



KEY

- SURFACE WATER DRAIN
- FOUL WATER DRAIN
- SURFACE WATER MANHOLE/INSPECTION CHAMBER
- FOUL WATER MANHOLE/INSPECTION CHAMBER
- PROPOSED SW STORAGE CRATE SYSTEM - POLYSTYRENE (OR SIMILAR APPROVED) DIMENSIONS AS INDICATED

NOTE

THE FLOOD RISK ASSESSMENT (PICK EVERARD ART/CMH/MNS/140423/R001 JUNE 2014) SUGGESTS THAT SURFACE WATER FLOW FROM SITE BE RESTRICTED TO A GREENFIELD RUN OFF OF 10.08L/S (BASED ON THE 1:100 YEAR STORM) AS THE SITE IS LOCATED WITHIN A CRITICAL DRAINAGE AREA (CDA) THAT HAS BEEN IDENTIFIED WITHIN CAMDEN'S SURFACE WATER MANAGEMENT PLAN (SWMP).

THE SURFACE WATER ATTENUATION VOLUME (REQUIRED TO STORE THE WATER FROM THE IMPERMEABLE AREAS ON THE PROPOSED DEVELOPMENT) VARIES FROM 336 - 638m³ FOR THE 1:100 YEAR STORM. FOR THE PURPOSES OF THIS PLANNING DRAWING A MEDIAN VOLUME OF 487m³ HAS BEEN CHOSEN TO DEMONSTRATE THE SURFACE WATER DRAINAGE STRATEGY (ACTUAL VOLUMES WILL BE DETERMINED AS PART OF THE DETAILED DESIGN PROCESS IN DUE COURSE).

THE VOLUME HAS THEN BEEN APPORTIONED ACROSS THE PROPOSED AREAS OF NEW DEVELOPMENT ON THE SITE BASED ON THE IMPERMEABLE AREA FOR EACH ZONE AND THE ATTENUATION TANKS SIZED ACCORDINGLY.

IT IS SUGGESTED BY THE STRATEGY ON THIS PLAN THAT NEW PAVED AREAS ARE CONSTRUCTED IN PERMEABLE PAVING (SUBJECT TO SOAKAGE TESTS) IN ORDER TO REDUCE THE VOLUME OF SURFACE WATER STORED IN THE ATTENUATION TANKS.

THE DESIGN WILL BE TESTED FOR THE 1 IN 100 YEAR STORM PLUS AN ALLOWANCE OF 30% FOR CLIMATE CHANGE.

DETAILED DESIGN IS SUBJECT TO FURTHER INVESTIGATION AND CONFIRMATION OF THE EXISTING ON-SITE DRAINAGE PROVISION TO PROVE OUTFALLS

A	18.08.14	FIRST ISSUE - FOR PLANNING	HAL	SH	SH
Rev	DATE	REVISION HISTORY	Dsg	Dwg	App
ALL REVISIONS					

PARLIAMENT HILL & WILLIAM ELLIS SCHOOLS

KEY PLAN

ORIGINATOR

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Name	Signature	Date
Designed by	SH	SH
Drawn by	HAL	HAL
Checked	SH	SH
Approved	DC	DC

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1:250 @ A0	WES-TER-EXT-GA-900100
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18.08.14	FOR PLANNING

PROJECT	ORIGINATOR	DISCIPLINE/TRADE	BUILDING/AREA	TYPE	LEVELS/LOCATIONS	SEQUENCE NUMBER	REV
WESTERA 21	EXT	GAGND	900100	A			