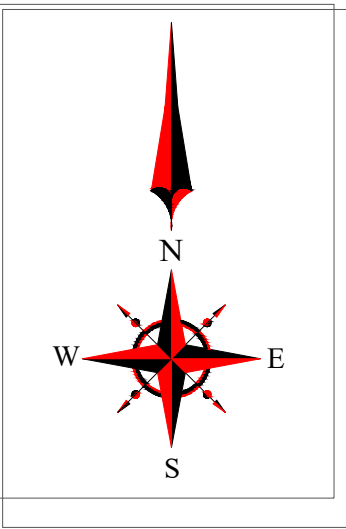


SYSTEM PROPERTIES	
DESCRIPTION	DETAILS
NO. OF MODULES	315 Nos
MODULE WATTAGE	320Wp
INVERTER CAPACITY	(1)80KW
MOUNTING SYSTEM TYPE	INDUSTRIAL SHED
SOLAR ARRAY AZIMUTH	2°
SOLAR MODULE TILT	ALONG THE SHED
TOTAL DC SYSTEM SIZE	100.80 kWp

Array	Roof Name	No of Modules	kWp	Array Azimuth	Tilt	Size Of Inverter	# of Module per String	# Of String
1	Shed Scrap Yard	315	100.80	13°	2°	(1)80KW	20/19	16
		315	100.80			80		



