

**PETROLEUM SERVICES**

**Pipework Details - Pressure System**

Pressure class	15 Bar (Full)
Material	2.25 Cr 1 Mo 1 V
Temp class	350°C
Design code	EN 13480-3
Design stress	138 N/mm <sup>2</sup>
Design factor	1.0
Design life	30 years

- ULTIMATE DIESEL
- ULTIMATE UNLEADED
- DIESEL
- UNLEADED
- OFFSET FILL LINE
- STAGE 1 VAPOUR RECOVERY
- STAGE 2 VAPOUR RECOVERY

**TANK TO PUMP SCHEDULE**

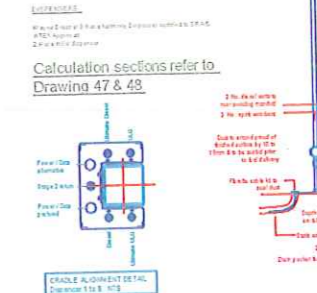
Tank No.	Capacity (m <sup>3</sup> )	Volume (m <sup>3</sup> )	Flow Rate (m <sup>3</sup> /hr)	Flow Rate (m <sup>3</sup> /min)	Flow Rate (m <sup>3</sup> /sec)
1	1000	1000	1000	16.67	0.278
2	1000	1000	1000	16.67	0.278
3	1000	1000	1000	16.67	0.278
4	1000	1000	1000	16.67	0.278
5	1000	1000	1000	16.67	0.278

**Flow Schedule**

Flow No.	Flow Rate (m <sup>3</sup> /hr)	Flow Rate (m <sup>3</sup> /min)	Flow Rate (m <sup>3</sup> /sec)
1	1000	16.67	0.278
2	1000	16.67	0.278
3	1000	16.67	0.278
4	1000	16.67	0.278
5	1000	16.67	0.278

**ALL INSTALLATION WORKS AND EQUIPMENT TO BE AS PER STANDARD DRAWINGS**

Notes to be read in conjunction with the relevant drawings and specifications. All work to be carried out in accordance with the relevant standards and specifications. All materials to be of the highest quality and to be supplied by the manufacturer named. All work to be carried out in accordance with the relevant standards and specifications. All work to be carried out in accordance with the relevant standards and specifications.



**REVISIONS**

No.	Date	Description
1	08.09.05	Original file positioned mirrored
2	09.09.05	Treatment plant moved / retaining wall revised to suit
3	22.08.05	Under slab Venting system and route added
4	05.05.05	Shop Moved / tank form moved / offset fill position moved / vent moved
5	28.05.05	Retaining wall moved - plans added to refuse area
6	30.03.05	Technical Scheme
7	04.01.05	Sections for vents revised
8	06.12.04	Layout Revised, some Building Re-positioned / levels revised
9	03.11.04	Items added to comply with DPA, Risked status added adjacent to DPO
10	21.10.04	Offset file moved - as requested by Planning case officer
11	05.08.04	Revised and Approved by J Hill
REV	Date	Revised

**REVISION APPROVAL**

OWNER	NAME & SIGNATURE	DATE
RETAIL A & D MGR		



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**SHORTCROSS CONNECT**  
STOURBRIDGE ROAD  
HALESOWEN, WEST MIDLANDS  
B63 3UA

**PETROLEUM SERVICES**

Drawn: EVJ/gjh  
Date: 07.05.2004  
Design Approved: MAM/RAJ  
Date: 10.02.04

DRAWING No	REV
10220-40	M
CAD REF: ADCOCK ASSOCIATES - 03131	Checked: Date:

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**SHORTCROSS CONNECT**

P. 1-4