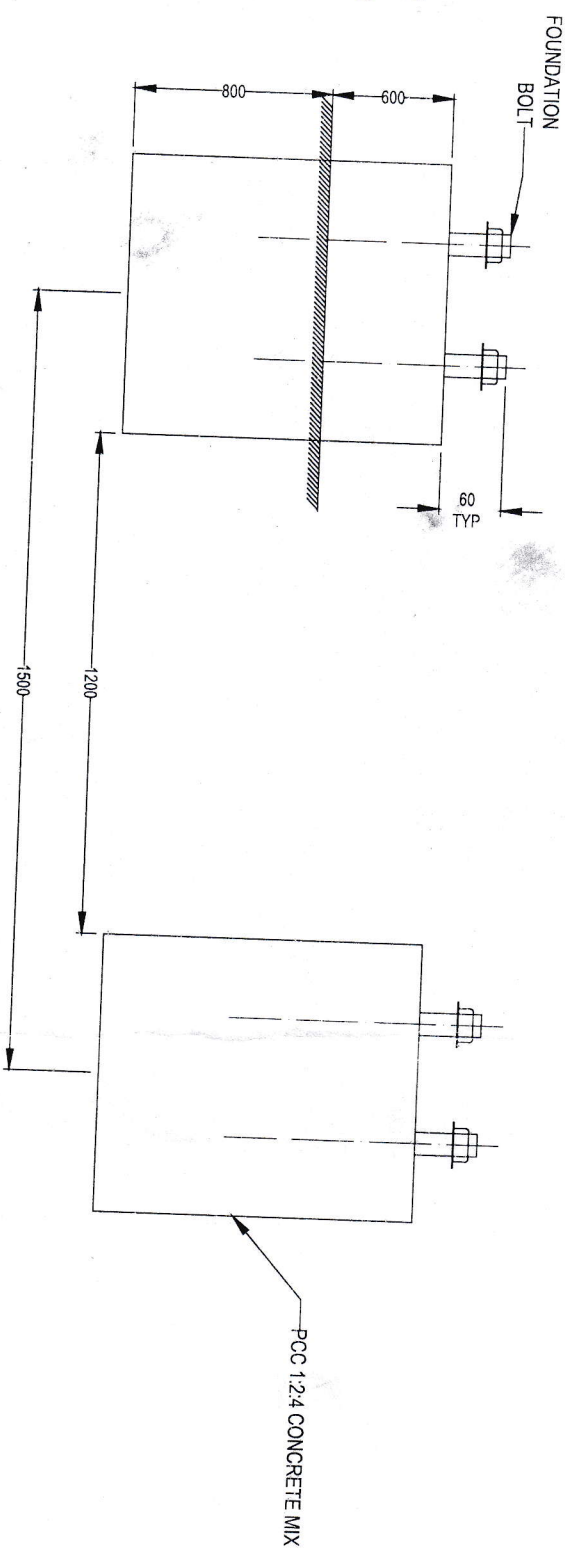
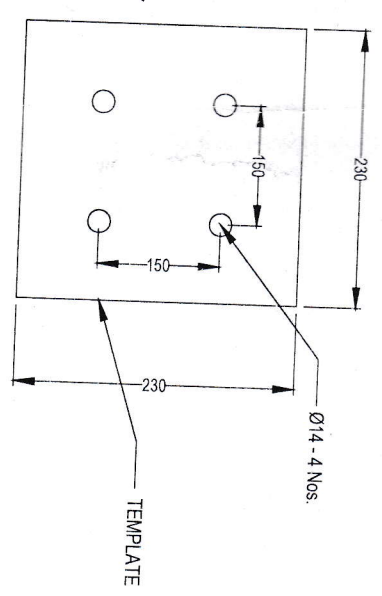
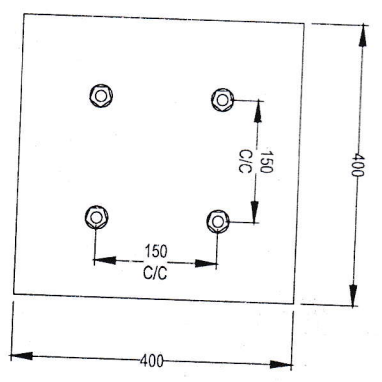


Star foundation
 changing for
 existing site

Zhangang Site

① Nansheng
 ② Robert
 ③ Central
 ④ ~~Bank~~
 ⑤ ~~Shanghai~~

GROUP - 4



FOUNDATION DETAILS (PART-1)

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 COMPANY.

