

PROPOSED RECONFIGURATION

Lots 8051 - 8074
Cancelling Lots 5000 on SP283208 &
Lot 5001 on SP268596

Parish of Bohle
County of Elphinstone
City of Townsville


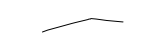

STAGE 803

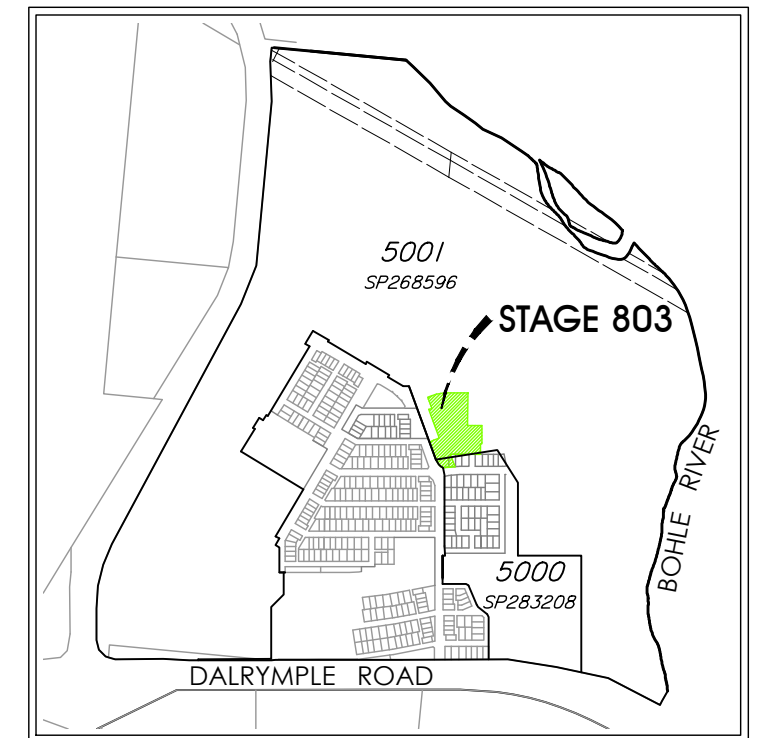
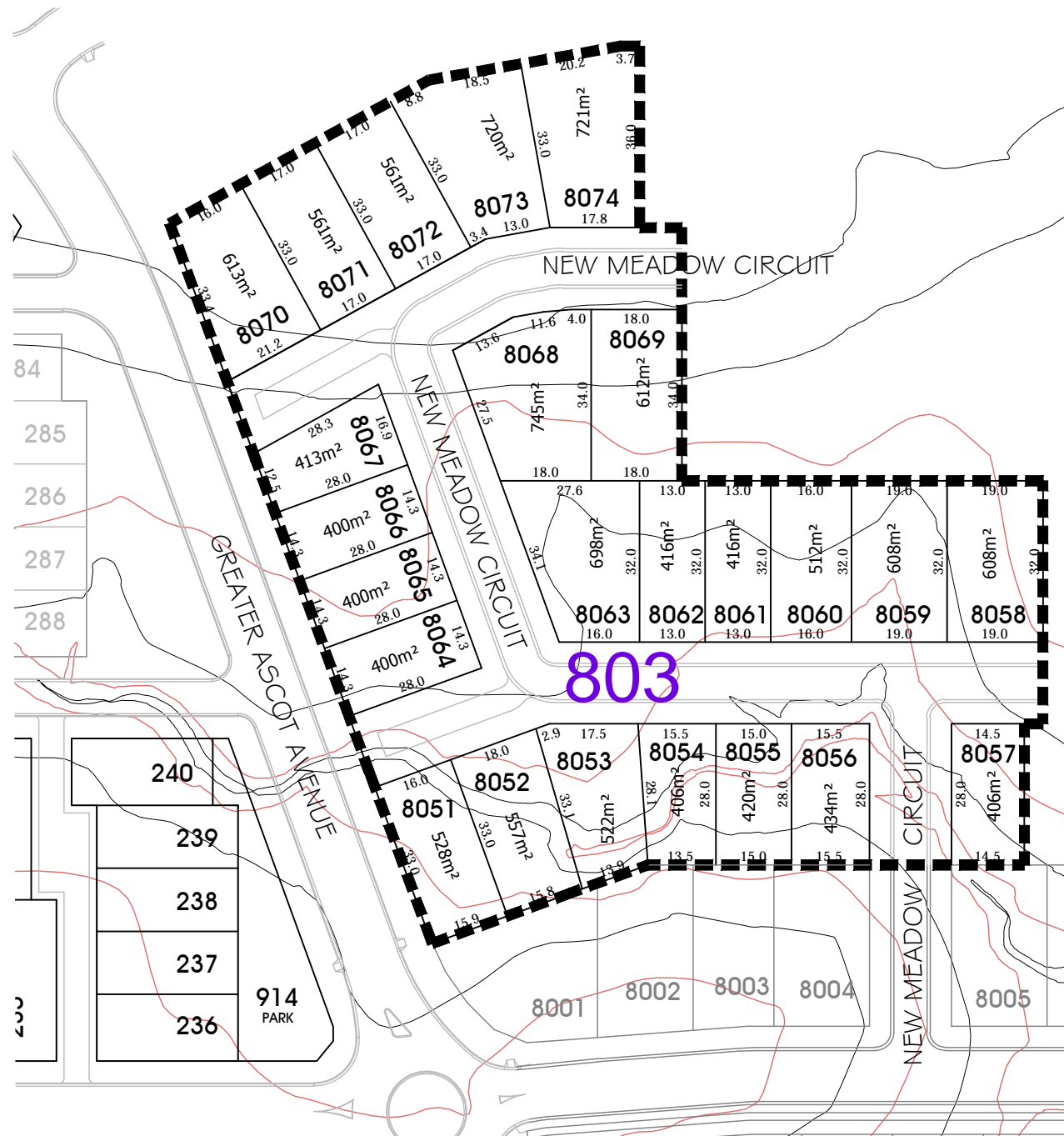
Total Site Area 1.78 ha

Total Lots..... 24

Average Lot Area..... 528m²

Total Length of New Road 327m

-  1.5m path
-  1.0m contour
-  0.5m contour



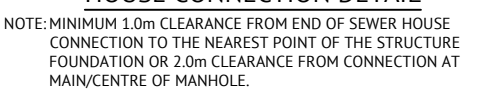
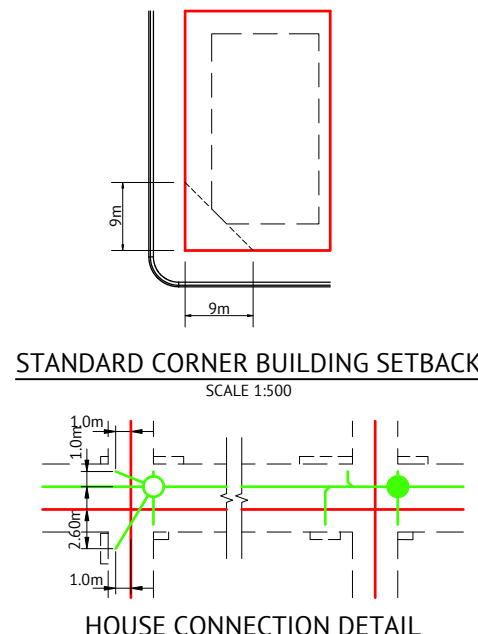
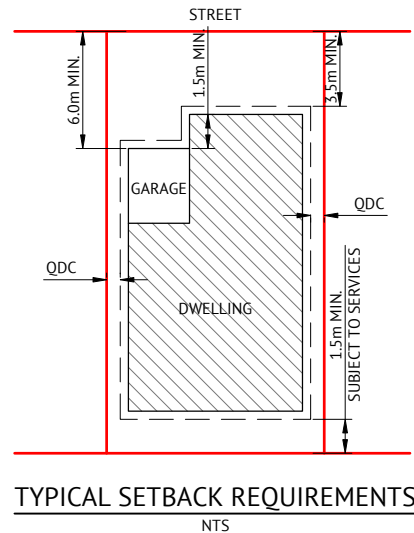
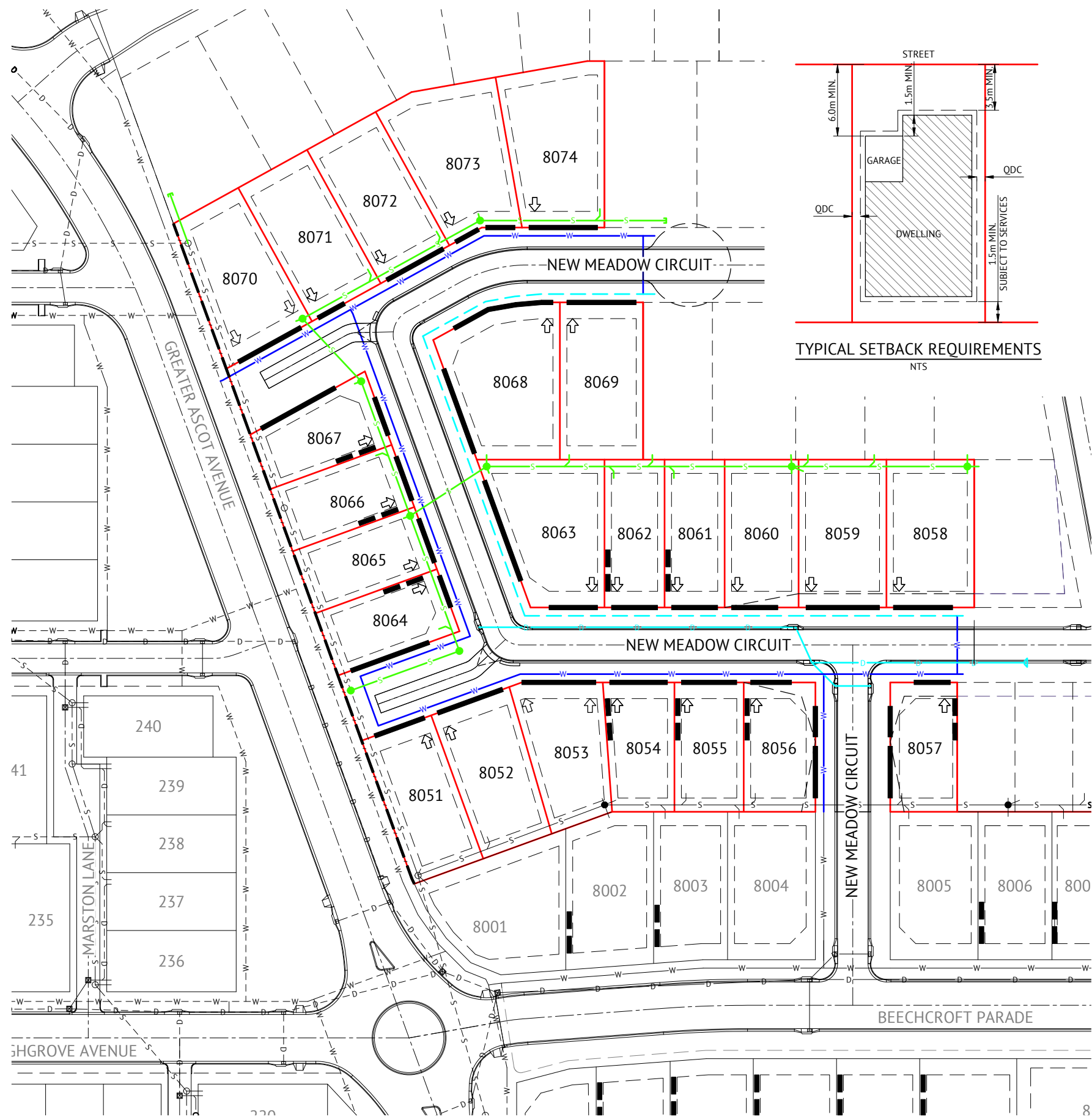
LOCALITY 1:20,000

Notes

Corner Sight Lines:
Comply with sight lines requirement of the Queensland Development Code on road corners.
This is typically 9m x 9m exclusion zone based boundaries.
For clipped corners and lots with park frontages typically this is a 18m x 18m exclusion zone based on the edge of the traffic lane.
Rear access lanes are exempted from this requirement.

APPROVED SUBJECT TO CONDITIONS

PLANNING AND COMMUNITY ENGAGEMENT
RECEIVED: 27/09/2017



NOTE: MINIMUM 1.0m CLEARANCE FROM END OF SEWER HOUSE CONNECTION TO THE NEAREST POINT OF THE STRUCTURE FOUNDATION OR 2.0m CLEARANCE FROM CONNECTION AT MAIN/CENTRE OF MANHOLE.

DRIVEWAY ACCESS ENVELOPES

- FOR DRIVEWAY ACCESS ENVELOPES ALLOW 0.5m MINIMUM CLEARANCE TO ALL COUNCIL INFRASTRUCTURE, EXCEPT STORMWATER PITS WHICH REQUIRE 0.6m MINIMUM CLEARANCE, AND SEWERAGE HOUSE CONNECTIONS WHICH REQUIRE 1.2m CLEARANCE.
- ALL DRIVEWAYS REQUIRE A PERMIT FROM COUNCIL PRIOR TO CONSTRUCTION.

#NOTE: OUTBUILDING (CARPORT/GARAGE) - THE BALANCE OF THE LOT BOUNDARY ADJACENT TO THE OUTBUILDINGS WHERE LOCATED ALONG A ROAD RESERVE INCLUDING LANES MUST REMAIN OPEN WITH NO ADDITIONAL STRUCTURES PERMITTED ALONG THAT BOUNDARY (EXCLUDING BOUNDARY FENCING WHICH ALLOWS AIRFLOW THROUGH THE BARRIER).
*NOTE: CLEARANCES TO SEWER LINES AND MANHOLES ARE REQUIRED IN ACCORDANCE WITH COUNCIL POLICY.

LEGEND

- POSSIBLE BUILT TO BOUNDARY WALL MAX 9m LONG AND APPLICABLE TO GARAGE OR CLASS 10A BUILDINGS ONLY WHICH SHALL CONFORM TO THE REQUIREMENTS OF THE QUEENSLAND DEVELOPMENT CODE
- INDICATIVE BUILDING ENVELOPE
- ALLOWABLE DRIVEWAY ACCESS
- STORMWATER DRAINAGE LINE
- SUBSOIL DRAIN & CLEANOUT POINT
- WATER MAIN, FIRE HYDRANT & VALVE
- POLYETHYLENE WATER MAIN
- SEWER MAIN & MANHOLE
- PREFERRED DRIVEWAY LOCATION
- NOISE FENCE
- ERGON CABINET
- EXISTING SEWER MAIN & MANHOLE
- EXISTING WATER MAIN
- EXISTING STORMWATER

BUILDING ENVELOPES

- THE BUILDING ENVELOPES ARE TO COMPLY WITH THE DESIGN CODE SHOWN ON THIS PLAN. GREATER SETBACKS MAY BE REQUIRED TO ACCOMMODATE THE ZONE OF INFLUENCE OF UNDERGROUND SERVICES AS STATED IN COUNCIL'S POLICY ON BUILDING OVER OR ADJACENT TO SEWERS.
- INDICATIVE BUILDING ENVELOPES SHOWN ARE QDC GROUND DWELLING ONLY AND DO NOT ACCOUNT FOR BATTERS OR RETAINING WALLS. A SITE INSPECTION IS REQUIRED PRIOR TO COMMENCEMENT OF DESIGN. REFER DESIGN CODE FOR UPPER FLOOR AND GARAGE SETBACKS.

