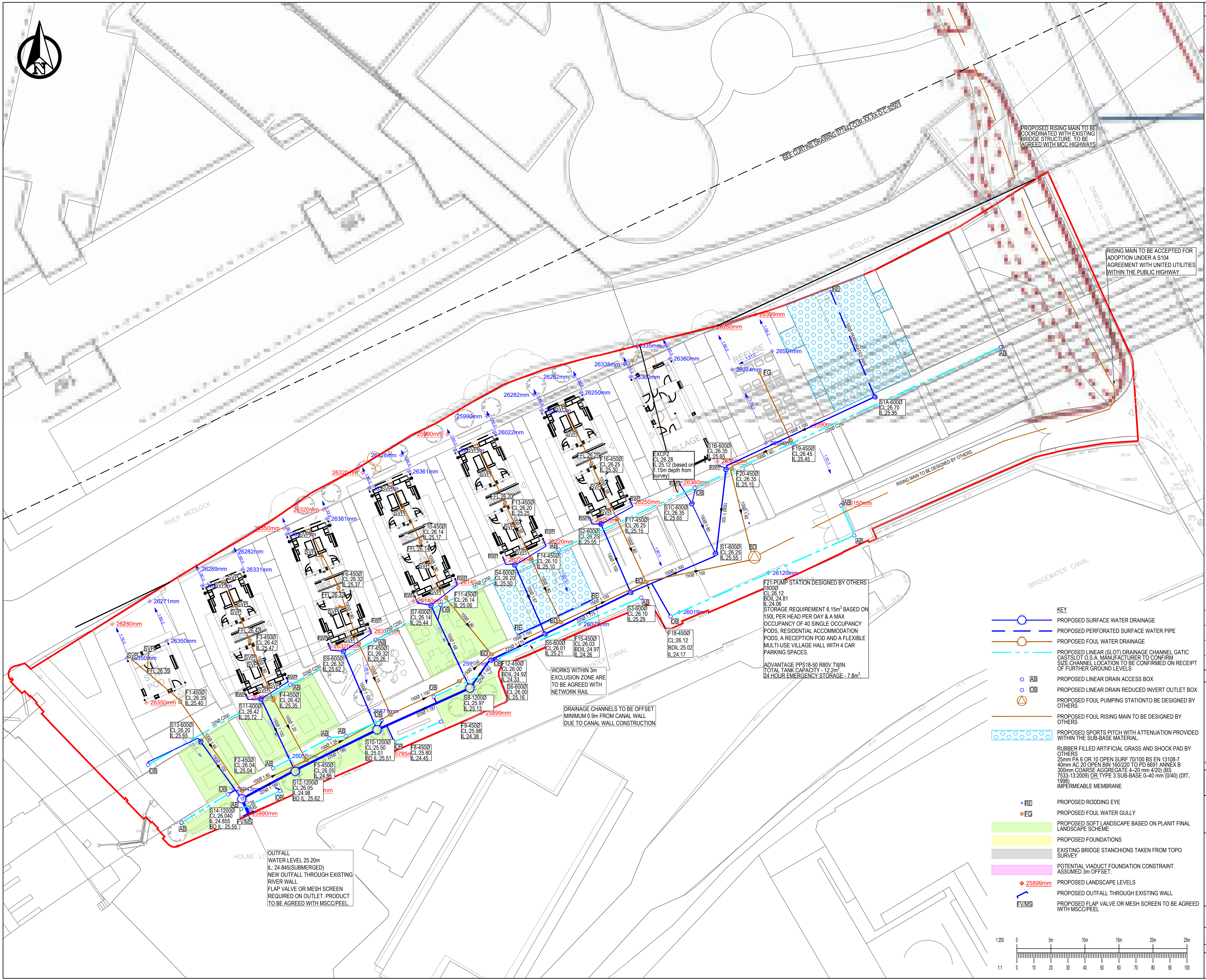


GENERAL NOTES:

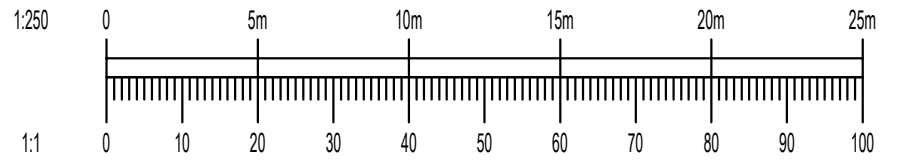
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
- DESIGN BASED ON TOPOGRAPHICAL SURVEY AND CCTV SURVEY INFORMATION AVAILABLE AT THE TIME OF THE DESIGN.
- ALL DIMENSIONS ARE IN METRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM UNLESS OTHERWISE NOTED.
- REFER TO NOTES DRAWING 077442-CUR-XX-XX-D-C-92510.

