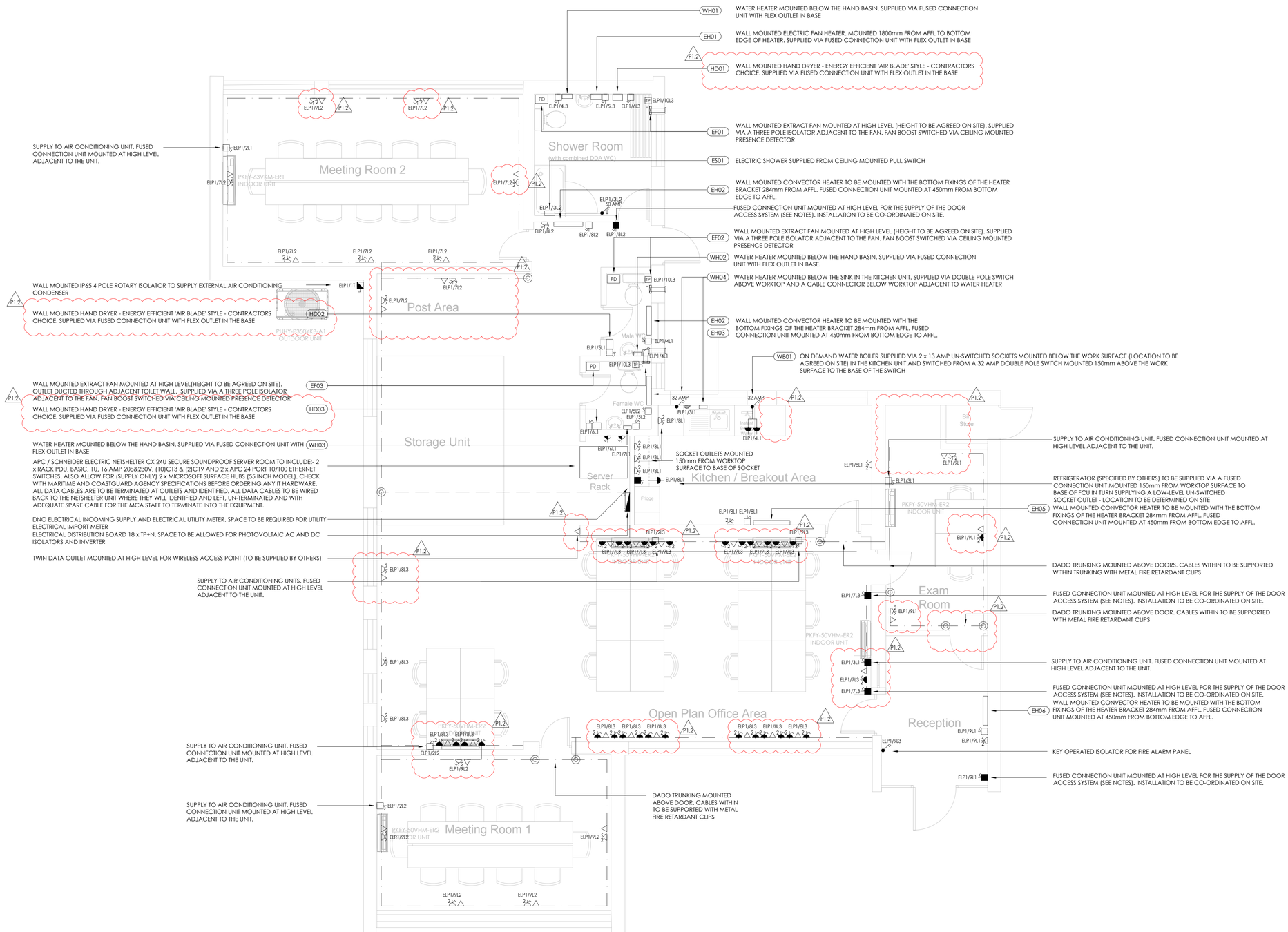
SHRUB END CLINIC, COLCHESTER



1 PROPOSED ELECTRICAL POWER AND DATA LAYOUT
Scale : 1:50

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ALL DIMENSIONS TO BE CHECKED BEFORE SITE OR OFF-SITE FABRICATION BY THE CONTRACTOR, HIS SUB-CONTRACTOR OR SUPPLIER.

