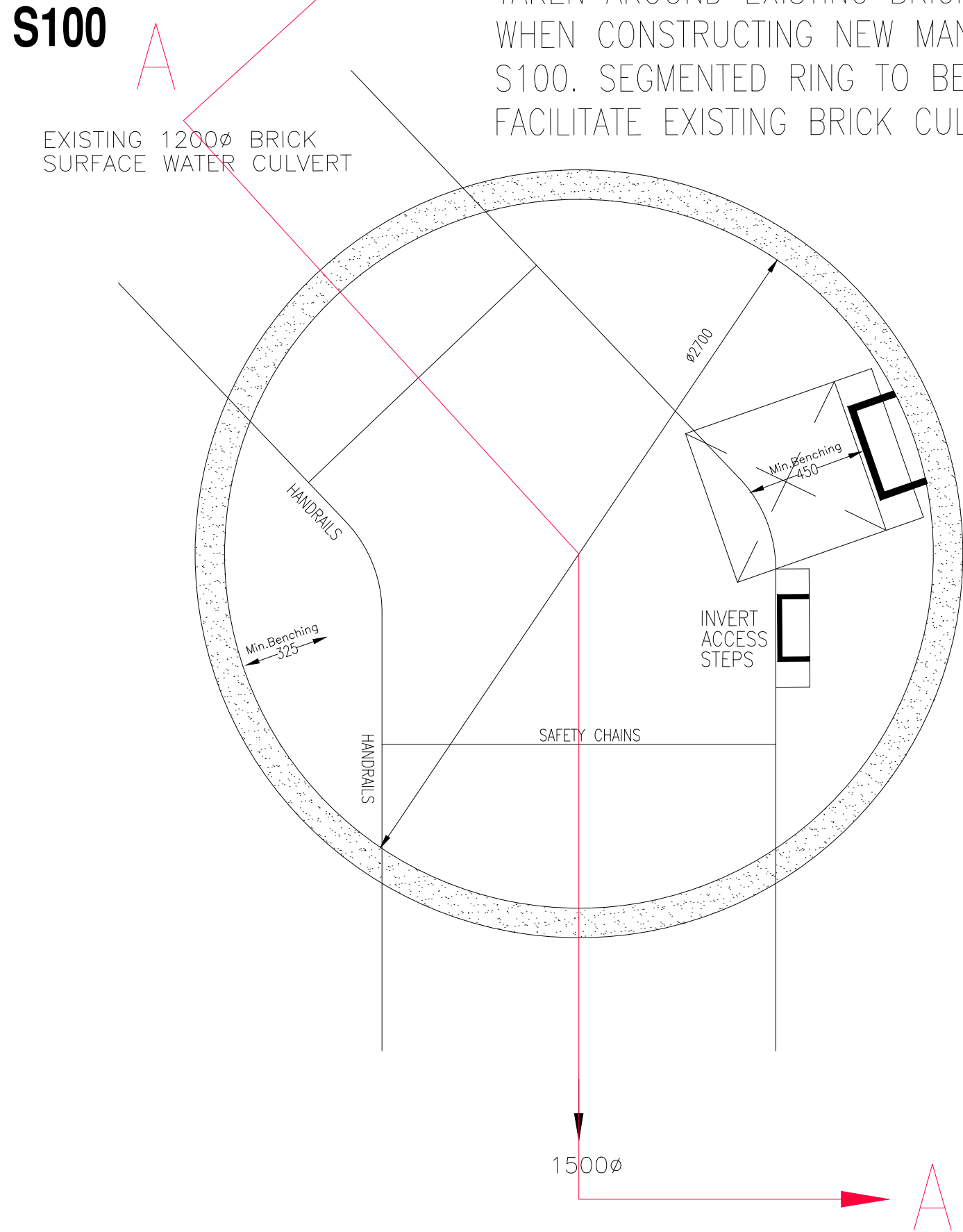
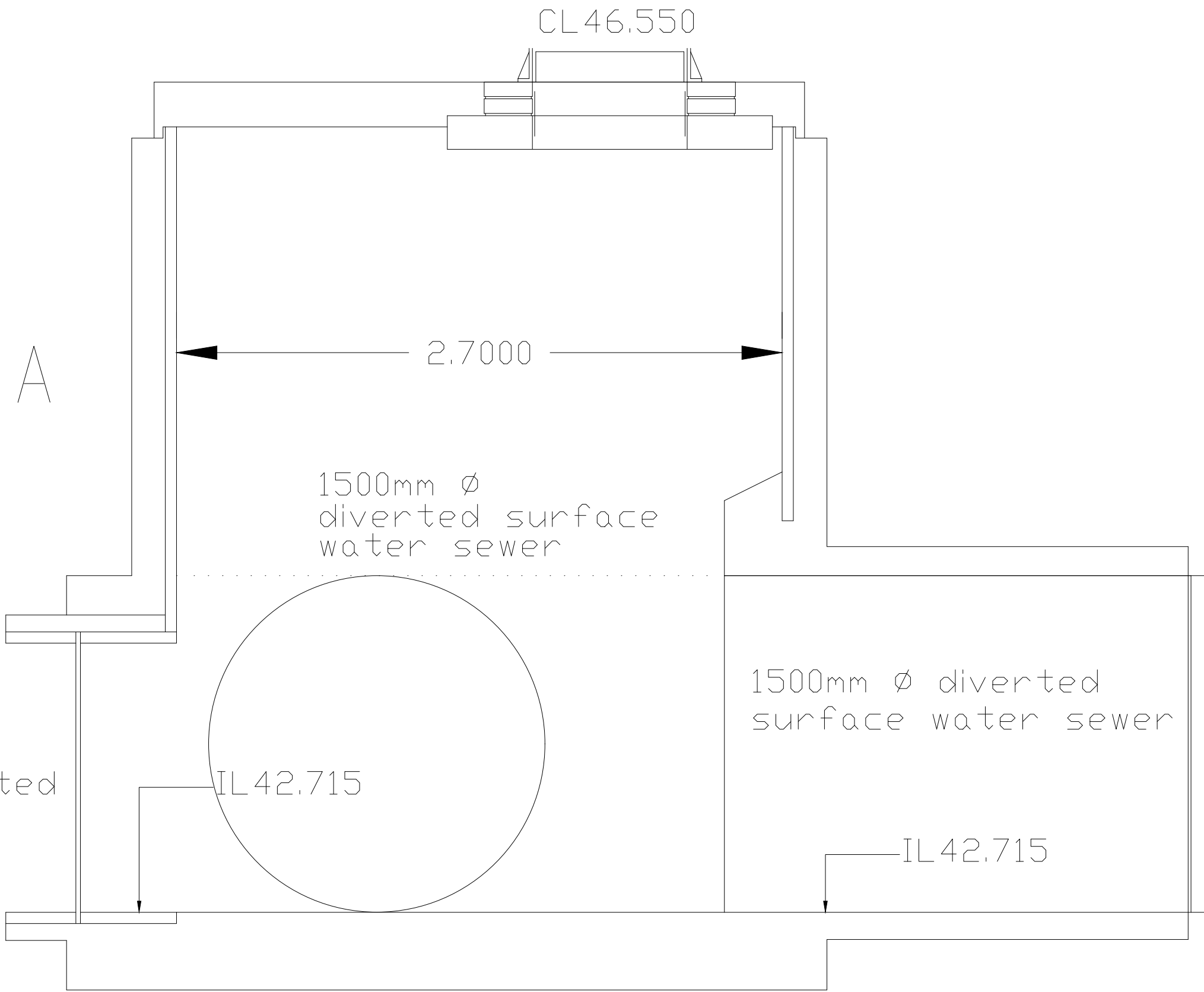


