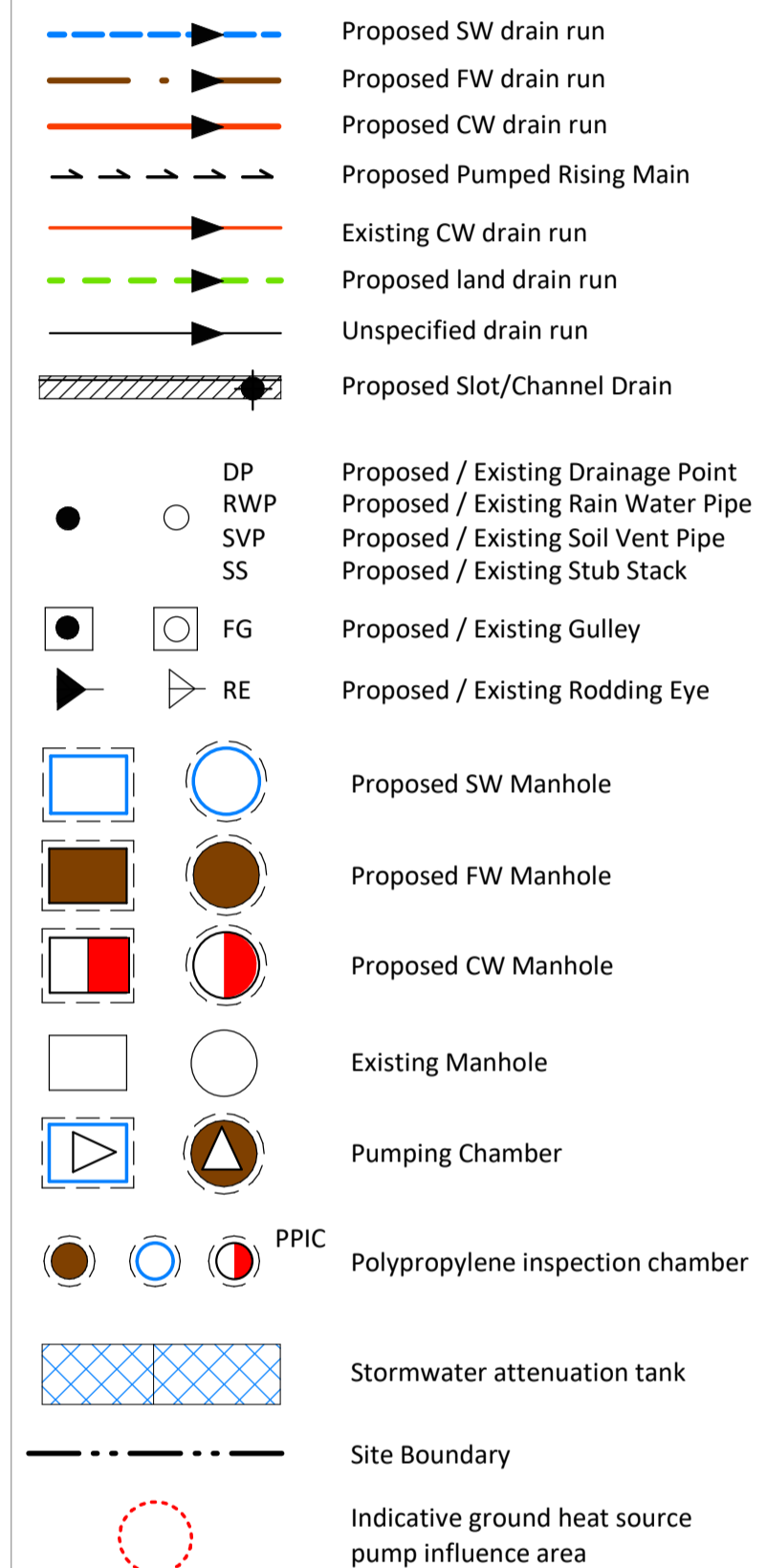


- This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
- Do not scale from this drawing in either paper or digital form. Use written dimensions only. To check drawing has been printed to the intended scale the above bar should be 100mm
- Refer to drawing no. 1942-DR001 for drainage notes and manhole schedule.
- Abbreviations:-

- CL - Cover Level
- IL - Invert Level
- SL - Soffit Level
- MH - Manhole
- SD - Slot Drain
- RWP - Rainwater Pipe
- SVP - Soil Vent Pipe
- DP - Drain Point
- RE - Rodding Eye

Drainage Key



Rev	Date	By	Eng	Amendments
C5	15.07.19	DP	CL	Ex. Manhole Position Revised As Clouded
C4	01.03.19	RG	RG	Construction Issue, land drain removed
C3	04.06.19	CL	CL	Construction Issue, amended following Landscape Arch. updates
C2	01.03.19	RG	RG	Construction Issue
C1	25.01.19	RG	RG	Issued For Information
P1	27.07.18	SR	NC	Issued For Information