CORNER SIGHT LINES

- COMPLY WITH SIGHT LINES REQUIREMENT OF THE QUEENSLAND DEVELOPMENT CODE AT INTERSECTIONS OF ROADS. INTERSECTIONS OF LANES AND ROADS ARE EXEMPTED FROM THIS REQUIREMENT.
- THE QUEENSLAND DEVELOPMENT CODE TYPICALLY REQUIRES A 9mx9m EXCLUSION ZONE BASED ON BOUNDARIES.

LIGHT POLES & TELSTRA PITS HAVE NOT BEEN SHOWN

DESIGN CODE - ALL ALLOTMENTS

TYPE	HOUSE, FRONT LOADED
LOT ACCESS	FRONT
LOT DEPTH (MIN)	25m (20m WHERE 15m WIDTH PROPOSED)
LOT WIDTH (MIN)	12.5m
SITE COVERAGE	55%
SETBACK FRONT GROUND (MIN)	3.5m
SETBACK FRONT UPPER (MIN)	3.5m
SETBACK FRONT GARAGE	6.0m FROM FRONT OF GARAGE WALL & 1.5m MIN FROM DWELLING. AN ALTERNATIVE TO 1.5m MIN FROM DWELLING MAY BE PERMITTED, SUBJECT TO PARKSIDE APPROVAL AT TIME OF COVENANT APPROVAL.
SETBACK PRINCIPAL SIDE GROUND (MIN)	QDC
SETBACK PRINCIPAL SIDE UPPER (MIN)	QDC
SETBACK ROAD/ROAD CORNER (MIN)	2m
SETBACK PRINCIPLE REAR (MIN)	3.0m
OUTBUILDING # (CARPORT/GARAGE) WIDTH (MAX FROM OUTSIDE WALL)	N/A
OUTBUILDING # (CARPORT/GARAGE) & RESIDENTIAL OVER OUTBUILDING SETBACK TO LANE	N/A
OUTBUILDING # (CARPORT/GARAGE) & RESIDENTIAL OVER OUTBUILDING SIDE SETBACK OTHER THAN TO LANE (MIN)	QDC
OUTBUILDING (SHED) WIDTH (MAX)	LESSER OF 50% OF REAR BOUNDARY OR 9m
OUTBUILDING (SHED) DEPTH (MAX)	9m
OUTBUILDING (SHED) REAR SETBACK	0-1.0m
OUTBUILDING (SHED) SIDE SETBACK	ZERO IF LOT 12.5m WIDE. AS PER PRINCIPAL SETBACK IF LOT >12.5m WIDE
FLOOR HEIGHT PRINCIPAL (MIN)	400mm
MAXIMUM STOREYS	2 STOREYS
PRIVATE OPEN SPACE (MIN) (MAY BE COVERED)	4mx4m
PARKING (MIN)	TWO (2), ONE OF WHICH MUST BE COVERED

FOR CONSTRUCTION

DATE	REV	DESCRIPTION	REC	APP
26/10/2022	A	ISSUED FOR CONSTRUCTION	G.F.	P.P.
30/06/2022	1	PRELIMINARY - NOT FOR CONSTRUCTION	G.F.	P.P.

Premise

TOWNSVILLE OFFICE
84 DENHAM STREET
PO BOX 1110
TOWNSVILLE, QLD 4810
PH: (07) 4772 0666
WEB: www.premise.com.au

DESIGNED
G.F.YSH
CHECKED
P.PETERSEN
PROJECT MANAGER
P.PETERSEN
ENGINEERING CERTIFICATION

P.PETERSEN RPEQ 13231

SCALE
0 10 20 30m
SCALE 1:500 (A1)
ORIGINAL SHEET SIZE A1

CLIENT
PARKSIDE DEVELOPMENT PTY LTD

PROJECT
GREATER ASCOT STAGE 803

LOCATION
GREATER ASCOT AVENUE, SHAW

SHEET TITLE
BUILDING ENVELOPE & DRIVEWAY ACCESS PLAN - GREATER ASCOT

JOB CODE
PAR-0080

SHEET NUMBER
C016

REV
A

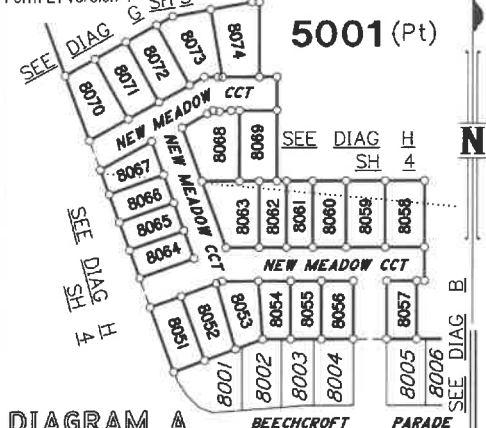


DIAGRAM A
Scale 1:2500

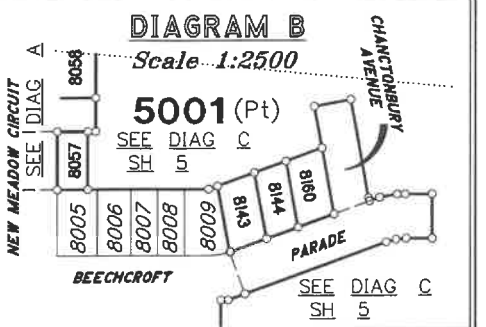
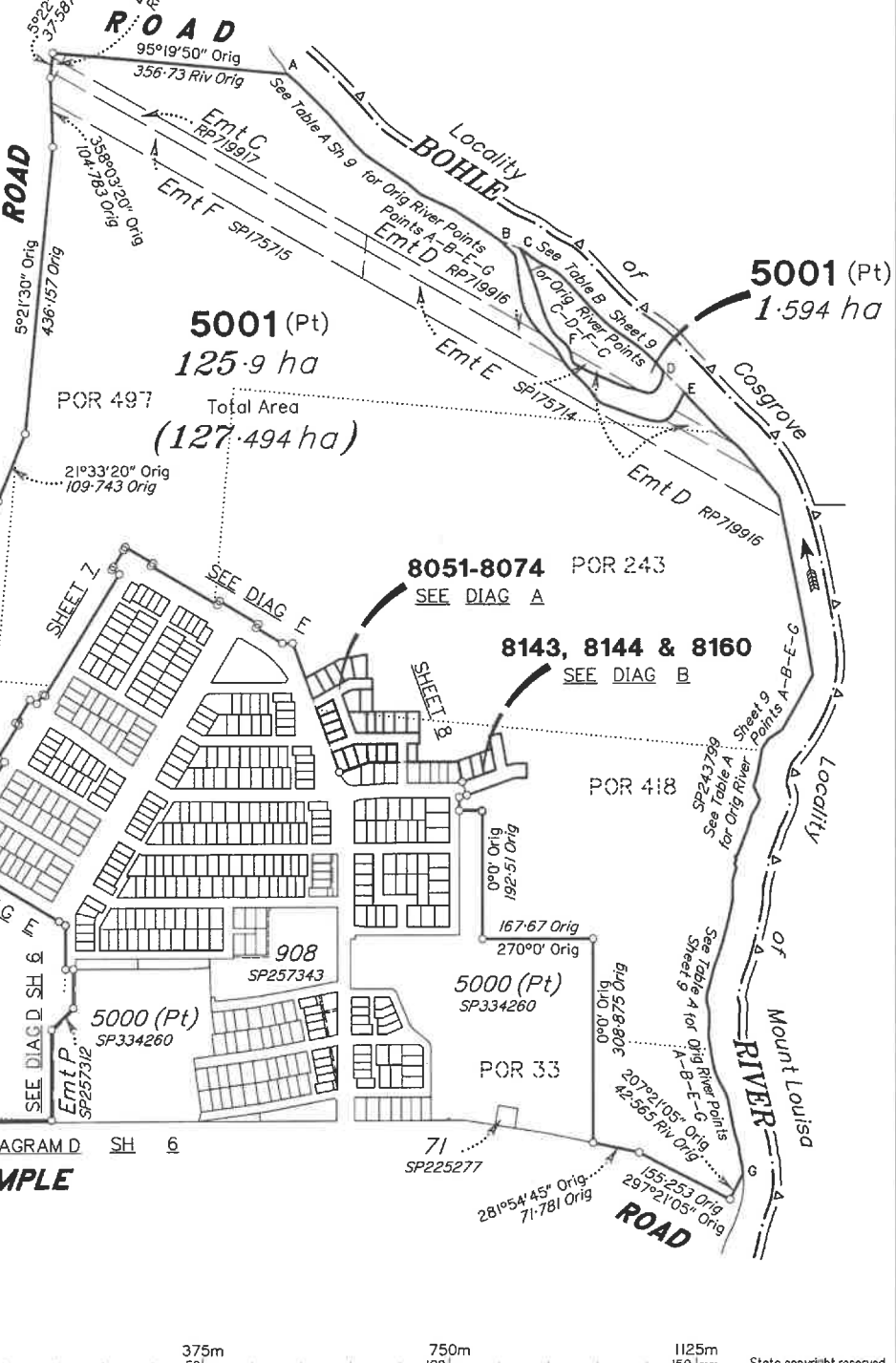


DIAGRAM B
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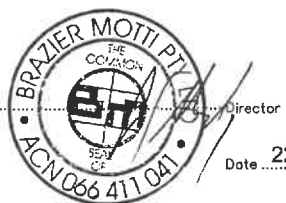
For Survey Report See Sheet 9
For Reference Mark Tabulation See Sheet 9
For Permanent Mark Tabulation See Sheet 9
For Traverse Tabulation See Sheet 9
For River Points Tabulation See Sheet 9
Original information compiled from
SP243799 & SP335151 in the
Department of Resources.
Peg placed at all new corners
unless otherwise stated.

Area of New Road

NEW MEADOW CIRCUIT (33-39-37-38-40a-40b-41-45-44-48-49- 50-20a-21a-51-52-30-31-43-42-32-33)	5117 m ²
CHANCTONBURY AVENUE (54-55-56-62-57-53-54)	918 m ²
BEECHCROFT PARADE (16a-58-57-62-63-61-60-59-16b-16a)	2120 m ²
Total Area	8155 m²



BRAZIER MOTTI PTY LTD (ACN 066 411 041) hereby certify that the land comprised in this plan was surveyed by the corporation, by Vaughn Peter GOLDING, Surveying Graduate, for whose work the corporation accepts responsibility, under the supervision of Geoffrey Edwin OSBALDISTON, Cadastral Surveyor, and that the plan is accurate, that the said survey was performed in accordance with the Survey and Mapping Infrastructure Act 2003 and Surveyors Act 2003 and associated Regulations and Standards and that the said survey was completed on 11th May, 2023.



Date 22-05-23

Scale: 1:7500
Format: STANDARD

**Plan of Lots 5001, 8051-8074,
8143, 8144 & 8160**

cancelling Lot 5001 on SP335151

LOCAL GOVERNMENT: TOWNSVILLE CITY COUNCIL
LOCALITY: SHAW
Meridion: MGA (Zone 55) vide DP332259
Survey Records: No



