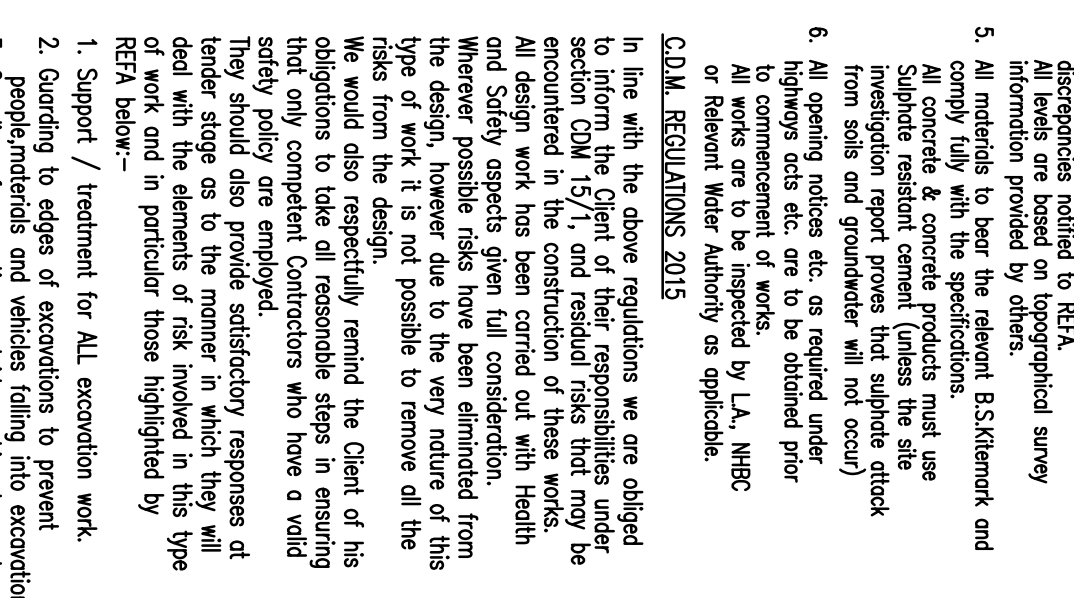
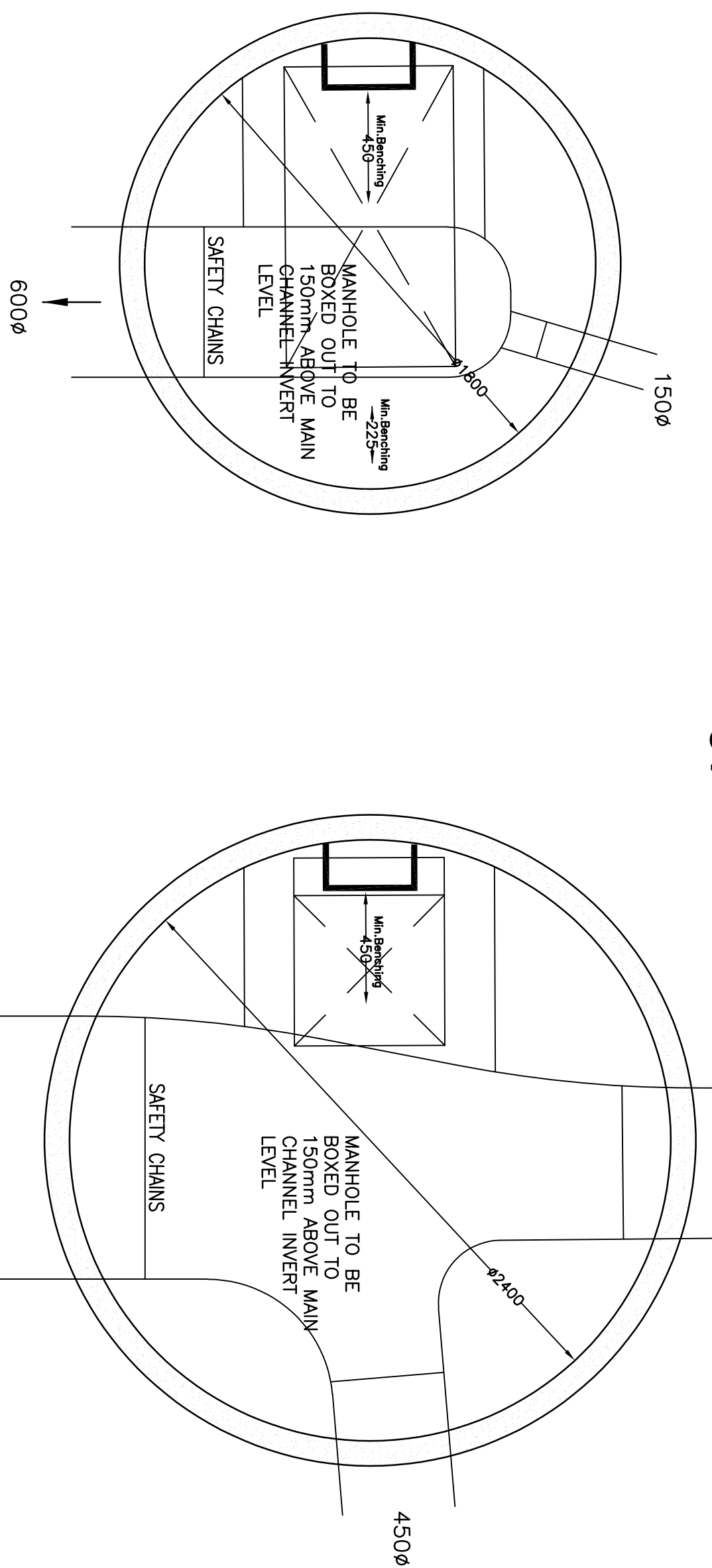
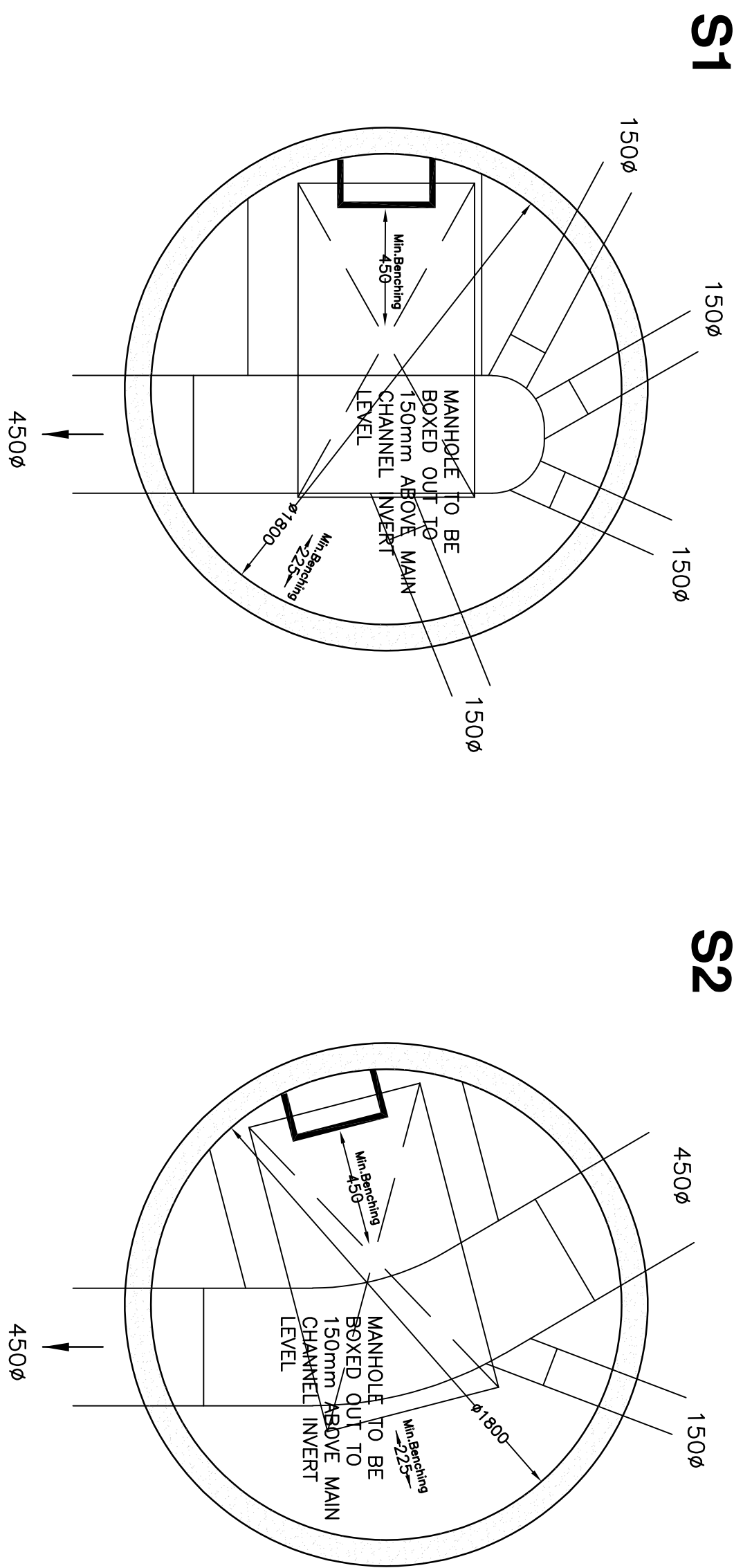
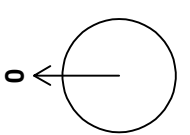
