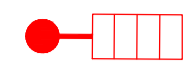












LEGEND:

-  EXISTING LIGHTING COLUMN
-  NEW CU-PHOSCO P852 3000k LIGHTING COLUMN (12m HIGH ON MAIN ROAD & 8M FOR RESIDENTIAL)
-  EXISTING MINI PILLAR

Isolines

-  2.0 lx
-  3.0 lx
-  4.0 lx
-  5.0 lx
-  6.0 lx
-  10.0 lx
-  15.0 lx
-  20.0 lx



EXISTING COLUMN LUMINAIRE



EXISTING COLUMN LIGHTING



NEW CU-PHOSCO P852 PUBLIC LIGHTING LUMINAIRE



EXISTING MINI PILLAR



General Notes
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 B. ALL ERRORS & OMISSIONS TO BE REPORTED TO THE CONSULTING ENGINEER
 C. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTS AND STRUCTURAL ENGINEER'S DRAWINGS.
 D. REFER TO DOCUMENT REGISTER FOR DESCRIPTION OF STATUS CODES.

| Rev | Status | Date | Description | D.E. |
|-----|--------|--------|--------------------------|--------|
| P03 | S2 | May'21 | REVISED LAYOUT | J.Mc.D |
| P02 | S2 | APR'21 | SUITABLE FOR INFORMATION | J.Mc.D |
| P01 | S2 | JAN'21 | SUITABLE FOR INFORMATION | J.Mc.D |
| P03 | S0 | NOV'20 | REVIEW | J.Mc.D |
| P02 | S0 | SEP'20 | REVIEW | J.Mc.D |
| P01 | S0 | APR'20 | REVIEW | J.Mc.D |

Client
PUDENHILL PROPERTY LIMITED
 Project Title
CHARLESTOWN PLACE SHD

Drawing Title
PUBLIC LIGHTING LAYOUT

Dublin 01 4872300
 Cork 021 2375080
 Roscommon 090 6602380
 Website www.varming.ie

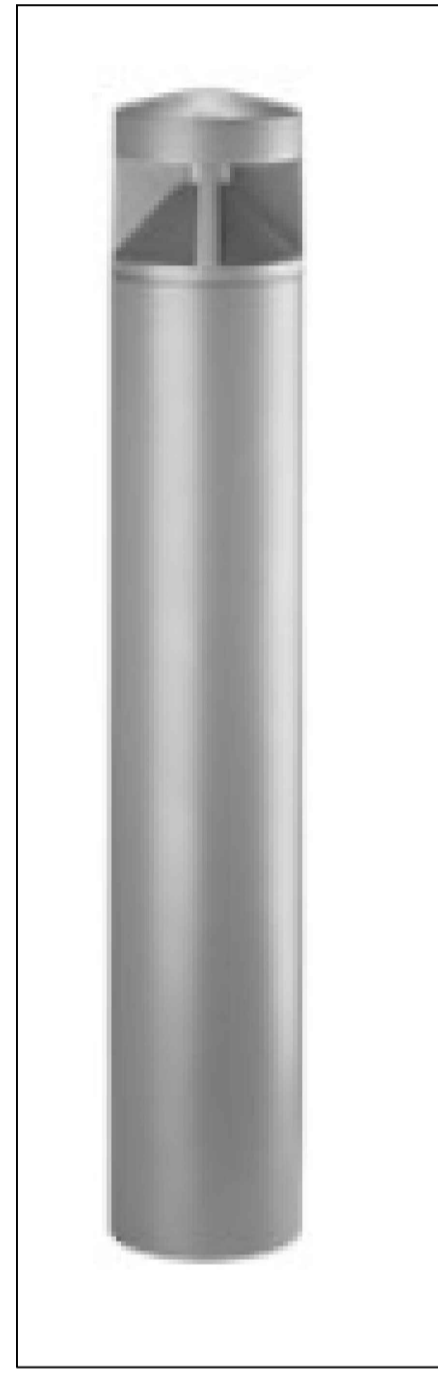
Varming
 Consulting Engineers Ltd.

