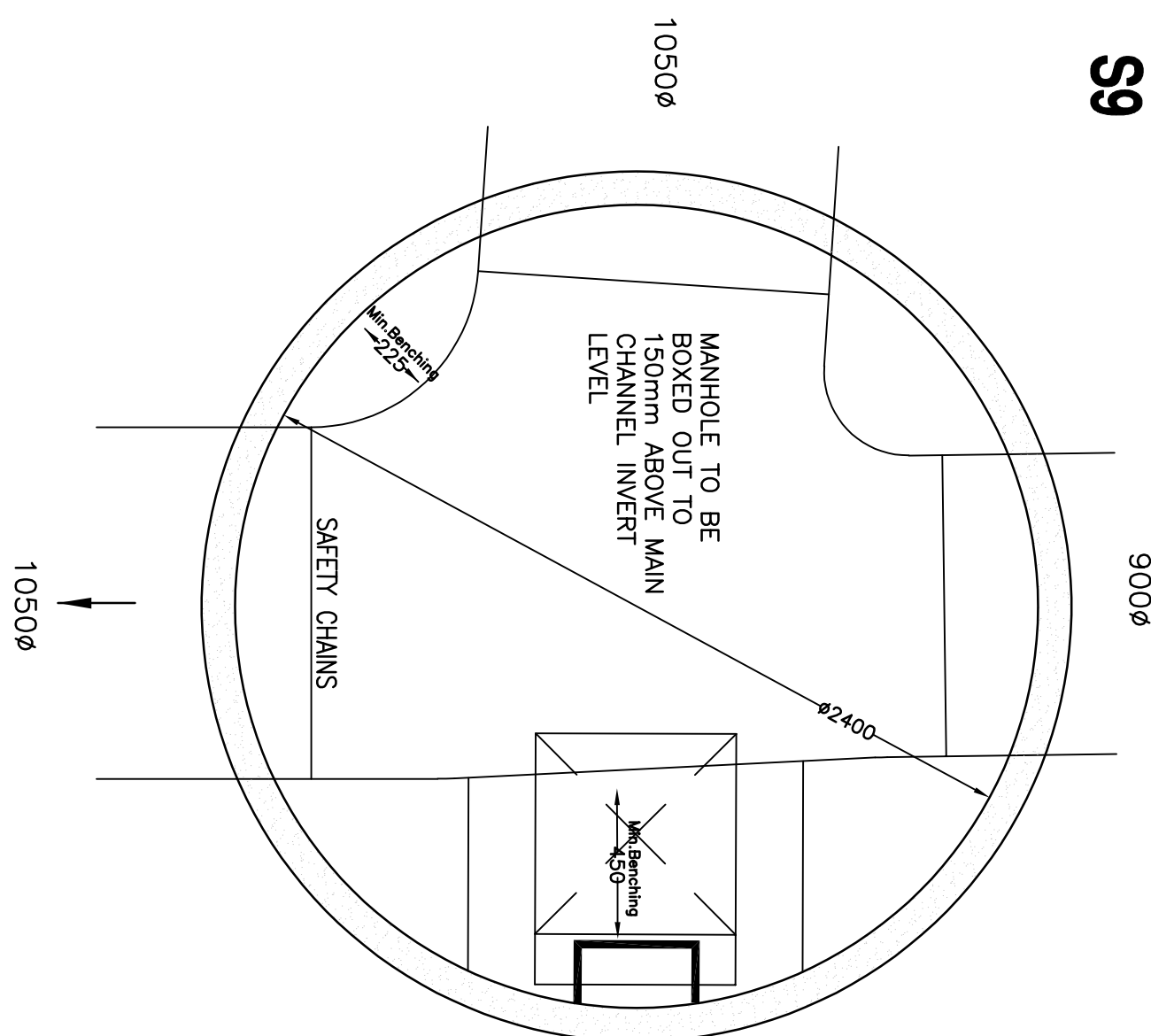
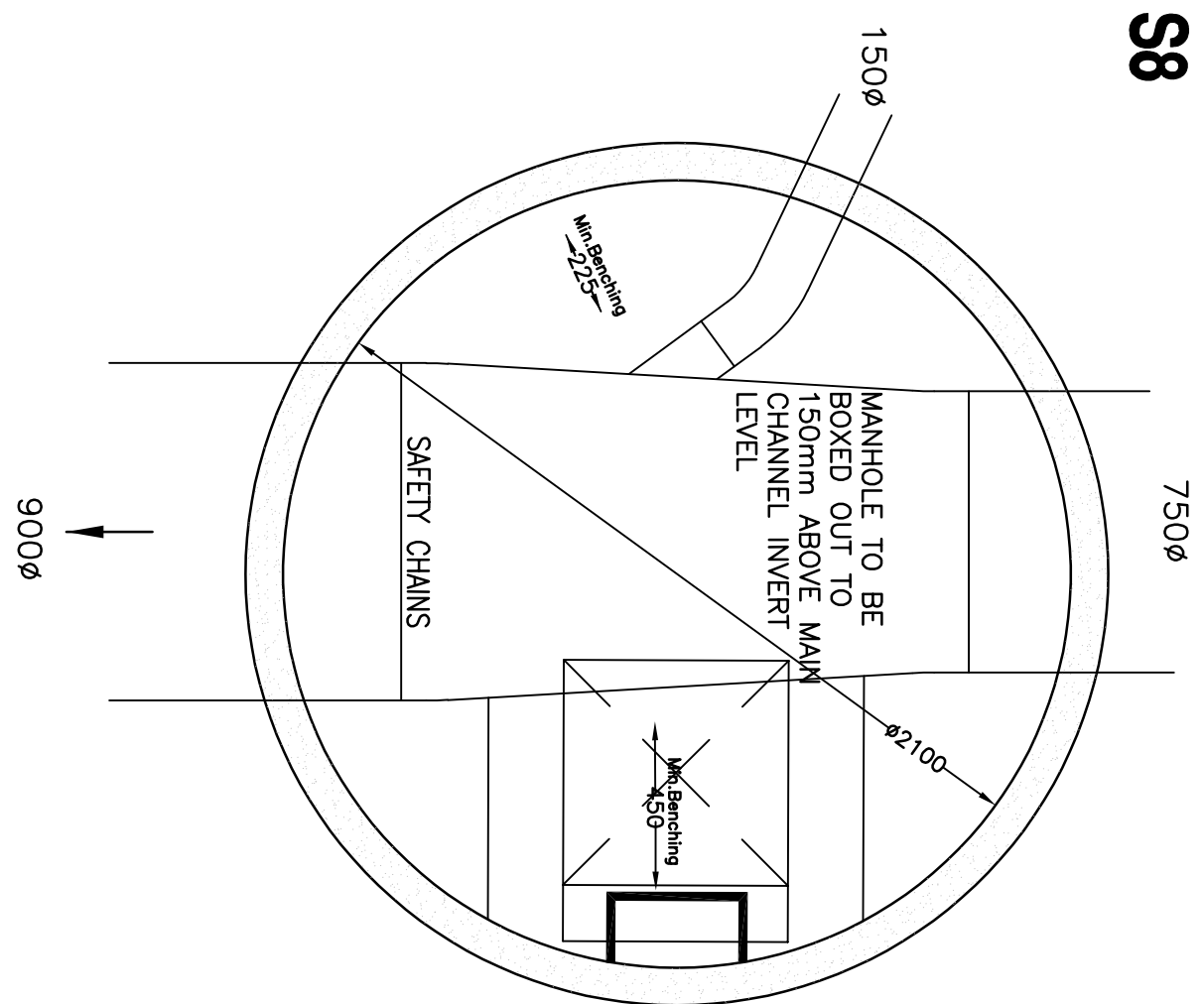
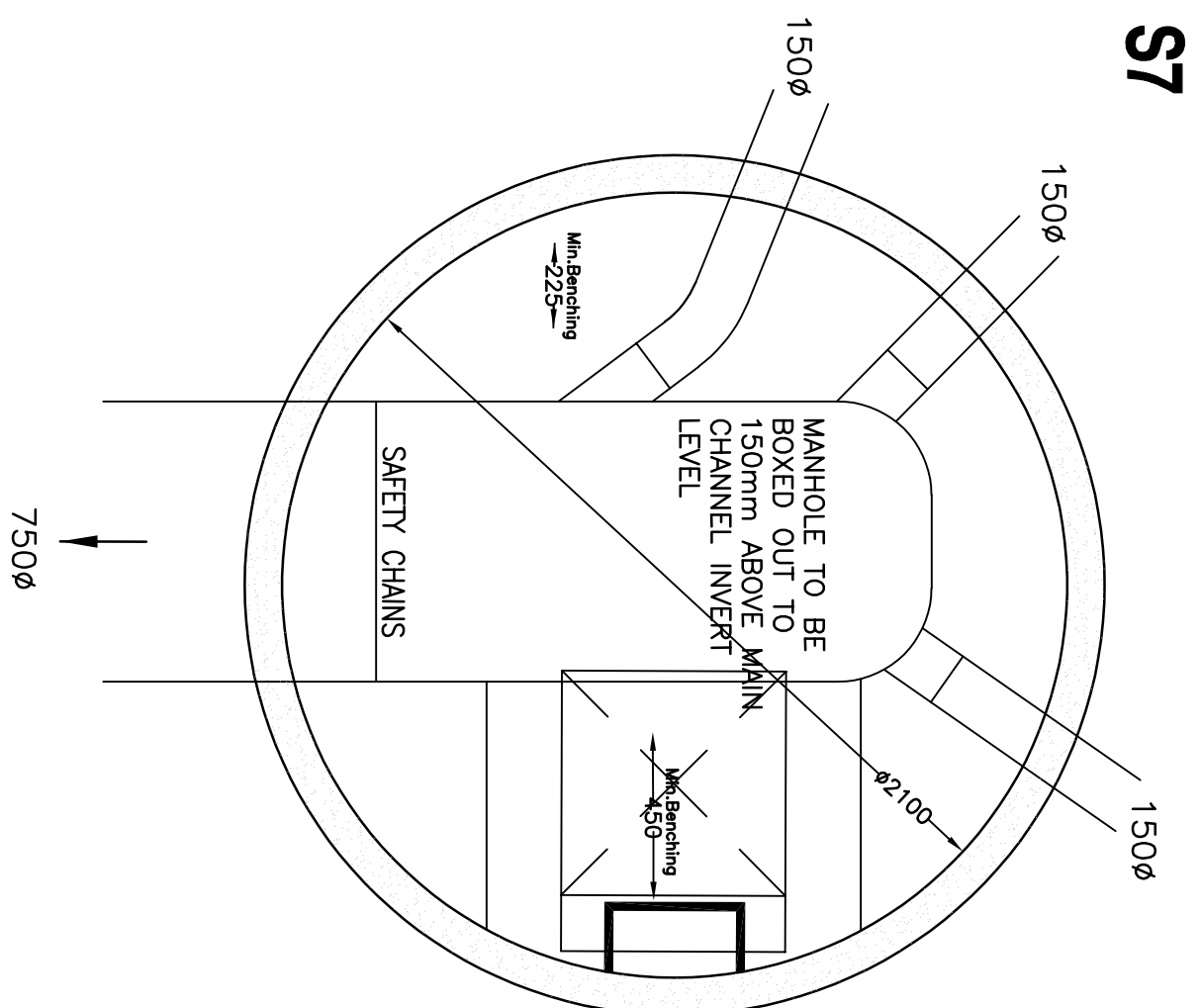
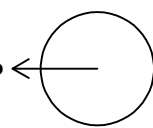
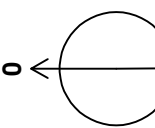
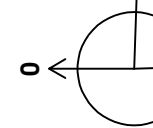
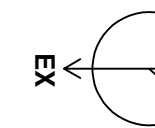




