

DRAINAGE STRATEGY

DISPOSAL STRATEGY FOR THIS DEVELOPMENT.

OF APPROXIMATELY 440m² (0.044ha)

THE FOLLOWING TEXT DESCRIBES THE SURFACE WATER DRAINAGE

THE SITE IS CLASSIFIED AS GREENFIELD (BEING PREVIOUSLY USED FOR

PASTURE PURPOSES.) KEY POINTS FOR THE STRATEGY ARE AS FOLLOWS

- THE FIRST CHOICE FOR SURFACE WATER IS INFILTRATION AND
- DISPOSAL IS VIA A SINGLE CRATE SOAKAWAY SYSTEM. • THE PROPOSED DEVELOPMENT HAS A DRAINED IMPERMEABLE AREA
- THE SURFACE WATER INFILTRATION RATE HAS A MAXIMUM DISCHARGE RATE OF 7.9x10⁻⁶m/s INTO THE SUB SOILS. • MAX. SOAKAWAY HALF DRAIN DOWN TIME: 1394 MINUTES STORM
- CLIMATE CHANGE. DUE TO THE SITE TOPOGRAPHY AND PROPOSED LAYOUT THERE IS NO SPACE FOR ANY OTHER SUDS FEATURES SUCH AS SWALES AND

EVENTS UP TO AND INCLUDING THE 1 IN 100 YEAR EVENT PLUS 40%

FOUL WATER FLOW TO BE DISCHARGED INTO THE PUBLIC SEWER VIA THE EXISTING PUMPING STATION

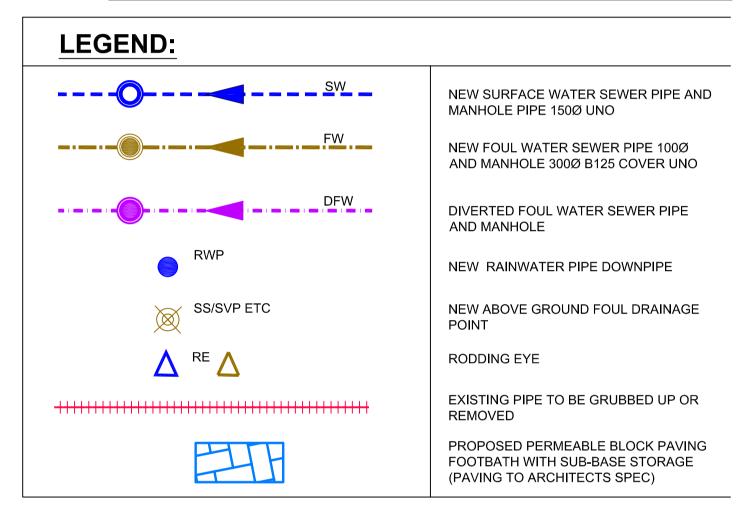
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEER'S AND ARCHITECT'S DRAWINGS, DETAILS & SPECIFICATIONS.
 - TOPOGRAPHICAL SURVEY DRAWING RS-1380-05-GEO-R0 & UTILITY SURVEY DRAWING RS-1380-06-UGS-R0 DATED 17/05/2021 BY RIGOUR SURVEY HAS ALSO BEEN USED IN THE
 - REFER TO THE ARCHITECT FOR SETTING OUT OF ALL BUILDINGS & INTERNAL DOWN PIPES & RWP'S
 - REFER TO SERVICE ENGINEERS DRAWINGS FOR FINAL SETTING OUT OF RWP AND SVP'S (BASED ON GUTTER SYSTEM).
 - REFER TO SERVICE ENGINEERS DRAWINGS FOR ABOVE GROUND PLUMBING ROUTES FROM APPLIANCES TO STUB STACKS ETC.
 - ALL EXISTING DRAINAGE THAT IS TO BE ABANDONED TO BE 'PLUGGED' IN WITH MASS
 - CONCRETE (150mm MIN) OR REMOVED ENTIRELY.
 - ANY EXISTING SERVICES TO BE LOCATED AND CLEARLY MARKED PRIOR TO EXCAVATIONS BY CONTRACTOR.
 - ALL LEVELS ARE TO BE CONFIRMED BY THE CONTRACTOR ON SITE PRIOR TO CONSTRUCTION.
 - IT IS ASSUMED THAT ALL SINK AND TOILET DRAINAGE POINTS WILL HAVE RODDING
 - ACCESS AT THE APPLIANCE BASE.

