THIS DRAWING IS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR LEGEND SHALL BE RESPONSIBLE FOR PRODUCING WORKING DRAWINGS NOTES RELATING TO STREET LIGHTING INSTALLATIONS: EXISTING STREET/SITE LIGHTING (SUBJECT TO EXIST S-LGT THE PUBLIC LIGHTING DESIGN SHALL FULLY COMPLY WITH BS5489:2013 LIGHTING IDENTIFICATION ON SITE) THE CONTRACTOR SHALL NOTE THAT ALL PUBLIC LIGHTING DUCTING TO BE RED HIGH DENSITY POLYETHYLENE (HDPE) DUCTS STAMPED 'STREET LIGHTING' OR PUBLIC LIGHTING' AND BE IN ACCORDANCE WITH SLIGO COUNTY COUNCIL PUBLIC TYPICAL LIGHTING COLUMNS DUCTING DETAIL PROPOSED PUBLIC LIGHTING DUCTING ROUTE. DUCTS SHALL BE uPVC COMPLYING WITH BS3506 CLASS B OR LIGHTING REQUIREMENTS. HIGH DENSITY POLYTHENE PIPE TO I.S.135 CLASS B. MINIMUM SIZE 50mm WITH 100mm SPARE DUCTS CONTRACTOR SHALL ENSURE THAT ALL ESBN SUPPLY POINTS, PUBLIC LIGHTING DEPLOYED AT ROAD CROSSINGS. PILLARS, COLUMNS, DUCTS & CABLES ARE INSTALLED/PLACED OUTSIDE THE LIGHTING COLUMN LIGHTING COLUMN LIGHTING COLUMN PROPOSED PUBLIC LIGHTING DUCTING ROUTE. DUCTS BOUNDARIES OF PRIVATE PROPERTY. S.LTG S.LTG SHALL BE uPVC COMPLYING WITH BS3506 CLASS B OR HIGH DENSITY POLYTHENE PIPE TO I.S.135 CLASS B. ALL COLUMNS SHALL BE OF TAPERED OCTAGONAL CONSTRUCTION, FABRICATED MINIMUM SIZE 100mm WITH 100mm SPARE DUCTS FROM 3mm SHEET STEEL OR OF TUBULAR STEEL CONSTRUCTION WITH A MINIMUM DEPLOYED AT ROAD CROSSINGS. WALL THICKNESS OF 3mm. NO CIRCUMFERENTIAL BUTT-WELDING SHALL BE USED IN COLUMN CONSTRUCTION. COLUMNS SHALL COMPLY WITH SCC STREET LIGHTING PROPOSED PUBLIC LIGHTING MICRO PILLAR. PROPOSED DIVISION REQUIREMENTS & SPECIFICATIONS. MICROPILLAR SHALL BE LOCATED A MINIMUM DISTANCE 2M FROM ESB MINI-PILLARS. COLUMNS SHALL HAVE FITTED COMPARTMENT DOORS SET AT A HEIGHT OF 1.5m TO CENTRE OF OPENING ABOVE FINISHED ROAD LEVEL AND NORMALLY FACED AWAY EXISTING ESB NETWORKS MINIPILLAR AND/OR RECESSED VAULT THE OUTSIDE OF THE PLANTED PORTION OF ALL COLUMNS SHALL BE PROTECTED BY A BITUMINOUS COATING EXTENDING TO A HEIGHT OF 150mm ABOVE GROUND LEVEL. PROPOSED ESB NETWORKS MINI-PILLAR & VC2 VAULT ARRANGEMENT ALL DUCTS SHALL BE PLACED OUTSIDE THE BOUNDARIES OF PROPERTIES AND SHALL NOT AT ANY TIME PASS THROUGH ESB OR EIR TELECOM CHAMBERS. LOOP IN, LOOP OUT PROPOSED (800x800) CONCRETE DRAW PIT / INSPECTION ARRANGEMENT OF THE CONTRACTOR SHALL ENSURE THAT SPARE 50mm DUCTS ARE LAID ACROSS ALL DRIVEWAY APRONS. SPARE 100mm DUCT SHALL BE PROVIDED AT EACH ROAD CHAMBER. 