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DO NOT SCALE

NOTES

DRAINAGE KEY:

- EXISTING SURFACE WATER DRAIN
- EXISTING FOUL DRAIN
- EX MH EXISTING MANHOLE
- 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

INTERCEPTOR TABLE.

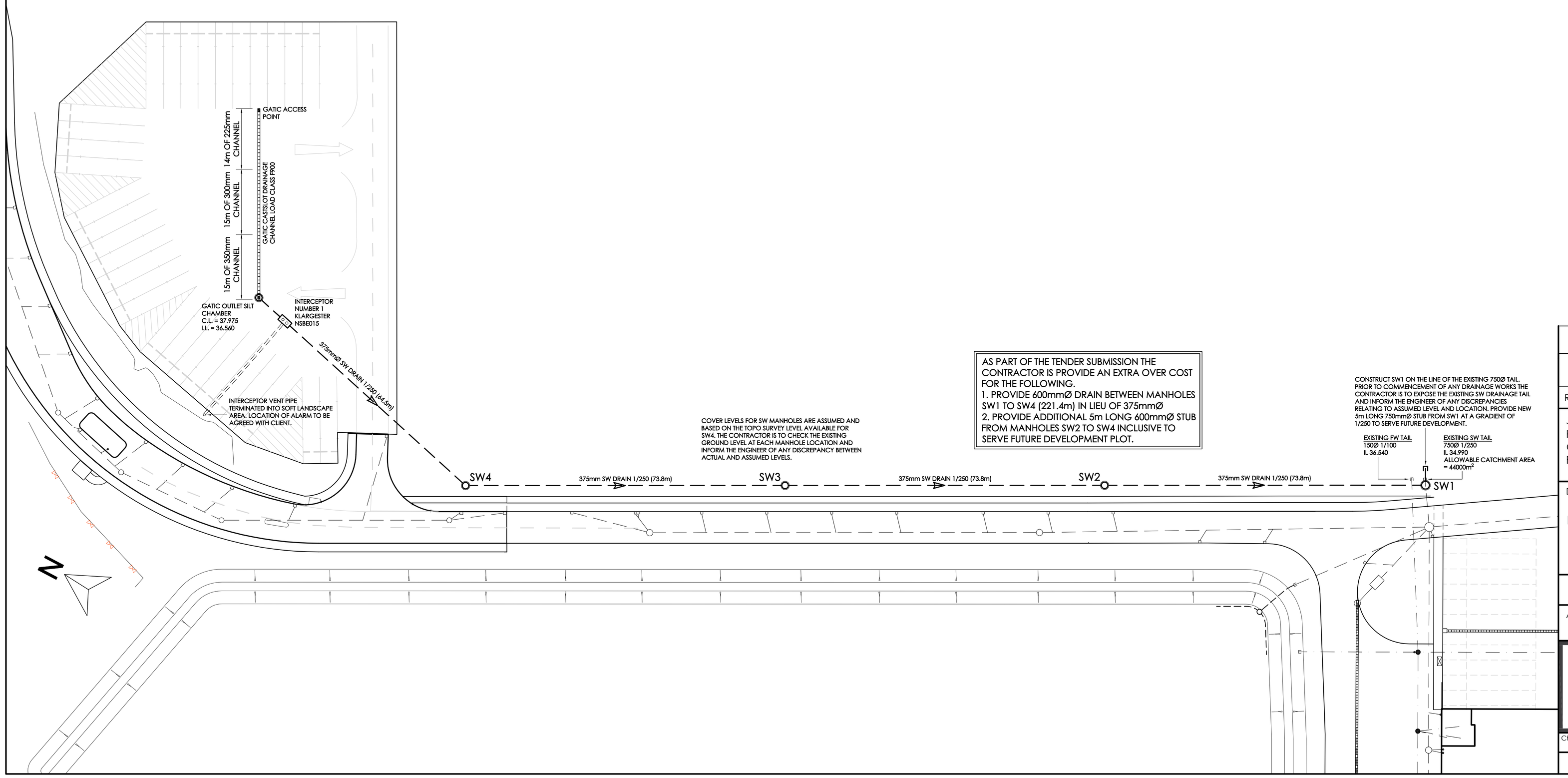
INTERCEPTORS:	
INTERCEPTOR No.	CATCHMENT AREA (m2)
(1)	6500

