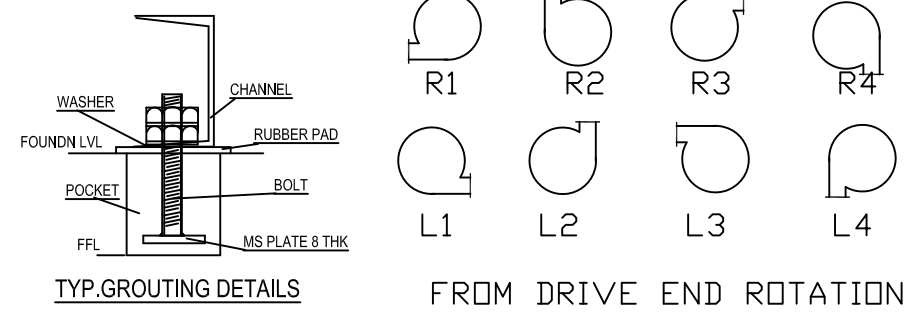
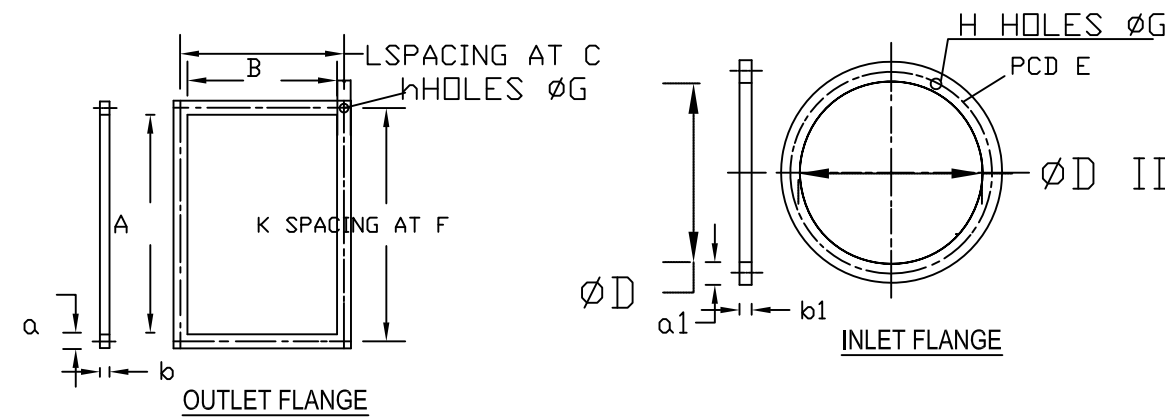
