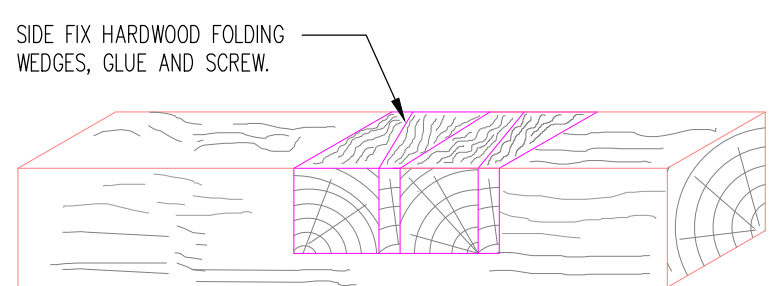
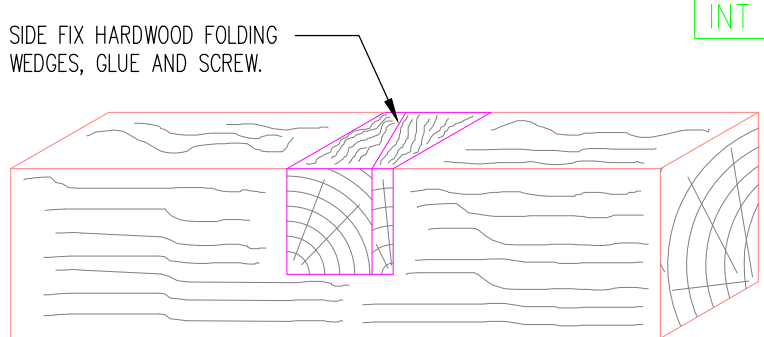


