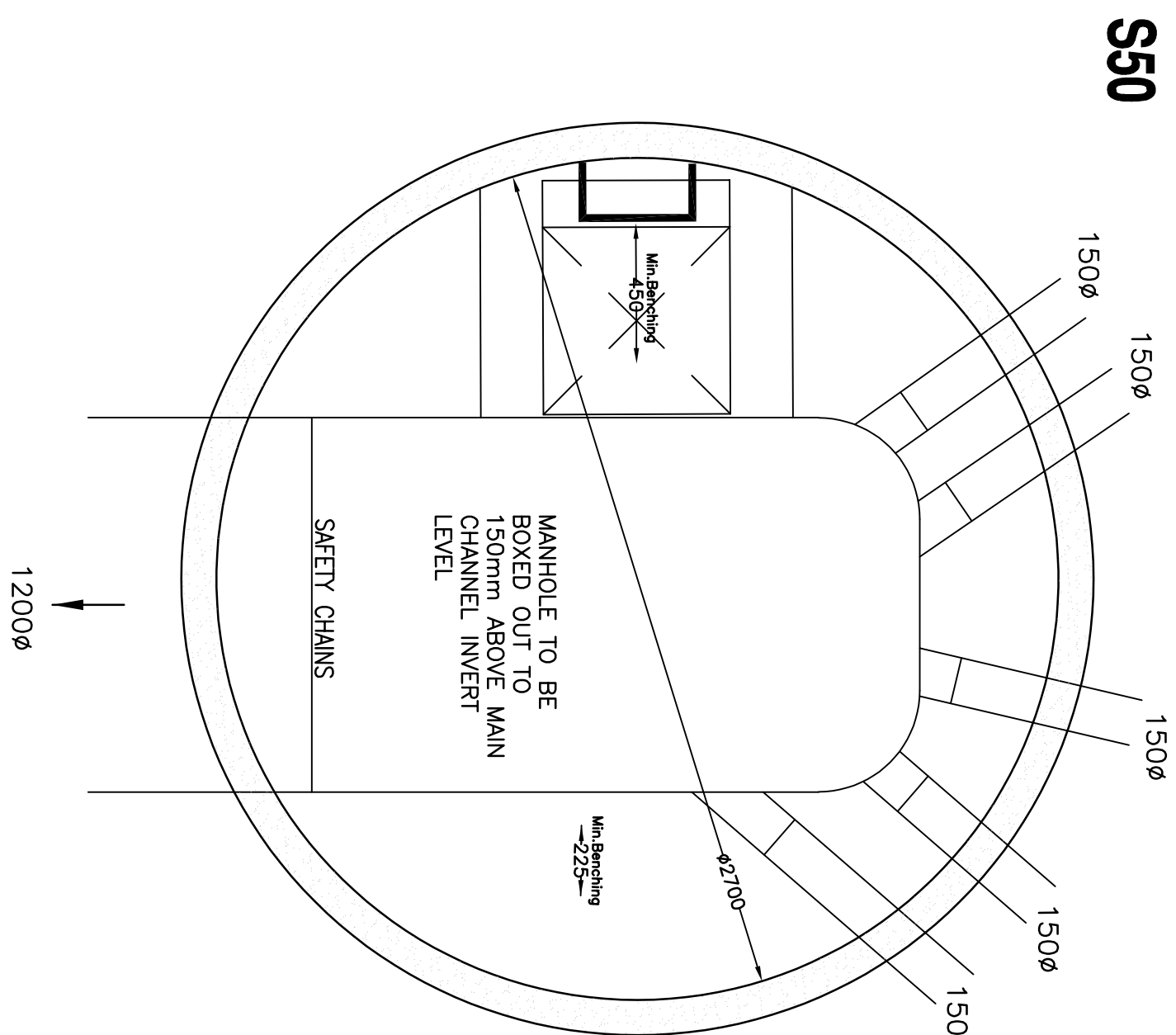
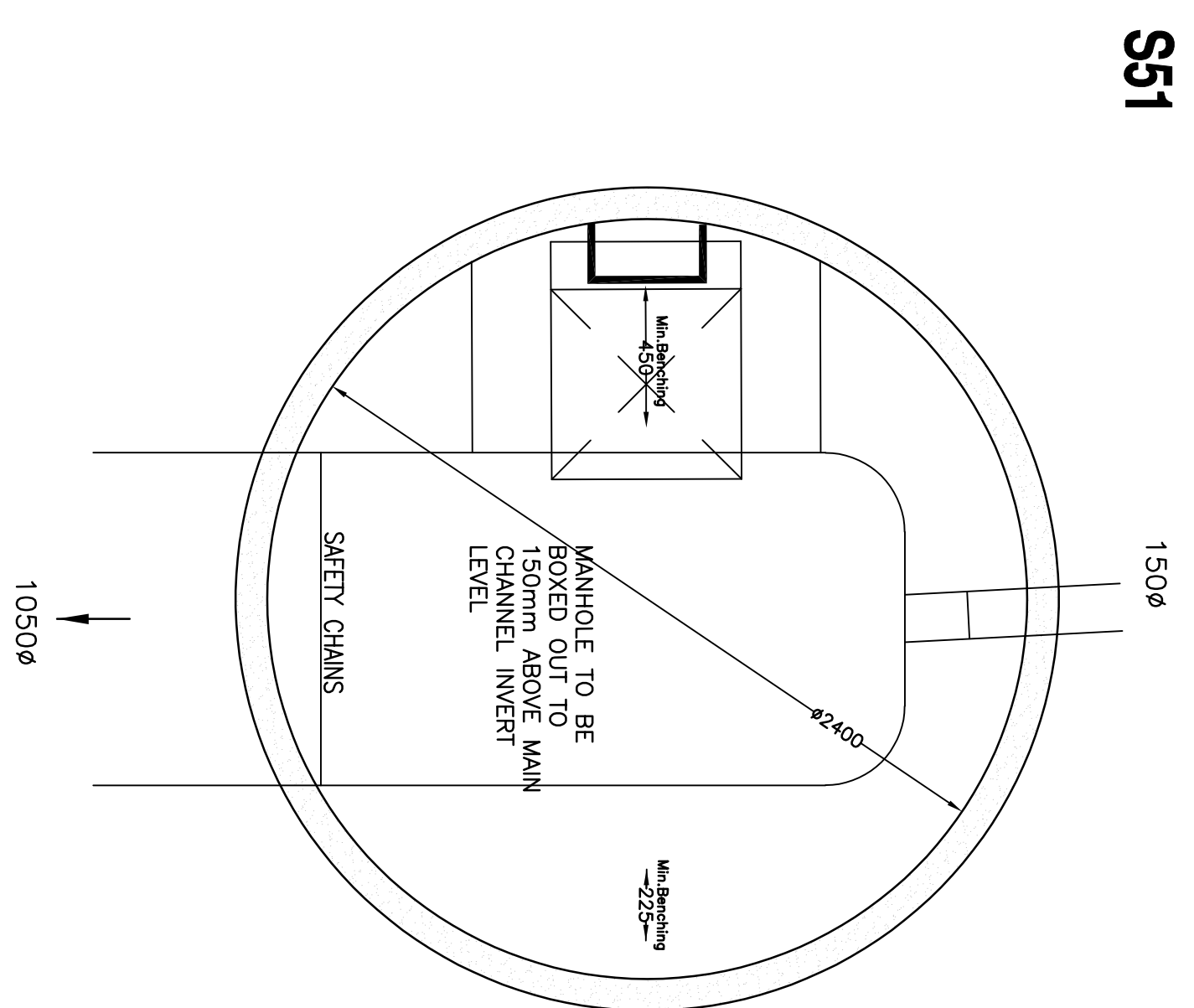
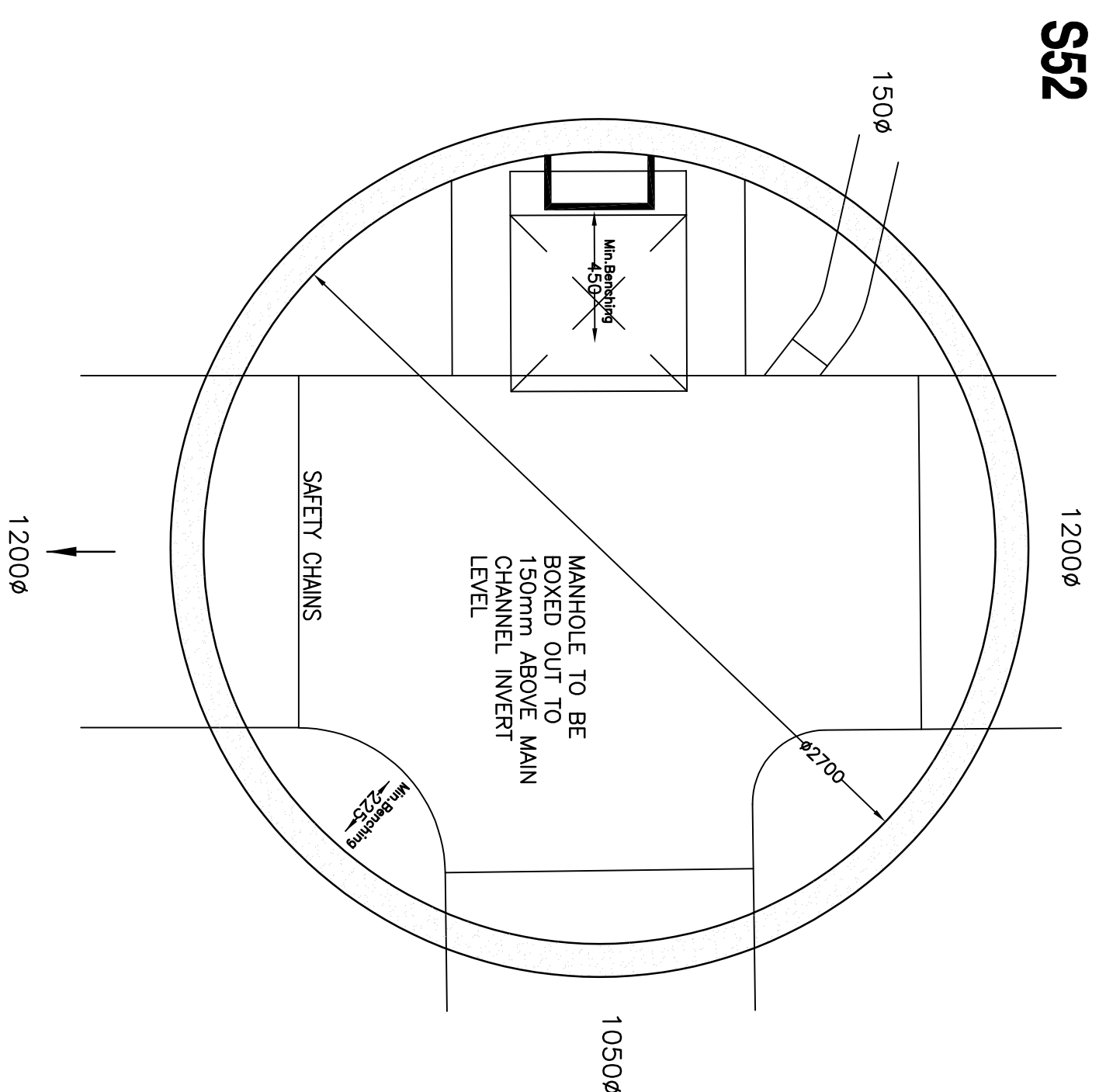
