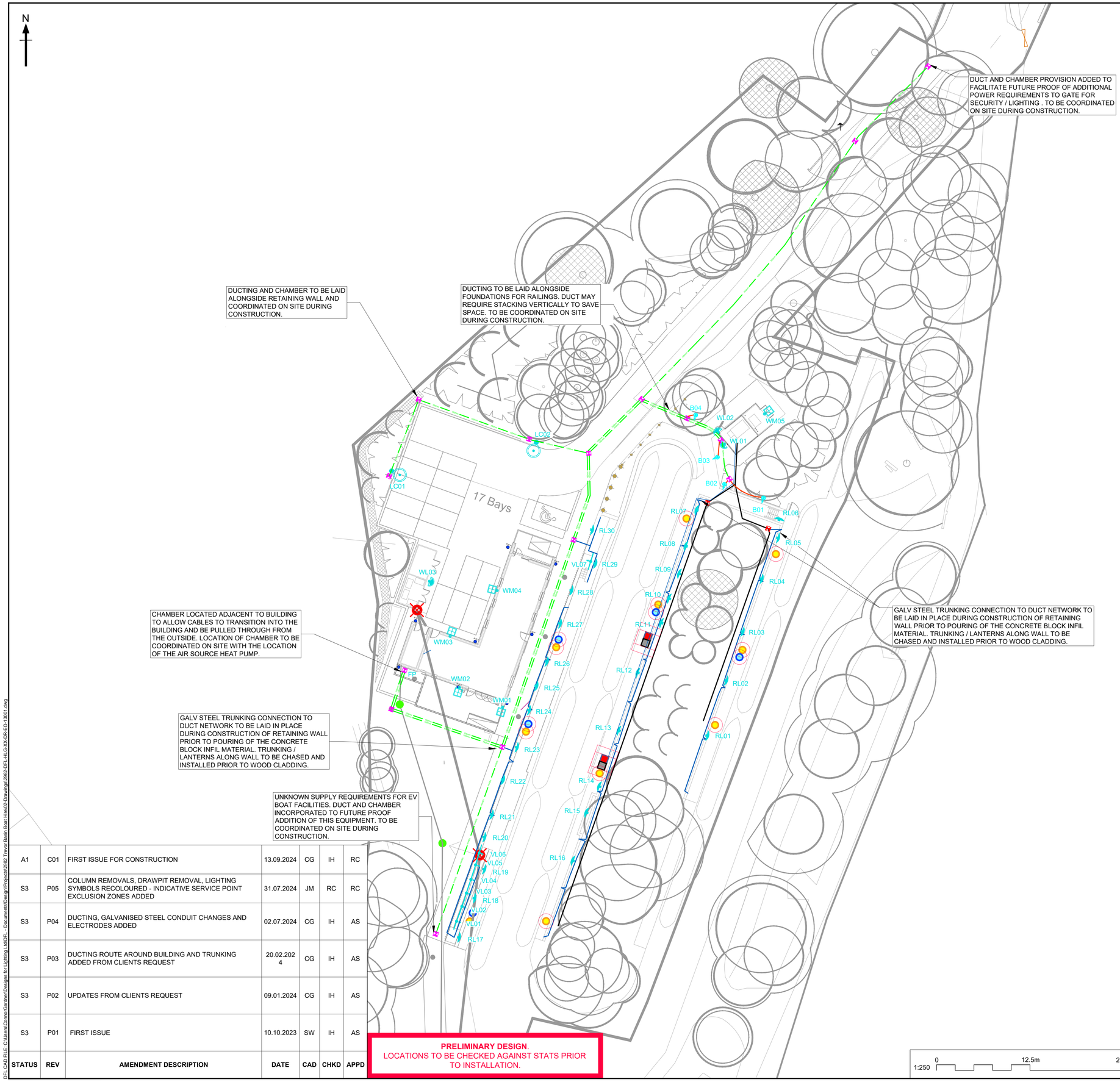


STATUS	REV	AMENDMENT DESCRIPTION	DATE	CAD	CHKD	APPD
A1	C01	FIRST ISSUE FOR CONSTRUCTION	13.09.2024	CG	IH	RC
S3	P05	COLUMN REMOVALS, DRAWPIT REMOVAL, LIGHTING SYMBOLS RECOLOURED - INDICATIVE SERVICE POINT EXCLUSION ZONES ADDED	31.07.2024	JM	RC	RC
S3	P04	DUCTING, GALVANISED STEEL CONDUIT CHANGES AND ELECTRODES ADDED	02.07.2024	CG	IH	AS
S3	P03	DUCTING ROUTE AROUND BUILDING AND TRUNKING ADDED FROM CLIENTS REQUEST	20.02.2024	CG	IH	AS
S3	P02	UPDATES FROM CLIENTS REQUEST	09.01.2024	CG	IH	AS
S3	P01	FIRST ISSUE	10.10.2023	SW	IH	AS

PRELIMINARY DESIGN.
LOCATIONS TO BE CHECKED AGAINST STATS PRIOR TO INSTALLATION.

1:250 0 12.5m 25m

KEY PROPOSED

QTY.	SYMBOL	DESCRIPTION
2	LC#	PROPOSED 6M COLUMN HWD2-#27K04 800-A1-CLO GEN 7 LAMP LED - ASD
7	VL##	PROPOSED VARIOLED FLEX VENUS SV W930 IP67 1000 0.18klm
3	WL##	PROPOSED BEGA WALL MOUNTED AT 3m - 34727K3 LED 3.9W 0.48klm
30		PROPOSED BEGA WALL RECESSED AT 0.5m - 24062K3 LED 20.4W 1.46klm
5	WM##	PROPOSED STEALTH ELITE GLASS 4000K SQ LENS LED1500 - ASD WALL MOUNTED AT 2m (WM05 AT 4m)
4	B##	PROPOSED BEGA BOLLARD AT 2m - 85016K3 LED 6.5W 0.65klm
13		600mm X 600mm MODULAR TWIN WALLED ACCESS CHAMBER FOR 100mm DUCT ACCESS AND WITH REMOVABLE B125 COVER RATED TO BS EN 124