LIGHTING & FIRE ALARM

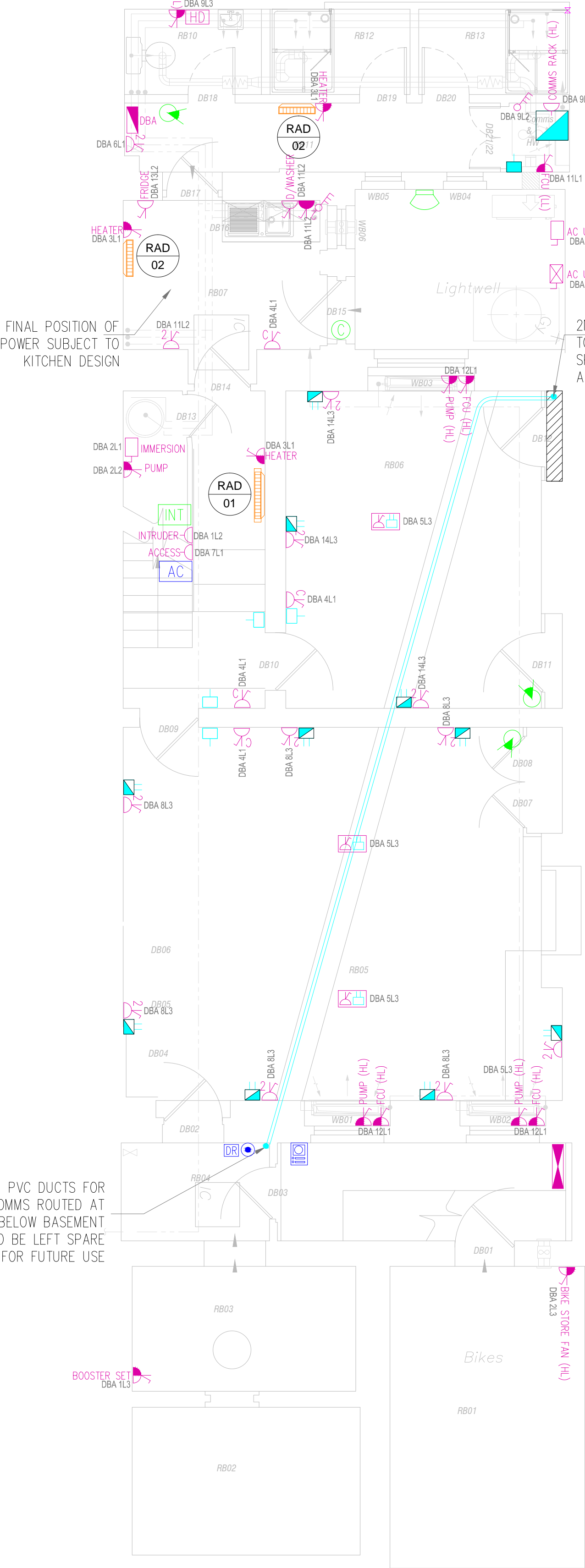
- LEGEND
- A 'SPACE LED' SUSPENDED LED LINEAR LUMINAIRE BY MID LIGHTING WITH UPLIGHTING. MOUNTED AT 0.5m BELOW CEILING. REF: SPACE 2 153 LED 6800-840 PW U-D
  - B LED VAPORPROOF LED BATTEN LUMINAIRE BY QVIS. REF: NCF-1200NW. 3300 LUMENS
  - C 'FR-LED' FIRE RATED LED RECESSED DOWNLIGHT BY MID LIGHTING. IP65. 4000K CCT. GREY BEZEL
  - D 'SPACE LED' SUSPENDED LED LINEAR LUMINAIRE BY MID LIGHTING WITH UPLIGHTING. MOUNTED AT 0.5m BELOW CEILING. REF: SPACE 2 123 LED 840 PW U-D
  - E DENOTES EMERGENCY VERSION OF LIGHT FITTING
  - F 'GLORIOUS' LED DIR./IND LED PENDANT BY PROLIGHT. REF: 410-1023 -03-01. 4000K CCT, OPAL DIFFUSER
  - G 'ADA LED' EXTERNAL UP/DOWNLIGHT BY MID LIGHTING. REF: MI/ADA/150/LED. 4000K CCT
  - H 'CONVEX' LED WALL MOUNTED AMENITY LUMINAIRE BY QVIS. C/W INTEGRAL SENSOR. REF: CON-350ECO-24NW/MS. CONTRACTOR TO CONFIRM PART CODE FOR SENSOR
  - K LED WALL MOUNTED UP & DOWNLIGHTER BY TORNADO LIGHTING. REF: TR7226. 26W LED VERSION
  - L 'GLORIOUS' LED DIR./IND LED PENDANT BY PROLIGHT. REF: 410-1175-03 01. 4000K CCT, OPAL DIFFUSER. DALI DIMMABLE
  - PE EXTERNAL DAYLIGHT PHOTOCELL
  - TI EXTERNAL LIGHTING TIME SWITCH
  - KI EMERGENCY LIGHTING TEST KEY SWITCH FACILITY
  - EM1 RECESSED 230V PIR MOVEMENT SENSOR BY HAGER. FIRE HOODS APPLIED.
  - EM2 'MILEGEND' SURFACE MOUNTED ESCAPE LUMINAIRE BY MID LIGHTING
  - FR 'FRONTIER' IP65 LED LUMINAIRE BY MID LIGHTING. C/W HOOD ATTACHMENT & EMERGENCY BATTERY PACK. 15W VERSION. 3000K CCT. MAINTAINED VERSION
  - MS MASTERSEAL 1 GANG, 1 WAY LIGHT SWITCH
  - MSx MOMENTARY LIGHT SWITCH. No OF GANGS AS INDICATED. BRUSHED STAINLESS STEEL FINISH
  - SD FIRE ALARM SMOKE DETECTOR
  - SV FIRE ALARM SMOKE DETECTOR WITHIN VOID
  - SS FIRE ALARM SMOKE DETECTOR C/W STROBE
  - SSS FIRE ALARM SMOKE DETECTOR C/W SOUNDER
  - SSSS FIRE ALARM SMOKE DETECTOR C/W SOUNDER & STROBE
  - HD FIRE ALARM HEAT DETECTOR
  - HDSS FIRE ALARM HEAT DETECTOR C/W SOUNDER & STROBE
  - SSSSS FIRE ALARM SOUNDER & STROBE
  - FIRE ADDRESSABLE FIRE ALARM PANEL FOR WIRELESS SYSTEM
  - LED INDICATOR
  - MANUAL CALL POINT



NOTCH REPAIR DETAIL 1  
FOR LONG NOTCH APPLICATIONS  
FOR NOTCHES GREATER THAN 25mm DEEP  
(SCALE 1:20)



NOTCH REPAIR DETAIL 2  
FOR NOTCHES GREATER THAN 25mm DEEP  
(SCALE 1:20)



