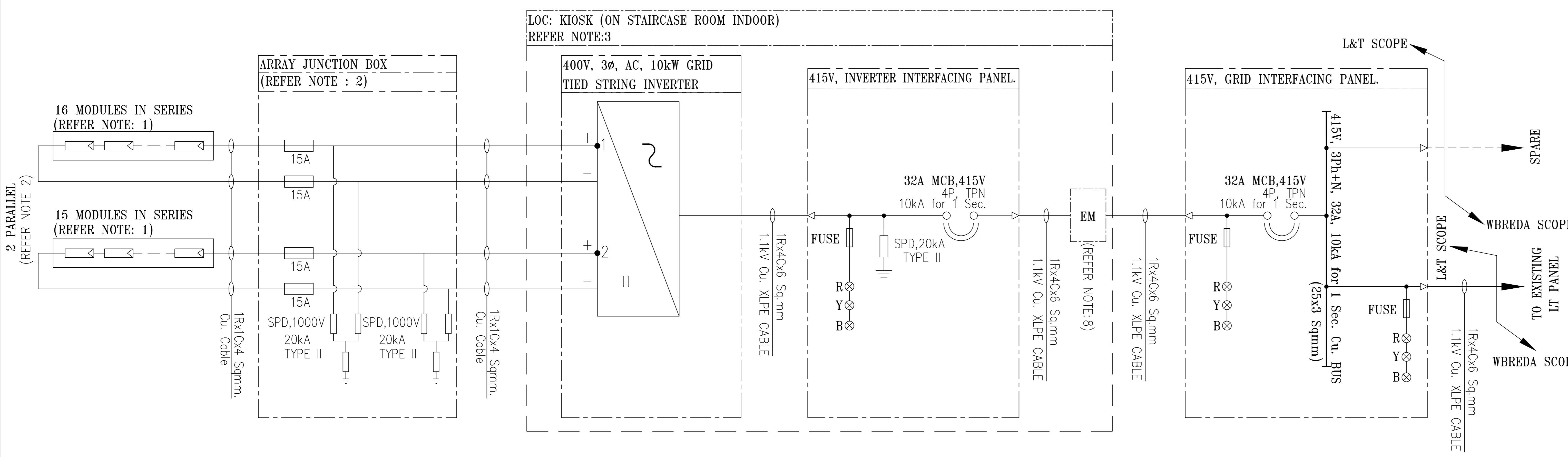


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PLANT DETAILS						
SYSTEM (kWp)	MODULE RATING (kWp) (REFER NOTE 4)	MODULES IN SERIES (REFER NOTE 1)	INVERTER CAPACITY (KW)	NO.OF INVERTER	TOTAL NO.OF STRINGS	TOTAL NO.OF MODULES
10	325Wp	15	10	1	1	31
		16			1	

**EQUIPMENT LEGEND:**

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	INVERTER		FUSE
	ENERGY METER		INDICATION LAMP
	MINIATURE CIRCUIT BREAKER (MCB)		CABLES NOT IN L&T SCOPE
	CABLE TERMINATION		CABLES IN L&T SCOPE
	SOLAR MODULE		TERMINAL BLOCK
	SURGE PROTECTION DEVICE		

- NOTES:**
- MODULES IN SERIES SHALL VARY BASED ON FINAL MODULE WATTAGE SELECTION DURING VENDOR FINALIZATION.
  - NUMBER OF STRINGS AND MODULES IN SERIES PER STRING INDICATED IS TYPICAL AND TENTATIVE. SAME SHALL VARY BASED ON NUMBER OF MPPTS AVAILABLE IN INVERTER, MAXIMUM ALLOWABLE INPUTS TO EACH MPPT.
  - KIOSK SHALL BE PLACED ON THE ROOF AS INDOOR (STAIRCASE WALL/CLOSE TO PV ARRAY) BASED ON SITE CONDITIONS.
  - MODULE CAPACITY IS TENTATIVE. IT SHALL VARY BASED ON FINAL SELECTION OF VENDOR MAKE AND MODEL.
  - STRING INVERTERS SHALL HAVE INBUILT AJB WITH STRING TERMINATION, SPD, & FUSES. INCASES INVERTER IS NOT HAVING INBUILT FUSES & SPD SAME SHALL BE PROVIDED EXTERNALLY IN AJB.
  - DATA LOGGER/MODEM SHALL BE PLACED INSIDE THE KIOSK.
  - CLIENT(WBREDA) LT PANEL BUSBAR MATERIAL CONSIDERED AS Cu.

**THIS DRAWING IS APPLICABLE FOR PACKAGES AS PER BELOW SELECTION CHART:**

PACKAGE NO	SITE UNDER DISTRICT	APPLICABLE	PACKAGE NO	SITE UNDER DISTRICT	APPLICABLE	PACKAGE NO	SITE UNDER DISTRICT	APPLICABLE
I	BANKURA	<input checked="" type="checkbox"/>	V	MALDA	<input checked="" type="checkbox"/>	IX	PASCHIM MEDINIPUR	<input checked="" type="checkbox"/>
II	DARJEELING	<input checked="" type="checkbox"/>	VI	MURSHIDABAD	<input checked="" type="checkbox"/>	X	SOUTH 24 PARGANAS	<input checked="" type="checkbox"/>
III	JALPAIGURI	<input checked="" type="checkbox"/>	VII	NADIA	<input checked="" type="checkbox"/>			
IV	KOLKATA	<input checked="" type="checkbox"/>	VIII	NORTH 24 PARGANAS	<input checked="" type="checkbox"/>	XI	UTTAR DINAJPUR	<input checked="" type="checkbox"/>

REV. No	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED
A	FOR APPROVAL	DSK   03.08.19	TS   03.08.19	RJR   03.08.19	RKJ   03.08.19

**REVISIONS**

**L&T Construction**  
Power Transmission & Distribution IC  
(Solar Projects)

**CLIENT :** WEST BENGAL RENEWABLE ENERGY DEVELOPMENT AGENCY

**CONSULTANT :** -

**PROJECT :** GRID CONNECTED ROOFTOP SOLAR PV POWER PLANTS (10 & 20 KWp)  
AT VARIOUS LOCATIONS OF WEST BENGAL

**SUPPLIER / CONTRACTOR :** **L&T Construction**  
Solar Projects

<b>JOB No. :</b> O19100-PTD-S	<b>TITLE :</b>	<b>SCALE</b>
NAME	SIGN	DATE
DSGN	DSK	03.08.19
DRWN	TS	03.08.19
CHKD	RJR	03.08.19
APPD	RKJ	03.08.19

**TYPICAL KEY SINGLE LINE DIAGRAM  
(10kW SYSTEM)**

**PROJECTION**

**DRG. No.** O 1 9 1 0 0 - P T D - S - E L - 1 L - 0 0 0 1

SHEET 01 OF 02

**RELEASED FOR**  PRELIMINARY  TENDER  INFORMATION  APPROVAL  CONSTRUCTION