

1711

Michael Fermis

6 RSPH $W/46$: AHF W/m - $toke$

Power unit

5

APRIL
SHIP 27TH

1711 MICHAEL

POWER UNIT

6 Row 40" Air Head
HARVESTOR

36" Rows 34" CHAINS

Prim

Secondary

Deviner

5/8 x 69" x 150 mm

CROSS

7/16 x 40 x 45 mm

Side

7/16 x 40 x 45 mm

Boom

7/16 x 35 x 45 mm

Sort

7/16 x 35 x 45 mm

Stone

7/16 x 14" x 125

4 wheel drive

37° 4 wheel STEER.

MIT 350 HP ENGINE

66.43 x 25 Rear Tires

1400 24 x 12 FT Tires

MS 50 W TANDAM 64

SMALL Stone Box

ELLIS STARTABLE

4 Direct Drive gear Boxes

SPLIT Beds w/ gauges

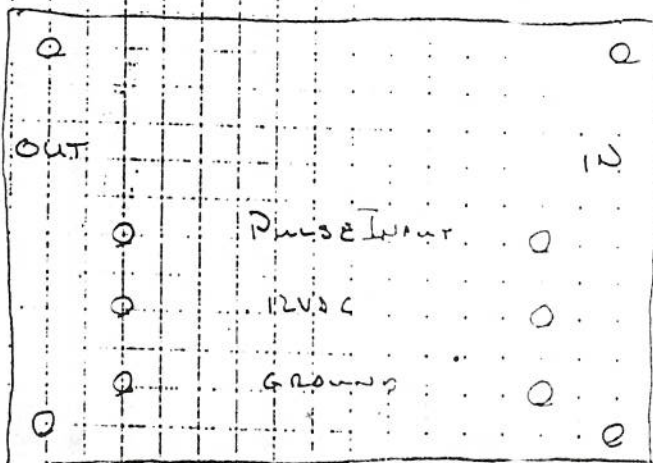
40" VINE BECT.

SPEEDOMETER 4X MULTIPLIER 1995

04 20	# 1	12VDC+ BROWN Fuse #15	
03 70	# 2	GROUND BLUE	
02 60	# 3	IMPULSE DARK GREEN LOT 28(2)	
01 50	# 4		
	# 5	12VDC+ BROWN	} PACMAN HARNESS } REC GREEN } THERM WIRE WHITE }
	# 6	GROUND+ BLUE	
	# 7	IMPULSE BLACK	
	# 8		

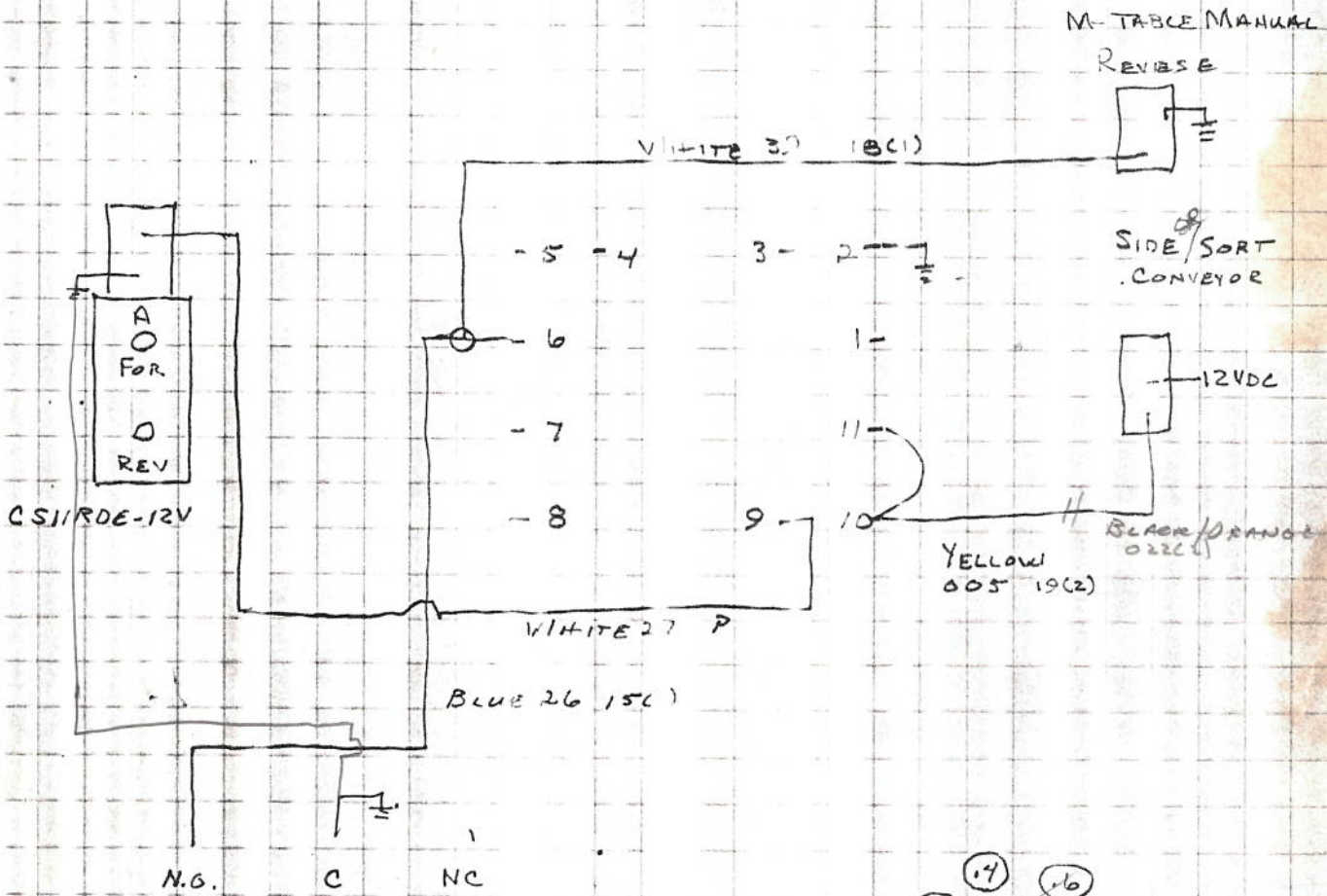
1996

OUT
GREEN 607
RED
GREEN

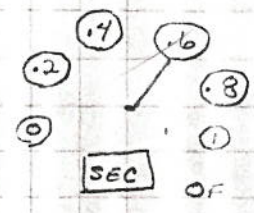


IN
PACMAN
- BLACK (CABLE) WHITE (THERM. WIRE)
BROWN (CABLE) RED (THERM. WIRE)
BLUE (CABLE) GREEN (THERM. WIRE)

