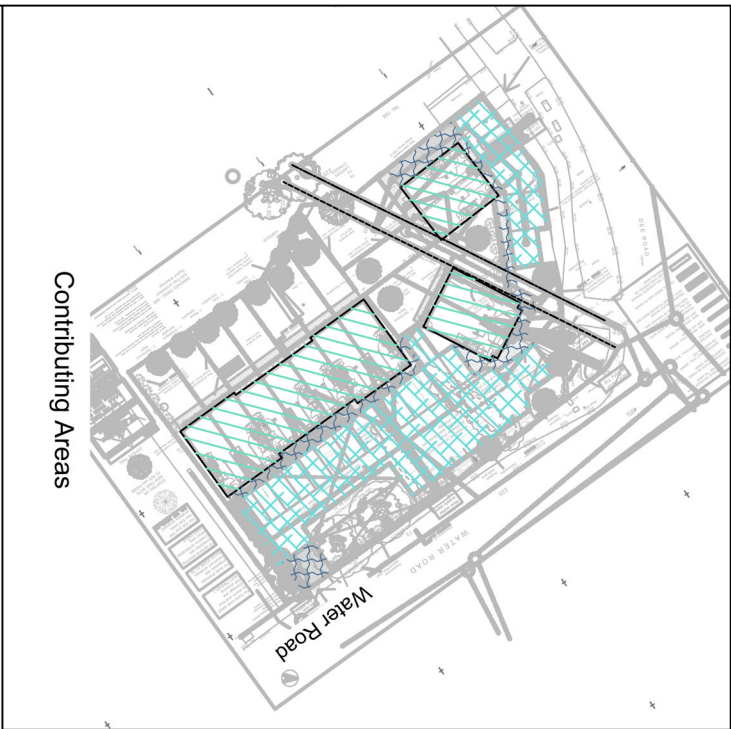




Contributing Areas

Tanked permeable paving to have minimum 0.4m depth of storage sub-base at 0.55m below surface, OGCOR or gravel with 30% voids.
Base of sub-base to have nominal fall towards discharge point at manhole chamber, outlet pipe to have flexible top hat arrangement or other as specified by manufacturer.
Permeable paving to manufacturers design following CBR results.

Drainage Strategy

- Surface water runoff will be attenuated by rainwater harvesting butts, permeable paving and an attenuation tank prior to discharging to the nearby surface water sewer.
- Permeable paving will discharge via perforated pick up drains or top hat type outlets, base of storage sub-base to fall towards pick up / discharge points, all as manufacturer design.
- Discharge rate will be controlled by a hydrabrake to 2 l/s, subject to approval.

KEY:

- Tanked permeable paving (Type C) (550m2)
- Building cover (481m2)
- Handstanding (150m2)
- Attenuation tank
- RWP • Rain water pipe
- LD — Surface water drain
- OL — Linear drain with outlet
- S3 ○ Surface water manhole with reference number
- CL 67.000 Cover level
- IL 66.300 Invert level
- RWHB Rain water harvesting butt
- Flow control at manhole
- Sub-base perforated pick-up drain
- Spot levels, assumed
- Ground level falls, assumed
- Public surface water sewer
- Public foul water sewer

