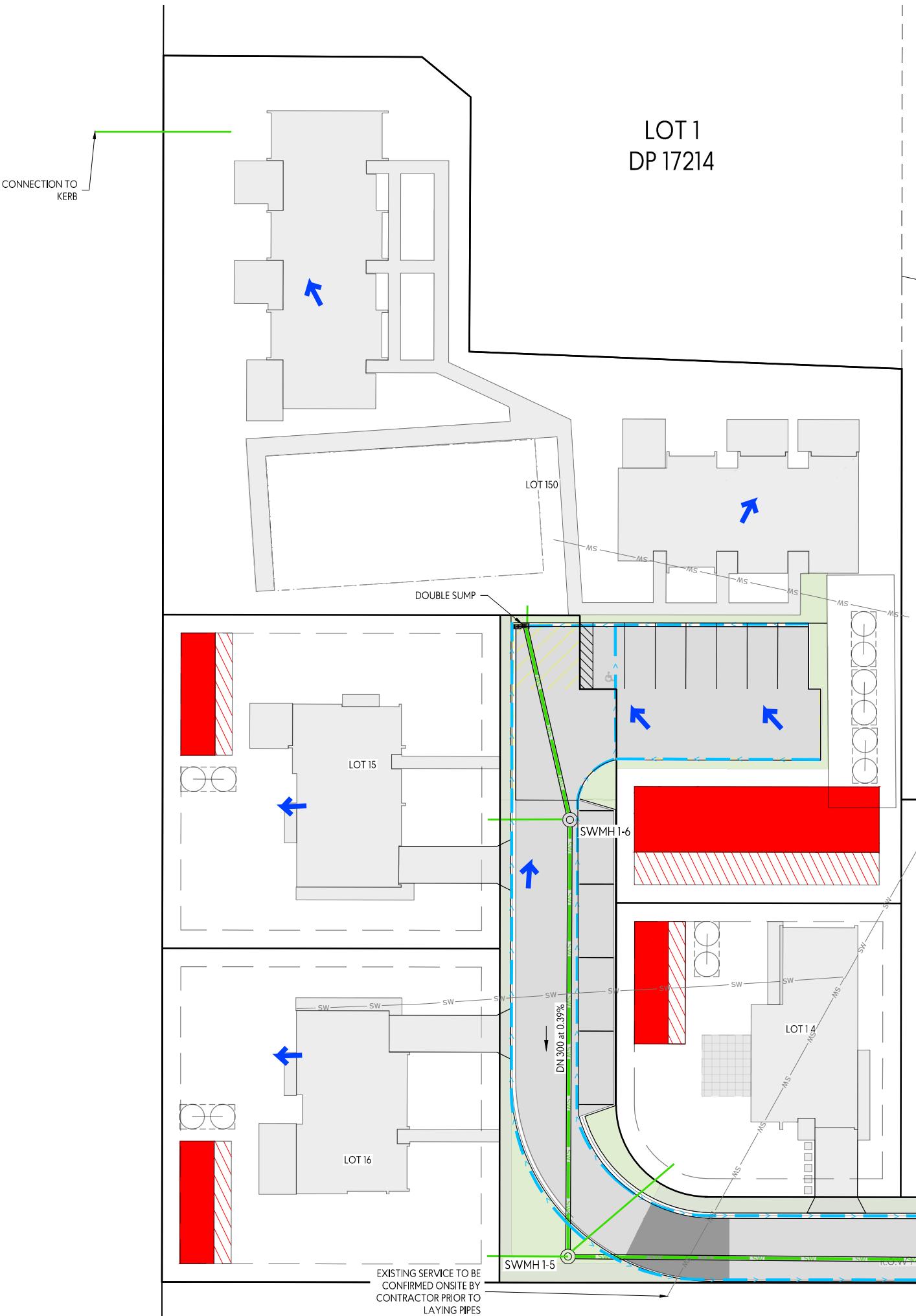
PROJECT:

