

GENERAL

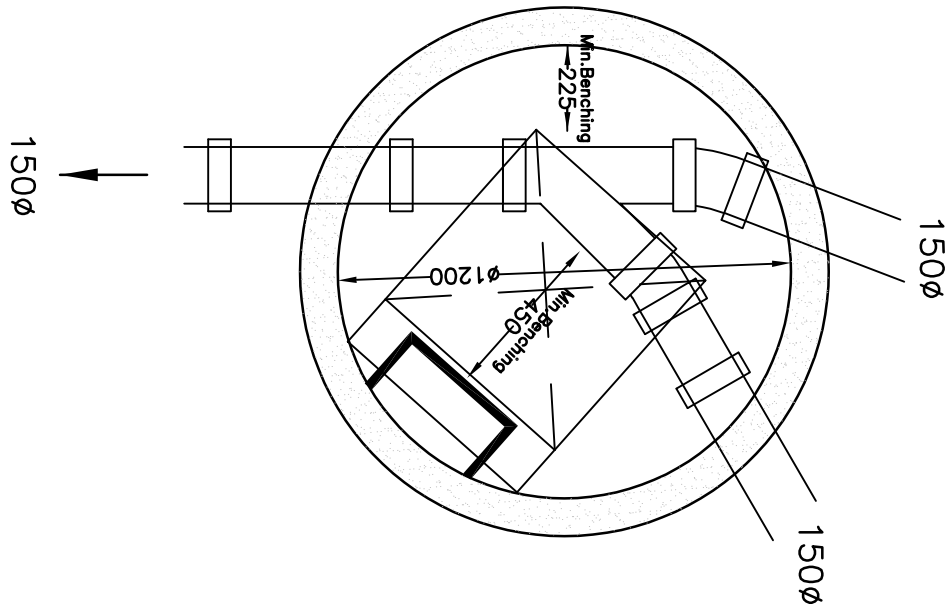
1. All adoptable sewers and associated works are to comply fully with "Design and Construction Guidance" to be adopted by the Local Authority.
2. All highway works to be to adoptable standards and to comply fully with the Local Authority specification.
3. All private drainage works are to comply fully with part 4 of the Building Regulations and the Building Regulations as amended by the Building Regulations (Amendment) Regulations 2015.
4. All works are to be carried out in accordance with the discrepancies notified to REF A.
5. All materials to be used are to be approved by the Local Authority.
6. All opening notices etc. are to be obtained prior to commencement of works.
7. All concrete & concrete products must be approved by the Local Authority.
8. All opening notices etc. are to be obtained prior to commencement of works.
9. All concrete & concrete products must be approved by the Local Authority.
10. All concrete & concrete products must be approved by the Local Authority.

C.M.A. REGULATIONS 2015

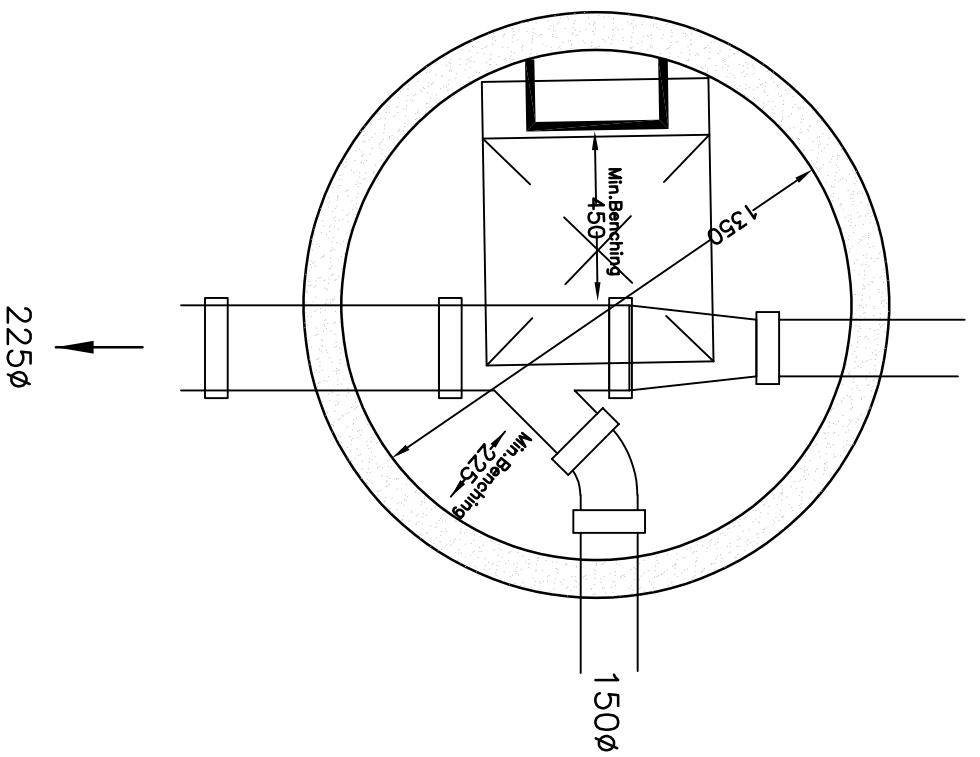
In line with the above regulations we are obliged to ensure that the design and construction of the sewer section (D400) and residual rises that may be encountered in the construction of these works. All design work has been carried out with Health and Safety aspects given full consideration. We would also respectfully remind the Client of his obligations to take all reasonable steps in ensuring that only competent Contractors who have a valid contract with the Local Authority are engaged. They should also provide satisfactory responses at tender stage as to the manner in which they will deal with the elements of risk involved in this type of work and in particular those highlighted by REF A below:-