GENERAL TOLERANCES WHERE NOT SPECIFIED		SURFACE FINISH	RA VALUE mm
LINEAR LENGTH	DIAMETER		
0.5 - 6	6 - 30	30 - 120	VVV
± 0.1	± 0.2	± 0.3	VV
120 - 315	315 - 1000	1000 - 2000	V
± 0.5	± 0.8	± 1.2	R

MATERIAL:
 REF-STANDARDS

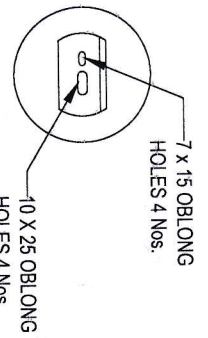
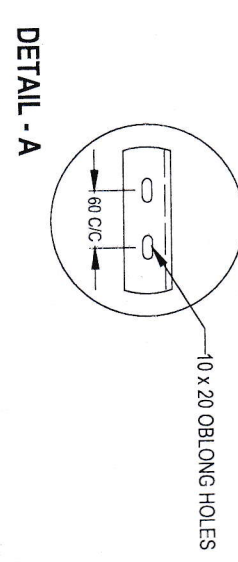
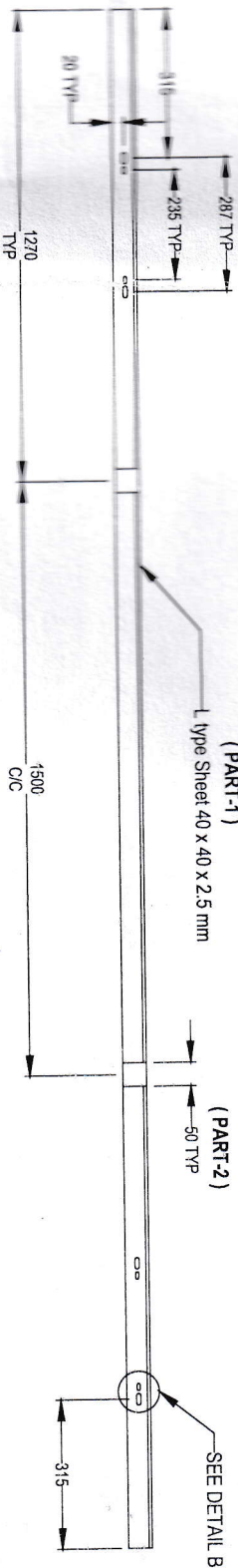
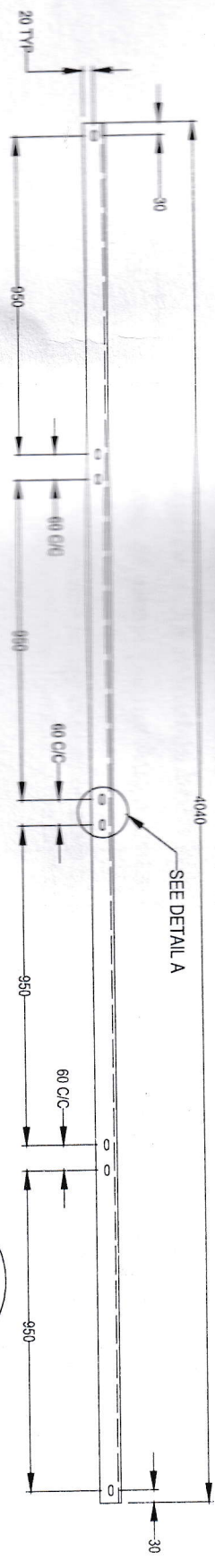
FINISH:
 HOT DIP GALVANIZING
 THICKNESS OF COATING
 80 MICRONS



TITLE:
**4X350wp - SOLAR
 MODULE MOUNTING
 STRUCTURE
 PART -
 (FOUNDATION DETAILS)**

SCALE:		NTS	
DRAWN	DATE	CHECKED	APPROVED
PRASHANT	05/05/2023	KK RAJPAL VIJAY SINGH	ANIL MAHASHUR
DWG. NO. PEPL/SOLAR/17-4	SHEET 5 OF 5	REV. 00	

GROUP - 2



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GENERAL TOLERANCES UNLESS NOT SPECIFIED.	SURFACE FINISH	RA VALUE
LINEAL LENGTH/DIAMETER		mm
0.6 - 6	▽▽▽	0.2 0.4 0.8
6 - 30	▽▽	0.4 0.8 1.2
30 - 120	▽	0.8 1.2 2.5
120 - 315		1.2 2.5 5
315 - 1000		2.5 5 10
1000 - 2000		5 10 20
2000 - 4000		10 20 40
4000 - 10000		20 40 80
10000 - 40000		40 80 160
40000 - 100000		80 160 320

