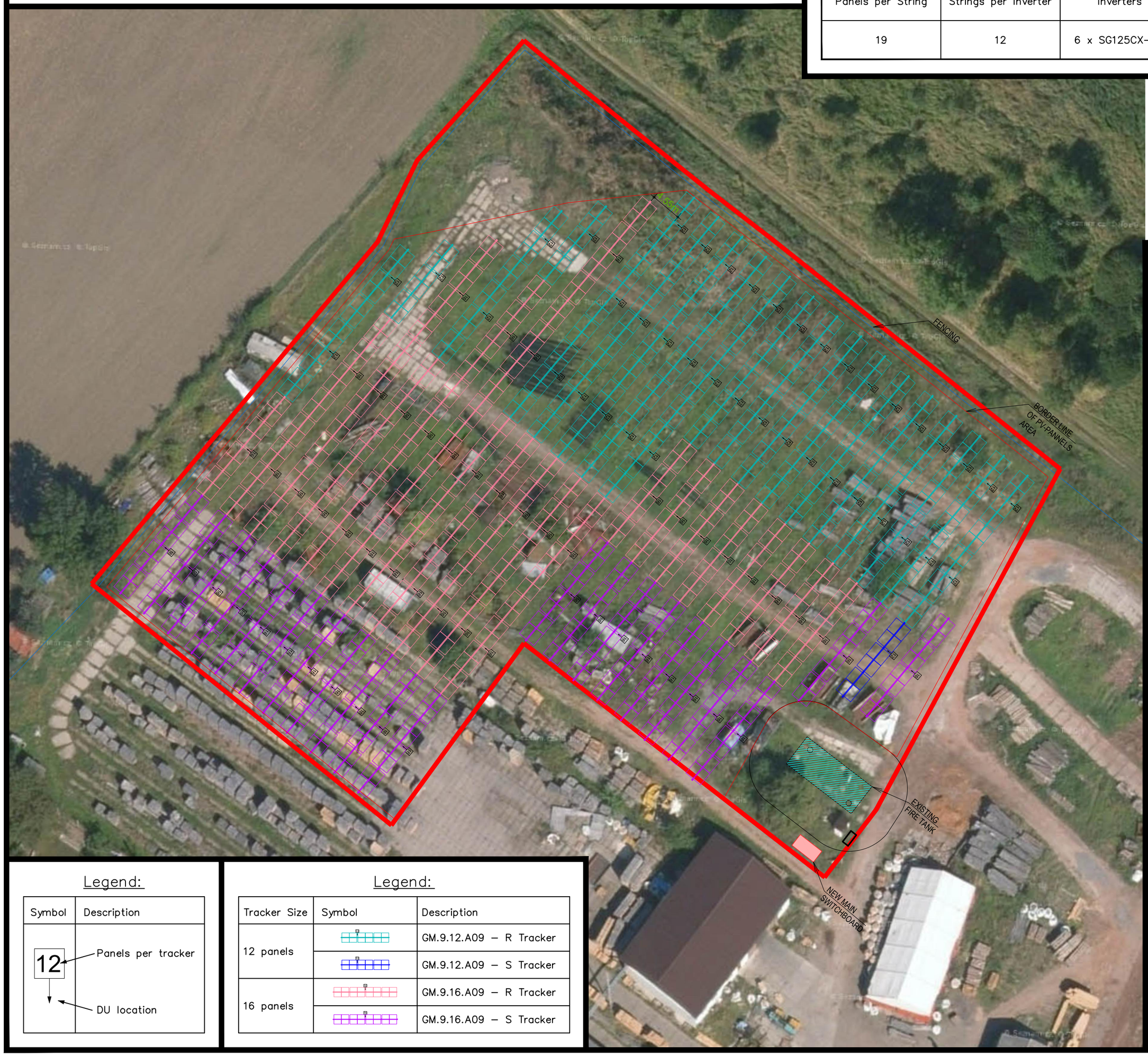
PV Panels per Tracker	No. of Trackers	Module Wp	PV Panels Total	Capacity kWp DC
12	42	605	504	304.92
16	54	605	864	522.72
Pitch: 4.55m		Total:	1368	827.64

Num of PV Modules	Module Type	Module Power	DC Power	Pitch
1368	EGING PV EG-605M60-HU/BF-DG	605W	827.64kWp	4.55m

Panels per String	Strings per Inverter	Inverters	AC Power
19	12	6 x SG125CX-P2	750kW



N

Azimuth: 38°

SolarGIK LTD.
Emek Refaim 48
Jerusalem / 9314205
Israel

Solargik

MODIFICATIONS:

REV	DATE	DESCRIPTION
01	04.07.23	Layout
02	16.08.23	I&C Plans
03	27.09.23	Tracker Update
04	19.10.23	Update set + pylons
05	05.11.23	Update AP4 location

PROJECT NAME
25 Energy Benko

PROJECT NO.
062-25B

SITE
Benko Kopidlno

SHEET TITLE
Plan View

SHEET NO.
02

DOC ID#
062-25B-LAY-D-516

CO-ORDINATES
15.260°E, 50.337°N

CLIENT 25 Energy

DISCIPLINE Architecture

SCALE 1:500 | SIZE 400x350mm

DATE 05.11.23 | REV 05

DRAWN Aharon Z.