1998 M-TABLE REVERSE



SPX-1C-1000R/ADT



SPEED CONTROLS

LEFT RIGHT

0 0 0 0 0 0 0 0
PRIMARYS SEC SIDE VIB

M-TABLE

RAISE MANUREN

0 0 0 0 0 0 0 0
LOWER

Air Head Clean

MANUAL

0 0 0 0 0 0 0 0
AUTO

COMVEYOR CIRCUITS

0 0 0 0 0 0 0 0 0 0 0 0
MASTER PRIM SEC CROSS SIDE SORT TRASH FAN
STONE Box

0 0 0 0

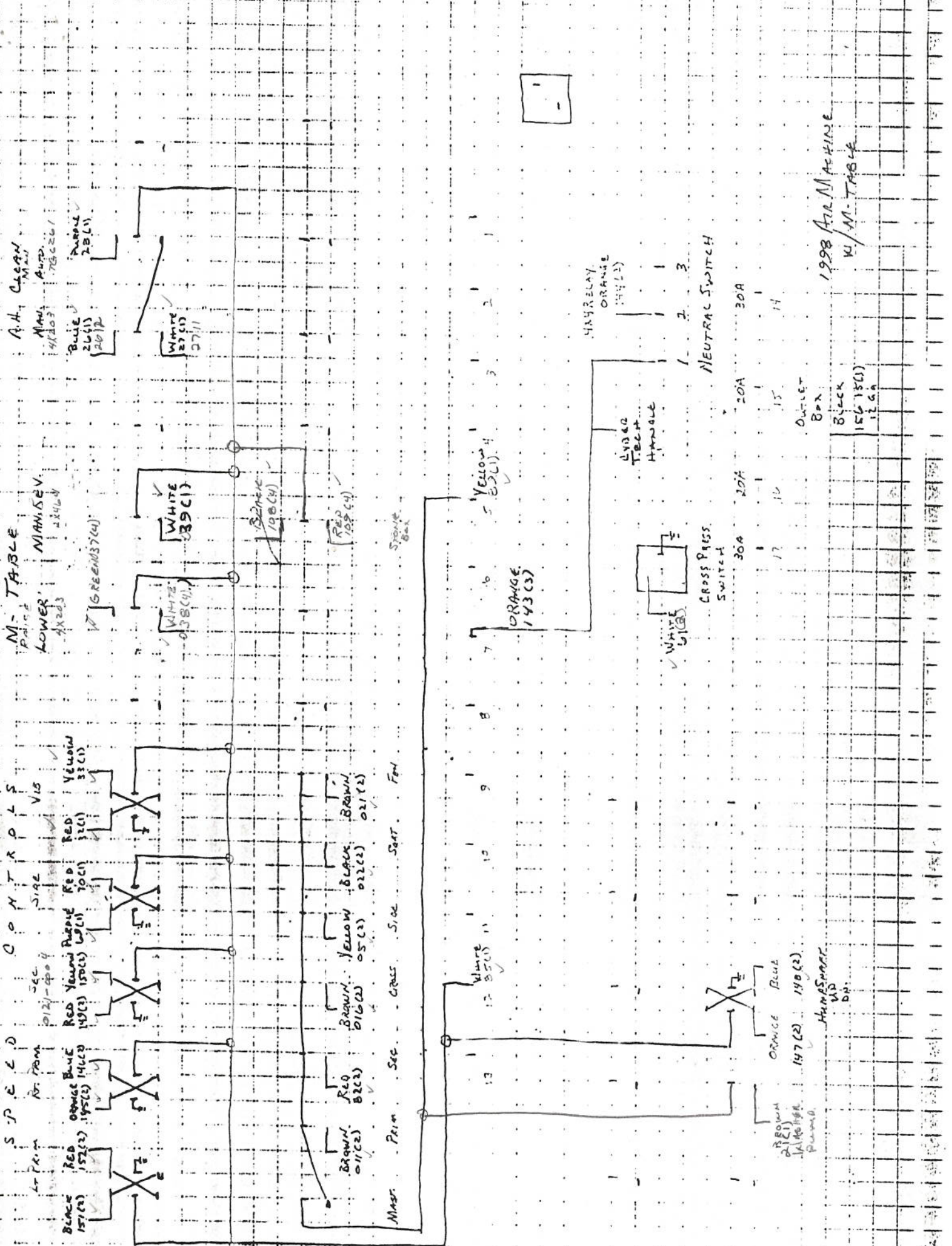
0
WASHER PUMP

0
PHASE

0
LOWEN

0
HAMPSHIRE

1998 Air Machine v1/M-Table



A.H. CREAM
 MAIN
 4/10/03
 BLUE
 20(1)
 20(2)

M-TABLE
 LOWER
 4X203
 GREEN 37(4)
 WHITE
 038(4)
 WHITE
 07(1)

COMTRACTORS
 J12
 V15
 RED
 31(1)
 YELLOW
 31(1)

SPEED
 R. 70M
 0121-0104
 RED
 145(1)
 YELLOW
 150(1)
 PURPLE
 150(1)

MOTOR
 BROWN
 011(2)
 RED
 012(2)
 YELLOW
 012(2)
 BLACK
 012(2)

444 RELAY
 ORANGE
 144(2)

NEUTRAL SWITCH

CROSS PRESS.
 SWITCH

WHITE
 01(1)

30A 20A 20A 30A
 17 15
 OUTER
 BOX

YELLOW
 05(1)
 ORANGE
 143(3)

YELLOW
 05(1)
 ORANGE
 143(3)

BROWN
 011(2)
 YELLOW
 05(1)
 BLACK
 012(2)

BROWN
 011(2)
 YELLOW
 05(1)
 BLACK
 012(2)

BROWN
 011(2)
 YELLOW
 05(1)
 BLACK
 012(2)

BROWN
 011(2)
 YELLOW
 05(1)
 BLACK
 012(2)

1998 AIR MACHINE
 M-TABLE

BLACK
 156(15)
 11.6A

MOTOR
 UP
 DOWN

PIN				
1	153	BROWN	LEFT PRIMARY REVERSE	
2	154	ORANGE	RIGHT PRIMARY REVERSE	
3	059	BLACK	PARK SWITCH TO 14 (5) N.O.	RED COILS TO SMAX SWITCH TO SOL
4	23	RED/ORANGE	HYDRAULIC OIL TEMPERATURE SENSOR (TO YELLOW 752)	GAUGE
5	07	RED/BLACK	TACHOMETER SENSOR (TO DARK GREEN 602)	GAUGE
6	155	GREEN	SECONDARY/REVERSE REVERSE	
7	54	BROWN	RIGHT TURN SIGNAL	
8	53	YELLOW	LEFT TURN SIGNAL	
9	06	BROWN	BACK UP LIGHT SWITCH TO RELAY	
10	036	BLUE	RIGHT WORK LIGHT SWITCH TO RELAY	
11	034	BLACK	LEFT WORK LIGHT SWITCH TO RELAY	
12	01	BLACK	4X4 SWITCH TO RELAY	
13	012	BLACK/RED	2-SPEED SWITCH TO SOLENOID	
14	021	BROWN/ RED	TRASH PAN SWITCH TO SOLENOID	
15	011	BROWN/BLACK	PRIMARY SWITCH TO SOLENOID	
16	05	YELLOW	SIDE CONVEYOR SWITCH TO SOLENOID	
17	016	BROWN/RED	CROSS CONVEYOR SWITCH TO SOLENOID	
18	02	RED	SECONDARY CONVEYOR SWITCH TO SOLENOID	
19	005	YELLOW	SIDE/SORT SWITCH TO M-TABLE TIMER #10	12VDC
20	15	YELLOW/RED	LIGHT TO FAN FILTER #3	
21	03	BLUE	LIGHT TO GROUND DRIVE FILTER #3	
22	020	YELLOW/BLUE	BZL-12 SWITCH TO HYDRAULIC OIL LEVEL SENSOR	
23	61	WHITE	CROSS CONVEYOR PRESSURE SWITCH "N.O." TO BZL 6562	
24	022	BLACK/ORANGE	SORTING CONVEYOR SWITCH TO SOLENOID	
25	143	ORANGE	C.B.#7 TO HYDRO NEUTRAL SWITCH #1	
26	144	ORANGE	HYDRO NEUTRAL SWITCH #2 TO PANEL R.B.	
27	094	PURPLE	ROAD LIGHT SWITCH TO RELAY	
28	607	GREEN	SPEEDOMETER TO 4X MULTIPLIER	
29	149	RED	SECONDARY SPEED ACTUATOR	
30	150	YELLOW	SECONDARY SPEED ACTUATOR	
31	145	ORANGE	PRIMARY ACTUATOR (RIGHT)	
32	146	BLUE	PRIMARY ACTUATOR (RIGHT)	
33	147	ORANGE	HUMP SHAFT ACTUATOR	
34	148	BLUE	HUMP SHAFT ACTUATOR	
35	151	BLACK	LEFT PRIMARY ACTUATOR	
36	425	GREEN	HIGH TEMPERATURE IN PRIMARY CIRCUIT TO BZL-12 (BROWN 123)	
37	152	RED	LEFT PRIMARY ACTUATOR	

