

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.

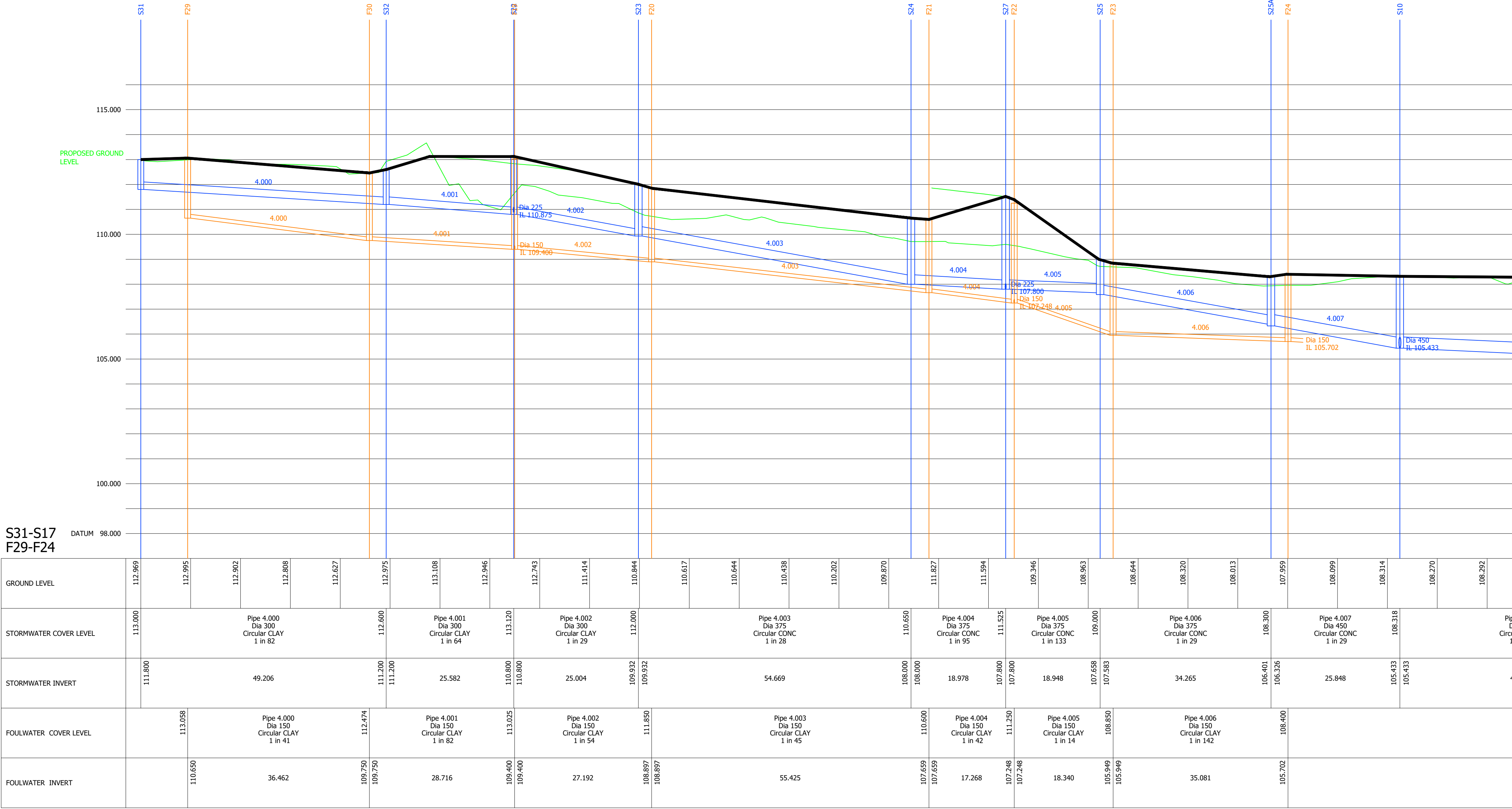
Pipes shall be class 8kN/m² nominal short-term ring stiffness.

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.
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- 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

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

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

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CLIENT
CHARLES CHURCH

PROJECT
SKETCHLEY LANE, BURBAGE

TITLE
**DRAINAGE LONGSECTIONS SHEET
1**

DRAWN CL	AUTHORISED TW	SCALE 1/500H 1/100V@A1	DATE 21.03.24
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PROJECT NO. 23053	DRAWING NO. 205	REV A
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STATUS.
PRELIMINARY