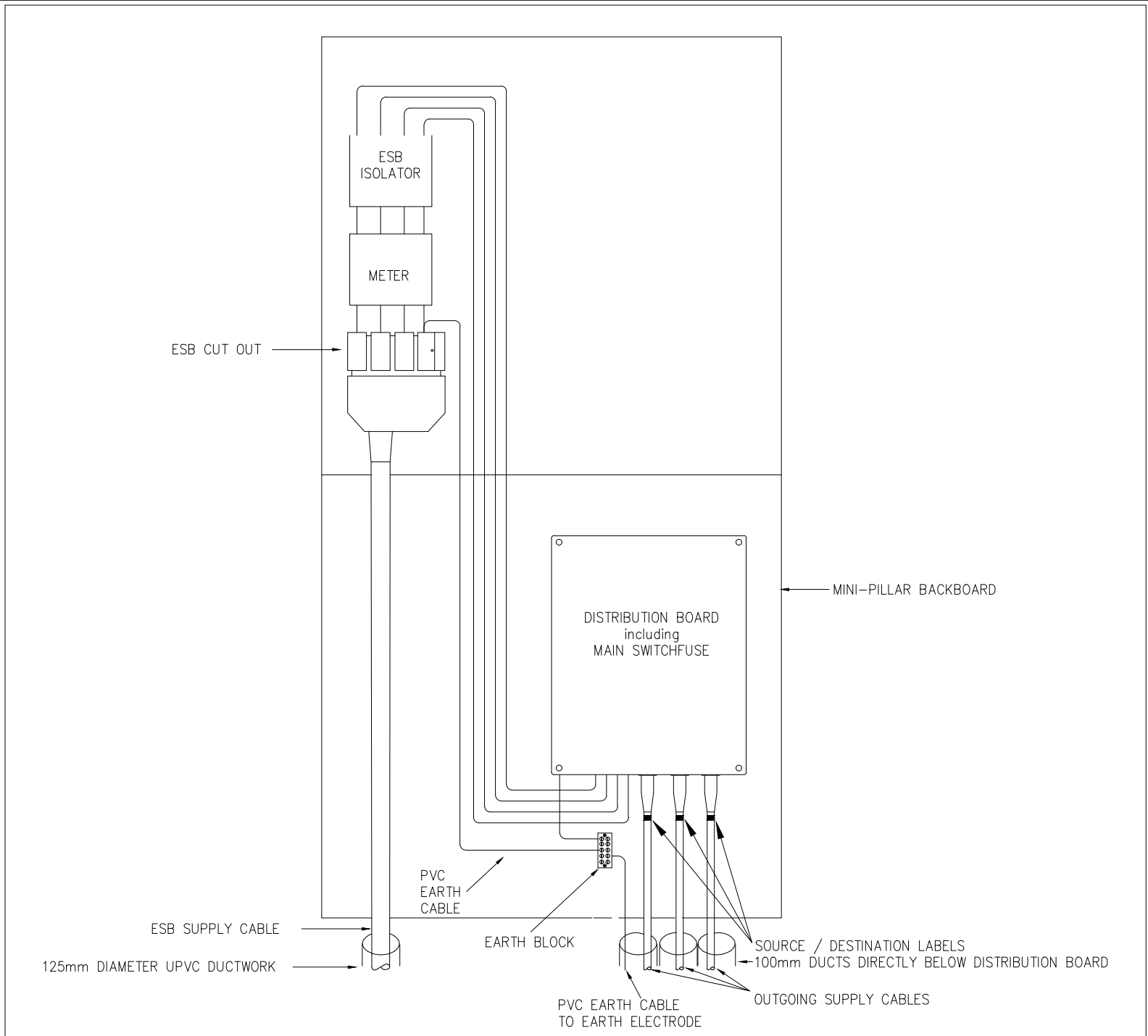