Engineering for the Future

| Revision | Project Drawing Reference | | |
|------------|---------------------------|----------|----------|
| P03 | 20624-VCE-ZZ-XX-DR-E-1000 | | |
| Status | Varming Project Number | | |
| S2 | 20624 | | |
| Date | Checked By | Drawn By | Scale |
| April 2021 | D.W | J.Mc.D | 1:500@A1 |



A Type A Luminaire:
Diana Fisso LED Uplighter

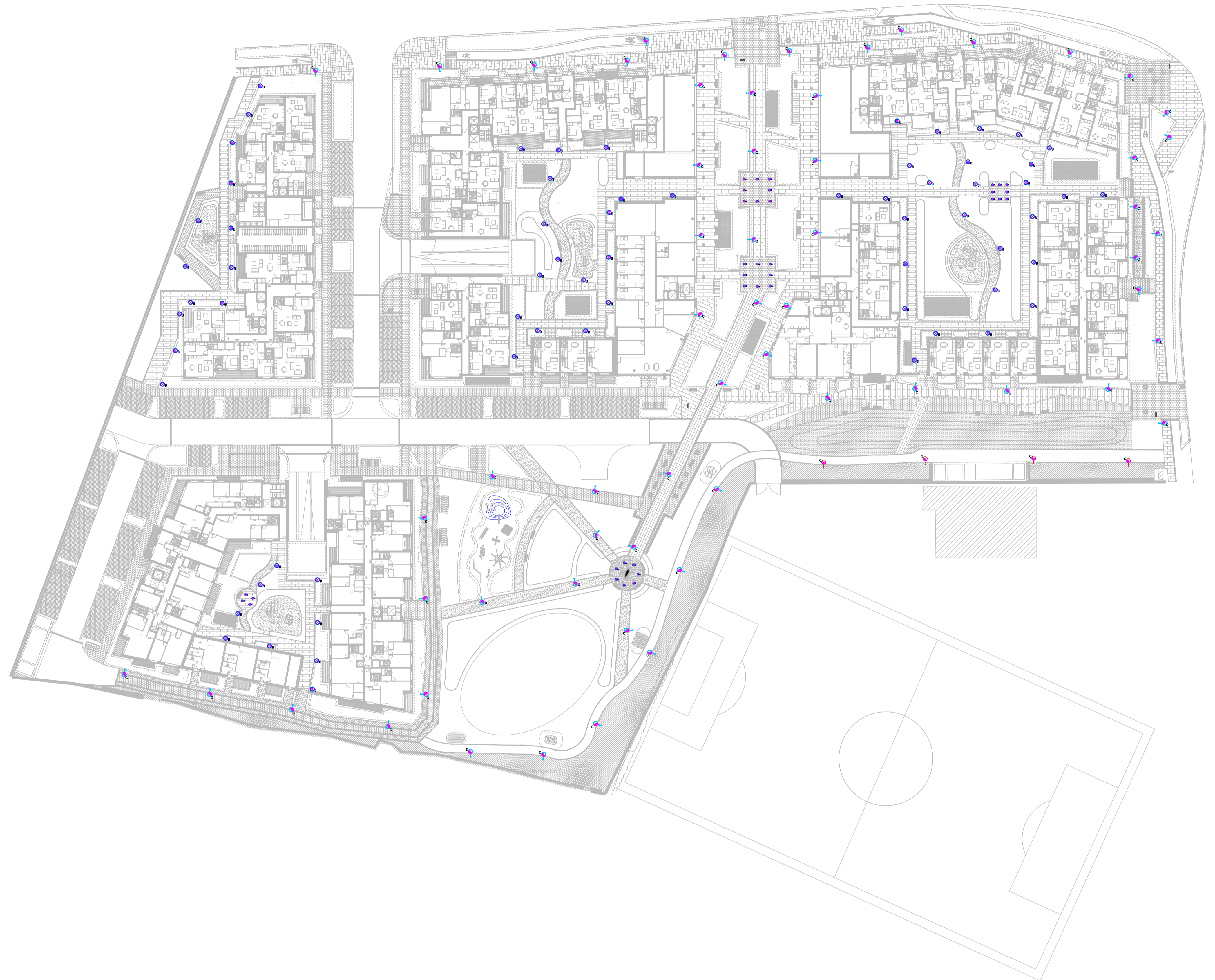


B Type B Luminaire:
Glamox 034 3000k LED 1m Bollard



C Type C Luminaire:
Phosco P853 R3B 8W 3000k
mounted on 6m column

C Type C Luminaire C/W Louvre



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| Rev | Status | Date | Description | D.E. |
|-----|--------|---------|--------------------------|--------|
| P03 | S2 | May'21 | REVISED LAYOUT | J.Mc.D |
| P02 | S2 | APR'21 | SUITABLE FOR INFORMATION | J.Mc.D |
| P01 | S2 | JAN'21 | SUITABLE FOR INFORMATION | J.Mc.D |
| P02 | S3 | AUG'20 | FOR REVIEW | J.Mc.D |
| P01 | S3 | JUNE'20 | FOR REVIEW | J.Mc.D |