Track 14 05.114
BLACK/ORANGE OUTSIDE

PLUG 3 LARGE 16 PIN

PIN #		COLOR	DESCRIPTION	WIRING
1	18	RED	CB 6 TO WIPER	
2	12	RED	CB 6 TO RADIO	
3	705	PURPLE	OIL PRESSURE SENDER TO GAUGE	ORANGE/RED 14
4	20	BLACK	GROUND	
5	503	BROWN	LIGHT SWITCH ROAD POSITION TO RELAY # 5-86	
6	22	RED	CB 8 TO DOME-PANEL LIGHT SWITCH - RADIO MEMORY (STBY HOT SIDE)	
*	7	507	CAB FIELD LIGHT RELAY TO CAB FIELD LIGHTS # 4-30	
8	755	YELLOW	HYDRAULIC OIL TANK TEMPERATURE SENSOR TO WARNING LIGHT	
9	924	ORANGE	OIL PRESSURE SENSOR TO LIGHT	ORANGE/BLUE 19
* 10	526	BROWN	CAB ROAD LIGHT RELAY TO CAB LIGHTS # 5-30	
11	652	BLUE	FUEL TANK SENDER TO GAUGE	WHITE 58
12	653	BLUE	COOLANT TEMPERATURE SENSOR TO LIGHT	ORANGE/BLACK 9
13	617	GREEN	COOLANT TEMPERATURE SENDER TO GAUGE	ORANGE 4
14	504	BROWN	CAB FIELD LIGHT POSITION TO RELAY # 4-86	
* 15	156	BLACK	CB 15 TO AUXILIARY OUTLET BOX 12GA.	
16				

PLUG #4	CYBER #	PIN #				
		1	RED	21	CB7 TO GAUGE PANEL	CAB CONNECTION TO VALVE BANK
		2		BLACK 108	STOP BOX	BLACK/WHITE
		3		RED 109	STOP BOX	BLUE/WHITE
1		4	BLACK	ORANGE 110	OUTER BOOM	BLACK
1		5	RED	BLUE 111	OUTER BOOM	RED
2		6	ORANGE	WHITE 112	BOOM LIFT	ORANGE
2		7	BLUE	BROWN 113	BOOM LIFT	BLUE
3		8	YELLOW	PURPLE 114	BOOM SWING	WHITE
3		9	BROWN	GREEN 115	BOOM SWING	GREEN
5		10	WHITE/BROWN	YELLOW 116	BLADE	RED/WHITE
5		11	WHITE/BLACK	BROWN 117	BLADE	BLUE/WHITE
6		12	WHITE/RED	RED 118	BLADE	ORANGE/BLACK
6		13	WHITE/YELLOW	BLACK 119	BLADE	GREEN/BLACK
4		14	VIOLET	BLACK 29	COULTER	WHITE/BLACK
4		15	GRAY	WHITE 30	COULTER	GREEN/WHITE
		16		ORANGE 56	TO STEERING BOX	
		17		BLUE 55	TO STEERING BOX	
		18		ORANGE 48	SIDE LEVEL	
		19		BLACK 49	SIDE LEVEL	
		20		PURPLE 50	FRONT LEVEL	
		21		BLUE 51	FRONT LEVEL	
		22		GREEN 55	PUSH/PULL	
		23		YELLOW 56	PUSH/PULL	
		24		RED 62	12VDC TO PP6354 ARM REST CONTROL	
		25		GREEN 37	M-TABLE	
		26		WHITE 38	M-TABLE	
		27		RED 40	THROTTLE 12VDC IN CAB	PIN A
		28		BLACK 41	THROTTLE GROUND	PIN B
		29		WHITE 42	THROTTLE SIGNAL	PIN C
		30				
		31				
		32				
		33				
		34				
		35				
		36				
		37				

PLUG #5	COLUMN PLUG			
PIN 1	11	RED	STB7 HOT SIDE TERMINAL	
2				
3	13	RED	STB7 IGNITION TERMINAL	
4	502	BROWN	POWER FROM TURN SIGNAL STAT	502 TO 507
5	104	WHITE	TO RELAY #8-30	
14	059	BLACK	TO CUTTER SWITCH BACK TO 15(5)	
15	0015	RED	TO SMK SWITCH - GR - N.O. ON SMK RED 15 TO S114 SENSORS	
18	522	BROWN	RIGHT TURN SIGNAL	BROWN 51 ON MACHINE 512 TO 522
20	523	YELLOW	LEFT TURN SIGNAL	YELLOW 53 ON MACHINE 513 TO 523

GAUGE PANEL

PIN 1	OIL PRESSURE GAUGE	PURPLE 705 TO ORANGE/RED 14
2	GROUND	BLACK TO CAB GROUND
3	INTERNAL LAMPS	BROWN 526 PRE 1998 - 503-1998
4	IGNITION & BATTERY	RED 21 TO FUSE #7
5	TEMPERATURE GAUGE	GREEN 617 TO ORANGE 4
6	FUEL GAUGE	BLUE 652 TO WHITE 58
7		
8		
* 9	WATER TEMPERATURE LIGHT	BLUE 653 TO ORANGE/BLACK 9
* 10	OIL PRESSURE LIGHT	ORANGE 924 TO ORANGE/BLUE 19

* 9 TO B76562

BLUE 653
SENSOR
LIGHT

- 12VDC RED 41

* 10 TO B76562

ORANGE 924
SENSOR
LIGHT

- 12VDC RED 21

BLACK	1	4X4 TO RELAY	PANEL
	12 RED	2-SPEED TO 1 (2)	13 (2)
	17 BLUE	BRAKE TO BRAKE SOLENOID	9 (U)
	22 ORANGE	SORTING CONVEYOR SOLENOID	24 (2)
RED	2	TO RELAY RA T START SOLENOID	PANEL
	7 BLACK	TACHOMETER TO	5 (2)
	18 BLUE	TACHOMETER SENSOR TO GROUND	PANEL
	23 ORANGE	HYDRAULIC OIL TEMPERATURE SENSOR	4 (2)
BLUE	3	GROUND DRIVE FILTER #3 TO 21 (2)	21 (2)
?	8 BLACK	GROUND DRIVE FILTER #1 TO #4 C.B.	PANEL
	13 RED	STBY IGNITION TIDE TO FUEL SHUTOFF SOL	PANEL
	24 ORANGE	A/C PUMP ORANGE 214 TO H/C CLUTCH	
ORANGE	4	WATER TEMPERATURE SENSOR TO GAUGE	13 (3)
	9 BLACK	WATER TEMPERATURE SENSOR TO LIGHT	12 (3)
	14 RED	OIL PRESSURE SENSOR TO GAUGE	3 (2)
	19 BLUE	OIL PRESSURE SENSOR TO LIGHT	9 (2)
YELLOW	5	SIDE CONVEYOR SOLENOID	16 (2)
	10 BLACK	FAN FILTER TO #4 C.B. TO #1	PANEL
	15 RED	FAN FILTER TO #3	20 (2)
	20 BLUE	HYDRAULIC OIL LEVEL SENSOR TO BUZZER	22 (2)
	25 ORANGE	HYDRAULIC OIL LEVEL SENSOR TO #4 C.B.	PANEL
BROWN	6	BACK UP LIGHTS	PANEL
	11 BLACK	PRIMARY CONVEYOR SOLENOID	15 (2)
	16 RED	CROSS CONVEYOR SOLENOID	17 (2)
	21 BLUE	WASHER PUMP	7 (U)

DTS 0373 OUTSIDE →
FRONT ←

DTS-0150

EMS ← CROSS SORT SEC SIDE
CROSS SEC SIDE SORT

252 BRAKE 4X4
0 0 0

BRAKE PRESSURE SWITCH #1 12VDC
#3 N.D.

