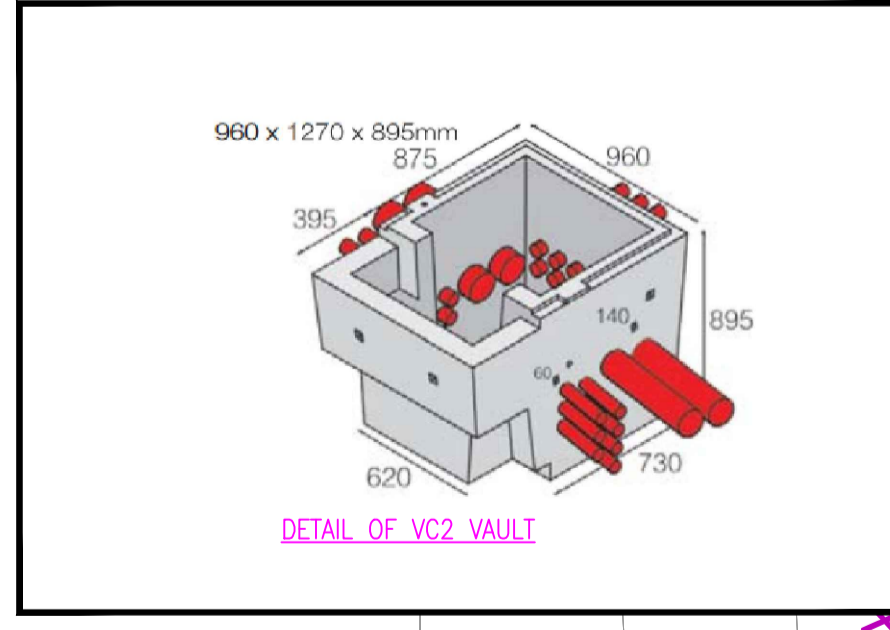
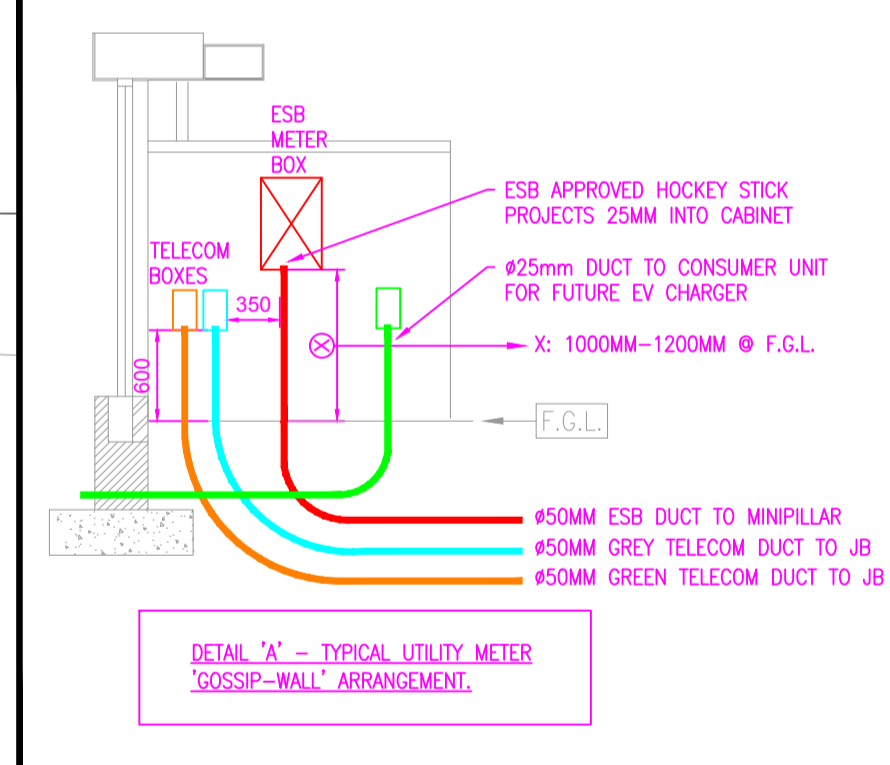
