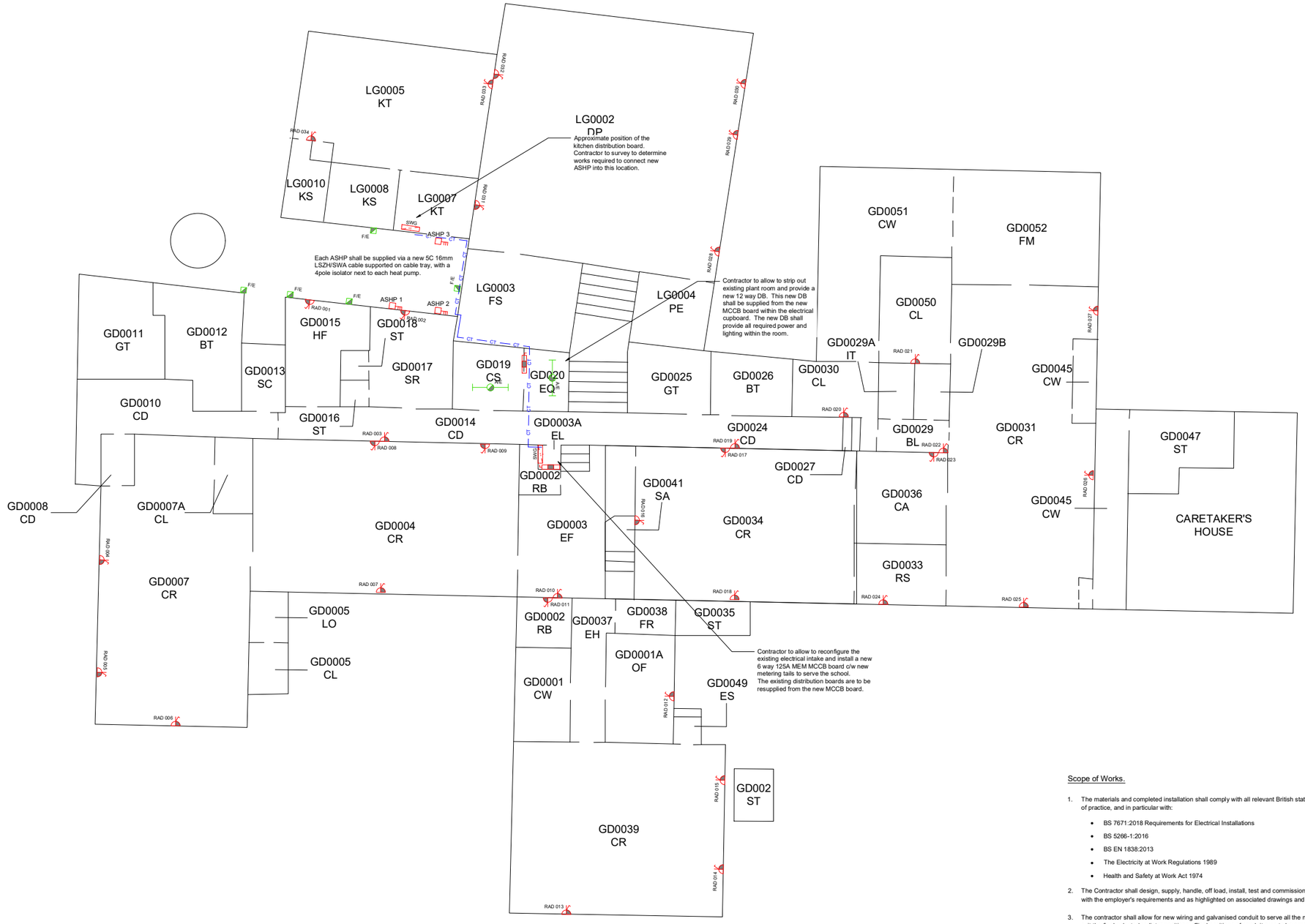

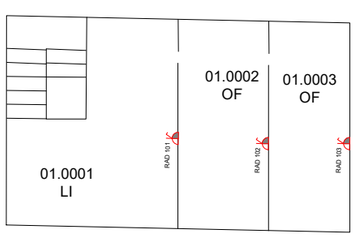

Legend

Symbol	Description
A/E	Surface mounted fitting with intergral emergency. As Tamlite Cyclone X 42w.
F/E	Wall mounted fitting with intergral emergency. As Tamlite City WL 19W
SWG	Proposed new MCCB board connected to existing meter and cut out/
	Existing school distribution board. To be reconnected to new MCCB board.
	New 63A 4pole isolator
	Switched Fused Connection Unit to serve fan assisted radiators. To be fed from local circuit

Scope of Works.

