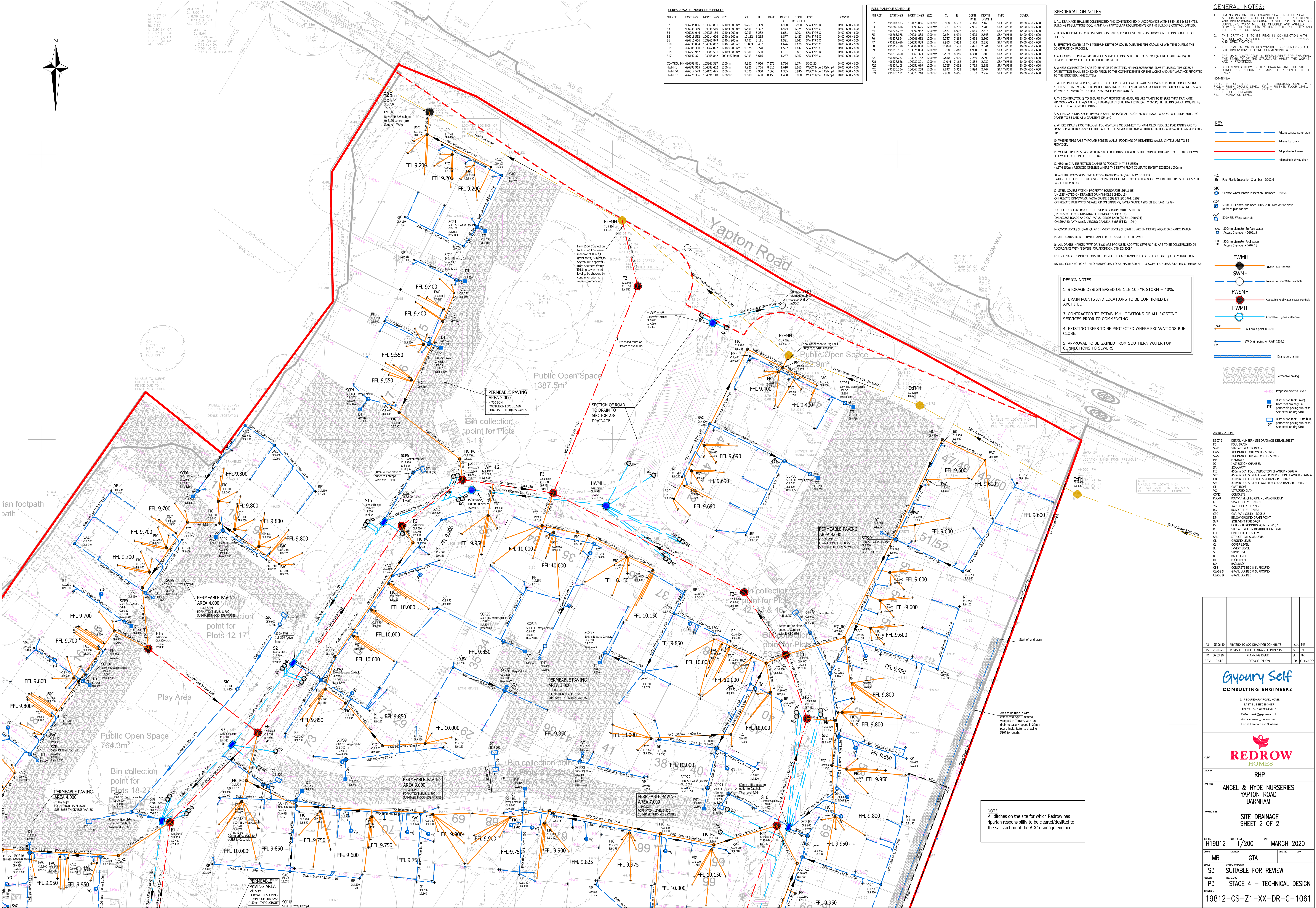




SURFACE WATER MANHOLE SCHEDULE											
MANHOLE	EASTINGS	NORTHINGS	SIZE	CL	IL	BASE	DEPTH	DEPTH	TYPE	COVER	
F2	490244.026	104060.833	1200mm	9.200	8.339	TO IL TO SOFFIT	0.861	0.861	SFA TYPE D	D400, 600 x 600	
F3	490233.319	104064.516	1200mm	9.861	8.337	1.474	1.474	1.474	SFA TYPE C	D400, 600 x 600	
F4	490221.046	104053.374	1200mm	9.833	8.282	1.651	1.651	1.651	SFA TYPE B	D400, 600 x 600	
F5	490218.552	104044.406	1200mm	10.112	8.235	1.877	1.877	1.877	SFA TYPE C	D400, 600 x 600	
F6	490210.596	104036.894	1200mm	9.792	8.111	1.681	1.681	1.681	SFA TYPE B	D400, 600 x 600	
F7	490203.884	104023.267	1200mm	10.033	8.487	1.626	1.626	1.626	SFA TYPE C	D400, 600 x 600	
F8	490200.330	103995.897	1200mm	9.825	8.228	1.597	1.597	1.597	SFA TYPE C	D400, 600 x 600	
F9	490200.347	104001.553	1200mm	9.681	8.200	1.181	1.181	1.181	SFA TYPE D	D400, 600 x 600	
F10	490202.371	103966.841	900 x 600mm	9.903	8.616	1.287	1.287	1.287	SFA TYPE C	D400, 600 x 600	
CONTROL	490208.811	103961.387	1200mm	9.300	7.956	7.576	1.274	1.274	DD0.20	D400, 600 x 600	
HWMH1	490209.025	104064.402	1200mm	9.520	8.366	8.336	1.400	1.400	WSCT Type B Catchpit	D400, 600 x 600	
HWMH2	490171.573	104102.425	1500mm	9.835	7.960	7.660	1.365	1.365	WSCT Type B Catchpit	D400, 600 x 600	
HWMH3	490275.138	104001.148	1200mm	9.588	8.668	8.158	1.430	1.430	WSCT Type B Catchpit	D400, 600 x 600	

