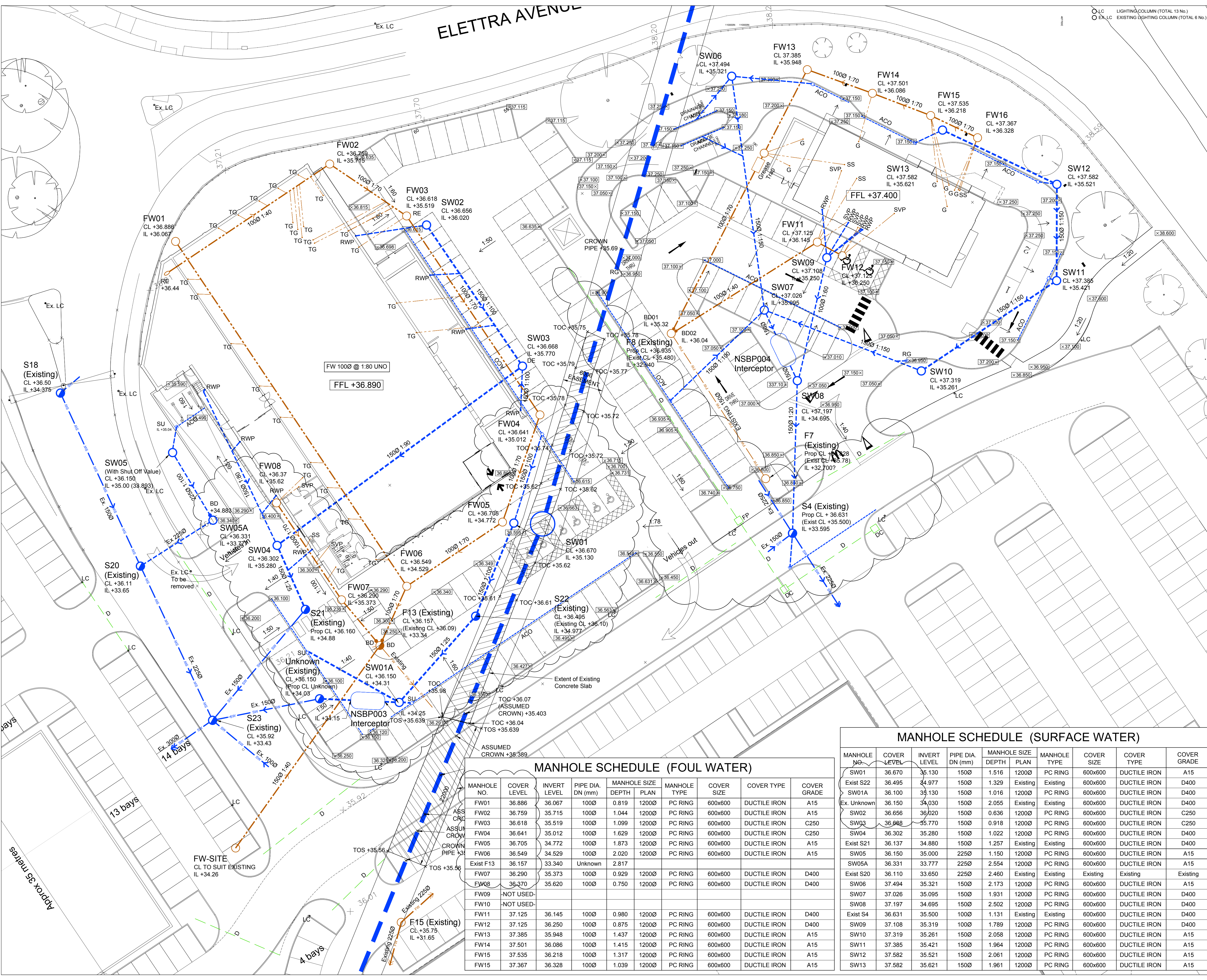




Notes

- This drawing is to be read in conjunction with all relevant Architects, Engineers and Specialists drawings and the Specification.
- In case of a discrepancy between drawings or a lack of dimensions W.F. Brown Associates Limited must be consulted before work proceeds.
- All dimensions are in millimetres. All levels are in metres, unless noted otherwise.

DO NOT SCALE THIS DRAWING - IF IN DOUBT ASK.

SERVICES LEGEND

- DUCT
- BT TELECOMS
- DATA & COMMS (Fibre Optics)
- GAS MAIN
- HIGH VOLTAGE ELECTRIC
- LOW VOLTAGE ELECTRIC
- WATER MAIN
- UNKNOWN SERVICE

DRAINAGE LEGEND

- EXISTING SURFACE WATER SEWER (& MANHOLE)
- EXISTING FOUL WATER SEWER (& MANHOLE)
- EXISTING COMBINED SEWER (& MANHOLE)
- PROPOSED SURFACE WATER SEWER (& MANHOLE)
- PROPOSED FOUL WATER SEWER (& MANHOLE)
- PROPOSED 3000 ACCESS CHAMBER (N.E 600mm DEEP)
- PROPOSED 4500 INSPECTION CHAMBER (N.E 1000mm DEEP)
- 450 DIA. P.C.C. ROAD GULLY
- SQUARE TRAPPED V.C. YARD GULLY C/W SHALLOW BUCKET
- RODDING EYE (REFER TO PLAN FOR INVERT LEVEL)
- RAINWATER COLLECTION PIPE
- RAINWATER COLLECTION PIPE (WITH ACCESS)
- DRAINAGE CHANNEL (WITH SUMP UNIT)
- SOIL & VENT PIPE
- STUB STACK
- STUB STACK (WITH DURGO AIR VALVE)
- SQUARE TRAPPED V.C. BACK INLET GULLY (WITH ACCESS)
- RIISING MAIN - SURFACE WATER
- RIISING MAIN - FOUL WATER
- PIPELINE WITH CONCRETE SURROUND
- PIPELINE TO BE REMOVED
- ABANDONED
- SITE BOUNDARY

