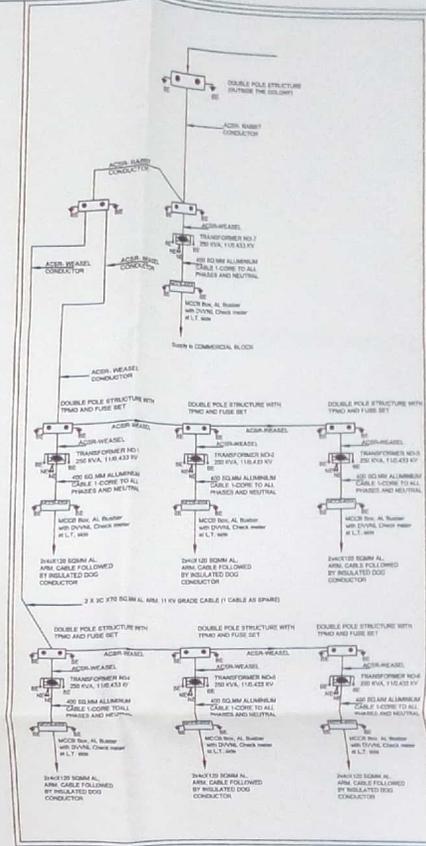
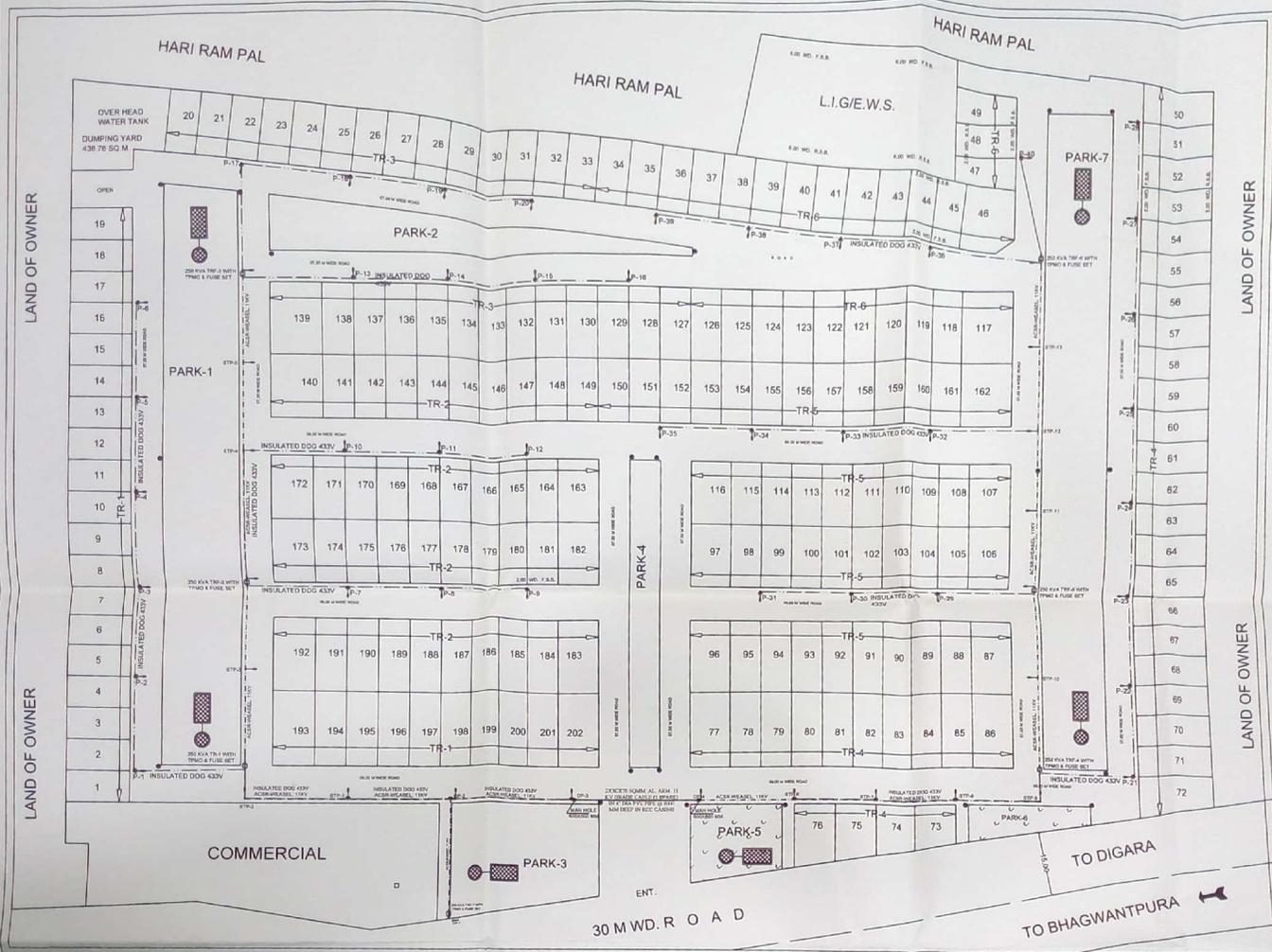