LEGEND

 SOLAR MODULE

 SHADOW

PROJECT DEVELOPER



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PROJECT CO-DEVELOPER



H-12, 1st FLOOR SECTOR 9, NOIDA,
UTTAR PRADESH, 201301

PROJECT NAME

Stride Pharma

PROJECT ADDRESS

PUDUCHERRY

MODULE LAYOUT
ARRAY 1

REVISION HISTORY

REV	DESCRIPTION	DRW	CHK	
0	DRAFT REVIEW	VS	VA	01/06/2022
1	CAPACITY REVISED	VS	VA	03/06/2022

PROJECT NUMBER

PAGE SIZE

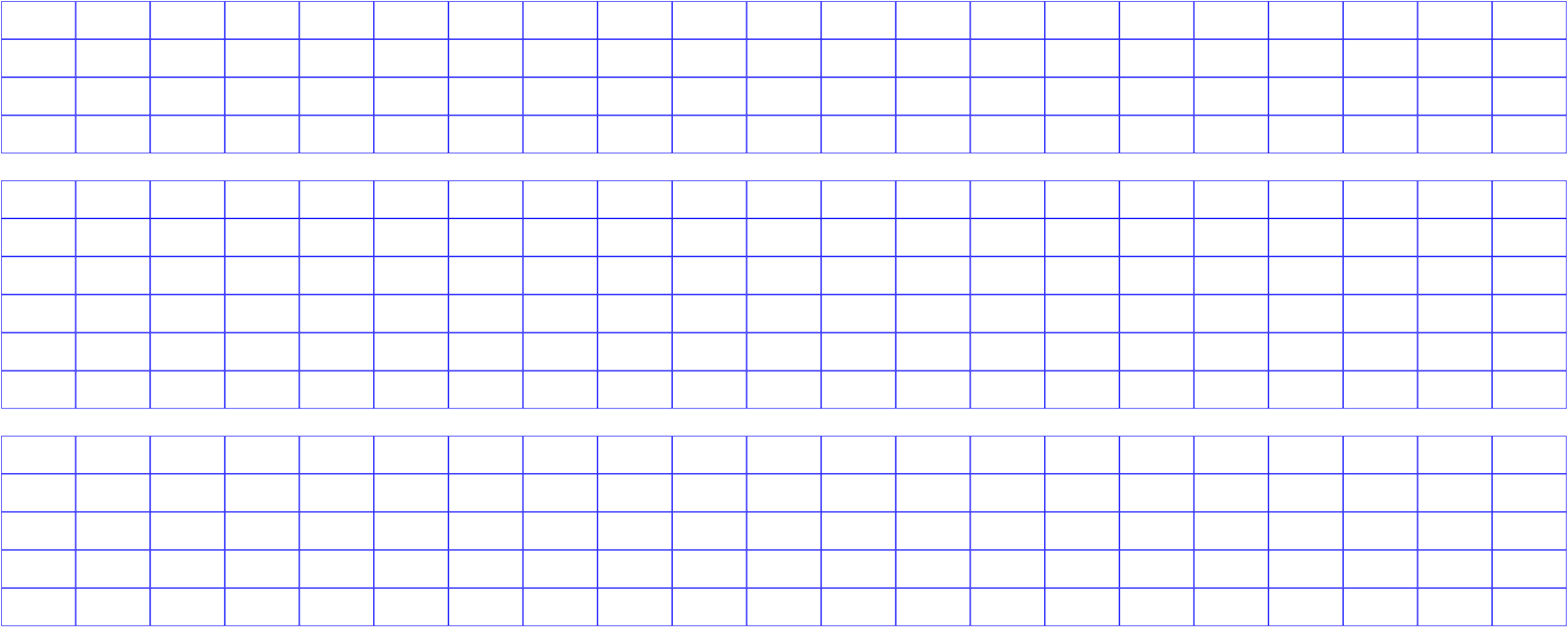
