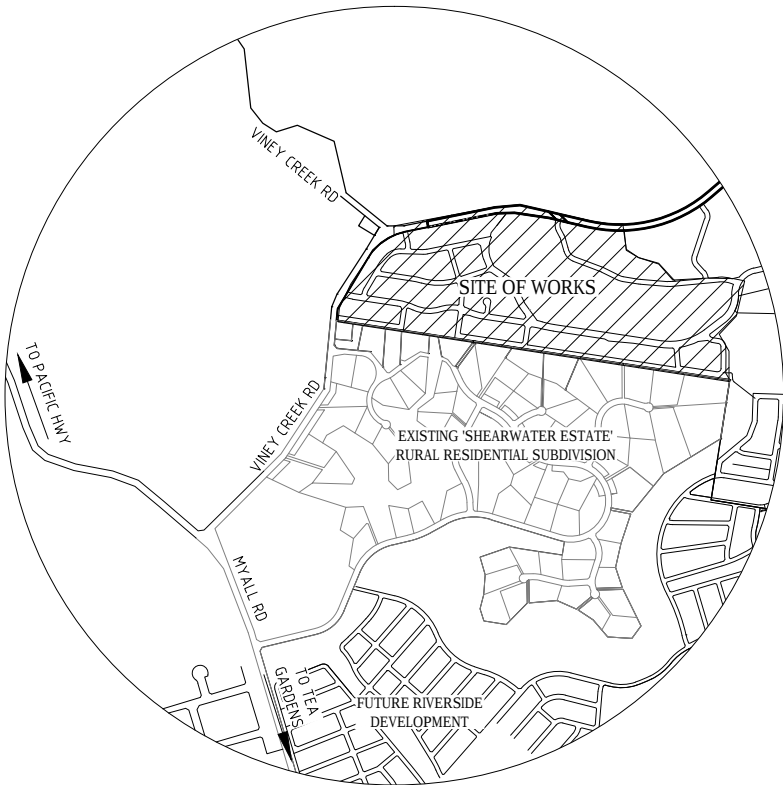


PROPOSED RESIDENTIAL SUBDIVISION
'DURNNESS STATION', LOT 1, 2, 3 & 4 DP 1154170
VINEY CREEK ROAD, NORTH SHEARWATER
DEVELOPMENT APPLICATION,
ROAD & DRAINAGE DESIGN PLANS



LOCALITY SKETCH

Schedule of Drawings			
Sheet	File Number	Description	Revision
1	21800037	COVER SHEET, LOCALITY SKETCH & SCHEDULE OF DRAWINGS	C
2	21800038	OVERALL SITE PLAN	C
3	21800039	PRECINCT 1 SUBDIVISION LAYOUT	C
4	21800040	PRECINCT 2 & 3 SUBDIVISION LAYOUT	C
5	21800041	PRECINCT 1 DETAIL PLAN	C
6	21800042	PRECINCT 2 & 3 DETAIL PLAN	C
7	21800043	RU2 RECREATIONAL AREA DETAIL PLAN	C
8	21800044	PRECINCT 1 TREE REMOVAL PLAN	C
9	21800045	PRECINCT 2 & 3 TREE REMOVAL PLAN	C
10	21800046	PRECINCT 1 PRECINCT RELEASE PLAN	C
11	21800047	DETAILS PLAN - ROAD TYPICALS	C
12	21800048	DETAILS PLAN - SERVICES ALLOCATIONS & VINEY CREEK RD LANDSCAPE BUFFER	C
13	21800049	ROAD LONGITUDINAL SECTIONS	C
14	21800050	ROAD LONGITUDINAL SECTIONS	C
15	21800051	ROAD LONGITUDINAL SECTIONS	C
16	21800052	ROAD LONGITUDINAL SECTIONS	C
17	21800053	ROAD LONGITUDINAL SECTIONS	C
18	21800054	RIPARIAN CORRIDOR PATHWAY & STG 2-5 SERVICE ROAD LONGITUDINAL SECTIONS	C
19	21800055	PRECINCT 1 BASIN PLAN	C
20	21800056	PRECINCT 1 BASIN SECTIONS	C
21	21800057	PRECINCT 1 BASIN DETAILS	C
22	21800058	PRECINCT 2 BASIN PLAN	C
23	21800059	PRECINCT 3 BASIN PLAN	C
24	21800060	PRECINCT 3 BASIN SECTIONS	C
25	21800061	CATCHMENT PLAN	C
26	21800062	PRECINCT 1 CUT-FILL PLAN	C
27	21800063	PRECINCT 2 & 3 CUT-FILL PLAN	C
28	21800064	OVERALL SHARED PATHWAYS PLAN	C
29	21800065	PRECINCT 1 CONCEPT SOIL & WATER MANAGEMENT PLAN	C
30	21800066	PRECINCT 2 & 3 CONCEPT SOIL & WATER MANAGEMENT PLAN	C
31	21800067	CONCEPT SOIL & WATER MANAGEMENT NOTES	C
32	21800068	OVERALL CONCEPT ELECTRICAL SERVICING PLAN	C

Designed By **TATTERSALL LANDER** PTY LTD
DEVELOPMENT CONSULTANTS IN ENGINEERING, SURVEYING & PLANNING
PO Box 580 RAYMOND TERRACE Phone (02) 4987 1500



C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE

* Denote the original signature and date when revision was issued.

**TATTERSALL
LANDER** PTY LTD
DEVELOPMENT CONSULTANTS
ENGINEERING, SURVEYING & PLANNING
2 Bourke St. P.O. Box 580
RAYMOND TERRACE 2324
Fax (02) 49871733 Phone (02) 49871500

OVERALL SITE PLAN
DURNESS STATION RESIDENTIAL SUBDIVISION
LOT 1, 2, 3 & 4 DP 1154170
VINEY CREEK ROAD, NORTH SHEARWATER

COUNCIL MIDCOAST	REFERENCE 21800038
PARISH COWEAMBAH	SHEET SIZE A3
SCALE 1:600 on A3	SHEET No. 2
DATE : 6/10/20	Plotted 6/10/20 1:25PM

CLIENT: WOLIN PTY LTD JOB No.: 205532 COMPUTER FILE : S:\projects\North Shearwater\Dwg\Precinct11-3 DA Design Plans.dwg



RU2

PART LOT 2
DP1154170

LOT 1
DP1154170

LOT 3
DP1154170

E2

JOINS SHEET 4

DRAINAGE RESERVE

PUBLIC RESERVE

EXISTING 'SHEARWATER ESTATE' RURAL RESIDENTIAL SUBDIVISION

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*

* Denote the original signature and date when revision was issued.

TATTERSALL
LANDER PTY LTD
DEVELOPMENT CONSULTANTS
ENGINEERING, SURVEYING & PLANNING
2 Bourke St. P.O. Box 580
RAYMOND TERRACE 2324
Fax (02) 49871733 Phone (02) 49871500

PLAN OF PROPOSED RESIDENTIAL SUBDIVISION
PRECINCT 1 LAYOUT PLAN
LOT 1, 2, 3 & 4 DP 1154170
VINEY CREEK ROAD, NORTH SHEARWATER

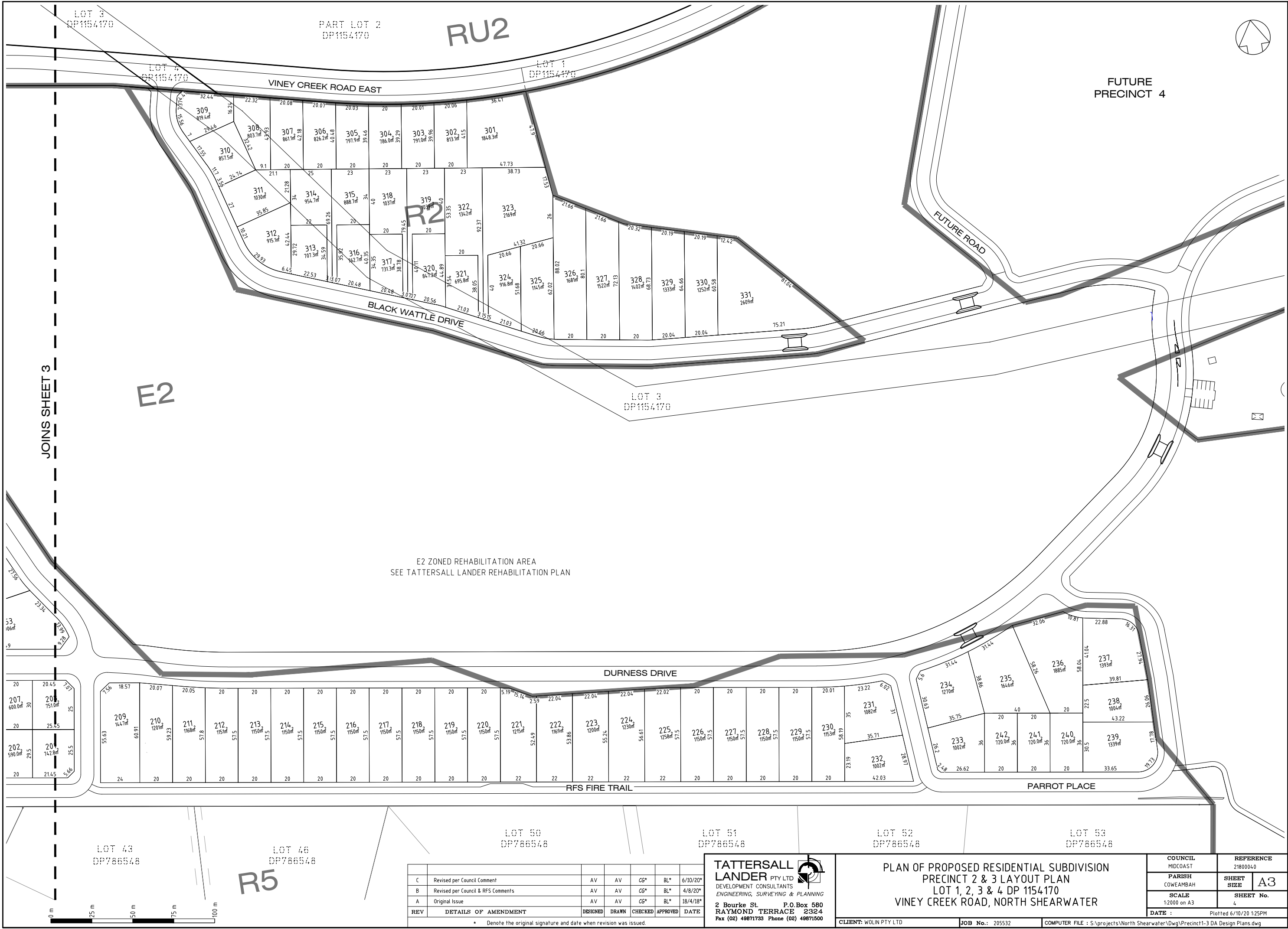
CLIENT: WOLIN PTY LTD

JOB No.: 205532

COMPUTER FILE : S:\projects\North Shearwater\DWG\Precinct1-3 DA Design Plans.dwg

COUNCIL MIDCOAST	REFERENCE 21800039
PARISH COWEAMBAH	SHEET SIZE A3
SCALE 1:2000 on A3	SHEET No. 3
DATE :	Plotted 6/10/20 12:52PM

0 m 25 m 50 m 75 m 100 m



C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE

* Denote the original signature and date when revision was issued.

TATTERSALL LANDER PTY LTD
DEVELOPMENT CONSULTANTS
ENGINEERING, SURVEYING & PLANNING
2 Bourke St. P.O.Box 580
RAYMOND TERRACE 2324
Fax (02) 49871733 Phone (02) 49871500

PLAN OF PROPOSED RESIDENTIAL SUBDIVISION
PRECINCT 2 & 3 LAYOUT PLAN
LOT 1, 2, 3 & 4 DP 1154170
VINEY CREEK ROAD, NORTH SHEARWATER

CLIENT: WOLIN PTY LTD

JOB No.: 205532

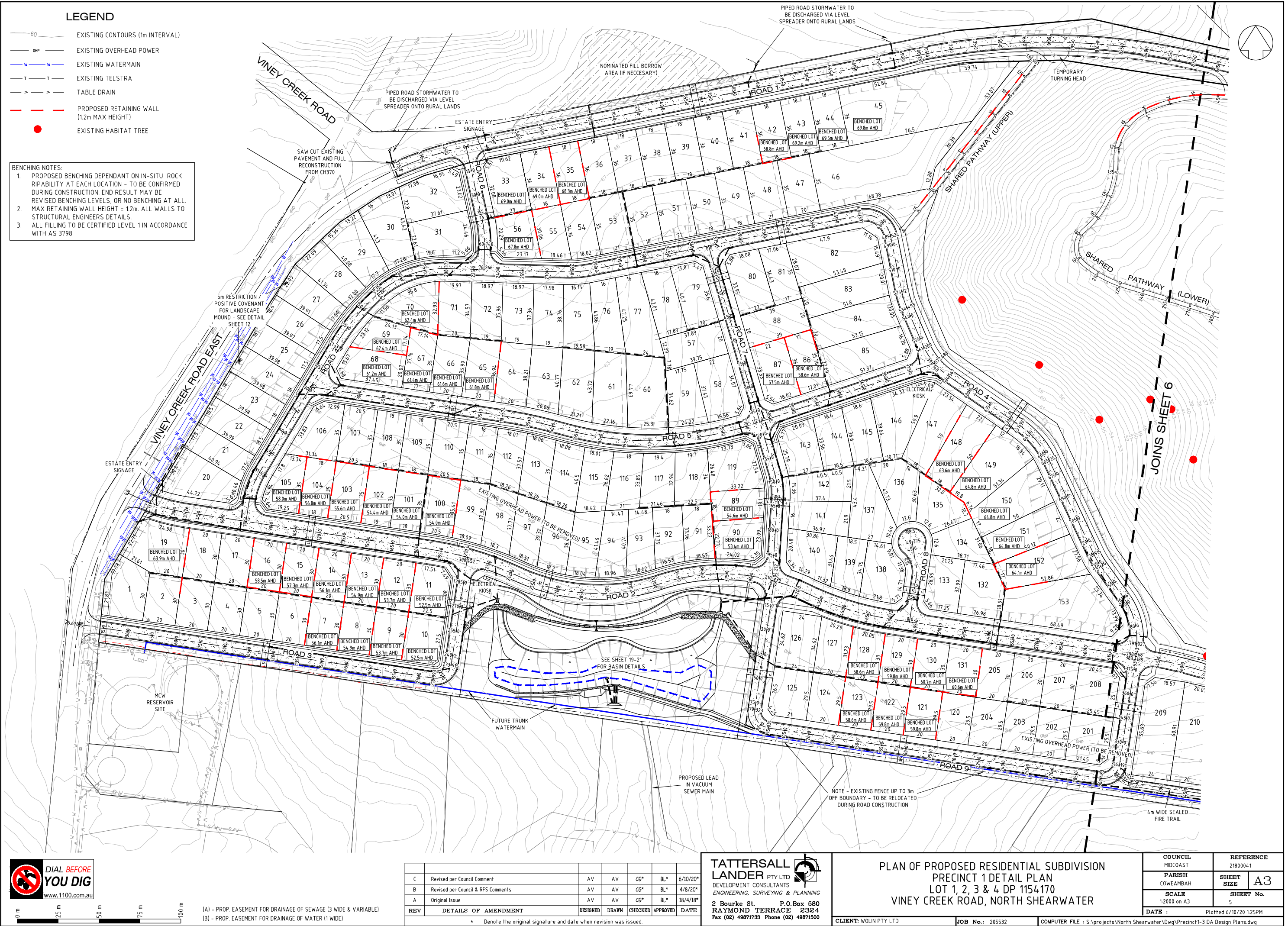
COMPUTER FILE : S:\projects\North Shearwater\Drawg\Precinct1-3 DA Design Plans.dwg

COUNCIL MIDCOAST	REFERENCE 21800040
PARISH COWEAMBAH	SHEET SIZE A3
SCALE 1:2000 on A3	SHEET No. 4
DATE :	Plotted 6/10/20 12:55PM

LEGEND

- 60 ——— EXISTING CONTOURS (1m INTERVAL)
- OHP ——— EXISTING OVERHEAD POWER
- W ——— EXISTING WATERMAIN
- T ——— EXISTING TELSTRA
- V ——— TABLE DRAIN
- ——— PROPOSED RETAINING WALL (1.2m MAX HEIGHT)
- EXISTING HABITAT TREE

- BENCHING NOTES:
1. PROPOSED BENCHING DEPENDANT ON IN-SITU ROCK RIPABILITY AT EACH LOCATION - TO BE CONFIRMED DURING CONSTRUCTION. END RESULT MAY BE REVISED BENCHING LEVELS, OR NO BENCHING AT ALL. MAX RETAINING WALL HEIGHT = 1.2m. ALL WALLS TO STRUCTURAL ENGINEERS DETAILS.
 2. ALL FILLING TO BE CERTIFIED LEVEL 1 IN ACCORDANCE WITH AS 3798.



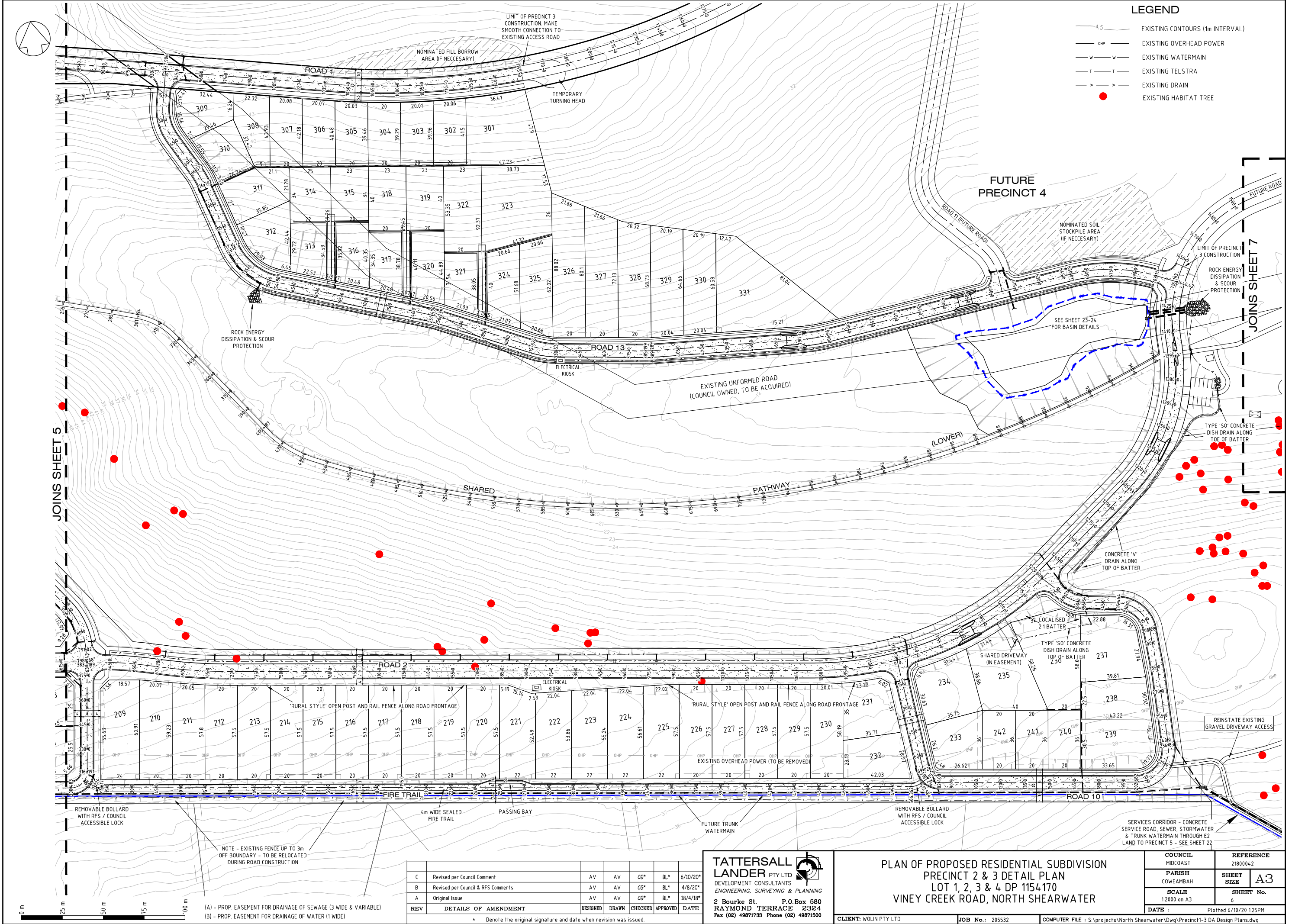
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*

TATTERSALL LANDER PTY LTD
DEVELOPMENT CONSULTANTS
ENGINEERING, SURVEYING & PLANNING
2 Bourke St. P.O.Box 580
RAYMOND TERRACE 2324
Fax (02) 49871733 Phone (02) 49871500

PLAN OF PROPOSED RESIDENTIAL SUBDIVISION
PRECINCT 1 DETAIL PLAN
LOT 1, 2, 3 & 4 DP 1154170
VINEY CREEK ROAD, NORTH SHEARWATER

COUNCIL	MIDCOAST	REFERENCE	21800041
PARISH	COWEAMBAH	SHEET SIZE	A3
SCALE	1:2000 on A3	SHEET No.	5
DATE	Plotted 6/10/20 12:52PM		

CLIENT: WOLIN PTY LTD JOB No.: 205532 COMPUTER FILE: S:\projects\North Shearwater\DWG\Precinct1-3 DA Design Plans.dwg



REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*

TATTERSALL LANDER PTY LTD
DEVELOPMENT CONSULTANTS
ENGINEERING, SURVEYING & PLANNING
2 Bourke St. P.O.Box 580
RAYMOND TERRACE 2324
Fax (02) 49871733 Phone (02) 49871500

**PLAN OF PROPOSED RESIDENTIAL SUBDIVISION
PRECINCT 2 & 3 DETAIL PLAN
LOT 1, 2, 3 & 4 DP 1154170
VINEY CREEK ROAD, NORTH SHEARWATER**

COUNCIL MIDCOAST	REFERENCE 21800042
PARISH COWEAMBAH	SHEET SIZE A3
SCALE 1:2000 on A3	SHEET No. 6
DATE : 6/10/20	Plotted 6/10/20 12SPM

CLIENT: WOLIN PTY LTD JOB No.: 205532 COMPUTER FILE : S:\projects\North Shearwater\DWG\Precinct1-3 DA Design Plans.dwg

LEGEND



EXISTING TREE TO BE REMOVED



EXISTING HABITAT TREE



VINEY CREEK ROAD

VINEY CREEK ROAD

JOINS SHEET 9

PRECINCT 1 TREE REMOVAL PLAN

NOTE - EXISTING FENCE UP TO 3m
OFF BOUNDARY - TO BE RELOCATED
DURING ROAD CONSTRUCTION

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL
LANDER Pty Ltd
DEVELOPMENT CONSULTANTS



