

Drainage Legend

- Existing Private Surface Water Sewer (& Manhole)
- Existing Private Foul Water Sewer (& Manhole)
- Existing Public Surface Water Sewer (& Manhole)
- Existing Public Foul Water Sewer (& Manhole)
- Existing Public Combined Sewer (& Manhole)
- Proposed Surface Water Sewer (& Manhole)
- Proposed Foul Water Sewer (& Manhole)
- Proposed Adoptable FW Demarcation Chamber
- Proposed Adoptable SW Demarcation Chamber
- Proposed Adoptable Foul Water Lateral
- Proposed Adoptable Surface Water Lateral
- Proposed Suspended Surface Water Drain
- RE --- Proposed Suspended SW Rodding Eye
- RWP --- Rainwater Collection Pipe at High Level
- Proposed Suspended Foul Water Drain
- RE --- Proposed Suspended FW Rodding Eye
- SVP --- Soil & Vent Pipe at High Level
- RG --- 4500 P.C.C. Road Gully
- YG --- Square Trapped V.C. Yard Gully c/w Shallow Bucket
- G(1,2,3) --- Gully / Outlet Serving the Podium Slab
- RE --- Rodding Eye (Refer to plan for invert level)
- RWP --- Rainwater Collection Pipe
- SU --- Drainage Channel (with Sump Unit)
- SVP --- Soil & Vent Pipe
- SS --- Stub Stack
- Rising Main - Surface Water
- Rising Main - Foul Water
- Pipeline with Concrete Surround
- XXXXXX --- Pipeline to be Removed / Abandoned

Any outlets marked with an (A) reference required rodding access. Refer to architects / M&E drawings for exact positions of internal connections and RWPS.

Note:

- This is an initial drainage scheme only and is subject to detailed design and development.
- All foul and surface water outlets positions have been assumed.
- The proposed drainage and infiltration measures have been sized for a peak 1:100 yr (+40% for climate change) storm event.

Rev.	Date	Description	Issued By
P3	20.07.17	LGF drainage updated to pick up patio areas and allow for emergency storage in the event of pump failure.	GEB
P2	14.07.17	Issued for Planning Approval	GEB
P1	12.06.17	Drawn	GEB

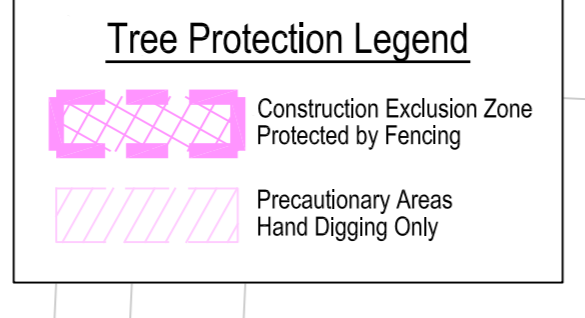
Planning

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Client: **Quantum Land and Property Limited**
 Project Title: **Former ICL Private Ground**

**Proposed Drainage Plan
 Area 1 - Plot A and GP Surgery
 Sheet 1 of 3 - Lower Ground Floor**

Drawn by	Scale	Date	Project No.	Sheet No.	Draw No. [Rev.]
GEB	1:200	Jun' 17	3336	005	P3



Attenuation Tank 1
 Tank Size = 29.0 x 5.0 x 2.0m deep
 Unit Size = 1.0 x 0.5 x 0.4m deep
 Unit Types = Wavin Aquacell 'Eco, Prime and Plus'
 CL 9.050
 Top of tank = 6.600
 IL 6.600 ±
 Sized for a peak 1:30 year (+20%) Storm

SW-PS Pump Station
 Chamber Size: TBC
 Model: TBC
 Max Flow: 4.5 l/s
 CL 9.080
 IL 6.550 ±