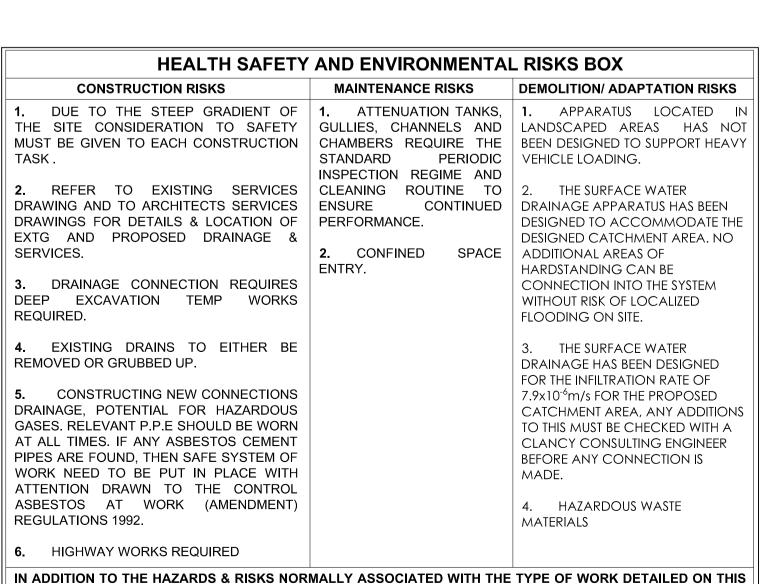
CONTRACTOR TO AVOID UNDERMINING ANY EXISTING FOOTPATHS/ BUILDINGS DURING

10. ALL RAINWATER DOWN PIPES TO HAVE RODDABLE ACCESS AT THE BASE OF THE

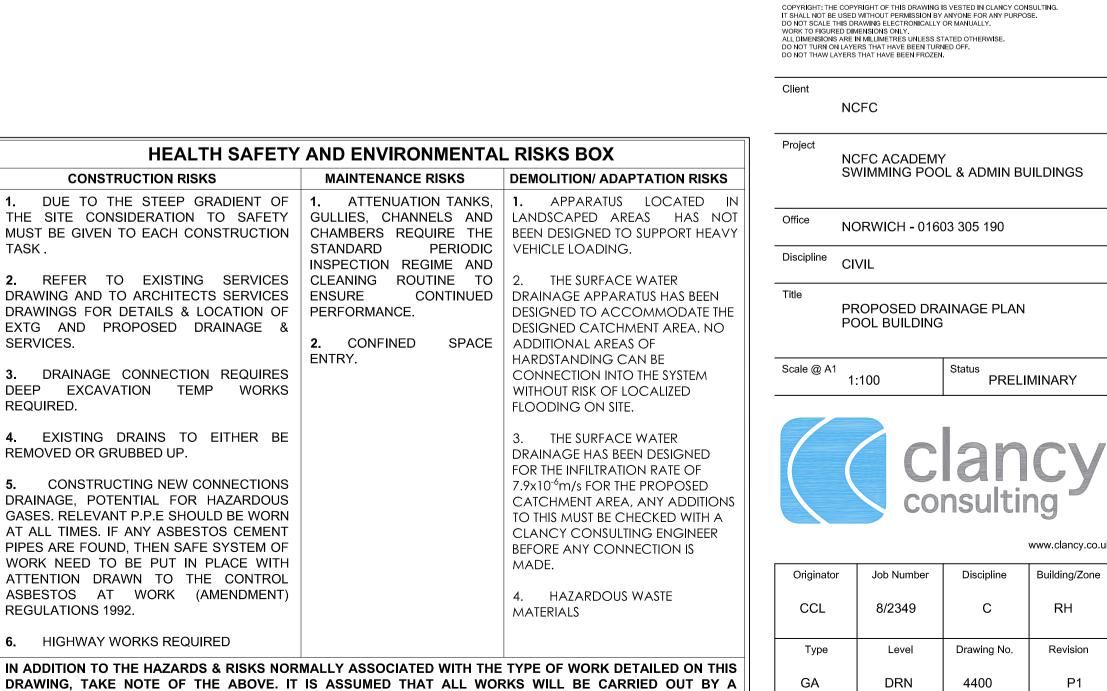
WORKS BY ALLOWING ADEQUATE PROTECTION ADJACENT TO THESE AREAS.

- VERTICAL SECTION.
- 11. ALL BELOW GROUND DRAINAGE PIPES WITH LESS THAN 900mm COVER TO SOFFIT LEVEL IN TRAFFICKED AREAS I.E. CAR PARK AND SERVICE YARD AREA TO HAVE CLASS Z BEDDING SURROUND. REFER TO THE MANHOLE SCHEDULE AND DETAIL SHEETS FOR FURTHER DETAILS.
- 12. ALL BELOW GROUND DRAINAGE WITHIN THE SITE BOUNDARY HAS BEEN DESIGNED TO BSEN 752:2008 AND BUILDING REGULATIONS - PART H:2015.





COMPETENT CONTRACTOR, WORKING WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.



25/08/21 PRELIMINARY ISSUE

ev Date Description