NOTES
ALL INTERCEPTORS TO HAVE 50mm STEP ACROSS INVERT & TO BE CLASS 1, TYPE 1 BYPASS SEPARATOR.
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 SHALL BE 'CE' MARKED AND MANUFACTURER SHALL PROVIDE CERTIFICATES OF CONFORMITY AND DECLARATION OF PERFORMANCE.

MANHOLE SCHEDULE.

MH REF.	INVERT LEVELS AT CENTRE OF MANHOLE	COVER LEVELS	DEPTH TO SOFFIT	TYPE	SIZE	COVER TYPE	NOTES
SW1	34.990 - 750Ø 35.365 - 375Ø	38.500	2.760	B	1800Ø CONC.	D400	
SW2	35.660 - 375Ø	38.500	2.465	B	1500Ø CONC.	D400	
SW3	35.955 - 375Ø	38.500	2.170	B	1500Ø CONC.	D400	
SW4	36.250 - 375Ø	38.500	1.875	B	1500Ø CONC.	D400	

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.



COVER LEVELS FOR SW MANHOLES ARE ASSUMED AND BASED ON THE TOPO SURVEY LEVEL AVAILABLE FOR SW4. THE CONTRACTOR IS TO CHECK THE EXISTING GROUND LEVEL AT EACH MANHOLE LOCATION AND INFORM THE ENGINEER OF ANY DISCREPANCY BETWEEN ACTUAL AND ASSUMED LEVELS.

AS PART OF THE TENDER SUBMISSION THE CONTRACTOR IS PROVIDE AN EXTRA OVER COST FOR THE FOLLOWING.
1. PROVIDE 600mmØ DRAIN BETWEEN MANHOLES SW1 TO SW4 (221.4m) IN LIEU OF 375mmØ
2. PROVIDE ADDITIONAL 5m LONG 600mmØ STUB FROM MANHOLES SW2 TO SW4 INCLUSIVE TO SERVE FUTURE DEVELOPMENT PLOT.

CONSTRUCT SW1 ON THE LINE OF THE EXISTING 750Ø TAIL. PRIOR TO COMMENCEMENT OF ANY DRAINAGE WORKS THE CONTRACTOR IS TO EXPOSE THE EXISTING SW DRAINAGE TAIL AND INFORM THE ENGINEER OF ANY DISCREPANCIES RELATING TO ASSUMED LEVEL AND LOCATION. PROVIDE NEW 5m LONG 750mmØ STUB FROM SW1 AT A GRADIENT OF 1/250 TO SERVE FUTURE DEVELOPMENT.

EXISTING FW TAIL
150Ø 1/100
IL 36.540

EXISTING SW TAIL
750Ø 1/250
IL 34.990
ALLOWABLE CATCHMENT AREA = 44000m²

REV	DESCRIPTION	DATE	BY
B	DRAINAGE CHANNEL COVER LEVEL AMENDED TO SUIT REVISED FINISHED LEVELS.	02/10/18	MDF
A	LINE OF SW DRAIN ALTERED. NOTE ADDED RELATING TO EXTRA OVER PROVISION FOR UPSIZING NEW DRAINAGE.	25/09/18	MDF

Job Title
PARK SPRING ROAD
GRIMETHORPE
BARNSLEY

Drawing Title
DRAINAGE LAYOUT

TENDER

Architect

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Checked	Date	Scale		Drawn
MDP	Aug '18	1:500	A1	MT

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