SHEET NUMBER
6

SCALE
NTS

DISC.	DWG NO.	SEQUENCE	
	PV-2		

ISSUED FOR APPROVAL

ARRAY-1



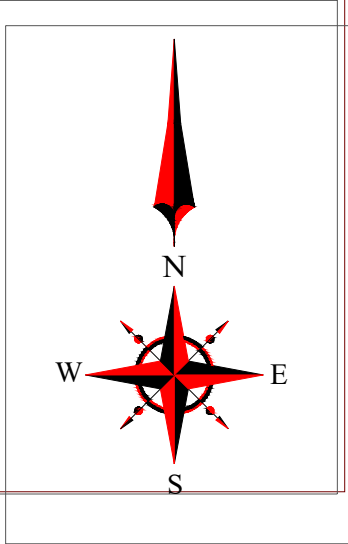
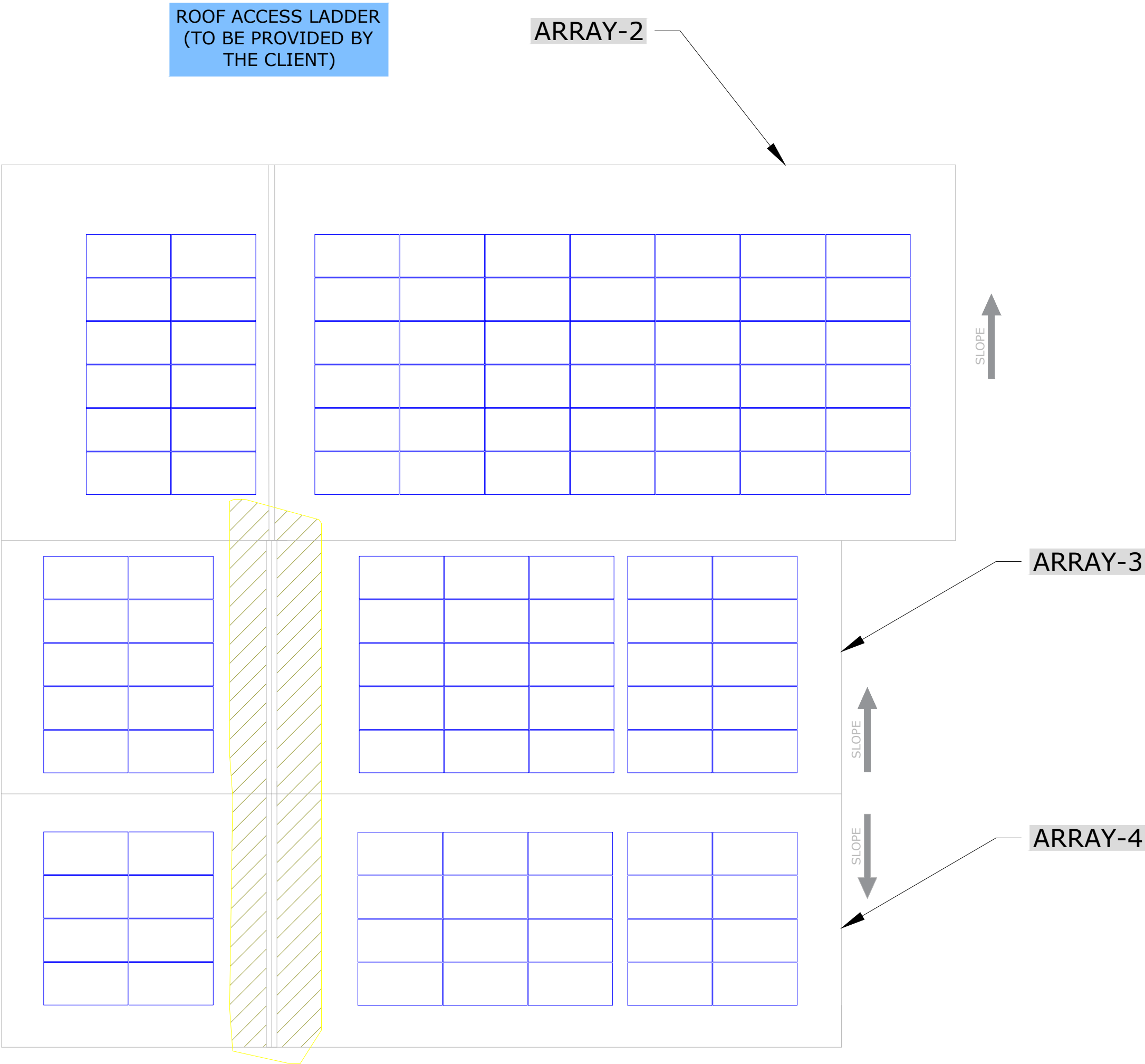
SYSTEM PROPERTIES	
DESCRIPTION	DETAILS
NO. OF MODULES	116 Nos
MODULE WATTAGE	320Wp
INVERTER CAPACITY	(1)30KW
MOUNTING SYSTEM TYPE	INDUSTRIAL SHED
SOLAR ARRAY AZIMUTH	8° / 17°
SOLAR MODULE TILT	ALONG THE SHED
TOTAL DC SYSTEM SIZE	37.12 kWp

