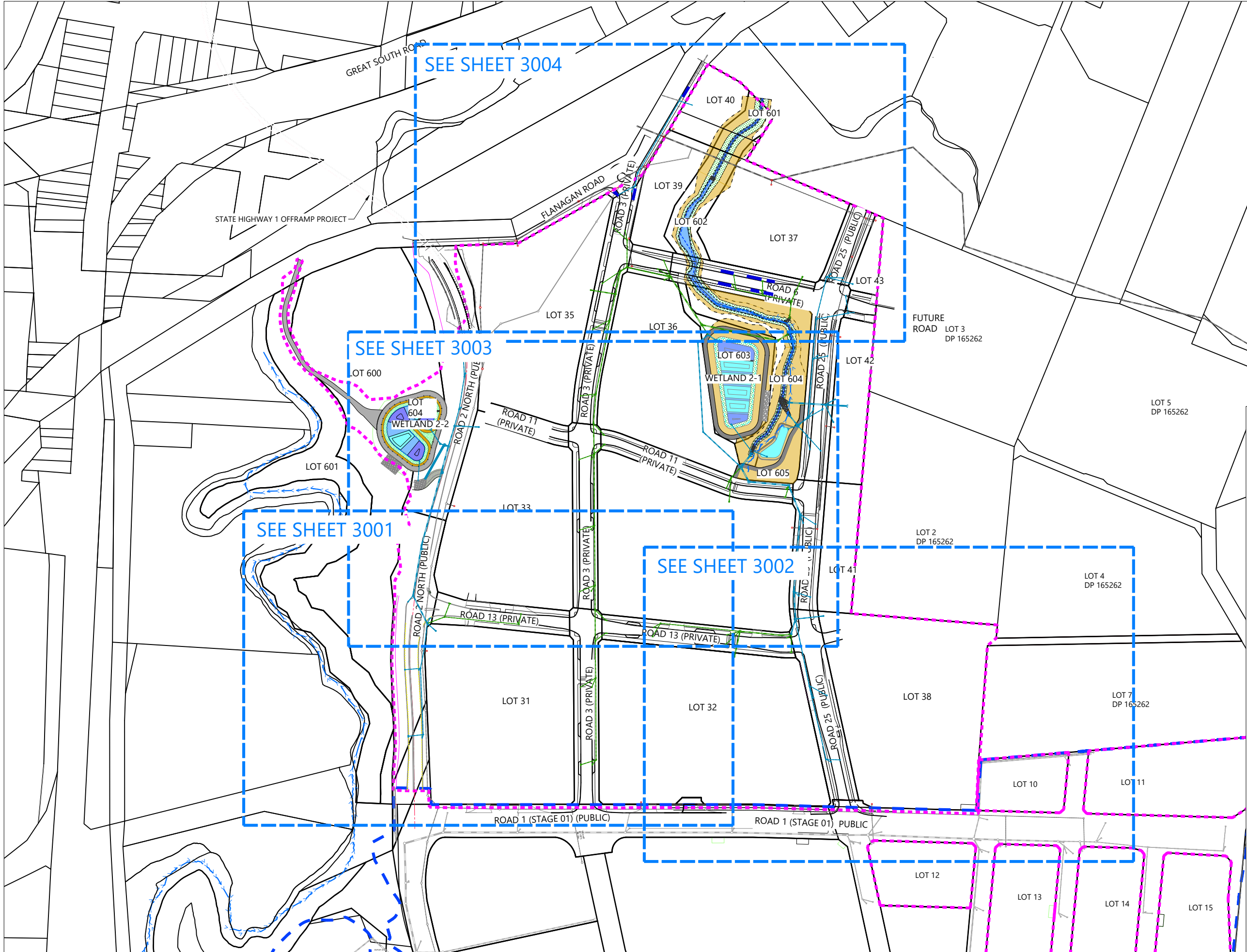




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NOTES

1. ALL WORKS AND MATERIALS TO COMPLY WITH AUCKLAND COUNCIL STANDARDS AND WATERCARE STANDARDS.
2. FOR PIPE BEDDING DETAILS REFER TO STANDARD DETAIL SHEETS UNLESS OTHERWISE NOTED ON THE DRAINAGE LONG SECTIONS IN WHICH CASE SUCH NOTES TAKE PRECEDENCE.
3. CONCRETE PIPES ARE TO BE CLASS 2 (X) RRJ UNLESS OTHERWISE NOTED ON THE DRAINAGE LONG SECTIONS IN WHICH CASE SUCH NOTES SHALL TAKE PRECEDENCE.
4. ALL PIPE CROSSINGS UNDER ROADS TO BE HARDFILL AND RCRRJ CLASS BACKFILLED.
5. ALL MANHOLES ARE TO BE 1050mm DIA. UNLESS OTHERWISE NOTED ON THE DRAINAGE LONG SECTION IN WHICH CASE SUCH NOTES SHALL TAKE PRECEDENCE.
6. ALL CATCHPITS ARE TO BE STANDARD 675mm X 450mm.
7. THE CONTRACTOR IS TO PEG MANHOLES AND CHECK FINISHED EARTHWORKS LEVELS (MH LID LEVELS) PRIOR TO ORDERING MANHOLES.
8. PIPE GRADES ON THE LONG SECTIONS ARE CALCULATED FROM MANHOLE CENTRE TO MANHOLE CENTRE. THIS MAY RESULT IN CREEP (ON STEEP SITES PARTICULARLY) AND THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT LASER LEVELS ARE SET TO COMPENSATE FOR THIS.
