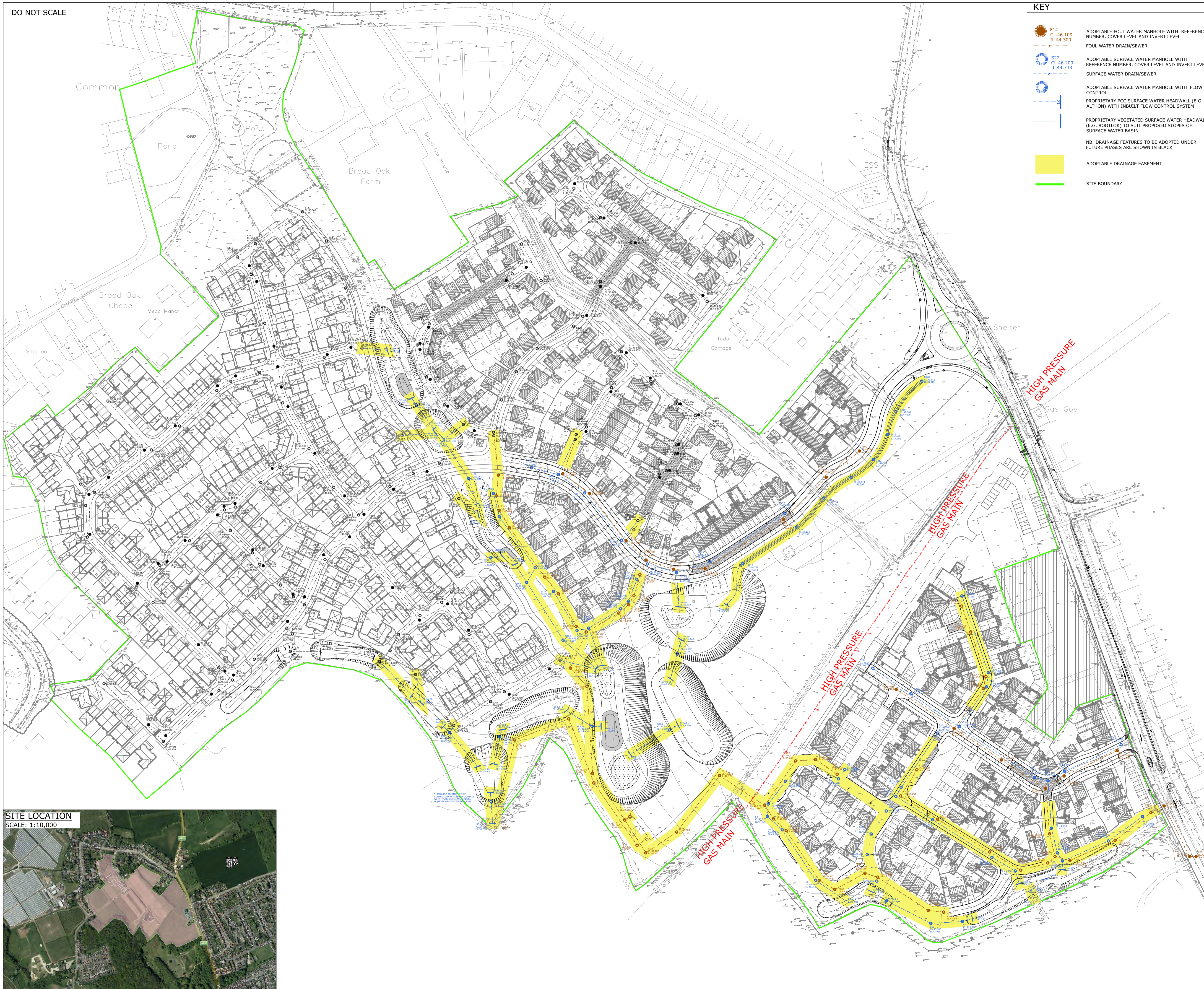


DO NOT SCALE



KEY

- F14 CL.46.109 IL.44.300
ADOPTABLE FOUL WATER MANHOLE WITH REFERENCE NUMBER, COVER LEVEL AND INVERT LEVEL
- S22 CL.45.200 IL.44.733
ADOPTABLE SURFACE WATER MANHOLE WITH REFERENCE NUMBER, COVER LEVEL AND INVERT LEVEL
- ADOPTABLE SURFACE WATER MANHOLE WITH FLOW CONTROL
- PROPRIETARY PCC SURFACE WATER HEADWALL (E.G. ALTHON) WITH INBUILT FLOW CONTROL SYSTEM
- PROPRIETARY VEGETATED SURFACE WATER HEADWALL (E.G. ROOTLOK) TO SUIT PROPOSED SLOPES OF SURFACE WATER BASIN
- ADOPTABLE DRAINAGE EASEMENT
- SITE BOUNDARY

NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SUB-CONTRACTORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO RJD FOR CLARIFICATION.
4. SURVEY UNDERTAKEN BY J.C. WHITE GEOMATICS LIMITED, REFERENCED 17/00/043, DATED SEPTEMBER 2017 AND UPDATED APRIL 2021.
5. BASED UPON ARCHITECTURAL LAYOUT UNDERTAKEN BY THE NOBLE CONSULTANCY.
6. THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUE AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
7. ALL ROAD MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2016.
8. ALL ADOPTABLE HIGHWAY WORKS ARE TO BE TO THE FULL REQUIREMENTS AND SATISFACTION OF KENT COUNTY COUNCIL AND ARE SUBJECT TO AGREEMENT BY KENT COUNTY COUNCIL.
9. ALL ADOPTABLE DRAINAGE WORKS ARE SUBJECT TO AGREEMENT BY ICOSA WATER AND ARE TO BE IN ACCORDANCE WITH OFWAT'S SEWERAGE SECTOR GUIDANCE, DESIGN AND CONSTRUCTION GUIDE MARCH 2020 AND ANY ICOSA WATER DELETION/ADDITIONS THEREOF.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES, EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
11. BACKFILL TO TRENCHES OF PRIVATE DRAINAGE WHERE NOT FORMED WITH PERFORATED PIPES MAY BE SUITABLE EXCAVATED MATERIAL IN LANDSCAPED AREAS. TYPE 1 GRANULAR MATERIAL TO BE USED UNDER HARD STANDINGS AND ROADS.
12. ADOPTABLE MANHOLE COVERS WITHIN BLOCK PAVED AREAS SHALL NOT BE RECESSED.
13. ALL EXTERNAL AREAS TO BE DRAINED BY TRAPPED GULLIES.
14. MANHOLE COVER LEVELS SHOWN ON THE DRAWING ARE APPROXIMATE. EXACT LEVEL TO BE DETERMINED ON SITE TO SUIT ADJACENT FINISHED GROUND LEVELS.
15. WHERE PIPES CROSS WITH LESS THAN 300mm BETWEEN SOFFIT AND INVERT, PIPES SHALL BE SURROUNDED IN 150mm THICK GEN3 CONCRETE.
16. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING THE EXISTING OUTFALL INVERT LEVELS AT THE POINT OF CONNECTION FOR ALL DRAINAGE PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE CONSTRUCTION.
17. ALL PIPEWORK CONNECTING TO THE ADOPTABLE MANHOLES OR SEWERS, ARE TO BE 100mm MINIMUM DIAMETER VITRIFIED CLAY AND LAID TO CONNECT WITH LEVEL SOFFITS UNLESS NOTED OTHERWISE.
18. SETTING OUT FOR BASINS TO BE PROVIDED IN THE FORM OF CAD FILES

NOTE: THIS DRAWING SHOWS PROPOSED FOUL AND SURFACE WATER DRAINAGE FOR PHASE 1 AND FUTURE PHASES. REFER TO DRAWING H8399/CIV/-BDW/4190 FOR EXTENT OF PROPOSED DRAINAGE TO BE CONSTRUCTED IN PHASE 1

REV	DATE	DESCRIPTION	DRAWN	CHKD

REVISIONS
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Project
**BROAD OAK FARM
STURRY
CANTERBURY**

Title
**SECTION 104 LAYOUT - EXTENT
OF DRAINAGE ADOPTION (FULL
SITE LAYOUT)**

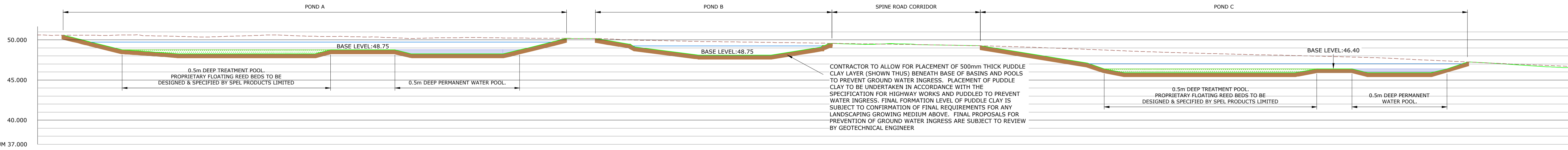
Client
 DAVID WILSON HOMES
WHERE QUALITY LIVES

