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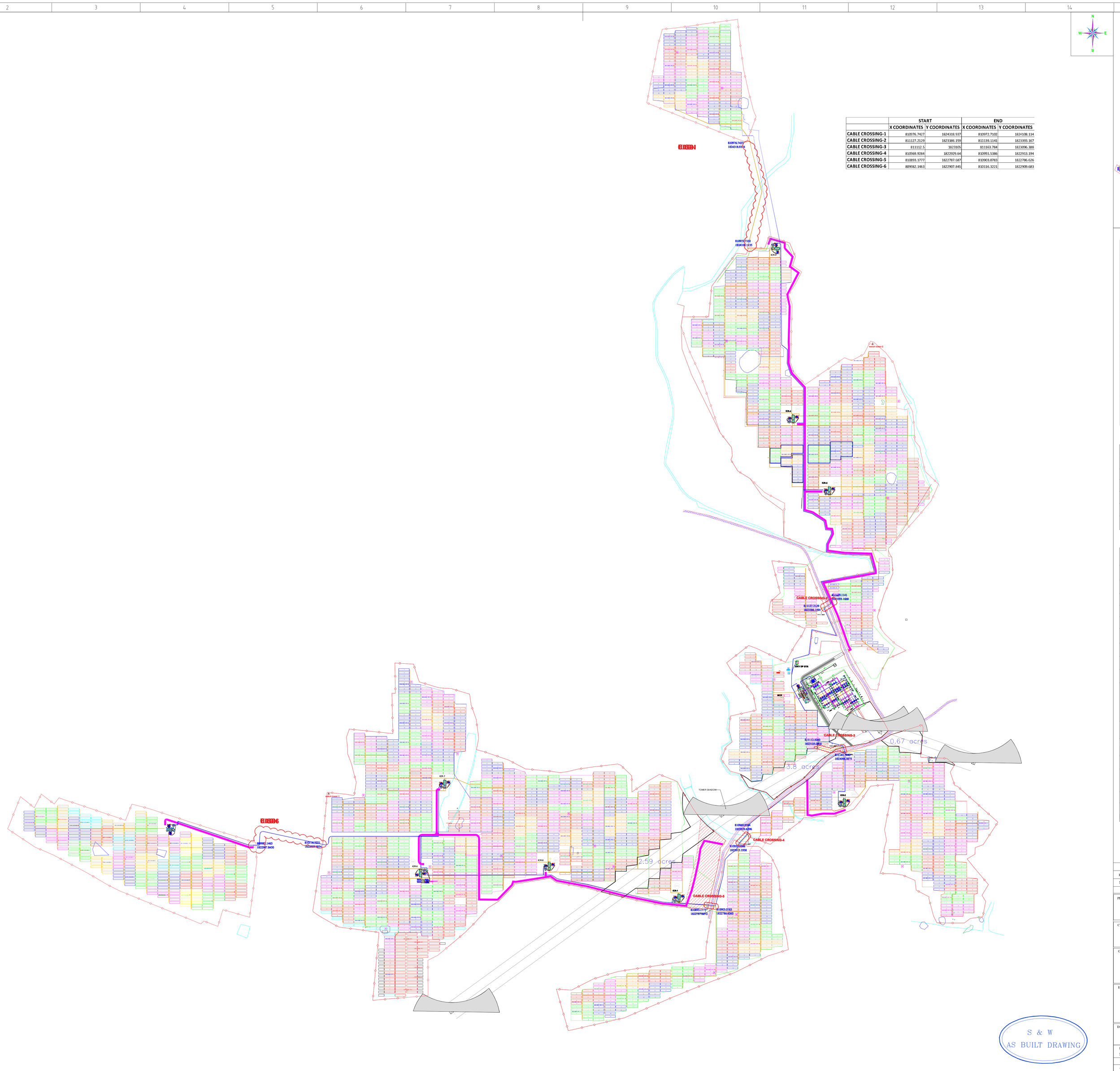
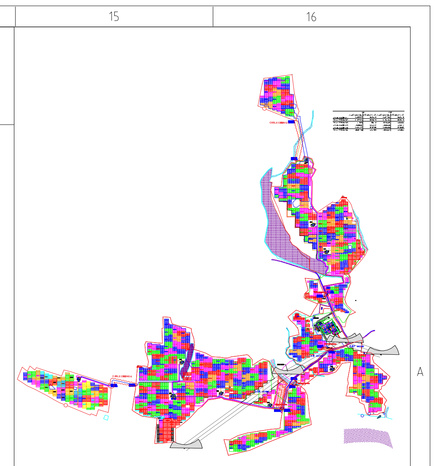


