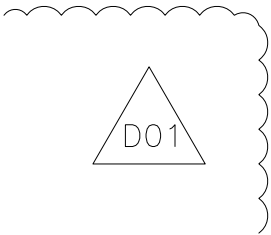
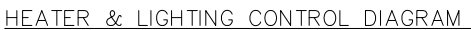


DISTRIBUTION AND LIGHTING PANELS SINGLE LINE DIAGRAM												NOTES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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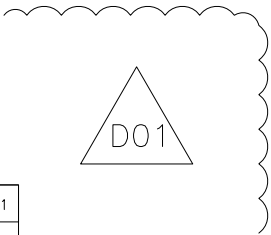


PROCESS AREA NORMAL LIGHTING PANEL

IP CODE	
CANOPY	

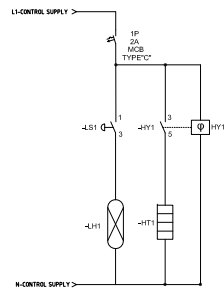


(VENDOR TITLE BLOCK)**

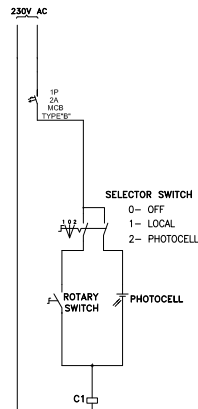
[illegible]

PROCESS AREA EMERGENCY LIGHTING PANEL

INSTALLATION	OUTDOOR
SHEET THICKNESS	2 mm
COLOR	RAL 7032
ACCESSIBILITY	FRONT
INC CONNECTION	BOTTOM
OUT CONNECTIONS	BOTTOM
INSTALLATION TYPE	SURFACE MOUNTED STANDING
IP CODE	IP 55
CANOPY	YES

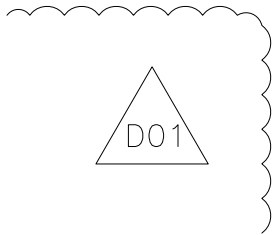


HEATER & LIGHTING CONTROL DIAGRAM



PHOTOCELL CONTROL DIAGRAM STREET LIGHTING

[illegible]



UTILITY AREA NORMAL LIGHTING PANEL

230V AC

1P
2A
MCB
TYPE 'B'

SELECTOR SWITCH

0- OFF
1- LOCAL
2- PHOTOCELL

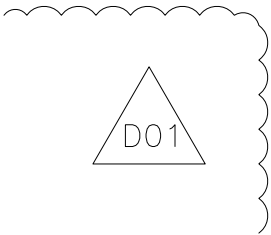
PHOTOCELL

ROTARY SWITCH

C1

[illegible]

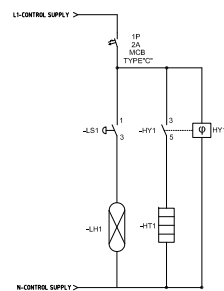
(VENDOR TITLE BLOCK)**



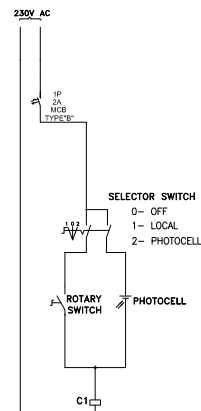
FEEDER ID	INCOMING	F1	F2	F3	F4	F5	F6	F7	F8	F9
LINE	L1, L2, L3	L1	L2	L3	L1	L2	L3	L1	L2	L3
DEMAND LOAD	3.824KW	36 W	18 W	18 W	126 W	126 W	2000 W	1500 W	–	–
CONSUMER LOAD (W)	–	2N0. FLC	1N0. FLC	1N0. FLC	7N0. FLC	7N0. FLC	8N0. HB	6N0. HB	SPARE	SPARE
CABLE / SIZE – TYPE	Cu/XLPE/Bd/SWA/PVC 4CX10	Cu/XLPE/SWA/PVC 3X6	Cu/XLPE/SWA/PVC 3X6	Cu/XLPE/SWA/PVC 3X6	Cu/XLPE/SWA/PVC 3X6	Cu/XLPE/SWA/PVC 3X6	Cu/PVC/PVC 3X4	Cu/PVC/PVC 3X4	–	–

UTILITY AREA EMERGENCY LIGHTING PANEL

INSTALLATION	OUTDOOR
SHEET THICKNESS	2 mm
COLOR	RAL 7032
ACCESSIBILITY	FRONT
INC CONNECTION	BOTTOM
OUT CONNECTIONS	BOTTOM
INSTALLATION TYPE	SURFACE MOUNTED STANDING
IP CODE	IP 55
CANOPY	YES

