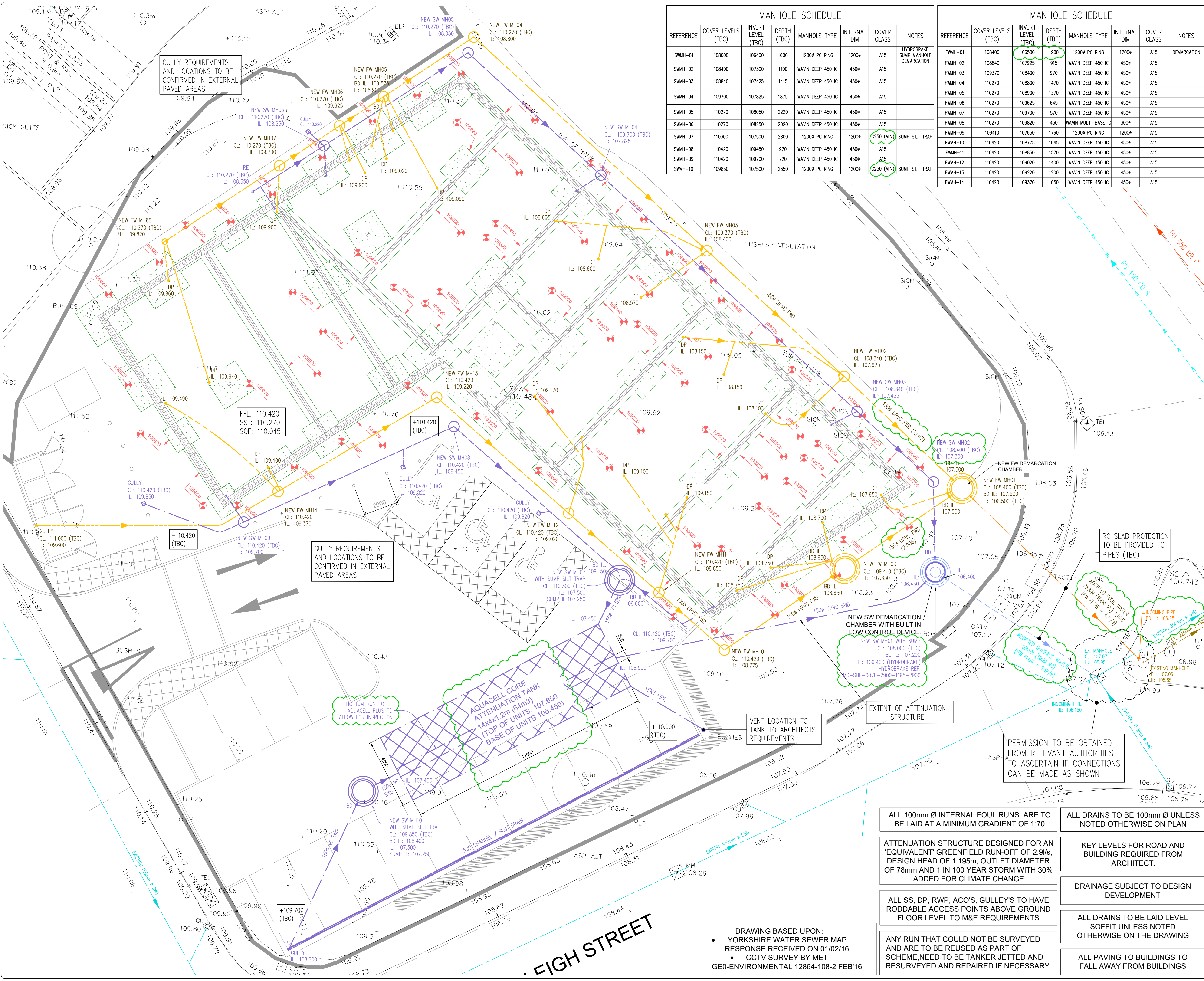




MANHOLE SCHEDULE						
REFERENCE	COVER LEVELS (TBC)	INVERT LEVEL (TBC)	DEPTH (TBC)	MANHOLE TYPE	INTERNAL DIM	COVER CLASS
SMH-01	108000	106400	1600	1200# PC RING	1200#	A15
SMH-02	108400	107300	1100	WAVIN DEEP 450 IC	450#	A15
SMH-03	108840	107425	1415	WAVIN DEEP 450 IC	450#	A15
SMH-04	109700	107825	1875	WAVIN DEEP 450 IC	450#	A15
SMH-05	110270	108050	2220	WAVIN DEEP 450 IC	450#	A15
SMH-06	110270	108250	2020	WAVIN DEEP 450 IC	450#	A15
SMH-07	110300	107500	2800	1200# PC RING	1200#	C250 (MIN)
SMH-08	110420	109450	970	WAVIN DEEP 450 IC	450#	A15
SMH-09	110420	109700	720	WAVIN DEEP 450 IC	450#	A15
SMH-10	109850	107500	2350	1200# PC RING	1200#	C250 (MIN)

MANHOLE SCHEDULE						
REFERENCE	COVER LEVELS (TBC)	INVERT LEVEL (TBC)	DEPTH (TBC)	MANHOLE TYPE	INTERNAL DIM	COVER CLASS
FWMH-01	108400	106500	1900	1200# PC RING	1200#	A15
FWMH-02	108840	107925	915	WAVIN DEEP 450 IC	450#	A15
FWMH-03	109370	108400	970	WAVIN DEEP 450 IC	450#	A15
FWMH-04	110270	108800	1470	WAVIN DEEP 450 IC	450#	A15
FWMH-05	110270	108900	1370	WAVIN DEEP 450 IC	450#	A15
FWMH-06	110270	109625	645	WAVIN DEEP 450 IC	450#	A15
FWMH-07	110270	109700	570	WAVIN DEEP 450 IC	450#	A15
FWMH-08	110270	109820	450	WAVIN MULTI-BASE IC	300#	A15
FWMH-09	109410	107650	1760	1200# PC RING	1200#	A15
FWMH-10	110420	108775	1645	WAVIN DEEP 450 IC	450#	A15
FWMH-11	110420	108850	1570	WAVIN DEEP 450 IC	450#	A15
