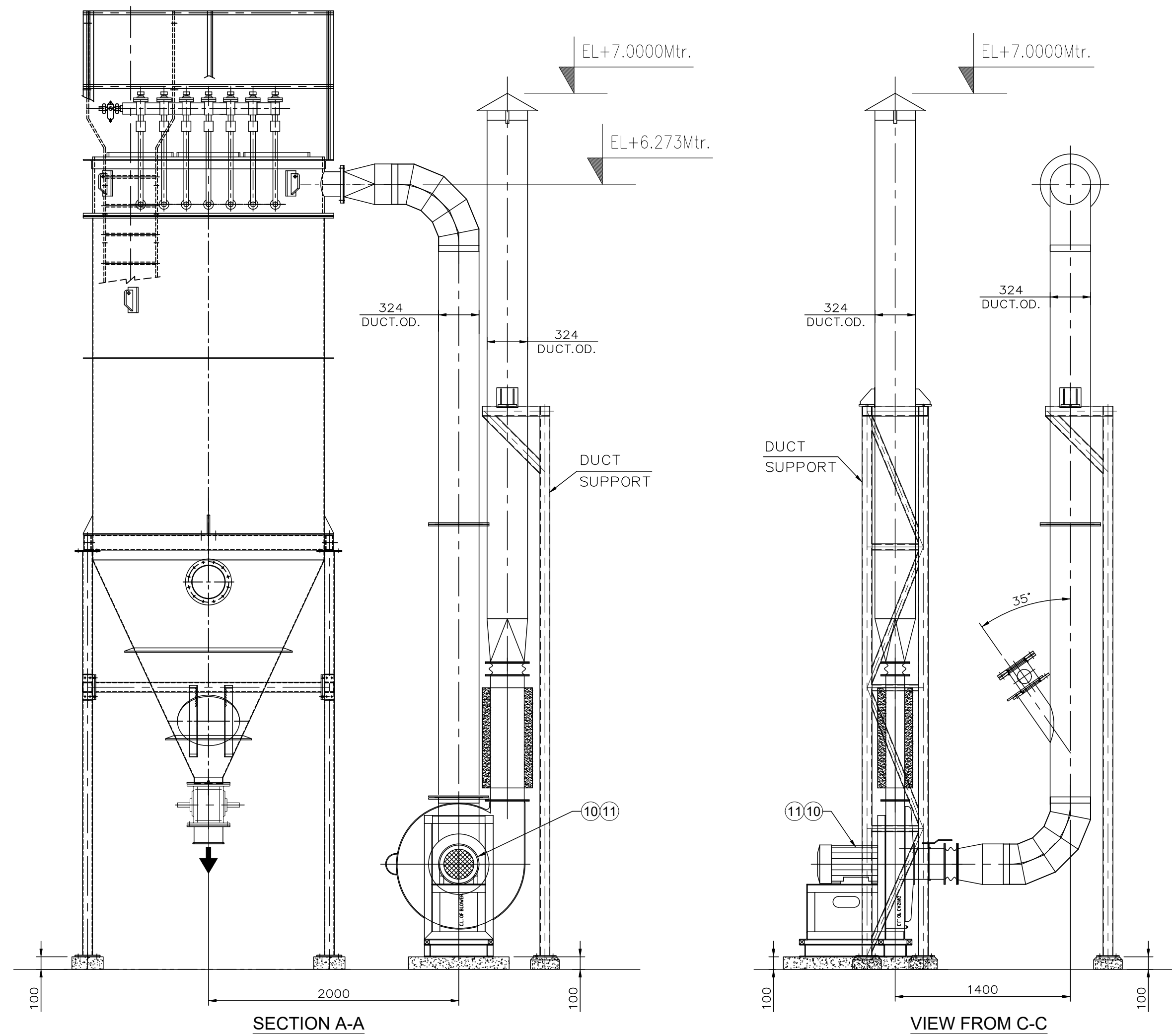




<u>DESIGN DATA</u>		
<u>MATERIAL</u>	:-	CHANA DAL (gram flour)
<u>FEED SIZE</u>	:-	SPLT <u>DAL</u>
<u>CAPACITY</u>	:-	500-700 kg/hr
<u>BULK DENSITY</u>	:-	800-900 kg/m ³
<u>FINAL PRODUCT SIZE</u>	:-	95% (-) 100 to 120 mesh BSS