SP340651

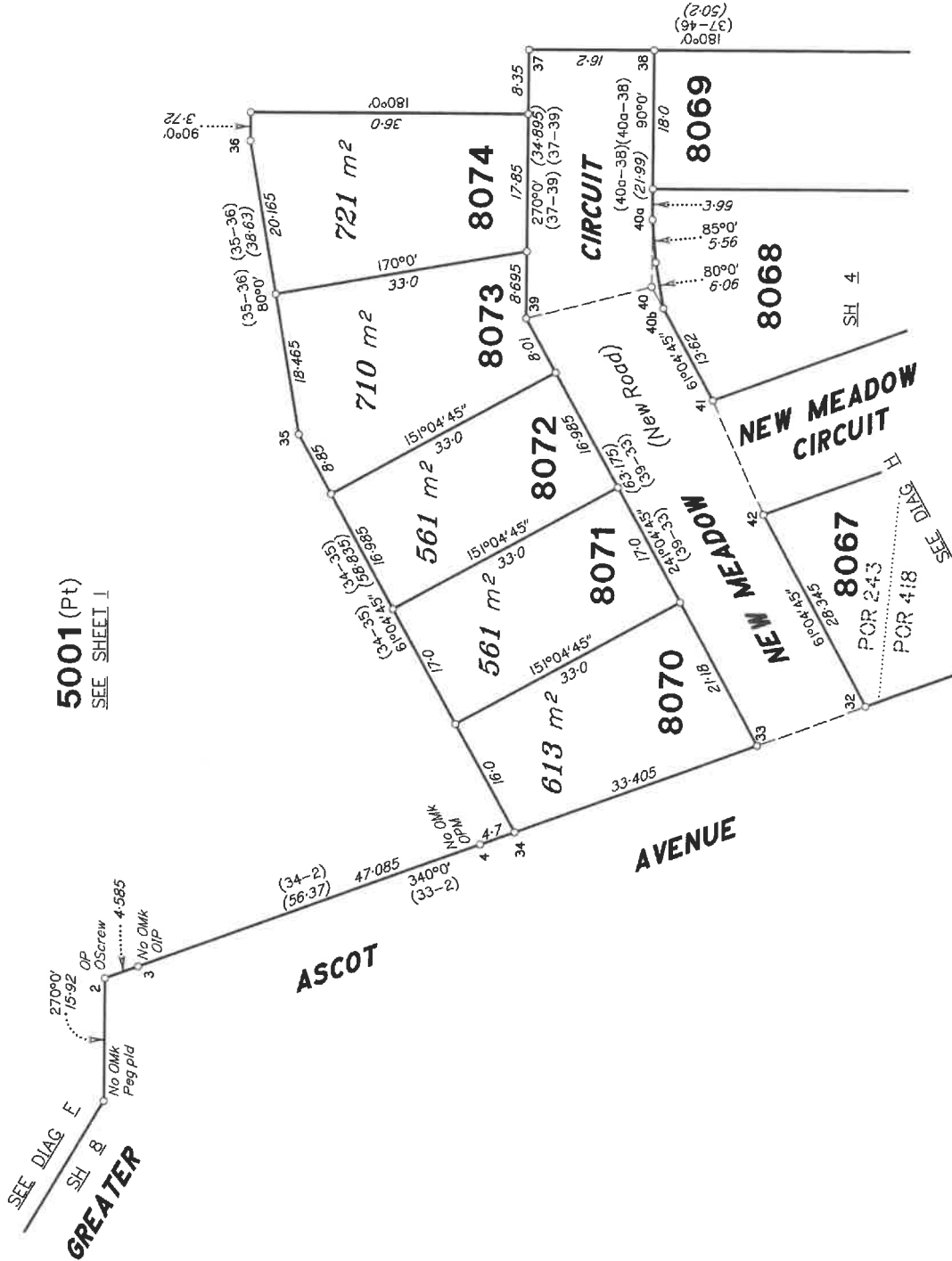
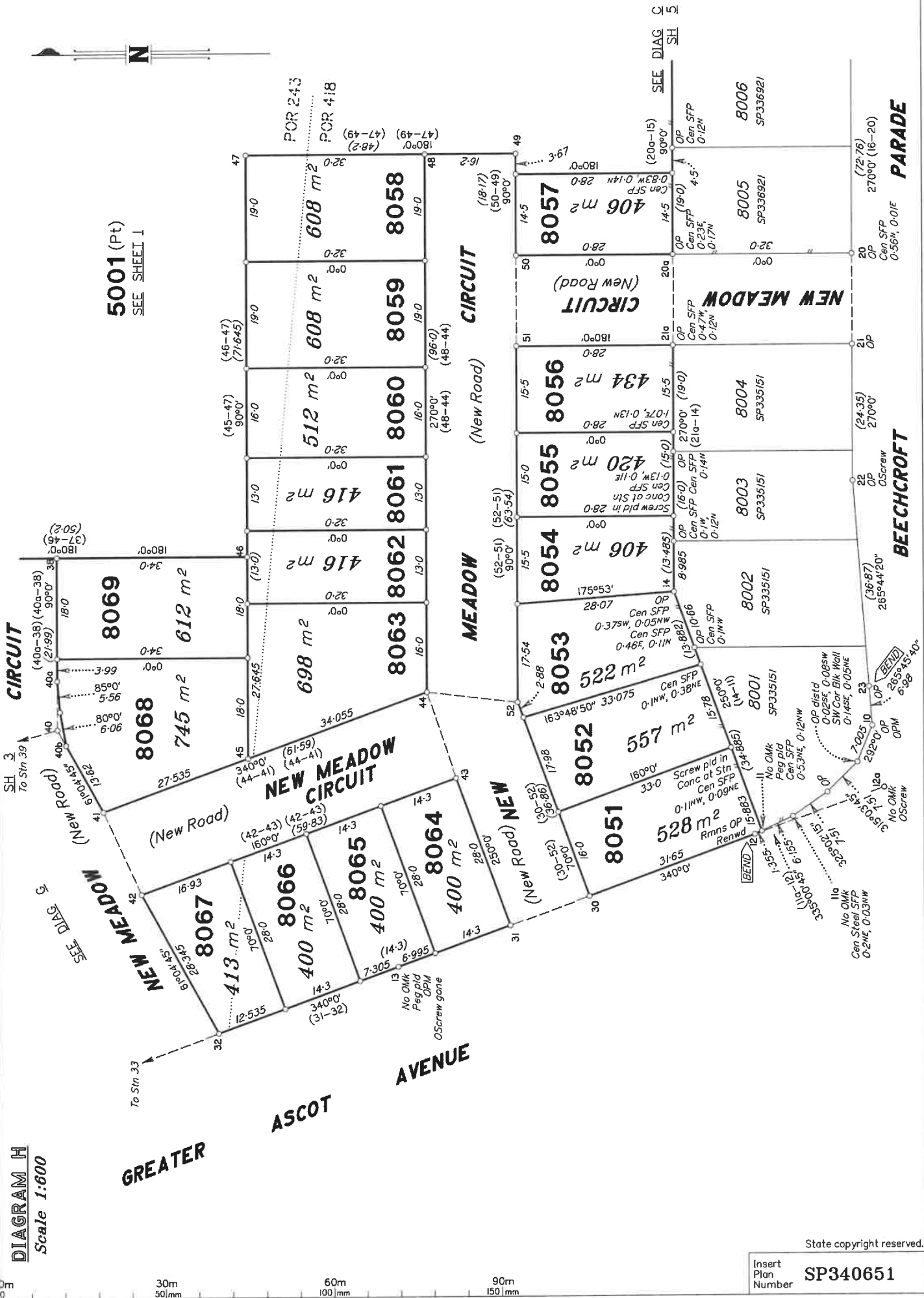


DIAGRAM G
Scale 1:600



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Insert Plan Number
SP340651



5001 (Pt)
SEE SHEET 1

DIAGRAM H
Scale 1:600

GREATER
ASCOT
AVENUE

CIRCUIT
(New Road)

MEADOW
(New Road)

NEW MEADOW
CIRCUIT
(New Road)

NEW
(New Road)

NEW MEADOW
CIRCUIT
(New Road)

PARADE

BEECHCROFT

8069
612 m²

8068
745 m²

8067
413 m²

8066
400 m²

8065
400 m²

8064
400 m²

8058
608 m²

8059
608 m²

8060
512 m²

8061
416 m²

8062
416 m²

8063
698 m²

8052
557 m²

8051
528 m²

8057
406 m²

8056
434 m²

8055
420 m²

8054
406 m²

8053
522 m²

8052
557 m²

8051
528 m²

8006
8006
SP336921

8005
8005
SP336921

8004
8004
SP335151

8003
8003
SP335151

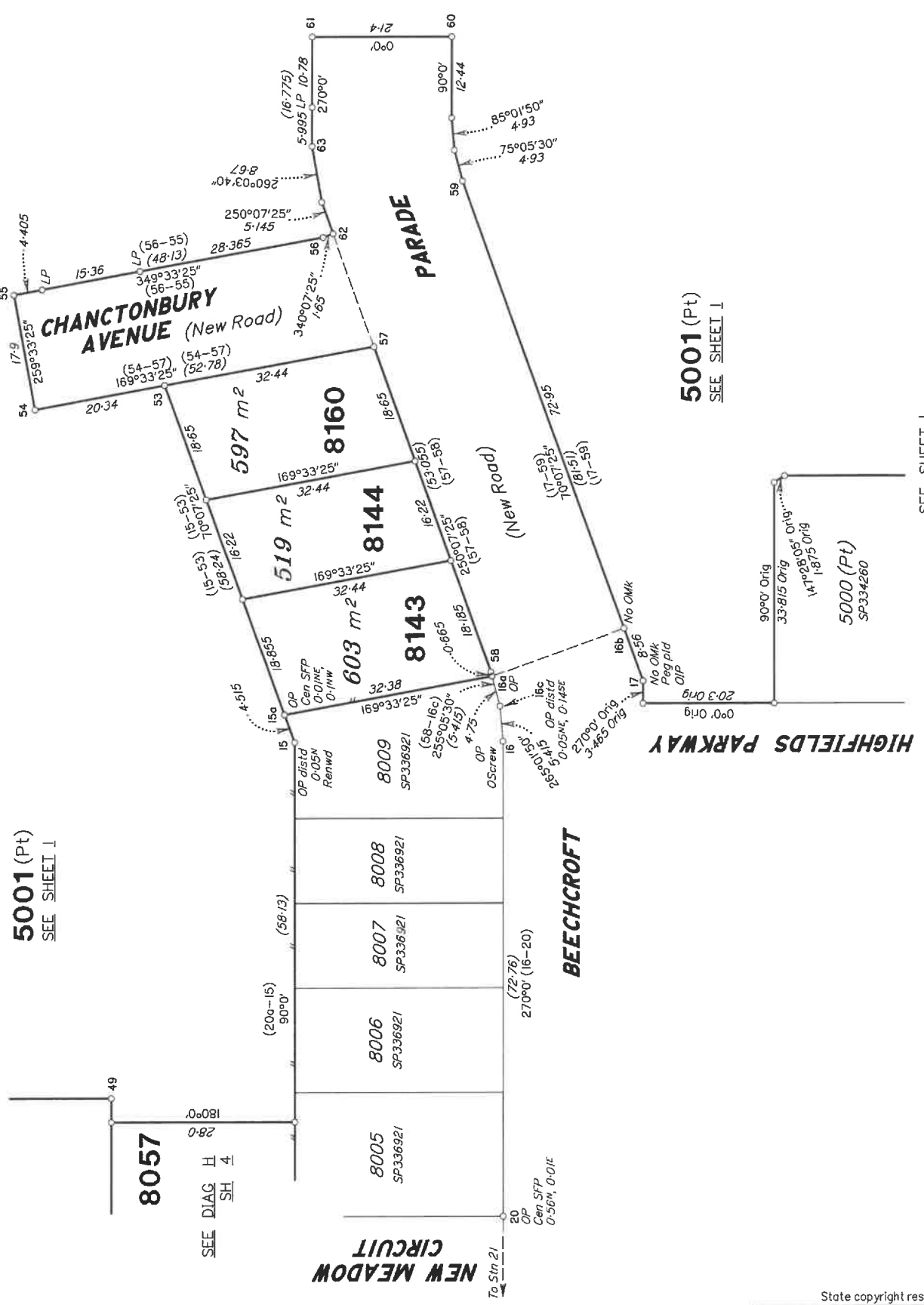
8002
8002
SP335151

8001
8001
SP335151



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Insert Plan Number SP340651

DIAGRAM C
Scale 1:600



5001 (Pt)
SEE SHEET I

8057

SEE DIAG H
SH 4

NEW MEADOW CIRCUIT

8005 SF3336921
8006 SF3336921
8007 SF3336921
8008 SF3336921
8009 SF3336921
603 m²
8143
519 m²
597 m²
8160

BEECHCROFT

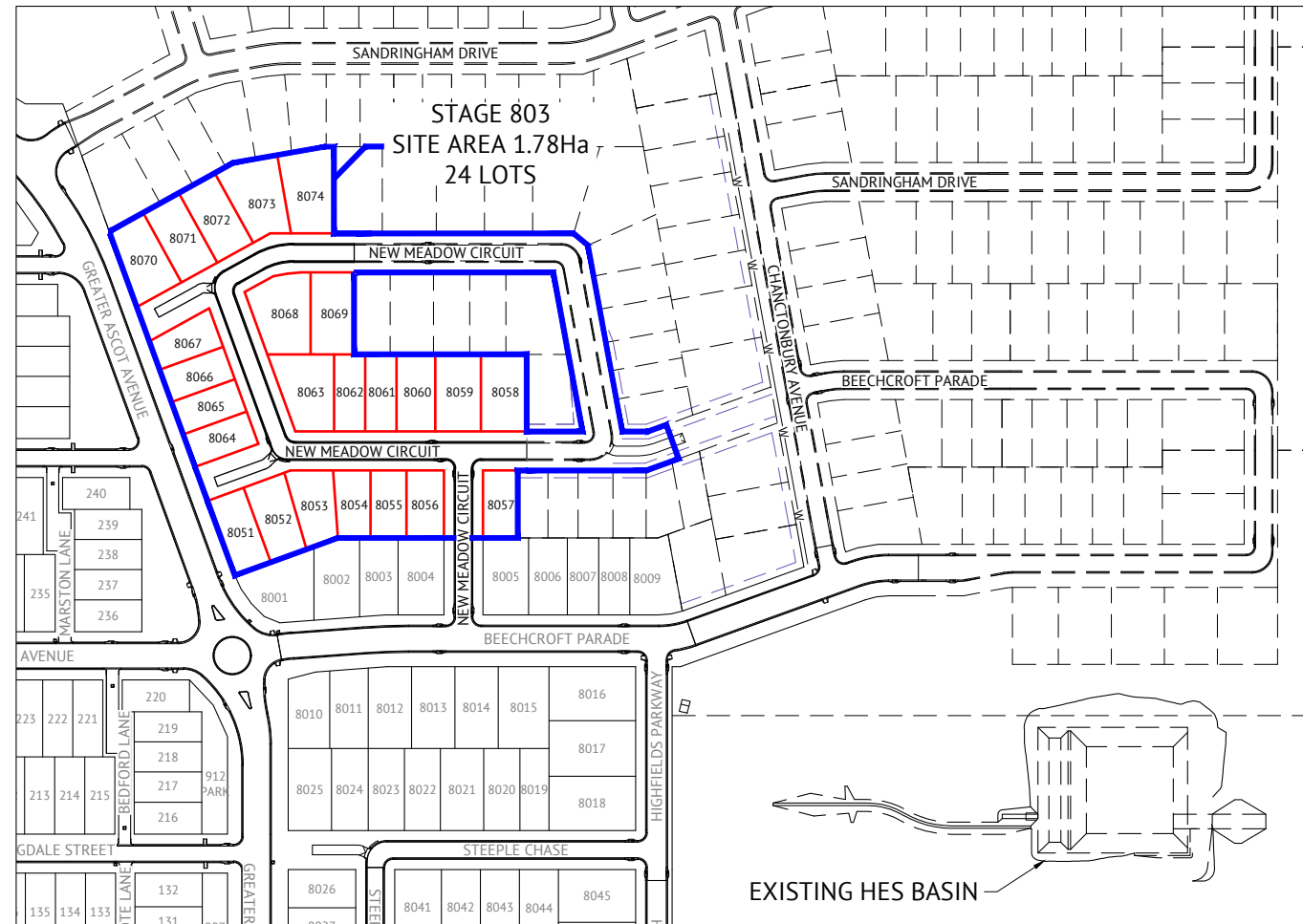
HIGHFIELDS PARKWAY

5001 (Pt)
SEE SHEET I

SEE SHEET I

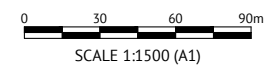
5000 (Pt)
SF3334260

GREATER ASCOT STAGE 803 GREATER ASCOT AVENUE, SHAW FOR PARKSIDE DEVELOPMENT PTY LTD



DRAWING SCHEDULE	
DRAWING NO.	DRAWING TITLE
246	COVER SHEET, LOCALITY PLAN & DRAWING SCHEDULE
247	EARTHWORKS LAYOUT PLAN
248	ROADWORKS & STORMWATER DRAINAGE PLAN
249	NEW MEADOW CIRCUIT LONGITUDINAL AND CROSS SECTIONS
250	NEW MEADOW CIRCUIT LONGITUDINAL AND CROSS SECTIONS
251	INTERSECTION AND CONCRETE DETAILS
252	Q2 STORMWATER LONGITUDINAL SECTION SHEET 1 OF 2
253	Q2 STORMWATER LONGITUDINAL SECTION SHEET 2 OF 2
254	WATER RETICULATION PLAN
255	SEWER RETICULATION PLAN

LOCALITY PLAN
LOT 5001 ON SP321005



Revisions			
No.	Date	Details	Check
A	31.05.23	Original Issue	GEO

Level Datum: AHD (DERIVED)	E:	-
B.M. Used: PSM193061 RL.11.206	N:	-
Coordinate Projection: Plane		
Coordinate Datum: Arbitrary		
Origin of Coordinates: PSM193061		
Meridian: MGA (Zone 55)		
Map Reference: 8259-31131		
Contour Interval:		
Job No: 26700-248-01		
File No: 26700_246A.dwg		

Surveyed by: BM
Drawn: MJM
Approved:

TOWNSVILLE EARTHMOVING DO HEREBY CERTIFY THAT THE WORKS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS APPROVED BY COUNCIL FOR THE CONSTRUCTION OF THE PROJECT.

