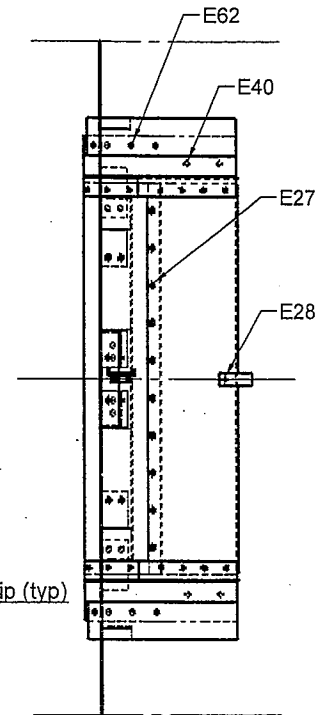


PLAN VIEW

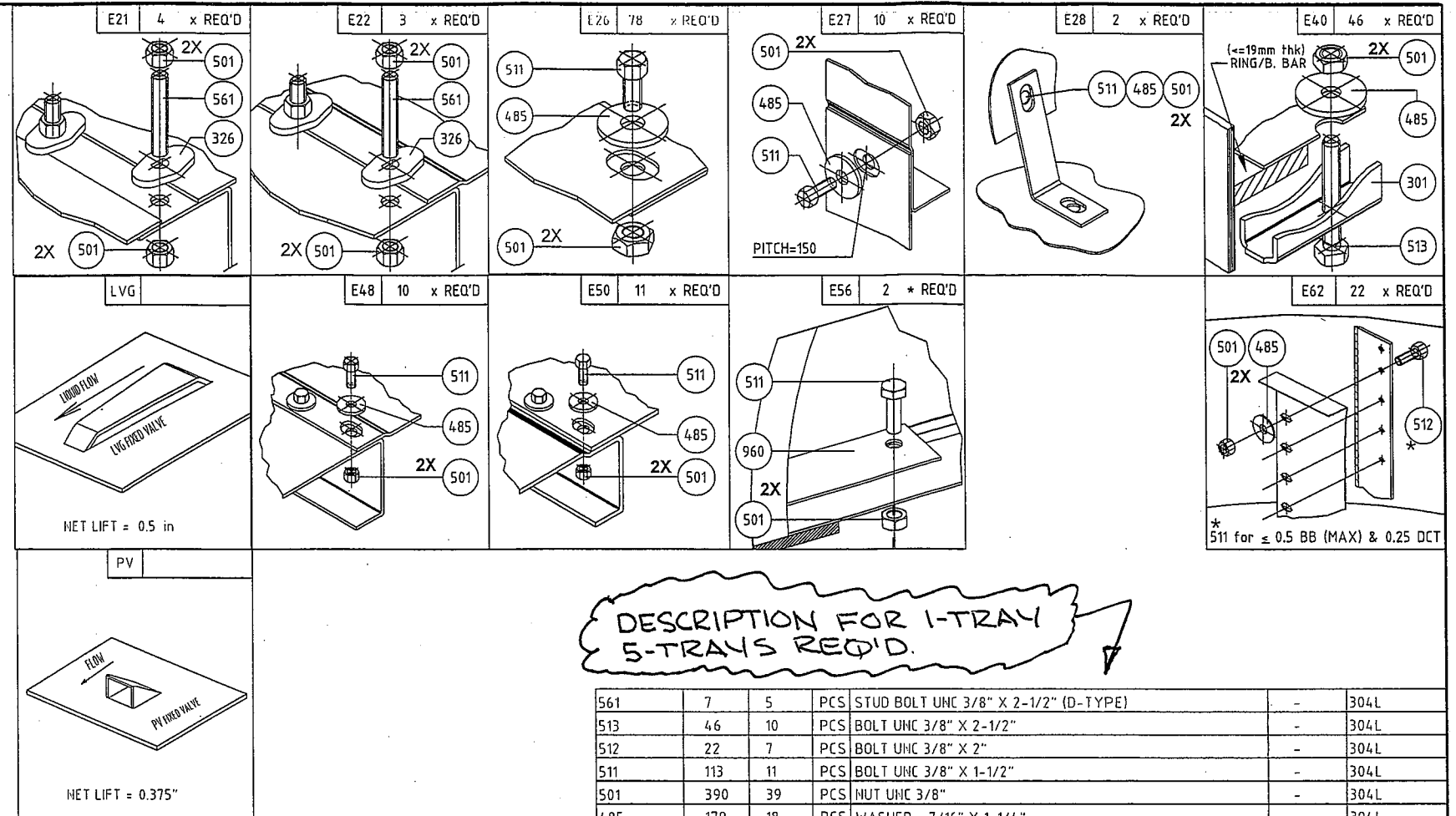
(5- REQ'D)



PLAN VIEW

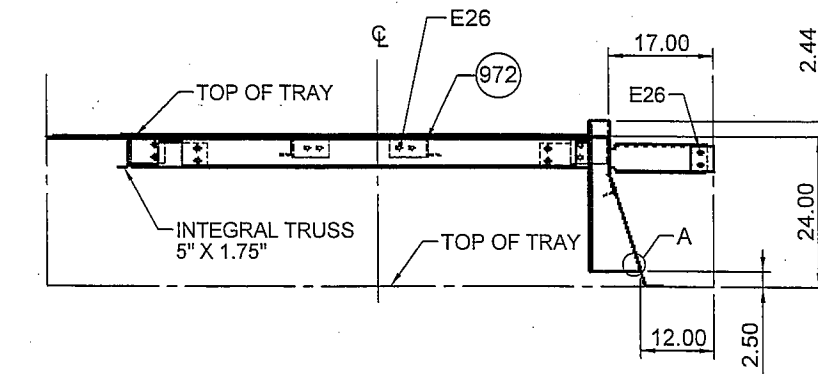
- GENERAL NOTES:

1. ALL COMPONENTS ARE PIECE MARKED BY SULZER.
2. ALL PARTS SHALL PASS THROUGH A 23.25" I.D. MANWAY.
3. VALVE TYPE: LVG
NO. PER TRAY: 278, LIFT 0.5".
VALVE TYPE: PV
NO. PER TRAY: 34, LIFT 0.375" (MAXIMIZE LIFT).
4. TRAY MANWAYS ARE REMOVABLE FROM TOP OR BOTTOM.
5. TRAYS ARE NUMBERED FROM TOP TO BOTTOM.
6. DIMENSIONS ARE MEASURED FROM TOP OF TRAY.
7. DIMENSIONS ARE SHOWN IN INCHES.

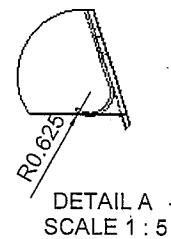


DESCRIPTION FOR 1-TRAY
5-TRAYS REQ'D.

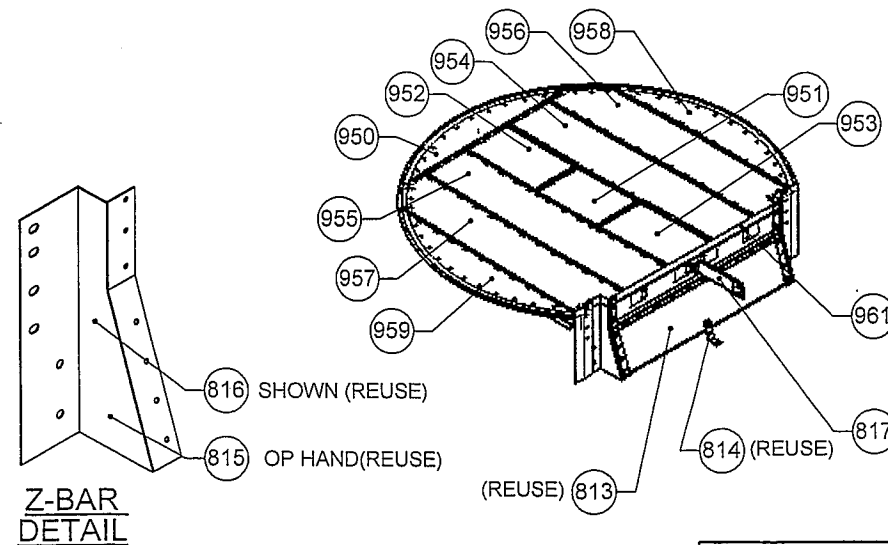
561	7	5	PCS	STUD BOLT UNC 3/8" X 2-1/2" (D-TYPE)	-	304L
513	46	10	PCS	BOLT UNC 3/8" X 2-1/2"	-	304L
512	22	7	PCS	BOLT UNC 3/8" X 2"	-	304L
511	113	11	PCS	BOLT UNC 3/8" X 1-1/2"	-	304L
501	390	39	PCS	NUT UNC 3/8"	-	304L
485	179	18	PCS	WASHER - 7/16" X 1-1/4"	-	304L
326	7	5	PCS	FOOTBALL WASHER	-	304L
301	46	10	PCS	UNIVERSAL CLAMP	-	304L
972	4		PCS	SHEAR CLIP	10	304L
971	8		PCS	SHEAR CLIP	10	304L
970	6		PCS	SHEAR CLIP	10	304L
960	2		PCS	CLOSING PLATE	10	304L
817	1		PCS	STIFFENER	10	304L
815-816	20		EA	Z-BAR (LINE 104) - REUSE EXISTING	10	304L
814	1		PCS	DOWNCOMER SUPPORT - REUSE EXISTING	10	304L
813	1		EA	DOWNCOMER PANEL	14	304L
961	1		PCS	OUTLET WEIR	10	304L
960	2		PCS	CLOSING PLATE	10	304L
952-959	1		EA	PANEL	10	304L
951	1		PCS	MANWAY PANEL	10	304L
950	1		PCS	INLET PANEL	10	304L
ITEM	QTY.	SPARE	UNIT	DESCRIPTION	GAUGE	MATERIAL
ITEM LIST						



ELEVATION VIEW




DETAIL A
SCALE 1 : 5



Z-BAR DETAIL

state: CERTIFIED

0	ORIGINAL ISSUE	FLI	6/22/10	DP	6/22/10	RB	6/22/10
rev.	revision remarks	rev. by	date	chk'd by	date	appr. by	date
job no.:	108	SULZER project no.:7112874-01				size: 11x17	scale: N.T.S.
col. I.D.:108"	client:BUNGE-ERGON			client p.o.:20100000661			
col. item:C-4101	plant: -			project no.:			
bed:	area: VICKSBURG, MS			SolidWorks			
		1 PASS LVG				drawing no.:	sheet
		BEER COLUMN				7112874-01	no.:
							06B

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