FOUL MANHOLE SCHEDULE											
MANHOLE	EASTINGS	NORTHINGS	SIZE	CL	IL	DEPTH	DEPTH	TYPE	COVER		
F2	490244.026	104126.866	1200mm	8.850	6.332	TO IL TO SOFFIT	2.518	2.518	SFA TYPE B	D400, 600 x 600	
F3	490239.046	104060.833	1200mm	8.731	6.795	2.066	2.066	2.066	SFA TYPE B	D400, 600 x 600	
F4	490227.729	104060.832	1200mm	8.507	6.802	2.460	2.460	2.460	SFA TYPE B	D400, 600 x 600	
F5	490236.078	104048.885	1200mm	8.684	6.991	2.603	2.603	2.603	SFA TYPE B	D400, 600 x 600	
F6	490227.864	104048.882	1200mm	8.757	7.087	2.450	2.450	2.450	SFA TYPE B	D400, 600 x 600	
F7	490222.486	104032.888	1200mm	8.935	7.432	2.503	2.503	2.503	SFA TYPE B	D400, 600 x 600	
F8	490216.200	104008.030	1200mm	8.609	7.387	2.491	2.491	2.491	SFA TYPE B	D400, 600 x 600	
F9	490218.163	103971.884	1200mm	8.790	7.940	1.950	1.950	1.950	SFA TYPE B	D400, 600 x 600	
F10	490218.600	104003.324	1200mm	8.409	8.559	1.949	1.949	1.949	SFA TYPE B	D400, 600 x 600	
F11	490206.757	103971.182	1200mm	8.980	7.600	2.240	2.240	2.240	SFA TYPE B	D400, 600 x 600	
F12	490208.556	104002.321	1200mm	8.947	8.563	2.294	2.294	2.294	SFA TYPE B	D400, 600 x 600	
F13	490204.388	104018.889	1200mm	8.760	7.032	2.733	2.733	2.733	SFA TYPE B	D400, 600 x 600	
F14	490208.254	104002.320	1200mm	8.847	8.563	2.294	2.294	2.294	SFA TYPE B	D400, 600 x 600	
F15	490233.111	104017.310	1200mm	8.968	6.986	3.102	2.952	2.952	SFA TYPE B	D400, 600 x 600	