DESIGNED Aharon Z.

APPROVED

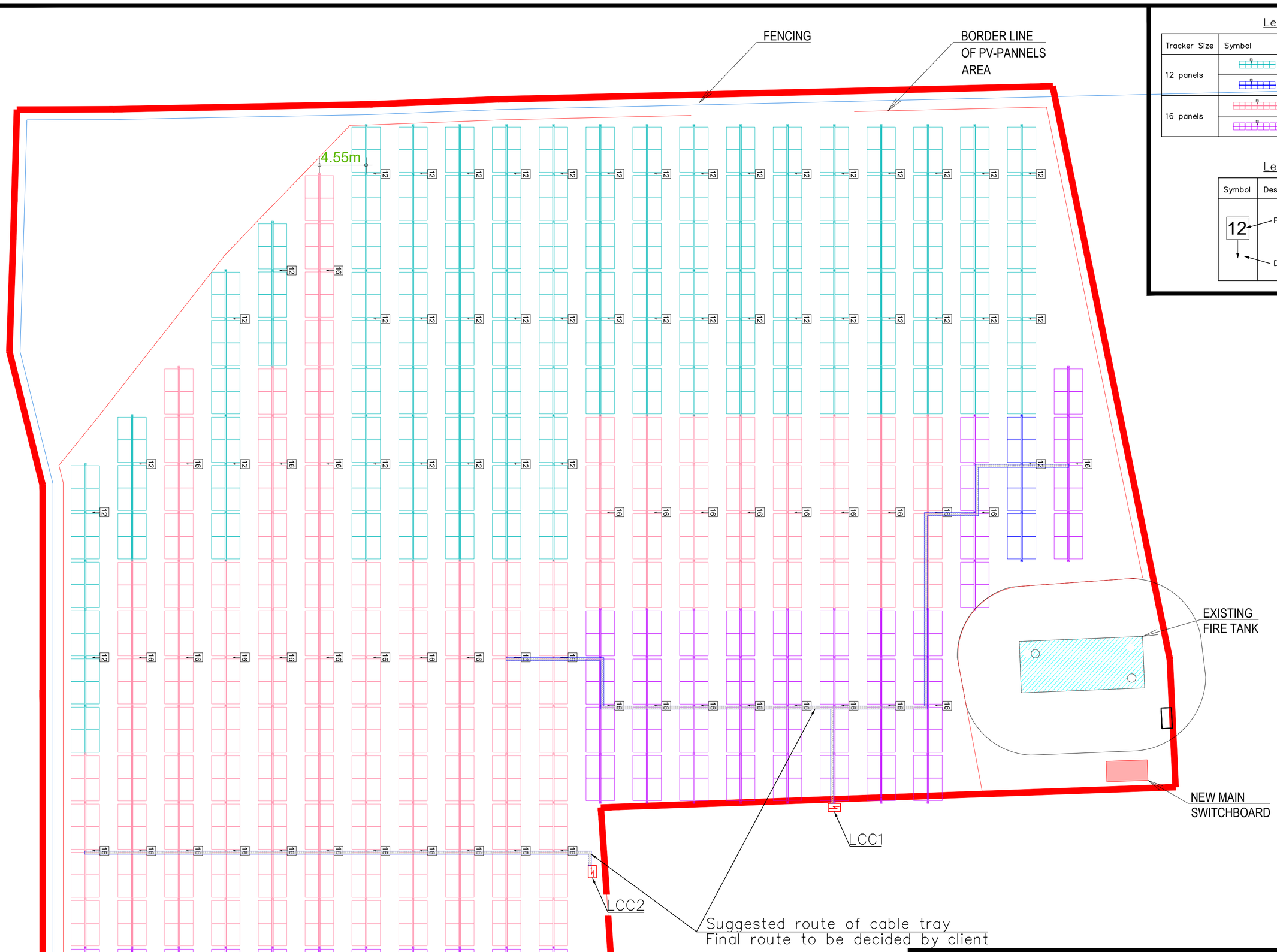
Review: ■ Execution: □

Legend:

Symbol	Description
12	Panels per tracker
	DU location

Legend:

Tracker Size	Symbol	Description
12 panels		GM.9.12.A09 – R Tracker
		GM.9.12.A09 – S Tracker
16 panels		GM.9.16.A09 – R Tracker
		GM.9.16.A09 – S Tracker



Legend:

Tracker Size	Symbol	Description
12 panels		GM.9.12.A09 – R Tracker
		GM.9.12.A09 – S Tracker
16 panels		GM.9.16.A09 – R Tracker
		GM.9.16.A09 – S Tracker

Legend:

Symbol	Description
12	Panels per tracker
	DU location

Azimuth: 38°

PV Panels per Tracker	No. of Trackers	Module Wp	PV Panels Total	Capacity kWp DC
12	42	605	504	304.92
16	54	605	864	522.72
Pitch: 4.55m		Total:	1368	827.64

Num of PV Modules	Module Type	Module Power	DC Power	Pitch
1368	EGING PV EG-605M60-HU/BF-DG	605W	827.64kWp	4.55m