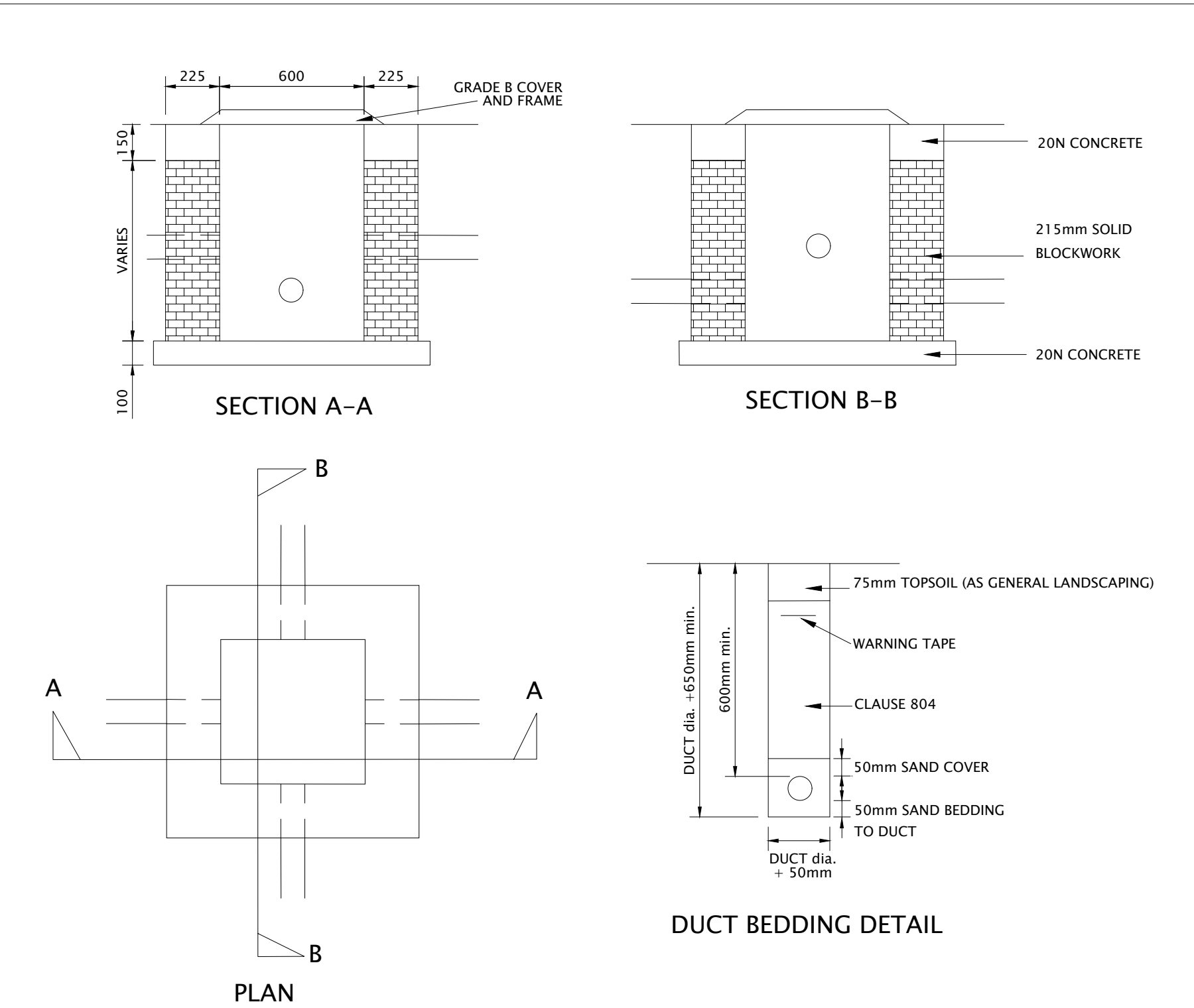