- ### SPECIFICATION NOTES
1. ALL DIMENSIONS ON THIS DRAWING SHALL NOT BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE. ALL DIMENSIONS RELATIVE TO SUB-CONTRACTOR'S OR SUPPLIER'S WORK MUST BE CHECKED AND NOTED ON THE DRAWING. DIMENSIONS TO THE SUPPLIER AND DIMENSIONS TO THE SUB-CONTRACTOR SHALL BE CHECKED AND NOTED ON THE DRAWING.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATION AND ANY ENGINEERING DRAWINGS.
 3. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SITE DIMENSIONS BEFORE COMMENCING WORK.
 4. THE MAIN CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE STRUCTURE WITHIN THE WORKS IS CONSTRUCTED TO THE SPECIFICATION.
 5. WHERE CONNECTIONS ARE TO BE MADE TO EXISTING MANHOLES/SEWERS, INVERT LEVELS, PIPE SIZES & ORIENTATION SHALL BE CHECKED PRIOR TO THE COMMENCEMENT OF THE WORKS AND ANY VARIANCE REPORTED TO THE ENGINEER IMMEDIATELY.
 6. WHERE PIPES ARE CROSS, EACH IS TO BE SURROUNDED WITH GRADE 5 HAS CONCRETE FOR A DISTANCE NOT LESS THAN 1m CENTRED ON THE CROSSING POINT. LENGTH OF SURROUND TO BE EXTENDED AS NECESSARY TO PROVIDE 150mm OF THE MOST FAVORABLE JOINTS.
 7. THE CONTRACTOR IS TO ENSURE THAT PROTECTIVE MEASURES ARE TAKEN TO ENSURE THAT DRAINAGE PIPES AND FITTINGS ARE NOT DAMAGED BY SITE TRAFFIC PRIOR TO OVERSIGHT FILLING OPERATIONS BEING COMPLETED AROUND BUILDINGS.
 8. ALL PRIVATE DRAINAGE PIPES SHALL BE PVC-U. ALL ADOPTED DRAINAGE TO BE VC. ALL UNDERGROUND DRAINAGE TO BE Laid IN A GRADIENT OF 1:80.
 9. WHERE DRAINS PASS THROUGH FOUNDATIONS OR CONNECT TO MANHOLES, FLEXIBLE PIPE JOINTS ARE TO PROVIDED WITHIN 150mm OF THE FACE OF THE STRUCTURE AND WITHIN A FURTHER 600mm TO FORM A ROCKER PIPE.
 10. WHERE PIPES PASS THROUGH SCREEN WALLS, FOOTINGS OR RETAINING WALLS, UNITS ARE TO BE PROVIDED.
 11. WHERE PIPES PASS WITHIN 1m OF BUILDINGS OR WALLS THE FOUNDATIONS ARE TO BE TAKEN DOWN BEYOND THE BOTTOM OF THE TRENCH.
 12. 450mm DIA. INSPECTION CHAMBERS (FIC/SIC) MAY BE USED:
 - WITH 300mm REDUCED OPENING WHERE THE DEPTH FROM COVER TO INVERT EXCEEDS 1000mm.
 13. STEEL COVERS WITHIN PROPERTY BOUNDARIES SHALL BE:
 - UNLESS NOTED ON DRAWING OR MANHOLE SCHEDULES
 - ON PRIVATE DRIVEWAYS: FACTA GRADE B (BS EN ISO 14691)
 - ON PRIVATE PATHWAYS, VERGES OR ON GARDENS: FACTA GRADE A (BS EN ISO 14691)
 14. COVER LEVELS SHOWN 'CL' AND INVERT LEVELS SHOWN 'IL' ARE IN METRES ABOVE ORDNANCE DATUM.
 15. ALL DRAINS TO BE 100mm DIAMETER UNLESS NOTED OTHERWISE.
 16. ALL DRAINS MARKED 'FWS' OR 'SWS' ARE PROVIDED ADOPTED SEWERS AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH SEWERS FOR ADOPTION, 7TH EDITION.
 17. DRAINAGE CONNECTIONS NOT DIRECT TO A CHAMBER TO BE VIA AN ORIGIN 45° JUNCTION.
 18. ALL CONNECTIONS INTO MANHOLES TO BE MADE SOFFIT TO SOFFIT UNLESS STATED OTHERWISE.