ALL DIMENSIONS ARE IN MM

MATERIAL:
 REF: STANDARDS
 FINISH: HOT DIP GALVANIZING THICKNESS OF COATING 80 MICRONS



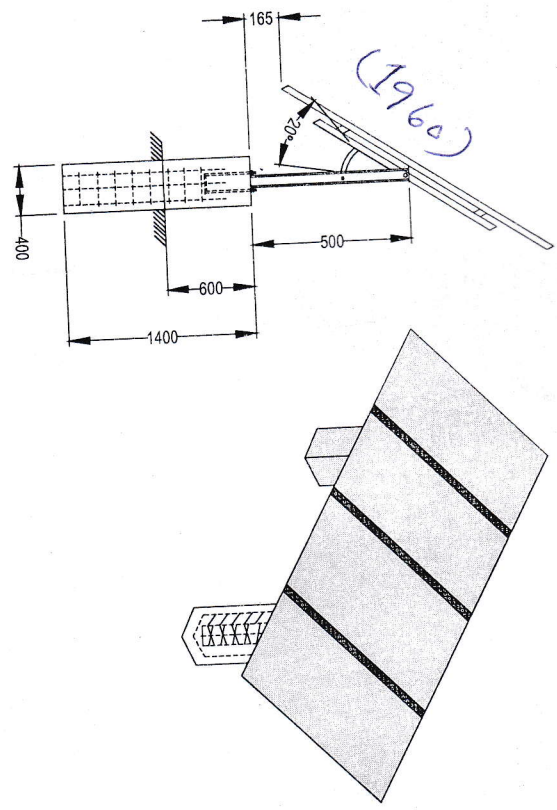
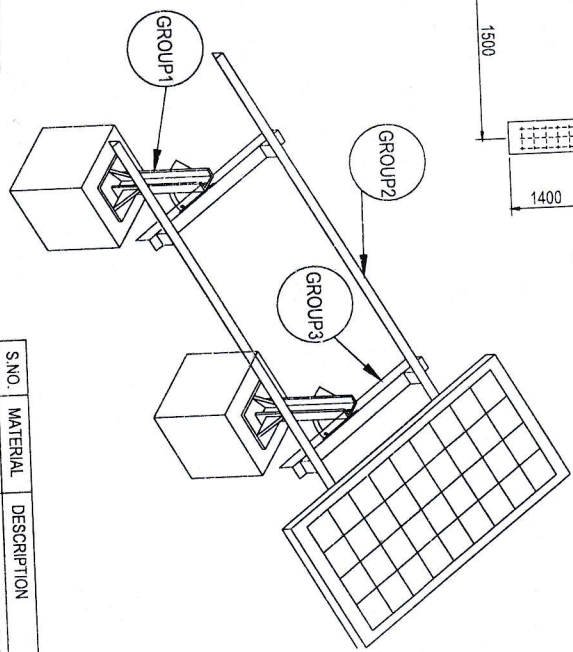
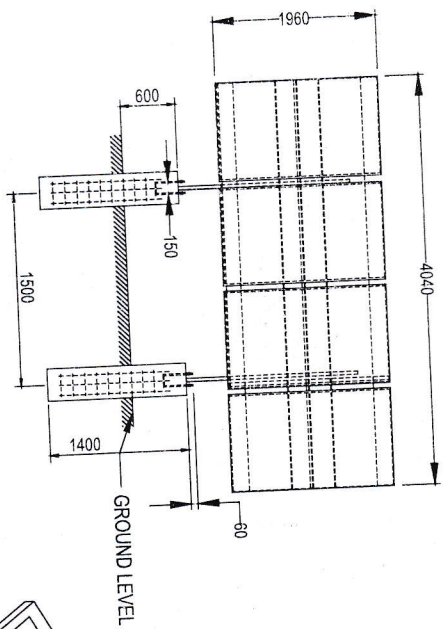
TITLE:
 4X350wp - SOLAR MODULE MOUNTING STRUCTURE
PART - (L - TYPE CHANNEL)

SCALE:	NTS	CHECKED	APPROVED
DRAWN	DATE		
PRASHANT	05/05/2023	KK RAJPAAL	ANIL
DWG. NO. PEPL/SOLAR/17-2		VJAY SINGH	MAHASHUR
		SHEET 3 OF 5	REV. 00

Water :- 902.72@0.45 = 406.22 litrs

Formwork and accessories = 200.00 kg

See here for details of the drawing site



Main bar - 12φ = 8 nos
8φ = 200mm etc

- NOTE:
1. FRAME TO BE BUILT SQUARE & PARALLEL.
 2. REMOVE ALL BURRS AND SHARP CORNERS.
 3. ALL CHANNELS SHOULD BE FREE FROM BENDS & CRACKS.
 4. ALL FASTENERS ARE IN VENDORS SCOPE.
 5. WELDMENT SHOULD BE PROVIDED THROUGHOUT THE LENGTH OF MATING EDGES.

