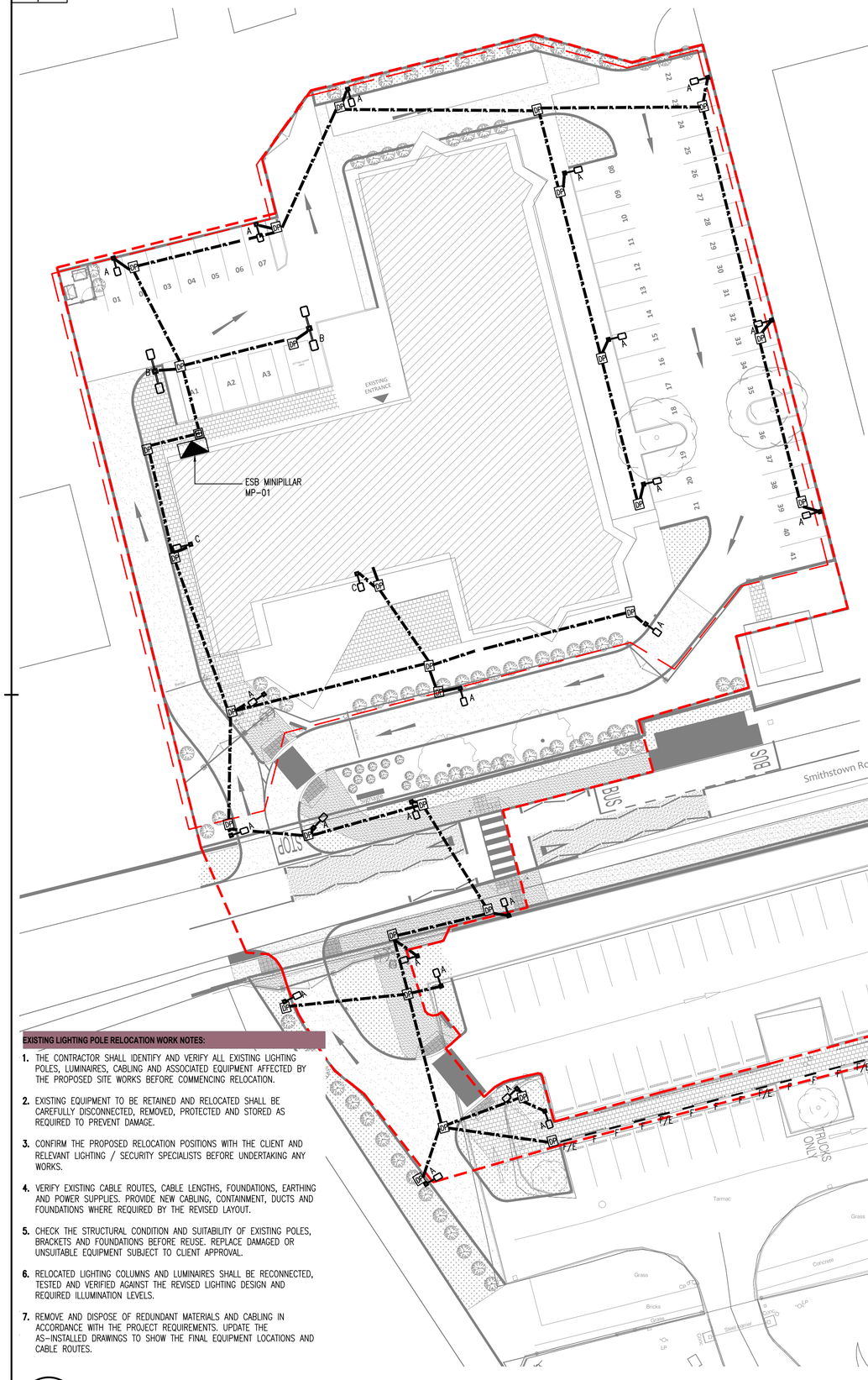
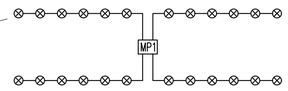
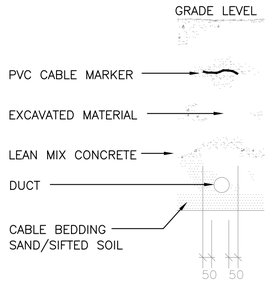
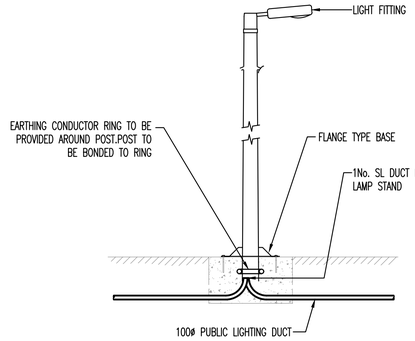




