	INSP	ECTION CHAMBER ACCESS CC
REF	BS EN 124 LOADING	DESCRIPTIC
A	A15	Polymer or ductile iron cover and t inspection chamber.
В	A15	Polymer or ductile iron pedestrian frame to BS EN124 A15 loading cla inspection chamber. Circular or so used in all but paved areas. in pav slabs etc] use square cover.
С	B125	Ductile iron medium duty cover ar B125 loading class, 450x450mm o opening to suit universal inspectio
D	B125	Cast iron square cover to BS EN 12 part of telescopic raising piece as inspection chamber and incorpora access.
E	A15	Ductile iron pedestrian duty cover A15 loading class, 600x600mm clu
F	B125	Ductile iron medium duty cover ar B125 loading class, 600x600mm c
Ac	cess covers to	NOTE be square or rectangular where loca

INSPECTION CHAMBER TYPE				
TYPE REF		DESCRIPTION		
	SHALL	OW INSPECTION CHAMBER		
SIC	[8]	Shallow mini access chamber, 250/300r polypropylene		
	[9]	Polypropylene base unit		
UIC	UNIVE	RSAL INSPECTION CHAMBER		
	(10)	Universal inspection chamber, 475mm ir polypropylene		
	(11)	Polypropylene base unit, with inlet/outle suit connecting pipework		
	NON-E	NTRY INSPECTION CHAMBER		
NIC	[12]	Telescopic raising piece assembly incor class b square access cover (5t wheel lo 350mm restricted opening		
NIC	[13]	Polypropylene raising pieces, to suit requ		
	[14]	Polypropylene base unit, with inlet/outle suit connecting pipework		



## TYPICAL BASE PLAN TYPICAL DETAILS FOR INSPECTION CHAMBERS [not to scale]



View of Sewer direction of arrow- A

Typical Saddle Connection

NOTES

- 1. Where the connection is being made to a sewer with a nominal internal diameter of 300 mm or less, connections should be made using 450 angle, or 900 angle curved square junctions.
- 2. Connections made with junction fittings should be made by cutting the existing pipe, inserting the junction fitting and jointing with flexible repair couplings or slip couplers. 3. Where the connection is being made to a sewer with a nominal internal diameter
- greater than 300 mm: a) where the diameter of the connecting pipe is greater than half the diameter of the sewer, the connection of an access point should be constructed; or b) where the diameter of the connecting pipe is less than or equal to half the diameter
- of the sewer, then the connection should be made using a preformed saddle fitting. 4. Connections made with saddle fittings should be made by cutting and safely removing a core from the pipe and jointing the saddle fitting to the pipe, in accordance with the manufacturer's instructions, to ensure a watertight joint. The connecting pipe should not protrude into the sewer.
- 5. To provide a self-cleansing regime within gravity foul sewers, the minimum flow velocity should be 0.75 m per second at one-third design flow. Where this requirement cannot be met, then this criterion would be considered to be satisfied if:



TYPICAL DETAIL FOR RODDING EYE [1:20]



ACCESS COVER - RECESSED INFILL TYPE -1:10

ACCESS COVER 1:10



1:10

2 SIDE FILL MATERIALS E PIPES					
Suitable materials					
ular materials e a]	Maximum cf value for 'as dug' granular materiaLS (Note b)				
l single sized	0.15				
single sized, or n Graded	0.15				
al single sized, or Graded, or n Graded	0.15				
single sized crushed rock, or Graded, or n Graded	0.15				
single sized crushed rock, or Graded, or Graded, or n Graded	0.15				

E 3 ENCH HS
ax trench vidth bd easureD mm above pe soffit
550
600
700
750
1050
1150
1200
1350
1450
1500
1600
1900
2000

P1	28/07/23	23 Preliminary Issue		RB	JI
Rev	Date	Description		By	Ch
Ltd. To be and s It sha Do no Work All di Do no Do no	e read in con surveys etc. all not be use of scale this to figured d mensions all of turn on lay of thaw laye	njunction with all oth ed without permissi drawing electronica imensions only. re in metres unless yers that have been rs that have been fr	ner project related drav on by anyone for any p ally or manually. stated otherwise. turned off. ozen.	vings, re ourpose.	por
Cli	ent Ci	ocksedge Buildi	ng Contractors		
Pro	oject Bi Si IP	Barrett's Lane, Needham Market Suffolk IP6 8DL			
Tit	le Pi Si	rivate Construct heet 1	ion Details		
			Statuo		

Job Number

0304

By Checked By

Revision

P1

JRS

RB

PRELIMINARY DRAWING:

Date

July 2023

Drawing No.

C430

MINIMUM DEPTHS OF COVER TO CROWN OF PIPE AS FOLLOWS:-

- 0.35m In domestic gardens and pathways without any possibility of vehicular access:
- 0.50m In domestic driveways, parking areas and yards with height restrictions to prevent entry by vehicles with a gross weight greater than 7.5 tonnes; 0.90m In domestic driveways, parkings
- areas and narrow streets without footways with limited access for vehicles with a gross weight greater than 7.5 tonnes;
- 0.90m In agricultural land and public open space; 1.20m Other situations with unrestricted access to vehicles with a gross
- weight greater than 7.5m tonnes

## MINIMUM DEPTH OF COVER OVER DOMESTIC PIPES

[1:10]