DTS-0160

TEMPERATURE SWITCH

OUT GREEN 607 INPUT PULSE BLACK J1.
RED 12VDC BROWN
GREEN GROUND BLUE

1 12VDC
2 NC
3 NO

	30A	30A	20A	30A	20A	30A	20A	30A	20A	30A	20A	30A	20A
	13	12	11	10	9	8	7	6	5	4	3	2	1
A/C	ACTUATORS	BACKSLA	FUEL	PUMP	CAB FLD	CAB LIGHTS	CYLINDERS	RADIO	CONVEYORS	PARK	LEFT WORK	RIGHT WORK	HAZARD
	Light	Light	Light	Light	Light	Switch	4x4	WIPER		WARN	LIGHTS	LIGHTS	TURN
				RED				RED					
				RED									

SPEEDOMETER
 GRADUATE
 BLUE/BLACK B.
 HYD. OIL LEVEL
 YELLOW/DKG 2S
 CROSS PRESS
 BLACK 10
 A. H. PAN
 Yellow/Black 1S

	30A	20A	20A	30A
CAS ROAD	17	16	15	14
LIGHTS				
Relay				
STEERING				
REVERSING				
VALVES				
ARMREST				
CONTROL				
POWER				
RED				
162				
24 (4)				
FRONT SEEN				
MICRO (POWER)				
UNIFORM				
WHITE				
100				

MEM. PANFL
 RED
 RED
 22 (3) | 21 (4)
 AUXILIARY
 OUTLET
 BLACK
 156 15(3)

30A	30A	30A	20A	30A	20A	20A	30A	20A	20A	30A	30A	20A
13	12	11	10	9	8	7	6	5	4	3	2	1
A/C	ALTERNATOR	BACULA	FUEL	CAB	"HOT"	CYLINDERS	RADIO	CONVEYORS	WARN	LEFT	RIGHT	HAZARD
VINE BEET WHITE 85(C)	ROAD LIGHTS BROWN 88(C)	PUMP RED VB1(C)	FUEL LIGHTS RELAY	RELAY	OVER HEAD POWER RED 22(4)	2-SPEED 4X4 GAUGE DARK RED 21(C)	W/BR RED 127(3) RE 18(13)	YELLOW 89(C)	SPACE HEATER 940.DAIVE BLUE/BROWN B A.H. FAN YELLOW/BLACK 15 HYD. OIL LEVEL YELLOW/ORANGE 25 CROSS PRESS. BLACK 10 BLACK 017(C)	WORK ORANGE 90(L)	WORK GREEN 21(C)	TURN YELLOW 92(C) YELLOW 92(C) TURN BROWN 502(C)

HAZARD STAT	TURN STAT											
CBI	CBI											
YELLOW 92(C)	BROWN 502(5)											

BANK UP LIGHTS

85	⊥
86	BROWN 06(2)
87	CB 11
30	BROWN 6

ROAD LIGHTS

85	⊥
86	PURPLE 094(2)
87	CB 11
30	PURPLE 94

CAB FIELD LIGHTS

85	⊥
86	BROWN 504(3)
87	CB 9
30	BROWN(H) 507(3)

CAB ROAD LIGHTS

85	⊥
86	BROWN 503(3)
87	CB 17
30	BROWN(H) 526(3)

4X4 RELAY

85	⊥
86	BLACK 1
87	BLACK 1
30	BLACK 01(2)

START RELAY

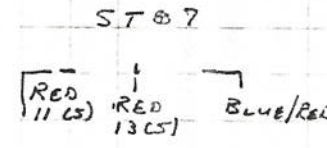
85	⊥
86	ORANGE 144(2)
87	RED 2
30	WHITE 104(5)

RIGHT WORK LIGHTS

85	⊥
86	BLUE 036(2)
87	CB 2
30	BLUE 36

LEFT WORK LIGHTS

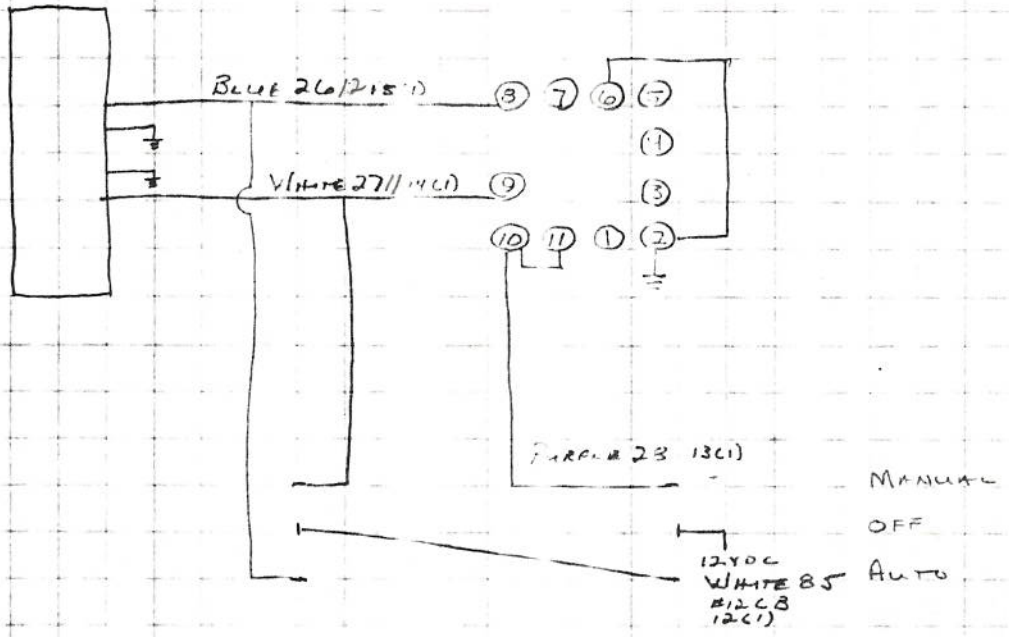
85	⊥
86	BLACK 034(2)
87	CB 3
30	BLACK 34



STB7

⊥ BLACK 20(3)
RED/BLUE

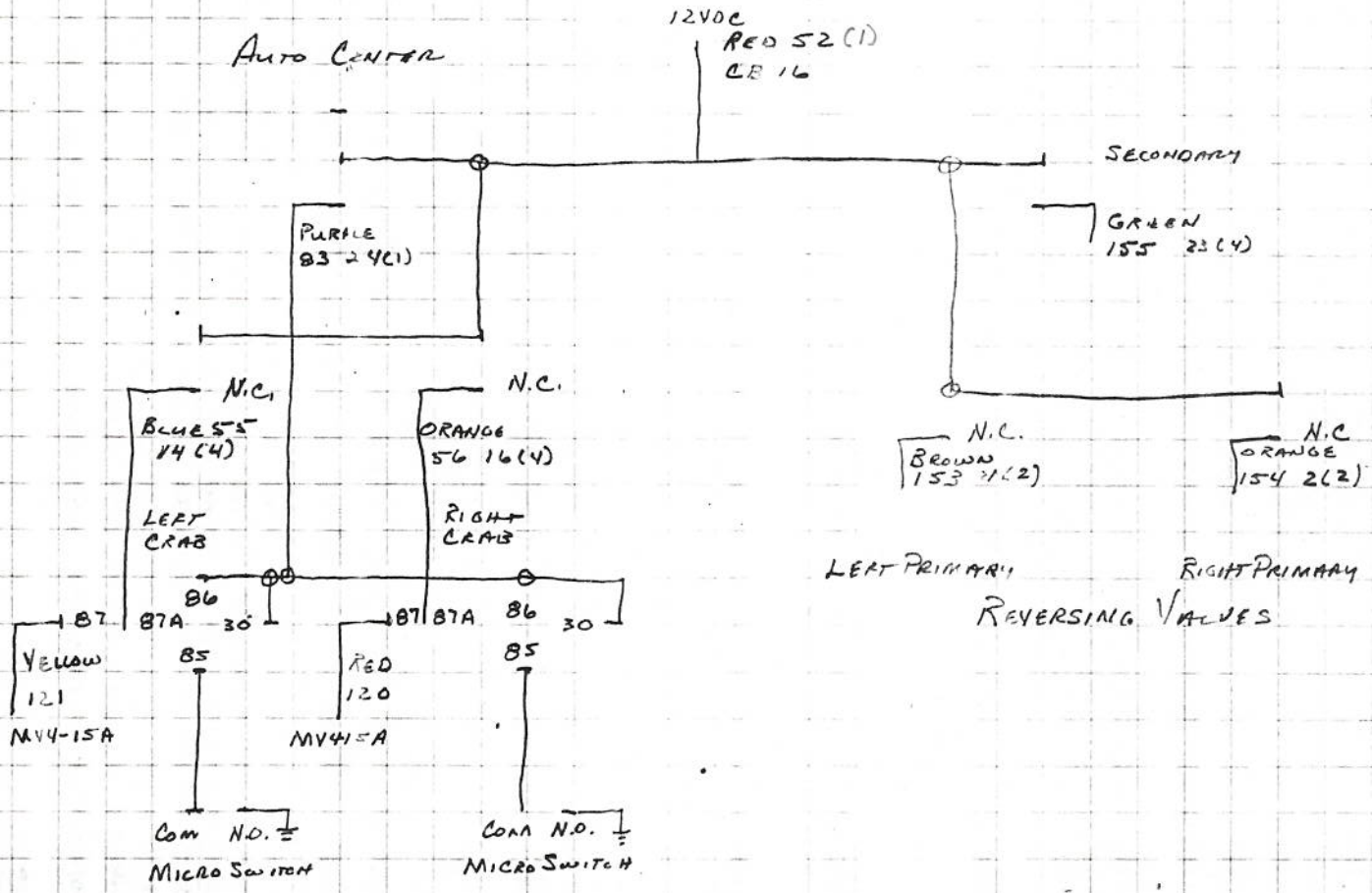
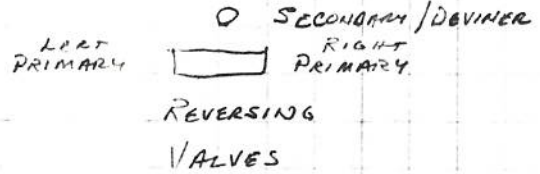
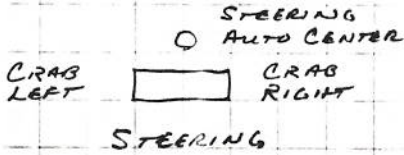
AIR HEAD CLEANER



