

driveway entry  
RL 641.00

overland flow  
RL 640.85

450 x 450 pit with type 'B' galvanized grate & frame, pit to be located outside of filter material

RL 640.70

inlet pipe

filter basket wrapped in geotextile fabric so accumulated sediment can be removed

drainage holes drilled in base of the pit

surcharge onto bio retention

Transition Layer coarse clear sand

300mm DEEP OF GRADED FILTER SANDS, 0.45mm PARTICLES, 100 mm/hr SATURATED HYDRAULIC CONDUCTIVITY

TRASH SCREEN (see detail)

RL 640.70

300

50

150

MIN. 100mm LAYER OF 10mm AGGREGATE WRAPPED IN A14 GEOTEXTILE FABRIC

1000 PERFORATED AG PIPE WRAPPED IN GEOTECH FABRIC DRAINING TO PIT

Drainage Layer 5-10mm gravel

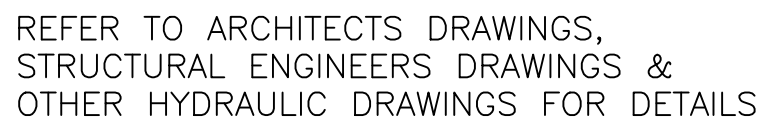
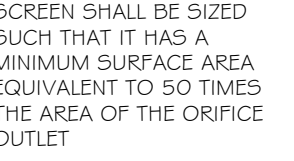
600x600 discharge control pit with type 'B' grate & frame  
RL 641.15

900 RELIEF DRAIN WITH GRAVEL SURROUND  
IL 640.20

PLATE WITH 1200 MACHINED ORIFICE, PLATE TO BE EPOXIED & SECURED IN PIT WITH 4x10mm STAINLESS STEEL DYNALOK BOLTS OR SIMILAR

SECTION A-A THROUGH RAINGARDEN / DETENTION BASIN

Not to Scale



ALL DRAWINGS ARE DIAGRAMMATIC ONLY

[illegible]