GENERAL NOTES:

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KEY

- Private surface water drain
- Private foul drain
- Adoptable foul sewer
- Adoptable highway drain

LEGEND

- FIC - Foul Plastic Inspection Chamber - D202.6
- SIC - Surface Water Plastic Inspection Chamber - D202.6
- SC - 500mm SEL Control chamber SLE5000005 with orifice plate. Refer to plan for size.
- SC - 500mm SEL Wisp catchpit
- SAC - 300mm diameter Surface Water Access Chamber - D202.18
- FAC - 300mm diameter Foul Water Access Chamber - D202.18
- FWMH - Private Foul Manhole
- SWMH - Private Surface Water Manhole
- FWSMH - Adoptable Foul Water Sewer Manhole
- HWMH - Adoptable Highway Manhole
- SWS - Foul drain point D202.0
- SWS - SW Drain point for RWP D202.5
- Drainage channel
- Permeable paving
- Proposed external levels
- Distribution tank (not from drainage in permeable paving sub-base. See detail on org 3101)
- Distribution tank (located in permeable paving sub-base. See detail on org 3101)

ABBREVIATIONS

SYMBOL	DESCRIPTION
DD00.0	FOUL DRAIN
SD	SURFACE WATER DRAIN
FWS	ADOPTABLE FOUL WATER SEWER
SWS	ADOPTABLE SURFACE WATER SEWER
HW	MANHOLE
IC	INSPECTION CHAMBER
SC	500mm SEL
FIC	450mm DIA Foul INSPECTION CHAMBER - D202.6
SIC	450mm DIA Surface Water INSPECTION CHAMBER - D202.6
CL	CAST IRON
VC	VITRIFIED CLAY
CONC	CONCRETE
PCVC-U	POLYPROPYLENE UNPLASTICISED
VC	YARD GULLY - D209.9
YG	YARD GULLY - D209.1
RG	ROAD GULLY - D209.1
CP	CAR PARK GULLY - D209.2
SG	SOIL VENT PIPE DROP
RP	EXTERNAL RAINWATER POINT - D203.1
DT	DRAINAGE DISTRIBUTION TANK
FL	FINISHED FLOOR LEVEL
SL	STRUCTURAL SLAB LEVEL
CL	COVER LEVEL
IL	INVERT LEVEL
SL	SUMP LEVEL
HL	BASE LEVEL
HL	HIGH LEVEL
BS	BACKSTOP
CS	CONCRETE BED & SURROUND
GB	GRANULAR BED & SURROUND
CL	CLASS 5
CL	CLASS 9
CL	CLASS 9

Gynergy Self
CONSULTING ENGINEERS

16177 BOUNDARY ROAD, HAYES
EAST SUSSEX BN1 4EF
TELEPHONE 01293 414143
E-MAIL: info@gynergyself.co.uk
Website: www.gynergyself.co.uk
Also at: 4 Farnham and St Albans

REDROW HOMES

RHP

ANGEL & HYDE NURSERIES
YAPTON ROAD
BARNHAM

SITE DRAINAGE SHEET 2 OF 2

DATE: 1/2002
BY: MARCH 2020

MR: CTA
S3: SUITABLE FOR REVIEW
P3: STAGE 4 - TECHNICAL DESIGN

19812-GS-Z1-XX-DR-C-1061