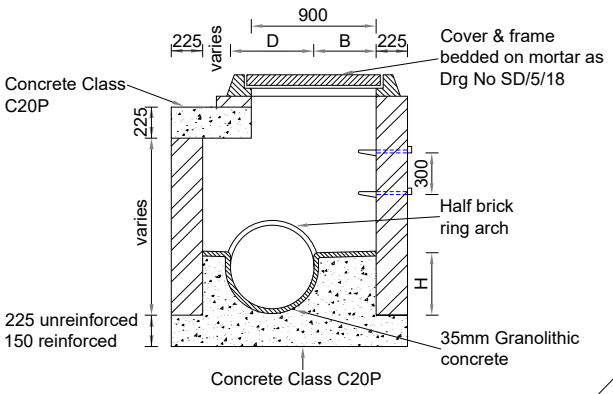
TYPICAL DETAILS OF BRICK MANHOLES TYPE S AND SJ

Not to be used on drainage schemes intended for adoption by a Water Authority

NOTES:

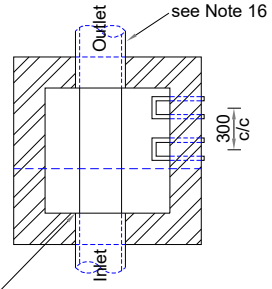
1. For Notes see Drg No SD/5/18.



Typical Sectional elevation

S & SJ SERIES MANHOLE

(For dimensions see Table 3)



Typical Plan

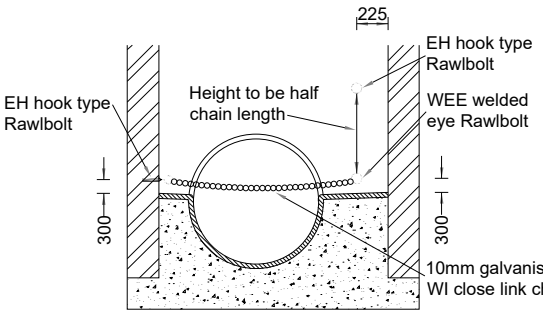
S SERIES MANHOLE

(Where no junctions required)

TABLE 3 - S & SJ BRICK MANHOLES

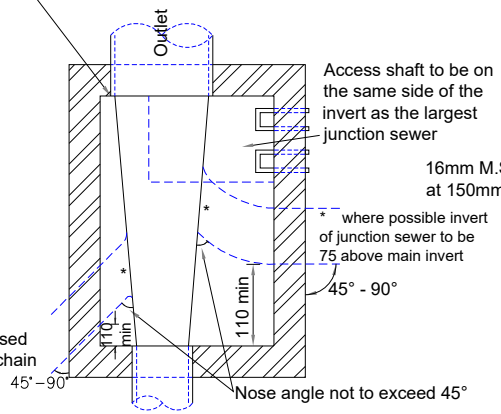
MH TYPE	Chamber dimensions internal		Outlet Pipe dia mm	Benching Dimensions		Range of depths to invert	
	Length	Width		H mm	B mm (min)	Min	Max
S900	900	900	100	100	350	775	1.400
			150	150		825	1.450
			225	225		900	1.525
			300	300		975	1.600
SJ900	1600		375	375		1.050	1.675
			450	450		1.125	1.750
S1250	900	1250	525	450	450	1.125	1.775
			600	450		1.125	1.775
SJ1250	1800		675	450		1.200	1.775
S1600	900	1600	750*	500		1.275	1.825
			825*	550		1.350	1.875
			900*	600		1.425	1.925
SJ1600	2050		975*	650		1.500	1.975

* Safety chain to be fitted across outlet pipe



FIXING OF SAFETY CHAIN

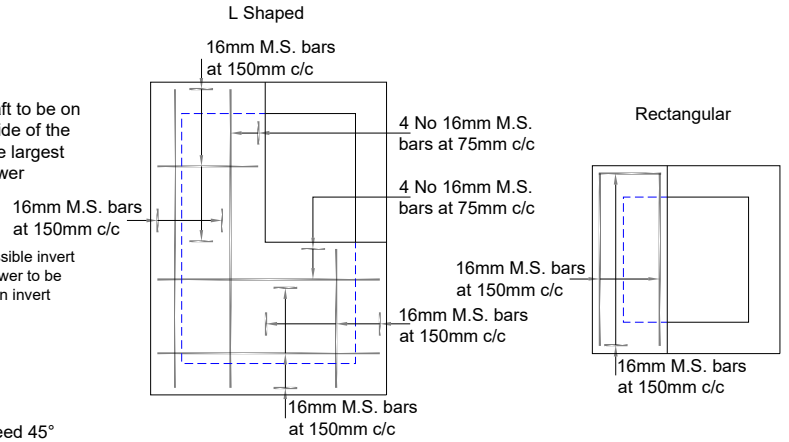
End of pipes to be neatly built into wall and finished flush with Class 1 mortar to Clause 2404



Typical Plan

SJ SERIES MANHOLE

(Where junctions required)



DETAILS OF REINFORCEMENT

(All steel in bottom of slab with 40mm minimum cover)

Rev.	Description	Drawn	Ch'kd	Auth	Date

in partnership with Nottinghamshire County Council

www.viaem.co.uk Tel 0115 804 2100

Bilsthorpe Depot, Bilsthorpe Business Park, Bilsthorpe, Nottinghamshire, NG22 8ST

Project: Highway Construction Details		Drawn: JLS	Date: 11/06/2020
Status	Project No. DRAINAGE	Ch'kd: JD	Date: 26/06/20
Drawing Title: Manholes Group MH1 - Brick Manholes Type S & SJ		Auth: JJP	Traced: JLS
Drawing No.: SD/5/24		Rev.: 0	Scale: N.T.S@A4

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A4

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