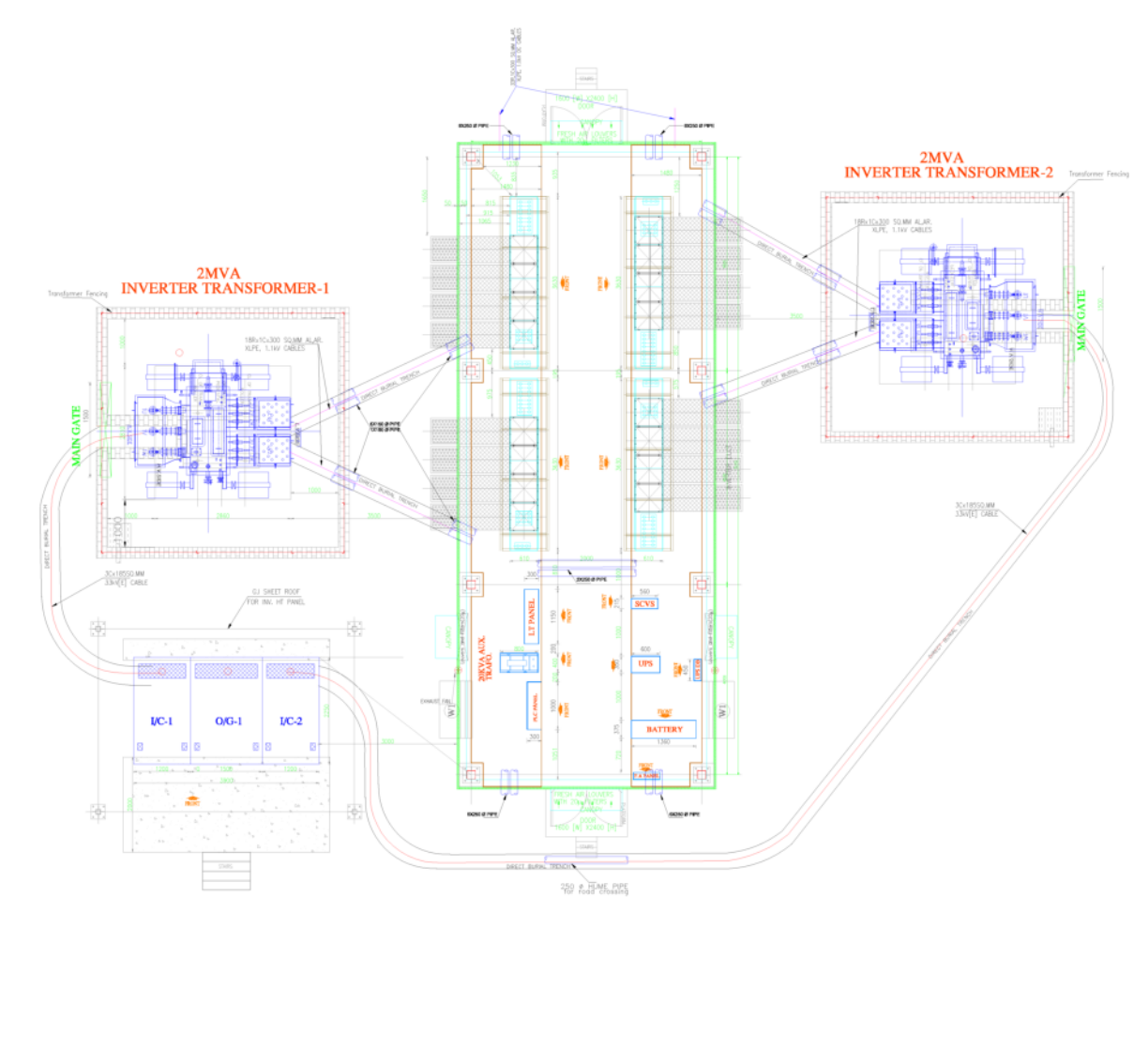










[illegible]

NOTE: SCB NO'S WITHIN THE INVERTER ARE READJUSTED IN THE OVERALL ARRAY LAYOUT TO SUIT THE PLANT TOPOGRAPHY CONDITIONS. EXECUTION TEAM HAS TO REFER THE ARRAY LAYOUT FOR TABLE DISTRIBUTION(SEPARATE COLOR INDICATION) AMONG THE SCB'S.