DO NOT SCALE PLANS - USE FIGURE OR GRID DIMENSIONS WHERE GIVEN. ANY DEVIATION FROM THE DRAWING IS TO BE REPORTED TO THE ORIGINATOR IMMEDIATELY.

STRUCTURE, STRUCTURAL MEMBERS & GEOTECHNICAL INVESTIGATIONS ARE TO BE CARRIED OUT & APPROVED BY THE APPOINTED STRUCTURAL ENGINEER. ANY DEVIATIONS TO THESE ELEMENTS ARE TO BE REPORTED TO THE APPOINTED CONSULTANT IMMEDIATELY.

IF IN DOUBT ASK !

NOTES:

- 16 AMP BS EN60309 SWITCHED SOCKET OUTLET - MK K73601BLU
- 13 AMP UN-SWITCHED SOCKET OUTLET - MK K780WHI
- TP 10 AMP THREE POLE FAN ISOLATOR - MK K4859WHI
- TWIN 13 AMP DP SWITCHED SOCKET OUTLET WITH TWIN USB CHARGING PORTS - MK K2743WHI
- TWIN 13 AMP DP SWITCHED SOCKET OUTLET - MK K2747WHI
- TWIN CAT6 DATA OUTLET 1 x 2 GANG EURO FRONTPLATE TWO MODULE (MK K184WHI) AND 2 x RJ45 CAT 6 SCREENED ONE MODULE OUTLETS - MK K5856SWHI
- 32 AMP IP65 THREE PHASE ROTARY ISOLATOR - MANUFACTURER MEP CONTRACTORS CHOICE
- 13 AMP DOUBLE POLE SWITCHED FUSED CONNECTION UNIT WITH FLEX OUTLET IN THE BASE - MK K330WHI
- 13 AMP DOUBLE POLE SWITCHED FUSED CONNECTION UNIT - MK K1060WHI
- 32 AMP — 32 AMP DOUBLE POLE SWITCHWITH NEON INDICATOR - MK K5105WHI
- KEY — 20 AMP DOUBLE POLE KEY SWITCH ISOLATOR SWITCH - MK K4780WHI
- 45 AMP CONNECTION UNIT - MK 5045WHI
- 50 AMP — 50 AMP CEILING SWITCH DP WITH NEON INDICATOR - MK 3164WHI
- PD CEILING MOUNTED PRESENCE DETECTOR - CP ELECTRONICS GESM
- WH01 ZIP ES3 INSTANTANEOUS ELECTRIC WATER 2.8kW
- WH02 ZIP ES3 INSTANTANEOUS ELECTRIC WATER 2.8kW
- WH03 ZIP ES3 INSTANTANEOUS ELECTRIC WATER 2.8kW
- WH04 ZIP ES4 INSTANTANEOUS ELECTRIC WATER 4.4kW
- EH01 DIMPLEX FX20EIPX4. PULL CORD CONTROL, THERMOSTATIC CONTROL, TIMER OFF 2kW
- EH02 DIMPLEX LST100 1kW WITH INTEGRAL TIMER AND THERMOSTAT
- EH03 DIMPLEX LST075 0.75kW WITH INTEGRAL TIMER AND THERMOSTAT
- EH04 DIMPLEX LST075 0.75kW WITH INTEGRAL TIMER AND THERMOSTAT
- EH05 DIMPLEX LST075 1.5kW WITH INTEGRAL TIMER AND THERMOSTAT
- EH06 DIMPLEX LST100 1.0kW WITH INTEGRAL TIMER AND THERMOSTAT
- WB01 ZIP HYDRO TAP CLASSIC HT1786UK COMPLETE WITH ZT008 HYDRO TAP DRAIN AND FL100G4KIT SCALE FILTER KIT.
- P1.2 ES01 TRITON SAFEGUARD+ 8.5kW ELECTRIC SHOWER SUPPLIED VIA CEILING MOUNTED DOUBLE POLE SWITCH
- HD01 HAND DRYER 01 - ENERGY EFFICIENT 'AIR BLADE' STYLE - CONTRACTORS CHOICE
- HD02 HAND DRYER 02 - ENERGY EFFICIENT 'AIR BLADE' STYLE - CONTRACTORS CHOICE
- HD03 HAND DRYER 03 - ENERGY EFFICIENT 'AIR BLADE' STYLE - CONTRACTORS CHOICE
- EF01 XPELAIR DX200T EXTRACT FAN WITH TRICKLE EXTRACTION AND SET AT FAN SPEED 2. OVER RUN TIMER SET AT 5 MINUTES. WALL MOUNTED WITH DUCTING AND EXTERNAL GRILLE
- EF02 XPELAIR DX200T EXTRACT FAN WITH TRICKLE EXTRACTION AND SET AT FAN SPEED 1. OVER RUN TIMER SET AT 5 MINUTES. WALL MOUNTED WITH DUCTING AND EXTERNAL GRILLE
- EF03 XPELAIR DX200T EXTRACT FAN WITH TRICKLE EXTRACTION AND SET AT FAN SPEED 1. OVER RUN TIMER SET AT 5 MINUTES. WALL MOUNTED WITH DUCTING AND EXTERNAL GRILLE
- P1.2 ELECTRICAL DADO TRUNKING AND FITTINGS TO BE MARCO CABLE MANAGEMENT APOLLO 3 COMPARTMENT UPVC TRUNKING MOUNTED AT SKIRTING BOARD LEVEL. ALL FITTINGS AND ACCESSORIES TO BE FROM THE ELITE 3 RANGE. ALL OUTLETS TO BE INSTALLED WITH LIGHT GREY INSERTS.
- EATON EBM182 18 x TP+N 125 AMP MEMSHIELD 3 TYPE B DISTRIBUTION BOARD. TO BE FITTED WITH AN EMDL DOOR LOCK. EBMS1253N125 AMP TPSN SWITCHED DISCONNECTOR INCOMMER. EATON MEMSHIELD 3 MCB'S AND RCBO'S AND ALL SPARE CIRCUIT WAYS BLANKED WITH EMBP BLANKING MODULES