MAXIMUM NUMBER OF LIGHTING POLES PER CIRCUIT – 6 No.

MAXIMUM NUMBER OF CIRCUITS PER MICRO PILLAR – 4 No.





TYPICAL LAMP STANDARD DETAIL

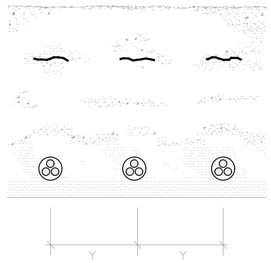
PL–Cable Chamber — Site Lighting Cable Chamber as per Local Authority Public Lighting Specification.

3x6sq SWA Cable laid in ducting to ETCI ET101. Single wall ducting, Colour red to be used manufactured from high density polyethylene (H.D.P.E), 125mm external diameter, having a wall thickness of 5mm. This ducting to have the words "Street Lighting" stamped on, letter size 9mm at 1m intervals. The lettering to face uppermost in the trench. All work to local authority specification. This is circuit layout and not indicative of where ducts are to be laid.

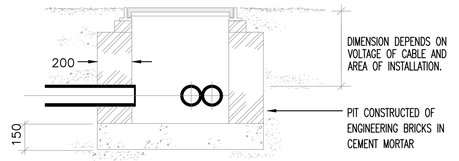
MP? — Public lighting Pillar (Located at least 2m from ESB pillar)

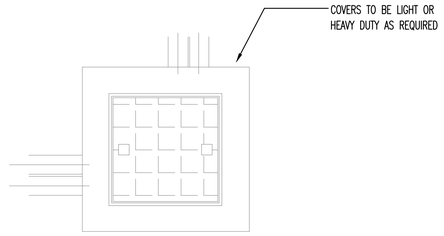
Typical Based Details to be Checked by Site Engineers

COLUMN MOUNTED HEIGHT		12m	10m	8m	6m
COLUMN ROOT DEPTH	A	1.9m	1.7m	1.5m	1.0m
CABLE ENTRY DEPTH		0.3m	0.3m	0.3m	0.3m
ROOTING CONCRETE DEPTH					
COLUMN DOOR HEIGHT		1.5m	1.5m	1.5m	1.5m
COLUMN SLEEVE SIZE (mm) internal	B	450	400	400	300
EXCAVATION (width x length)	C	1000	800	600	400



TYPICAL BURIED CABLE DETAIL





TYPICAL CHAMBER DETAIL

GENERAL NOTES:

1. ALL WORKS SHALL BE COORDINATED WITH THE LATEST ARCHITECTURAL, CIVIL, STRUCTURAL, ELECTRICAL, IT AND SECURITY SPECIALIST DRAWINGS.
2. THE CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS, EQUIPMENT LOCATIONS, CABLE ROUTES AND SERVICE REQUIREMENTS BEFORE COMMENCING WORKS.
3. FINAL EQUIPMENT QUANTITIES, MODELS, POWER REQUIREMENTS, NETWORK INTERFACES AND CONTROL SEQUENCES SHALL BE CONFIRMED WITH THE CLIENT AND RELEVANT SPECIALISTS BEFORE PROCUREMENT.
4. ALL ELECTRICAL INSTALLATIONS, PROTECTIVE DEVICES, EARTHING, CABLING AND ISOLATION SHALL COMPLY WITH APPLICABLE IRISH REGULATIONS, RELEVANT STANDARDS AND APPROVED MANUFACTURER'S REQUIREMENTS.
5. PROVIDE TESTING, COMMISSIONING, OPERATING INSTRUCTIONS, EQUIPMENT SCHEDULES AND AS–INSTALLED DRAWINGS FOR ALL NEW AND RELOCATED INSTALLATIONS.
6. DO NOT SCALE DRAWINGS. REPORT ANY DISCREPANCIES BETWEEN SITE CONDITIONS AND THE DRAWINGS TO THE DESIGNER BEFORE PROCEEDING.