METERED MINI-PILLAR ARRANGEMENT

- NOTES:
- The mini-pillar shall be constructed from galvanised steel.
 - The mini-pillar backboard shall be constructed from 15mm marine grade ply.
 - Before installation of electrical equipment the mini-pillar backboard shall be treated with a moisture repellent clear lacquer.
 - All switchfuses shall be provided with BS88 Part II fuse links, rated according to the Engineers requirements.
 - All distribution boards shall incorporate BS88 Part II fuse links in each available outgoing circuit. The fuse links shall be rated according to the Engineers requirements.
 - The contractor shall include for all interconnecting wiring and accessories.
 - All interconnecting wiring shall be PVC/PVC insulated.
 - PVC/PVC insulated copper tails intended for connection to ESB equipment shall be a minimum of 1 metre in length.
 - An earth assembly incorporating a 10 mm diameter bolt, locknuts and washers shall be installed on the side of the mini-pillar shell above ground level.
 - All equipment shall be bonded to a dedicated brass earth block.
 - All electrical equipment shall be housed in heavy duty plastic or other non-corroding material.
 - Cable identification markers shall be installed on all outgoing cables.
 - All electrical equipment shall be labelled.
 - A laminated schematic diagram of all the outgoing circuits from the mini-pillar shall be fixed to the inside of the mini-pillar door.
 - A plastic engraved label with 20mm high black lettering and yellow background shall be fixed to the outside of the mini-pillar door. The legend shall read "DANGER 230V" or "DANGER 400V" on line one and "Feeder Pillar no.***" on line 2.



