

GENERAL NOTES

1. THIS DRAWING SHOWS THE DESIGN PROPOSAL FOR A WORKSPACE AT TECHNICAL DESIGN LEVEL OF DETAIL AND COMPLETENESS AS DEFINED BY BSRA B04 2018. ALL QUANTITIES AND LOCATIONS ARE BASED ON GENERIC EQUIPMENT SELECTIONS AND SHALL BE COORDINATED AND FULLY COORDINATED AS PART OF THE CONSTRUCTION STATE DESIGN ACTIVITIES.
2. DO NOT SCALE OF THIS DRAWING. ALL DIMENSIONS ARE IN MM AND ANGLES IN DEGREES UNLESS OTHERWISE NOTED.
3. THE DRAWINGS IS TO BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATION AND WORKMANSHIP DETAILS. OTHER MEP DRAWINGS, ARCHITECTURAL & STRUCTURAL INFORMATION AND ALONG WITH ANY OTHER RELEVANT PROJECT CONSTRUCTION DOCUMENTATION.
4. ANY WORKS TO THE EXTERIOR TO THE BUILDINGS ARE SUBJECT TO LISTED BUILDING CONSENT AND SHALL BE UNDERTAKEN STRICTLY IN ACCORDANCE WITH THE SUBMITTAL INFORMATION AND THE ARCHITECTURAL CONSTRUCTION INFORMATION.

DRAWING NOTES

1. EXISTING MALE WC HAND DRYERS AND ASSOCIATED POWER SUPPLIES TO BE RETAINED.
2. EXISTING FEMALE WC AND BABY CHANGING HAND DRYERS AND WATER HEATERS PLUS ASSOCIATED POWER SUPPLIES TO BE RETAINED.
3. EXISTING KITCHEN WIRING ACCESSORIES AND CABLING TO BE RETAINED.

LEGEND

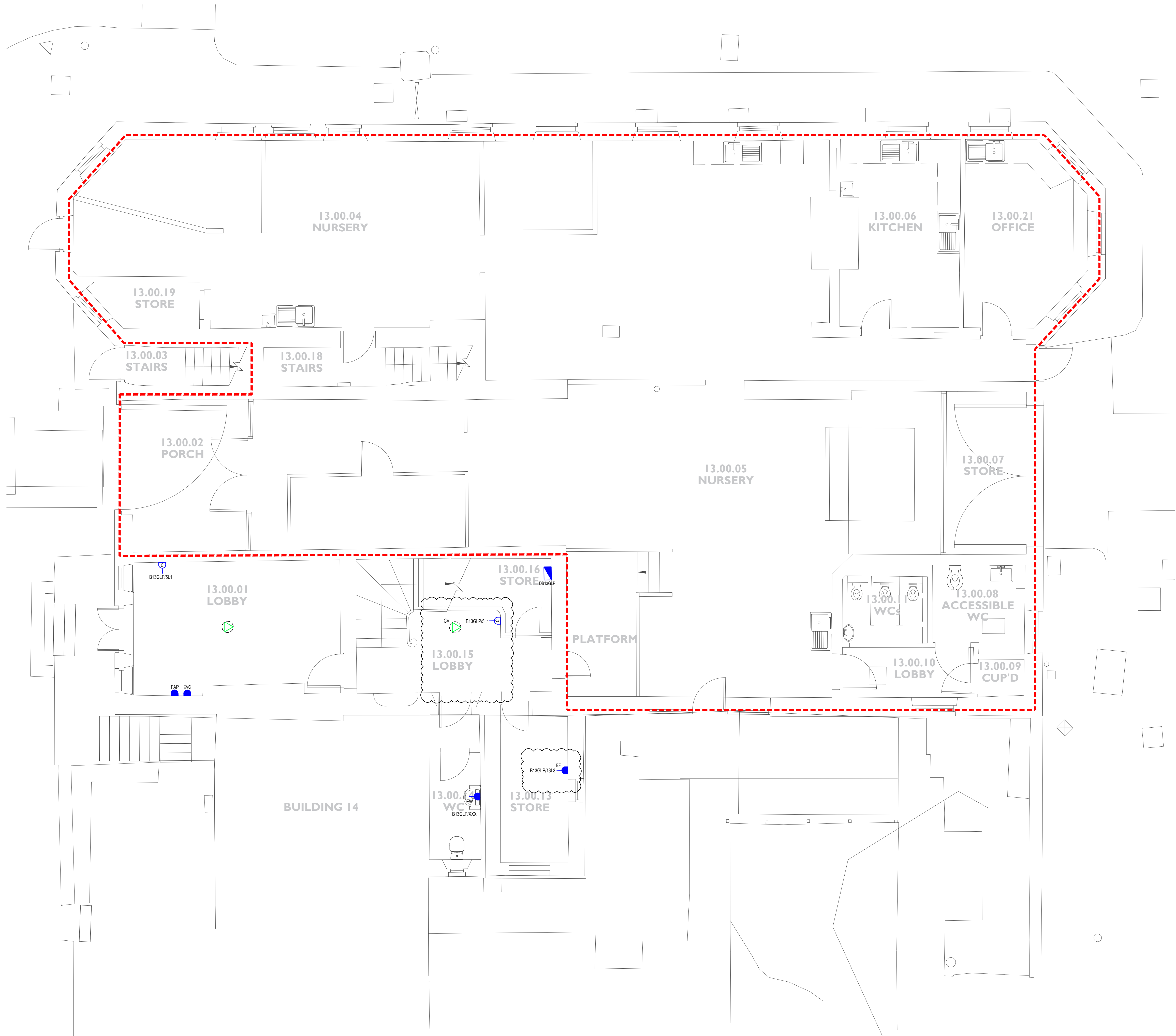
-  CLEANERS SOCKET OUTLET AT 450mm AFFL
 -  SWITCHED TWIN SOCKET OUTLET
 -  UNSWITCHED SINGLE SOCKET OUTLET
 -  TWIN DATA SOCKET OUTLET
 -  SWITCHED CONNECTION UNIT
 -  BS EN40309-1 INDUSTRIAL OUTLET, TYPE AND RATING AS NOTED
 -  WIFI ACCESS POINT, CEILING MOUNTED
 -  DADO TRUNKING
 -  MECHANICAL HVAC/BMS CONTROL PANEL
- EX DENOTES EXISTING

KEY TO WIRING ACCESSORIES

- | | |
|-----|--|
| EF | 13AMP SURFACE MOUNTED UNINTERRUPTED FUSED CONNECTION UNIT LOCATED IN CEILING VOU FOR CLEANERS STORE EXTRACT FAN. FINAL CONNECTION VIA HEAT RESISTANT FLEXIBLE CABLE. |
| HO | 13AMP FUSED CONNECTION UNIT MOUNTED IN ACCESSIBLE LOCATION FOR DOOR TO DOOR DÉTENTES POWER SUPPLY UNIT. |
| IT | SWITCH INTERRUPTED SBN690309 INDUSTRIAL OUTLET. WALL MOUNTED AT 1800 AFFL TO SERVICE WALL MOUNTED TO CABINET. |
| EW | 13AMP SURFACE MOUNTED METAL CLAD FUSED CONNECTION UNIT FOR ELECTRIC WATER HEATER. FINAL CONNECTION VIA HEAT RESISTANT FLEXIBLE CABLE. |
| HRU | 13AMP SURFACE MOUNTED METAL CLAD FUSED CONNECTION UNIT FOR MEETING ROOM HEAT RECOVERY UNIT LOCATED IN ROOF VOU. FOU TO BE LOCATED ADJACENT TO THE HRU IN ROOF VOU. |

