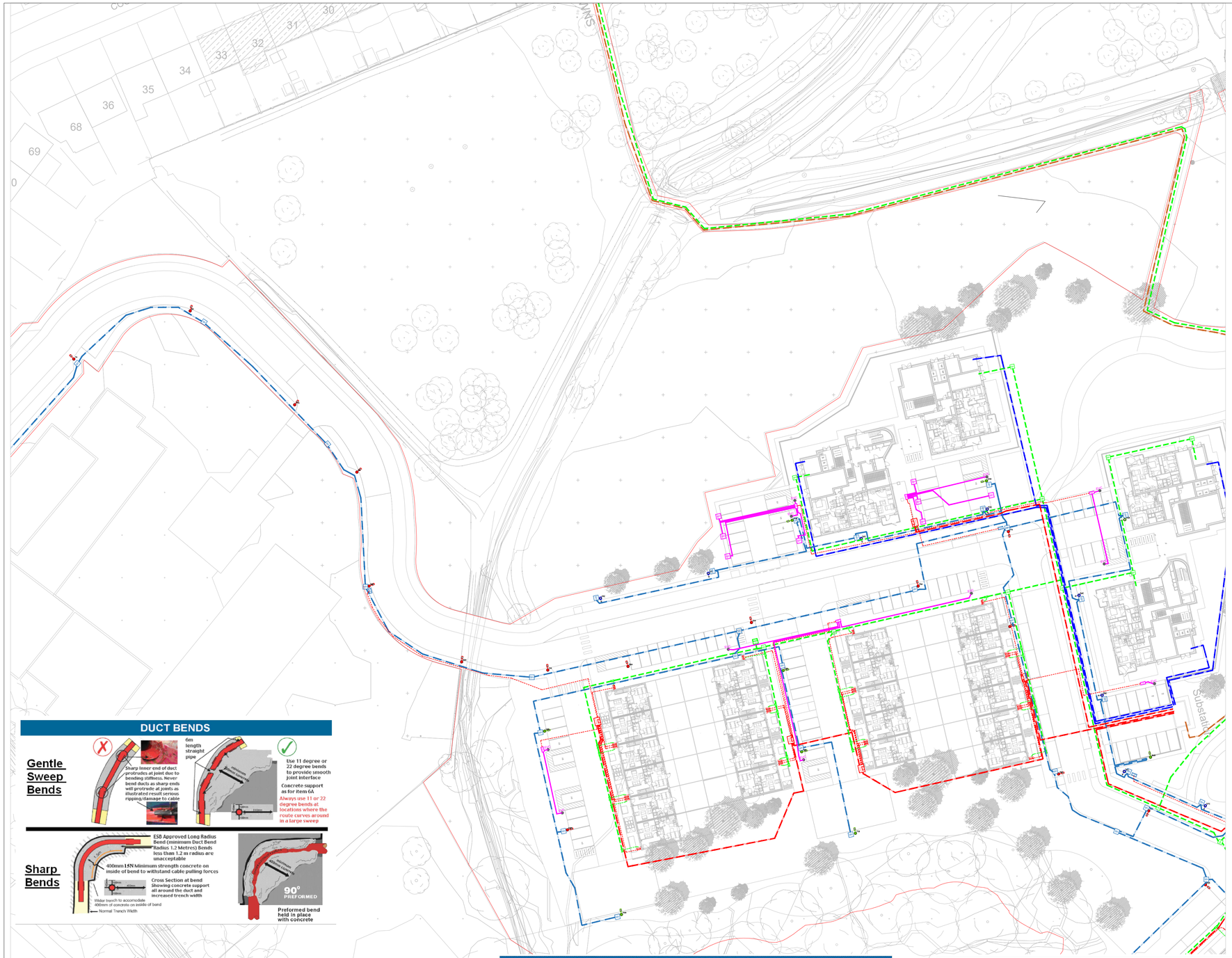
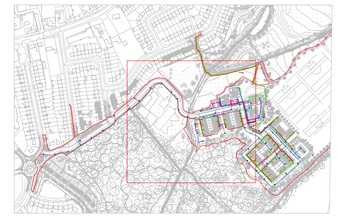
Project Management Initials: Designer: PK Checked: KF Approved: RR ISO A1 594mm x 841mm