SCALE :
1:2000 for A3 sized plot

SHEET No. : 8
JOB No. : 217416

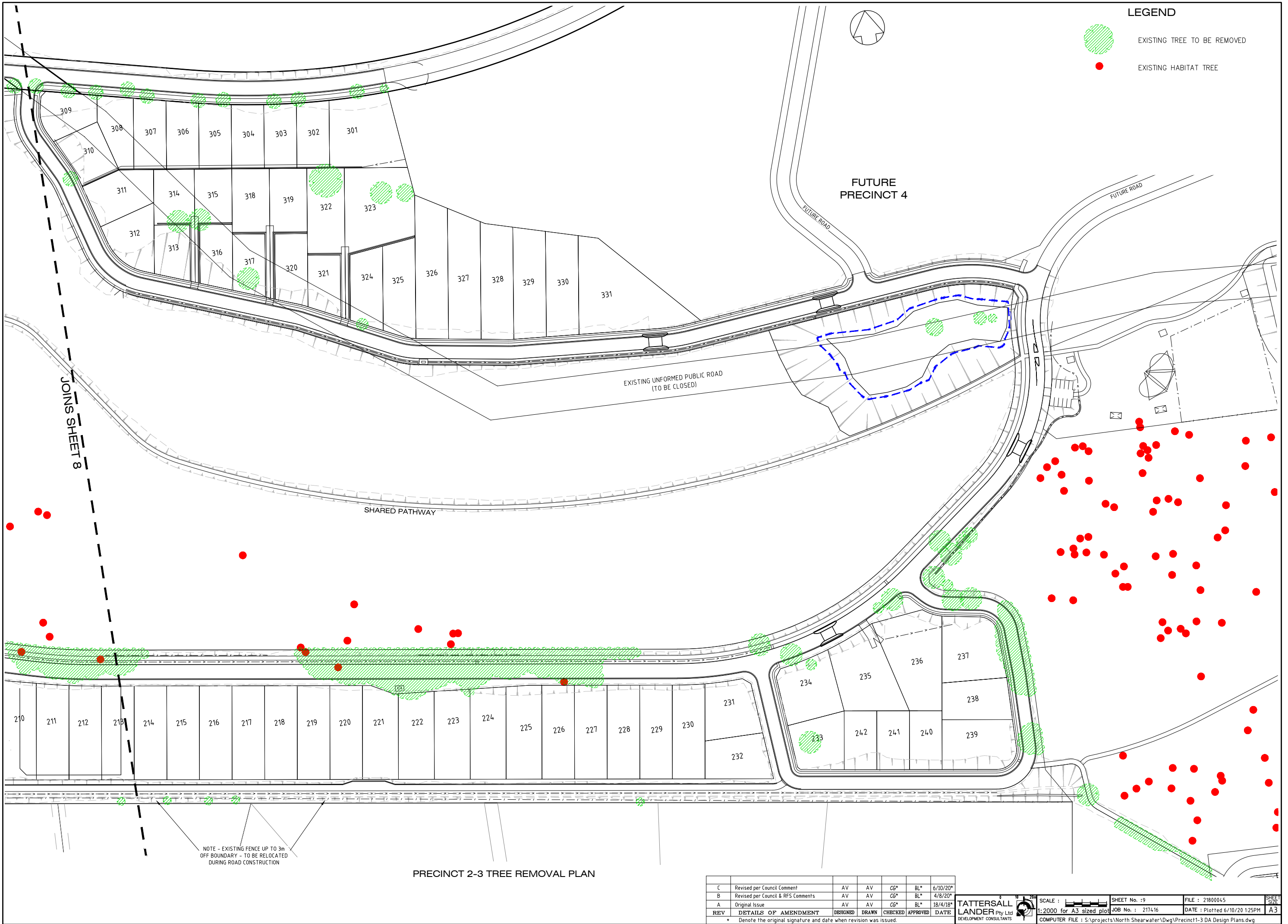
DATE : Plotted 6/10/20 12SPM

FILE : 21800044

DATE : 6/10/20 12SPM

SHEET
SIZE
A3

COMPUTER FILE : S:\projects\North Shearwater\Drawg\Precinct1-3 DA Design Plans.dwg



- LEGEND**
- EXISTING TREE TO BE REMOVED
 - EXISTING HABITAT TREE

JOINS SHEET 8

NOTE - EXISTING FENCE UP TO 3m
OFF BOUNDARY - TO BE RELOCATED
DURING ROAD CONSTRUCTION

PRECINCT 2-3 TREE REMOVAL PLAN

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL
LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

SCALE :
1:2000 for A3 sized plot

SHEET No. : 9
JOB No. : 217416

FILE : 21800045
DATE : Plotted 6/10/20 12:5PM

SHEET
SIZE
A3

COMPUTER FILE : S:\projects\North Shearwater\Dwg\Precinct11-3 DA Design Plans.dwg

- PRECINCT 1A

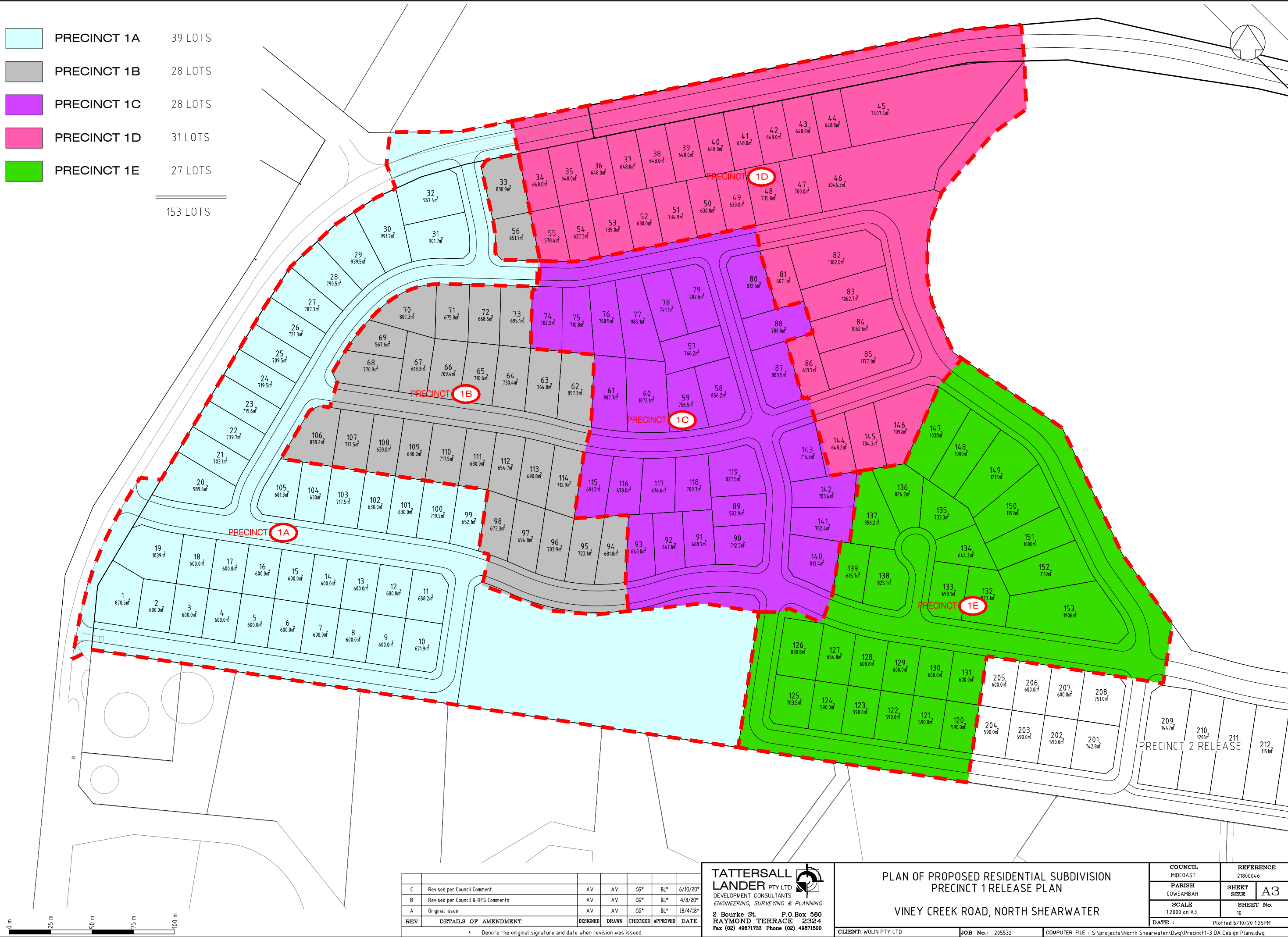
39 LOTS
- PRECINCT 1B

28 LOTS
- PRECINCT 1C

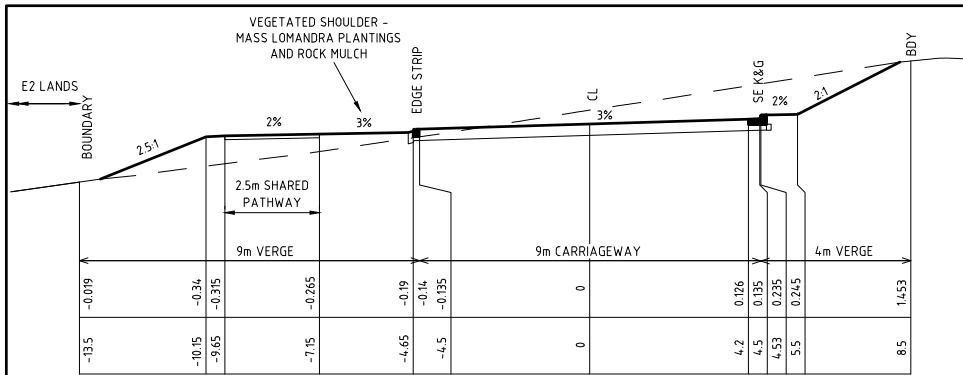
28 LOTS
- PRECINCT 1D

31 LOTS
- PRECINCT 1E

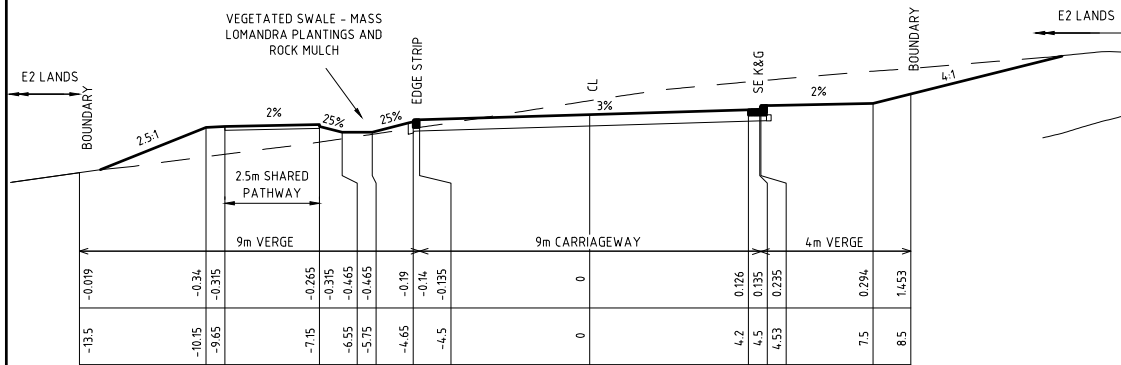
27 LOTS
- 153 LOTS



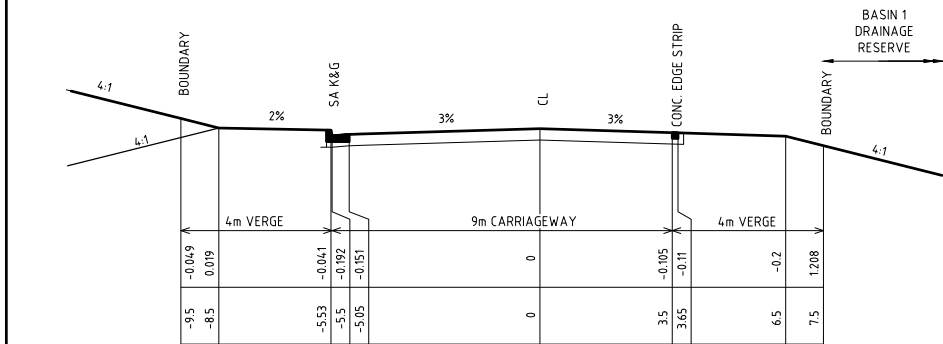
* Denote the original signature and date when revision was issued.



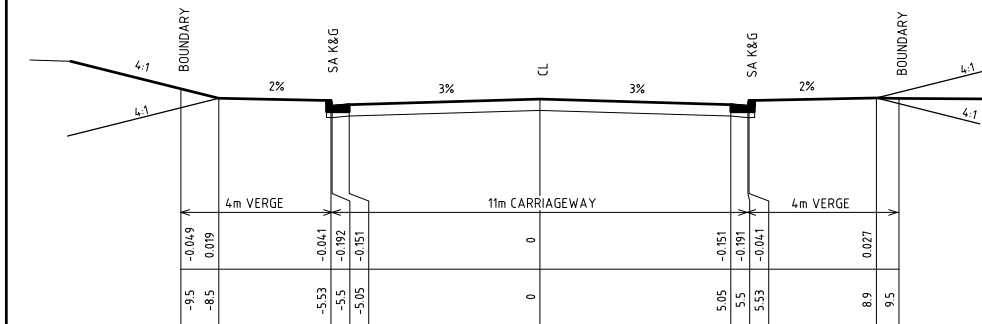
TYPICAL SECTION - ROAD 2 Ch1230-Ch1455
1:200 (NATURAL)



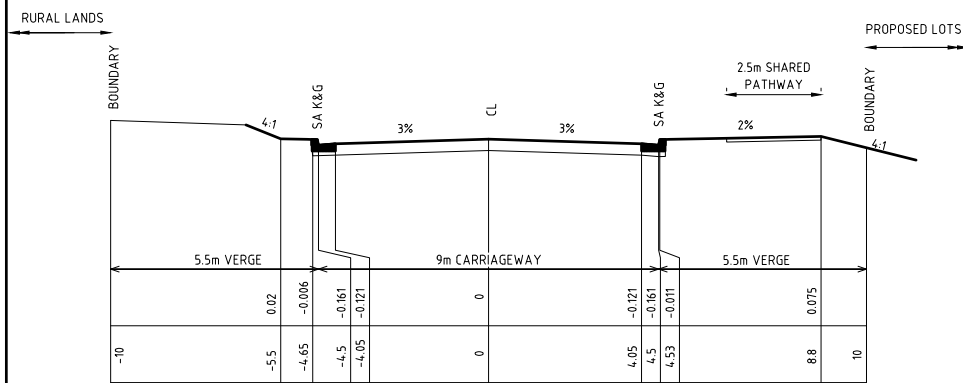
TYPICAL SECTION - ROAD 2 Ch630-Ch1230
1:200 (NATURAL)



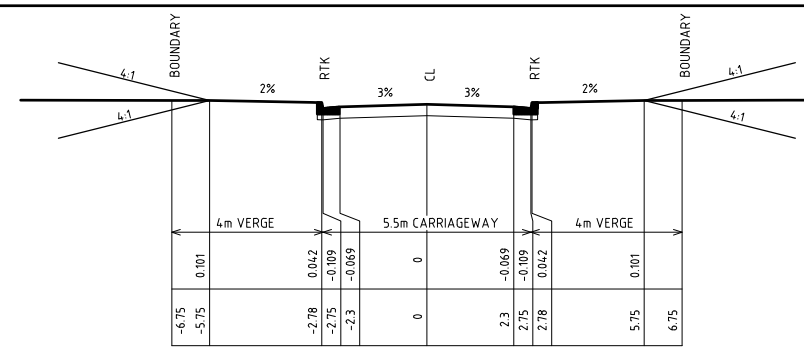
TYPICAL SECTION - ROAD 2 Ch210-Ch405
1:200 (NATURAL)



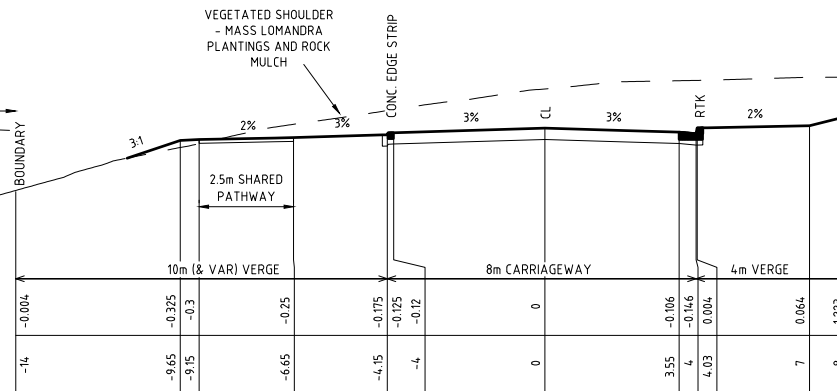
TYPICAL SECTION - ROAD 2 Ch0-Ch210 & Ch405-Ch630
1:200 (NATURAL)



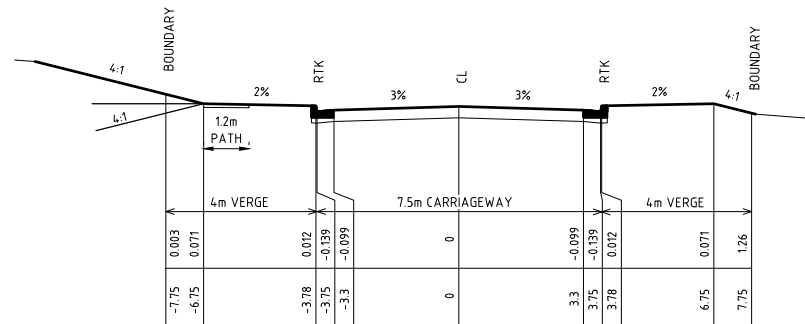
TYPICAL SECTION - ROAD 1 Ch370-Ch750
1:200 (NATURAL)



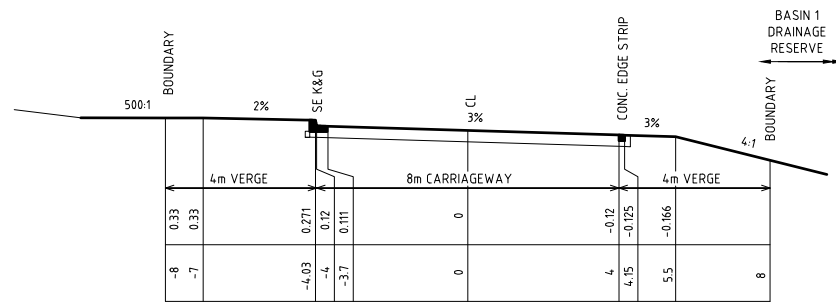
TYPICAL SECTION - ROAD 7 Ch0-Ch112 & ROAD 8
1:200 (NATURAL)



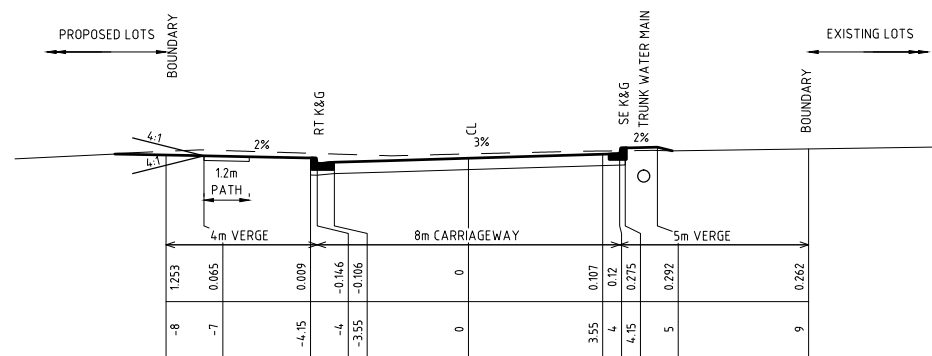
TYPICAL SECTION - ROAD 4 Ch480-Ch800
1:200 (NATURAL)



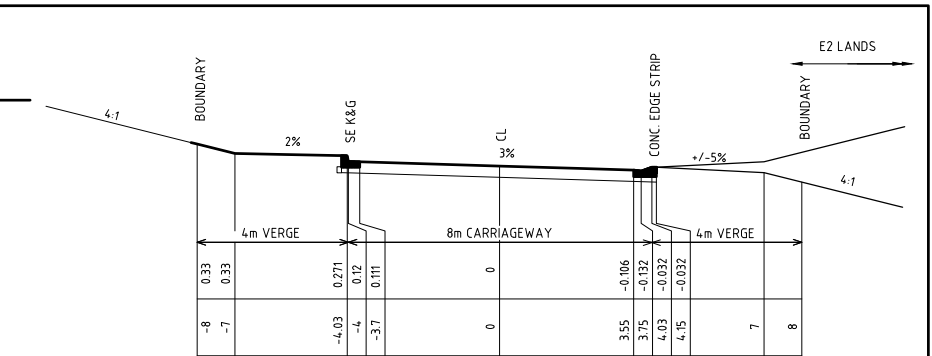
TYPICAL SECTION - ROAD 4 Ch0-Ch480, ROAD 5, ROAD 6 & ROAD 7 Ch112-Ch210
1:200 (NATURAL)



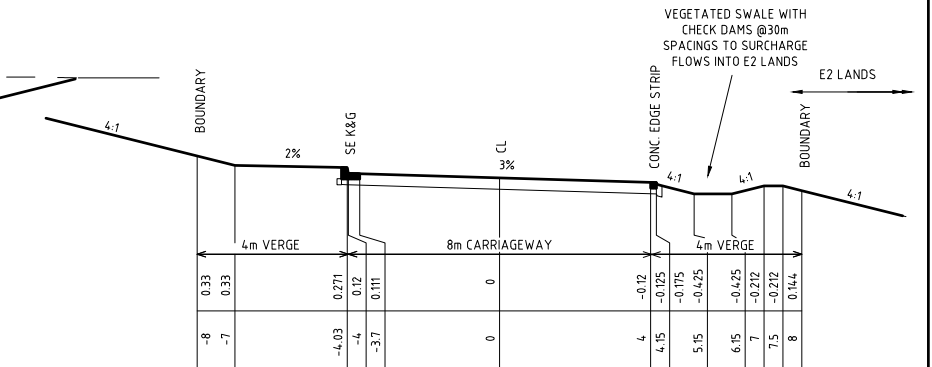
TYPICAL SECTION - ROAD 3 Ch233-300 & ROAD 10 Ch0-85
1:200 (NATURAL)



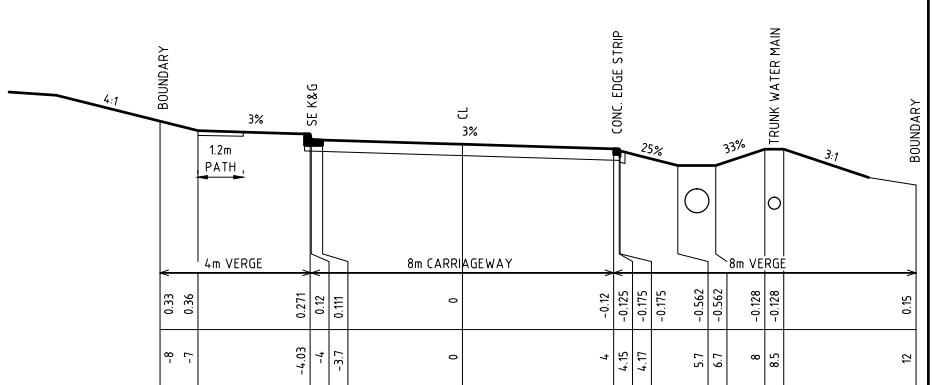
TYPICAL SECTION - ROAD 3 Ch0-220
1:200 (NATURAL)



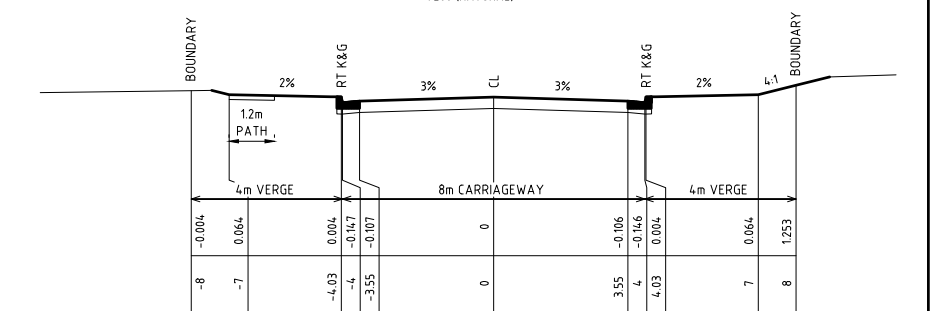
TYPICAL SECTION - ROAD 13 Ch150-700
1:200 (NATURAL)