Array	Roof Name	No of Modules	kWp	Array Azimuth	Tilt	Size Of Inverter	# of Module per String	# Of String
2	Shed Unit 3	54	17.28	-167°	8°	(1)30KW	18	3
3		34	10.88	-167°	17°		17	2
4		28	8.96	13°	17°		14	2
		116	37.12			30		7

LEGEND

SOLAR MODULE

SHADOW



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PROJECT NAME

Stride Pharma

PROJECT ADDRESS

PUDUCHERRY

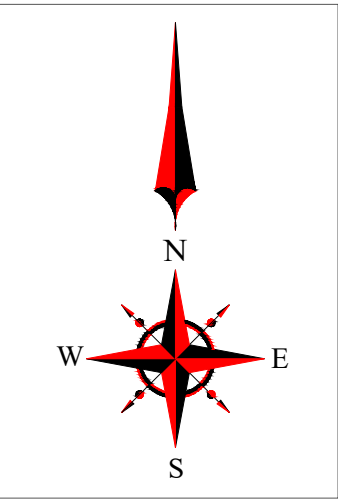
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REV	DESCRIPTION	DRW	CHK	
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1	CAPACITY REVISED	VS	VA	03/06/2022

PROJECT NUMBER			PAGE SIZE
SHEET NUMBER		SCALE	
7		NTS	
DISC.	DWG NO.	SEQUENCE	
	PV-2		

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SYSTEM PROPERTIES	
DESCRIPTION	DETAILS
NO. OF MODULES	1631 Nos
MODULE WATTAGE	320Wp
INVERTER CAPACITY	(3)110KW (1)50KW
MOUNTING SYSTEM TYPE	INDUSTRIAL SHED
SOLAR ARRAY AZIMUTH	8°/5° / 15°
SOLAR MODULE TILT	ALONG THE SHED
TOTAL DC SYSTEM SIZE	521.92 kWp

Array	Roof Name	No of Modules	kWp	Array Azimuth	Tilt	Size Of Inverter	# of Module per String	# Of String
5	Industrial Shed	19	6.08	-167°	8°	(3)110KW (1)50KW	19	1
6	Industrial Shed	51	16.32	13°	8°		17	3
7	RCC	60	19.20	13°	15°		20	3
8	RCC	60	19.20	13°	15°		20	3
9	Industrial Shed	133	42.56	-167°	8°		19	7
10	Industrial Shed	340	108.80	-77°	5°		20	17
11	Industrial Shed	860	275.20	103°	5°		19/20/21	43
12	Industrial Shed	72	23.04	13°	8°		18	4
13	Industrial Shed	36	11.52	-167°	8°		18	2
		1631	521.92			380KW		83