Panels per String	Strings per Inverter	Inverters	AC Power
19	12	6 x SG125CX-P2	750kW

SolarGIK LTD.
Emek Refaim 48
Jerusalem / 9314205
Israel
Solargik

MODIFICATIONS:

REV	DATE	DESCRIPTION
01	04.07.23	Layout
02	16.08.23	I&C Plans
03	27.09.23	Tracker Update
04	19.10.23	Update set + pylons
05	05.11.23	Update AP4 location

PROJECT NAME
25 Energy Benko

PROJECT NO.
062-25B

SITE
Benko Kopidlno

SHEET TITLE
Array Layout

SHEET NO.
03

DOC ID#
062-25B-LAY-D-516

CO-ORDINATES
15.260°E, 50.337°N

CLIENT 25 Energy

DISCIPLINE Architecture

SCALE 1:250 | SIZE 600x500mm

DATE 05.11.23 | REV 05

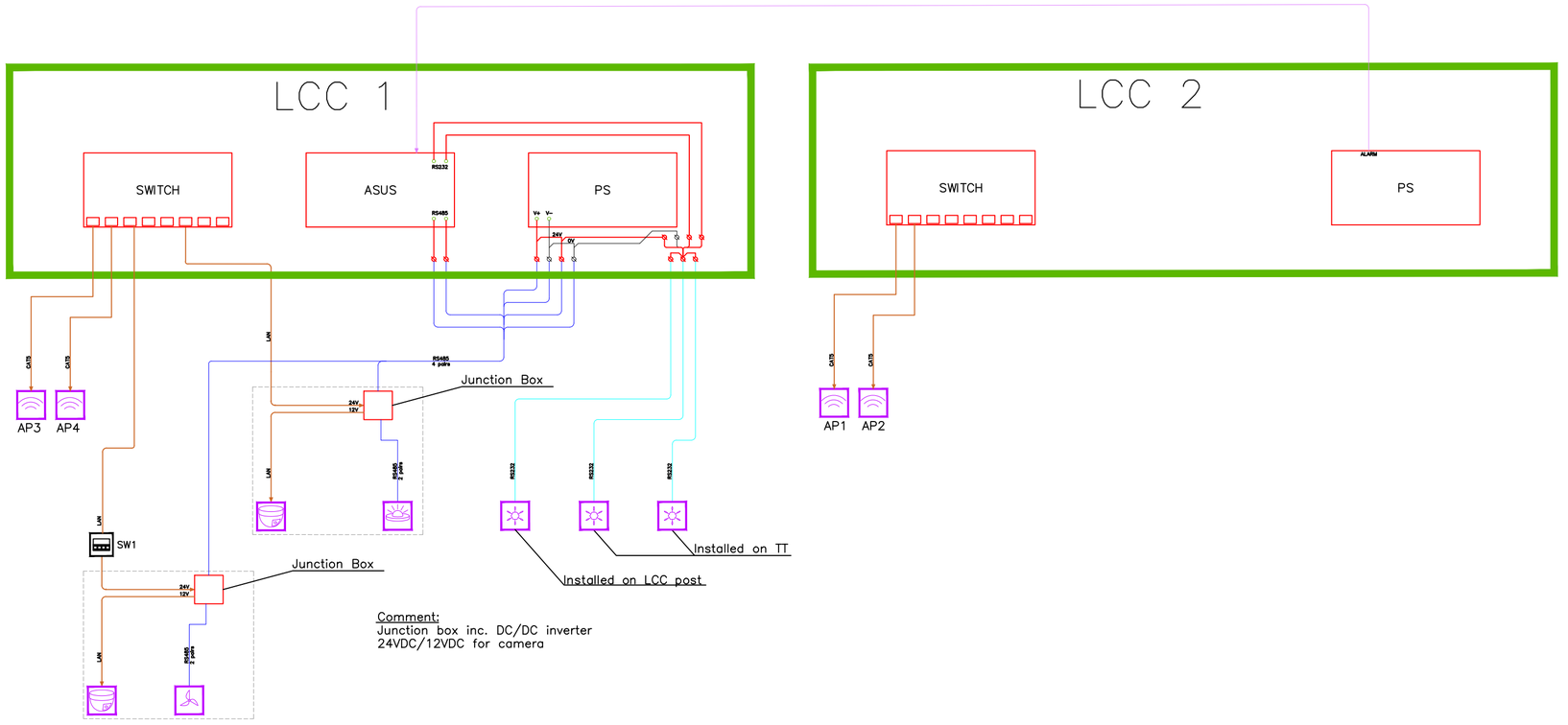
DRAWN Aharon Z.

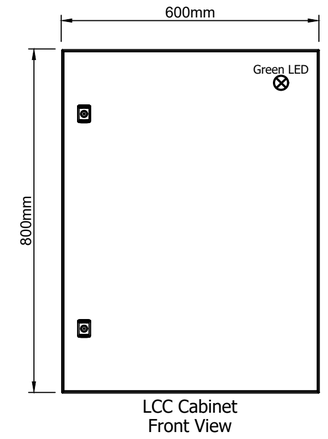
DESIGNED Aharon Z.