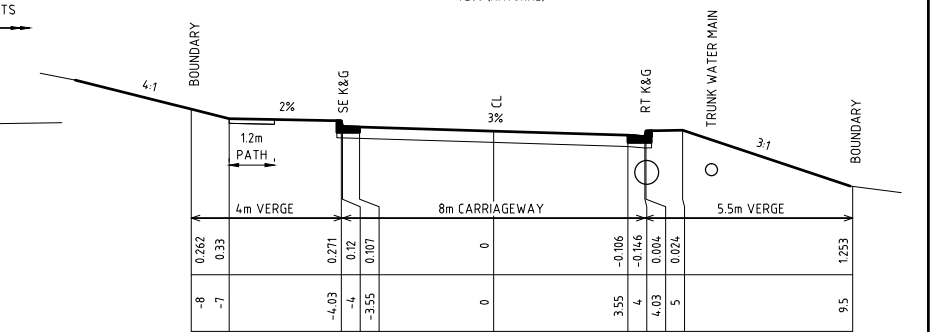
TYPICAL SECTION - ROAD 13 Ch150-700
1:200 (NATURAL)



TYPICAL SECTION - ROAD 10 Ch82.4-210
1:200 (NATURAL)



TYPICAL SECTION - ROAD 10 Ch0-69 & 236.8-386.4
1:200 (NATURAL)



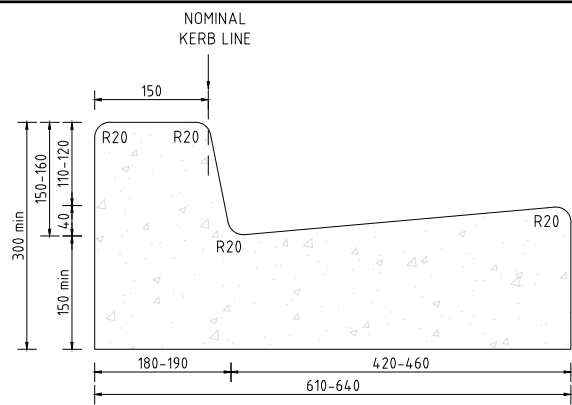
TYPICAL SECTION - ROAD 9 Ch95-305
1:200 (NATURAL)

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

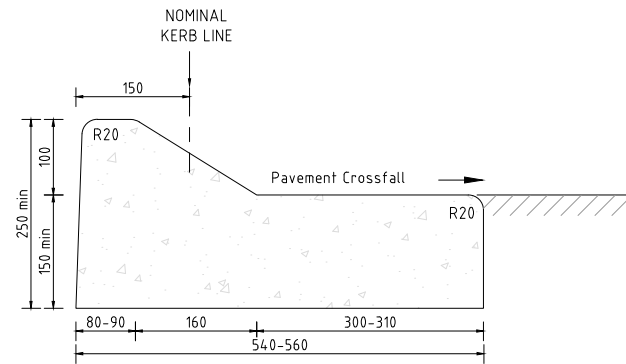
TATTERSALL
LANDER Pty Ltd
REVELOPMENT CONSULTANTS



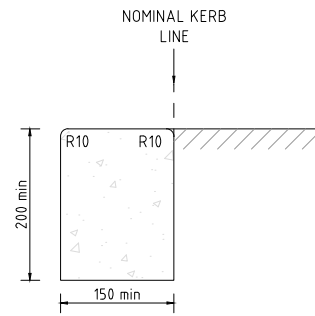
SCALE :	SHEET No. :11	FILE : 21800047	SHEET SIZE
AS SHOWN	JOB No. : 217416	DATE : Plotted 6/10/20 12SPM	A3
COMPUTER FILE : S:\projects\North Shearwater\Dwg\Precinct11-3A Design Plans.dwg			



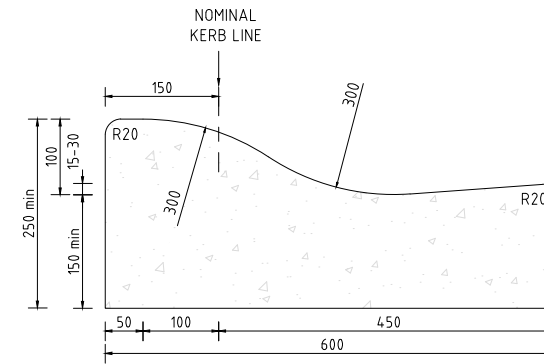
SA - KERB AND GUTTER
ALL DETAILS PER MCC ST0107



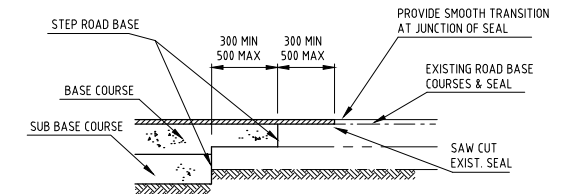
SE MOUNTABLE KERB & GUTTER
ALL DETAILS PER MCC ST0107



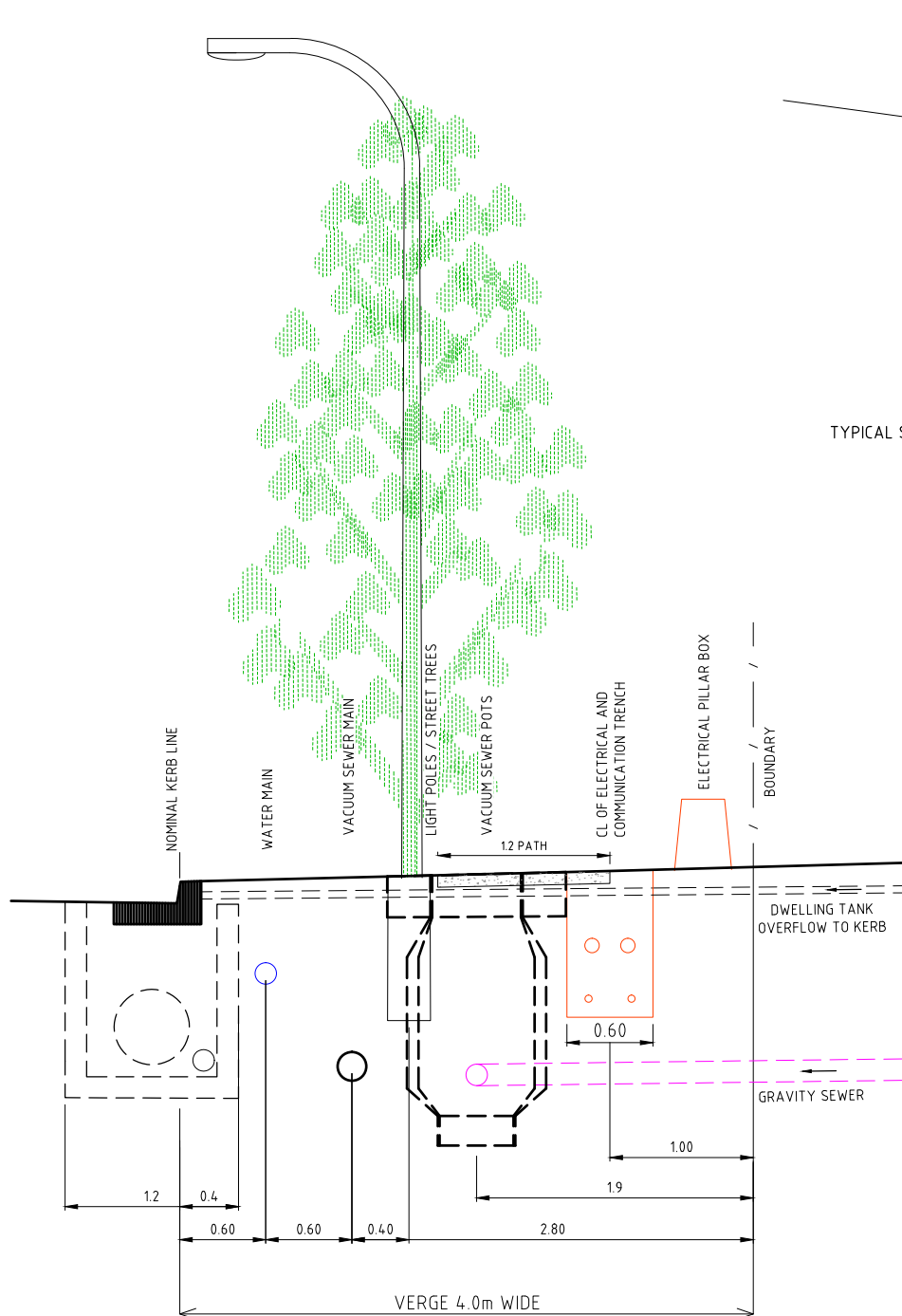
EDGE STRIP
ALL DETAILS PER MCC ST0107



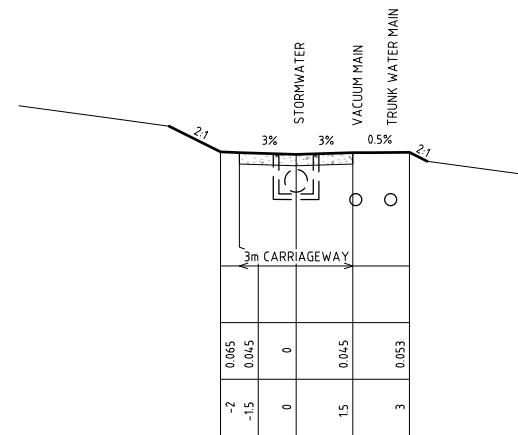
RT - ROLL TOP KERB AND GUTTER
ALL DETAILS PER MCC ST0107



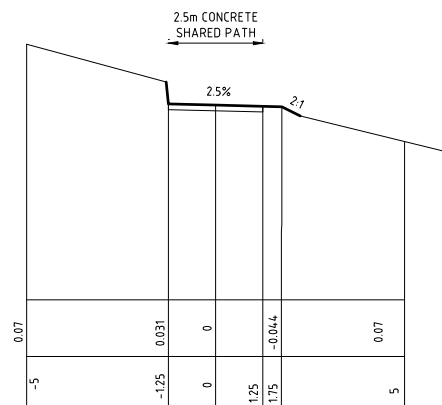
KEY JOINT DETAIL BETWEEN
NEW & EXISTING PAVEMENT
NOT TO SCALE



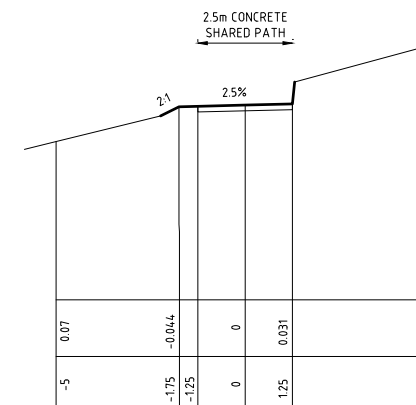
TYPICAL FOOTPATH ALLOCATION
1:50 (NATURAL)



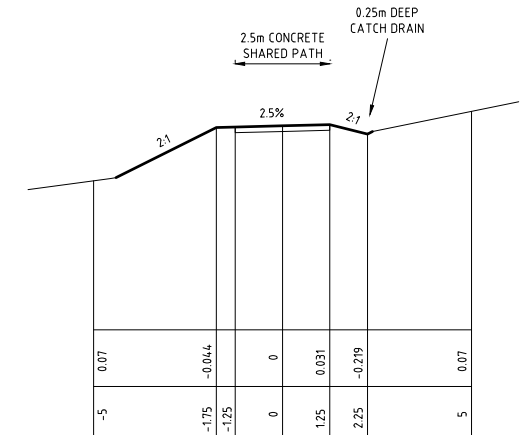
TYPICAL SECTION - PRECINCT 2-5 SERVICE ROAD (ROAD 14)
1:200 (NATURAL)



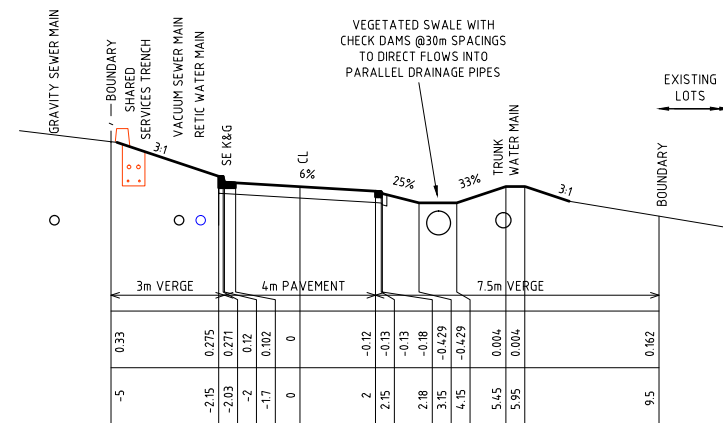
E2 SHARED PATHWAY (UPPER)
1:200 (NATURAL)



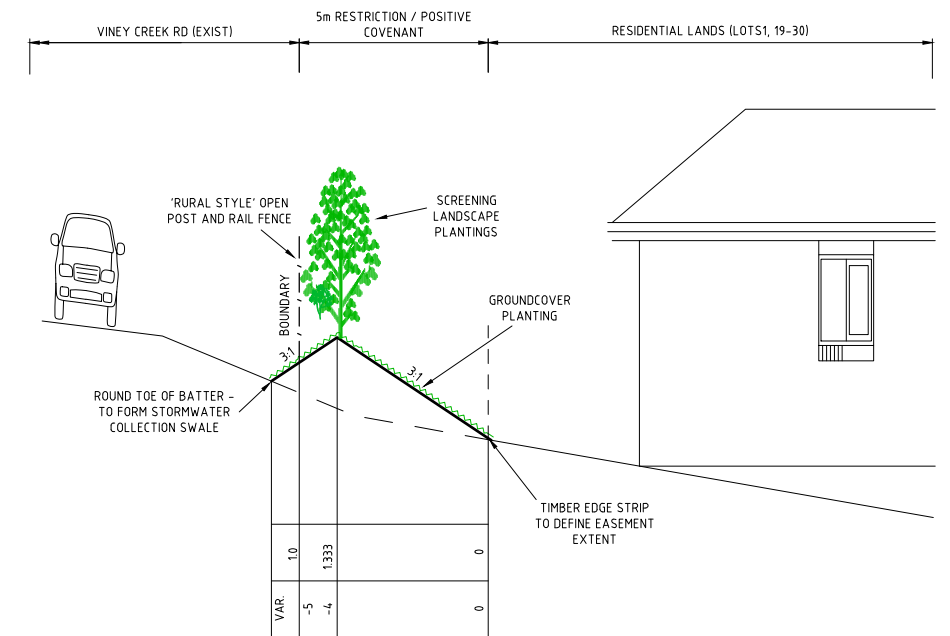
E2 SHARED PATHWAY (LOWER) - Ch 0-120
1:200 (NATURAL)



E2 SHARED PATHWAY (LOWER) - Ch 120-980
1:200 (NATURAL)



TYPICAL SECTION - FIRE TRAIL
1:200 (NATURAL)



VINEY CREEK RD 5m LANDSCAPE EASEMENT
1:200(V) 1:100(H)

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*

* Denote the original signature and date when revision was issued.

TATTERSALL
LANDER Pty Ltd
REVELOPMENT CONSULTANTS

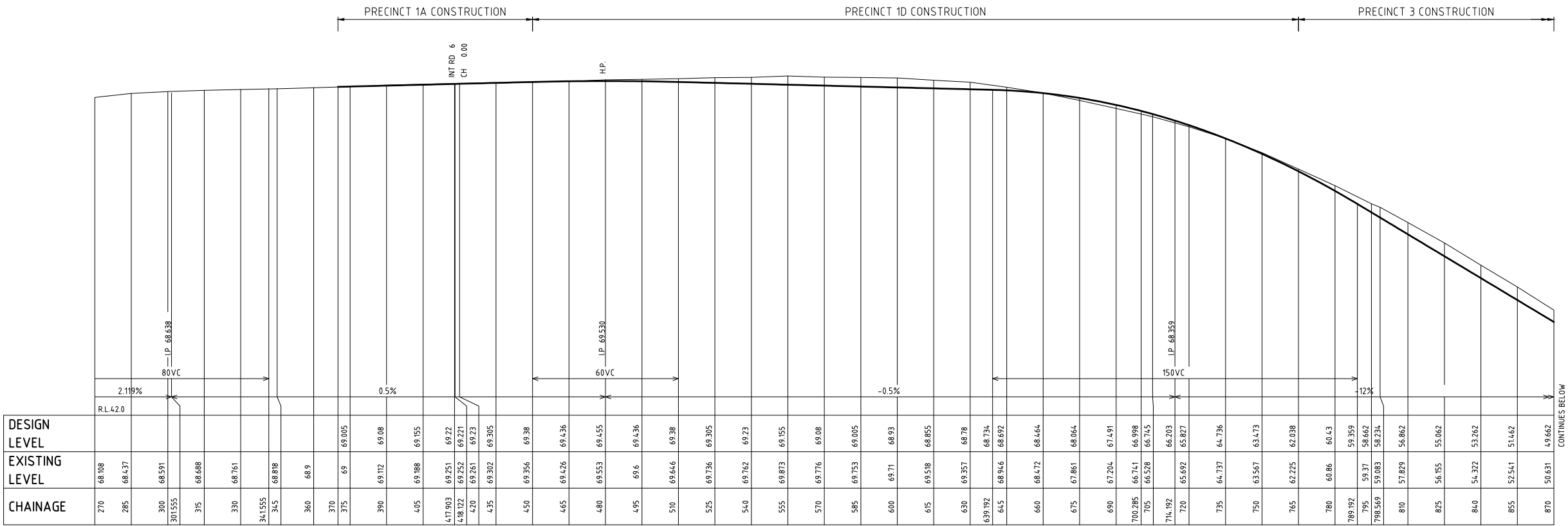


SCALE :
AS SHOWN

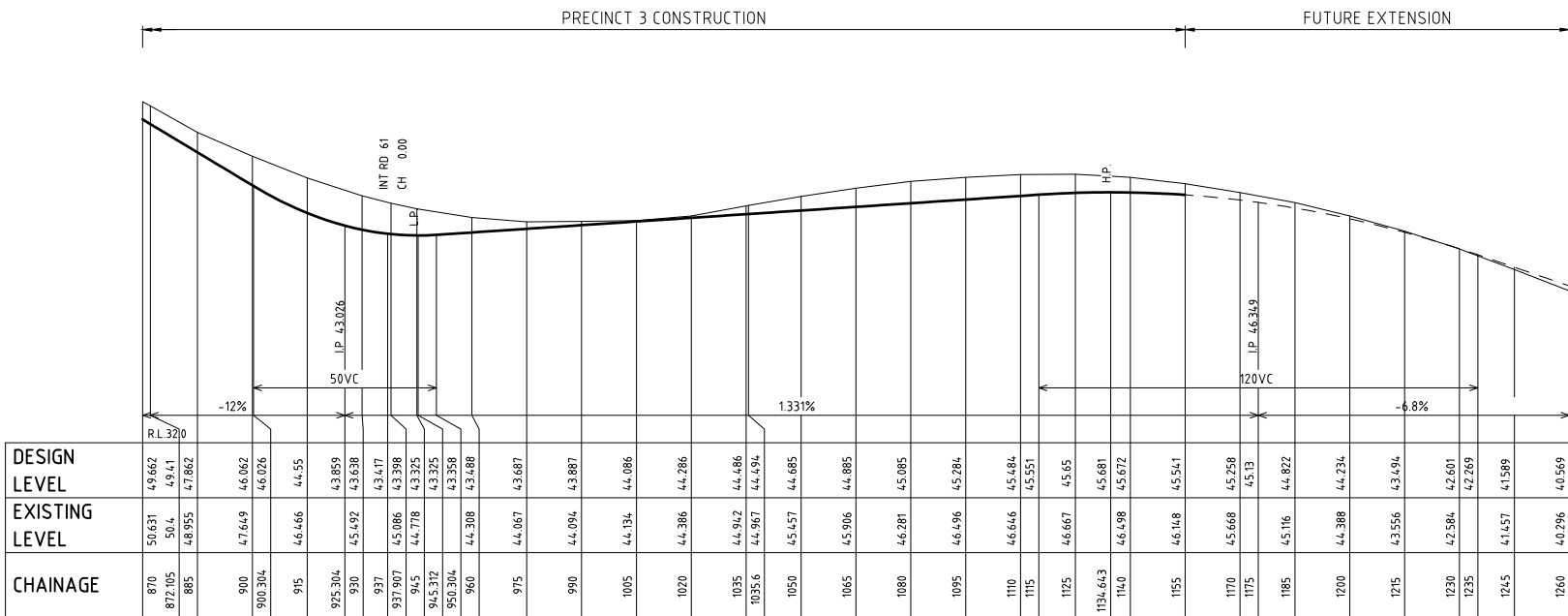
SHEET No. : 12
JOB No. : 217416

FILE : 21800048
DATE : Plotted 6/10/20 12:5PM
A3

COMPUTER FILE : S:\projects\North Shearwater\DWG\Precinct1-3 DA Design Plans.dwg



ROAD No. 1
H=1:2000 V=1:400



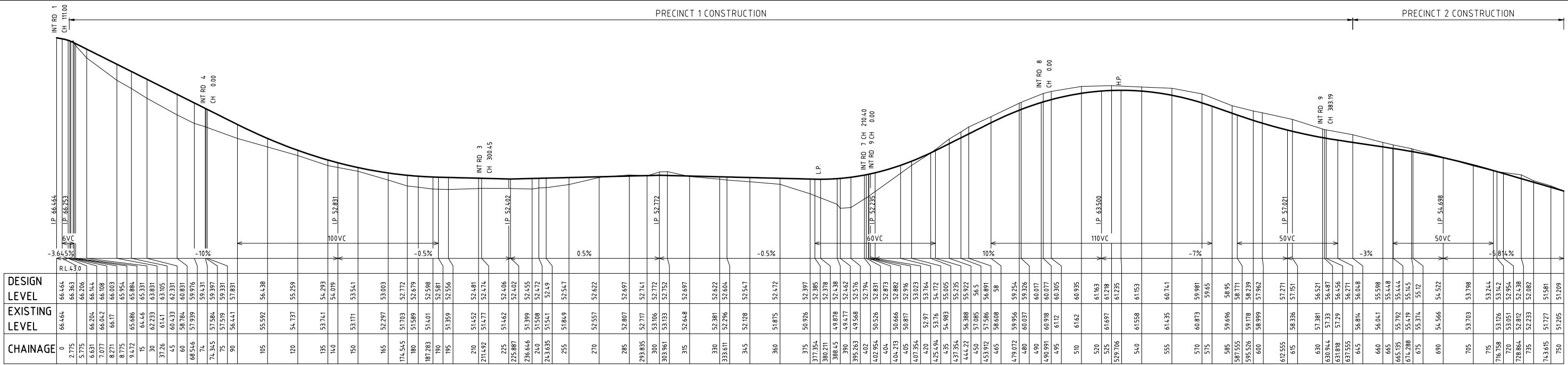
ROAD No. 1
H=1:2000 V=1:400

PRELIMINARY ROAD
LONGITUDINAL SECTIONS

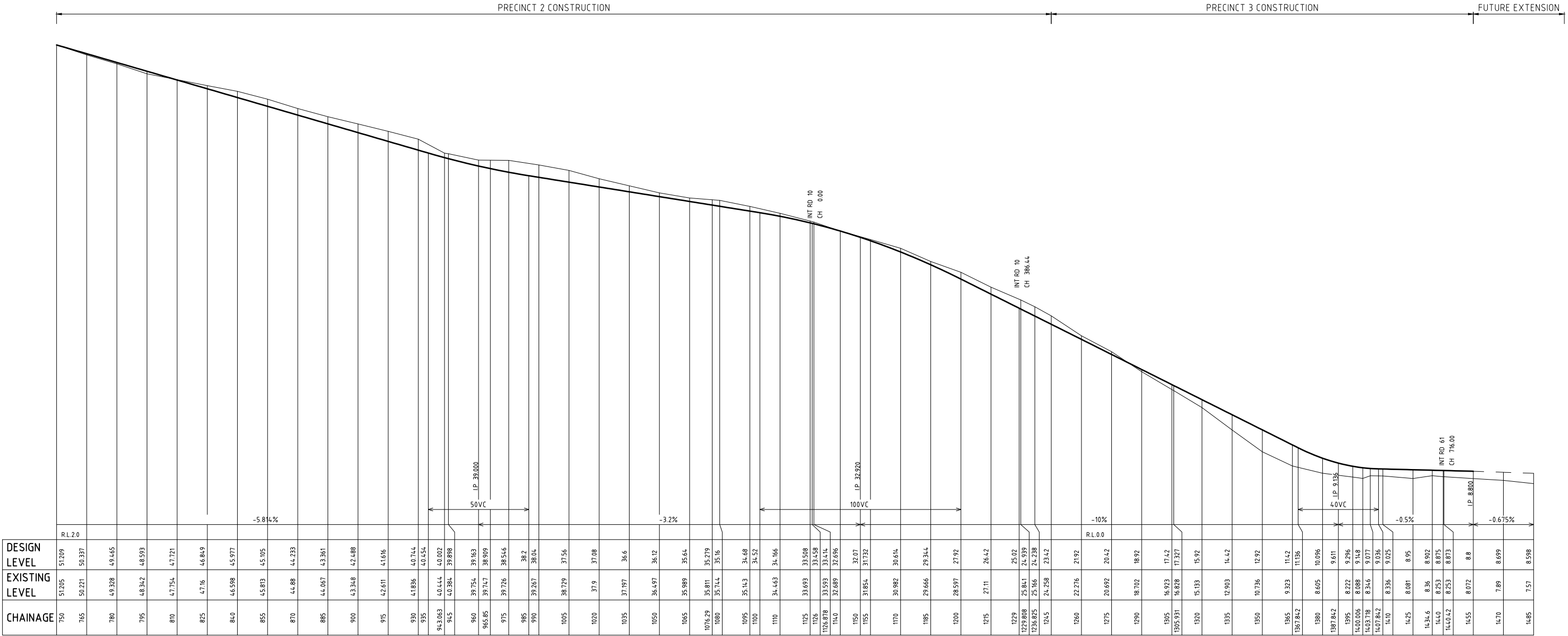
C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL
LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