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PROJECT NAME
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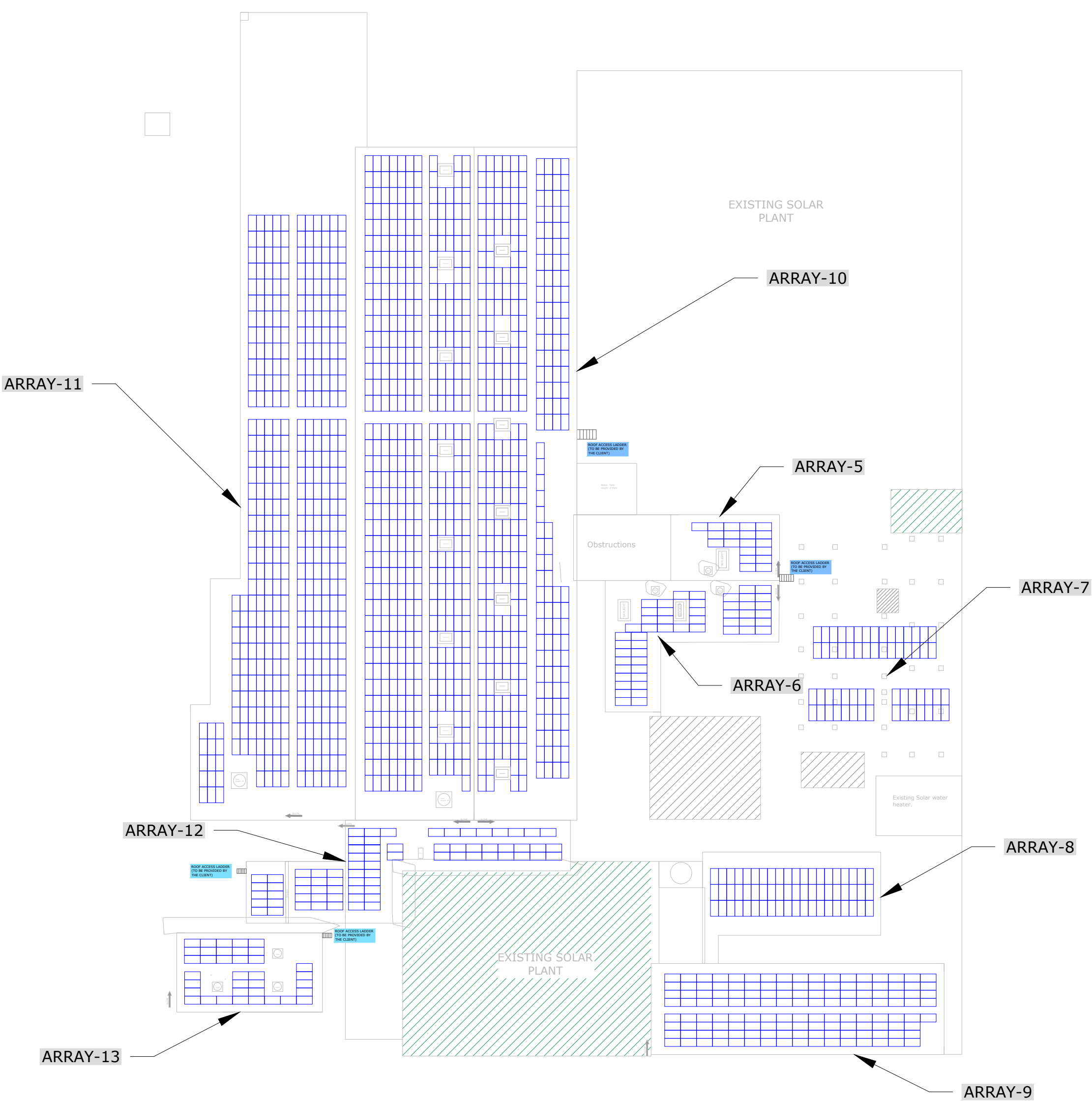
PROJECT ADDRESS
PUDUCHERRY

MODULE LAYOUT
(ARRAY-5,6,7,8,9,10,11,
12&13)

