

# ELECTRICAL DETAILS

## SHUTTLEWORTH COLLEGE PSDS3 & HOR FIT OUT - BEDFORD COLLEGE

DETAIL E4 - Typical DB Installation Detail

NOTE: Distribution Board model shown as example  
SEA9BPN25018S4

100mm x 100mm Galvanised trunking with lid rises to ceiling void to pick up containment routes

100mm x 100mm Galvanised trunking with lid for cable management

Labelling

1. Ways to be labelled internally with Dymotape

2. DB Ref. to be riveted on front with engraved traffolyte label

3. Laminated DB Schedule to be located inside

4. All Sub-Main cables need to be tagged either end where they exit DBs or Switch Panels

DETAIL E5 - Typical Genius Details

NOTE: All outlets to be flush mounted, conduits recessed, main contractor to allow for chasing and making good. These details indicate the installation requirements, detailed design of the final controls wiring shall be issued by the controls specialist.

Installation Detail GE

Wiring Schematic - GE

Installation Detail GS

NOTE: Genius Switch to be installed local to the device it serves, this could be above ceiling or at low level. Supply to Genius switch and device can be on the same circuit. All switches to be clearly labelled with device reference and circuit.

Wiring Schematic - GS

Installation Detail - GT

Wiring Schematic - GT

Rev	Description	Date

Client	Bedford College Group
Site	Shuttleworth College, Old Warden Park, SG189DX
Project	Halls of Residence - Fit Out

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Title

ELECTRICAL DETAILS

Number

02-15-E-CS-91

Revision

T00

Date

01/12/23

Scale

1:20 @ A1

Status

Tender