



MATERIAL:

1. ALL COLD FORMED STEEL MATERIAL SHALL HAVE A MINIMUM FY=250 MPA.
2. ALL STRUCTURAL BOLT ARE SS304/HDG8.8 GRADE AND SHALL CONFIRM TO IS 4000 UNLESS OTHERWISE SPECIFIED
3. NUTS SHALL CONFIRM TO IS:1363 (PART-3). THE MECHANICAL PROPERTIES SHALL CONFIRM TO PROPERTY CLASS 8 (FOR BOLT OF SS304/KUN80 GRADE) AS SPECIFIED IN IS 1367 (PART-6).
4. MODULE MOUNTING BOLTS SHALL BE M8 STAINLESS STEEL SS304/KUN80.
5. YIELD STRENGTH FOR EACH MEMBER TO BE UPDATED AS PER DESIGN DOCUMENT.

GENERAL NOTES:

1. ALL DIMENSION ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED
2. DO NOT SCALE THE DRG. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. ALL BOLTS SHALL BE SNUG TIGHTENED AND FULL TIGHTNESS TO BE ENSURED BY "TORQUE WRENCH METHOD".
4. FABRICATION AND ERECTION SHALL BE CARRIED OUT IN ACCORDANCE WITH IS:802.
5. BOLT SET :1 BOLT + 1 NUT + 1 SPRING WASHER + 2PLAIN WASHER.

GALVANIZATION:

1. STRUCTURAL MEMBERS SHALL BE GALVANIZED IN ACCORDANCE WITH IS:4759:1996
2. PRE-GALVANIZED MEMBERS SHOULD BE OF 550 / 275 GSM THICKNESS OF COATING.

CONCRETE WORK:

1. FOUNDATION TYPE-PILE
2. PILE FOUNDATION M20 GRADE WITH OPC 43 GRADE CEMENT SHOULD BE USED.

DETAIL : C

DETAIL : A

SIDE VIEW 45°

D:\back up e\MAYUR\CREO\STRUCTURES\		TOLERANCE -		LINEAR DIMENSIONS		ANGULAR DIMENSIONS	
ID NO.:	DATABASE\TRACKER GROUND MOUNT	(EXCEPT AS NOTED) AS PER ISO 2768-C		DIMENSION	TOLERANCE	LENGTH	TOLERANCE
Novus Green Tracker\CREO\		ALL DIMENSIONS ARE IN mm.		0-30	± 0.2	0-10	± 1° -30'
ARS SOLAR TECH PVT.LTD				30-120	± 0.8	10-50	± 1'
				120-400	± 1.2	50-120	± 0.30'
				400-1000	± 2.0	120-400	± 0.15'
				1000-2000	± 3.0	400above	± 0.10'
	NAME	SIGN	DATE	CLIENT:		SCALE:	
DRN. BY	SRB		24.09.18	Novus Green Energy Systems		NTS	
CHKD. BY	MJ		24.09.18	PROJECT NAME : Kateru Pump House, Rajamundry 1025.5KWp		SHEET NO. :	
APPRD. BY	SSS		24.09.18	TITLE: ASSEMBLY-1		01 OF 02	
						DRG. NO. :	

NO.	DATE	ALTERATIONS	DRN. BY	APPRD. BY

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