LEGEND:-		
SYMBOL		DESCRIPTION
		MMS(2x21) STRUCTURE
		4m WIDE WBM ROAD
		4m WIDE ASPHALT ROAD
		COMPOUND WALL / FENCING
		AC TRENCH
		DC TRENCH
		DRAIN
		STRING COMBINER BOX(SCB)
		INVERTER CONTROL ROOM(ICR)
		MAIN CONTROL ROOM2(MCR)

**TECHNOLOGY:-**

Inverter	1MW ABB Central Inverter	-54 no's
Inverter Transformer	2.0MVA, 33/2x0.38kV,3Wdg	- 27 no's
MV Switchboard	33kV AIS Switchgear Panel	
Evacuation S/S	220kV, AIS Switchyard	

PLANT DETAILS:-

CEO POSITION	N - 16°28'11.10" E - 77°54'59.67"
SITE AREA	242 ACRES
PV AREA	189 ACRES
INTER ROW	2.7
PITCH	6.5
MODULE ORIENTATION	SOUTH
TILT ANGLE	15 DEG
DC CAPACITY	64.77 MWp
AC CAPACITY	54 MWac
NPR(DC/AC)	1.2
NO.OF MODULES	42,966(Talesun 310Wp) 71,022(Talesun 315Wp) 53,424(JA solar 315Wp) 38,304(JA solar 320Wp)
PV CONNECTORS	9796 - PLUG 9796 - SOCKET
PV BRANCH CONNECTORS	4898 - PLUG 4898 - SOCKET
NO.OF TABLES	4898
TABLE TYPE	2x21, (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
<input checked="checked" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

BO	26-09-17		ASBUTT		BO		NK
No.	DATE		REMARKS		DEN		CKED
<p>PRODUCT TITLE:</p> <p>100MW SOLAR POWER PLANT AT VELTOOR, GANDANA</p>							
<p>CLIENT:</p> <p>TRANSFORM SUN ENERGY PRIVATE LIMITED</p>							
<p>OWNERS CONSULTANT:</p> <p>  <b>TATA CONSULTANCY ENGINEERS LIMITED</b></p> <p>BENGALURU</p>							
<p>EPIC CONTRACTOR:</p> <p>   <b>STERLING &amp; WILSON</b>  NEW EXTENSION THAMMARESERI MAIN ROAD,  BANGALORE - 560 005.  Ph : (080) 67178600 + 8080, E-MAIL:  sales@scwblr@gmail.com</p>							
<p>DRAWING TITLE:</p> <p>OVERALL ARRAY LAYOUT-PL02M3(VATHYALAMPALLI)</p>							
<p>DRAWING NO:</p> <p>SWL-EP-13-100MW-E-DWG-GAL-101C</p>				<p>SCALE</p> <p>NTS</p>			
<p>DRAWN</p> <p>NR</p>				<p>SHEET NO</p> <p>1 OF 1</p>			
<p>CHECKED</p> <p>NK</p>				<p>PAPER SIZE</p> <p>A1</p>			
<p>APPROVED</p> <p>SR</p>				<p>REV NO</p> <p>RO</p>			
<p>DATE</p> <p>26-09-17</p>							

	START		END	
	X COORDINATES	Y COORDINATES	X COORDINATES	Y COORDINATES
CABLE CROSSING-1	807828.3018	1822689.988	807845.3333	1822679.745
CABLE CROSSING-2	807723.1711	1822425.973	807704.4867	1822383.917
CABLE CROSSING-3	807780.4522	1821856.965	807785.8264	1821849.437
CABLE CROSSING-4	808011.1443	1821460.264	807990.5838	1821431.973
CABLE CROSSING-5	808190.5396	1820648.289	808204.842	1820628.014

S & W  
AS BUILT DRAWING