847 The Crescent, Colchester, Essex CO4 9YQ Tel: 01206 228800
Unit 06CL10, 6th Floor, 1 St. Katherine's Way, London, E1W 1UN Tel: 020 7448 9910
5 Quern House, Mill Court, Great Shelford, Cambs CB22 5LD Tel: 01223 314794
4 The Old Church, St. Matthews Road, Norwich, Norfolk NR1 1SP Tel: 01603 230240
The Wheelhouse, Bonds Mill, Stonehouse, Gloucestershire GL10 3RF Tel: 01172 020070
Email Address: mail@rj.uk.com Website: http://www.rj.uk.com

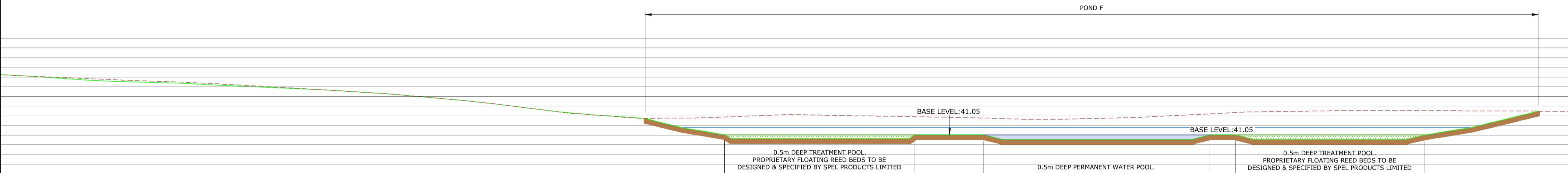
Scale	1:2000 @ A1	Drawn	KRT	Date	JULY 2021
Project Manager	K. TOSH	Checked	JTT	Approved	KRT
Status	D2	Suitability Description	FOR TENDER	RJL Project No :	61109
project code	H8398	discipline	CIV	phase	-
client	BDW	number	4139	revision	



DO NOT SCALE



CHAINAGE	0.000	3.174	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	
PROPOSED GROUND LEVEL	50.586	48.875	48.250	48.250	48.250	48.750	48.250	48.770	50.056	48.369	48.100	49.520	49.268	47.750	43.458	45.900	45.900	46.400	45.900	45.900	47.147	46.535
EXISTING GROUND LEVEL	50.592	50.592	50.352	50.596	50.372	50.250	50.218	50.151	49.847	49.690	49.541	49.395	49.183	48.830	48.457	48.176	47.946	47.603	47.140	46.705	46.705	46.705



CHAINAGE	180.000	190.000	200.000	210.000	220.000	230.000	240.000	250.000	260.000	270.000	280.000	290.000	300.000	310.000	320.000	330.000	336.373	340.000
PROPOSED GROUND LEVEL	47.147	46.535	46.177	45.725	45.077	44.081	43.038	41.479	39.650	39.650	40.846	40.530	40.550	40.550	40.550	41.917	43.481	43.481
EXISTING GROUND LEVEL	47.140	46.705	46.313	45.751	45.081	44.086	43.016	42.789	43.114	42.944	42.751	42.715	43.078	43.442	43.527	43.506	43.481	43.481