KEYS TO HEIGHTS

- H/L HIGH LEVEL, 2000mm AFFL
M/L MID LEVEL 1000mm AFFL
D/L DADO LEVEL 800mm AFFL TO BOTTOM EDGE
L/L 450mm AFFL
A/B 150mm ABOVE BENCH



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A1

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P06	01.03.24	UPDATED TO SUIT REVISED GA's	DB	MMc
P05	05.12.23	ENTRANCE ARRANGEMENT UPDATED	RT	MMc
P04	22.09.23	SUITABLE FOR TENDER	RC	MMc
P03	25.08.23	UPDATED FOR WIS4	BM	MMc
P02	02.06.23	UPDATED TO ARCHITECTS COMMENTS AND LAYOUTS	LC	RP
P01	31.03.23	PRELIMINARY ISSUE	LC	RP
REV	DATE	DESCRIPTION	DRAWN	APP



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Project

ELSECAR: FORGING AHEAD

Electrical Engineering Services
Proposed Small Power and Data Layout
Ground Floor
Building 13

Architect
PURCELL

Client
BARNSELY MBC

Suitability:	Code	Description
	D2	FOR TENDER

Revision: P06	Scale: 1:50	TGA Proj No: 8193	Stage: 4
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Drawing Reference:
Project-Originator-Zone-Level-Type-Role-Classification-Number
EFAS-TGA-13-00-DR-E-62001

GENERAL NOTES:

- THIS DRAWING SHOWS THE DESIGN PROPOSAL FOR A WORKSTAGE 4 TECHNICAL DESIGN LEVEL OF DETAIL AND COMPLETENESS AS DEFINED BY BSRIA B06:2018. ALL QUANTITIES AND LOCATIONS ARE BASED ON GENERIC EQUIPMENT SELECTIONS AND SHALL BE CONFIRMED AND FULLY COORDINATED AS PART OF THE CONSTRUCTION STAGE DESIGN ACTIVITIES.
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LEGEND:

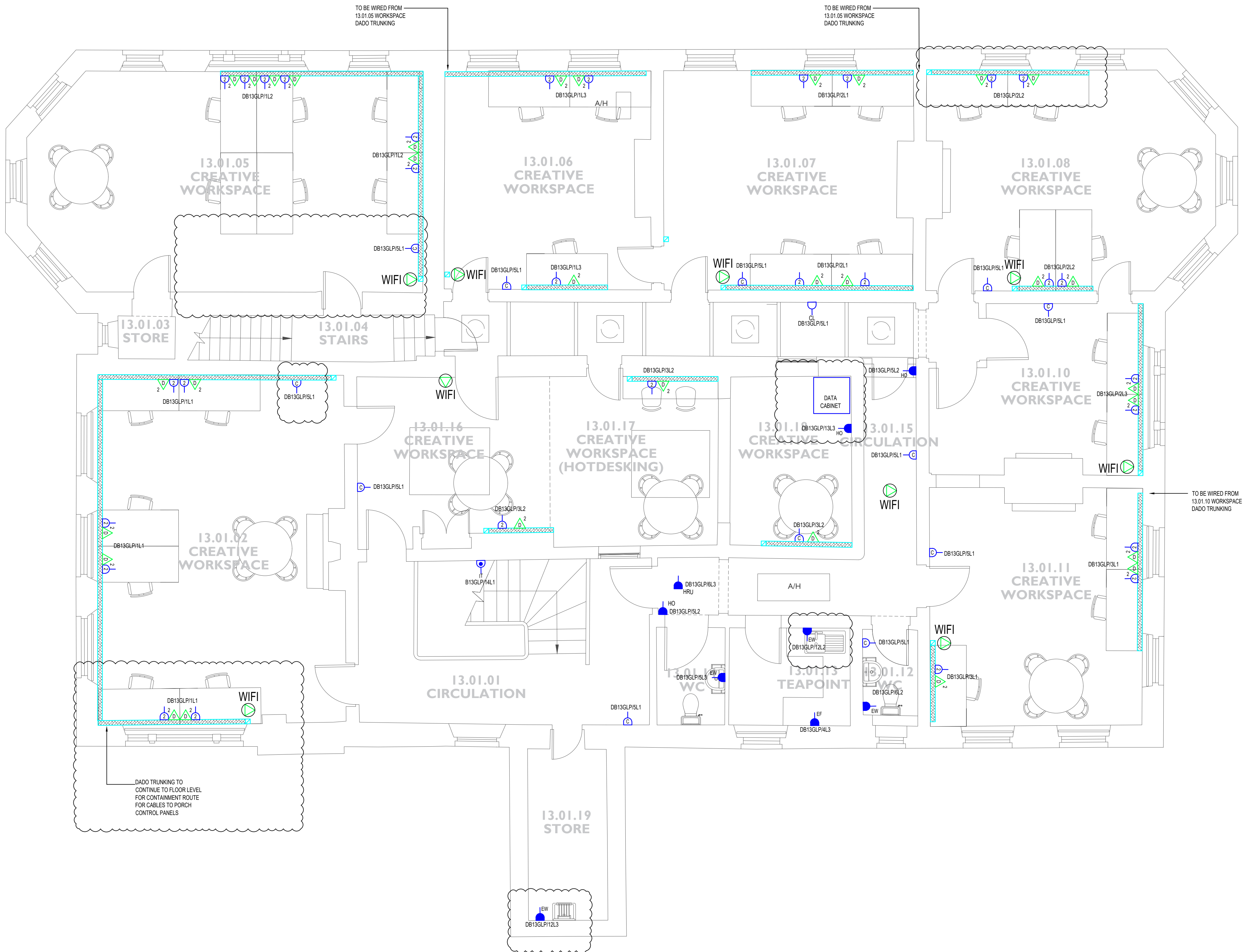
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- WIFI ACCESS POINT, CEILING MOUNTED
- DADO TRUNKING
- MECHANICAL HVAC/BMS CONTROL PANEL
- EX DENOTES EXISTING

KEY TO WIRING ACCESSORIES

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- HO 13AMP FUSED CONNECTION UNIT MOUNTED IN ACCESSIBLE LOCATION FOR DOOR TO DOOR DÉTENTES POWER SUPPLY UNIT.
- IT SWITCH INTERLOCKED BS EN60309 INDUSTRIAL OUTLET, WALL MOUNTED AT 1800 AFFL TO SERVE WALL MOUNTED IT CABINET.
- EW 13AMP SURFACE MOUNTED METAL CLAD FUSED CONNECTION UNIT FOR ELECTRIC WATER HEATER. FINAL CONNECTION VIA HEAT RESISTANT FLEXIBLE CABLE.
- HRU 13AMP SURFACE MOUNTED METAL CLAD FUSED CONNECTION UNIT FOR MEETING ROOM HEAT RECOVERY UNIT LOCATED IN ROOF VOID. FCU TO BE LOCATED ADJACENT TO THE HRU IN ROOF VOID.