9. ALL CESSPITS ON PUBLIC ROADS TO BE SEMI-RECESSED. REFER AT TDM DRAWING RD0020 REV A FOR DETAILS.
10. PIPES OVER 3.5m COVER TO BE CLASS 4.

LEGEND

- STAGE 2 WORKS EXTENT
STAGE 1 WORKS EXTENT
STAGE 2 BOUNDARY
- EXISTING STORMWATER
PROPOSED STORMWATER PUBLIC
PROPOSED PRIVATE STORMWATER
EXISTING SANITARY SEWER LINE AND PIT
PROPOSED SANITARY SEWER LINE AND PIT
- SINGLE CATCHPIT
DOUBLE CATCHPIT
OUTLET ROCK RIPRAP
PROPOSED RAINGARDEN
EXISTING STREAM
PROPOSED MSE WALL
PROPOSED RETAINING WALL

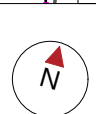


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10	FOR S67 RESPONSE	SM	15/08/25	DRAWN	MK			
11	FOR S67 RESPONSE	RO	17/09/25	CHECKED	GW			
12	FOR S67 RESPONSE	RO	7/10/25	APPROVED	CD			

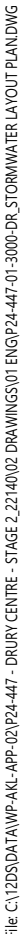
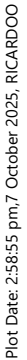
BUILDING B, LEVEL 1
8 NUGENT ST, GRAFTON,
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DRURY CENTRE-STAGE 2
OVERALL STORMWATER LAYOUT PLAN



