

NOTES:

1. REFER TO DRAWING NUMBER B14264/D2 FOR MANHOLE SCHEDULES
2. REFER TO DRAWING NUMBER B14264/D3 FOR DRAINAGE DETAILS & NOTES

STORM WATER STORAGE PIPES:
 PIPE SIZE 12NO. RUNS OF 37mX0.600mØ
 (TO BE DETERMINED BY MANUFACTURER)
 DESIGN OF PIPES ETC BY SUBCONTRACTOR
 3650sqm IMPERMEABLE AREA
 FOR 1:100 YEAR STORM
 + 10% INCREASE FOR CLIMATE CHANGE
 TANK TO BE INSTALLED IN ACCORDANCE
 WITH THE MANUFACTURERS SPECIFICATIONS
 AND FITTED WITH VENTED COVER
 CL = 134.540
 TOP OF PIPES = 133.940
 INLET/OUTLET = 133.340

NEW SURFACE WATER CONNECTION TO DRAINAGE WITHIN ACCESS ROAD WITH FLOW RESTRICTER TO LIMIT DISCHARGE TO A RATE OF 5L/S

PROPRIETARY SILT TRAPS TO JET WASH AREAS

TANK 1
 NEW FULL RETENTION CLASS 1 FORECOURT SEPARATOR WITH COALESCING FILTER, AUTOMATIC CLOSURE, ALARM & POLLUTANT LEVEL MONITOR. DRAINED AREA 1200sqm APPROX TANK SIZE 3963X1920mmØ [TO BE DETERMINED BY MANUFACTURER]
 TANK TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS PROVIDE VENT PIPE AND STACK, POSITION TO BE AGREED REINFORCED CONCRETE COVER SLAB 5000X3000X300mm THICK TWO LAYERS A393 MESH BOTTOM
 CL = 134.650
 INLET = 133.505
 OUTLET = 133.455

TANK 2
 NEW FULL RETENTION CLASS 1 SEPARATOR WITH COALESCING FILTER, AUTOMATIC CLOSURE, ALARM & POLLUTANT LEVEL MONITOR. DRAINED AREA 1240sqm APPROX TANK SIZE 3915X2010mmØ [TO BE DETERMINED BY MANUFACTURER]
 TANK TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS PROVIDE VENT PIPE AND STACK, POSITION TO BE AGREED REINFORCED CONCRETE COVER SLAB 5000X3000X300mm THICK TWO LAYERS A393 MESH BOTTOM
 CL = 134.540
 INLET = 133.395
 OUTLET = 133.345

TANK 3
 30000 L RAINWATER HARVESTING TANK, INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS REINFORCED CONCRETE COVER SLAB 4000X7000X300mm THICK TWO LAYERS A393 MESH BOTTOM
 CL = 135.350
 INLET = 133.850
 OUTLET = 133.800

ACO S100/200 DRAINAGE CHANNELS AS NOTED TO CENTRAL FORECOURT SURROUND OR SIMILAR APPROVED WITH IN BUILT FALLS AND TRAPPED RODDABLE GULLIES & F900 HEELGUARD GRATE ALL INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDED DETAILS & SPEC

ALL GULLIES AT RWP LOCATIONS ARE TO HAVE RODDING ACCESS

ALL EXTERNAL DOORS WITH A LEVEL ACCESS TO HAVE A THRESHOLD DRAIN

CONNECTIONS INTO PUBLIC SEWERS TO BE IN ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITY

ALL INTERNAL DRAINAGE RUNS ARE DIAGRAMATIC & CAN BE ADJUSTED TO SUIT

ALL INTERNAL SVP'S TO HAVE RODDING ACCESS POINT

REFER TO ARCHITECTS DRAWINGS FOR LOCATION OF ALL SANITARY FITTINGS, SVP'S & RWP'S

- KEY**
- RWP RAIN WATER PIPE
 - RE RODDING EYE
 - G GULLY
 - SVP SOIL VENTILATION PIPE
 - BD BACK DROP
 - - - SURFACE WATER DRAIN
 - . - . FOUL WATER DRAIN
 - - - COMBINED WATER DRAIN

ARRANGEMENT SUBJECT TO FINAL LEVELS

PRELIMINARY

P1	08.17	DRAINAGE REVISED	S.P.M.
rev	date	revisions	initials

client
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project
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drawing
**PETROL FILLING STATION
 DRAINAGE LAYOUT**

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drawn SPM date 12.04.17

scale 1:200 checked

contract no. B14264 drawing no. D1 P1

