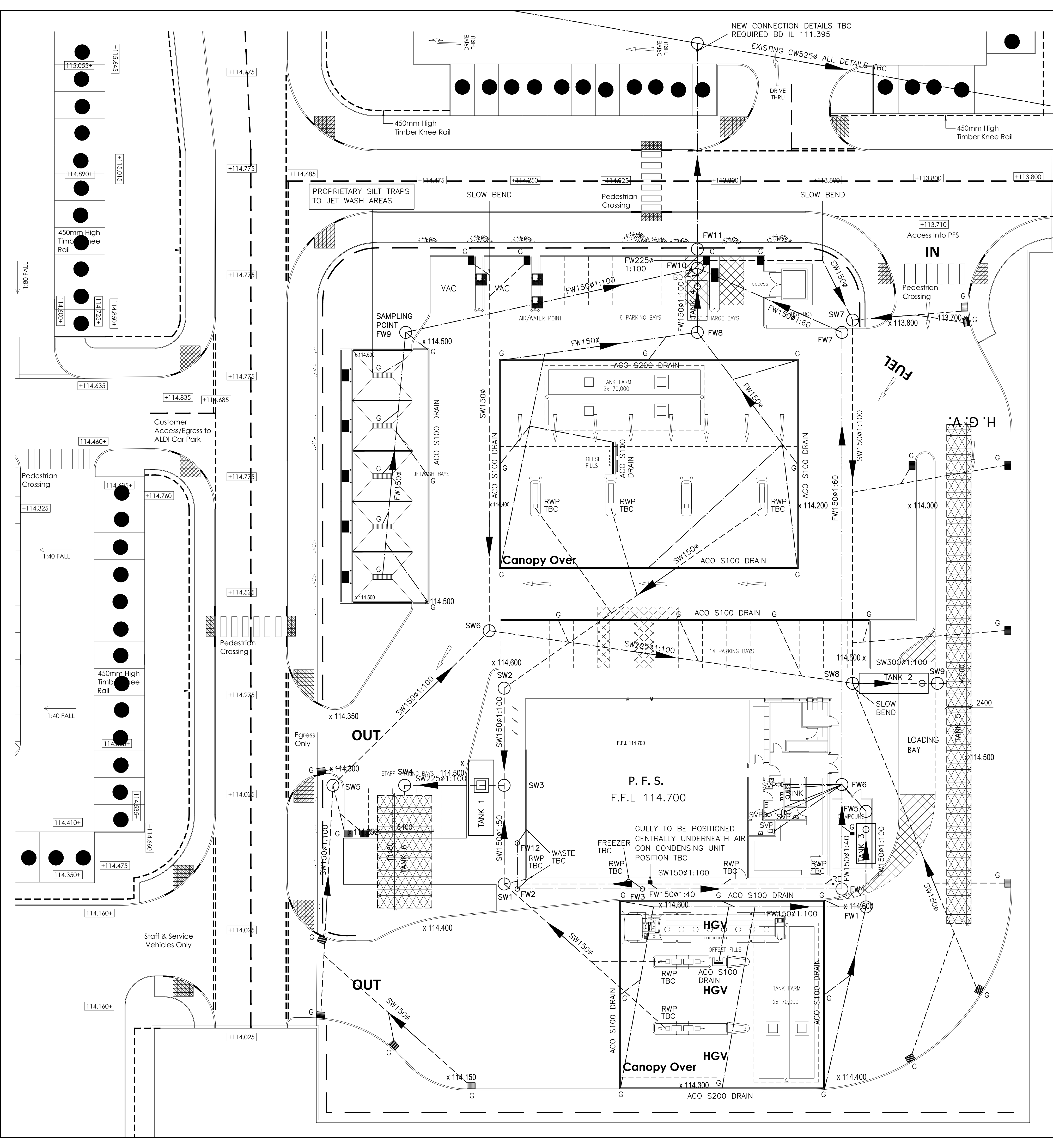




ACO S100/200 DRAINAGE CHANNELS AS NOTED TO CENTRAL FORECOURT SURROUND OR SIMILAR APPROVED WITH IN BUILT FALLS AND TRAPPED RODDABLE GULLIES & F900 HEELGUARD GRATE ALL INSTALLED IN ACCORDANCE WITH THE MANUFACTURES RECOMMENDED DETAILS & SPEC

113.61 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 DRAWNGS FOR LOCATION OF ALL SANITARY FITTINGS, SVP'S & RWP'S

