



KEY

- F14 CL146-109 IL146-209: ADAPTABLE FOUL WATER MANHOLE WITH REFERENCE NUMBER, COVER LEVEL AND INVERT LEVEL
- S22 CL146-200 IL146-733: FOUL WATER DRAIN/SEWER WITH PIPE CODE, SIZE AND GRADIENT
- S22 CL146-200 IL146-733: ADAPTABLE SURFACE WATER MANHOLE WITH REFERENCE NUMBER, COVER LEVEL AND INVERT LEVEL
- S22 CL146-200 IL146-733: SURFACE WATER DRAIN/SEWER WITH PIPE CODE, SIZE AND GRADIENT
- S22 CL146-200 IL146-733: ADAPTABLE SURFACE WATER MANHOLE WITH FLOW CONTROL
- Proprietary vegetated surface water headwall (e.g. footings) to suit proposed slopes of surface water basin
- ADAPTABLE DRAINAGE EASEMENT AND DIMENSIONS. NB. EASEMENTS ARE 3m FROM PIPE CENTRELINE UNLESS DIMENSIONED OTHERWISE.
- SITE BOUNDARY

- 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 TO GET CLARIFICATION.
 - SURVEY UNDERTAKEN BY J.C. WHITE GEOMATICS LIMITED, REFERENCED 1700/043, 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 ADAPTABLE 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 ADAPTABLE DRAINAGE WORKS ARE SUBJECT TO AGREEMENT BY KOSCA WATER AND ARE TO BE IN ACCORDANCE WITH CPWAT'S SEWERAGE SECTOR GUIDANCE, DESIGN AND CONSTRUCTION GUIDE MARCH 2020 AND ANY KOSCA 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 LANS AND CONSTRUCTION PLANT.
 - BACKFILL TO TRENCHES OF PRIVATE DRAINAGE WHERE NOT FORMED WITH REINFORCED PIPES MAY BE SUITABLE GRANULAR MATERIAL. IN LANDSCAPED AREAS, TYPE 1 GRANULAR MATERIAL, TO BE USED UNDER HARD STANDINGS AND ROADS.
 - ADAPTABLE 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 GRAOUND LEVELS.
 - WHERE PIPES CROSS WITH LESS THAN 300mm BETWEEN SUFFIT AND INVERT, PIPES SHALL BE SURROUNDED IN 150mm THICK GRN3 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 RIVERFOW CONNECTING TO THE ADAPTABLE MANHOLES OR SEWERS, ARE TO BE 100mm MINIMUM DIAMETER VITRIFIED CLAY AND LAID TO CONNECT WITH LEVEL SPOFFITS UNLESS NOTED OTHERWISE.
 - SETTING OUT FOR BASINS TO BE PROVIDED IN THE FORM OF CAD FILES.
 - WHERE NECESSARY THE CONTRACTOR SHALL LAY SPIRS FROM MANHOLES TO SUIT FUTURE PHASES TO AVOID THE NEED TO BREAK INTO CHAMBER DURING FUTURE CONSTRUCTION. SPIRS TO BE CAPPED.

REV	DATE	DESCRIPTION	DRAWN	CHECKED
J	07.06.21	DESIGN TO SUIT REDESIGN OF PHASE 3 DESIGN. FOUL WATER OF BASIN AMENDED WHERE CLASHES.	JJT	KRT
H	09.05.21	BASINS & R REVISOR TO SUIT LOCALITY REQUIREMENTS. FACE AND SLOPES OVER FLOOD AND ROAD MARK FROM PTP SHOWN FOR ADOPTION. BASIN LEVEL CONTROLLED BY PTP BUT EXCLUDED FROM ADOPTION REGARDING FUTURE DISCUSSION.	KRT	KRT
G	01.04.21	REWORKED PIPE MANHOLES. FOUL WATER AMENDED TO RECONNECT UNITS TO PTP.	JJT	KRT
F	17.03.21	CHANGES TO SUIT AMENDMENTS TO ROAD 5.	JJT	KRT
E	04.03.21	15 & PIPE L100 REMOVED.	JJT	KRT
D	30.02.21	INVERTS & GRADIENTS AMENDED REFER TO 1435-1438 FOR LOCATIONS.	S.S	JJT
C	18.02.21	GENERAL UPDATE TO SUIT SCHEME PROGRESSION AND REWORKING TO SUIT APPLICANT NEUTRALITY DESIGN REQUIREMENTS.	KRT	JJT
B	15.01.21	SDMA - SDMC REVISOR TO SUIT SECTION 27B REVISIONS. CLASHES P12 REVISOR TO SUIT REVISED PTP BOUNDARY AND 5145, 5146, 5147, 5148, 5149 ADDED TO PROPOSED STREET FOR P12 & C6 REVISOR.	KRT	JJT
A	24.09.21	CUSTOMER REVIEW AND REVISIONS TO SUIT CLIENT DISCUSSIONS AND TO SUIT COMMENTS FROM KOSCA WATER.	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 referred to the Engineer immediately.

Project
BROAD OAK FARM
STURRY
CANTERBURY

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

Client

DAVID WILSON HOMES
 WHERE QUALITY LIVES

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Scale
 1:2000 @ A1

Project Manager
 K. TOSH

Status
D2 FOR TENDER

Date
 JULY 2021

Checked
 JJT

Approved
 KRT

R/J Project No:
61109

Project Code	Discipline	Phase	Item	Number	Revision
H8398	CIV	-	BDW	4139	Q



Q	12.05.23	SMALL CR & S/S3 REWORKED & GULLY RELOCATED WHITE CLASHED.	SLS	KRT
P	06.05.23	SEWER ADDED, PIPE RUN TO PIPE NUMBERS AMENDED.	SLS	JJT
H	06.04.23	BASINS & R AND INCREASED IN SIZE TO ACCOMMODATE CHANGES TO DESIGN WATER FLOW CONTROL FOR SOUTH-EAST NETWORK.	KRT	KRT
H	16.03.23	REVISIONS TO SUIT UTILITY COORDINATION, BATHROOMS FOLLOW AREA 15 REVISED. DRAINAGE MOVING THROUGH COURTYN P12, P14, P16, P18, 20, 21, 22, 23 & 24 REMOVED. LEVEL OF S468 CORRECTED.	KRT	JJT
L	08.11.21	RISING MAIN ROUTE & INLET TO BASIN AMENDED FOR P12 ADDED 2008 CLASHED.	SLS	JJT
H	30.06.21	F109 & F101 & ASSOCIATED PIPES AMENDED.	SLS	JJT