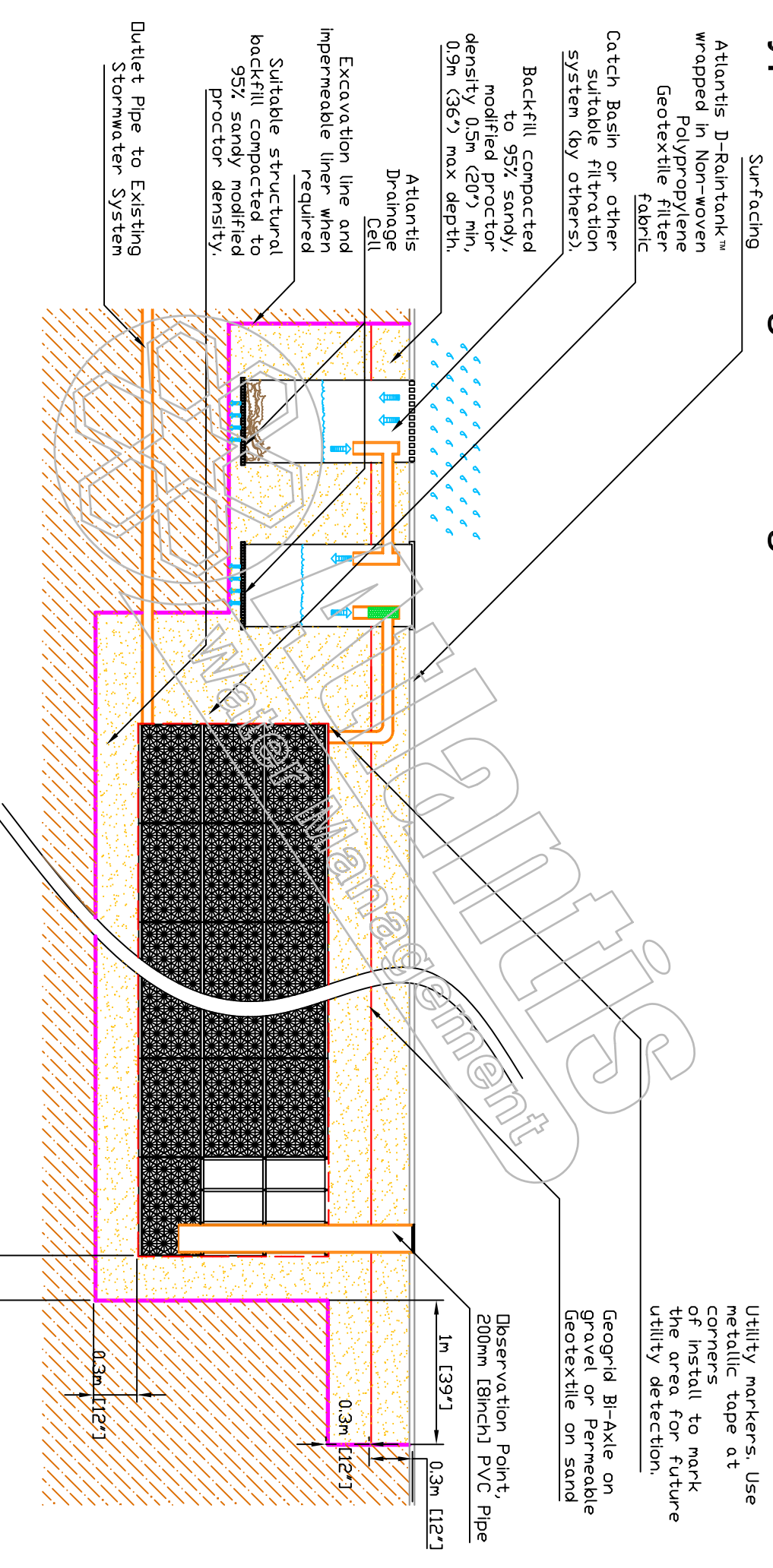


Atlantis Matrix™ D-Raintank

Typical Parking Lot Design with Observation Point



"Water Management for Life"



Surfacing

Atlantis D-Raintank™ wrapped in Non-woven Polypropylene Geotextile filter fabric

Catch Basin or other suitable filtration system (by others).

Backfill compacted to 95% sandy, modified proctor density 0.5m (20") min, 0.9m (36") max depth.

Atlantis Drainage Cell

Excavation liner and impermeable liner when required

Suitable structural backfill compacted to 95% sandy modified proctor density.

Outlet Pipe to Existing Stormwater System

Utility markers. Use metallic tape at corners of install to mark the area for future utility detection.

Geogrid BI-Axle on gravel or permeable geotextile on sand

Observation Point, 200mm [8inch] PVC Pipe

1m [39"]

0.3m [12"]

0.3m [12"]

0.3m [12"] minimum to allow space for proper compaction.

Depth of Atlantis D-Raintank to be decided by Engineer. Tank Depths Available with Atlantis D-Raintank:

- Single Tank Height = 0.45m [17.72"]
- Double Tank Height = 0.88m [34.65"]
- Triple Tank Height = 1.31m [51.57"]
- Quadruple Tank Height = 1.74m [68.50"]
- Penta Tank Height = 2.17m [85.43"]

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