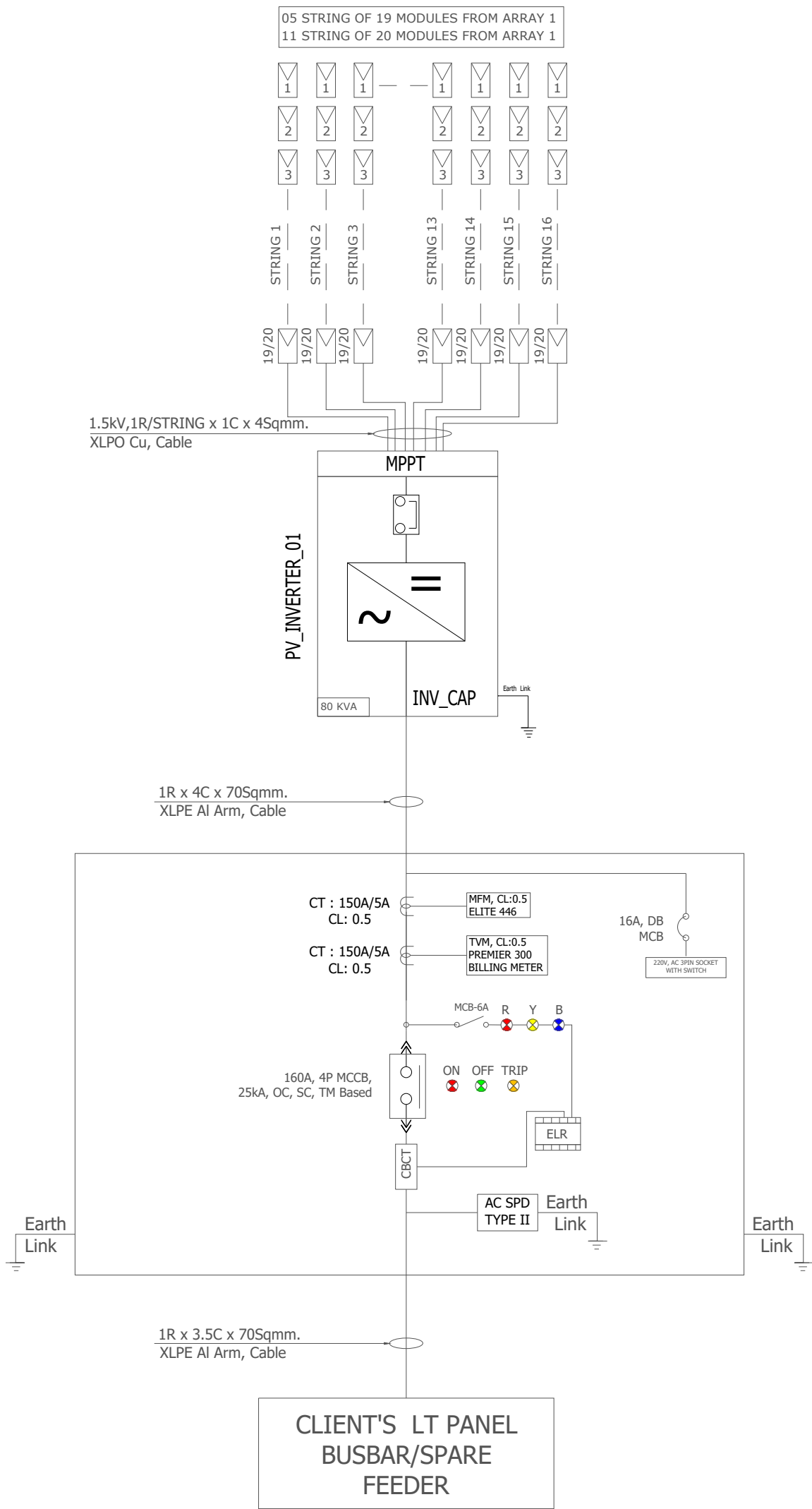
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REV	DESCRIPTION	DRW	CHK	
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1	CAPACITY REVISED	VS	VA	03/06/2022

PROJECT NUMBER			PAGE SIZE
SHEET NUMBER 8		SCALE NTS	
DISC.	DWG NO.	SEQUENCE	
	PV-2		

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ARRAY 1



NOTES: CLIENT HAS TO PROVIDE THE LT
PANEL OF MIN 200A RATED PANEL WITH
CABLING FROM EXISTING LT
PANEL/SWITCHYARD FOR SOLAR POWER
TERMINATION.

