

DO NOT SCALE

HIGHWAY GRASS VERGES ARE TO BE LEFT IN A MAINTAINABLE CONDITION WITH NO DEBRIS OR STONES LEFT ON THE GRASS SURFACE AND TURF TO BE ESTABLISHED

SHEET LAYOUT  
SCALE: 1:5000

**KEY**

	ADOPTABLE FOUL WATER MANHOLE WITH REFERENCE NUMBER, COVER LEVEL AND INVERT LEVEL
	FOUL WATER DRAIN/SEWER
	ADOPTABLE SURFACE WATER MANHOLE WITH REFERENCE NUMBER, COVER LEVEL AND INVERT LEVEL
	SURFACE WATER DRAIN/SEWER
	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
	ROAD GULLY (150mmØ PIPEWORK)
	ADOPTABLE STREET LIGHTING IN ACCORDANCE WITH WLC DETAILS AND CALCULATIONS
	FENCING TO PERIMETER OF BASINS (REFER TO LANDSCAPING DRAWINGS FOR DETAILS)
	DENOTES 2.4m x 25m VISIBILITY SPLAY

**NOTES**

- DO NOT SCALE FROM THIS DRAWING.
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
- 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 R/J/D FOR CLARIFICATION.
- SURVEY UNDERTAKEN BY J.C. WHITE GEOMATICS LIMITED, REFERENCED 17/00/043, DATED SEPTEMBER 2017 AND UPDATED APRIL 2021.
- BASED UPON ARCHITECTURAL LAYOUT UNDERTAKEN BY THE NOBLE CONSULTANCY.
- 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.
- ALL ROAD MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2016.
- 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.
- ALL ADOPTABLE DRAINAGE WORKS ARE SUBJECT TO AGREEMENT BY ICOSA WATER AND ARE TO BE IN ACCORDANCE WITH OPWAT'S SEWERAGE SECTOR GUIDANCE, DESIGN AND CONSTRUCTION GUIDE MARCH 2020 AND ANY ICOSA WATER DELETION/ADDITIONS THEREOF.
- 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.
- 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.
- ADOPTABLE MANHOLE COVERS WITHIN BLOCK PAVED AREAS SHALL NOT BE RECESSED.
- ALL EXTERNAL AREAS TO BE DRAINED BY TRAPPED GULLIES.
- MANHOLE COVER LEVELS SHOWN ON THE DRAWING ARE APPROXIMATE. EXACT LEVEL TO BE DETERMINED ON SITE TO SUIT ADJACENT FINISHED GROUND LEVELS.
- WHERE PIPES CROSS WITH LESS THAN 300mm OVER SOFFIT AND INVERT, PIPES SHALL BE SURROUNDED IN 150mm THICK GEN3 CONCRETE.
- 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.
- 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.
- SETTING OUT FOR BASINS TO BE PROVIDED IN THE FORM OF CAD FILES.
- WHERE NECESSARY THE CONTRACTOR SHALL LAY SPURS FROM MANHOLES TO SUIT FUTURE PHASES TO AVOID THE NEED TO BREAK INTO CHAMBERS DURING FUTURE CONSTRUCTION. SPURS TO BE CAPPED.

CONTRACTOR TO ENSURE THEY REFER TO THE ARBORICULTURAL IMPACT ASSESSMENT AND THE ARBORICULTURAL METHOD STATEMENT PREPARED BY LLOYD BORE LTD PRIOR TO UNDERTAKING ANY CONSTRUCTION WORKS TO ENSURE THAT THEY CO-ORDINATE WITH THE ARBORICULTURIST FOR ANY SUPERVISION THAT THEY MAY NEED TO PROVIDE DURING THE WORKS

ALL CHAMBER COVERS AND GULLY GRATINGS WITHIN THE CARRIAGEWAY SHALL ACCORD WITH THE REQUIREMENTS OF CD534 AND ACHIEVE THE REQUIRED SKID RESISTANCE

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
F	17.02.22	ROAD WIDTHS SHOWN, CROSSOVER AMENDED TO JUNCTION, BASIN DETAIL AMENDED	JJT	KRT
E	06.01.22	AMENDED TO KCC S38 COMMENTS, RAISED TABLE INCORPORATED TO RD1-3+5 JUNCTION, PARKING BAY LAYOUT REVISED	JJT	KRT
D	02.12.21	NOTES REINSTATED	JJT	KRT
C	19.10.21	TO ALLOW REVISION B CHANGES TO BE UPLOADED TO CONJECT	KRT	KRT
B	13.10.21	FENCING ADDED TO BASIN PERIMETERS AND S204A TO S204C INVERTS AMENDED TO SUIT SECTION 278 WORKS	KRT	JJT
A	24.09.21	OVERALL REVIEW AND REVISIONS TO SUIT CLIENT DISCUSSIONS	KRT	KRT

REVISIONS  
This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project  
**BROAD OAK FARM  
STURRY  
CANTERBURY**