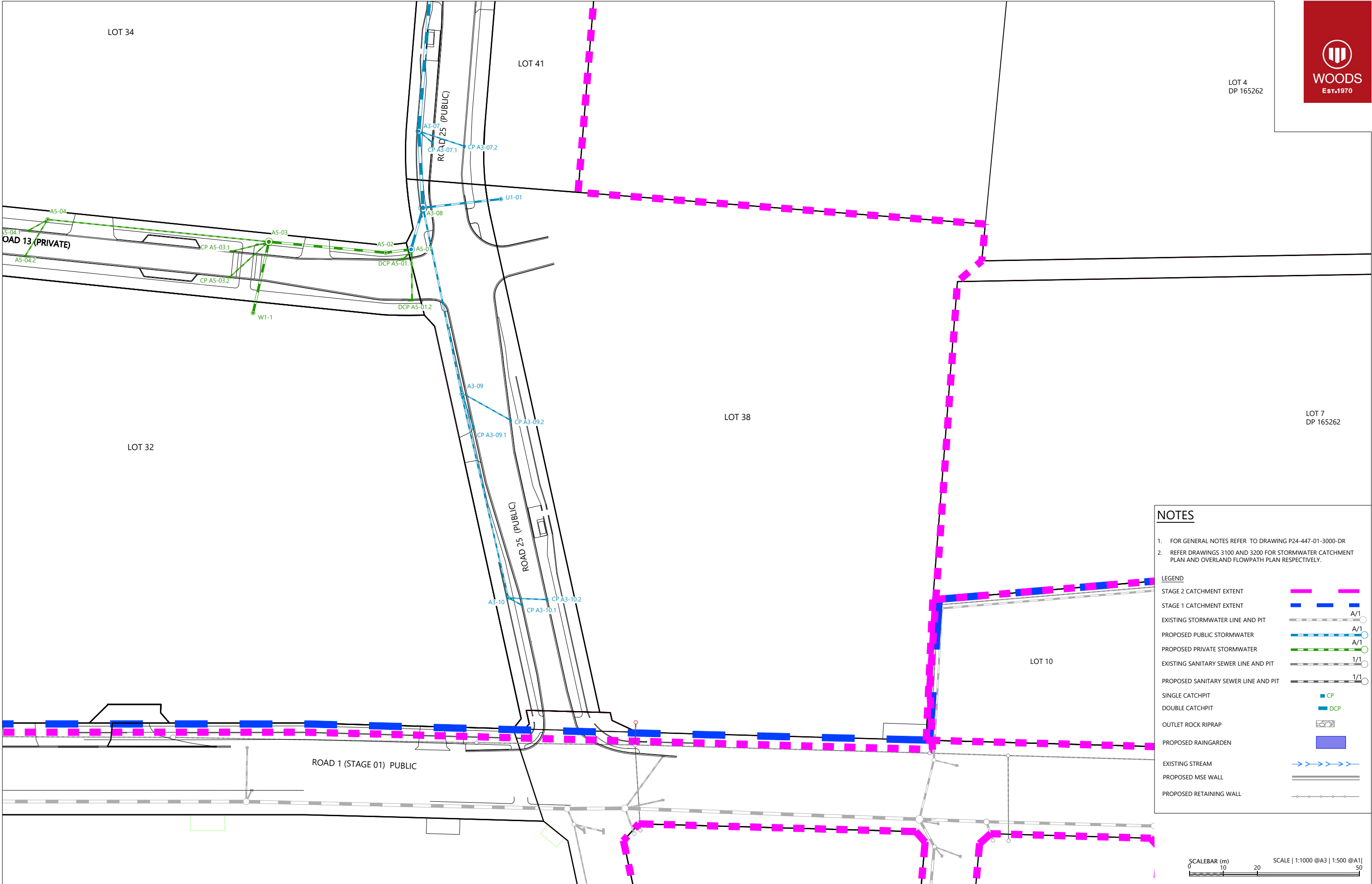
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COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-447-01-3000-DR	



STATUS	FOR S67 RESPONSE	REV
SCALE	1:1000 @ A3	12
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-447-01-3001-DR	



Plot Date: 2:58:56 pm, 7 October 2025, RICARDOO



NOTES

- FOR GENERAL NOTES REFER TO DRAWING P24-447-01-3000-DR
- REFER DRAWINGS 3100 AND 3200 FOR STORMWATER CATCHMENT PLAN AND OVERLAND FLOWPATH PLAN RESPECTIVELY.