1. Support / treatment for ALL excavation work.
 2. Guarding to edges of excavations to prevent pedestrians and vehicles falling into excavation.
 3. Guarding of excavations outside working hours to prevent pedestrians and vehicles falling into excavation.
 4. Underpinning to adjacent roads or structures.
 5. Confined space operations.
 6. Dealing with existing services.
 7. Traffic management on existing highways.
 8. Procedure to be followed in event of accident or emergency.
 9. Method of working where contaminated ground is present on site.
 10. Confirmation will be required that all operatives are adequately trained, copies of relevant training certificates to be supplied.
- The above list is by no means exhaustive but it does highlight operations that present a risk to the safety of the workforce and the public. For clarification on any item please contact REF A.

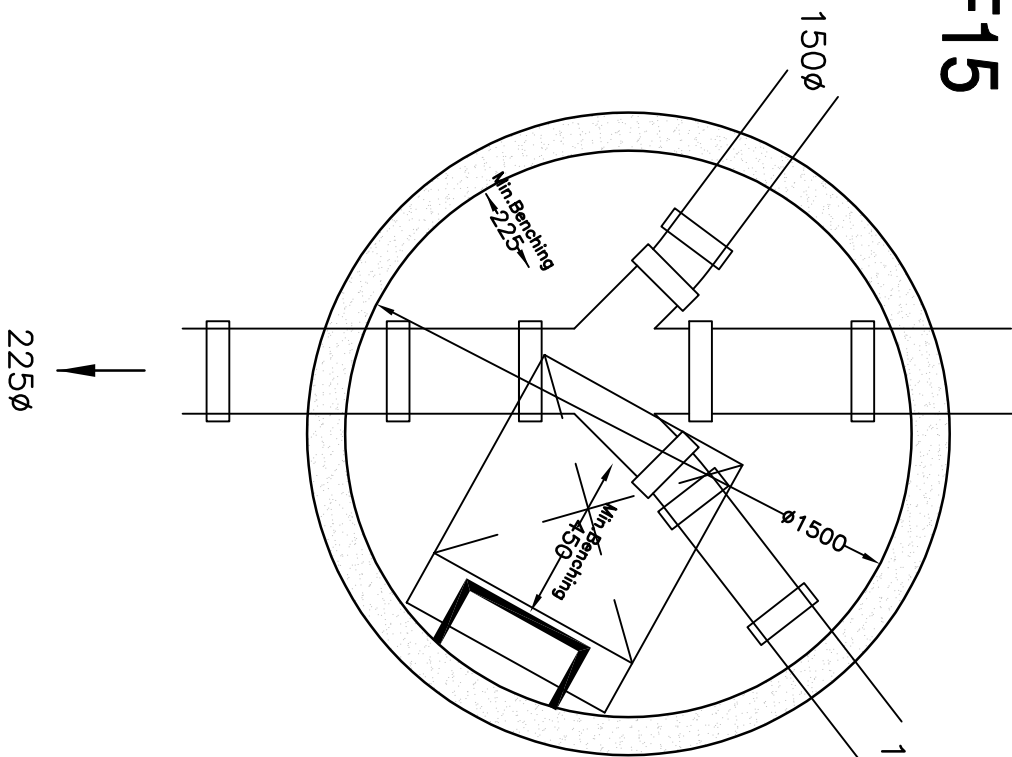
F13