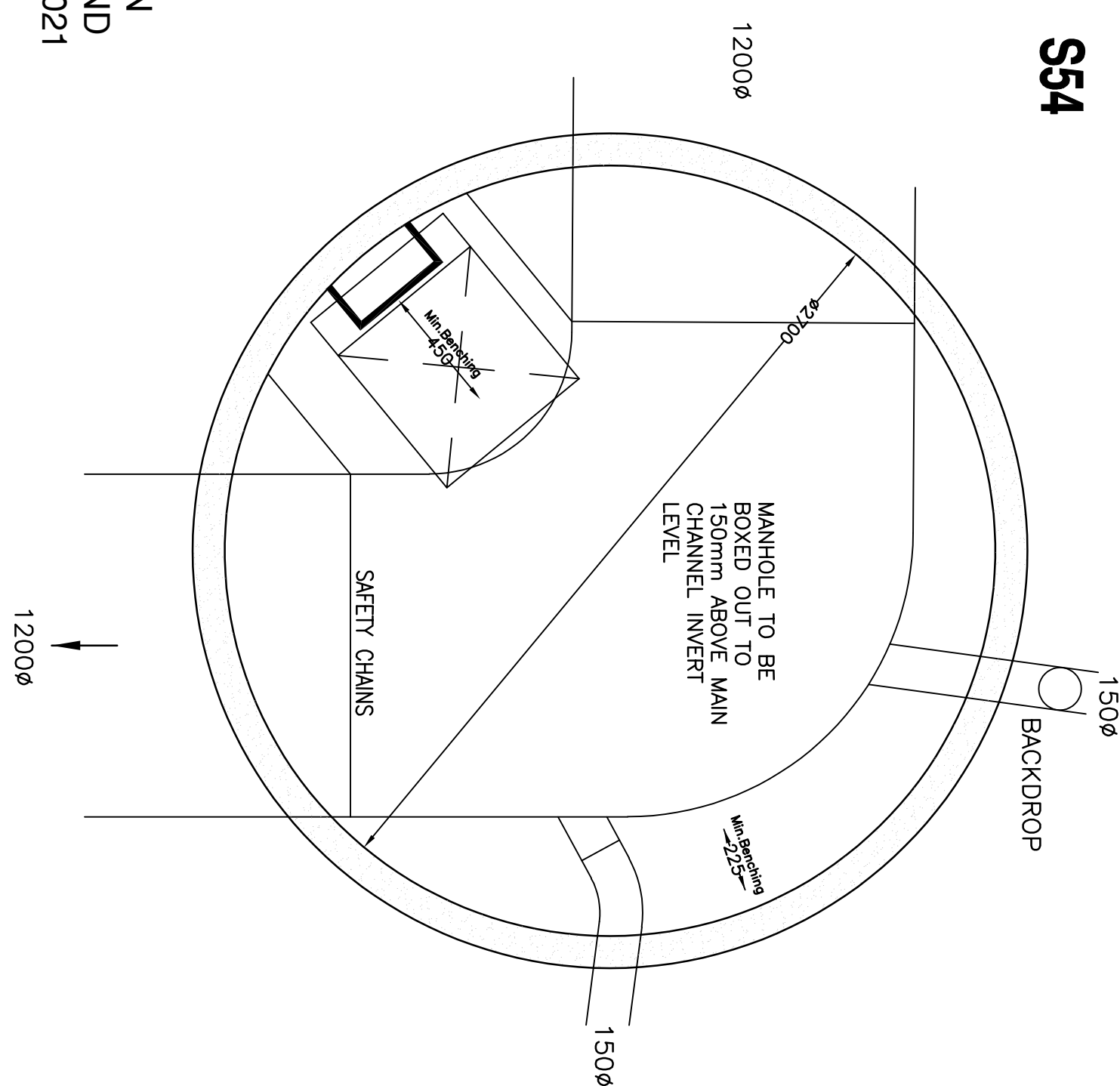
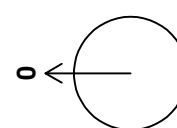
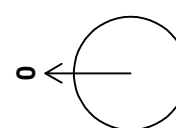
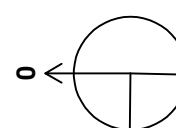
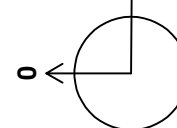
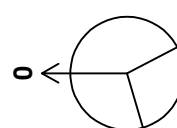