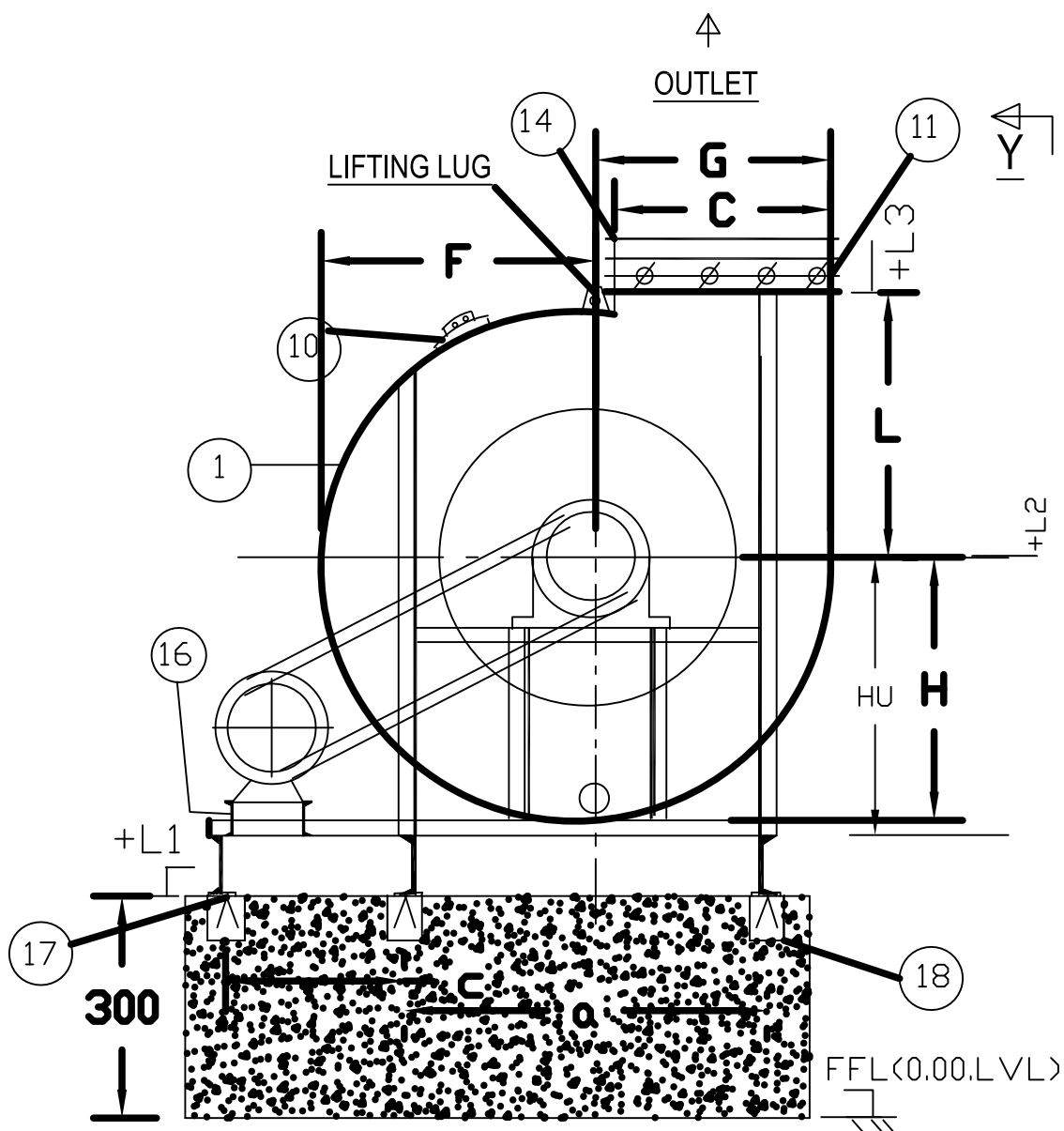