FWMH-12	110420	109020	1400	WAVIN DEEP 450 IC	450#	A15
FWMH-13	110420	109220	1200	WAVIN DEEP 450 IC	450#	A15
FWMH-14	110420	109370	1050	WAVIN DEEP 450 IC	450#	A15

GENERAL NOTES

DEVELOPMENT OF THE SITE WILL TAKE PLACE WITH SEPARATE SYSTEMS FOR FOUL AND SURFACE WATER DRAINAGE. THE SEPARATE SYSTEMS WILL EXTEND TO THE POINTS OF DISCHARGE TO BE AGREED WITH YORKSHIRE WATER. FOUL WATER DOMESTIC WASTE SHOULD DISCHARGE TO THE 550mm DIAMETER PUBLIC COMBINED SEWER RECORDED IN SHEFFIELD ROAD, AT A POINT TO THE EAST OF THE SITE. FOUL WATER FROM KITCHENS AND/OR FOOD PREPARATION AREAS OF ANY RESTAURANTS AND/OR CANTENEE ETC MUST PASS THROUGH A FAT AND GREASE TRAP OF ADEQUATE DESIGN BEFORE ANY DISCHARGE TO THE PUBLIC SEWER NETWORK. THE FOUL WATER DISCHARGE RATE WILL BE BASED ON THE OCCUPANCY AND USE OF THE BUILDING. DUE TO THE SIGNIFICANT AMOUNT OF MADE GROUND AND TOPOGRAPHY OF THE SITE, SOAKAWAYS AND INFILTRATION TECHNIQUES ARE NOT CONSIDERED FEASIBLE IN THIS INSTANCE. THE PROPOSED SURFACE WATER DRAINAGE SOLUTION IS VIA A SYSTEM ATTENUATED WITH A HYDRO-BRAKE AND STORED ON SITE IN OVER SIZED PIPES (OR SIMILAR MEANS OF STORAGE) DISCHARGING TO THE 450mm DIAMETER PUBLIC SURFACE WATER SEWER RECORDED IN SHEFFIELD ROAD, AT A POINT TO THE EAST OF THE SITE. THE FINALISED PROPOSALS, INCLUDING CALCULATIONS, WILL BE SUBMITTED TO LPA, YORKSHIRE WATER AND HIGHWAYS FOR CONSIDERATION.

