



Notes:

1. Type I-16 mm spacing, Oil interceptor manufactured for AASHTO HS20 live loading as shown.
2. Unit dimensions are 1.42 x 0.67 x 1.1 m.
3. Reinforced concrete lid manufactured for AASHTO HS20 live loading.
4. Unit c/w Ø254 mm knockout cores for inlet/outlet flow as shown.
5. Unit risers available in heights: 200, 300, 450 etc. to 1050 mm maximum.
6. Unit c/w Ø635 mm opening for access as shown.
7. Unit to have 4-Ø51 mm vent holes as shown.
8. Oil interceptor c/w 12 gauge galvanized baffles as shown.
9. PVC required by design, installed by others in field.
10. Design can be modified for specific sites, please contact LCG sales office.
11. Unit design to:
  - Temp: 0°C.
  - Oil S.G.: 0.85.
  - Influent oil = 100 mg/l.
  - Effluent oil <= 15 mg/l.
  - Max. flow rate: 3.2 liters/sec.
12. Unit c/w 16 mm coalescing media as shown.
13. Unit has a maximum 595 liter [0.595 m<sup>3</sup>] capacity.
14. Unit c/w 5T lifting inserts as shown.
15. Unit c/w ladder rungs as required.
16. Approximate mass:
  - Lid: 625 kg.
  - Chamber: 1,600 kg.
17. Minimum rebar yield strength: 414 MPa.
18. Minimum concrete strength: 35 MPa.
19. All dimensions are in millimeters.



The LANGLEY CONCRETE Group of Companies

DESCRIPTION:

TYPE I Coalescing Plate Oil Interceptor  
16 mm Spacing

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DRAWN BY:	KS	ORIGIN:	CHWK
CHK BY:	JAO/JDB/SW	DWG NO:	TYPE I-COL-16
DATE:	DEC/03/2009	REV DATE:	5. NOV/01/2010
SCALE:	1:20		

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