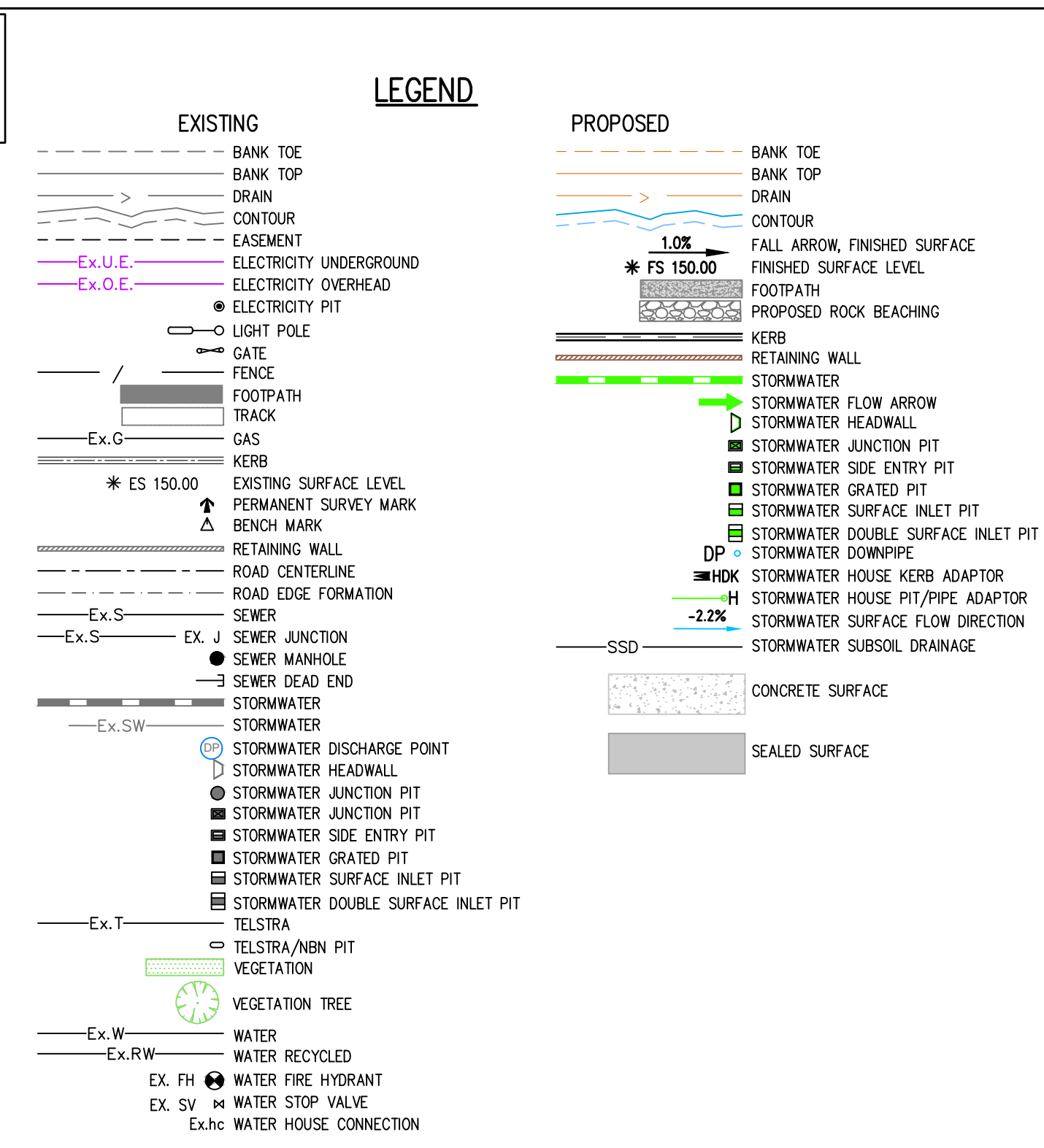