POWER, DATA & SECURITY

- LEGEND
- MAIN 100A TP&N CUT OUT WITH UTILITY METER
  - HAGER 'INVICTA' TPN DISTRIBUTION BOARD. C/W INTEGRAL METER
  - UN-SWITCHED FUSE CONNECTION UNIT (OPERATION AS SHOWN)
  - SWITCH FUSE CONNECTION UNIT C/W NEON INDICATOR. BRUSHED STAINLESS STEEL FACEPLATE WHEN VISIBLE
  - TRIPLE POLE ISOLATOR FOR FAN UNITS AT HIGH LEVEL
  - CLEANERS SOCKET OUTLET FULLY RECESSED AT LOW LEVEL. BRUSHED STAINLESS STEEL FACEPLATE
  - DOUBLE SWITCH SOCKET OUTLET FULLY RECESSED AT LOW LEVEL. BRUSHED STAINLESS STEEL FACEPLATE
  - DOUBLE SWITCH SOCKET OUTLET INSTALLED ON DADO TRUNKING/ABOVE WORKTOP. BRUSHED STAINLESS STEEL FACEPLATE
  - METAL CLAD DOUBLE SWITCH SOCKET OUTLET
  - SINGLE PHASE ISOLATOR - RATING AND OPERATION AS SHOWN
  - THREE PHASE ISOLATOR - RATING AND OPERATION AS SHOWN
  - MULTI-COMPARTMENT FLOOR RECESSED POWER/DATA BOX BY LE GRAND. INCLUDES 2 DOUBLE SOCKETS & 4 RJ-45'S
  - WARNER HOWARD AIR FORCE 1.1kW HAND DRYER IN CHROME
  - SINGLE RJ45 VOICE & DATA OUTLET FULLY RECESSED AT LOW LEVEL. BRUSHED STAINLESS STEEL FACEPLATE
  - DOUBLE RJ45 VOICE & DATA OUTLET FULLY RECESSED AT LOW LEVEL. BRUSHED STAINLESS STEEL FACEPLATE
  - SINGLE RJ45 VOICE & DATA OUTLET FULLY RECESSED AT 1200mm AFFL. BRUSHED STAINLESS STEEL FACEPLATE
  - COMMS RACK
  - ACCESS CONTROL POWER CONTROL CENTRE
  - ACCESS CONTROL DOOR RELEASE BUTTON
  - ACCESS CONTROL DOOR MAG LOCK
  - ACCESS CONTROL EMERGENCY EGRESS BREAK GLASS UNIT
  - HANDSET WITH INTEGRAL ACCESS PERMITTED BUTTON - EXACT POSITION TO BE AGREED.
  - FLUSH MOUNTED INTERCOM WITH INTEGRAL CARD READER. STAINLESS STEEL FINISH - POSITION TO BE AGREED
  - INTRUDER DETECTION PIR SENSOR
  - INTRUDER DETECTION FINAL EXIT / ENTRANCE KEY PAD
  - INTRUDER DETECTION EXTERNAL SOUNDER BEACON
  - INTRUDER DETECTION DOOR CONTACTS
  - INTRUDER DETECTION PANEL



FR LED DOWNLIGHTER



MILEGEND ESCAPE LIGHT



FRONTIER



TORNADO WALL LIGHT

RESIDUAL RISKS

1. THERE ARE NO FORESEEN SIGNIFICANT RISKS.

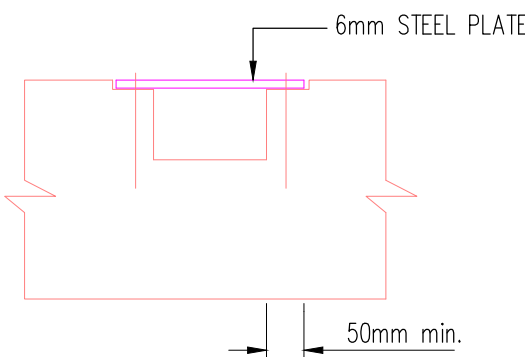


WARNING

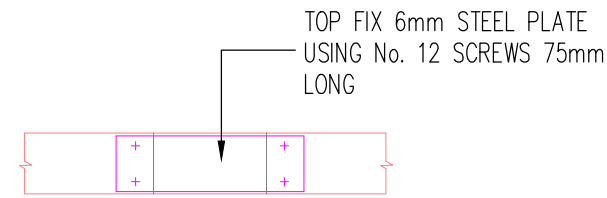
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ELECTRICAL DRAWING NOTES

