BAKER PERKINS INC.

SAGINAW, MICHIGAN

WORK ORDER NO. [illegible] CONTRACT NO. M-384

STOCK ORDER NO. ☐ SUPPLEMENT DATE 2-14-69

MACHINE NO. 55765 ☒ ORDER CUST. P.O. NO. 20930

SHEET NO. 1 BASIS 1-22-69

ROUTING PREPAID BEST WAY

CONSISTING OF:	CL	INVOICE PRICE
970 TRAY OVEN 18 TRAYS 32"X12'9"		
ALL DEPART LATER		
INVOICING: ONE BAKER PERKINS 970 SINGLE LAP DIRECT GAS FIRED TRAY OVEN		
FOB FACTORY	31A	
ERECT. SUPV.	31E	
ERECT. LABOR	31E	
FREIGHT		
TOTAL	P	
SUPPLY ALL OF H.M. TO ERECTION SITE, OVERTIME AND PAINTING BUT INCLUDING WIRING	EstAllocation	
BY: REK		

PLAINTIFF'S EXHIBIT

APV-25

SHIP TO COLONIAL BAKING CO
2220 EAST 4TH ST
CHATTANOOGA, TENN

INVOICE

TERMS

FORM 2132 - B

ORD & INV.	
SALES EXEC.	
SALES COST	
SALES CONT.	
WORK ORDER	
ELEC ENG	
OTHER ENG.	
ERECTION	
ENGR. COORD.	
TRAFFIC	
[illegible]	

ENGR HRS. M. 35 E 40

SPECIFICATIONS

SHIPMENT TENN TANK

SHOP HOURS

MACHINE SHOP 72

SHEET METAL 336

ASSEMBLY 528

OTHER [illegible] 32R

BAKER PERKINS INC.

SAGINAW, MICHIGAN

ORDER

970–980 TRAY OVEN

WORK ORDER NO. _____
STOCK ORDER NO. _____
MACHINE NO. 55765
SHEET NO. # 2
ROUTING LATER

CONTRACT NO. M8420
DATE 2-25-69
CUST. P.O. NO. _____
BASIS _____

CONSISTING OF:	CL	INVOICE PRICE
1. NUMBER OF MAINTENANCE MANUALS		
2. W.O. NUMBERS		
OVEN 4654 LOADER 4655 UNLOADER 4656		
HEATING 4657 OVEN ELECTRIC 4658		
LOADER ELECTRIC 4659 SPARE 4660		
3. PRODUCTS BAKED ROLLS		
4. OVEN TYPE ☒ SINGLE LAP ~~☐ DOUBLE LAP~~ SERIES NO. 970		
5. POWER: ~~208~~, 240, ~~415, 550~~ VOLTS 60 CYCLE 3 PHASE		
6. NUMBER TRAYS 18 32 INCHES DEEP X 12 4" WIDE		
7. BAKE RANGE ☒ STD ☐ SPECIAL MIN. MAX.		
8. ACCESSORIES:		
LOADER-UNLOADER ☒ FRONT FEED ~~☐ SIDE FEED~~		
~~LOADER CONVEYOR ☐ RIGHT HAND ☐ LEFT HAND~~		
UNLOAD CONVEYOR ☒ RIGHT HAND ☐ LEFT HAND		
GROUPER REQ'D ☐ YES ☒ NO		
9. HEATING DATA		
GAS ☒ NATURAL ☐ PROPANE ☐ MFG. ☐ OTHER		
SPECIFIC GRAVITY PRESSURE AT OVEN INCHES WATER		
B.T.U./CUBIC FT. 1000 ELEVATION ABOVE SEA		
INSUR CARRIER ☒ F.I.A. ☐ F.M. OTHER		
BURNER HANDING ~~☐ RIGHT HAND~~ ☒ LEFT HAND		
10. STEAMING DATA		
☒ STD STEAM ☐ NO STEAM See Sheet 3		
BOILER H.P. DISTANCE BOILER TO OVEN FEET		
11. STANDARD FINISH		
12. AVAILABLE STEAM PRESSURE MIN. MAX. (PSIG)		
13. EXTRAS:		
a. ☐ SPECIAL FINISH ☐ STAINLESS ☐ PAINTED COLOR		
☐ LEFT SIDE ☐ RIGHT SIDE ☐ FRONT ☐ REAR		
CONT. ON SHEET 2 BY:		

SHIP TO Colonial Baking Co
Chattanooga Tenn

INVOICE Same cc HQ
2525-25 * 25% 30 Days After Satisfactory Completion of Erection

TERMS

FORM 1132 - W

ORD & ENG.
SALES EXEC.
SALES COST
SALES CONT.
WORK ORDER
ELEC. ENG.
~~OTHER ENG.~~
ERECTION
ERGS. COORD.
TRAFFIC
INSP.

SHIP'S WGS. N. E.
SPECIFICATIONS
SHIPMENT Tent 7-1-69
See Sheet 4

SHOP HOURS
MACHINE SHOP
SHEET METAL
ASSEMBLY
OTHER HAND

BAKER PERKINS INC.

SAGINAW, MICHIGAN

WORK ORDER NO. _____ CONTRACT NO. M88420

STOCK ORDER NO. _____ ORDER DATE 2-25-69

MACHINE NO. _____ CUST. P.O. NO. _____

SHEET NO. 2 970-980 TRAY OVEN BASIS _____

ROUTING _____

CONSISTING OF:	CL	INVOICE PRICE
18. EXTRAS (CONT FROM SHEET 1)		
b. ☐ STEAM CONDITIONER HEAVY STEAM		
c. ☐ SPECIAL BRAKES WARNER OTHER		
d. ☐ SPECIAL HEARTH TYPE APPROVE BY ENGR. ☐		
e. ☒ PLASTERED INSULATION ☒ SIDES & REAR ☒ ROOF		
f. ☒ BURNER SHIELDS ON FIRST 12 BURNERS		
g. ☐ BROWN AIR TEMPERATURE CONTROLS		
h. ☐ BOTTOM EXHAUSTER FOR L.P. GAS		
J. ☐ EXTENDED FEED CONVEYOR INCHES		
K. ☒ EXTENDED DISCHARGE CONVEYOR 8 INCHES FROM SIDE OF LOADER		
L. ☐ REVERSIBLE DISCHARGE CONVEYOR		
M. ☒ STAINLESS STEEL DOOR AND FRONT ON CONTROL PANEL		
N. ☒ START STOP STATION AT LUBRICATION ACCESS WINDOWS		
P. ☐ PUSH TO TEST INDICATING LIGHTS		
R. ☐ FORCED VENTILATION FOR CONTROL PANEL		
S. ☒ SPECIAL ELECTRICAL COMPONENTS ALLEN BRADLEY STARTERS, CONTACTORS & LATCH TYPE RELAYS		
T. ☐ INTERMITTENT ☐ SKIP TRAY		
U. ☒ CATWALK IN PLACE OF STD. ROOF SHEETS		
V. ☐ SPC. MOTORS		
W. ☐ LOADER WIRING - NEMA TYPE 4 ☐ TYPE 12 ☐		
X. ☐ OVEN CONTROL PANEL SIZE - STANDARD ☐ OTHER ☐		
Y. ☐ OVEN PANEL TO HOUSE CONTROLS ON M-		
Z. ☒ OTHER DOUBLE POWERMATIC RELAY		
☒ COMPLETE PAINT OF OVEN AND LOADER STAINLESS STEEL		
☒ PROVIDE COUNTER ON OVEN DISCHARGE		
☒ PROVIDE SPECIAL PIPING FOR DRIPPING CUSTOMER SUPPLY LINE (REF DWG 2D53-930)		
☒ CONTROL PANEL EXCLUDE OF LEDS		
(CONT ON SHEET 3) BY:		

SHIP TO COLONIAL CHATTANOOGA TENN

INVOICE

TERMS

FORM 1132 - W

ORD & INV.	
SALES EXEC.	
SALES DIST	
SALES CONT.	
WORK ORDER	
ELEC ENG	
OTHER ENG.	
ERECTION	
ENGR. COORD.	
TRAFFIC	
INSP.	

ENG'G HRS. M. E.

SPECIFICATIONS

SHIPMENT

SHOP HOURS

MACHINE SHOP

SHEET METAL

ASSEMBLY

OTHER HAND

BAKER PERKINS INC.

SAGINAW, MICHIGAN

ORDER

WORK ORDER NO. _____ CONTRACT NO. M8420

STOCK ORDER NO. _____ DATE 2-25-69

MACHINE NO. _____ CUST. P.O. NO. _____

SHEET NO. #4 970-980 TRAY OVEN BASIS _____

ROUTING _____

CONSISTING OF:

DELETE STD STEP 46 AND ATTACH FOLLOWING NOTE TO STEP 50

SEND TWO MANUALS SOON AS POSSIBLE TO

MR ROGER BROWN

C/O CAMPBELL TAGGART ASSOCIATED BAKERIES

6211 LEMMON AVE

DALLAS TEX

ERECT. ORD 125256-B WILL FOLLOW

NOTE TENTIVE SHIPPING DATE 7-1-69 DO NOT FABRICATE OVEN UNTIL CUSTOMER ADVISES FIRM SHIPPING DATE

MR ZAHN TO CALL SALES TWO WEEKS PRIOR TO DATE REQUIRED TO RELEASE OVEN TO SHOP IN ORDER TO MEET 7-1-69 SHIPMENT. SALES IN TURN WILL CONTACT CUSTOMER FOR FIRM SHIPPING DATE

INVOICE AS FOLLOWS:

SEE SHEET #1

F.O.B.

BY:

SHIP TO COLONIAL
CHATTANOOGA

INVOICE

TERMS

FORM 1132 - W

ORD & INV.
SALES SEC.
SALES COST
SALES CONT.
WORK ORDER
ELEC ENG.
OTHER ENG.
ERECTION
ENGR. COORD.
TRAFFIC
INSP.

ENG'G HRS. M. E.
SPECIFICATIONS
SHIPMENT

SHOP HOURS

MACHINE SHOP
SHEET METAL
ASSEMBLY
OTHER WORK

BAKER PERKINS INC.

SAGINAW, MICHIGAN

WORK ORDER NO. _____

STOCK ORDER NO. _____

MACHINE NO. _____

SHEET NO. # 5

ROUTING _____

■ SUPPLEMENT

☐ ORDER

CONTRACT NO. H-52852

DATE 3-27-63

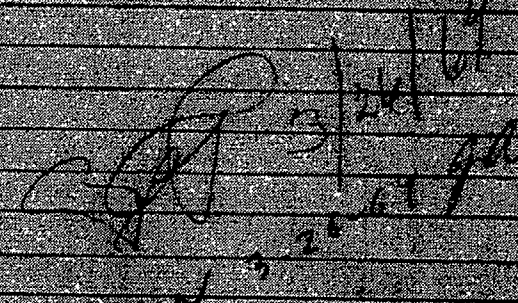
CUST. P.O. NO. _____

BASIS YEARLY MAT. M
(Current) 3-27-63

CONSISTING OF:

970 Tray Oven

This Will Confirm That As Requested By The Customer (Mr. Mike Hinkle) The Oven Is To Have A L.H. Discharge Conv.



CL

INVOICE PRICE

SEE SHEET #3

SENT TO Consolidated Biscuit Co.
San Francisco, Calif.

BY

BAKER PERKINS INC.

SAGINAW, MICHIGAN

SUPPLEMENT ☒ ORDER ☐

CONSISTING OF:

370 Front Bread

Price Also Covers Test As Requested By The Customer (No Mix Needed) The Bread Is To Have A 4 Hr. Discharge Temp.

$50 Off

BAKER PERKINS INC.

SAGINAW, MICHIGAN

PERK ORDER NO. _____

STOCK ORDER NO. _____

MACHINE NO. _____

SHEET NO. 46

WRITING _____

■ SUPPLEMENT

□ ORDER

CONTRACT NO. 6-604

DATE 6-30-69

CUST. P.O. NO. _____

BASIS _____

CONSISTING OF:

370 Tray Oven For Rolls

Please Be Advised That The Oven Covered By Contract #M-88420 Is Scheduled To Be Shipped June 9th 1969. However Mr. H. Zahn Is To Notify Sales Two Weeks Prior To Shipment So That Sales May Advise Customer Who In Turn Will Notify B.P. Inc. If They Can Accept Shipment On Said Date.

If Customer Cannot Accept Shipment On June 9th B.P. Inc. Will Provide Storage Accommodations Until June 30th From July 1st On Or Until Customer Can Accept Shipment Customer Will Pay For Storage Accommodations.

RECEIVED
APR 3 1969

SHIP TO Colonial Baking Co.
Chattanooga Tenn.

CL

REVISED PRICE

BAKER PERKINS DIRECT GAS FIRED TRAY OVEN

MODEL 970

CUSTOMER Colonial Baking Co. Chattanooga, Tenn.

CONTRACT M-88420 W.O. 4654 thru 4659 MACH. NO. 55765

NO. OF INST. ISSUED 2 BY Illikman DATE 6-18-69

One Instruction Manual furnished with each new machine. Additional copies available at $100.00 each, until 10 years after the above date.

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SECTION B	
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BY Sayre DATE 3-10-69 SUBJECT HEATING SPECIFICATION ONLY SHEET NO. 58 OF

CRKD. BY DATE JOB NO.

CUSTOMER
COLONIAL BAKING Co
2220 EAST 4TH ST.
CHATTANOOGA, TENN

CONT. M- 88420 | MACHINE 5570
SALES LAYOUT 125256-8
INSURANCE F.I.A.

TYPE OF OVEN #970 DIRECT GAS FIRED SINGLE LAP TRAY
SIZE OF OVEN 18-32 18 TRAYS 32" X 12'-4"
TYPE OF HEARTH GRILL | AREA OF HEARTH 591 SQ FT.
RATED HEATING CAPACITY 7.2 LBS./SQFT HEARTH 4255 LBS BAKED/HR.
REQD HEATING CAPACITY 450 BTU/LB OF PRODUCT 1,915,000 BTU/HR
TYPE OF FUEL NAT GAS
BTU OF FUEL 1000
MAX FUEL BURNED/HR 1915 CU. FT.
SPECIAL FEATURES BURNER SHIELDS O FIRST 12 BURNERS
ELECT 240-60-3 CONT. 115-60-
OPERATING SIDE LEFT
NO OF BURNERS 33
NO OF ZONES 4
TYPE OF BURNERS B.P TRI-ZONE
TYPE OF PILOT-IGNITION CONTINUOUS
COLORAIDERS SYSTEMS 1
NO OF TUBES 22
SAFETY VALVE MAXON 808
SIZE 2 1/2 QTY 2
CONTROL ELECT MODULATION
INSTR. PARTLOW
CONT. MOTOR MAIN MODUTROL
HEAT W.O. 4657 | ELECT W.O. 4658
BLOWER 1605 HP. 5
CFM 625 | ROTATION C.W.
PURGE TIME 5 MIN
PRODUCT ROLLS
STEAM SPECIAL

ZONE	NO BURNER	PYRONICS INJECTOR	PYRONICS GOVERNOR	PYRONICS NOZZEL	VA HEA
1	8	#6 M/M	B10 B2L	17/64	F
2	9	#6 M/M	B10 B2L	17/64	F
3	9	#6 M/M	B10 B2L	17/64	F
4	5	#6 M/M	B10 B2L	17/64	F
UNDER UNLOAD	2	#6 M/M	B10 B2L	17/64	F
	33 TOTAL				

F.M. SAFETY COCK SYSTEM YES NO SWITCHES ONE
BAKE TIME 5 TO 40 MIN.
PROPANE BLOWER NONE
SPECIAL FEATURES MAXON POWER MATIC RELAY DOUBLE 17 TRANSFORMERS

CHANGE NOTICE NUMBERS FOR

BLUEPRINT AND SPECIFICATION CHANGE NOTICE

CUSTOMER COLONIAL BAKING CO.
CITY CHATTANOOGA
STATE TENN.

