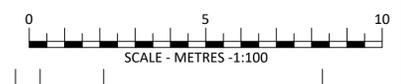


DRAWING NOTES
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PIPEWORK LEGEND	
	UNLEADED LINE
	PREMIUM UNLEADED LINE
	DIESEL LINE
	PREMIUM DIESEL LINE
	TANK VENT LINE
	OFFSET FILL LINE
	STAGE 1B VR LINE
	STAGE 2 VR LINE

ALL EXISTING FUEL LINES TAKEN FROM UTILITY SURVEY "GEOTECHNICAL ENGINEERING LTD. DRG NO. 37147" DATED JUNE 2022

THIS DRAWING IS BASED ON GEOTECHNICAL ENGINEERING LTD. DRG. NO. 37147. DATED JUNE 2022



REV	DATE	DESCRIPTION	DRAWN/CHECKED
REVISION NOTES			

RECORD



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PROJECT
 FS013, EAST GRINSTEAD
 147-149 LONDON ROAD,
 EAST GRINSTEAD, WEST SUSSEX,
 RH19 1ET

DRAWING TITLE
 FUELS PLAN

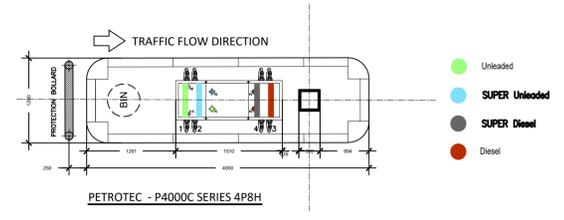
DRAWN BY DT	DATE 27.08.2024	SCALE 1:100	PAPER SIZE A1
CHECKED BY JR	DRAWING NUMBER 13775-504	REV.	

- SCOPE OF FUEL WORKS MAIN ITEMS**
- 3 x PETROTEC P4000C (4 GRADE 8 HOSE) PUMPS WITH CRADLES
 - 2 x 60,000L DW STEEL TANKS to BS EN 12285
 - EXISTING BELOW GROUND TANKS REMOVED
 - INSTALL NEW 4 NOS. RISBRIDGER TANK LIDS, BERRYS ATLAS TANK CHAMBERS + FIBELITE D400 COVERS.
 - ALL NEW KPS FUEL PIPEWORK (FORECOURT IN RIGID)
 - INSTALL DISCRIMINATING SENSORS WITHIN TANK MANHOLE CHAMBERS.
 - INSTALL NEW TANK GAUGE MONITORING SYSTEM - VEEDER ROOT TLS450PLUS
 - INSTALL TANK OVERFILL PREVENTION & ALARM AND LINK TO TLS450PLUS
 - NEW BERRY'S FILLMASTER
 - NEW BERRY'S VENTMASTER
 - INSTALL SGB (ORANGE COUNTY) INTERSTITIAL MONITORING SYSTEM
 - INSTALL NEW DUD SYSTEM

SUCTION SYSTEM PIPEWORK SPECIFICATION		
TYPE	Ø	RIGID / CONTINUOUS
FILL LINES TO SPIRIT DISPENSERS	63/75mm Ø DOUBLE SKINNED POLYETHYLENE	RIGID
FILL LINES TO HGV DISPENSERS	63/75mm Ø DOUBLE SKINNED POLYETHYLENE	RIGID
VENT LINES	63mm Ø SINGLE SKINNED POLYETHYLENE	RIGID
OFFSET FILL LINES	125/110mm Ø DOUBLE SKINNED POLYETHYLENE	RIGID
STAGE 1 VAPOUR RECOVERY LINES	63/90mm Ø SINGLE SKINNED POLYETHYLENE	RIGID
STAGE 2 VAPOUR RECOVERY LINES	63/90mm Ø SINGLE SKINNED POLYETHYLENE	RIGID

PROPOSED TANK TO PUMP SCHEDULE					
TANK NO	CAPACITY (l) NOMINAL	CAPACITY (l) ACTUAL	CAPACITY (l) WORKING 95% OF ACTUAL	GRADE	PUMPS
					1 2 3 4 5 6
1	48,000	48,000	45,600	UL	○ ○ ○
2	12,000	12,000	11,400	U/DI	○ ○ ○
3	48,000	48,000	45,600	DIESEL	○ ○ ○
4	12,000	12,000	11,400	U/DIESEL	○ ○ ○

STAGE 2 RETURN TO TANK 1



- LICENSING NOTES**
- PETROL NOZZLES ON ALL PUMPS TO DISPENSE AT 40 L PER MIN
 - MAXIMUM DISPENSING LIMIT FOR ALL PETROL NOZZLES 100L
 - MAXIMUM DISPENSING LIMIT FOR ALL DIESEL NOZZLES TO BE 100L