Client
PUDDENHILL PROPERTY LIMITED
 Project Title
CHARLESTOWN PLACE SHD

Drawing Title
EXTERNAL LANDSCAPE LIGHTING LAYOUT

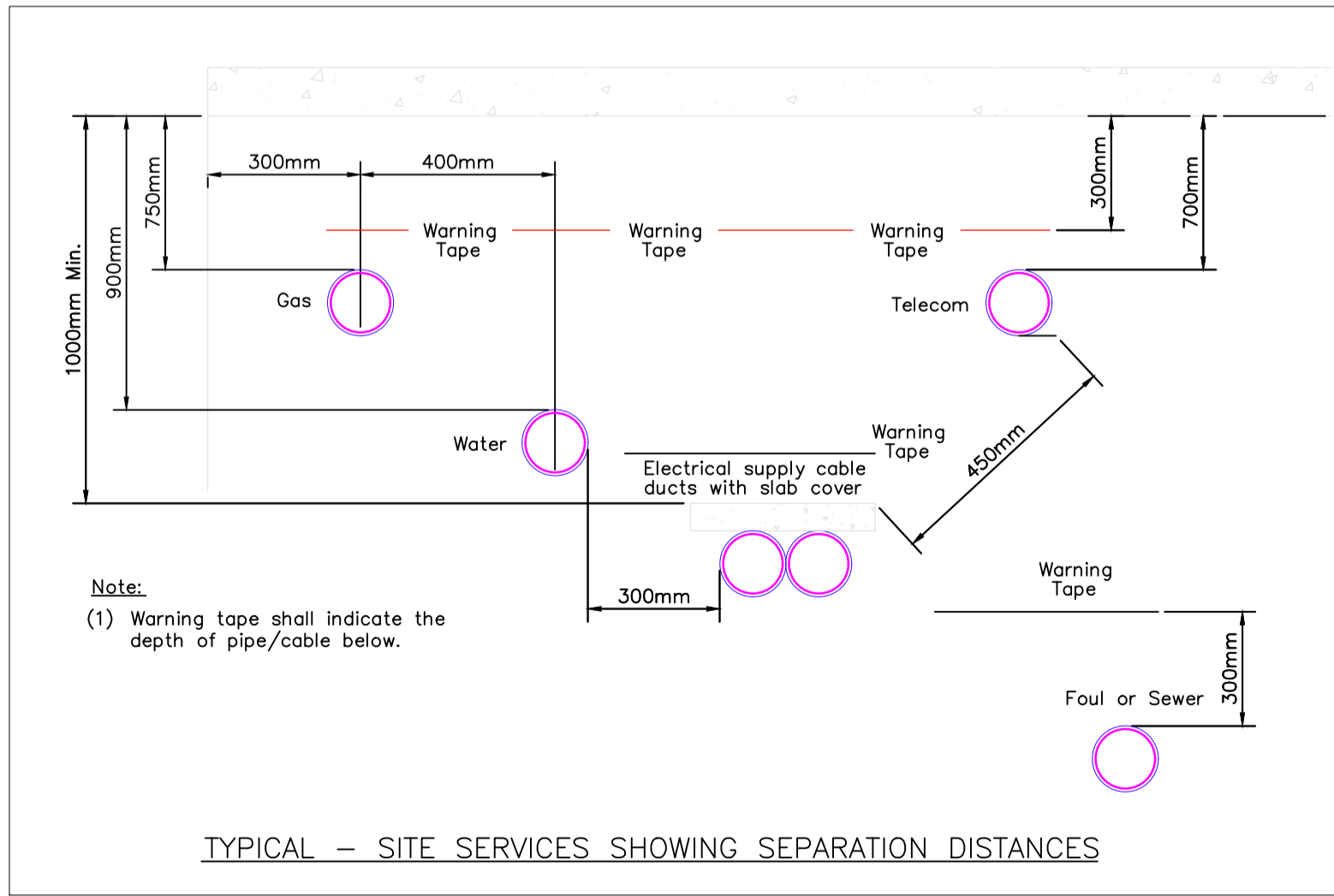
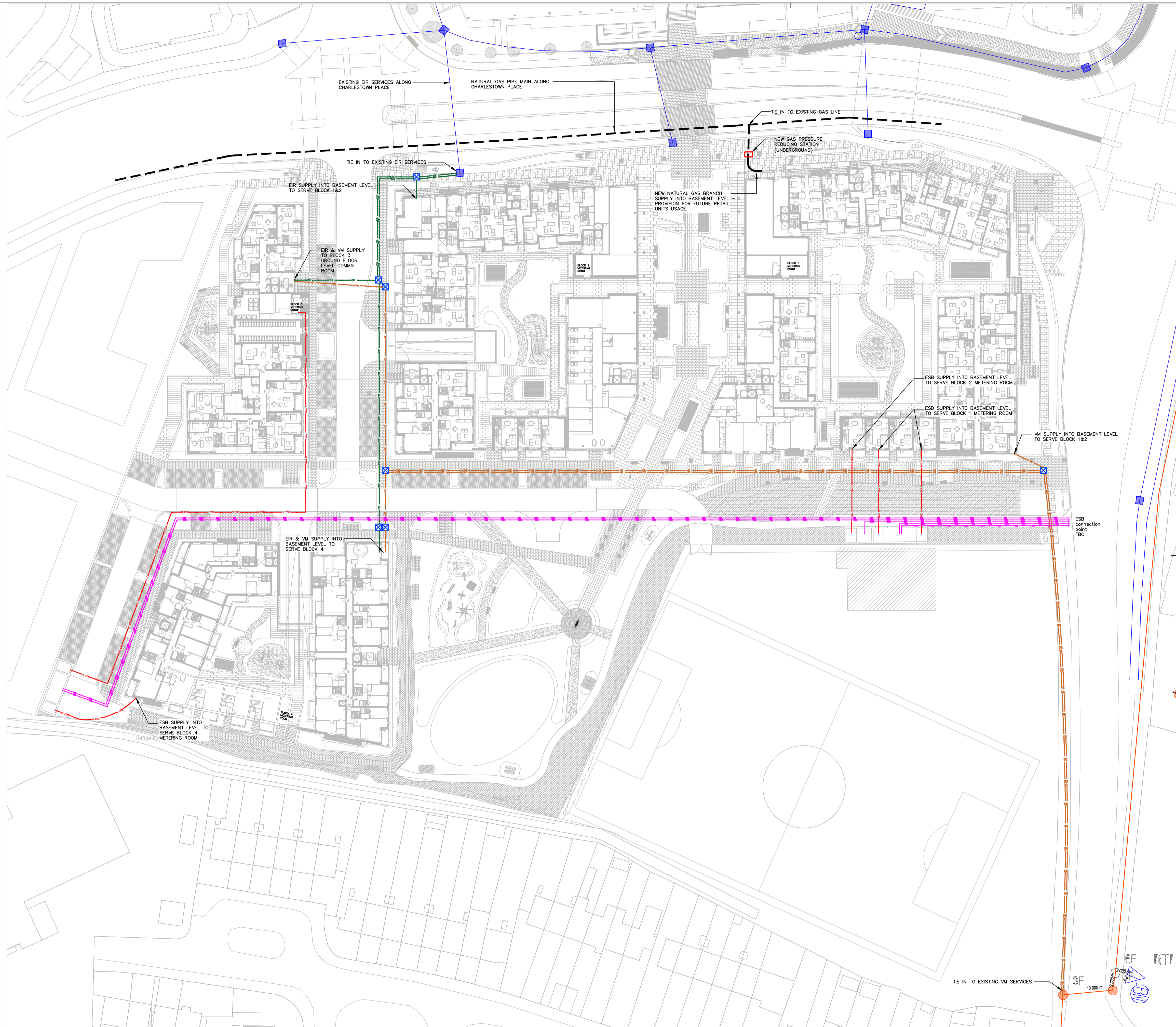


