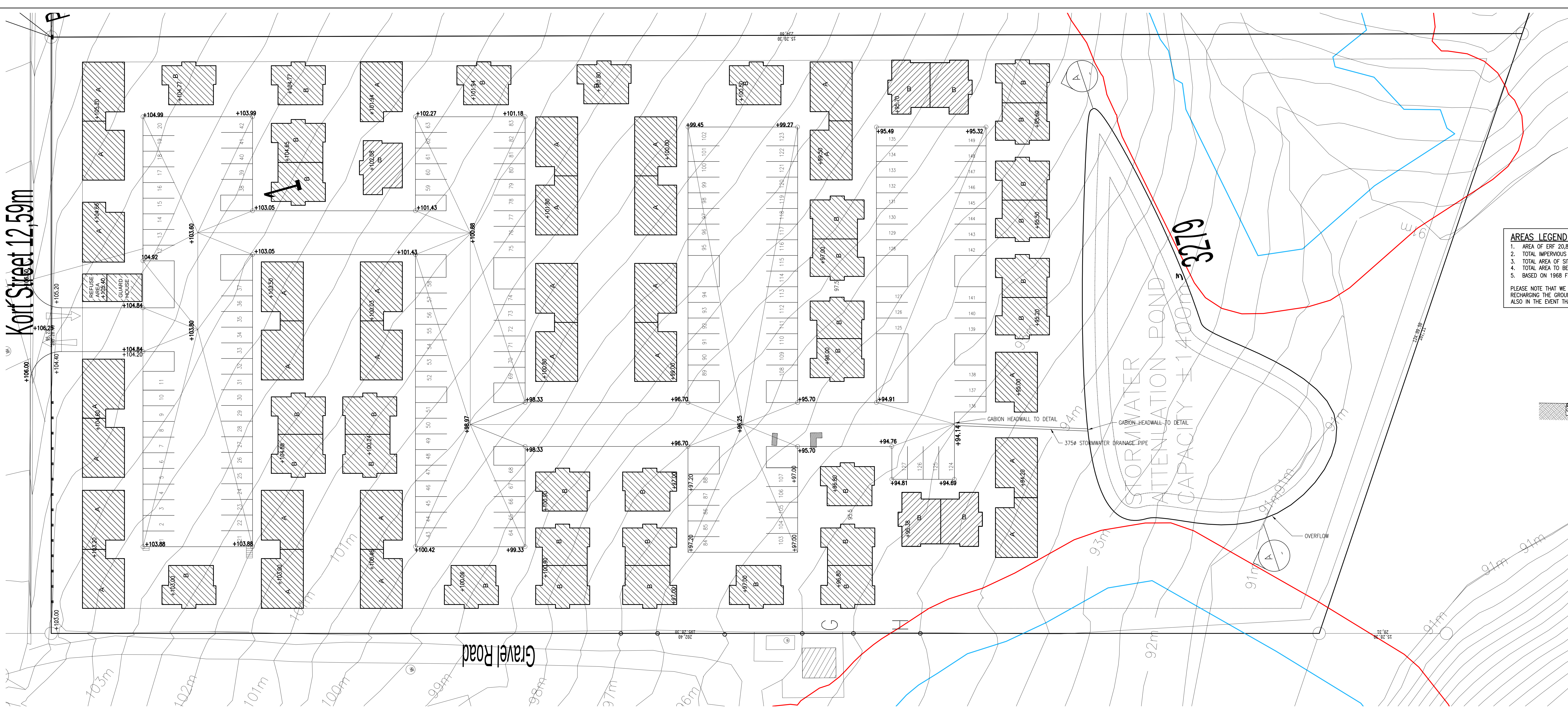
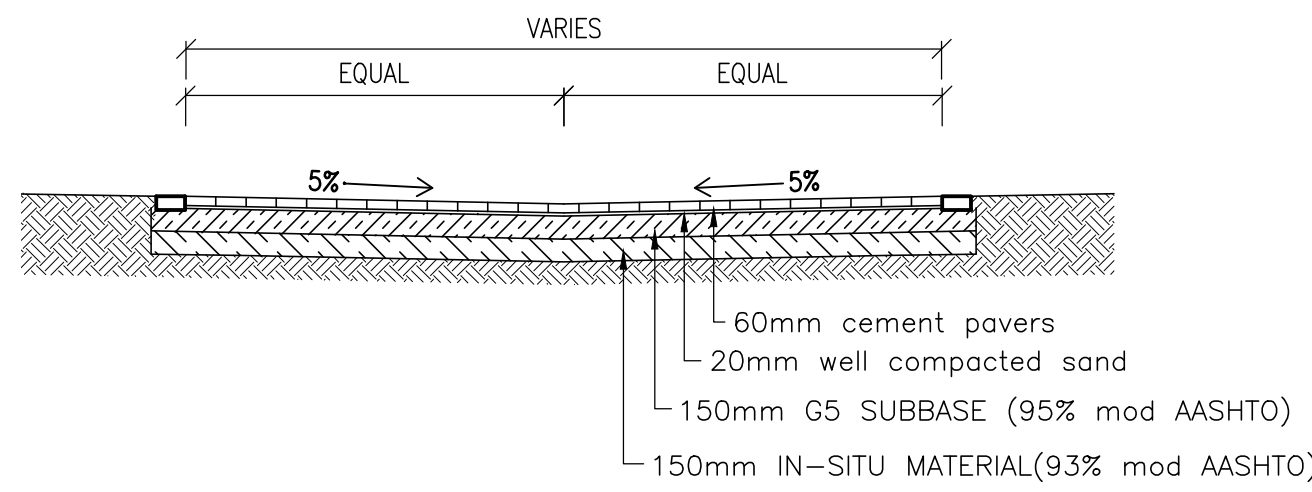