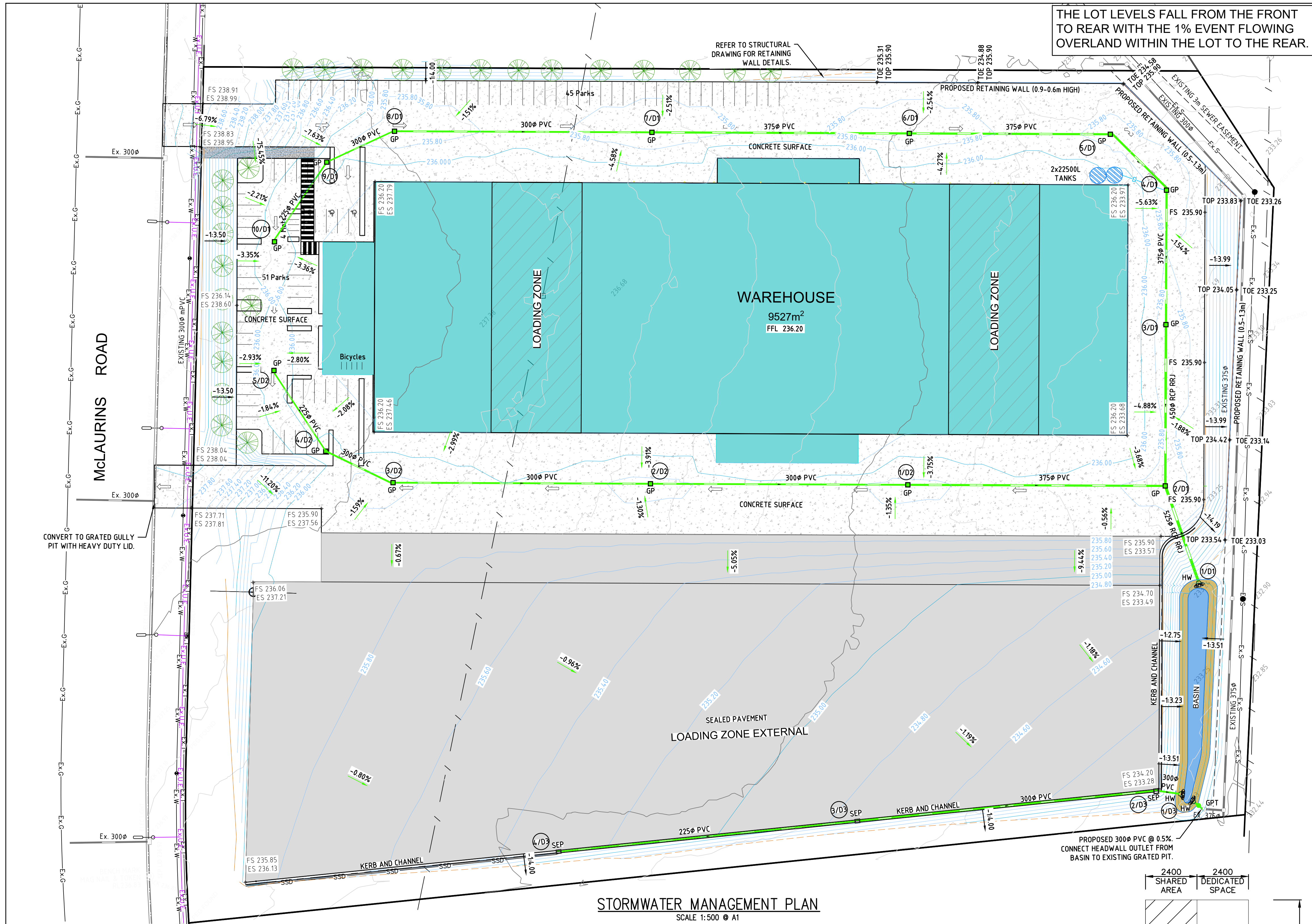