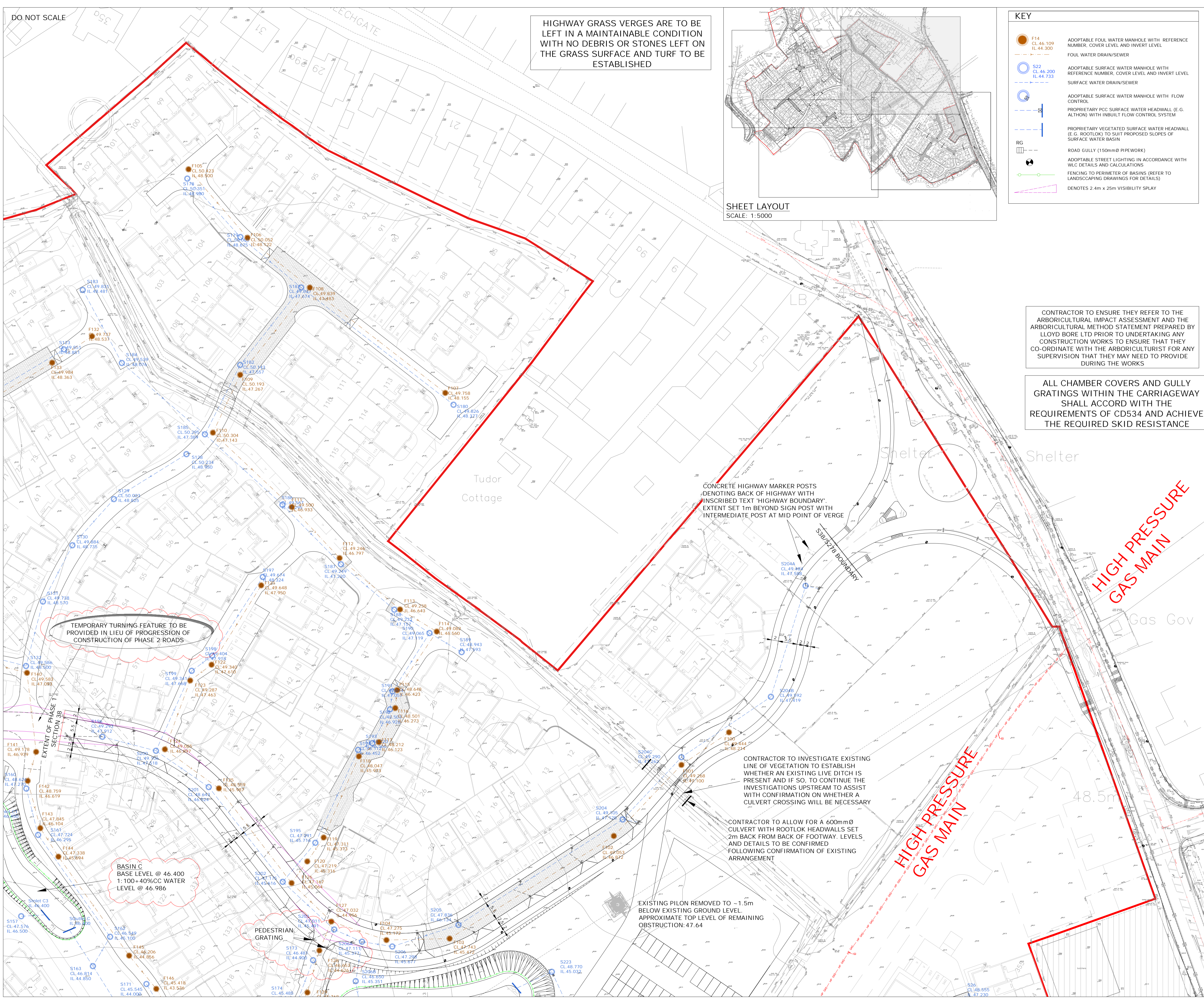
Title  
**HIGHWAY AND DRAINAGE  
GENERAL ARRANGEMENT**

Client  
  
**DAVID WILSON HOMES**  
WHERE QUALITY LIVES

**Richard Jackson  
Engineering Consultants**

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Scale 1:500 @ A1	Drawn KRT	Date JULY 2021
Project Manager K. TOSH	Checked JJT	Approved KRT
Status D2	Suitability Description FOR TENDER	RJL Project No : 61109
project code H8398	discipline CIV	phase -
	client BDW	number 4101
		revision F



CONCRETE HIGHWAY MARKER POSTS DENOTING BACK OF HIGHWAY BOUNDARY 'INSCRIBED TEXT 'HIGHWAY BOUNDARY'. EXTENT SET 1m BEYOND SIGN POST WITH INTERMEDIATE POST AT MID POINT OF VERGE

TEMPORARY TURNING FEATURE TO BE PROVIDED IN LIEU OF PROGRESSION OF CONSTRUCTION OF PHASE 2 ROADS

EXTENT OF PHASE 1 SECTION 38

BASIN C  
BASE LEVEL @ 46.400  
1:100+40%CC WATER  
LEVEL @ 46.986

PEDESTRIAN GRATING

EXISTING Pylon REMOVED TO ~1.5m BELOW EXISTING GROUND LEVEL. APPROXIMATE TOP LEVEL OF REMAINING OBSTRUCTION: 47.64

CONTRACTOR TO INVESTIGATE EXISTING LINE OF VEGETATION TO ESTABLISH WHETHER AN EXISTING LIVE DITCH IS PRESENT AND IF SO, TO CONTINUE THE INVESTIGATIONS UPSTREAM TO ASSIST WITH CONFIRMATION ON WHETHER A CULVERT CROSSING WILL BE NECESSARY

CONTRACTOR TO ALLOW FOR A 600mmØ CULVERT WITH ROOTLOK HEADWALLS SET 2m BACK FROM BACK OF FOOTWAY. LEVELS AND DETAILS TO BE CONFIRMED FOLLOWING CONFIRMATION OF EXISTING ARRANGEMENT

HIGH PRESSURE GAS MAIN

HIGH PRESSURE GAS MAIN

48.5m