

LEGEND Street furniture & Services

Over Head Wires (LUAS) - Nylon ESB	Bus Stop	Ballot	Road Sign	Phone Box
Flowerbed	Beacon	Beacon	Beach Seat	Duct
Pipe	Coalhole Cover	USG W	Kiosk	Gas Cover
Light	Bore Hole	USG Car Park V	Utility	C P Box
Barrier	Electricity Pole	Waste Bin	Waste Bin	Waste Bin
Pump	Hydrant	Hydrant	Hydrant	Hydrant
Trail Pt	Telegraph pole	Fire Hydrant	Fire Hydrant	Fire Hydrant
Bus/Tram Shelter	OCS Pole	ESB Box	ESB Box	ESB Box
Postbox	OCTV Camera Pole	ESB Inspection Cover	ESB Inspection Cover	ESB Inspection Cover
Water - General	Lamp Post	Traffic Control Box	Traffic Control Box	Traffic Control Box
Water Valve	Four Manhole	LUAS Technical Cabinet	LUAS Technical Cabinet	LUAS Technical Cabinet
Gas Valve	Surface Water MH	Ticket Vending Machine	Ticket Vending Machine	Ticket Vending Machine
Sluice Valve	Manholes	Water Meter Cover	Water Meter Cover	Water Meter Cover
Air Valve	Air Conditioning Vents	Telecom Inspection Cover	Telecom Inspection Cover	Telecom Inspection Cover
Stop Cock	Services Inspection Cover	Monument / Toilets	Monument / Toilets	Monument / Toilets
C P Post	Traffic Inspection Cover	Tank Storage	Tank Storage	Tank Storage
Marker Post	Cable TV Inspection Cover	Basement MH Cover & Pipe	Basement MH Cover & Pipe	Basement MH Cover & Pipe
Traffic Light	ESAT Inspection Cover	Dispersed Aerial Mark	Dispersed Aerial Mark	Dispersed Aerial Mark
Parking Meter	NL Inspection Cover	Stop for pole	Stop for pole	Stop for pole
Plane Aerial Mark	Ercon Inspection Cover	Pipe Protection	Pipe Protection	Pipe Protection
Small Card Validator	Rodding Eye	Washout	Washout	Washout
Unknown Valve	Rodding Eye	Washout	Washout	Washout

Natural Features

Surface Change	Water Level	Golf
Land Drain	Coast Level	Fair Way
Bottom of Slope	Invert level	Green
Top of Slope	Bed Level	Tea Box
Ditch	Spotheight	Other
Water Edge / Lake / Pond	Survey Station	Photo point
Hedge / Trees Drip Line / Vegetation	Tree Deciduous	Top of Tree

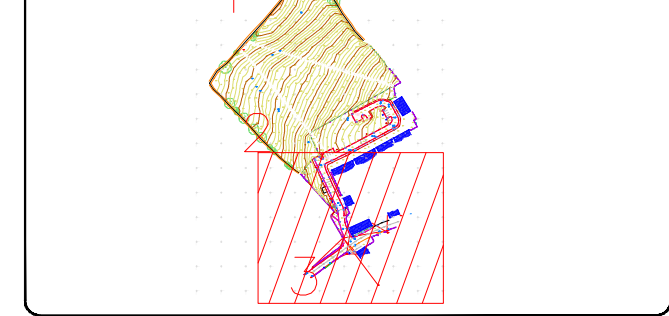
Built Features Roads & Road Markings

Building	Fence	Floor Level
Edge of Road	Gate	Apex Height
Kerb Bottom	Road Centreline	Eaves Height
Kerb Top	Top of Wall	Parapet Height
Bridge Abutment	Hoarding	Soft Elevation
Bridge Deck	Property Line	Step Level
Bridge Parapet	Road Bar	Concrete Pad
Building Facade	Top of Fence	Track
Footpath / Platform Train & Tram	Wall / Retaining Wall	
Damp Proof Course / Veige	Railway / Tram Rail / Gating / Ramp	
Bridge Pier / Wall & Gate Piler / LUAS Trackbed	Building Canopy / Roof / Overhang	
Cycleway / Private Landing Area		

Murphy Surveys Ltd. Disclaimer
 The user or recipient of this survey data understands and acknowledges this data may be inaccurate or contain errors or omissions and the user or recipient assumes full responsibility for any risks or damages resulting from, arising from, or in connection with any use of or reliance upon data displayed herein. Although significant care has been exercised to produce surveys that satisfy survey accuracy standards, these surveys are only as accurate as the source data from which they were compiled. Although all reasonable steps have been taken to locate all features visible at the time of the survey, there is no guarantee that all will be shown on the drawing, as some above ground features may have obstructed the survey. Wherever possible, areas unable to be surveyed will be labelled as "UTS".

The Company shall not be liable for any inaccuracy of the data provided beyond the specified scale or accuracy, or for any matters resulting from their use for purposes other than that stated in the Contract. No liability shall attach to the Surveyor in respect of any consequential loss or damages suffered by the Client.

The Client must promptly notify the Company of any errors in mapping of which it becomes aware. If misleading, inaccurate or otherwise inappropriate information is brought to the Company's attention or the Company itself identifies any such inaccuracy or error in a survey, it shall use its reasonable endeavours to fix or remove it and if necessary in certain instances, the Company being on notice of any such misleading, inaccurate or otherwise inappropriate information, it will re-conduct the survey and reproduce the data to within the specified scale or accuracy.



Drawn by: JNB	Date: 13.09.2019	Drawn by: JNB
Checked by: JM	Date: 09.10.2019	Checked by: JM

SOCIETY OF CHARTERED SURVEYORS IRELAND
THE SURVEY ASSOCIATION FULL MEMBER
RICS
EUROPEAN GPR ASSOCIATION

murphy SURVEYS
 GLOBAL CONSULTING SURVEYORS

Topographic surveys, Measured Building Surveys, Setting Out, As-Built Surveys, Hydrographic Surveys, Legal Mapping, Pipeline Surveys, Services Location, Ground Penetrating Radar, Laser Scanning, Aerial Photography

Kildare Cork Belfast Glasgow London

Head Office
 Global House
 Killeen Business Campus
 Killeen Co. Kildare
 Ireland

Phone: (+353) 045 484040
 Fax: (+353) 045 484004
 Email: info@murphysurveys.ie

Client: Limerick City & County Council

Project: Topo+Utility_Surveys_19099_Killimnane_Limerick

Date: 09.10.2019 **Scale:** 1:250@A1

Description: Topographical Survey

Drawing Number: MSL32976_T3-Rev1

© Copyright 2019 MURPHY SURVEYS LTD