DESIGN PHILOSOPHY
SURFACE WATER DESIGN
THE DESIGN PROVIDES CAPACITY UP TO THE 100 YEAR 40% CLIMATE CHANGE EVENT.
SW FLOW RATE IS NOT RESTRICTED BASED ON THE OUTFALL BEING SURCHARGED WITHIN THE CANAL
OUTFALL DETAILS TO BE AGREED WITH MSCC/PEEL PORTS. TBC FOLLOWING FURTHER DESIGN AND SURVEY WORK.
POLLUTION TREATMENT: N/A
SUSTAINABLE DRAINAGE: PERMEABLE PAVING
INFILTRATION IS NOT CONSIDERED APPROPRIATE FOR THIS SCHEME.

FOUL WATER DESIGN
FW PEAK FLOW RATE: TBC
OUTFALL: MH6802 WATER STREET (TO BE AGREED WITH UNITED UTILITIES AND SUBJECT TO OFF SITE INVESTIGATIONS).
LEVELS INDICATE THAT PUMPING WILL BE REQUIRED.
FOUL WATER STORAGE REQUIRED: 6.15m³ (24 HOURS FLOW AS REQUIRED, BY BUILDING REGS). STORAGE BASED ON 150L PER PERSON PER DAY. MAXIMUM OCCUPANCY BASED ON 41 PEOPLE ONSITE.



- KEY**
- PROPOSED SURFACE WATER DRAINAGE
 - PROPOSED PERFORATED SURFACE WATER PIPE
 - PROPOSED FOUL WATER DRAINAGE
 - PROPOSED LINEAR (SLOT) DRAINAGE CHANNEL GATIC CAST/LOT O.S.A. MANUFACTURER TO CONFIRM SIZE CHANNEL LOCATION TO BE CONFIRMED ON RECEIPT OF FURTHER GROUND LEVELS
 - PROPOSED LINEAR DRAIN ACCESS BOX
 - PROPOSED LINEAR DRAIN REDUCED INVERT OUTLET BOX
 - PROPOSED FOUL PUMPING STATION TO BE DESIGNED BY OTHERS
 - PROPOSED FOUL RISING MAIN TO BE DESIGNED BY OTHERS
 - PROPOSED SPORTS PITCH WITH ATTENUATION PROVIDED WITHIN THE SUB-BASE MATERIAL.
 - RUBBER FILLED ARTIFICIAL GRASS AND SHOCK PAD BY OTHERS
 - 25mm PA 6 OR 10 OPEN SURF 70/100 BS EN 13108-7 40mm AC 20 OPEN B.M. 180/220 TO PD 8691 ANNEX B 300mm COARSE AGGREGATE 4-20 mm 4/20 (BS 7533-13:2009) OR TYPE 3 SUB-BASE 0-40 mm (0/40) (DIT, 1998) IMPERMEABLE MEMBRANE
 - PROPOSED RODDING EYE
 - PROPOSED FOUL WATER GULLY
 - PROPOSED SOFT LANDSCAPE BASED ON PLANIT FINAL LANDSCAPE SCHEME
 - PROPOSED FOUNDATIONS
 - EXISTING BRIDGE STANCHIONS TAKEN FROM TOPO SURVEY
 - POTENTIAL VIADUCT FOUNDATION CONSTRAINT. ASSUMED 3m OFFSET.
 - PROPOSED LANDSCAPE LEVELS
 - PROPOSED OUTFALL THROUGH EXISTING WALL
 - PROPOSED FLAP VALVE OR MESH SCREEN TO BE AGREED WITH MSCC/PEEL



P04	STAGE 4 DRAFT - SURFACE WATER INVERT LEVELS UPDATED	21/06/24	JC	CG
P03	STAGE 4 DRAFT - FOUL OUTFALL UPDATED	25/04/24	CG	CG
P02	STAGE 4 DRAFT - UPDATED TO LANDSCAPING LEVELS	01/03/24	CG	CG
P01	STAGE 4 DRAFT - ISSUED FOR PLANNING CONDITION DISCHARGE	31/01/24	CS	CG
Rev:	Description:	Date:	By:	Chkd:

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STATUS: **S2**

SUITABLE FOR INFORMATION

Project:

Embassy Village

Dig Title:

DRAINAGE STRATEGY
SHEET 1 OF 2

Drawn By: CG

Designed By: CG

Checked By: CG

Project No: 077442

Date: 05/12/2023

Scales: @ A1

1:200

Project Code - Originator - Function - Spatial - Form - Discipline - Number

Revision

077442 - CUR-XX-XX-D-C-92500

P04