

Flourish

PRELIMINARY ENGINEERING DRAWINGS STAGES 1-4 No. 37502-PREN

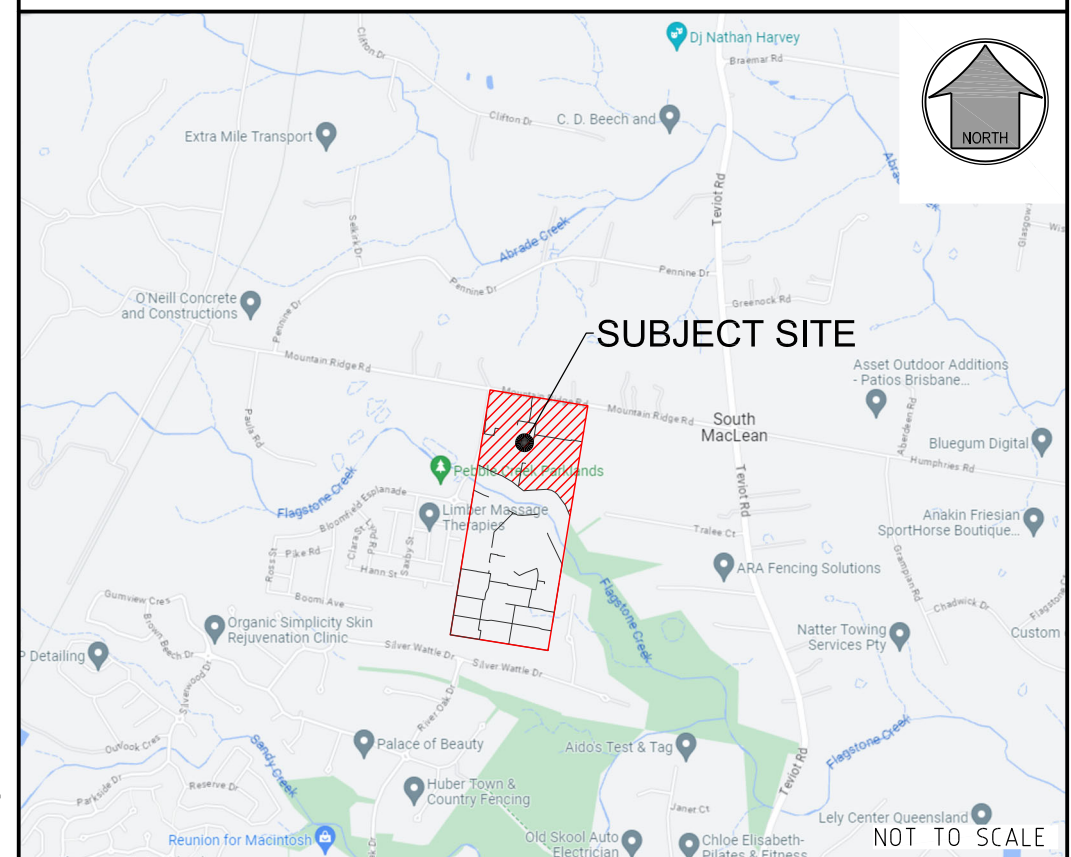
SCHEDULE OF DRAWINGS

NUMBER	REV. NO.	TITLE
GENERAL		
37502-PREN-000	C	COVER SHEET
37502-PREN-005	C	ROAD HIERARCHY STAGING PLAN & GENERAL NOTES
ROADS: COMBINED SERVICES		
37502-PREN-090	B	PLAN SHEET 01
37502-PREN-091	B	PLAN SHEET 02
37502-PREN-092	B	PLAN SHEET 03
37502-PREN-093	B	PLAN SHEET 04
ROADS: ROADWORKS		
37502-PREN-100	B	PLAN SHEET 01
37502-PREN-101	C	PLAN SHEET 02
37502-PREN-102	B	PLAN SHEET 03
37502-PREN-103	B	PLAN SHEET 04
37502-PREN-104	A	FIRE TRAIL PLAN
37502-PREN-120	B	DETAILS SHEET 01
SEWER: SEWER RETICULATION		
37502-PREN-500	B	PLAN SHEET 01
37502-PREN-501	B	PLAN SHEET 02
37502-PREN-502	B	PLAN SHEET 03
37502-PREN-503	B	PLAN SHEET 04



SUB-CONSULTANTS
SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

LOCALITY PLAN



R. P. DESCRIPTION
PART OF LOT 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

DRAWING NUMBER
37502-PREN-000

AMEND.
C

GENERAL

1. CONTRACT SPECIFICATIONS
ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATION.
2. SETOUT
SURVEY SETOUT INFORMATION HAS BEEN ESTABLISHED ON SITE BY THE PRINCIPAL'S SURVEYOR TO ENABLE THE CONTRACTOR TO ACCURATELY SETOUT THE WORKS TO THE CO-ORDINATES SHOWN. SETOUT INFORMATION SHALL NOT BE OBTAINED BY SCALING FROM THESE DRAWINGS.
3. DATUM
LEVELS SHOWN ARE TO A.H.D.
4. TRENCH SPOIL
ALL MATERIALS ARISING FROM ROADS & SERVICES ARE TO BE COMPACTED TO FUTURE STAGES, TO LEVEL 1 IF NO SPOIL AREA IS AVAILABLE THESE MATERIALS SHALL BE TRUCKED TO A LICENSED TIP. THESE WORKS FORM PART OF THE CONTRACTED WORKS.
5. CHECK ELECTRONIC SETOUT
CONTRACTOR IS RESPONSIBLE TO ENSURE ANY ELECTRONIC DATA FILES MATCH THE DRAWINGS.
6. PRE START
a. ERECT SITE SIGNAGE, CONSTRUCT ENTRY & EXIT POINT AS INDICATED.
b. CONSTRUCT VEHICLE WASHDOWN AREA & ASSOCIATED SILT MANAGEMENT DEVICES.
c. CONSTRUCT SITE OFFICE & STORAGE COMPOUND AREA.
d. INSTALL EROSION & SEDIMENT CONTROL DEVICES AS PER THE CONTRACTOR'S EROSION & SEDIMENT CONTROL PLAN.
e. ERECT TEMPORARY TREE PROTECTION FENCING IN ACCORDANCE WITH THE APPROVED VEGETATION MANAGEMENT PLAN & AUTHORITIES APPROVAL CONDITIONS (IF REQUIRED).
7. HEALTH & SAFETY
ALL WORKS UNDERTAKEN BY THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE WORKPLACE HEALTH & SAFETY LEGISLATION.
8. STOCKPILING
STOCKPILING OF ANY SURPLUS MATERIAL IS NOT PERMITTED.

PROJECT SPECIFIC REPORTS

- THE CONTRACTOR MUST FOLLOW THE RECOMMENDATIONS & PROCEDURES OUTLINED IN THE FOLLOWING REPORTS AT ALL TIMES
- a) GEOTECHNICAL INVESTIGATION REPORTS (INCLUDING ANY ACID SULPHATE OR DISPERSIVE SOIL REPORTING)
- b) VEGETATION & FAUNA MANAGEMENT PLANS
- c) OTHER MANAGEMENT PLANS NOMINATED IN THE CONTRACT, AUTHORITIES APPROVAL CONDITIONS OR BY THE SUPERINTENDENT.

LEGEND

- NEIGHBOURHOOD CONNECTOR
(21.0m ROAD RESERVE, 11.2m PAVEMENT)
- NEIGHBOURHOOD ACCESS
(15.5m ROAD RESERVE, 7.5m PAVEMENT)
- NEIGHBOURHOOD ACCESS REDUCED VERGE
(13.5m ROAD RESERVE, 7.5m PAVEMENT)
- NEIGHBOURHOOD ACCESS REDUCED VERGE
(15.0m ROAD RESERVE, 7.5m PAVEMENT)
- DRIVEWAY
(10.0m ROAD RESERVE, 5m PAVEMENT)

REFER 120 DRAWINGS
SERIES FOR TYPICAL
SECTIONS

- EXISTING PROPERTY LINE
- EXISTING KERB (INVERT)
- FUTURE PROPERTY LINE
- FUTURE KERB (INVERT)
- PROPOSED PROPERTY LINE
- PROPOSED KERB (INVERT)
- SITE BOUNDARY
- STAGE BOUNDARY



PROJECT NAME

Flourish

PRELIMINARY
ENGINEERING DRAWINGS

RP DESCRIPTION

Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT

**CEDAR
WOODS**
DEVELOPING TOMORROW TODAY

NORTH

0 10 20 30 40 50m

Scale 1:1000 - A1 (1:2000 - A3)

C	06-01-25	LAYOUT AMENDED	GB
B	20-03-24	ROAD TYPES AMENDED	RK
A	02-02-24	EDQ ISSUE	BL
REV	DATE	DESCRIPTION	INT

COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION. DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

ROAD HIERARCHY,
STAGING PLAN
&
GENERAL NOTES

MORTONS
urbansolutions
Civil Engineering
Project Coordination

MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN: 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel: 07 5571 1099

Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED	GW	DRAWN	RK
----------	----	-------	----