MACHINE NO.
CONTRACT NO. M-88420
W.O. NO. 4659

MACHINE TYPE QUEEN LOADER

CHANGE NOTICE NUMBER	STEP NO.	PAGE NO.	LINE NO.	DRAWING NUMBERS	REV. SYMBOL	DWG. OR SPEC. CHANGE	DESCRIBE CHANGE AND REASON	CHARGE ACCOUNT	DEPT CODE NUMBER	DRAWING NAME OF ENGINEER	REVISION NAME OF ENGINEER	DATE
-1				CHARACTERISTICS		SHEET	RIGHT HAND DISCHARGE TO (LEFT)					

CHANGE NOTICE NUMBERS FOR
BLUEPRINT AND SPECIFICATION CHANGE NOTICES

CUSTOMER Colonial Baking Co.
CITY CHATTANOOGA
STATE TENN

MACHINE NO.
CONTRACT NO. [illegible]
W.O. NO. 4654

MACHINE TYPE 990 OVEN

CHANGE NOTICE NUMBER	STEP NO.	PAGE NO.	LINE NO.	DRAWING NUMBERS	REV. SYMBOL	DWG. OR SPEC. CHANGE	DESCRIBE CHANGE AND REASON	CHARGE ACCOUNT	DEPT CODE NUMBER	DRAWING NAME OF ENGINEER	REVISION NAME OF ENGINEER	DATE
-1	16	1	28	166-990-3-5 2098-990-1		S	CONTRACT CHANGE	W.O.			J Reid	
-2	16	1	34	"	—	S	"	W.O.			"	
-3	10	4	15	990-901-8-9 328-990		S	Feed Control Error	W.O.			D Fuller	
-4	11	3	13 thru 35	Change		S	Eng Error	W.O.	157		M. Bonner	3.31.6
-5	8	1	10 11	529-990 352-990	—	S	Eng Error	W.O.			J Reid	4.17.61

CHARAC[illegible]IC SHEET

FORM MU-10[illegible]4-62

ENG. 5/24	PRNT LIST
SCHED	ORIGINAL BY [illegible] DATE
TO FIN PTS	PRNTS ORD 5/25
FIN PTS ASBD 5/13	TO TAB 5/25
TO TAB	REQ. PULLED
SEX ENCHD	SH. & CH. LIST
VARIED	ORDERED AND SHIPPING LIST

BAKER PERKINS, INC. SAGINAW, MICHIGAN

TYPE DOF SINGLE LAP OVEN — SIZE 18-32 — TRAYS 18 — SERIES 970

QUANTITY (1) THREE CHAIN STABILIZATION ON LEFT SIDE — LENGTH 31'-3" — WIDTH 16'-11" — HEIGHT 6'-9 3/4"

CHARACTERISTICS PER CONTRACT

OPERATING SIDE LEFT — TYPE OF BAKING SURFACE GRID

PRODUCTS TO BE BAKED ROLLS

TYPE UNLOADER STANDARD 970 HORIZONTAL

DISCHARGE TO EIGHT EXTENSION 8" — CONV. SPEED 2180 — CONV. HEIGHT 22"

TYPE LOADER FRONT FEED

INFEED FROM FRONT EXTENSION ~~CONV. SPEED~~ — CONV. HEIGHT 37"

BAKING RANGE PER CONTRACT STANDARD — STD. RANGE 5 TO 90

TYPE OF DRIVE CONTINUOUS VARIABLE SPEED 0 TO 1 RATIO

STEAM STANDARD — NUMBER OF INJECTORS 5

FUEL NATURAL GAS 1000 BTU — STAND-BY FUEL — ~~BLOWER~~

NUMBER OF BURNERS TOP — BOT. — TOTAL 33 — TYPE B.P. TRI-ZONE ELECTRIC MODULATION

NO. OF CONTROL ZONES 4 — TYPE CONTROL PARTLOW MODULATION

BURNER BLOWER #1605 — ROTATION CW — DISCHARGE BOTTOM HORIZ.

FRONT EXHAUST ROTATION CW — DISCHARGE 45° BOTT. ANGLE UP

REAR EXHAUST ROTATION CCW — DISCHARGE 45° BOT. ANGLE UP

NUMBER OF COLORAIDER SYSTEMS 1 — TOTAL NUMBER COLORAIDER TUBES 22

OVEN FINISH FRONT STAINLESS STL — OPERATING SIDE V.E. PAINT AS PER BWGF ENAMEL LYST. 863-970-0

NON-OPERATING SIDE V.E. — REAR V.E.

POWER 240-60-3 CONTROL

INSURED BY FIA

SPECIALS

PLASTER SIDES, REAR, ROOF

BISSC CERTIFICATION PL's

SPECIAL STEAM PIPING FOR DRIPPING CUSTOMER LINE TO OVER CATWALKS IN PLACE OF ROOF SHEETS.

NO TOP HEAT BURNERS

BURNER SHIELDS ON FIRST 12 BURNERS

IR BISSC CERTIFIED - ENGRAVE ON MACH'L N°

PLATE (840-317-D)

BISSC STD N° 14

EFFECTIVE DATE 2/1/59

COMPLETE FRONT OF OVEN AND LOADER STAINLESS STEEL

SHIP TO COLONIAL BKG. CO

STREET NUMBER

CITY CHATTANOOGA

STATE TENNESSEE

SCHEDULE DATE	RTG.	FORM	SHEET METAL	PUNCH MAT.	MACH SHOP	ASSEM 2-3-4
	15.0		17.0	17.0	18.0	20.0
	4/7		4/21	5/21	6/2	7/1

ADDITIONAL W.O. THIS CONTRACT

LOADER 9655, UNLOADER 9656

HEAT 9657, OVEN ELEC. 9658

LOAD ELEC 9659, SPARE 9660

CONTRACT NUMBER M 88420

MACHINE NUMBER 55705

CLASS 31

ENG. RELEASE DATE 3-18-69 — W.O. 4654 M

TOP ENGINEERING

CONFIRMED BY D. FOLEY

FORM MU-9

BAKER PERKINS INC.

ORIGINAL BY MAHONEY DATE 5-15-61

ORDER AND SHIPPING LIST INDEX FOR CUSTOMER

CONTRACT No. M-88420

CODE 970 D&F SINGLE LAP OVEN

STEP NO.	DESCRIPTION		STEP NO.	DESCRIPTION	
1	ERECTION DRAWINGS		26	SIDE FINISH OPERATING SIDE	3/24
2	BASE-SIDE FRAME-ROOF FRAME & LADDER & P.B. BRKT.	3/24	27	SIDE FINISH NON-OPERATING SIDE	3/24
3	FLOOR COVER SHEETS		~~28~~	~~OPTIONAL STACK TRANSITIONS~~	
4	REAR LINING SHEET-ACCESS & FRAME		29		
5	SIDE LINING SHEETS		30		
6	TAKE-UP WITH SHAFTS & SPROCKETS		~~31~~	~~STAND BY PURGE SYSTEM IF USED~~	
7	CENTER PARTITION & SPREADERS & LOWER PAINT BAFFLE		~~32~~	~~PURGE BLOWER IF USED~~	
8	TRACK ANGLES-SUPPORTS & REAR SHOE		~~33~~	~~STEAM CONDITIONING TANK IF USED~~	
9	CROWN SHEETS-DAMPERS & CONTROLS		~~34~~	~~SYN. ATTACHMENT FOR SWING LOADING IF USED~~	
10	OVEN DRIVE-PLATFORM & SYNCHRONIZER		~~35~~	~~SYN ATTACHMENT FOR INTERMITTENT DRIVE IF USED~~	
11	COLORAIDER DUCTS & TUBES		36		
12	COLORAIDER BLOWERS		37	ACCESSORIES	3/24
13	REAR EXHAUST BLOWER-AIR SWITCH		■		
14	STEAM PIPES		■		
15	FR. LINING SHT-SWINGING BAFFLE & FRONT EXHAUST FAN & BASE		■		
16	FRONT EXHAUST FAN		■	SEE SEPARATE W.O. FOR	
17	TRAYS-TRUNIONS-STAB. ARMS & OVEN CHAIN	↓	■	UNLOADER AND FRONT	
~~18~~			■	TURNING POINTS TO BE	
19	HIGH LIMIT PARTS-LS	3/24	■	INSTALLED WITH STEP 2	
~~20~~			45		
21	O.S. ROOF SHEETS & ROOF INS. RET.	3/24	46		
~~22~~			47	MOTOR, MOTOR BASE, & BRAKE	3/24
~~23~~			48		
24	REAR FINISH	3/24	49	RECOMMENDED SPARE PARTS	
25	FRONT FINISH WITH LIFT-OUT LOADING DOOR		50	OPERATING AND MAINTENANCE INSTRUCTIONS	

WORK ENGINEERING

SHEET

FORM MU-5
REV 5-21-68

CODE FOR NOTE COLUMN
C FOR CROSS OUT SECTI
N FOR PART NUMBER TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
P FOR PREVIOUSLY ROUTED
O IN MARGIN - ERECTION DRAWING

PREPARED BY Mahoney SERIES N 970

BY D FOLEY DATE 5-10-69

BAKER PERKINS INC.

LINE	DRG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	SIZE	MOE	ENG.	SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION	S P	CRATE NUMBER	LOOSE PIECE	SHIP. PIECE
01						125256 *	B	N			SALES ERECTION DWG.				
2															
3								N			SALES BAKERY LAYOUT				
4															
005						844-970	DE				LONGITUDINAL SECT FRONT				
006						209-970	DE				LONGITUDINAL SECT REAR				
007						210-970	DE				CROSS SECTION				
008						346-970	IMP				SECTIONS THRU O.S. FRONT				
009						1152-970	IMP				TRAY & CHAIN CLEARANCE				
010						2185-200	S				COLORAIDER PACKING				
011						1542-970	B				METHOD OF INSULATING				
012						* 4200					INSTRUCTIONS for IGNITORS				
013						836-970	B				REF BOLT LIST				
14															
15															
16															
17											PLUS ALL DWGS. MARKED WITH O IN LEFT HAND BORDER OF ALL STEPS				
18															
19															
20															
21															
22															

SCHEDULE DATE

RTG	FDRY	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM 2-3-4

NOTES

WORK EQUIPMENT

TYPE PGE SINGLE LAP OVEN

SIZE ALL

CONTRACT No. M- 88420

STEP TITLE ERECTION DRAWINGS

No. 4654 31

TOT. SHTS 1

SHEET No. 1

STEP NO. 1

STEP SHEET
FORM MU-8 [illegible]62

CODE FOR NOTE COLUMN
C FOR CROSS OUT [illegible]TION
N FOR PART NUMBER TO BE FILLED
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
P FOR PREVIOUSLY ROUTED
O IN MARGIN - ERECTION DRAWING

PREPARED BY M. REID SERIES NO.

D FOLEY
3-10-69

BAKER PERKINS INC.

LINE	DRG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	SIZE	NOTE	DRG. ITEM	NO HANDING SIDE RIGHT PART OR DRAWING NUMBER	SIZE	A/E	ONLY QTY.	TOTAL QTY.	NAME OR DESCRIPTION	P S	CRATE NUMBER	LOOSE PIECE	SHIP PIECE
1						508-970-61	DE	N		P.E.	ERECTION ASSEMBLY				
2					Y	1080-970-1	LD			1	TOP SIDE FIN SUPPORT ANG. FRT. L.S.				X
3					Z	1080-970-2	LD			1	" " " " " " R.S.				X
4					AA	543-970-1	LD			1	" " " " " " REAR L.S.	S			X
5					AB	543-970-2	LD			1	" " " " " " R.S.	S			X
6					AC	PS-717	B			1	LADDER SUPPORT	S			X
7					AD	739-970	LD			1	"				X
8					AE	011-960	D			2	BASE ANCHOR ANGLE	S			X
9					AF	012-960	D			2	" " ROD	S			X
10					AG	2062-970-1	D			1	H.M. 16GA. TO 14GA. 4×6				X
11					AH	2062-970-2	D			1	" 10GA. TO 12GA. 4×6				X
12		—			AJ	708-970	LD			1	MTG. BRKT. FOR PUSH BUTTON	S			X
13															
14															
15															
16															
17															
18															
19															
20						"									
21															
22															

SCHEDULE DATE

RTG.	FDRY	SHEET METAL	PURCH. MATL.	MACH. SHOP	ASSEM. 7-3-A

NOTES

(WORK ENGINEERING)

TYPE DGF SINGLE LAP OVEN SIZE #118-32 PLY TRAYS

STEP NO. 2

S3

C FOR CROSS SECTION
N FOR PART NUMBER TO BE FILLED

S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
P FOR PREVIOUSLY ROUTED
O IN MARGIN - ERECTION DRAWING

PREPARED J.M. REID SERIES NO.

BAKER PERKINS INC.

D FOLEY 3-10-69

LINE	DRG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	SIZE	NEW	ORDER	NO HANDING SIDE RIGHT PART OR DRAWING NUMBER	PUR	NOTE	UNIT QTY.	TOTAL QTY.	QTY.	NAME OR DESCRIPTION	P S	CRATE NUMBER	LOOSE PIECE
1						308-970-61	DE	N			1	ERECTION ASSEMBLY			X
2					A	308-970-2	I				1	TAKE UP & DRIVE FRAME L.S.			X
3					B	308-970-1	I				1	" " " " " R.S.			X
4					C	456-970-4	D	N			1	CROSS CHAN. @ REAR OF DRIVE			X
5					D	562-970-4	LD	N			1	" " " FRONT " "			X
6					E	109-970-4	L	N			4	MAIN CROSS FRAME			X
7					F	540-970-4	LD	N			2	DIAGONAL BRACE			X
8					G	1081-970-1	LD				1	LONG'T. FLOOR CROSS CHAN TIE L.S.			X
9					H	1081-970-2	LD				1	" " " " " R.S.			X
10					J	458-970	D				2	REAR BOTTOM SHEET SUPPORT	S		X
11					K	544-970-1	LD				1	LEFT SIDE REAR " "			X
12					L	546-970-1	LD				1	" " CENTER " "			X
13					M	545-970-1	LD				1	" " FRONT " "			X
14					N	454-970	D				2	FRONT BOTTOM TIE STRIP	S		X
15					P	545-970-2	LD				1	RIGHT SIDE FRONT SHEET SUPPORT			X
16					R	546-970-2	LD				1	" " CENTER " "			X
17					S	544-970-2	LD				1	" " REAR " "			X
18					T	459-970-4	LD	N			1	REAR TOP SHT. & FIN. SUPPORT ANG.			X
19					U	470-970	D				4	" " ANGLE SUPPORT BRKT.	S		X
20					V	1999-970	D				4	TOP ANG. SUPPORT BRKT @ DRIVE PLATE			X
21					W	466-970-4	D	N			2	FRT EXH & ROOF SUPPORT CHAN.			X
22					X	457-970-4	D	N			1	" TOP FIN. SUPPORT ANGLE			X

SCHEDULE DATE

RTG	FDRY	SHEET METAL	PURCH MATL.	MACH SHOP	ASSEM 2-3-4

NOTES: IF PROPANE EXHAUSTER IS USED, INSTALL WITH STEP 2

TYPE DGF SINGLE LAP OVEN

SIZE #18-32 ALL TRAYS

STEP TITLE BASE - SIDE FRAME

STEP NO.

WORK BACKLOG

FORM MU-

CODE FOR NOTE COLUMN
C FOR CROSS SECTION
N FOR PART NUMBER TO BE FILLED
Q FOR QUANTITY TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
P FOR PREVIOUSLY ROUTED
O IN MARGIN — ERECTION DRAWING

PREPARED BY J.M. REID
9-21-61
~~CHECKED~~ D. FOLEY

BAKER PERKINS INC.

CONTRACT No. M-8842

LINE	DRG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	NOTE	DRG. ITEM	NO HANDING ~~SIDE RIGHT~~ PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRI
D 1					575-970-61	DG	N		1	ERECTION ASSE
2				A	576-970-1	D			3	CORR. SHT. GA
3				B	576-970-2	D			3	" "
4				C	576-970-3	D			3	" "
5				D	576-970-4	D			3	" "
6				E	576-970-5	D	9		9	" "
7				F	576-970-6	D	9		9	" "
8				G	576-970-7	D			3	" "
9				H	576-970-8	D			3	" "
10				J	576-970-9	D			3	" "
11				K	576-970-10	D			3	" "
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										

SCHEDULE DATE

RTG	FDRY	SHEET METAL	PURCH MATL.	MACH SHOP	ASSEM 2-9-62

NOTES

TYPE DGF SINGLE LAP OVEN

SIZE ALL 12'-4"

(WORKE

STEP S[illegible]

FORM N[illegible]

REV 5-2[illegible]

CODE FOR NOTE COLUMN
C FOR CROSS OUT SEC[illegible]
N FOR PART NUMBER TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
P FOR PREVIOUSLY ROUTED
O IN MARGIN - ERECTION DRAWING

PREPARED BY [illegible] SERIES [illegible]

BY D FOLEY DATE 3-10-69

BAKER PERKINS INC.

LINE	DRG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	SIZE	QTY	REF. ITEM	No HANDING SIDE RIGHT PART OR DRAWING NUMBER	TYP	NOTE	UNIT QTY	TOTAL QTY	NAME OR DESCRIPTION	P S	CRATE NUMBER	LOOSE PIECE	SHIP PIECE
O 1						1173-920 - [4]	I	W		1	ERECTION ASSEMBLY				X
2					A	310-920 - [4]	I	PN		1	REAR BASE & ACCESS FRAME				X
3					B	1172-920 - [4]	I	PN		1	REAR LINING SHEET				X
4					L	1117-732	D	P		1	FLOOD LIGHT MOUNTING				X
5					C	322-920 [4]	I	PN		1	EMER. DOOR				X
6					D	321-920 - [4]	I	W		2	EMER. DOOR				X
7					K	1173-920 - [8]	I			1	PIPE				X
8					E	868-920	I	P		1	OVEN FLOOD LIGHT				X
45 9					D	1114-732	D	F		1	LIGHT MOUNTING PLATE	S			I
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															

SCHEDULE DATE

RTG	FDRY	SHEET METAL	PURCH MATL.	MACH SHOP	ASSEM 2ND FL

NOTES FOR ONE REAR WINDOW (STD)

(WORK ENGINEERING)

TYPE D.C.F. SINGLE LAP OVEN

SIZE ALL

CONTRACT NO. M 88420

STEP TITLE REAR LINING SHT. ACCESS FRAME

W.O. 4654

TOT. SHTS

SHEET NO.

