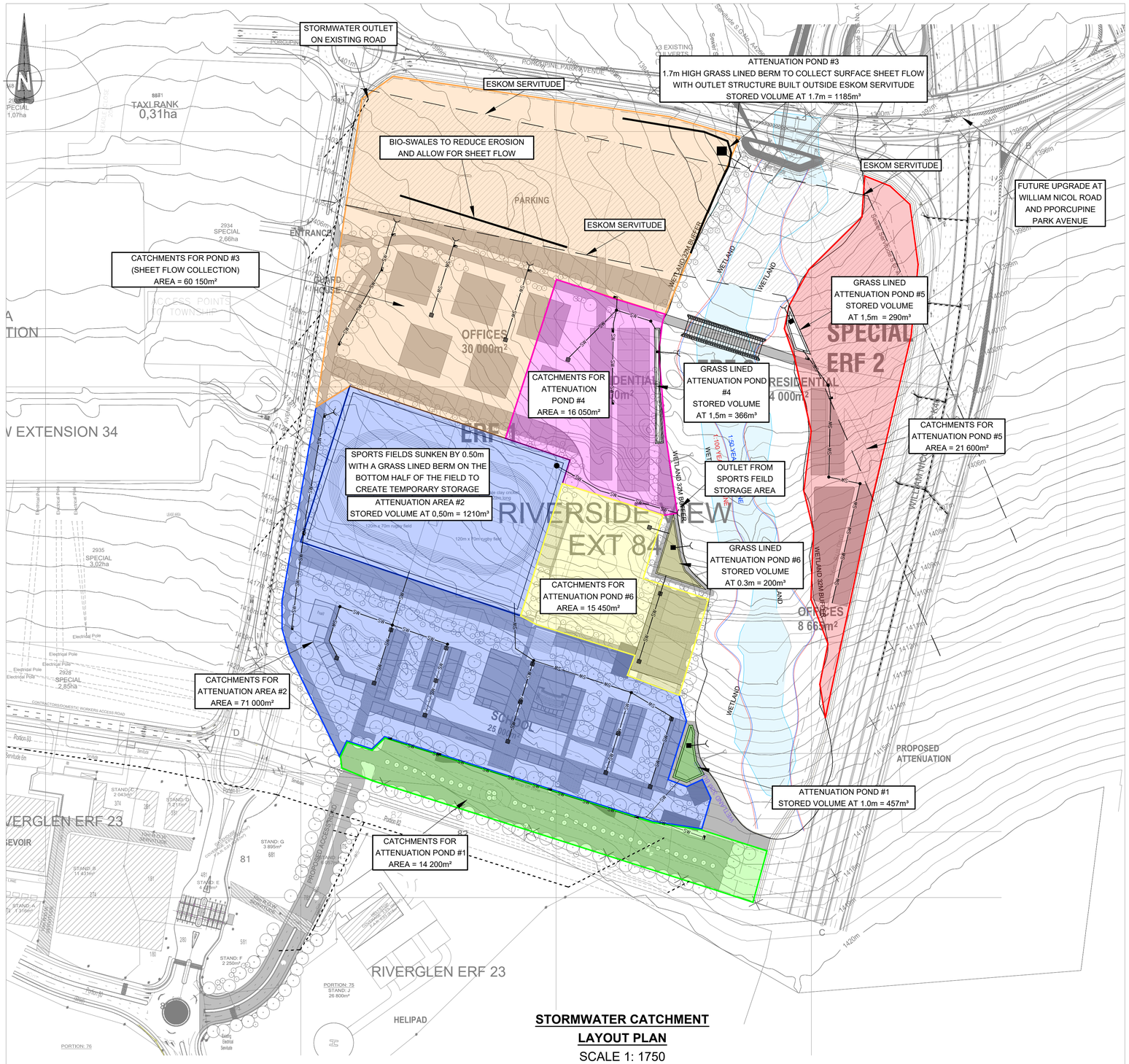


STORMWATER CATCHMENT LAYOUT PLAN

SCALE 1: 1750

LEGEND

SW	NEW 450mm Ø CONCRETE STORMWATER PIPE
	EXISTING STORMWATER PIPE
	KERB INLETS
	GRID INLET
	OUTLET STRUCTURE

1. JOHANNESBURG ROAD AGENCY

1.1. ALL CONSTRUCTION SHALL CONFORM WITH ROAD & STORMWATER MANUAL, VOLUME 2 STANDARD DESIGN AND DETAIL FOR ROADS AND STORMWATER , PART 2 - STORMWATER (JUNE 2015), OR WITH RELEVANT SANS 1200 SPECIFICATIONS.

