

Notes

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND ENGINEERING SERVICES DRAWINGS, SPECIFICATIONS, SCHEDULES AND PROJECT SPECIFIC DOCUMENTS.
2. ALL PLANT AND EQUIPMENT IS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS, ALLOWING FULL ACCESS FOR COMMISSIONING, MAINTENANCE AND REPAIR/REALLOCATION.
3. ALL DIMENSIONS IN MM UNLESS OTHERWISE STATED.
4. DO NOT SCALE FROM THIS DRAWING.
5. THIS DRAWING IS TO BE READ IN THE LATEST VERSION OF RELEVANT STANDARDS, INCLUDING BUT NOT LIMITED TO BS7571.
6. REFERS TO STRUCTURED CABLING, LIGHTING CONTROL, MECHANICAL EQUIPMENT DRAWINGS AND SPECIFICATIONS FOR DETAILS, POSITIONS AND NUMBER OF POWER SUPPLIES AND DATA OUTLETS REQUIRED FOR EACH OF THE ASSOCIATED SYSTEMS. ONLY INDICATIVE POSITIONS, TYPES AND QUANTITIES ARE SHOWN ON THIS DRAWING.
7. ALL FLUSED CONNECTIONS UNITS AND ISOLATORS ARE TO HAVE ENGRAVED SECURELY FIXED LABELS TO INDICATE THE ITEM OF EQUIPMENT SERVED.
8. CONTRACTOR TO PROVIDE CO-ORDINATION WORKING DRAWINGS, INSTALLATION DRAWINGS AND BUILDERS WORK DRAWINGS PRIOR TO COMMENCEMENT OF WORKS. ALL DRAWINGS USED FOR INSTALLATION ARE TO BE DRAWINGS PRODUCED BY THE CONTRACTOR.
9. THE POSITIONS OF ALL ITEMS OF EQUIPMENT, ACCESSORIES AND OTHER BUILDING SERVICES ITEMS ARE APPROXIMATE AND FOR GUIDANCE IN THE PREPARATION OF THE TENDER.
10. FINAL SETTING OUT OF ALL POWER AND DATA OUTLETS IS TO BE AGREED WITH THE ARCHITECT. ONLY INDICATIVE POSITIONS ARE SHOWN.
11. ALL CABLE CROSSEOVERS MAX 30 DEGREES) TO BE DESIGNED AND COORDINATED BY THE CONTRACTOR.
12. NEW CONDUITS TO MATCH THE PAVING METHOD AND AESTHETICS OF THE EXISTING CAT A INSTALLATION.

P01	16/03/21	FIRST ISSUE	NA	EP	
Issue	Date	Description	By	Chkd	Verfd

FOURWAYS HOUSE

CUNDALL

PS INTERIOR

11029 SMALL POWER, DATA & SECURITY PLAN

Drawing No.