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 Roscommon 090 6602380
 Website www.varming.ie



| Revision | Project Drawing Reference | | |
|-------------------|----------------------------------|---------------|-----------------|
| P03 | 20624-VCE-ZZ-XX-DR-E-1001 | | |
| Status | Varming Project Number | | |
| S2 | 20624 | | |
| Date | Checked By | Drawn By | Scale |
| APRIL 2021 | D.W | J.Mc.D | 1:500@A1 |

- LEGEND:**
- **N ESB** 1 NO. 160Ø ESB PVC UNDERGROUND DUCT RED
 - **ESB** 2 NO. 125Ø ESB PVC UNDERGROUND DUCT RED
 - **VIR** 1 NO. 110Ø VIRGIN MEDIA PVC UNDERGROUND DUCT
 - **EIR** 1 NO. 110Ø VIRGIN MEDIA PVC UNDERGROUND DUCT
 - - - NATURAL GAS PIPE
 - EXISTING EIR
 - EXISTING VIRGIN MEDIA



General Notes

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| Rev | Status | Date | Description | D.E. |
|-----|--------|--------|--------------------------|--------|
| PO3 | S2 | May'21 | REVISED LAYOUT | J.Mc.D |
| PO2 | S2 | APR'21 | SUITABLE FOR INFORMATION | J.Mc.D |
| PO1 | S2 | JAN'21 | SUITABLE FOR INFORMATION | J.Mc.D |

Client
PUDDENHILL PROPERTY LIMITED

Project Title
CHARLESTOWN PLACE SHD

Drawing Title
**SITE SERVICES LAYOUT
ESB, NATURAL GAS
& TELECOMMUNICATIONS**

Dublin 01 4872300
Cork 021 2375080
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QUALITY HEALTH & SAFETY ENVIRONMENT
ISO 9001:2015 ISO 45001:2018 ISO 14001:2015
NQA Certified NQA Certified NQA Certified

Engineering for the Future



| Revision | Project Drawing Reference | | |
|-------------------|-----------------------------------|---------------|-----------------|
| P03 | 20624-VCE-ZZ-XX-DR-ME-1000 | | |
| Status | Varming Project Number | | |
| S2 | 20624 | | |
| Date | Checked By | Drawn By | Scale |
| APRIL 2021 | D.W | J.Mc.D | 1:500@A1 |