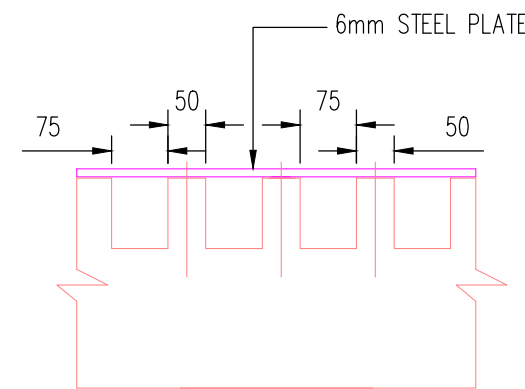
- ELECTRICAL INSTALLATION TO FULLY COMPLY WITH BS7671:2008.
- ALL CABLE ROUTES ARE INDICATIVE ONLY.
- ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.
- ALL ACCESSORIES TO BE AT LEAST 350mm FROM CORNERS TO ALLOW FOR DECORATING AND COMPLIANCE WITH PART M OF THE BUILDING REGULATIONS.
- CABLE ROUTES TO BE CO-ORDINATED WITH ALL OTHER SERVICES, STRUCTURE, BUILDING CONSTRUCTION ETC.
- ALL FINAL CONTAINMENT FROM THE MAIN CONTAINMENT RUNS SHALL BE SHOWN ON THE WORKING DRAWINGS AND AS BUILT DRAWINGS
- ALL CONTAINMENT BREACHES THROUGH FIRE COMPARTMENTS SHALL BE SUITABLY TREATED TO MAINTAIN THE INTEGRITY OF THE FIRE COMPARTMENT WALL. SEE THE FIRE STRATEGY DRAWING FOR INFORMATION ON FIRE COMPARTMENTS.
- THE DRAWING IS TO BE READ IN CONJUNCTION WITH THE MECHANICAL & ELECTRICAL SERVICES SPECIFICATION AND DRAWINGS.
- FIRE ALARM INSTALLATION TO COMPLY FULLY WITH BS5839 Pt 1 : 2013
- LIGHTING INSTALLATIONS TO COMPLY WITH THE CIBSE CODE FOR INTERIOR LIGHTING
- EMERGENCY LIGHTING TO COMPLY FULLY WITH BS5266:2011



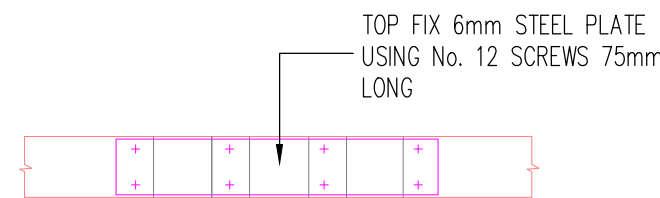
NOTCH REPAIR DETAIL 1  
FOR NOTCHES UPTO 25mm DEEP & OVER SERVICES  
(SCALE 1:10)



PLAN ON NOTCH REPAIR  
(SCALE 1:10)

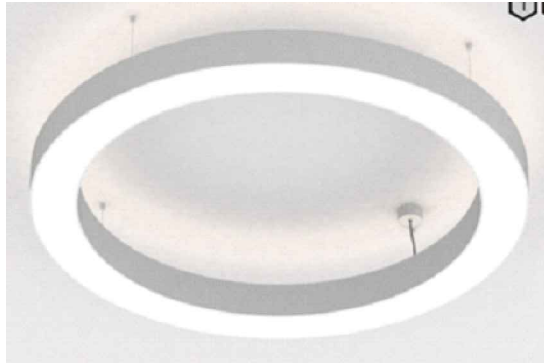


MULTI-NOTCH REPAIR DETAIL 2  
FOR NOTCHES UPTO 25mm DEEP & OVER SERVICES  
(SCALE 1:10)



PLAN ON MULTI-NOTCH REPAIR  
(SCALE 1:10)

ELECTRIC RADIATOR SCHEDULE						
ID	MAKE	MODEL	HEIGHT	LENGTH	DEPTH	OUTPUT
RAD-01	DIMPLEX GIRONA	GFP100W C/W RX24TI CONTROL	565mm	700mm	107mm	1000W
RAD-02	DIMPLEX GIRONA	GFP050W C/W RX24TI CONTROL	565mm	530mm	107mm	500W



GLORIOUS LED DIRECT/INDIRECT LUMINAIRE



ADA LED EXTERNAL LUMINAIRE

XREF HISTORY

Architects Information			
Company	Filename	Drawing No.	Revision
-	EXISTING & PROPOSED BASEMENT PLAN	-	DRAFT

P2	KM	x	ONGOING DESIGN DEVELOPMENT
P1	KM	20.09.17	PRELIMINARY ISSUE
Rev	Dwn	Date	Description

PURPOSE OF ISSUE

PRELIMINARY

CLIENT

THE BEDFORD ESTATES

SCHEME

81 GOWER STREET

LONDON

TITLE

ELECTRICAL SERVICES

BASEMENT LEVEL

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construction

SCALE 1:50 @ A1

DATE SEP. 2017

DRAWN BY KM

CHECKED BY ITD

DRAWING NO. 17/2469/E00

REVISION P2