DRAWING NUMBER	REV
37502-PREN-005	C

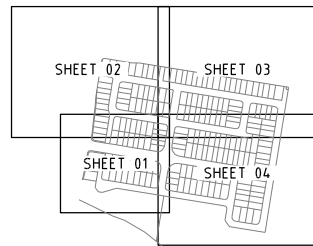
CONSTRUCTION SERVICES

1. CONSTRUCTION OF
SEWER/ROOFWATER/STORMWATER/SERVICES
EXCAVATED MATERIAL TO BE PLACED ON HIGH SIDE
OF TRENCH & TO PROTECT PIPE WORK & DIRECT
SURFACE MATERIAL AWAY FROM EXCAVATIONS.
TOPSOIL & GRASS SEED AREAS IN ALLOTMENTS
IMMEDIATELY AFTER COMPLETING THE SEWER &
ROOFWATER DRAINAGE CONSTRUCTION.
DEPRESS GROUND AROUND TEMPORARY FIELD
INLETS TO CREATE SILT POND.
2. TRIP HAZARD
MANHOLES OR STRUCTURES INSTALLED IN THE
ROAD, FOOTPATH OR VERGE MUST MATCH NEATLY
WITH NO TRIP HAZARD.
3. EXISTING SERVICES - EXTERNAL WORKS
THE LOCATIONS OF ALL EXISTING SERVICES WITHIN
THE WORK AREA SHALL BE CONFIRMED BY THE
CONTRACTOR PRIOR TO CONSTRUCTION COMMENCING.
IT IS THE CONTRACTOR'S RESPONSIBILITY TO
CONTACT THE RELEVANT AUTHORITIES & TO
ENSURE THAT THE EXISTING SERVICES ARE NOT
DAMAGED OR DISTURBED IN ANY WAY BY THE
CONTRACT WORKS.

LEGEND

---	EXISTING PROPERTY LINE
---	EXISTING KERB (INVERT)
---	EXISTING FOOTPATH
RM	EXISTING RISING MAIN
S	EXISTING SEWER
SW	EXISTING STORMWATER
RW	EXISTING ROOFWATER
SS	EXISTING SUBSOIL
W	EXISTING WATER
---	EXISTING WATER CONDUIT
---	PROPOSED PROPERTY LINE
---	PROPOSED KERB (INVERT)
---	PROPOSED FOOTPATH
RM	PROPOSED RISING MAIN
S	PROPOSED SEWER
SW	PROPOSED STORMWATER
RW	PROPOSED ROOFWATER
SS	PROPOSED SUBSOIL
W	PROPOSED WATER
---	PROPOSED WATER CONDUIT
---	SITE BOUNDARY
---	STAGE BOUNDARY

SHEET LAYOUT



PROJECT NAME

Flourish

PRELIMINARY
ENGINEERING DRAWINGS

RP DESCRIPTION

Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT



0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

B	06-01-25	LAYOUT AMENDED	GB
A	02-02-24	EDD ISSUE	BL
REV	DATE	DESCRIPTION	INT

COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND
WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION.
DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

COMBINED SERVICES
PLAN
SHEET 01



MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN: 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel: 07 5571 1099

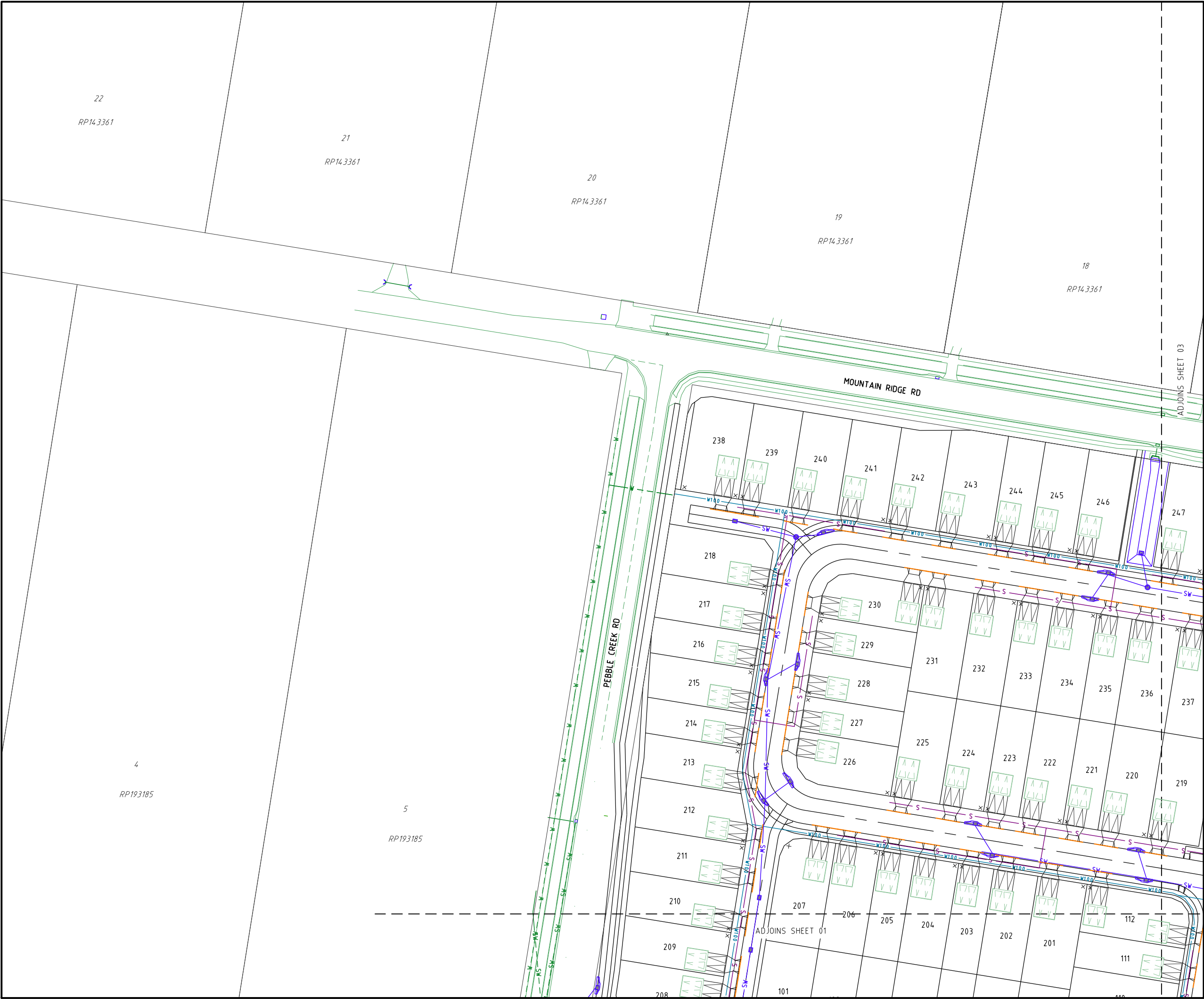
Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED GW DRAWN RK

DRAWING NUMBER
37502-PREN-090

REV
B




PROJECT NAME


Flourish

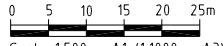
PRELIMINARY
ENGINEERING DRAWINGS

RP DESCRIPTION
Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT

**CEDAR
WOODS**
DEVELOPING TOMORROW TODAY


NORTH


0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

B	06-01-25	ROAD DRIVEWAYS ADDED	GB
A	02-02-24	EDD ISSUE	BL
REV	DATE	DESCRIPTION	INT


COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION. DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

COMBINED SERVICES
PLAN
SHEET 02

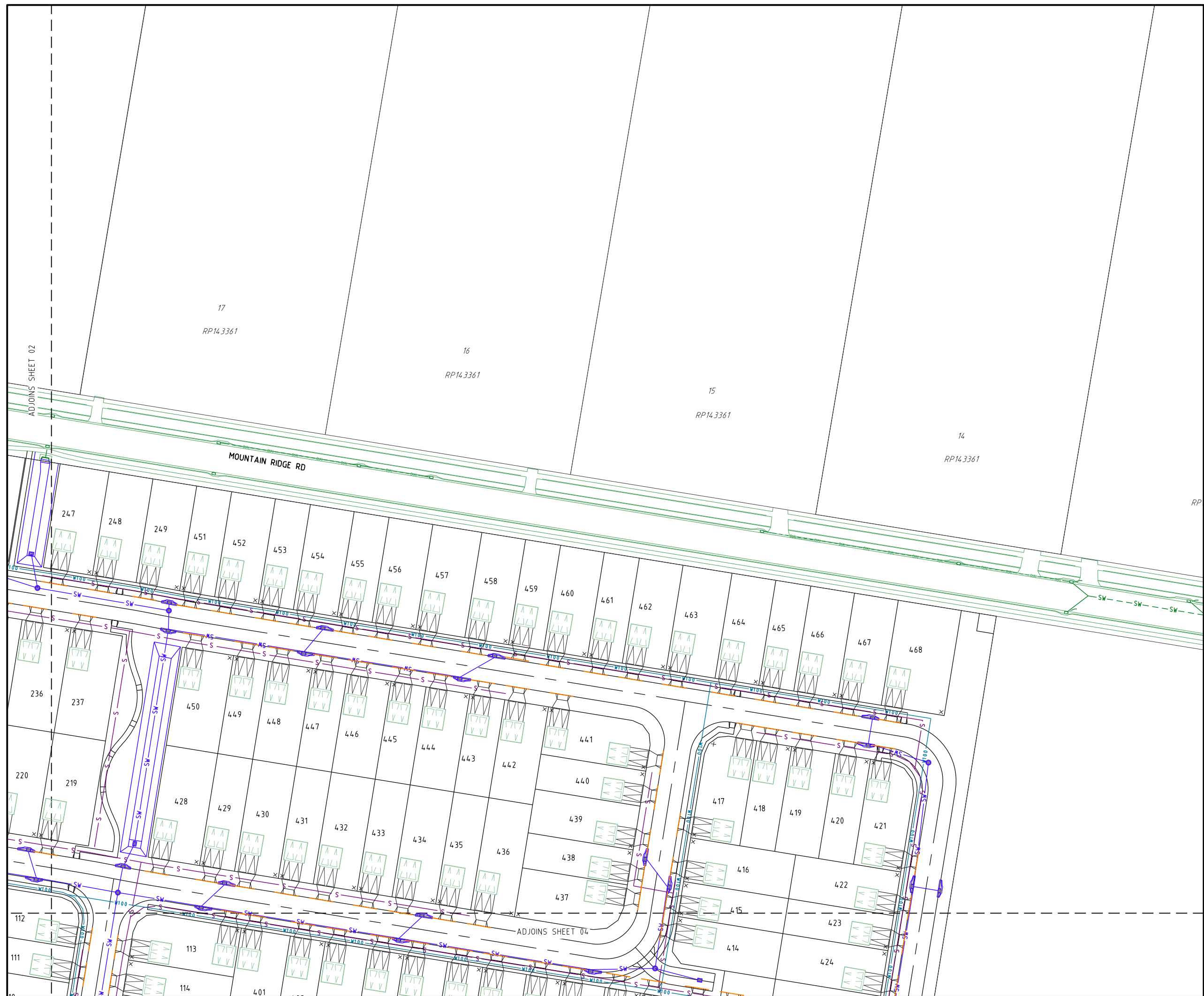
**MORTONS**
urbansolutions
Civil Engineering
Project Coordination

MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN: 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel: 07 5571 1099

Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED	GW	DRAWN	RK
DRAWING NUMBER		REV	
37502-PREN-091		B	



PROJECT	NAME
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Flourish

PRELIMINARY
ENGINEERING DRAWINGS

RP DESCRIPTION

Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

C L I E N T



0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

B	06-01-25	LAYOUT AMENDED	GB
A	02-02-24	EDQ ISSUE	BL
REV	DATE	DESCRIPTION	INT

COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND
WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION.
DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

D R A W I N G T I T L E

COMBINED SERVICES
PLAN
SHEET 03



MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN: 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel 07 5571 1099

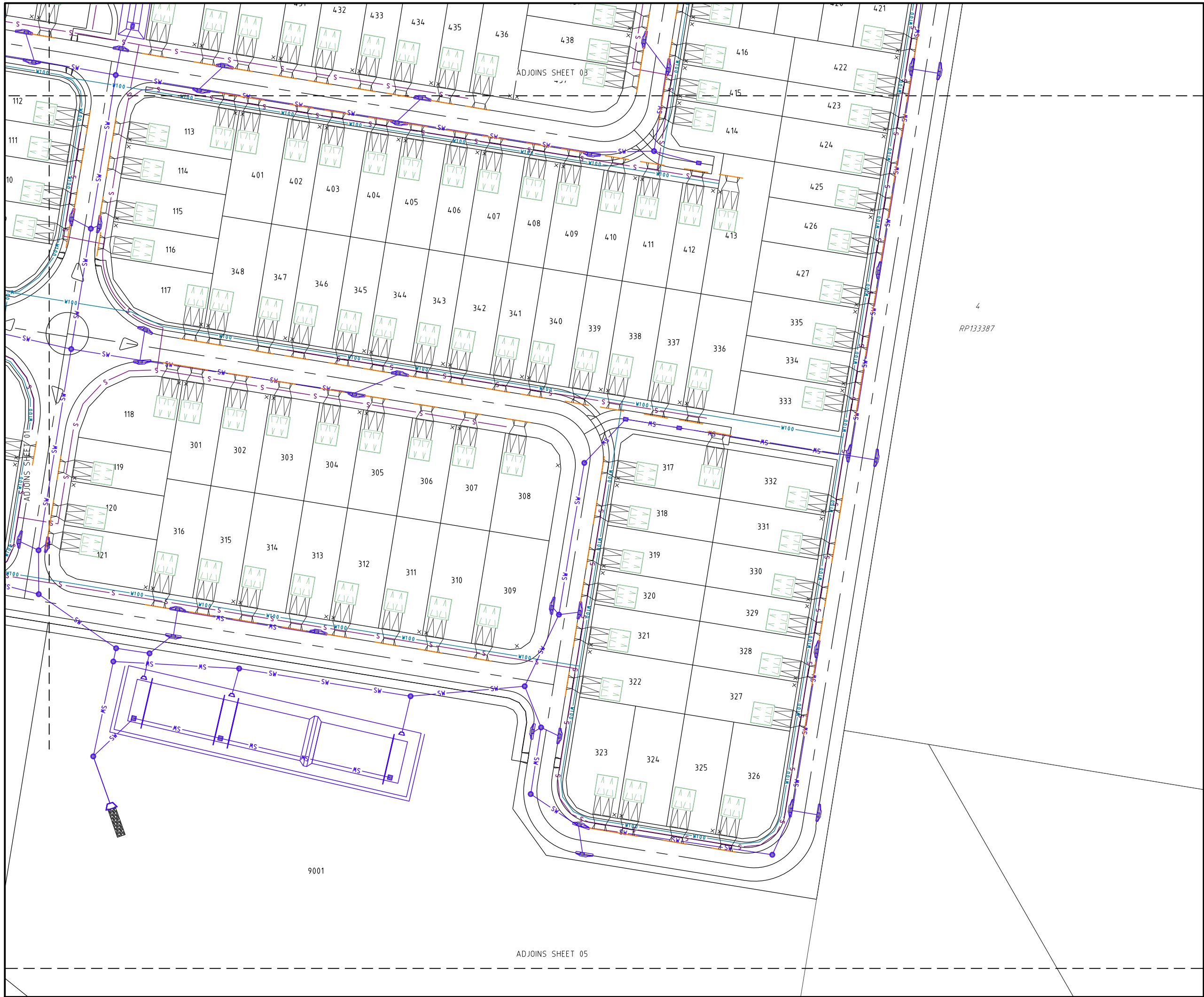
Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED	GW	DRAWN	RK
----------	----	-------	----

DRAWING NUMBER
37502-PREN-092

V	
---	--



PROJECT NAME


Flourish


PRELIMINARY
ENGINEERING DRAWINGS

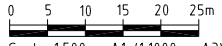
RP DESCRIPTION

Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT

**CEDAR
WOODS**
DEVELOPING TOMORROW TODAY


NORTH


0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

B	06-01-25	LAYOUT AMENDED	GB
A	02-02-24	EDD ISSUE	BL
REV	DATE	DESCRIPTION	INT


COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND
WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION.
DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

COMBINED SERVICES
PLAN
SHEET 04

**MORTONS**
urbansolutions
Civil Engineering
Project Coordination

MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel 07 5571 1099

Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED	GW	DRAWN	RK
DRAWING NUMBER		REV	
37502-PREN-093		B	

ROADWORKS

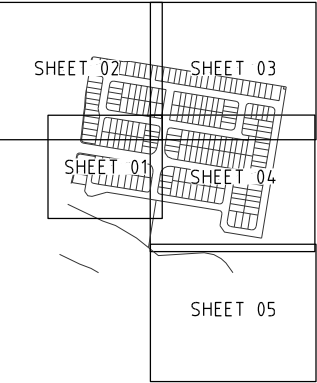
1. PAVEMENT DEPTHS
- a. THE DESIGN PAVEMENT DEPTHS ALLOWED IN EARTHWORKS CALCULATIONS ARE BASED ON THE AUTHORITY'S MINIMUM PAVEMENT BOX.
- b. THE PAVEMENT DEPTHS GIVEN ARE NOMINAL DESIGN DEPTHS ONLY & MAY BE VARIED AFTER SUB-GRADE TESTS ARE TAKEN. THE CONTRACTOR IS TO PROVIDE THE SUPERINTENDENT A SUBGRADE C.B.R. REPORT PREPARED BY A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER. IN PROJECTS EXPECTING LIME STABILISED SUBGRADE, THE CONTRACTOR MUST PROVIDE LIME DEMAND TEST RESULTS WITH THE CBR REPORT.
- c. THE SUPERINTENDENT WILL COORDINATE THE AUTHORITIES APPROVAL OF THE PAVEMENT DESIGN.
- d. REFER TO DWG. 120 FOR TYPICAL ROAD SECTIONS.
- e. TESTING
- ALL COMPACTION TESTING SHALL BE CARRIED OUT BY AN APPROVED N.A.T.A. TESTING AUTHORITY. ALL SITE FILLING SHALL BE TESTED AT LEVEL 1 REQUIREMENTS.
- f. SUBSOIL DRAINS
- SUBSOIL DRAINS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE LOCAL AUTHORITY'S SPECIFICATIONS. SUBSOIL DRAINS SHALL BE PLACED UNDER ALL KERB STRUCTURES & ARE TO BE CONSTRUCTED TO A DEPTH GREATER THAN THAT OF THE INVERT OF THE DEEPEST SERVICE CROSSING.
- g. MITRE DRAINS
- MITRE DRAINS ARE TO BE CONSTRUCTED ALONG THE CUT/FILL INTERFACE & SAG/LOW POINTS OF ALL ROADS. CONTRACTOR TO REQUEST DIRECTION FROM SUPERINTENDENT WHETHER TO INSTALL MITRE DRAIN AT ROCK ENCOUNTERED IN SUBGRADE. ALL MITRE DRAINS MUST BE FREE DRAINING & TIE INTO THE ADJACENT SUBSOIL DRAINS.
- h. ROCK
- THE CONTRACTOR IS TO INCLUDE ROCK EXCAVATION AS PART OF THEIR RATES.
- i. TURF
- 1.0m TURF STRIP TO BE INSTALLED BEHIND THE BACK OF ALL KERBS. A PERPENDICULAR TURF STRIP AT MAXIMUM 10m INCREMENTS MUST BE INSTALLED TO FULL VERGE WIDTH FOR SEDIMENT & EROSION CONTROL PURPOSES.
7. KERBS
- ALL KERBS TO BE CONSTRUCTED IN ACCORDANCE WITH AUTHORITY STANDARDS. FOR ALL KERB TYPES REFER TO DWG 120.
8. PAVEMENT TIE-IN
- PAVEMENT TIE-IN TO BE IN ACCORDANCE WITH DWG. 120