STEP NO. 4

FORM M
REV 5-2

SIDE FOR NOTE COLUMN
F FOR CROSS OUT T TION
N FOR PART NUMBER BE FILLED IN
S FOR SPECIAL PART
FOR NUMBER TEMPLATE REQUIRED
PREVIOUSLY ROUTED
R&IN - ERECTION DRAWING

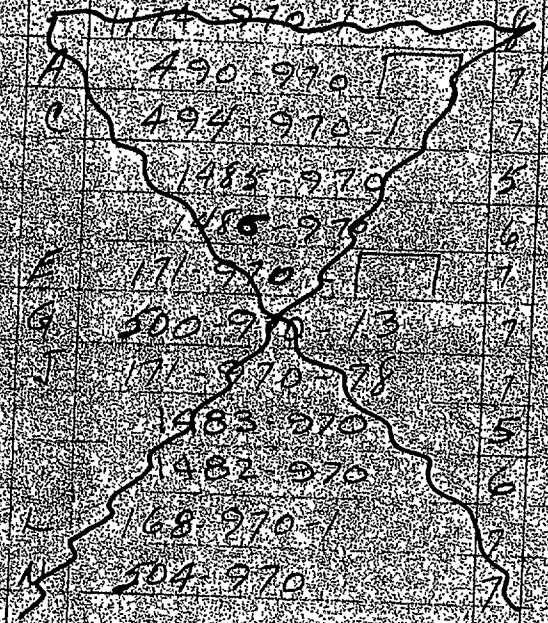
PREPARED BY KINDERMAND SERIES N
6-21-05
BY A FOLEY DATE 3-1

BAKER PERKINS INC.

LINE	DRG. ITEM	BURNER SIDE LEF PART OR DRAWING NUMB	NO.	
0	1	1181-970-1	1	
	2 A	490-970-2	1	N
	3 C	494-970-2	1	
56	4	1485-970	5	
	5	1486-970	6	
	6 E	171-970-50	1	N
	7 G	500-970-14	7	
	8 J	171-970-75	7	
	9	1483-970	5	
		1482-970	6	
	H	168-970-2	7	
53	12 N	504-970	7	
	13			
	14			
	15			
	16			
	17			
	18			
	19			
	20			
	21			
	22			

SCHEDULE DAT

BURNER
PART OR DRAWING NUMBER



QTY.	NAME OR DESCRIPTION.
1	ERECTION DWG
1	SIDE LINING SHT UPPER FRT
1	" " " LOWER FRT
1	ACCESS TUNNEL COVER
1	" "
1	SIDE LINING SHT STD 45 SEC
1	" " " OILING
1	" " " STD 45 SEC
1	ACCESS TUNNEL COVER
1	" "
1	SIDE LINING SHT @REAR
1	OILING DOOR PANEL

WORK ENGINEER
#118-32
8 8 4 2 0
WO 4654

D.G.F. SINGLE LAP OILED
SIDE LINING SHEET
BURNER

FORM M
REV 5-2

KEY FOR NOTE COLUMN
O FOR CROSS OUT SI ON
N FOR PART NUMBER BE FILLED IN
S OR SPECIAL PART
R NUMBER TEMPLATE REQUIRED
P PREVIOUSLY ROUTED
J MARGIN = ERECTION DRAWING

PREPARED BY K.WOSTRAND 6-21-65 SERIES

BY D. FOLEY DATE 3-10

BAKER PERKINS INC.

LINE	DRG. ITEM	BURNER SIDE LEFT PART OR DRAWING NUMBER	QTY.	NOTE
1		1181-970-1	8	
2	B	493-970-2	7	N
3		P23-978	3	
4	D	495-970-2	7	
5		P23-978	3	
6		1485-970	5	
7		1486-970	6	
8	F	502-970-43	7	N
9		P23-978	3	
10	H	503-970-14	7	
11		P23-978	3	
12	K	502-970-62	7	
13		P23-978	3	
14		1483-970	5	
15		1482-970	6	
16	M	169-970-2	8	
17		P23-978	3	
18	N	504-970	7	
19				
20				
21				
22				

SCHEDULE DAT

DRG. ITEM	BURNER RIGHT PART OR DRAWING NUMBER	QTY.	NOTE
	1181-970-1	8	
B	493-970-1	7	N
	P23-978	3	
D	495-970-1	7	
	P23-978	3	
	1485-970	5	
	1486-970	6	
F	502-970-[illegible]	7	N
	P23-978	3	
H	503-970-13	7	
	P23-978	3	
K	502-970-61	7	
	P23-978	3	
	1482-970	5	
	1482-970	6	
M	169-970-1	8	
	P23-978	3	
N	504-970	7	

QTY.	DRG. ITEM	NAME OR DESCRIPTION
REF		ERECTION DWG.
1		SIDE LINING SHT. UP. FRT
12		TUBE
1		SIDE LINING SHT LOW. FR
1		TUBE
1		ACCESS TUNNEL COVE
1		"
1		SIDE LINING SHT. STD 45"
5		TUBE
1		SIDE LINING SHT OIL. DOO
6		TUBE
1		SIDE LIN. SHT STD 45" SECT
6		TUBE
1		ACCESS TUNNEL COVER
1		"
1		SIDE LIN. SHT. @ REAR
3		TUBE
1		OILING DOOR PANEL

D.G.F JINGLE LAP OVEN
SIDE LINING SHT

WORK ENGINEER
2118.32

CONTRACT NO. 88420

WO 4654 NO. SHTS SHT. NO.

FORM MU

C FOR CROSS OU SECTION
N FOR PART NU TO BE FILLED
Q FOR QUANTITY TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
P FOR PREVIOUSLY ROUTED
O IN MARGIN ERECTION DRAWING

D FOLEY

3-19-69

BAKER PERKINS INC. CONTRACT No. M-88420

LINE	DRG. ITEM	~~ITEM~~ PART OR DRAWING NUMBER	SIZE	NOTE	DRG. ITEM	NO HANDING ~~SEE SHEET~~ PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION	MPS	CRATE NUMBER	LOOSE PIECE	SHIP. PIECE
0	1					297-970-3	DE	P		1	ERECTION ASSEMBLY				
53	2				A	294-970-1	I	P		1	CARRIAGE RIGHT SIDE	S			X
	3				C	042-970-1	D	P		1	SUPPORT ANGLE	S			X
	4				AE	420-970	D	P		2	SHIM FOR MAIN BEARING	S			X
	5				D	043-970	D	P		2	"V" BLOCK SHORT	S			X
	6				E	044-970	D	P		2	"V" BLOCK LONG	S			X
	7				Y	110-495-13	LD	P		10	SHIM FOR "V" BLOCK	S			X
	8				F	296-970	D	P		1	YOKE	S			X
	9				G	295-970	D	P		2	SPACER PIPE	S			X
99	10				J	048-970-1	D	P		1	STUB SHAFT	S			X
53	11				H	047-970-1	D	P		2	TAKE-UP SCREW	S			X
50	12				L	049-970	D	P		1	RETAINING WASHER	S			X
99	13				N	704-970	I	P		1	F.I. SPROCKET 21-T 4" P	S			X
99	14				P	1141-970	I	P		1	SPROCKET SET 1½" P	S			X
53	15				X	090-970-2	LD	P		1	SLIDING SEAL PLATE	S			X
	16				Z	091-970	LD	P		1	PIPE SUPPORT FOR SEAL SHT	S			X
	17				AA	092-970	LD	P		1	SLIDING SEAL SHEET	S			X
	18				AG	641-970	LD	P		1	GUARD	S			X
	19				AF	602-970	D			2	SLIDING SEAL HOLD. STRIP	S			X
	20				AK	420-970-1	D			3	SHIM FOR MAIN BEARING	S			X
	21				AL	110-495-14	LD			20	SHIM FOR "V" BLOCK	S			X
	22														

SCHEDULE DATE					
RTG	FORY	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM 2-3-4

NOTES

WORK ENGINEERING

TYPE DGF SINGLE LAP OVEN

SIZE ALL 26 & 32 TRAYS

STEP NO. 6

STEP TITLE TAKE-UP WITH SHAFTS & SPROCKETS

W.O. 4654

TOT. SHTS. 2

SHEET NO. 1

FORM MU-

CODE FOR NOTE COLUMN
C FOR CROSS OU CTION
N FOR PART NUMB TO BE FILLED
Q FOR QUANTITY TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
P FOR PREVIOUSLY ROUTED
D IN MARGIN ERECTION DRAWING

D. FOLEY 3-10-69

BAKER PERKINS INC.

CONTRACT No M-88420

LINE	DRG. ITEM	PART OR DRAWING NUMBER	SIZE	NOTE
		NO HANDING ~~SIDE RIGHT~~		
		297-970-4	DE	P
1	B	294-970-2	I	P
2	C	042-970-1	D	P
3	AE	420-970	D	P
4	D	043-970	D	P
5	E	044-970	D	P
6	Y	110-495-13	LD	P
7	F	296-970	D	P
8	G	295-970	D	P
9	K	048-970-2	D	P
10	A	047-970-1	D	P
11	L	049-970	D	P
12	N	704-970	I	P
13	P	1141-970	I	P
14	X	090-970-1	LD	P
15	Z	091-970	LD	P
16	AA	092-970	LD	P
17	AD	FJ-694	1	P
18	AG	641-970	LD	P
19	AF	602-970	D	2
20	AK	420-970-1	D	3
21	AL	110-495-14	LD	20
22				

UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION
	1	ERECTION ASSEMBLY
	1	CARRAIGE LEFT SIDE
	1	SUPPORT ANGLE
	2	SHIM FOR MAIN BEARING
	2	"V" BLOCK SHORT
	2	"V" BLOCK LONG
	10	SHIM FOR "V" BLOCK
	1	YOKE
	2	SPACER PIPE
	1	STUB SHAFT
	2	TAKE-UP SCREW
	1	RETAINING WASHER
	1	C.I. SPROCKET 21T. 4" P
	1	SPROCKET 52T 1½" P
	1	SLIDING SEAL PLATE
	1	PIPE SUPPORT FOR SE
	1	SLIDING SEAL SHT.
	1	STOP ANGLE
	1	GUARD
	2	SLIDING SEAL HOLD STR
	3	SHIM FOR MAIN BEARI
	20	SHIM FOR "V" BLOCK

~~WORK ENG~~

SCHEDULE DATE

RTG.	FDRY	SHEET METAL	PURCH MATL.	MACH SHOP	ASSEM. 2-3-4

NOTES

TYPE DGF SINGLE BAR OVEN

SIZE ALL 26"+32" TRAY

STEP TITLE

W.O. 4654

TOT. SHTS. 2

FORM MU-1

CODE FOR NOTE COLUMN
C - FOR CROSS OU[illegible]CTION
N - FOR PART NUMBER TO BE FILLED IN
Q - FOR QUANTITY TO BE FILLED IN
S - FOR SPECIAL PART
X - FOR NUMBER TEMPLATE REQUIRED
P - FOR PREVIOUSLY ROUTED
M - IN MARGIN = ERECTION DRAWING

PREPARED BY M. REID
~~CUSTOMER~~ D FOLEY

CODE NO.

BAKER PERKINS INC.

CONTRACT Nº M-88420

LINE	SIDE LEFT DRG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	SIDE LEFT QTY.	SIDE LEFT FOR	NO HANDING SIDE RIGHT DRG. ITEM	NO HANDING SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION
1						601-970-61	DE	N		1	ERECTION ASSEMBLY
2					A	576-970-11	D	Q		6	CORR. SHT.
3					B	576-970-12	D	Q		6	" "
4					C	576-970-13	D			3	" "
5					D	576-970-14	D			3	" "
6					E	418-970-4	LD			1	REAR SPREADER
7					F	RL-063-4	3	Q		4	CENTER SPREADER
8					G	1254-970-4	6D			1	LOWER FRONT BAFFLE
9					H	1255-970-12	6			1	" SWINGING "
10					A	1255-970-10	6			1	" " " ANGLE
11					B	1255-970-11	6			1	" " "
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											

SCHEDULE DATE

RTG.	FDRY.	SHEET METAL	PURCH. MATL.	MACH. SHOP	ASSEM.

NOTES (WORK EACH

TYPE DGF SINGLE LAP OVEN

SIZE ALL 12"-4" TRAYS

FILE SHEET
FORM MU
REV 5-21-62

CODE FOR NOTE COLUMN
C FOR CROSS OUT SEC N
N FOR PART NUMBER E FILLED IN
S FOR SPECIAL PART
T FOR NUMBER TEMPLATE REQUIRED
P PREVIOUSLY ROUTED
ARGIN = ERECTION DRAWING

PREPARED BY KINDSTRAND SERIES A 970
6-18-65
BY D FOLEY DATE 3-10-69

BAKER PERKINS INC.

LINE	DRG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	SIDE RIGHT No HANDING PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION	SHIP CRATE NUMBER	SHIP LOOSE PIECE	SHIP
1	V		534-970-[1]	8	N		1	TRACK ASSMB.			
2			A 523-970	LD	9		1	LOW TRACK FRT R.S.			X
3			1484-970-2	S	9	½	2	ROLLER PIN BRKT			X
4			B 522-970	LD	9		1	LOW TRACK FRT L.S.			X
5			1484-970-1	S	9	½	2	ROLLER PIN BRKT			X
6			C 526-970	LD			1	UPPER FRT TRACK R.S.			X
7			D 525-970	LD			1	" " " L.S.			X
8			352-970	D			1	CHAIN GUIDE	5		X
9		USE PLAIN N2 ON ALL 970 OVEN EXCEPT #118 - USE -1	E 524-970-[1]	LD	N		1	LOW REAR TRACK L.S.			X
		USE FLAT NO. ON ALL 970 OVENS EXCEPT #118 - USE -1	F 528-970-[1]	LD			1	" " " R.S.			X
		CROSS OUT FAR # 118-32 ONLY	352-970	D	C		1	CHAIN GUIDE	5		X
12			G 527-970	LD	9		1	TOP TRACK REAR L.S.			X
13			1484-970-1	S	9	½	2	ROLLER PIN BRKT			X
14			H 316-970	LD			1	TRACK SPLINE L.S.	5		X
15			J 314-970	D			1	SPLINE SUPP L.S.	5		X
16			K 316-970	LD			1	SHOE SPLINE L.S.	5		X
17			L P10 763-1	2			1	REAR SHOE L.S.	5		X
18			M 313-970	LD			1	RAIL GUIDE L.S.	5		X
19			N P10-774	1			1	REAR SHOE UPPER GUIDE	5		X
20			P P10-775	1			1	" " LOWER "	5		X
21											
22											

SCHEDULE DATE

WORK ENGINEERING

S.L. DIR. GAS FIRED OVEN ALL

OVEN TRACK

CONTRACT NO. 88120

W.O. 4654

STEP NO. 8

SETS SHEET

FORM MU-1
REV 5-21-62

C FOR CROSS OUT SECTION
N FOR PART NUMBER TO BE FILLED IN
S FOR SPECIAL PART
T FOR NUMBER TEMPLATE REQUIRED
( ) PREVIOUSLY ROUTED
ORIGIN = ERECTION DRAWING

6-18-65
BY O. FOLEY DATE

BAKER PERKINS, INC.

LINE	ORIG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	TYPE	CHG	ITEM	No HANDING ~~RIGHT~~ PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION
1						534-970 [1]	8	N		REF	TRACK ASSEM.
2					R	303-970	LD			1	TRACK SPLINE SUP. R
3					S	319-970	LD			1	SPLINE R.S
4					T	317-970	D			1	SPLINE SUPT. R.S
5					U	318-970	I			1	" R.S.
6					V	300-970	LD			1	LOW REAR TRACK SUPT
7					W	529-970	LD	9		1	TOP TRACK REAR R.S
8						352-970	D	9		1	CHAIN GUIDE
9						148A-970-2	S	9		2	ROLLER PIN BRKT
10					X	298-970	LD	9		8	TRACK BRKT R.S.
11					Y	302-970	LD	9		8	" " L.S
12					Z	P.N. 955	I	9		17	" SPACER
13					~~AA~~	~~120-970~~	~~L~~	~~9~~			~~TOP TRACK REAR R.S~~
14						~~352-970~~	~~D~~	~~9~~			~~CHAIN GUIDE~~
15						~~148A-970-2~~	~~S~~	~~9~~			~~ROLLER PIN BRKT~~
16					~~AB~~	~~120-970~~	~~L~~	~~9~~			~~TOP TRACK REAR L.S~~
17						~~148A-970-2~~	~~S~~	~~9~~			~~ROLLER PIN BRKT~~
18					~~AC~~	~~322-970~~	~~D~~	~~9~~			~~INTER TRACK 15'0" SECT R~~
19						~~352-970~~	~~D~~	~~9~~			~~CHAIN GUIDE~~
20					~~AD~~	~~322-970~~	~~D~~	~~9~~			~~INTER TRACK 15'0" SECT~~
21						~~352-970~~	~~D~~	~~9~~			~~CHAIN GUIDE~~
22											

SCHEDULE DATE

WORK ENG

ALL

S.L. DIR GAS FIRED OVEN CONTRACT 88420

OVEN TRACKS W.O. 4654

SHT. NO. 3 OF 3 SHTS.

STEP SHEET
FORM MJ
REV 5-21-62

CODE FOR NOTE COLUMN
C - FOR CROSS OUT SECTION
N - FOR PART NUMBER NOT FILLED IN
S - FOR SPECIAL PART
P - FOR NUMBER TEMPLATE REQUIRED
F - FROM WHERE ROUTED
ARROW - DIRECTION ON DRAWING

PREPARED BY KINDSTRAND SERIES [illegible]
6-18-65
BY D FOLEY
DATE 3-10-69

BAKER PERKINS INC.