TANK 5
TUBOSIDER STORM WATER STEEL SOAKAWAY PERFORATED TANK OR SIMILAR APPROVED:
WITH A STORAGE CAPACITY OF 288.100cum
TANK SIZE 1NO. RUN OF 49500X2400mmø (TO BE DETERMINED BY MANUFACTURER)
DESIGN OF TANKS & PROVISION OF CALCULATIONS ETC BY SUBCONTRACTOR
4000sqm IMPERMEABLE AREA
FOR 1:100 YEAR STORM
+ 40% INCREASE FOR CLIMATE CHANGE
TANK TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS AND FITTED WITH VENTED COVER
REINFORCED CONCRETE COVER SLAB 300mm THICK TWO LAYERS A393 MESH BTM
CL = 113.907
TOP OF PIPES = 112.311
INLET = 112.011

TANK 6
TUBOSIDER STORM WATER STEEL SOAKAWAY PERFORATED TANK OR SIMILAR APPROVED:
WITH A STORAGE CAPACITY OF 78.100cum
TANK SIZE 3NO. RUNS OF 11180X1400mmø (TO BE DETERMINED BY MANUFACTURER)
DESIGN OF TANKS & PROVISION OF CALCULATIONS ETC BY SUBCONTRACTOR
1500sqm IMPERMEABLE AREA
FOR 1:100 YEAR STORM
+ 40% INCREASE FOR CLIMATE CHANGE
TANK TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS AND FITTED WITH VENTED COVER
REINFORCED CONCRETE COVER SLAB 300mm THICK TWO LAYERS A393 MESH BTM
CL = 114.250
TOP OF PIPES = 112.879
INLET = 112.654

KEY

- RWP RAIN WATER PIPE
- RE RODDING EYE
- G GULLY
- SVP SOIL VENTILATION PIPE
- BD BACK DROP
- - - SURFACE WATER DRAIN
- - - FOUL WATER DRAIN
- x????.??? INDICATES PROPOSED LEVEL TO ARCHITECTS DETAILS

- NOTES:**
- REFER TO DRAWING NUMBER 1332/D2 FOR MANHOLE SCHEDULES
 - REFER TO DRAWING NUMBER 1332/D3 FOR DRAINAGE DETAILS & NOTES
 - REFER TO DRAWING NUMBER 1332/D4 FOR EXTERNAL WORKS & DETAILS

TENDER PURPOSES ONLY

TANK 1
30000 l RAINWATER HARVESTING TANK, INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS
REINFORCED CONCRETE COVER SLAB 4000x7000x300mm THICK TWO LAYERS A393 MESH BOTTOM
CL = 114.550
INLET = 112.800
OUTLET = 112.750

TANK 2
FULL RETENTION CLASS 1
SEPARATOR WITH COALESING FILTER, AUTOMATIC CLOSURE, ALARM & POLLUTANT LEVEL MONITOR. DRAINED AREA 3300sqm APPROX TANK SIZE 6850x2010mm DIA [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 8000x3000x300mm THICK TWO LAYERS A393 MESH BOTTOM
CL = 114.366
INLET = 112.087
OUTLET = 112.037

TANK 3
FULL RETENTION CLASS 1 FORECOURT
SEPARATOR WITH COALESING FILTER, AUTOMATIC CLOSURE, ALARM & POLLUTANT LEVEL MONITOR. DRAINED AREA 450sqm APPROX TANK SIZE 3963x1920mm DIA [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 5500x3500x300mm THICK TWO LAYERS A393 MESH BOTTOM
CL = 114.500
INLET = 112.804
OUTLET = 112.754

TANK 4
FULL RETENTION CLASS 1 FORECOURT
SEPARATOR WITH COALESING FILTER, AUTOMATIC CLOSURE, ALARM & POLLUTANT LEVEL MONITOR. DRAINED AREA 1050sqm APPROX TANK SIZE 3963x1920mm DIA [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 5500x3500x300mm THICK TWO LAYERS A393 MESH BOTTOM
CL = 114.000
INLET = 112.878
OUTLET = 112.828

ARRANGEMENT SUBJECT TO FINAL LEVELS

SUBJECT TO APPROVAL

rev	date	revisions	Initials
client			
THE KAY GROUP			
project			
PETROL FILLING STATION RUABON WALES			
drawing			
DRAINAGE LAYOUT			
drawn S.P.M. date 25.09.18			
scale 1:200 checked			
contract no. drawing no.			
1332 D1			

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