S.NO.	MATERIAL	DESCRIPTION	QTY
1	SS304	M6 X 30, Hex Bolt with Nut, 2 P.L., 1 Spring Washer	16 Nos.
2	SS304	M8 X 50, Hex Bolt with Nut, 2 P.L., Washer, 1 Spring Washer	8 Nos.
3	SS304	M10 X 50, Hex Bolt with Nut, 2 P.L., Washer, 1 Spring Washer	2 Nos.
4	NYLON	Nylon Washer ID 6.5 x OD 15 x 3 mm	32 Nos.

GROUP NO.	PART NO.	DESCRIPTION	DRAWING NO.	QTY
1	1	U CHANNEL, 60x25x4mm, LENGTH 500	PEPUSOLAR/17-1	2 Nos.
	2	PLATE 250x230x6mm THK		2 Nos.
	3	STIFFENER 75x75x4mm THK		8 Nos.
2	1	L TYPE CHANNEL, 40x40x2.5 THK, LENGTH 4040	PEPUSOLAR/17-2	4 Nos.
	2	PLATE 40x40x2.5mm THK, LENGTH 50		2 Nos.
3	1	L TYPE CHANNEL, 40x40x6mm, LENGTH 1087	PEPUSOLAR/17-3	2 Nos.
	2	PLATE 225 X 225 X 6 THK		2 Nos.
4	1	FOUNDATION DETAILS	PEPUSOLAR/17-4	

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GENERAL TOLERANCES WHERE NOT SPECIFIED.	SURFACE FINISH	Ra VALUE mm	MATERIAL:
0.5 - 6	▽▽▽	0.2 0.4 0.8	MS
6 - 30	▽▽	0.5 1.0 1.6	
30 - 120	▽	1.0 1.6 2.5	
120 - 315	R	2.5 4.0 6.3	
315 - 1000		4.0 6.3 10.0	
1000 - 2000		6.3 10.0 16.0	
2000 - 315		10.0 16.0 25.0	
315 - 1000		16.0 25.0 40.0	
1000 - 2000		25.0 40.0 63.0	
2000 - 315		40.0 63.0 100.0	