LEGEND

- STAGE 2 CATCHMENT EXTENT
- STAGE 1 CATCHMENT EXTENT
- EXISTING STORMWATER LINE AND PIT
- PROPOSED PUBLIC STORMWATER
- PROPOSED PRIVATE STORMWATER
- EXISTING SANITARY SEWER LINE AND PIT
- PROPOSED SANITARY SEWER LINE AND PIT
- SINGLE CATCHPIT
- DOUBLE CATCHPIT
- OUTLET ROCK RIPRAP
- PROPOSED RAINGARDEN
- EXISTING STREAM
- PROPOSED MSE WALL
- PROPOSED RETAINING WALL

SCALEBAR (m) 0 10 20 50
SCALE | 1:1000 @A3 | 1:500 @A1

REVISION DETAILS					INT	DATE	SURVEYED	
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10	FOR S67 RESPONSE	SM	15/08/25	DRAWN	MK			
11	FOR S67 RESPONSE	RO	17/09/25	CHECKED	GW			
12	FOR S67 RESPONSE	RO	7/10/25	APPROVED	CD			



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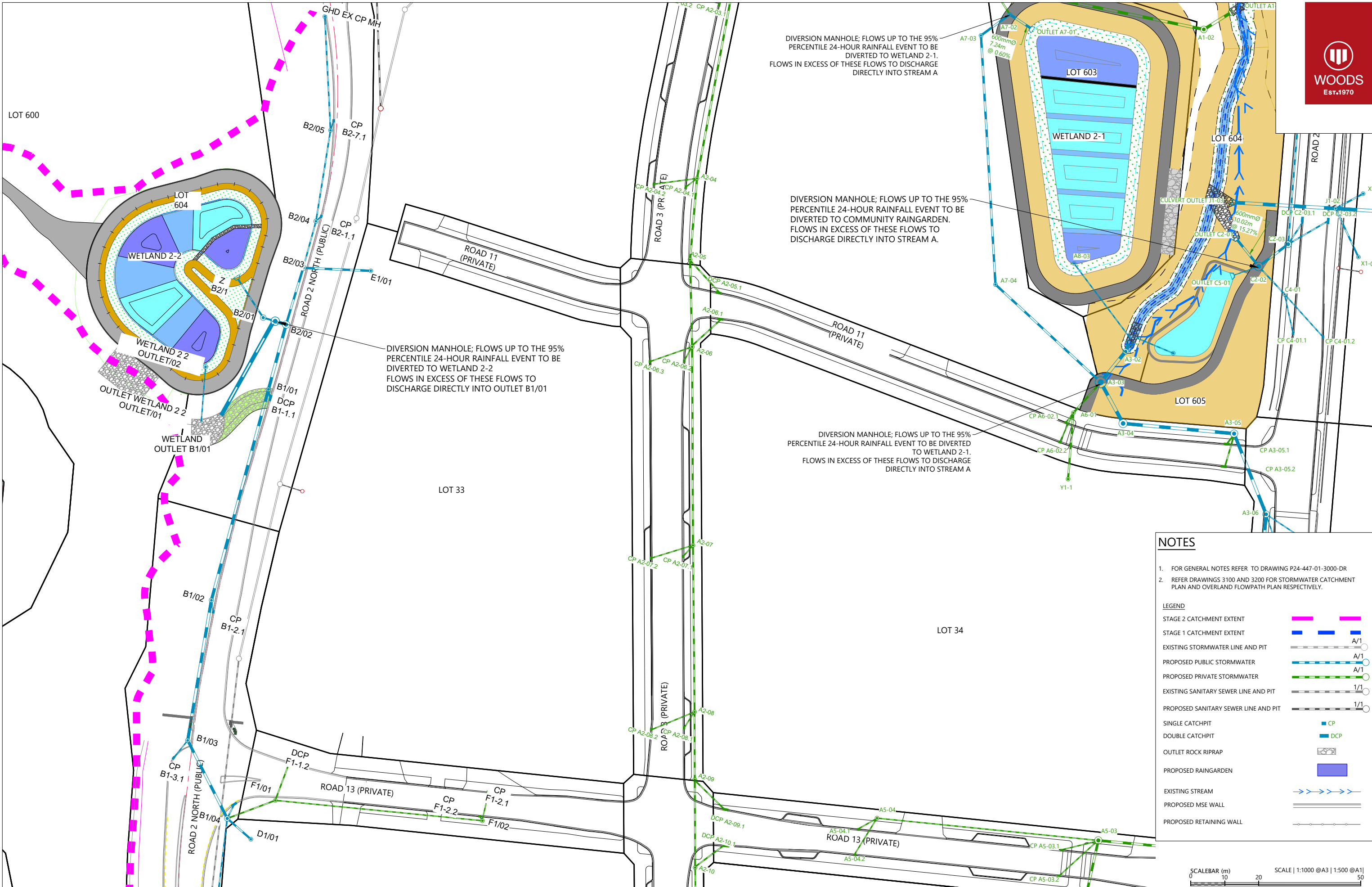