LINE	DRG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	NOTE	No HANDING PART OR DRAWING NUMBER	NOTE	QTY	NAME OR DESCRIPTION	CODE	DATE	NUMBER	HOSE PIECE	SHIP PIECE
1				534-970-[1]	8	REF	TRACK ASSEM					
2				~~AA 181 970~~	9		~~LOWER TRACK REF RS~~					
3				~~AA 182 970~~	8		~~ROLLER PIN REF~~					
4				~~AA 183 970~~	6		~~LOWER TRACK REF RS~~					
5				~~AA 210 1~~	5		~~ROLLER PIN REF~~					
6				AG 181 970	7	4	CHAIN GUIDE ROLLER ASSM					
7				~~83 [illegible]~~	4		~~[illegible]~~					
8				202-636	D	4	ROLLER					
9				1539.970	5	4	ROLLER PIN					
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												

SCHEDULE DATE

(WORK ENGINEERING)

ALL 88420

JB 4654

8

S-L DIR GAS FIRED OVENS

OVEN TRACKS

FORM MU-8

CODE FOR NOTE COLUMN
C FOR CROSS OUT SECTION
N FOR PART NUMBER TO BE FILLED IN
Q FOR QUANTITY TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
P FOR PREVIOUSLY ROUTED
D IN MARGIN - ERECTION DRAWING

PREPARED BY MUNTER

CONTRACT No M-88420

CHECKED D. FOLEY 3-10-69

BAKER PERKINS INC.

LINE	DRG. ITEM	OPERATING SIDE LEFT PART OR DRAWING NUMBER	SIZE	NOTE	DRG. ITEM	OPERATING SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION	MPS	CRATE NUMBER	LOOSE PIECE	SHIP PIECE
1		727-970-61	DE	N		506-970-	DE	N		1	ASSY. OF CROWN SHEETS				X
2	A	363-970-4	I		A	363-970-4	I			1	CROWN SHT @ FRT.				X
3	B	684-970-2	I	Q	B	684-970-2	I	Q	1	4	" " W/ BLOWOUTS				
4		684-970-1	I	Q		684-970-1	I	Q	1	4	" " " "				
5	F	P15-538	3	Q	F	P15-538	3	Q	4	8	BLOWOUT PAD				
6	M	228-957-5	LD	Q	M	228-957-5	LD	Q	4	8	" "				
7	G	P15-539	3	Q	G	P15-539	3	Q	8	32	HOLD DOWN STRIP	USN			
8	H	P15-540	3	Q	H	P15-540	3	Q	4	16	" " "				
9	N	226-957-4	LD	Q	N	226-957-4	LD	Q	4	16	" " "				
10	C	2030-970-4	I	Q	C	2030-970-4	I	Q		1	CROWN SHT. @ COLAR. INTAKE				X
11	D	685-970-2	I		D	685-970-2	I			1	" " W/ BLOWOUTS				X
12		685-970-1	I			685-970-1	I			1	" " " "				
13	E	P15-536	3		F	P15-538	3			2	BLOWOUT PAD				
14	M	228-957-5	LD		M	228-957-5	LD			2	" "				
15	G	P15-539	3		G	P15-539	3			4	HOLD DOWN STRIP	USN			
16	H	P15-540	3		H	P15-540	3			8	" "				
17	N	226-957-4	LD		N	226-957-4	LD			4	" " "				
18	E	356-970-14	I		E	356-970-4	I			1	CROWN SHT. ASSY. @ REAR EXH.				X
19	B	357-970-2	I		B	357-970-1	I			1	EXH. DAMPER HOUSING				
20	A	358-970-14	I		A	358-970-4	I			1	CROWN SHT.				
21	C	361-970	D		C	361-970	D			1	DAMPER R.				
22	D	359-970	D		D	359-970	D			2	" " GUIDE	USN			

WORK ENDS HERE

SCHEDULE DATE

RTG.	FORY	SHEET METAL	PURCH MAT.	MACH SHOP	ASSEM 2-3-69

NOTES

TYPE DGF SINGLE LAP OVEN

SIZE ALL SHELLS 12-4" TRAY

SERIAL NO. 4654

TOT. SHTS. 2

SHEET NO. 1

STRIPS 9

FORM NO.

C FOR CROSS CUT SECTION
N FOR PART NUMBER TO BE FILLED
O FOR QUANTITY TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
P FOR PREVIOUSLY ROUTED
O IN MARGIN - ERECTION DRAWING

MUNCIE

CONTRACT NO. M-88420

CUSTOMER O. FOLEY

3-10-6

BAKER PERKINS INC.

LINE	DRG. ITEM	OPERATING SIDE LEFT PART OR DRAWING NUMBER	SIZE	NOTE	DRG. ITEM	OPERATING SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION
1		727-970-61	DE	N		566-970-[ ]	DE	N	REF		ASSY. OF CROWN SHEETS
2	E	356-970-14	I		E	356-970-4	I		REF		CROWN SHT. ASSY. @ REAR EXH.
3	H	362-970	D		H	362-970	D			1	DAMPER HOUSING COVER RL
4	F	366-970-4	I		F	366-970-4	I			1	CROWN SHT. @ REAR
5	G	P19-304-1	2		G	P19-304-1	2			1	STEAM DAMPER
6		87-958	D			87-958	D			1	BUSHING
7	H	P19-304-2	2		H	P19-304-2	2			1	STEAM DAMPER COVER
8	J	P25-543-A	3		J	P25-543-A	3			1	DAMPER SLIDE
9	B	PN-2079	1		B	PN-2079	1			1	DAMPER SLIDE PIN
10	M	369-970	D		M	369-970	D			1	STEAM DAMPER ROD SUPT.
11	N	20-960	D		N	20-960	D			1	BUSHING
12	P	774-970-4	I		P	640-970-4	I			1	REAR EXH. DAMPER CONTROL
13	A	636-970-2	LD		A	636-970-1	LD			1	DAMPER ROD & MICRO BASE
14	B	637-970-2	D		B	637-970-1	D			1	" " BKT.
15	C	638-970-4	D		C	638-970-4	D			1	" "
16	D	639-970	D		D	639-970	D			1	" " COVER
19	E	447-970	D		E	447-970	D			1	" " CONE
18	K	368-970-4	LD		K	368-970-4	LD			1	STEAM DAMPER ROD
19		367-970	D	Q	R	367-970	D	Q		13	CROWN SHT. SUPT.
20		P24-519	3	Q	S	P24-519	3	Q			PATCH SHT.
21											
22											

SCHEDULE DATE

RTG.	PORT	SHEET METAL	PURCH MATL.	MACH SHOP	ASSEM 2-3-4

NOTES

(WORK BACHED)

TYPE DGF SINGLE CAP OVEN

SIZE SINGLE CIRCUIT ALL SHELLS 12-4 TRAY

STEP TITLE

DR. 4654

TOT. SHTS.

SHEET NO.

STEP SH

CODE FOR NOTE COLUMN
C FOR CROSS OUT SECT
N FOR PART NUMBER TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
O IN MARGIN = ERECTION DRAWING

PREPARED BY Murphy
DATE 4-5-68
BY P FOLEY 9-10-69 SERIES NO.

BAKER PERKINS INC.

LINE	ORG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	SIDE RIGHT ORG.	NO. HANDING PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION
1	1			1901-970-1	8			1	DRIVE ASSEMBLY
2			D	1998-970	LD			1	CHAIN GUARD RT. SIDE
3			E	1997-970	7			1	CHAIN GUARD LT. SIDE
4			F	649-970	D			1	PAN UNDER SPK"T
5			G	654-970-1	LD			1	SPK"T 26T 1 1/2P.
6				120A26-093-2	LD			1	" " "
7			H	650-970-1	LD			1	ADJ. SPK"T. 26T. 1 1/2P
8				120A26-093-3	LD			1	" " "
9				652-970-1	LD			1	HUB
10				653-970	D			1	BACK PLATE
11			J	120B36-093-2	LD			1	SPK"T. 36T. 1 1/2P
12			K	120B16-093-1	LD			1	SPK"T. 16T. 1 1/2P.
13			L	1922-970	D			1	TACH. GEN. BRKT.
14			M	116-970	LD			1	CHAIN TAKE-UP
15				1J7-970	D			1	ANG. BRK"T.
16				3020-074-33	LD			1	STUB SHAFT
17				120B12-093-2	LD			1	SPK"T. 12T. 1 1/2P.
18				796-603-93	D			1	BUSHING
19			N	PN-238	1			1	"V" GR. PULLEY 2.875P.D.
20			BN	670-960	5	N		5	PATCH SHT.
21									
22									

SCHEDULE DATE

RTS	FURY	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM 2-3-4

NOTES STD. DRIVE OR TORQUE LIMITER

TYPE S.D. DIR. GAS FIRED TRAY OVEN

SIZE ALL WIDTHS

CONTRACT NO. M- 88420

STEP TYP OVEN DRIVE AND SYNCHRONIZER 6 TRAYS/MIN. UNLOAD (T-200)

WO. 4654 31

TOT. SHTS 5

SHT

WORK BENCH

BAKER PERKINS INC.

X FOR NUMBER TEMPLATE REQUIRED
O IN MARGIN = ERECTION DRAWING

DATE 4-5-68

BY D FOLEY 3-10-69 SERIES No. 970

LINE	DRG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	SIZE	ENGR	NO HANDING SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION	S	CRATE NUMBER	LOOSE PIECE SHIP
1					1901-970-1	8		REF		DRIVE ASSEMBLY			
2				P	660-970	LD			1	CHAIN TAKE-UP			
3					127-970	D			1	ANG. SUP"T.			X
4					128-970	D			1	STUB. SHAFT			
5					40B18-093-16	LD			1	SPK"T 18T. 1/2P.			
6					803-603-83	D			1	BUSHING			
7				R	659-970	D			1	SPK"T. 42T 1/2P.			
8				S	1X40B60-093-4	LD			1	SPK"T. 60T. 1/2P.			9X9
9				T	97-970	LD			2	TAKE-UP BRK"T.			9X9
10					812-603-74	D			2	BUSHING			X
11					120B12-093-1	LD			2	SPK"T 12T. 1 1/2P.			
12													
13					1901-970-2	8	N		1	DRIVE VARIABLE PARTS			
14				AS	107-970-2	D	N		1	TACH. GEN. SHEAVE			9X9
15													
16					1901-970-54	8	N		1	DRIVE CROSS PARTS			
17					1920-970-4	DE	N		1	DRIVE PLATFORM			X
18					~~BM 670-970~~	~~P~~	~~N~~		~~5~~	~~PATCH CUT~~			~~X~~
19													
20													
21													
22													

SCHEDULE DATE

RTG	FDRY	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM 2-9-A

NOTES STD. DRIVE OR TORQUE LIMITER

TYPE S.I. DIR. GAS FIRED TRAY OVEN

STEP TYPE OVEN DRIVE AND SYNCHRONIZER 6 TRAYS/MIN UNLOAD

SIZE ALL WIDTHS

CONTRACT No. M-8420*

WO. 4654

CL 31

TOT. SHTS 5

SHEET No. 2

STEP NO. 10

REV. 3-15-67

(WORK ENGINEERING)

STEP SH

CODE FOR NOTE COLUMN
O FOR CROSS OUT SEC N
N FOR PART NUMBER T E FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
O IN MARGIN = ERECTION DRAWING

PREPARED BY Murphy
DATE 4-5-68
BY R FOLEY 3-10-69 SE

BAKER-PERKINS INC.

LINE	ACCESS	SIDE LEFT PART OR DRAWING NUMBER	NOTE	NO HANDING SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCR
1				1901-970-54	8	N	REF		DRIVE CROSS PARTS
2			B	892-970-4	LD	N		1	COUNTERSHAFT
3									
4				SAFELOAD ONLY-NON STANDARD					
5				~~1901-970-60~~	~~8~~	~~C~~	~~1~~	~~1~~	~~DRIVE~~
6				SAFELOAD & TOR. LIMITER-STANDARD					
7		NOTE: CROSS OUT		1901-970-61	8	C		1	TORQUE LIMITER
8		LINE 5 OR 7 & 8	W	372-980	LD	C		1	SHEAVE 2-GR. B-SECT.
9									
10				1901-970-62	8			1	REEVES
11			C	1921-970	7	N		1	REEVES BASE
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

SCHEDULE DATE

PTG	FORM	SHEET METAL	PURCH MAT.	MACH SHOP	ASSEM 2-3-4

NOTES STD. DRIVE OR TORQUE LIMITER

TYPE S.L. DIR. GAS FIRED TRAY OVEN

SIZE ALL WIDTHS

CONTRACT NO. M- 8842

STEP TITLE OVEN DRIVE AND SYNCHRONIZER
6 TRAYS/MIN. UNLOAD (T-298)

W.O. 4654

STEP SH

CODE FOR NOTE COLUMN
C - FOR CROSS-OUT SEC. N
N - FOR PART NUMBER
S - FOR SPECIAL PART
X - FOR NUMBER TEMPLATE REQUIRED
O - IN MARGIN = ERECTION DRAWING

PREPARED BY Murphy
CHECKED
DATE 4-2-68
BY D FOLEY 3-10-69 SERIES NO. 9

BAKER PERKINS INC.

LINE	ORG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	NOTE	NO HANDING SIDE RIGHT PART OR DRAWING NUMBER	TYPE	MOUNT	FIELD LIMIT	TOTAL ACCY	NAME OR DESCRIPTION
1				1901-970-54	B	N	REF		DRIVE CROSS PARTS
2			B	892-970-4	LD	N		1	COUNTERSHAFT
3									
4				SAFELOAD ONLY-NON STANDARD					
5				~~1901-970-60~~		C		1	DRIVE
6				SAFELOAD & TOR. LIMITER-STANDARD					
7		NOTE: CROSS OUT		1901-970-61	B	C		1	TORQUE LIMITER
8		LINE 5 OR 7 & 8	W	372-980	LD	C		1	SHEAVE 2-GR. B-SECT. P.D. 15.4
9									
10				1901-970-62	B			1	REEVES
11			C	1921-970	7	N		1	REEVES BASE
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

SCHEDULE DATE

PTG	FURY	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM 2 3 4

NOTES STD. DRIVE OR TORQUE LIMITER

TYPE S.I. DIR. GAS FIRED TRAY OVEN

SIZE ALL WIDTHS

CONTRACT NO. M 8420

STEP FIC OVEN DRIVE AND SYNCHRONIZER 6 TRAYS/MIN. UNLOAD (T-209)

W.O. 4654

EL. 31

TOT. SHTS 5

SHEET NO 3

(WORK ENGINE

		PART NO. OR DRAWING NUMBER				NAME OR DESCRIPTION
		1901-970-1	DF	N	REF.	DRIVE ASSEMBLY
		1269-970-1	DE	N	1	SYNCHRONIZER ASSEM.
	A	1261-970	I		1	FRAME FOR SYNCHRONIZER
	B	1264-970	LD	N	2	SPROCKET & SWITCH BRACKET
		35B40-093-12	LD	N	2	SPKT. 40 T. 3/8P.
	C	1262-970	LD		1	BANNER CAM
	D	1263-970-2	LD		1	NUT
	A	1263-970-1	LD		1	BAR
	B	272-970	D		1	ADJ. SCREW FOR CAM FOLLOWER
	F	890-907-90	I		1	SHAFT 3/4 DIA. X 24 3/4
	B	35B18-093-4	LD	N	2	SPROCKET 3/8P.
	H	890-907-[illegible]	I		1	SHAFT 3/4 DIA. X [illegible]
	J	[illegible]	[illegible]		[illegible]	[illegible]
	K	890-907-161	I		1	SHAFT 3/4 DIA. X 25 3/8
	M	1239-824-1	D		3	STUB SHAFT
	N	855-970	LD		5	BUSHED 18T. 3/8P. SPKT.
	P	35B18-093-11	LD		5	SPKT. 18T. 3/8P. 1"B.
	Q	803-803-03	D		5	BUSHING
	R	1238-824	D		1	STUB SHAFT
	S	890-907-31	I		1	SHAFT 3/4 DIA. X 27 1/2
	T	35B22-093-8	LD	N	1	SPROCKET 3/8P. 3/4 BORE

