

NOTES:
1. Do not scale from this drawing.
2. All dimensions, invert levels & notes are shown in millimetres unless noted otherwise.
3. Essex Group are to be notified of any found omissions or errors in this drawing.
4. This document is to be read in conjunction with all other documents relating to this project.
5. All proprietary products are to be installed in accordance with the manufacturers' instructions.
6. The design, installation and maintenance of any temporary works required shall be the responsibility of the contractor.
7. For details of materials and working methods refer to the Group terms and conditions along with the scope of works.
8. Installation is to be carried out strictly in accordance with the relevant British standards and the building regulations.
9. Final setting out of all services to be checked on site prior to completion.
10. This document has been created in accordance with Essex Group terms and conditions along with the scope of works.
11. Other than the original design is not accepted and the Group accept no liability for any third party uses of this document.
12. Dimensions/setting out details to be added following receipt of design team comments.

Drawing Notes

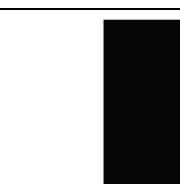
A. THIS SCHEME INCORPORATES MINOR WORKS TO EXISTING LIGHTING COLUMNS PROVIDED FROM THE ADJACENT SECONDARY SCHOOL TO MAKE THE CONSTRUCTION WORKS OF THE NEW SCHOOL EXISTING LUMINAIRES SHALL NOT BE REMOVED. THE EXISTING CABLES AND SCHEMES IDENTIFIED ON THIS DRAWING ARE THE EXISTING LIGHTING COLUMNS CONTRIBUTE TOWARDS THE REQUIRED ILLUMINANCE LEVELS OF THIS PROJECT. FOR CURRENT LIGHTING LEVELS AND LUMINAIRES REFER TO THE CIRCUIT BOARD LIGHT RATION CALCULATION AS THE FITTINGS ARE EXISTING AND OWNED & MAINTAINED BY THE LOCAL AUTHORITY.
B. THE PROJECT LOCATION IS IN A RURAL AREA MEETS THE IDENTIFIED CRITERIA OF ILP GND1 CATEGORY E3. AS SUBURBAN AS SUCH, THE MAXIMUM VALUE OF UPLINKS FOR THE NEW EXISTING LIGHTING COLUMNS IS 5%.
C. THE NEW EXTERNAL LIGHTING INSTALLATION AFFECTING THE NEW LUMINAIRES SHALL BE CONTROLLED AND SWITCHED AUTOMATICALLY ON/OFF IN ACCORDANCE WITH LONDON PLANNING EXPECTED CURVE/F PRE-CUREW (ACCORDING TO THE LONDON PLANNING POLICY STATEMENT) AND MANUAL OVERRIDE SWITCH SHALL BE PROVIDED TO ALLOW TESTING AND MANUAL OVERRIDE.
D. EXTERNAL CCTV SCHEME TO BE DEVELOPED WITH THE CLIENT. CAMERAS SHOWN ON THIS LAYOUT ARE INDICATIVE ONLY.

Legend

| | |
|------------------------------------|----------------------------------|
| — GAS | EXISTING GAS |
| — GAS | NEW GAS |
| — LV | EXISTING LV CABLE |
| — LV | NEW LV CABLE |
| — DATA | DATA CABLE DUCT |
| — LV | LV CABLE DUCT |
| — SPRINKLER PIPEWORK | SPRINKLER PIPEWORK |
| — CABLE | CCTV/CABLE DUCT |
| — EX-LT | EXTERNAL LIGHTING COLUMN |
| — EX-LT | EXTERNAL LIGHTING CABLE DUCT |
| — EV | EV CHARGING CABLE DUCT |
| — CV | EV CHARGING CABLE DUCT |
| — CAT & BORES SERVICE | CAT & BORES SERVICE |
| — 1000mm x 1000mm CABLE DRAW PIT / | 1000mm x 1000mm CABLE DRAW PIT / |
| — 600mm x 600mm CABLE DRAW PIT / | 600mm x 600mm CABLE DRAW PIT / |
| — INSPECTION CHAMBER | INSPECTION CHAMBER |

| | |
|--------|--|
| EX-A/E | WALL MOUNTED LED BULKHEAD LUMINAIRE AT 400mm AFL |
| EX-B/E | SOFFIT RECESSED ROUND LED BULKHEAD LUMINAIRE |
| EX-C/E | EXISTING LIGHTING COLUMN |
| EX-D/E | THORLUX STARGUARD 1M COLUMN LED 60W |
| — | DENOTES EMERGENCY LUMINAIRE |
| — | SINGLE ELECTRIC VEHICLE CHARGING POINT |
| — | TWIN ELECTRIC VEHICLE CHARGING POINT |
| — | DATA OUTLET |
| — | POWER SUPPLY |
| — | CCTV |
| — | ASTRONOMICAL TIMESWITCH |
| — | PHOTOCELL |
| — | SPLIT METERED TPN DISTRIBUTION |

P01 FOR COMMENT 23/08/23 CP CP MC
REV DESCRIPTION DATE DRN CHD APP



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CLEARWATER

PROJECT: Hatfield Academy New Build STATUS: S2

Drawing Title: External Services Layout

DRAWN: CP DRAWING NO: REVISION: P01

CHECKED: AB APPROVED: MC

SCALE: 1:150 @ A0 (841 x 1189) DATE: 29/07/23

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1150 @ A0 (841 x 1189)

1:150 @ A0 (841 x 118