LEGEND:

ESB MINIPILLAR	
400x400mm PUBLIC LIGHTING DRAW PIT	MP
TIARA 2 LED S 5200LM 740 RM7HE (29W) 6METER HIGH POLE.	A
TIARA 2 LED S 5200LM 740 RM7HE (29W), 6METER HIGH POLE (TYPE B, FITTED WITH A TWIN ARM)	B
TIARA 2 LED S 5200LM 740 RM7HE (29W) (TYPE C, WALL–MOUNTED TO THE BUILDING FACADE)	C
SURFACE MOUNTED LIGHT FITTING UNDER THE COVERED WALKWAY	F
SAME AS ABOVE "TYPE F" BUT WITH BATTERY BACKUP	F/E
2x125mmø PUBLIC LIGHTING DUCT	PL PL PL
SCOPE OF WORK OUTLINED IN RED	



29W TIARA 2 LED S 520LM 740 RM7HE, 6METER HIGH POLE.

EXISTING LIGHTING POLE RELOCATION WORK NOTES:

1. THE CONTRACTOR SHALL IDENTIFY AND VERIFY ALL EXISTING LIGHTING POLES, LUMINAIRES, CABLING AND ASSOCIATED EQUIPMENT AFFECTED BY THE PROPOSED SITE WORKS BEFORE COMMENCING RELOCATION.
2. EXISTING EQUIPMENT TO BE RETAINED AND RELOCATED SHALL BE CAREFULLY DISCONNECTED, REMOVED, PROTECTED AND STORED AS REQUIRED TO PREVENT DAMAGE.
3. CONFIRM THE PROPOSED RELOCATION POSITIONS WITH THE CLIENT AND RELEVANT LIGHTING / SECURITY SPECIALISTS BEFORE UNDERTAKING ANY WORKS.
4. VERIFY EXISTING CABLE ROUTES, CABLE LENGTHS, FOUNDATIONS, EARTHING AND POWER SUPPLIES. PROVIDE NEW CABLING, CONTAINMENT, DUCTS AND FOUNDATIONS WHERE REQUIRED BY THE REVISED LAYOUT.
5. CHECK THE STRUCTURAL CONDITION AND SUITABILITY OF EXISTING POLES, BRACKETS AND FOUNDATIONS BEFORE REUSE. REPLACE DAMAGED OR UNSUITABLE EQUIPMENT SUBJECT TO CLIENT APPROVAL.
6. RELOCATED LIGHTING COLUMNS AND LUMINAIRES SHALL BE RECONNECTED, TESTED AND VERIFIED AGAINST THE REVISED LIGHTING DESIGN AND REQUIRED ILLUMINATION LEVELS.
7. REMOVE AND DISPOSE OF REDUNDANT MATERIALS AND CABLING IN ACCORDANCE WITH THE PROJECT REQUIREMENTS. UPDATE THE AS–INSTALLED DRAWINGS TO SHOW THE FINAL EQUIPMENT LOCATIONS AND CABLE ROUTES.

01 / 60-S1 SITE LIGHTING & DUCTING LAYOUT-SITE PLAN
SCALE: 1:250@A1

ISSUED FOR TENDER

REFERENCE DOCUMENTS

Document No.	Document Title	Rev.
1100	SITE PLAN–PROPOSED	00

T	30.10.26	ISSUED FOR TENDER	ZA	JS
P	23.10.26	ISSUED FOR PLANNING	ZA	JS

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Client: AIR NAVIGATION IRELAND

Architect: THE INTERIORS GROUP

Project Title: AIR NAVIGATION IRELAND
OSPREY HOUSE–FITOUT WORKS
PHASE–02

Drawing Title: SITE LIGHTING & DUCTING LAYOUT
SITE PLAN

Scale:	Date:	Project No.:	Revision:
1:250 @A1	02.02.26	25–150	T
Originator: ZA	Checked: PH	Approved: SK	Drawing No.: 60–S1

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