SCALE :	SHEET No. :13	FILE : 21800049	SHEET SIZE
AS SHOWN	JOB No. : 217416	DATE : Plotted 6/10/20 12SPM	A3
COMPUTER FILE : S:\projects\North Shearwater\Dwg\Precinct1-3 DA Design Plans.dwg			



ROAD No. 2
H=1:2000 V=1:400



ROAD No. 2
H=1:2000 V=1:400

PRELIMINARY ROAD
LONGITUDINAL SECTIONS

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

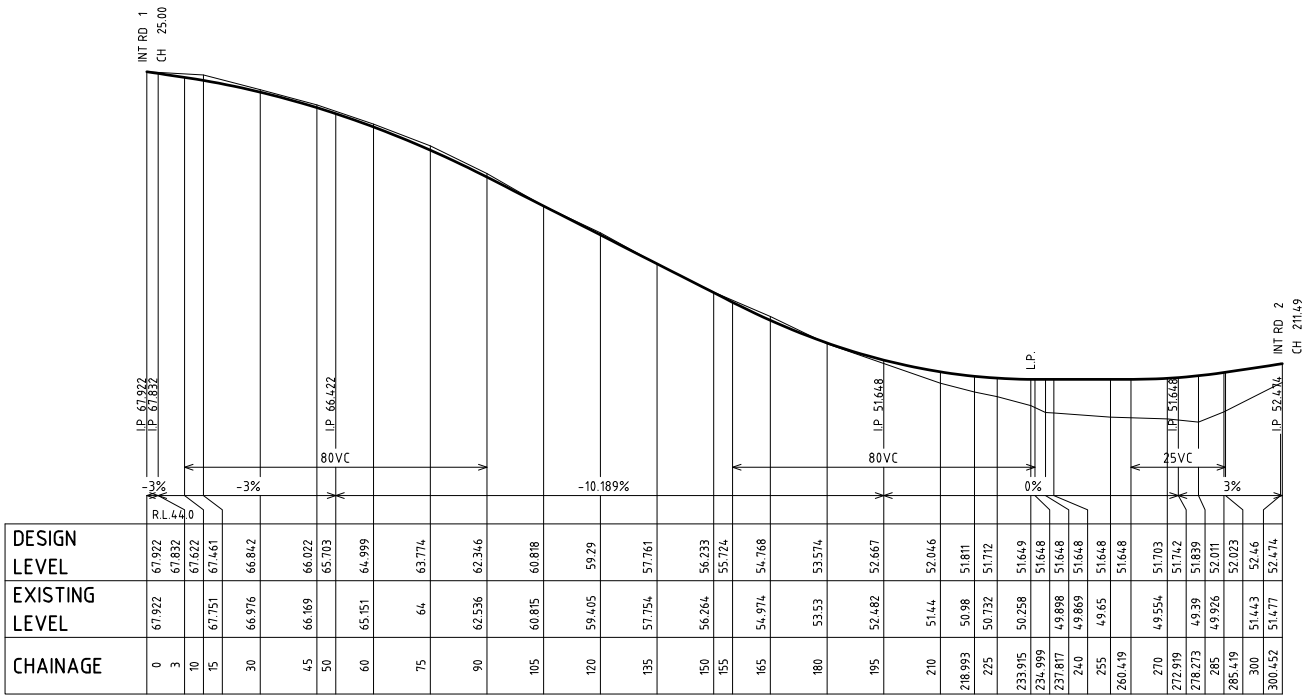
TATTERSALL
LANDER
Pty Ltd
DEVELOPMENT CONSULTANTS

SCALE :
AS SHOWN

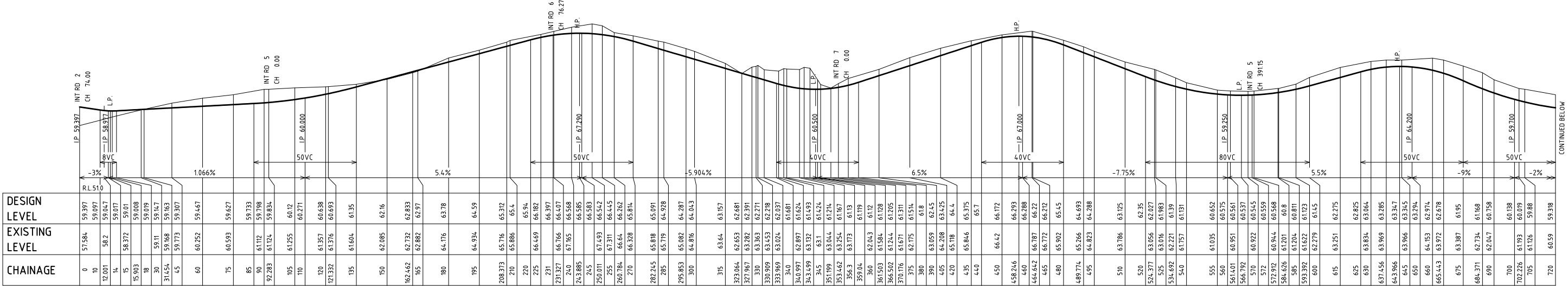
SHEET No. :14
JOB No. : 217416

FILE : 21800050
DATE : Plotted 6/10/20 1:25PM

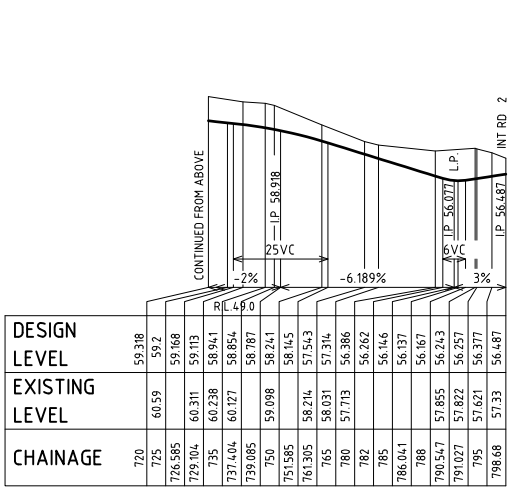
SHEET
SIZE
A3



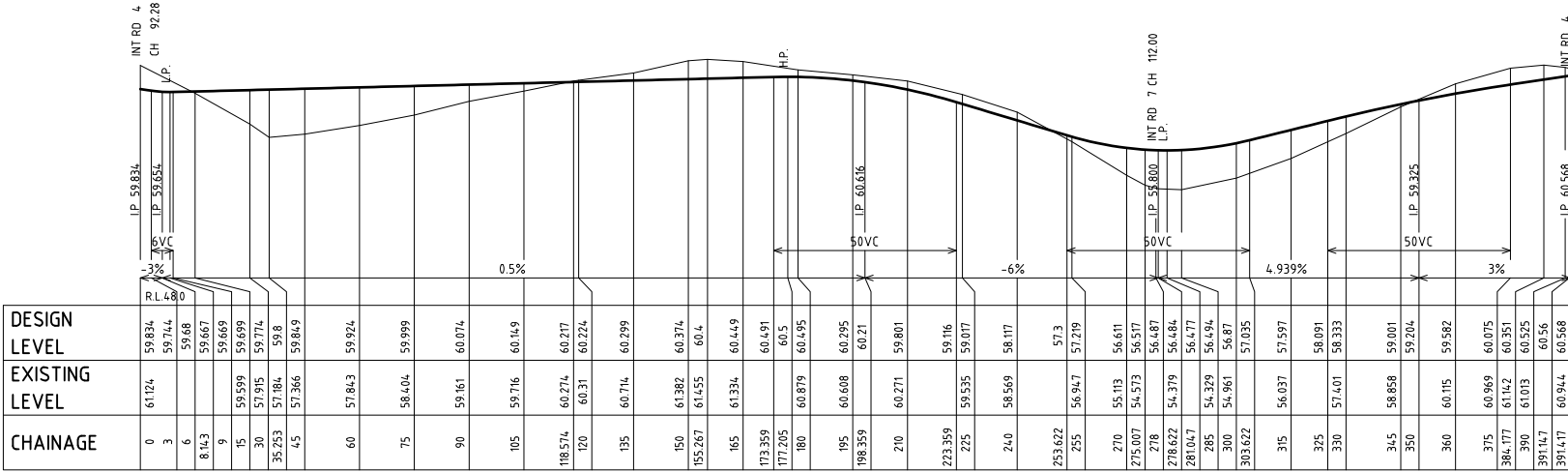
ROAD No. 3
H=1:2000 V=1:400



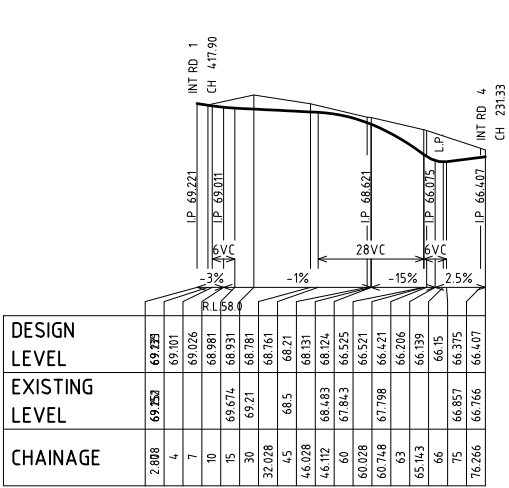
ROAD No. 4
H=1:2000 V=1:400



ROAD No. 4 (CONTINUED)
H=1:2000 V=1:400



ROAD No. 5
H=1:2000 V=1:400



ROAD No. 6
H=1:2000 V=1:400

PRELIMINARY ROAD
LONGITUDINAL SECTIONS

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL
LANDER
Pty Ltd
DEVELOPMENT CONSULTANTS



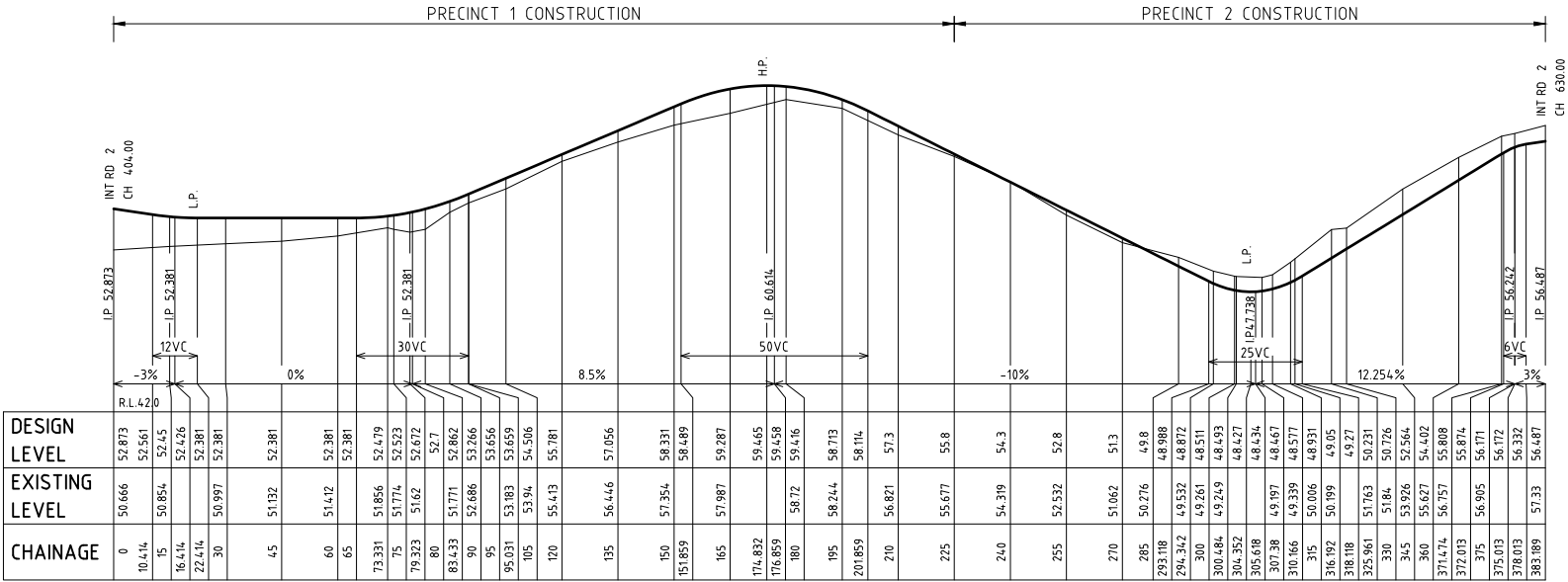
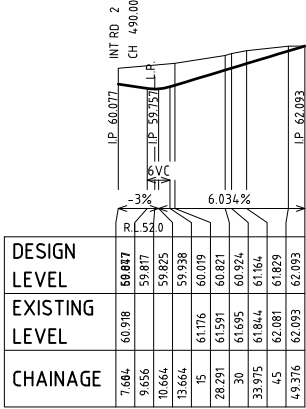
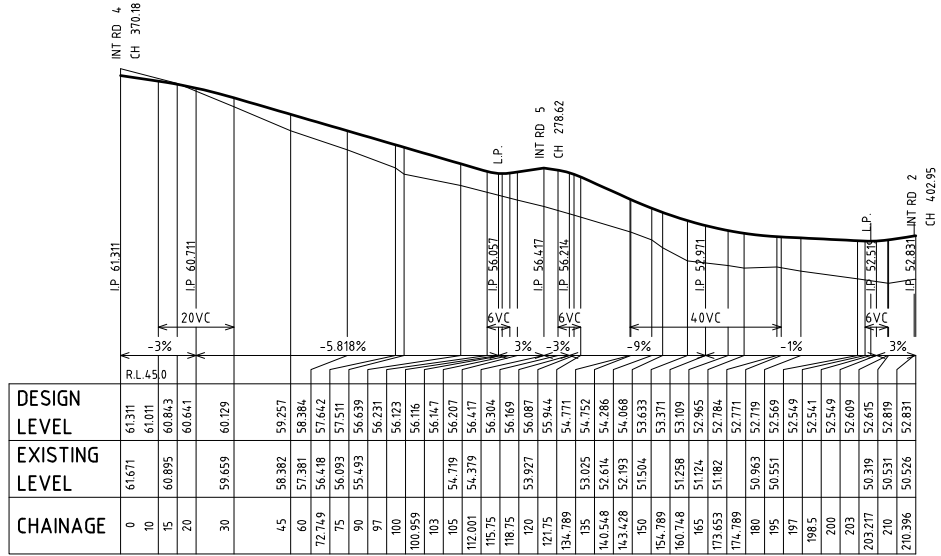
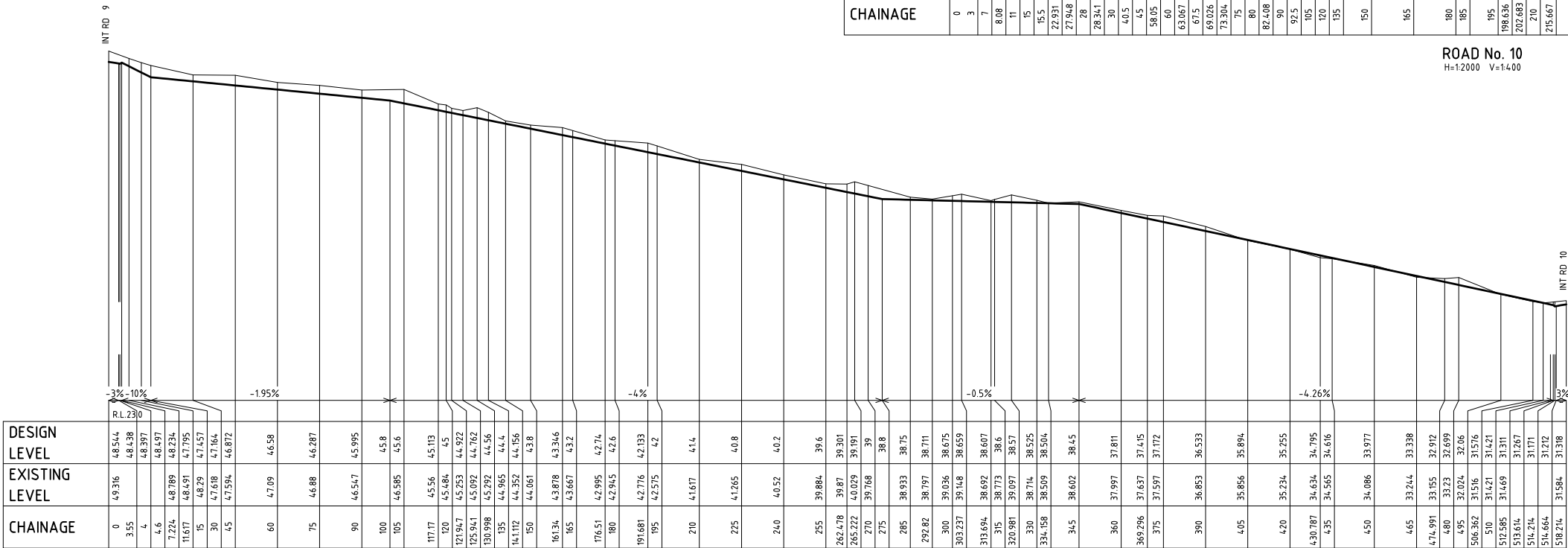
SCALE :
AS SHOWN

SHEET No. :15
JOB No. : 217416

FILE : 21800051
DATE : Plotted 6/10/20 12:59PM

SHEET
NO
A3

COMPUTER FILE : S:\projects\North Shearwater\Dwg\Precinct11-3 DA Design Plans.dwg



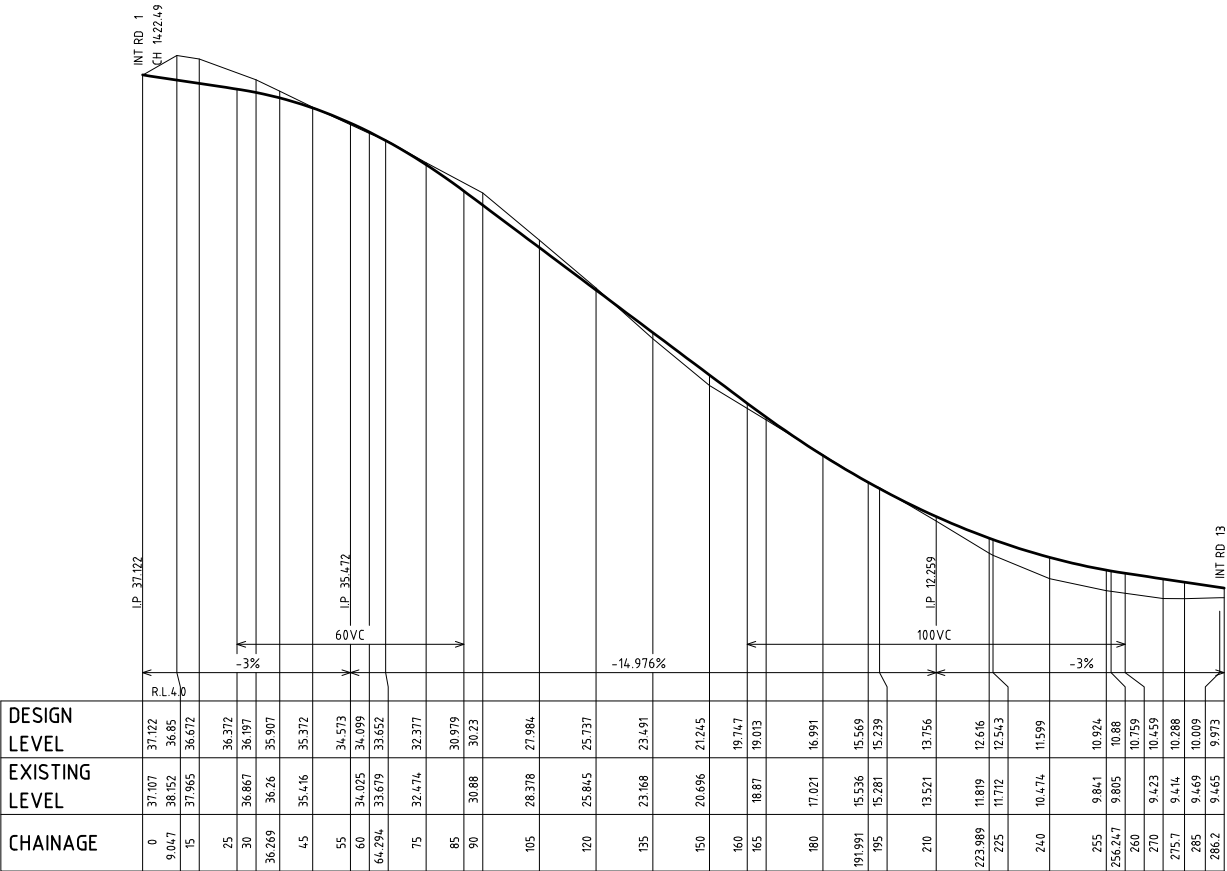
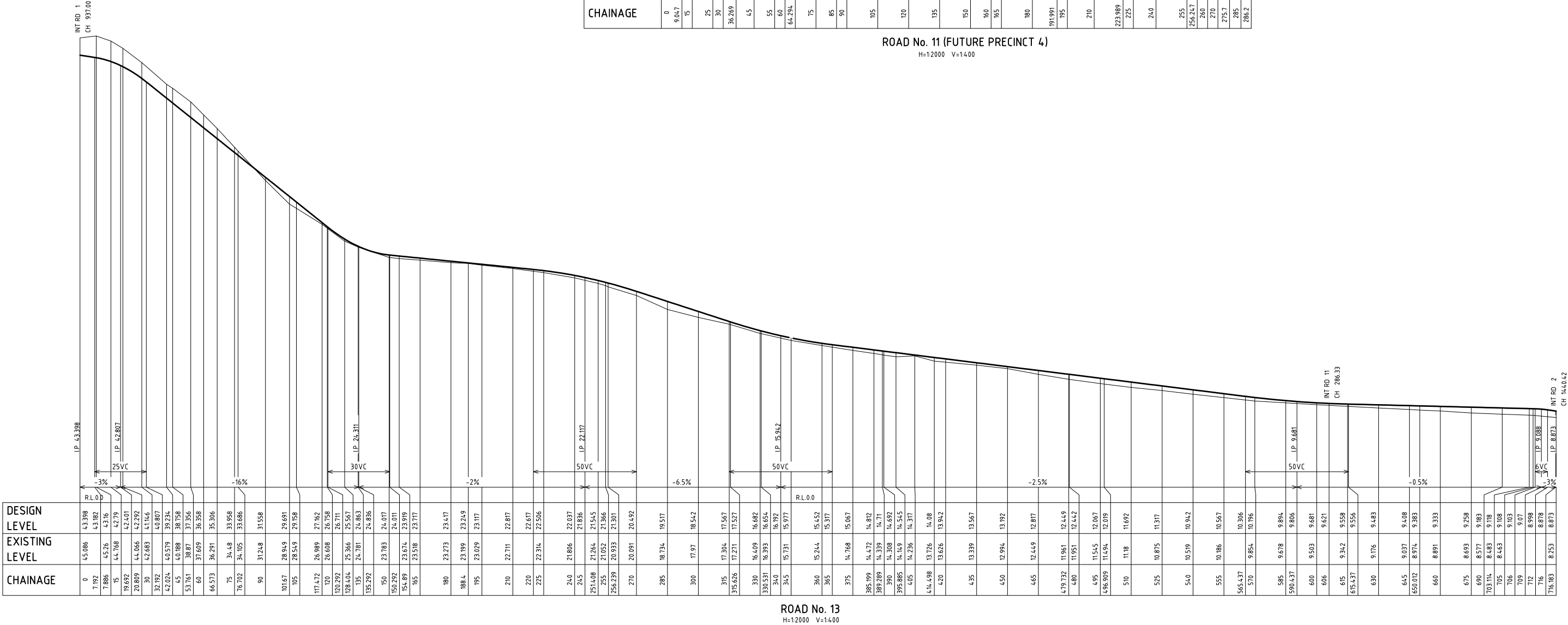
FIRE TRAIL
H=1:2000 V=1:400