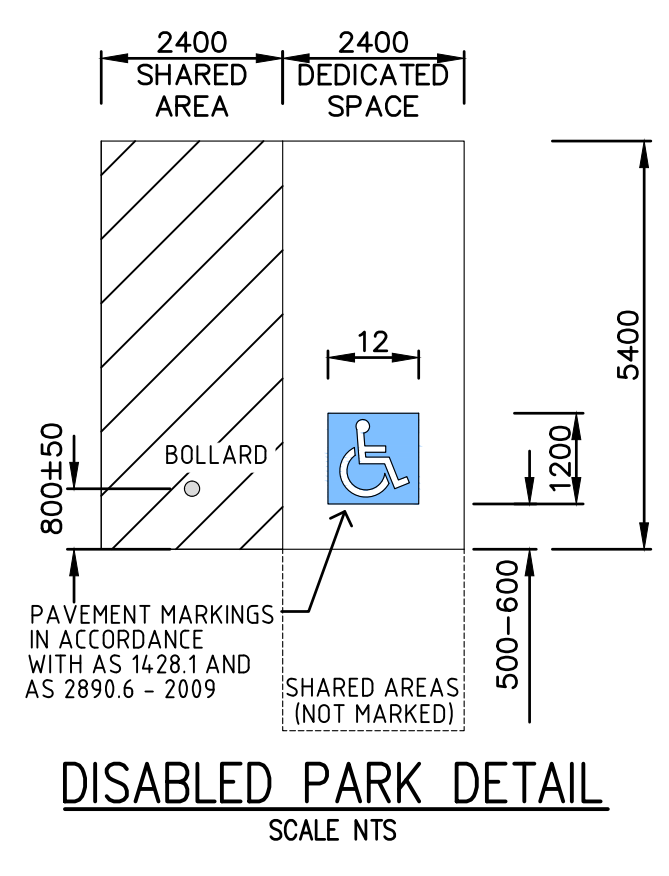
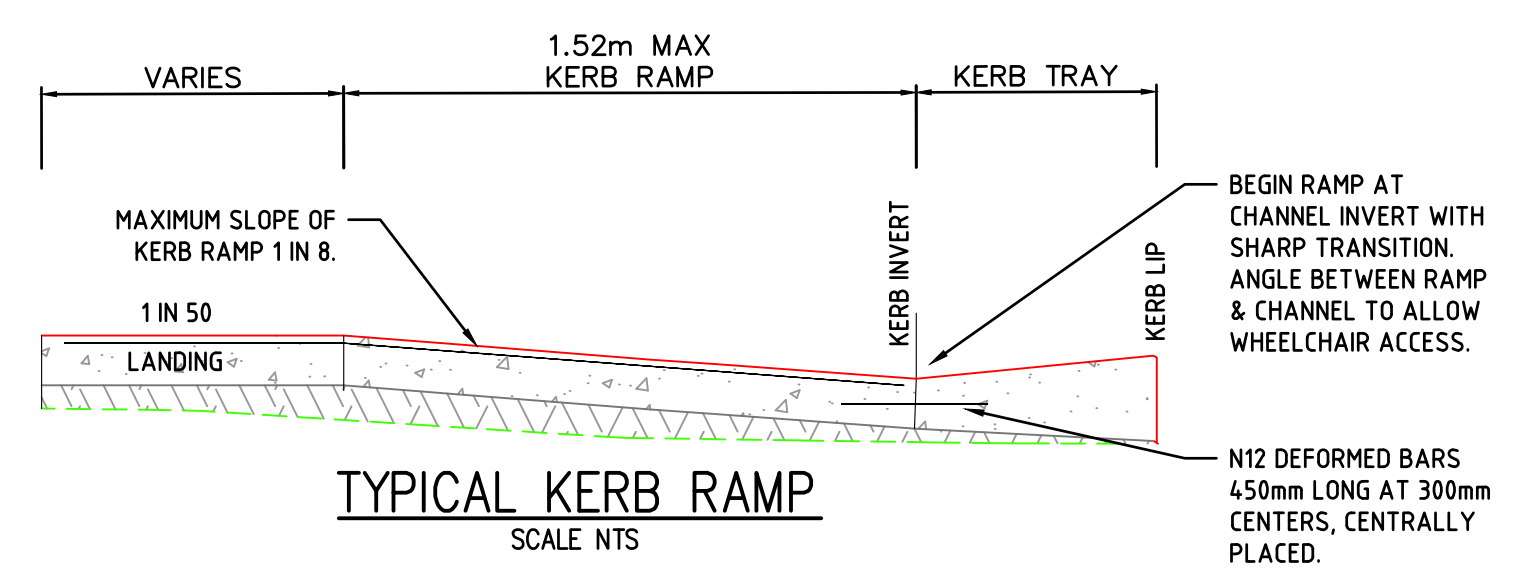