DRURY CENTRE-STAGE 2
STORMWATER LAYOUT PLAN (SHEET 2 OF 4)



STATUS	FOR S67 RESPONSE	REV
SCALE	1:1000 @ A3	12
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-447-01-3002-DR	

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NOTES

- FOR GENERAL NOTES REFER TO DRAWING P24-447-01-3000-DR
- REFER DRAWINGS 3100 AND 3200 FOR STORMWATER CATCHMENT PLAN AND OVERLAND FLOWPATH PLAN RESPECTIVELY.

LEGEND

STAGE 2 CATCHMENT EXTENT	
STAGE 1 CATCHMENT EXTENT	
EXISTING STORMWATER LINE AND PIT	
PROPOSED PUBLIC STORMWATER	
PROPOSED PRIVATE STORMWATER	
EXISTING SANITARY SEWER LINE AND PIT	
PROPOSED SANITARY SEWER LINE AND PIT	
SINGLE CATCHPIT	
DOUBLE CATCHPIT	
OUTLET ROCK RIPRAP	
PROPOSED RAINGARDEN	
EXISTING STREAM	
PROPOSED MSE WALL	
PROPOSED RETAINING WALL	



REVISION DETAILS	INT	DATE	SURVEYED	
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10 FOR S67 RESPONSE	SM	15/08/25	DRAWN	MK
11 FOR S67 RESPONSE	RO	17/09/25	CHECKED	GW
12 FOR S67 RESPONSE	RO	7/10/25	APPROVED	CD

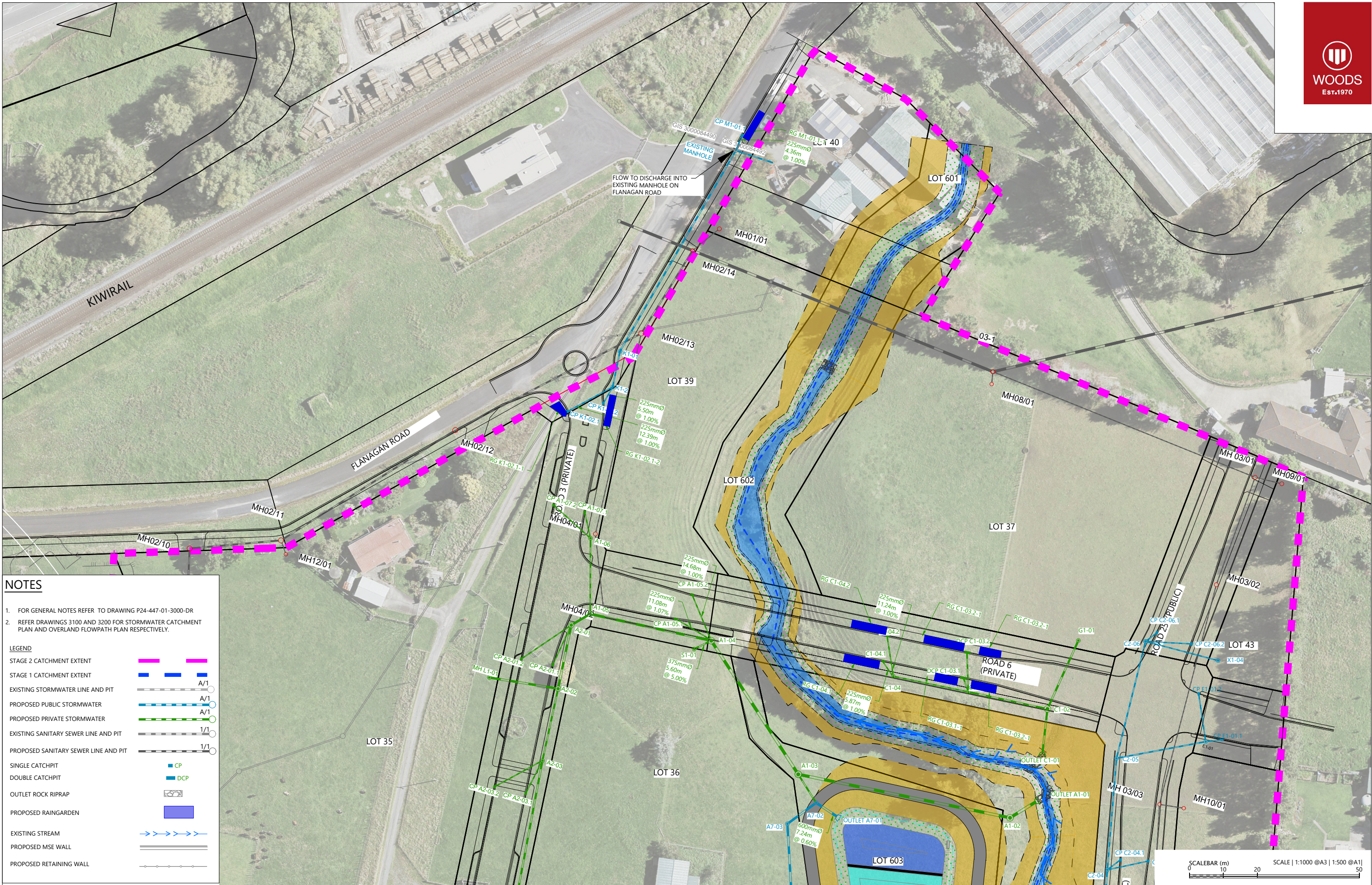
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DRURY CENTRE-STAGE 2
STORMWATER LAYOUT PLAN (SHEET 3 OF 4)