Array 1	
80kW	
Inv - 1	Remarks
1	20 Modules String
2	20 Modules String
3	20 Modules String
4	20 Modules String
5	20 Modules String
6	20 Modules String
7	20 Modules String
8	20 Modules String
9	20 Modules String
10	20 Modules String
11	20 Modules String
12	19 Modules String
13	19 Modules String
14	19 Modules String
15	19 Modules String
16	19 Modules String

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PROJECT CO-DEVELOPER



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UTTAR PRADESH, 201301

PROJECT NAME

Stride Pharma

PROJECT ADDRESS

PUDUCHEERY

SINGLE LINE DIAGRAM

REVISION HISTORY

REV	DESCRIPTION	DRW	CHK	
0	DRAFT REVIEW	VS	VA	01/06/2022
1	CAPACITY REVISED	VS	VA	03/06/2022

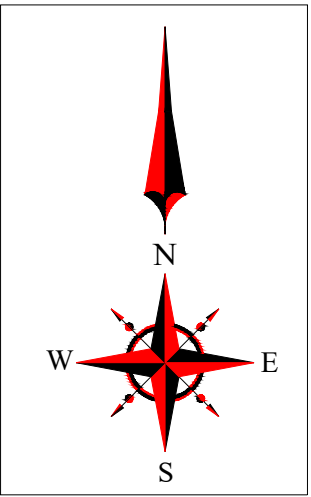
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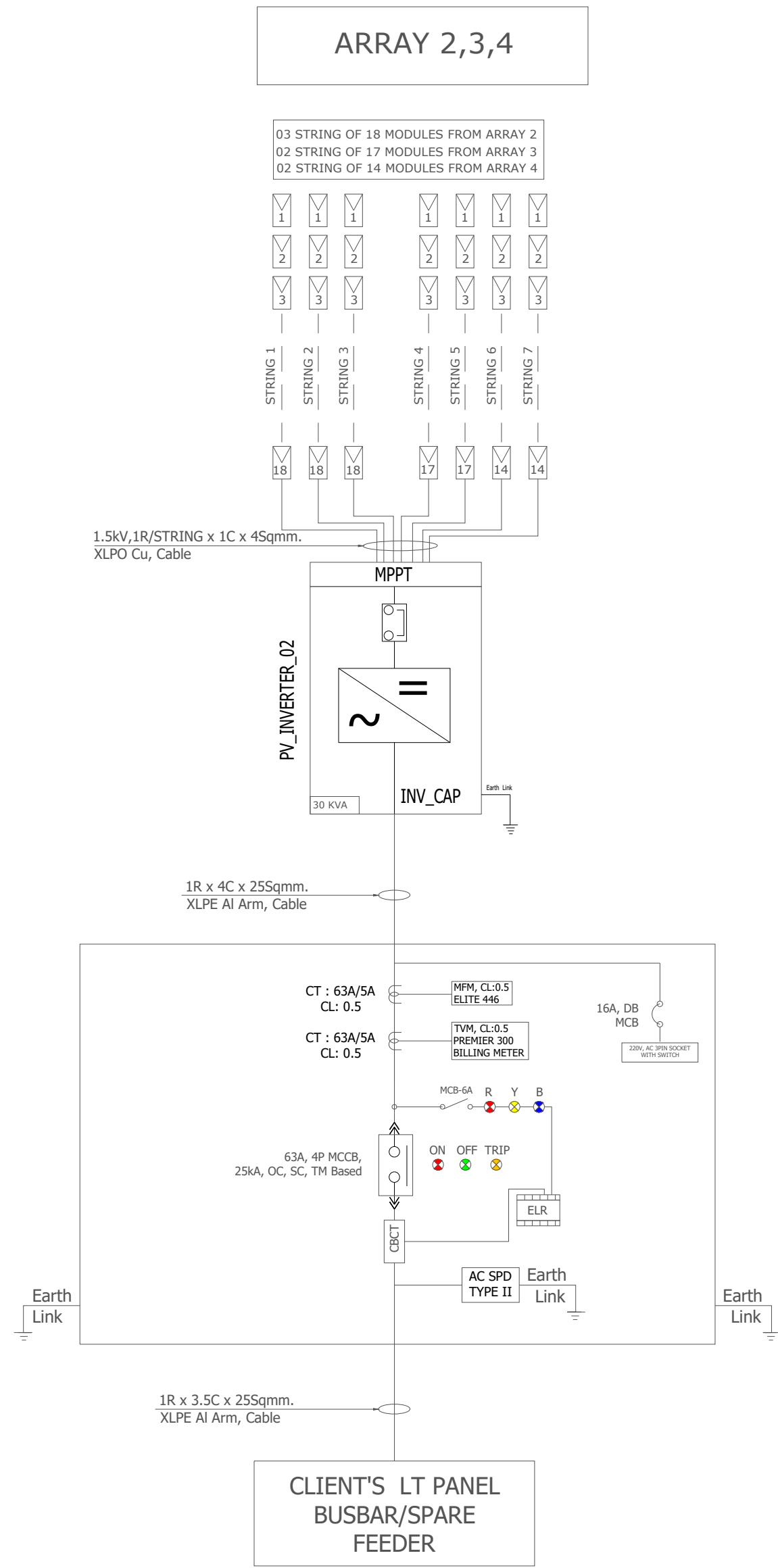
SHEET NUMBER
21