APPROVED

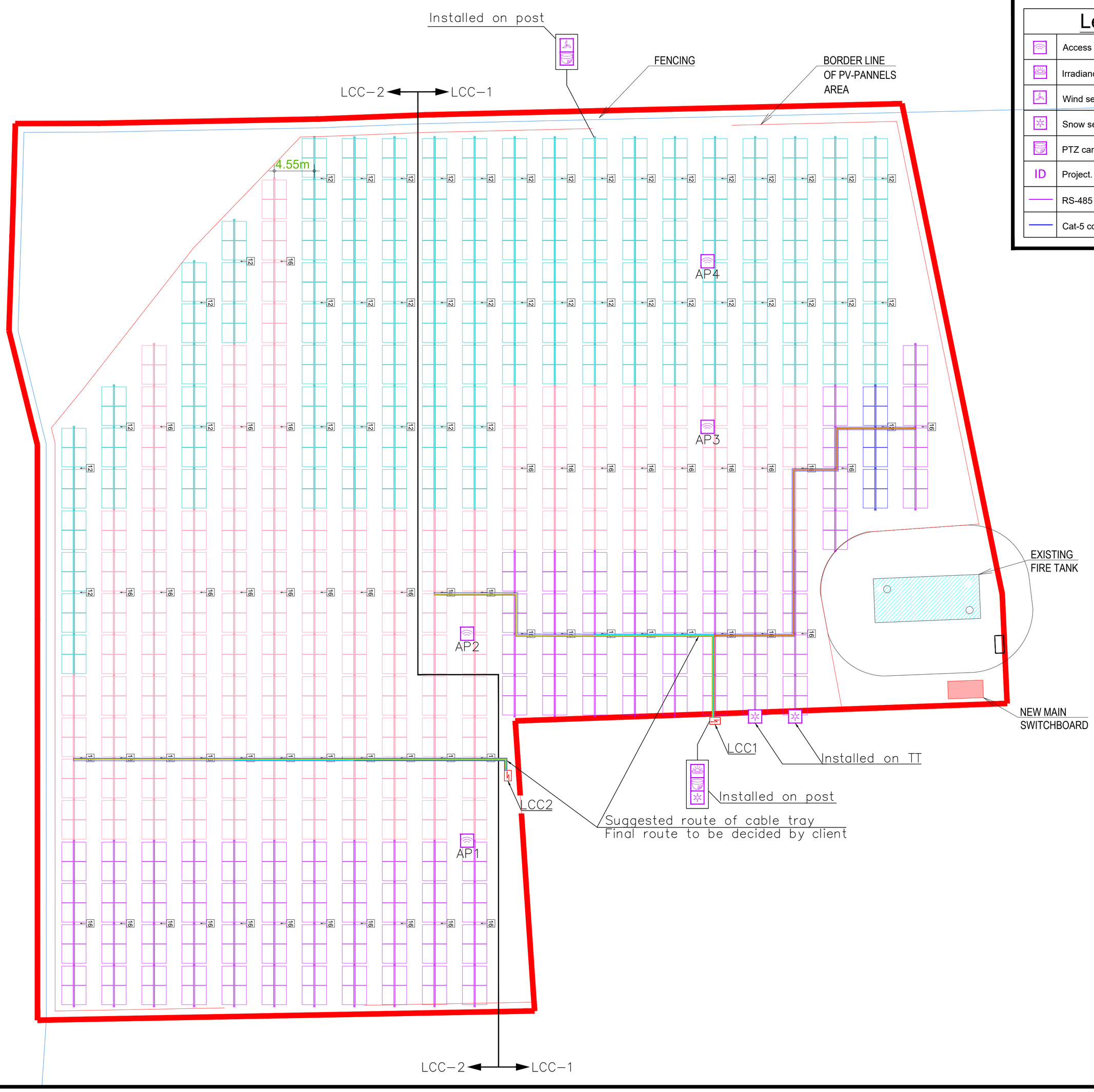
Review: ■ | Execution: □

Auxiliaries SLD





LCC Cabinet
Front View



Legend:

	Access point IP67, PoE, 2.4GHz
	Irradiance sensor
	Wind sensor
	Snow sensor
	PTZ camera
ID	Project. Sub. Row. Index
	RS-485 communication cables
	Cat-5 communication cables

Azimuth: 38°

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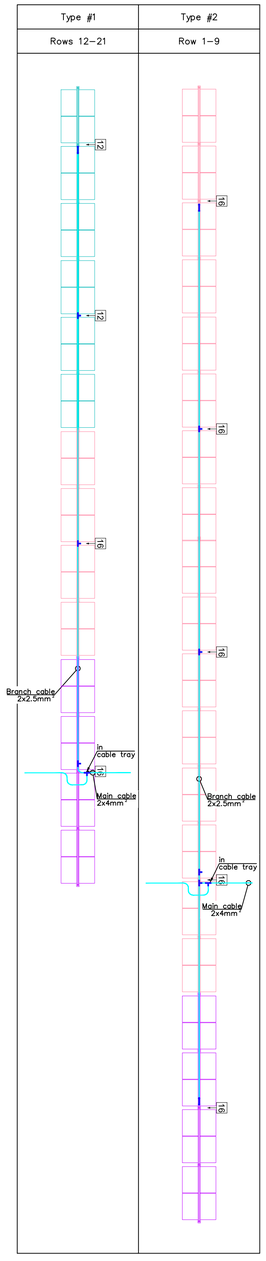
Solargik