AUTHORISED DELEGATE
DATE 02/06/23

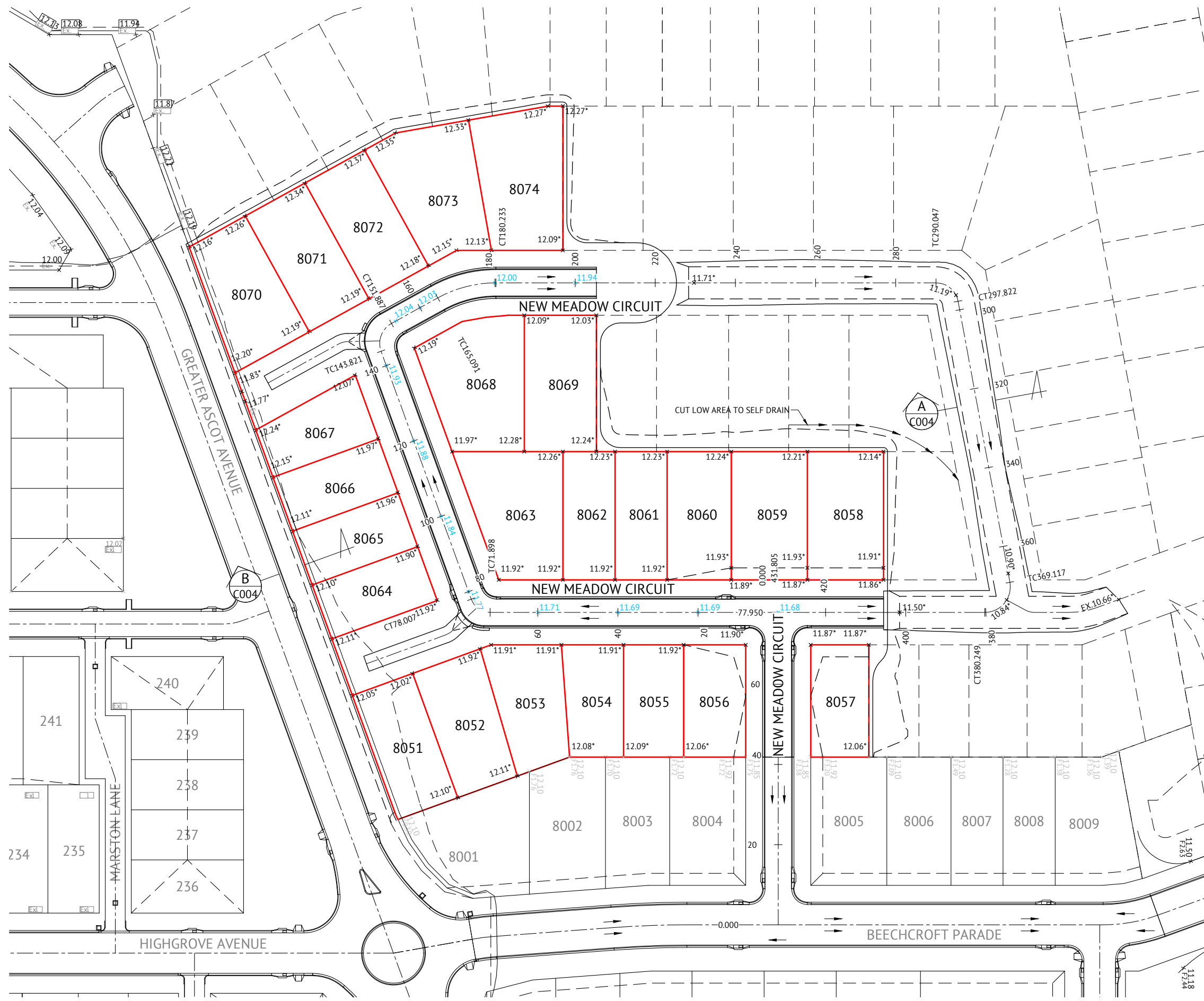
PREMISE DO HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

RPEQ 13231
DATE 05/06/23

Client:	PARKSIDE DEVELOPMENT PTY LTD
Project:	AS CONSTRUCTED - GREATER ASCOT STAGE 803 GREATER ASCOT AVENUE - SHAW COVER SHEET, LOCALITY PLAN & DRAWING SCHEDULE
Local Authority:	Townsville City Council
Locality:	Shaw

Date:	31st May, 2023
Sheet:	1 of 1 Sheets
Scale:	AS SHOWN
Plan No:	26700/246 A

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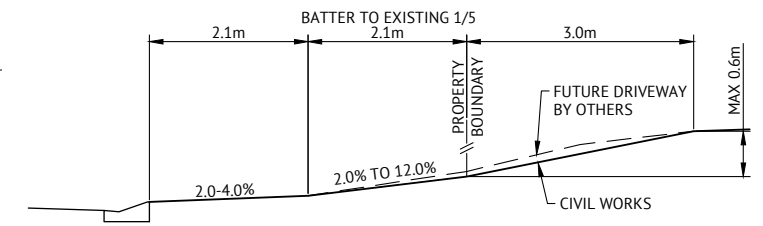


EARTHWORKS LEGEND

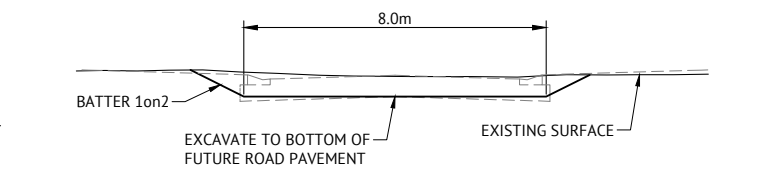
- 6.32* CERTIFIED FINISHED ALLOTMENT LEVEL
- x DENOTES EXISTING ALLOTMENT LEVEL
- 6.41 DENOTES Q100 FLOOD LEVEL
- 6.30 DENOTES Q100 FLOOD LEVEL
- TOP OF BATTER
- BOTTOM OF BATTER
- INVERT OF DRAIN
- DIRECTION OF FLOW

EARTHWORKS NOTES

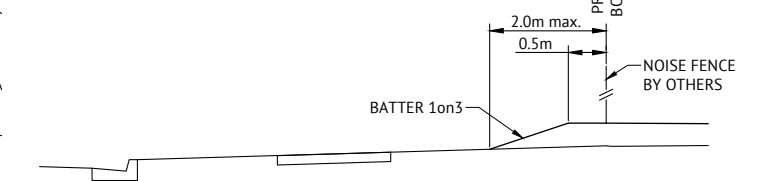
1. ALL EARTHWORKS OPERATIONS UNDERTAKEN IN ACCORDANCE WITH THE PROJECT SPECIFICATION.
2. ALLOTMENTS GRADED EVENLY BETWEEN LEVELS SHOWN. MINIMUM FINISHED ALLOTMENT GRADE TO BE 1:200.
3. FOR PAVEMENTS IN FILL EARTHWORKS FINISHED 300mm BELOW DESIGN LEVEL



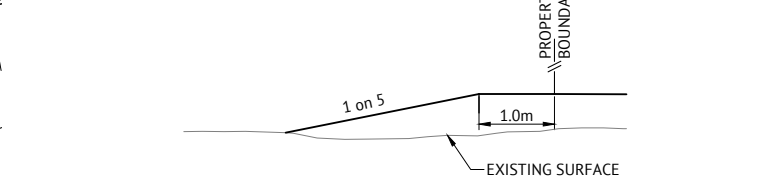
TYPICAL ALLOTMENT FRONT BATTER DETAIL
SCALE 1:50



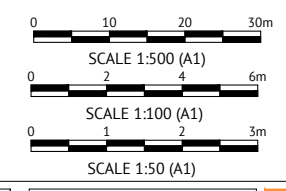
SECTION A
SCALE 1:100



SECTION B
SCALE 1:50



TYPICAL BATTER TO EXISTING
NTS



No.	Date	Details	Check
A	31.05.23	Original Issue	GEO

Level Datum: AHD (DERIVED)
 B.M. Used: PSM193061 RL.11.206
 Coordinate Projection: Plane
 Coordinate Datum: Arbitrary
 Origin of Coordinates: PSM193061
 Meridian: MGA (Zone 55)
 Map Reference: 8259-31131
 Contour Interval:
 Job No: 26700-248-01
 File No: 26700_247A.dwg

Surveyed by: BM
 Drawn: MJM
 Approved:

BRAZIER MOTTI PTY LTD (ACN 066 411 041), 595 FLINDERS STREET, TOWNSVILLE HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS REFERRED TO BY ASTERISKS (*) HEREOF AS THEY HAVE BEEN CONSTRUCTED TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

DATE 1-6-23

TOWNSVILLE EARTHMOVING DO HEREBY CERTIFY THAT THE WORKS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS APPROVED BY COUNCIL FOR THE CONSTRUCTION OF THE PROJECT.

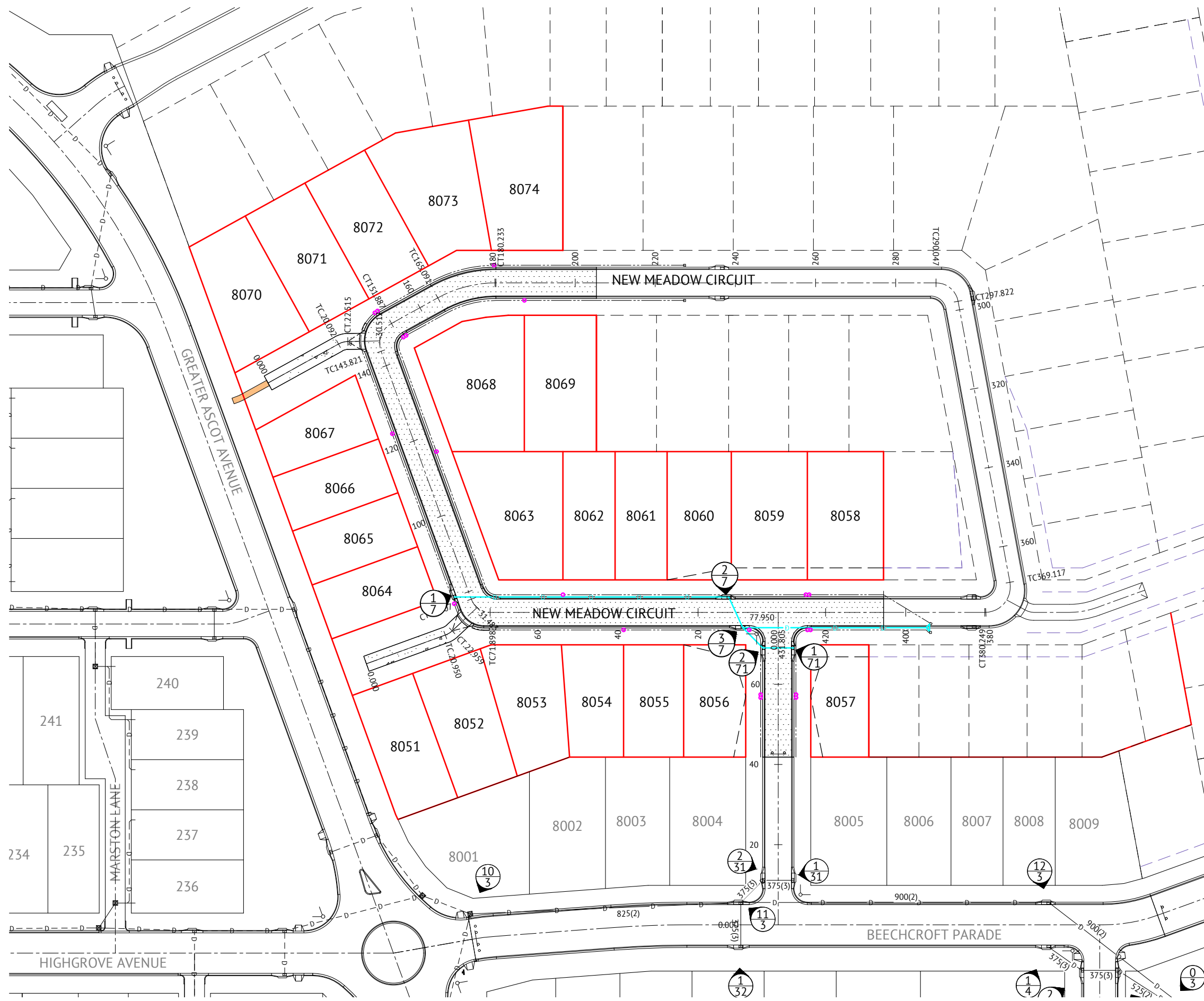
DATE 02/06/23

PREMISE DO HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

RPEQ 13231
 DATE 05/06/23

Client: **PARKSIDE DEVELOPMENT PTY LTD**
 Project: **AS CONSTRUCTED - GREATER ASCOT STAGE 803 GREATER ASCOT AVENUE - SHAW EARTHWORKS LAYOUT PLAN**
 Local Authority: Townsville City Council | Locality: Shaw

Date: 31st May, 2023
 Sheet 1 of 1 Sheets
 Scale: AS SHOWN | A1
 Plan No: 26700/247 A
 braziermotti.com.au
 SURVEYING TOWNPLANNING PROJECTMANAGEMENT MAPPING&GIS
75 YEARS



STORMWATER LEGEND:

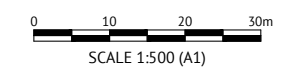
- SEWER MAIN
- STORMWATER DRAINAGE LINE
- STORMWATER MANHOLE (MANHOLE NO./LINE NO.)
- KERB INLET PIT (PIT NO./LINE NO.)
- EXISTING STORMWATER DRAINAGE LINE
- EXISTING STORMWATER MANHOLE (MANHOLE NO./LINE NO.)
- EXISTING KERB INLET PIT (PIT NO./LINE NO.)
- DUMPED ROCK SCOUR PROTECTION ON GEOTEXTILE FABRIC (200g/m²)
ROCK GRADING - 400mm THICK
75mm-325mm, AVERAGE SIZE 200mm
- KERB AND CHANNEL DRAINAGE CONNECTION WITH PVC PIPE

- ### STORMWATER NOTES
- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
 - FOR HYDROLOGY AND HYDRAULIC DETAILS, REFER TO STORMWATER DATA TABLE DRAWINGS.
 - FOR STORMWATER SETOUT, LEVELS, PIPE LENGTHS, PIPE CLASS AND STRUCTURE TYPES, REFER STORMWATER LONGITUDINAL DRAWINGS.
 - ALL PIPE CUTS TO BE MADE USING A MASONRY SAW.
 - ALL TRENCHES UNDER ROAD PAVEMENT (INCLUDING FUTURE) TO BE BACKFILLED WITH CRUSHER DUST TO SUBGRADE LEVEL.
 - FOR KERB AND CHANNEL DRAINAGE CONNECTIONS REFER TO TCC STANDARD DRAWING SD-085

ROADWORKS LEGEND

- LAYBACK KERB AND CHANNEL (TYPE L1)
- BARRIER KERB AND CHANNEL (TYPE B1 MODIFIED)
- MEDIAN KERB (TYPE SM1)
- 900mm WIDE DISH DRAIN (TYPE D1)
- 600mm WIDE DISH DRAIN (TYPE D2)
- BARRIER KERB (TYPE B3)
- FLUSH KERB
- DOUBLE STREET NAME PLATE
- DIRECTION OF KERB & CHANNEL FLOW
- SUBSOIL DRAIN & CLEANOUT POINT
- 50mm THICK POLYMER MODIFIED ASPHALT
- 30mm THICK ASPHALT
- CONCRETE PAVEMENT
- 1.5m WIDE KERB RAMP, UNLESS NOTED OTHERWISE
- NOISE BARRIER (BY OTHERS)
- RETAINING WALL

- ### ROADWORKS NOTES
- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
 - ALL SUBSOIL DRAINS TO BE GRADED AT MINIMUM 0.5% FROM HIGH POINT TO OUTLET, UNLESS NOTED OTHERWISE.



