

CONCRETE PIPE STRENGTH TABLE
[to EN 1916/BS 5911-1:2010]

diameter [mm]	Minimum crush load (Fn) [kN/m]
300	36
375	45
450	54
525	63
600	72
675	81
750	90

Thermoplastics structured wall Sewer pipe shall comply with the relevant provisions of WIS 4-35-01. Pipes shall be BSI Kitemarked or have equivalent Third Party Certification.

Pipes shall be class 8kN/m² nominal short-term ring stiffness.

ALL ADOPTABLE SEWERS ARE TO BE LAID ON CLASS S BEDDING

Buried pipework up to and including 150mm dia. to be 28KN/m strength PLASTware to BS EN 295; 1991.

Buried pipework above 150mm dia. and up to and including 225mm dia. to be 36KN/m strength PLASTware to BS EN 295; 1991.

Buried Buried pipework above 225mm dia. to be Class 120 (SRPC) concrete pipes to BS 5911 with spigot and socket flexible joints.

- DO NOT SCALE FROM THIS DRAWING. IF IN DOUBT CONTACT TRAVIS BAKER LIMITED.
- ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS RELATING TO THIS PROJECT.
- ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHOULD BE IMMEDIATELY NOTIFIED IN WRITING TO TRAVIS BAKER LIMITED.
- THE CONTRACTOR SHALL PRIOR TO CONSTRUCTION CHECK AND VERIFY THAT THE DETAILS SHOWN ON THIS DRAWING ARE FULLY COMPATIBLE WITH ANY AS CONSTRUCTED DIMENSIONS OR LEVELS. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY IN WRITING TO TRAVIS BAKER LIMITED.
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ALL PIPE BEDDING AND
SURROUND TO BE CLASS S.

TO BE READ IN CONJUNCTION
WITH S104 DRAINAGE LAYOUT
DRAWING 23035 160.

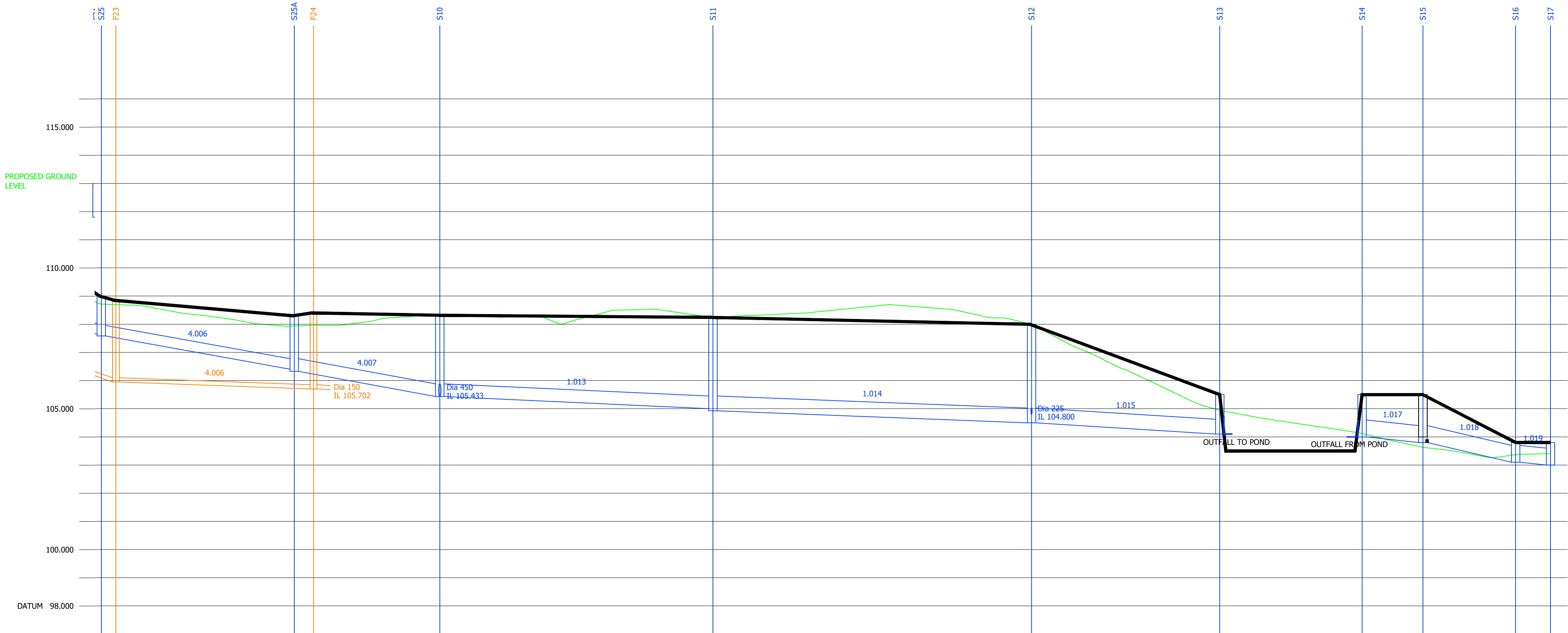
ALL ADOPTABLE DRAINAGE TO
COMPLY WITH DESIGN CODE FOR
ADOPTION AND SEVERN TRENT
WATER REQUIREMENTS.

