

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**

- F14 CL-46.100 IL-41.300  
FOUL WATER DRAIN/SEWER
- S14 CL-46.200 IL-44.730  
ADAPTABLE SURFACE WATER MANHOLE WITH REFERENCE NUMBER, COVER LEVEL AND INVERT LEVEL
- S15 CL-46.200 IL-44.730  
ADAPTABLE SURFACE WATER MANHOLE WITH FLOW CONTROL
- PROPRIETARY PVC SURFACE WATER HEADWALL (E.G. ALTHON) WITH INBUILT FLOW CONTROL SYSTEM
- PROPRIETARY VEGETATED SURFACE WATER HEADWALL (E.G. ROOTO) TO SUIT PROPOSED SLOPES OF SURFACE WATER BASIN
- ROAD GULLY (150mmØ PIPEWORK) - AS STANDARD
- ROAD GULLY WITH ACC WILLIAMS KEEP LOCATED CENTRALLY BEHIND
- ROAD GULLY - GULLY POT OFFSET 50mm FROM KERBLINE
- DISTRIBUTOR UNIT SEE ENVIRONMENTAL PWD01501 (150mmØ PIPEWORK)
- ACC SHALE TRIFT (OR SIMILAR APPROVED)
- ADAPTABLE STREET LIGHTING IN ACCORDANCE WITH WLT DETAILS AND CALCULATIONS
- APPOINTING TO PERIMETER OF BASINS (REFER TO LANDSCAPING DRAWINGS FOR DETAILS)
- 2.4m x 2.5m VISIBILITY SPLAY
- DENOTES LEVEL CONTROL CHAMBER FOR SURFACE WATER BASINS. REFER TO D202
- H5305-CD-400-4200 FOR DETAILS, UPSTREAM MAINFOLD WITHIN BASINS TO BE PROVIDED BY BIOMATRIX AS PART OF BASIN PLANTING WORKS
- DENOTES EXTENT OF GROUPEE VERGING WITH OFFSET GULLY POTS TO ECOLOGY MITIGATION
- DENOTES EXTENT OF INTERMITTENT FLUSHED GROUPEE VERGING FOR ECOLOGY MITIGATION
- DENOTES EXTENT OF FLUSH VERGING TO TOP OF PAVED TABLE FOR ECOLOGY MITIGATION
- DENOTES PUBLIC RIGHT OF WAY DESIGNATED CB73

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

#	REV	DATE	DESCRIPTION	DRAWN	CHKD
1		06-10-23	REVISED TO FIT ADJUSTMENTS TO FLOT 127	CB	KRT
2		05-03-23	NEW MANHOLE S160A ADDED TO ROAD 11	SLS	JJT
3		13-03-23	REG. OFFSET GULLY, CHANGED TO REG. GULLY WITH FLOOR LEVEL VERGING CLOSED, 50 W/PE LENGTH REMOVED (RHS 120)	LSJ	JJT
4		01-03-23	MANHOLES F113, F117 & F14 REMOVED, F116 & F14 RELOCATED (REFERENCED)	KRT	JJT

