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DO NOT SCALE

NOTES

MH REF.	INVERT LEVELS AT CENTRE OF MANHOLE	COVER LEVELS	DEPTH TO SOFFIT	TYPE	SIZE	COVER TYPE	NOTES	COORDINATES
SW1	225Ø - 148.850	150.700	1.625	B	CONC. 1200Ø	D400		E = 115587.5 N = 168869.9
SW2	375Ø - 147.947 225Ø - 148.782 BD	150.770	2.680	B	CONC. 1350Ø	D400		E = 117289.0 N = 168963.3
SW3	225Ø - 148.875	150.300	1.200	E	CONC. 1200Ø	C250		E = 112164.3 N = 167291.3
SW4	300Ø - 148.625 225Ø - 148.700	150.300	1.345	E	CONC. 1200Ø	C250		E = 111757.8 N = 164627.5
SW5	375Ø - 147.027 300Ø - 146.575 BD	150.300	2.898	B	CONC. 1350Ø	C250		E = 111674.7 N = 164129.6
SW6	300Ø - 148.800 225Ø - 148.875	150.300	1.200	E	CONC. 1200Ø	C250		E = 111327.8 N = 161882.2
SW7	375Ø - 146.987 300Ø - 148.667 BD 225Ø - 148.833 BD	150.300	2.938	B	CONC. 1350Ø	C250		E = 111041.7 N = 159905.8
SW8	225Ø - 148.875	150.300	1.200	E	CONC. 1200Ø	C250		E = 110930.6 N = 159321.8
SW9	225Ø - 148.525	149.800	1.050	E	CONC. 1200Ø	D400		E = 116977.4 N = 156504.9
SW10	300Ø - 147.818 225Ø - 147.893 150Ø - 147.967	149.630	1.512	B	CONC. 1350Ø	D400		E = 114759.4 N = 155344.9
SW11	375Ø - 147.014 300Ø - 147.089	149.680	2.238	B	CONC. 1350Ø	C250		E = 111020.1 N = 154361.0
SW12	375Ø - 147.029	151.200	3.796	A	CONC. 1350Ø	D400		E = 110245.9 N = 154450.0

THE POSITION OF THE INTERNAL FACE OF ANY DRAIN/SEWER OR RISING MAIN SHALL NOT DEVIATE FROM THE DESIGN LINE AND LEVEL BY MORE THAN +/- 20mm, PROVIDED THAT NO DRAIN/SEWER SHALL HAVE A REVERSE GRADIENT.

SURFACE WATER MANHOLE SCHEDULE.

MH REF.	INVERT LEVELS AT CENTRE OF MANHOLE	COVER LEVELS	DEPTH TO SOFFIT	TYPE	SIZE	COVER TYPE	NOTES	COORDINATES
FW1	150Ø - 149.000	150.350	1.200	E	CONC. 1200Ø	C250 RECESSED COVER		E = 120287.4 N = 166525.8
FW2	150Ø - 148.820	150.350	1.380	E	CONC. 1200Ø	C250 RECESSED COVER		E = 119478.7 N = 166679.2
FW3	150Ø - 146.261 150Ø - 148.350 BD	150.600	4.189	A	CONC. 1200Ø	C250		E = 119592.2 N = 167403.7