1. The materials and completed installation shall comply with all relevant British statutory requirements, regulations, codes of practice, and in particular with:
   - BS 7671:2018 Requirements for Electrical Installations
   - BS 5266-1:2016
   - BS EN 1838:2013
   - The Electricity at Work Regulations 1989
   - Health and Safety at Work Act 1974
2. The Contractor shall design, supply, handle, off load, install, test and commission the new installation in accordance with the employer's requirements and as highlighted on associated drawings and documents.
3. The contractor shall allow for new wiring and galvanised conduit to serve all the new power supplies as indicated and to suit the final selected radiator positions. Final positions of conduit runs to be agreed onsite.
8. The new switched fused connection units shall be supplied from the local power circuit. The contractor shall allow to survey the school to determine the exact position of the local distribution boards serving each area.
9. The contractor shall also allow to disconnect the existing distribution board from the existing meter and install a new MEM Eaton MCCB board and associated meter tails. The contractor shall allow to resupply the existing distribution board from the new MCCB board with a new Submain.
10. ASHP 2 & 3 supplies shall be taken directly from the new MCCB board as indicated on the drawing.
11. ASHP 1 for the hot water is to be fed from the kitchen supply and not the main school supply. Contractor to survey and determine requirements for this connection.
12. The contractor shall allow to carry out all builderswork required, including fire stopping all penerations through walls.
13. The contractor shall allow for new exterior emergency luminaires as indicated on the drawing. The system is to be capable of a minimum of a 3-hour sustained load test.
14. The new exterior lighting shall be switched within the new fenced area or connected to new photocell where this is outside the fenced area.. The new lighting shall be fed on a new circuit from the new DB within the plantroom.
15. The new emergency lighting shall be manual test therefore new control requirements as part of the Contractor's installation. As part of project handover, the Contractor shall allow to provide simplified, colour coded, A3 layouts highlighting only the emergency lighting positions and circuit / luminaire references. The Contractor shall provide the drawings included within the draft O&M manual for comment prior to the handover date.
16. Contractor to allow for additional cable installation, containment & secret key switching to suit modifications
17. All the emergency lighting shall be manual test via a key operated test switch local to the room, with the external fittings controlled via key switches located at the distribution boards.
18. The contractor shall provide a provisional sum for a new split load 12 way distribution board should any local DB need replacing.
19. Refer to mechanical drawings for equipment details and any control requirements for the radiators.

Notes

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

Refer to the relevant Construction (Design and Management) documentation where applicable.

It is assumed that all works on this drawing will be carried out by a competent contractor, working where appropriate to an approved method statement.

Project Notes

The Contractor shall ascertain the nature of the site, access thereto and all local conditions and restrictions likely to affect the installation. No claim will be considered on the grounds of the lack of site knowledge.

The Contractor shall be responsible for the final coordination of all new and existing services, with the building structure, architecture and fixed furniture and equipment.

The Contractor shall allow for all required changes in height and direction not identified on the drawing and the final setting out of all plant, equipment and services shall be agreed on site with the Engineer.

The Contractor shall be responsible for any temporary access or lifting equipment required to carry out the works

Revision Cloud Reference (A1)

Rev	Description	By / Chk'd / App'd	Date
-	-	-	-
-	-	-	-
-	-	-	-
P01	Tender Issue	CH/DP/BV	16/11/22

bailey partnership

Client
Link Academy Trust

Project
Morchard Bishop
Heating CIF BID

Drawing Title
Electrical Engineering Services
Electrical layout

Suitability - Status Code	Suitability - Purpose of Issue	
S3	Preliminary	
Project No.	**Scale @ A1**	**Revision**
34235	1:100	P01

A1 Drawing Identifier
Project Code - Originator - Function - Space - Form - Discipline - Number
34235-BPC-XX-ZZ-D-E-6001

www.baileypartnership.co.uk

Plot Date: 16 November 2022