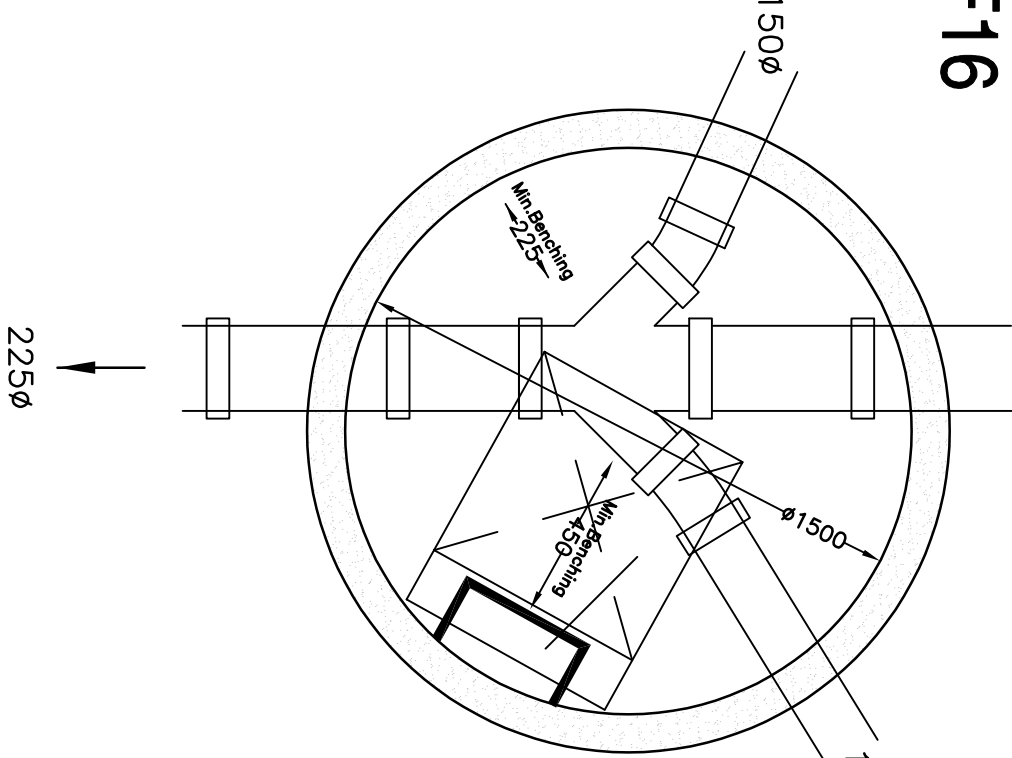
F14



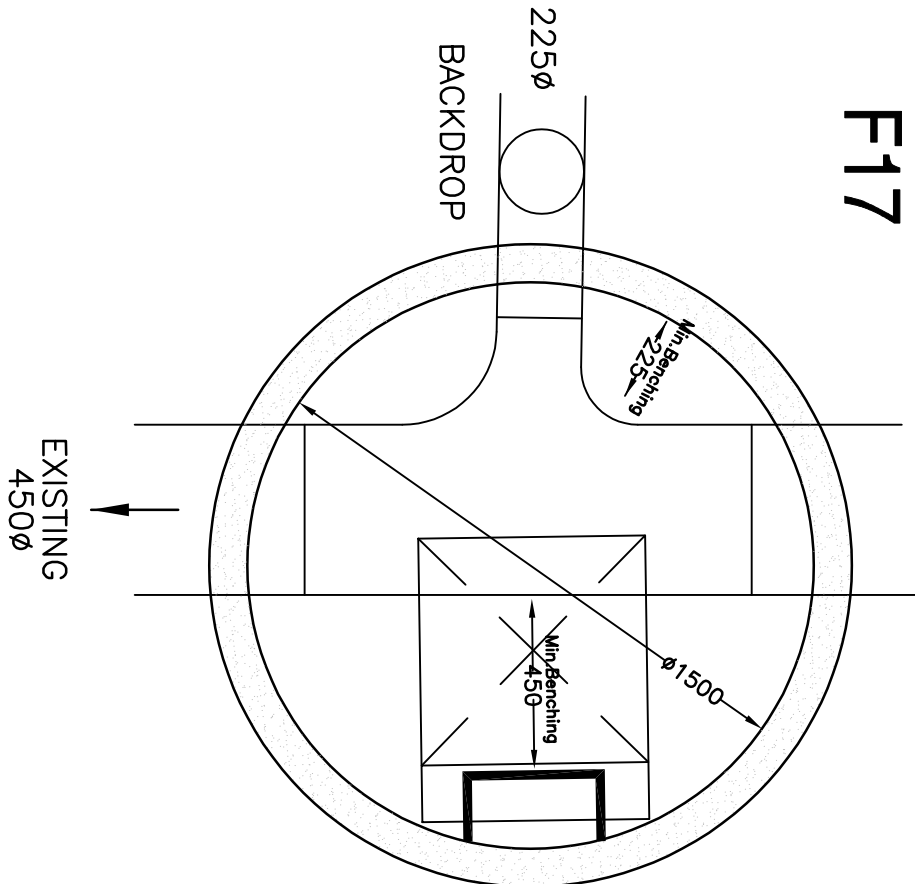
F15



F16



F17



Manhole Number	Cover Level	Connections	Code	Inverts	Diams	Manhole Size	Types	Depth & Size (mm)	Means of Access	Safety Chains	Handrails	Invert Access
F13	45.647 3.293	1 0	1 3.001	42.204	150	1200 TYPE A2 FIGURE B6	D400	150 675 x 675 COVER SLAB OPENING	Ladder	No	No	No
F14	45.578 3.331	2 1 0	1 3.002 2 1.006	42.097 42.097	150 150	1500 TYPE A2 FIGURE B6	D400	150 675 x 675 COVER SLAB OPENING	Ladder	No	No	No
F15	45.595 3.580	1 0	1 1.007	41.790	225	1500 TYPE A2 FIGURE B6	D400	150 675 x 675 COVER SLAB OPENING	Ladder	No	No	No
F16	45.232 3.462	1 0	1 1.008	41.565	225	1500 TYPE A2 FIGURE B6	D400	150 675 x 675 COVER SLAB OPENING	Ladder	No	No	No
F17	45.064 4.897	1 0	1 1.009	41.493 39.717	225 450	1500 TYPE A2 FIGURE B6	D400	150 675 x 675 COVER SLAB OPENING	Ladder	No	No	No