STATUS	FOR S67 RESPONSE	REV
SCALE	1:1000 @ A3	12
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-447-01-3003-DR	



NOTES

1. FOR GENERAL NOTES REFER TO DRAWING P24-447-01-3000-DR

2. REFER DRAWINGS 3100 AND 3200 FOR STORMWATER CATCHMENT PLAN AND OVERLAND FLOWPATH PLAN RESPECTIVELY.

LEGEND

STAGE 2 CATCHMENT EXTENT

STAGE 1 CATCHMENT EXTENT

EXISTING STORMWATER LINE AND PIT

PROPOSED PUBLIC STORMWATER

PROPOSED PRIVATE STORMWATER

EXISTING SANITARY SEWER LINE AND PIT

PROPOSED SANITARY SEWER LINE AND PIT

SINGLE CATCHPIT

DOUBLE CATCHPIT

OUTLET ROCK RIPRAP

PROPOSED RAINGARDEN

EXISTING STREAM

PROPOSED MSE WALL

PROPOSED RETAINING WALL

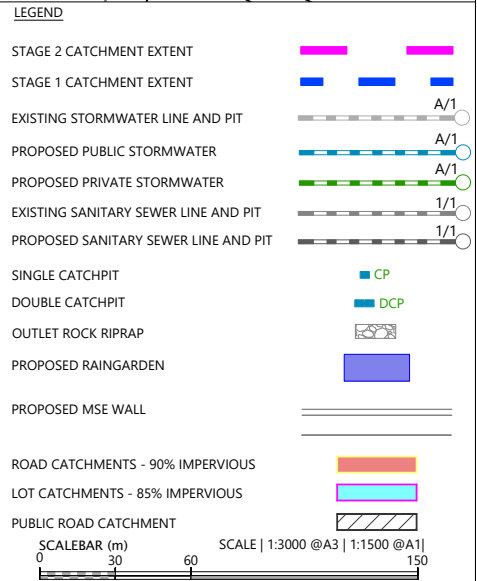
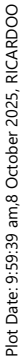
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10	FOR S67 RESPONSE	SM	15/08/25	DRAWN	MK
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12	FOR S67 RESPONSE	RO	7/10/25	APPROVED	CD

