



ORIENTATION PLAN

TABLE OF CONNECTIONS & OPENINGS			
REF	SIZE & DESCRIPTION	FLANGE RATING	SERVICE
N1	SEE TABLE	ASME B16.5 CL150RF	INLET
N2	SEE TABLE	ASME B16.5 CL150RF	OUTLET
N3	SEE TABLE	ASME B16.5 CL150RF	DRAIN
N4	SEE TABLE	ASME B16.5 CL150RF	VENT
N5	3/8" BSPF	3000#	DP HIGH (OPTIONAL)
N6	3/8" BSPF	3000#	DP LOW (OPTIONAL)
M1	SEE TABLE	ASME B16.5 CL150RF	MAINTENANCE ACCESS

SIZE	N1	N2	N3	N4	M1	A'	B'	C'	D'	Θ'	Γ'
6°NB CL150RF	6°NB	6°NB	½°BSPT	¼°BSPT	10°NB	600	600	360	55	27.3	225
8°NB CL150RF	8°NB	8°NB	½°BSPT	¼°BSPT	12°NB	725	725	435	60	323.9	260
10°NB CL150RF	10°NB	10°NB	½°BSPT	¼°BSPT	16°NB	875	875	545	63	406.4	320
12°NB CL150RF	12°NB	12°NB	1°BSPT	¼°BSPT	18°NB	1025	1025	645	80	457.2	350
14°NB CL150RF	14°NB	14°NB	1°BSPT	¼°BSPT	20°NB	1175	1175	750	85	508	390
16°NB CL150RF	16°NB	16°NB	1°BSPT	½°BSPT	24°NB	1250	1250	810	87	609.6	450
18°NB CL150RF	18°NB	18°NB	1½°BSPT	½°BSPT	28°NB	1350	1350	860	100	711.2	525
20°NB CL150RF	20°NB	20°NB	1½°BSPT	¾°BSPT	30°NB	1500	1500	970	100	762	575
24°NB CL150RF	24°NB	24°NB	1½°BSPT	¾°BSPT	36°NB	1750	1750	1125	110	914.4	650

DESIGN DATA	
DESIGN CODE	: COMMERCIAL STANDARD
CLIENT SPECIFICATION	: -
DESIGN PRESSURE	: 19.6 BARG
DESIGN TEMPERATURE (MAX/MIN)	: 38°C
HYDRAULIC TEST PRESSURE	: 26.0 BARG
CORROSION ALLOWANCE	: 1.6mm
PROD CONTROL TEST PLATE	: NOT READ
POSTWELD HEAT TREATMENT	: NOT READ
NON DESTRUCTIVE TESTING	: -
INTERNAL FINISH: CLEANED, DESCALED & UNPAINTED.	
EXTERNAL FINISH: PLENTY STANDARD PSI OR TO CLIENT SPECS	

										SCALE 1:10		SIZE & TYPE		ASME B16.5 CL150RF	
										DRN SI		11/11/02		TITLE	
										CHD -		-		ANGLE BASKET GEN. ARRANGEMENT	
										-		-		CUSTOMER	
										STD		MIC		JOB NO.	
										-		-		STANDARD	
										ORDER NO. & PROJECT		DRAWING NO.		REV.	
										-		735060305		A	