KEYS TO HEIGHTS

- HL HIGH LEVEL, 2000mm AFFL
- ML MID LEVEL, 1000mm AFFL
- DL DADO LEVEL, 800mm AFFL TO BOTTOM EDGE
- L.L. 450mm AFFL
- A/B 150mm ABOVE BENCH



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P02	02.08.23	UPDATED TO ARCHITECTS COMMENTS AND LAYOUTS	LC	RP
P01	31.03.23	PRELIMINARY ISSUE	LC	RP
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Project
ELSECAR: FORGING AHEAD

Title
ELECTRICAL ENGINEERING SERVICES
PROPOSED SMALL POWER AND DATA LAYOUT
FIRST FLOOR
BUILDING 13

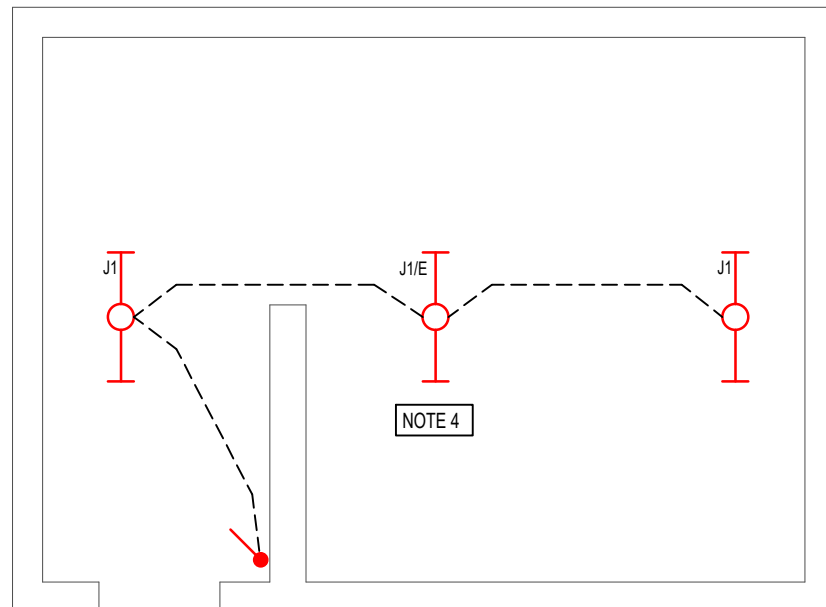
Architect
PURCELL

Client
BARNSELEY MBC

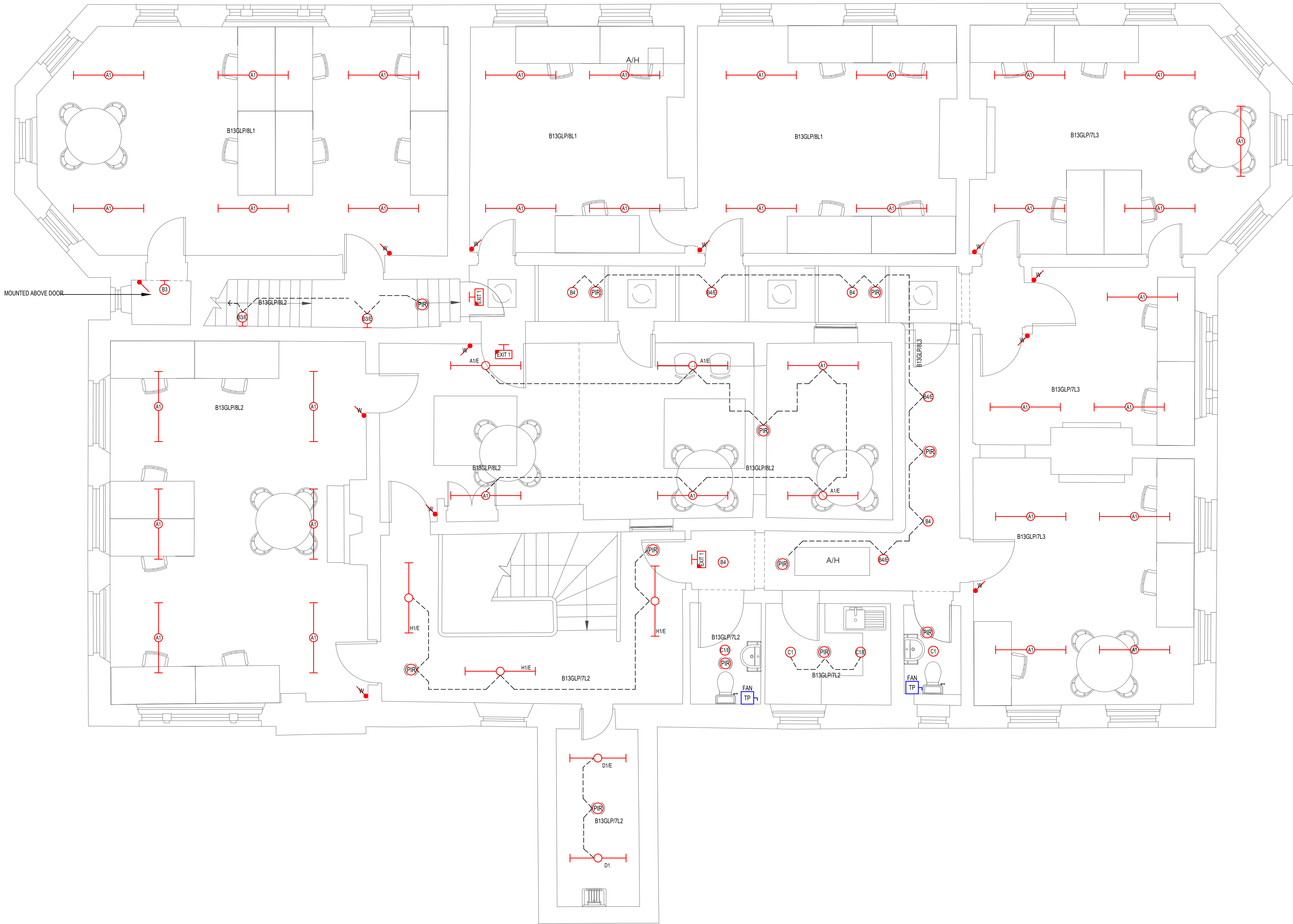
Suitability: Code Description
D2 FOR TENDER

Revision:	Scale:	TGA Proj No:	Stage:
P05	1:50	8193	4

Drawing Reference:
Project-Originator-Zone-Level-Type-Role-Classification-Number
EFAS-TGA-13-01-DR-E-62001



Drawing Reference:
Project-Originator-Zone-Level-Type-Role-Classification-Number
EFAS-TGA-13-00-DR-E-63001



LEGEND:

- A1 SUSPENDED INDIRECT/DIRECT LINEAR 1500 LENGTH LED LUMINAIRE WITH L33 UGR19 COMPLAINT OPTIC, OPAL DIFFUSER AND CR4 STEEL BODY WITH WHITE TBC POLYESTER COATED BODY. IP20, 5020 LUMEN OUTPUT. AS DEXTRA RUBIX SUSPENDED - RBX BD L60.
- A1E SUSPENDED INDIRECT/DIRECT LINEAR 1500 LENGTH LED LUMINAIRE WITH L33 UGR19 COMPLAINT OPTIC, OPAL DIFFUSER AND CR4 STEEL BODY WITH WHITE TBC POLYESTER COATED BODY. IP20, 5020 LUMEN OUTPUT. AS DEXTRA RUBIX SUSPENDED. COMPLETE WITH 3 HOUR INTEGRAL EMERGENCY BATTERY AND SELF TEST FACILITY - AS DEXTRA RUBIX SUSPENDED RBX BD L60 L33.
- B1 RECESSED CIRCULAR LED DOWNLIGHTER WITH 167MM DIA WHITE BEZEL. IP40 1951 LUMEN OUTPUT. AS DEXTRA BTEC - BTEC L22.
- B1E RECESSED CIRCULAR LED DOWNLIGHTER WITH 167MM DIA WHITE BEZEL. IP40 1951 LUMEN OUTPUT. AS DEXTRA BTEC. COMPLETE WITH 3 HOUR INTEGRAL EMERGENCY BATTERY AND SELF TEST FACILITY BTEC L22 L33.
- B2 RECESSED CIRCULAR LED DOWNLIGHTER WITH 220MM DIA WHITE BEZEL. IP40 2571 LUMEN OUTPUT. AS DEXTRA BTEC L30.
- B2E RECESSED CIRCULAR LED DOWNLIGHTER WITH 220MM DIA WHITE BEZEL. IP40 2571 LUMEN OUTPUT. AS DEXTRA BTECAS ABOVE. COMPLETE WITH 3 HOUR INTEGRAL EMERGENCY BATTERY AND SELF TEST FACILITY AS DEXTRA BTEC L30 L33.
- B3 WALL MOUNTED CIRCULAR LED LUMINAIRE WITH POLYCARBONATE MATT WHITE BODY AND OPAL DIFFUSER. SUPPLIED WITH INTEGRAL MOTION SENSOR AS DEXTRA AMED - AMED L40 + AMED AWR.
- B3E WALL MOUNTED CIRCULAR LED LUMINAIRE WITH POLYCARBONATE MATT WHITE BODY AND OPAL DIFFUSER. SUPPLIED WITH INTEGRAL MOTION SENSOR. COMPLETE WITH 3 HOUR EMERGENCY BATTERIES AND SELF TEST FACILITY AS DEXTRA AMED - AMED L40 L33 + AMED AWR.
- B4 RECESSED CIRCULAR LED LUMINAIRE WITH POLYCARBONATE MATT WHITE BODY AND OPAL DIFFUSER. SUPPLIED WITH INTEGRAL MOTION SENSOR. AS AMED L40 + AMED AWR.
- B4E CEILING MOUNTED CIRCULAR LED LUMINAIRE WITH POLYCARBONATE MATT WHITE BODY AND OPAL DIFFUSER. SUPPLIED WITH INTEGRAL MOTION SENSOR. COMPLETE WITH 3 HOUR EMERGENCY BATTERIES AND SELF TEST FACILITY AS DEXTRA AMED - AMED L40 L33 + AMED AWR.
- C1 RECESSED CIRCULAR SHALLOW PROFILE LED DOWNLIGHTER WITH 167MM DIA WHITE BEZEL AND SPECULAR REFLECTOR. IP40, 1911 LUMEN OUTPUT. AS DEXTRA RTEC - RTEC L22R.
- C1E RECESSED CIRCULAR SHALLOW PROFILE LED DOWNLIGHTER WITH 167MM DIA WHITE BEZEL AND SPECULAR REFLECTOR. IP40, 1911 LUMEN OUTPUT. AS DEXTRA RTEC. COMPLETE WITH 3 HOUR INTEGRAL EMERGENCY BATTERY AND SELF TEST FACILITY AS DEXTRA RTEC - RTEC L22R L33.
- D1 SURFACE MOUNTED LINEAR LED BATTEN 1200 LENGTH LUMINAIRE WITH WHITE POWDER PAINTED METAL BODY AND STEEL SPINE AND HIGH TRANSMISSION CURVED OPAL DIFFUSER. SUPPLIED WITH INTEGRAL PRESENCE DETECTION, IP 20 AS DEXTRA ECOPAK SENSOR. AS DEXTRA ECOPAK SENSOR - ECOPAK L38 R25E.
- D1E SURFACE MOUNTED LINEAR LED BATTEN 1200 LENGTH LUMINAIRE WITH WHITE POWDER PAINTED METAL BODY AND STEEL SPINE AND HIGH TRANSMISSION CURVED OPAL DIFFUSER. SUPPLIED WITH INTEGRAL PRESENCE DETECTION, IP 20 AS DEXTRA ECOPAK SENSOR. COMPLETE WITH 3 HOUR INTEGRAL EMERGENCY BATTERY AND SELF TEST FACILITY AS DEXTRA ECOPAK SENSOR - ECOPAK L38 R25E.
- D2 SURFACE MOUNTED LINEAR LED BATTEN 1500 LENGTH LUMINAIRE WITH WHITE POWDER PAINTED METAL BODY AND STEEL SPINE AND HIGH TRANSMISSION CURVED OPAL DIFFUSER. IP 20 AS DEXTRA ECOPAK - EPK L33.
- D2E SURFACE MOUNTED LINEAR LED BATTEN 1500 LENGTH LUMINAIRE WITH WHITE POWDER PAINTED METAL BODY AND STEEL SPINE AND HIGH TRANSMISSION CURVED OPAL DIFFUSER. IP 20 AS DEXTRA ECOPAK. COMPLETE WITH 3 HOUR INTEGRAL EMERGENCY BATTERY AND SELF TEST FACILITY AS DEXTRA ECOPAK - EPK L35 L33.
- F1 SURFACE MOUNTED CANISTER DOWNLIGHT WITH ALUMINIUM POWDER COATED BLACK RAL8005 PAINT FINISH AND CLEAR GLASS COVER AND ALUMINIUM REFLECTOR. IP20, 2796 LUMENS. AS DEXTRA COMTEC - CTEC L30 BLACK + BL CTEC S CG.
- G1 RECESSED LINEAR 1500 LENGTH LED LUMINAIRE WITH ALUMINIUM BODY AND OPAL DIFFUSER. AS DEXTRA RUNWAY - RWY1500 L22 OP.
- H1 SUSPENDED 1500 LENGTH LINEAR LED LUMINAIRE WITH EXTRUDED IP20 ALUMINIUM BODY AND OPAL DIFFUSER. AS DEXTRA RUNWAY - RWY 1500 L60 BD OP WH.
- H1E SUSPENDED 1500 LENGTH LUMINAIRE WITH EXTRUDED IP20 WHITE ALUMINIUM BODY AND OPAL DIFFUSER. AS DEXTRA RUNWAY - RWY 1500 L60 BD OP WH L33.
- H2 WALL MOUNTED LINEAR LED BI DIRECTIONAL (75/25) LUMINAIRE. MOUNTED AT 2700 AFTL. 4244 LUMEN OUTPUT. WITH EXTRUDED BLACK ALUMINIUM BODY AND OPAL DIFFUSER. AS DEXTRA RUNWAY WALL - RWY 1500 L60 BD BL.
- J1 SURFACE MOUNTED LINEAR LED 1200mm LENGTH LUMINAIRE WITH GRP BODY AND POLYCARBONATE DIFFUSER. IP65. AS DEXTRA HYDRA - HYDL28PC45.
- J1E SURFACE MOUNTED LINEAR LED 1200mm LENGTH LUMINAIRE WITH GRP BODY AND POLYCARBONATE DIFFUSER. IP65. COMPLETE WITH 3 HOUR INTEGRAL EMERGENCY BATTERY AND SELF TEST FACILITY HYDL28PC45.
- E1 RECESSED NON-MAINTAINED 3HR EMERGENCY LUMINAIRE. WITH LITHIUM IRON PHOSPHATE BATTERY. COMPLETE WITH THREE EASILY INTERCHANGEABLE LENSES FOR OPEN AREA (ANTI PANIC), ESCAPE ROUTE AND SPOT APPLICATIONS. AS DEXTRA LED4 - LED4R NM3 L33.
- E2 SURFACE MOUNTED EMERGENCY NON MAINTAINED BULKHEAD LUMINAIRE. SUPPLIED WITH LITHIUM IRON PHOSPHATE BATTERY AND AUTOMATIC SELF TEST FUNCTIONALITY. AS DEXTRA AME2 - AME2 NM3 L33.
- EX11 SURFACE MOUNTED LED ILLUMINATED EXIT SIGN WITH PICTOGRAM. WITH SELF TEST FACILITY. AS DEXTRA EX13 - EX13 NM3 L33.
- EX12 SURFACE MOUNTED LED ILLUMINATED EXIT SIGN WITH PICTOGRAM. 385mm HEIGHT FOR INCREASED VIEWING DISTANCE. WITH SELF TEST FACILITY. AS DEXTRA EX1L - EX1L NM3 IP20 L33.
- EX13 SEMI RECESSED LED ILLUMINATED EXIT SIGN WITH 3hr INTEGRAL LITHIUM BATTERIES AND SELF TEST FACILITY AS DEXTRA OAT2 - OAT2 NM3 L33 AT3.
- PIR CEILING MOUNTED MOTION SENSOR - MICROWAVE.