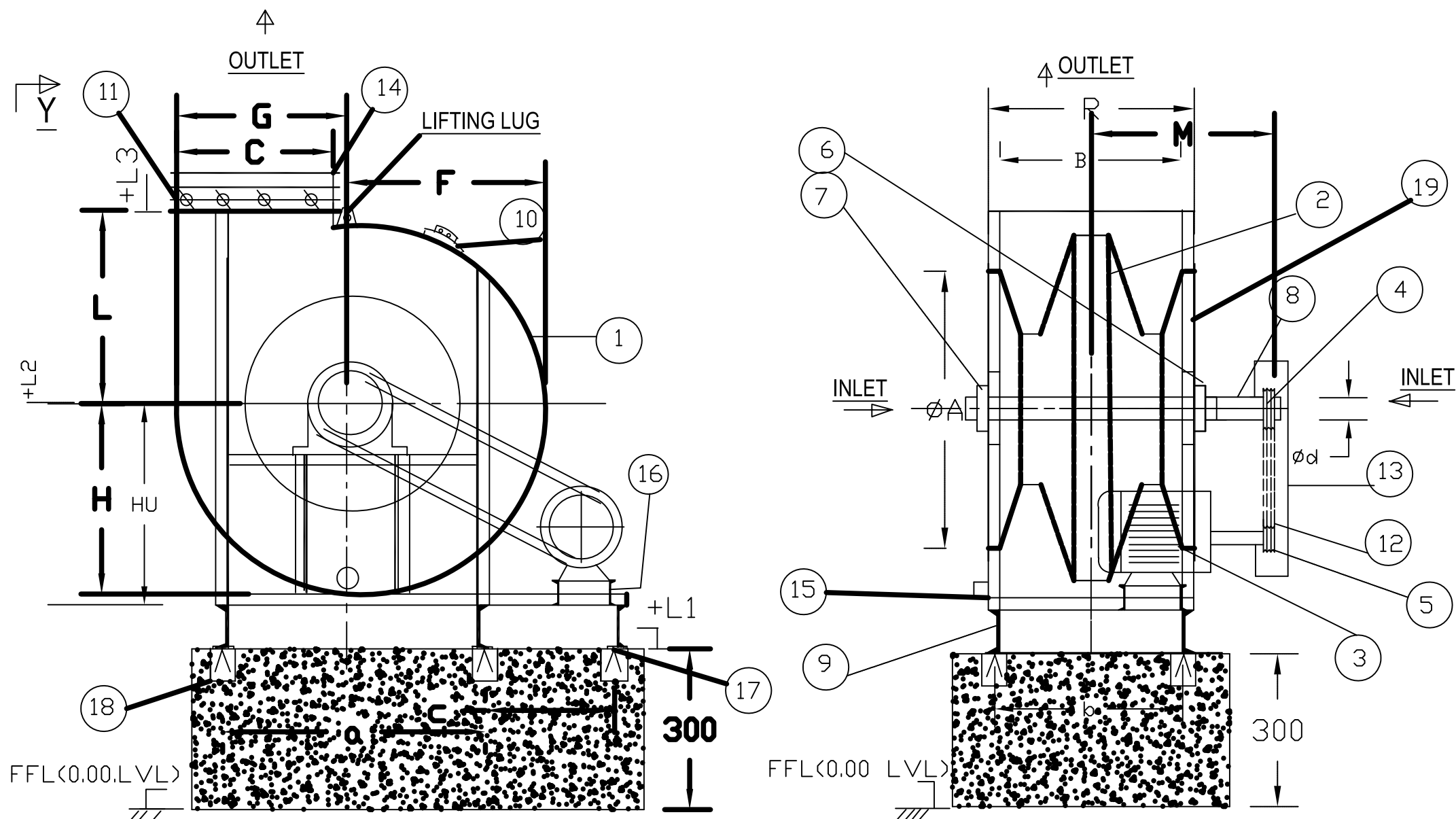
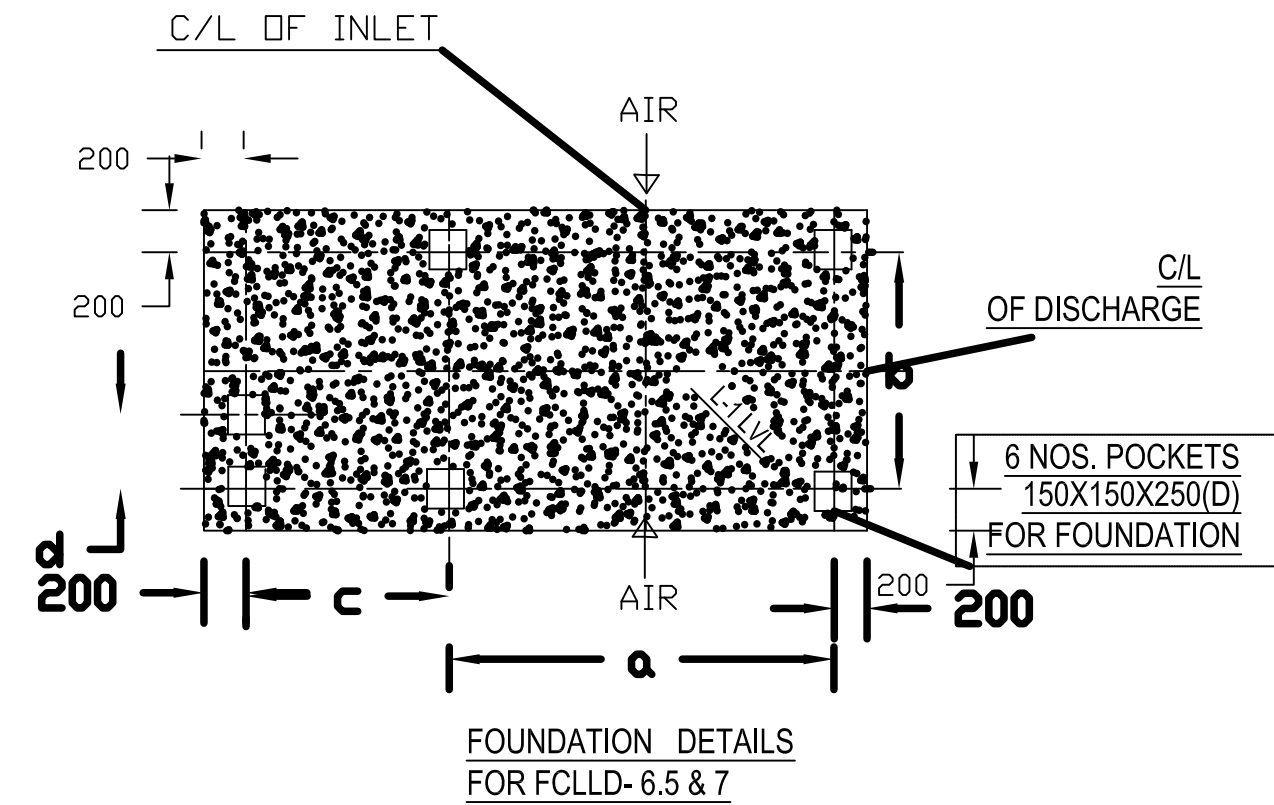