MODIFICATIONS:		
REV	DATE	DESCRIPTION
01	04.07.23	Layout
02	16.08.23	I&C Plans
03	27.09.23	Tracker Update
04	19.10.23	Update set + pylons
05	05.11.23	Update AP4 location

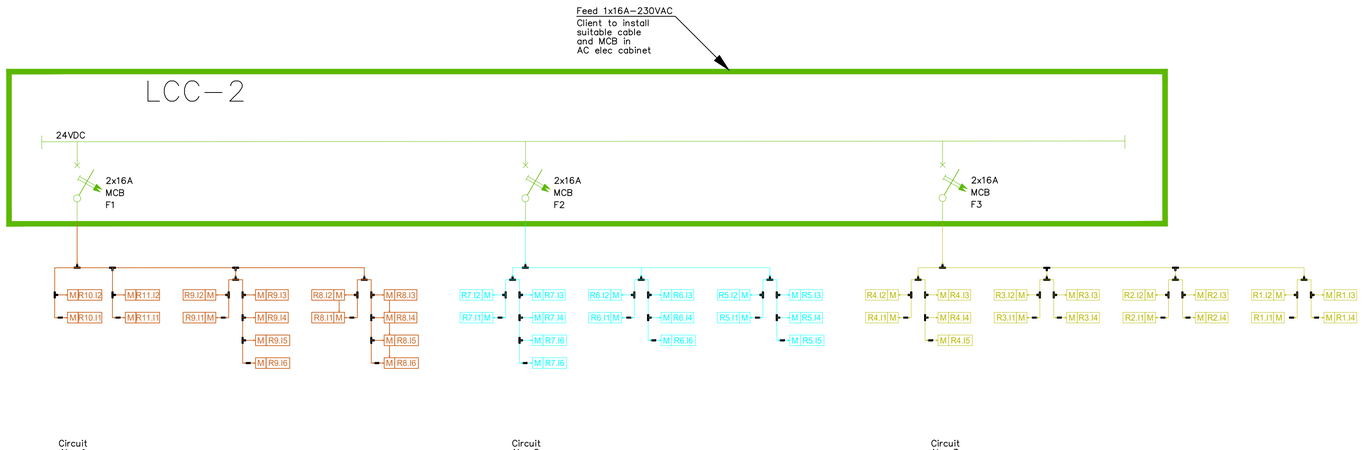
PROJECT NAME: 25 Energy Benko
PROJECT NO.: 062-25B
SITE: Benko Kopidlno
SHEET TITLE: Auxiliaries
SHEET NO.: 07
DOC ID#: 062-25B-DEC-D-638
CO-ORDINATES: 15.260°E, 50.337°N
CLIENT: 25 Energy
DISCIPLINE: I&C
SCALE: 1:250
SIZE: 600x700mm
DATE: 05.11.23
REV: 05
DRAWN: Aharon Z.
DESIGNED: Yossi A.
APPROVED
Review: ■ Execution: □

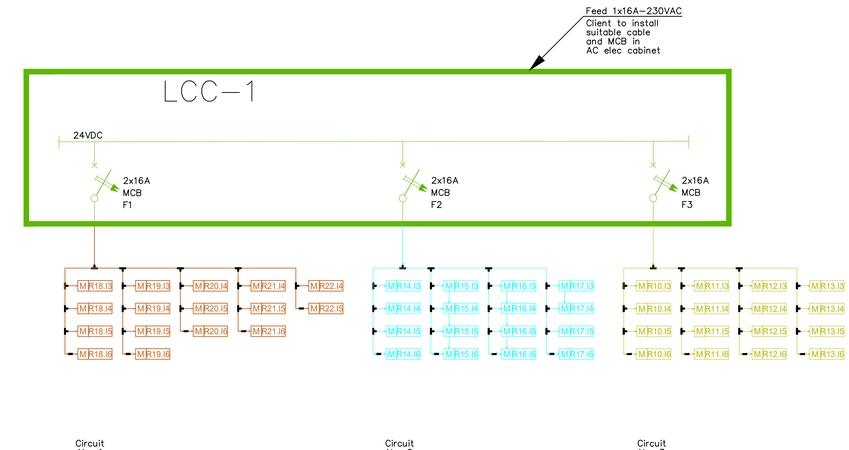
Cabling and Connectors

Scale - 1:250



Single Line Diagrams for Drive Unit Feed





Comments:
1. DC Drive Unit feed cables to be installed in electric conduits together with PV.
2. DC Cables 2x4mm² N2XY with insulation 750V min. or installed in separate conduit.

