



NOTES:

- AS PER FOUL SEWAGE AND UTILITIES ASSESSMENT REPORT ISSUED ON JANUARY 2020 THE MAXIMUM DISCHARGE ALLOWANCE TO THE COMBINED SEWER TO ANGLIAN WATER IS 5.0L/s INTO THE EXISTING MANHOLE 7604 SITUATED TO THE NORTHERN CORNER OF THE SITE WITHIN HIGH STREET.
- CONTRACTOR TO ARRANGE RELEVANT WORK PERMITS AND ROAD BOOKING SPACE TO UNDERTAKE WORKS WITHIN THE PUBLIC HIGHWAY; CHAMBER TO BE MODIFIED TO SUIT NEW INCOMING 150MM CONNECTION. CONTRACTOR TO VERIFY ARRANGEMENT AND LEVEL OF EXISTING MANHOLE PRIOR TO COMMENCEMENT OF WORKS.

- NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD ARCHITECTS & SUB-CONTRACTORS DRAWINGS AND RELEVANT REPORTS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO RJDLD FOR CLARIFICATION.
 - TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, NAMELY DRAWING NUMBER 255638e-01 DATED NOVEMBER 2018.
 - THIS DRAWING IS BASED UPON LAYOUT INFORMATION PROVIDED BY BOYER DESIGN, DATED ON 4th OF MARCH 2021.
 - ALL EXTERNAL DRAINAGE WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH 'CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY' 5th EDITION, BS EN 752 & PART H OF THE CURRENT BUILDING REGULATION.
 - 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.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
 - THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
 - ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
 - ALL PRIVATE DRAINAGE CONNECTION TO ADAPTABLE MANHOLES SHALL BE A MINIMUM DIAMETER OF 100mm AND SHALL BE VITRIFIED CLAY.
 - FOR EXACT TYPE AND LOCATION OF ABOVE GROUND FOUL DRAINAGE POINT REFER TO ARCHITECTS DRAWINGS.
 - ACO CHANNELS ACROSS THE CAR PARK TO BE ACO MULTIDRAIN MD LOAD CLASS D400

GENERAL DRAINAGE NOTES

- UNLESS OTHERWISE SHOWN ALL PIPEWORK SHALL BE 100mm INTERNAL DIAMETER AND LAID TO A GRADIENT NOT FLATTER THAN 1in100 FOR SURFACE WATER AND 1in40 FOR FOUL WATER (OR MIN. 1in80 WHERE MIN. OF 1 AV IS CONNECTED)
- PIPEWORK OTHER THAN THAT COVERED IN NOTE 1 ABOVE SHALL BE IDENTIFIED THIS:
 - 150/125 — SHOWS AN APPROXIMATE GRADIENT eg. 1in125
 - SHOWS INTERNAL DIAMETER OF PIPE IN mm.
- AT MANHOLES AND INSPECTION CHAMBERS:
 - CL.12.345 = APPROXIMATE COVER LEVEL
 - IL.9.876 = INVERT LEVEL
 - BDIL.5.432 = UPPER INVERT LEVEL OF BACKDROP (-1050mmØ) = INTERNAL DIAMETER

KEY

FOUL WATER	SURFACE WATER
FOUL WATER DRAIN/SEWER	SURFACE WATER DRAIN/SEWER
MEDIUM/DEEP INSPECTION CHAMBER (MINIMUM 450mmØ)	MEDIUM/DEEP INSPECTION CHAMBER (MINIMUM 450mmØ)
SVP	RWP
	ACO
	CHANNEL DRAIN WITH TRAPPED SUMP

MANHOLE TO BE PROVIDED WITH A VORTEX FLOW CONTROL LIMITING THE DISCHARGE RATE FLOW TO 3.1l/s Ø1200mm CL.6.38 IL.4.34

REV	DATE	DESCRIPTION	DRAWN	CHKD
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
**PROPOSED STARLINGS CAR PARK
 HIGH STREET
 DOVERCOURT**

Title
**PRIVATE DRAINAGE
 GENERAL ARRANGEMENT**

Client
**HEAD OF REGENERATION
 TENDRING DISTRICT COUNCIL**

Scale	Drawn	Date
1:100 @ A1	MTU	APRIL/2021
Job Manager	Checked	Approved
RPL	JT	

**Richard Jackson
 Engineering Consultants**

847 The Crescent, Colchester, Essex CO4 9YQ Tel: 01206 228800
 Unit 06C130, 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

Drawing No.	Revision	
60498/C/0002	-	
Drawing Status		
<input type="checkbox"/> INFORMATION	<input checked="" type="checkbox"/> APPROVAL	<input type="checkbox"/> COSTING
<input type="checkbox"/> TENDER	<input type="checkbox"/> CONSTRUCTION	<input type="checkbox"/> AS CONSTRUCTED