EQUIPMENT	LOAD IN KG.	
	STATIC	OPERATING
30ACM	900	2250
BAG FILTER+RAL AL200	2500	3500
FAN	615	800

OPTION-2

NOTES:--

- # ALL DIMENSIONS ARE IN MM UNLESS NOTED.
- # DO NOT SCALE THE DRAWING.
- # IF IN DOUBT, PLEASE ASK.
- # ALL DUCTING TO BE SUPPORTED BY CLIENT SUITABLY AT SITE.
- ★ # COMPRESSED AIR REQD. 17NM³/Hr CLEAN DRY & OIL FREE
COMPRESSED TO 6TO 8kg/cm²g TO BE ARRANGED BY CLIENT.
- # ALL MOTORS ARE SUITABLE TO 3Ph, 415V ±10%, 50Hz ±5% SUPPLY
WITH IP-55 ENCLOSURE, F-CLASS INSULATION, 45° AMBIENT
- # GASKET - WHITE NEOPRENE RUBBER FOOD GRADE
- # PAINT SPECIFICATION-COAT 1 - EPOXY GREY E8214 PRIMER W HARDENER
COAT 2 - PU WHITE RAL9003 GL W HARDENER.

12		1	DUCTING	MS		
11		1	MOTOR FOR FAN(B-3 MOUNTING)	STD	25HP	
10		1	FAN WITH SILENCER	MS		
9		1	GEARED MOTOR FOR RAL(B-6 MOUNTING)	STD	0.5HP	
8		1	RAL BELOW BAG FILTER	CI/MS	AL-200	
7		1	BAG FILTER TRL	MS	49H-8 CYLTR	
6		1	CLASSIFIER MOTOR (V-1 MOUNTING)	STD	7.5HP	
5		1	MAIN MOTOR (V1 MOUNTING)	STD	30HP	
4		1	MILL	CI/MS	30ACM	
3		1	GEARED MOTOR FOR RAL(B-6 MOUNTING)	STD	0.5HP	
2		1	RAL (FEED)	CI/MS	AL-200	

SR.No	PART No.	QTY	DESCRIPTION	MATERIAL	SIZE	REMARK
CLIENT			--			
CONSULTANT			--			
RIECO'S S.O.No.			--			
CLIENT'S P.O.No.			--			

	RIECO INDUSTRIES LTD. 1162/2 SHIVAJINAGAR,BEHIND OBSERVATORY,PUNE-411 005 (INDIA)				DATE		
			SIGN	D	M	Y	
	DRAWN		SRK	05	11	2025	
	CHECKED		NSP	05	11	2025	
TITLE <u>30 ACM PLANT LAYOUT</u>		APPROVED		NSP	05	11	2025

91	REFERENCE DRG. No.								SCALE	DRAWING No										REV.	SHEET
725									1:30	A x x x x x x x x x x x x x x										0	1 OF 1
7	REPLACES DRG. No.																				

REV	ZONE	DATE		DESCRIPTION	DRAWN CHECK

UNGRADED DEVIATIONS LINEAR DIMENSIONS			ALL DIMENSION ARE TO DEBUR CORNERS 0.345"												
GRADE	MAXIMUM RANGE	FABRICATION	UNGRADED CHAMFER 0.545" DO NOT SCALE IF IN DOUBT. AS												
3-6	0.05	±0.2	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF RICO INDUSTRIES LTD. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT PERMISSION OF THE WRITER RICO INDUSTRIES LTD. PROHIBITED.												
6-30	±0.1	±0.2													
30-120	±0.15	±0.2													
120-400	±0.2	±1.2													
400-1000	±0.3	±2													
1000-2000	±0.5	±3													
GRADE	MAXIMUM RANGE	FABRICATION													
3-6	0.05	±0.2													
6-30	±0.1	±0.2													
30-120	±0.15	±0.2													
120-400	±0.2	±1.2													
400-1000	±0.3	±2													
1000-2000	±0.5	±3													
ROUGHNESS VALUE-Ra-μm	GRADE	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1	0.008	0.01
50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025	0.0125	0.0063	0.00315	0.001575
ROUGHNESS SYMBOL															