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DRURY CENTRE-STAGE 2
STORMWATER LAYOUT PLAN (SHEET 4 OF 4)

	STATUS	FOR S67 RESPONSE	REV
	SCALE	1:1000 @ A3	12
	COUNCIL	AUCKLAND COUNCIL	
	DWG NO	P24-447-01-3004-DR	

Plot Date: 2:58:57 pm, 7 October 2025, RICARDOO
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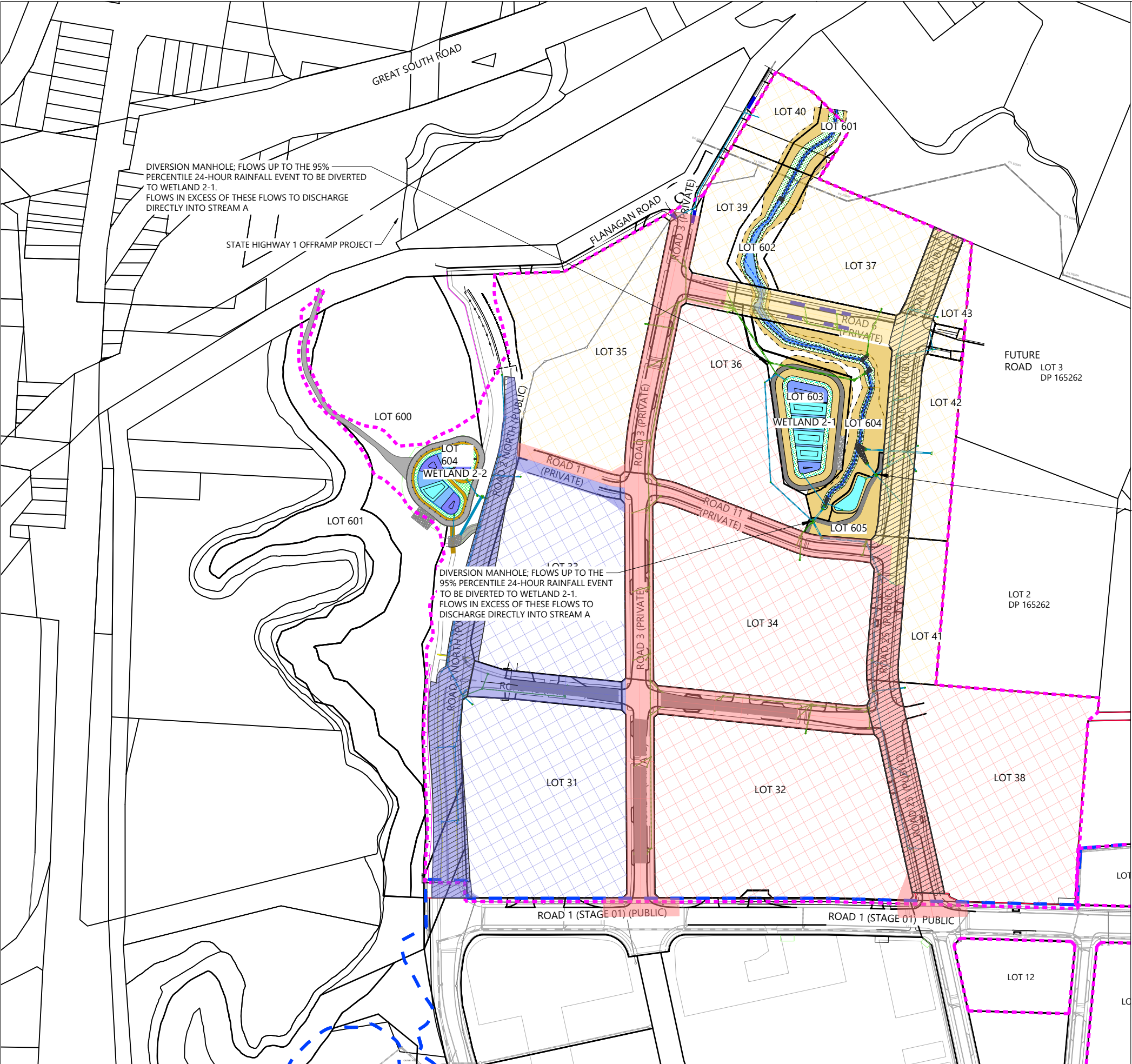


