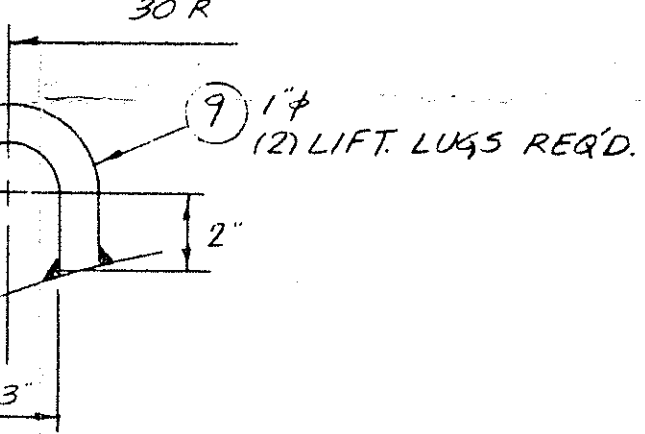


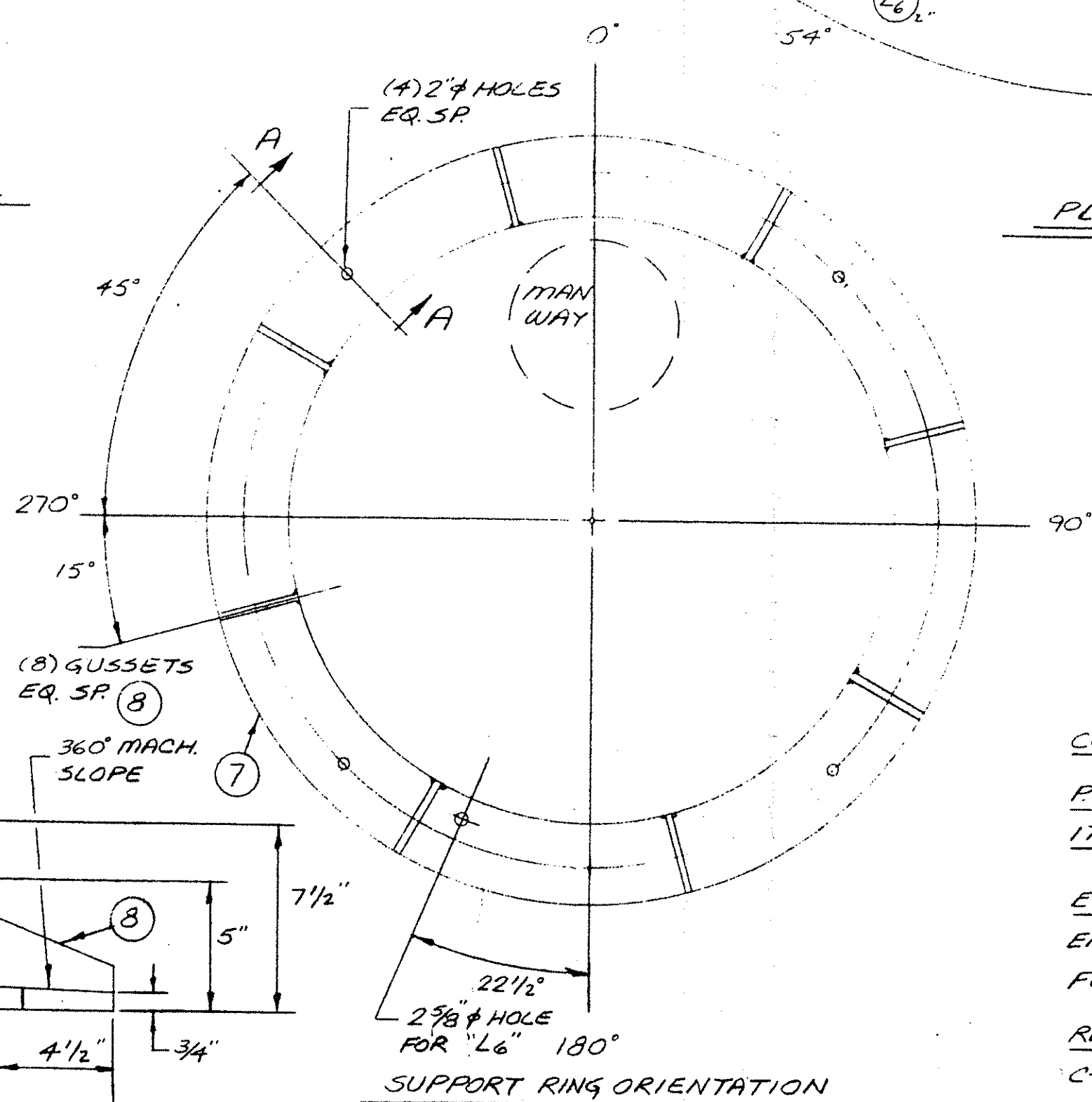
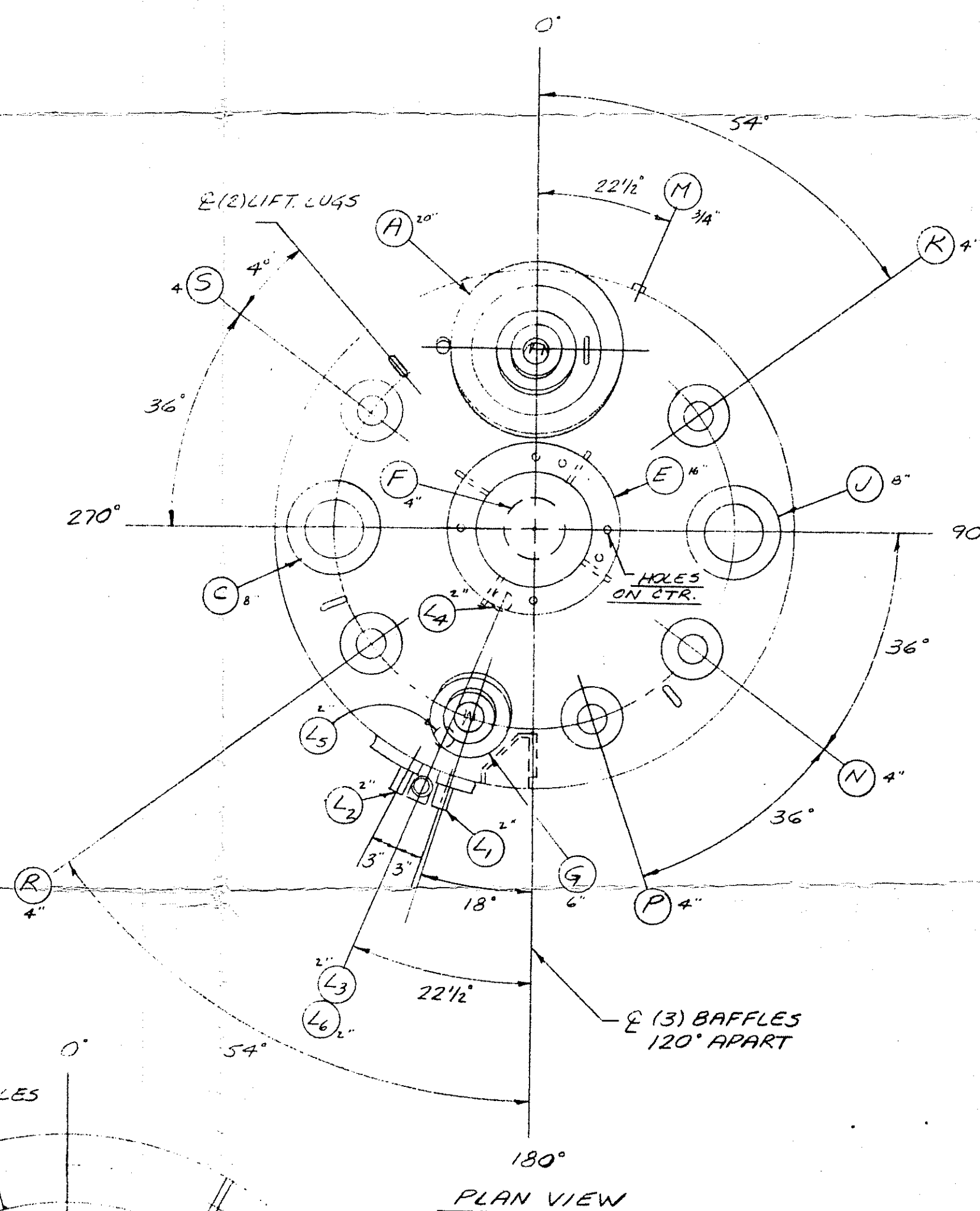


SCHEDULE OF CONNECTIONS					
HK. NO.	SIZE	RATG.	TYPE	THK.	SERVICE
A	1"	20#	90°	RING 14"	MANWAY W/ SIGHT GLASS
C	1"	8"	150 #	5.0 # 3/8"	TO COLUMN
E	1"	16"	150 #	5.0 3/8"	AGITATOR
F	1"	4"	150 #	PAO 13/16"	BTM. OUT.
G	1"	6"	150 #	PAO 13/16"	LIGHT CONN.
J	1"	8"	150 #	5.0 # 3/8"	FROM EVAPORATOR
K	1"	4"	150 #	5.0.	SCM 40
L	6"	2"	3000 #	CP4.	TH'D
M	1"	3/4"	3000 #	CP4.	TH'D
N	1"	4"	150 #	5.0.	SCM 40
P	1"	4"	150 #	5.0.	SCM 40
R	1"	4"	150 #	5.0.	SCM 40
S	1"	4"	150 #	5.0.	SCM 40