- NOTE:
- DEPTH OF CHAMBER DETERMINED BY DUCT DEPTH. DUCT ENTRY TO CHAMBER TO BE 200mm min. ABOVE FLOOR.
 - SEE SPECIFICATION FOR BACKFILLING AND REINSTATEMENT DETAILS.

CABLE ACCESS CHAMBER And Ducting Trench Detail



	Luminaire A
Supplier	C U Phosco
Type	P852-12-F3-WW-CA1000-38W
Lamp(s)	730C WW
Lamp Flux (klm)	4.02
Maintenance Factor	0.76
No. in Project	15

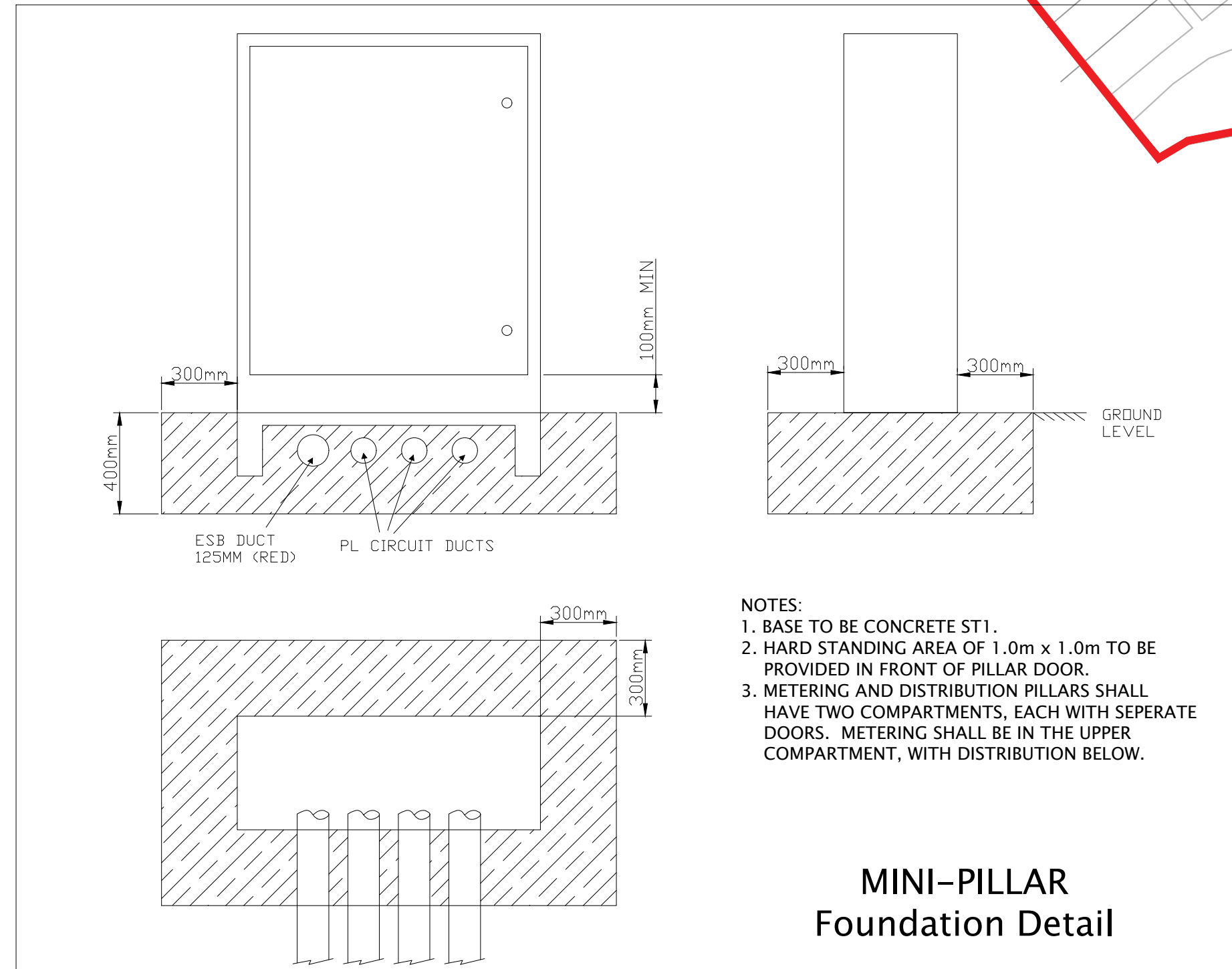
- General Notes:**
- This drawing is the property of RPS Group PLC, it is a confidential document and must not be copied, used, or its content divulged without prior written consent.
 - Verifying Dimensions - The contractor shall verify dimensions against such other drawings or site conditions as pertain to this part of the work.
 - Existing Services. Any information concerning the location of existing services indicated on this drawing is intended for general guidance only. it shall be the responsibility of the contractor to determine and verify the exact horizontal and vertical alignment of all cables, pipes, etc. (both underground and overhead) before work commences.
 - Issue of Drawings. Hard copies, dwf and pdf will form a controlled issue of the drawings. All other formats (dwg, dxf etc.) are deemed to be an uncontrolled issue and any work carried out based on these files is at the recipients own risk. RPS will not accept any responsibility for any errors arising from the use of these files, either by human error by the recipient, listing of un-dimensioned measurements, compatibility issues with the recipient's software, and any errors arising when these files are used to aid the recipients drawing production, or setting out on site.
 - Datum: Ordnance Survey Datum, Malin Head.
 - Drawings to be read in conjunction with all other relevant Engineers drawings and specifications. Report all discrepancies to the Designer before proceeding.
 - Refer to Architects drawings for all setting out, finishes, insulation, DPC, DPM, Radon protection details, Cladding, etc.
 - Only use dimensions shown. Do not scale.
 - All details to be read in conjunction with Architects details & drawings.
 - Levels - S.F.L denotes structural finish level.
 - Engineer to be informed by the contractor of any discrepancies before any work commences.
 - Co-ordination between specialists is the responsibility of the main contractor. Any work carried out without adequate co-ordination is at the main contractors risk.