No.	Date	Details	Check
A	31.05.23	Original Issue	GE0

Level Datum: AHD (DERIVED)
 B.M. Used: PSM193061 RL.11.206
 Coordinate Projection: Plane
 Coordinate Datum: Arbitrary
 Origin of Coordinates: PSM193061
 Meridian: MGA (Zone 55)
 Map Reference: 8259-31131
 Contour Interval:
 Job No: 26700-248-01
 File No: 26700_248A.dwg

Surveyed by: BM
 Drawn: MIM
 Approved:

BRAZIER MOTTI PTY LTD (ACN 066 411 041), 595 FLINDERS STREET, TOWNSVILLE HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS SHOWN BY ASTERISKS (*) HEREOF AS THEY HAVE BEEN CONSTRUCTED TO DATE.

DIRECTOR
 DATE 1-6-23

TOWNSVILLE EARTHMOVING DO HEREBY CERTIFY THAT THE WORKS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS APPROVED BY COUNCIL FOR THE CONSTRUCTION OF THE PROJECT.

AUTHORISED DELEGATE
 DATE 02/06/23

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RPEQ 13231
 DATE 05/06/23

Client: PARKSIDE DEVELOPMENT PTY LTD
 Project: AS CONSTRUCTED - GREATER ASCOT STAGE 803
 GREATER ASCOT AVENUE - SHAW
 ROADWORKS & STORMWATER DRAINAGE PLAN
 Local Authority: Townsville City Council
 Locality: Shaw

Date: 31st May, 2023
 Sheet 1 of 1 Sheets
 Scale: AS SHOWN
 Plan No: 26700/248 A

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 SURVEYING
 TOWNPLANNING
 PROJECTMANAGEMENT
 MAPPING&GIS

75 YEARS

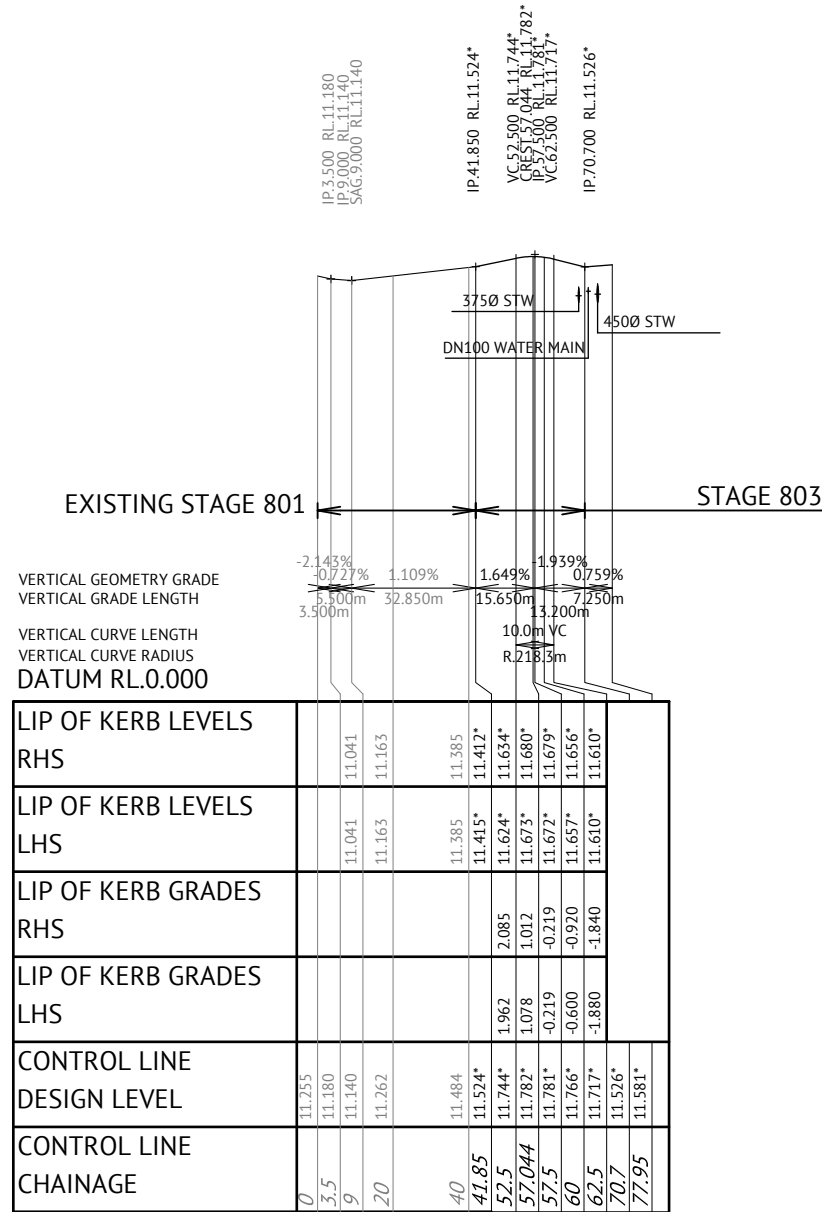
**PAVEMENT DESIGN
NEW MEADOW CIRCUIT**

URBAN TYPE B

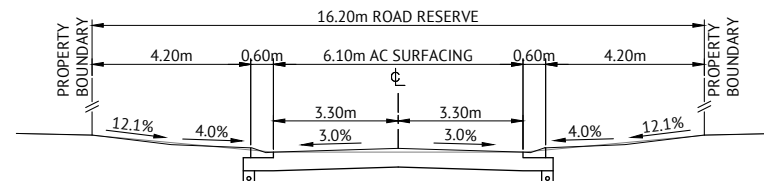
30mm ASPHALT SURFACING (AC10M)
PRIME COAT 1.1L/m² (AMCO)
125mm BASE COURSE (DMR TYPE 2.1)
170mm SUB BASE COURSE (DMR TYPE 2.3 - 0.8 < UCS < 1.5MPa)
200mm SUBGRADE REPLACEMENT (DMR TYPE 2.3 UCS > 1.5MPa)

ROAD LONGITUDINAL SECTION NOTES

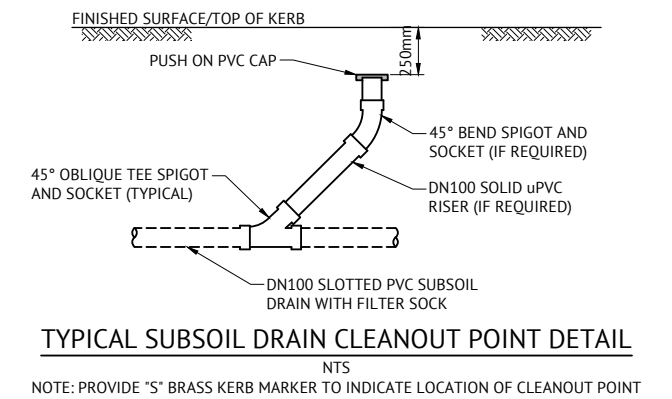
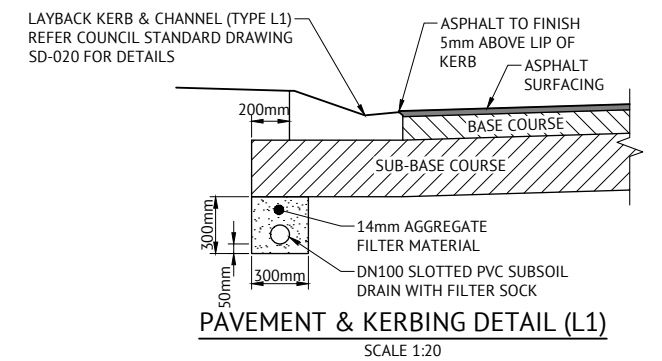
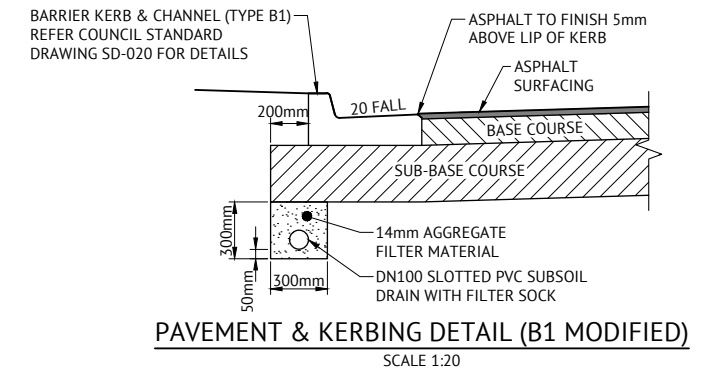
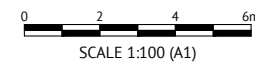
1. FOR LEVEL INFORMATION REFER ROADWORKS DETAILS PLAN.



NEW MEADOW CIRCUIT LONGITUDINAL SECTION
SCALE 1:1000 HORIZONTAL, SCALE 1:100 VERTICAL



TYPICAL SECTION



No.	Date	Details	Check
A	31.05.23	Original Issue	Geo

BRAZIER MOTTI PTY LTD (ACN 066 411 041), 595 FLINDERS STREET, TOWNSVILLE HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS REFERRED BY ASTERISKS (*) HEREOF AS THEY HAVE BEEN CONSTRUCTED BY THE DIVISION.

DATE: 1-6-23

TOWNSVILLE EARTHMOVING DO HEREBY CERTIFY THAT THE WORKS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS APPROVED BY COUNCIL FOR THE CONSTRUCTION OF THE PROJECT.

AUTHORISED DELEGATE DATE: 02/06/23

PREMISE DO HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

RPEQ: 13231
DATE: 05/06/23

Client: **PARKSIDE DEVELOPMENT PTY LTD**
Project: **AS CONSTRUCTED - GREATER ASCOT STAGE 803
GREATER ASCOT AVENUE - SHAW
NEW MEADOW CIRCUIT LONGITUDINAL AND CROSS SECTIONS**
Local Authority: Townsville City Council | Locality: Shaw

Date: 31st May, 2023
Sheet 1 of 1 Sheets
Scale: AS SHOWN | A1
Plan No: 26700/249 A

70 YEARS

**PAVEMENT DESIGN
NEW MEADOW CIRCUIT**

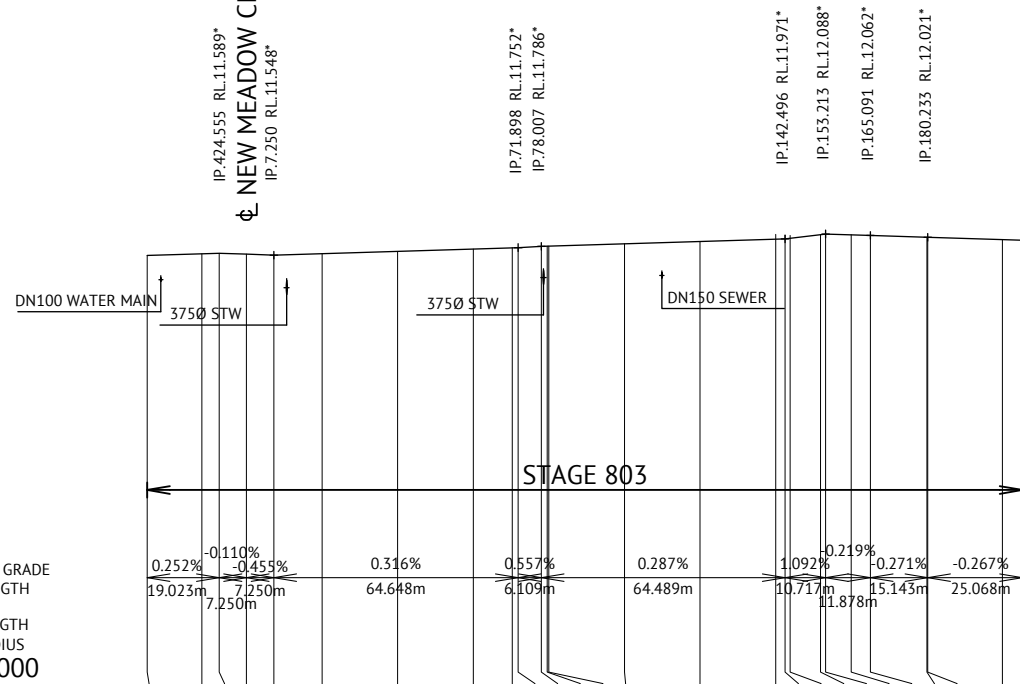
URBAN TYPE B

30mm ASPHALT SURFACING (AC10M)
PRIME COAT 1.1L/m² (AMCO)
125mm BASE COURSE (DMR TYPE 2.1)
140mm SUB BASE COURSE (DMR TYPE 2.3 - 0.8 < UCS < 1.5MPa)
200mm SUBGRADE REPLACEMENT (DMR TYPE 2.3 UCS > 1.5MPa)

