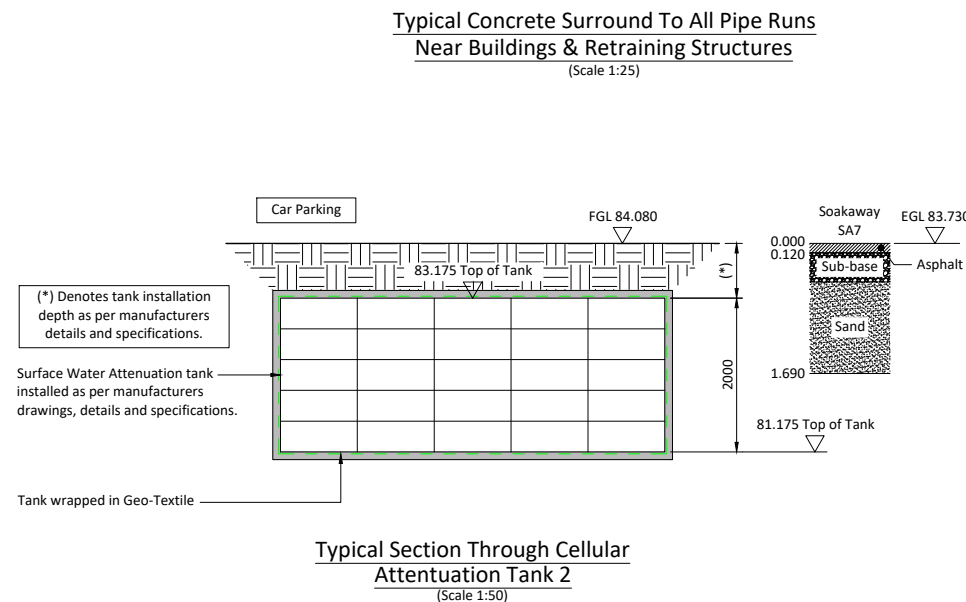
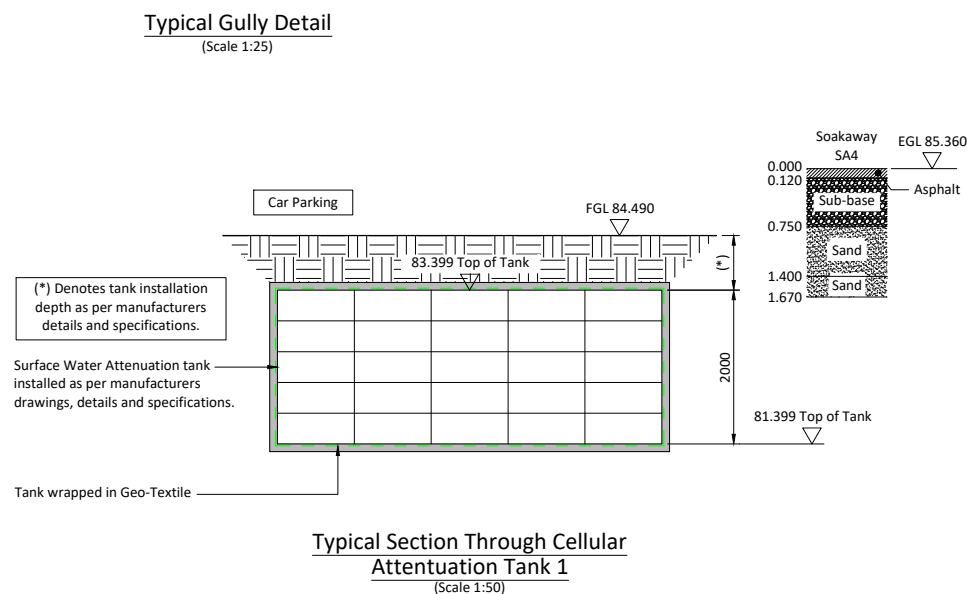
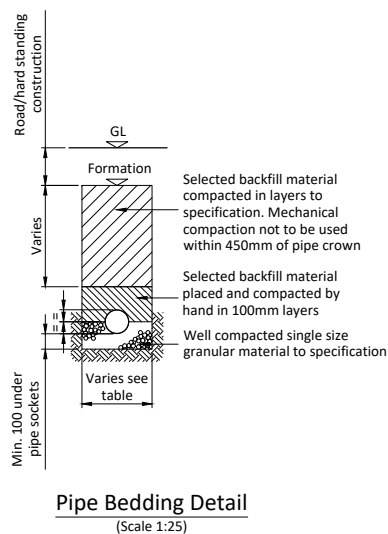
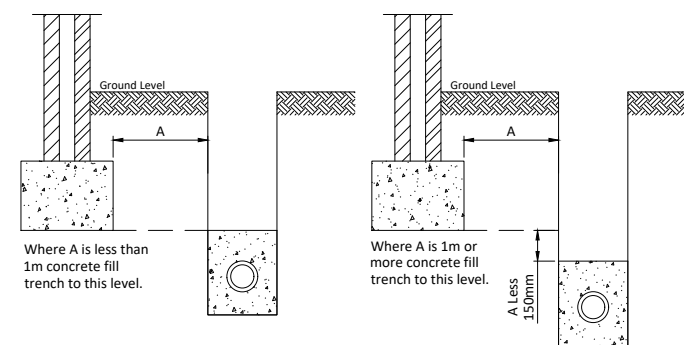
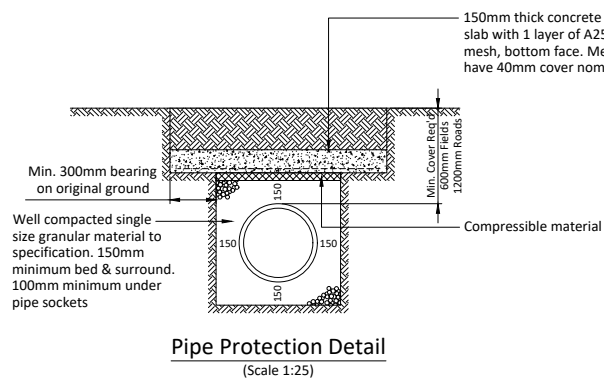