2		600mm X 600mm MODULAR TWIN WALLED ACCESS CHAMBER FOR 100mm DUCT ACCESS AND WITH REMOVABLE B125 COVER RATED TO BS EN 124. CHAMBERS TO BE INSTALLED TO INTERSECT EXISTING DUCT/ CABLE ROUTE TO ALLOW EXISTING DUCT RUN BACK TO PUMP STATION TO BE USED FOR LIGHTING CABLE.
1		EARTH ELECTRODE AND INSPECTION CHAMBER. NUMBER OF CIRCUITS TO BE VERIFIED AT DETAILED DESIGN STAGE.
		EXISTING 100mm TWIN WALL DUCT TO REMAIN IN SITU
		PROPOSED ROUTE OF 100mm TWIN WALL CABLE DUCT WITH "STREET LIGHTING EMBOSED EVERY METRE ON TWO SIDES. MINIMUM 500mm DEPTH OF COVER IN FOOTWAYS AND 750mm IN CARRIAGEWAY. DUCT TO BE OVERLAID WITH YELLOW PVC MARKER TAPE APPROXIMATELY 250mm ABOVE CABLE DUCT.
		PROPOSED ROUTE OF GALVANISED STEEL TRUNKING SUITABLE TO HOUSE UP TO 6mm² HIGH-TUFF FLEX CABLE.CALCULATIONS REQUIRED TO VERIFY AT DETAILED DESIGNED STAGE.
		SERVICE POINTS, DESIGNED BY OTHERS (WITH INDICATIVE 1m EXCLUSION ZONE - APPARATUS DIMENSIONS UNKNOWN - LUMINAIRES MUST BE INSTALLED BEYOND THE BOUNDARY OF THE 1 METRE EXCLUSION ZONE OF THE SERVICE POINTS).
		PROPOSED ROUTE OF 50mm TWIN WALL CABLE DUCT WITH "STREET LIGHTING EMBOSED EVERY METRE ON TWO SIDES. MINIMUM 500mm DEPTH OF COVER IN FOOTWAYS AND 750mm IN CARRIAGEWAY. DUCT TO BE OVERLAID WITH YELLOW PVC MARKER TAPE APPROXIMATELY 250mm ABOVE CABLE DUCT.

