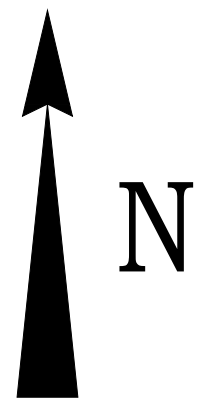
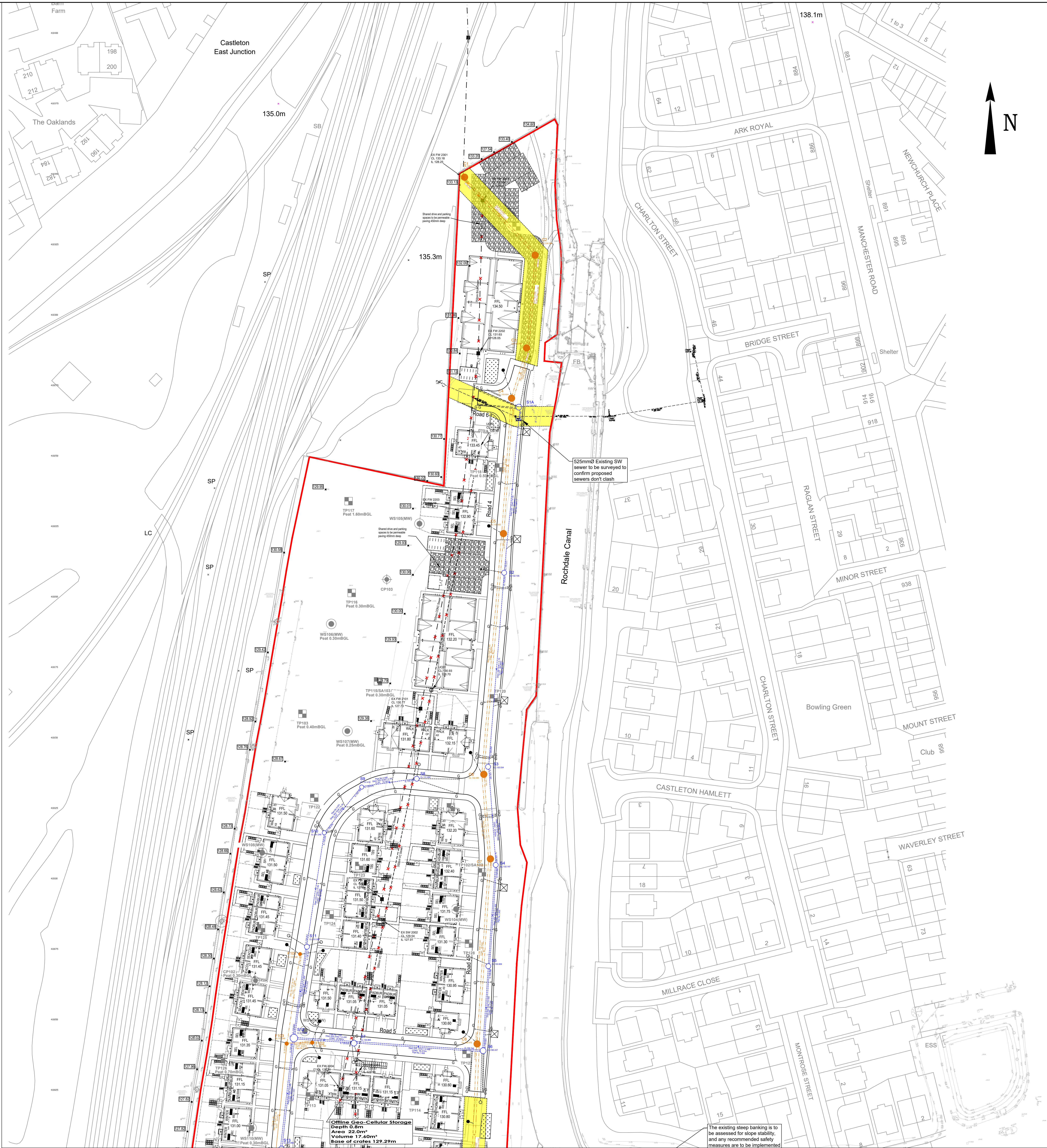