PRELIMINARY SUBJECT TO 104
APPROVAL.

KEY:

EXISTING GROUND LEVEL

PROPOSED LEVEL



GROUND LEVEL	112.969	108.644	108.320	108.013	107.959	108.099	108.314	108.270	108.292	108.328	108.532	108.270	108.333	108.450	108.449	108.577	108.239	107.743	106.779	105.854	105.005	104.619	104.318	103.939	103.565	103.268	
STORMWATER COVER LEVEL	113.000 125.000		Pipe 4.006 Dia 375 Circular CONC 1 in 29	108.300		Pipe 4.007 Dia 450 Circular CONC 1 in 29	108.318			Pipe 1.013 Dia 450 Circular CONC 1 in 112	108.243				Pipe 1.014 Dia 525 Circular CONC 1 in 133	107.997			Pipe 1.015 Dia 525 Circular CONC 1 in 84	105.500		Pipe 1.016 Dia 600 Circular CONC 1 in 253	105.500	Pipe 1.017 Dia 600 Circular CONC 1 in 54	Pipe 1.018 Dia 600 Circular CONC 1 in 24	103.800	Pipe 1.019 Dia 600 Circular CONC 1 in 62
STORMWATER INVERT	107.583	34.265		106.401 106.326	25.848		105.433 105.433	48.504			105.000 104.925			56.574		104.500 104.500	33.423		104.100 104.100	25.282		104.000 104.000	10.790	103.800 103.800	16.464	103.100 103.100	103.000
FOULWATER COVER LEVEL	108.850		Pipe 4.006 Dia 150 Circular CLAY 1 in 142	108.400																							
FOULWATER INVERT	105.949 105.949	35.081		105.702																							

A	UPDATED TO SUIT LATEST ROAD GA.	03.05.24	CL	TW
REV	DESCRIPTION	DATE	BY	AUTH

Travis Baker
39 Storey Street
Lace Market
Nottingham
NG1 1LX

**Transport Planning
Flood Risk and Drainage
Geo-Environmental
Civil and Structural Engineering**

Nottingham Telephone:
0115 896 6655
info@travisbaker.co.uk
www.travisbaker.co.uk

CLIENT
CHARLES CHURCH

PROJECT
SKETCHLEY LANE, BURBAGE

TITLE
DRAINAGE LONGSECTIONS SHEET
2

DRAWN CL	AUTHORISED TW	SCALE 1/500H 1/100V@A1	DATE 21.03.24
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PROJECT NO. 23053	DRAWING NO. 206	REV A
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STATUS.
PRELIMINARY