PRELIMINARY ROAD
LONGITUDINAL SECTIONS

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*

TATTERSALL
LANDER
DEVELOPMENT CONSULTANTS

SCALE :	SHEET No. :16	FILE : 21800052	SHEET SIZE
AS SHOWN	JOB No. : 217416	DATE : Plotted 6/10/20 1:25PM	A3
COMPUTER FILE : S:\projects\North Shearwater\DWG\Precinct1-3 DA Design Plans.dwg			



DESIGN LEVEL	EXISTING LEVEL	CHAINAGE
45.086	43.398	0
45.26	43.16	7.192
45.26	43.16	15
44.768	42.79	19.692
44.066	42.292	20.809
44.066	42.292	30
44.066	42.292	32.192
44.066	42.292	45
44.066	42.292	60
44.066	42.292	66.573
44.066	42.292	75
44.066	42.292	76.702
44.066	42.292	90
44.066	42.292	101.67
44.066	42.292	105
44.066	42.292	117.472
44.066	42.292	120
44.066	42.292	120.292
44.066	42.292	128.404
44.066	42.292	135
44.066	42.292	135.292
44.066	42.292	150
44.066	42.292	150.292
44.066	42.292	154.89
44.066	42.292	165
44.066	42.292	180
44.066	42.292	188.4
44.066	42.292	195
44.066	42.292	210
44.066	42.292	220
44.066	42.292	225
44.066	42.292	240
44.066	42.292	245
44.066	42.292	251.08
44.066	42.292	255
44.066	42.292	256.239
44.066	42.292	270
44.066	42.292	285
44.066	42.292	300
44.066	42.292	315
44.066	42.292	315.626
44.066	42.292	330
44.066	42.292	330.531
44.066	42.292	340
44.066	42.292	345
44.066	42.292	360
44.066	42.292	385
44.066	42.292	375
44.066	42.292	385.199
44.066	42.292	389.289
44.066	42.292	390
44.066	42.292	395.885
44.066	42.292	405
44.066	42.292	414.498
44.066	42.292	420
44.066	42.292	435
44.066	42.292	450
44.066	42.292	465
44.066	42.292	479.732
44.066	42.292	480
44.066	42.292	495
44.066	42.292	496.909
44.066	42.292	510
44.066	42.292	525
44.066	42.292	540
44.066	42.292	555
44.066	42.292	565.437
44.066	42.292	570
44.066	42.292	585
44.066	42.292	590.437
44.066	42.292	600
44.066	42.292	606
44.066	42.292	615
44.066	42.292	615.437
44.066	42.292	630
44.066	42.292	645
44.066	42.292	650.072
44.066	42.292	660
44.066	42.292	675
44.066	42.292	690
44.066	42.292	703.114
44.066	42.292	706
44.066	42.292	709
44.066	42.292	712
44.066	42.292	716
44.066	42.292	716.83

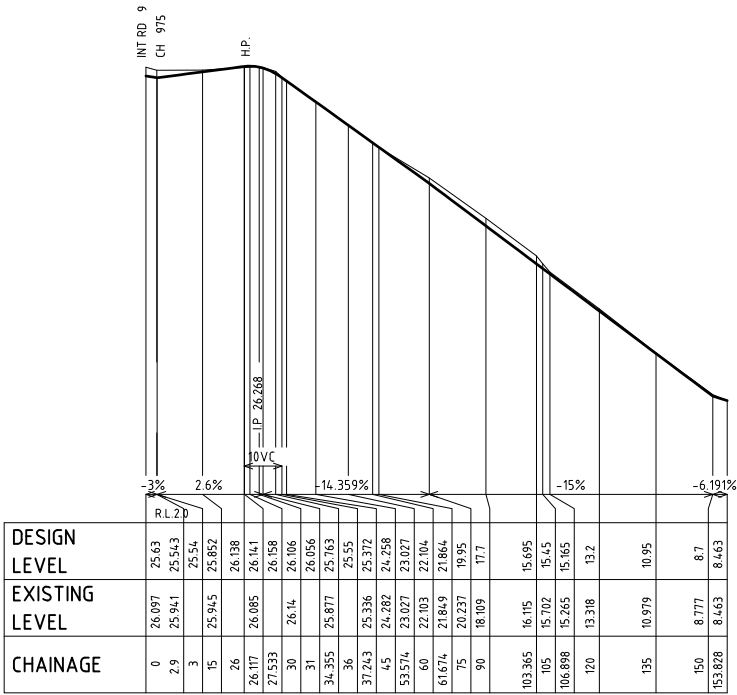
PRELIMINARY ROAD
LONGITUDINAL SECTIONS

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*

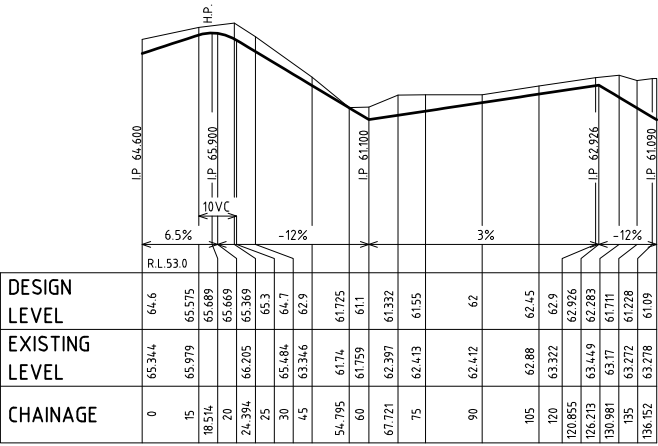
TATTERSALL
LANDER
REVELOPMENT CONSULTANTS

SCALE : AS SHOWN	SHEET No. :17 JOB No. : 217416	FILE : 21800053 DATE : Plotted 6/10/20 12:5PM	SHEET SIZE A3
---------------------	-----------------------------------	--	---------------------

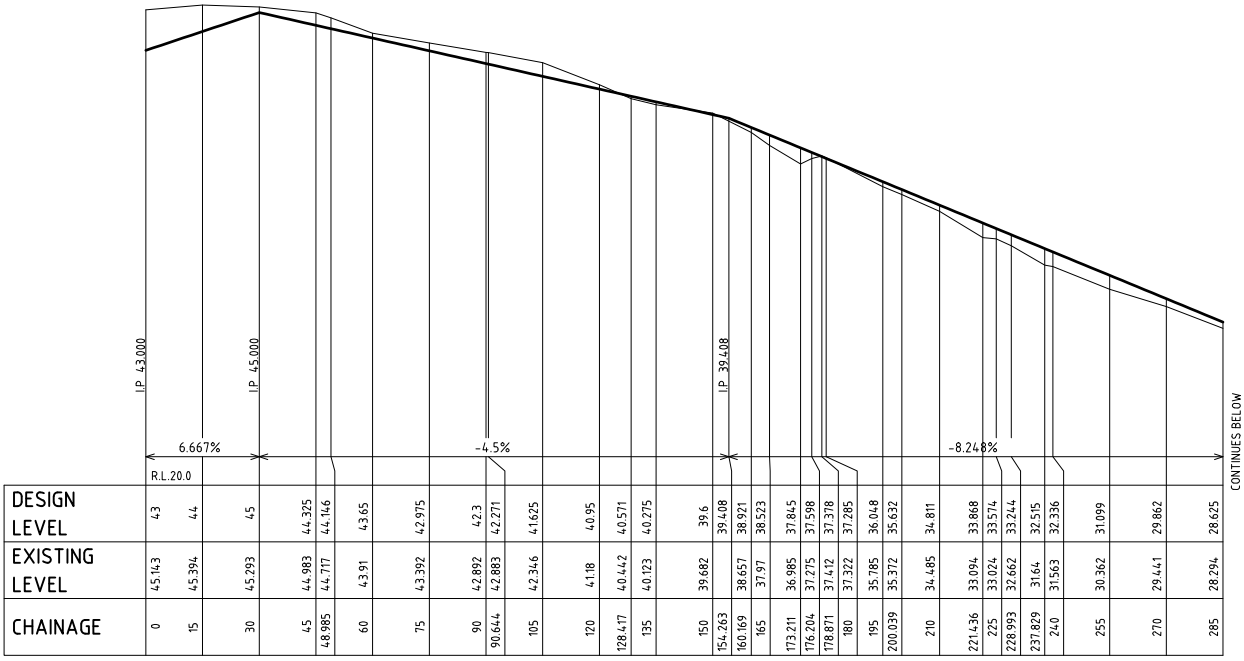
COMPUTER FILE : S:\projects\North Shearwater\Drawg\Precinct11-3 DA Design Plans.dwg



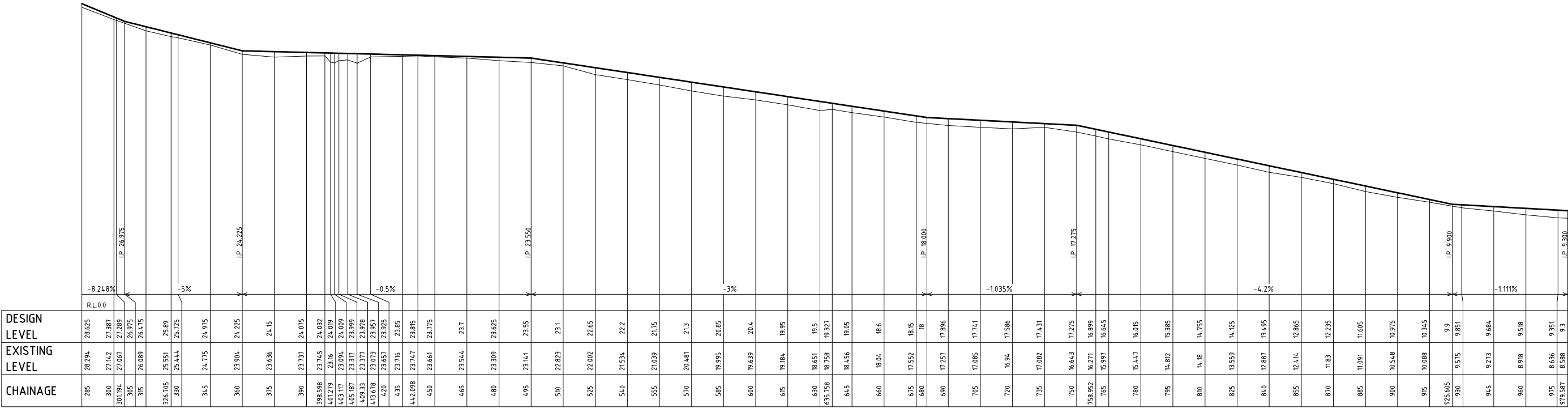
PRECINCT 2 -5 SERVICE ROAD (ROAD No. 14)
H=1:2000 V=1:400



E2 SHARED PATHWAY (UPPER)
H=1:2000 V=1:400



E2 SHARED PATHWAY (LOWER)
H=1:2000 V=1:400



E2 SHARED PATHWAY (LOWER)
H=1:2000 V=1:400

LONGITUDINAL SECTIONS

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL
LANDER
Pty Ltd
DEVELOPMENT CONSULTANTS



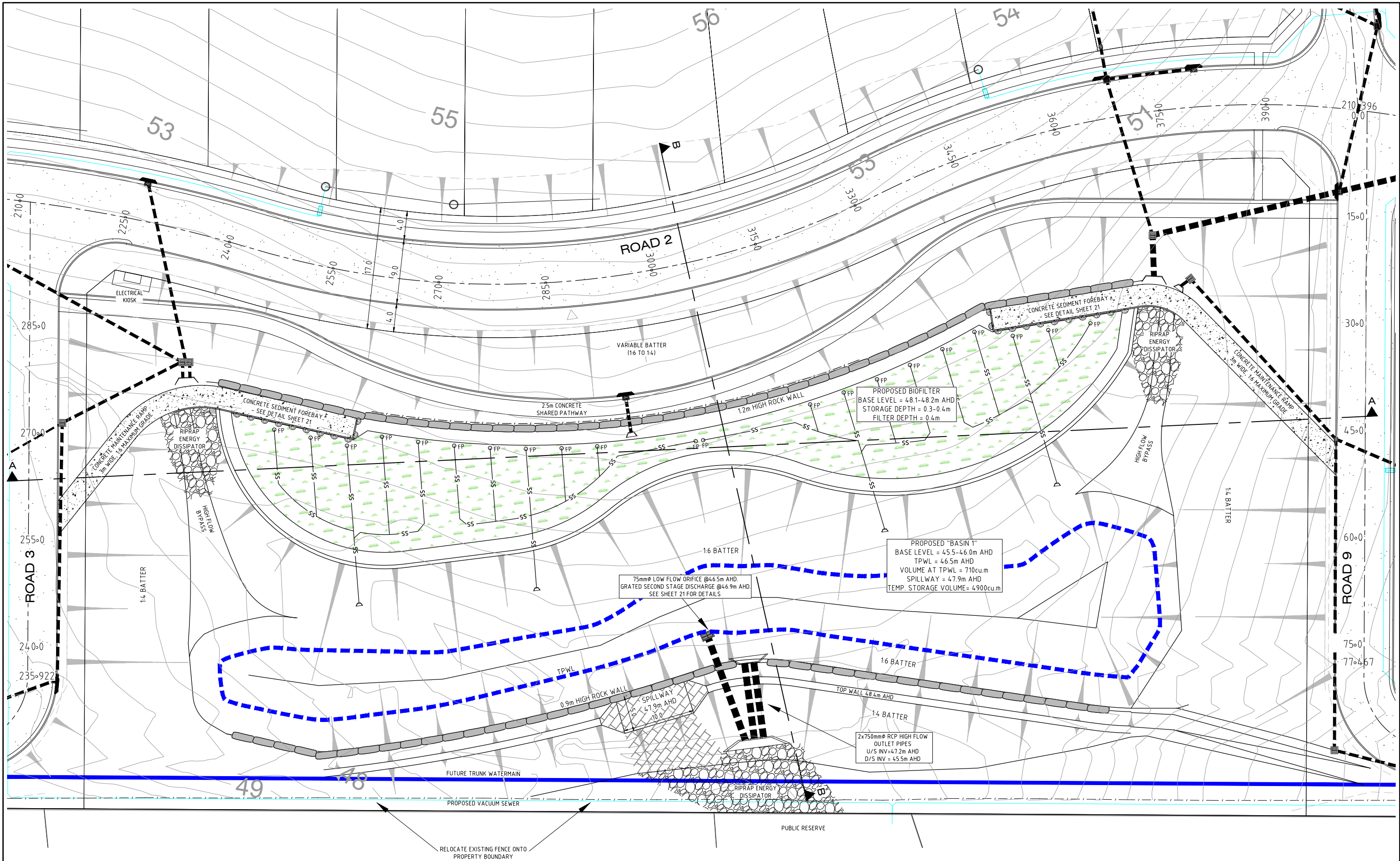
SCALE :
AS SHOWN

SHEET No. :18
JOB No. : 217416

FILE : 21800054
DATE : Plotted 6/10/20 1:25PM

SHEET
SIZE
A3

COMPUTER FILE : S:\projects\North Shearwater\Drawg\Precinct11-3 DA Design Plans.dwg



PRECINCT 1 BASIN DETAIL PLAN

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL LANDER
Pty Ltd
DEVELOPMENT CONSULTANTS



SCALE : 1:500 for A3 Size Plot

SHEET No. : 19

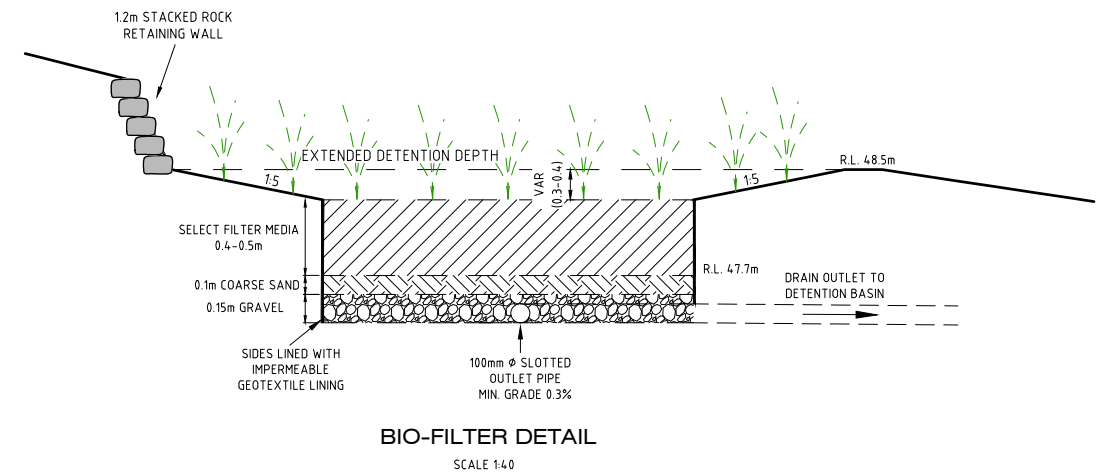
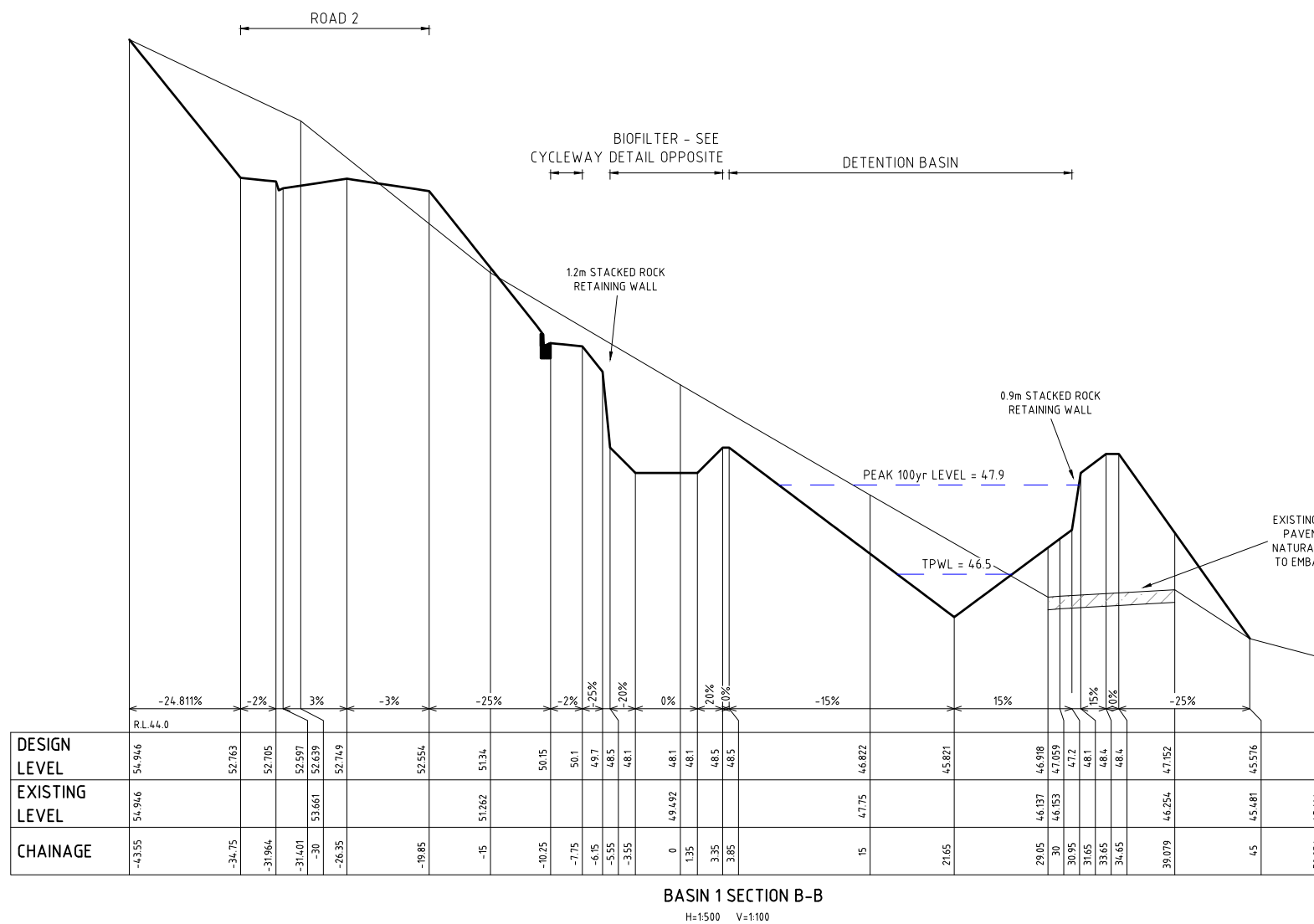
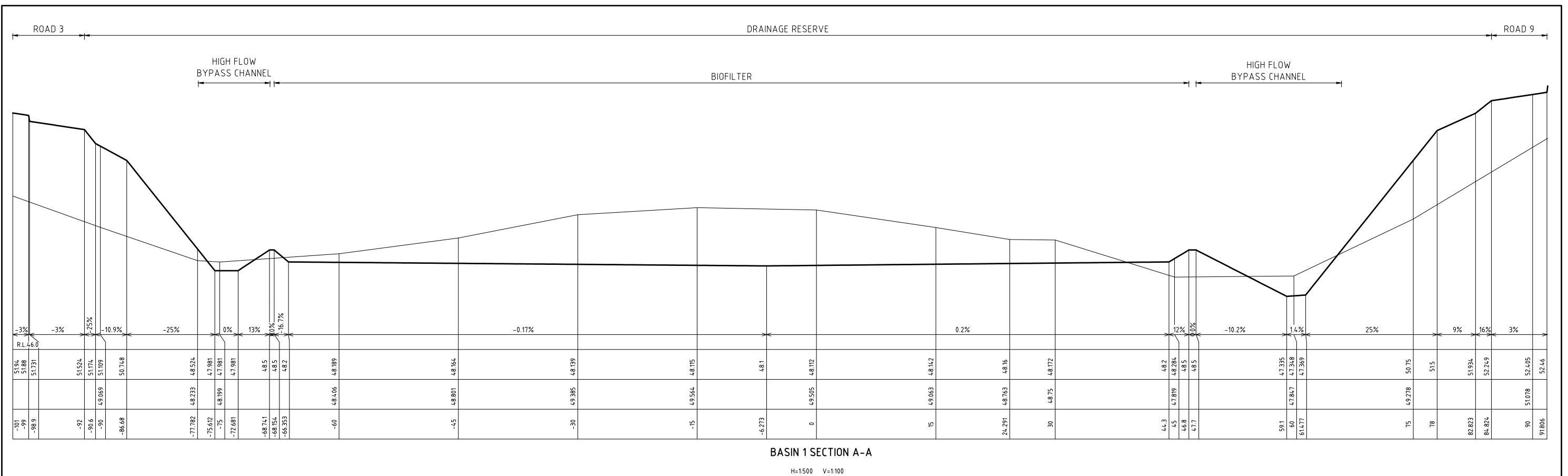
FILE : 21800055