ROAD LONGITUDINAL SECTION NOTES

1. FOR LEVEL INFORMATION REFER ROADWORKS DETAILS PLAN.

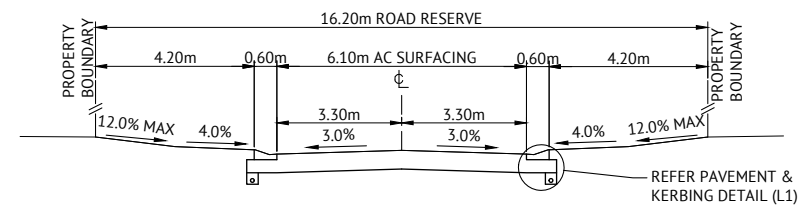
NEW MEADOW CIRCUIT



VERTICAL GEOMETRY GRADE
VERTICAL GRADE LENGTH
VERTICAL CURVE LENGTH
VERTICAL CURVE RADIUS
DATUM RL.0.000

LIP OF KERB LEVELS RHS	11.441*	11.480*	11.493*	11.467*	11.446*	11.481*	11.541*	11.605*	11.689*	11.856*	11.868*	11.873*	11.971*	11.988*	11.968*	11.957*	11.905*	11.902*	11.848*	11.833*					
LIP OF KERB LEVELS LHS	11.430*	11.474*			11.434*	11.472*	11.539*	11.601*	11.627*	11.631*	11.666*	11.671*	11.734*	11.788*	11.922*	11.956*	11.910*	11.909*	11.849*	11.830*					
LIP OF KERB GRADES RHS		0.270	0.285	0.006	-0.290	0.275	0.300	0.320	0.480	0.250	0.315	0.260	1.042	-0.339	-0.216	-0.362	-0.343	-0.274	-0.283						
LIP OF KERB GRADES LHS		0.304			0.298	0.335	0.310	0.252	0.199	0.315	0.305	0.325	0.321	0.377	1.215	1.282	-0.314	-0.309	-0.479						
CONTROL LINE DESIGN LEVEL	11.541*	11.577*	11.589*	11.581*	11.548*	11.575*	11.660*	11.713*	11.744*	11.752*	11.786*	11.788*	11.851*	11.902*	11.967*	11.971*	11.984*	12.081*	12.062*	12.023*	12.021*	11.945*	11.954*		
CONTROL LINE CHAINAGE	405.532	420	424.555	0	7.250	20	40	60	70.323	71.898	78.007	79.583	80	100	140	142.496	143.821	151.887	153.213	160	165.091	180	180.233	200	205.301
HORIZONTAL GEOMETRY DATA									5.00R																

NEW MEADOW CIRCUIT LONGITUDINAL SECTION
SCALE 1:1000 HORIZONTAL, SCALE 1:100 VERTICAL



TYPICAL SECTION

No.	Date	Details	Check
A	31.05.23	Original Issue	GEO

Level Datum: AHD (DERIVED)
B.M. Used: PSM193061 RL.11.206
Coordinate Projection: Plane
Coordinate Datum: Arbitrary
Origin of Coordinates: PSM193061
Meridian: MGA (Zone 55)
Map Reference: 8259-31131
Contour Interval:
Job No: 26700-248-01
File No: 26700_250A.dwg

Surveyed by: BM
Drawn: MJM
Approved:

BRAZIER MOTTI PTY LTD (ACN 066 411 041), 595 FLINDERS STREET, TOWNSVILLE HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS SHOWN BY ASTERISKS (*) HEREON AS THEY HAVE BEEN CONSTRUCTED TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

DATE 1-6-23

TOWNSVILLE EARTHMOVING DO HEREBY CERTIFY THAT THE WORKS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS APPROVED BY COUNCIL FOR THE CONSTRUCTION OF THE PROJECT.

AUTHORISED DELEGATE
DATE 02/06/23

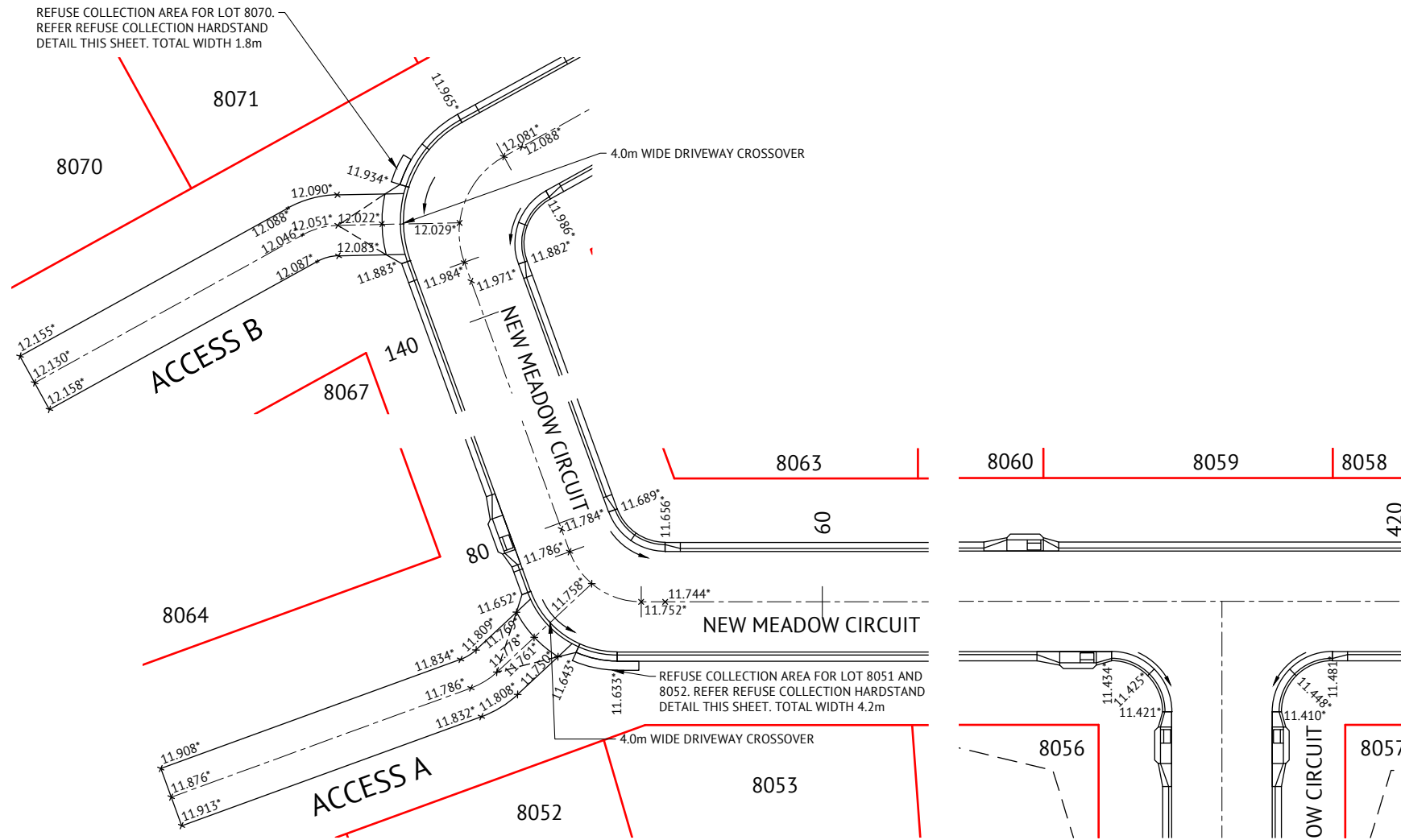
PREMISE DO HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

RPEQ 13231
DATE 05/06/23

Client:	PARKSIDE DEVELOPMENT PTY LTD
Project:	AS CONSTRUCTED - GREATER ASCOT STAGE 803 GREATER ASCOT AVENUE - SHAW NEW MEADOW CIRCUIT LONGITUDINAL AND CROSS SECTIONS
Local Authority:	Townsville City Council
Locality:	Shaw

Date:	31st May, 2023
Sheet:	1 of 1 Sheets
Scale:	AS SHOWN
Plan No:	26700/250 A

braziermotti.com.au
SURVEYING TOWNPLANNING PROJECT MANAGEMENT MAPPING & GIS
75 YEARS

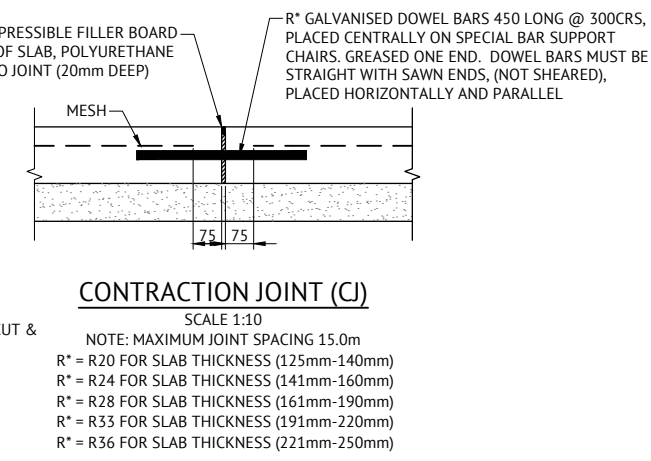
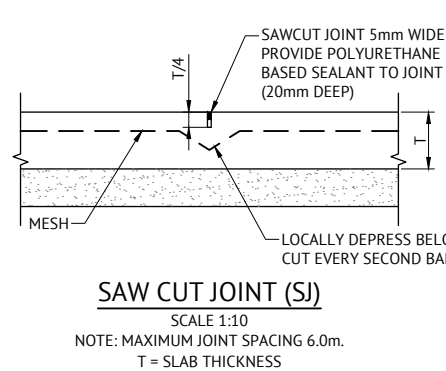
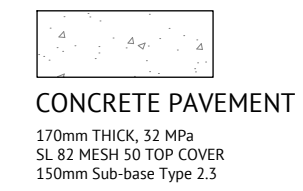
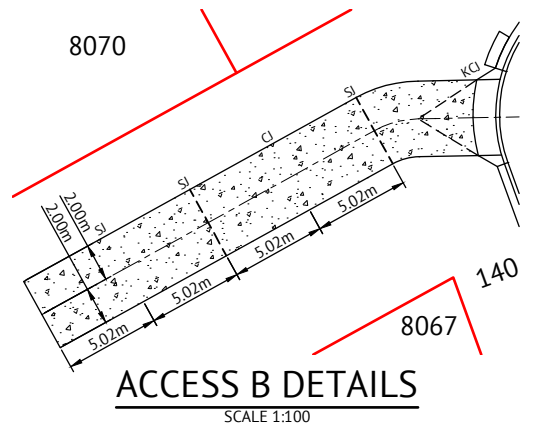
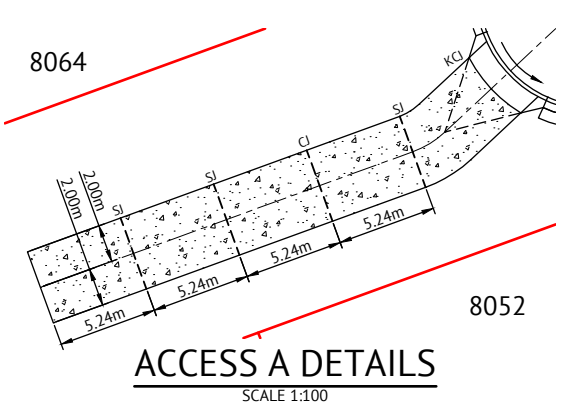
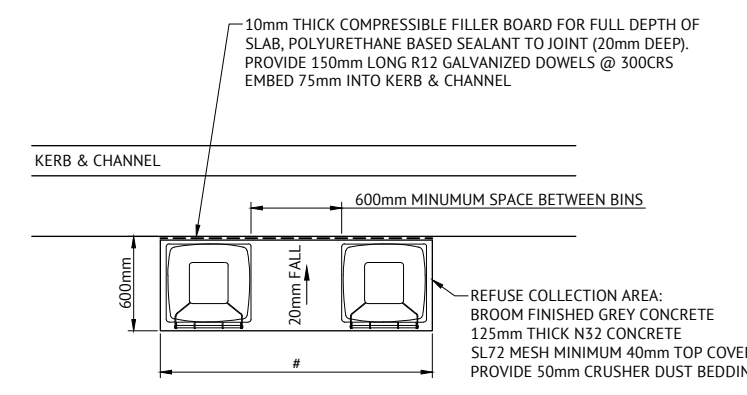
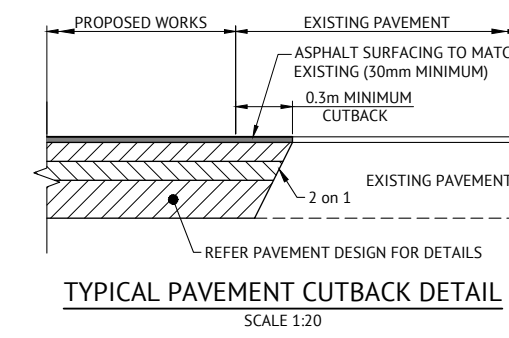


ROADWORKS DETAILS LEGEND

	LAYBACK KERB & CHANNEL (TYPE L1)
	BARRIER KERB & CHANNEL (TYPE B1)
	MEDIAN KERB (TYPE SM1)
	900mm WIDE DISH DRAIN (TYPE D1)
	600mm WIDE DISH DRAIN (TYPE D2)
	BARRIER KERB (TYPE B3)
	FLUSH KERB

ROADWORKS DETAILS NOTES

1. ALL WORKS CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
2. ALL RADII AND LEVEL INFORMATION IS TO LIP OF KERB UNLESS NOTED OTHERWISE.



No.	Date	Details	Check
A	31.05.23	Original Issue	GEO

Level Datum: AHD (DERIVED)
B.M. Used: PSM193061 RL 11.206
Coordinate Projection: Plane
Coordinate Datum: Arbitrary
Origin of Coordinates: PSM193061
Meridian: MGA (Zone 55)
Map Reference: 8259-31131
Contour Interval:
Job No: 26700-248-01
File No: 26700_251A.dwg

Surveyed by: BM
Drawn: MJM
Approved:

BRAZIER MOTTI PTY LTD (ACN 066 411 041), 595 FLINDERS STREET, TOWNSVILLE HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS UNDERTAKEN BY THIS DIVISION.

DIRECTOR
DATE 1-6-23

TOWNSVILLE EARTHMOVING DO HEREBY CERTIFY THAT THE WORKS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS APPROVED BY COUNCIL FOR THE CONSTRUCTION OF THE PROJECT.