50mmØ DUCTS AT COLUMNS (Not indicated CROSSING. IN ALL SITUATIONS ELECTRICAL HAZARD WARNING TAPE AS PER on drawing for clarity) ET10101:2020 SHALL BE LAID AT THE APPROPRIATE DEPTH. DENOTES COLUMN MOUNTED PUBLIC LIGHTING LUMINAIRE CABLING DEPLOYED FOR STREET LIGHTING SHALL BE MINIMUM 2x6mm SQ NYCY ---50mmØ DUCTS TO COMPLYING WITH VDE 0271/5. DENOTES COLUMN MOUNTED PUBLIC LIGHTING LUMINAIRE TERMINATE AT GEAR -GROUND LEVEL A BARE COPPER OR HOT DIP GALV IRON EARTH ROD 16mm DIA SHALL BE SUNK TO A MINIMUM DEPTH OF 1200mm ADJACENT TO EACH SERVICE PILLAR. EARTH RODS SHALL BE INSTALLED WITH SUITABLE INSPECTION BOXES TO FACILITATE INSPECTION OF THE EARTH CONDUCTOR CONNECTION TO THE ROD. ELECTRICAL CONTRACTOR SHALL REFER TO SLIGO COUNTY COUNCIL GUIDLINES FOR PUBLIC LIGHTING WORKS AND ENSURE THAT THEIR INSTALLATION FULLY COMPLIES WITH THIS DOCUMENT. -50mm DUCTS THIS DETAIL IS INDICATIVE & INTENDS TO CONVEY Gibraltar Road 3A 3A Block 3A 035 Sea Road 3A 88 PROPOSED -MICRO PILLAR 88.5 018 A) PROPOSED MICRO PILLAR 017 017 - PROPOSED MINI PILLAR 016 AA COLUMN NUMBERING TO BE Block DEPLOYED AS REQUIRED BY LOCAL AUTHORITY. P05 UPDATED TO LATEST ARCHITECTS LAYOUT NB SF 25.11.2021 NB SF 16.11.2021 P04 TITLE BLOCK UPDATED PROPOSED MICROPILLAR SHALL BE LOCATED A MINIMUM DISTANCE 2M FROM NB SF 11.11.2021 P03 UPDATED TO LATEST ARCHITECTS LAYOUT ESB MINI-PILLARS. 50mm RED DUCTING SHALL BE INSTALLED COMPLETE WITH NB SF 13.09.2021 P02 UPDATED TO LATEST ARCHITECTS LAYOUT 10mm DRAW ROPE AT A DEPTH OF 600mm TO INTERCONNECT MINI & MICRO PILLARS. AT EACH MICRO PILLAR LOCATION ELECTRICAL CONTRACTOR SHALL NB SF 18.08.2021 P01 PRE PLANNING ISSUE ENSURE THAT A BARE COPPER OR HOT DIP GALV IRON EARTH ROD 16mm DIA REV DESCRIPTION DRN CKD DATE SHALL BE BURIED TO A MINIMUM DEPTH OF 1200mm. EARTH RODS SHALL BE INSTALLED WITH SUITABLE INSPECTION BOX TO FACILITATE INSPECTION OF **ISSUE** PRELIMINARY STAGE THE EARTH CONDUCTOR CONNECTION TO THE ROD. Sea NATURALLY INNOVATIVE CONSULTING ENGINEERS Road +44 (0)28 90331700 ISO 9001 Castleblayney +353 (0)42 9749570 ISO 14001 ISO 45001 Registered www.semplemckillop.com admin@semplemckillop.com PROJECT TITLE PPP SOCIAL HOUSING BUNDLE 3, RATHELLEN, FINISKLIN, CO. SLIGO (SLIGO COUNTY COUNCIL) DRAWING TITLE PUBLIC LIGHTING DUCTING REQUIREMENTS DRAWING REFERENCE SCALE NB | A1 1:500 2746-SMK-XX-ZZ-DR-E-6023