- 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/JLT FOR CLARIFICATION.
  - SURVEY UNDERTAKEN BY J.C. WHITE GEOMATICS LIMITED, REFERENCED 17/000/18, 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 TRUING AND PROPER SETTING OUT OF THE WORK 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 JCOSSA WATER AND ARE TO BE IN ACCORDANCE WITH OPWATS SEWERAGE SYSTEM GUIDANCE, DESIGN AND CONSTRUCTION GUIDE MARCH 2009 AND ANY JCOSSA 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 WORKS, VERIFY ALL WITH PERSONNEL FROM THE LOCAL AUTHORITY. EXCAVATED MATERIAL IN LANDSCAPED AREAS, THE 1 GAUSTRAN 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 LEVELS TO BE DETERMINED ON SITE TO SUIT ADJACENT FINISHED GROUND LEVELS.
  - WHERE PIPES CROSS WITH LESS THAN 300mm BETWEEN SPANS AND INVERT, PIPES SHALL BE SURROUNDED IN 150mm THICK GCS CONCRETE.
  - THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING THE EXISTING GROUND INVERT LEVELS AND THE POINT OF CONNECTION FOR ALL DRAINAGE PRIOR TO THE COMMENCEMENT OF ANY DRAINAGE CONSTRUCTION.
  - ALL PIPEWORK CONNECTING TO THE ADAPTABLE MANHOLES OR SEWERS, ARE TO BE 100mm MINIMUM DIAMETER VITRIFIED CLAY AND LAID TO CONFORM WITH LEVEL OFFSETS UNLESS NOTED OTHERWISE.
  - SETTING OUT FOR BASINS TO BE PROVIDED IN THE FORM OF CAD FILES
  - WHERE NECESSARY THE CONTRACTOR SHALL LAID CRIBS FROM MANHOLES TO SUIT FUTURE PHASES TO AVOID THE NEED TO BREAK INTO CHAMBERS DURING FUTURE CONSTRUCTION, SPURS TO BE CAPPED

**REVISIONS**

#	REV	DATE	DESCRIPTION	DRAWN	CHKD
1		16-12-22	EXIST. GULLY TO LINK TO NEW CHAMBER AND PIPES REVISED AND MANHOLES MOVED TO SUIT UTILITY	KRT	JJT
2		01-11-22	EXISTING MAIN BALST INTO BASIN 4 AMENDED TO SUIT BOTANICAL REQUIREMENTS, F121 & F22 ADDED, S1008 FOUR LEVELS REVISED	KRT	JJT
3		30-06-22	ECOLOGY MEASURES REVISED AS CLOUDED, F150 & F151 AMENDED TO SUIT GROUNDWORK	SLS	JJT
4		07-06-22	PHASE 2 PROVISIONS PROPOSED BY AMENDED TO INCLUDE ECOLOGY FEATURE, S18 COMMENTS ACTIONED WITH LEVEL OFFSETS UNLESS NOTED OTHERWISE	JJT	KRT
5		08-04-22	LEVEL CONTROL CHAMBER ADDED WHERE CLOUDED	SLS	KRT
6		24-02-22	INVERTS & GRADIENT AMENDED WHERE CLOUDED	SLS	JJT
7		17-02-22	ROAD WIDTHS SHOWN, CROSSOVER AMENDED TO FUNCTION, GRADIENTS AMENDED	JJT	KRT
8		06-01-22	APPROVED TO ACC S18 COMMENTS, BASED PAVED (INCORPORATE INTO S18-1-5 SUBSECTION, PARKING BAY LAYOUT REVISED)	JJT	KRT
9		03-12-21	NOTES REINSTATED	JJT	KRT
10		19-10-21	TO ALLOW PROVISION B CHANGES TO BE UPGRADING TO CONJECT	KRT	JJT
11		13-10-21	FENCING ADDED TO BASIN PERIMETERS AND S204A TO S210C INVERTS AMENDED TO SUIT SECTION 27B WORKS	KRT	JJT
12		14-09-21	DRAWN REVIEW AND REVISIONS TO SUIT CLIENT PROVISIONS	KRT	JJT

Project  
**BROAD OAK FARM**  
**STURRY**  
**CANTERBURY**

Title  
**HIGHWAY AND DRAINAGE**  
**GENERAL ARRANGEMENT**

Client  
**DAVID WILSON HOMES**  
WHERE QUALITY LIVES

**Richard Jackson**  
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Status: FOR TENDER

Drawn: KRT  
Checked: JJT  
Date: JULY 2021  
Approved: KRT

R/JL Project No.: 61109

Project Code	Discipline	Phase	Client	Number	Revision
H8398	CIV	-	BDW	4101	R

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