- INDICATED LUMINAIRE SWITCHING GROUP
- XG 1 GANG 1 WAY LIGHT SWITCH. XG DENOTES No. OF GANGS
- XG 1 GANG 2 WAY LIGHT SWITCH. XG DENOTES No. OF GANGS
- XG 1 GANG WIRELESS LIGHT SWITCH. XG DENOTES No. OF GANGS
- FAN TP TP ISOLATOR. ENGRAVED FAN FOR SUPPLY TO LOCAL EXTRACT FAN. WIRED FROM LOCAL LIGHTING CIRCUIT
- EXTENT OF NURSERY DEMISE - NO WORKS UNLESS INDICATED.

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- THIS DRAWING SHOWS THE DESIGN PROPOSAL FOR A WORKSTAGE 4 TECHNICAL DESIGN LEVEL OF DETAIL AND COMPLETENESS AS DEFINED BY BSRIA 956: 2018. ALL QUANTITIES AND LOCATIONS ARE BASED ON GENERIC EQUIPMENT SELECTIONS AND SHALL BE CONFIRMED AND FULLY COORDINATED AS PART OF THE CONSTRUCTION STAGE DESIGN ACTIVITIES.
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- DRAWING NOTES:
- ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH BS7671:2018 REQUIREMENTS FOR ELECTRICAL INSTALLATIONS, INCLUDING ALL AMENDMENTS.
 - ALL EMERGENCY LUMINAIRES TO BE WIRED FROM THE LOCAL LIGHTING CIRCUIT. TEST KEY SWITCHES ARE NOT REQUIRED.
 - REFER TO DRAWINGS EFAS-TGA-13-ZZ-DR-E-63001 & 63002 FOR DETAILS OF EXTERNAL LIGHTING AND EXTERNAL EMERGENCY LUMINAIRES FOR FINAL EXITS.
 - EXISTING BASEMENT PLANT ROOM CONTAINMENT AND SWITCH POSITION TO BE REUSED. CIRCUIT TO BE WIRED IN XLPE/SWA CABLE ON EXISTING CABLE TRAY FROM DB TO FIRST LUMINAIRE THEN 6491B CABLEING THEREAFTER.
 - NEW LUMINAIRES TO BE WIRED INTO EXISTING LOCAL LIGHTING CIRCUIT.
 - EXTERNAL LIGHTING CONTROLS, INCLUDING OVER RIDE SWITCH TO BE LOCATED ADJACENT TO NEW DISTRIBUTION BOARDS.

P05	01.03.24	UPDATED TO SUIT REVISED GA's	DB	MMc
P04	22.09.23	SUITABLE FOR TENDER	RC	MMc
P03	25.08.23	UPDATED FOR WS4	BM	MMc
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REV	DATE	DESCRIPTION	DRAWN	APP



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Project
ELSECAR: FORGING AHEAD

Title
ELECTRICAL ENGINEERING SERVICES
PROPOSED GENERAL AND EMERGENCY LIGHTING
LAYOUT
FIRST FLOOR
BUILDING 13

Architect
PURCELL
Client
BARNSELEY MBC

Suitability: Code Description
D2 FOR TENDER

Revision:	Scale:	TGA Proj No:	Stage:
P05	1:50	8193	4

Drawing Reference:
Project-Originator-Zone-Level-Type-Role-Classification-Number
EFAS-TGA-13-01-DR-E-63001

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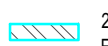
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DRAWING NOTES:

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- ONLY PRIMARY CONTAINMENT SHOWN, ANY SECONDARY CONTAINMENT TO BE DETAILED AS PART OF THE CONSTRUCTION STAGE ACTIVITIES.

LEGEND:

-  2 COMPARTMENT IP44 STEEL TRUNKING - SIZE AS INDICATED, ALL COMPARTMENTS OF EQUAL SIZE
-  DADO TRUNKING DROP POSITION - REFER TO GENERAL POWER AND ICT DRAWINGS FOR DETAILS
-  INDICATED EXTENT OF NURSERY DEMISE - NO WORKS UNLESS STATED
-  LV DISTRIBUTION BOARD - REFER TO LV SCHEMATIC FOR DETAILS

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Project
ELSECAR: FORGING AHEAD

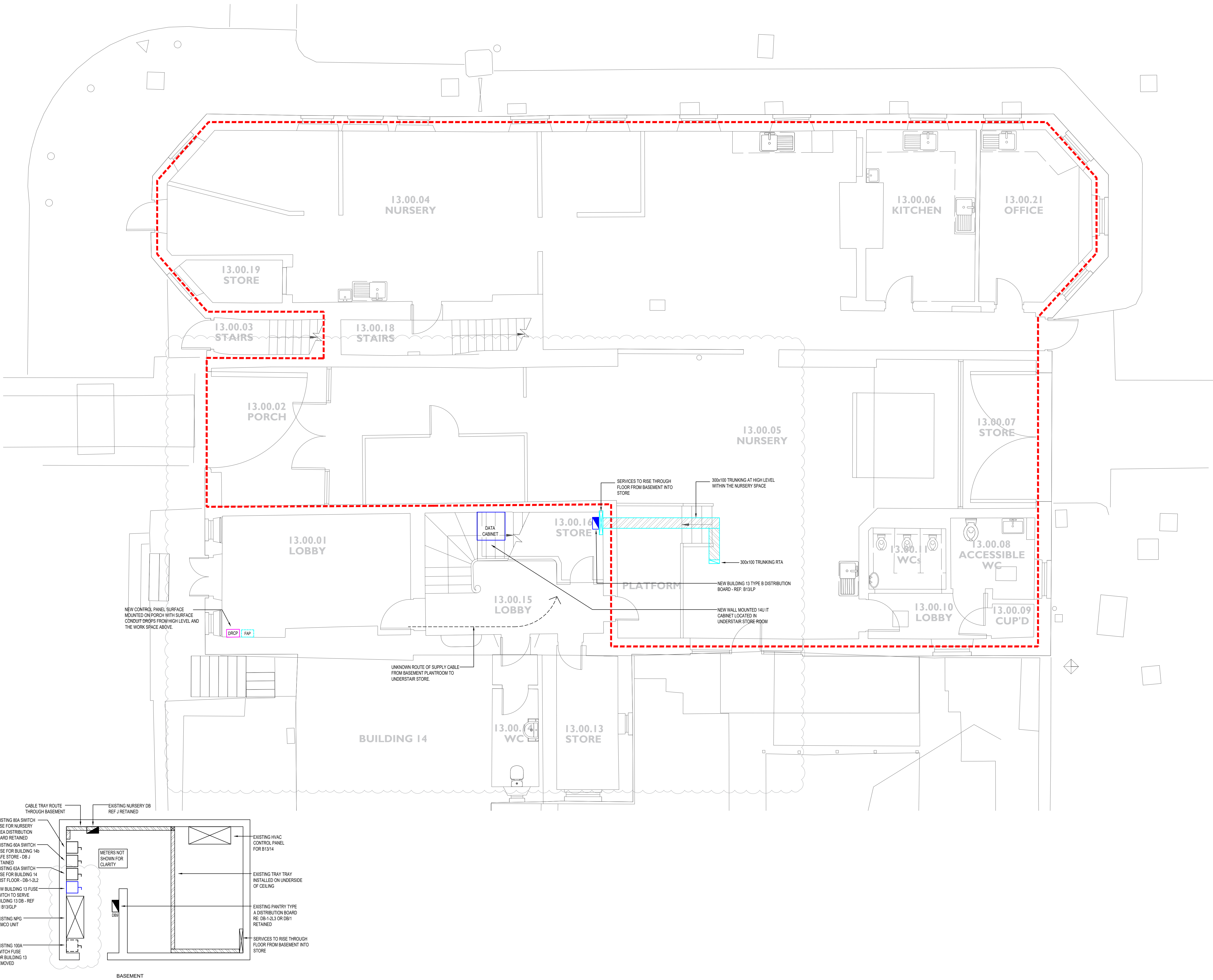
Title
ELECTRICAL ENGINEERING SERVICES
PROPOSED CONTAINMENT LAYOUT
GROUND FLOOR
BUILDING 13