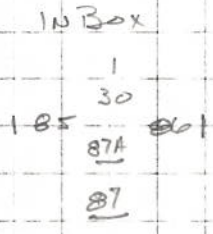
MANUAL



FOOT PEDAL SWITCH

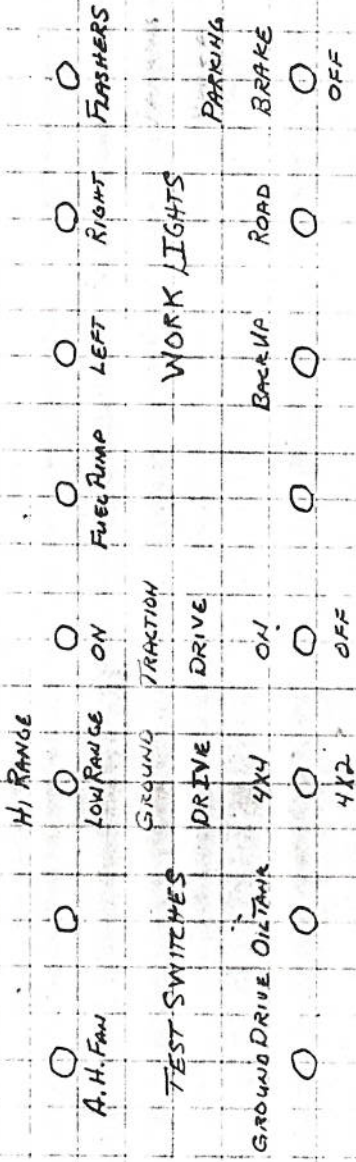


8 FEET

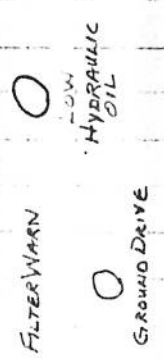


Plug # /

Pin	1	92	YELLOW	CB 1 TO HAZARD STAT TO SWITCH
	2	91	GREEN	CB 2 TO RIGHT WORK LIGHT RELAY & SWITCH
	3	90	ORANGE	CB 3 TO LEFT WORK LIGHT RELAY & SWITCH
	4	017	BLACK	CB 4 TO BRAKE, STEER, WARNING.
	5	081	RED	CB 10 TO FUEL PUMP SWITCH
	6	89	YELLOW	CB 5 TO MASTER SWITCH
	7	21	BROWN/BLUE	WASHER PUMP
	8	0012	BLACK	CB 7 TO 2-SPEED
	9	0017	BLACK	BRAKE SWITCH TO BRAKE SOLENOID (BLACK/BLUE 17)
	10	88	BROWN	CB 11 TO ROAD & BACK UP RELAYS & SWITCH
	11	85	WHITE	CB 12 TO ACTUATOR SWITCHES
	12	81	RED	FUEL PUMP SWITCH TO FUEL PUMP
	13	28	PURPLE	AUTO SWITCH TO #10 ON TIMER
	14	27, 11	WHITE	MANUAL SWITCH TO #9 ON TIMER TO SOLENOID
	15	26, 17	BLUE	MANUAL SWITCH TO #8 ON TIMER TO SOLENOID
	16			
	17			
	18	39	WHITE	M-TABLE REVERSE
	19	33	YELLOW	PRIMARY VIBRATOR ACTUATOR
	20	32	RED	PRIMARY VIBRATOR ACTUATOR
	21	70	RED	SIDE CONVEYOR FLOW CONTROL ACTUATOR
	22	69	PURPLE	SIDE CONVEYOR FLOW CONTROL ACTUATOR
	23	52	RED	CB 16 TO FOOT SWITCHES 12VDC
	24	83	PURPLE	FOOT SWITCHES TO STEERING BOX MICRO'S



