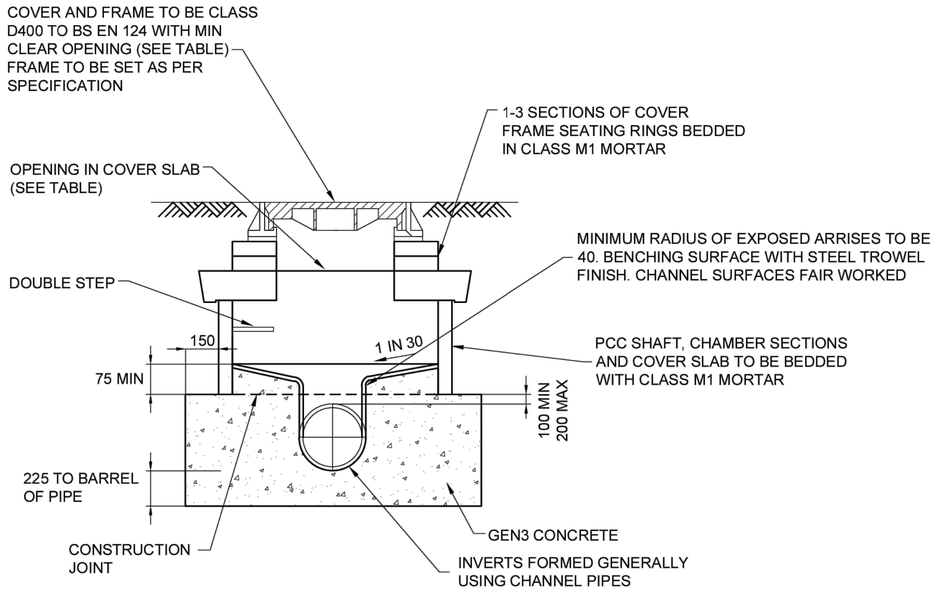
DO NOT SCALE FROM THIS DRAWING.



NOMINAL INT PIPE DIA	MINIMUM INTERNAL CHAMBER DIA	MINIMUM CLEAR OPENING SIZE	COVER SLAB ACCESS HOLE	COVER FRAME SEATING RING
100	1050	750 x 675	750 X 750 CENTRAL	750 X 750 CENTRAL
150	1050	750 x 675	750 X 750 CENTRAL	750 X 750 CENTRAL
225	1350	1200 x 675	1200 X 675 CENTRAL	1200 X 675 CENTRAL
300	1350	1200 x 675	1200 X 675 CENTRAL	1200 X 675 CENTRAL
375	1350	1200 x 675	1200 X 675 CENTRAL	1200 X 675 CENTRAL

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES
2. CONCRETE BENCHING AND PIPE SURROUND

   SHALL BE PLACED IN SINGLE CONTINUOUS OPERATION FROM TOP OF BASE SLAB TO TOP OF BENCHING AND PIPE SURROUND
3. CONNECTION INTO MANHOLES

   SHALL BE CONSTRUCTED WITH THE SOFFITS LEVEL UNLESS DETAILED DIFFERENTLY ON CONTRACT DRAWINGS
4. CONCRETE SURROUND TO MANHOLES

   A CONCRETE SURROUND IS NOT NORMALLY REQUIRED TO MANHOLES UNLESS INSTALLED IN AREAS OF UNSTABLE GROUND, UNDER CONDITIONS OF FLOTATION OR WHERE SUBJECTED TO EXCEPTIONAL OR ECCENTRIC LOADS. IN WHICH CASES A 150 SURROUND OF AT LEAST 20 N/mm CONCRETE SHALL BE PROVIDED. ANY JOINTS SHOULD BE STAGGERED WITH PRECAST CONCRETE JOINTS
5. DOUBLE STEPS SHALL BE PLASTIC ENCAPSULATED CARBON TO BS EN 1247-2 MANHOLE STEPS
6. MINIMUM LENGTH OF CHANNEL (X Min)