SCALE
NTS

DISC.	DWG NO.	SEQUENCE
	E-1	



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Inv - 30KW	Remarks
String	
1	18 Moudles
2	18 Moudles
3	18 Moudles
4	17 Moudles
5	17 Moudles
6	14 Moudles
7	14 Moudles

PROJECT DEVELOPER



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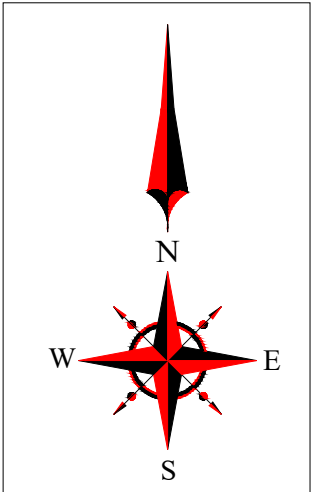
PROJECT NAME
Stride Pharma

PROJECT ADDRESS
PUDUCHEERY

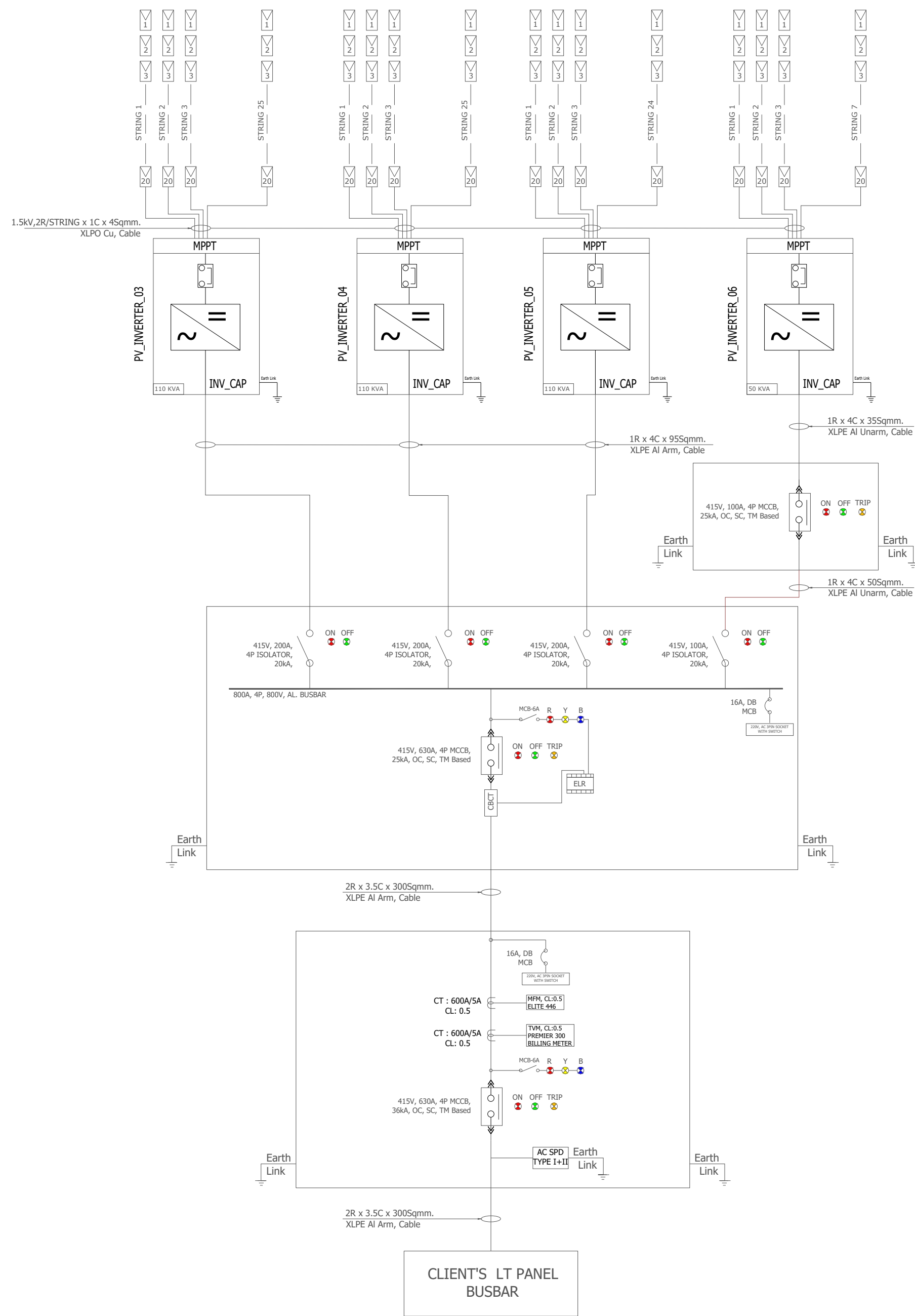
SINGLE LINE DIAGRAM

REVISION HISTORY				
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1	CAPACITY REVISED	VS	VA	03/06/2022

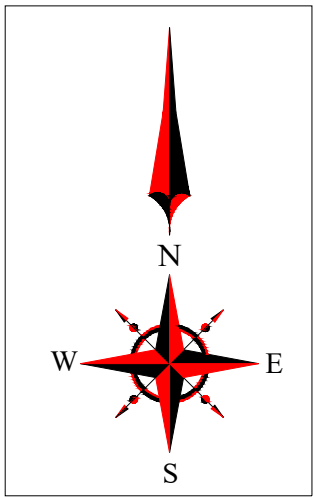
PROJECT NUMBER		PAGE SIZE
SHEET NUMBER 22		SCALE NTS
DISC.	DWG NO.	SEQUENCE
	E-1	



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Inv - A (110kW)			Inv - B (110kW)			Inv - C (110kW)		
String	String Size	Remarks	String	String Size	Remarks	String	String Size	Remarks
1 & 2	20	With Y-Connector	1	20	With Y-Connector	1 & 2	20	With Y-Connector
3 & 4	20	With Y-Connector	2 & 3	20	With Y-Connector	3 & 4	20	With Y-Connector
5	20	With Y-Connector	4	20	With Y-Connector	5 & 6	20	With Y-Connector
6	20	MC4	5	20	MC4	7 & 8	20	MC4
7	20	With Y-Connector	6	20	With Y-Connector	9 & 10	20	With Y-Connector
8 & 9	20	With Y-Connector	7	20	With Y-Connector	11	20	With Y-Connector
10 & 11	20	MC4	8 & 9	20	MC4	12	20	MC4
12 & 13	20	MC4	10 & 11	20	MC4	13	18	MC4
14	20	MC4	12 & 13	20	MC4	14	18	MC4
15	20	MC4	14	20	MC4	15	18	MC4
16	20	MC4	15	20	MC4	16	18	MC4
17	20	MC4	16	20	MC4	17	18	MC4
18	20	MC4	18	20	MC4	18	18	MC4
19	20	MC4	19	20	MC4	19 & 20	17	MC4
20	20	MC4	20	20	MC4	21	17	MC4
21	20	MC4	21	20	MC4	22	19	MC4
22	20	MC4	22	20	MC4	23	20	MC4
23	20	MC4	23	20	MC4	24	20	MC4
24	20	MC4	24	20	MC4	25	20	MC4

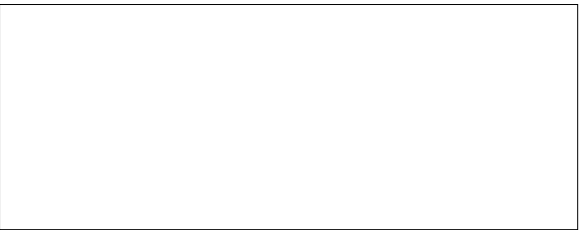


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PROJECT NAME

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PROJECT ADDRESS

PUDUCHEERY

SINGLE LINE DIAGRAM

REVISION HISTORY

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PROJECT NUMBER

PAGE SIZE

SHEET NUMBER
23

SCALE
NTS

DISC.	DWG NO.	SEQUENCE
	E-1	

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