

L =56.471

Chainage

Levels

Levels

Proposed

Horizontal

Geometry

Vertical

Surface

Water CL

Surface

Water IL

Surface

Foul

Foul

Foul

Water CL

Water IL

Water Details

**ROAD 9 TH1 - LONGSECTION** 

SCALE: H 1:250,V 1:50. DATUM: 130.000

Water Details

Geometry

Chainage

Levels

L =21.628

Horizontal

Geometry

Vertical

Geometry

Surface

Water CL

Surface

Water IL

Surface

Foul

Foul

Foul

Water CL

Water IL

Water Details

ROAD 9 TH2 - LONGSECTION

SCALE: H 1:250,V 1:50. DATUM: 125.000

Water Details

Chainage

Existing

Levels

Horizontal

Geometry

Geometry

Surface

Water CL

Surface

Water IL

Surface

Water CL

Water IL

Water Details

**ROAD 10 - LONGSECTION** 

SCALE: H 1:250,V 1:50. DATUM: 128.000

Foul

Foul

Foul

Water Details

Vertical

L =8.935

G=2.500% L=5.000 L=3.935 L=1.546

L =19.423

R: 50.000 L: 23.374 \_i Chainage

Existing

Levels

Proposed

Horizontal

Geometry

Geometry

Vertical

Surface

Water CL

Surface

Water IL

Surface

Foul Water CL

Foul

Foul

Water IL

Water Details

ROAD 10 TH - LONGSECTION

SCALE: H 1:250,V 1:50. DATUM: 125.000

Water Details

L =10.950

G =-1.250% L =10.950

G =-1.250% L =12.814

Levels

NA AE 01 DR CHK REV **SCHEMATIC** www.rwo.group info@rwo.group 0330 0566900 NEWCASTLE LEEDS LONDON STOKESLEY **GLEEESON HOMES** HARRAS MOOR WHITEHAVEN PROPOSED LONGSECTIONS SHEET 4 OF 7 @:A0 1:250 CIVIL 24339-RWO-XX-XX-DR-C-0303

DESIGN RISK NOTES:

1. IN ACCORDANCE WITH THE CONSTRUCTION (DESIGN & MANAGEMENT) REGULATIONS 2015, IT IS THE POLICY OF THIS PRACTICE TO 'DESIGN OUT' AS MANY IDENTIFIABLE RISKS AS POSSIBLE FOR THE CONSTRUCTION, OPERATION AND MAINTENANCE OF THE PROJECT.

2. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PRE CONSTRUCTION INFORMATION WHICH

ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE PRE CONSTRUCTION INFORMATION WHICH IS DEFINED IN THE CONSTRUCTION (DESIGN & MANAGEMENT) REGULATIONS 2015.
 A COMPETENT CONTRACTOR SHOULD BE AWARE OF 'NORMAL' RISKS INVOLVED WITH THE CONSTRUCTION PROCESS. HOWEVER ADDITIONAL PRECAUTIONS WILL NEED TO BE CONSIDERED FOR THE FOLLOWING ITEMS:

 A) NONE IDENTIFIED.

 SAFE METHODS AND SYSTEMS OF WORK REMAIN THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE IDENTIFIED IN THE CONSTRUCTION PHASE PLAN. THE CONSTRUCTION PHASE PLAN MUST BE IN PLACE PRIOR TO THE START OF ANY MOBILIZATION OR SITE WORKS.
 RESIDUAL RISKS THAT HAVE BEEN IDENTIFIED AND CANNOT BE 'DESIGNED OUT' ARE AS FOLLOWS:

 A) NONE IDENTIFIED

A) NONE IDENTIFIED.
 IF ANY PARTY USING THIS DRAWING CONSIDERS THAT THERE ARE 'ABNORMAL' RISKS THAT HAVE NOT BEEN IDENTIFIED ABOVE, THEN THE ENGINEER SHOULD BE NOTIFIED.

ADDITIONAL HEALTH & SAFETY NOTES:

1. CONTRACTOR SHOULD BE AWARE OF GENERAL CONSTRUCTION RISKS TO PREVENT SLIPS, TRIPS AND FALLS AND TAKE NECESSARY PRECAUTIONS WITHOUT SPECIAL INSTRUCTION.

FALLS AND TAKE NECESSARY PRECAUTIONS WITHOUT SPECIAL INSTRUCTION.

ROADS & DRAINAGE

2. CONTRACTOR TO PROVIDE TRENCH SUPPORTS AS APPROPRIATE AND ENSURE THAT PLANT REMAINS A
SAFE DISTANCE FROM TRENCHES PRIOR TO INSTALLING DRAINAGE
3. THE TIME THAT EXCAVATIONS ARE OPEN ON SITE SHOULD BE KEPT TO A MINIMUM AND ALL TRENCHES
SHOULD BE SURROUNDED BY A BARRIER.
4. CONNECTIONS TO EXISTING SEWERS TO BE MADE BY APPROVED CONTRACTOR ONLY.
5. CONTRACTOR TO MAKE OPERATIVES AWARE OF ASSOCIATED DANGERS TO HEALTH SUCH AS
LEPTOSPIROSIS (WEILS DISEASE) AND RECOMMENDED PRECAUTIONS. ADEQUATE WELFARE FACILITIES
AND PROTECTIVE CLOTHING TO BE PROVIDED AS REQUIRED.
6. UNFINISHED MANHOLES MUST BE COVERED WITH LOAD BEARING MATERIALS AND SURROUNDED WITH
BARRIER.

PIPES & CABLES
7. CONTRACTOR TO OBTAIN ALL SERVICE RECORDS PRIOR TO WORKS COMMENCING.
8. SERVICE RECORDS TO BE REFERRED TO PRIOR TO WORK COMMENCING. CONTRACTOR TO PROCEED WITH CAUTION AND SERVICES TO BE LOCATED BY HAND DIG AND PROTECTED ACCORDINGLY.

EXCAVATION/FILL

9. CONTRACTOR TO ENSURE RELEVANT MEASURES ARE TAKEN TO KEEP PLANT AND PEOPLE A SAFE DISTANCE FROM STEEP SLOPES DURING THE WORKS.

10. CONTRACTOR TO ENSURE THAT PROCEDURES ARE IN PLACE TO KEEP PEOPLE A SAFE DISTANCE FROM

WORKING PLANT WHERE NECESSARY.

CONTRACTOR TO REFER TO GROUND INVESTIGATION REPORT FOR CONTAMINATION TESTS AND TO PROVIDE ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING AS REQUIRED.

EXISTING LEVELS

PROPOSED LEVELS