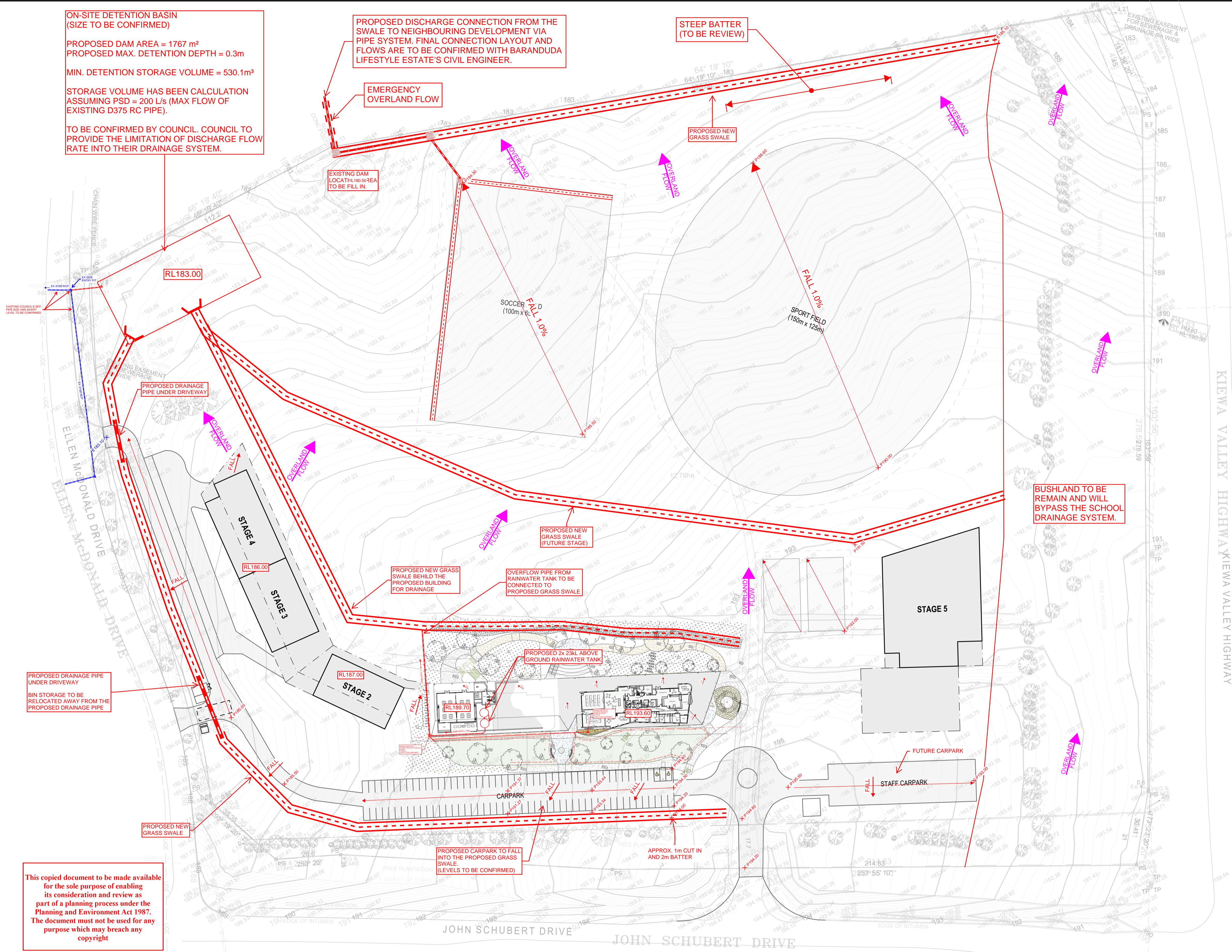


ON-SITE DETENTION BASIN (SIZE TO BE CONFIRMED)  
 PROPOSED DAM AREA = 1767 m<sup>2</sup>  
 PROPOSED MAX. DETENTION DEPTH = 0.3m  
 MIN. DETENTION STORAGE VOLUME = 530.1m<sup>3</sup>  
 STORAGE VOLUME HAS BEEN CALCULATION ASSUMING PSD = 200 L/s (MAX FLOW OF EXISTING D375 RC PIPE).  
 TO BE CONFIRMED BY COUNCIL. COUNCIL TO PROVIDE THE LIMITATION OF DISCHARGE FLOW RATE INTO THEIR DRAINAGE SYSTEM.