CONCEPT PLAN ONLY.
SITE LEVELS SUBJECT
TO DETAILED DESIGN.

- NOTE:
1. CONTRACTOR TO CALL BEFORE YOU DIG ON PH 1100 AND LOCATE ALL SERVICES BY HAND PRIOR TO COMMENCEMENT OF ANY WORKS TO VERIFY THE LOCATION OF ANY UNDERGROUND SERVICES.
 2. ALL DRAINAGE WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS 3500.
 3. CONNECTION TO EXISTING PIT IN ACCORDANCE WITH COUNCIL REQUIREMENTS.
 4. ALL PITS TO BE A MINIMUM OF 450 x 450 SQ PITS UNLESS SPECIFIED ON THE PLAN
 5. DEPTH OF PITS 450mm SQ PIT 0.60m AND 600mm PIT 0.90m.
 6. MINIMUM COVER ON PVC STORM WATER UNDER CONCRETE PAVEMENT TO BE 100mm FROM UNDERSIDE OF PAVEMENT AND 500mm COVER UNDER ASPHALT PAVEMENT. REFER TO TABLE 7.1 IN AS 3500.3.
 7. 3% CEMENT STABILISED SAND WHERE COVER CANNOT BE ACHIEVED.
 8. MINIMUM GRADE OF 100mm AND 150mm STORM WATER PIPE TO BE 1%.
 9. MINIMUM GRADE OF CARPARK PAVEMENT IS 0.5% FOR CONCRETE AND 1% FOR ASPHALT.
 10. MAXIMUM DISTANCE BETWEEN DOWELED EXPANSION JOINT TO BE 15m UNLESS NOTED OTHERWISE.
 11. FIRE HYDRANTS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. CONTRACTOR TO CONFIRM LOCATION PRIOR TO COMMENCEMENT OF ANY WORKS.



DRAWING SCHEDULE			
SHEET No	DESCRIPTION	REVISION	DWG. No
1	STORMWATER MANAGEMENT PLAN	G	701073-C-01
2	CATCHMENT PLAN	G	701073-C-02
3	DRAINAGE LONGITUDINAL SECTION - SHEET 1 OF 2	G	701073-C-03
4	DRAINAGE LONGITUDINAL SECTION - SHEET 2 OF 2	G	701073-C-04



REV.	AMENDMENTS	DATE	INIT.
G	DESIGN AMENDED	20.06.24	JEK
F	DRAINAGE LONG SECTIONS ADDED	22.01.24	JEK
E	CATCHMENTS UPDATED	22.01.24	TO
D	ISSUED FOR DA - FFL UPDATED	14.12.23	TO
C	CLIENT COMMENTS ADDRESSED	17.10.23	JS
B	STORMWATER MANAGEMENT PLAN	16.10.23	JS
A	CONCEPT	40.04.23	JF

NOTES:

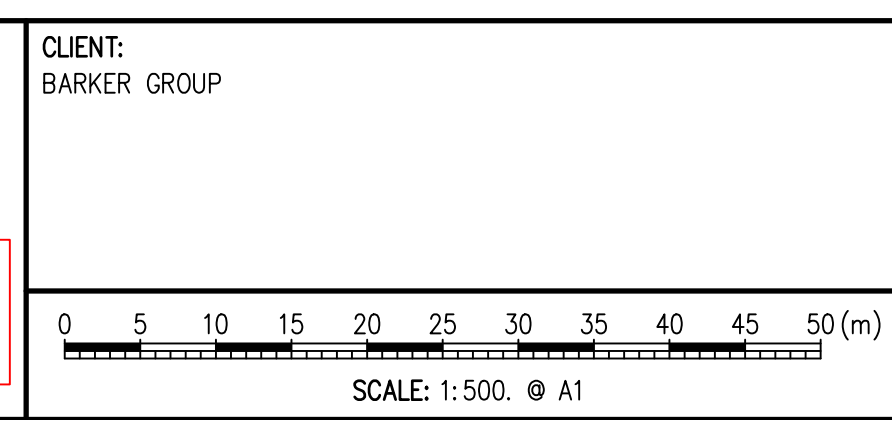
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FOR DA

