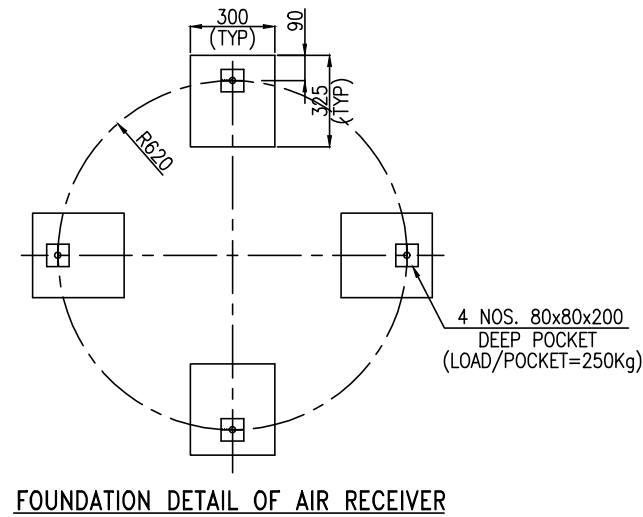
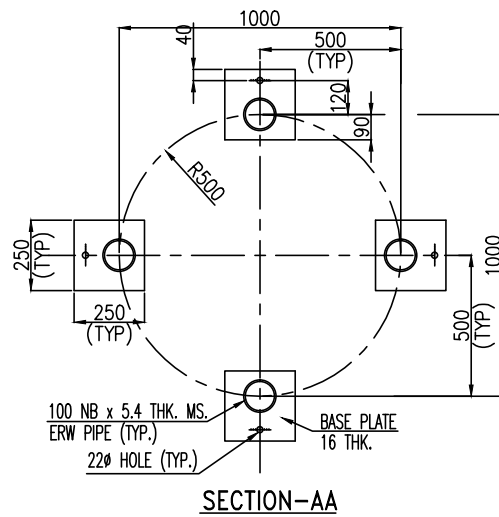
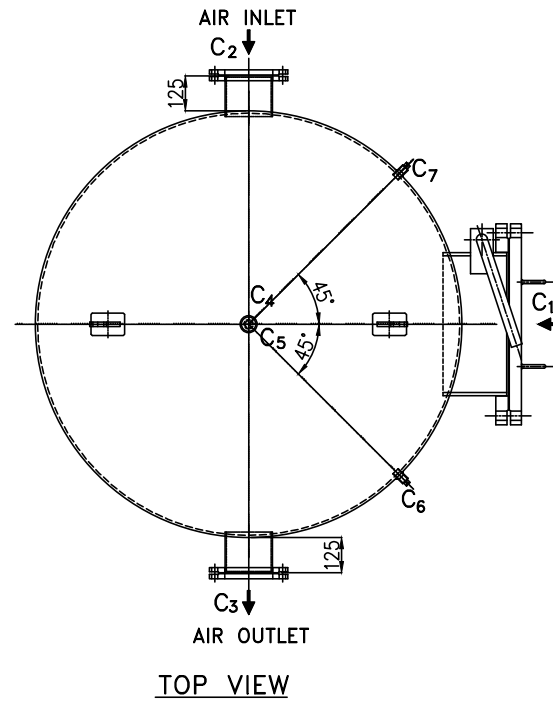
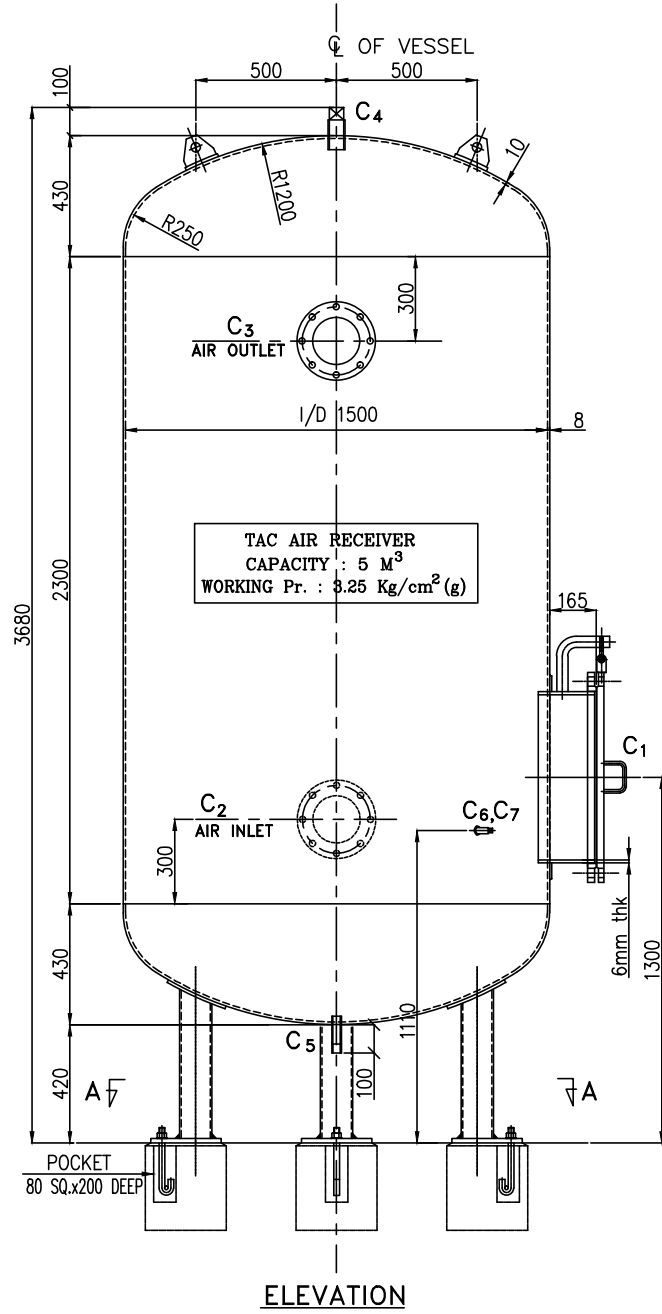