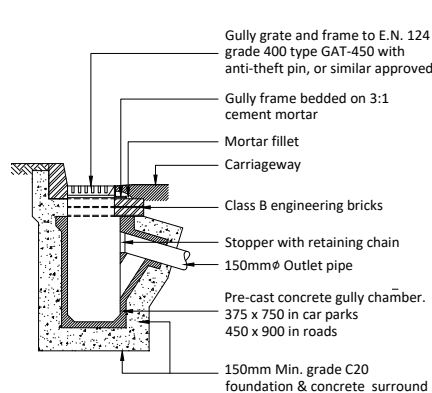
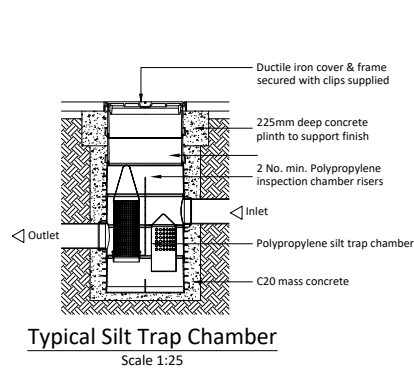
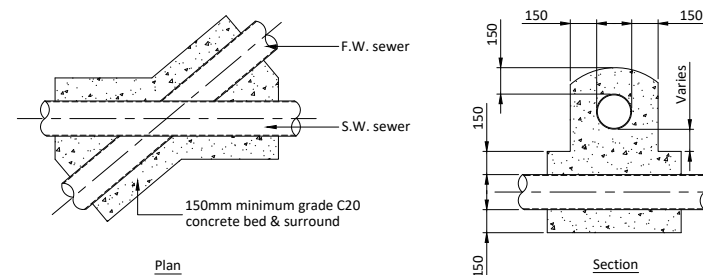
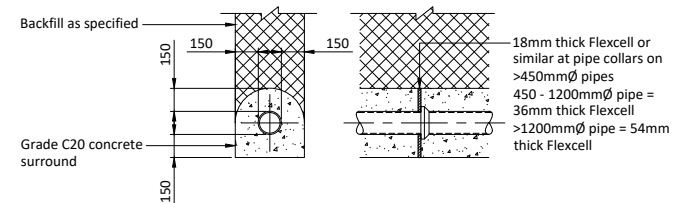