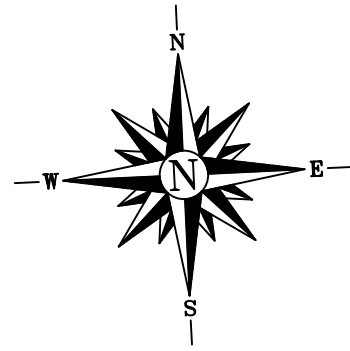
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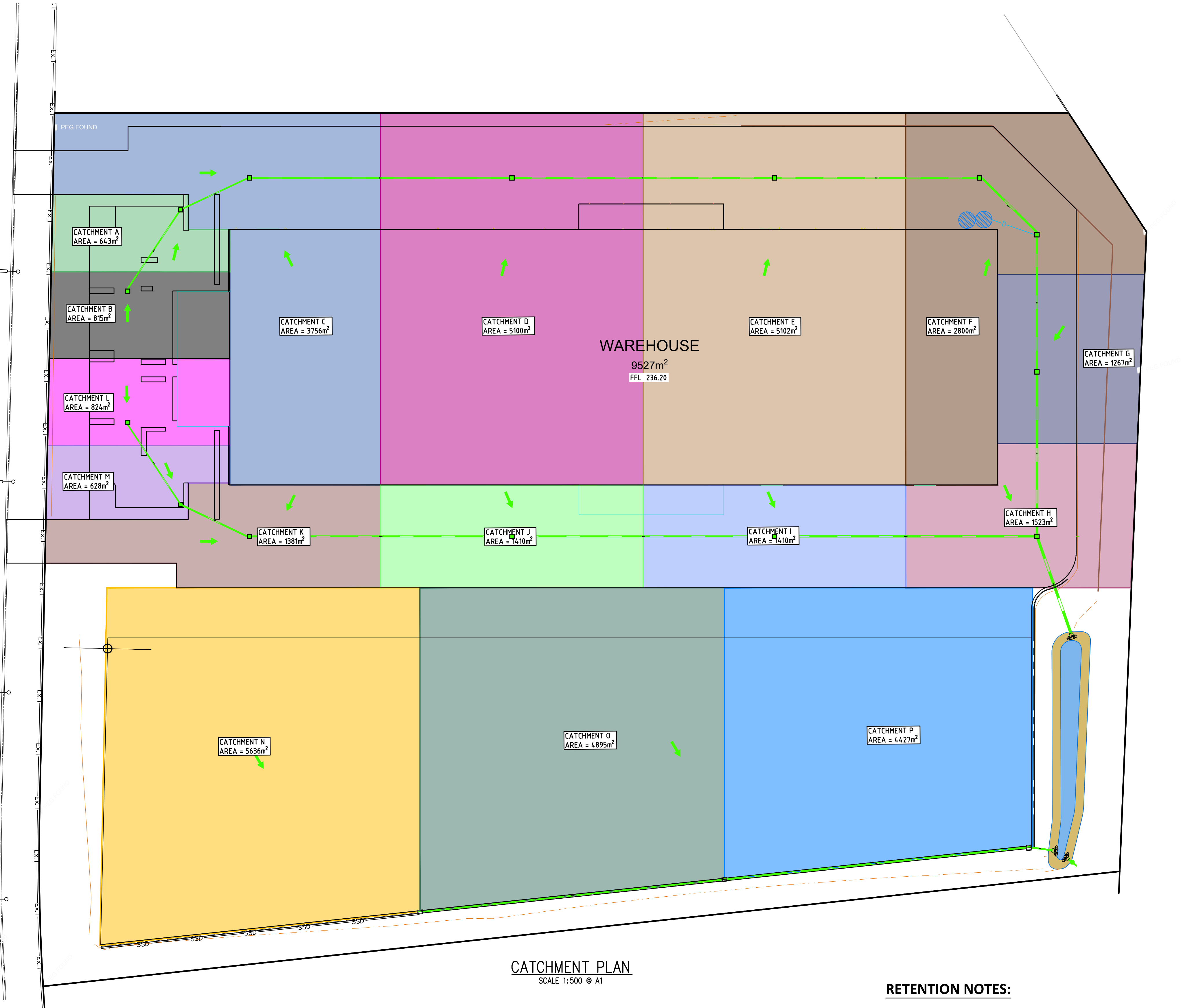
SJE
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PROJECT REFERENCE: 701073		PRINTED : 20/06/2024		BY: JASHAN SINGH	A1
STOMRWATER MANAGEMENT PLAN PROPOSED INDUSTRIAL SHEDS 21 MCLAURINS ROAD ETTAMOGAH, NSW					
DESIGNER: J.FORREST	DRAWN: J.SINGH		DRAWING NO.		REVISION
CHECKED: C.FISHER	SHEET: 1 OF 4		701073-G-01		G