Kiwi
Property

STATUS	FOR S67 RESPONSE	REV
SCALE	1:3000 @ A3	12
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-447-01-3102-DR	

DIVERSION MANHOLE; FLOWS UP TO THE 95% PERCENTILE 24-HOUR RAINFALL EVENT TO BE DIVERTED TO WETLAND 2-1. FLOWS IN EXCESS OF THESE FLOWS TO DISCHARGE DIRECTLY INTO STREAM A

STATE HIGHWAY 1 OFFRAMP PROJECT



RAINGARDEN CATCHMENT SUMMARY					
ROADSIDE RAINGARDENS					
RAINGARDEN	CATCHMENT IMPERV AREA %	TOTAL CONTRIBUTING CATCHMENT (m ²)	CATCHMENT IMPERV AREA (m ²)	PONDING FOOTPRINT (m ²)	PONDING FOOTPRINT AS % OF IMPERVIOUS CATCHMENT
RG K1-02.1	90	316	284	14.5	5
RG K1-02.2	90	320	288	14.5	5
RG C1-03.1-1	90	412	371	18.5	5
RG C1-03.1-2	90	412	371	18.5	5
RG C1-03.2-1	90	612	550	28.5	5
RG C1-03.2-2	90	354	319	16.1	5
RG C1-04.1	90	605	545	28.2	5
RG C1-04.2	90	609	548	27.7	5
TOTAL		3640	3276	166.9	

DIVERSION MANHOLE; FLOWS UP TO THE 95% PERCENTILE 24-HOUR RAINFALL EVENT TO BE DIVERTED TO COMMUNITY RAINGARDEN. FLOWS IN EXCESS OF THESE FLOWS TO DISCHARGE DIRECTLY INTO STREAM A.

LEGEND

STAGE 2 CATCHMENT EXTENT

STAGE 1 CATCHMENT EXTENT

EXISTING STORMWATER LINE AND PIT

PROPOSED PUBLIC STORMWATER

PROPOSED PRIVATE STORMWATER

EXISTING SANITARY SEWER LINE AND PIT

PROPOSED SANITARY SEWER LINE AND PIT

SINGLE CATCHPIT

DOUBLE CATCHPIT

OUTLET ROCK RIPRAP

PROPOSED RAINGARDEN

PROPOSED MSE WALL

TREATMENT AND DETENTION BY WETLAND 2-2 - 1.1248 ha

ONSITE RETENTION REQUIRED - 3.1088 ha

TREATMENT AND DETENTION BY WETLAND 2-1 - 2.4407 ha

ONSITE RETENTION REQUIRED - 6.8943 ha

TREATMENT AND DETENTION BY RAINGARDENS - 0.8419 ha

ONSITE TREATMENT, DETENTION AND RETENTION REQUIRED - 3.7532 ha

PUBLIC ROAD CATCHMENT - 1.9655 ha

SCALEBAR (m)

SCALE | 1:3000 @A3 | 1:1500 @A1 | 1:750 @A2

REVISION DETAILS					INT	DATE	SURVEYED	
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10	FOR S67 RESPONSE	RO	15/08/25	DRAWN	MK			
11	FOR S67 RESPONSE	RO	17/09/25	CHECKED	GW			
12	FOR S67 RESPONSE	RO	07/10/25	APPROVED	CD			



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DRURY CENTRE-STAGE 2
STORMWATER TREATMENT CATCHMENT PLAN



STATUS	FOR S67 RESPONSE	REV
SCALE	1:3000 @ A3	12
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-447-01-3103-DR	