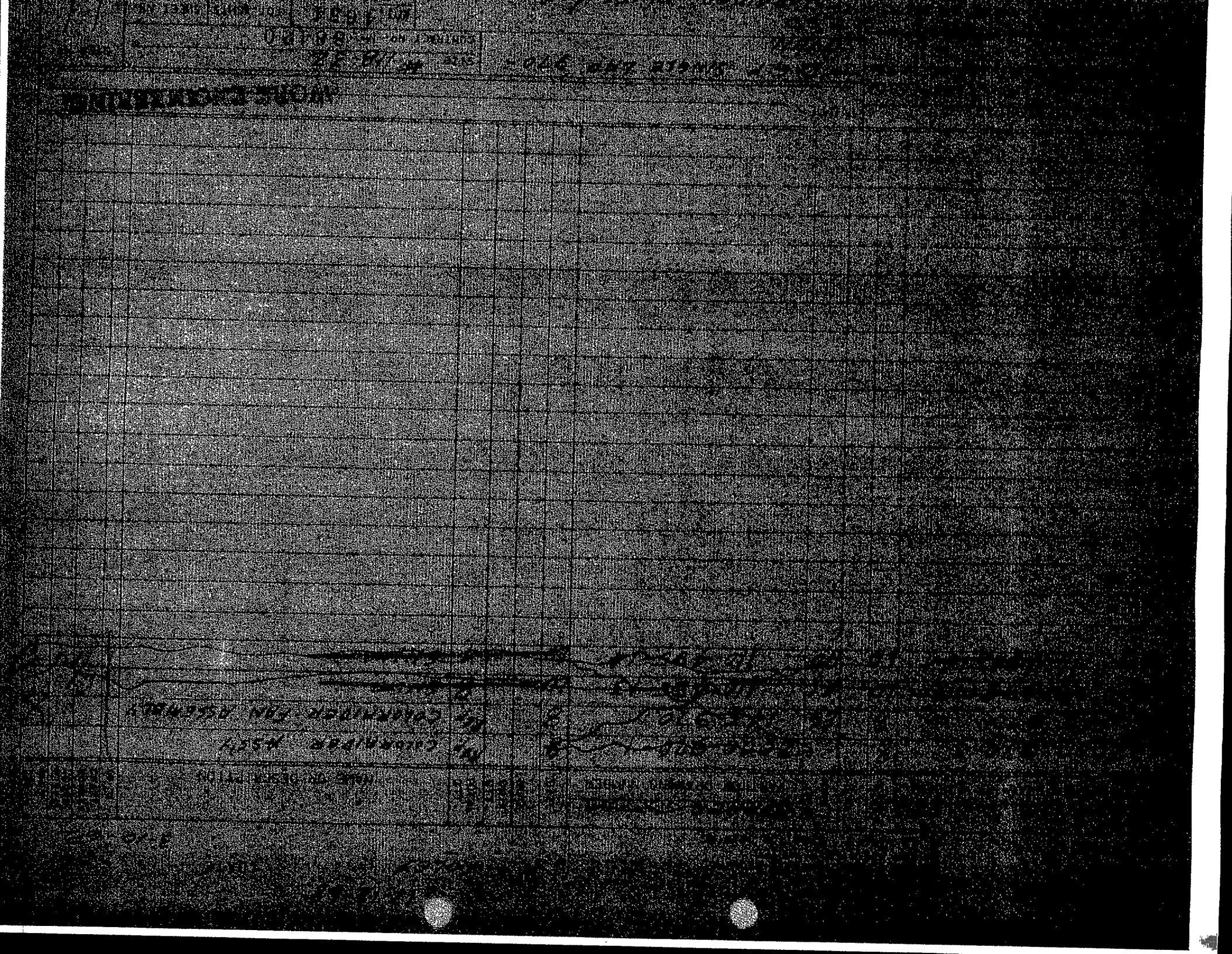
ONE 645 FIBER STABLE LAP TRAY OVEN

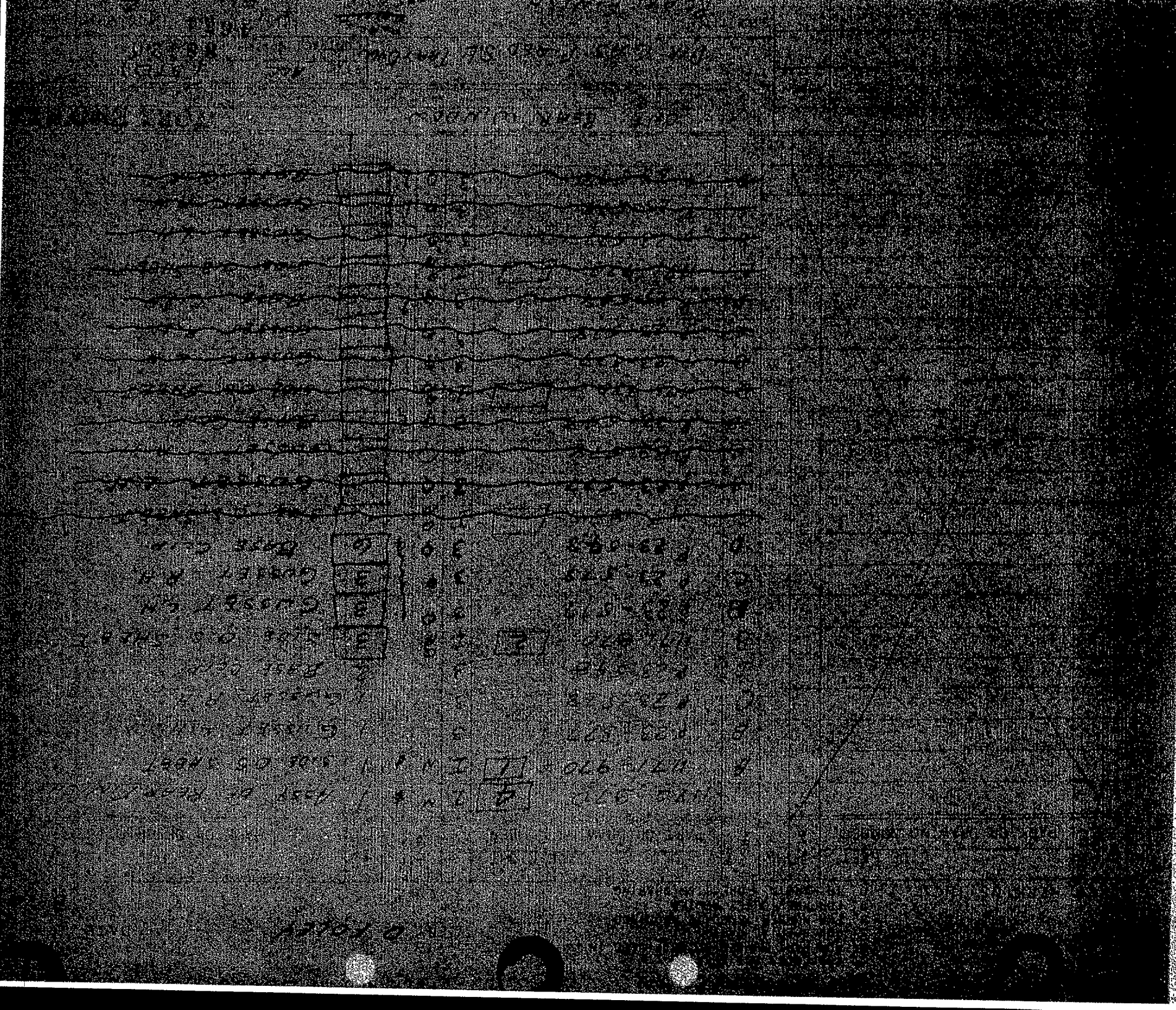
SCALE ALL

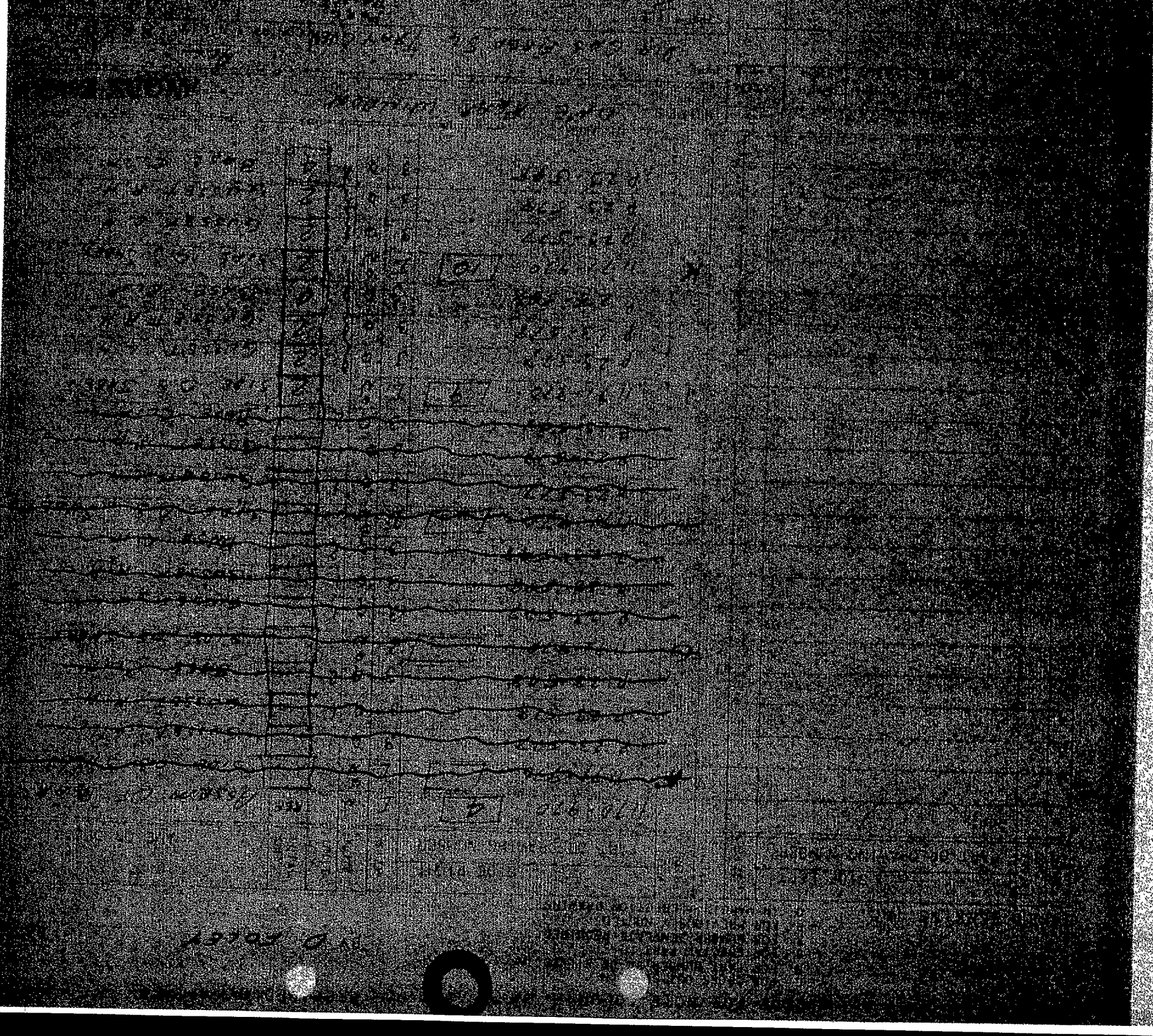
CONTRACT NO. 14-08-0001-[illegible]

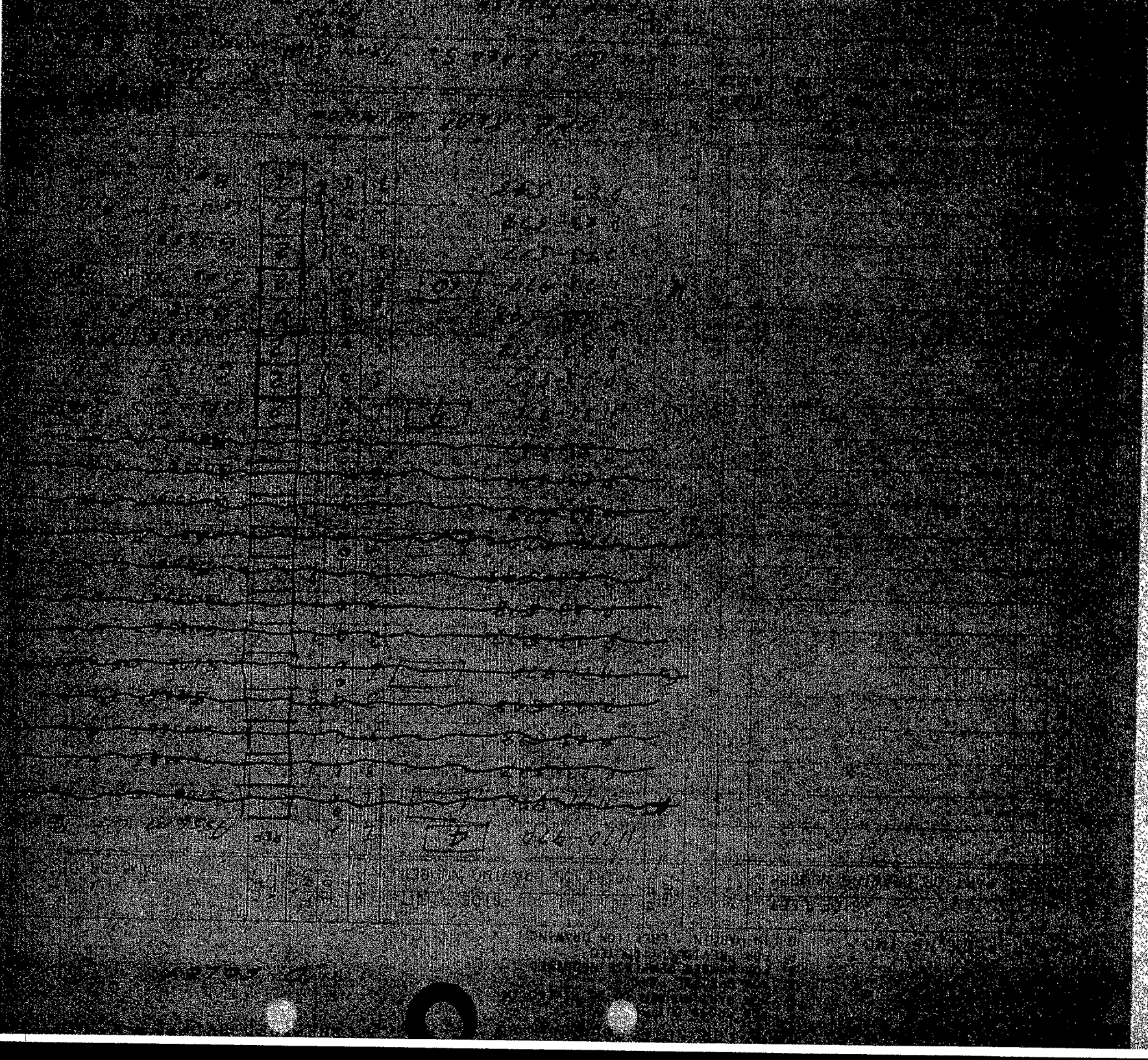
DRAWING NO. 1901-970-1

SHEET 1 OF 1









ORIGINAL BY D. FOLEY DATE 3-10-69 SERIES No. 970-~~980~~

LINE	PART OR DRAWING NUMBER	SIZE	QTY.	NAME OR DESCRIPTION
1	227-970-	8	1	TRAY ASSEMBLY-32"
2	1154-970-	7	1	TRUNNION ASSEMBLY
3	1312-970-1	6	6	HEADED TRAY PIN
4	1311-970-1	6	6	PLAIN TRAY PIN
5	288X		6	CPLG. PIN & COTTER -- JEFFERY CHAIN
6	288X		6	CPLG. PIN & COTTER -- LINK - BELT
7				
8				
9				
10				
11				
12				
13				
14				
15				
16	235X		2	STEAM VALVE BONNET ASS'Y
* 17	235X		5	STEAM VALVE SEALING DISC
* 18	235X		5	STEAM VALVE COMPOSITION DISC
* 19	105X		70"	SPRING BELT FOR TACHOMETER
* 20	105X		1	SPRING BELT CONNECTOR
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

CONTRACT No. M- 88420

CUSTOMER COLONIAL BKG. CO.

ADDRESS CHATTANOOGA, TENNESSEE

STEP TITLE RECOMMENDED SPARE PARTS LIST -MECHANICAL

* DESIRABLE, BUT NOT REQUIRED FOR EMERGENCY OPERATION

970-980 DIRECT GAS FIRED TRAY OVEN

32" TRAY

W.O. 4654 SHTS. 1 SHT. No. 1

CL. 31

49

MU-24

CHANGE SHEET
JOHN [redacted] 1-62

SCHED 3/25		PRINTS ORD 3/25	
TO TIN PT		TO TAB 3/25	
TIN PTS ASSD 3/17		REQ. PULLED	
TO TAB		SH. + CO LIST 3-29	
KEY PNCHD AMM		TO RTG 3/31	
VERIFIED		ORDER AND SHIPPING LIST	

BAKER PERKINS INC. SAGINAW, MICH.

TYPE HEATING EQUIPMENT — SIZE 11 8-32 — SERIES 970

QUANTITY ONE — 18 TRAYS 32' X 12'-4"

CHARACTERISTICS PER CONTRACT

POWER 240-60-3 — CONTROL VOLT: 115-60-1

OPERATING SIDE: [redacted] LT. HD.

NO. OF CONTROL SECTIONS: 4

TYPE OF TEMP CONTROL: ELECTRIC MODULATION PARTLOW

NO & TYPE OF BURNERS: 33 B.P. TRI ZONE

TYPE & SIZE COMBUST. AIR BLOWER: #1605 BLOWER TO DELIVER 675 CFM AIR @ 16 oz PRESS DIRECT COND TO A 5 HP MOTOR

INSURANCE CARRIER: F.I.A.

SPECIAL CHARACTERISTICS: FIRST 12 BURNERS SHIELDED

PURGE TIME 5

BAKE TIME 5 TO 40

PRODUCT ROLLS

WORK ENTERING

SHIP TO Colonial Baking Co.