SW - NETWORK 2

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
S7	45,186 0.973					2100 SHALLOW ACCESS MH	D400	150 675 x 675 675 x 675 COVER SLAB OPENING	Double Steps	Yes	No	No
E= -386261.715 N= -396903.287			0 3.000	43.475 43.528	750							
S8	45,438 1.360					2100 SHALLOW ACCESS MH	D400	150 675 x 675 675 x 675 COVER SLAB OPENING	Double Steps	Yes	No	No
E= -386222.903 N= -396946.480			1 3.000	43.528	750							
S9	45,620 1.629					2400 SHALLOW ACCESS MH	D400	150 675 x 675 675 x 675 COVER SLAB OPENING	Double Steps	Yes	No	No
E= -386200.118 N= -396972.354			1 2 3.001 1.004	43.091 42.941	900 1050							
SCWC	45,782 2.493					3600 TYPE B FIGURE B10	D400	150 675 x 675 675 x 675 COVER SLAB OPENING	Double Steps	Yes	Yes	Yes
E= -386174.081 N= -397001.708			1 1.006	42.839	450							
..				40.889	2400							

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

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 CLIENTS RISK.

1. All acceptable awards and associated works are subject to the Design and Construction Ordinance and the relevant bye-laws.
2. All highway works to be to adoptable standards and to comply fully with the local Authority's policy.
3. All private drainage works to comply fully with the local Authority's policy.
4. All existing street works to be checked by the District Engineer before any work is carried out and any discrepancies notified to REFA.
5. All works are based on topographical survey information.
6. All materials to bear the relevant BS/standard 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 soils and groundwater will not occur)
8. All opening roads etc. as required under the Highways Act 1980 to be undertaken prior to commencement of works.
9. All works are to be inspected by LA, NHBC or Relevant Water Authority as applicable.

C.D.M. REGULATIONS 2015

In line with the above regulations we are obliged to inform the Client of their responsibilities under section OSHA 1910, and residual risks that may be associated with the work. 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 therefore 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 of tender stops due to the manner in which they will work with the elements of risk involved in this type of work. In particular those signified by the ENE Review:-

1. Signage / letters for all excavation work.
 2. Guarding to protect from excavation to prevent the collapse of vehicles falling into the 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 testing where contaminated ground is present on site.
 10. Confirmation will be provided 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 confirmation on any item please contact REPA.

[illegible]

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

Client

**KELLEN HOMES
LIMITED**

Job title
**BENNETT STREET
MANCHESTER**

MANHOLE SCHEMATICS
DRG 6 - SW



45 Bridgeman Terrace
Wigan, Lancs
WN1 1TT
Tel: -(01942) 826020
Fax: -(01942) 230816

CONSULTING ENGINEERS

GEOTECHNICAL ENVIRONMENTAL

Date 29.11.22	Scale 1:20	Drawn RF
DRAWING NO	22122/109/6	Rev C

This drawing is the property of REFA and should not be copied or its contents divulged without prior written consent.