REV	DATE	DESCRIPTION	DRAWN	CHKD

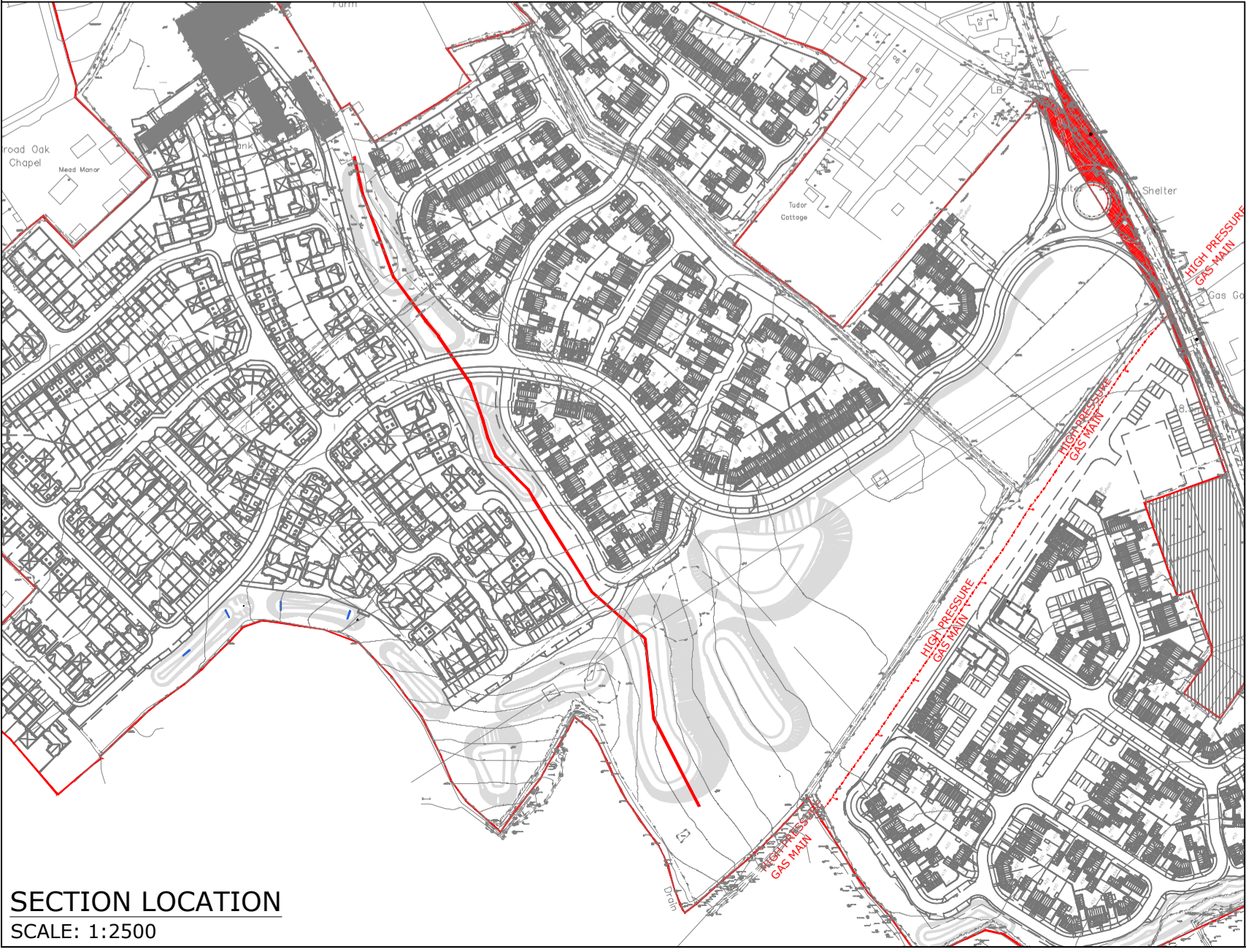
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Project
BROAD OAK FARM
STURRY
CANTERBURY

Title
SECTIONS THROUGH SURFACE
WATER ATTENUATION PONDS

Client
 **DAVID WILSON HOMES**
 WHERE QUALITY LIVES



SECTION LOCATION
 SCALE: 1:2500

KEY	
	PROPOSED FINISHED GROUND PROFILE
	EXISTING GROUND PROFILE
	DESIGN WATER LEVEL FOR 1:100 YEAR + 40% DESIGN RAINFALL EVENT
	0.5M DEEP TREATMENT AREA WITHIN SURFACE WATER BASIN WITH FLOATING REED BEDS SUBJECT TO SPECIALIST DESIGN (SPEL GROUP)
	0.5M DEEP PERMANENT WATER AREA WITHIN SURFACE WATER BASIN
	0.5M THICK PUDDLE CLAY TO RESIST GROUND WATER INGRESS

