

SOAKAWAY SCHEDULE - GRANULAR FILLED TRENCH

SOAKAWAY	W.P. AREA	LENGTH	WIDTH	DEPTH	BASE LEVEL	TOP LEVEL	GROUND LEVEL
SK-1	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-2	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-3	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-4	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-5	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-6	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-7	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-8	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-9	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-10	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-11	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-12	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-13	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-14	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-15	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-16	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-17	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-18	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-19	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-20	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-21	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-22	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-23	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-24	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-25	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-26	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-27	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-28	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-29	100	5.0	2.0	2.0	124.75	124.75	124.25
SK-30	100	5.0	2.0	2.0	124.75	124.75	124.25

SOAKAWAY SCHEDULE - ROAD / DRIVE

SOAKAWAY	W.P. AREA	LENGTH	WIDTH	DEPTH	BASE LEVEL	CONCR. GROUND LEVEL
SR-1	100	5.0	2.0	2.0	124.75	124.25
SR-2	100	5.0	2.0	2.0	124.75	124.25
SR-3	100	5.0	2.0	2.0	124.75	124.25
SR-4	100	5.0	2.0	2.0	124.75	124.25
SR-5	100	5.0	2.0	2.0	124.75	124.25
SR-6	100	5.0	2.0	2.0	124.75	124.25
SR-7	100	5.0	2.0	2.0	124.75	124.25
SR-8	100	5.0	2.0	2.0	124.75	124.25
SR-9	100	5.0	2.0	2.0	124.75	124.25
SR-10	100	5.0	2.0	2.0	124.75	124.25
SR-11	100	5.0	2.0	2.0	124.75	124.25
SR-12	100	5.0	2.0	2.0	124.75	124.25
SR-13	100	5.0	2.0	2.0	124.75	124.25
SR-14	100	5.0	2.0	2.0	124.75	124.25
SR-15	100	5.0	2.0	2.0	124.75	124.25
SR-16	100	5.0	2.0	2.0	124.75	124.25
SR-17	100	5.0	2.0	2.0	124.75	124.25
SR-18	100	5.0	2.0	2.0	124.75	124.25
SR-19	100	5.0	2.0	2.0	124.75	124.25
SR-20	100	5.0	2.0	2.0	124.75	124.25
SR-21	100	5.0	2.0	2.0	124.75	124.25
SR-22	100	5.0	2.0	2.0	124.75	124.25
SR-23	100	5.0	2.0	2.0	124.75	124.25
SR-24	100	5.0	2.0	2.0	124.75	124.25
SR-25	100	5.0	2.0	2.0	124.75	124.25
SR-26	100	5.0	2.0	2.0	124.75	124.25
SR-27	100	5.0	2.0	2.0	124.75	124.25
SR-28	100	5.0	2.0	2.0	124.75	124.25
SR-29	100	5.0	2.0	2.0	124.75	124.25
SR-30	100	5.0	2.0	2.0	124.75	124.25

SOAKAWAYS HAVE BEEN DESIGNED USING AN INFILTRATION RATE OF 1.51-cm/hr (0.0044-in/hr) RECOMMENDED FROM THE AVERAGE OF TWO TESTS CARRIED OUT BY LEAP ENVIRONMENTAL (GROUNDSHOWN 4.3) DATED 18 JANUARY 2016. THE INFILTRATION RATE IS BASED ON THE RESULTS OF TWO TESTS CARRIED OUT BY LEAP ENVIRONMENTAL (GROUNDSHOWN 4.3) DATED 18 JANUARY 2016. THE INFILTRATION RATE IS BASED ON THE RESULTS OF TWO TESTS CARRIED OUT BY LEAP ENVIRONMENTAL (GROUNDSHOWN 4.3) DATED 18 JANUARY 2016. THE INFILTRATION RATE IS BASED ON THE RESULTS OF TWO TESTS CARRIED OUT BY LEAP ENVIRONMENTAL (GROUNDSHOWN 4.3) DATED 18 JANUARY 2016.

SOAKAWAYS ARE TO BE LOCATED WITHIN GREENLAND FORMATION. THE SITE INVESTIGATION REPORT BY LEAP ENVIRONMENTAL DATED 18 JANUARY 2016 DID NOT RECORD THE PRESENCE OF A LHM BED BELOW THE GREENLAND FORMATION (GROUNDSHOWN 7.2.2) BUT SAND RECOVERED FROM BELOW 3.5m WAS NOTED TO BE WEATHERED. THEREFORE, ABOVE CIRCUMSTANCES, ROAD SOAKAWAYS ARE TO BE CONSTRUCTED WITHIN GREENLAND FORMATION. THE INFILTRATION RATE IS BASED ON THE RESULTS OF TWO TESTS CARRIED OUT BY LEAP ENVIRONMENTAL (GROUNDSHOWN 4.3) DATED 18 JANUARY 2016. THE INFILTRATION RATE IS BASED ON THE RESULTS OF TWO TESTS CARRIED OUT BY LEAP ENVIRONMENTAL (GROUNDSHOWN 4.3) DATED 18 JANUARY 2016.



KEY - FENCE TYPES

- 1.50m CLOSE BOARD FENCE
- 1.50m PANEL FENCE
- SOUND BARRIER (HEIGHT Varies)
- 1.50m HIGH BRICK WALL

SURFACE WATER DRAINAGE STRATEGY

The site is underlain by Greensand Formation under superficial deposits of Head. The Greensand is suitable for infiltration drainage but the infiltration rates at the site for pool and soakaways will need to be large. There are no public surface water sewers or watercourses adjacent to the site where surface water runoff can be discharged other than by the use of soakaways and infiltration structures.

LEGEND - DRAINAGE

- SW DRAIN
- SW INVERT LEVEL
- SW PCC MANHOLE
- SW INSPECTION CHAMBER
- PCC SILT TRAP
- PLASTIC SILT TRAP
- SW RODDING EYE
- SW RODDING EYE
- DC DRAINAGE CHANNEL
- GRANULAR FILLED SOAKAWAY
- GRANULAR FILLED SOAKAWAY WITH CELLULAR STORAGE
- RINGS AND PIT SOAKAWAY

Client	
Project	
Scale	
Number	
Drawn	MJH
Date	
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