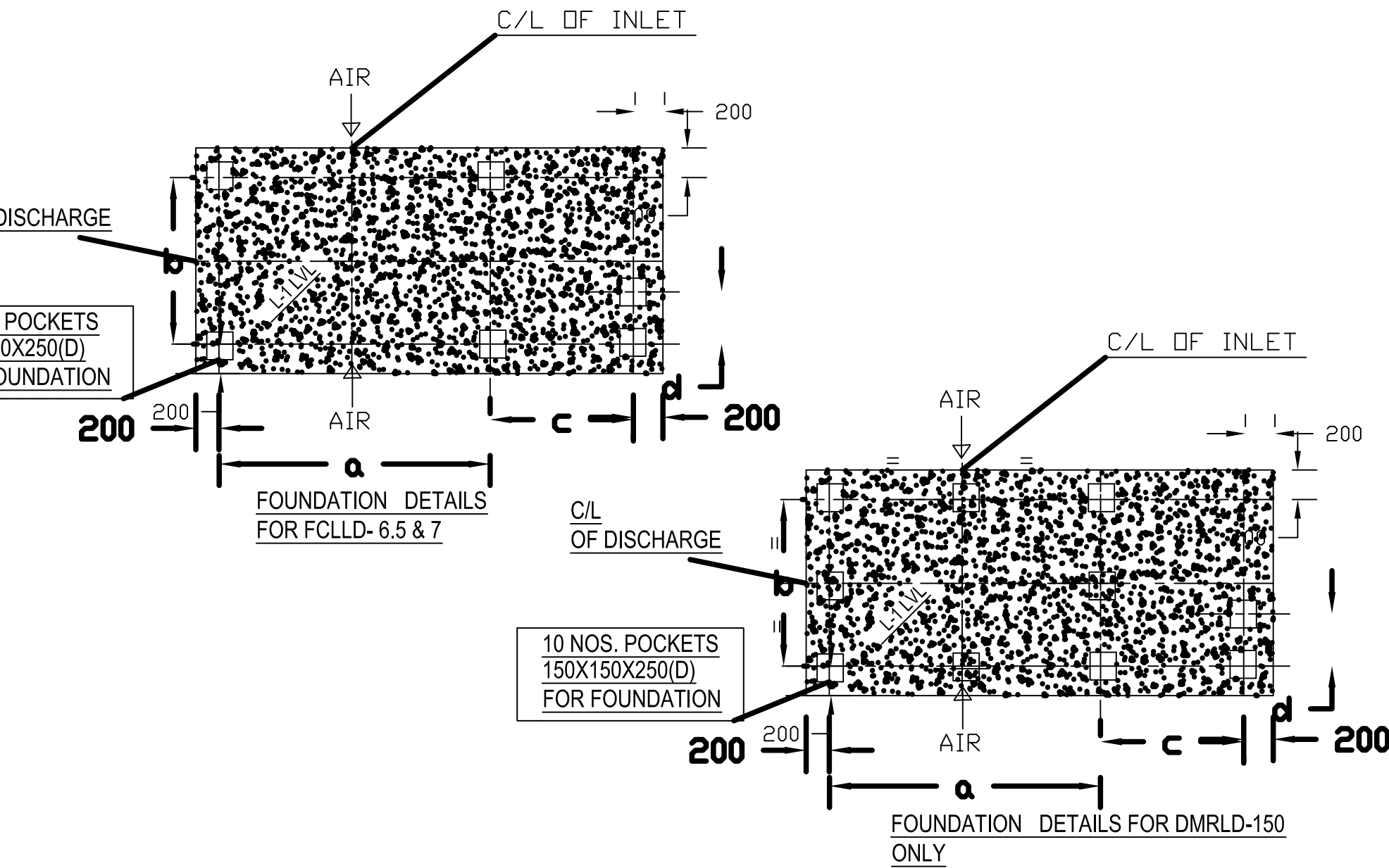