FIRST ANGLE PROJECTION



TECHNICAL DATA		
Working pressure	Kg/cm ² (g)	3.25
Design pressure	Kg/cm ² (g)	4
Design Temperature	Deg	50°C
Operating Temperature	Deg	45°C
Hydraulic test Pressure	Kg/cm ² (g)	16
Fluid Handled	-	air
Corrosion allowance	mm	1.5
Joint efficiency	-	0.85
Design Code	IS: 2825 CLASS - II	
Painting	As per Painting Schedule	
Capacity (Net)	m ³	5
Empty Weight	Kg	1000 (approx.)

- NOTES:-**
- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
 - THE VESSEL IS ALLOWED TO LIFT ONLY WHEN IT IS EMPTY AND PRESSURELESS.
 - MATERIAL OF CONSTRUCTION:-
 - RECEIVER BODY MS, IS: 2062 Gr. E250 A.
 - FLANGES MS, IS: 2062 Gr. E250 A.
 - PIPE : MS, ERW AS PER IS: 3589/IS: 1239 PART-I HEAVY GRADE
 - GASKET : ASBESTOS FREE
 - DRILLING STANDARD FOR ALL FLANGES ARE SUP-ON TYPE AS PER ANSI B16.5 CLASS 150# .
 - FOUNDATION LOAD (STATIC) ON EACH SUPPORT 250 KG.
 - PAINTING SHALL BE AS PER APPROVED PAINTING SCHEDULE
 - INSPECTION & TESTING WILL BE DONE AS PER APPROVED QAP.
 - FOLLOWING ACCESSORIES FOR AIR RECEIVER WILL BE SUPPLIED AT SITE SEPARATELY.
 - PRESSURE GAUGE.
 - SAFETY VALVE
 - AUTO DRAIN TRAP WITH ISOLATION VALVE (TWO WAY GAUGE COCK)
 - TWO WAY GAUGE COCK.
 - ALL RADIOGRAPHY TEST SHALL BE DONE AS PER IS:2825, CLASS-2.

NOZZLE CHART	
C ₁ Manhole:	600 NB
C ₂ Air Inlet:	150 NB
C ₃ Air Outlet:	150 NB
C ₄ Safety Valve:	50 NB
C ₅ Drain:	25 NB
C ₆ Pressure Gauge:	15 NB
C ₇ Pressure Switch:	15 NB

LOCATION	QTY
NEAR COMPRESSOR HOUSE	6 NO.

5 m³ AIR RECEIVER

DO NOT SCALE THE DRAWING POWER PROJECTS DIVISION
PROJECT **IB THERMAL POWER STATION**
2 X 660 MW UNITS 3 & 4

OWNER **ODISHA POWER GENERATION CORPORATION LIMITED**

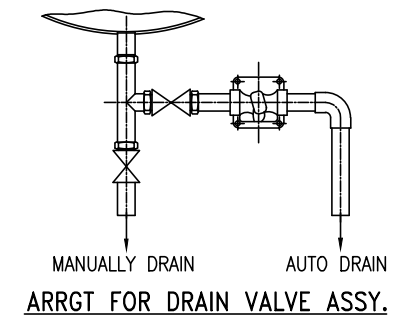
OWNER'S CONSULTANT **DEVELOPMENT CONSULTANTS PVT. LTD.**
CONSULTING ENGINEERS
KOLKATA - INDIA

BOP EPC CONTRACTOR **BGR ENERGY SYSTEMS LIMITED**
CHENNAI, INDIA

AHP VENDOR **BGR ENERGY SYSTEMS LIMITED**
CHENNAI, INDIA

DRN.	NAME	DATE	SHEET NO.	NO. OF VAR.
DRN.	L.BRILLIANTO	16-02-2016		
PRP.	PRASANNA.T.P	16-02-2016		
CHD.	SUBASHISH	16-02-2016		
APPD.	DEBABRATA DE	16-02-2016	A3	N.A.

TITLE **GA OF TAC AIR RECEIVER (COMPRESSOR AREA)**
BOP EPC CONTRACTOR'S DRAWING NO. **GID-208-ME-ETP-XS-5134**
OWNER'S DRAWING NO. -
SCALE -
SHEET No. 1 OF 1



ZONE	REV	DESCRIPTION	DATE	DRN.	CIVIL	MECH.	ELEC.	C&I	H.O.D.
	0	INITIAL SUBMISSION	24-02-16						
REVISIONS			APPROVED						

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