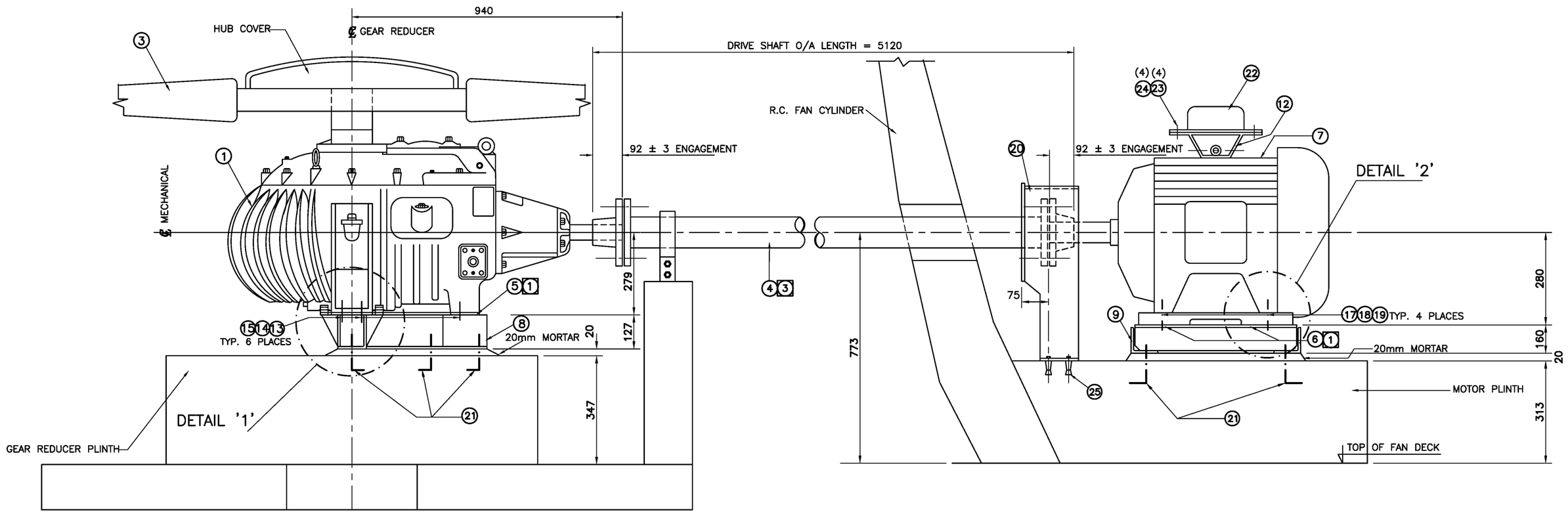
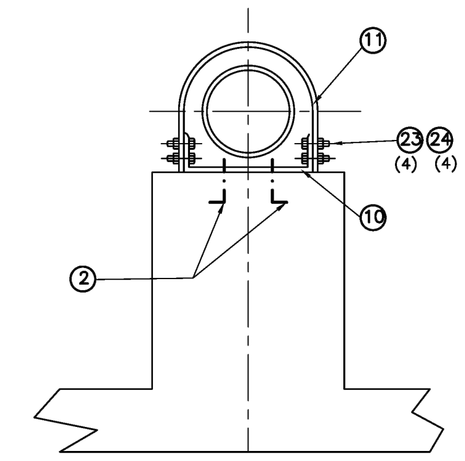
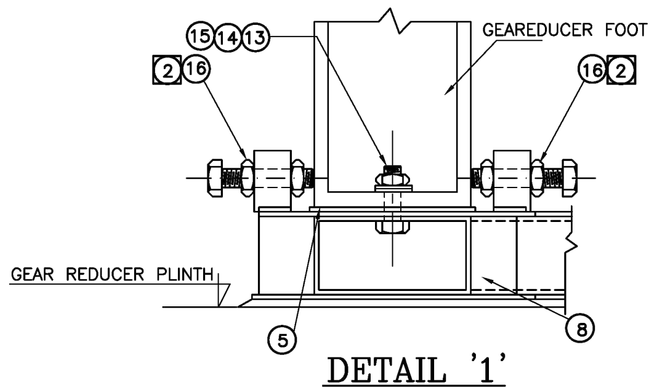


ELEVATION

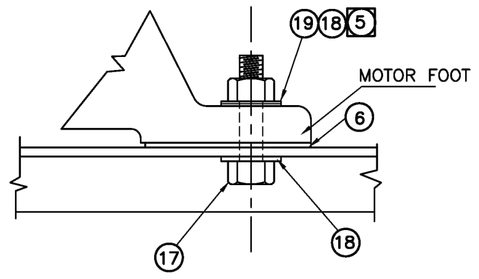
(FOR MOTOR CANOPY DETAIL SEE MOTOR CANOPY INSTALLATION)