- LEGEND:**
- EXISTING ADOPTED COMBINED SEWER (ON YORKSHIRE WATER SEWER MAP)
 - EXISTING ADOPTED FOUL WATER DRAIN (ON YORKSHIRE WATER SEWER MAP)
 - EXISTING FOUL WATER DRAIN (NOT ON YORKSHIRE WATER SEWER MAP)
 - PROPOSED NON ADOPTED FOUL WATER DRAIN
 - PROPOSED YORKSHIRE WATER ADOPTED FOUL WATER DRAIN
 - EXISTING ADOPTED STORM WATER DRAIN (ON YORKSHIRE WATER SEWER MAP)
 - EXISTING ADOPTED STORM WATER DRAIN (NOT ON YORKSHIRE WATER SEWER MAP)
 - EXISTING STORM WATER DRAIN
 - PROPOSED NON-ADOPTED STORM WATER DRAIN
 - PROPOSED ADOPTED YORKSHIRE WATER STORM WATER DRAIN
 - EXISTING SURFACE WATER DRAIN TO BE ABANDONED
 - RODDING EYE
 - RAINWATER PIPE
 - ROAD GULLY
 - FOUL WATER CONSTRUCTED CHAMBER
 - FOUL WATER POLYPROPYLENE INSPECTION CHAMBER
 - STORM WATER POLYPROPYLENE INSPECTION CHAMBER
 - COMBINED FLOW CONSTRUCTED CHAMBER
 - STORM WATER CONSTRUCTED CHAMBER
 - BACK INLET GULLY
 - TOP OF FOUNDATION LEVELS

3	ATTENUATION TANK SIZE REVISED	RDC	RLN	2011/17
2	PRELIMINARY ISSUE	RDC	RLN	21/10/16
1	PRELIMINARY ISSUE	KBB	RLN	15/07/16
0	ISSUED FOR PLANNING APPLICATION SUBMISSION	MR	AMJ	14/03/16
Rev.	Description	By	Chkd.	Date

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Client:	PARK GROVE BURLEIGH		
Project:	PARK GROVE SURGERY BARNSELY		
Title:	DRAINAGE LAYOUT		
Drawing Status:	PRELIMINARY		
Date:	FEB 2015	Drawing No.	Y379/00/01
Scale:	1:100	A1	
Drawn:	MR		
Chkd:	AMJ		
Rev.			3

ALL 100mm Ø INTERNAL FOUL RUNS ARE TO BE LAID AT A MINIMUM GRADIENT OF 1:70

ALL DRAINS TO BE 100mm Ø UNLESS NOTED OTHERWISE ON PLAN

ATTENUATION STRUCTURE DESIGNED FOR AN 'EQUIVALENT' GREENFIELD RUN-OFF OF 2.9l/s, DESIGN HEAD OF 1.195m, OUTLET DIAMETER OF 78mm AND 1 IN 100 YEAR STORM WITH 30% ADDED FOR CLIMATE CHANGE

KEY LEVELS FOR ROAD AND BUILDING REQUIRED FROM ARCHITECT.

DRAINAGE SUBJECT TO DESIGN DEVELOPMENT

ALL SS, DP, RWP, ACO'S, GULLEY'S TO HAVE RODDABLE ACCESS POINTS ABOVE GROUND FLOOR LEVEL TO M&E REQUIREMENTS

ALL DRAINS TO BE LAID LEVEL SOFFIT UNLESS NOTED OTHERWISE ON THE DRAWING

ANY RUN THAT COULD NOT BE SURVEYED AND ARE TO BE REUSED AS PART OF SCHEME, NEED TO BE TANKER JETTED AND RESURVEYED AND REPAIRED IF NECESSARY.

ALL PAVING TO BUILDINGS TO FALL AWAY FROM BUILDINGS

DRAWING BASED UPON:
• YORKSHIRE WATER SEWER MAP RESPONSE RECEIVED ON 01/02/16
• CCTV SURVEY BY MET
• GEO-ENVIRONMENTAL 12864-108-2 FEB'16