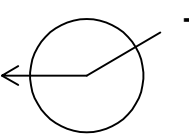
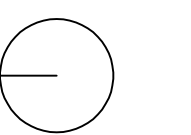
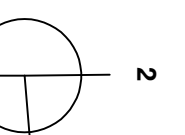
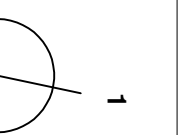
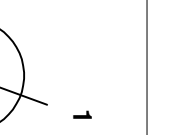
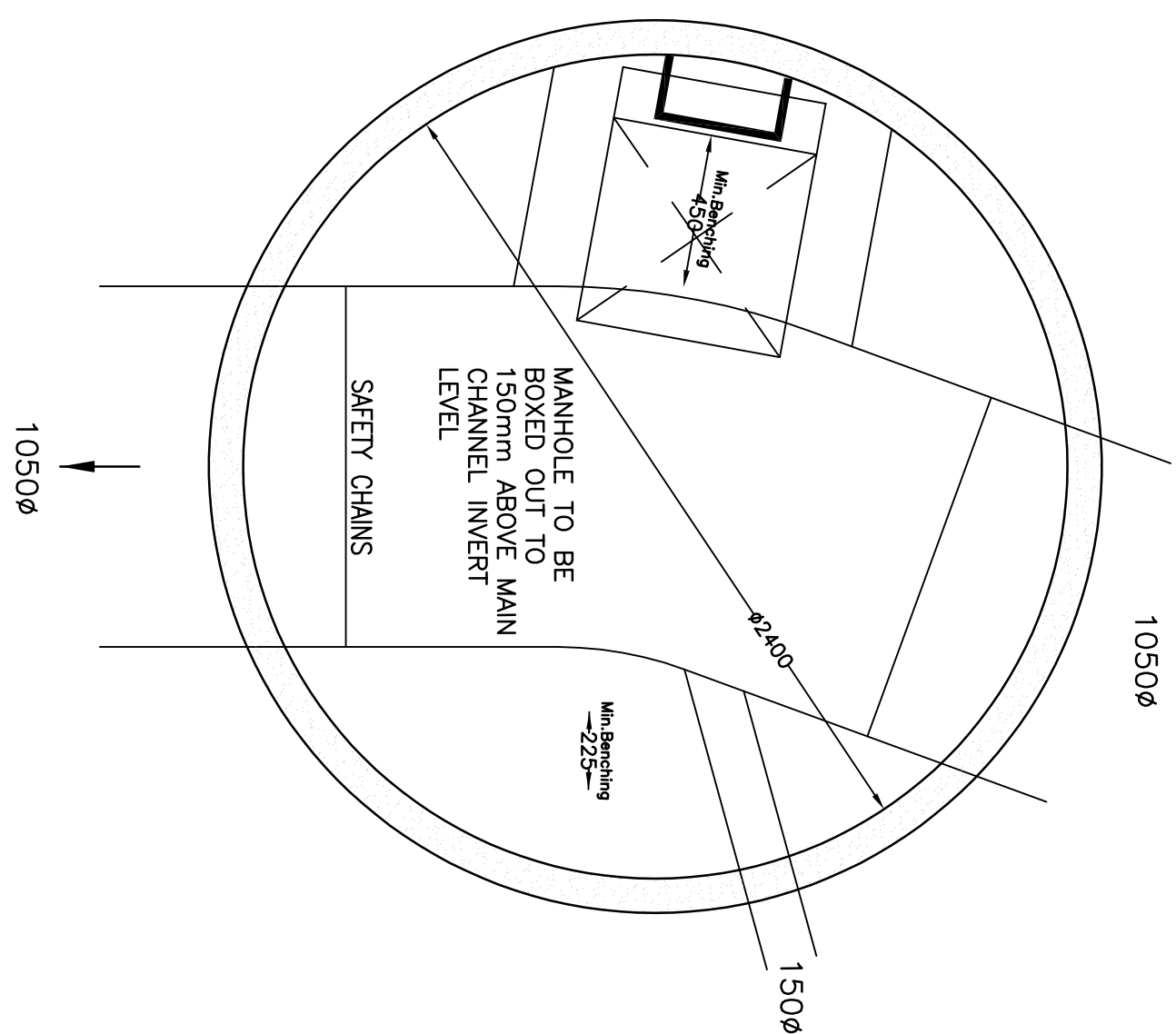
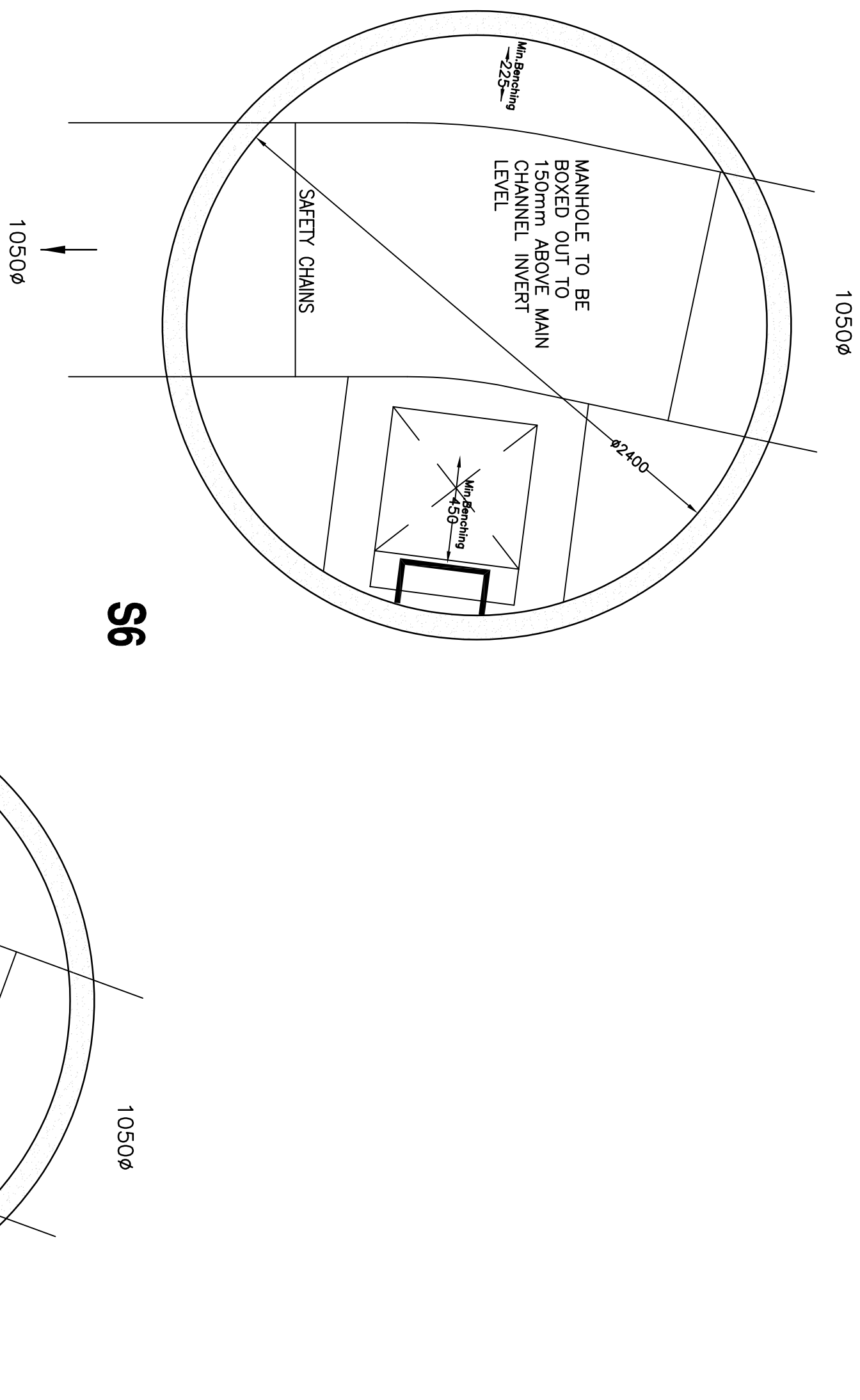