A.I. Fan



1998 Overhaul W/STS

Master

Work Lights

FUEL

H/CO

FILTER TEST

14 FEET

RIGHT 22464

LEFT 22464

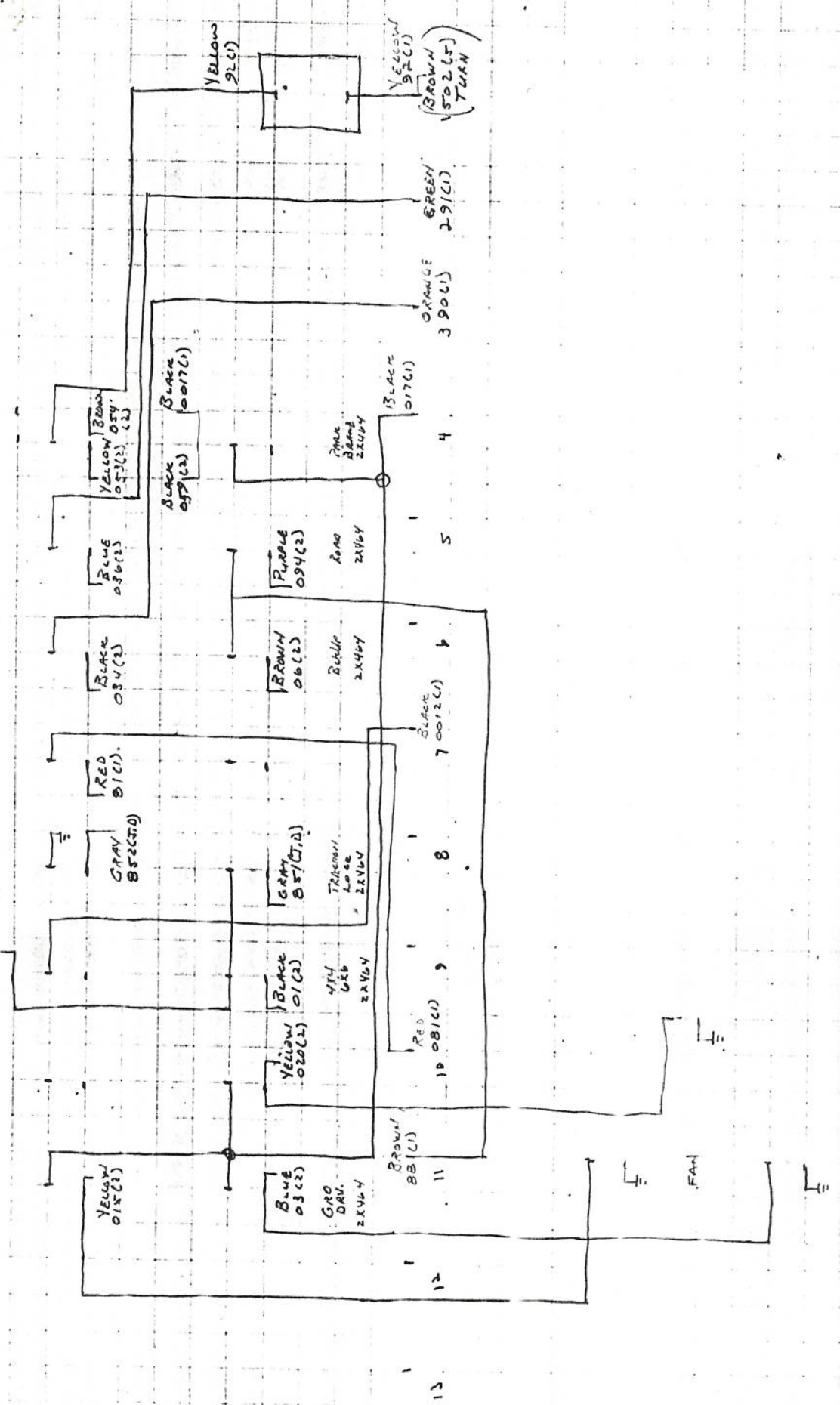
PUM A 22464

BLACK 012 (2)

22464

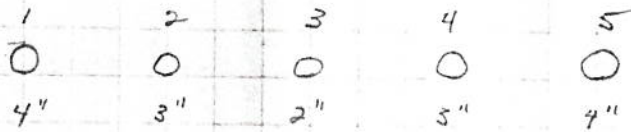
FAN 22464

22464



HYD. OIL TANK LEVEL

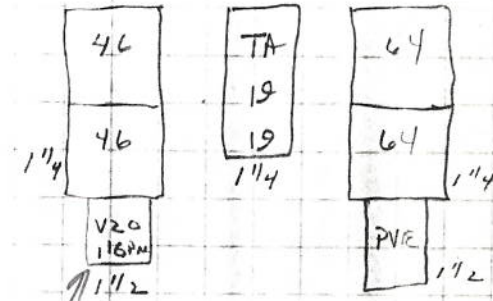
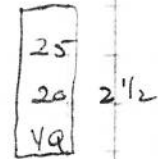
#1711 40" A.H. Power Unit



1/2 T 4L 1/4 T 4L N 20 PVE 2520
 1/4 TA 919 " " 1/2 2 1/2

1	2	3	4
4" X 2" Bush	3" X 2" Bush	TF1220-3	TF2030-3
3" Cis NIP	2" Cis NIP	1/4" Cis NIP	2" Cis NIP
V500P-32	V500P-32	V500P-20	V500P-32
FT200	2" X 1/4" Bush	FT1215	2" X 1/2" Bush
To ZDF2215	1/4" Cis NIP		FT150
	SF120-05-5		
	1/4" Cis NIP		
	V500P-20		
	FT125		

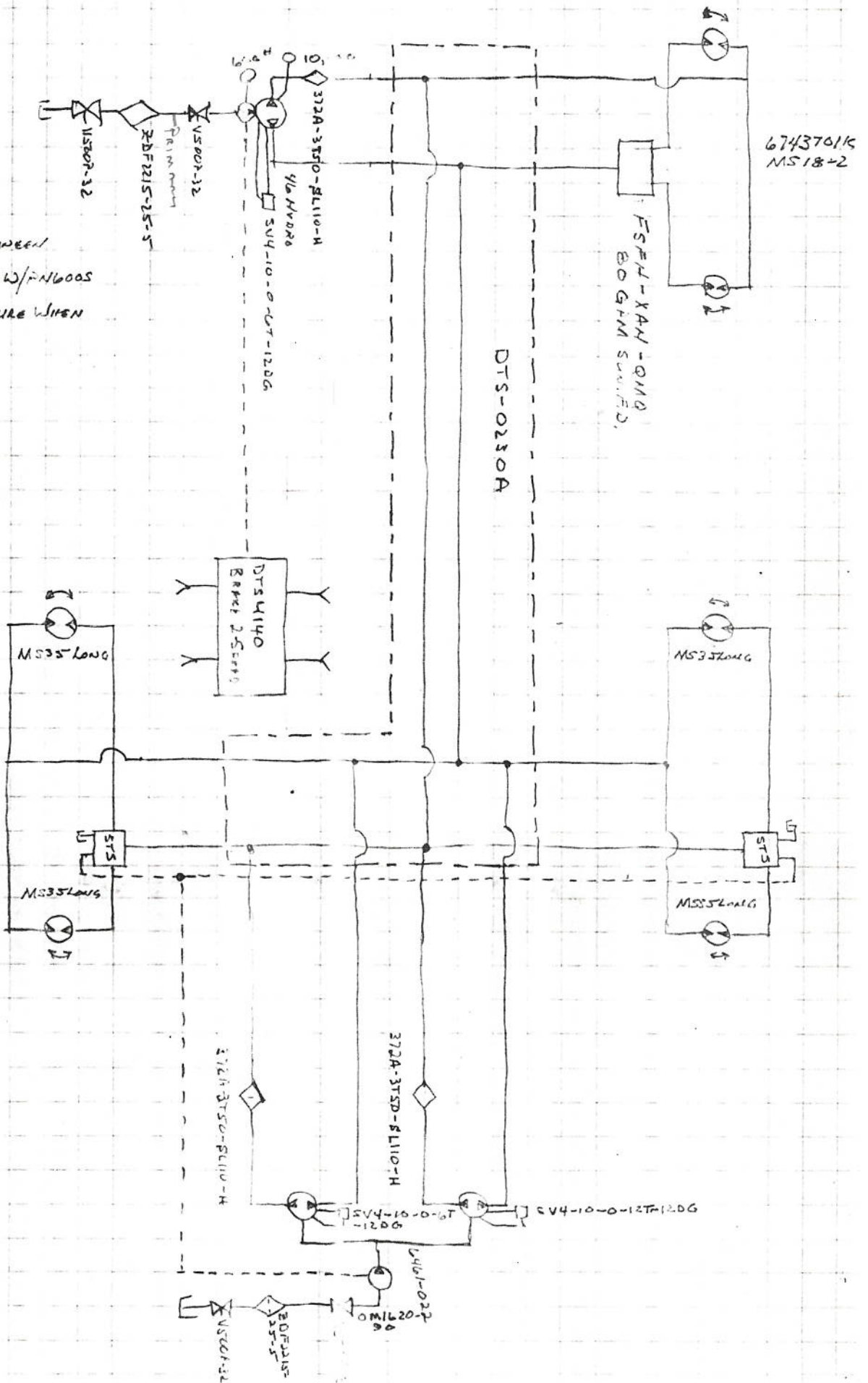
5
 TF2540-3
 2 1/2" Cis NIP
 RVUM 2500-N
 FT250



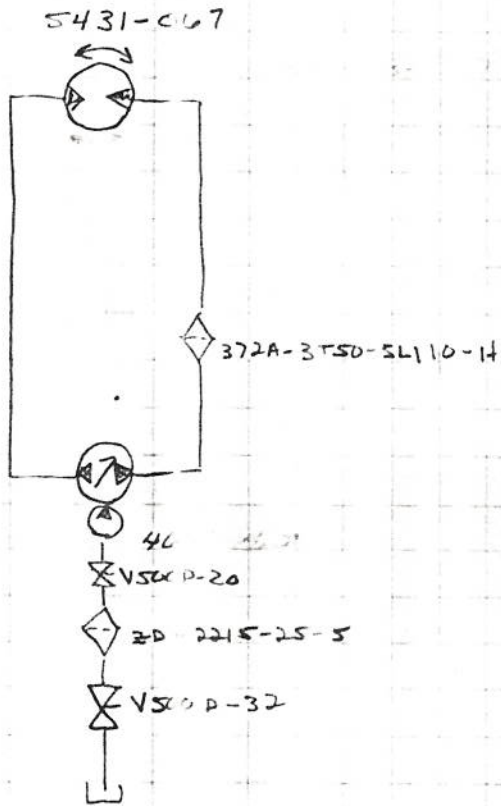
V2020
 856390-8
 8/18/01
 MULTIPLE ORIGINAL CIRCUIT