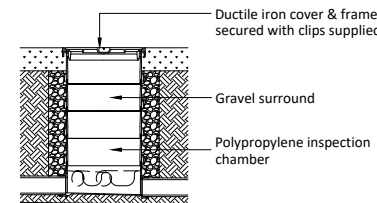
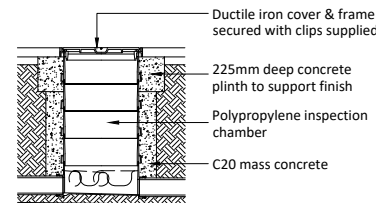
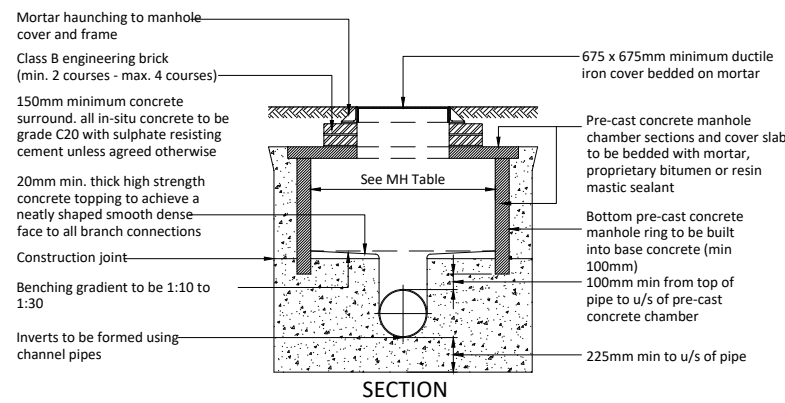
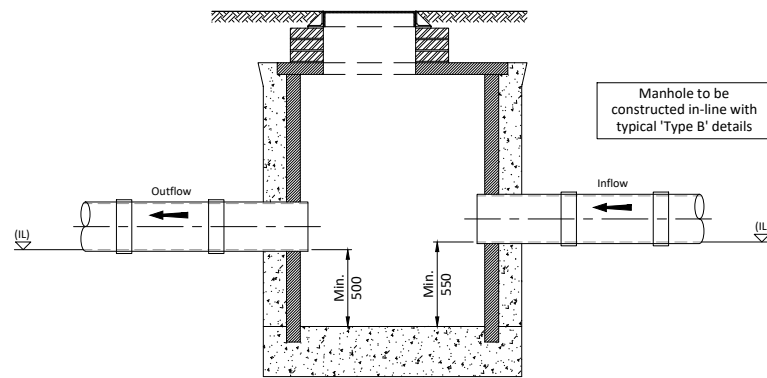
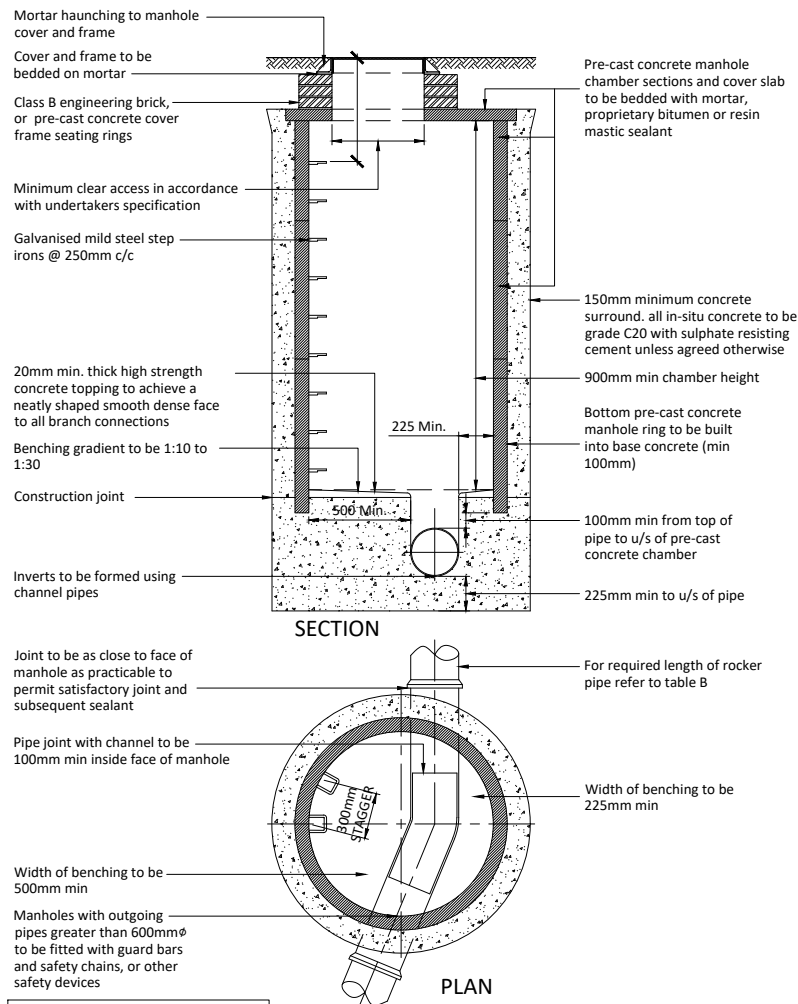




