



GENERAL
 1. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED. ANY DISCREPANCIES ARE TO BE RECORDED AND REPORTED TO THE ENGINEERS IMMEDIATELY.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS AND ARCHITECTS DRAWINGS AND THE SPECIFICATION.
 3. ANY EXISTING DETAILS WHICH ARE SHOWN ON THIS DRAWING ARE FOR GUIDANCE ONLY AND ARE TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY VARIATIONS ARE TO BE RECORDED AND REPORTED TO THE ENGINEER IMMEDIATELY.

NOTES
 1. THE SURFACE WATER NETWORK HAS BEEN DESIGNED TO ACCOMMODATE A 1IN100YR STORM EVENT TO INCLUDE 25% CLIMATE CHANGE.
 2. ALL SEWER WORKS FOR THE WATER AUTHORITY ARE TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE 'SEWERAGE SECTOR GUIDANCE APPENDIX C' DESIGN AND CONSTRUCTION GUIDANCE VERSION 2.1 25TH MAY 2021 AND ANY ADDENDUM THEREAFTER.
 3. ALL PRIVATE CONNECTIONS TO ADAPTABLE SEWERS SHOULD BE A MINIMUM OF 100MM DIAMETER (FOUL) & 150MM DIAMETER (SURFACE) MADE IN VITRIFIED CLAY CONNECTING SOFFIT TO SOFFIT.
 4. THIS DRAWING IS FOR INTENDED FOR STRATEGY PURPOSES ONLY TO ASSIST AND INFORM IN OUTLINING THE INITIAL CONCEPTS AND FEASIBILITY OF THE SCHEME, ANY DETAILS OR INFORMATION ON THIS DRAWING ARE SUBJECT TO CHANGE.

EXISTING UTILITIES AFFECTED BY THE WORKS TO BE PROTECTED/MODIFIED IN ACCORDANCE WITH THE REQUIREMENTS AND APPROVAL OF THE RELEVANT STATUTORY AUTHORITIES. LOCATION OF EXISTING UNDERGROUND UTILITY SERVICES TO BE CONFIRMED.

ALL VEGETATION AND CLEARANCE WORKS ARE TO BE IN ACCORDANCE WITH ECOLOGICAL AND ARBORICULTURAL REPORTS

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ALL EXISTING ANGLIAN WATER MANHOLES LOCATED WITHIN PROPOSED CAR PARK ARE TO HAVE EXISTING COVER AND FRAMES REFINISHED AS APPROPRIATE TO COMPLY WITH THE REQUIREMENTS OF BS7903: 2020 BS EN 124 AND CD534, TOGETHER WITH THE CORRECT LOAD RATING. FRAMES SHOULD BE 150MM DEEP.

NO TREES ARE TO BE PLACED WITHIN 3M OF ANY EXISTING ADAPTABLE DRAINAGE. TREE PITS/ROOT BARRIER IS TO BE USED WHERE PROPOSED TREES ARE LOCATED WITHIN 3.6M AS SPECIFIED BY THE WATER AUTHORITY.

DRAINAGE STRATEGY KEY

- SITE BOUNDARY
- PRIVATE ROOFS AREA 227m²
- PRIVATE HARDSTANDING AREA 3096 m²
- ROOT PROTECTION AREA
- EXISTING ADOPTED SURFACE WATER SEWER
- EXISTING ADOPTED FOUL WATER SEWER
- EXISTING ADOPTED FOUL WATER RISING MAIN
- PRIVATE FOUL SEWER
 - 480mm Ø >600mm DEEP
 - 1200mm Ø (TRAFFICKED) >1200mm DEEP
 - 480mm Ø >600mm DEEP
 - 600mm Ø >600mm DEEP
 - 1200mm Ø (TRAFFICKED) >1200mm DEEP
- PRIVATE SURFACE WATER SEWER WITH PIPE SIZE/GRADIENT
 - 150/150
 - 150/150
- PERFORATED PRIVATE SURFACE WATER SEWER WITH PIPE SIZE/GRADIENT
- PROPOSED CHANNEL DRAINAGE
- PROPOSED ROAD GULLY
- GRADIENT
 - 1/3
- BANKING MARKER
- STEPS
 - 3st
- FINISHED FLOOR LEVEL
- PROPOSED LEVEL
- RETAINING WALL - LEVEL RETAINED (MM)
 - 450 RW
- TANKING - WITH NO. OF BRICK COURSES
- EXCEEDENCE FLOW ROUTE

Rev	Description	Date
B	REVISED TO SUIT ECC LFLA COMMENTS	07.11.23
A	UPDATED SITE PLAN INCORPORATED	25.09.23

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worksafe consultant SSSIP SAFETY SCHEMES IN PROCUREMENT COMS safety scheme

PRELIMINARY

Project: GREAT DUNMOW PROPOSED MUGA & CAR PARK

Drawing Title: DRAINAGE STRATEGY SHEET 1

Client: SUPERSTRUCTURES	Date: SEP 2023
Drawn: DCH	Designed: DCH
Checked: DW	Approved: DW

Scale: 1:250

Project No: 2304-800	Drawing No & Revision: SK002-B	Size: A1
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