*** APPROXIMATE CO-ORDINATES - EXACT POSITION TO BE CONFIRMED ON SITE

PLEASE NOTE THAT THIS DRAWING IS ISSUED FOR INFORMATION/TENDER PURPOSES ONLY. TECHNICAL APPROVAL HAS BEEN GRANTED FOR ANY WORK UNDERTAKEN PRIOR TO TECHNICAL APPROVAL BEING GRANTED IS AT THE CLIENTS RISK.

MANHOLES TO BE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION GUIDANCE - MAY 2021

MANHOLE LADDER TO BE CONSTRUCTED IN LINE WITH DESIGN AND CONSTRUCTION GUIDE CLAUSE DCG CLAUSE E2.37

ROCKER PIPES WILL BE USED IN LINE WITH DESIGN AND CONSTRUCTION GUIDANCE

NOTE ALL CONNECTIONS TO BE MADE SOFFIT LEVEL UNLESS INDICATED OTHERWISE

REF A
CONSULTING ENGINEERS
CIVIL STRUCTURAL
GEOTECHNICAL ENVIRONMENTAL

45 Bridgeman Terrace
Wotton, Leicestershire
Leicestershire LE17 4BQ
Tel: (01942) 280020
Fax: (01942) 230816

Date

28.11.22

Scale

1:20

Drawn

RF

DRAWING NO

22122/109/3

Rev

C

© This drawing is the property of REF A and should not be copied, used or its contents divulged without prior written consent.