FWH-CDL-XX-XX-DR-E-00000	S4 - FOR TENDER
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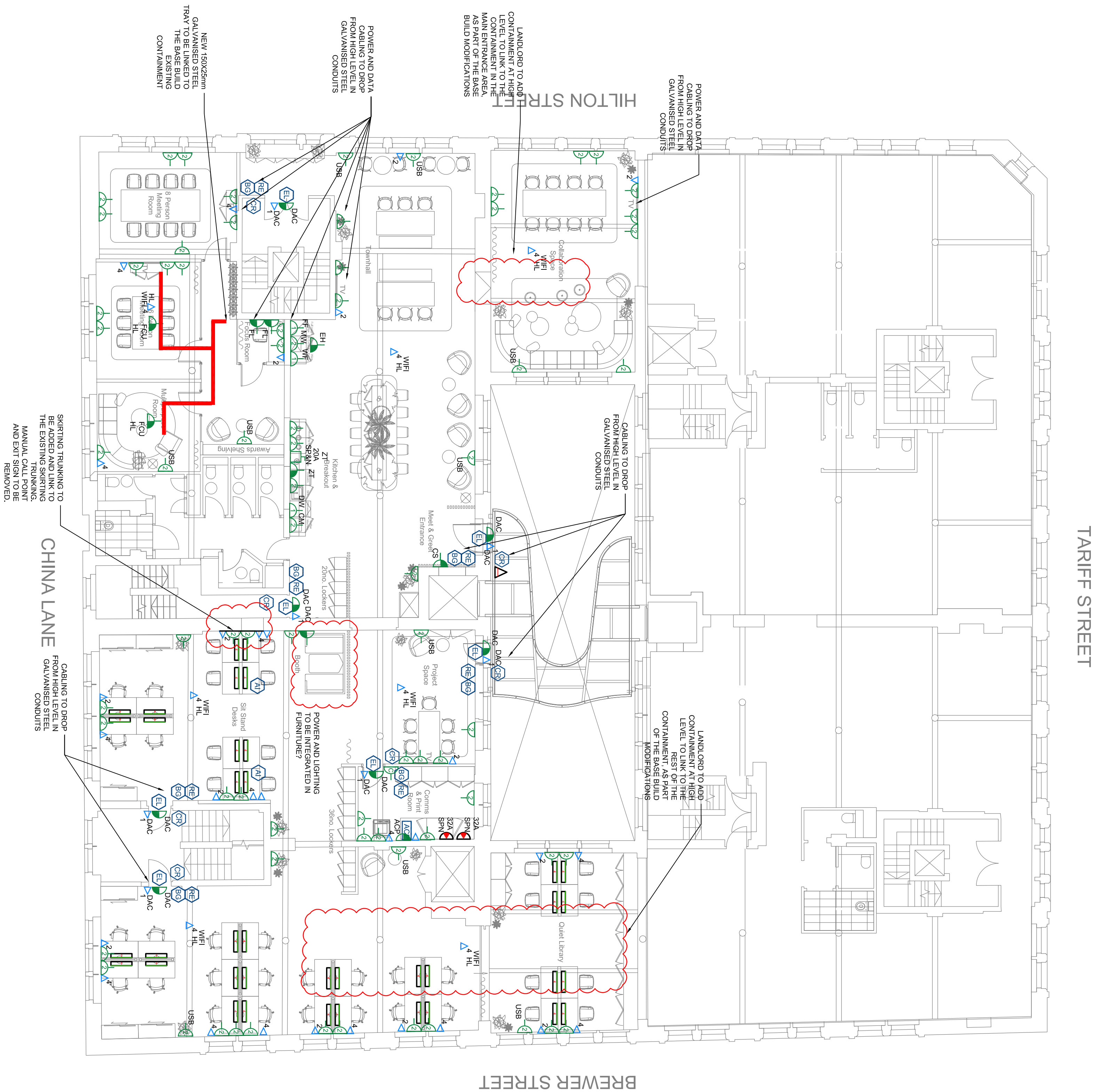
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Guidance For Pricing

Cundall have used their reasonable endeavours to establish the requirements of the Client during the design stages. In this regard, the Contractor should refer to the guidance provided by BSRIA BG 6 - 'A Design Framework for Building Services' (2018 Edition) section 3.7 - 'Precision In Design'.

This states that the design stages represent an iterative process whereby the level of detail and the degree of precision included in the design increases from one stage to the next. Following the guidelines given in Turner and Stimpser's handbook of Project Management, which relate specifically to precision of cost estimates, and applying similar guidelines to the accuracy of all design, the following levels of accuracy could reasonably be achieved by the end of the respective design stages:

- RIBA Stage 2: $\pm 20\%$
- RIBA Stage 3: $\pm 15\%$ at the completion of RIBA Stage 3a
- RIBA Stage 4: $\pm 5\%$

The Contractor should take into account the level of uncertainty indicated in the guidelines at the designated design stage of the project, and the Contractor should reflect the associated risk and uncertainty in their pricing.

The above precision figures do not include the effects of fundamental variations to the scale or nature of the project, however, they will reasonably be applied to quantities of materials, associated labour costs, service outlets and the final locations for equipment.

	13A Single Switched Socket Outlet
	13A Double Switched Socket Outlet USB denotes 13A Double Switched Socket outlet with 2x10, USB ports.
	13A Cleaners Switched Socket Outlet
	SPN Isolator: xx denotes current rating Amps
	TPN Isolator: xx denotes current rating Amps
	13A Switched fused connection unit
	13A Un-switched fused connection unit
	BS EN 60308 Commando Socket Outlet Type (S)N (PN) as indicated Cw Integral RCD only if indicated
	BS EN 60308 Commando Socket Outlet cw Switch Type (S)N (PN) as indicated Cw Integral RCD only if indicated
	R45 Data Outlet TN Denotes Number of Outlets
	Legend Power Bar with 4x10, Socket Outlets
	150x25mm New Galvanised Steel Tray to be added
	Intercom
	Audio Intercom Station
	Card reader
	Electricated door locking
	Green down request to exit button
	Double pole emergency break glass
	Access Control Panel

ABBREVIATIONS:

- ACP - Access Control Panel
- CM - Coffee Machine
- CS - Curdall Sign
- DAC - Door Access Control
- DW - Dishwasher
- EF - extract Fan
- EH - Extraction Hub
- FCU - Fan Coil Unit
- FF - Full Height Fridge
- FL - Feature Lighting
- HD - Hand Dryer
- HL - Light Level
- IPXX - ingress Protection, XX Denotes Protection
- PM - Microwave
- PH - Panel Heater
- RCD - Residual Current Device
- WF - Water Filter
- WH - Waste Header
- WiFi - Wireless Area Network Access Point
- ZL - Zip Tap