McLAURINS ROAD



RETENTION NOTES:

- TOTAL RETENTION REQUIRED $= 77 + 89 + 105 + 51\text{m}^3$
 $= 323\text{m}^3$
- TOTAL RETENTION ACHIEVED $= \text{IN PITS AND PIPES} + \text{TANKS} + \text{RETENTION BASIN}$
 $= 152.6 + 45 + 163\text{m}^3$
 $= 360\text{m}^3$

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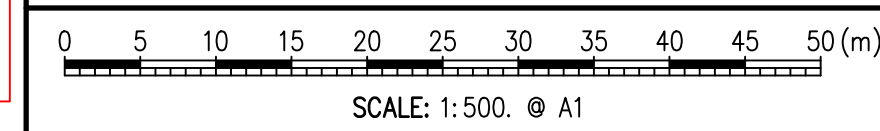
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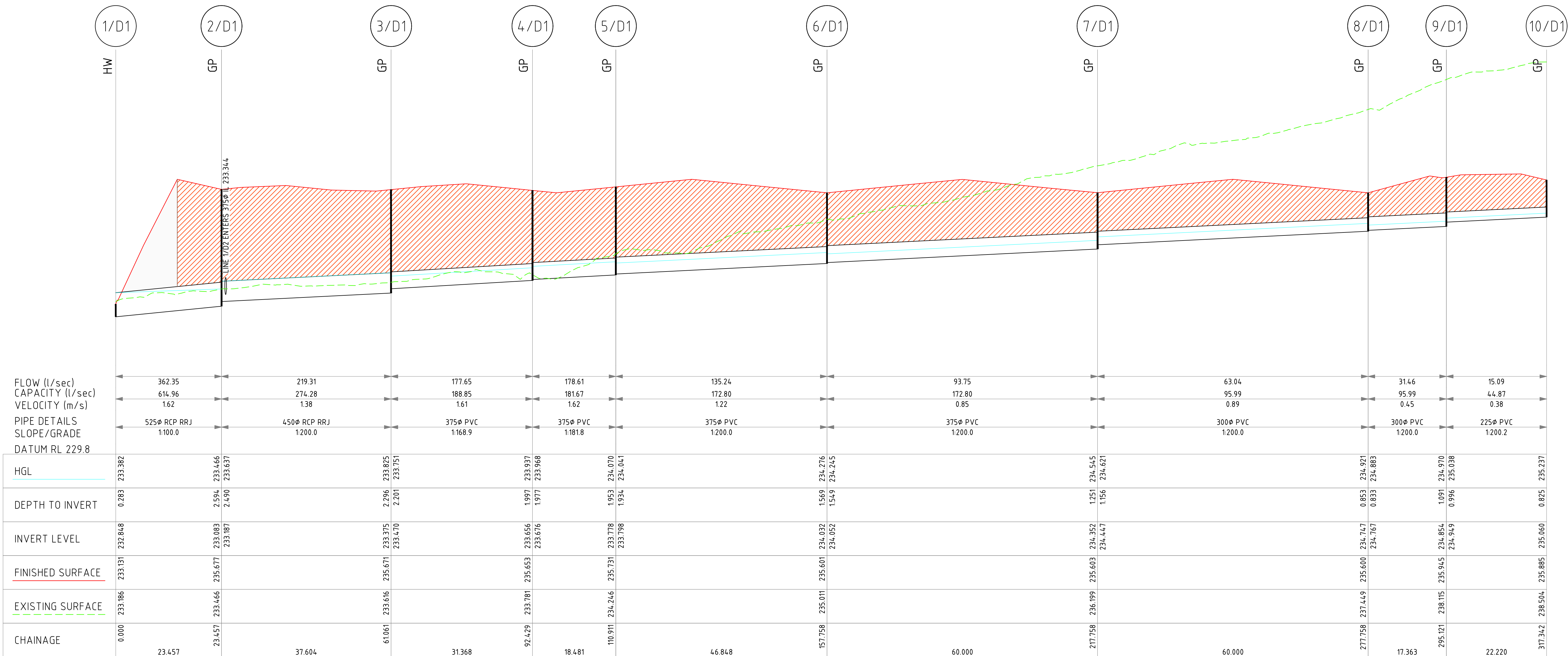
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CLIENT:
BARKER GROUP