The details provided on this drawing are subject to comments by all the relevant approving authorities. Until such time as all comments have been received and incorporated onto the drawings, all the information provided and costings, are used at MCI Developments Ltd risk and no liability will be accepted by ALD Design. Scheme based on Site Layout MCI-000-DR-A-500 PL10

Prior to any construction, the contractor must confirm the precise invert level and pipe diameter of the receiving drainage system and must immediately advise ALD Design of any variation to that upon which the design has been based.



Infiltration has been discounted as a suitable means of surface water disposal due to the ground conditions.

Infiltration has been discounted as a suitable means of surface water disposal due to the ground conditions.

The design is based on current guidance however there may be changes in the future by statutory authorities which may have an impact on the current design and surface water storage values and requirements.

Foundations to be designed to take into account any adjacent deep sewers

The highway and sewer designs are subject to technical approval by the Highway Authority and United Utilities, and may be amended in response to review comments.

S185 approval is critical to the design and therefore no works should be undertaken until approval is agreed

System designed not to flood in the 2yr, 30yr & 100yr+45%cc events

Legend:

- Proposed foul water sewer and manhole
- Proposed surface water sewer and manhole
- Existing surface water sewer & manhole
- Existing combined water sewer & manhole
- Existing surface water sewer & manhole to be abandoned
- Existing combined water sewer & manhole to be abandoned
- Denotes proposed surface water attenuation basin
- Denotes finished floor levels
- Proposed Sewer Easment
- Proposed Tree Pit Locations
- Proposed Rain Garden Locations
- Permeable Surface
- Permeable Surface Diffuser Unit
- Grasscrete
- Gabion Mattress

- GENERAL**
- All adoptable sewers and associated works are to comply fully with "Design and Construction Guidance" & Local Practices
 - All highway works to be to adoptable standards and to comply fully with the Local Authority specification.
 - All private drainage works are to comply fully with part H of the Building Regulations
 - All existing invert levels to be checked by the Contractor at the start of works and any discrepancies notified to ALD Design. All levels are based on topographical survey information provided by others.
 - 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)
 - 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 ALD Design below:-
- Support / treatment for ALL excavation work.
 - Guarding to edges of excavations to prevent people, materials and vehicles falling into excavation.
 - Guarding of excavations outside working hours to prevent unauthorised access.
 - Undermining to adjacent roads or structures.
 - Confined space operations.
 - Dealing with existing services.
 - Traffic management on existing highways.
 - Procedure to be followed in event of accident or emergency.
 - Method of working where contaminated ground is present on site.
 - 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 ALD Design.

K	25.06.25	Revised to new layout PL10	AP		
J	24.03.26	Revised to LU comments DATED 13.03.26	AP		
I	02.03.26	Revised to LU comments Dated 04.02.26	AP		
H	14.10.25	Revised to LU comments Dated 06.10.25	AP		
G	29.08.25	Revised to PL08, Revised Bund, Added sewers at entrance & revised sub station location	AP		
F	14.08.25	Raised tables and permeable shared drives added	AP		
E	14.07.25	Updated following completion of the remainder of the pack	AP		
D	11.07.25	Suds feature locations added	AP		
C	23.06.25	Revised attenuation basin levels and sewers	AP		
Rev.	Date	Amendment	Drawn	Chkd.	Appd.



Client					
Project Title	Trub Farm Rochdale				
Status	Preliminary				
Drawing Title	Adoptable Drainage Layout Sheet 1 of 2				
Drawn	Date	Checked	Date	Approved	Date
AP	May 25				
Scale	Orig Size A0		Dimensions		
Project No.	25013		Drawing File		
Drawing No.	20-01-01				Rev. K