BILL OF MATERIAL			
ITEM NO.	QTY	UOM	DESCRIPTION
1	1		5HELL 72"O.D. *100'L ⁹ . *5/16"
2	1		ASME F+D H ⁹ 72"O.D. *1 1/2" S.F. *3/8" W/66" R.
3	1		3" HALF PIPE *11GA. TK.
4	1		3" SCH. 10 HALF PIPE
5	3		BAFFLE 1/2" *6"
6	9		BAFFLE SUPPT. 3/16" *2"
7	1		SUPPT. RING 9/16" *1" *3/4" TK.
8	8		GUSSET 1/2" TK
9	2		LIFT. LUG 1" *4"
10	2	CJ	8" *150" LARGE TONGUE *SROOVE FLG. (F)
11	2	CJ	NECK 8 5/8" O.D. *3/8" TK.
12	1	E	16" *150" *HNS1 3.0 FLG. R.F.
13	1	E	NECK 16" O.D. *3/8" THK.
14	4	E	GUSSET 1/2" TK.
15	1	F	STUD PAD 1 1/4" TK.
16	1	G	STUD PAD 1 1/4" TK.
17	1	G	GASKET 1/8" *8 3/4" O.D. *6 5/8" I.D.
18	1	G	6" *150" *PRESS. PROD. MODEL B- FLG.
19	8	G	3 1/4" *10NC *3 1/4" LG. STUD W/ NUT
20	5	KNP	4" *150" *ANSI. R.F. 3.0. FLG.
21	5	KNP	4" *SCH. 40 PIPE
22	1	L ⁹	2" *3000" *TH'D. FULL C'PLG.
23	6	L1 ⁹	WEAR PL. 1/8" *3" *3"
24	6	L1 ⁹	END PL. 3/16" TK.
25	1	L ⁹	2" *SCH. 40 PIPE T.O.E.
26	1	L ⁹	2" *SCH. 40 90° L.R. ELBOW
27	1	L1 ⁹	3/4" *3000" *TH'D. C'PLG.
28	5	L1 ⁹	2" *3000" *TH'D. HALF C'PLG.

GENERAL NOTES

- 1) VESSEL DESIGNED & FABRICATED PER 1983 ASME CODE SECT. VIII DIV.1
- 2) CODE STAMP REQ'D.
- 3) NOZZLE BOLT HOLES TO STRADDLE MAIN VESSEL CTR. LINES, EXCEPT AGITATOR TO BE ON CTR. LINES
- 4) ALL INTERNAL SURFACES PASSIVATED
- 5) EXTERNAL WELDS WIRE BRUSHED
- 6) ALL WELDS TO BE FREE OF SLAG, POROSITY, UNDERCUTS ETC.
- 7) FOR SHIPPING, NOZZLES TO HAVE WOOD COVERS.
C PLUGS TO HAVE PLUGS
- 8) PARTIAL X-RAY REQ'D. ON BOTH CIRCUM. SEAMS.
AT LEAST ONE SHOT TAKEN AT JUNCTURE OF LONG. SEAM.
- 9) ALL INTERNAL WELDS GROUND SMOOTH & FLUSH
- 10) VESSEL TO BE TAGGED 500A - B310 ON TOP HEAD



<u>CUST - AMERICAN HOECHST</u>		U	RTg	NATIONAL BOARD NO.	1755
<u>PO. # 507612</u>		W		MPGSS. SERIAL NO.	2887
<u>ITEM # B-310</u>				YEAR BUILT	1986
<u>EST. WTS.</u>		SHELL	FULL	VAC.	
<u>EMPTY - 6,200 #</u>	Upgraded to 150 psig →	JACKET	90	P.S.I. AT 390 °F.	SHELL THR. 3125
<u>FULL H₂O - 23,600 #</u>		JACKET	90	P.S.I. AT 390 °F.	HEAD THR. 325
		TUBES	—	P.S.I. AT — °F.	JACKET THR. 125
<u>REF DWG.</u>		COILS	—	P.S.I. AT — °F.	HEAD THR. 120
<u>C-1708</u>					

ALLOY FAB INC. E005-303			
B	ASIT FR 12 TO 14"	3-13-86	B.P.
A	PER CUST DWG.	2-28-86	B.P.
REV.	DESCRIPTION	DATE	BY
ALLOY FAB INC. SOUTH PLAINFIELD, N. J. (ONE) 72" O.D. 1500 GAL. 316L% H.P.C. J. DISTILLATION TANK			
WORK ORDER NO.	DR. BY	DATE	
2887	B.P.	2-12-86	
	CH. BY		
	SCALE		
	3/4" = 1"		
			D-1707-B