AUTHORISED DELEGATE
DATE 02/06/23

PREMISE DO HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

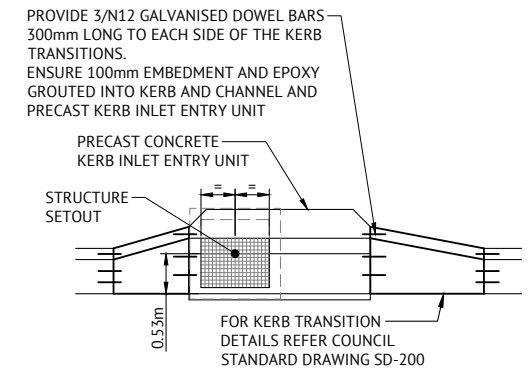
RPEQ
DATE 05/06/23

Client: **PARKSIDE DEVELOPMENT PTY LTD**
Project: **AS CONSTRUCTED - GREATER ASCOT STAGE 803 GREATER ASCOT AVENUE - SHAW INTERSECTION AND CONCRETE DETAILS**
Local Authority: Townsville City Council
Locality: Shaw

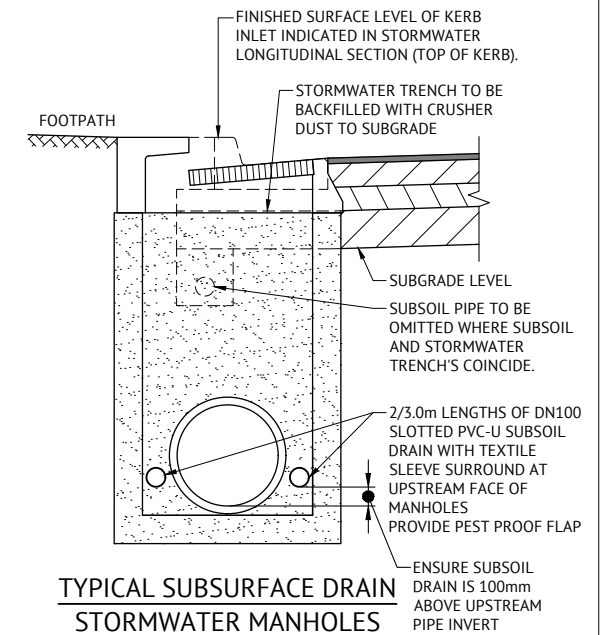
Date: 31st May, 2023
Sheet 1 of 1 Sheets
Scale: AS SHOWN
Plan No: 26700/251 A
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STORMWATER NOTES

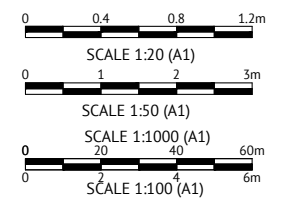
1. ALL WORKS CONSTRUCTED IN ACCORDANCE WITH THE RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
2. STRUCTURE SETOUT FOR ALL PRECAST GRATED KERB INLETS (TYPE 1 & 2) IS TO THE CENTRE OF THE GRATE AND 530mm FROM THE LIP OF KERB.
3. ALL RCP DRAINAGE PIPES FLUSH JOINED WITH EXTERNAL RUBBER BAND, UNLESS NOTED OTHERWISE.
4. ALL uPVC DRAINAGE PIPES RUBBER RING JOINED CONFORMING TO AS1254.
5. ALL POLYPROPYLENE DRAINAGE PIPES IN ACCORDANCE WITH ASS065.
6. ALL STORMWATER OUTLETS CONFIRMED ON SITE BY THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. PIPE CLASS: (2) - RCP CLASS 2
(3) - RCP CLASS 3
(4) - RCP CLASS 4
(6) - RCP CLASS 6
(8) - RCP CLASS 8
(P) - POLYPROPYLENE
(U) - uPVC
(RCBC) - BOX CULVERT



KERB INLET TRANSITION DETAIL
SCALE 1:50



TYPICAL SUBSURFACE DRAIN STORMWATER MANHOLES
SCALE 1:20



STRUCTURE NAME/ SETOUT	1/7	2/7	3/7	4/7	5/7	6/7	7/7	8/7	9/7	10/7	11/7	0/7	1/71	2/71	3/7	1/72	4/7
STRUCTURE DESCRIPTION	TCC INLET PIT 2.4m LINTEL; MH TYPE 1	TCC INLET PIT 2.4m LINTEL; MH TYPE 1	TCC INLET PIT 2.4m LINTEL; MH TYPE 1	TCC INLET PIT 2.4m LINTEL; MH TYPE 2	TCC MANHOLE TYPE 2	FIELD INLET 900x900	TCC INLET PIT 2.4m LINTEL; MH TYPE 2	TCC INLET PIT 2.4m LINTEL; MH TYPE 2	TCC INLET PIT 2.4m LINTEL; MH TYPE 2	TCC INLET PIT 2.4m LINTEL; MH TYPE 2	TCC INLET PIT 2.4m LINTEL; MH TYPE 2	OUTLET	TCC INLET PIT 2.4m LINTEL; MH TYPE 1	TCC INLET PIT 2.4m LINTEL; MH TYPE 1	TCC INLET PIT 2.4m LINTEL; MH TYPE 1	TCC INLET PIT 2.4m LINTEL; MH TYPE 2	TCC INLET PIT 2.4m LINTEL; MH TYPE 2
PIPE SIZE (mm)	375	375	450	600	750	750	900	900	900	900	900		375	375		375	
PIPE CLASS	4	4	4	3	2	2	2	2	2	2	2		4	4		4	
PIPE GRADE (%)	0.420%	0.525%	0.285%	0.20%	0.22%	0.40%	0.20%	0.39%	0.21%	0.21%	0.23%		1.058%	0.300%		0.52%	
PIPE SLOPE (1 in X)	238.256	190.405	350.726	497.5	454.4	251.5	498.8	255.3	475.0	479.1	452.4		94.519	333.826		191.5	
FULL PIPE VELOCITY (m/s)	0.60	1.22	1.28	1.19	1.16	1.22	1.12	1.18	1.22	1.23	1.37		0.06	0.12		0.64	
PART FULL VELOCITY (m/s)	1.06	1.22	1.28	1.19	1.36	1.77	1.45	1.92	1.50	1.49	1.58		0.61	0.67		1.18	
PIPE FLOW (cumecs)	0.067	0.134	0.203	0.337	0.531	0.558	0.733	0.774	0.805	0.811	0.904		0.007	0.013		0.071	
PIPE CAPACITY AT GRADE (cumecs)	0.112	0.120	0.159	0.275	0.545	0.733	0.847	1.184	0.870	0.865	0.910		0.127	0.111		0.127	
DATUM RL	-5.0												-6.0			-6.0	
WSE IN STRUCTURE	11.250	11.075	10.901	10.470	10.341	10.233	10.119	9.894	9.693	9.583	9.523		10.898	10.897	10.901	10.627	
HGL IN PIPE	11.172	11.074	10.946	10.470	10.341	10.233	10.087	9.856	9.693	9.583	9.506		10.898	10.897	10.896	10.482	
DEPTH OF INVERT BELOW FSL	1.589	1.647	1.665	1.875	2.308	2.344	2.233	2.315	2.375	2.438	2.455		1.591	1.631	1.661	1.595	
INVERT LEVEL	10.204*	9.915*	9.855*	9.600*	9.410	9.200	9.260	8.700	8.640	8.550	8.460		9.991*	9.912*	9.883*	9.880*	
FINISHED (& EXISTING) SURFACE LEVEL	11.793*	11.562*	11.547*	11.465	11.718	11.544	11.213	11.015	11.015	10.988	10.915		11.564*	11.588*	11.547*	11.465	
CHAINAGE		68.856*	7.997*	57.519*	14.919	27.267	47.783	64.844	7.660	28.382	23.957		7.467*	7.678*		7.660	
LINE		7							7				71			72	

Q2 STORMWATER LONGITUDINAL SECTION
SCALE 1:1000 HORIZONTAL, SCALE 1:100 VERTICAL

No.	Date	Details	Check
A	31.05.23	Original Issue	GE0

Level Datum: AHD (DERIVED)
B.M. Used: PSM193061 RL 11.206
Coordinate Projection: Plane
Coordinate Datum: Arbitrary
Origin of Coordinates: PSM193061
Meridian: MGA (Zone 55)
Map Reference: 8259-31131
Contour Interval:
Job No: 26700-248-01
File No: 26700_252A.dwg

Surveyed by: BM
Drawn: MIM
Approved:

BRAZIER MOTTI PTY LTD (ACN 066 411 041), 595 FLINDERS STREET, TOWNSVILLE HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS TO BE CONSTRUCTED BY ASTERISKS (*) HEREDON AS THEY HAVE BEEN CONSULTED BY THE LOCAL AUTHORITY DIVISION.

DATE 1-6-23

TOWNSVILLE EARTHMOVING DO HEREBY CERTIFY THAT THE WORKS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS APPROVED BY COUNCIL FOR THE CONSTRUCTION OF THE PROJECT.

AUTHORISED DELEGATE
DATE 02/06/23

PREMISE DO HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

RPEQ 13231
DATE 05/06/23

Client: PARKSIDE DEVELOPMENT PTY LTD
Project: AS CONSTRUCTED - GREATER ASCOT STAGE 803
GREATER ASCOT AVENUE - SHAW
Q2 STORMWATER LONGITUDINAL SECTION SHEET 1 OF 2

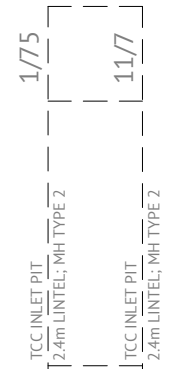
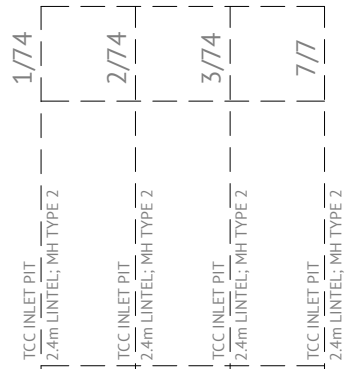
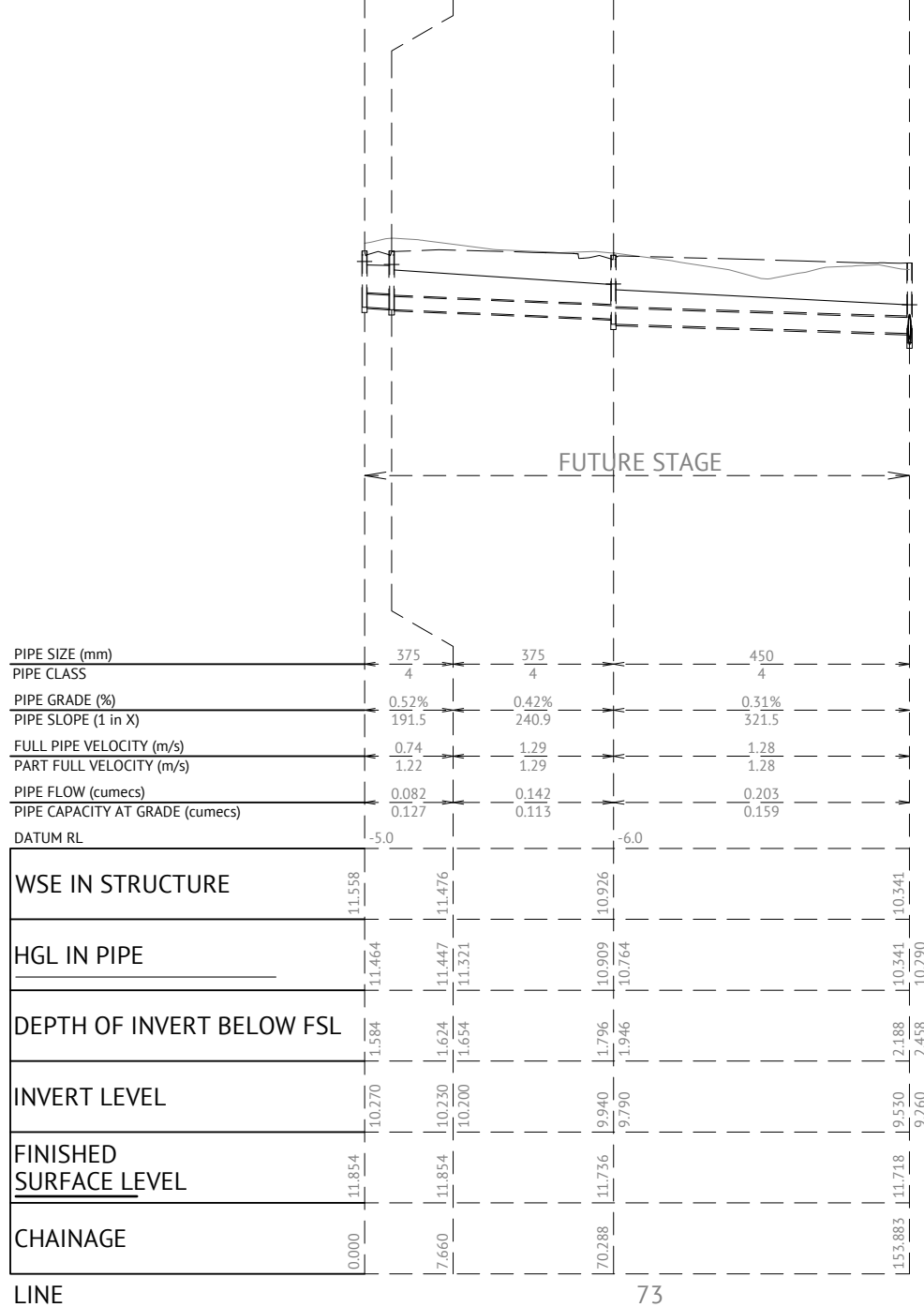
Local Authority: Townsville City Council
Locality: Shaw

Date: 31st May, 2023
Sheet 1 of 1 Sheets
Scale: AS SHOWN
Plan No: 26700/252 A

braziermotti.com.au
SURVEYING
TOWNSHIP
PROJECT MANAGEMENT
MAPPING & GIS

75 YEARS

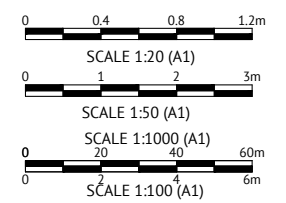
STRUCTURE NAME/ SETOUT	1/73	2/73	3/73	5/7
STRUCTURE DESCRIPTION	TCC INLET PIT 2.4m LINTEL, MH TYPE 2	TCC INLET PIT 2.4m LINTEL, MH TYPE 2	TCC INLET PIT 2.4m LINTEL, MH TYPE 2	TCC MANHOLE TYPE 2



Q2 STORMWATER LONGITUDINAL SECTION
SCALE 1:1000 HORIZONTAL, SCALE 1:100 VERTICAL

STORMWATER NOTES

- ALL WORKS CONSTRUCTED IN ACCORDANCE WITH THE RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS, UNLESS NOTED OTHERWISE.
- STRUCTURE SETOUT FOR ALL PRECAST GRATED KERB INLETS (TYPE 1 & 2) IS TO THE CENTRE OF THE GRATE AND 530mm FROM THE LIP OF KERB.
- ALL RCP DRAINAGE PIPES FLUSH JOINTED WITH EXTERNAL RUBBER BAND, UNLESS NOTED OTHERWISE.
- ALL uPVC DRAINAGE PIPES RUBBER RING JOINTED CONFORMING TO AS1254.
- ALL POLYPROPYLENE DRAINAGE PIPES IN ACCORDANCE WITH AS5065.
- ALL STORMWATER OUTLETS CONFIRMED ON SITE BY THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- PIPE CLASS: (2) - RCP CLASS 2
(3) - RCP CLASS 3
(4) - RCP CLASS 4
(6) - RCP CLASS 6
(8) - RCP CLASS 8
(P) - POLYPROPYLENE
(U) - uPVC
(RCBC) - BOX CULVERT



No.	Date	Details	Check
A	31.05.23	Original Issue	GEO

Level Datum: AHD (DERIVED)
B.M. Used: PSM193061 RL.11.206
Coordinate Projection: Plane
Coordinate Datum: Arbitrary
Origin of Coordinates: PSM193061
Meridian: MGA (Zone 55)
Map Reference: 8259-31131
Contour Interval:
Job No: 26700-248-01
File No: 26700_253A.dwg

Surveyed by: BM
Drawn: MIM
Approved:

BRAZIER MOTTI PTY LTD (ACN 066 411 041), 595 FLINDERS STREET, TOWNSVILLE HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS IDENTIFIED BY ASTERISKS (*) HEREDON AS THEY HAVE BEEN CONSTRUCTED BY THE DIVISION.