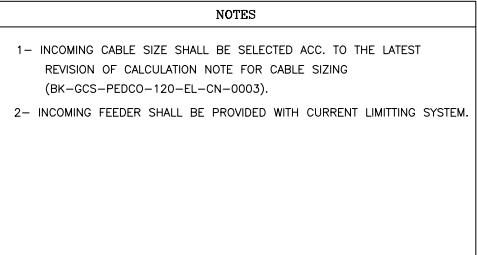


HEATER & LIGHTING CONTROL DIAGRAM

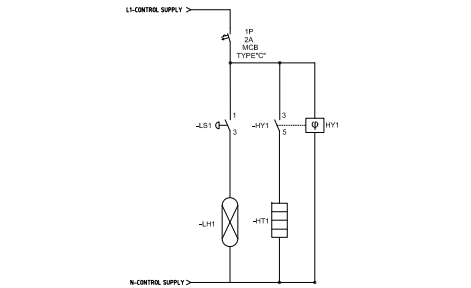


PHOTOCELL CONTROL DIAGRAM
STREET LIGHTING

[illegible]



LEGEND	
	AUTOMATIC CIRCUIT BREAKER MCCB WITH THERMAL MAGNET 4 POLE
	MINIATURE CIRCUIT BREAKER
	RCBO, RESIDUAL CIRCUIT BREAKER WITH OVER CURRENT PROTECTION
	PHOTO CELL
	FUSE
	SIGNAL LAMP
	HYGROSTAT
	
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR DISTRIBUTION & LIGHTING PANELS	BK-GNRL-PEDCO-000-EL-SP-0013
LIGHTING & SMALL POWER LAYOUT FOR BUILDING & SHELTER	BK-GCS-PEDCO-120-EL-PY-0004
AREA LIGHTING & SMALL POWER LAYOUT	BK-GCS-PEDCO-120-EL-PY-0003
DATA SHEETS FOR DISTRIBUTION & LIGHTING PANELS	BK-GCS-PEDCO-120-EL-DT-0016



230V AC

1P
2A
MCB
TYPE "B"

SELECTOR SWITCH

0 - OFF
1 - LOCAL
2 - PHOTOCELL

ROTARY SWITCH

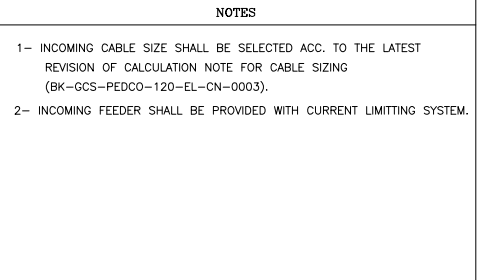
PHOTOCELL

C1

PHOTOCELL CONTROL DIAGRAM
STREET LIGHTING

CONTROL ROOM EMERGENCY DISTRIBUTION PANEL & HVAC

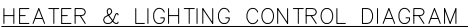
[illegible]



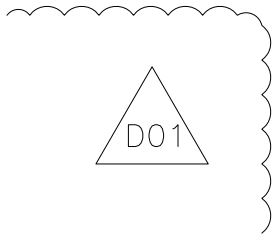
LEGEND	
	AUTOMATIC CIRCUIT BREAKER MCCB WITH THERMAL MAGNET 4 POLE
	MINIATURE CIRCUIT BREAKER
	RCBO, RESIDUAL CIRCUIT BREAKER WITH OVER CURRENT PROTECTION
	PHOTO CELL
	FUSE
	SIGNAL LAMP
	HYGROSAT
	

REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR DISTRIBUTION & LIGHTING PANELS	BK-GNRL-PEDCO-000-EL-SP-0013
LIGHTING & SMALL POWER LAYOUT FOR BUILDING & SHELTER	BK-GCS-PEDCO-120-EL-PY-0004
AREA LIGHTING & SMALL POWER LAYOUT	BK-GCS-PEDCO-120-EL-PY-0003
DATA SHEETS FOR DISTRIBUTION & LIGHTING PANELS	BK-GCS-PEDCO-120-EL-DT-0016

KEY PLAN



(VENDOR TITLE BLOCK)**

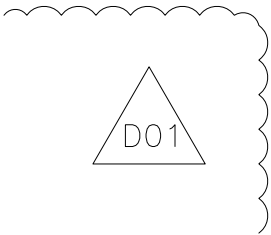


EMERGENCY DISTRIBUTION PANEL FOR NON UPS



پ میباند

(VENDOR TITLE BLOCK)**



NOTES	
1- INCOMING CABLE SIZE SHALL BE SELECTED ACC. TO THE LATEST REVISION OF CALCULATION NOTE FOR CABLE SIZING (BK-GCS-PEDCO-120-EL-CN-0003).	
2- INCOMING FEEDER SHALL BE PROVIDED WITH CURRENT LIMITTING SYSTEM.	
LEGEND	
	AUTOMATIC CIRCUIT BREAKER MCCB WITH THERMAL MAGNET 4 POLE
	MINIATURE CIRCUIT BREAKER
	RCBO, RESIDUAL CIRCUIT BREAKER WITH OVER CURRENT PROTECTION
	PHOTO CELL
	FUSE
	SIGNAL LAMP
	HYGROSTAT
	