TARANAKI IWİ HOLDİNGS LTD PARTNERSHIP
OKATO SCHOOL REDEVELOPMENT
OKATO, TARANAKI

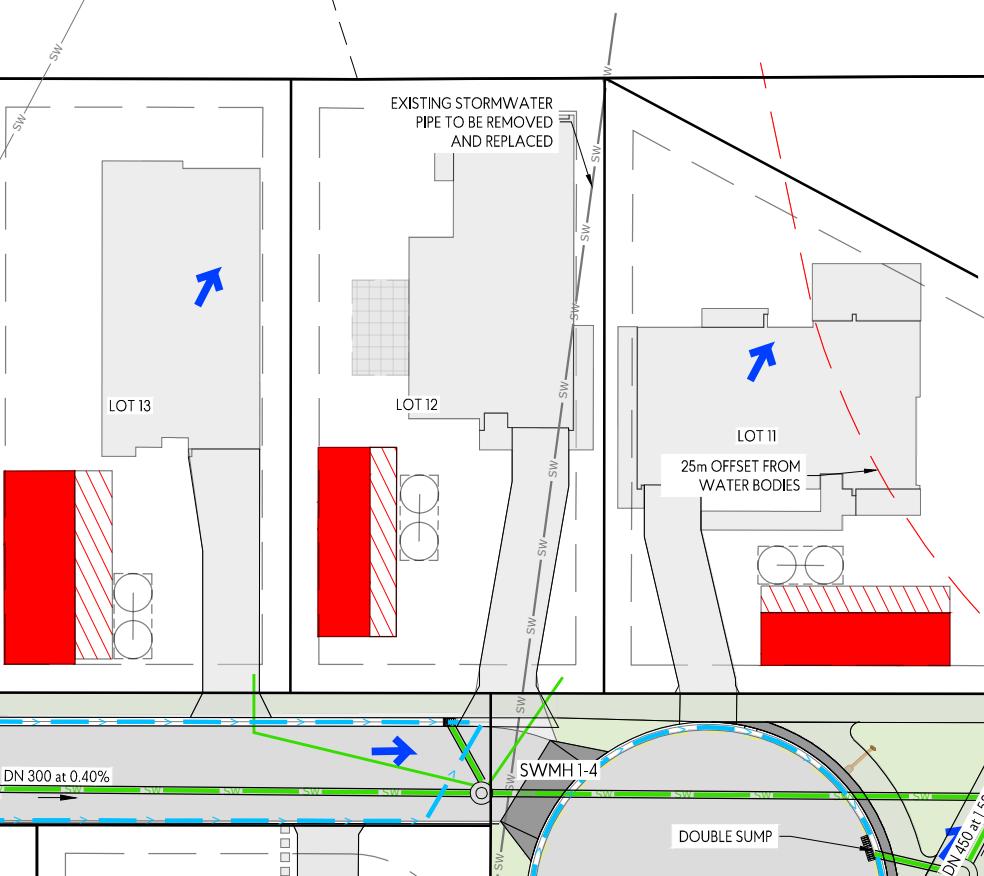
TITLE:
PROPOSED DRAINAGE PLAN
SHEET 1 OF 3