STREET NUMBER 2220 E. 4TH ST.

CITY CHATTANOOGA

STATE TENN

SCHEDULE DATE	RTG	FDRY	SHEET METAL	PUNCH MATL.	MACH SHOP	ASSEM 2-3-4
	1510		17.0	17.0	18.0	20.0
	4/17		4/21	4/21	4/20	5/1

OVEN 4654, LOADER 4655
UNLOADER 4656, OVEN ELECT 4658, LOADER ELECT 4659
SPARE 4660

COMPILED BY SIMPSON

ENG. RELEASE DATE 3/16/62

CONTRACT NUMBER M-88420

MACHINE NUMBER 55765

CLASS 31

W.O. 4657

S ING.

ORIGINAL BY SHIPSON DATE 3-10-59

AND SHIPPING LIST INDEX FOR COLONIAL BAKING CO. CHATTANOOGA, TENN SERIES 970

DESCRIPTION	RELEASE DATE		STEP NO	DESCRIPTION	RELEASE DATE
DRAWINGS			26		
ASTIC PIPING SIDE OF OVEN	3/4		27		
PIPING			28		
TION			29		
USTION BLOWERS			30		
			31		
			32		
			33		
			34		
			35		
			36		
			37		
			38		
			39		
			40		
			41		
			42		
			43		
			44		
			45		
			46	WORK ENGINEERING	
			47	MOTOR CONTROL SCHEDULE	3/4
			48		
			49	SPARE PARTS	
			50		

STEP SHEET

CODE FOR NOTE COLUMN
C FOR CROSS OUT SECTION
N FOR PART NUMBER TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
O IN MARGIN = ERECTION DRAWING

PREPARED BY Simpson
DATE 3-10-69
BY Simpson

BAKER PERKINS, INC.

SERIES NO. 970

LINE	OPER	SIDE LEFT PART OR DRAWING NUMBER	FIT	REQ'D	OPER	SIDE RIGHT PART OR DRAWING NUMBER	SIZE	WGHT	QUAN	POS	NAME OR DESCRIPTION	S	SAMPLE NUMBER	TEMPLATE	FIELD ASSEM
1		7009-080-4	DE			7010-080-1	DE			1	SCHEMATIC BURNER PIPING				
2															
3	A	6266-080-1	DE	A		6263-080-1	DE			13	TOP HEADER TO BURNER CONN STD				X
4															
5	B	6266-080-2	DE	B		6268-080-2	DE			4	TOP HEADER TO BURNER CONN SPL				X
6															
7	C	6267-080-1	DE	C		6264-080-1	DE			10	BOTTOM HEADER TO BURNER CONN STD.				X
8															
9	D	6267-080-2	DE	D		6269-080-2	DE			3	BOTTOM HEADER TO BURNER CONN SPL.				X
10															
11	E	6268-080-1	DE	E		6262-080-1	DE			1	BOTTOM HEADER TO BURNER CONN				X
12															
13	F	6269-080-1	DE	F		6265-080-1	DE			2	BOTTOM HEADER TO BURNER CONN SPL. WITH RECT COVER PL				X
14															
15															
16		240X0215				240X0215	C			33	PYRONICS MIXER 17/64 ORIFICE				
17															
18		240X0241				240X0241	C			33	PYRONICS MIXER 15/64 ORIFICE (ASSEMBLE TO ABOVE HEADER TO BURNER CONN BEFORE SHIPPING)				
19															
20															
21															
22															

SCHEDULE DATE

RTG	FORY	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM 2-3-4

NOTES

TYPE Direct Gas Fired Tray Oven

SIZE 118-32

CONTRACT NO. M 88420

STEP TITLE Schematic Burner Piping

SIDE OF OVEN

W.O. 4657

TOT. SHTS 3

SHEET NO. 1

STEP NO. 2

(WORK ENGINEERING)

SHEET

CODE FOR NOTE COLU
C FOR CROSS OUT SECTION
N FOR PART NUMBER TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
O IN MARGIN = ERECTION DRAWING

PREPARED Simpson

DATE 3-10-69

BY Simpson

PERKINS INC.

SERIES NO. 970

OPER SIDE LEFT PART OR DRAWING NUMBER	SIDE OF ITEM	OPER SIDE RIGHT PART OR DRAWING NUMBER	SIDE OF ITEM	NOTE	UNIT OF MEAS	QUAN PER OPER	NAME OR DESCRIPTION	S	CRATER NUMBER	LOOSE PIECE	SHIP PIECE
7009-080-4	DE	7010-080-1	DE			REF	SCHEMATIC BURNER PIPING				
6277-080-1	IK	6259-080-1	I			1	TOP AIR HEADER #1				X
6277-080-2	IL	6259-080-2	I			1	TOP AIR HEADER #2				X
6277-080-3	IM	6259-080-3	I			1	BOT AIR HEADER #3				X
6277-080-4	IN	6259-080-4	I			1	BOT AIR HEADER #4				X
6278-080-1	IP	6258-080-1	I			1	TOP GAS HEADER #1				X
6278-080-2	IR	6258-080-2	I			1	TOP GAS HEADER #2				X
6278-080-3	IS	6258-080-3	I			1	BOT GAS HEADER #3				X
6278-080-4	IT	6258-080-4	I			1	BOT GAS HEADER #4				X
7009-080-9	U	7010-080-9				4	PIPE 2½ x 6 (TOE)				X
7009-080-10	X	7010-080-10				2	PIPE 2½ x 20 (TOE)				X
7009-080-11	Y	7010-080-11				2	PIPE 2½ x 53 (TOE)				X
7009-080-12	Z	7010-080-12				2	PIPE 1¼ x 42¾ (TBE)				X
7009-080-13	AA	7010-080-13				2	PIPE 1¼ x 68 13/16 (TBE				X
7352-080	IAD	7351-080	I	C		1	INSTR MTG BRKT (ELECT)				X
5854-080	IAE	5818-080	I	C		1	INSTR MTG BRKT (ATE)				X
5703-080	4DAE	5701-080	D			3	TOP AIR & GAS HEADER BRKT	C			X
5790-080	4DAF	5703-080	D			2	BOT AIR & GAS HEADER BRKT	C			X

SCHEDULE DATE

FOUNDRY	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM 2-1-1

NOTES

WORK ENGINEERING

TYPE DIRECT GAS FIRED TRAY OVEN

SIZE 118-32

CONTRACT NO. M 88420

STEP NO. 2

STEP TITLE SCHEMATIC BURNER PIPING

WO. 4657

TOT. SHTS

SHEET NO.

C FOR CROSS OUT SECTION
N FOR PART NUMBER TO BE [illegible]ED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
O IN MARGIN = ERECTION DRAWING

DATE 3/10[illegible]9 SIMPSON

INC. BY SIMPSON SERIES NO. 970

SIDE LEFT DRAWING NUMBER	REF	REQ'D DATE	OPER. SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT SET	QTY. PER UNIT	NAME OR DESCRIPTION	S	CREATE NUMBER	LOOSE PIECE	SHIP PIECE
-080-[4]	DE		7010-080-[ ]	DE			REF	SCHEMATIC BURNER PIPING				
9-080	I		5706-080	I			2	BOT COMB TRANSF & HEADER BRKT	U			
-080	LO		AH 5702-080	LO			1	TOP AIR & GAS HEADER BRKT	S			X
-080-14			AU 7010-080-14				1	PIPE 3/8 STD X 13 (TBE)				X
2-080-[7]	DE		AV 6552-080-[ ]	DE	C		2	BULB MTG TOP (ELECT)	U			
3-080	D		D 5723-080	D	C		2	COUPLING PLATE	U			X
68-970-1	D		A 568-970-1	D	C		2	GASKET RETAINER	U			
6-970	D		E 566-970	D	C		2	GASKET	U			X
9-080-[4]	D		F 4999-080-[ ]	D	C		2	SUPPORT PIPE	U			X
1-080	D		G 4671-080	D	C		8	CLIPS	U			X
2-080	D		H 5722-080	D	A		2	BRKT TO MTG BULB	U			X
3-080-[ ]	DE		AY 5723-080-[ ]	DE	C		2	BULB MTG TOP (AIR)				
3-080	D		D 5723-080	D	C		2	COUPLING PLATE				X
68-970-1	D		A 568-970-1	D	C		2	GASKET RETAINER				
6-970	D		E 566-970	D	C		2	GASKET				X
9-080-[ ]	D		F 4999-080-[ ]	D	C		2	SUPPORT PIPE				X
-080	D		G 4671-080	D	C		8	CLIPS				X

DUCE DATE

ET AL	PURCH MATL.	MACH SHOP	ASSEM 2-3-4

NOTES

TYPE DIRECT GAS FIRED TRAY OVEN SIZE 118-32

CONTRACT NO. 1# 88420

STEP TITLE SCHEMATIC BURNER PIPING SIDE OF OVEN

WO. 4657 CL 31 | TOT. SHTS. 13 | SHEET NO. 3

STEP NO. 2

WORK ENGINEERING

REV. 3-15-67

CODE FOR NOTE COLUMN
C - FOR CROSS OUT SECTION
N - FOR PART NUMBER TO BE FILLED IN
S - FOR SPECIAL PART
X - FOR NUMBER TEMPLATE REQUIRED
O - IN MARGIN - ERECTION DRAWING

PREPARED BY SIMPSON
DATE 3.10.69
BY SIMPSON

EL.

RKINS INC.

SERIES NO. 970

OPER	SIDE LEFT PART OR DRAWING NUMBER	SIDE	STEP	OPER	SIDE RIGHT PART OR DRAWING NUMBER	SIDE	NOTE	UNIT QTY	TOTAL QTY	NAME OR DESCRIPTION	LIST	CRATE NUMBER	LOOSE PIECE	SHIP PIECE
	009-080-[4]	DE			7010-080-[ ]	DE			REF	SCHEMATIC BURNER PIPING				
	5823-080-[ ]	DE	AY		5823-080-1	DE	C		REF	BULB MTG TOP AIR				
	5722-080	D	H		5722-080	D	C		2	BRKT TO MTG BULB				X
	6552-080-[8]	DE	A2		6552-080-[ ]	DE	C		2	BULB MTG BOT (ELECT)				
	5723-080	D	D		5723-080	D	C		2	COUPLING PLATE	5			X
	568-970-1	D	A		568-970-1	D	C		2	GASKET RETAINER	1			1
	566-970	D	E		566-970	D	C		2	GASKET	10			X
	4999-080-[4]	D	F		4999-080-[ ]	D	C		2	SUPPORT PIPE				X
	4671-080	D	G		4671-080	D	C		8	CLIPS	10			X
	5721-080	D	H		5721-080	D	C		2	BRKT TO MTG BULB	5			X
	5823-080-[ ]	DE	AZ		5823-080-[ ]	DE	C		2	BULB MTG BOT (AIR)				
	5723-080	D	D		5723-080	D	C		2	COUPLING PLATE				X
	568-970-1	D	A		568-970-1	D	C		2	GASKET RETAINER				1
	566-970	D	E		566-970	D	C		2	GASKET				X
	4999-080-[ ]	D	F		4999-080-[ ]	D	C		2	SUPPORT PIPE				X
	4671-080	D	G		4671-080	D	C		4	CLIPS				X
	5721-080	D	H		5721-080	D	C		2	BRKT TO MTG BOLT				X

SCHEDULE DATE

DRY.	SHEET METAL	PURCH MATL.	MACH SHOP	ASSEM 2-A-A

NOTES

WORK ENGINEERING

TYPE DIRECT GAS FIRED TRAY OVEN

SIZE 118-32

CONTRACT NO. M 88420

STEP TITLE SCHEMATIC BURNER PIPING SIDE OF OVEN

WO. 4657

CL 3/

TOT. SHTS. 13

SHEET NO. 4

STEP NO. 2

CODE FOR NOTE COLUMN
C - FOR CROSS OUT SECTION
N - FOR PART NUMBER TO BE FILLED IN
S - FOR SPECIAL PART
X - FOR NUMBER TEMPLATE REQUIRED
O - IN MARGIN = ERECTION DRAWING

PREPARED BY SIMPSON

DATE 3-1069

BY SIMPSON

SERIES NO. 970

STEP SHEL

BAKER PERKINS INC.

LINE	DRG-ITEM	OPER SIDE LEFT PART OR DRAWING NUMBER		OPER SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION	S	CRATE NUMBER	LOOSE PIECE	SHIP PIECE
1		7009-080-4	DE	7010-080-	DE			REF	SCHEMATIC BURNER PIPING				
2													
3	BA	5751-080	I	BA 5751-080	I			27	STD BURNER SLEEVE	S			X
4	BB	5653-080	DE	BB 5653-080	DE			2	BURNER BOX RECT TYPE	S			X
5	BC	170-970	LD	BC 170-970	LD			4	SPL BURNER SLEEVE	S			X
6	BF	5725-080-2	I	BF 5725-080-1	I			4	BURNER SHIELD IN OLING DOOR AREA	S			R
7													
8	A	5726-080-2	LD	A 5726-080-1	LD			4	BURNER SHIELD	S/A			X
9	BG	6140-080	D	BG 6140-080	D			2	BURNER SPANNER BNR WRENCH	S/A			X
10													
11	BH	4826-080-1	D	BH 4826-080-1	D			1	IDENT PL ZONE # 1 AIR	S			X
12	BJ	4826-080-2	D	BJ 4826-080-2	D			1	IDENT PL ZONE # 2 AIR	S			X
13	BK	4826-080-3	D	BK 4826-080-3	D			1	IDENT PL ZONE # 3 AIR	S			X
14	BL	4826-080-4	D	BL 4826-080-4	D			1	IDENT PL ZONE # 4 AIR	S			X
15	BM	4827-080-1	D	BM 4827-080-1	D			1	IDENT PL ZONE # 1 GAS	S/A			X
16	BN	4827-080-2	D	BN 4827-080-2	D			1	IDENT PL ZONE # 2 GAS	S/A			X
17	BP	4827-080-3	D	BP 4827-080-3	D			1	IDENT PL ZONE # 3 GAS	S/A			X
18	BR	4827-080-4	D	BR 4827-080-4	D			1	IDENT PL ZONE # 4 GAS	S/A			X
19	BS	4828-080-1	D	BS 4828-080-1	D			1	IDENT PL ZONE # 1	S/A			X
20	BT	4828-080-2	D	BT 4828-080-2	D			1	IDENT PL ZONE # 2	S/A			X
21	BU	4828-080-3	D	BU 4828-080-3	D			1	IDENT PL ZONE # 3	S/A			X
22	BV	4828-080-4	D	BV 4828-080-4	D			1	IDENT PL ZONE # 4	S/A			X

SCHEDULE DATE

RTG	PURY	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM 2-3-4

NOTES

WORK ENGINEERING

TYPE DIRECT GAS FIRED TRAY OVEN

SIZE 118 32

CONTRACT NO. 1-88420

STEP TITLE SCHEMATIC BURNER PIPING

J.O. 4657

TOT. SHTS. 13

SHEET NO. 5

STEP NO. 2

C FOR CROSS OUT SECTION
N FOR PART NUMBER TO BE F[illegible]TD IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
O IN MARGIN - ERECTION DRAWING

DATE 12-1[illegible]-68 3.10.69
BY SIMPSON
SERIES NO. 970

E LEFT NUMBER	SIZE	ENG ITEM	OPER SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY	QTY REQ'D	NAME OR DESCRIPTION	S	CERT NUMBER	CODE PIECE	SHIP PIECE
4	DE		7010-080- [1]	DE			REF	SCHEMATIC BURNER PIPING				
X	H	BN	5392-080	H			1	F.M. CHECKING MATL				
O	D	A	4864-080	D			1	SUPPORT	U			X
4	I	CA	5725-080-3	H			4	BURNER SHIELD IN TAKE UP AREA				R
O-2	L	DA	5727-080-1	L			4	BURNER SHIELDS	U			X
	D	CA	5253-080	D			33	TRANS' GRND TERM	U			X
	D	A	6247-080	D			33	BASE BOLT	U			
	40	CC	5663-080	40			2	BURNER SUPPORT IN UNLOADER AREA	U			X
	3	B	P23/978	3			2	BURNER TUBE	U			
	D	CC	5800-080	D			1	AIR LINE SUPPORT	U			X
[redacted]	D	CC	5801-080	D			1	GAS LINE SUPPORT	U			X
	5	CA	7353-080- [1]	5			2	PRESS GA MTG BRCT	U			X
1	I	H	5443-080-1	H			1	AIR PIPING				
6	E		5443-080-6	C			1	PIPE 1/4 X 36 (TOC)				X
	I		6781-080	H			1	TYP LG OF BURNER PARTS				

MACH SHOP | ASSEM 2-3-4

NOTES

WORK INSTRUCTIONS

TYPE DIRECT GAS FIRED TRAY OVEN | SIZE 11-8-32 | CONTRACT NO. 1+ 88420 | STEP NO. 2

STEP TITLE SCHEMATIC BURNER PIPING SIDE OF OVEN | W.O. 4657 CL 31 | TOT. SHTS 13 | SHEET NO. 6

REV 3-18-87

STEP SHEET

CODE FOR NOTE COLUMN
C FOR CROSS OUT SECTION
N FOR PART NUMBER TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
O IN MARGIN - ERECTION DRAWING

PREPARED BY SIMPSON
DATE 3-10-69
BY SIMPSON

BAKER PERKINS INC.