ALL DIMENSIONS ARE IN MM

FINISH: HOT DIP GALVANIZING THICKNESS OF COATING 80 MICRONS

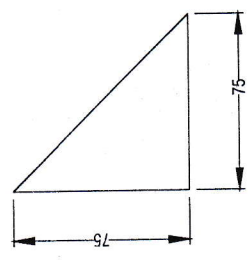
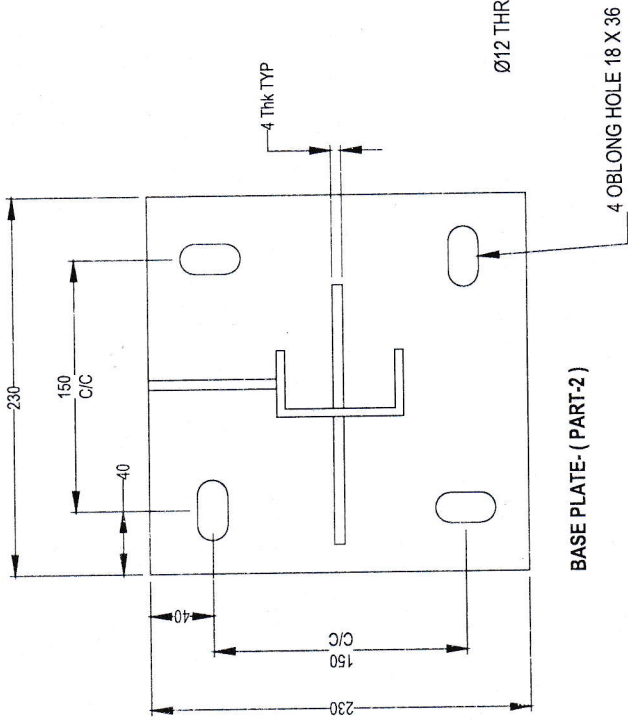
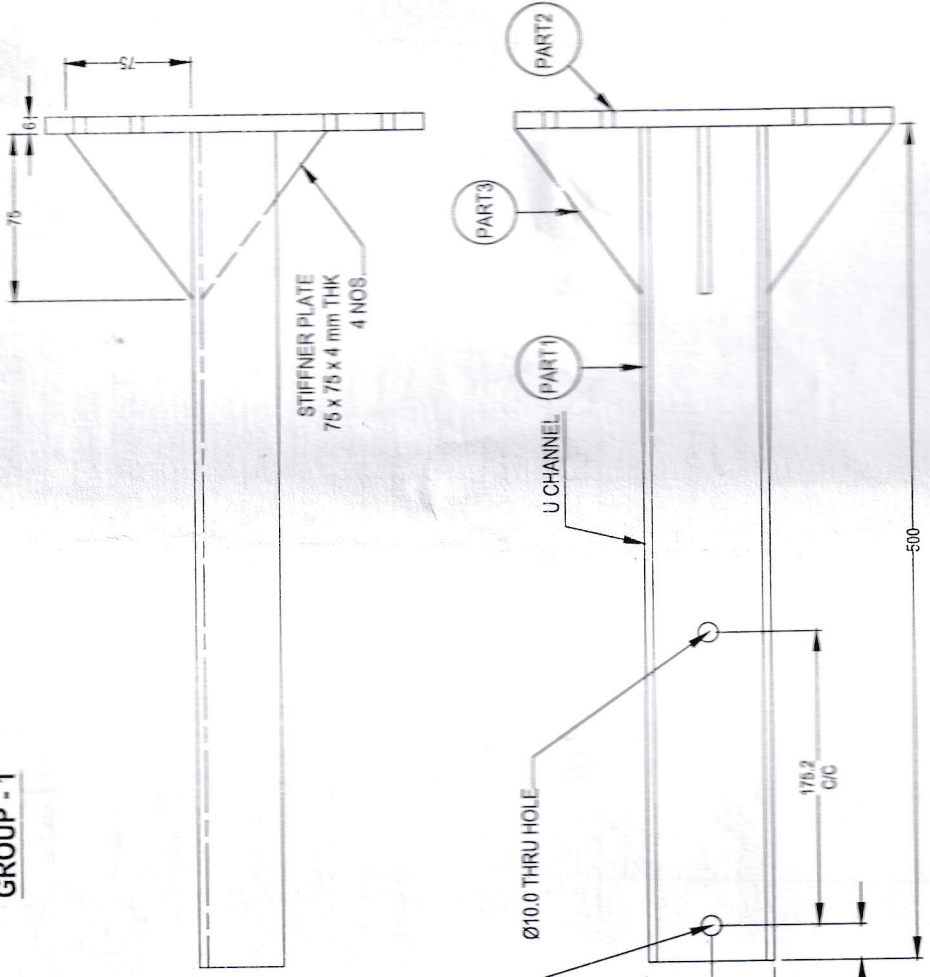


TITLE - 4X350wp - SOLAR MODULE MOUNTING STRUCTURE

PART - (OVER ALL DRAWING)

SCALE:	NTS	CHECKED	APPROVED
DRAWN	DATE		
PRASHANT	05/05/2023	KK RAJPAL	ANIL
DWG. NO. PEPUSOLAR/17		VJAY SINGH	MAHASHUR
SHEET 1 OF 5			
REV. 00			

GROUP - 1



STIFFENER (PART-3)
75 x 75 x 4 mm



TITLE:
4X350Wp - SOLAR MODULE
MOUNTING STRUCTURE
PART - (U-CHANNEL
WITH BASE PALTE & STIFFNER)

SCALE: NTS	DATE	CHECKED	APPROVED
DRAWN	DATE	KK RAJPAL	ANIL
PRASHANT (06/06/2023)		VJAY SINGH MAHASHUR	
DWG. NO. PEPH/SOLAR/17-1	SHEET	REV.	
	2 OF 5	00	

MATERIAL:		REF. STANDARDS
SURFACE FINISH		FINISH:
Re VALUE mm		HOT DIP GALVANIZING
		THICKNESS OF COATING
		80 MICRONS

GENERAL TOLERANCES WHERE NOT SPECIFIED:

LINEAR LENGTH	DIAMETER
0.5 - 6	30 - 120
6 - 30	± 0.3
± 0.1	± 0.2
120 - 315	315 - 1000
± 0.5	± 1.2

ALL DIMENSIONS ARE IN MM

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