Legend:

Symbol	Description
12	Panels per tracker
	DU location

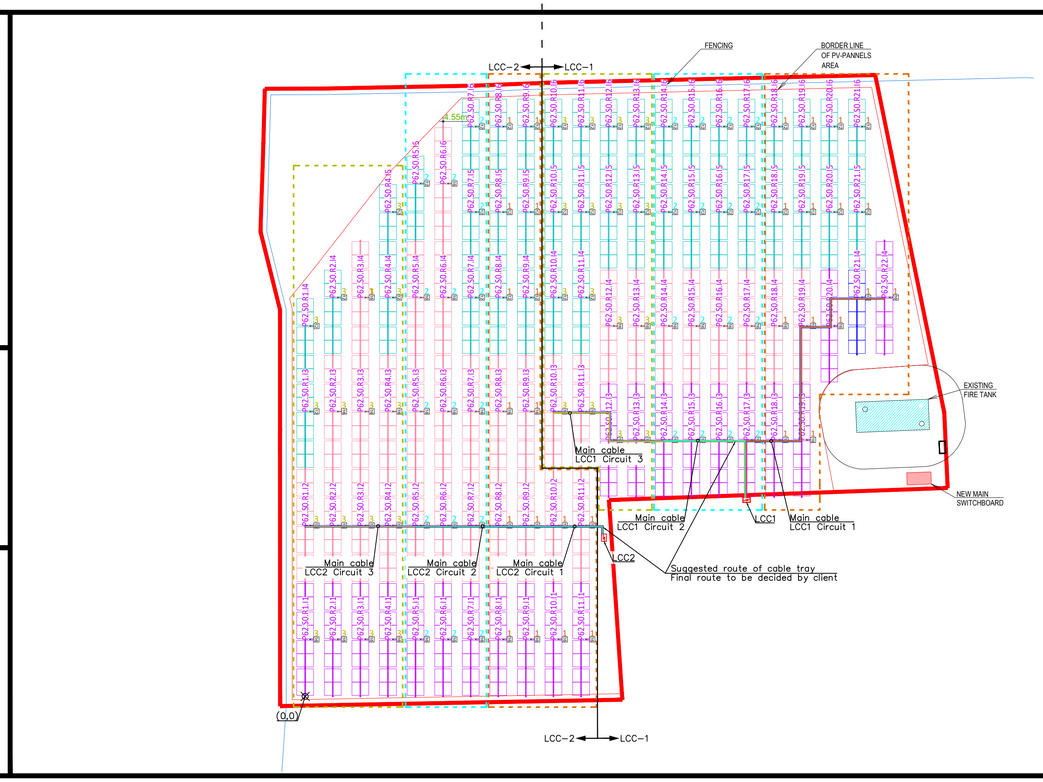
Legend:	
1	Circuit no. for DU feed

Legend:

Symbol	Description
—	I–Connector
⊤	T–Connector

Legend:

Colour	Description
	Route of main cable – Circuit 1
	Route of main cable – Circuit 2
	Route of main cable – Circuit 3



Azimuth: 38°

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Emek Refaim 48
Jerusalem / 9314205
Israel

Solargik

MODIFICATIONS:		
REV	DATE	DESCRIPTION
01	04.07.23	Layout
02	16.08.23	I&C Plans
03	27.09.23	Tracker Update
04	19.10.23	Update set + pylons
05	05.11.23	Update AP4 location

PROJECT NAME: 25 Energy Benko

PROJECT NO.: 062-25B

SITE: Benko Kopidlno

SHEET TITLE: DU Feed

SHEET NO.: 08

DOC ID#: 062-25B-DEC-D-638

CO-ORDINATES: 15.260°E, 50.337°N

CLIENT: 25 Energy

DISCIPLINE: I&C

SCALE: 1:500 | SIZE: 850x500mm

DATE: 05.11.23 | REV: 05

DRAWN: Aharon Z.

