

MORTAR BEDDING AND HAUNCHING TO COVER AND FRAME TO CLAUSE E6.7
 MINIMUM 2 COURSES OF CLASS B ENGINEERING BRICKS AND PRECAST CONCRETE COVER FRAME SEATING RINGS
 MINIMUM CLEAR ACCESS 657mm
 MINIMUM INTERNAL DIMENSIONS 1200mm DIAMETER
 PRECAST CONCRETE MANHOLE SECTIONS AND COVER SLAB TO BE BEDDED WITH MORTAR, PLASTOMETRIC OR ELASTOMETRIC SEAL CONFORMING TO BS EN 1917 AND BS 5911-3 SEE CLAUSE E2.29
 150mm CONCRETE SURROUND
 FLOW → INLET PIPE
 IN-SITU CONCRETE TO BE GEN3 (DESIGNED TO BRE SPECIAL DIGEST 1 CONCRETE IN AGGRESSIVE GROUND)
 675x675mm CLEAR OPENING COVER COMPLYING WITH BS EN 124 AND BS 7903 SEE CLAUSE E2.32
 150mm CONCRETE COVER SLAB
 150Ø OVERFLOW PIPE
 TYPE Z CONCRETE BEDDING AND SURROUND
 OUTLET PIPE
 FLOW →
 ORIFICE OUTLET TO BE 64mm & LIMIT DISCHARGE RATE TO 12.0L/S, FIXED TO CONCRETE WITH RESIN ANCHOR
 225mm CONCRETE BASE
 0.225

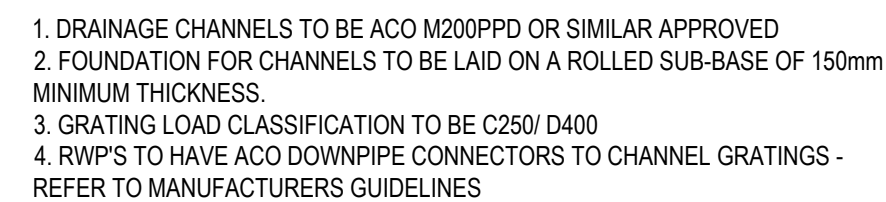
SCALE N.T.S.

Diagram illustrating the construction details of a manhole assembly, showing the internal structure and components.

Key components and specifications labeled in the diagram:

- MORTAR BEDDING AND HAUNCHING TO COVER AND FRAME TO CLAUSE E6.7
- MINIMUM 2 COURSES OF CLASS B ENGINEERING BRICKS AND PRECAST CONCRETE COVER FRAME SEATING RINGS
- 150mm IN-SITU CONCRETE SURROUND, CONCRETE TO BE GENS (DESIGNED TO BRE SPECIAL DIGEST 1 CONCRETE IN AGGRESSIVE GROUND)
- 675x675mm CLEAR OPENING COVER COMPLYING WITH BS EN 124 AND BS 7903 SEE CLAUSE E2.32 (MINIMUM CLEAR ACCESS 657mm)
- STEEL ROPE OPERATING PIVOTING BYPASS DOOR.
- 150mm CONCRETE COVER SLAB
- 1500 OVERFLOW PIPE
- MINIMUM INTERNAL DIMENSIONS 1200mm DIAMETER
- INLET PIPE
- C35 BENCHING
- MIN. 100mm CONCRETE BUILD-OUT WITHIN CHAMBER TO PROVIDE FLAT SURFACE FOR FLOW CONTROL TO BE MOUNTED.
- 225mm CONCRETE BASE
- 0.225
- 60°
- PRECAST CONCRETE MANHOLE SECTIONS AND COVER SLAB TO BE BEDDED WITH MORTAR, PLASTOMETRIC OR ELASTOMETRIC SEAL CONFORMING TO BS EN 1917 AND BS 5911-3 SEE CLAUSE E2.29

SCALE N.T.S.



SCALE (NTS)



1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE SHOWN IN METRES UNLESS NOTED OTHERWISE.
3. DO NOT SCALE FROM THE DRAWING. USE FIGURED DIMENSIONS ONLY.
4. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
5. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SUBCONTRACTORS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
6. EXISTING SERVICES HAVE NOT BEEN SHOWN BUT ARE PRESENT - THE CONTRACTOR IS TO LIAISE WITH ALL STATUTORY AUTHORITIES PRIOR TO THE COMMENCEMENT OF ANY WORKS.

01	PN	HT	PG	28.01.26	
rev.	drawn	chd.	approved	date	description
Client LIFE PROPERTY GROUP LTD					
Project CRAMIC WAY PORT TALBOT					
Title DRAINAGE DETAILS SHEET 2					
 Vale Consultancy CONSULTING CIVIL & STRUCTURAL ENGINEERS					
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date	drawn	checked		approved	
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