DESIGNERS RESIDUAL HAZARDS
MECHANICAL, ELECTRICAL & PUBLIC HEALTH

IN ADDITION TO THE HAZARDS / RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, THE FOLLOWING DESIGNERS RESIDUAL HAZARDS HAVE BEEN IDENTIFIED AND SHOULD BE ADDRESSED/MANAGED BY THE CONTRACTOR. ANY HAZARDS THAT CANNOT BE ADDRESSED AND REMOVED SHALL BE CARRIED FORWARD AS PART OF THE HEALTH AND SAFETY HANDOVER DOCUMENTATION.

	HAZARD	DESCRIPTION
1	N/A	N/A
2		

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED RISK ASSESSMENT AND METHOD STATEMENT.

REV	DATE	DESCRIPTION	DRAWN	CHECKED
P1.2	28/09/2017	CHANGES AS PER MCA REQUESTS	NGS	JDB
P1.1	18/09/2017	MINOR DETAILS & CIRCUIT NUMBER CHANGES	NGS	JDB

CLIENT
MARITIME & COASTGUARD AGENCY

PROJECT
SHRUB END CLINIC
ICENI WAY
COLCHESTER

DRAWING TITLE
PROPOSED
ELECTRICAL POWER AND DATA
SHEET 01 OF 01

DATE	DESIGNED	DRAWN	CHECKED	SCALE(S)
08/08/2017	NGS	NGS	JDB	1:50 @A1

create CONSULTING ENGINEERS LTD
NORWICH LONDON CHELMSFORD GLASGOW
15 PRINCES STREET, NORWICH, NORFOLK, NR3 1AF.
TEL: 01603 877010

DRAWING STATUS
FOR TENDER

PROJ	ORIG	ZONE	LEVEL	TYPE	ROLE	CLASS	PRESEN.	NUMBER	STATUS	REVISION
1321	CCE	00	GF	DR	E	70	P	0501	D2	P1.2

PROPOSED ELECTRICAL POWER AND DATA LAYOUT