1998 POWER UNIT GROUND DRIVE

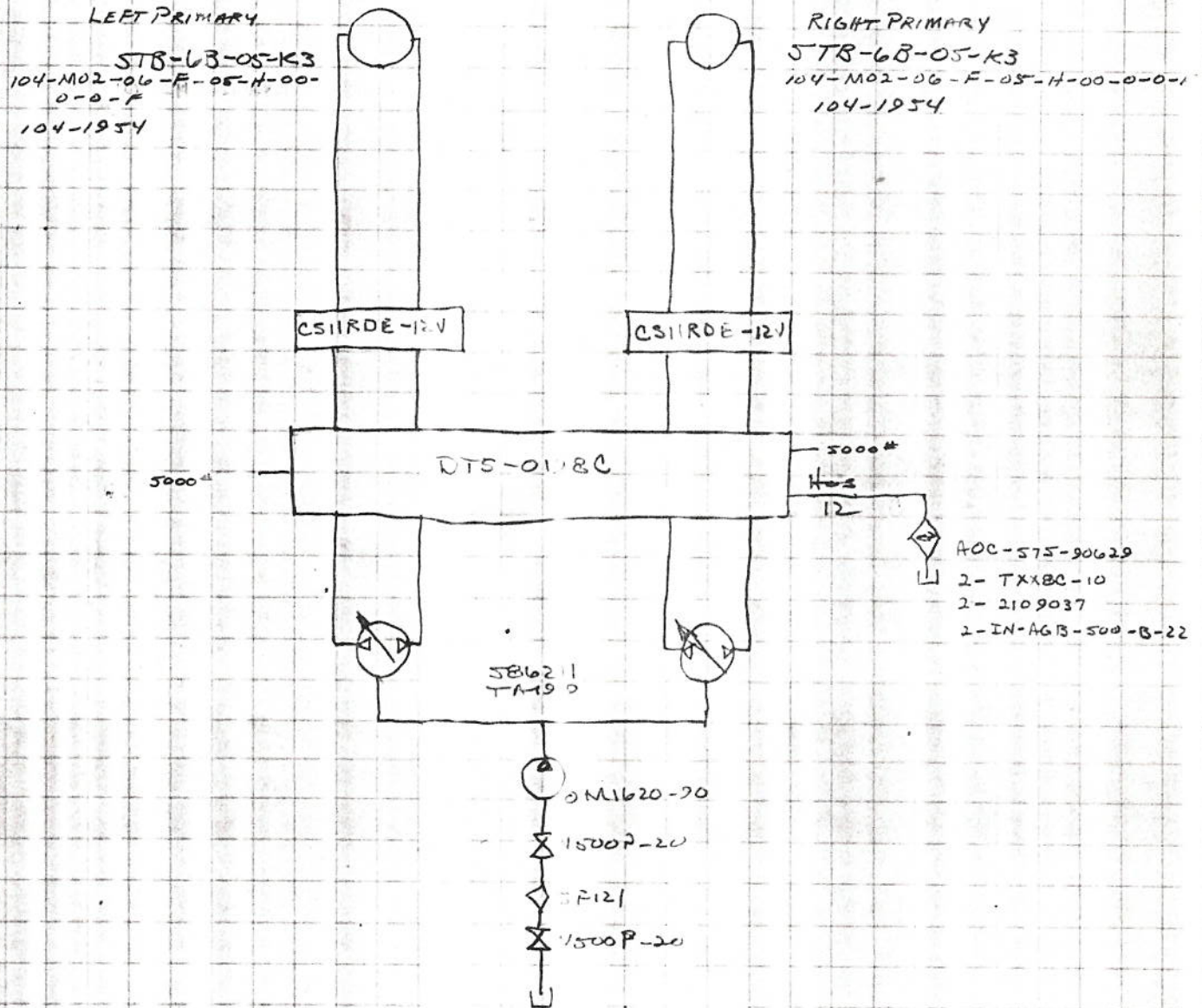
INSTALL SHUNT BETWEEN
TAP 1.64/4L GAUGE W/ FN6005
TO EQUALIZE PRESSURE WHEN
IN 6X6 DRIVE