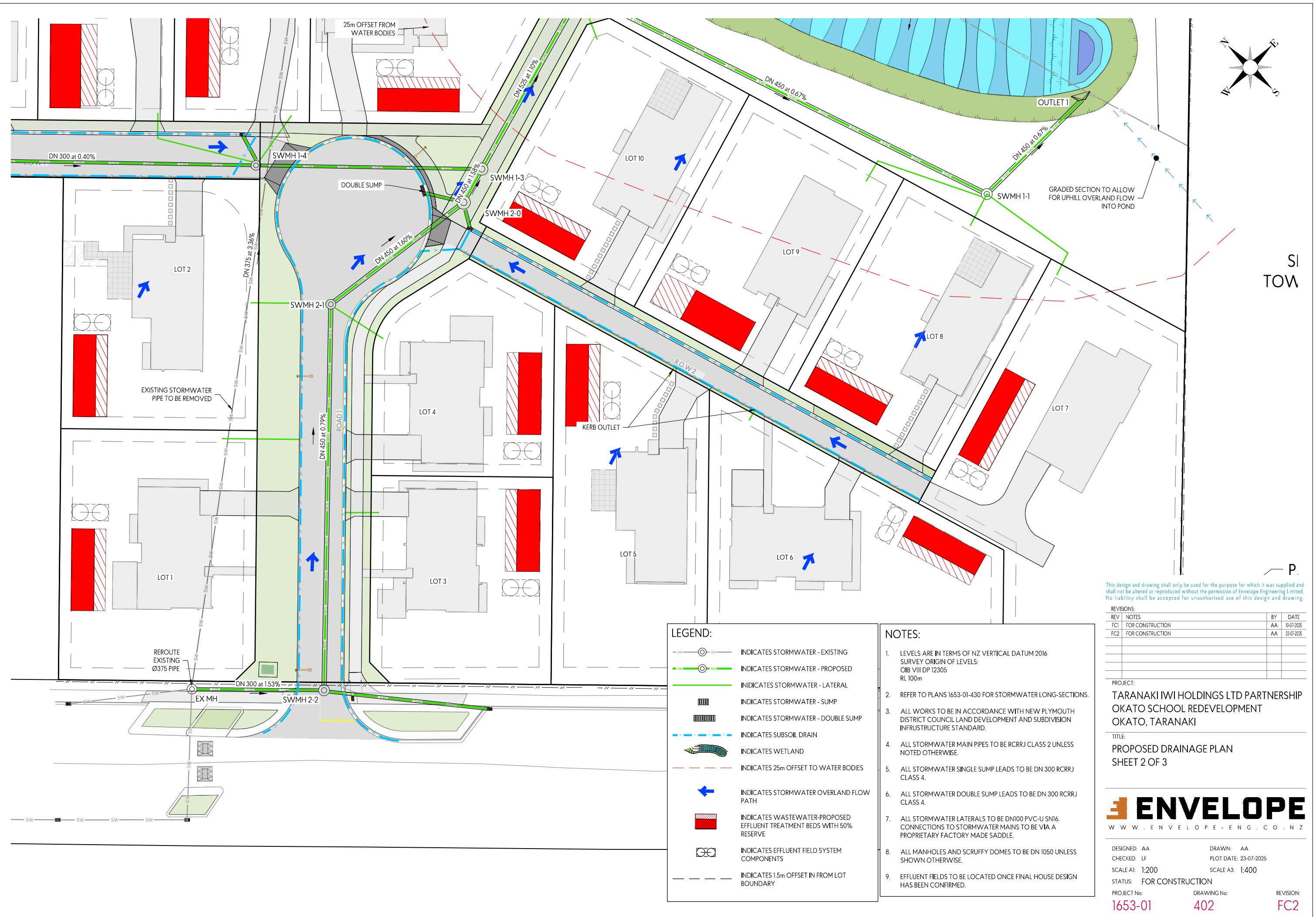
ENVELOPE
W W W . E N V E L O P E - E N G . C O . N Z