CHAMBER DIA	"X" MIN
1050	800
1200	950
1350	1000
1500	1050
1800	1150
2100	1300
2400	1450
2700	1550
3000	1700

7. CUT ENDS OF REINFORCED CONCRETE PIPES

   SHALL BE TREATED WITH EPOXY RESIN PAINT/MORTAR
8. COVER AND FRAME

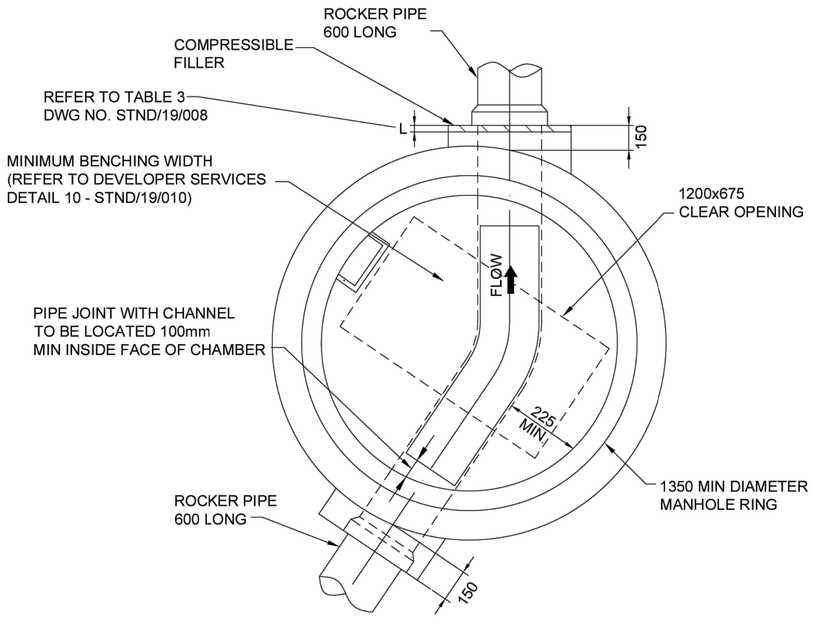
   150 DEEP COVERS ARE TO BE USED IN CATEGORY 1, 2, 3 ROADS. 100 DEEP COVERS ARE TO BE USED IN CATEGORY 4 ROADS. DOUBLE TRIANGULAR COVERS ARE TO BE USED IN CARRIAGEWAY. ROAD CATEGORY TO BE DESIGNATED BY THE HIGHWAY AUTHORITY. FRAME TO BE SET AS PER SPECIFICATION
9. CONCRETE

   ALL IN-SITU CONCRETE TO BE DC - 3 OR FND3

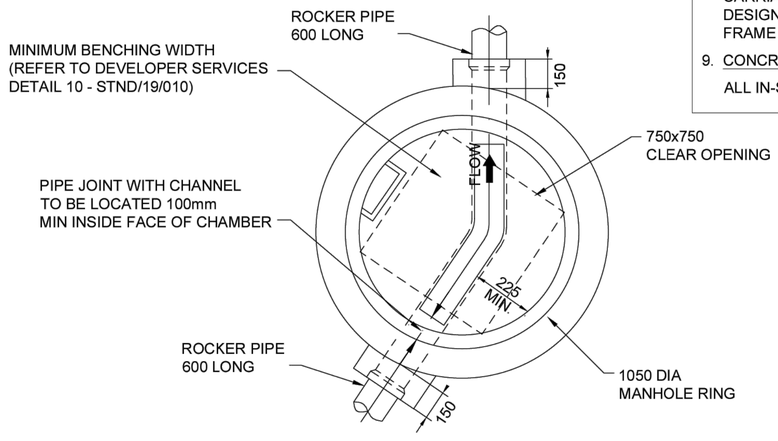
CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing.
Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.



CIRCULAR PRE-CAST CONCRETE MANHOLE (MH4)
< 1.5m TO SOFFIT (225mm TO 375mm DIAMETER PIPE)



CIRCULAR PRE-CAST CONCRETE MANHOLE (MH4)
< 1.5m TO SOFFIT (100mm TO 150mm DIAMETER PIPE)

Rev	Date	Amendment	Drawn	Chkd	Appd
P1	27.02.23	First issue	MG	MS	

LDE
CIVILS | STRUCTURES | HYDROLOGY
an RSK company
14 Beecham Court, Pemberton Business Park, Wigan, WN3 6PR United Kingdom
Tel: +44 (0) 1942 493255
Email: info@rsk.co.uk
Web: www.rsk.co.uk

Client: ANWYL

Project Title: Harry Dalton Fields Chorlton

Status: DETAILED DESIGN

Drawing Title: Drainage Construction Details Sheet 3 of 8

Drawn	Date	Checked	Date	Approved	Date
MG	FEB 23	MS	FEB 23		

Scale	Orig Size	Dimensions
1:20	A1	m

Project No.	File Name
882551	40-09-03

Drawing No.							Rev.
882551						40-09	P1
Project No.	Orig.	Vol./Sys.	Lev./Loc.	Type	Role	Draw. No.	