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Notes
1. For notes refer to drawing No 09-124-500.

Dia. of largest pipe in manhole (mm)	Internal diameter of manhole (mm)
Less than 375	1200
375-700	1500
750-900	1800
Greater than 900	Consult undertaker

Dia. of drain (mm)	Effective length (m)
150-600	0.6
675-750	1.0
Over 750	1.25

Chamber Size	Manhole Depth <1.5m	Manhole Depth Equal to or >1.5m
900	675x675 Central	675x675 Central
1050	750x750 Central	675x675 Eccentric
1200	675x675 Eccentric*	675x675 Eccentric
1500	1200x675 Central**	675x675 Eccentric
1800-3000	1200x675 Eccentric	675x675 Eccentric

* 1200x675 Specified in BS EN 752-3 but not recommended

Note: All measurement in mm UNO.
** Openings sited over the channel with double twin 600x600 covers.

Sizes are as concrete pipe system association (CPSA) 'Technical Bulletin' issued Autumn 2004 for Kitemarked cover slab opening sizes.

Trench widths	
Dia. of drain	Width
100	450
150	600
225	700
300	750
375	1050
450	1150
525	1200
600	1350
675	1450
750	1500
825	1600
900	1900
975	2000
1050	2300
1200	2300
Over 1200	Dia. + 1000

Pipe Bedding		
Nominal bore of pipe (mm)	Size (mm) Single sized	Size (mm) Graded
100-125	10	-
150-200	10 to 14	14 to 5
225-300	10, 14 or 20	14 to 5 or 20 to 5
375-500	14 or 20	14 to 5 or 40 to 5
Exceeding 500	14, 20 or 40	14 to 5 or 40 to 5

All granular material to be single sized or graded in accordance with BS 882: 1983, sintered pulverised-fuel ash to BS: 3797 Pt 2 1976 air-cooled blast furnace slag to BS 1047: 1983 are suitable

Soakaway detail updated.	A	05/02/2021	KA
DESCRIPTION	REV	DATE	CHK



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Fax: 01924 36463

PROJECT

Lidl Store
Bodhydrys, Wrexham

DRAWING TITLE	Drainage Details
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CLIENT

Lidl Great Britain Limited

STATUS	Information
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DRAWN	JD	DATE 02/07/19
CHECKED	KA	
APPROVED	KGP	SCALE
		AS SHOWN @ A1
DRAWING NUMBER 09-124-511		REVISION A