LEGEND

- EXISTING KERB (INVERT)
- EXISTING KERB (LIP & BACK)
- EXISTING FOOTPATH
- EXISTING PROPERTY LINE
- FUTURE KERB
- FUTURE FOOTPATH
- FUTURE PROPERTY LINE
- CONTROL LINE / CENTER OF ROAD
- PROPOSED KERB (INVERT)
- PROPOSED KERB (LIP & BACK)
- PROPOSED FOOTPATH
- PROPOSED PROPERTY LINE
- SITE BOUNDARY
- STAGE BOUNDARY
- FIRE TRAIL
- EXISTING FIRE TRAIL
- PROPOSED CONCRETE



SHEET LAYOUT



PROJECT NAME

Flourish

PRELIMINARY
ENGINEERING DRAWINGS

RP DESCRIPTION

Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT

DEVELOPING TOMORROW TODAY

0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

C	13-02-25	FIRE TRAIL ADDED	GB
B	06-01-25	LAYOUT AMENDED	GB
A	02-02-24	EDD ISSUE	BL
REV	DATE	DESCRIPTION	INT

COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION. DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

ROADWORKS
&
STORMWATER
PLAN
SHEET 01

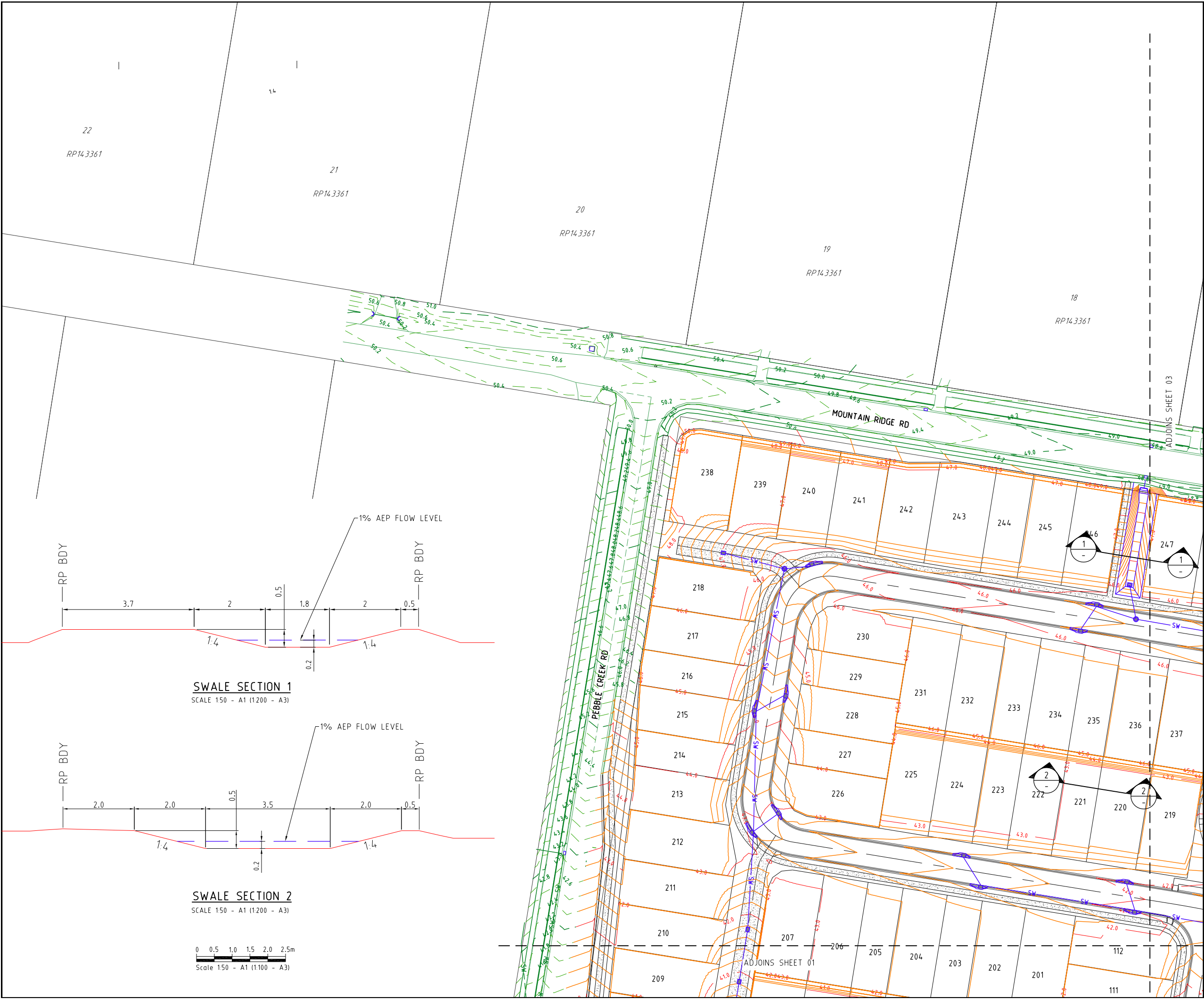
MORTONS
urban**solutions**
Civil Engineering
Project Coordination

MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel 07 5571 1099

Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED	GW	DRAWN	RK
DRAWING NUMBER		REV	
37502-PREN-100		C	




PROJECT NAME


Flourish

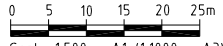
PRELIMINARY
ENGINEERING DRAWINGS

RP DESCRIPTION
Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT

CEDAR
WOODS
DEVELOPING TOMORROW TODAY


NORTH


0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

C	06-01-25	LAYOUT AMENDED	GB
B	20-03-24	DRAIN SECTIONS UPDATED	RK
A	02-02-24	EDD ISSUE	BL
REV	DATE	DESCRIPTION	INT


COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND
WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION.
DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

ROADWORKS
&
STORMWATER
PLAN
SHEET 02

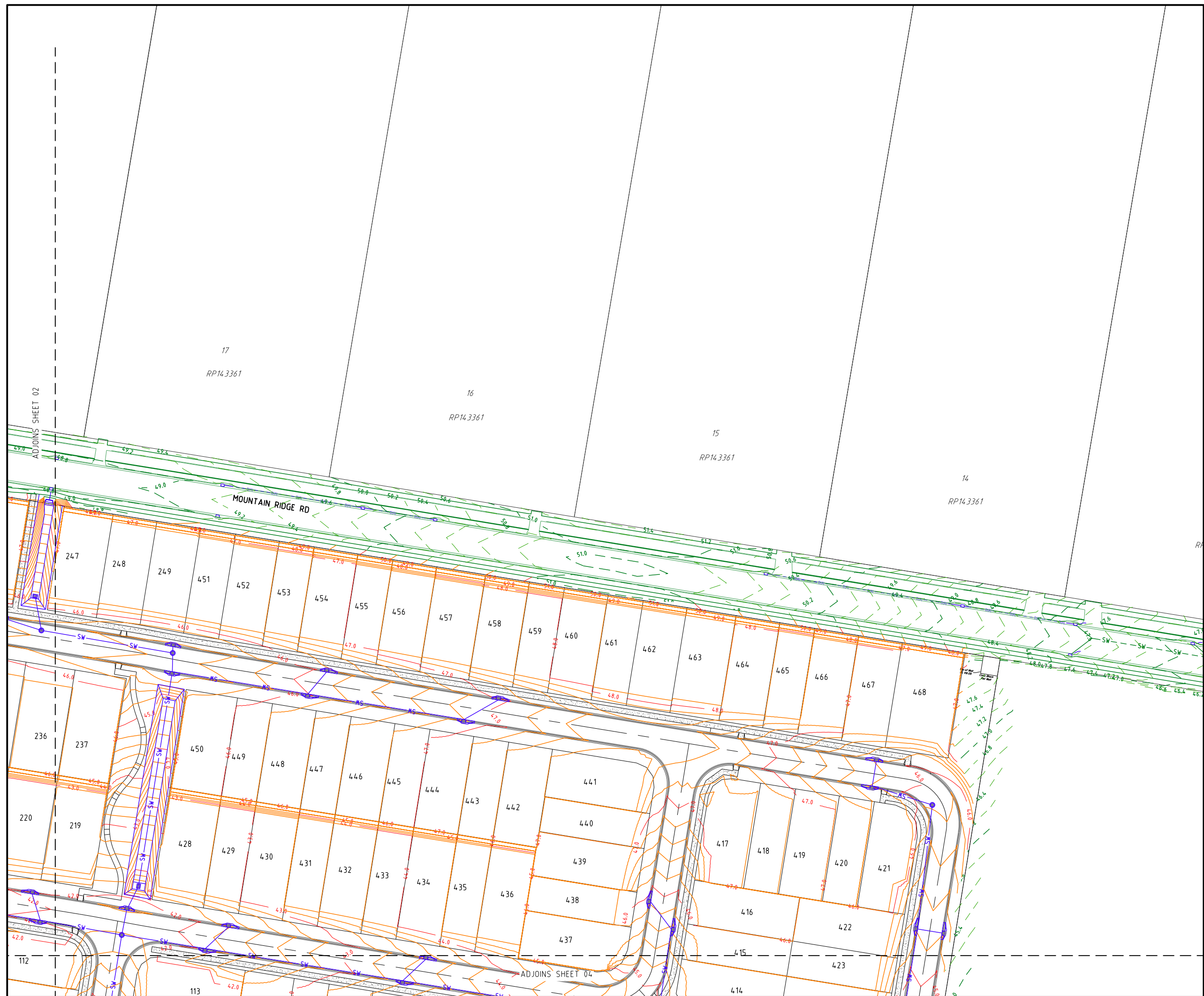
MORTONS
urbansolutions
Civil Engineering
Project Coordination

MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel 07 5571 1099

Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED GW	DRAWN RK
DRAWING NUMBER 37502-PREN-101	
REV C	



PROJECT	NAME
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Flourish

PRELIMINARY
ENGINEERING DRAWINGS

RP DESCRIPTION

Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

C L I E N T



B	06-01-25	LAYOUT AMENDED	GB
A	02-02-24	EDQ ISSUE	BL
REV	DATE	DESCRIPTION	INT

COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND
WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION.
DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

D R A W I N G T I T L E

ROADWORKS
&
STORMWATER
PLAN
SHEET 03



MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN: 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel 07 5571 1099

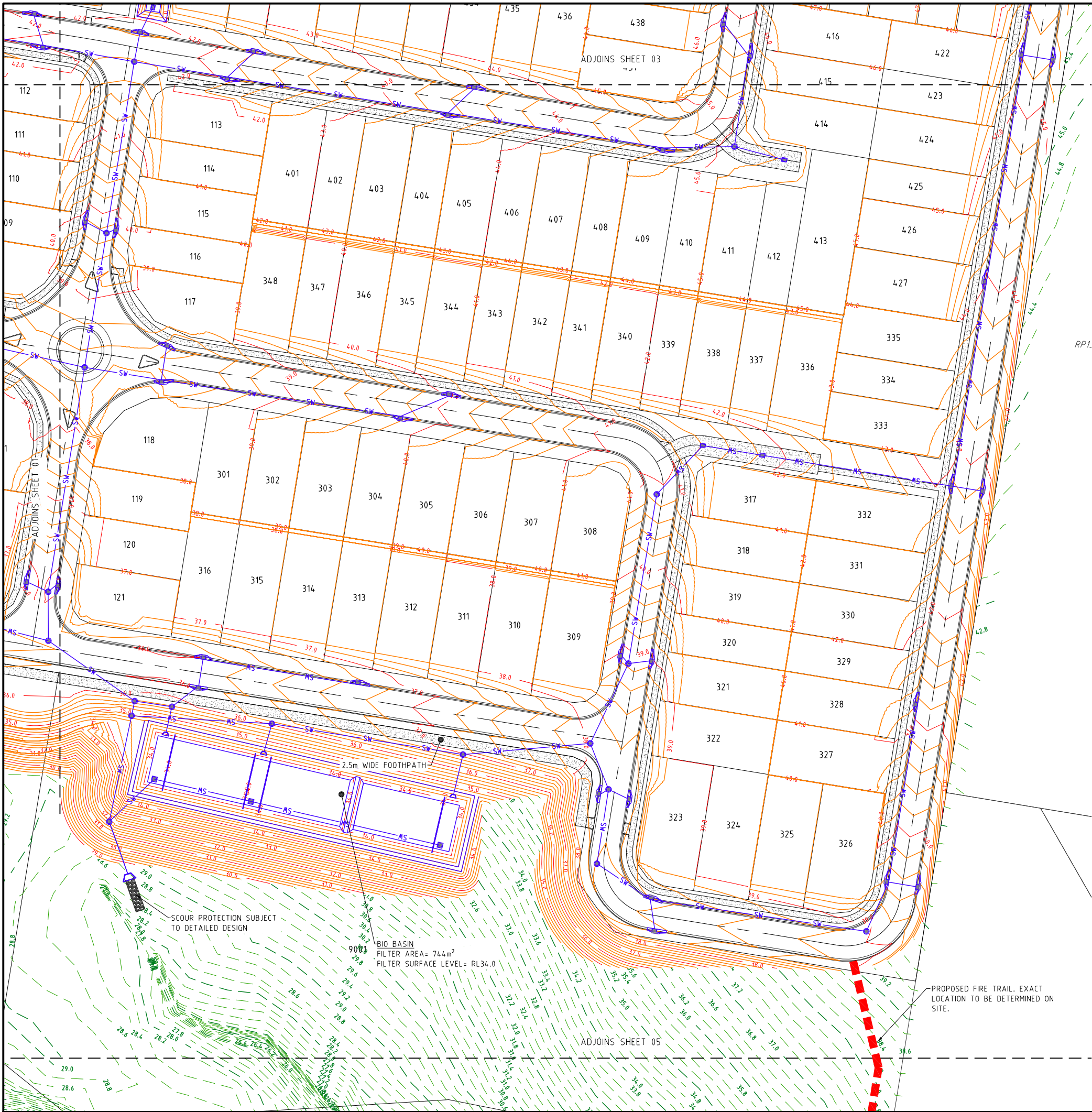
Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED GW	DRAWN RK
-------------	----------

DRAWING NUMBER
37502-PREN-102

v



PROJECT NAME


Flourish


PRELIMINARY
ENGINEERING DRAWINGS

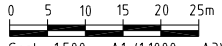
RP DESCRIPTION

Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT

**CEDAR
WOODS**
DEVELOPING TOMORROW TODAY


NORTH


0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

C	13-02-25	FIRE TRAIL ADDED	GB
B	06-01-25	LAYOUT AMENDED	GB
A	02-02-24	EDD ISSUE	BL
REV	DATE	DESCRIPTION	INT


COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION. DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

ROADWORKS
&
STORMWATER
PLAN
SHEET 04

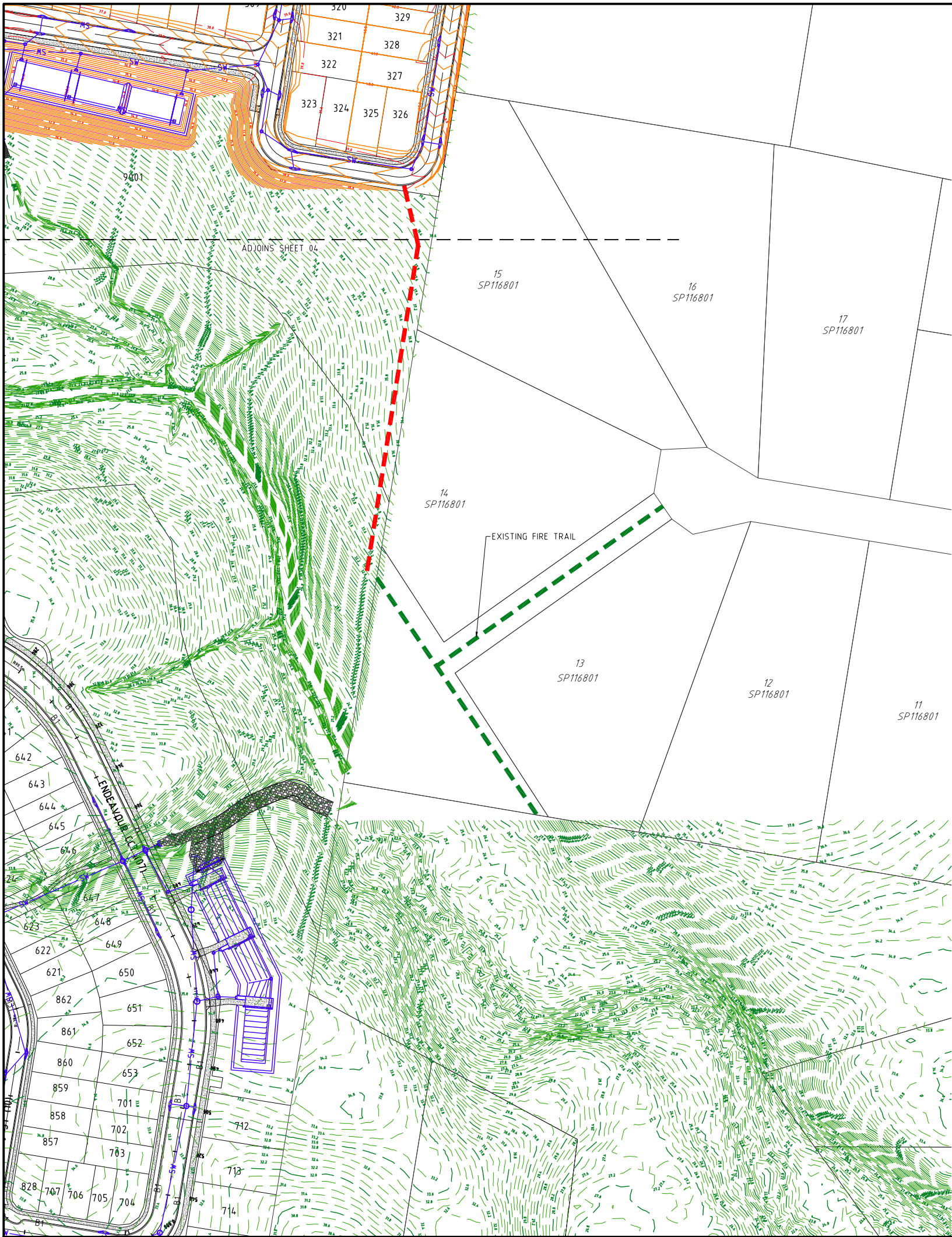
**MORTONS**
urbansolutions
Civil Engineering
Project Coordination

MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN: 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel: 07 5571 1099

Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED	GW	DRAWN	RK
DRAWING NUMBER		REV	
37502-PREN-103		C	



PROJECT NAME


Flourish


PRELIMINARY
ENGINEERING DRAWINGS

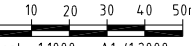
RP DESCRIPTION

Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT

**CEDAR
WOODS**
DEVELOPING TOMORROW TODAY


NORTH


0 10 20 30 40 50m
Scale 1:1000 - A1 (1:2000 - A3)

A	13-02-25	EDQ ISSUE	GB
REV	DATE	DESCRIPTION	INT


COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND
WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION.
DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

FIRE TRAIL
PLAN

**MORTONS**
urbansolutions
Civil Engineering
Project Coordination

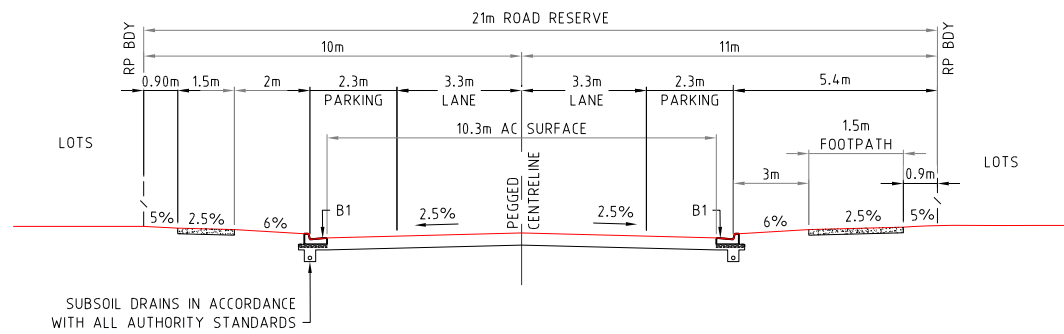
MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN: 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel: 07 5571 1099

Postal Address
PO Box 2484
Southport QLD 4215

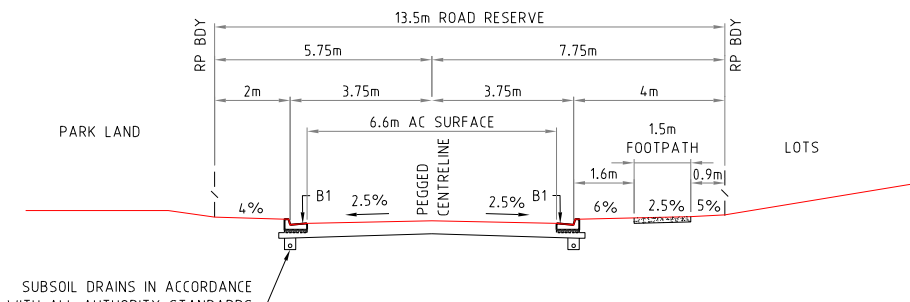
Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED	GW	DRAWN	RK
----------	----	-------	----

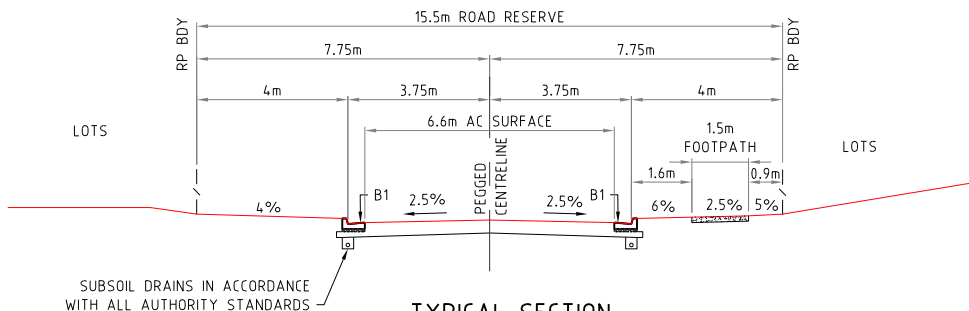
DRAWING NUMBER	REV
37502-PREN-104	A



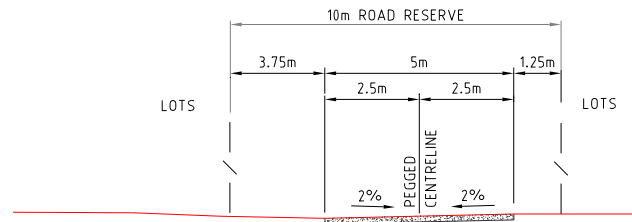
TYPICAL SECTION
11.2m ROAD-21.0m ROAD RESERVE
NEIGHBORHOOD CONNECTOR
SCALE 1:100 - A1 (1:200 - A3)



TYPICAL SECTION
7.5m ROAD-15.5m ROAD RESERVE
NEIGHBORHOOD ACCESS
(REDUCED VERGE)
SCALE 1:100 - A1 (1:200 - A3)



TYPICAL SECTION
7.5m ROAD-15.5m ROAD RESERVE
NEIGHBORHOOD ACCESS
SCALE 1:100 - A1 (1:200 - A3)



TYPICAL SECTION
5.0m DRIVEWAY-10.0 ROAD RESERVE
SCALE 1:100 - A1 (1:200 - A3)

PROJECT NAME

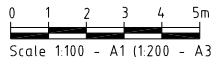
Flourish

PRELIMINARY
ENGINEERING DRAWINGS

RP DESCRIPTION

Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT



Scale 1:100 - A1 (1:200 - A3)

B	07-02-25	SECTIONS UPDATED	GB
A	02-02-24	COUNCIL ISSUE	GB
REV	DATE	DESCRIPTION	INT

COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND
WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION.
DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

ROADWORKS
DETAILS
SHEET 01



MUS Pty Ltd T/As: Postal Address
Mortons-Urban Solutions PO Box 2484
ABN: 39 116 375 065 Southport QLD 4215
mortons@urbansolutions.net.au
www.urbansolutions.net.au Gold Coast Office
Tel: 07 5571 1099 Suite 9, 19 Short St
Southport QLD 4215