[Signature]
DIRECTOR
DATE 1-6-23

TOWNSVILLE EARTHMOVING DO HEREBY CERTIFY THAT THE WORKS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS APPROVED BY COUNCIL FOR THE CONSTRUCTION OF THE PROJECT.

[Signature]
AUTHORISED DELEGATE
DATE 02/06/23

PREMISE DO HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

RPEQ *[Signature]* 13231
DATE 05/06/23

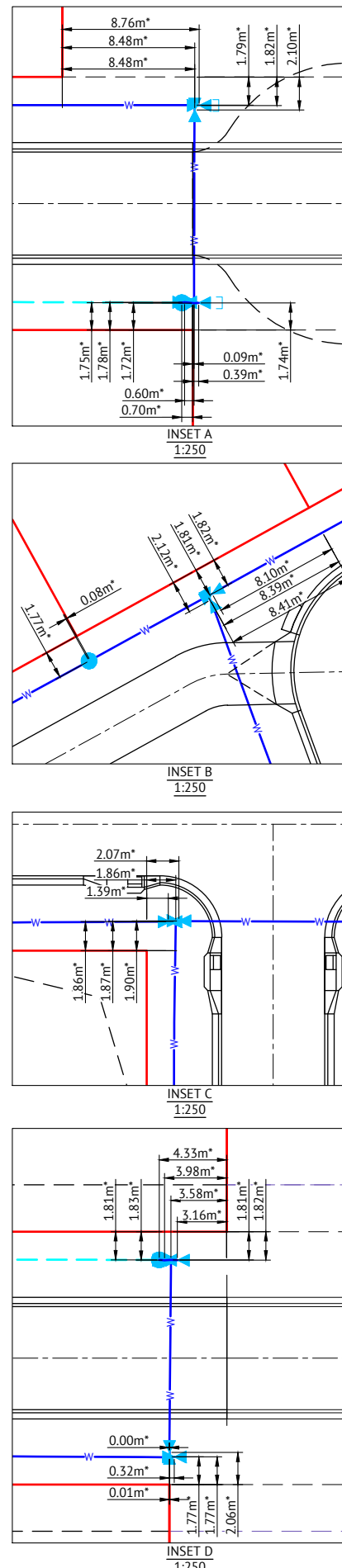
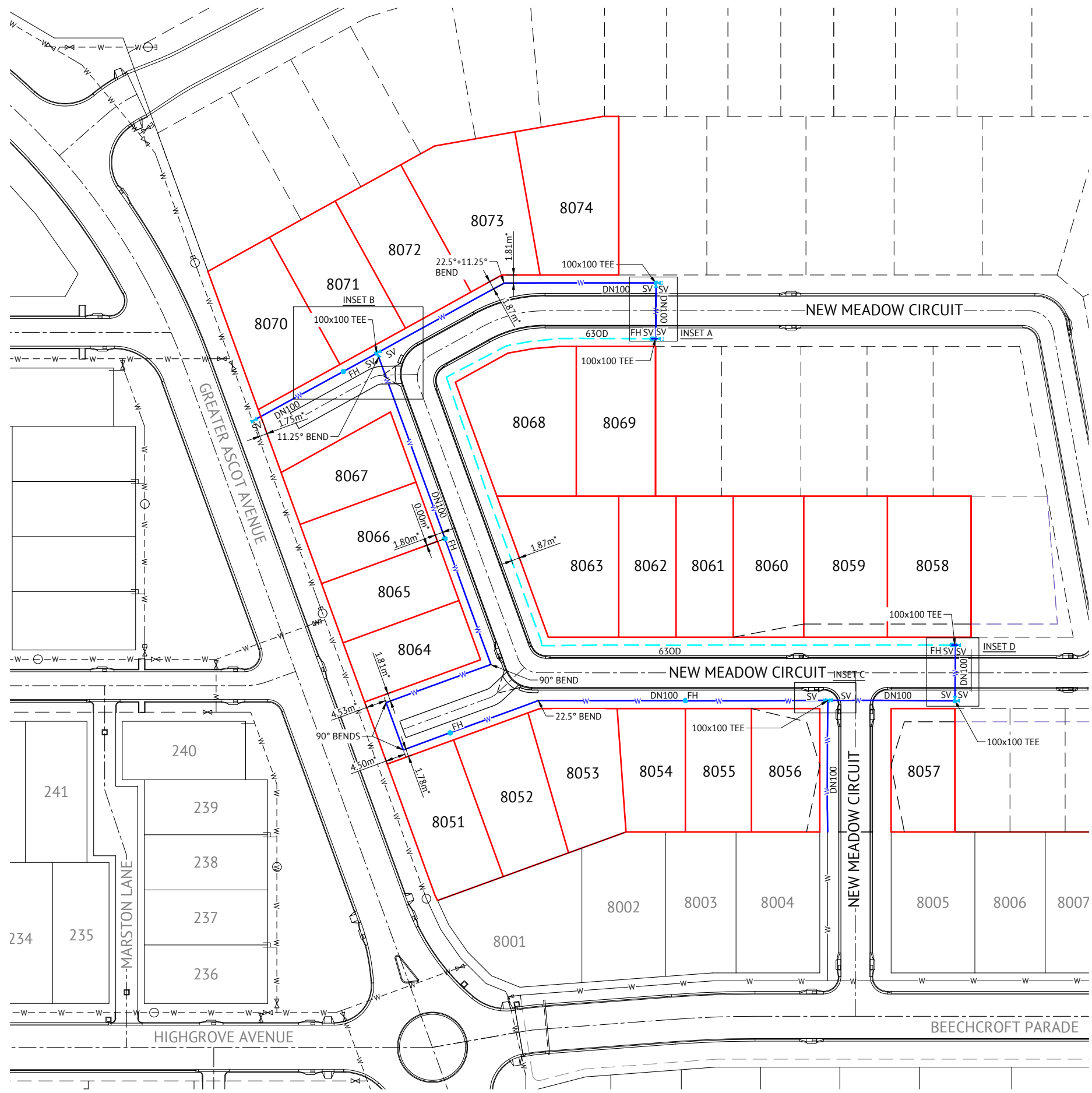
Client: PARKSIDE DEVELOPMENT PTY LTD
Project: AS CONSTRUCTED - GREATER ASCOT STAGE 803
GREATER ASCOT AVENUE - SHAW
Q2 STORMWATER LONGITUDINAL SECTION SHEET 2 OF 2

Local Authority: Townsville City Council
Locality: Shaw

Date: 31st May, 2023
Sheet 1 of 1 Sheets
Scale: AS SHOWN A1
Plan No: 26700/253 A

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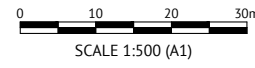
75 YEARS



- ### WATER LEGEND
- DN100 WATER MAIN AND DIAMETER
 - 630D POLYETHYLENE WATER MAIN AND DIAMETER
 - FH SV FIRE HYDRANT, VALVE AND REDUCER
 - EXISTING WATER MAIN, VALVE AND HYDRANT

- ### IRRIGATION CONDUITS LEGEND
- DN100 CONDUIT
 - - - DN150 CONDUIT

- ### WATER NOTES
1. ALL WORKS CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND PROJECT SPECIFICATION.
 2. ALL WATER MAINS ARE LOCATED ON A 1.8m ±0.1m ALIGNMENT OFFSET FROM PROPERTY BOUNDARIES, UNLESS NOTED OTHERWISE.
 3. ALL FIRE HYDRANTS LOCATED PERPENDICULAR TO PROPERTY BOUNDARY ±0.1m UNLESS NOTED OTHERWISE.
 4. ALL uPVC MAINS ARE CLASS PN16 SERIES 2 COMPATIBLE TO AS 1477 RUBBER RING JOINTED, WITH SOCKETED DICL FITTINGS UNLESS NOTED OTHERWISE.
 5. ALL 630D MAINS POLYETHYLENE CLASS PN16 TO AS 4130.
 6. ALL TRENCHES UNDER ROAD PAVEMENT BACKFILLED WITH CRUSHER DUST TO SUBGRADE LEVEL.
 7. REFER TCC STANDARD DRAWING SD-315 FOR PVC TO PE SERVICE MAIN CONNECTION DETAIL.
 8. CONNECTION TO EXISTING WATER MAINS CARRIED OUT BY COUNCIL AT THE CONTRACTORS EXPENSE.
 9. VALVE SURFACE BOX TO FERRULE TAP. FINISHED FLUSH WITH CONCRETE PATH. REFER TO TCC STANDARD DRAWING SD-350 FOR VALVE SURFACE BOX DETAILS.



No.	Date	Details	Check
A	31.05.23	Original Issue	GE0

Level Datum: AHD (DERIVED)
 B.M. Used: PSM193061 RL.11.206
 Coordinate Projection: Plane
 Coordinate Datum: Arbitrary
 Origin of Coordinates: PSM193061
 Meridian: MGA (Zone 55)
 Map Reference: 8259-31131
 Contour Interval:
 Job No: 26700-248-01
 File No: 26700_254A.dwg

Surveyed by: BM
 Drawn: MJM
 Approved:

BRAZIER MOTTI PTY LTD (ACN 066 411 041), 595 FLINDERS STREET, TOWNSVILLE HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS AND IS NOT TO BE USED FOR ANY OTHER PURPOSES UNLESS SPECIFICALLY APPROVED BY THE ENGINEER.

DIRECTOR
 DATE 1-6-23

TOWNSVILLE EARTHMOVING DO HEREBY CERTIFY THAT THE WORKS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS APPROVED BY COUNCIL FOR THE CONSTRUCTION OF THE PROJECT.

AUTHORISED DELEGATE
 DATE 02/06/23

PREMISE DO HEREBY CERTIFY THAT THE WORKS AS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS REFLECT ANY CHANGES THAT WERE MADE DURING THE COURSE OF CONSTRUCTION.

RPQ 13231
 DATE 05/06/23

Client: PARKSIDE DEVELOPMENT PTY LTD
 Project: AS CONSTRUCTED - GREATER ASCOT STAGE 803
 GREATER ASCOT AVENUE - SHAW
 WATER RETICULATION PLAN
 Local Authority: Townsville City Council
 Locality: Shaw









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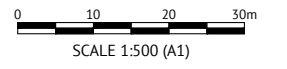


SEWER LEGEND

-  STORMWATER DRAINAGE LINE
-  SEWER MAIN AND MANHOLE (MH)
-  SEWER MAIN AND MAINTENANCE SHAFT (MS)
-  DN100 SEWER HOUSE DRAIN
-  EXISTING SEWER MAIN AND MANHOLE
-  CERTIFIED TYPE & INDICATIVE TOP OF MANHOLE LEVEL
MANHOLE NUMBER
LINE NUMBER
-  HOUSE CONNECTION (X&Y DIMENSIONS AS PER RELEVANT COUNCIL STANDARD DRAWING U.N.O.)
-  CERTIFIED DISTANCE FROM DOWNSTREAM MANHOLE
CERTIFIED INVERT LEVEL OF HOUSE CONNECTION POINT
HOUSE CONNECTION TYPE
TYPE A - ACROSS BOUNDARY 'SLOPE DROP'
TYPE B - ACROSS BOUNDARY 'JUMP UP'
TYPE C - WITHIN LOT 'DIRECT CONNECTION'
TYPE D - WITHIN LOT 'JUMP UP'
TYPE E - MANHOLE 'DIRECT CONNECTION'
TYPE F - MANHOLE 'INTERNAL DROP'
TYPE G - MAINTENANCE SHAFT CONNECTION
TYPE Ex. - EXISTING HOUSE CONNECTION

SEWER NOTES

1. ALL WORKS CONSTRUCTED IN ACCORDANCE WITH RELEVANT LATEST ISSUE COUNCIL STANDARD DRAWINGS AND PROJECT SPECIFICATION
2. ALL SEWERAGE MAINS LOCATED ON 1.5m ±0.1m ALIGNMENT OFFSET FROM THE PROPERTY BOUNDARIES, UNLESS NOTED OTHERWISE.
3. ALL SEWERAGE MAINS DN150, UNLESS NOTED OTHERWISE.
4. ALL DN150 AND DN225 SEWERAGE MAINS uPVC DWV SN8, UNLESS NOTED OTHERWISE.
5. ALL DN100 HOUSE DRAINS uPVC DWV SN10, UNLESS NOTED OTHERWISE. (MAXIMUM LENGTH 10.0m)
6. ALL TRENCHES UNDER ROAD PAVEMENT BACKFILLED WITH CRUSHER DUST TO SUBGRADE LEVEL.
7. CONNECTION/ALTERATIONS TO EXISTING SEWERAGE INFRASTRUCTURE CARRIED OUT BY COUNCIL AT THE CONTRACTORS EXPENSE.
8. ALL MANHOLE INTERNAL DROP 'CORES' ARE NOT LOCATED WITHIN 150mm OF PRECAST WALL JOINTS.
9. TOP OF MANHOLE LEVELS PROVIDED ARE INDICATIVE. REFER TCC STANDARD DRAWING SD-475 FOR FINISHED LEVELS OF MANHOLE COVERS.




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 File No: 26700_255A.dwg

Surveyed by: BM
 Drawn: MJM
 Approved:

BRAZIER MOTTI PTY LTD (ACN 066 411 041), 595 FLINDERS STREET, TOWNSVILLE HEREBY CERTIFY THAT THIS DRAWING ACCURATELY AND CORRECTLY DESCRIBES AND RECORDS THE NATURE AND LOCATION OF THE WORKS INDICATED BY ASTERISKS (*) HEREOF AS THEY HAVE BEEN CONSTRUCTED TO THE BEST OF OUR KNOWLEDGE AND BELIEF.

 DIRECTOR
 DATE 1-6-23

TOWNSVILLE EARTHMOVING DO HEREBY CERTIFY THAT THE WORKS SHOWN ON THE 'AS CONSTRUCTED' DRAWINGS HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH THE DRAWINGS AND CONTRACT DOCUMENTS APPROVED BY COUNCIL FOR THE CONSTRUCTION OF THE PROJECT.

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