SECTION A–A

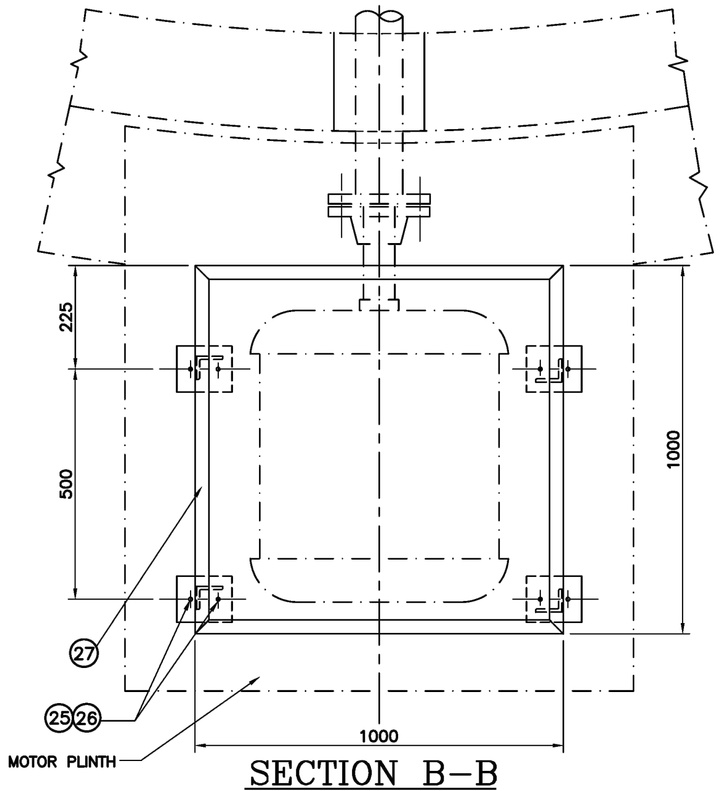


DETAIL '1'