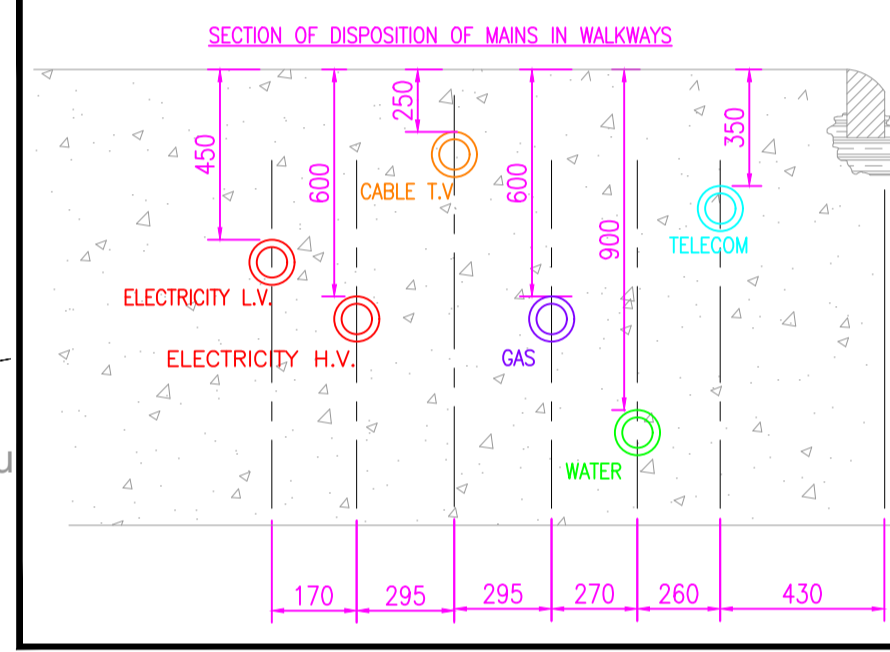
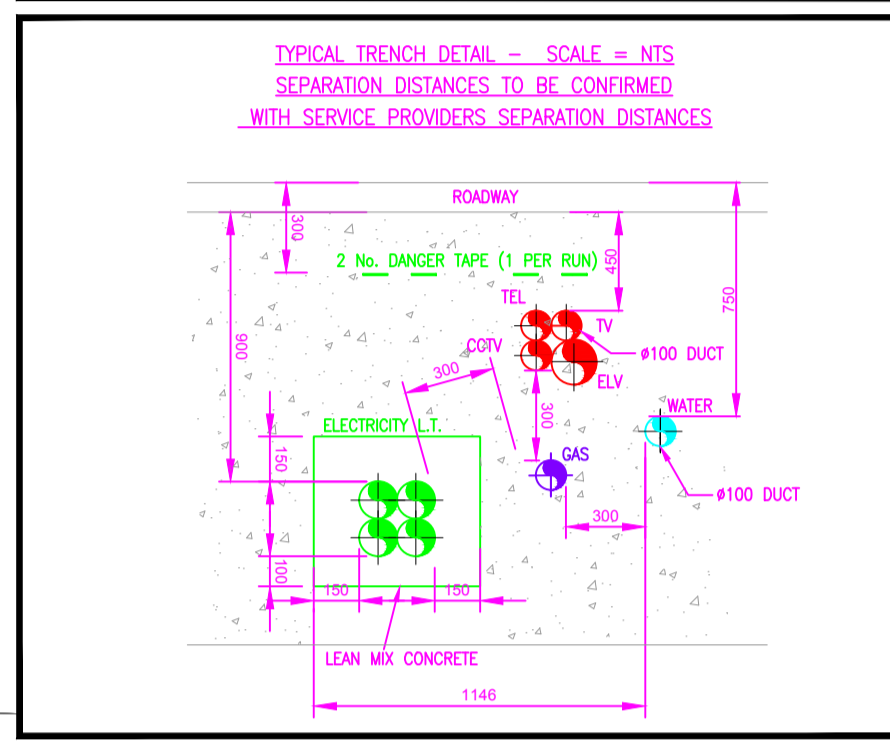