PROPOSED DISCHARGE CONNECTION FROM THE SWALE TO NEIGHBOURING DEVELOPMENT VIA PIPE SYSTEM. FINAL CONNECTION LAYOUT AND FLOWS ARE TO BE CONFIRMED WITH BARANDUDA LIFESTYLE ESTATE'S CIVIL ENGINEER.

STEEP BATTER (TO BE REVIEW)

ADVERTISED PLAN



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OVERALL SITE MASTER PLAN  
 SCALE 1:800

Issue	Description	Date
8	CIVIL CONCEPT	23/02/26
7	CIVIL CONCEPT	17/02/26
6	CIVIL CONCEPT	13/02/26
5	CIVIL CONCEPT	19/12/25
4	CIVIL CONCEPT	28/11/25
3	CIVIL CONCEPT	01/08/25
2	CIVIL CONCEPT	31/07/25
1	CIVIL CONCEPT	02/06/25

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 ACN 117 603 531

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CLIENT:  
**LAW ARCHITECTS**

ARCHITECT:  
**LAW ARCHITECTS**

TITLE:  
**CIVIL CONCEPT - MASTER DRAINAGE PLAN**

Designed	WL	Drawn		North
Project Leader	GD	Sheet Size	A1	↑
Project Director	GD	Certified		
Plotted 07/31/2024 by Wendy				

PROJECT NUMBER:  
**250324**  
 DRAWING NUMBER:  
**SKC001**  
 REVISION:  
**8**

**ON-SITE DETENTION BASIN (SIZE TO BE CONFIRMED)**

PROPOSED DAM AREA = 1767 m<sup>2</sup>  
 PROPOSED MAX. DETENTION DEPTH = 0.3m

MIN. DETENTION STORAGE VOLUME = 530.1m<sup>3</sup>

STORAGE VOLUME HAS BEEN CALCULATION ASSUMING PSD = 200 L/s (MAX FLOW OF EXISTING D375 RC PIPE).

TO BE CONFIRMED BY COUNCIL. COUNCIL TO PROVIDE THE LIMITATION OF DISCHARGE FLOW RATE INTO THEIR DRAINAGE SYSTEM.

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STEEP BATTER (TO BE REVIEW)