Manhole Number	Cover Level	Depth To Soft	Connections	Pipe			Manhole Size	Types		Other Detail				
				Code	Inverts	Diams		Manhole	Cover	Depth & Size (mm)	Means of Access	Safety Chains	Handrails	Invert Access Steps
S50	45.966	1.485					2700	SHALLOW ACCESS MH	D400	150 675 x 675 COVER SLAB OPENING	Double Steps	Yes	No	
	E = 366062.089 N = 397067.232			0	1.000	43.281								
S51	46.511	2.019					2400	SHALLOW ACCESS MH	D400	150 675 x 675 COVER SLAB OPENING	Double Steps	Yes	No	
	E = 366075.961 N = 397090.699			0	2.000	43.442								
S52	46.333	1.996		1	2.000	43.387	2700	SHALLOW ACCESS MH	D400	150 675 x 675 COVER SLAB OPENING	Double Steps	Yes	No	
	E = 366079.489 N = 397069.223			2	1.000	43.237								
S54	46.306	2.025		1	1.001	43.081	2700	SHALLOW ACCESS MH	D400	150 675 x 675 COVER SLAB OPENING	Double Steps	Yes	No	
	E = 366140.124 N = 397075.392			0	1.002	43.081								
S105	45.973	2.751		1	1.004	42.997								
	E = 366140.124 N = 397075.392			2	1.004	41.722								
***				0		41.722								

