DRAINAGE LEGEND

- EXISTING COMBINED CULVERT/PIPE TO BE RETAINED, JETTED AND CLEANED TO CONVEY SURFACE WATER ONLY.
- EXISTING SURFACE WATER DRAIN TO BE RETAINED
- PROPOSED FOUL DRAIN
- PROPOSED SURFACE WATER DRAIN
- SVP / WASTE PIPE
- RAINWATER PIPE (RWP)
- INTERNAL FW/SW MANHOLE WITH DOUBLE SEALED COVER
- EXTERNAL FW/SW MANHOLE
- PROPOSED FW/SW ACCESS CHAMBER
- BACKDROP MANHOLE
- TREATED EFFLUENT DRAIN
- EXISTING DRAIN TO BE ABANDONED

SW04
SW01
SW02
SW03
4No LINKED SOAKAWAYS - 2.7m DIAMETER PCC RINGS SURROUNDED WITH MIN 300mm GRANULAR FILL MATERIAL

S01
NEW CHAMBER BUILT ON LINE OF EXISTING CULVERT

APPROXIMATE ROUTE OF EXISTING CULVERT. CONDITION UNKNOWN. REQUIRES FURTHER INVESTIGATION TO ESTABLISH CONDITION AND SUITABILITY FOR ONGOING USE

EXACT POSITION FOR SEWAGE TREATMENT PLANT TBC TO ALLOW FOR ADEQUATE ACCESS FOR SMALL TANKER FOR MAINTENANCE / EMPTYING

PROPOSED SEWAGE TREATMENT PLANT WPL DIAMOND DMS5
CL = 78.68
IL = 78.60, OL = 78.54
BASE = 76.60
SEE DETAILS ON DWG 21181-SFK-00-B1-DR-C-5005

E01
E02
E03 SAMPLING CHAMBER
F01
F02
LOCATION OF VENT PIPE OUTLET AND CONTROL KIOSK BLOWER UNIT TO BE CONFIRMED

APPROX O/A 17m x 4.7m DRAINAGE FIELD
SEE DETAILS ON DWG 21181-SFK-00-B1-DR-C-5010

FOUL DRAIN DISCHARGES TO NEW SEWAGE TREATMENT PLANT AND DRAINAGE FIELD

F03
EXTG BRICK-ARCH CULVERT DISCHARGING COMBINED FLOWS TO SOAKAWAY AND TO GROUND

EXTG SW CULVERT MAY REQUIRE DIVERSION AROUND NEW SWIMMING POOL

S02
FOUL AND WASTE FLOWS SEPARATED FROM EXTG COMBINED DRAIN. CULVERT RETAINED AS SURFACE WATER DRAIN

ALLOW FOR 2No SHOWERS AND WC FOR FUTURE PROOF

TO CONFIRM: RWP TO DISCHARGE INTERNALLY

SVP DOES NOT GO TO THE BASEMENT

F04
F05
F06
F07
S14
S03
F17
S16
F18
DIVERT FOUL / WASTE TO NEW FOUL DRAIN WITHIN BASEMENT CORRIDOR - DOWNSTREAM DRAIN RETAINED AS SURFACE WATER.

EXTG SW CULVERT TO ACCOMMODATE NEW FOUL PIPE PASSING THROUGH TOP

150mm DIA PIPE CHANGES TO 750mm BRICK ARCH WITH 225mm DIA CHANNEL

S17
EXTG CULVERT AND PIPE RETAINED AS SURFACE WATER DRAIN

LAY NEW FOUL DRAIN PARALLEL TO EXTG CULVERT AND SEPARATE FOUL/WASTE FROM SURFACE WATER

SD4
F16
F16 REPLACES EXISTING MH AND OUTGOING DRAIN

F20
S15
F08
EXTG AND ANY NEW SVP / WASTE PIPES TO BE RECONNECTED TO NEW FOUL DRAIN

S05
NEW FOUL DRAIN TO BE CONSTRUCTED AS CLOSE AS PRACTICABLE TO THE EXISTING CULVERT

ZONE B
ZONE D

EXISTING POND TO BE INVESTIGATED TO DETERMINE CONDITION AND EXPOSE PIPEWORK TO ESTABLISH FUNCTION

Scale Bar - 1:200 0 2.0 4.0 6.0 8.0m

FOR CONTINUATION SEE DWG No 21181-SFK-00-B1-DR-C-5001

NOTES

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECT'S AND M&E DRAWINGS TOGETHER WITH THE SPECIFICATION.

FOR DRAINAGE SCHEDULES SEE DRAWING No's 21181-SFK-00-B1-DR-C-5010.

FOR DRAINAGE DETAILS SEE DRAWING No's 21181-SFK-00-B1-DR-C-5005.

MANHOLE CONSTRUCTION TABLE

MANHOLE TYPE A - PPE
MANHOLE TYPE B - CONCRETE OR BRICK
MANHOLE TYPE C - PCC RINGS
MANHOLE TYPE D - PCC RINGS WITH SUMP
MANHOLE TYPE E - PCC RINGS WITH LADDER
MANHOLE TYPE F - PCC SOAKAWAY

rev	drawn	chkd	appd	date	description
T2	LK	SDD	-	19.05.23	ISSUED FOR TENDER
T1	AD	SDD	-	16.12.22	ISSUED FOR TENDER
P1	AD	SDD	-	28.09.22	ISSUED FOR PRELIMINARY INFORMATION

TRAFALGAR PARK

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DRAWING TITLE:
PROPOSED FOUL AND SURFACE WATER DRAINAGE LAYOUT

SOAKAWAYS AND DRAINAGE FIELD

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SCALE: 1:200 @ A1
SFK REF: 21181 - C - 5002

21181-SFK-00-B1-DR-C-5002 | T2

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