Notes

1. THIS IS AN AUTOCAD DRAWING AND SHOULD NOT BE AMENDED BY HAND.
2. THE EXISTING LOCATIONS ARE APPROXIMATE AND THEIR ACCURACY CANNOT BE GUARANTEED.
3. ALL DIMENSIONS IN METRES UNLESS OTHERWISE STATED.
4. THIS DRAWING MUST NOT BE SCALED.
5. DRAWING TO BE READ IN CONJUNCTION WITH OTHER CONTRACT DOCUMENTS.
6. COLUMN LOCATIONS TO BE CHECKED AGAINST UTILITY DRAWINGS FOR CONFLICTS BY A COMPETENT ENGINEER.
7. CONTRACTOR SHOULD SATISFY THEMSELVES THAT ANY UTILITY DRAWINGS AFFECTING THE SCHEME ARE ACCURATE AND UP TO DATE PRIOR TO COMMENCEMENT.
8. AN ADDITIONAL DUCT HAS BEEN PROPOSED FOR THE SUPPLY OF THE ELECTRICAL CONNECTION POINTS AS THE CABLE CALCULATIONS HAVE NOT BEEN CARRIED OUT TO VERIFY THE CABLE SIZE REQUIREMENTS AT THIS STAGE.
9. LIGHTING IN ABEYANCE, CLIENT TO VERIFY DESIGN CONCEPT.
10. INCOMING SUPPLY ASSUMED TO BE 100A 3 PHASE CONNECTION PROVIDED AT THE MAIN BUILDING. ADDITIONAL DUCTING HAS BEEN PROVIDED FROM THE MAIN BUILDING TO THE PUMP HOUSE TO ALLOW FOR A THREE PHASE CONNECTION TO BE MADE BETWEEN BUILDINGS AND LAID IN A SEPARATE DUCT TO ANY LIGHTING CABLE NETWORKS ACROSS THE SITE.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SIGNIFICANT RESIDUAL RISKS (REFERENCE SHALL ALSO BE MADE TO THE DESIGN RISK ASSESSMENT XXXX-DFL-HLG-XX-RA-EO-13001-XX-XXX).

CONSTRUCTION:

Design of cable network in abeyance. Locations of duct / conduit have not been clash detected against existing or proposed underground services. Extraneous conductive parts on dissimilar electrical supplies to have minimum clearance of 2.5m

MAINTENANCE/CLEANING:

AS PER CONSTRUCTION

USE:

AS PER CONSTRUCTION

DECOMMISSIONING/DEMOLITION:

THE CONTRACTOR IS TO SATISFY HIMSELF OF ALL UNDERGROUND NETWORKS PRIOR TO ANY DIGGING, THE CONTRACTOR IS TO MAINTAIN CABLE NETWORKS OF ALL EQUIPMENT THAT IS NOT PART OR THE WORKS BUT MAY BE FED FROM EQUIPMENT ASSOCIATED WITH THE WORKS.

DESIGNERS
DFL-UK (Designs for Lighting Ltd)
17/18 City Business Centre
Winchester, Hampshire, SO23 7TA
Tel: 01962 855080
Email: info@dfl-uk.com

CLIENT
Canal & River Trust
Making life better by water

PROJECT
TREVOR BASIN BOAT HIRE

DRAWING TITLE
LIGHTING LAYOUT

DESIGNED	CAD	CHECKED	APPROVED
FE	CG	IH	AS
DATE DESIGNED	SHEET	SCALE	SHEET SIZE
JULY 2024	1 of 1	1:250	A1

DRAWING NUMBER
PROJECT -ORIGINATOR -VOLUME -LOCATION -TYPE -ROLE -NUMBER
2982-DFL-HLG-XX-DR-EO-13001

JOB NUMBER	STATUS	REVISION
2982	A1	C01

DFL CAD FILE: C:\Users\ConorGardner\Designs for Lighting Ltd\DFL - Documents\Design\Projects\2982 Trevor Basin Boat Hire\02-Drawings\2982-DFL-HLG-XX-DR-EO-13001.dwg