REFERENCE DRAWING	DRG. No.
SPECIFICATION FOR DISTRIBUTION & LIGHTING PANELS	BK-GNRL-PEDCO-000-EL-SP-0013
LIGHTING & SMALL POWER LAYOUT FOR BUILDING & SHELTER	BK-GCS-PEDCO-120-EL-PY-0004
AREA LIGHTING & SMALL POWER LAYOUT	BK-GCS-PEDCO-120-EL-PY-0003
DATA SHEETS FOR DISTRIBUTION & LIGHTING PANELS	BK-GCS-PEDCO-120-EL-DT-0016

KEY PLAN

230V AC

1P
2A
MCB
15A

SELECTOR SWITCH

0 - OFF
1 - LOCAL
2 - PHOTOCELL

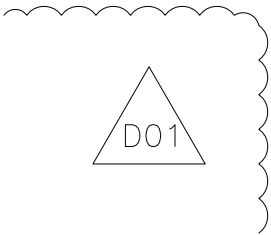
PHOTOCELL

ROTARY SWITCH

C1

PHOTOCELL CONTROL DIAGRAM
STREET LIGHTING

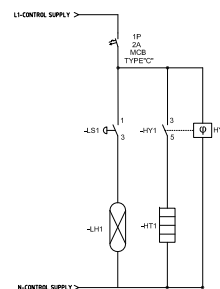
[illegible]



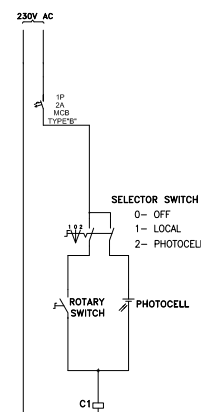
FEEDER ID	INCOMING	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
LINE	L1, L2, L3	L1	L2	L1	L2	L3	L1	L2	L3	L1	L2	L3	L1
DEMAND LOAD	11.639 KW	350 W	163 W	126 W	—	3000 W	2000 W	2000 W	2000 W	2000 W	—	—	—
CONSUMER LOAD (W)	—	10N0. LED	1N0. EXT 02N0. LED 03N0. DOWN LIGHT 01N0. FAN	07N0. IL	SPARE	6N0. SC	04N0. SC	01N0.SPLIT	01N0.SPLIT	01N0.SPLIT	SPARE	SPARE	SPARE
CABLE/ SIZE—TYPE	CU/XLPE/SWA/PVC 4X35	CU/PVC/PVC 3X2.5	CU/PVC/PVC 3X2.5	CU/PVC/PVC 3X2.5	—	CU/PVC/PVC 3X4	CU/PVC/PVC 3X4	CU/PVC/PVC 3X4	CU/PVC/PVC 3X4	CU/PVC/PVC 3X4	—	—	—

EMERGENCY LIGHTING PANEL FOR CCTV CONTROL ROOM- BINAK DU

INSTALLATION	OUTDOOR
SHEET THICKNESS	2 mm
COLOR	RAL 7032
ACCESSIBILITY	FRONT
INC CONNECTION	BOTTOM
OUT CONNECTIONS	BOTTOM
INSTALLATION TYPE	FLUSH MOUNTED
IP CODE	IP 42
CANOPY	YES

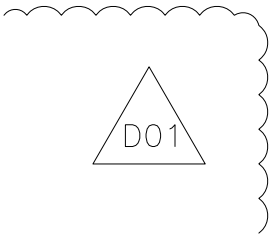


HEATER & LIGHTING CONTROL DIAGRAM



PHOTOCELL CONTROL DIAGRAM
STREET LIGHTING

[illegible]

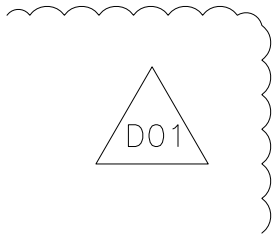


EMERGENCY LIGHTING PANEL FOR CCTV RACK ROOM– BINAK PU

HEATER & LIGHTING CONTROL DIAGRAM



(VENDOR TITLE BLOCK)**



EMERGENCY LIGHTING PANEL FOR GCS WAREHOUSE

HEATER & LIGHTING CONTROL DIAGRAM

[illegible]