

CLIENT: ZOOLOGICAL INVESTMENTS (RE/PTY) LTD.
 PROJECT: 50MW SOLAR GRID CONNECTED PV PLANT
 PROJECT NO: ZA-14-0064

SCALE: T.200
 SHEET TITLE: GENERAL SITE PLAN
 ORIGINAL SIZE "841 X 594" SHEET SIZE "A-1"

NO.	REVISION	DATE	BY
01	ISSUED FOR INFORMATION	02.10.2015	Y.M.
02	ISSUED FOR APPROVAL	05.11.2015	S.S.
03	ISSUED FOR CONSTRUCTION	05.11.2015	S.S.

- NOTES:**
- ALL DIMENSIONS ARE IN METERS
 - TRACKED FACILITY
 - TOTAL PV PLANT AREA = 376,034M²
 - ROAD AREA = 379,225 ACRES
 - NO. OF ROWS PER ROW = 110,277 ROWS
 - NO. OF ROWS PER ROW = 8,000 ROWS
 - TOTAL NO. OF ROWS REQUIRED = 1,628,400 ROWS
 - TOTAL NO. OF ROWS = 2182
 - ROW WIDTH = 20.21M (TRACKED)
 - NO. OF ROWS PER TRACK = 50
 - TOTAL NO. OF TRACKS = 182 TRACKS
 - NO. OF 30 ROW TRACKS = 91 TRACKS
 - PLANT SIZE:
 - 40 MW CAPACITY = 527 MWp
 - 40 MW CAPACITY = 50,5 MW
 - ROW WIDTHS:
 - ROW WIDTH = 20.21M
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- LEGEND:**
- PROJECT SITE BOUNDARY
 - ROW LINE
 - SPLIT
 - 2 x 1071KW INVERTER ROOM - 10 NOS
 - 2 x 1071 KW INVERTER ROOM - 1NO
 - N.M. VOLTAGE SUBSTATION WITH CONTROL BUILDING (FROM 400V/20KV TO 20KV/10KV POWER TRANSFORMER)
 - PV PLANT BOUNDARY
 - PLANT BOUNDARY
 - ROW ROAD - (8.5MTR WIDER)
 - STONEY ROADS - (4.5MTR WIDER)
 - PRIMRY ROAD
 - SYSTEM ROAD
 - AVENUE TEMPERATURE SENSOR
 - POSSIBLE TEMPERATURE SENSOR
 - PARAMETER (2 NOS.)
 - ANEMOMETER

- ACRES LIST**
- PROPOSED PLOT AREA = 301,078 / 104,271H
 - EXISTING PLOT AREA = 50,354 / 138,904H
 - PROPOSED PV PLANT AREA = 275,354 / 110,271H
 - ADDITIONAL LAND REQUIRED AREA = 18,384 / 17,311H
 - AP AREAS
 - HA RECTANGLES

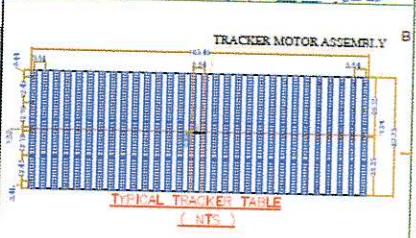
I. DIMENSION AND CREATIONAL BOUNDARIES

A	PLANT EQUIPMENT / MATERIAL	BY PROJECT HOLDER
B	PROVISIONS LINE	ACCORDING TO ENERGY SELF RULY SCHEME
C	INTERMEDIATE INVERTER ROOM AT SUBSTATION	ACCORDING TO ENERGY SELF RULY SCHEME

II. TOLERY POINT - AT THE 10KV SWITCHING STATION AT PROJECT PLANT

III. POINT OF CONNECTION

A	FEED BACK ON VOLTAGE	120 KV
B	INTERMEDIATE SUBSTATION NAME	-
C	LEAST INVERTER PLANT AND SUBSTATION	-



ISSUED FOR INFORMATION

DRAWING DESCRIPTION	REVISION	DATE	BY
A	ISSUED FOR INFORMATION		
B	ISSUED FOR APPROVAL		
C	ISSUED FOR CONSTRUCTION		
D	AS BUILT		

SCALE: 1:3500
 SHEET NO: 1 OF 1