SERIES NO. 970

LINE	ORDER OPER	SIDE LEFT PART OR DRAWING NUMBER	SIZE	ORDER OPER	SIDE RIGHT PART OR DRAWING NUMBER	SIZE	WT.	UNIT QTY	TOTAL QTY	NAME OR DESCRIPTION	S	GRADE NUMBER	LOOSE PIECE	SHIP PIECE
1		7009-080-4	8		7010-080-	8			REF	SCHEMATIC BURNER PIPING SIDE OF OVEN				
2														
3														
4	AJ	363-090-5	7	AJ	363-090-3	7			31	B-P IGNITOR UNITS				X
5	B	346-090-3	5	B	346-090-2	5			31	IGNITOR TUBE	S			
6	D	349-090-3	5	D	349-090-2	5			31	IGNITOR ROD & TIP	S			
7	B	335-090	D	B	335-090	D			31	SPARKING TIP	S			
8	K	339-090	5	K	339-090	5			31	IGNITOR MTG BUSH	S			
9														
10	CJ	363-090-6	7	CJ	363-090-4	7			2	B-P IGNITOR UNIT FOR RECT. COVER PL				X
11														
12	B	346-090-3	5	B	346-090-2	5			2	IGNITOR TUBE	S			
13	D	349-090-3	5	D	349-090-2	5			2	IGNITOR ROD & TIP	S			
14	B	335-090	D	B	335-090	D			2	SPARKING TIP	S			
15	K	5651-080	5	K	5651-080	5			2	IGNITOR MTG BUSH	S			
16														
17	CL	7480-080	7	CK	7479-080	7	C		1	INSTR MTG BRKT (ELECT)				X
18	CL	7353-080	5	CC	7353-080	5	C		2	PRESS GA MTG BRKT (ELECT)				X
19	CL	7484-080	7	CK	7483-080	7	C		1	INSTR MTG BRKT (AIR)				X
20	CL	7540-080	5	CL	7540-080	5	C		2	PRESS GA. MTG BRKT (AIR)				X
21	CN	8475-080	5	CN	8475-080	5			1	ASSEM OF BURNER SH.				
22	CN	8474-080-2	5	CN	8474-080-1	5			2	BURNER SHIELD IN UNLOADER AREA 970 OVEN				X

SCHEDULE DATE

RTG	FORY	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM 2-3-4

NOTES

WORK ENGINEERING

TYPE DIRECT GAS FIRED CIRC TRAY OVEN

SIZE 1132

CONTRACT NO. 88420

STEP TITLE SCHEMATIC BURNER PIPING SIDE OF OVEN

WO. 4657

TOT. SHTS. 3

SHEET NO. 2

STEP NO.

CODE FOR NOTE COLUMN
C FOR CROSS OUT SECTION
N FOR PART NUMBER TO BE STAMPED IN
S FOR SPEC IN PART
T FOR NUMBER TEMPLATE REQUIRED
FOR PREVIOUS & ROUTED
M MARSHALL - ERECTION DRAWING

PREPARED BY SIMPSON SERIES NO. 970 & 980

BY SIMPSON DATE 3/10/69

SIDE LEFT DRAWING NUMBER	PCS PER ASSY	NOTE	OPER NO	SIDE RIGHT PART OR DRAWING NUMBER	PCS PER ASSY	WHSE SEC	MFG SEC	ASSY SEC	NAME OR DESCRIPTION	WT EACH	WT PER PCS	WT PER ASSY	WT PER MFG
9-080-4	8							REF	SCHEMATIC BURNER PIPING				
4-080 [24]	8			6774-080-[ ]	8		17	24	BURNER PARTS ASSY				X
19-080	5		A	5619-080	5		17		BURNER BODY				
32-080-[3]	6		B	6767-080-[ ]	6		17		NIPPLE				
70-080-[1]	8		C	6770-080-[ ]	8		17		COVER PL. ASSY				
766-080	8		D	6766-080	8		17		COVER PL.				
695-080-[5]	5		E	5695-080-[ ]	5		17		OBSERVAT. HOLE COVER				
1-080-[8]	7		F	6771-080-[ ]	7		17		BARREL & STRIP ASSY				
769-080-[9]	6		A	6769-080-[ ]	6		17		BURNER BARREL				
623-080-[4]	7		B	6623-080-[ ]	7		2/02		BURN. CORRUGATED STRIP				
2-080	6		G	6139-080	8		17		DISTRIBUTING MANIFOLD				
500-080-1	8		A	6139-080-1	8		17		MANIFOLD BODY				
139-080-2	8		B	6139-080-2	8		17		3/4 ADJUSTING PLUG				
139-080-3	8		C	6139-080-3	8		17		1/2 ADJUSTING PLUG				
139-080-4	8		D	6139-080-4	8		17		5/8 ADJUSTING PLUG				
20-080	5		J	5620-080	5		17		CLAMPING RING				
18-080	6		K	5618-080	5		17		END				
5-080	5		L	345-080	8		17		VENTURI ASSY				

NOTES

PART OF SINGLE LAB TABLE GAS FIRED TOM OVEN

SIZE 11 8 22

CONTRACT NO. W-8420

SCHEMATIC BURNER PIPING

40-4657

TOT. SHTS 3

SHEET NO. 2

SIZE OF OVEN

C FOR CROSS OUT SECTION
N FOR PART NUMBER TO BE F[illegible]D IN
S FOR SPECIAL PART
X FOR PLANER TEMPLATE REQUIRED
O IN MARGIN - ERECTION DRAWING

DATE 3-10-59

BY SIMPSON

SERIES NO. 970

SIDE LEFT DRAWING NUMBER	QTY	MACH OPER	SIDE RIGHT PART OR DRAWING NUMBER	QTY	NOTE	SHEET METAL GAGE	TOTAL QTY	NAME OR DESCRIPTION	S	CRATE NUMBER	LOOSE PIECE	SHIP PIECE
-080-4	8						REF	SCHEMATIC BURNER PIPING				
4-080-24	8		6774-080-	6			REQ 12	BURNER PARTS ASSY				R
91-080-2	6	U	8391-080-	6			17	INNER TUBE 1/2 DIA.				
146-080	D	B	6146-080	D			17	1/2 END PLUG & SPACER	S			
4-080-8	6	P	6144-080-	6			17	INNER TUBE 5/8 DIA				
145-080	D	B	6145-080	D			17	5/8 END PLUG & SPACER	S			
92-080-4	7	M	8392-080-	7			17	INNER TUBE 5/8 DIA				
147-080	D	B	6147-080	D			17	3/4 END PLUG & SPACER	S			
-080-4	7						12	ASSEMBLY OF SHIELDS				
5-080	5						144	SHIELDS				
								ASSEMBLE SHIELDS TO 12 BURNERS ONLY BEFORE SHIPPING				

DULE DATE

SHEET METAL	PURCH MATL.	MACH SHOP	ASSEM 2-7-8

NOTES

11'4" & 12'4" Burners Only (WORK LAY-OUT)

TYPE SINGLE LAP DIRECT GAS FIRED TRAY OVEN

SIZE 18 32

CONTRACT NO. 88420

STEP TITLE SCHEMATIC BURNER PIPING SIDE OF OVEN

W.O. 4657 CL 3/

TOT. SHTS. 13

SHEET NO. 9

STEP NO. 2

	OPER. SIDE LEFT			OPER. SIDE RIGHT					NAME OR DESCRIPTION			
	PART OR DRAWING NUMBER			PART OR DRAWING NUMBER								
	7009 080-4	8					REF		SCHEMATIC BURNER			
	6774-080 [32]	8		6774-080 [1]	8		A	14	[24] BURNER PARTS ASSY			X
A	5619-080	5	A	5619-080	5		1	14	BURNER BODY			
B	6767-080 [3]	6	B	6767-080 [ ]	6		1	14	NIPPLE			
C	6770-080 [2]	8	C	6770-080 [ ]	8		1	14	COVER PL ASSY			
A	6766-080	8	A	6766-080	8		1	14	COVER PL			
B	5645-080 [ ]	5	B	5645-080 [ ]	5		1	14	OBSERVAT HOLE COVER			
D	6771-080 [5]	7	D	6771-080 [ ]	7		1	14	BARREL & STRIP ASSY			
A	6769-080 [8]	6	A	6769-080 [ ]	6		1	14	BURNER BARREL			
D	6223-080 [4]	7	B	6223-080 [ ]	7		684		BURN CORRUGATED STRIP			
F	6139-080	8	F	6139-080	8		1	14	DISTRIBUTING MANIFOLD			
A	6139-080-1	8	A	6139-080-1	8		1	14	MANIFOLD BODY			
B	6139-080-2	6	B	6139-080-2	8		1	14	3/4 ADJUSTING PLUG			
C	6139-080-3	8	C	6139-080-3	8		1	14	1/2 ADJUSTING PLUG			
D	6139-080-4	8	D	6139-080-4	8		1	14	5/8 ADJUSTING PLUG			
J	5620-080	5	J	5620-080	5		1	14	CLAMPING RING			
K	5618-080	5	K	5618-080	5		1	14	CAP			
L	345-080	5	L	345-080	5		1	14	CENTER PART			

DRAWN BY SIMPSON DATE 3/10/69

TRACED BY DATE

CHECKED BY DATE

APPROVED BY DATE

SCALE

TYPE SINGLE LAP DIGEST GAS FIRED TRAY OVEN

SIZE 18-32 CONTRACT NO. 18420

TITLE SCHEMATIC BURNER PIPING SIDE OF OVEN

40-4657 LOT 3 SHEET NO. 2

REVISIONS

1 TO LEAD OUT SECTION
2 FOR PART NUMBER TO BE PLACED IN
3 FOR SPECIAL PART
4 FOR NUMBER TEMPLATE REQUIRED
5 FOR PREVIOUS CENTER
6 IN MARGIN - ERECTION DRAWING

WYER PERKINS INC.

C FOR CROSS OUT SECTION
N FOR PART NUMBER TO BE F ED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
D IN MARGIN = ERECTION DRAWING

DATE 3-10 69

BY SIMPSON

SERIES NO. 970

NS. INC.

R SIDE LEFT OR DRAWING NUMBER	SEC.	DIGIT	OPER	SIDE RIGHT PART OR DRAWING NUMBER	SEC.	SIDE	UNIT QTY	TOTAL QTY	NAME OR DESCRIPTION	S	CRATE NUMBER	LOOSE PIECE	SHIP PIECE
9-080-4		8						REF	SCHEMATIC BURNER PIPING				
74-080- 32		8		8774-080-	8			REF	12'4" BURNER PARTS ASSY				R
391-080- 2		6	N	8391-080-	6			14	INNER TUBE 1/2 DIA.				
6146-080		D	B	6146-080	D			14	1/2 END PLUG & SPACER				
144-080- 8		6	P	6144-080-	6			14	INNER TUBE 5/8 DIA.				
6145-080		D	B	6145-080	D			14	5/8 END PLUG & SPACER				
392-080- 4		7	M	8392-080-	7			14	INNER TUBE 5/8 DIA.				
6147-080		D	B	6147-080	D			14	3/4 END PLUG & SPACER				

SCHEDULE DATE

SHEET METAL	PURCH MATL.	MACH SHOP	ASSEM 2-2-69

NOTES 11'4" & 12'4" BURNERS ONLY

VORT ENGINEERING

TYPE SINGLE LAP DIRECT GAS FIRED TRAY OVEN | SIZE 118-32 | CONTRACT NO. M 88420

STEP TITLE SCHEMATIC BURNER PIPING SIDE OF OVEN | WO. 4657 CL 31 | TOT. SHTS 13 | SHEET NO. 11 | STEP NO. 2

REV. 3-15-67

N FOR PART NUMBER TO BE FILLED IN
S FOR SPECIAL PART
T FOR NUMBER TEMPLATE REQUIRED
O IN MARGIN = ERECTION DRAWING

DATE 3-10-89

BAKER PERKINS INC.

BY SIMPSON

SERIES No. 970

NO.	DEC	OPER SIDE LEFT PART OR DRAWING NUMBER	SIZE	DEC	OPER SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY	PER QTY	NAME OR DESCRIPTION	S	CRATE NUMBER	LOOSE PIECE	SHIP PIECE
1		7009-080-A	B						REF	SCHEMATIC BURNER PIPING				
2	H	6774-080- 32	B		6774-080-	B			REQ	124 BURNER PARTS ASSY				R
3	N	8391-080- 2	B	N	8391-080	B			14	INNER TUBE 1/2 DIA.				
4	B	6146-080	D	B	6146-080	D		1	14	1/2 END PLUG & SPACER				
5	P	6144-080- 8	B	P	6144-080-	B		1	14	INNER TUBE 5/8 DIA				
6	B	6145-080	D	B	6145-080	D		1	14	5/8 END PLUG & SPACER				
7	M	8392-080- 4	B	M	8392-080-	B		1	14	INNER TUBE 5/8 DIA.				
8	B	6147-080	D	B	6147-080	D		1	14	3/4 END PLUG & SPACER.				
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														

SCHEDULE DATE

TEL	TEMP	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM 2-7-A

NOTES

11-4 & 12-4 BURNERS ONLY

WORK INSTRUCTIONS

FOR SINGLE LAP DIRECT GAS FIRED TRAY OVEN

SIZE 118-32

CONTRACT No. 1H 88420

STEP TITLE SCHEMATIC BURNER PIPING SIDE OF OVEN

NO. 4651 CL 31

TOT. SNTS 13

SHEET No. 11

STEP NO. 2

REV. 3-15-87

FORM MJ-8
REV 6-21-62

C - FOR CROSS CUT SECTI
N - FOR PART NUMBER TO BE FILLED IN
S - FOR SPECIAL PART
X - FOR NUMBER TEMPLATE REQUIRED
P - FOR PREVIOUSLY ROUTED
O - IN MARGIN - ERECTION DRAWING

BY SIMPSON DATE 3/10/69

BAKER PERKING INC.

LINE	DRG. ITEM	OPER SIDE LEFT PART OR DRAWING NUMBER	MTL WT	MTL SPEC	PIECE MARK	OPER SIDE RIGHT PART OR DRAWING NUMBER	MTL SPEC	NOTE	UNIT QTY	TOTAL QTY	NAME OR DESCRIPTION	SHIP	CRATE NUMBER	LOOSE PIECE	SHIP
1		7009-080-4	8						REF		SCHEMATIC BURNER PIPING				
2	J	7026-080-16	DE			7026-080-	DE		1	2	12"4" BURN PARTS ASSY	S			
3	A	5619-080	D	Pa	A	5619-080	D	Pa	1	2	BURNER BODY	S			
4	B	6767-080-3	LD		B	6767-080-	LD		1	2	NIPPLE	S			
5	C	6784-080-2	DE		C	6784-080-	DE		1	2	RECT COVER PL ASSY	S			
6	A	6779-080	I		A	6779-080	I		1	2	SPL COVER PL	S			
7	B	5652-080	D	Pa	B	5652-080	D	Pa	1	2	SPL OBSERVAT HOLE COVER	S			
8	F	5654-080	D	Pa	F	5654-080	D	Pa	1		SPL GASKET	S			
9	D	6771-080-8	I		D	6771-080-	I		1	2	BARREL & STRIP ASSY	S			
10	A	6769-080-8	LD		A	6769-080-	LD		1	2	BURNER BARREL	S			
11	B	6223-080-4	I	Pa	B	6223-080-	I	Pa	6	12	BURN CORRUGATED STRIP	S			
12	F	6139-080	DE	Pa	F	6139-080	DE	Pa	1	2	DISTRIBUTING MANIFOLD	S			
13	A	6139-080-1	DE	Pa	A	6139-080-1	DE	Pa	1	2	MANIFOLD BODY	S			
14	B	6139-080-2	DE	Pa	B	6139-080-2	DE	Pa	1	2	3/4" ADJUSTING PLUG	S			
15	C	6139-080-3	DE	Pa	C	6139-080-3	DE	Pa	1	2	1/2 ADJUSTING PLUG	S			
16	D	6139-080-4	DE	Pa	D	6139-080-4	DE	Pa	1	2	3/8 ADJUSTING PLUG	S			
17	J	5620-080	D	Pa	J	5620-080	D	Pa	1	2	CLAMPING RING	S			
18	K	5618-080	D	Pa	K	5618-080	D	Pa	1	2	CAP	S			
19	L	347-090	D		L	347-090	D		1	2	IGN MTG BRKT	S			
20															
21															
22															

SCHEDULE DATE

ENG	QUOTE	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM FINISH

NOTES 12/4 - 2S TRI-ZONE BURNER THRU WORK DRAWING (OPER LEFT INLET LT FL RT OPER RT INLET RT FL LT)

TYPE SINGLE LAP DIRECT GAS FIRED TRAY GUN SIZE 118-32

CONTRACT NO. M-8820

STEP NO. 2

SCHEMATIC BURNER PIPING SIDE ELEVATION

IND. 4657 | SHTS 13 | SHEET NO. 12

STEP SHEET

C FOR CROSS OUT SECTION
N FOR PART NUMBER TO BE ED IN
S FOR SPECIAL PART
X FOR NUMBER ITEMS REQUIRED
O IN MARGIN = ERECTION DRAWING

DATE 3-10-69

BY SIMPSON

SERIES NO. 975

BAKER PERKINS INC.