Richard Jackson
 Engineering Consultants

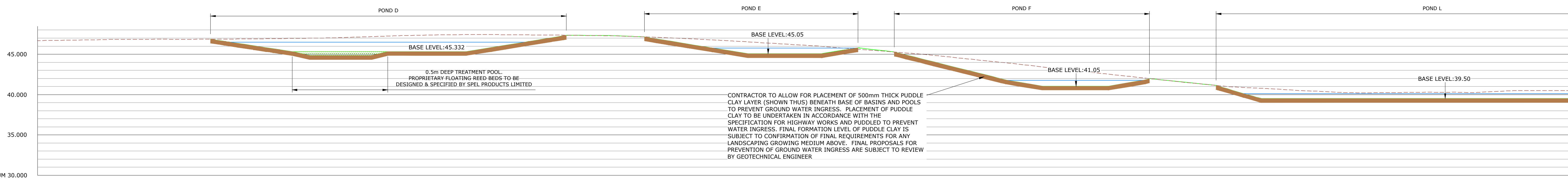
847 The Crescent, Colchester, Essex CO4 9YQ
 Unit 06C130, 6th Floor, 1 St. Katharine's Way, London, E1W 1UN
 5 Quern House, Mill Court, Great Shelford, Cambs CB22 5LD
 4 The Old Church, St. Matthews Road, Norwich, Norfolk NR1 1SP
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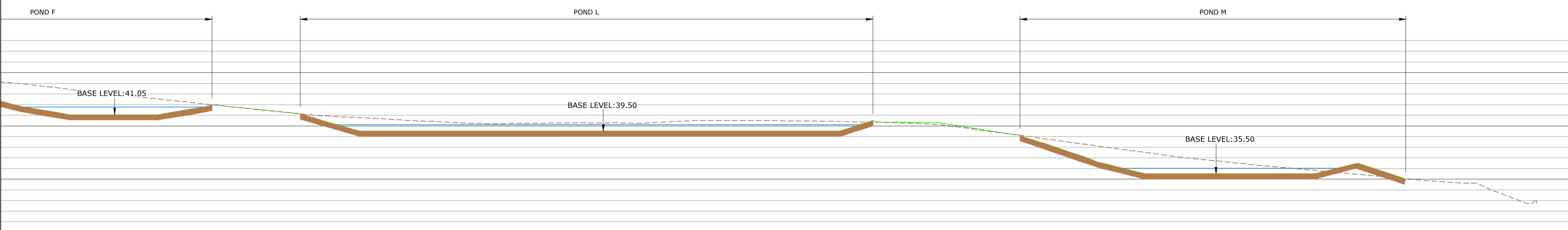
Email Address: mail@rj.uk.com Website: http://www.rj.uk.com

Scale	Drawn	Date			
1:500 @ A1	KRT	JULY 2021			
Project Manager	Checked	Approved			
K. TOSH	JTT	KRT			
Status	Suitability Description	RJL Project No :			
D2	FOR TENDER	61109			
project code	discipline	phase	client	number	revision
H8398	CIV	X	BDW	4180	

DO NOT SCALE



CHAINAGE	0.000	4.627	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	
PROPOSED GROUND LEVEL		47.053	47.150	46.907	45.576	44.832	45.332	46.413	47.310	46.398	45.050	45.474	44.390	41.890	41.050	41.798	40.073	39.500				
EXISTING GROUND LEVEL	46.671		46.849	46.862	46.941	47.136	47.403	47.412	47.303	46.969	46.429	45.774	45.000	43.967	42.858	41.788	40.871	40.368	39.500	39.500	40.324	40.485



	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	210.000	220.000	230.000	240.000	250.000	260.000	262.579	266.462
	41.890	41.050	41.798	40.073	39.500	39.500	39.500	39.500	40.430	39.724	37.128	35.500	35.500	35.045	33.351	32.991	
	43.967	42.858	41.788	40.871	40.368	40.269	40.324	40.485	40.352	39.653	38.294	36.964	35.982	35.045	33.351	32.991	

REV	DATE	DESCRIPTION	DRAWN	CHKD

REVISIONS
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Project
**BROAD OAK FARM
STURRY
CANTERBURY**

