

Note: Tank to be filled with water at same rate as pouring concrete to avoid floatation.

- 1. Excavate to reduced level ensuring sides are safe.
- 2. Lay and compact thickness of 150mm type 1 stone. 3. Cast 250mm RC28/35 concrete slab with anchor points to
- take strapping. 4. Once slab has cured, Lower tank, attach straps and
- secure. connect drains to tank.
- Backfill with Concrete whilst ensuring tank does not deflect.
- Construct Manhole above access.
- 7. Fill excavation with on site material ensuring compaction to department of transport specification.

Galvanised Anchor Rod to be placed in line with the ribs of the tank. an— allowance of +/- 25mm is acceptable.
250
Galvanised Anchor Point (Provided by manufacturers Spec as part of the anchoring kit)

Scale 1:10

Specification Clause	Туре	Suggested Manufacture	Length (L)	Diameter (D)	Comment	
N/A	Oil and Petrol seperator	Kingspan Full Retention NSF Separator Model: NSFA080	5.744m (Nominal)	2.820m (Nominal)	D400 Cover	

- DO NOT SCALE -

Notes

- For clauses refer to Sewers for Adoption 7th Edition.
- The developer should take all neccesary precautions to avoid causing any damage to, or interference with flow in existing sewers and shall ensure that debris, silt, mud etc. do not enter the sewer.
- Where works are to be carried out on sewers. the contractor must carry out their works in accordance with "The classification and management of confined spaces" published by Water UK. they must also comply with all other relevant health and safety legislation/ documentation.
- All materials are to be stored in such a manner as to preserve their quality as to the standard specified in the specification.
- All concrete to be produced on site must be mixed with only potable water, to ensure that it is clean from dirt and contaminants.
- 6. Aggregates for concretes shall comply with the relevant provisions of BS EN 12620 and PD
- Sands for mortar and grouts shall be washed sand, complying with BS EN 13139 and PD 6682-3. All other sands are to comply with BS EN 12620 and PD 6682-1 or BS EN 13139
- Pulverised-fuel ash (PFA) for use as a component material in ementitious grout our non structural concrete shall comply with BS 3892-2 & 3.
- 9. Virtified clay pipes and fittings for sewers shall have flexible mechanical joints. Pipes for foul sewers and surface water sewers shall comply with the relevant requirements of BS EN295 and BS65 (Surface water pipes only).
- 10. Pre-cast concrete manhole units of circular cross section for manholes, chambers and wet wells shall comply with the relevant provisions of BS EN 1917 and BS 5911-3.
- 11. Ladders for manholes in a vertical plane are to be mild steel and comply with BS4211,
- 12. GRP ladders shall be manufactured in accordance with BS EN 131, and from glass-reinforced polyester using an appropriate resin for the ladder location. Unidirection reinforcement shall be provided in the GRP matrix to maximise strength.
- 13. Manhole covers and frames shall comply with the relevant provisions of BS EN 124, BS 7903 and Highways Agency guidance document HA 104/02. They shall be of a non-rocking
- 14. Clay bricks to be used within manholes are to be solid, Class B Engineering bricks complying to BS 3921.
- 15. All bricks shall be frost resistant category F.

design which do not rely on the use of cushion inserts.

Class A and PD 970.

- 16. Standard concrete mixes should be in accordance with BS EN 206-1 and BS 8500 and shall be used with a 20mm nominal maximum size of aggregate and a slump class of S2 for a
- 17. GEN1 concrete to be used for; fillings, blindings, soft spots and drainage slumps. GEN3 concrete to be used for; all other applications. U.N.O.
- 18. Admixtures (including calcium chloride and pigments) shall not be used in the production of
- 19. High strength concrete topping shall be produced, laid and finished in accordance with the relevant provisions of BS 8204: part 2 and the following approximate mix proportions shall be used: 1part cement, 1part natural sand and 2parts single-sized coarse aggregate.
- 20. All mortar mixes shall be in accordance with BS 5628-1:2005.
- 21. All pipes to be either extra strength VC to BS 65 or PVC to BS 4660 or BS 5481 "UPONOR ULTRARIB" or concrete pipes to strength class 120.

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AMENDMENT	BY	REV	СНК	DATE

Rev P = Preliminary T = Tender C = Construction LCI = Last Construction Issue

In instances where this drawing completes or partly completes a contract, Billinghurst George & Partners will consider that it's product has been validated, unless in a period not exceeding 90 working days, the client advises to the contrary.



Billinghurst George & Partners

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Copeland Borough Council

Project	Project No.
Cleator Moor Innovation Quarter - BOC Yard	21T2034
Drawing Title	

Petrol Interceptor Details							
rawn	Date	Checked	Date	Size	Scale	Class.	Rev.
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