PROJECT REFERENCE: 701073		PRINTED : 20/06/2024 BY: JASHAN SINGH		A1
CATCHMENT PLAN PROPOSED INDUSTRIAL SHEDS 21 McLAURINS ROAD ETTAMOGAH, NSW				
DESIGNER: J.FORREST	DRAWN: J.SINGH	DRAWING NO.	REVISION	
CHECKED: C.FISHER	SHEET: 2 OF 4	701073-G-02	G	

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DRAINAGE LONGITUDINAL SECTION (SHEET 1 OF 2)
SCALES: HORIZONTAL 1:500 VERTICAL 1:50

LEGEND

- DESIGN SURFACE
- EXISTING SURFACE
- GRAVEL BACKFILL
- EARTH BACKFILL
- EARTH CUT

MINIMUM INTERNAL DIMENSIONS FOR STORMWATER AND INLET PITS			
DEPTH TO INVERT OF OUTLET	MINIMUM INTERNAL DIMENSIONS (mm)		
	RECTANGULAR		CIRCULAR
	WIDTH	LENGTH	DIAMETER
≤450	350	350	-
≤600	450	450	600
>600 ≤900	600	600	900
>900 ≤1200	600	900	1000
>1200	900	900	1000

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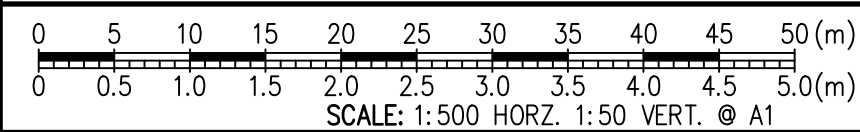
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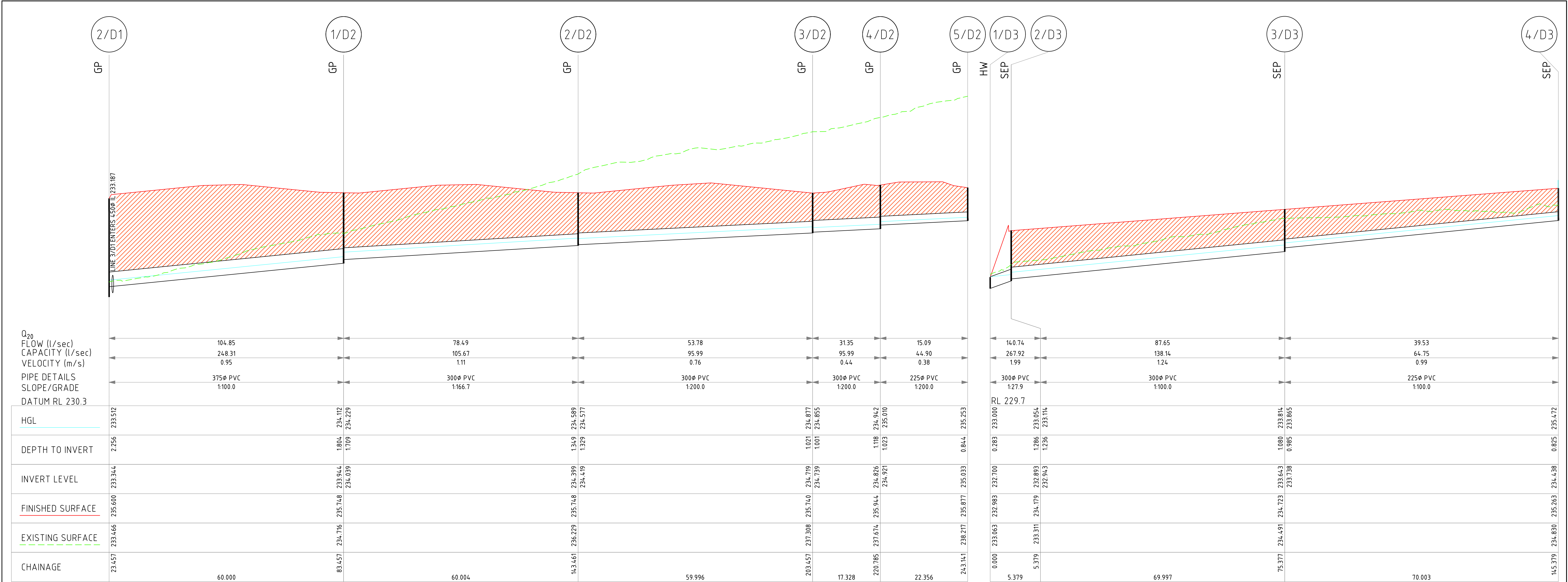
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PROJECT REFERENCE: 701073		PRINTED : 20/06/2024 BY: JASHAN SINGH		A1
DRAINAGE LONGITUDINAL SECTION (SHEET 1 OF 2)				
PROPOSED INDUSTRIAL SHEDS				
21 MCLAURINS ROAD				
ETTAMOGAH, NSW				
DESIGNER: J.FORREST	DRAWN: J.SINGH		DRAWING NO.	REVISION
CHECKED: C.FISHER	SHEET: 3 OF 4		701073-G-03	G