JOB No. : 217416

DATE : Plotted 6/10/20 12:5PM

SHEET SIZE
A3

COMPUTER FILE : S:\projects\North Shearwater\DWG\Precinct1-3 DA Design Plans.dwg



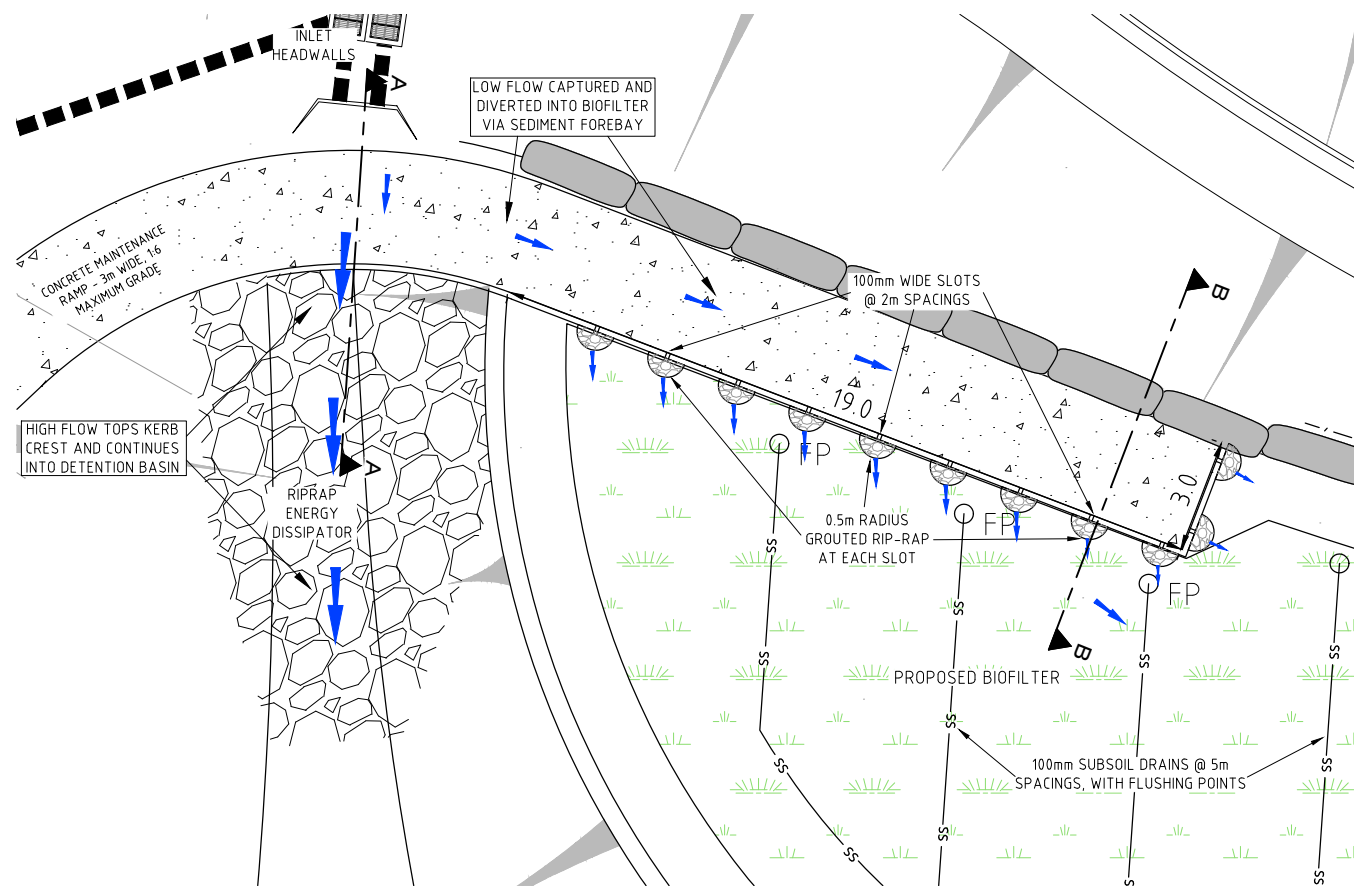
PRECINCT 1 BASIN SECTIONS

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL
LANDER
Pty Ltd
CONSULTANTS



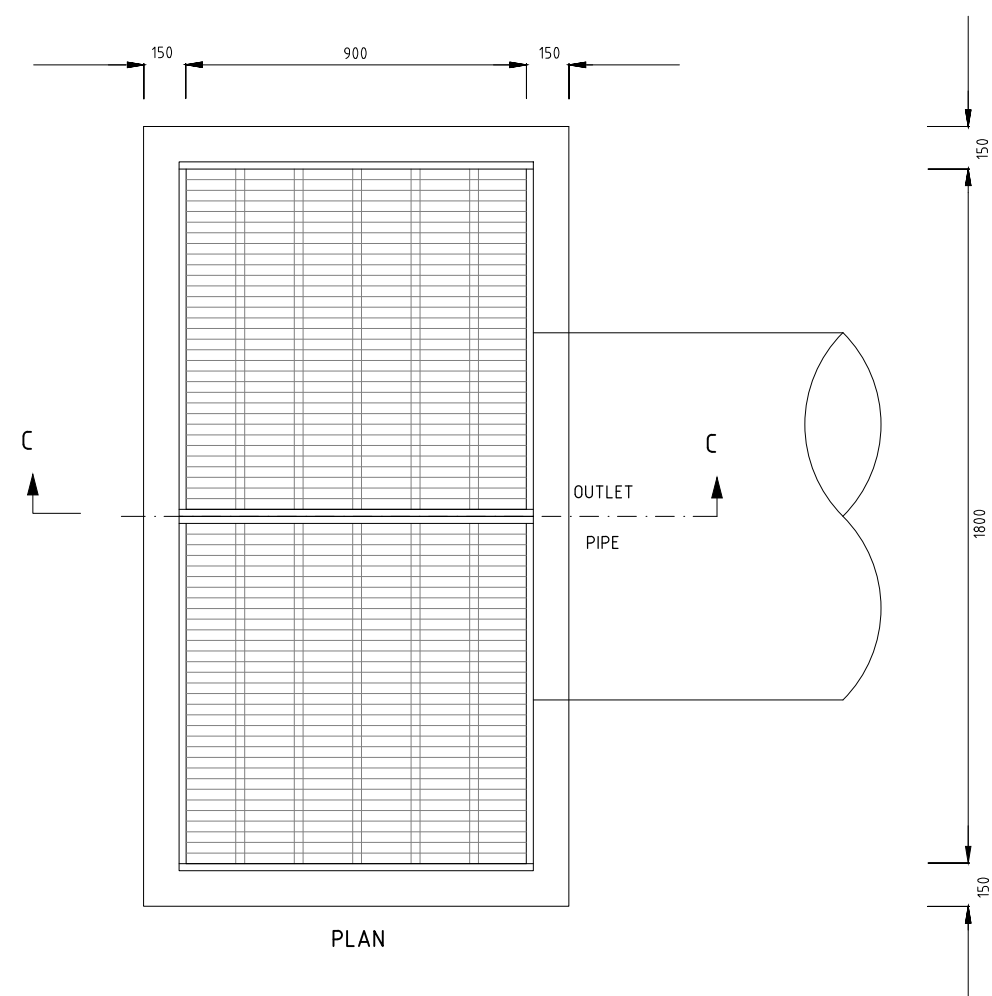
SCALE :	SHEET No. :20	FILE : 21800056	SHEET SIZE
AS SHOWN	JOB No. : 217416	DATE : Plotted 6/10/20 12:5PM	A3
COMPUTER FILE : S:\projects\North Shearwater\Drawings\Precinct1-3 DA Design Plans.dwg			



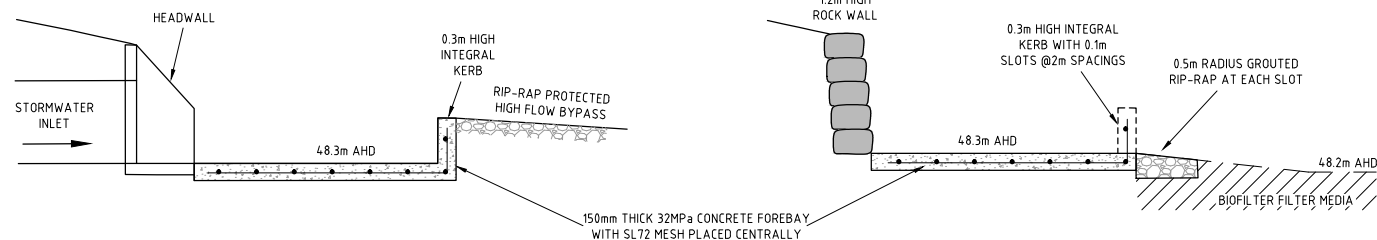
BASIN OUTLET STRUCTURE

NOT TO SCALE

ADOPTED FROM LAKE MACQUARIE CITY COUNCIL STANDARD EGSD-422



PLAN

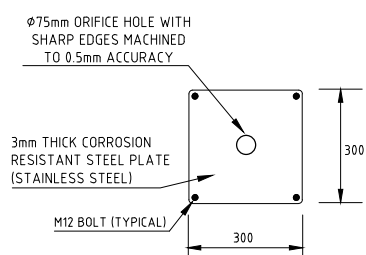


SECTION A-A

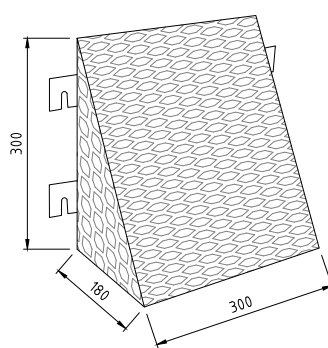
NOT TO SCALE

SECTION B-B

NOT TO SCALE



ORIFICE PLATE DETAILS

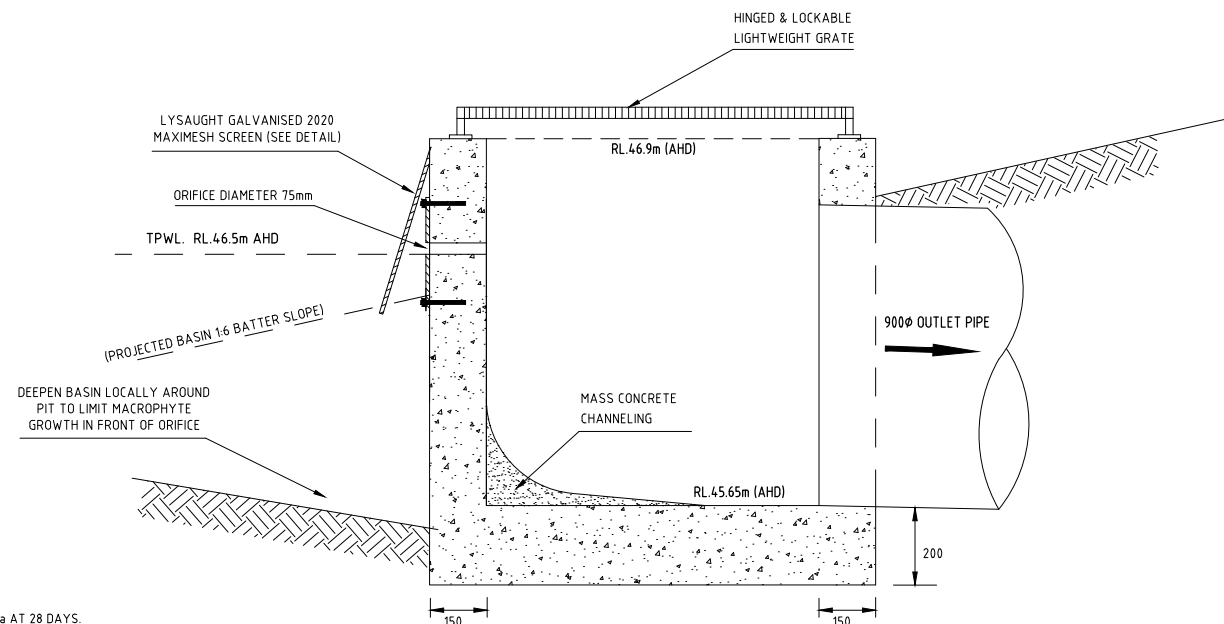


TYPICAL MAXIMESH SCREEN DETAIL

NOT TO SCALE

CONCRETE AND STEEL NOTES

1. COMPRESSIVE STRENGTH OF CONCRETE TO BE F_c 40MPa AT 28 DAYS.
2. MINIMUM COVER OF CONCRETE OVER REINFORCEMENT TO BE 70mm.
3. MAXIMESH SCREEN MUST BE PLACED SO THAT THE LONG AXIS OF THE OVAL SHAPED HOLES ARE HORIZONTAL WITH THE PROTRUDING LIP ANGLED UPWARDS & FACING DOWNSTREAM.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED OTHERWISE
5. ALL STEEL WORK TO BE HOT - DIPPED GALVANIZED AFTER FABRICATION.
6. ALL BOLTS/ANCHORS SET IN CONCRETE SHALL BE STAINLESS STEEL.
7. ALL WELDS TO BE 6mm FILLETS UNLESS SPECIFIED OTHERWISE.
8. MINIMUM BOLT SIZE TO BE M16
9. MINIMUM THICKNESS OF CONCRETE WALLS TO BE 150mm.
10. ALL INTERNAL SURFACES TO BE STEEL FLOAT FINISH.



SECTION C-C

**MODIFIED RM11A GRATED SURFACE INLET PIT
BASIN OUTLET STRUCTURE**

NOT TO SCALE

(ALL OTHER DETAILS PER RM.11 TYPE A)

PRECINCT 1 BASIN DETAILS

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

**TATTERSALL
LANDER** Pty Ltd
DEVELOPMENT CONSULTANTS

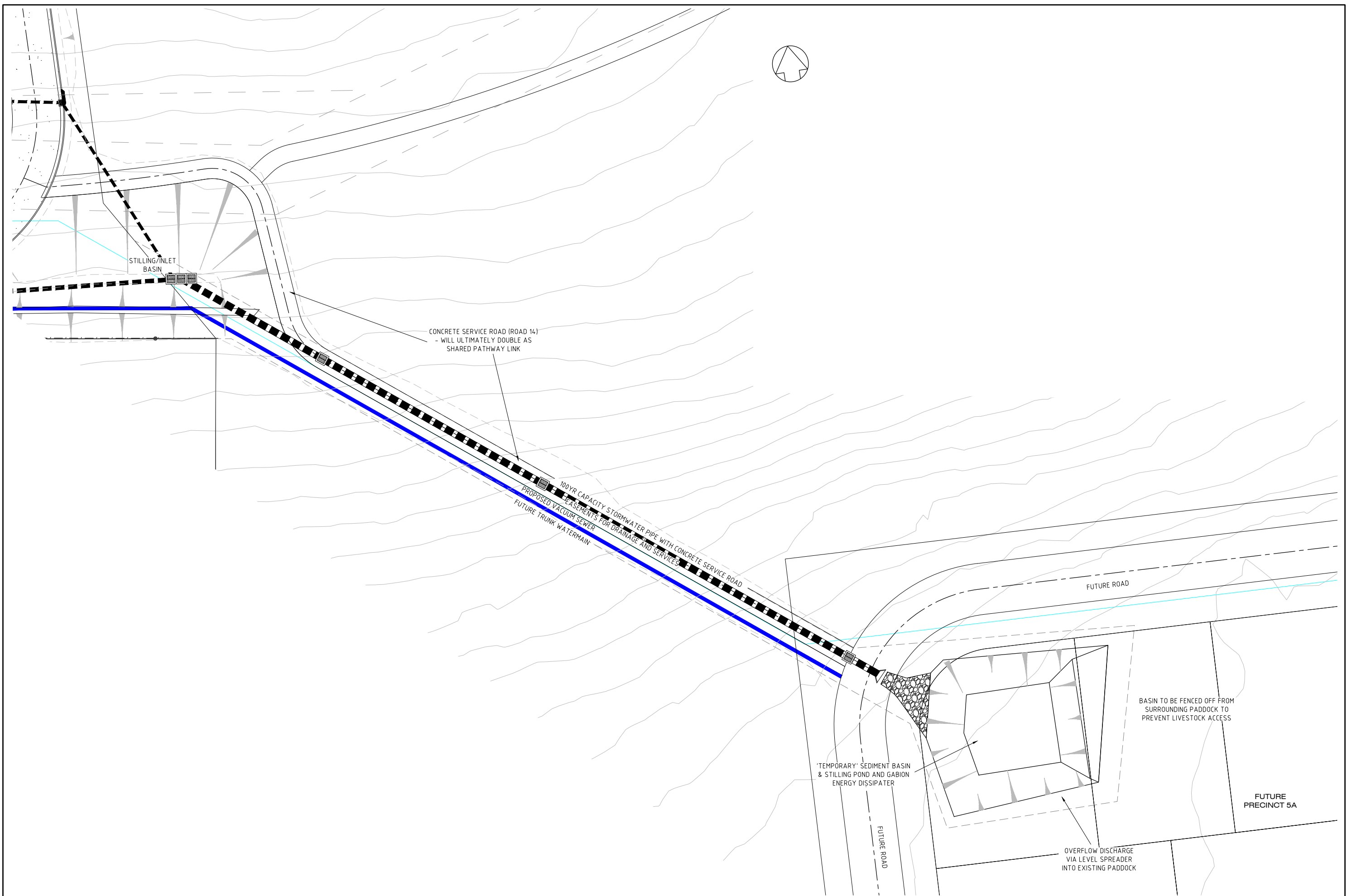
SCALE :
AS SHOWN

SHEET No. : 21
JOB No. : 217416

FILE : 21800057
DATE : Plotted 6/10/20 1:25PM

SHEET
SIZE
A3

COMPUTER FILE : S:\projects\North Shearwater\DWG\Precinct1-3 DA Design Plans.dwg



PRECINCT 2 BASIN DETAIL PLAN

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL
LANDER Pty Ltd
DEVELOPMENT CONSULTANTS



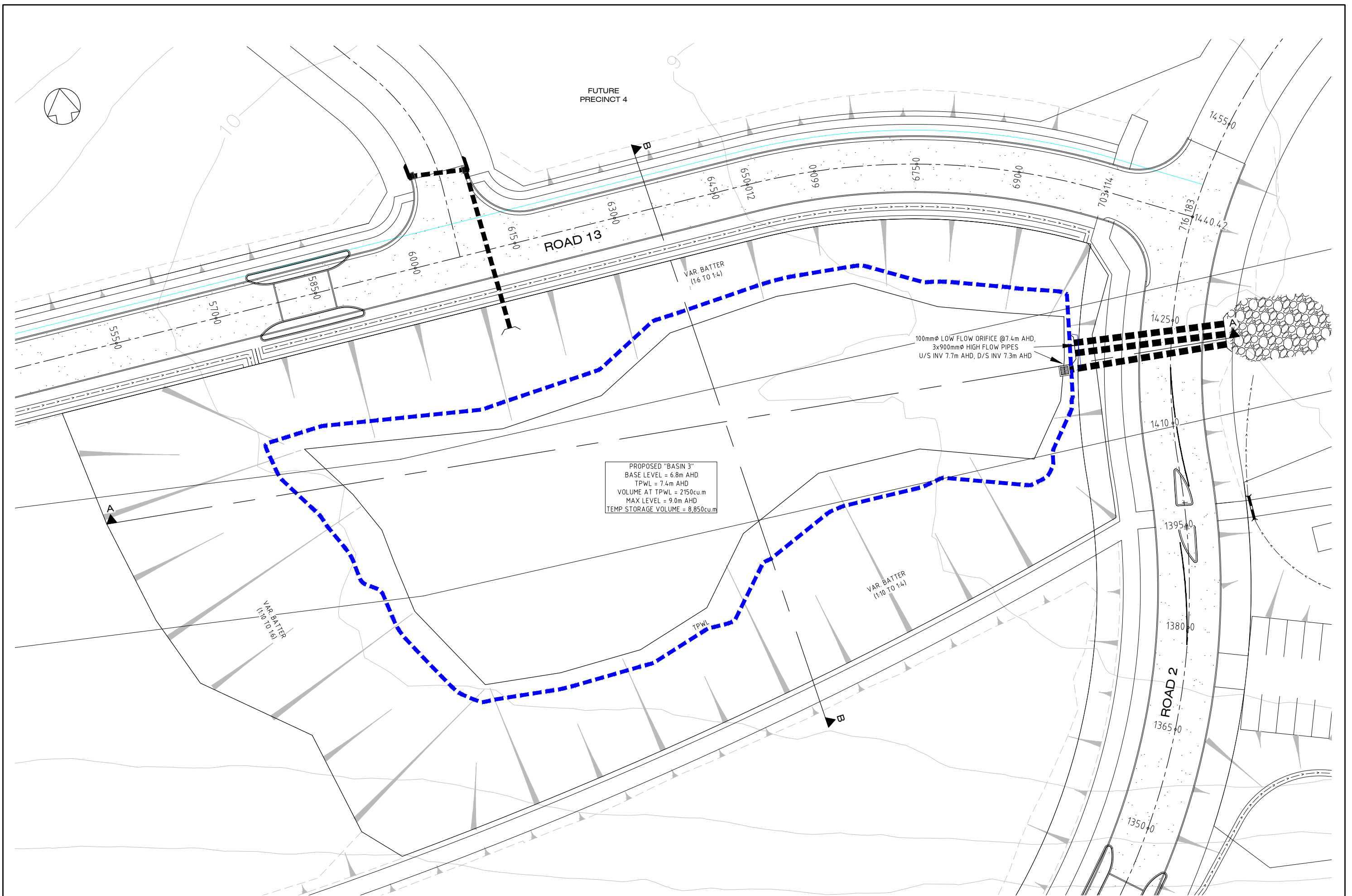
SCALE : 1:1000 for A3 Size Plot

SHEET No. : 22
JOB No. : 217416

FILE : 21800058
DATE : Plotted 6/10/20 12:5PM

SHEET
SIZE
A3

COMPUTER FILE : S:\projects\North Shearwater\Drawg\Precinct11-3 DA Design Plans.dwg



PRECINCT 3 BASIN DETAIL PLAN

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL
LANDER Pty Ltd
DEVELOPMENT CONSULTANTS



SCALE : 1:500 (for A3 Size Plot)

