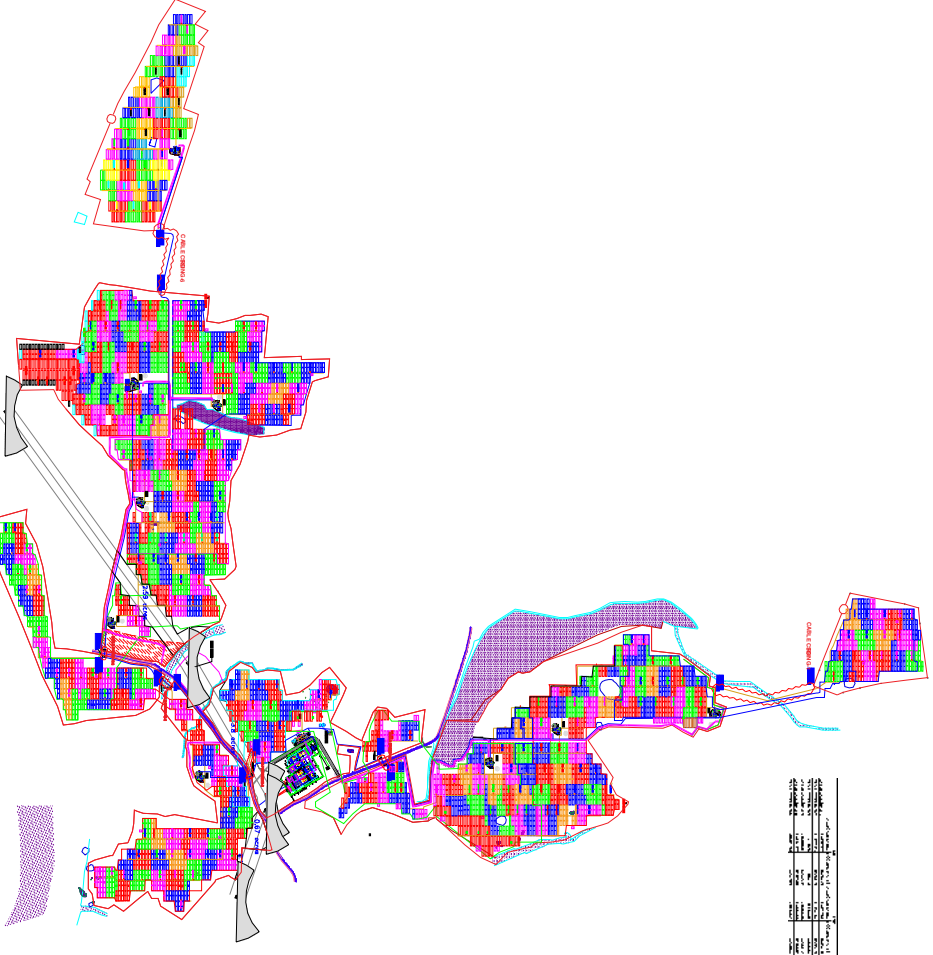
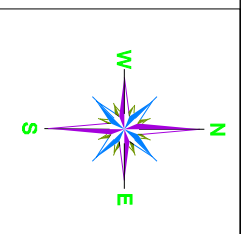


	START	END
X COORDINATE	X COORDINATE	X COORDINATE
CABLE CROSSING 1	803976.142	804134.157
CABLE CROSSING 2	803127.725	803296.162
CABLE CROSSING 3	803112.152	803272.146
CABLE CROSSING 4	802972.522	803132.146
CABLE CROSSING 5	802981.377	802772.447
CABLE CROSSING 6	802982.146	802772.447



PLAN

LEGEND:-

SYMBOL	DESCRIPTION
	4m WIDE ASPHALT ROAD
	4m WIDE MKM ROAD
	COMPOUND WALL / FENCING
	AC TRENCH
	STRING COMMON BOX (SCB)
	INVERTER CONTROL ROOM (ICR)
	MAIN CONTROL ROOM (MCR)

TECHNOLOGY:-

Module	Pvg C-SI
Inverter	1MW / 800 Canrail Inverter
Inverter Transformer	2.0MVA, 33/20.38KV, 3Wtg
Inverter Transformer	1.0MVA, 33/10.38KV, 3Wtg
Power Transformer	50/55MVA, 220/33KV, 2Wtg
1M Switchgear	33KV / AIS Switchgear Panel
Excavation SS	220KV / AIS Switchyard

PLANT DETAILS:-

GEO POSITION	N - 16°28'11.10"
SITE AREA	E - 77°54'59.87"
PV AREA	175.189 ACRES
INTER ROW	155 ACRES
PITCH	2.7
MODULE ORIENTATION	SOUTH
TILT ANGLE	16 DEG
DC CAPACITY	46.837 MWp
AC CAPACITY	39 MWac
MPPT/CAC	12
NO OF MODULES	83938 (Rearrow 310Wp) 56694 (Rearrow 315Wp) 8802 (JA 530W 315Wp) 2488 (JA 530W 320Wp)
PV CONNECTORS	7142 - PLUG
PV BRANCH CONNE.	3571 - PLUG 3571 - SOCKET
NO OF TABLES	3571
TABLE TYPE	32x1 (PORTRAIT) 2x11 (PORTRAIT)
NO OF INV / PER STN.	4 NOS.
NO OF TRANSFORMER PER STATION	2 NOS.

FILE NAME	FILE INFORMATION	CONSTRUCTION
ASSEMBLY	APPROVAL	ONLY
☒	☐	☐

NO.	DATE	REVISIONS	NO.	DATE	NO.
01	20/08/2018	AS BUILT	02	20/08/2018	01

PROJECT TITLE	100MW SOLAR POWER PLANT
PROJECT TITLE	AT VETTOR, TILANAGARA

CLIENT	TRANSPRAKASIN ENERGY PRIVATE LIMITED
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COMPANY LOGO	
COMPANY NAME	STERLING & WILSON
COMPANY ADDRESS	NO. 45/A, 5TH MAIN, CHENNAI ROAD, CHENNAI - 600 029, TAMIL NADU, INDIA.
COMPANY PHONE	98429 99999
COMPANY EMAIL	info@sterlingandwilson.com
COMPANY WEBSITE	www.sterlingandwilson.com

DESIGNER	SCALE	SCALE
DRGNO.	1/100	1/100
CHKD.	1/100	1/100
APPD.	1/100	1/100
NO.	1/100	1/100
DATE	20/08/18	20/08/18

