

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 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.

Tree Protection Legend

- Construction Exclusion Zone Protected by Fencing
- Precautionary Areas Hand Digging Only

Notes:

- This drawing is to be read in conjunction with all relevant architects, engineers and specialist sub-contractors drawings and the specification.
- All setting out to be in accordance with the schedules, any discrepancies between the engineers and the architects drawings to be referred to the architect before proceeding. Dimensions must not be scaled.
- Refer to drawing JB-3336-007 or 008 for the full list of drainage notes.

Site Location Plan - Scale = 1:4,000

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.

MUGA Sports Pitch
Sub-pitch drainage system, spaced between 8.0 and 15.0m. Subject to on-site ground conditions investigation.

Grass Sports Pitch
Additional drainage requirements for grassed pitch subject to on-site ground conditions investigation

Attenuation Pond / Swale
used to provide sufficient storage for a peak 1:100 year +40% storm. Volume required = 350.0m³

Permeable Paving System B/C, subject to on site infiltration tests and detailed design. See note 32.

MUGA Tennis Courts
Surface run-off to be picked up by a perimeter drain. Subject to on-site ground conditions investigation.

SWMH Hydrobrake
Chamber Size: TBC
Model: TBC
Max Flow: 12.9 l/s
CL 9.000
IL 7.000 ≈

EX-SWMH Ref: 4601
CL 9.490
IL 7.130

FWMH-D3 Demarcation Type-3 - 4500
CL 9.560
IL 7.360 ≈

EX-FWMH Ref: 5702
CL 9.010
IL -1.890

EX-SWMH Ref: 6703
CL 8.990
IL 6.550

EX-FWMH Ref: 6701
CL 8.960
IL -1.800

EX-FWMH Ref: 4701
CL 9.450
IL Unknown

EX-FWMH Ref: 4603
CL 9.400
IL 5.910

EX-SWMH Ref: 5701
CL 9.150
IL 7.600

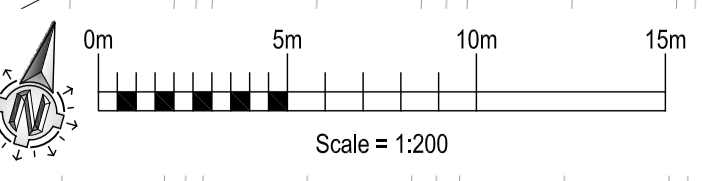
EX-FWMH Ref: 5704
CL 9.090
IL Unknown

EX-SWMH Ref: 5705
CL 9.070
IL Unknown

SWMH-D3 Demarcation Type-3 - 4500
CL 8.900
IL 6.900 ≈

EX-SWMH Ref: 6704
CL 8.920
IL 6.740

EX-FWMH Ref: 6702
CL 8.990
IL 5.410



P2	14.07.17	Issued for Planning Approval	GEB
P1	15.06.17	Drawn	GEB
Rev.	Date	Description	Issued By

Planning



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Client: **Quantum Land and Property Limited**

Project Title: **Former ICL Private Ground**

Drawing Title: **Proposed Drainage Plan Area 3 - Sports Pitches and Leisure Facility**

Drawn by	GEB	Project No.	3336	Drwg No. (Rev)	009 P2
Scale	1:400				
Date	May' 17				