LEGEND

- 1x110mm PUBLIC LIGHTING DUCTING
- ESB 125mm LV CABLING (TO MINIPILLARS)
- ESB 50mm LV SERVICE DUCT (TO DWELLINGS)
- ESB 125mm LV CABLING (TO METER ROOMS)
- ESB 125mm MV DUCTING (TO SUBSTATION)
- SHARED TELECOM INFRASTRUCTURE 4 x 110mm DUCTING 1NR EIR, 1NR VM, 1NR SIRO & 1NR SPARE
- SHARED TELECOM INFRASTRUCTURE 1 x 63mm DUCT (TO DWELLING)
- 125mm EVC DUCTING
- 100mm CCTV DUCTING
- MH — SHARED TELECOM INFRASTRUCTURE MANHOLE - JB4 1110x1090mm
- MH — PUBLIC LIGHTING MANHOLE - JB1 385x260mm
- LP — PUBLIC LIGHTING MICRO-PILLAR (UN-METERED)
- MH — CCTV MANHOLE - 600x600mm
- FP — EVC FEEDER PILLAR
- MH — EVC MANHOLE - 600x600mm
- MH — LV MANHOLE - 1000x800mm
- LV EARTH PIT
- METER — ESB METER CABINET (DWELLING)
- ESB VAULT / EMP — ESB MINIPILLAR & CABLE VAULT
- EVC — ELECTRIC VEHICLE CHARGER
- EVC (FUTURE) — ELECTRIC VEHICLE CHARGER (CABLE DUCTS ONLY)

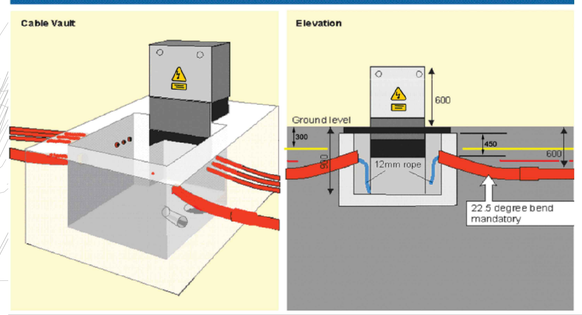


DUCT BENDS

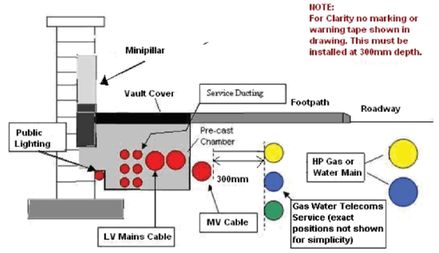
Gentle Sweep Bends

Sharp Bends

MINIPILLAR VAULTS

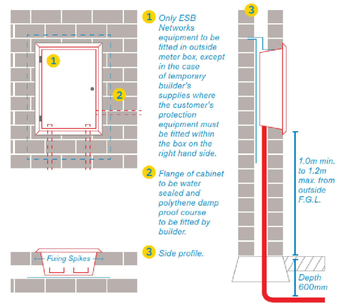


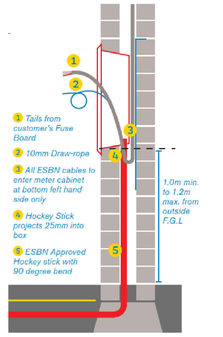
Position and Spacing of ESB Networks Ducting in relation to other Utility Ducts and Pipes in Housing Schemes/Developments



Normal standard clearance = 300mm. Clearance from High Pressure pipes = 600mm

INSTALLATION





A SITE PLAN BELOW GROUND SERVICES

Scale: A1 @ 1 : 500

AECOM

Project

SDCC RATHCOOLE

Client

SOUTH DUBLIN COUNTY COUNCIL

Consultant

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Notes

1. THIS DRAWING IS TO BE READ IN CONJUCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS, ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE DESIGNER.
2. DO NOT SCALE, ALL MEASUREMENTS AND COORDINATES TO BE CHECKED ON SITE.
3. NOTE THAT CABLING TO BE USED FOR PUBLIC LIGHTING 2 x 6mmsq XLPE/SWA/PVC + INTEGRAL EARTH.
4. DUCTING SHALL COMPLY WITH LATEST VERSION OF IS EN 61386-1-21-22-23-24 AND SHALL BE SINGLE WALL, COLOURED RED AND MANUFACTURED FROM HIGH-DENSITY POLYETHYLENE. THE NOMINAL EXTERNAL DIAMETER OF THE DUCT SHALL BE 107 MM WITH A MINIMAL WALL THICKNESS OF 5 MM. EACH LENGTH OF DUCT SHALL BE STAMPED WITH THE WORDS "PUBLIC LIGHTING" OR "STREET LIGHTING", IN 16 MM BLACK LETTERING REPEATED AT 1-METRE INTERVALS. DUCTS SHALL BE LAID WITH THIS LEGEND FACING UPWARDS.

Issue/Revision

Rev	Date	Description
P01	20261007	Part 10 Submission

Key Plan

Suitability Status

PART 10 SUBMISSION

Project Number

60765651

Sheet Title

SITE PLAN
SITE SERVICES LAYOUT
SHEET 2 OF 4

Sheet Number

RATH-ACM-ZZ-ZZ-DR-EL-021005

Scale: A1 @ 1 : 500 **Rev:** P01

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