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DRAINAGE LONGITUDINAL SECTION (SHEET 2 OF 2)

DRAINAGE LONGITUDINAL SECTION (SHEET 2 OF 2)

Pit Schedule											
Pit No.	Pit Type	Pit Width	Pit Length	Outlet Diameter	Outlet Invert RL	Inlet Diameter	Inlet Invert RL	Pit Depth	Pit Lid Level	Easting	Northing
		(mm)	(mm)	(mm)	(m)	(mm)	(m)	(m)	(m)	(m)	(m)
1/D1	HW	900	1000			525	232.848	0.283	233.131	497969.95	6018978.596
2/D1	GP	900	900	525	233.083	450	233.187	2.594	235.677	497963.34	6019001.103
						375	233.344				
3/D1	GP	900	900	450	233.375	375	233.470	2.296	235.671	497965.29	6019038.656
1/D2	GP	900	900	375	233.944	300	234.039	1.804	235.748	497903.42	6019004.215
4/D1	GP	900	900	375	233.656	375	233.676	1.997	235.653	497966.92	6019069.982
2/D2	GP	900	900	300	234.399	300	234.419	1.349	235.748	497843.50	6019007.328
5/D1	GP	900	900	375	233.778	375	233.798	1.953	235.731	497954.46	6019083.630
3/D2	GP	600	900	300	234.719	300	234.739	1.021	235.740	497783.58	6019010.440
6/D1	GP	900	900	375	234.032	375	234.052	1.569	235.601	497907.67	6019086.060
4/D2	GP	600	900	300	234.826	225	234.921	1.118	235.944	497768.26	6019018.531
7/D1	GP	600	600	375	234.352	300	234.447	1.251	235.603	497847.75	6019089.173
5/D2	GP	600	600	225	235.033			0.844	235.877	497757.11	6019037.905
8/D1	GP	600	900	300	234.747	300	234.767	0.853	235.600	497787.83	6019092.285
9/D1	GP	600	600	300	234.854	225	234.949	1.091	235.945	497771.71	6019085.852
10/D1	GP	600	600	225	235.060			0.825	235.885	497758.66	6019067.864
1/D3	HW					300	232.700	0.283	232.983	497963.11	6018929.232
2/D3	SEP	900	900	300	232.893	300	232.943	1.286	234.179	497957.83	6018930.234
3/D3	SEP	600	900	300	233.643	225	233.738	1.080	234.723	497887.93	6018926.469
4/D3	SEP	600	900	225	234.438			0.825	235.263	497818.03	6018922.656

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	RECTANGULAR		CIRCULAR
	WIDTH	LENGTH	DIAMETER
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FOR DA

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PROJECT REFERENCE: 701073 PRINTED : 20/06/2024 BY: JASHAN SINGH

DRAINAGE LONGITUDINAL SECTION (SHEET 2 OF 2)
PROPOSED INDUSTRIAL SHEDS
21 MCLAURINS ROAD
ETTAMOGAH, NSW

DESIGNER: J.FORREST	DRAWN: J.SINGH	DRAWING NO. 701073-G-04	REVISION G
CHECKED: C.FISHER	SHEET: 4 OF 4		