LOCATION PLAN
SCALE 1:500

H-H

CHAINAGE	0.000	5.000	8.737	10.000	15.000	20.000	25.000	30.000	35.000	36.264
SURVEY LEVEL	160.086	159.991	159.848		159.631	159.491	159.399	159.283	159.961	159.005
PROPOSED LEVEL	160.100	159.868	159.713		159.846	158.816	158.700	159.336	160.000	160.000

I-I

CHAINAGE	0.000	5.000	10.000	15.000	20.000	25.000	25.759
SURVEY LEVEL	158.234	158.339	158.441	158.542	158.631	158.716	158.739
PROPOSED LEVEL	158.870	158.860	159.026	158.200	158.979	159.400	159.400

J-J

CHAINAGE	0.000	5.000	10.000	15.000	19.513
SURVEY LEVEL	157.835	157.963	158.058	158.153	158.260
PROPOSED LEVEL	158.500	158.551	158.703	158.674	158.700

R-R

CHAINAGE	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000
SURVEY LEVEL	148.906	149.024	149.218	149.886	151.185	151.898	152.395	153.023	153.511	153.918
PROPOSED LEVEL	148.906	149.024	149.218	149.658	151.725	151.898	156.281	156.575	156.575	156.575

K-K

CHAINAGE	0.000	5.000	10.000	15.000	20.000	25.000	28.582
SURVEY LEVEL	157.184	157.235	157.274	157.305	157.253	156.241	156.324
PROPOSED LEVEL	157.940	157.962	158.095	158.140	158.200	158.200	158.060

S-S

CHAINAGE	0.000	5.000	10.000	15.000	20.000	25.000	28.766
SURVEY LEVEL	164.026	164.437	163.026	163.584	166.187	166.789	167.410
PROPOSED LEVEL	163.225	163.402	164.109	165.464	165.937	166.186	167.410

L-L

CHAINAGE	0.000	5.000	10.000	15.000	20.000	25.000	28.464
SURVEY LEVEL	154.156	154.597	154.971	155.320	155.648	155.976	156.295
PROPOSED LEVEL	156.750	156.756	156.763	157.150	157.250	157.250	157.060

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 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 REFA.
   All levels are based on topographical 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 L.A., 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. Undermining 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.

rev	Revision details	Rev.By	Date

worksafe designer — www.smasltd.com — SSIP SAFETY SCHEMES IN PROCUREMENT

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

Client
NORTHSTONE LIMITED

Job title
HORWICH GOLF CLUB
HORWICH

Drawing title
SITE SECTIONS
DRG 2

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CONSULTING ENGINEERS
CIVIL • STRUCTURAL
GEOTECHNICAL • ENVIRONMENTAL

Date	Scale	Drawn
30.03.23	1:500 & 1:250	RW

DRAWING No 22108/117/2 — Rev

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A0 SHEET