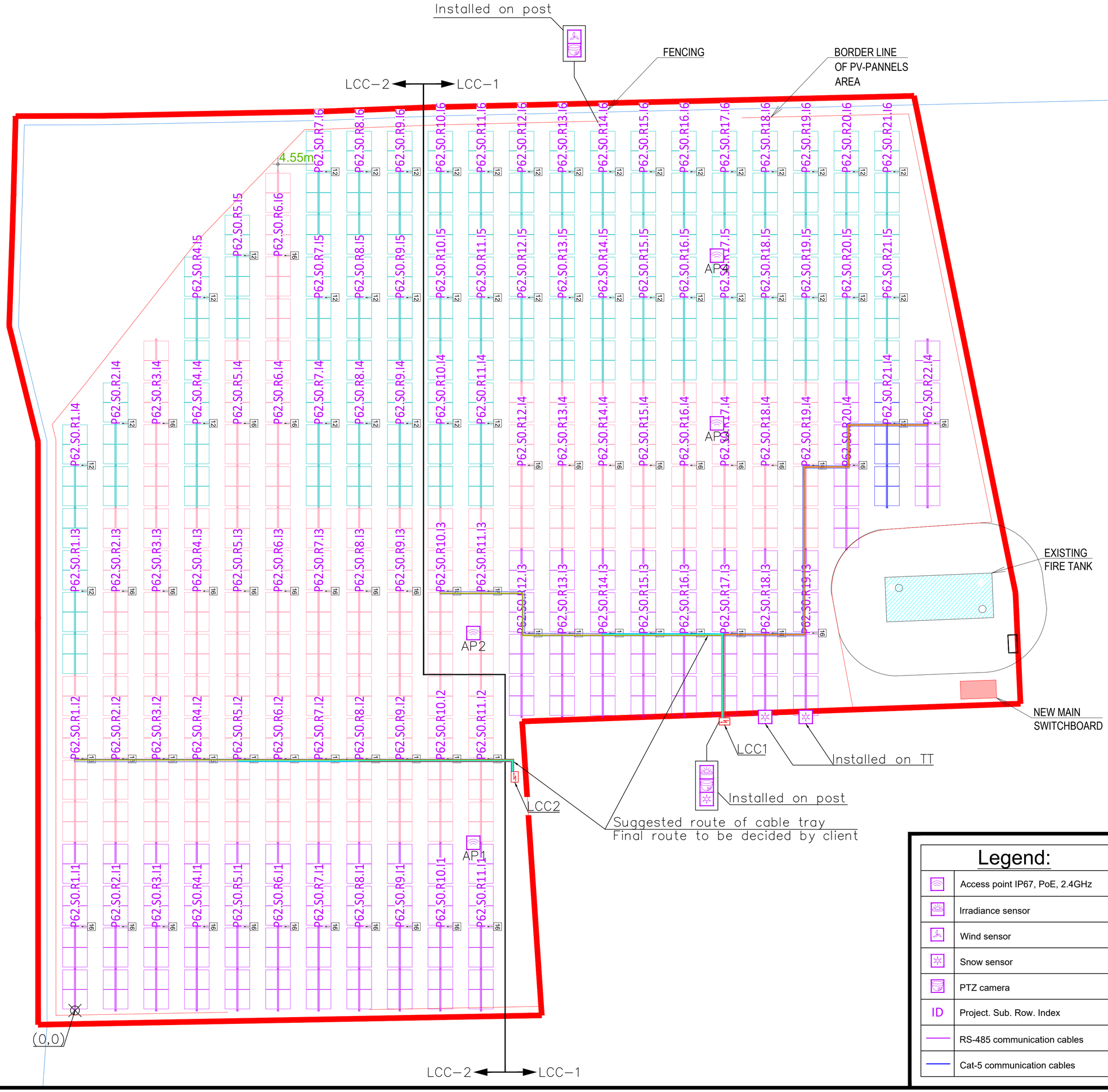
DESIGNED: Yossi A.

APPROVED

Review: ■ | Execution: □

DU		
Contents	X co-ordinate	Y co-ordinate
P62.S0.R1.I1	0.0000	9.4000
P62.S0.R1.I2	0.0000	28.2000
P62.S0.R1.I3	0.0000	47.0000
P62.S0.R1.I4	0.0000	61.1000
P62.S0.R10.I1	40.9500	9.4000
P62.S0.R10.I2	40.9500	28.2000
P62.S0.R10.I3	40.9500	47.0000
P62.S0.R10.I4	40.9500	65.8000
P62.S0.R10.I5	40.9500	79.9000
P62.S0.R10.I6	40.9500	94.0000
P62.S0.R11.I1	45.5000	9.4000
P62.S0.R11.I2	45.5000	28.2000
P62.S0.R11.I3	45.5000	47.0000
P62.S0.R11.I4	45.5000	65.8000
P62.S0.R11.I5	45.5000	79.9000
P62.S0.R11.I6	45.5000	94.0000
P62.S0.R12.I3	50.0500	42.3000
P62.S0.R12.I4	50.0500	61.1000
P62.S0.R12.I5	50.0500	79.9000
P62.S0.R12.I6	50.0500	94.0000
P62.S0.R13.I3	54.6000	42.3000
P62.S0.R13.I4	54.6000	61.1000
P62.S0.R13.I5	54.6000	79.9000
P62.S0.R13.I6	54.6000	94.0000
P62.S0.R14.I3	59.1500	42.3000
P62.S0.R14.I4	59.1500	61.1000
P62.S0.R14.I5	59.1500	79.9000
P62.S0.R14.I6	59.1500	94.0000
P62.S0.R15.I3	63.7000	42.3000
P62.S0.R15.I4	63.7000	61.1000
P62.S0.R15.I5	63.7000	79.9000
P62.S0.R15.I6	63.7000	94.0000
P62.S0.R16.I3	68.2500	42.3000
P62.S0.R16.I4	68.2500	61.1000
P62.S0.R16.I5	68.2500	79.9000
P62.S0.R16.I6	68.2500	94.0000
P62.S0.R17.I3	72.8000	42.3000
P62.S0.R17.I4	72.8000	61.1000
P62.S0.R17.I5	72.8000	79.9000
P62.S0.R17.I6	72.8000	94.0000
P62.S0.R18.I3	77.3500	42.3000
P62.S0.R18.I4	77.3500	61.1000
P62.S0.R18.I5	77.3500	79.9000
P62.S0.R18.I6	77.3500	94.0000
P62.S0.R19.I3	81.9000	42.3000
P62.S0.R19.I4	81.9000	61.1000
P62.S0.R19.I5	81.9000	79.9000
P62.S0.R19.I6	81.9000	94.0000
P62.S0.R2.I1	4.5500	9.4000
P62.S0.R2.I2	4.5500	28.2000
P62.S0.R2.I3	4.5500	47.0000
P62.S0.R2.I4	4.5500	65.8000
P62.S0.R20.I4	86.4500	61.1000
P62.S0.R20.I5	86.4500	79.9000
P62.S0.R20.I6	86.4500	94.0000
P62.S0.R21.I4	91.0000	65.8000
P62.S0.R21.I5	91.0000	79.9000
P62.S0.R21.I6	91.0000	94.0000
P62.S0.R22.I4	95.5500	65.8000
P62.S0.R3.I1	9.1000	9.4000
P62.S0.R3.I2	9.1000	28.2000
P62.S0.R3.I3	9.1000	47.0000
P62.S0.R3.I4	9.1000	65.8000
P62.S0.R4.I1	13.6500	9.4000
P62.S0.R4.I2	13.6500	28.2000
P62.S0.R4.I3	13.6500	47.0000
P62.S0.R4.I4	13.6500	65.8000
P62.S0.R4.I5	13.6500	79.9000
P62.S0.R5.I1	18.2000	9.4000
P62.S0.R5.I2	18.2000	28.2000
P62.S0.R5.I3	18.2000	47.0000
P62.S0.R5.I4	18.2000	65.8000
P62.S0.R5.I5	18.2000	84.6000
P62.S0.R6.I1	22.7500	9.4000
P62.S0.R6.I2	22.7500	28.2000
P62.S0.R6.I3	22.7500	47.0000
P62.S0.R6.I4	22.7500	65.8000
P62.S0.R6.I6	22.7500	84.6000
P62.S0.R7.I1	27.3000	9.4000
P62.S0.R7.I2	27.3000	28.2000
P62.S0.R7.I3	27.3000	47.0000
P62.S0.R7.I4	27.3000	65.8000
P62.S0.R7.I5	27.3000	79.9000
P62.S0.R7.I6	27.3000	94.0000
P62.S0.R8.I1	31.8500	9.4000
P62.S0.R8.I2	31.8500	28.2000
P62.S0.R8.I3	31.8500	47.0000
P62.S0.R8.I4	31.8500	65.8000
P62.S0.R8.I5	31.8500	79.9000
P62.S0.R8.I6	31.8500	94.0000
P62.S0.R9.I1	36.4000	9.4000
P62.S0.R9.I2	36.4000	28.2000
P62.S0.R9.I3	36.4000	47.0000
P62.S0.R9.I4	36.4000	65.8000
P62.S0.R9.I5	36.4000	79.9000
P62.S0.R9.I6	36.4000	94.0000

