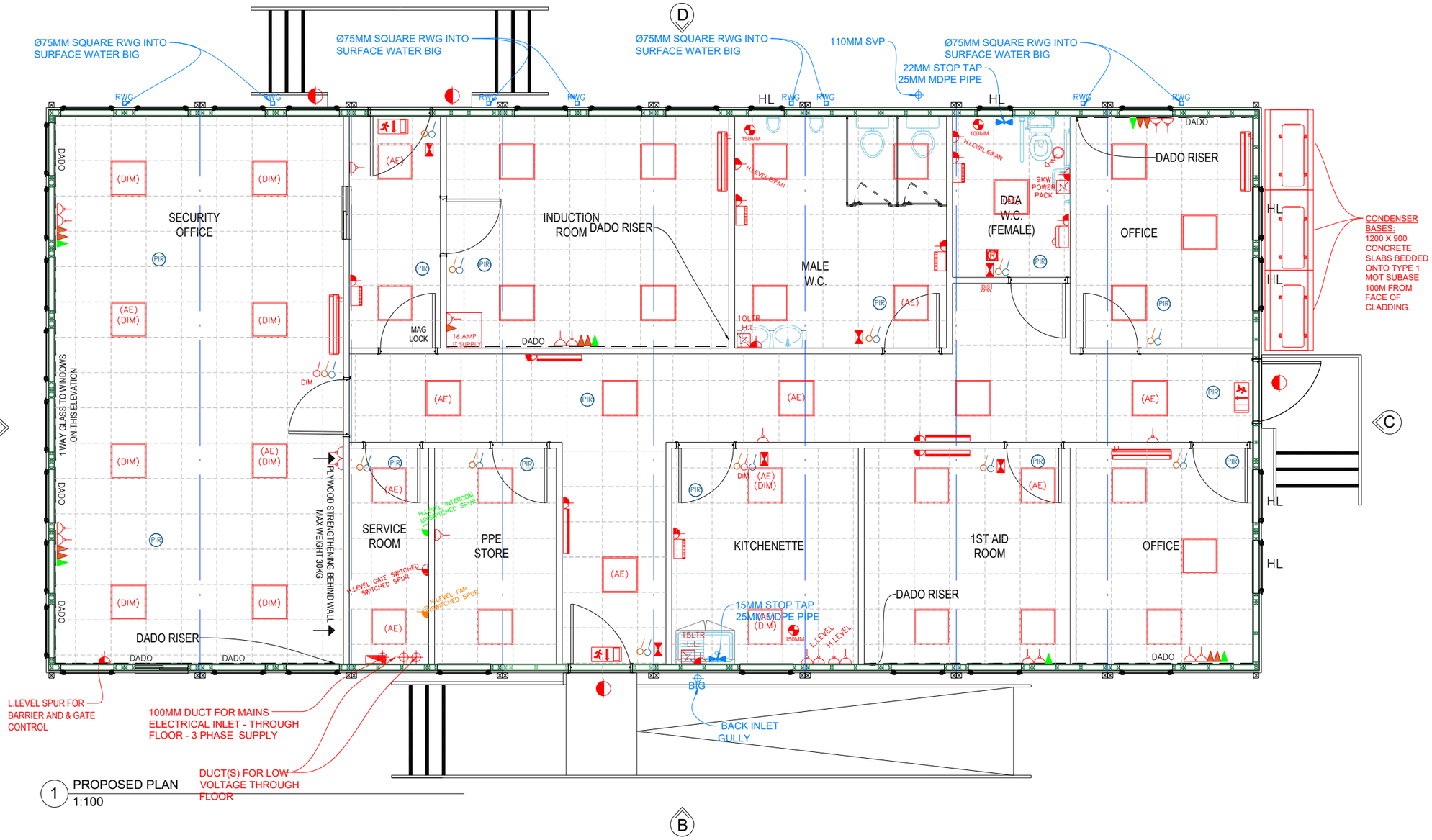


1 PROPOSED PLAN
1:100

GENERAL ELECTRICAL SPECIFICATION:

INTERNAL LIGHTING:
BELL Arial Backlit 36W LED panel (DIM)*
BELL Arial Backlit 36W LED panel c/w emergency backup (DIM)*
BELL Arial Backlit 36W CCT panel (DIM)*
BELL Arial Backlit 36W CCT UGR<19 TPa panel c/w emergency backup (DIM)*
Harlec Plus Panel 600x600 32W c/w emergency packs where shown to all other rooms
Harlec emergency exit signs with running legend to external doors