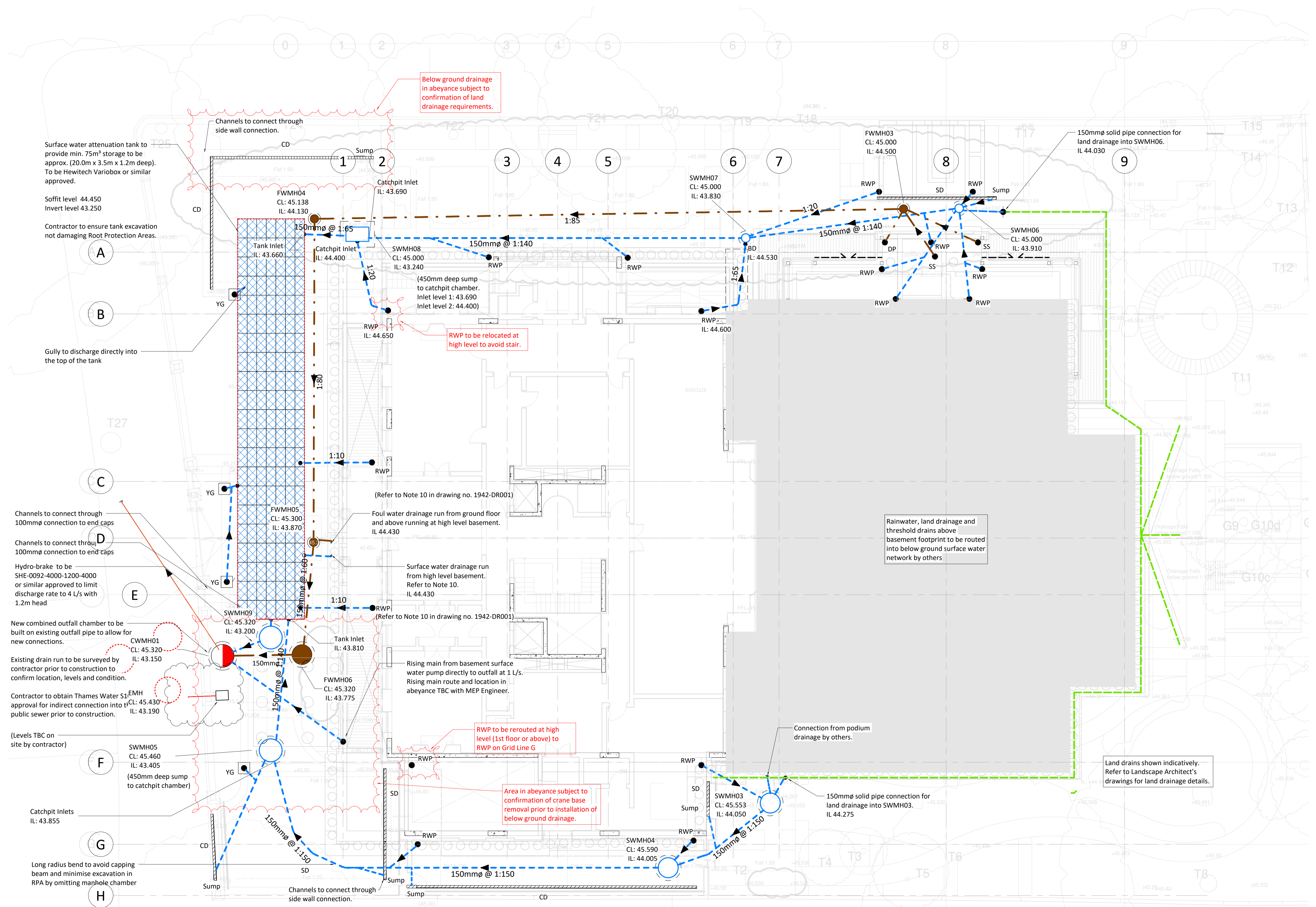
HEYNE TILLET STEEL STRUCTURAL ENGINEERS
hts.uk.com

Job Name
**73-75 Avenue Road
NW8 6JD, London**

Drawing Title
**Proposed Ground Floor
Drainage Plan**

Purpose of Issue **WIP** Scale at A1 **1 : 100**

Drg No **1942/DR100** Rev **C5**



Below ground drainage in abeyance subject to confirmation of land drainage requirements.

RWP to be relocated at high level to avoid stair.

RWP to be rerouted at high level (1st floor or above) to RWP on Grid Line G

Area in abeyance subject to confirmation of crane base removal prior to installation of below ground drainage.

Surface water attenuation tank to provide min. 75m³ storage to be approx. (20.0m x 3.5m x 1.2m deep). To be Hewitech Variobox or similar approved.

Soffit level 44.450
Invert level 43.250

Contractor to ensure tank excavation not damaging Root Protection Areas.

Gully to discharge directly into the top of the tank

Channels to connect through 100mmØ connection to end caps

Channels to connect through 100mmØ connection to end caps

Hydro-brake to be SHE-0092-4000-1200-4000 or similar approved to limit discharge rate to 4 L/s with 1.2m head

New combined outfall chamber to be built on existing outfall pipe to allow for new connections.

Existing drain run to be surveyed by contractor prior to construction to confirm location, levels and condition.

Contractor to obtain Thames Water S1 approval for indirect connection into public sewer prior to construction.

(Levels TBC on site by contractor)

Catchpit Inlets IL: 43.855

Long radius bend to avoid capping beam and minimise excavation in RPA by omitting manhole chamber

Rainwater, land drainage and threshold drains above basement footprint to be routed into below ground surface water network by others

Land drains shown indicatively. Refer to Landscape Architect's drawings for land drainage details.

(Refer to Note 10 in drawing no. 1942-DR001)
Foul water drainage run from ground floor and above running at high level basement. IL 44.430

(Refer to Note 10 in drawing no. 1942-DR001)
Surface water drainage run from high level basement. Refer to Note 10. IL 44.430

Rising main from basement surface water pump directly to outfall at 1 L/s. Rising main route and location in abeyance TBC with MEP Engineer.

Connection from podium drainage by others.