Architect
PURCELL
Client
BARNESLEY MBC

Suitability: Code Description
D2 FOR TENDER

Revision:	Scale:	TGA Proj No:	Stage:
P06	1:50	8193	4

Drawing Reference:
Project-Originator-Zone-Level-Type-Role-Classification-Number
EFAS-TGA-13-00-DR-E-65001



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- DADO TRUNKING DROP POSITION - REFER TO GENERAL POWER AND ICT DRAWINGS FOR DETAILS
- INDICATED EXTENT OF NURSERY DEMISE - NO WORKS UNLESS STATED
- LV DISTRIBUTION BOARD - REFER TO LV SCHEMATIC XXX FOR DETAILS

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P01	31.03.23	PRELIMINARY ISSUE	LC	RP
REV	DATE	DESCRIPTION	DRAWN	APP



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Salvus House, Aykley Heads, Durham City. DH1 5TS.
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Project
ELSECAR: FORGING AHEAD

Title
ELECTRICAL ENGINEERING SERVICES
PROPOSED CONTAINMENT LAYOUT
FIRST FLOOR
BUILDING 13

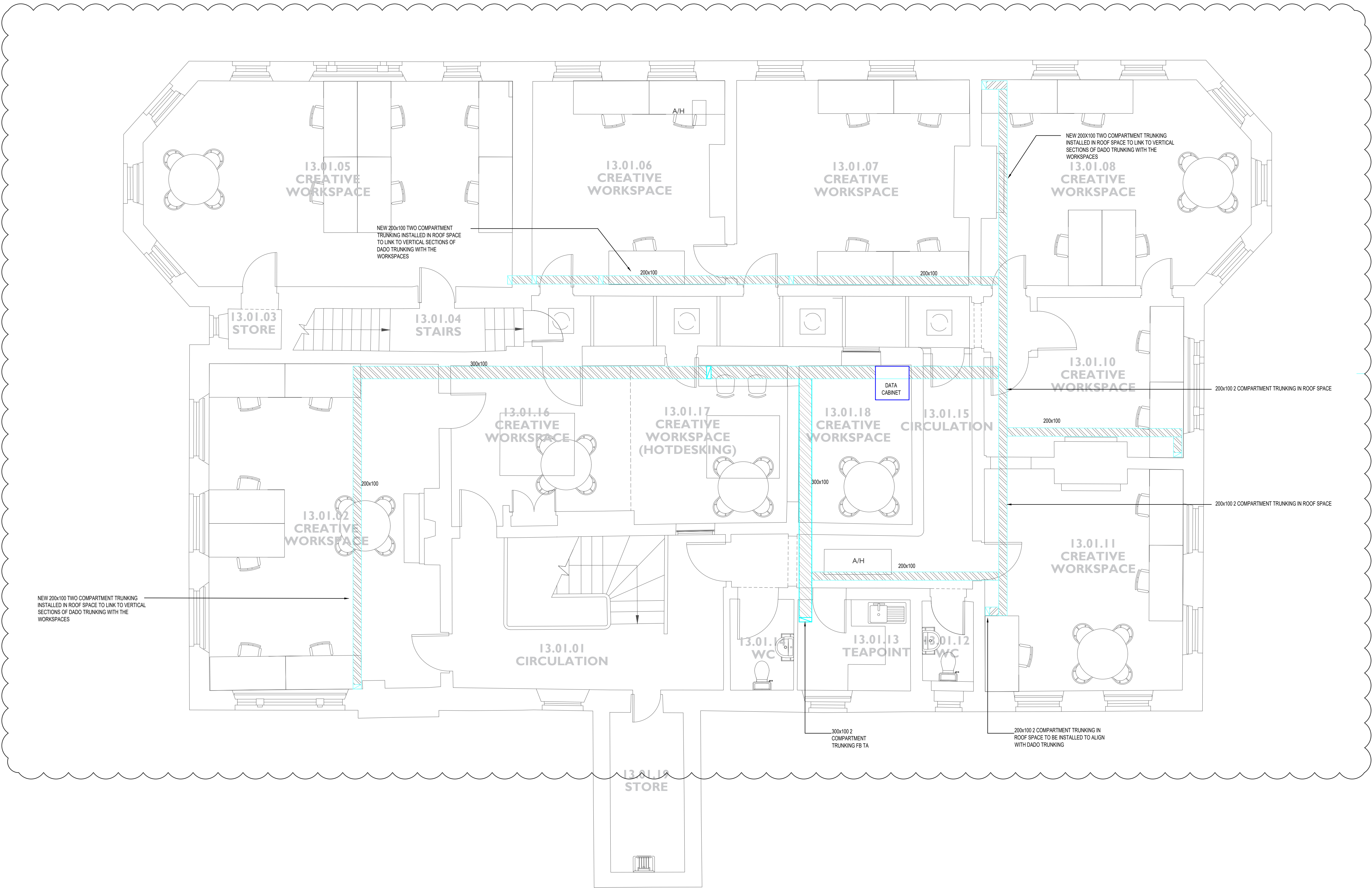
Architect
PURCELL

Client
BARNESLEY MBC

Suitability: Code Description
D2 FOR TENDER

Revision:	Scale:	TGA Proj No:	Stage:
P05	1:50	8193	4

Drawing Reference:
Project-Originator-Zone-Level-Type-Role-Classification-Number
EFAS-TGA-13-01-DR-E-65001



 Standard construction hazards that a competent contractor would be aware of have not been identified on this drawing. Any risks not immediately apparent are identified within the CDM Residual Risk Register.

GENERAL NOTES:

- THIS DRAWING SHOWS THE DESIGN PROPOSAL FOR A WORKSTAGE 4 TECHNICAL DESIGN LEVEL OF DETAIL AND COMPLETENESS AS DEFINED BY BSRIA BSG-2018. ALL QUANTITIES AND LOCATIONS ARE BASED ON GENERIC EQUIPMENT SELECTIONS AND SHALL BE CONFIRMED AND FULLY COORDINATED AS PART OF THE CONSTRUCTION STAGE DESIGN ACTIVITIES.
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- ANY WORKS TO THE EXTERIOR TO THE BUILDINGS ARE SUBJECT TO LISTED BUILDING CONSENT AND SHALL BE UNDERTAKEN STRICTLY IN ACCORDANCE WITH THE SUBMITTED INFORMATION AND THE ARCHITECTURAL CONSTRUCTION INFORMATION.