Co-ordinates measured in metres
from SW pylon (marked in plan above).



Legend:

	Access point IP67, PoE, 2.4GHz
	Irradiance sensor
	Wind sensor
	Snow sensor
	PTZ camera
ID	Project. Sub. Row. Index
	RS-485 communication cables
	Cat-5 communication cables

SolarGIK LTD.
Emek Refaim 48
Jerusalem / 9314205
Israel

Solargik

MODIFICATIONS:		
REV	DATE	DESCRIPTION
01	04.07.23	Layout
02	16.08.23	I&C Plans
03	27.09.23	Tracker Update
04	19.10.23	Update set + pylons
05	05.11.23	Update AP4 location

PROJECT NAME
25 Energy Benko

PROJECT NO.
062-25B

SITE
Benko Kopidlno

SHEET TITLE
Tracker ID

SHEET NO.
09

DOC ID#
062-25B-DEC-D-638

CO-ORDINATES
15.260°E, 50.337°N

CLIENT 25 Energy

DISCIPLINE I&C

SCALE 1:250 | SIZE 650x500mm

DATE 05.11.23 | REV 05

DRAWN Aharon Z.

DESIGNED Yossi A.

APPROVED

Review: ■ Execution: □

FENCING

BORDER LINE OF PV-PANNELS AREA

4.55m

EXISTING FIRE TANK

NEW MAIN SWITCHBOARD

Legend:

Symbol	Description
•	Pylon 1100
•	Pylon 1120
•	Pylon 1140
□	Pylon with Drive Unit
△	Shared Pylon

Legend:

Symbol	Description
12	Panels per tracker
	DU location

Azimuth: 38°

PV Panels per Tracker	No. of Trackers	Module Wp	PV Panels Total	Capacity kWp DC
12	42	605	504	304.92
16	54	605	864	522.72
Pitch: 4.55m		Total:	1368	827.64

SolarGIK LTD.
Emek Refaim 48
Jerusalem / 9314205
Israel

Solargik

MODIFICATIONS:

REV	DATE	DESCRIPTION
01	04.07.23	Layout
02	16.08.23	I&C Plans
03	27.09.23	Tracker Update
04	19.10.23	Update set + pylons
05	05.11.23	Update AP4 location

PROJECT NAME
25 Energy Benko

PROJECT NO.
062-25B

SITE
Benko Kopidlno

SHEET TITLE
Pylons

SHEET NO.
10

DOC ID#
062-25B-CON-D-752

CO-ORDINATES
15.260°E, 50.337°N

CLIENT 25 Energy

DISCIPLINE Structural

SCALE 1:500 | SIZE 600x500mm

DATE 05.11.23 | REV 05

DRAWN Yaacov M.

DESIGNED Matanel K.

APPROVED

Review: ■ | Execution: □