Additional Notes:

LEGEND

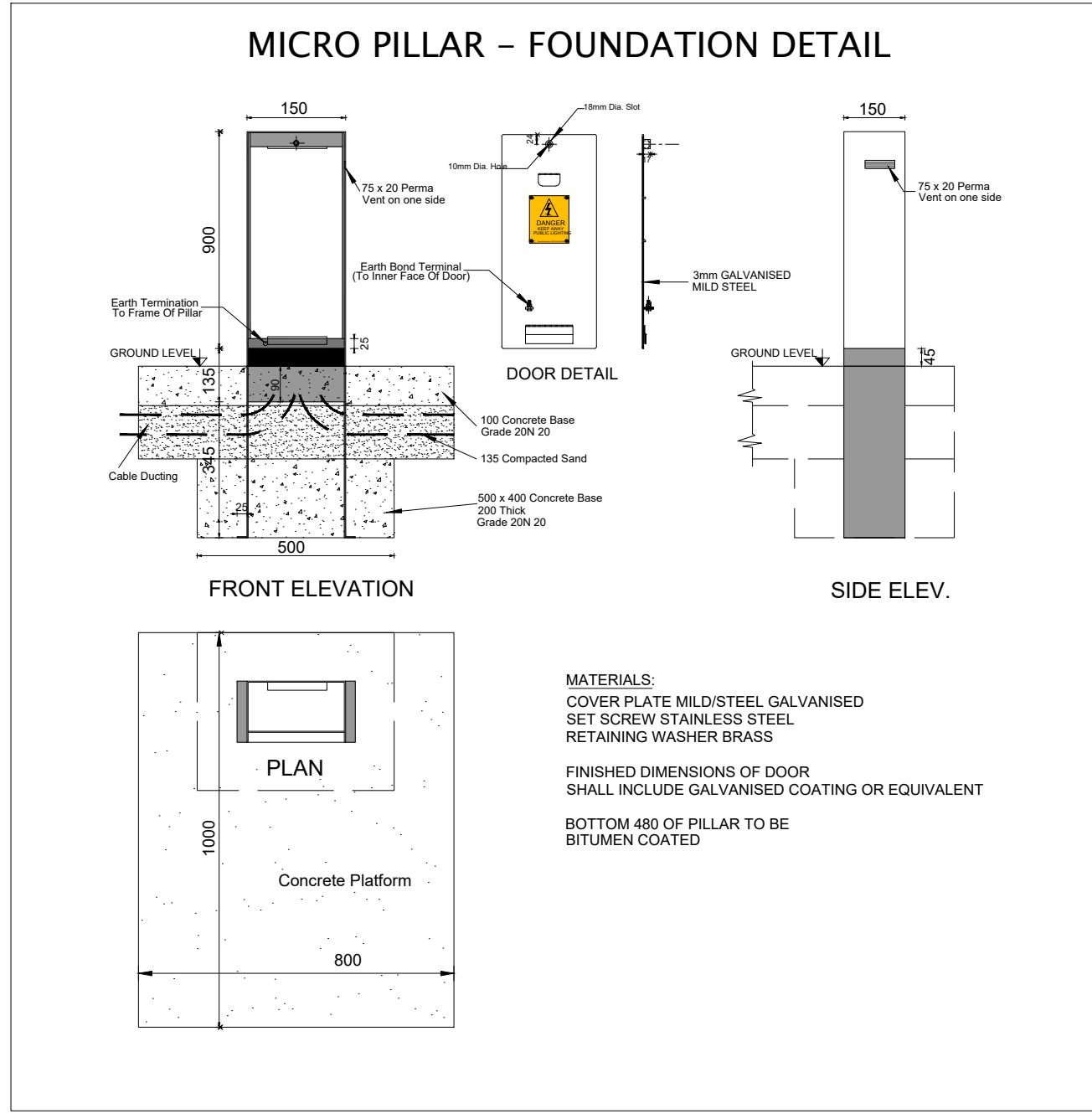
- ESB** ESB proposed / existing mini pillar & chamber for power supply
- Public lighting micro pillar**
- Cable draw chamber - (refer to detail sheet 2 of 2)**
- PL** 2 no 100mm Ø propriety public lighting cable duct (1 no spare)
- Earth rod and pit c/w proprietary chamber**
- 4 no. 100mmØ ducts - 2 no proprietary public lighting + 2 no spare**
- #1A 06m** Type A 4klm lantern on new 06m column.

Grid 1
Results - Horizontal Illuminance (lux)
Eav= 5.54
Emin= 1.25
Emax= 11.83
Emin/Emax= 0.11
Emin/Eav= 0.22
Emax/Eav= 2.13



- NOTES:
- BASE TO BE CONCRETE ST1.
 - HARD STANDING AREA OF 1.0m x 1.0m TO BE PROVIDED IN FRONT OF PILLAR DOOR.
 - METERING AND DISTRIBUTION PILLARS SHALL HAVE TWO COMPARTMENTS, EACH WITH SEPERATE DOORS. METERING SHALL BE IN THE UPPER COMPARTMENT, WITH DISTRIBUTION BELOW.

MINI-PILLAR Foundation Detail



MATERIALS:
COVER PLATE MILD/STEEL GALVANISED
SET SCREW STAINLESS STEEL
RETAINING WASHER BRASS

FINISHED DIMENSIONS OF DOOR SHALL INCLUDE GALVANISED COATING OR EQUIVALENT

BOTTOM 480 OF PILLAR TO BE BITUMEN COATED

Rev:	Description:	By:	App:	Date:
PO3	Issue for Stage Approval	JO	TJ	01.09.21
Latest Revision Changes:				
Project Managers, Civil & Structural, M&E, PSDP & BCAR:				
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Architects:				
COADY ARCHITECTS				
Client:				
Project:				
Keeraun Social Housing Galway CC				
Title:				
SITE UTILITIES- PROPOSED PUBLIC LIGHTING LAYOUT				
Model File Identifier:				
N/A				
Drawing Number:				
MGC0716-RPS-00-XX-DR-E-PL0001				
Drq Scale:	Status:	Rev:		
1:500 @ A1	S4	P03		
Drawn By:	Design By:	Checked By:	Approved By:	
BOM	IS	TJ	MD	