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

MANHOLE 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

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

1. All asbestos surveys and associated works to comply fully with Design and Construction Guidance
2. All highway works to be to adoptable standards and to comply fully with the Local Authority's Highway Code
3. All work to the Building Regulations
4. All existing inert bases to be checked by the Contractor at the start of works and any discrepancies notified to NEA.
5. All new bases to be checked by the Contractor at the start of works and any discrepancies notified to NEA.
6. All materials to have the relevant BS/ENmark and comply fully with the specifications.
7. All concrete & concrete products must use Sulphate resistant cement (unless the site investigation report proves that sulphate attack from rain and groundwater will not occur)
8. All the work to be carried out in accordance with the Highway Works Act, or to be obtained prior to commencement of works.
9. All works are to be inspected by LA, NHBC or Relevant Water Authority as appropriate.

C.D.M. REGULATIONS 2015

In line with the above regulations we are obliged to inform the Client of their responsibilities under section CDM 15/1, and residual risks 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. Wherever possible risks have been eliminated from the design, however due to the very nature of this type of work, it is not possible to remove all the risks from the design.

we would also respectably remind the client of his obligations to take all reasonable steps in ensuring that only competent contractors who have a valid safety policy are employed.

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 REFA below:--

1. Support / treatment for ALL excavation work.
2. Guarding to edges of excavations to prevent people, materials and vehicles falling into excavation.
3. Guarding of excavations outside working hours to prevent unauthorised access.
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 contractors and the general public.

For clarification on any item please contact NEFA.

[illegible]

Drawing Stage		Drawing Status	
Draft	Comments	●	Tender
● Issued	Information		Construction
	Approval	●	As Built

Client

**KELLEN HOMES
LIMITED**

**BENNETT STREET
MANCHESTER**

**BENNETT STREET
MANCHESTER**

Drawing title

MANHOLE SCHEMATICS
DRG 11 - SW



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GEOTECHNICAL ENVIRONMENTAL

GEOTECHNICAL ENVIRONMENTAL

Date	Scale	Drawn
29.11.22	1:20	RF

DRAWING No	22122/109/11	Rev D
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