Manhole Number	Cover Level	Connections	Pipe				Manhole Size	Types		Other Detail					
			Code	Inverts	Diams	Manhole		Cover	Depth & Size (mm)	Means of Access	Safety Chains	Handrails	Invert Access Steps		
Coordinates	Depth To Soffit														
S1	45.245						1800	TYPE B FIGURE B10	D400	150		Double Steps	No	No	
	0.891		0	1.000	43.904	450									
E= 386307.520 N= 396943.294			0	1.000	43.904	450									
S2	45.510						1800	TYPE B FIGURE B10	D400	150		Double Steps	No	No	
	1.289		1	1.000	43.791	450									
E= 386278.397 N= 396976.963			0	1.001	43.791	450									
S3	45.598						1800	SHALLOW ACCESS MH	D400	150		Double Steps	Yes	No	
	1.027		0	2.000	43.531	600									
E= 386289.272 N= 396997.067			0	2.000	43.531	600									
S4	45.226		1	1.001	43.744	450	2400	SHALLOW ACCESS MH	D400	150		Double Steps	Yes	No	
	1.832		2	2.000	43.594	600									
E= 386274.827 N= 396995.207			0	1.002	43.144	1050									
S5	45.545						2400	SHALLOW ACCESS MH	D400	150		Double Steps	Yes	No	
	1.351		1	1.002	43.044	1050									
E= 386235.517 N= 396990.740			0	1.003	43.044	1050									
S6	45.657						2400	SHALLOW ACCESS MH	D400	150		Double Steps	Yes	No	
	1.623		1	1.003	42.994	1050									
E= 386216.590 N= 396994.760			0	1.004	42.994	1050									