IF IN DOUBT
ASK FLOW LINK



19	2	FAN INLET GUARD	1156Ø	1043Ø	1500 Ø	Δ		M.S
18	6	FOUNDATION BOLTS	180X200L	180X200L	180X200L			M.S
17	6	VIBRATION ISOLATING RUBBER PADS	100X100X25THK	100X100X25THK	100X100X25THK			RUBBER
16	2	MOTOR RAILS	ISMC-100	ISMC-100	ISMC-125	FLE		M.S
15	1	DRAIN PLUG	40 NB	40 NB	40 NB	FLE		M.S
14	1	OUTLET CANVAS CONNECTION	1578X1219X200	1422X1104X200	1500X2400X200	Δ		M.S
13	1	BELT GUARD	AS PER REQUIREMENT BY 16 GMS					
12	LOTS	BELTS(NOS)	B' SEC-4 NOS	B' SEC-4 NOS	C' SEC-6 NOS	FENNER		IS-2494
11	1	OUTLET DAMPER	1578X1219X200	1422X1104X200	1500X2400X200	Δ		IS-2062GRA
10	1	INSPECTION DOOR	300X300	300X300	300X300	FLE		IS-2062GRA
9	1	CHANNEL BASE FRAME	ISMC-150	ISMC-150	ISMC-200	FLE		EN-8
8	1	SHAFT(MM)	60	55	100			CI
7	2	PLUMMER BLOCK	SN-613	SN-612	SN-522	SEV/KEV PRABHAT		CI
6	2	BEARING DOUBLE ROW BALL OR SPHERICAL ROLLER BEARING	2313K	2312K	22222 CK	ZKL/HIC/LOCAL		CI-IS-3142
5	1	MOTOR PULLEY	7"-4 B-GR	7"-4B-GR	7"-6C-GR	LOCAL		CI-IS-3142
4	1	FAN PULLEY	17"-4 B GR	13"-4 B-GR	25"-6 C GR	LOCAL		CI-IS-3142
3	1	MOTOR-HP / POLE	25-4 pole	30-4 pole	150-4 pole	BBL/ABB/CGL		IS-325
2	2	FAN IMPELLER BACK PLATE BLADE	6	6	6	FLE		IS-2062GRA
1	1	FAN CASING	4	4	4	FLE		IS-2062GRA
SL NO	QTY NOS	DESCRIPTION	FCLLD-7X3 NOS. DRY SYS.	FCLLD-6.5X6 NOS. WET SYS.	DMRLD-150X5 NOS. WET SYS.	MAKE		MATERIAL

BILL OF MATERIALS



FLANGE DIMENSIONS:

Δ	3		DMRLD-150	1500	2400	175.57	1500	1558	155.8	15	20	10	14	50	10	50	10	48
	2		FCLLD-6.5	1422	1104	165	1043	1093	147.2	15	16	10	7	50	10	50	10	34
	1		FCLLD-7	1578	1219	158.6	1156	1206	162.8	15	16	10	8	50	10	50	10	36
SL NO	SYS. NO	MODEL	A	B	C	ØD	E	F	ØG	H	K	L	a	b	a1	b1	h	

