



**HEALTH SAFETY AND ENVIRONMENT NOTES**  
 IN ADDITION TO THE HAZARDS AND RISKS NORMALLY ASSOCIATED WITH THE FORM OF CONSTRUCTION DESCRIBED ON THIS DRAWING, THE FOLLOWING RESIDUAL RISKS SHOULD BE CONSIDERED:

- EXCAVATION WORKS - CONTRACTOR TO REVIEW GROUND INVESTIGATION REPORT AND CONSIDER PRESENCE OF MADE GROUND OR EXISTING GROUND CONDITIONS.
- CONNECTIONS TO EXISTING SEWERS - WORKS TO BE COORDINATED WITH INCUMBENT WATER SUPPLIERS.
- EXISTING UTILITIES - CONTRACTOR TO TAKE APPROPRIATE MEASURES TO CHECK FOR EXISTING UTILITIES BEFORE CARRYING OUT ANY WORKS ACTIVITIES. KNOWN EXISTING UTILITIES HIGHLIGHTED ON DRAWING.
- DRAINAGE PIPEWORK HAS BEEN KEPT AS SHALLOW AS REASONABLY PRACTICABLE. TRENCH STABILITY TO BE CONSIDERED BY CONTRACTOR.
- CONSTRUCTION WORKS DRAINAGE - CONTRACTOR TO PUT IN PLACE A TEMPORARY DRAINAGE STRATEGY TO TREAT/SILT CONSTRUCTION WORKS RUNOFF PRIOR TO DISCHARGE TO THE GROUND OR OFF-SITE.
- CONTRACTOR TO DESIGN PROTECTIVE COVER SLAB TO ALL BURIED TANKS IN YARD AREAS IN COORDINATION WITH CHOSEN SUPPLIER.

**NOTES**

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM NEWLYN UNLESS NOTED OTHERWISE.
- ALL COORDINATES ARE IN METRES RELATIVE TO ORDNANCE SURVEY NATIONAL GRID.
- THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK OR PREPARING SHOP DRAWINGS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ENGINEERS AND ARCHITECTS DRAWINGS AND SPECIFICATIONS.
- REFER TO PAVEMENT DESIGN DRAWINGS FOR HARDSTANDING AND FINISHES. GULLY LOCATIONS TO BE VERIFIED BASED ON PROPOSED LEVELS DESIGN.
- THE DRAINAGE SYSTEM IS NOT DESIGNED TO TAKE SIGNIFICANT QUANTITIES OF SOLIDS. THE SITE OPERATOR IS TO MITIGATE SILTS AND VEGETATION MATERIAL ENTERING THE DRAINAGE SYSTEM FROM THE GARDEN WASTE BAYS USING REMOVABLE STEEL PLATE COVER.

**LEGEND**

- EXISTING SURFACE WATER DRAIN
- EXISTING FOUL WATER DRAIN
- PROPOSED SURFACE WATER DRAIN
- CONCRETE PROTECTION REQUIRED
- PROPOSED SURFACE WATER LINEAR DRAIN
- PROPOSED FOUL WATER LINEAR DRAIN ACCESS/OUTFALL SUMP UNIT
- PROPOSED SWALE
- PROPOSED SURFACE WATER MANHOLE CHAMBER
- PROPOSED SURFACE WATER INSPECTION CHAMBER
- PROPOSED SURFACE WATER CATCHPIT
- PROPOSED RODDING EYE
- PROPOSED BELOW GROUND SURFACE WATER ATTENUATION
- PROPOSED FOUL WATER DRAIN
- PROPOSED FOUL WATER RISING MAIN
- PROPOSED FOUL WATER LINEAR DRAIN
- PROPOSED FOUL WATER LINEAR DRAIN ACCESS/OUTFALL SUMP UNIT
- PROPOSED FOUL WATER MANHOLE CHAMBER
- PROPOSED FOUL WATER INSPECTION CHAMBER
- PROPOSED FOUL WATER CATCHPIT
- PROPOSED FOUL WATER PUMPING STATION
- PROPOSED FOUL WATER PUMPING STATION KIOSK
- VENT PIPE LOCATION (TBC BY OTHERS)
- EXISTING SERVICE TO BE ABANDONED
- PROPOSED PERMEABLE PAVING (121m<sup>2</sup>)
- COMBINED KERB AND LINEAR DRAIN
- KERB DRAIN OUTLET
- URBAN PLANTED RILL
- PLANTED RILL DISHED CHANNEL CONNECTION
- GREEN ROOF
- RAINWATER HARVESTING ROOF AREA

C1	UPDATED FOR CONSTRUCTION	04.02.21	SF	AB	SCD
P1	SW FLOW CONTROL DETAILS UPDATED	17.12.20	SF	AB	SCD
Mark	Revision	Date	Drawn	Chkd	Appd

SCALING NOTE: Do not scale this drawing - any errors or omissions shall be reported to Stantec without delay.  
 UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake their own investigation where the presence of any existing sewers, services, plant or apparatus may affect their operations.

Drawing Issue Status  
**FOR CONSTRUCTION**

**ATLANTIC TRADING ESTATE  
 WASTE TRANSFER STATION**  
 DETAILED DRAINAGE LAYOUT (SHEET 1)

Client

**eunomia** **Stantec**

stantec.com/uk

Date of 1st Issue: 07/09/2020  
 Designed: AB  
 Drawn: FVA

A1 Scale: 1:200  
 Checked: SF  
 Approved: SCD

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