SHEET No. : 23

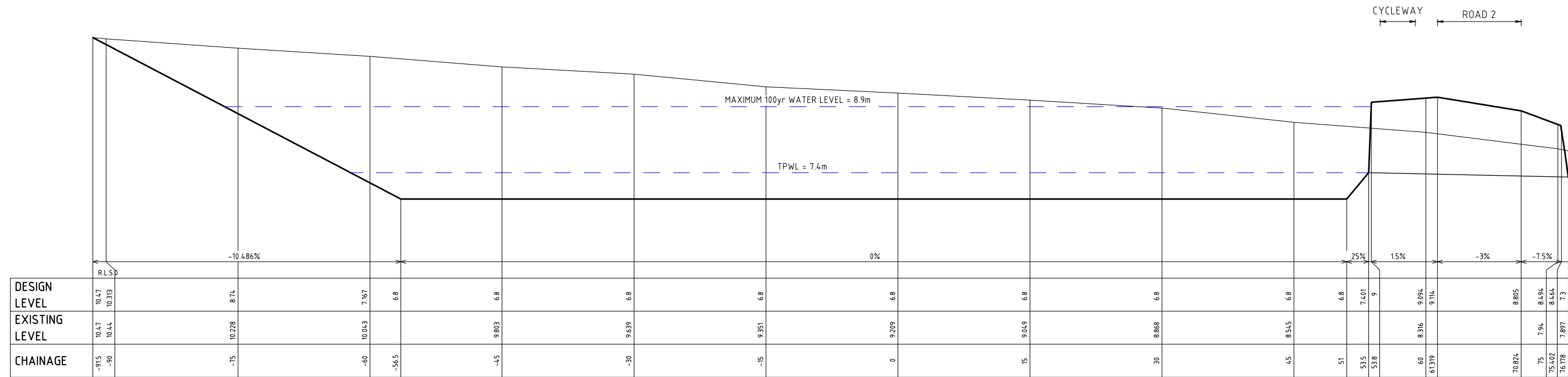
FILE : 21800059

JOB No. : 217416

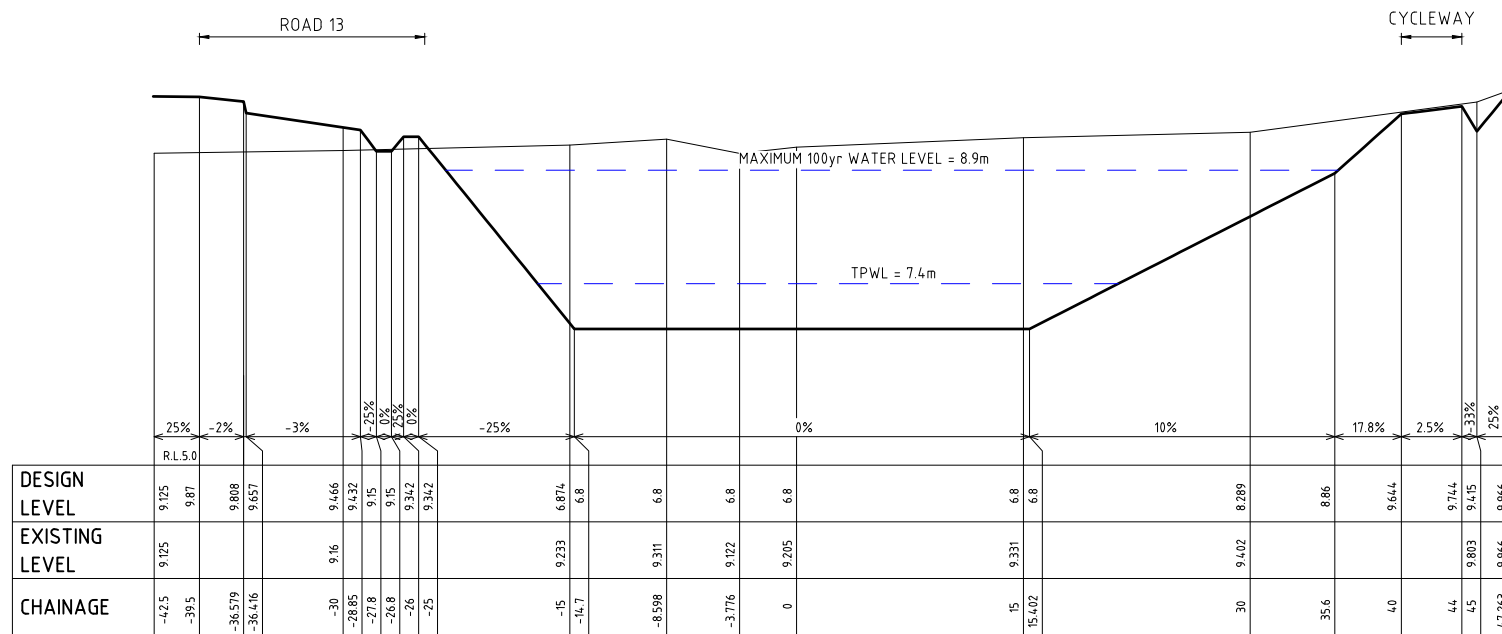
DATE : Plotted 6/10/20 12:5PM

SHEET
SIZE
A3

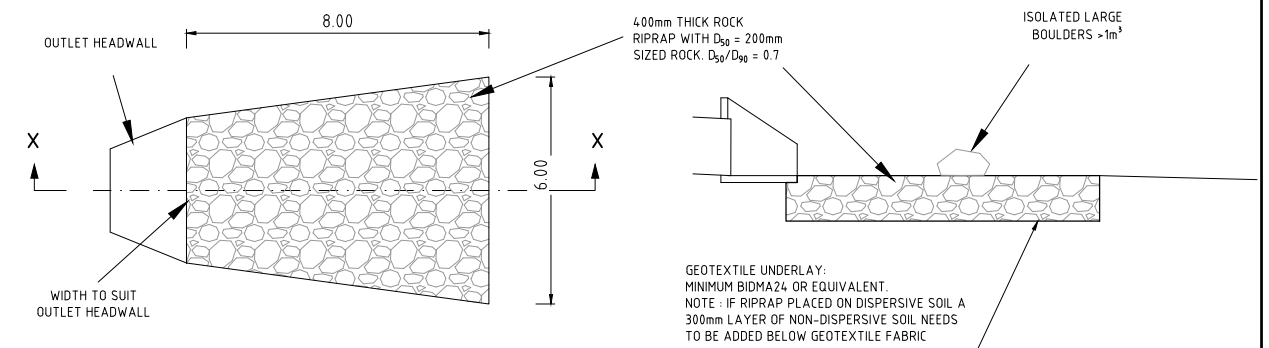
COMPUTER FILE : S:\projects\North Shearwater\DWG\Precinct11-3 DA Design Plans.dwg



BASIN 3 SECTION A-A
H=1:500 V=1:100



BASIN 3 SECTION B-B
H=1:500 V=1:100



PLAN

SECTION X-X

RIP RAP ENERGY DISSIPATION STRUCTURES
NOT TO SCALE

PRECINCT 3 BASIN DETAILS

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL
LANDER Pty Ltd
DEVELOPMENT CONSULTANTS



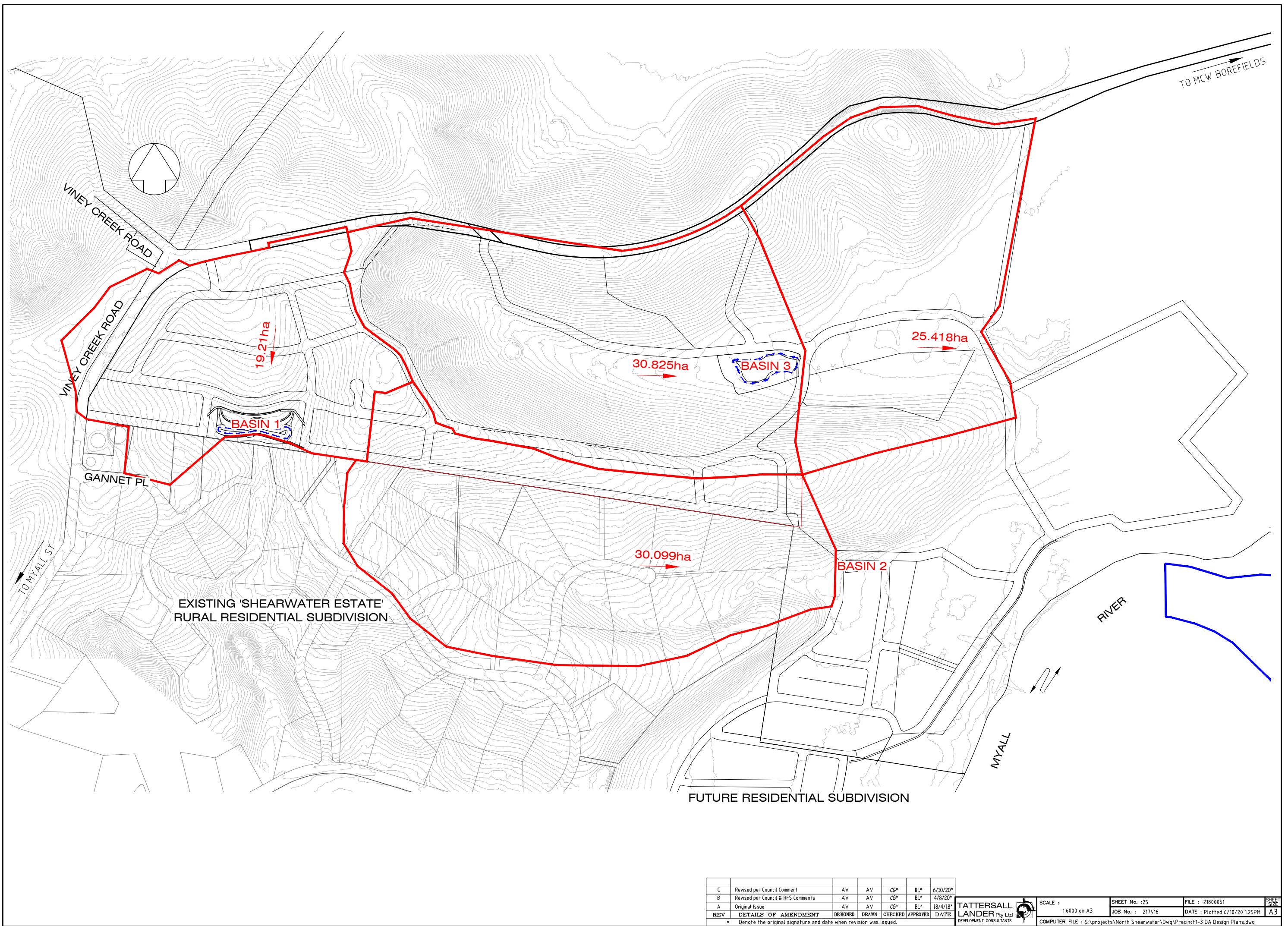
SCALE :
AS SHOWN

SHEET No. : 24
JOB No. : 217416

FILE : 21800060
DATE : Plotted 6/10/20 1:25PM

SHEET
SIZE
A3

COMPUTER FILE : S:\projects\North Shearwater\DWG\Precinct1-3 DA Design Plans.dwg

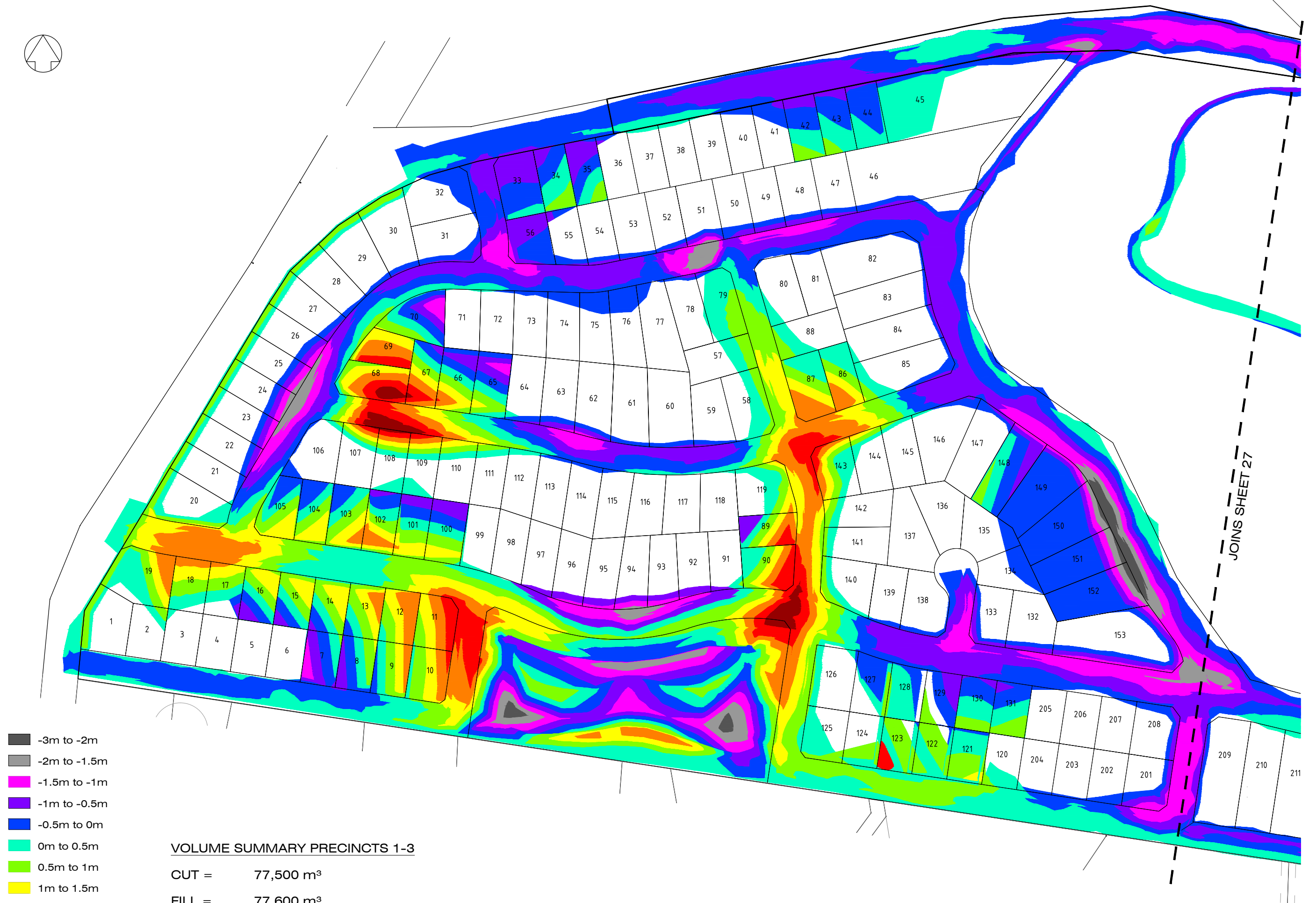


C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

SCALE :
1:6000 on A3

SHEET No. : 25	FILE : 21800061	SHEET SIZE : A3
JOB No. : 217416	DATE : Plotted 6/10/20 12:5PM	
COMPUTER FILE : S:\projects\North Shearwater\Dwg\Precinct11-3 DA Design Plans.dwg		



- 3m to -2m
- 2m to -1.5m
- 1.5m to -1m
- 1m to -0.5m
- 0.5m to 0m
- 0m to 0.5m
- 0.5m to 1m
- 1m to 1.5m
- 1.5m to 2m
- 2m to 2.5m
- 2.5m to 3m

VOLUME SUMMARY PRECINCTS 1-3

CUT = 77,500 m³
FILL = 77,600 m³
SELECT IMPORT = 17,000 m³
NET = 16,900 m³ EXCESS

PRECINCT 1 EARTHWORKS CUT-FILL PLAN

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

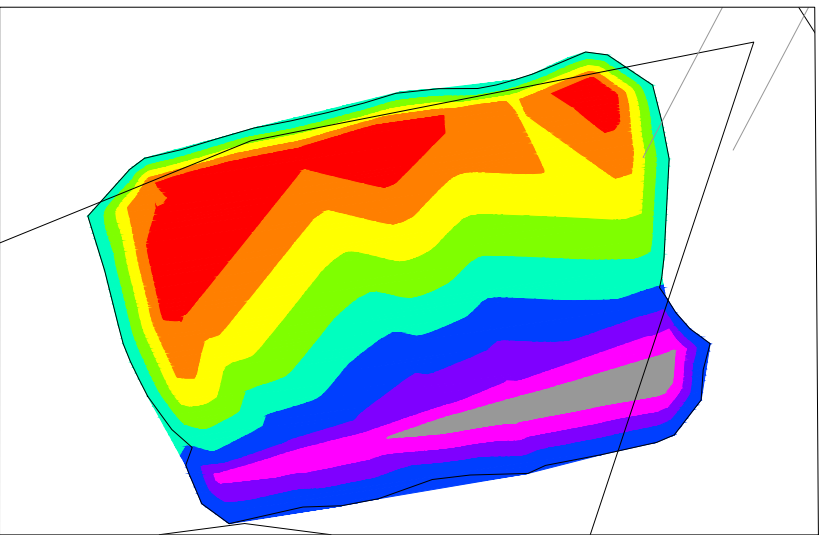
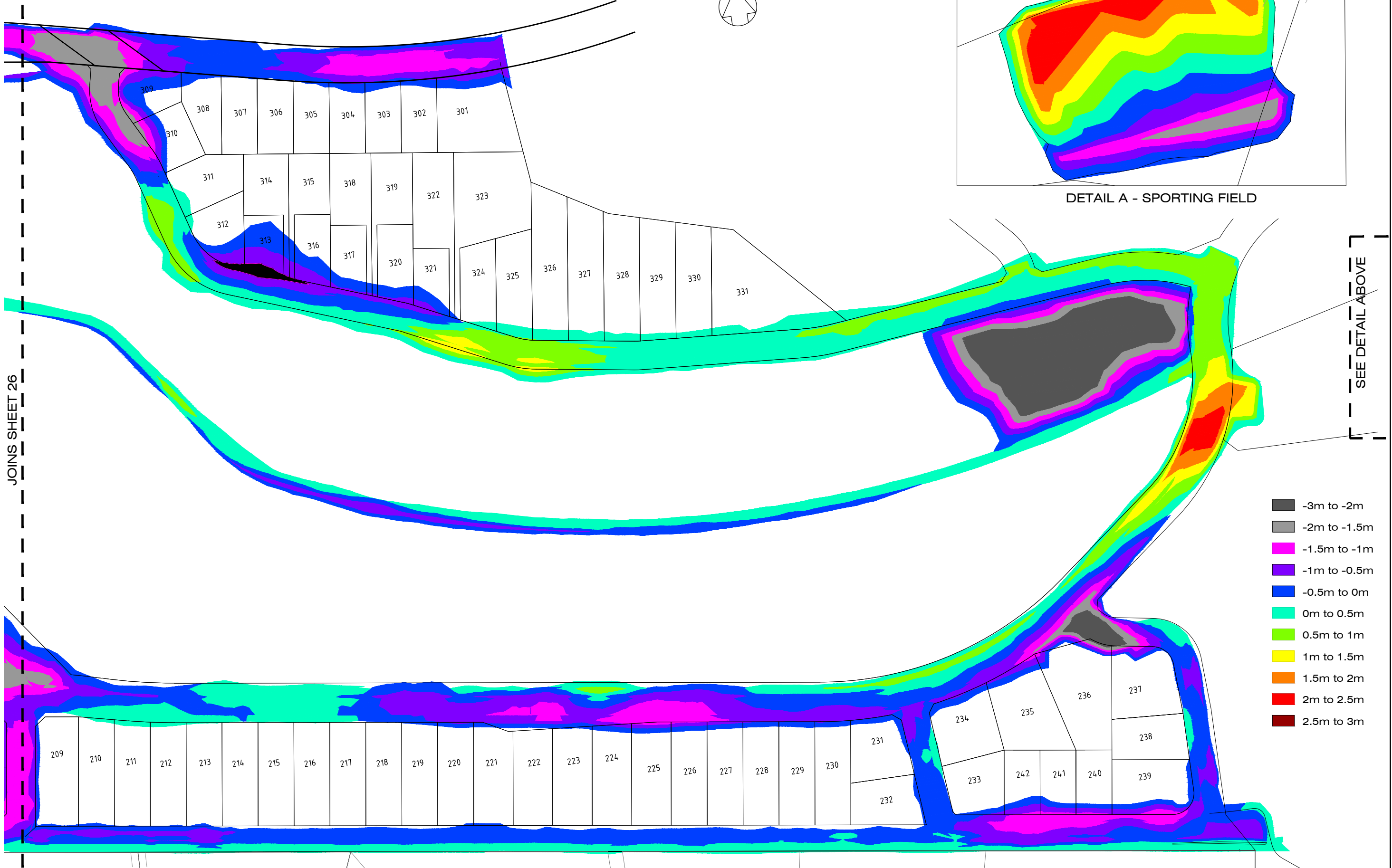
TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS



SCALE : 1:2000 for A3 sized plot
COMPUTER FILE : S:\projects\North Shearwater\DWG\Precinct1-3 DA Design Plans.dwg

SHEET No. : 26
JOB No. : 205532

FILE : 21800062
DATE : Plotted 6/10/20 12:26PM
A3



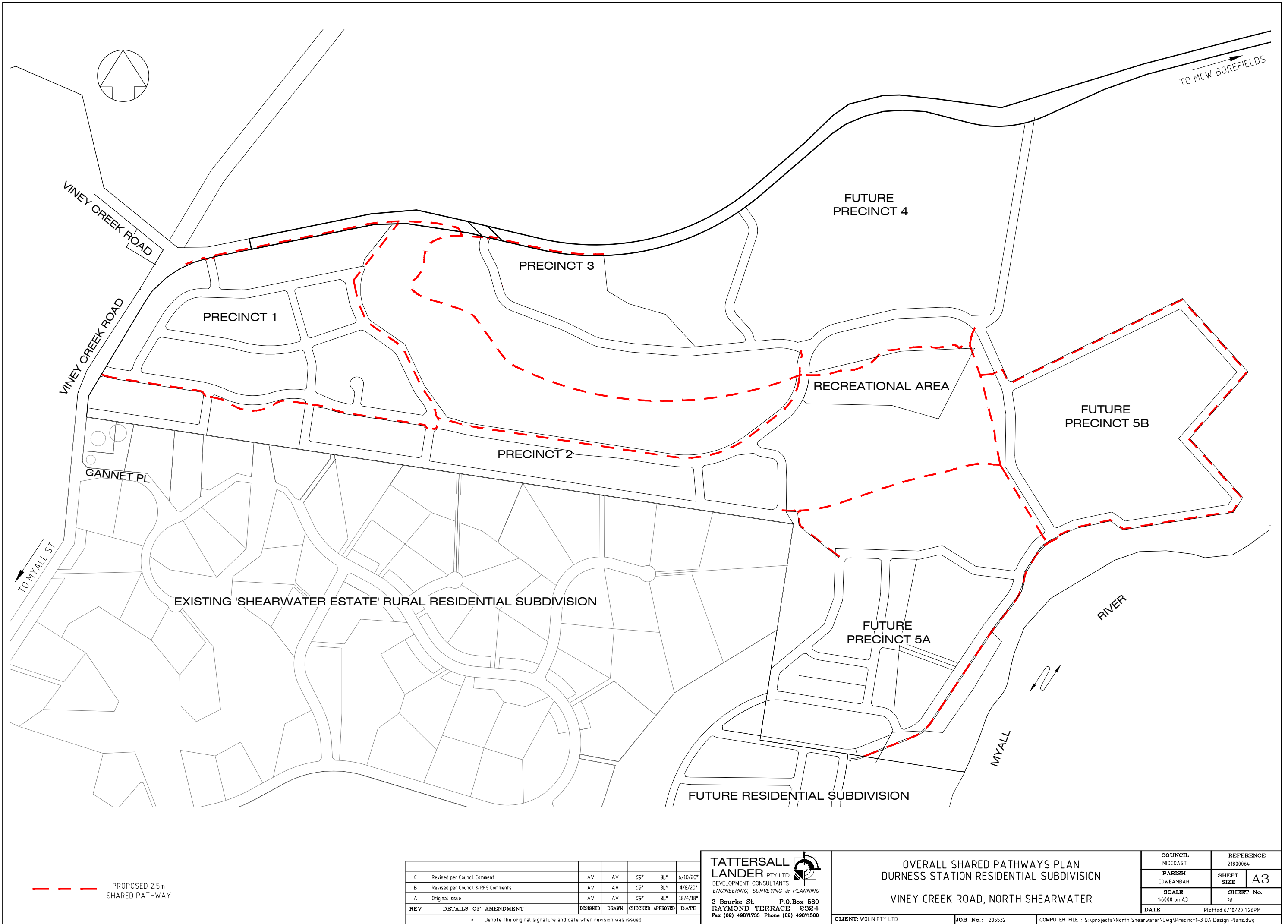
DETAIL A - SPORTING FIELD

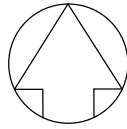
- 3m to -2m
- 2m to -1.5m
- 1.5m to -1m
- 1m to -0.5m
- 0.5m to 0m
- 0m to 0.5m
- 0.5m to 1m
- 1m to 1.5m
- 1.5m to 2m
- 2m to 2.5m
- 2.5m to 3m

PRECINCT 2 & 3 EARTHWORKS CUT-FILL PLAN

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL LANDER Pty Ltd DEVELOPMENT CONSULTANTS	SCALE : 1:2000 for A3 sized plot	SHEET No. : 27 JOB No. : 205532	FILE : 21800063 DATE : Plotted 6/10/20 12:26PM	SHEET SIZE A3
COMPUTER FILE : S:\projects\North Shearwater\Drawg\Precinct1-3 DA Design Plans.dwg				

