



Blackmore Sands

***Premier supplier of Hydrocarbon Management
products and services***





Blackmore Sands

Who are we?

Capability:

- C.I. Agent Solutions is a global leader in manufacturing and developing environmental solutions.
- C.I. Agent serves the hydrocarbon environmental protection and remediation market.
- Product meets all the regulations and once the hydrocarbons have been encapsulated within the polymers, they can be disposed of in landfill or via general waste management practices.
- Proven to provide successful and cost effective solutions for hydrocarbon management.

Capacity:

- A provider of spill prevention & emergency management products.
- Expanding export opportunities to Middle East.



Blackmore Sands

So What is C.I. Agent?

- Propriety blend of Non-hazardous, non-carcinogenic, non-corrosive food grade polymers.
- Encapsulates all forms of hydrocarbons (fuels, oils, solvents) into cohesive rubber like mass on contact. Will not leach following solidification.
- Suppresses vapors up to 85%
- In most cases, waste will meet General and Non Hazardous waste classification having met TCLP, Paint Filter and LD 50 Tests.



Blackmore Sands

Our value and competitiveness:

- C I Agent has a patent technology on our products and owns the patent outright.
- C I Agent has also trademarked our C I Agent name and logos.
- Our Polymers and there use in different configurations have been and continue to be independently tested, in many cases by the customers.
These include:
 - TCLP, LD50, Flow and Shut Off, Fire (Bluestone), Vapour Suppression, Effects on Marine, Plant and Birdlife.



Blackmore Sands

Testing and validation:

- ▶ Tested 99.98% hydrocarbon removal rate
- ▶ Designed to meet AS1940 and AS2067.
- ▶ Meets IEEE Std. 980
- ▶ Meets U.S EPA SPCC 40 CFR 112.7
- ▶ Tested to ASTM D3786 & ASTM D5034 (Geotextiles)



Blackmore Sands

Our value and competitiveness:

- C I Agent Polymer Bund Systems offer on average 80% or more in cost savings over conventional concrete systems.
- Removing or improving existing Hydrocarbon/Stormwater treatment systems.
- Greenfield installs have meant less space/ land required.
- Removes/Reduces additional maintenance costs associated with OWS, interceptor pits, concrete bund manual draining, concrete cracking and fire risks in open bunds.
- Installed quickly (typical bund 1-2 days) dramatically reducing transformer disruptions.
- Proven alternative and rapidly growing.



Blackmore Sands

As we cover all industries using Hydrocarbons, our key product areas are:

- ➡ Bunding Solutions
- ➡ Filter and Stormwater Solutions
- ➡ Spill Prevention and Control Solutions.





Blackmore Sands

Markets:

- C I Agent serves the hydrocarbon environmental protection and remediation market:
 - Power Industry
 - Oil & Gas Industry
 - Water Industry
 - Emergency Services
 - Environmental Authorities
 - Mechanical Workshops
 - Airports
 - Maritime
 - Defence



Blackmore Sands

Applications:

- Filtration, spill containment & preventative containment:
 - Electrical substation secondary containment
 - Bulk storage tank facilities
 - Dewatering
 - Ports and mariners
 - Oil-water separator discharge post treatment
 - Portable bunding (On site)
 - Spill response

