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.

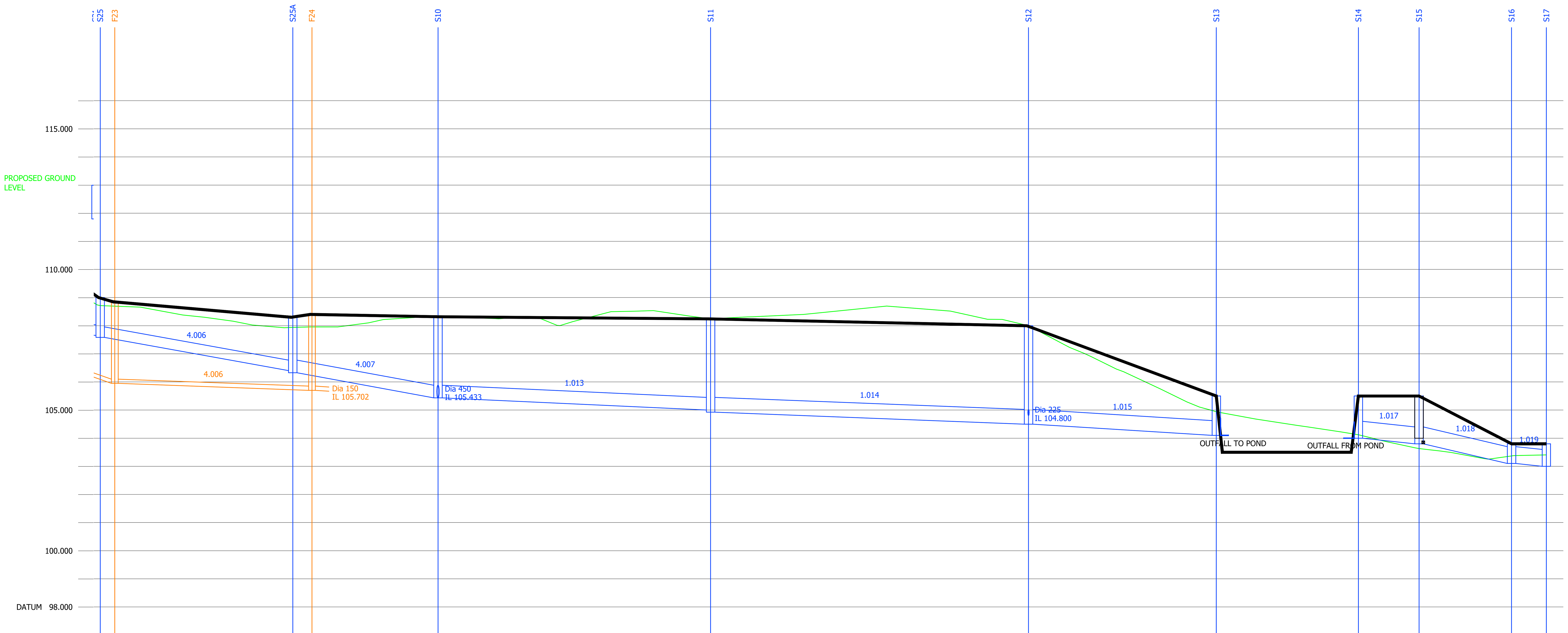
Pipes shall be class 8kN/m^2 nominal short-term ring stiffness.

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.



S31-S17
F29-F24

DATUM 98.000

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, 108.649, 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 / 109.000; 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; 105.500; Pipe 1.018 Dia 600 Circular CONC 1 in 24; 103.800; Pipe 1.019 Dia 600 Circular CONC 1 in 62; 103.800
STORMWATER INVERT	[illegible], 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, 6.191, 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

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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

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

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CLIENT
CHARLES CHURCH

PROJECT
SKETCHLEY LANE, BURBAGE

TITLE
DRAINAGE LONGSECTIONS SHEET 2

DRAWN	AUTHORISED	SCALE	DATE
CL	TW	1/500H 1/100V@A1	21.03.24

PROJECT NO.	DRAWING NO.	REV
23053	206	A

STATUS.
PRELIMINARY

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