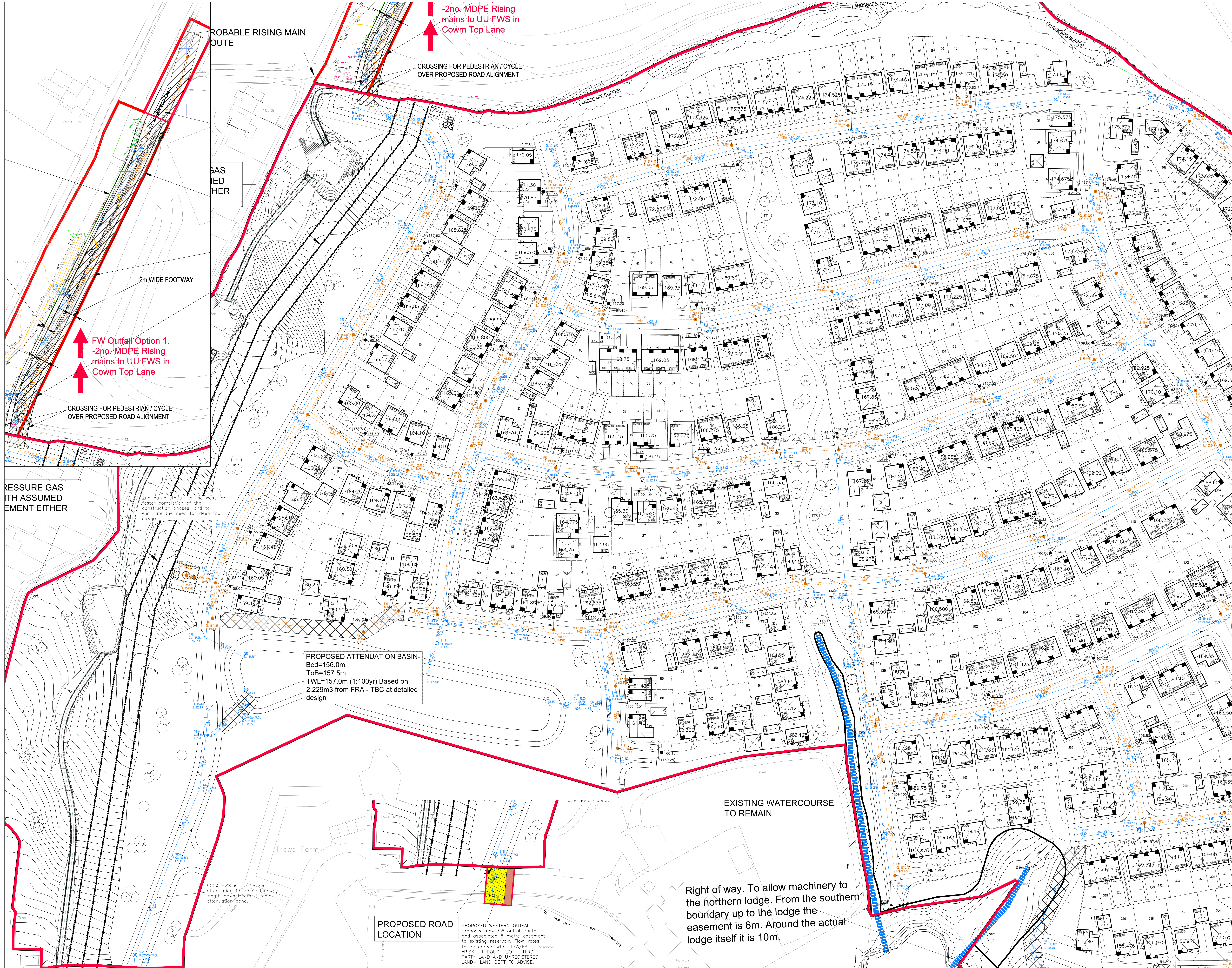




Please note the drainage shown is a basic indication to prove the site will drain. further detail design is required.

- Levels**
- All levels shown are approximate FINAL EXTERNAL LEVELS. These are subject to production grade level to suit levels and the production of a full cut/fill exercise and arisings calculations to check that there is an approximate balance.
- Drainage Cates:**
- All attenuation figures are estimates only and based upon assumed allowable surface water discharge rates. Rates are to be agreed with the LLFA and EA.
- Natural Drainage Paths:**
- All levels shown are subject to undertaking of a drainage and hydrological study to investigate possible incoming surface water drainage connection/watercourses and to assess the feasibility/impacts of installing of natural drainage channels and any measures required to maintain natural flow-paths.
- General Drainage Notes:**
- RSK must update FRA to reflect the most recent SW network divide. The proposed eastern/western attenuation basin sizes to be confirmed once RSK have updated their FRA.
 - Proposed pipe sizes are indicative. SW/FW drainage needs running through Windes to confirm actual pipe sizes and gradients.
- NOTES**
- This drawing is preliminary only. Offsets from existing watercourses to be agreed with LLFA, LPA and tree officer.
- All contours are preliminary only and subject to review on receipt of a preliminary housing layout.
- Extents of watercourses to remain to be agreed with LLFA, LPA, LPA Ecology and Tree Officer.
- KEY**
- Approximate Total Site Boundary
 - Easement Land requiring Land Owners to sign a United Utilities Section 104 Agreement and Deed of Grant allowing off-site outfall route.
 - Land required temporarily by developer and developers contractor in order to complete the outfall works.
 - Proposed Foul Water Outfall Route - Subject to UU approval.
 - Proposed 2x Foul Water Pump Stations Subject to UU approval.
 - UU legal Easements approx 8m/3m total where of FW & SW pipes.
 - Adoptable S.W. Sewer & Manhole Subject to detail design
 - Adoptable F.W. Sewer & Manhole Subject to detail design
 - S. Water Drag-Out and Invert Subject to detail design
 - Foul Drag-Out and Invert Subject to detail design
 - Proposed inductive Rising Main Route Subject to detail design
 - Adoptable Road Gully Subject to detail design

REV DESCRIPTION DATE DRAWN

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Title: Preliminary Drainage Layout Sheet 1

Design By: LB	Date: August 2022	Drawing Number: 496/ED/02	Rev: -
C.A.D. By: LB	Scale: A0 1:500		