Substation Projects



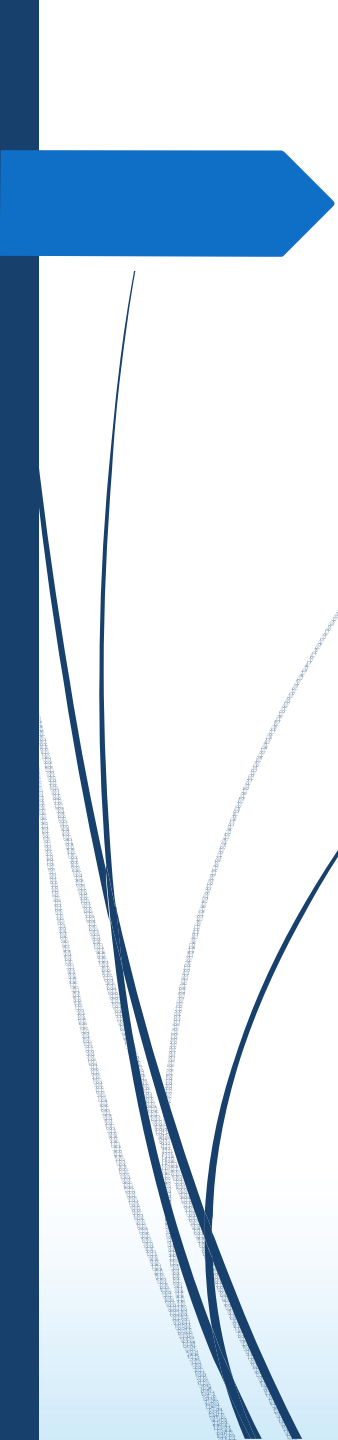




Transformer Bunding





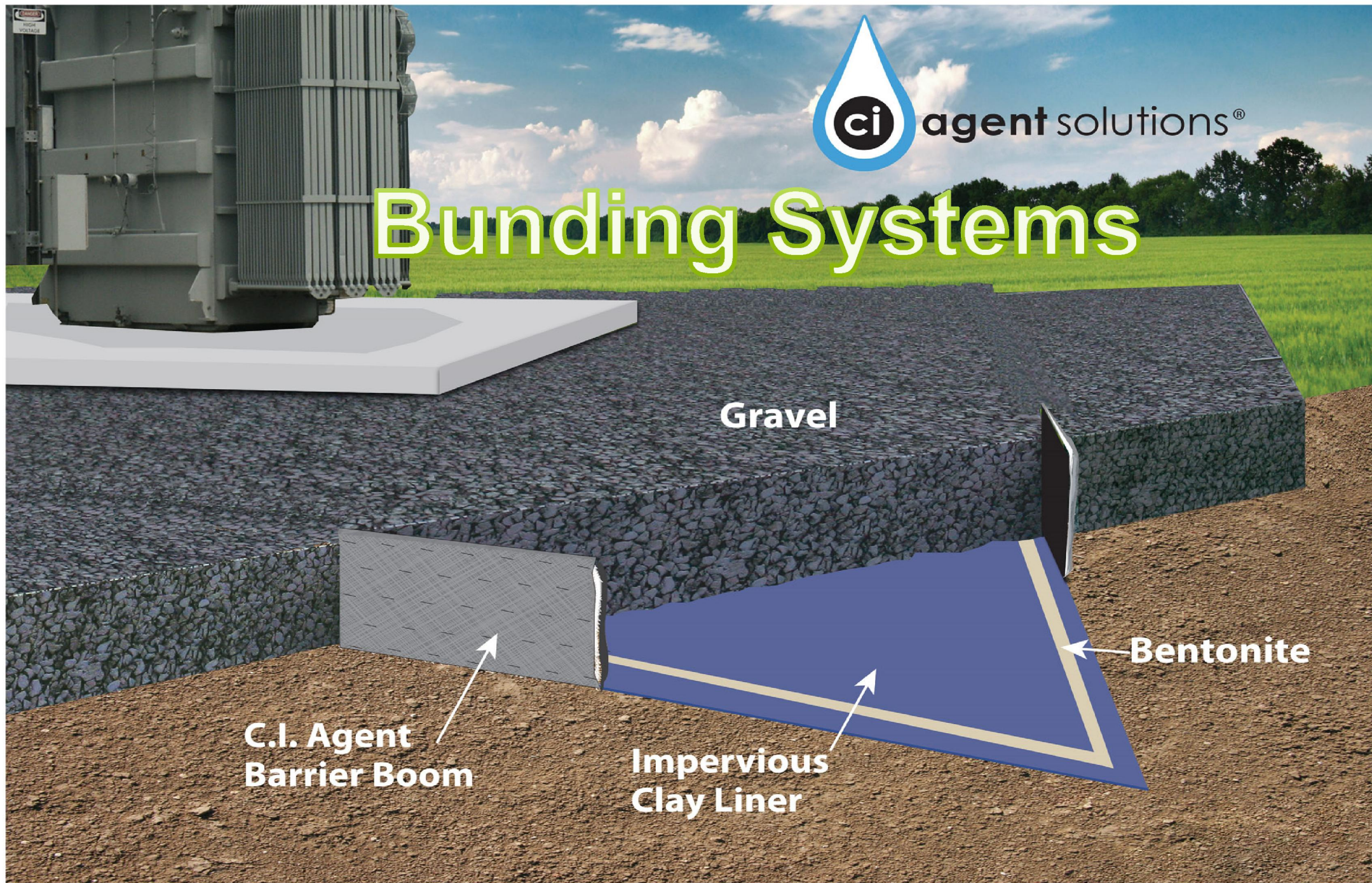




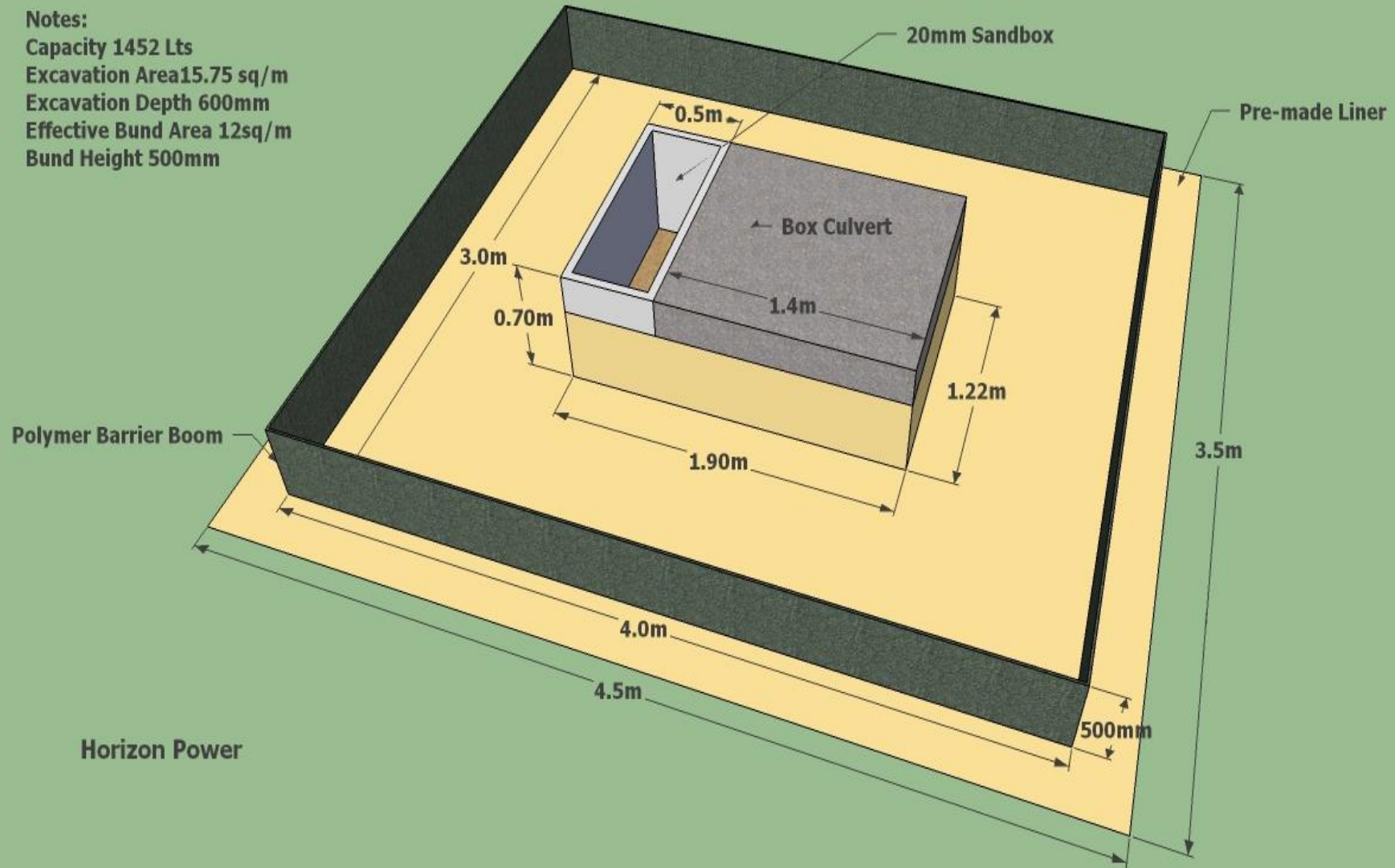




Bundling Systems



Notes:
Capacity 1452 Lts
Excavation Area 15.75 sq/m
Excavation Depth 600mm
Effective Bund Area 12sq/m
Bund Height 500mm