ALL RWP AND SVP POSITIONS TO BE CONFIRMED BY THE ARCHITECT

P6	02-06-16	DRAINAGE SCHEME UPDATED. LIGHTING COLUMNS AND DUCTS ADDED	MD
P5	06-05-16	SCHEDULE ADDED. SCHEME AMENDED	SJH
P4	29-04-16	NOTES ADDED	SJH
P3	22-04-16	SITE OFFICE MH AMENDED	SJH
P2	13-04-16	SITE MANHOLE ADDED, DRAINAGE SCHEME AMENDED	SJH
P1	06-04-16	PRELIMINARY ISSUE	SJH

PRELIMINARY

Project Name

WATERLOO PARK, WATERLOOVILLE

Architect

Client

HARGREAVES PROPERTIES LTD

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DRAINAGE LAYOUT SCHEME

Drawing Title

Created By SJH	Checked By PT	Approved By WFB
Scale 1:250	Date Apr '16	Rev.
Dwg Number 15083/050		P6

MANHOLE SCHEDULE (SURFACE WATER)									
MANHOLE NO.	COVER LEVEL	INVERT LEVEL	PIPE DIA. DN (mm)	MANHOLE SIZE DEPTH	PLAN	MANHOLE TYPE	COVER SIZE	COVER TYPE	COVER GRADE
SW01	36.670	35.130	1500	1.516	12000	PC RING	600x600	DUCTILE IRON	A15
Exist S22	36.495	34.977	1500	1.329	Existing	Existing	600x600	DUCTILE IRON	D400
SW01A	36.100	35.130	1500	1.016	12000	PC RING	600x600	DUCTILE IRON	D400
Ex. Unknown	36.150	34.030	1500	2.055	Existing	Existing	600x600	DUCTILE IRON	D400
SW02	36.656	36.020	1500	0.636	12000	PC RING	600x600	DUCTILE IRON	C250
SW03	36.668	35.770	1500	0.918	12000	PC RING	600x600	DUCTILE IRON	C250
SW04	36.302	35.280	1500	1.022	12000	PC RING	600x600	DUCTILE IRON	D400
Exist S21	36.137	34.880	1500	1.257	Existing	Existing	600x600	DUCTILE IRON	D400
SW05	36.150	35.000	2250	1.150	12000	PC RING	600x600	DUCTILE IRON	A15
SW05A	36.331	33.777	2250	2.554	12000	PC RING	600x600	DUCTILE IRON	A15
Exist S20	36.110	33.650	2250	2.460	Existing	Existing	Existing	Existing	Existing
SW06	37.494	35.321	1500	2.173	12000	PC RING	600x600	DUCTILE IRON	A15
SW07	37.026	35.095	1500	1.931	12000	PC RING	600x600	DUCTILE IRON	D400
SW08	37.197	34.695	1500	2.502	12000	PC RING	600x600	DUCTILE IRON	D400
Exist S4	36.631	35.500	1000	1.131	Existing	Existing	600x600	DUCTILE IRON	D400
SW09	37.108	35.319	1000	1.789	12000	PC RING	600x600	DUCTILE IRON	D400
SW10	37.319	35.261	1500	2.058	12000	PC RING	600x600	DUCTILE IRON	A15
SW11	37.385	35.421	1500	1.964	12000	PC RING	600x600	DUCTILE IRON	A15
SW12	37.582	35.521	1500	2.061	12000	PC RING	600x600	DUCTILE IRON	A15
SW13	37.582	35.621	1500	1.961	12000	PC RING	600x600	DUCTILE IRON	A15

MANHOLE SCHEDULE (FOUL WATER)									
MANHOLE NO.	COVER LEVEL	INVERT LEVEL	PIPE DIA. DN (mm)	MANHOLE SIZE DEPTH	PLAN	MANHOLE TYPE	COVER SIZE	COVER TYPE	COVER GRADE
FW01	36.886	36.067	1000	0.819	12000	PC RING	600x600	DUCTILE IRON	A15
FW02	36.759	35.715	1000	1.044	12000	PC RING	600x600	DUCTILE IRON	A15
FW03	36.618	35.519	1000	1.099	12000	PC RING	600x600	DUCTILE IRON	C250
FW04	36.641	35.012	1000	1.629	12000	PC RING	600x600	DUCTILE IRON	C250
FW05	36.705	34.772	1000	1.873	12000	PC RING	600x600	DUCTILE IRON	A15
FW06	36.549	34.529	1000	2.020	12000	PC RING	600x600	DUCTILE IRON	A15
Exist F13	36.157	33.340	Unknown	2.817					
FW07	36.290	35.373	1000	0.929	12000	PC RING	600x600	DUCTILE IRON	D400
FW08	36.370	35.620	1000	0.750	12000	PC RING	600x600	DUCTILE IRON	D400
FW09	NOT USED								
FW10	NOT USED								
FW11	37.125	36.145	1000	0.980	12000	PC RING	600x600	DUCTILE IRON	D400
FW12	37.125	36.250	1000	0.875	12000	PC RING	600x600	DUCTILE IRON	D400
FW13	37.385	35.948	1000	1.437	12000	PC RING	600x600	DUCTILE IRON	A15
FW14	37.501	36.086	1000	1.415	12000	PC RING	600x600	DUCTILE IRON	A15
FW15	37.535	36.218	1000	1.317	12000	PC RING	600x600	DUCTILE IRON	A15
FW15	37.367	36.328	1000	1.039	12000	PC RING	600x600	DUCTILE IRON	A15