

- NOTES
1. OIL, GREASE AND SAND TRAP CHAMBERS MANUFACTURED BY CALCAMITE FROM LLD POLYETHYLENE.
  2. SAMPLING CHAMBER MANUFACTURED BY CALCAMITE FROM LLD POLYETHYLENE.
  3. ALL BENDS AND JUNCTIONS IN TANKS TO BE 110Ø uPVC TO SABS 967.
  4. LONG TAIL BENDS TO BE USED AS SHOWN.
  5. 560Ø COVERS TO BE CONCRETE FILLED. (HEAVY DUTY CAST IRON COVERS REQUIRED IF SUBJECT TO HEAVY TRAFFIC.)
  6. A COST SAVING MAY BE REALISED BY LOCATING THE SAMPLING CHAMBER IN A NON-VEHICULAR AREA.
  7. INSTALLATION OF THE CHAMBERS MUST BE CARRIED OUT INTER ALIA IN ACCORDANCE WITH THE INSTRUCTION PAMPHLET "CALCAMITE OIL, GREASE & SAND TRAP (PETROL/OIL INTERCEPTOR) INSTALLATION INSTRUCTIONS Ref gpl/September 1988" AND IT'S REVISIONS.
  8. WORK NOT TO COMMENCE WITHOUT THE APPROVAL OF THE BUILDING INSPECTOR.
  9. ALL COMPARTMENTS TO BE FILLED WITH WATER BEFORE TRAP IS PLACED IN SERVICE.

General Notes

Excavate a hole in line with the proposed sewer pipe. The size should be approximately 300mm wider than the size of the Bio-Mite Plant and to a depth that allows for the above gradient to be attained.

Once the hole has been dug, remove any sharp objects and begin to back fill with first layering a 100mm thick layer of compacted soil/crete on the floor of the hole, (Modular tanks require cement slab and should be installed according to installation instructions 1ST JULY 2008.

Lower the unit into the hole.

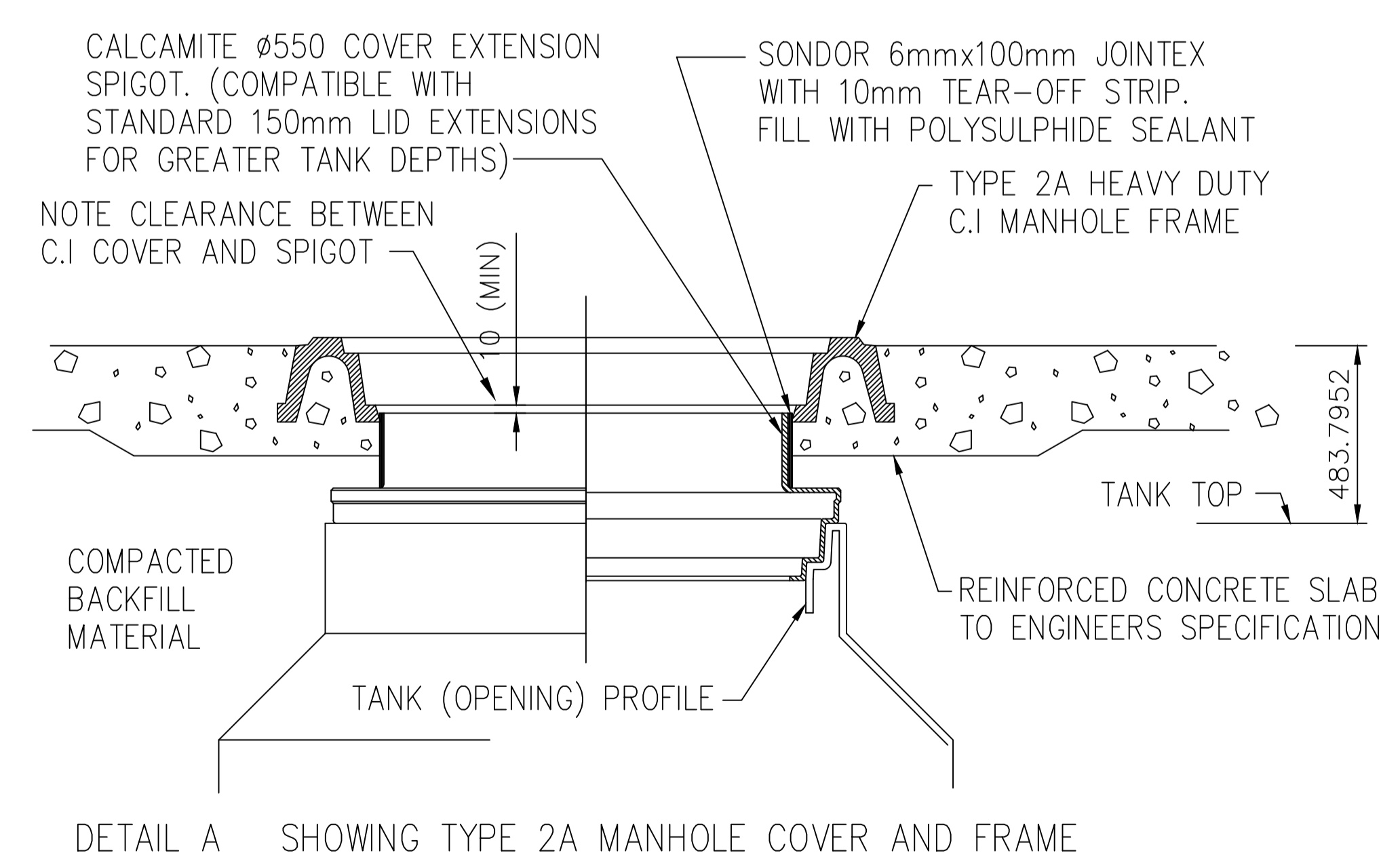
Connect the incoming pipe to the inlet of the Bio-Mite unit and the outlet from the pump to the dispersion pipe (note: 22mm diameter minimum).

Fill all the tanks one quarter full with water. Once the water has reached this level backfill and compact with an inert granular material (e.g. river sand) that has been mixed with cement in that ratio of ten parts sand one part cement until the level of the water has been matched.

**Never backfill with clay soil or with sand that has stones larger than 20mm**

Once the outlet level is reached you can stop filling with water and can now fill to ground level with backfill. Should high ground water, clay soil or other abnormal conditions exist the tanks will require cement stabilization and should be referred to an engineer for approval.

Cast a slab of concrete 1m x 1m (50mm thick) per blower housing. The location of the housing should be adjacent to the Bio-Mite and preferably not further than 5 meters. An electrical point must be provided to allow connecting the pump and blower. Connect air blower to the diffuser pipe (housed inside the Bio-Reactor module) using 20mm pipe and push lock fitting provided. There should be no sharp bends or kinks causing airflow restriction. Plug the blower and submersible pump into the connection (provided by client). The plant is now ready for use.



No.	Revision/Issue	Date

Firm Name and Address



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Project Name and Address

CALCAMITE  
CAL- POI/SOG 30001  
BELOW GROUND

Project CAL SOG30001	Sheet CAL
Date 13.09.2019	
Scale As Noted	