Title
**SECTIONS THROUGH SURFACE
WATER ATTENUATION PONDS**

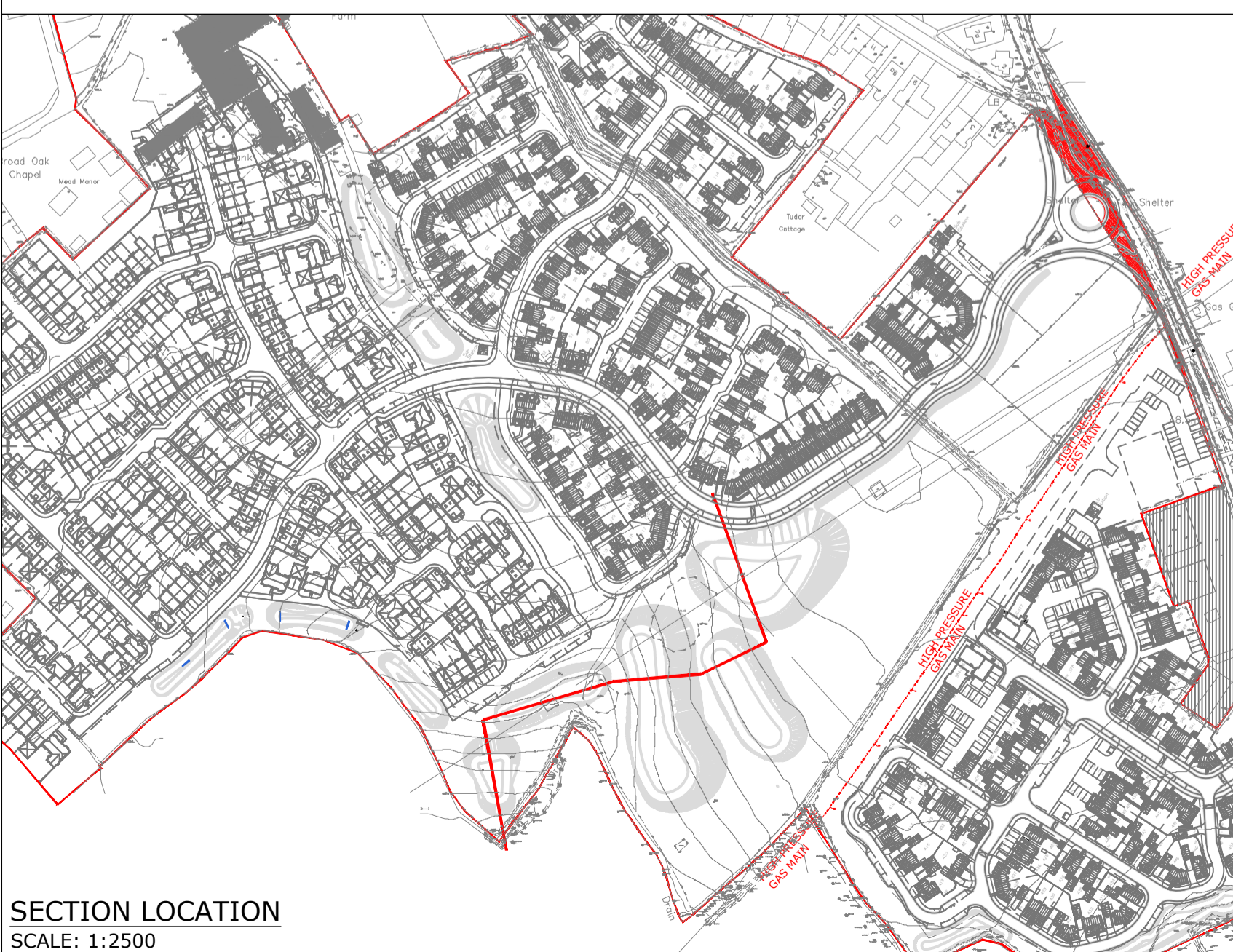
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Scale	Drawn	Date			
1:500 @ A1	KRT	JULY 2021			
Project Manager	Checked	Approved			
K. TOSH	JTT	KRT			
Status	Suitability Description	RJL Project No :			
D2	FOR TENDER	61109			
project code	discipline	phase	client	number	revision
H8398	CIV	X	BDW	4181	



SECTION LOCATION
SCALE: 1:2500

KEY	
	PROPOSED FINISHED GROUND PROFILE
	EXISTING GROUND PROFILE
	DESIGN WATER LEVEL FOR 1:100 YEAR + 40% DESIGN RAINFALL EVENT
	0.5M DEEP TREATMENT AREA WITHIN SURFACE WATER BASIN WITH FLOATING REED BEDS SUBJECT TO SPECIALIST DESIGN (SPEL GROUP)
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