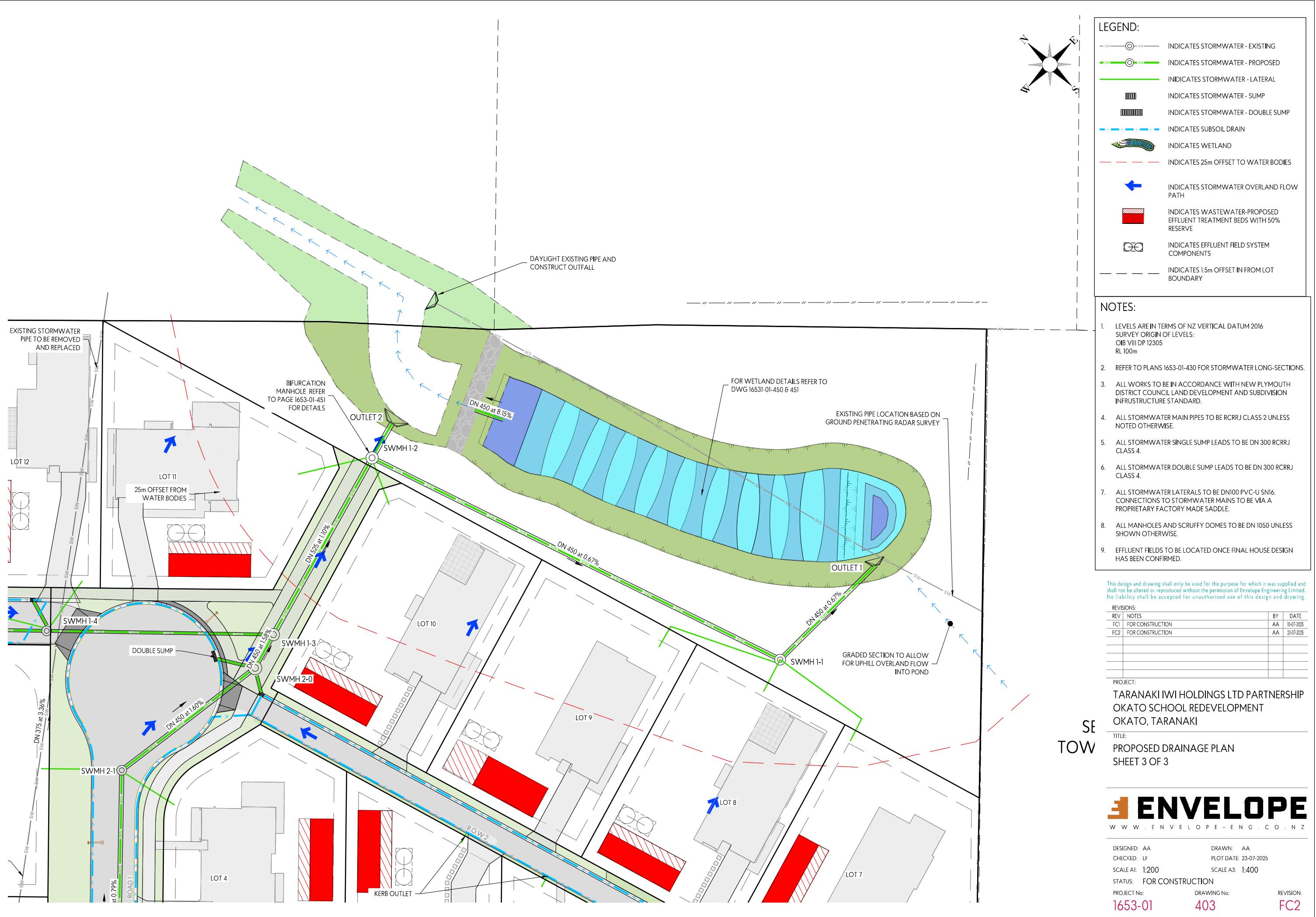
DESIGNED: AA DRAWN: AA
CHECKED: LF PLOT DATE: 23-07-2025
SCALE A1: 1:200 SCALE A3: 1:400
STATUS: FOR CONSTRUCTION
PROJECT No: 1653-01 DRAWING No: 401
REVISION: FC2