ELECTRICAL LAYOUT PLAN, SANSKAR VALLEY, JHANSI



RESIDENTIAL LAYOUT PLAN FOR:
OWNER-CAPITAL REALCON PVT. LTD.
 SHRI RAMESH CHANDRA GUPTA
 S/O LATE SHRI RAJA RAM GUPTA
 RAO 1499 JANKI PURAM COLONY CIVIL LINE JHANSI
 ARAZI NO-1359, 1369, 1367, 1365
 AT MOUZA DIGARA JHANSI

LEGEND :

S.No.	SYMBOL	DESCRIPTION
1.	[Symbol]	PLOT LINE
2.	[Symbol]	FEEDER PILLAR BOX
3.	[Symbol]	HIGH TENSION LINE
4.	[Symbol]	LOW TENSION LINE
5.	[Symbol]	STREET LIGHT
6.	[Symbol]	11 METER DOUBLE POLE
7.	[Symbol]	1 METER SINGLE POLE
8.	[Symbol]	9 METER SINGLE POLE
9.	[Symbol]	TRANSFORMER ON DP

NOTES:

- LOW TENSION & HIGH TENSION LINES / CABLES SHALL BE LAID AS PER ACT 1956.
- DISTANCE BETWEEN THE EARTH PITS SHALL BE MINIMUM 2000 MM.
- EARTH STRIP SIZE IS 50 X 9 MM G.I.
- IN CASE PIPE EARTHING PIPE SIZE IS 40 MM G.I. PERFORATED, 2 MM THICK AND MINIMUM 3000 MM LONG.
- IN CASE OF NEUTRAL EARTHING PLATE EARTHING HAS BEEN USED WITH 600 MM X 600 MM X 8 MM THICK G.I. PLATE AND KEPT AT 3000 MM DEEP.
- EARTH ELECTRODE ARE INSTALLED IN ACCORDANCE WITH IS 3043, 1966. CODE OF PRACTICE FOR EARTHING. EACH TRANSFORMER CONTAINS 4 EARTHINGS (2 FOR NEUTRAL AND 2 FOR BODY).
- ALL THE DIMENSION ARE IN MM.
- 3 NOS. LIGHTING ARRESTERS ARE ALSO USED AT EACH TRANSFORMER.
- CHART OF INSTRUCTIONS FOR RESTORATION OF THE PERSONS SUFFERING FROM ELECTRICAL SHOCK, DANGER BOARD, FIRE FIGHTING EQUIPMENTS ARE FIXED.
- PROPOSED 11 KV LINE IS WITH UNDER GROUND 11 KV GRADE 3 CORE 75 SQMM AL. ARM. CABLE IN RCC CASING.
- 1CX 400 SQ. MM. PVC AL. ARM. CABLE HAS BEEN USED FROM LT SIDE OF 250KVA TRANSFORMER TO MICOR BOX.
- FROM MICOR PANEL TO METER FEEDER PILLARS, 4C X 75 SQ. MM ALUMINUM ARMBOURED PIPE CABLES ARE USED.
- SAFETY FACTOR IS CONSIDER IN CABLE LOADING.
- ALL THESE CABLE ARE UNDERGROUND IN TRENCHES 750 MM DEEP, WHILE AT ROAD CROSSING PVC PIPE ENCASED IN RCC ARE LAID AT 750 MM DEEP.
- SUBSTITUTION FINISHING SHALL BE OF EXPANDED METAL AND 1800 MM IN HEIGHT.
- PUNTH LIGHTING OF TRANSFORMER AND CONTROL MICOR PANEL SHALL BE KEPT HIGHER THAN THE MAXIMUM FLOOD AND STORM LEVEL UP THAT AREA.
- TRANSFORMER DETAILS WILL BE GIVEN IN HT DECLARATION FORM.
- TRANSFORMERS ARE 7.5, 250 KVA. AND ALL THE MOUNTED AT PUNTH AT 1000 MM HIGH.
- LENGTH OF LT CABLE BETWEEN TRANSFORMER AND MICOR PANEL IS LESS THAN 20 METERS.
- DRAWING IS NOT TO SCALE.
- THE PROPOSED INSTALLATION SHALL BE MAINTAINED BY DYVAL. AFTER COMPLETION OF WORK, METERING WILL BE DONE BY DYVAL ON LT SIDE TO VARIOUS CONSUMERS.
- PROPOSED LAYOUT PLAN 7 X 290 KVA, 'SANSKAR VALLEY' OF M/S CAPITAL REALCON P. LTD AT ARAZI NO-1359, 1369, 1367, 1365 AT MOUZA DIGARA, JHANSI.

CONSULTANTS:

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DATE: 15.06.2017

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 BEE CERTIFIED ENERGY AUDITOR
 CHARTERED ENGINEER

DRAWING TITLE:
 ELECTRICAL LAYOUT PLAN

LANTERN ARCHITECTS
 ARCHITECTURE INTERIOR DESIGN LANDSCAPE DESIGN

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