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.

1. All materials, wastes and associated waste are to comply fully with Design and Construction Guidance and the relevant standards and to
2. All highway works to be to applicable standards and to
3. All private drainage works are to comply fully with part H of the Building Regulations
4. All existing invert levels to be checked by the client and any discrepancies related to REPA and any information provided by others.
5. All materials to be the relevant BS/EN/other and
6. All concrete and concrete products must use Sulphate resistant cement (unless the site investigation report proves that sulphate attack is not a risk)
7. All opening holes etc. as required under highway acts etc. are to be obtained prior to commencement of works.
8. All works are to be inspected by L.A. HREC

C.O.M.E. RESOLUTIONS 2015

In line with the above regulations you are obliged to inform the client of your responsibilities under the C.O.M.E. 15/15. It is your responsibility that he encountered in the construction of these works. All design work has been carried out with Health and Safety aspects given full consideration. There are possible risks to be seen identified from the design. It is not possible to remove all of the risks from the design.

We would also respectfully remind the Client of his obligations to take all reasonable steps ensuring that all 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 REPA below:-

1. support / treatment for ALL excavation work.
2. catering / storage of excavations to prevent contamination
3. fencing 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 provided.

The above list is by no means exhaustive but it does highlight operations that present a risk to contractors and the general public. REPA, for confirmation on any item please contact REPA.

[illegible]

Drawing Stage		Drawing Status	
Port		●	Tender
Issued	Information		Construction
	Approval	●	As Built

**KELLEN HOMES
LIMITED**

Job title
**BENNETT STREET
MANCHESTER**

Drawing title
**MANHOLE SCHEMATICS
DRG 5 - SW**

REFA		46, Bridgeman Terrace North, Levens Wigan, Lancs WA1 4LJ Tel:-(01942) 826020 Fax:-(01942) 230816	
<u>CONSULTING ENGINEERS</u>			
CIVIL, STRUCTURAL, GEOTECHNICAL, ENVIRONMENTAL			
Date	23/1/22	Scale	1:20
		Drawn	RF
DRAWING NO	22122/109/5	Rev	B