SELECT 2 OR 3	OPER. SIDE LEFT PART OR DRAWING NUMBER	QTY	LOC	OPER. SIDE RIGHT PART OR DRAWING NUMBER	QTY	LOC	SEL 2 OR 3	REF. OR SEC.	NAME OR DESCRIPTION	SELECT 2 OR 3	SELECT 2 OR 3	SELECT 2 OR 3	SELECT 2 OR 3
1	7009-080-4	8						REF	SCHEMATIC BURNER PIPING				
2 J	7024-080-16	8		7026-080-	8			REF 124	BURNER PARTS ASSY				R
3	8391-080-2	6		8391-080-	6			2	INNER TUBE ½" DIA				
4 B	6146-080	D	B	6146-080	D			2	½ END PLUG & SPACER				
5	6144-080-8	6		6144-080-	6			2	INNER TUBE 5/8 DIA				
6 D	6145-080	D	B	6145-080	D			2	5/8 END PLUG & SPACER				
7	8392-080-4	7		8392-080-	7			2	INNER TUBE 5/8 DIA				
8 B	6147-080	D	B	6147-080	D			2	3/4 END PLUG & SPACER				
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

SCHEDULE DATE

ITEM	PART	SHEET METAL	CASTING MAT'L	MACH. PART	ASSEM 2-3-4

NOTES 124 FOR TOP ZONE BURNER THREADLESS PLUGS REQ'D. SINGLE PL. C11-4" & 12-4" BURNERS ONLY

WORK ENGINEERING

TYPE SINGLE LAP DIRECT GAS FIRED TRAY OVEN

SIZE 18-32

CONTRACT NO. OR JOB NO. 88420

STEP TITLE SCHEMATIC BURNER PIPING SIDE OF OVEN

WD. 4657 PL. 31

TOT. SHTS. 13

SHEET NO. 13

STEP NO. 2

REV. 3-15-67

STEP SHEET

CODE FOR NOTE COLUMN
C FOR CROSS OUT SECTION
N FOR PART NUMBER TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
O IN MARGIN - ERECTION DRAWING

PREPARED BY SIMPSON
DATE 3.10.69
BY SIMPSON

BAKER PERKINS INC.

SERIES NO. 970

LINE	DRG. ITEM	OPER SIDE LEFT PART OR DRAWING NUMBER	SIZE	DRG. ITEM	OPER SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION	S	CRATE NUMBER	LOOSE PIECE	SHIP PIECE
1	M	6280-080-[8]	DE		6261-080-[ ]	DE			1	ROOF PIPING ASSY				
2	A	P36-908	LD	A	P36-908	LD			1	BLOWER BASE				X
3	C	P19-882	3	C	P19-882	3			1	GASKET 10" O.D.				X
4	D	5709-080	D	D	5709-080	D			1	PIPE CONN				X
5	G	4841-080	7	G	4841-080	7			1	TEE ADAPTOR				X
6	J	4972-080-19	LD	J	4972-080-19	LD			1	AIR LINE 5" O.D.				X
7	K	5075-080-15	LD	K	5075-080-15	LD			1	AIR LINE 5" O.D.				X
8	L	5805-080-1	LD	L	5805-080-1	LD			3	PIPE SUPPORT				X
9														
10	M	5696-080-[3]	LD	M	5696-080-[ ]	LD			4	AIR PARTS ASSY (ELEC)				X
11														
12	M	5826-080	LD	M	5826-080	LD			4	AIR PARTS ASSY (AIR)				X
13														
14	N	5712-080	LD	N	5712-080	LD			4	AIR PARTS ASSY SUPPORT				X
15	V	8587-080-1	LD	V	5804-080-1	LD			3	PIPE SUPPORT (GAS)				X
16	W	5711-080	LD	W	5711-080	LD			1	PIPE SUPPORT				X
17	X	5803-080	LD	X	5803-080	LD			4	GAS PARTS ASSY				X
18	Y	4833-080	D	Y	4833-080	D			2	RESTRICTION UNIT				X
19	AG	5718-080	7	AG	5718-080	7			1	PL. FOR MTG PRESS SW.				X
20	E	8193-650-79	7	E	8193-650-79	7			1	ENGRAVED STRIP				
21	F	8193-650-80	7	F	8193-650-80	7			1	ENGRAVED STRIP				
22	G	8193-650-81	7	G	8193-650-81	7			1	ENGRAVED STRIP				

SCHEDULE DATE

RTG	FDRY	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM 2-3-4

NOTES (WORK DRAWINGS)

TYPE DIRECT GAS FIRED TRAY OVEN

SIZE LB 32

CONTRACT NO. H-88420

STEP TITLE ROOF PIPING ASSY

WO. 4657 DL 31

TOT. SHTS 2

SHEET NO. 1

STEP NO. 3

STEP SHEET

CODE FOR NOTE COLUMN
C FOR CROSS OUT SECTIO
N FOR PART NUMBER TO BE FILLED IN
S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
O IN MARGIN - ERECTION DRAWING

PREPARED BY SIMPSON
DATE 3-10-69
BY SIMPSON

BAKER PERKINS INC.

SERIES NO. 970

LINE	ORIG. ITEM	OPER SIDE LEFT PART OR DRAWING NUMBER	TYPE	ORIG. ITEM	OPER SIDE RIGHT PART OR DRAWING NUMBER	TYPE	NOTE	LINE NUMBER	TOTAL QTY.	NAME OR DESCRIPTION	S	CRATE NUMBER	LOOSE PIECE	SHIP PIECE
1		6280-080-8			6261-080				REF	ROOF PIPING ASSY				
2	AG	5718-080	7	AG	5718-080	7			REF	PL. FOR MTG PRESS SW.				R
3	H	8193-650-82	7	H	8193-650-82	7			1	ENGRAVED STRIP				
4	J	8193-650-83	7	J	8193-650-83	7			1	ENGRAVED STRIP				
5														
6	AH	5831-080	7	AH	5831-080	7	C		1	MAKON VALVE ASSY				X
7	E	5841-080-2	D	E	5841-080-2	D	C		1	GAS SUPPLY LINE				
8	J	5841-080-15	D	J	5841-080-15	D	C		1	GAS SUPPLY LINE				
9														
10	AH	5840-080	7	AH	5840-080	7	C		1	MAKON VALVE ASSY (DUAL)				X
11	E	5841-080-2	D	E	5841-080-2	D	C		1	GAS SUPPLY LINE				
12	J	5839-080	D	J	5839-080	D	C		1	PIPE FOR MTG ASCO VALVE				
13														
14	M	5841-080-15	D	M	5841-080-15	D	C		1	GAS SUPPLY LINE				
15														
16		6280-080-17	PE		6261-080-17	PE			1	ROOF PIPING ASSY				X
17	R	5713-080-40	LD	R	5713-080-40	LD			1	GAS SUPPLY LINE				
18	S	5852-080-5	LD	S	5852-080-5	LD			1	GAS SUPPLY LINE				
19	U	5841-080-1	D	U	5841-080-1	D			1	GAS SUPPLY LINE				
20		8476-080-1	G		8476-080-1	G	C		4	SUPT. FOR ELEC SA DUCT (STD)				X
21		8476-080-2	G		8476-080-2	G	C		4	SUPT. FOR ELEC SA DUCT (FLAT ROOF SHEETS)				X
22														

SCHEDULE DATE

RTG.	FDRY.	SHEET METAL	PURCH. MATL.	MACH. SHOP	ASSEM. 2-3-4

NOTES

WORK ENGINEERING

TYPE DIRECT GAS FIRED TRAY OVEN

SIZE 11-8-32

CONTRACT NO. IM-88420

STEP TITLE ROOF PIPING ASSY

LOD. 4657
CL 3/

TOT. SHTS 2

SHEET NO. 2

STEP NO. 3

STEP SHEET

C. FOR CROSS OUT SECTIC
N. FOR PART NUMBER TO BE FILLED IN
S. FOR SPECIAL PART
X. FOR NUMBER TEMPLATE REQUIRED
O. IN MARGIN - ERECTION DRAWING

DATE 3-10-69

BY SIMPSON

SERIES NO. 970

BAKER PERKINS, INC.

LINE	ORIG. ITEM	OPER SIDE LEFT PART OR DRAWING NUMBER	REF. DESIGN	OPER SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY	TOTAL QTY	NAME OR DESCRIPTION	SO	CRATE NUMBER	LOOSE PIECE	SHIP PIECE
1		6279-080-3	DE	6260-080-3	DE	C		1	SCHEMATIC IGNITION				
2									LAYOUT				
3	L	5695-080	D L	5695-080	D	C		6	TOP SURFACE DUCT				X
4									MTG BRKT				
5	D	5786-080	DU	5705-080	LD	C		1	TOP TRANSF MTG				X
6									BRKT 45°				
7													
8													
9		6279-080-1	DE	6260-080-1	DE	C		1	SCHEMATIC IGNITION				
10													
11	L	5695-080	D L	5695-080	D	C		6	- LAYOUT				
12									SURFACE DUCT MTG				X
13									BRKT				
14													
15													
16													
17													
18													
19													
20													
21													
22													

SCHEDULE DATE

RTG	FDRY	SHEET METAL	PURCH MATL.	MACH SHOP	ASSEM 2-3-4

NOTES CROSS OUT FOR AIR OR ELECT. CONTROL ON ITEM 1. OU AIR CONTROL

WORK INSTRUCTIONS

TYPE DIRECT GAS FIRED TRAY OVEN

SIZE 118-32

CONTRACT NO. M- 88420

STEP TITLE IGNITION

WO. 4657

TOT. SHTS 1

SHEET NO. 1

STEP NO. 4

C FOR CHANGE SECTION
N FOR PART NUMBER TO BE FILLED IN

S FOR SPECIAL PART
X FOR NUMBER TEMPLATE REQUIRED
P FOR PREVIOUSLY ROUTED
R IN MARGIN - SECTION DRAWING

SIMPSON — SERIES NO. 970

SIMPSON 3-10-69

		SIDE LEFT PART OR DRAWING NUMBER	NO. REQ'D	MAT'L	SPEC	SIDE RIGHT PART OR DRAWING NUMBER	NO. REQ'D	MAT'L	SPEC	CHG	NAME OR DESCRIPTION	P/S	NO. REQ'D	MAT'L	SPEC
1						P-60-153-E	1	P			1 BLOWER ASSEMBLY				
2		P-60-122-C	4	P	H	P-60-122-C	4	P			1 BLOWER HOUSING				
3		P-60-138-S	2	P		P-60-138-S	2	P			1 BLOWER HOUSING FLANGE				
4		P-63-053-H	4	P	B	P-63-053-H	4	P			1 BLOWER WHEEL				
5		P-64-173	2	P		P-64-173	2	P			1 BLOWER WHEEL HUB				
6		P-64-169	3	P		P-64-169	3	P			1 BLOWER WHEEL HUB PLATE				
7	C	P-1476-080	1		C	P-1476-080	7				1 BLOWER BASE ASSY				
8	C	P-60-179-T	2	P	C	P-60-179-T	2	P			1 BLOWER SIDE PL (MOTOR SIDE)				
9	C	P-60-178-P	2	P	C	P-60-178-P	2	P			1 BLOWER SIDE PL (INLET SIDE)				
10	C	P-60-180-F	4	P	C	P-60-180-F	4	P			1 BLOWER FILTER HOUSING				
11		P-60-188	3	P		P-60-188	3	P			4 PRESSURE CLIP				
12	C	P-60-181-A	3	P	C	P-60-181-A	3	P			1 SEAL PL. MOTOR SIDE				
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															

FOR MOTOR SEE STEP # 47 THIS W.O.

SCHEDULE DATE

M.S.	LATHE	SHEET METAL	PUNCH MATL.	MACH. SHOP	ASSEM & TEST

NOTES B-30-28-7 18" T FRAME AND BASE

WORK ORDER

SIZE 178 32
MOD. ENGINEER 88420

STEP NO.

THIS ORDER SHIP QTY. - - - - -
OTHER SHIP QTY. - - - - -

FORM 44
REV 8-67

BAKER PERKINS INC.

USE FOR NOTE COLUMN
C FOR CROSS OUT SECT.
N FOR PART NUMBER TO BE FILLED IN*
S FOR SPECIAL PART
T FOR NUMBER TEMPLATE REQUIRED
P FOR PREVIOUSLY ROUTED
O IN MARGIN = ERECTION DRAWING

PREPARED BY SIMPSON SERIES

BY SIMPSON DATE 3-10-69

LINE	ORG. ITEM	SIDE LEFT PART OR DRAWING NUMBER	LEN	WID	THK	SIDE RIGHT PART OR DRAWING NUMBER	SIZE	NOTE	UNIT QTY.	TOTAL QTY.	NAME OR DESCRIPTION	BY	CRATE NUMBER	LOOSE PIECE	SHIP
1											BURNER BLOWER				
2											MOTOR USED ON				
3											STEP 47				
4															
5						109X1004				1	5 HP G.E. MOTOR				
6											OPEN DRIP PROOF				
7											TYPE "K" FRAME				
8											No. 213, 3600 RPM.				
9											CONDUIT BOX STD				
10											230/460 - 60 - 3				
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															

SCHEDULE DATE

RTG	FORY	SHEET METAL	PURCH MATL	MACH SHOP	ASSEM 2-3-4

NOTES WORK ENGINEERING

TYPE 230/460 - 60 - 3

SIZE 118 32

CONTRACT NO. M 88420

STEP NO. 47

STEP TITLE Motor For Combustion Air Blower

WO. 4657 CL 31

TOT. SHTS 1

SHEET NO. 1

BAKER PERKINS INC.

ELECTRICAL INSPECTION REPORT

over

TYPE CONTROLS FOR DGESL 970 OVEN INSPECTION DATE 1-28-70

MACHINE NO. 55765 SO _____ RO _____ WO 4658

CONTRACT NO. M-88420

CUSTOMER COLONIAL BAKING CO.

ADDRESS 2220 EAST 4TH ST (CHATTANOOGA, TENNESSEE)

POWER SUPPLY 240-60-3 CONTROLS 120-60-1

LINE DIAGRAM # DRIVE + BURNER 14860-650-8

LINE DIAGRAM # _____

WIRING DIAGRAM # PLANT + COVER 14861-650-8

" " OVEN SYNCH. WIRING 11744-650-7

" " PARTLOW WIRING 7766-650-5

" " LOADER PLUGIN BOX 10891-650-7 10267-650-6-7

" " SAFELOAD WIRING 14766-650-7

" " MAX. TIME DELAY ASSY. 14731-650-7

PANEL ASSEMBLY DRG. # 12152-650-DE STEP#3

COVER ASSEMBLY DRG. # 13502-650-8 STEP#2

SAFELOAD ASSY. 14767-650-2-7 STEP#3

OVEN JUNCTION BOX 10824-650-4-7 STEP#4

MISC. ITEMS PB STATIONS

CHECKED + TESTED IN ELECTRICAL SHOP

ELECTRICAL INSPECTOR W. Johnson

MU-3 (6-18-68)

August 15, 1969

Factory Insurance Association
Western Regional Office
300 West Adams Street
Chicago, Illinois

Attention: Mr. F. Rademacher

Subject: Colonial Baking Co.
2220 East 4th Street
Chattanooga, Tenn.
Direct Gas Fired Tray Oven
Series: 970 Size: 118-32
Machine Number 55765 18 Trays 32" x 12'-4"

Gentlemen:

We have prepared specifications for a direct gas fired oven for installation in the above bakery. It will be used for baking foods.

The oven will be a single lap type, traveling tray oven. It will be direct gas fired, using 33 ribbon type gas burners operating on natural gas at less than 1 PSI. Each burner will have its own inspirator, ignition electrode, and FM type gas cock. There will be four points of control.

The equipment is protected against gas pressure failure, excessive gas pressure, primary air pressure failure, electrical power failure, exhaust fan operation, and excessive temperature. In case of a safety shutdown of the gas equipment, mandatory purging is again required before the burners can be relighted.

The 4-way safety cock system makes it mandatory that all individual burner cocks be closed before the purge timing cycle can be started.

The rear exhauster operation is protected by a Dewey Switch. It must be in operation in order to purge the oven.

During the purge period of 5 minutes, using rear exhauster, 10 complete air changes will occur.

The temperature limiting switch used is a Partlow type MF2 set to cut out at 650 F. This is in addition to the instruments used for automatic temperature control. If the oven is shut down on over-temperature, mandatory purge is required before burners can again be lighted.

Explosion relief area equals 160.8 square feet. Total internal volume of the baking chamfer is 2165 cubic feet. This gives a ratio of relief area to oven volume of 1 to13.

Maxon, Series 808 Safety Shut Off Valve or Valves are used. Provision is made for testing the tightness when closed.

Five copies of the following are enclosed.

Oven Manufacturer's Instructions Number 4061 -		Application for Acceptance Instruction Card
Drawing #	125256-8	Connection Drawing
	14860-650-8	Schematic Wiring Diagram
	7009-080-4-8	Schematic Piping & Burner Layout
	6280-080-8-8	Piping on Top of Oven
	6266-080-8	Header to Burner Connection (Top)
	6267-080-8	" " " " (Bottom)
	1631-200-D	4-Way Cock Checking System
	1659-970-8	Exhaust Damper & Limit Switch
	5840-080-7	Maxon Valve or Valves Assembly

Very truly yours,

BAKER PERKINS INC.

R L Simpson

R.L.Simpson
Oven Engineering Department

encl.

mk