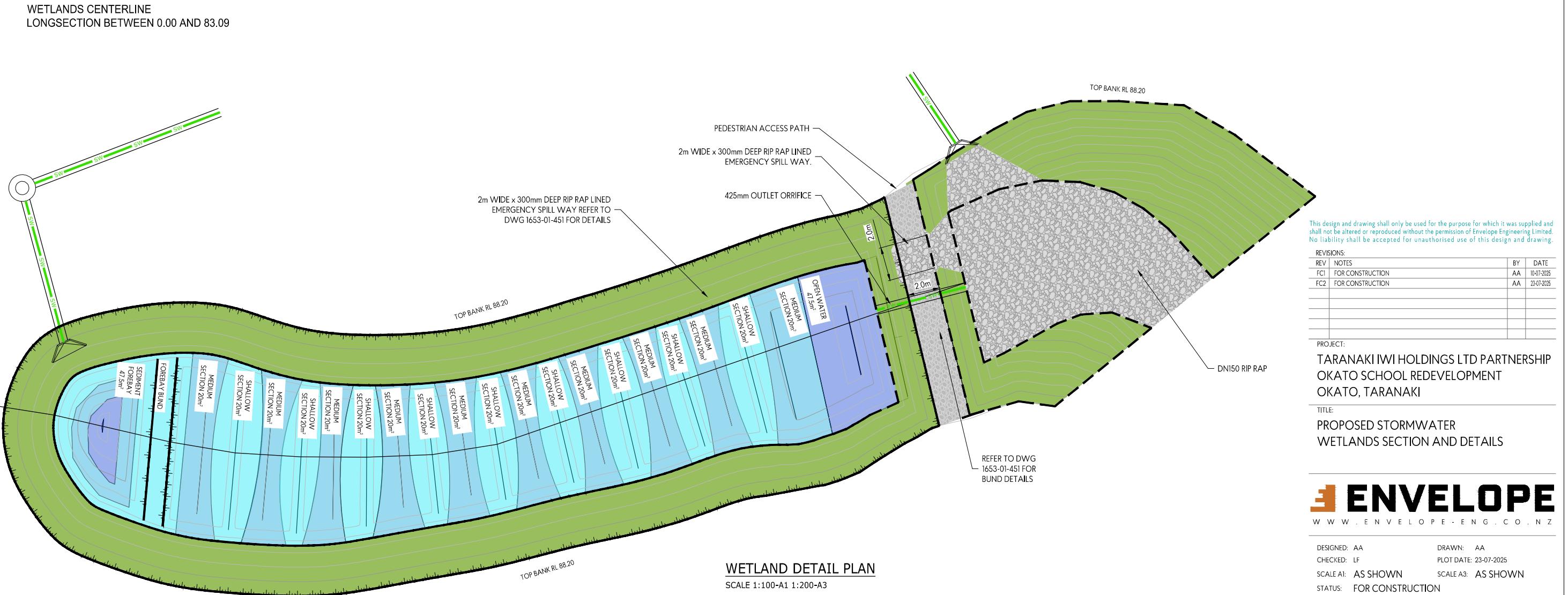
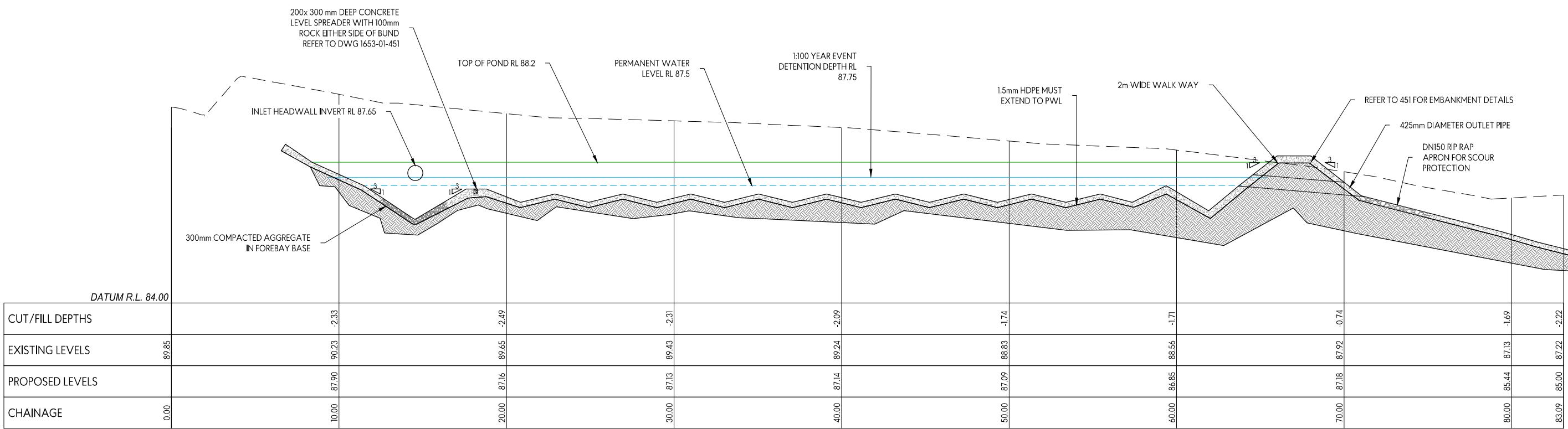


PART
SECTION 2
OKATO
TOWN BELT









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REV	NOTES		
FC1	FOR CONSTRUCTION	AA	10-07-2025
FC2	FOR CONSTRUCTION	AA	23-07-2025

PROJECT:
TARANAKI IWİ HOLDİNGS LTD PARTNERSHIP
OKATO SCHOOL REDEVELOPMENT
OKATO, TARANAKI

TITLE:
**PROPOSED STORMWATER
WETLANDS SECTION AND DETAILS**

ENVELOPE	
W W W . E N V E L O P E - E N G . C O . N Z	
DESIGNED: AA	DRAWN: AA
CHECKED: LF	PLOT DATE: 23-07-2025
SCALE A1: AS SHOWN	SCALE A3: AS SHOWN
STATUS: FOR CONSTRUCTION	
PROJECT No:	DRAWING No:
1653-01	450
REVISION: EC2	