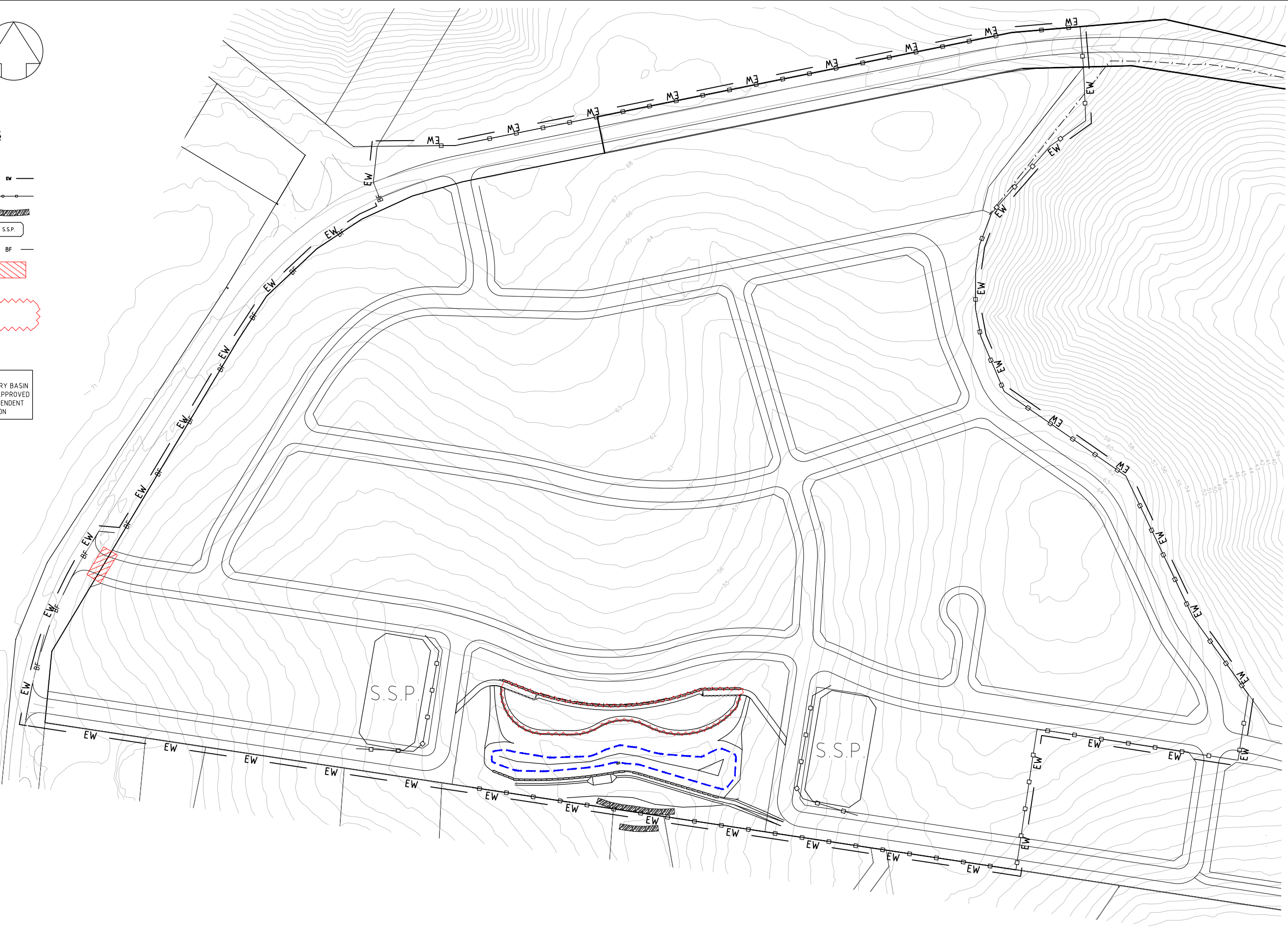




STANDARD SYMBOLS

- Extent Of Works
- Sediment Fence
- Straw Bale Sediment Filter
- Soil Stock Pile
- Site Safety Fencing
- Site Access with "Cattle Grid" shaker bars
- Temporary Sediment Basin

NOTE
FINAL LOCATION OF TEMPORARY BASIN
AND SOIL STOCKPILES TO BE APPROVED
BY THE COUNCIL & SUPERINTENDENT
PRIOR TO CONSTRUCTION



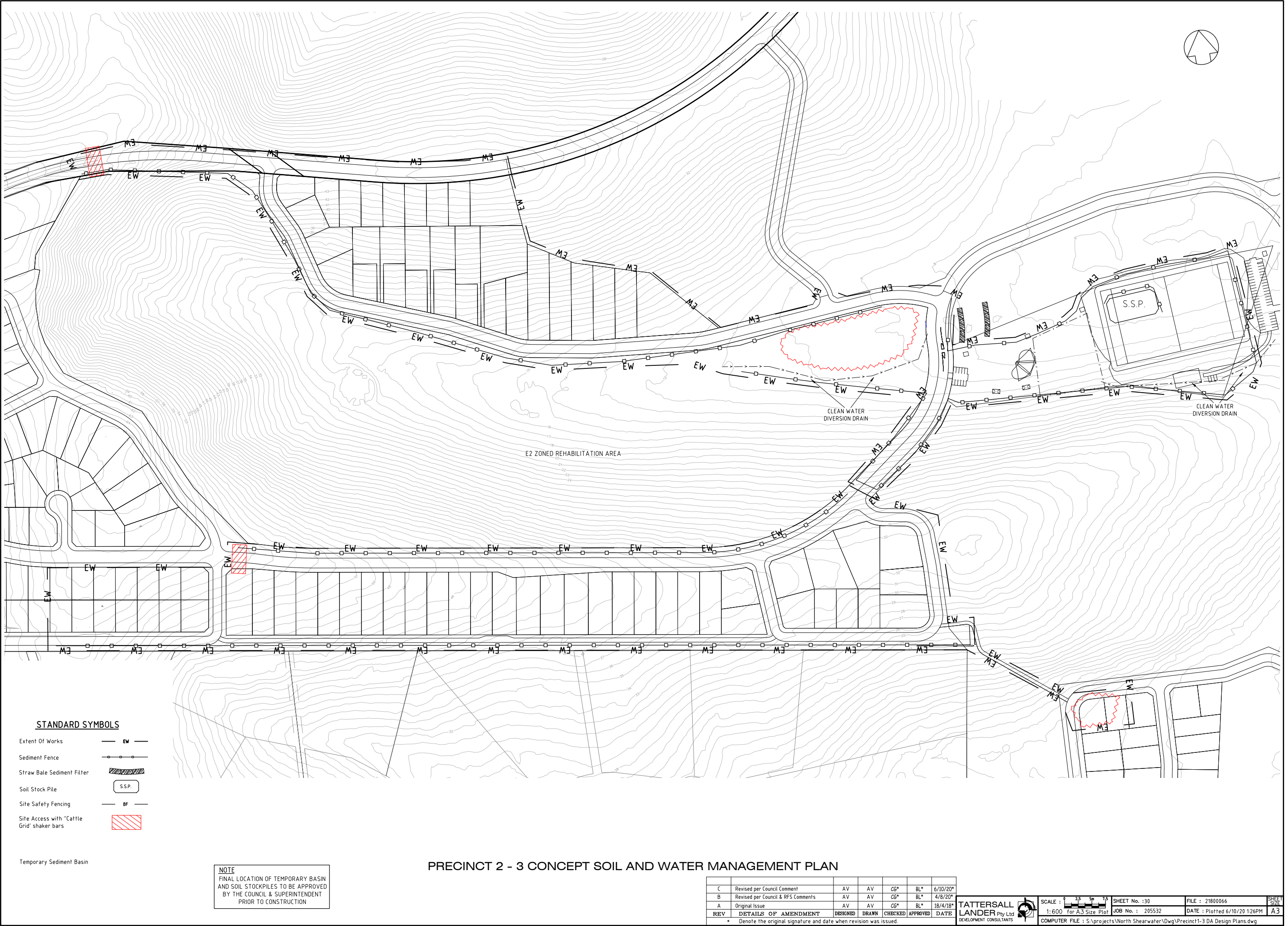
PRECINCT 1 CONCEPT SOIL AND WATER MANAGEMENT PLAN

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL LANDER Pty Ltd
DEVELOPMENT CONSULTANTS

SCALE : 1 : 2000 (for A3 Size Plot)
SHEET No. : 29
JOB No. : 205532
DATE : Plotted 6/10/20 12:26PM
COMPUTER FILE : S:\projects\North Shearwater\Dwg\Precinct1-3 DA Design Plans.dwg

FILE : 21800065
DATE : 6/10/20
SHEET SIZE : A3



STANDARD SYMBOLS

- Extent Of Works — EW —
- Sediment Fence — o — o —
- Straw Bale Sediment Filter [hatched box]
- Soil Stock Pile [S.S.P. box]
- Site Safety Fencing — BF —
- Site Access with "Cattle Grid" shaker bars [hatched box]

Temporary Sediment Basin

NOTE
FINAL LOCATION OF TEMPORARY BASIN
AND SOIL STOCKPILES TO BE APPROVED
BY THE COUNCIL & SUPERINTENDENT
PRIOR TO CONSTRUCTION

PRECINCT 2 - 3 CONCEPT SOIL AND WATER MANAGEMENT PLAN

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL
LANDER Pty Ltd
DEVELOPMENT CONSULTANTS



SCALE : 1:600 for A3 Size Plot

SHEET No. :30
JOB No. : 205532

FILE : 21800066
DATE : Plotted 6/10/20 12:26PM

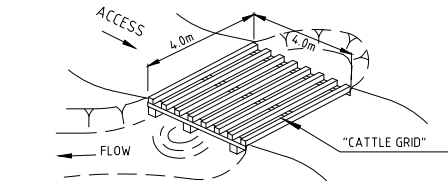
SHEET
SIZE
A3

COMPUTER FILE : S:\projects\North Shearwater\Dwg\Precinct1-3 DA Design Plans.dwg

SOIL & WATER MANAGEMENT NOTES

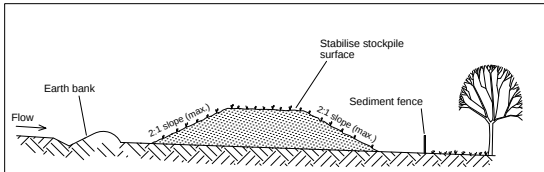
- This plan is to be read in conjunction with other engineering plans and any written instructions that may be issued.
- The contractor shall implement all soil erosion and sediment control measures prior to disturbance of the related catchment area and to the satisfaction of the Superintendent.
- The location of "silt" fences, barrier fences, sediment traps, basins and other devices are indicative only and final locations are to be decided on site. Variations will be permitted to best suit the circumstances.
- Construct both proposed dams before large scale disturbance of upstream lands. These dams are to be operated as sedimentation basins until all disturbed areas are stabilised. Captured water to be tested and flocculated as necessary (in line with The Blue Book recommendations) before release downstream. Captured water may also be re-used for dust suppression during construction.
- Cleared vegetation must be disposed of by :-
 - chipping or mulching for future landscaping and usage, or
 - transport to an approved landfill facility.
- Temporary crossbanks (bunds constructed with earth, straw bales or sandbags), shall be constructed during roadworks to limit slope length, where possible, to 80 metres. These shall be constructed immediately prior to forecast rain and during temporary closure of the site, including weekends.
- Temporary rehabilitation should be undertaken on disturbed areas where works have stopped and soils are expected to remain exposed for two months.
- Sediment barriers (e.g. sandbags or straw bales) should be located upstream of stormwater inlet pits prior to the road surface being paved and lands upslope being rehabilitated.
- At the conclusion of each day sand bags are to be placed at the end of completed sections of road pavement to prevent scouring.
- The contractor will inspect all erosion and pollution control works at least weekly and following every rainfall event greater than 5mm, providing particular attention to the following matters :
 - Ensure drains operate effectively and initiate repair as required.
 - Remove spilled sand (or other materials) from hazard areas, including lands closer than 5 metres from likely areas of concentrated or high velocity flows such as waterways and paved areas.
 - Ensure rehabilitated lands have effectively reduced the erosion hazard and initiate upgrading or repair as appropriate.
 - Construct additional erosion and/or sediment control works as might become necessary to ensure the desired protection is given to downslope lands and waterways, i.e.,make ongoing changes to the plan.
 - Maintain erosion and sediment control measures in a functioning condition until all earthwork activities are completed and the site is rehabilitated.
 - Remove temporary soil conservation structures as a last activity in the rehabilitation program.
- Utilise a single access only to the stock pile sites.
- Do not taint clean catchment water with silt from the works.
- Drop inlets which do not outlet to silt traps shall be blocked until all works are completed.
- Rehabilitate the site as soon as possible after the completion of construction activities and within 10 working days. Lands where works are not to continue for more than 20 working days must be rehabilitated Such rehabilitation shall involve the spraying of a straw-bitumen mulch to the disturbed lands or equivalent.
- Access areas limited to a maximum width of 10 (preferably 5) metres.
- All positions shown are approximate and are best determined on site in conjunction with the superintendent.
- Conformity with this plan shall in no way reduce the responsibility of the Contractor to protect against water damage during the course of the contract.

- Topsoil and spoil shall be stockpiled in non-hazard areas and protected from surface run-off by diversion drains or similar. Stockpiles shall be surrounded on downstream sides by silt fencing. Stockpiles shall be suitably compacted to inhibit erosion. Where the stockpiling period exceeds four (4) weeks, the stockpile shall be seeded to encourage vegetation growth.
- Topsoil shall be respread and stabilised as soon as possible. Disturbed areas shall be left with a scarified surface to encourage water infiltration and assist keying in topsoil.
- The contractor shall provide a turf strip behind all kerb and gutter at completion of footpath formation.
- The contractor shall maintain grass cover until all works have been completed including the maintenance period, by frequent watering and mowing where required.
- All drainage works shall be constructed and stabilised as quickly as possible to minimise risk of erosion.
- Vehicular traffic shall be controlled during construction confining access where possible to proposed or existing road alignments plus 3 metres. Areas to be left undisturbed shall be marked off.
- Site access shall be restricted to a nominated point. The construction of a shake-down area will be required at the entry to the site.
- Facilities and/or equipment must be provided for the application of water to disturbed areas to minimise the generation of airborne dust from any area disturbed by construction activities.
- Material removed from sediment control structures must be disposed of in a way that does not pollute waters or bushland.
- Waste disposal containers must be provided on site for the collection and disposal of all industrial and domestic type wastes generated on site.
- Concrete wastes or washings from any concrete mixture or deliveries must not be deposited in any location where they can flow or be washed into waters.
- Runoff from vehicle, construction plant or mobile plant maintenance and cleaning areas must be contained, collected and disposed of in a manner to prevent entry into any waters, including sediment retention ponds.
- Fuelling of vehicles and construction plant must be carried out with an operator or driver present, and in a way that prevents any spillage occurring.



TEMPORARY CONSTRUCTION EXIT
SHAKE-DOWN FACILITY DETAIL (CATTLE GRID)

NOT TO SCALE

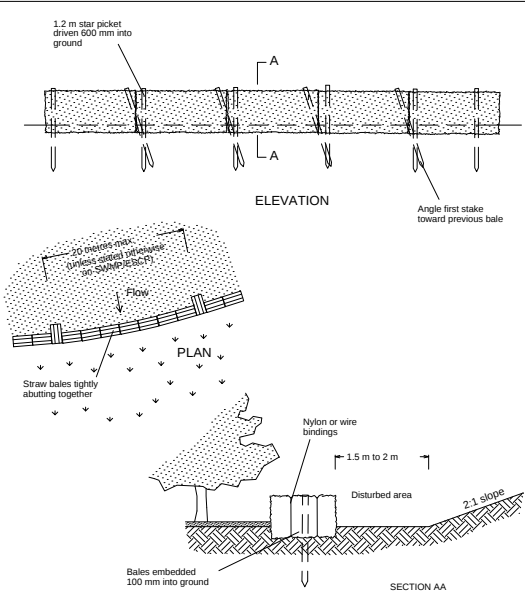


Construction Notes

- Place stockpiles more than 2m (preferably 5m) from existing vegetation, concentrated water flow, roads and hazard areas.
- Construct on the contour as low, flat, elongated mounds.
- Where there is sufficient area, topsoil stockpiles shall be less than 2m in height.
- Where they are to be in place for more than 10 days, stabilise following the approved ESCP or SWMP to reduce the C-factor to less than 0.10.
- Construct earth banks (Std Drawing 5-5) on the upslope side to divert water around stockpiles & sediment fences (Std Drawing 6-8) 1-2m downslope.

STOCKPILES

SD 4-1

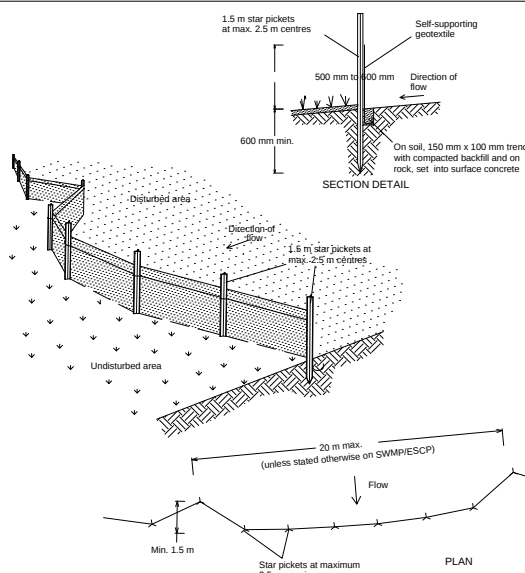


Construction Notes

- Construct the straw bale filter as close as possible to being parallel to the contours of the site.
- Place bales lengthwise in a row with ends tightly abutting. Use straw to fill any gaps between bales. Straws are to be placed parallel to ground.
- Ensure that the maximum height of the filter is one bale.
- Embed each bale in the ground 75 mm to 100 mm and anchor with two 1.2 metre star pickets or stakes. Angle the first star picket or stake in each bale towards the previously laid bale. Drive them 600 mm into the ground and, if possible, flush with the top of the bales. Where star pickets are used and they protrude above the bales, ensure they are fitted with safety caps.
- Where a straw bale filter is constructed downslope from a disturbed batter, ensure the bales are placed 1 to 2 metres downslope from the toe.
- Establish a maintenance program that ensures the integrity of the bales is retained - they could require replacement each two to four months.

STRAW BALE FILTER

SD 6-7



Construction Notes

- Construct sediment fences as close as possible to being parallel to the contours of the site, but with small returns as shown in the drawing to limit the catchment area of any one section. The catchment area should be small enough to limit flow if concentrated at one point to 50 l/s in the design storm, usually the 10yr event.
- Cut a 150-mm deep trench along the upslope line of the fence for the bottom of the fabric to be entrenched.
- Drive 1.5m long star pickets into ground at 2.5m intervals (max) at the downslope edge of the trench. Ensure any star pickets are fitted with safety caps.
- Fix self-supporting geotextile to the upslope side of the posts ensuring it goes to the base of the trench. Fix the geotextile with wire ties or as recommended by the manufacturer. Only use geotextile specifically produced for sediment fencing. The use of shade cloth for this purpose is not satisfactory.
- Join sections of fabric at a support post with a 150mm overlap.
- Backfill the trench over the base of the fabric and compact it thoroughly over the geotextile.

SEDIMENT FENCE

SD 6-8

EROSION AND SEDIMENT CONTROL NOTES

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL
LANDER Pty Ltd
DEVELOPMENT CONSULTANTS



SCALE :

SHEET No. :31

FILE : 21800067

SHEET

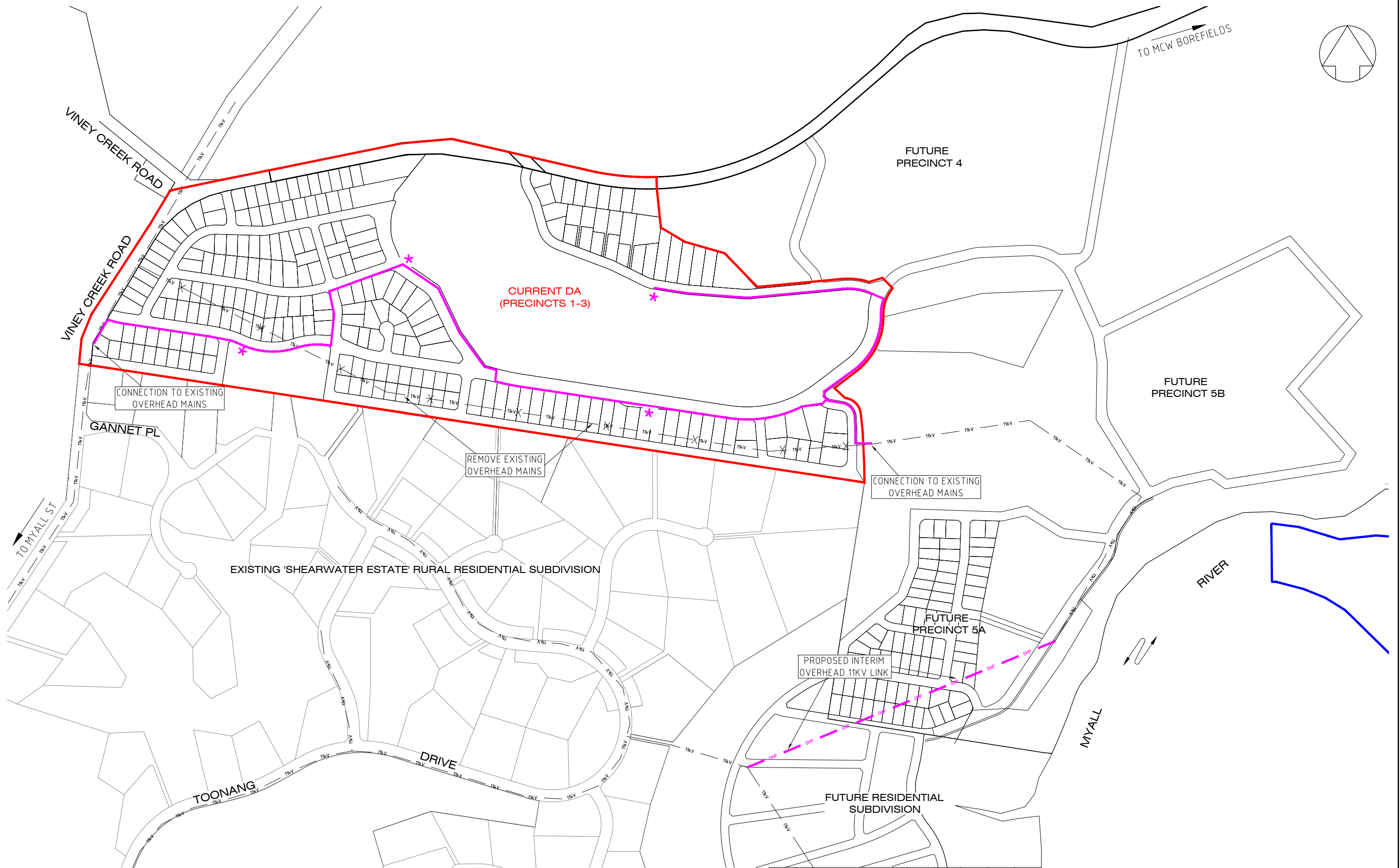
JOB No. : 205532

DATE : Plotted 6/10/20 126PM

A3

COMPUTER FILE : S:\projects\North Shearwater\Dwg\Precinct1-3 DA Design Plans.dwg

- PROPOSED 11KV U/G CABLE
- PROPOSED SUBSTATION
- PROPOSED INTERIM 11KV O/H CABLE



CONCEPT ELECTRICAL SERVICING PLAN

C	Revised per Council Comment	AV	AV	CG*	BL*	6/10/20*
B	Revised per Council & RFS Comments	AV	AV	CG*	BL*	4/8/20*
A	Original Issue	AV	AV	CG*	BL*	18/4/18*
REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
* Denote the original signature and date when revision was issued.						

TATTERSALL
LANDER Pty Ltd
DEVELOPMENT CONSULTANTS



SCALE :
1:6000 on A3

SHEET No. :32
JOB No. : 217416

FILE : 21800068
DATE : Plotted 6/10/20 126PM

SHEET
SIZE
A3

COMPUTER FILE : S:\projects\North Shearwater\Drawg\Precinct11-3 DA Design Plans.dwg