1.2. NO HIDDEN JUNCTION BOXES WILL BE ALLOWED WITHIN PUBLIC ROAD RESERVE.

2. NOTES

2.1. STORMWATER PIPES SHALL BE CONCRETE OGEE PIPES (CLASS 100D).

2.2. THE CONTRACTOR IS TO SEARCH FOR AND CONFIRM POSITIONS AND DEPTHS OF ALL SERVICES BEFORE COMMENCING WORK.

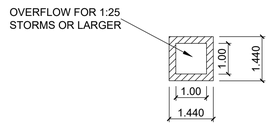
2.3. CONTRACTOR TO CONFIRM INVERT LEVELS OF EXISTING STORMWATER MANHOLES AT CONNECTION POINTS, PRIOR TO CONSTRUCTION OF EXT 14 : STORMWATER RETICULATION COMMENCING.

2.4. ALL STORMWATER PIPES AND INLETS ARE POSITIONED ACCORDING TO AVAILABLE SURVEY INFORMATION AND MAY REQUIRE ADJUSTMENT AS INSTRUCTED BY THE ENGINEER TO SUIT CONDITIONS ON SITE.

2.5. ACCESS TO PRIVATE PROPERTIES IS TO BE MAINTAINED AT ALL TIMES.

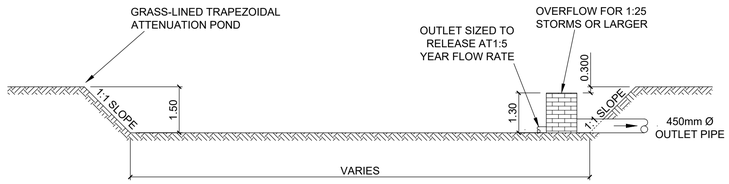
2.6. THE CONTRACTOR TO INFORM ENGINEER'S OF ANY STORMWATER CLASHING WITH OTHER SERVICES.

2.7. ALL RELEVANT WAYLEAVES TO BE OBTAINED BY CONTRACTOR PRIOR TO CONSTRUCTION COMMENCING.



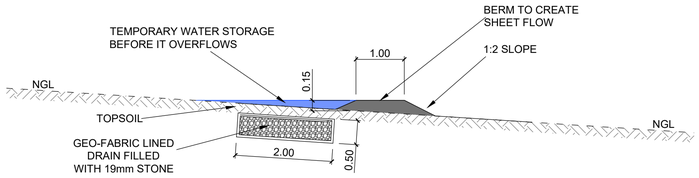
PLAN VIEW OF OUTLET TOWER

SCALE - N.T.S



TYPICAL CROSS SECTION OF TRAPEZOIDAL ATTENUATION POND

SCALE - N.T.S



TYPICAL CROSS SECTION OF BIO-SWALE WITH STONE DRAIN

SCALE - N.T.S

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APPROVED:

Pr. Eng. No.:

DATE:

Dwg No.	Rev No.
1574/17/310SW	B

SURVEYED		REV	AMENDMENTS	DATE
DESIGNED	B. DENYSSCHEN			
DRAWN	B. DENYSSCHEN			
CHECKED	A COMLEY			
CO-ORDINATE SYSTEM	WGS 29			
GEOTECHNICAL INVESTIGATION				
SERVITUDES				
APPROVED		B	TYPICAL ATTENUATION POND AND BIOSWALE DETAILS ADDED	17/08/2020
		A	ISSUED FOR INFORMATION	11/08/2020

STEYN CITY DEVELOPMENT

STORMWATER MANAGEMENT PLAN

STEYN CITY INVESTMENTS (PTY) LTD

Johannesburg Roads Agency
PRIVATE BAG X 70, BRAAMFONTEIN, JOHANNESBURG, 2017 GAUTENG, SOUTH AFRICA
TEL: 011-407-6487
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SCALE: AS SHOWN

PROJECT No.	REV.
1574/17/310SW	B

ORIGINAL PAGE SIZE: A1 — SHEET 1 OF 1

FILE No.