DRAWING NOTES:

- FIRE ALARM SYSTEM DESIGNED TO PROVIDE A CATEGORY L2. A WIRELESS FIRE DETECTION AND ALARM SYSTEM SHALL BE PROVIDED TO REPLACE THE EXISTING CONVENTIONAL SYSTEM.
- FIRE ALARM WIRING TO BE INSTALLED USING STANDARD FIRE-RESISTANT CABLING. CONTAINMENT AND FIXING TO BE MADE OF NON-COMBUSTIBLE MATERIAL.
- TWO WIRELESS OPTICAL SMOKE DETECTORS TO BE ALLOWED FOR THE THE NURSERY BASEMENT AREA.
- THE FIRE ALARM SYSTEM SHALL BE CONFIGURED TO OPERATE ON A SINGLE KNOCK EVACUATION AND WITH THE DETECTION ZONES INDICATED. AN A3 FRAME ZONE DIAGRAM SHALL BE PROVIDED ADJACENT TO THE NEW FIRE ALARM CONTROL PANEL LOCATION.
- THE FIRE ALARM EQUIPMENT SUPPLIER SHALL VISIT SITE DURING THE TENDER PROCESS TO DETERMINE THE QUANTITY AND LOCATIONS OF AND WIRELESS EXTENDER EQUIPMENT REQUIRED TO ENSURE THE BUILDING NEW FIRE ALARM SYSTEM SHALL OPERATE CORRECTLY.
- THE FIRE ALARM EQUIPMENT SUPPLIER SHALL UNDERTAKE A WIRELESS SURVEY OF THE BUILDING TO VALIDATE ANY ASSUMPTIONS AT TENDER STAGE PRIOR TO WORKS COMMENCING ON SITE.

LEGEND:

-  SMOKE DETECTOR
-  HEAT DETECTOR C/W XENON BEACON
-  SMOKE DETECTOR C/W SOUNDER
-  SMOKE DETECTOR, SOUNDER, STROBE COMBINED UNIT
-  HEAT DETECTOR WITH SOUNDER/BEACON BASE
-  CEILING MOUNTED SOUND AND VAD BEACON
-  HEAT DETECTOR C/W SOUNDER
-  COMBINED SOUNDER XENON BEACON
-  FIRE ALARM PANEL
-  MANUAL CALL POINT
-  FIRE ALARM INTERFACE UNIT
-  DISABLED REFUGE AND WC CONTROL PANEL
-  DISABLED REFUGE INTERCOM (OUTSTATION)

P06	20.02.24	UPDATED TO SUIT REVISED GA's	DB	MMc
P05	05.12.23	ENTRANCE ARRANGEMENT UPDATED	RT	MMc
P04	22.09.23	SUITABLE FOR TENDER	RC	MMc
P03	25.08.23	UPDATED FOR WS4	BM	MMc
P02	02.08.23	UPDATED TO ARCHITECTS COMMENTS AND LAYOUTS	LC	RP
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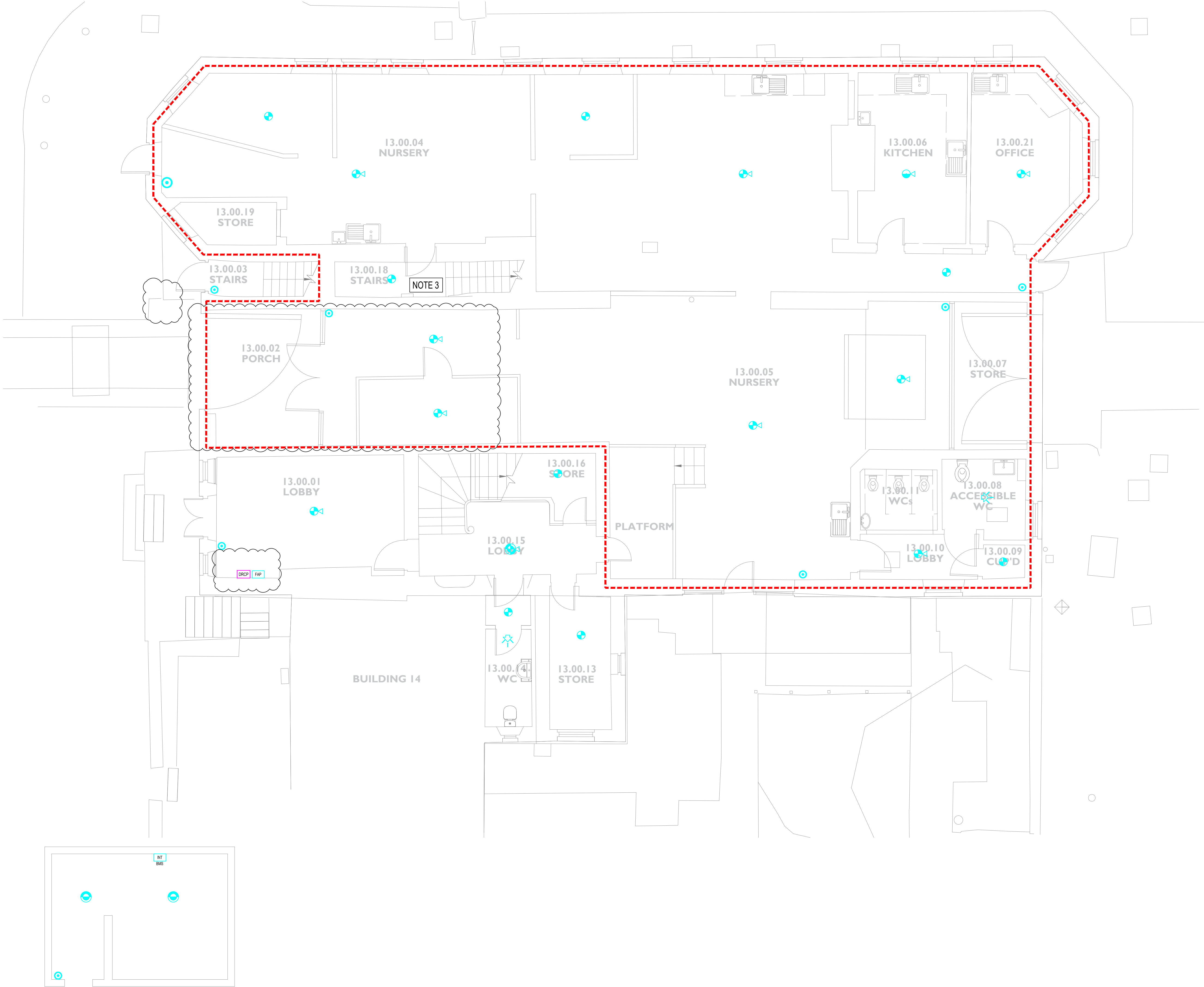
Project
ELSECAR: FORGING AHEAD