Blackmore Sands

High Flow Filters



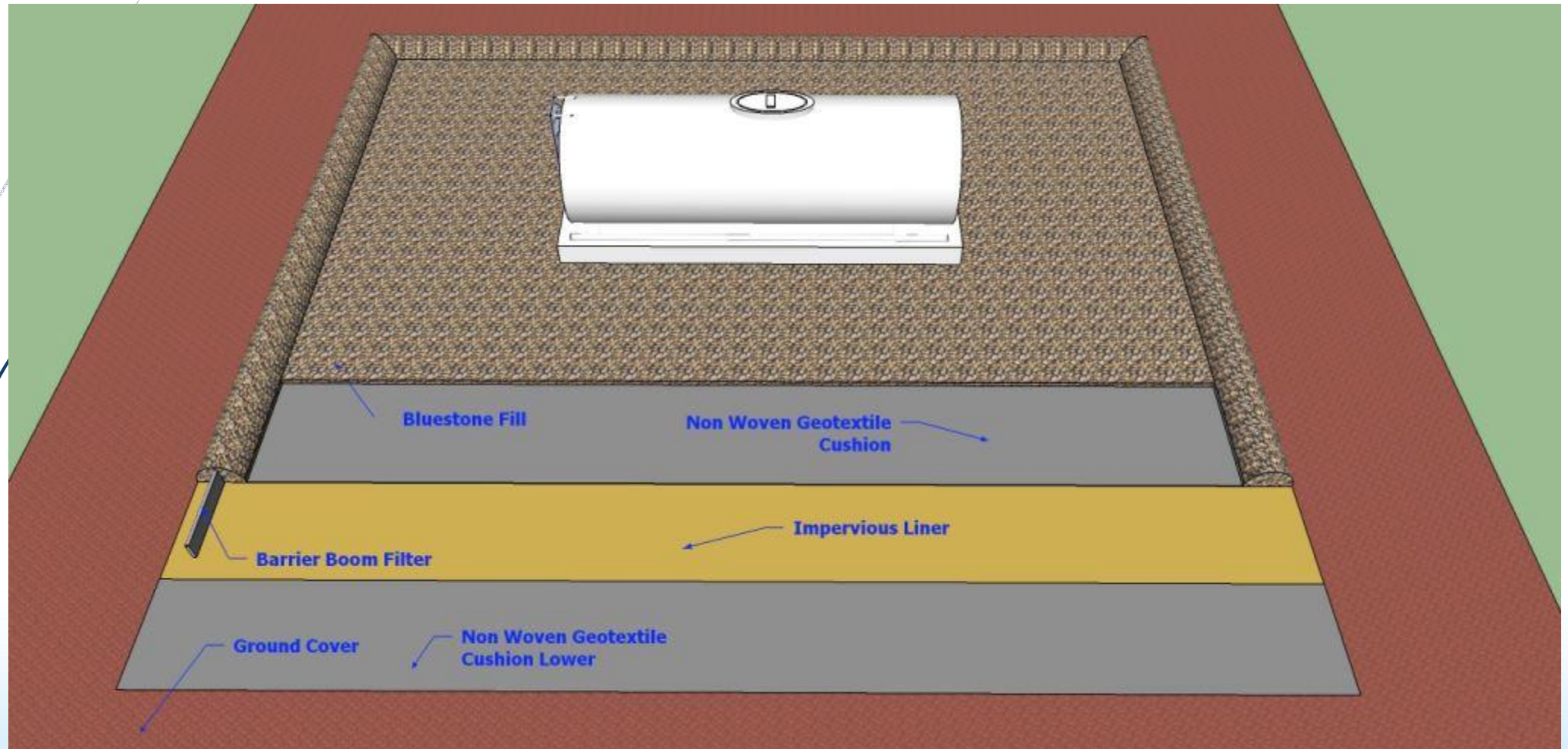






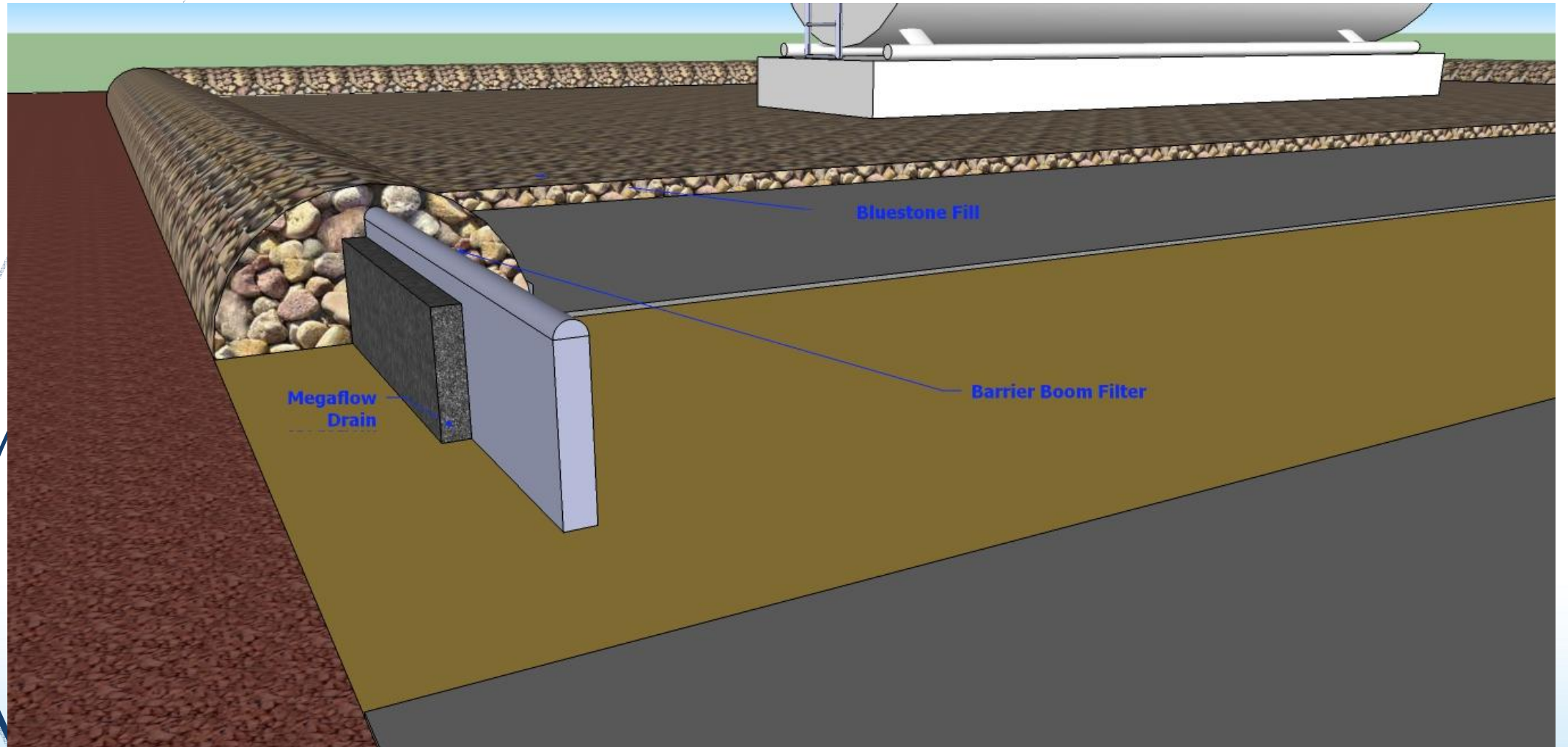


Blackmore Sands

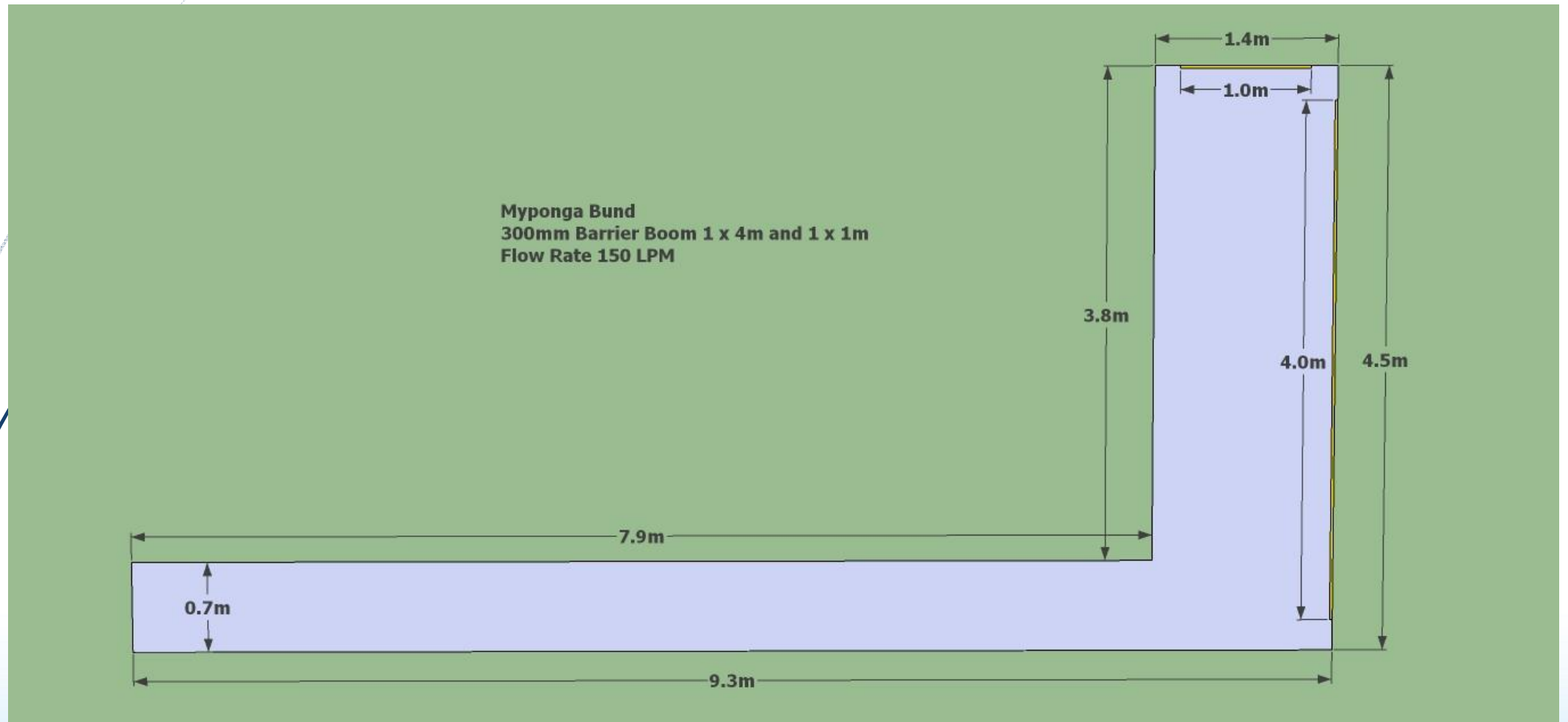




Blackmore Sands



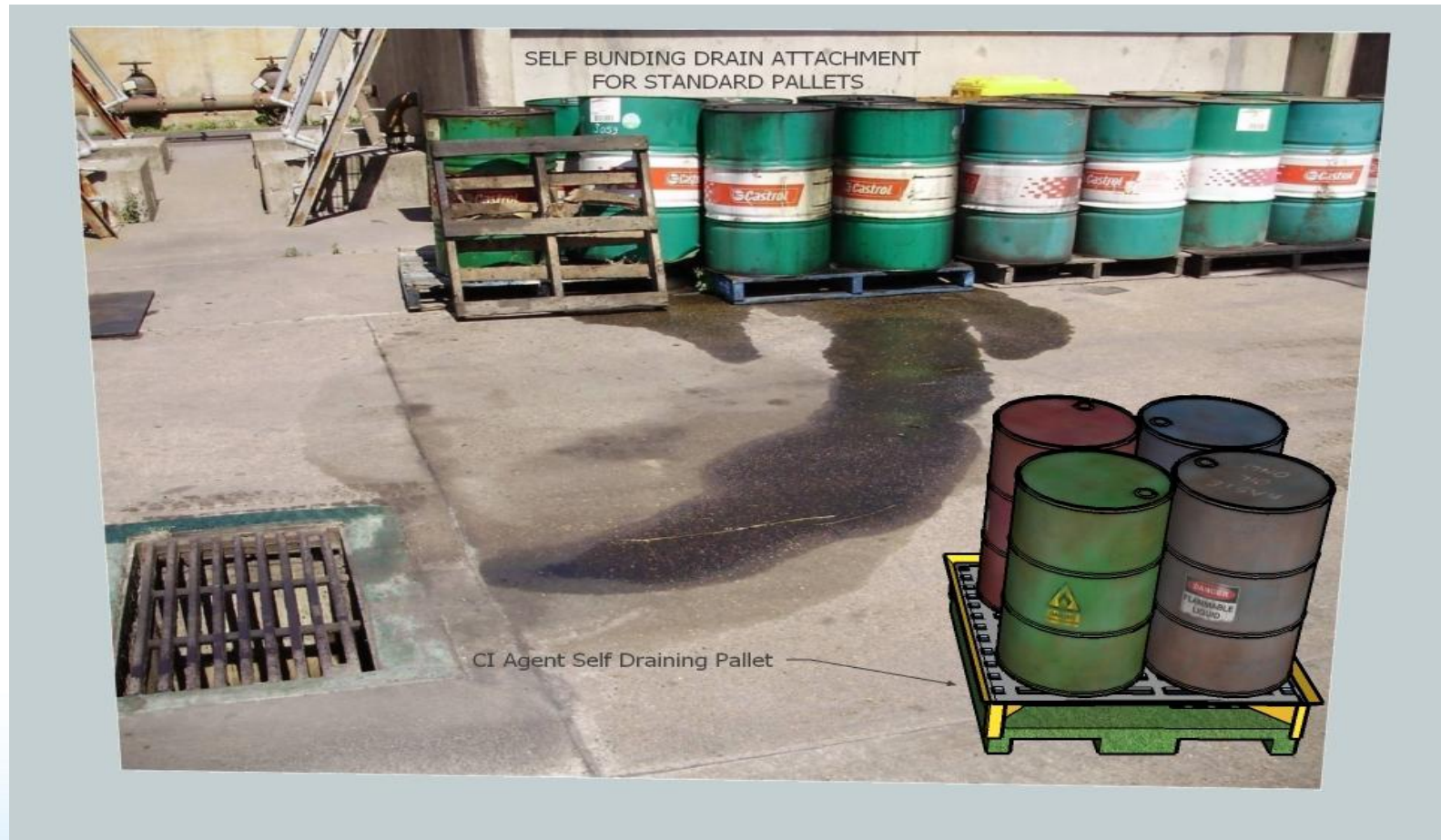
Designed into many different shapes



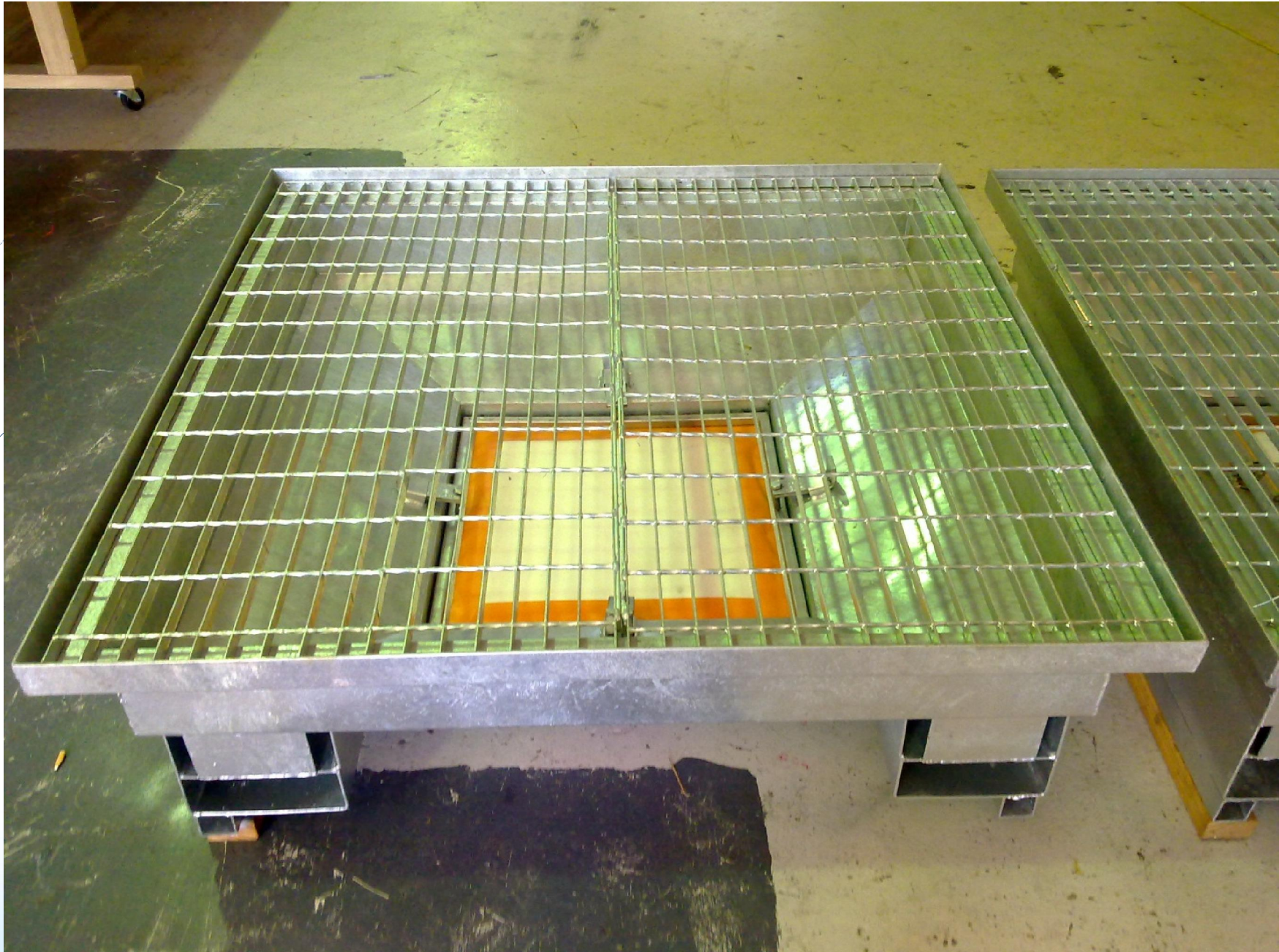
Sheen Boom Containment

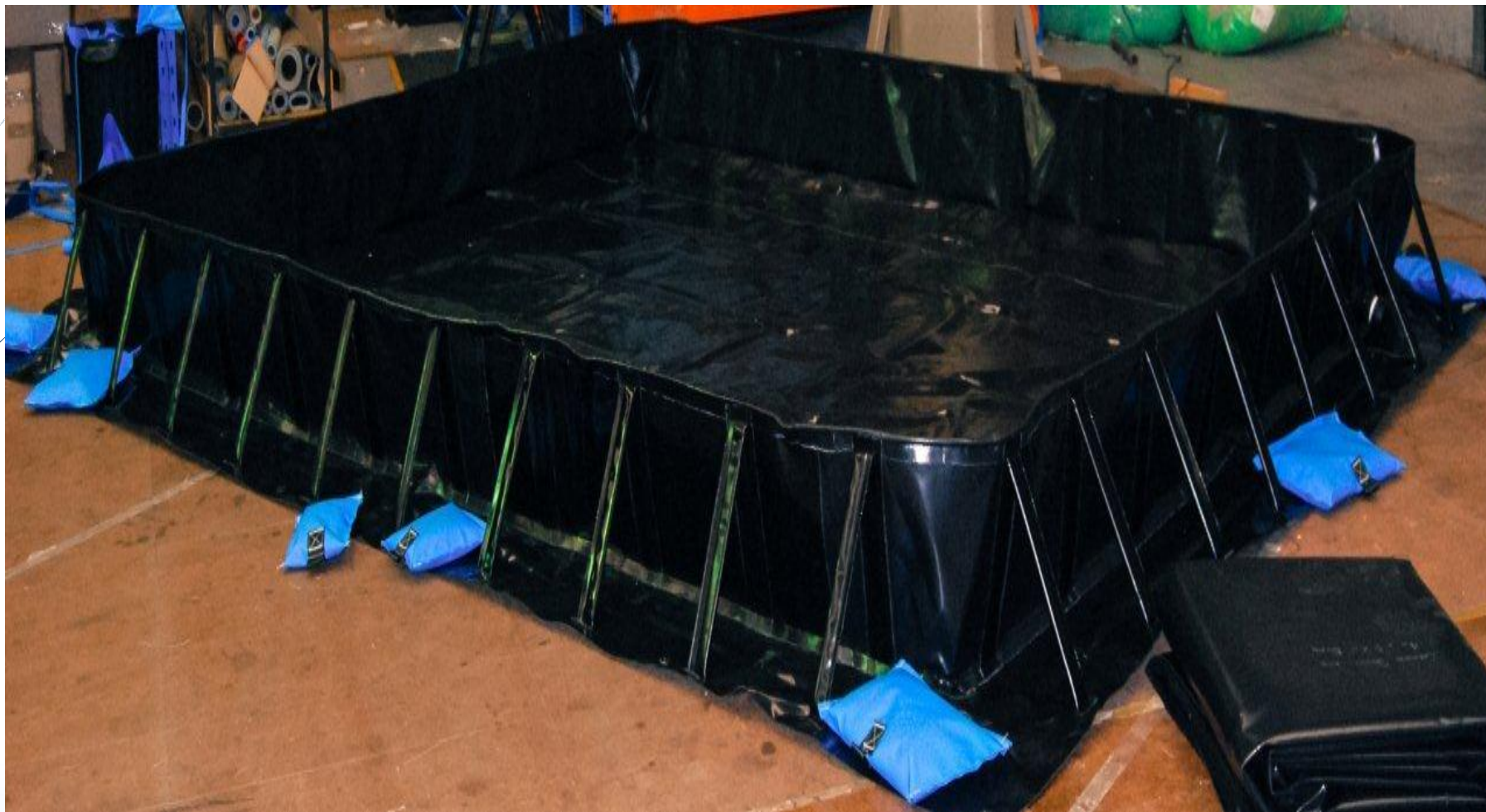


Self draining portable bunds