FAN DIMENSIONS:

Δ	3		DMRLD-150	300	2070	3290	1500	2400	1500	1306	1710	1507	1220	1567	1500	100	2538	1680	2538	1500	500	R-2 OR L-2
	2		FCLLD-6.5	300	1384	2190	1043	1422	1104	752	1118	905	806	934	997	60	1552	1118	1492	1000	300	R-2 OR L-2
	1		FCLLD-7	300	1503	2389	1156	1578	1219	829	1235	999	886	1053	1111	65	1708	1194	1648	1000	300	R-2 OR L-2
SL NO	SYS. NO	MODEL	L1	L2	L3	A	B	C	F	G	H	L	HU	M	Q	R	a	b	c	d		ROTATION

TECHNICAL SPECIFICATION OF CENTRIFUGAL FAN

A	3			DMRLD-150	260000	100	80	450	122	78	150- 4 P	1800	18	315 S	2880	3000	240	800	4 W + 1 S
	2			FCLLD-6.5	60000	85	80	780	26	72	30- 4 P	1006	11	180 L	1780	1890	30	1200	4W + 2 S
	1			FCLLD-7	72000	55	50	600	20	72	25- 4 P	1112	11	180 M	1890	1980	38	1100	2 W + 1 S
SL NO	SYS NO	LOCATION / PREMISES	MODEL	AIR.CAPT. CMH	T.PRESS MMWG	S.PRESS MMWG	FAN SPEED RPM	P.CON S BHP	T.EFF% OF FAN	MOTOR HP/POLE	WHEEL DIA MM	OUTLET VELOCITY M/SEC	FR. SIZE OF MOTOR	STAT.LOAD WITH MOTOR(KGS)	DYN.LOAD WITH MOTOR (KGS)	GD2 VALUE KG.M2	CRITICAL SPEED RPM	QTY NOS	

8) FAN SELECTED SHALL CREATE 2-3 MM WG + VE PRESSURE INSIDE THE PREMISES
7) FULLY CLOSED/OPEN/PARTIAL CLOSING POSITION IN OUTLET DAMPER SHALL BE MARKED
6) PAINTING:SHALL BE AS PER GTS
5) MOTORS-TEFC,SQ.CAGE INDUCTION TYPE SUITABLE FOR 415 V+/- 10%;50Hz+/-5%;3-PH AC SUPPLY. PROTECTION: IP-55; INSULATION: CL-F; AMB:50DEG C
4) FANS SHALL CONFORM AS PER IS-4894
3) NOISE LEVEL:< 85 dBA AT 1 M DISTANCE FROM FAN
2) IMPELLERS SHALL BE STATICALLY AS WELL AS DYNAMICALLY BALANCED
NOTES:1) ALL DIMENSION ARE IN MM UNLESS OTHERWISE MENTIONED

CATEGORY OF DRG.	APPROVAL ✓	INFORMATION	RECORD	REFERENCE
CUSTOMER :	IISCO STEEL PLANT, BURNPUR, WB 2.5 MTPA NEW STREAM EXPANSION			
CONSULTANT :	MECON LIMITED मेकॉन लिमिटेड			
JOB NO:	ISP-BHEL-IX011-009-27-DE-00005			
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT	POWER & BLOWING STATION STEEL AUTHORITY OF INDIA IISCO STEEL PLANT, BURNPUR			
BHARAT HEAVY ELECTRICALS LTD. HYDERABAD	NAME	SIGN.	DATE	NO.OF VAR.
	DRN. D. MUKHERJEE		08.01.10	
	CHD. S. BARMAN		08.01.10	-NA-
	APPD. P. KAR		08.01.10	
DEPT. CODE	UNTL. DIMS. GR. Q/MM/F	SCALE NTS	WEIGHT (KG) -NA-	REF. TO ASSY. DRG. -NA-
TITLE GA DRAWING FOR CENTRIFUGAL FAN			CARD CODE NA	DRAWING NO. S10-24507/GA/CE-FAN/R0 SHT. No 01
			REV. 01	ND. OF SHT. 01