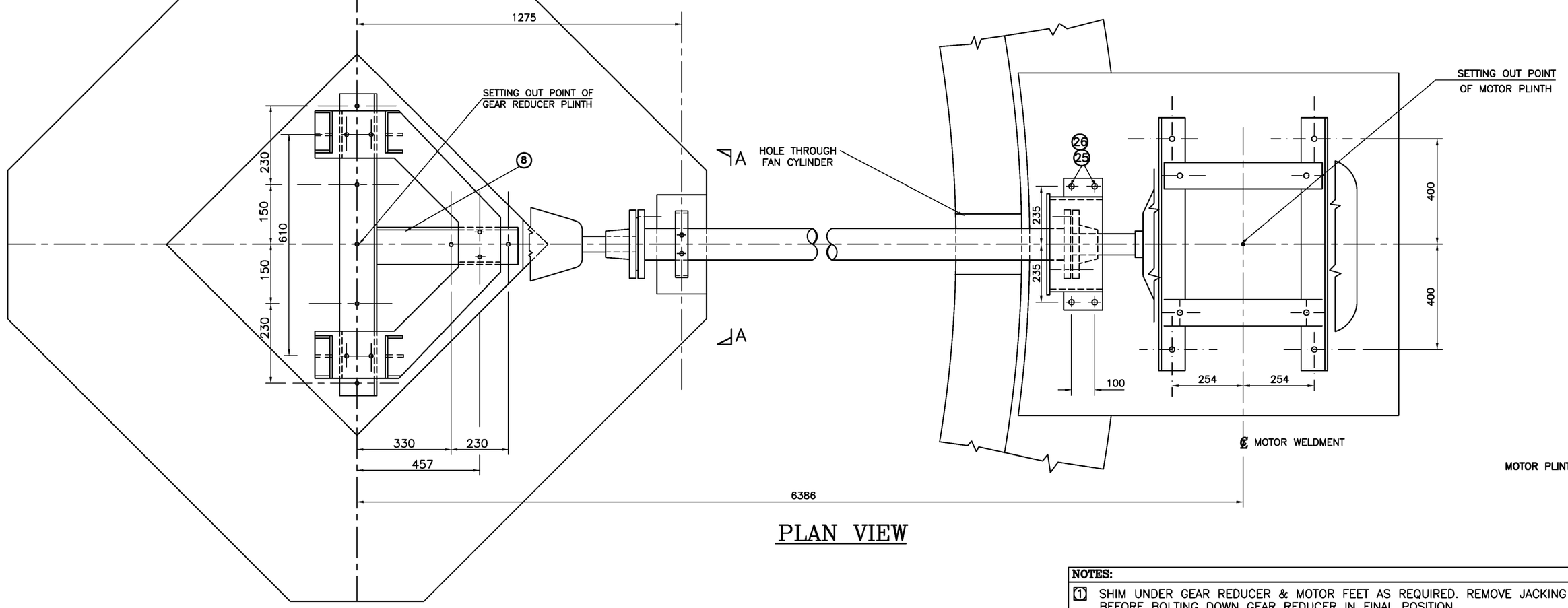


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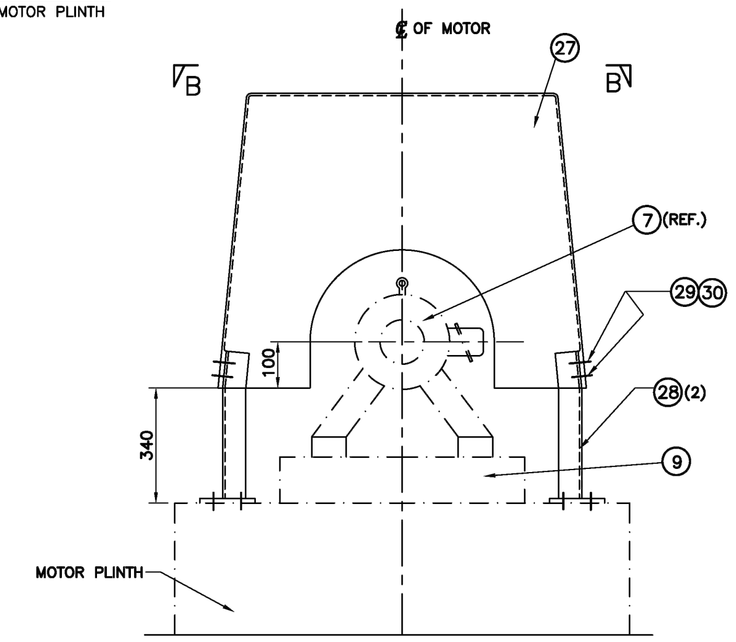
(TYP. @ ALL FOUR MOTOR FEET)



SECTION B–B



PLAN VIEW



CANOPY INSTALLATION DETAIL

ITEM NO.	PART NO.	DESCRIPTION	QTY./ CELL	QTY. /TOWER
1		GRDR. SR. 32.2, RATIO–14.54:1	1	5
2		ANCHOR BOLT 12ø WITH NUT SS–304	2	10
3		HUB & BLADE ASSY. 36'–0 DIA, TYPE= HP–6–8, HDG HARDWARE WITH HUB COVER & ATTACHING HARDWARE	1	5
4		DRIVE SHAFT SR.804, CLASS– II O/A LENGTH = 5120. MOTOR BORE=75mm GRDR. BORE–2 3/8"	1	5
5		SHIM SETS (GEAR RECUDER) SS–304	1	5
6		SHIM SETS (MOTOR) SS–304	1	5
7		MOTOR=120 HP, FRAME SIZE= 280M, MARATHON MAKE	1	5
8		GRDR. WELDMENT HDG.	1	5
9		MOTOR WELDMENT HDG.	1	5
10		DRIVE SHAFT GUARD SUPPORT HDG.	1	5
11		DRIVE SHAFT GUARD HDG.	1	5
12		VIBRATION SWITCH SUPPORT BRACKET HDG.	1	5
13		BN 16 x 75 HDG	6	30
14		WASH. SC. 16 HDG	6	30
15		WASH. LOCK 16 HDG	6	30
16		CAP SCREW 20x75 FULL THD. HEX. HD. WITH 2 NUTS SS–304	4	20
17		BN 20 x 90 HDG	4	20
18		WASH. SC. 20 HDG	8	40
19		WASH. LOCK 20 HDG	4	20
20		COUPLING GUARD HDG	1	5
21		ANCHOR BOLT 24ø WITH NUT HDG	10	50
22		VIBRATION LIMIT SWITCH MODEL MMR–2X	1	5
23		BN 10 x 40 HDG	8	40
24		WASH. LOCK 10 HDG	8	40
25		ANCHOR FASTENER FOR 10 ø BOLT	12	60
26		MB 10 x 50 FULL THREAD HDG	12	60
27		MOTOR CANOPY GRP	1	5
28		MOTOR CANOPY SUPPORT HDG	4	20
29		BN 10 x 30 HDG	8	40
30		WASH. SC. 10 HDG	16	80

NOTES:

1. SHIM UNDER GEAR REDUCER & MOTOR FEET AS REQUIRED. REMOVE JACKING SCREWS BEFORE BOLTING DOWN GEAR REDUCER IN FINAL POSITION.
2. ADJUST CAP SCREW 16 AS REQUIRED TO ALIGN GEAR REDUCER. THEN TIGHTEN JAM NUT TO SECURE GEAREDUCER IN ALIGNED POSITION.
3. ALIGN DRIVE SHAFT.
4. REFERENCE DRGS.: G.A. OF FAN DECK.
5. USE SCW (ITEM 18) UNDER LOCK WASHER WHEN HOLE IN MOTOR FEET ARE OVERSIZE.
6. DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.

BRAHMAPUTRA CRACKER AND POLYMER LIMITED

COOLING TOWER AND COOLING WATER TREATMENT PLANT PACKAGE FOR BRAHMAPUTRA PETROCHEMICAL COMPLEX OF BRAHMAPUTRA CRACKER AND POLYMER LIMITED AT LEPETKATA, DIST.– DIBRUGARH, ASSAM