BUILDING DESIGN PARTNERSHIP SHALL HAVE NO RESPONSIBILITY FOR ANY USE MADE OF THIS DOCUMENT OTHER THAN FOR THAT WHICH IT WAS PREPARED AND ISSUED.

ALL DIMENSIONS SHOULD BE CHECKED ON SITE.

DO NOT SCALE FROM THIS DRAWING.

ANY DRAWING ERRORS OR DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF BUILDING DESIGN PARTNERSHIP AT THE ADDRESS SHOWN BELOW.

NOTES

1. DRAWINGS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND DOCUMENTATION.

2. THIS DRAWING IS IN PART SCHEMATIC AND THE DOES NOT INDICATE ALL BENDS, CROSS-OVERS ETC TO INSTALL THE SERVICES.

3. ALL EXISTING SERVICES WILL BE RELOCATED AS NECESSARY WITHIN THE SITE BOUNDARY TO INCLUDE MANHOLES, SITE LIGHT LIGHTING ETC.

4. POSITIONING AND EXACT REQUIREMENTS OF BOTH PEDESTRIAN CROSSINGS & PUBLIC LIGHTING DESIGNS SHALL BE CONFIRMED WITH LOCAL COUNTY COUNCIL PRIOR TO INSTALLATION.

5. ALL ESB DUCTING WITHIN THE SITE BOUNDARY MUST BE ENCASED TO A DEPTH OF 75mm OF 15N C8M CONCRETE ALONG ITS ENTIRE LENGTH.

- RED 125mm ESB uPVC DUCTING
- EXISTING 125mm ESB uPVC DUCTING
- 110mm LV DUCTING
- 110mm ELV DUCTING
- EXISTING EIRCOM
- NEW GAS PIPE
- EXISTING GAS PIPE
- RAINWATER PIPE & 2No. 50mm DUCTS TO PLANTROOM
- G/M — GAS METER
- 1200mm SQ DEEP PRE-CAST CONCRETE MANHOLE WITH LOCKABLE CAST IRON LID
- JB4 TYPE MANHOLE C/W LOCKABLE CAST IRON LID
- IN-GROUND WEATHERPROOF JUNCTION BOX
- X1 — LED STREET LIGHT FITTING C/W 6.0 METER HINGED TUBULAR STEEL COLUMN
- ESB UNIT SUB & ASSOCIATED OFF-LOADING SWITCHGEAR
- SITE LIGHTING/ELECTRIC VEHICLE MINI PILLAR
- EXISTING ESB/EIRCOM POLE
- ECAR — ELECTRIC CAR CHARGING POINT (STANDARD DOUBLE CAR CHARGE)

B	REVISED DRAWING	GC	BW	18/12/19
A	REVISED DRAWING	GC	BW	16/12/19
-	TENDER ISSUE	GC	BW	04/10/19
REVISION	DESCRIPTION	AUTHOR	CHECKED	DATE

BDP.
Blackhall Green
Dublin 7
Ireland
T +353 (0)1 474 0600
www.bdp.com

PROJECT TITLE
Lucan Community College Extension
Vol A.3.4

DRAWING TITLE
M&E SITE SERVICES - (PROPOSED)

SCALE @ A0 1:250

DATE DEC '19

PROJECT NUMBER P5000643 | DRAWING No. (ME)001-2 | REVISION B

- 4 No. 110mm DUCTS
- SITE LIGHTING PANEL NO.2
- 2 No. 110mm DUCTS
- EV CHARGING PANEL
- 5 No. 110mm DUCTS
- 2 No. 110mm DUCTS
- 4 No. 110mm DUCTS
- 2 No. 110mm DUCTS
- 6 No. 110mm DUCTS
- 5 No. 110mm DUCTS
- PROPOSED PETROL INTERCEPTOR LOCATION
- SITE LIGHTING PANEL NO.1
- PROPOSED FIRE TANK LOCATION
- 2 No. 110mm DUCTS
- 2 No. 110mm DUCTS
- 8 No. 110mm DUCTS
- 2 No. 110mm DUCTS
- 2 No. 110mm DUCTS
- 1 No. 110mm DUCTS
- APPROXIMATE LOCATION OF EXISTING GAS METER
- 4 No. 110mm DUCTS
- 8 No. 110mm DUCTS
- 2 No. 110mm DUCTS
- GAS SKID TO BE INSTALLED IN PHASE 1 AND EXISTING METER WITHIN THE PHASE 2 SITE IS TO BE DISCONNECTED. CONNECTION FROM NEW SKID TO EXISTING BOILER ROOM AND AS SHOWN TO THE WEST END OF THE BUILDING.
- EXISTING GAS SUPPLY TO BE ISOLATED AND CAPPED
- NEW GAS SUPPLY TIED INTO EXISTING AND MAKE GOOD
- LV/ELV/FA CABLES DROP FROM HIGH LEVEL TO LOW LEVEL EXTERNAL IN CONTAINMENT C/W FULL MECHANICAL PROTECTION. FIRE ALARM/DATA/LV CABLES ARE ALL TO BE DROPPED IN SEPARATE CONTAINMENT TO SERVE THE RELOCATED TEMPORARY ACCOMMODATION
- LV/ELV/FA DUCTING HOPS UP IN LOCATION TBC WITHIN THE EXISTING TEMPORARY ACCOMMODATION
- EXISTING TEMPORARY ACCOMMODATION
- EXISTING TEMPORARY ACCOMMODATION TO BE RE-LOCATED TO THIS LOCATION AS PART OF THIS WORKS
- EXISTING GAS PIPE RETAINED AND CONNECTED TO NEW AND MAKE GOOD
- JOINT PIT
- 2 No. 110mm DUCTS
- EXISTING DUCTING TO BE DIVERTED AROUND THE PROPOSED BASKETBALL COURT AS SHOWN BETWEEN THE 2NO. JOINT PITS. CONTRACTOR TO ALLOW FOR SUPPLY AND INSTALL OF DUCTING C/W NEW LV CABLING
- JOINT PIT
- CCTV CAMERA FOR TEMPORARY ACCOMMODATION WALKWAY TO BE WIRED FOR ONLY
- PHASE 2
- PHASE 1
- PHASE 3
- PHASE 3A
- CCTV
- RWHT
- BUS CROSSING CHILDREN CAUTION BUS
- LANA BUS

- RAINWATER — EXISTING FOUL SEWER
- RAINWATER — EXISTING STORM WATER SEWER
- RAINWATER — EXISTING STORM WATER SEWER (TO BE REMOVED)
- RAINWATER — EXISTING STORM WATER SEWER (TO BE REPLACED)
- RAINWATER — PROPOSED STORM WATER SEWER
- RAINWATER — PROPOSED RAINWATER HARVESTING NETWORK
- RAINWATER — PROPOSED DISHED CHANNEL DRAIN
- ELV - DUCT — PROPOSED ELV DUCTING 110MM
- EXISTING UNKNOWN DUCTING
- LV - DUCT — EXISTING LV DUCTING
- LV - DUCT — PROPOSED LV DUCTING 110MM
- RWHT — PROPOSED RAIN WATER HARVEST TANK

PROPOSED SITE LAYOUT