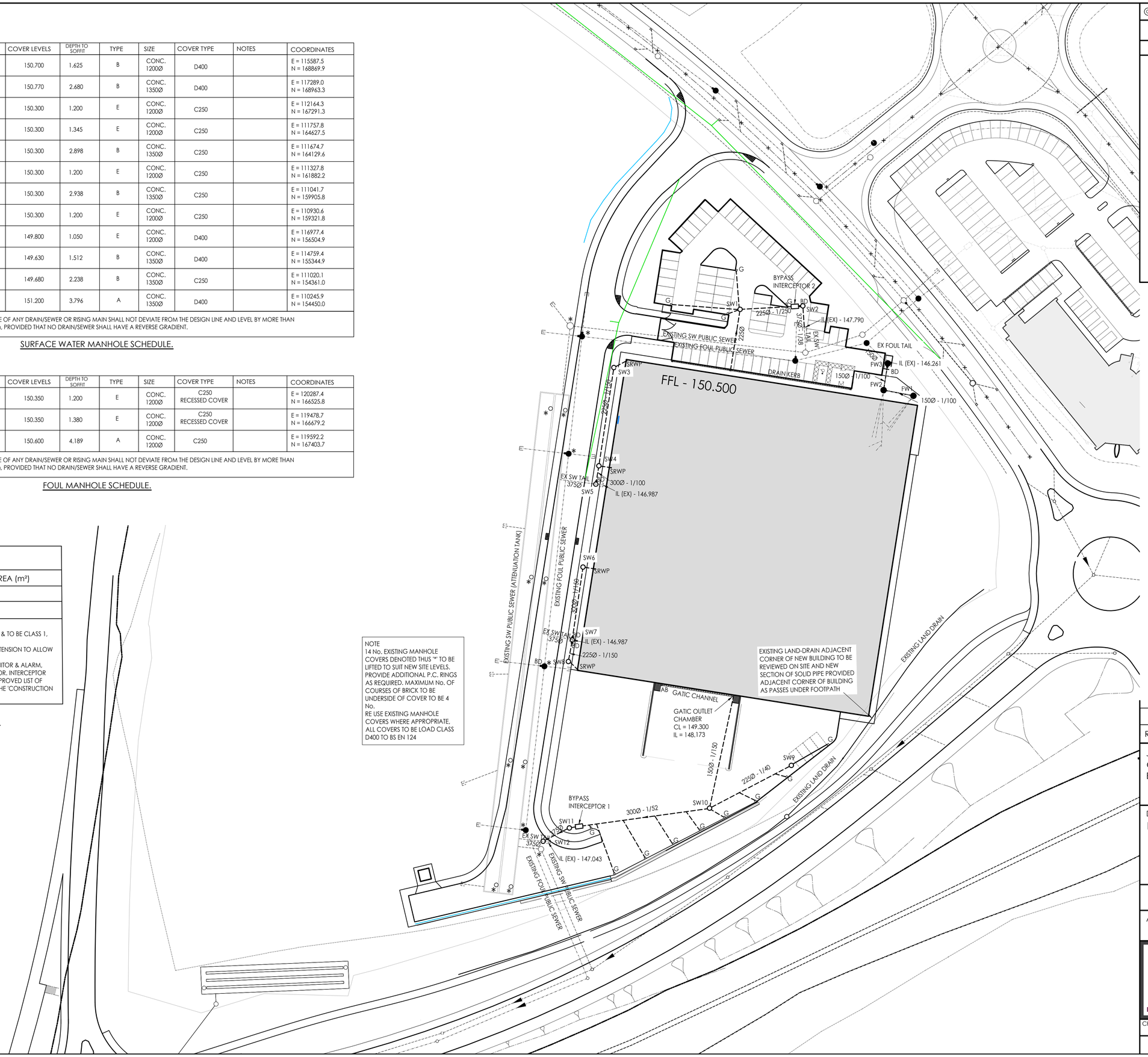
THE POSITION OF THE INTERNAL FACE OF ANY DRAIN/SEWER OR RISING MAIN SHALL NOT DEVIATE FROM THE DESIGN LINE AND LEVEL BY MORE THAN +/- 20mm, PROVIDED THAT NO DRAIN/SEWER SHALL HAVE A REVERSE GRADIENT.

FOUL MANHOLE SCHEDULE.

BYPASS INTERCEPTORS:	
INTERCEPTOR No.	CATCHMENT AREA (m²)
①	1754
②	2646

NOTES
ALL INTERCEPTORS TO HAVE 50mm STEP ACROSS INVERT & TO BE CLASS 1, BYPASS TYPE.
PROVIDED WITH TURRET & FILTER EXTRACTION DEVICE EXTENSION TO ALLOW ACCESS FROM FINISHED GROUND LEVEL.
INTERCEPTORS TO BE PROVIDED WITH AN OIL LEVEL MONITOR & ALARM, CONTRACTOR TO PROVIDE ELECTRIC SUPPLY TO MONITOR. INTERCEPTOR SUPPLIER MUST BE ON THE ENVIRONMENT AGENCY'S APPROVED LIST OF COMPLIANT MANUFACTURERS IN ACCORDANCE WITH THE 'CONSTRUCTION PRODUCTS REGULATIONS' 1991 AND PPG3.

INTERCEPTOR TABLE.



NOTE
14 No. EXISTING MANHOLE COVERS DENOTED THUS '*' TO BE LIFTED TO SUIT NEW SITE LEVELS. PROVIDE ADDITIONAL P.C. RINGS AS REQUIRED. MAXIMUM No. OF COURSES OF BRICK TO BE UNDERSIDE OF COVER TO BE 4 No.
RE USE EXISTING MANHOLE COVERS WHERE APPROPRIATE. ALL COVERS TO BE LOAD CLASS D400 TO BS EN 124

DRAINAGE KEY:

- EXISTING SURFACE WATER DRAIN
- EXISTING FOUL DRAIN
- PROPOSED SURFACE WATER DRAIN
- PROPOSED FOUL DRAIN
- PROPOSED DRAIN WITH 150mm CLASS 'Z' BED AND SURROUND (CONCRETE).
- FW PROPOSED FOUL WATER MANHOLE
- SW PROPOSED SURFACE WATER MANHOLE
- G PROPOSED ROAD GULLY
- BD MANHOLE WITH BACKDROP CONNECTION
- RWP PROPOSED RAINWATER PIPE
- SRWP PROPOSED SIPHONIC RAINWATER PIPE
- AB PROPOSED GATIC ACCESS BOX
- SB PROPOSED GATIC SILT BOX
- RE PROPOSED RODDING EYE

REV	DESCRIPTION	DATE	BY
A	GULLY ADDED TO CAR PARK AS REQUESTED	31.03.17	DD

Job Title
CAPITOL PARK
BARNSLEY

Drawing Title
DRAINAGE LAYOUT

TENDER

Architect

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