EXTERNAL LIGHTING:
Harlec external emergency bulkheads above external doors
Emergency lighting to BS 5266 and fire signage 5499

LIGHTING CONTROLS:
GEFL presence detector
MK Override key-switches for PIR in a grid switch
MK Emergency light test key-switch in a grid switch
*MK Retractive dimming switch c/w local isolation

VENTILATION:
Manrose 100mm/150mm timed fan c/w isolator & gravity grill (Toilets & Kitchenette)

CONTAINMENT & POWER:
MK - Dual earth DSSOs
MK - Radial DSSO for IT cabinet
Univolt 3 compartment dado trunking to Clasrrom perimeter
MK - Unswitched fuse spur for M&E outlets
MK - Fused spurs for F.A.P. (unswitched)
MK - Fused spurs for Pedestrian gate & Intercom (switched)
Single data back-boxes
Univolt 3 com. dado trunking

MAINS BOARD:
3 Phase Wylex mains distribution board

HEATING & WATER HEATERS:
1 Fujitsu wall mounted 6Kw a.c. & isolator (Security)
1 Fujitsu wall mounted 2.5Kw a.c. & isolator (Induction)
2 Fujitsu wall mounted 2.5Kw a.c. & isolator (Offices)
6 Consort high level down-flow heaters c/w s/spur (Toilets, Mag-lock Corridor & Kitchenette)
4 Wall mounted heater c/w/ guard and spur (Corridor & 1st Aid Room)
5 Campini anti-tamper room stats
1 10 Ltr water heater
1 15 Ltr water heater
1 9kw Power pack heater

OTHER:
1 C-tech disabled toilet call alarm
1 Earth-bonding
1 Testing & certification
1 Red Arrow hand dryer c/w fuse spur (Access W.C.)
1 Electric mag-lock

FIRE:
By the client's provider

PLUMBING:
1 Inset sink c/w hot & cold lever-taps
1 Doc M pack suite
2 Standard W.C.s c/w plastic push button cisterns
2 Heavy duty W.C. seats
2 Semi-recessed W.H.B.s c/w hot & cold non-con taps
1 Set of 2 urinals c/w Auto cistern
1 15mm TMV valve
1 15mm stop tap & PRV valve
1 22mm Stop tap & PRV valve
1 110mm Vent stack
1 chlorination

ELECTRICAL KEY:
- RECESSED LED LIGHT
- (AE) RECESSED LED LIGHT
- (DIM) RECESSED LED LIGHT
- EXTERNAL LIGHT
- MAINTAINED EMERGENCY EXIT SIGN
- PIR OVERRIDE
- EMERGENCY LIGHT KEY SWITCH
- MAINS DISTRIBUTION BOARD
- DATA POINT (RG45/HDMI/AV)
- PHONE LINE (BACK BOX ONLY)
- DADO DADO TRUNKING
- SINGLE SOCKET OUTLET
- DOUBLE SOCKET OUTLET
- SWITCHED FUSE SPUR
- WATER HEATER
- INTERNAL & EXTERNAL A.C. UNITS
- WALL MOUNTED CONVECTOR HEATER C/W SWITCHED SPUR & GUARD
- 600/1200 TUBULAR HEATER
- HAND DRYER & SWITCHED SPUR
- HIGH LEVEL FAN HEATER & SWITCHED SPUR
- ROOMSTAT
- MECHANICAL EXTRACT FAN & SWITCHED SPUR
- DISABLED ALARM PULL CHORD
- DIS DISABLED ALARM SOUNDER / INDICATOR
- DISABLED ALARM RESET

ALL DRAWINGS ARE THE PROPERTY OF COTAPLAN AND MUST NOT BE REPRODUCED OR FORWARDED WITHOUT PRIOR WRITTEN PERMISSION.
USE DIMENSIONS IN PREFERENCE TO SCALING FROM THE DRAWING.PLEASE CHECK THIS IS THE LATEST DRAWING

REV:	DESCRIPTION:	BY:	DATE:
A	SECTION DETAIL CHANGED	MB	26.4.22

COTAPLAN
MODULAR BUILDING SYSTEMS FOR SALE OR HIRE. EST 1982
UNIT 1, ASHTON GRANGE INDUSTRIAL ESTATE
BRYN ROAD. ASHTON - IN - MAKERFIELD
WIGAN. WN4 8BX
WWW.COTAPLAN.CO.UK
TEL: 01942 271301

TITLE: MECHANICAL & ELECTRICAL

CLIENT: EVONIK

SCALE AT A3:	DATE: 19.11.21	DRAWN: M BRITNER
PROJECT NO:	DRAWING NO: 3129	