	START		END	
	X COORDINATES	Y COORDINATES	X COORDINATES	Y COORDINATES
CABLE CROSSING-1	812076.7427	1824338.937	810972.7102	1824108.114
CABLE CROSSING-2	811127.2129	1823386.159	811139.1141	1823393.167
CABLE CROSSING-3	811112.5	1823105	811163.766	1823096.388
CABLE CROSSING-4	810369.9284	1822929.64	810955.5386	1822913.194
CABLE CROSSING-5	810893.1777	1822787.587	810903.0783	1822786.626
CABLE CROSSING-6	809582.1463	1822907.845	810116.3221	1822909.683



PLAN

LEGEND:-

SYMBOL	DESCRIPTION
	MMS(2x21) STRUCTURE
	4m WIDE ASPHALT ROAD
	4m WIDE WBM ROAD
	COMPOUND WALL / FENCING
	AC TRENCH
	DC TRENCH
	STRING COMBINER BOX(SCB)
	INVERTER CONTROL ROOM(ICR)
	MAIN CONTROL ROOM(MCR)

TECHNOLOGY:-

Module	Poly c-Si	
Inverter	1MW ABB Central Inverter	-39 no's
Inverter Transformer	2.0MVA, 33/2x0.38kV,3Wdg	- 19 no's
Inverter Transformer	1.0MVA, 33/0.38kV,3Wdg	- 1 no's
Power Transformer	50/55MVA, 220/33kV,2Wdg	- 1 no's
MV Switchboard	33kV AIS Switchgear Panel	
Evacuation S/S	220kV, AIS Switchyard	

PLANT DETAILS:-

GEO POSITION	N - 16°28'11.10" E - 77°54'59.67"
SITE AREA	175.168 ACRES
PV AREA	155 ACRES
INTER ROW	2.7
PITCH	6.5
MODULE ORIENTATION	SOUTH
TILT ANFGLE	15 DEG
DC CAPACITY	46.837 MWp
AC CAPACITY	39 MWac
NPR(DC/AC)	1.2
NO.OF MODULES	83958 (Talesun 310Wp) 54684 (Talesun 315Wp) 8904 (JA solar 315Wp) 2436 (JA solar 320Wp)
PV CONNECTORS	7142 - PLUG 7142- SOCKET
PV BRANCH CONNE.	3571 - PLUG 3571 - SOCKET
NO.OF TABLES	3571
TABLE TYPE	2x21, (PORTRAIT) 2x11, (PORTRAIT)
NO OF INV PER STN.	4 NOS.
NO OF TRANSFORMER PER STATION	2 NOS.

CHECK BOX

AS-BUILT	FOR APPROVAL	INFORMATION ONLY	FOR CONSTRUCTION
√			

No.	DATE	REMARKS	DRN	CKED
R0	20-09-2018	AS-BUILT	SB	AP

REVISIONS

PROJECT TITLE:
100MW SOLAR POWER PLANT
AT VELTOOR, TELANGANA

CLIENT:
TRANSFORM SUN ENERGY PRIVATE LIMITED

OWNERS CONSULTANT:
sgurr energy
A Wood Group Business

EPC CONTRACTOR:
STERLING & WILSON
NO.-4A/14, 6TH MAIN, CHIKKA ADUGODI,
NEW EXTENSION THAVAREKERE MAIN ROAD,
BANGALORE - 560 029.
PH : (080) 67178600 - 8609, E-MAIL :
swbirdesign@gmail.com

DRAWING TITLE:
OVERALL ARRAY LAYOUT - PLOT(BALEEDUPALLI)

DRAWING NO : SWLB-SP-TS-100MW-E-DWG-OAL-101		SCALE	NTS
DRAWN	BG	SHEET NO	1 OF 1
CHECKED	NK	PAPER SIZE	A1
APPROVED	SS		
DATE	26-09-17	REV NO.	R0