DESIGNED GW DRAWN RK

DRAWING NUMBER

37502-PREN-120

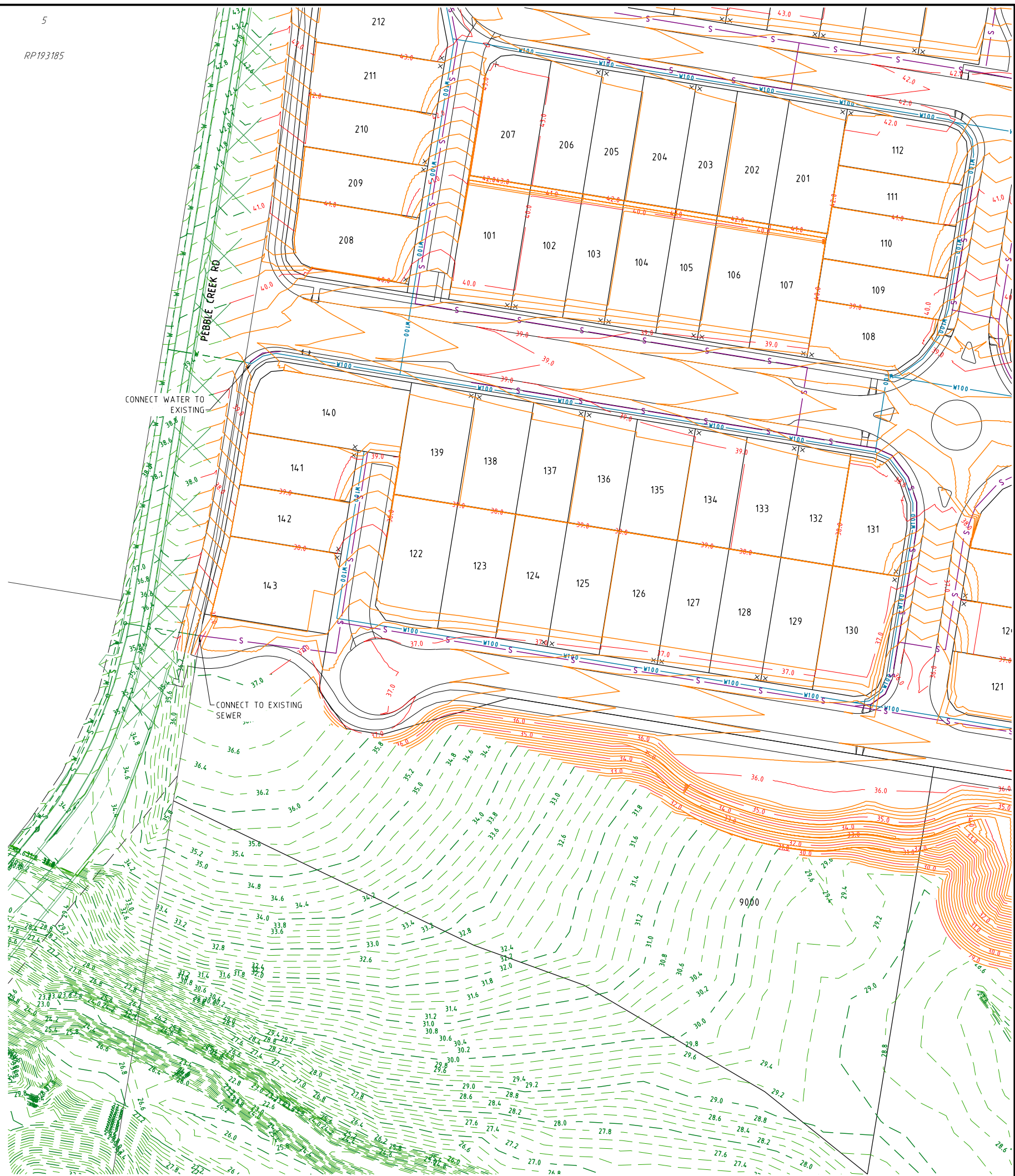
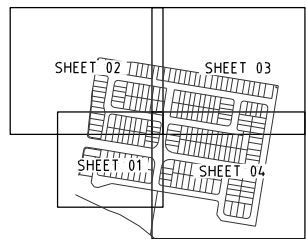
REV

B

LEGEND

- EXISTING SEWER
- EXISTING WATER MAIN
- EXISTING KERB (INVERT)
- EXISTING FOOTPATH
- EXISTING PROPERTY LINE
- EXISTING RETAINING WALL
- EXISTING CONTOURS
- FUTURE SEWER
- FUTURE 100Ø WATER MAIN
- FUTURE KERB (INVERT)
- FUTURE FOOTPATH
- FUTURE PROPERTY LINE
- FUTURE RETAINING WALL
- FUTURE CONTOURS
- SITE BOUNDARY
- STAGE BOUNDARY
- PROPOSED KERB (INVERT)
- PROPOSED FOOTPATH
- PROPOSED PROPERTY LINE
- PROPOSED RETAINING WALL
- DESIGN CONTOURS
- PROPOSED SEWER
- PROPOSED 100Ø WATER MAIN
- PROPOSED 150Ø WATER MAIN
- SEWER ID
- SEWER MANHOLE
- SEWER RODDING END
- SEWER BEND
- SEWER MAINTENANCE SHAFT
- SEWER END CAP
- HYDRANT
- TEE
- REDUCER
- SLUICE VALVE
- ENDCAP
- SCOUR VALVE
- AIR VALVE
- METER LOCATION
- TRENCH STOP
- SERVICE CONDUIT
- DICL ROAD CROSSING

SHEET LAYOUT



PROJECT NAME

Flourish

PRELIMINARY
ENGINEERING DRAWINGS

RP DESCRIPTION

Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT

CEDAR WOODS
DEVELOPING TOMORROW TODAY

0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

B	03-02-25	LAYOUT AMENDED	GB
A	02-02-24	EDD ISSUE	BL
REV	DATE	DESCRIPTION	INT

COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION. DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

SEWER & WATER
RETICULATION
PLAN
SHEET 01

MORTONS
urbansolutions
Civil Engineering
Project Coordination

MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel 07 5571 1099

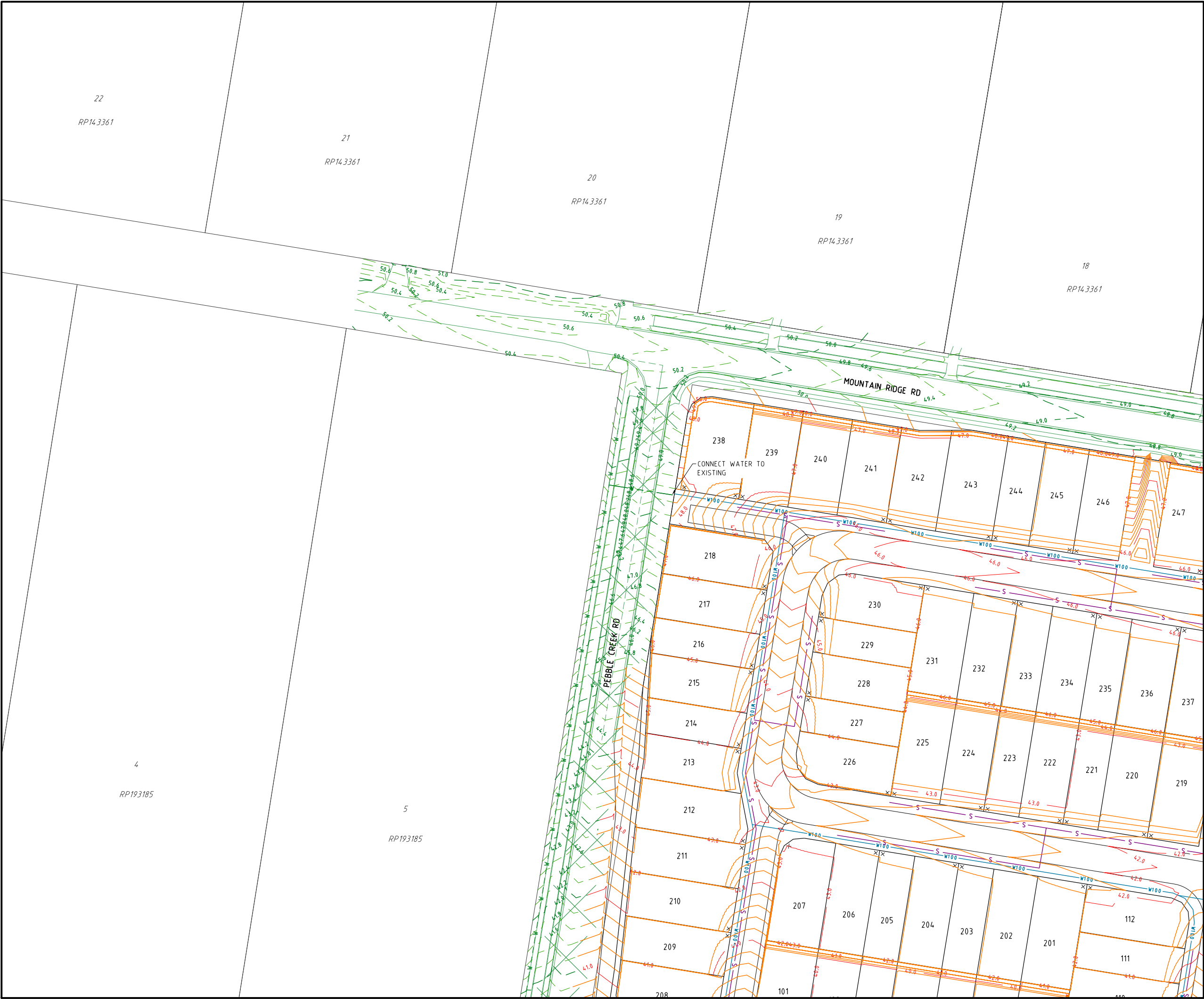
Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED GW	DRAWN RK
-------------	----------

DRAWING NUMBER	REV
37502-PREN-500	B






PROJECT NAME


Flourish

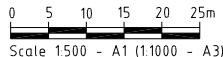
PRELIMINARY
ENGINEERING DRAWINGS

RP DESCRIPTION
Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT

**CEDAR
WOODS**
DEVELOPING TOMORROW TODAY


NORTH


0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

B	04-02-25	LAYOUT AMENDED	GB
A	02-02-24	EDD ISSUE	BL
REV	DATE	DESCRIPTION	INT


COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION. DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