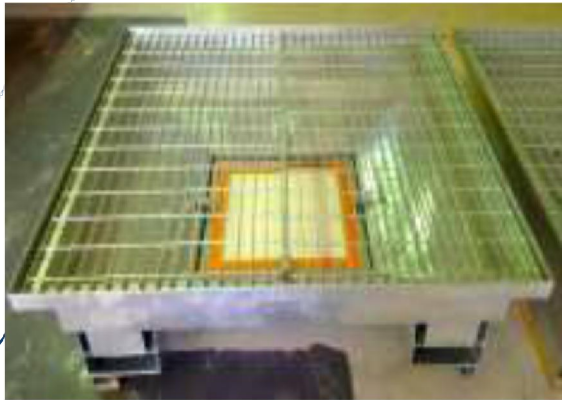


Blackmore Sands





Blackmore Sands



C.I.Agent®

EVAC Filtration System

An Evacuation Filter System
for Bunds, Manholes,
Structures, Bilges, Tanks and
more



***The EVAC Filtration System filters
suspended solids as fine as rust and
hydrocarbons***



Blackmore Sands

Strategy:

➤ Strategy options for growth include:

- 1) market development (explore new markets)
- 2) market penetration (sell more)
- 3) product development (new opportunities)
- 4) diversification (new opportunities to new markets)



Blackmore Sands

C I Agent Solutions® Secondary Containment products are backed by a Product and Pollution Insurance Policy.

“No other company offers this protection”.

The image shows a detailed ACORD Certificate of Liability Insurance form. The form is titled "ACORD - CERTIFICATE OF LIABILITY INSURANCE". It includes sections for "INSURED", "COVERAGE", "POLICY PERIOD", "POLICY NUMBER", "POLICY TYPE", "POLICY RATES", "POLICY CONDITIONS", "POLICY EXCLUSIONS", "POLICY LIMITS", "POLICY DEDUCTIBLES", "POLICY COINSURANCE", "POLICY CONTRIBUTION", "POLICY ASSIGNMENT", "POLICY ENDORSEMENTS", "POLICY CANCELLATION", "POLICY RENEWAL", "POLICY RATES", "POLICY CONDITIONS", "POLICY EXCLUSIONS", "POLICY LIMITS", "POLICY DEDUCTIBLES", "POLICY COINSURANCE", "POLICY CONTRIBUTION", "POLICY ASSIGNMENT", "POLICY ENDORSEMENTS", "POLICY CANCELLATION", "POLICY RENEWAL". The form is filled out with specific information for Blackmore Sands, including the insured's name, address, and policy details.





Blackmore Sands

Contact Us

Innovative Total Solutions Australia



Daniel Mitroussidis - Managing Director

Email: dan@itsa.net.au

Mobile: + 61 412 088 725

Website: www.itsa.net.au