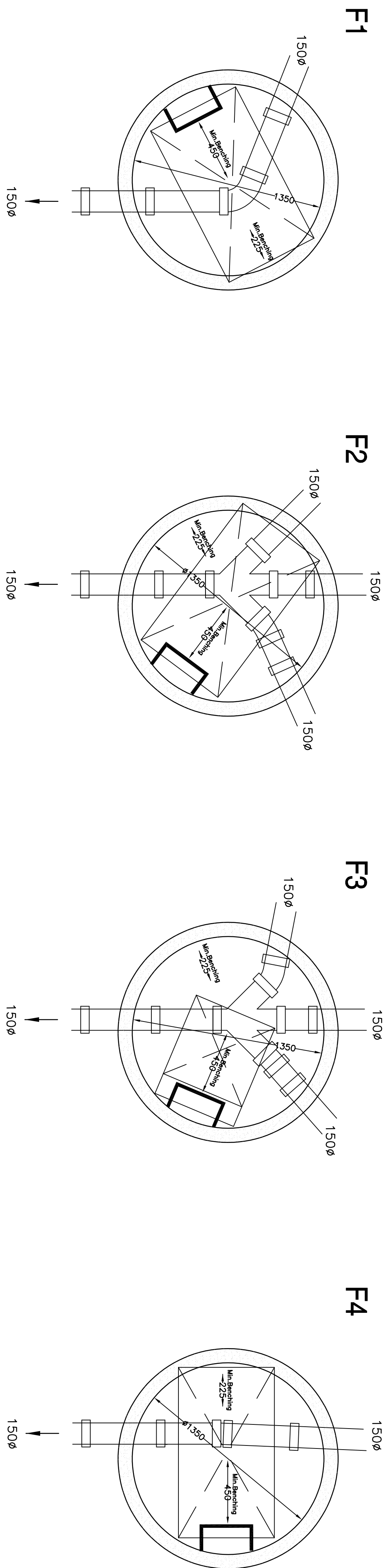
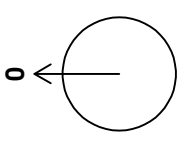
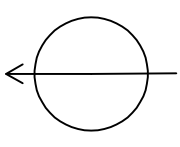
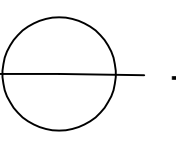
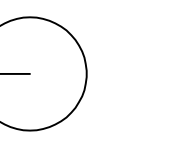
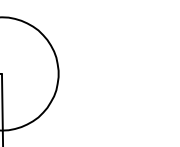
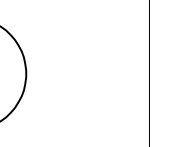




Manhole Number	Cover Level	Depth To Soffit	Connections	Pipe			Manhole Size	Other Detail						
				Code	Inverts	Diams		Types	Manhole	Cover	Depth & Size (mm)	Means of Access	Safety Chains	Handrails
F1	46.237					1350	TYPE C FIGURE B15	D400	150	1220 x 685 COVER SLAB OPENING	Double Steps	No	No	No
	E= 386257.942 N= 397069.156		1.187	0	1.000									
F2	45.985					1350	TYPE D FIGURE B15	D400	150	1220 x 685 COVER SLAB OPENING	Double Steps	No	No	No
	E= 386224.815 N= 397065.282		1.157	0	1.001									
F3	46.067					1350	TYPE B FIGURE B9	D400	150	675 x 675 COVER SLAB OPENING	Double Steps	No	No	No
	E= 386173.233 N= 397059.576		1.585	0	1.001									
F4	46.527					1350	TYPE C FIGURE B15	D400	150	1220 x 685 COVER SLAB OPENING	Double Steps	No	No	No
	E= 386073.066 N= 397093.232		1.466	0	2.000									
F5	46.371					1350	TYPE C FIGURE B15	D400	150	1220 x 685 COVER SLAB OPENING	Double Steps	No	No	No
	E= 386081.796 N= 397071.909		1.455	0	2.001									
F6	46.212					1350	TYPE B FIGURE B9	D400	150	675 x 675 COVER SLAB OPENING	Double Steps	No	No	No
	E= 386147.268 N= 397078.814		1.737	0	2.002									

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.

GENERAL

1. All disposable shares and associated works are to be completed in accordance with the Design and Construction Ordinance and Local Practices
2. All highway works to be in accordance with standards and to comply with the Local Authority specification
3. All works to be completed in accordance with the Highway Rules, 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 differences to be reported to the Engineer. All levels are based on topographical survey information provided by others.
5. All materials to have the relevant BS/Metric and comply with the specifications.
6. All existing road works to be completed and used as a temporary access route. The Contractor must ensure that the site is kept clear of any materials and debris. A site investigation report proves that sulphate attack from salt and groundwater will not occur)
6. All ongoing policies etc. as required under the Highway Rules and the Local Authority to commencement of works. 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 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.

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. Stopping / treatment for ALL excavation work.
 2. Guarding to edges of excavations to prevent people, materials and vehicles falling into excavations.
 3. Guarding of excavations outside working hours to prevent unauthorised access.
 4. Underpinning to adjacent road 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, possess 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.

	Rev	Revised	Details	Rev	Revised	Date
D			F1 CL MINOR REVISION	R#	SOL	
C			COVER SIZES REVISED AS SUD COMMENTS	R#	SOL	
B			SEWER DESIGN REVISED FOLLOWING	R#	SOL	
A			MUNICIPALITY TO F0, F3, F4 & F5	R#	SOL	
			COVER LEVELS			
			Revision Details	Rev	Revised	Date

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

Client

**KELLEN HOMES
LIMITED**

Job title
**BENNETT STREET
MANCHESTER**

Drawing title

MANHOLE SCHEMATICS



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

GEOTECHNICAL ENVIRONMENTAL

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

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