**TOTAL SITE AREA = 127713m<sup>2</sup>**

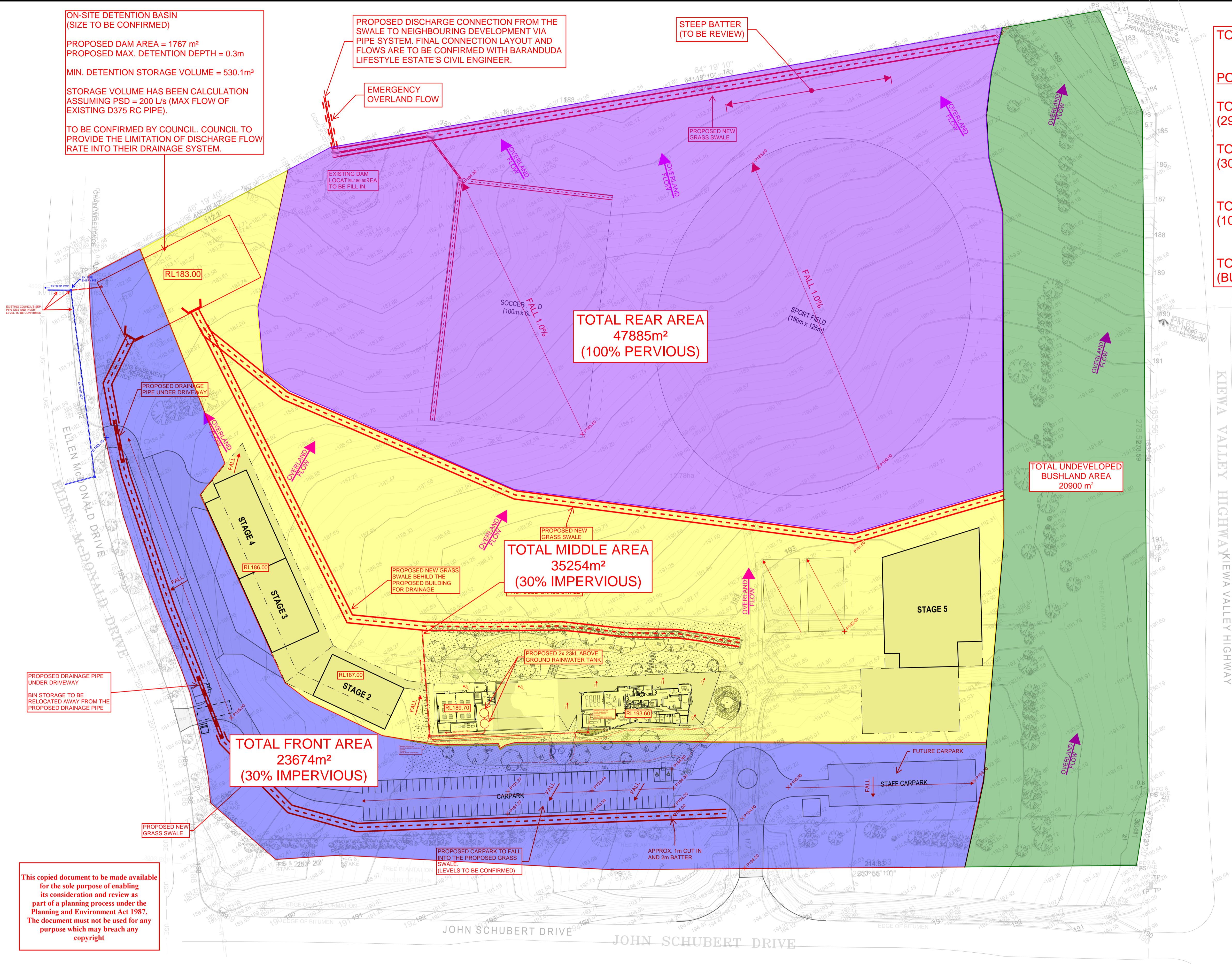
**POST DEVELOPMENT:**

**TOTAL FRONT AREA = 23674m<sup>2</sup> (29% IMPERVIOUS)**

**TOTAL MIDDLE AREA = 35254m<sup>2</sup> (30% IMPERVIOUS)**

**TOTAL REAR AREA = 47885m<sup>2</sup> (100% PERVIOUS)**

**TOTAL SIDE AREA = 20900m<sup>2</sup> (BUSHLAND BYPASS)**



**TOTAL REAR AREA 47885m<sup>2</sup> (100% PERVIOUS)**

**TOTAL MIDDLE AREA 35254m<sup>2</sup> (30% IMPERVIOUS)**

**TOTAL FRONT AREA 23674m<sup>2</sup> (30% IMPERVIOUS)**

**TOTAL UNDEVELOPED BUSHLAND AREA 20900 m<sup>2</sup>**

**ADVERTISED PLAN**

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**OVERALL SITE CATCHMENT PLAN**  
 SCALE 1:800

Issue	Description	Date
4	SITE CATCHMENT CONCEPT	23/02/26
3	SITE CATCHMENT CONCEPT	17/02/26
2	SITE CATCHMENT CONCEPT	19/12/25
1	SITE CATCHMENT CONCEPT	02/06/25

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CLIENT:  
**LAW ARCHITECTS**

ARCHITECT:  
**LAW ARCHITECTS**

TITLE:  
**CIVIL CONCEPT - OVERALL SITE CATCHMENT PLAN**

PROJECT NUMBER:  
**250324**

DRAWING NUMBER:  
**SKC001**

REVISION:  
**4**

Designed	WL	Drawn		North
Project Leader	GD	Sheet Size	A1	↑
Project Director	GD	Certified		
Plotted 07/31/2024 by Wendy				