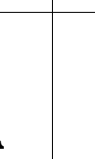
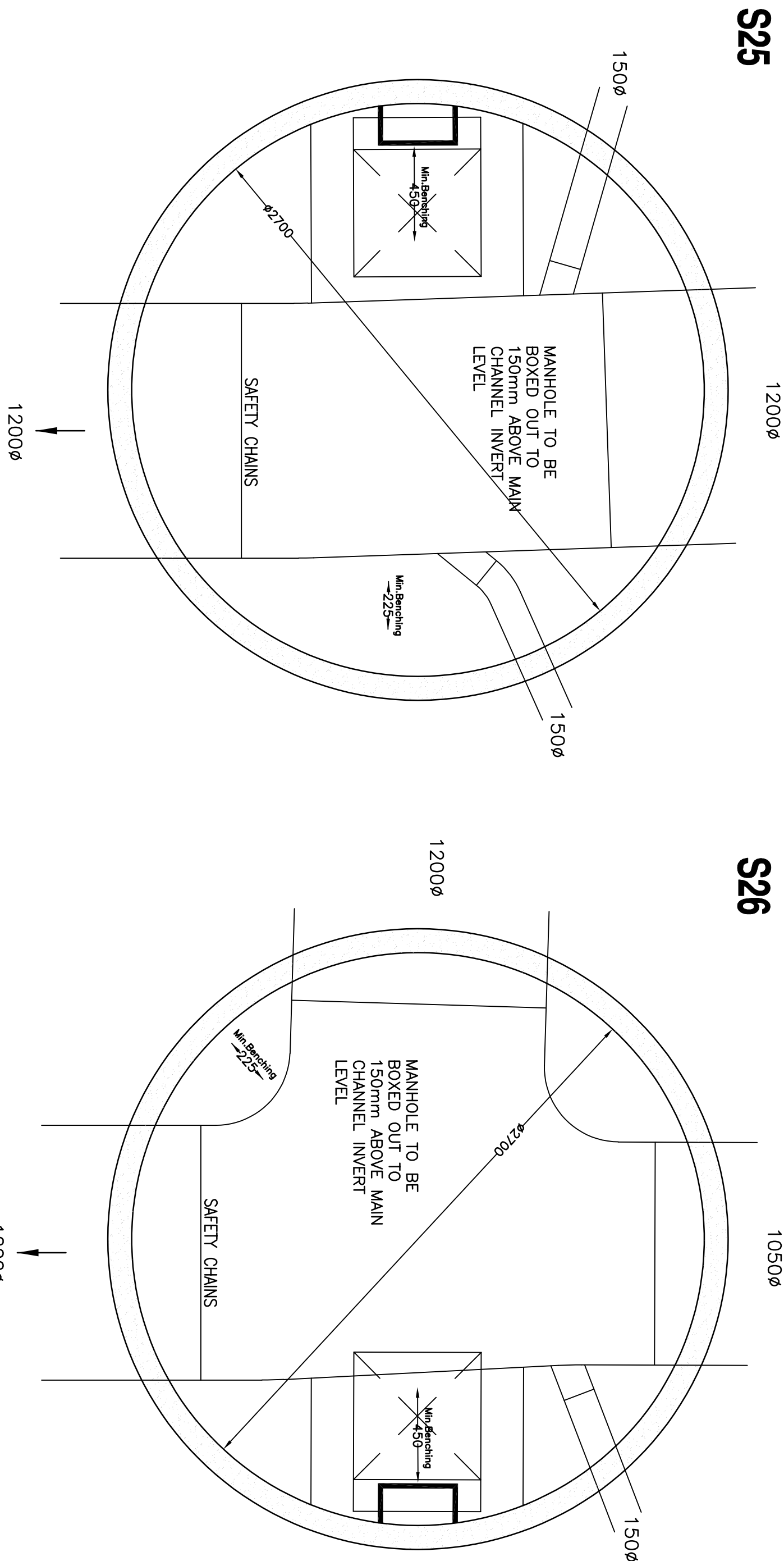


SW - NETWORK 3

Manhole Number	Cover Level	Depth to Soffit	Connections	Pipe			Manhole Size	Types		Other Detail					
				Code	Inverts	Diams		Manhole	Cover	Depth & Size (mm)	Means of Access	Safety Chains	Handrails	Invert Access Steps	
S25	46,110 1,728		1	2,000	43,182	1200	2700	SHALLOW ACCESS MH	D400	150	675 x 675	Double COVER SLAB OPENING	Double Steps	Yes	No
N= 386264,301 N= 397097,451			0	2,001	43,182	1200									
S26	46,272 1,964		1	2,001	43,258	1050	2700	SHALLOW ACCESS MH	D400	150	675 x 675	Double COVER SLAB OPENING	Double Steps	Yes	No
				2	2,001	1200									
E= 386266,996 N= 397068,190				1,004	43,108	1200									



MANHOLES 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

1. **Safe working areas and associated works**
 - 1.1. To comply fully with 'Design and Construction Ordinance' and 'Local Practices'
 2. All highway works to be to acceptable standards and to comply with the relevant standards and regulations.
 3. All traffic drainage works are to comply fully with part II of the Building Regulations
 4. All existing level levels to be checked by the surveyor and the relevant drawings to be updated to reflect any discrepancies notified to REFAs and any information provided by others.
 5. All methods to be used to be approved by S.A. Karam and S.A. Al-Husseini
 6. All concrete & concrete products must use suitable resistant concrete (unless the site investigation report proves that suitable stockpile concrete can be used)
 7. All existing utilities, etc. or required utilities, highways etc. are to be obtained prior to commencement of works.
 8. All works are to be inspected by L.A. NRCB and approved by the relevant authority.
2. **LOCAL REGULATIONS 2015**
 1. In line with the above regulations we are obliged to comply with the relevant regulations, standards and codes of practice (S.A. Karam and S.A. Al-Husseini) in the construction of these works.
 2. All design work has been carried out with Health and Safety aspects given full consideration, however possible risks have been eliminated from the design and it is not possible to remove all the risks from the design.
 3. We would also respectfully remind the Client of his obligations to take of reasonable steps in ensuring that the design is safe and that the design and safety policy are employed.
 4. They should also provide satisfactory response 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 REFAs below.
 5. **SUPPORT / treatment for ALL excavation work.**
 1. Guarding to edges of excavations to prevent falls.
 2. Guarding of excavations outside working hours to prevent unauthorized access.
 3. Undermining to adjacent roads or structures.
 4. Defined space operations.
 5. Dealing with existing services.
 6. Traffic management on existing highways.
 7. Traffic management on existing highways.
 8. Procedure to be followed in event of accident or emergency.
 6. **Method of working where contaminated ground is present on site**
 1. Contamination will be required that all operatives are adequately trained, copies of relevant training certificates to be submitted to the Client.
 2. The above shall be by no means exhaustive but it does highlight operations that present a risk to contractors and the general public.
 3. In addition on any item these contract, REFA, for confirmation