**LEGEND**

- PROPOSED ESB LV DUCT
- PROPOSED ESB MV DUCT
- PROPOSED ESB HV DUCT
- EX ESB MV LINE TO BE DIVERTED
- EXISTING ESB LINE
- EXISTING GAS PIPE
- MANHOLE FOR DRAWING WIRES, ACCESS AND MAINTENANCE.
- ESB MINIPILLAR "n"
- C/W VC2 VAULT IMMEDIATELY IN FRONT
- ø50mm RED DUCT TO MINIPILLAR "n"
- ESB METER BOX



**NOTES:**

**GENERAL NOTES:**

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, C&S ENGINEERS DRAWINGS & SPECIFICATIONS.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT BUILDING REGULATIONS.
- DO NOT SCALE — WORK TO FIGURE DIMENSIONS ONLY.

**IHEEM**

**ENGINEERS IRELAND**

**cpd ACCREDITED COMPANY**

Qualitas Veritas ISO 9001-2015

Referenced drawings	
Dwg No.	Dwg Title

Issue register					
Rev.	Date	Description	Dwn	Chkd	Apprv
01	07/09/21	INFORMATION	HP	BC	AW

Client: KILDARE COUNTY COUNCIL

Job Description: AMBASSADOR SITE KILL, Co. KILDARE

Status: INFORMATION

Drawing Title: ESB SITE SERVICES LAYOUT

Project No: 21ME009 Drawing Ref: ME-1000(A) Rev: P1

Date: 24/07/20 Scale: 1:400 @ A1 (1:800@A3)

Drawn By: H.P. Checked By: A.W. Approved By: A.W.

**Hayes Higgins Partnership**

Gas House Lane, Kilkenny.

Gas House Lane, Kilkenny (054) 7764710 (0546) 7723223 info@hhp.ie  
The Open House, 11 O'Connell Street, Dublin (01) 6632321 (01) 6625804 admin@hayeshiggins.ie  
Issue 7

**NOTES:**

- USE ONLY SOLID WALL HIGH IMPACT RESISTANCE ESB NETWORKS APPROVED RED DUCTING TO IS 370 COLOUR STANDARD AND ESB NETWORKS SPECIFICATION 16113 (3.8MM MINIMUM WALL THICKNESS µPVC FOR 125MM DUCTS). DISCOLOURED DUCT NOT ACCEPTABLE.
- LIGHTWEIGHT, FLEXIBLE CORRUGATED TWIN WALL DUCTING IS NOT ACCEPTABLE TO ESB NETWORKS IRRESPECTIVE OF MANUFACTURER.
- DUCTS SHALL BE LAID WITH THE LEGEND FACING UPWARDS, IN A STRAIGHT LINE, ROPED USING 12MM POLYPROPYLENE ROPE WITH CERTIFIED SAFE BREAKING LOAD OF 1.5 TONS.
- THE INSTALLATION SHALL COMPLY WITH THE ESB'S "STANDARD SPECIFICATION FOR ESB NETWORKS MV/LV NETWORKS DUCTING".
- THE THERMAL RESISTIVITY OF THE DUCT SURROUND MATERIAL MUST BE MAXIMUM 1.0K.M/WATT @0% MOISTURE CONTENT. ONLY ESB NETWORKS APPROVED UNWASHED SAND GRADED TO BS882 STANDARD OR EQUIVALENT ESB NETWORKS APPROVED MATERIAL IS ACCEPTABLE. PEA GRAVEL AND FOAM CONCRETE ARE UNACCEPTABLE.
- AN IDENTIFYING RED TAPE MUST BE PLACED ON TOP OF THE SAND AND A YELLOW 300mm FROM THE SURFACE.
- A MINIMUM DEPTH OF 450MM IS REQUIRED IN ESTABLISHED FOOTWAYS, 600MM IN NEW HOUSING ESTATE CARRIAGEWAYS & FOOTWAYS AND ALL GRASSED AREAS, 750MM ALL NON-HOUSING ESTATE CARRIAGEWAYS.