SEWER & WATER
RETICULATION
PLAN
SHEET 02

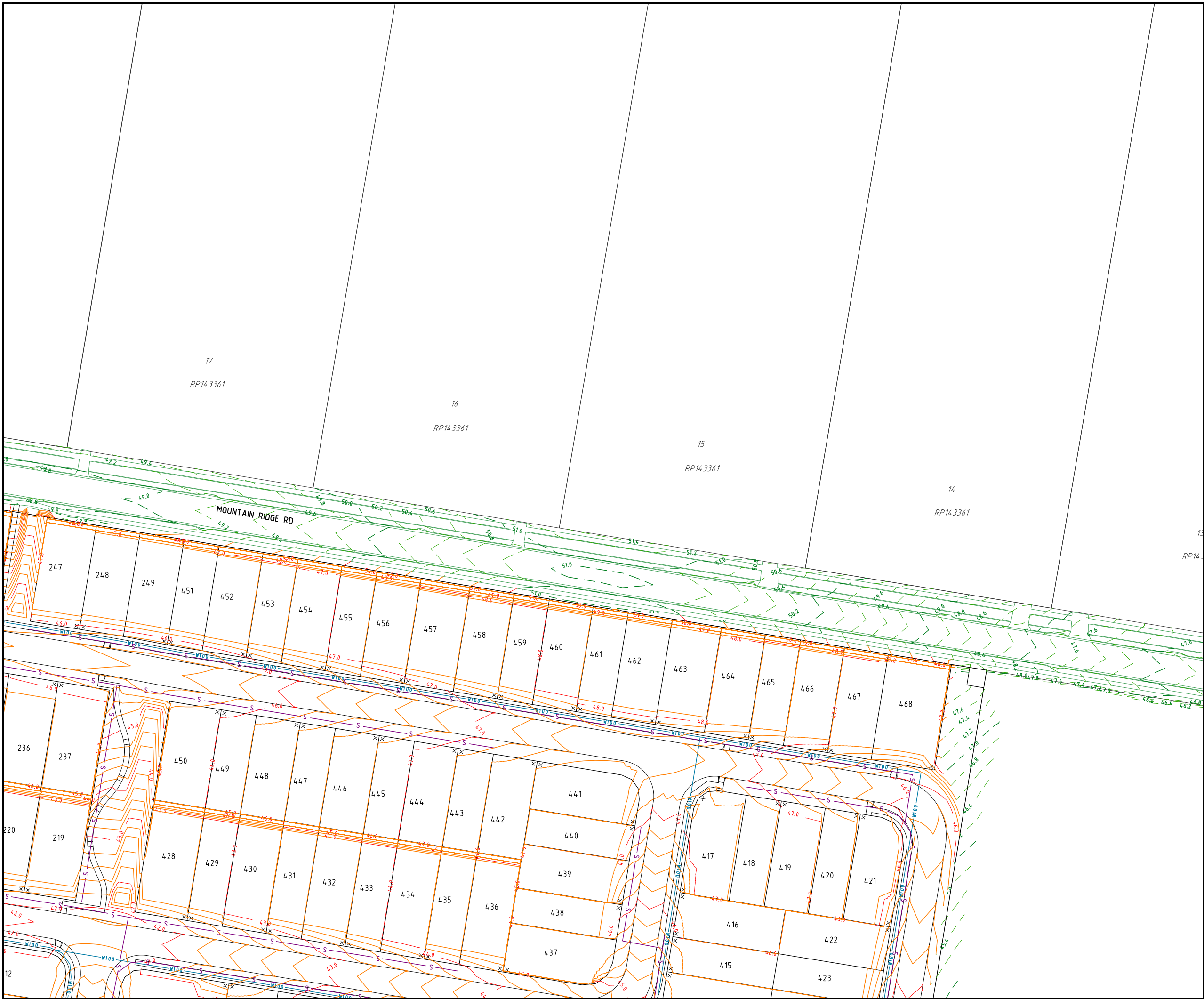
**MORTONS**
urbansolutions
Civil Engineering
Project Coordination

MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN: 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel: 07 5571 1099

Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED	GW	DRAWN	RK
DRAWING NUMBER		REV	
37502-PREN-501		B	




PROJECT NAME


Flourish

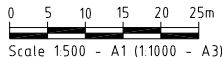
PRELIMINARY
ENGINEERING DRAWINGS

RP DESCRIPTION
Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT

**CEDAR
WOODS**
DEVELOPING TOMORROW TODAY


NORTH


0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

B	04-02-25	LAYOUT AMENDED	GB
A	02-02-24	EDD ISSUE	BL
REV	DATE	DESCRIPTION	INT


COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION. DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

SEWER & WATER
RETICULATION
PLAN
SHEET 03

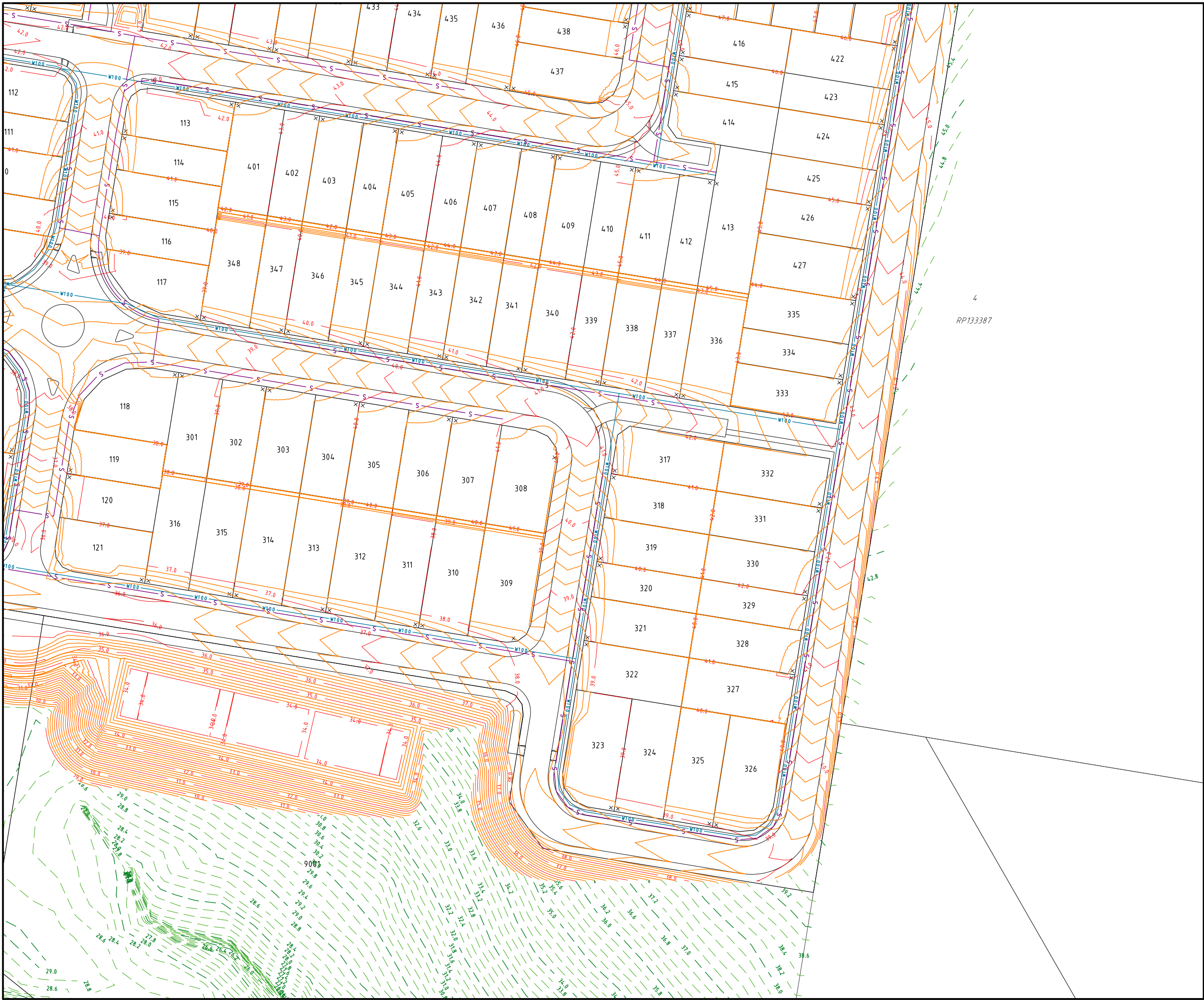
**MORTONS**
urbansolutions
Civil Engineering
Project Coordination

MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN: 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel: 07 5571 1099

Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED	GW	DRAWN	RK
DRAWING NUMBER		REV	
37502-PREN-502		B	



PROJECT NAME


Flourish


PRELIMINARY
ENGINEERING DRAWINGS

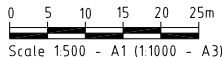
RP DESCRIPTION

Lot 30 SP309195
MOUNTAIN RIDGE ROAD
LOCALITY OF SOUTH MACLEAN
LOCAL AUTHORITY-EDQ

CLIENT

**CEDAR
WOODS**
DEVELOPING TOMORROW TODAY


NORTH


0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

B	04-02-25	LAYOUT AMENDED	GB
A	02-02-24	EDD ISSUE	BL
REV	DATE	DESCRIPTION	INT


COPYRIGHT IS VESTED IN MORTONS-URBAN SOLUTIONS AND
WRITTEN CONSENT IS REQUIRED PRIOR TO REPRODUCTION.
DO NOT SCALE FROM THIS DRAWING.

ASSOCIATED CONSULTANTS

SAUNDERS HAVILL
SLR
PETER EUSTACE & ASSOCIATES

DRAWING TITLE

SEWER & WATER
RETICULATION
PLAN
SHEET 04

**MORTONS**
urbansolutions
Civil Engineering
Project Coordination

MUS Pty Ltd T/As:
Mortons-Urban Solutions
ABN 39 116 375 065
mortons@urbansolutions.net.au
www.urbansolutions.net.au
Tel 07 5571 1099

Postal Address
PO Box 2484
Southport QLD 4215

Gold Coast Office
Suite 9, 19 Short St
Southport QLD 4215

DESIGNED	GW	DRAWN	RK
DRAWING NUMBER		REV	
37502-PREN-503		B	