Title
ELECTRICAL ENGINEERING SERVICES
PROPOSED FIRE ALARM LAYOUT
GROUND FLOOR
BUILDING 13

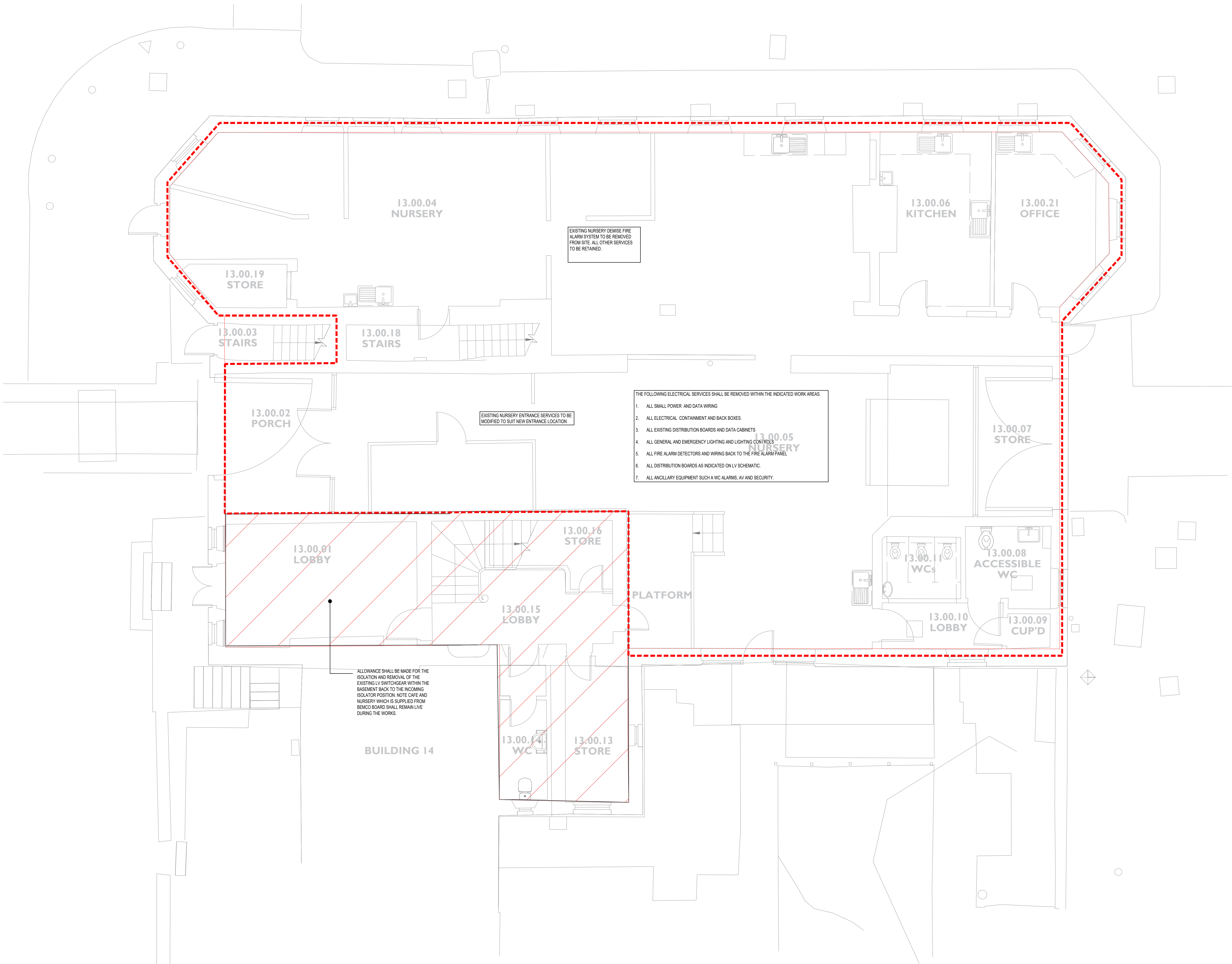
Architect
PURCELL
Client
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Suitability: Code		Description	
D2		FOR TENDER	
Revision:	Scale:	TGA Proj No:	Stage:
P06	1:50	8193	4

Drawing Reference:
Project-Originator-Zone-Level-Type-Role-Classification-Number
EFAS-TGA-13-00-DR-E-67001



BASEMENT



Standard construction hazards that a competent contractor would be aware of have not been identified on this drawing. Any risks not immediately apparent are identified within the CDM Residual Risk Register.

LEGEND:

1. STRIP OUT WORKS IDENTIFIED ARE BASED ON EXISTING SERVICES IDENTIFIED BY A NON-INTRUSIVE, VISUAL SURVEY.
2. THE CONTRACTOR SHALL ALLOW FOR STRIPPING OUT AND MAKING GOOD ANY SERVICES NOT SPECIFICALLY IDENTIFIED ON THE DRAWING BUT SUBSEQUENTLY DISCOVERED IN THE AREA OF THE WORKS DURING THE DEMOLITION PROCESS. THE CONTRACTOR SHALL ALLOW FOR A FULL INTRUSIVE SURVEY DURING THE DEMOLITION PROCESS TO FACILITATE THIS.
3. AS PART OF THE SURVEY, THE CONTRACTOR SHALL IDENTIFY ANY ISOLATION POINTS LOCATED OUTSIDE OF THE AREAS OF DEMOLITION WHERE ACCESS IS NECESSARY TO FACILITATE THE STRIP OUT WORKS SAFELY. THE CONTRACTORS SHALL LIAISE WITH THE CONTRACT ADMINISTRATOR TO SAFELY ACCESS THESE ISOLATION POINTS WITHOUT DISRUPTION TO THE REMAINING AREAS OF THE BUILDING.
4. THE CONTRACTOR SHALL ALLOW FOR ISOLATIONS WHICH AFFECT AREAS OR SERVICES OUTSIDE OF THE DEMOLITION WORKS AREAS TO BE UNDERTAKEN OUT OF HOURS.
5. THE CONTRACTOR SHALL PREPARE A SCHEDULE OF DILAPIDATION PRIOR TO ANY STRIP OUT WORKS COMMENCING.
6. WHERE SERVICES PASS THROUGH THE AREA OF WORKS BUT SERVE OTHER AREAS THEY ARE TO BE IDENTIFIED, RETAINED AND PROTECTED FOR THE DURATION OF WORKS.
7. EXISTING ELECTRICAL SERVICES WHICH AREAS OUTSIDE OF THE WORK AREAS TO REMAIN LIVE FOR THE DURATION OF WORKS.
8. NEW WIFI WAP INSTALLATIONS FOR THE PROJECT SHALL BE RETAINED.
9. THE EXISTING WIRED FIRE ALARM SYSTEM FOR THE BUILDING SHALL BE RETAINED AND KEPT IN GOOD WORKING ORDER UNTIL THE NEW WIRELESS SYSTEM IS COMMISSIONED AND COMPLETED A 7 DAY SOAK TEST.

LEGEND:

INDICATES AREA AFFECTED BY STRIP OUT WORKS

P06	20.02.24	UPDATED TO SUIT REVISED GA's	DB	MMc
P05	05.12.23	ENTRANCE ARRANGEMENT UPDATED	RT	MMc
P04	22.09.23	SUITABLE FOR TENDER	RC	RP
P03	13.09.23	UPDATED FOR WS4 DESIGN DEVELOPMENT	RT	MM
P02	02.08.23	UPDATED TO ARCHITECTS COMMENTS AND LAYOUTS	LC	RP
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Project
ELSECAR: FORGING AHEAD

Title
ELECTRICAL ENGINEERING SERVICES
PROPOSED STRIP OUT LAYOUT
GROUND FLOOR
BUILDING 13

Architect
PURCELL

Client
BARNSELEY MBC

Suitability: Code Description
D2 FOR TENDER

Revision:	Scale:	TGA Proj No:	Stage:
P06	1:50	8193	4

Drawing Reference:
Project-Originator-FunctionalBreakdown-SpatialBreakdown-Form-Role-Number
EFAS-TGA-13-00-DR-E-69001

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PROPOSED FIRE ALARM LAYOUT
FIRST FLOOR
BUILDING 13

Architect
PURCELL

Client
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Suitability: Code Description
D2 FOR TENDER

Revision:	Scale:	TGA Proj No:	Stage:
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