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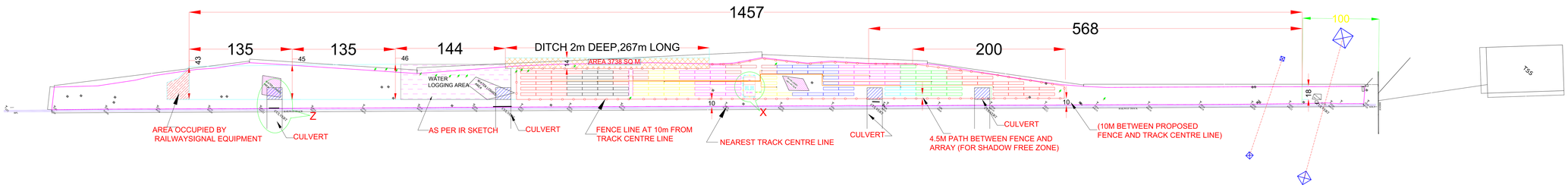

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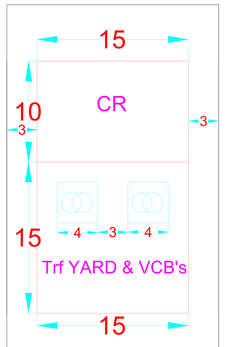

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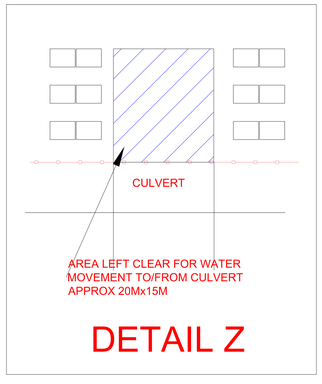
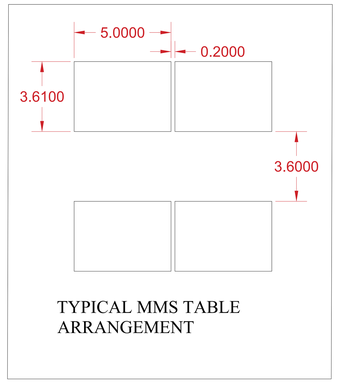


DETAIL Z



TYPICAL MMS TABLE ARRANGEMENT

CABLE LENGTH FROM SMB TO CR

SL NO	SMB NO	LENGTH (M)
1	S1	347
2	S2	259
3	S3	225
4	S4	171
5	S5	110
6	S6	44
7	S7	31
8	S8	49
9	S9	110
10	S10	163
11	S11	198
12	S12	259

WATER LOGGED AREA MARKED IN IR SKETCH IS UNUSEABLE FOR PV ARRAY.

CR — CONTROL ROOM

Trf YARD — TRANSFORMER YARD WITH VCB's.

AREA DETAILS:
1.TOTAL FENCED AREA - 28931 SQM.
2.AREA OF CR AND TrF YARD - 375 SQM.
3.LENGTH OF FENCE - 1500 M APPROX.

NOTE:
1.TOTAL NUMBER OF MMS TABLES - 580 Nos
2.TOTAL ARRAY CAPACITY - 2x900 KWp
3. SKEW OF ACTUAL NORTH DIRECTION OF APPROX 48° IS NOT CONSIDERED
4.WATER LOGGING PRONE AREA NEAR CULVERT MARKED OUT AS PER IR PRELIMINARY SKETCH.
5.AVERAGE WIDTH OF SITE, FENCE TO FENCE IS 40M APPROX.

NOTE:
1.REVISED LAYOUT AS PER IR TOPO SURVEY PLAN DATED 02.03.19 DWG No. :- BPL/TRD / SOLAR PLANT / SUW / 01 DTD.
2.ARRAY LAYOUT MAY UNDERGO SLIGHT MODIFICATION DURING EXECUTION BASED ON OBSTACLES ENCOUNTERED SUCH AS OUTSIDER'S FENCING, ELECT POLE, KUTCHA DRAIN WAY, DITCHES, RAILWAY EQUIPMENT/CABLES ETC. PRESENT.

ALL DIMENSIONS ARE IN METERS.

PROJECT: 2x900KWp PILOT PV PLANT FOR TRACTION APPLICATION
CUSTOMER: INDIAN RAILWAYS.

REV.	DATE	ALTERED / CHECKED / APPROVED
02	25.03.19	ALTERED M; CHECKED RK; APPROVED MS — SMB LOCATION MARKED
01	12.03.19	ALTERED M; CHECKED RK; APPROVED MS

	NAME	SIGN	DATE
DRAWN	M		07.03.19
CHECKED	RK		07.03.19
APPROVED	MS		07.03.19

DISTRIBUTION OF PRINTS

DEPT. | CODE

BHARAT HEAVY ELECTRICALS LIMITED.
ELECTRONICS DIVISION, BANGALORE

TITLE: PV ARRAY LAYOUT AT LAND PARCEL-2, NEAR SUKHI SIWANIYA RLY. STN, BHOPAL

No. OF SHEETS: 01
SHEET No.: 01
REV: 00

BHEL DRG. No. 3-SK-SS-IR-01A

REF. DRG. No.
SIGN. & DATE
INVENTORY No.