Kort Street 12,59m



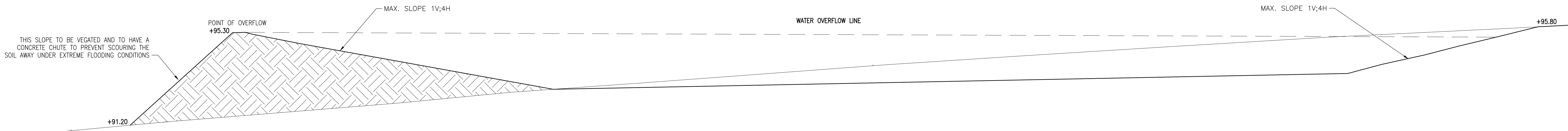
STORM WATER NOTES FOR DEVELOPMENT:
SPECIFIC CONDITIONS ARE CREATED ON SITE TO ENCOURAGE NATURAL GROUNDWATER RECHARGE. STORM WATER RUNOFF FROM THE SITE DRAINS NATURALLY TOWARDS THE EXISTING WATERCOURSE INTO THE DAM AT THE SOUTH-WESTERN CORNER OF ERF 3279. THE POST-DEVELOPMENT WATER RUNOFF WILL NOT EXCEED THE PRE-DEVELOPMENT WATER RUNOFF. THIS IS ACHIEVED BY MANAGING THE STORM WATER BY MEANS OF STRATEGICALLY PLACED ATTENUATION PONDS INTO WHICH THE ROADWAYS AND PAVEMENTS DISCHARGE. THE ROOF RUNOFF WILL DISCHARGE INTO 2500 LITER TANKS PROVIDED FOR EACH UNIT/BLOCK FOR GRAY WATER USAGE.

AREAS LEGEND FOR ERF 3279:
1. AREA OF ERF 20,873m²
2. TOTAL IMPERVIOUS AREA (PAVED SURFACES) = 4636⁸ (±22%) DRAINING INTO RETENTION POND
3. TOTAL AREA OF SITE ABOVE WATERCOURSE (INCLUDING THE PAVED AREAS) DRAINING TO POND = 15462m²
4. TOTAL AREA TO BE RETAINED IN A RETENTION POND = 274% OF THE SITE
5. BASED ON 1988 FLOODS (89mm/m²) WE REQUIRE 1376m³ WE PROVIDE ±1400m³ WITH AN OVERFLOW
PLEASE NOTE THAT WE HAVE IGNORED THE EFFECT OF WATER SOAKING INTO THE GRASSED AREAS WHICH WILL BE RECHARGING THE GROUNDWATER, IN THE EVENT THAT THE GROUND BEING SATURATED DURING AN EXTREME STORM AND ALSO IN THE EVENT THAT THE WATER TANKS FOR ROOF RUNOFF ARE OVERFLOWING.



TYPICAL PARKING AND ROADS SECTION
SCALE 1:50

SITE PLAN erf 3279 SHOWING PARKING AND STORMWATER LAYOUT
SCALE 1:250



SECTION A - A
SCALE 1:50 THROUGH ERF 3280 ATTENUATION POND ±1600 cub.m WITH AN OVERFLOW

THIS DRAWING IS COPYRIGHT PROTECTED AND MAY NOT BE REPRODUCED IN ANY FORM WITHOUT THE PRIOR WRITTEN CONSENT OF G SQUARED PROJECT MANAGEMENT (PTY) LTD.

NO.	DATE	REVISION	BY

G SQUARED PROJECT MANAGEMENT (PTY) LTD
Project managers & Consulting Engineers
1 Kingston Road
Adelaide
Port Elizabeth
Tel: 041 374 1551
Cell: 084 444 9478
Fax: 084 546 1324
Email: don@gquaredpm.com

CLIENT: **WAMBALA (PTY) LTD**
PROJECT / AREA: **G SQUARED ARCHITECTURAL DIVISION**
PROJECT: **SPEKBOOM TOWNHOUSE COMPLEX**
ERF 3279 HUMANSDORP
DRAWING TITLE: **TYPICAL STORMWATER LAYOUT & DETAILS**

	SIGNATURE		DATE	SHEET SIZE
DESIGNED	DBG	Pr.Eng. No. 930179	2023/12/01	A0
DRAWN	DBG		2024/05/10	SCALE
CHECKED				AS SHOWN

DP4378 - C - S-W - 002/3279

COPYRIGHT RESERVED

IF IN DOUBT - ASK!
DO NOT SCALE, USE
DIMENSIONS ONLY