PLEASE NOTE THAT THIS DRAWING IS ISSUED FOR INFORMATION/TENDER PURPOSES ONLY UNTIL TECHNICAL APPROVAL HAS BEEN GRANTED.
ANY WORK UNDERTAKEN PRIOR TO TECHNICAL APPROVAL BEING GRANTED IS AT THE CLIENTS RISK.



SECTION A

1200mm Ø existing
brick surface water
culvert to be diverted



Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		Other Detail						
Coordinates	Depth To Soffit		Code	Inverts	Diams		Manhole	Cover	Depth & Size (mm)	Means of Access	Safety Chains	Handrails	Invert Access Steps		
S100	46.550					2700	TYPE A2 FIGURE B7	D400	150 600 x 600	Ladder	Yes	Yes	Yes		
E= 386239.047	2.335														750 x 600 COVER SLAB OPENING
N= 397142.52			0	1.000	42.715				1500						

GENERAL

1. All adoptable sewers and associated works are to comply fully with 'Design and Construction Guidance' & 'Local Practices'
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 H of the Building Regulations
4. All existing invert levels to be checked by the Contractor at the start of works and any discrepancies notified to RFA. All levels are based on datum, technical survey information provided by others.
5. All materials to bear the relevant B.S./Kitemark and comply fully with the specifications.
 - 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)
6. All opening notices etc. as required under highways acts etc. are to be obtained prior to commencement of works.
 - 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 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 respectfully 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 REFA.

D	TO LATEST DESIGN	AS	06.02.20
C	REVISED TO LATEST DESIGN	AS	20.02.20
B	MH CD DRDS ADDED	AS	23.02.20
A	REVISED TO CLIENT COMMENTS	AS	19.01.23
rev	Revision details	RevBy	Date


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as recognised by

 SAFETY SCHEMES IN PROCUREMENT

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

Client

KELLEN HOMES

Job title

**BENNETT STREET
MANCHESTER**

Drawing title

SW MANHOLE

SCHEMATICS DRG 5

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CONSULTING ENGINEERS

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GEOTECHNICAL • ENVIRONMENTAL

Date 18.11.22	Scale 1:20	Drawn AS
DRAWING No	22122/104/7	Rev D

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