1998 40" AIR HEAD

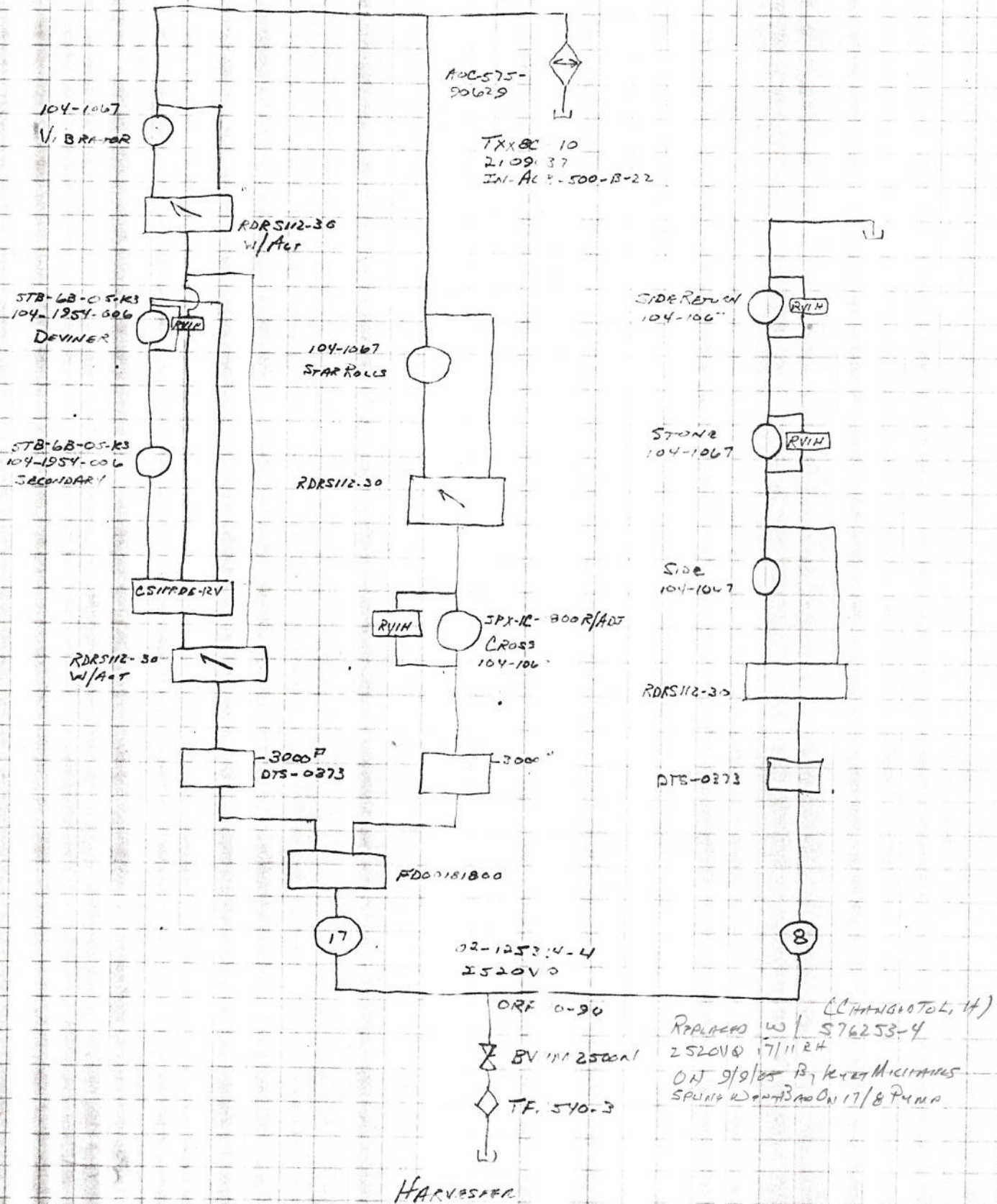


1998 PRIMARY CIRCUIT

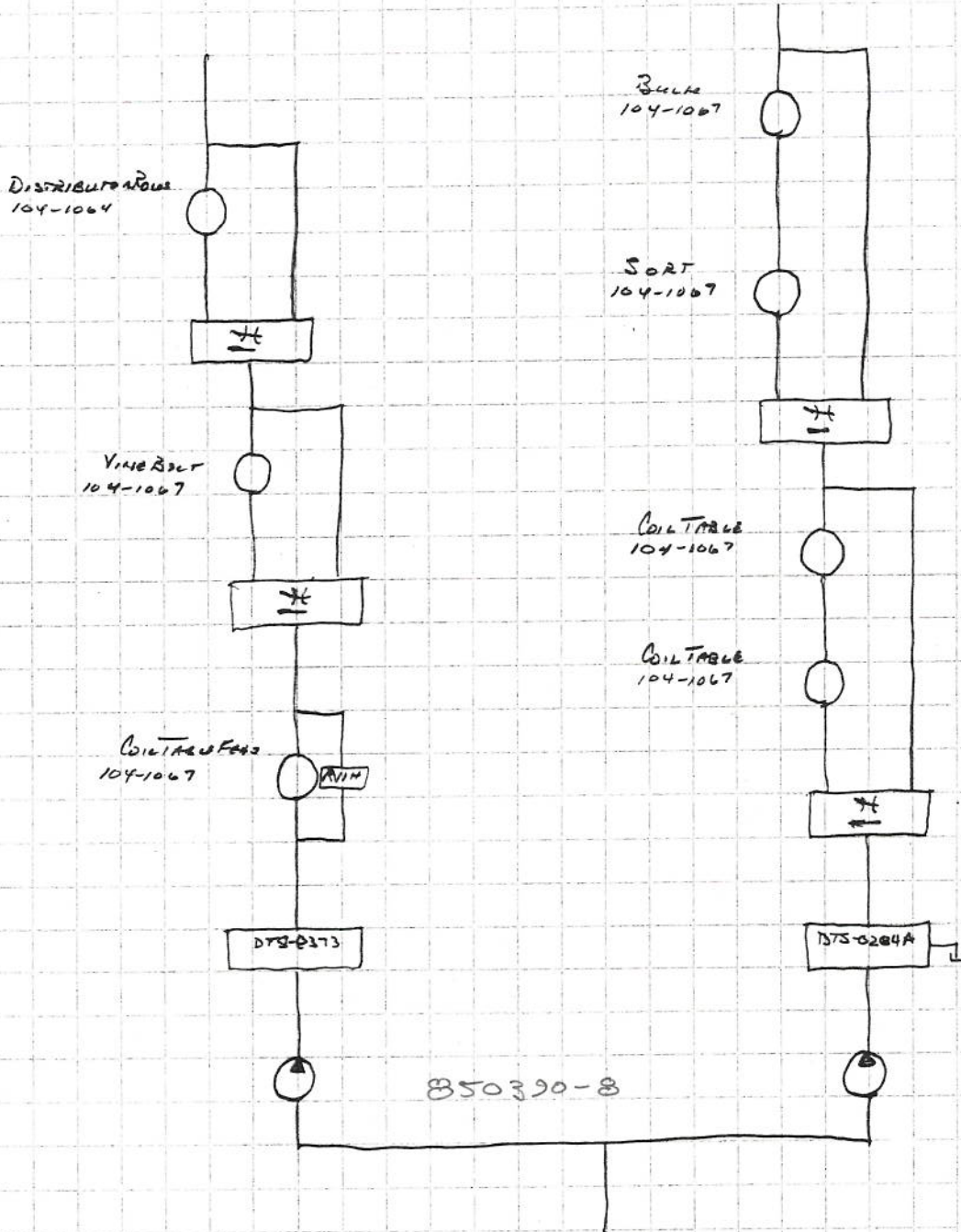


HARVESTER

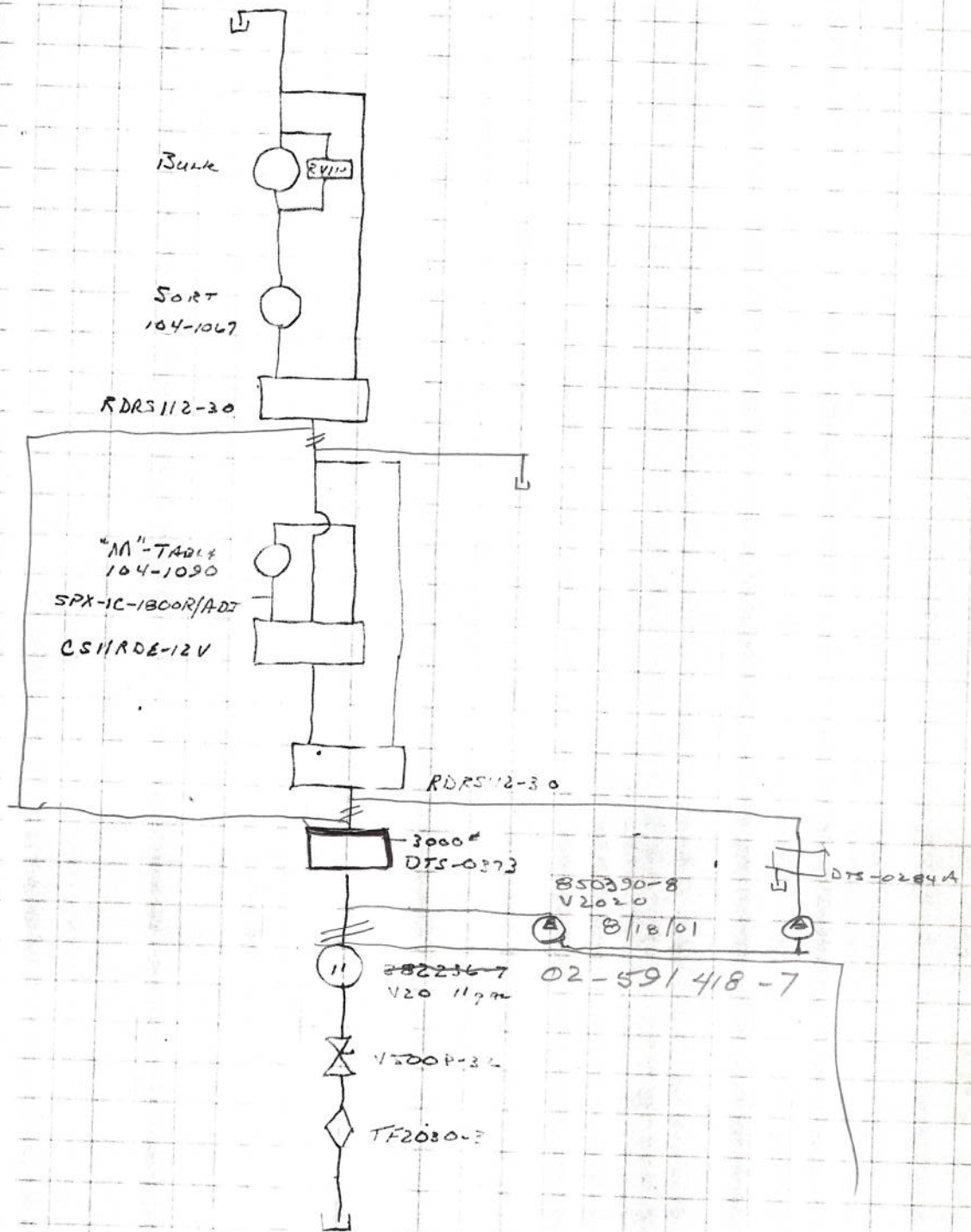
1998 SECONDARY / CROSS / SIDE CIRCUITS



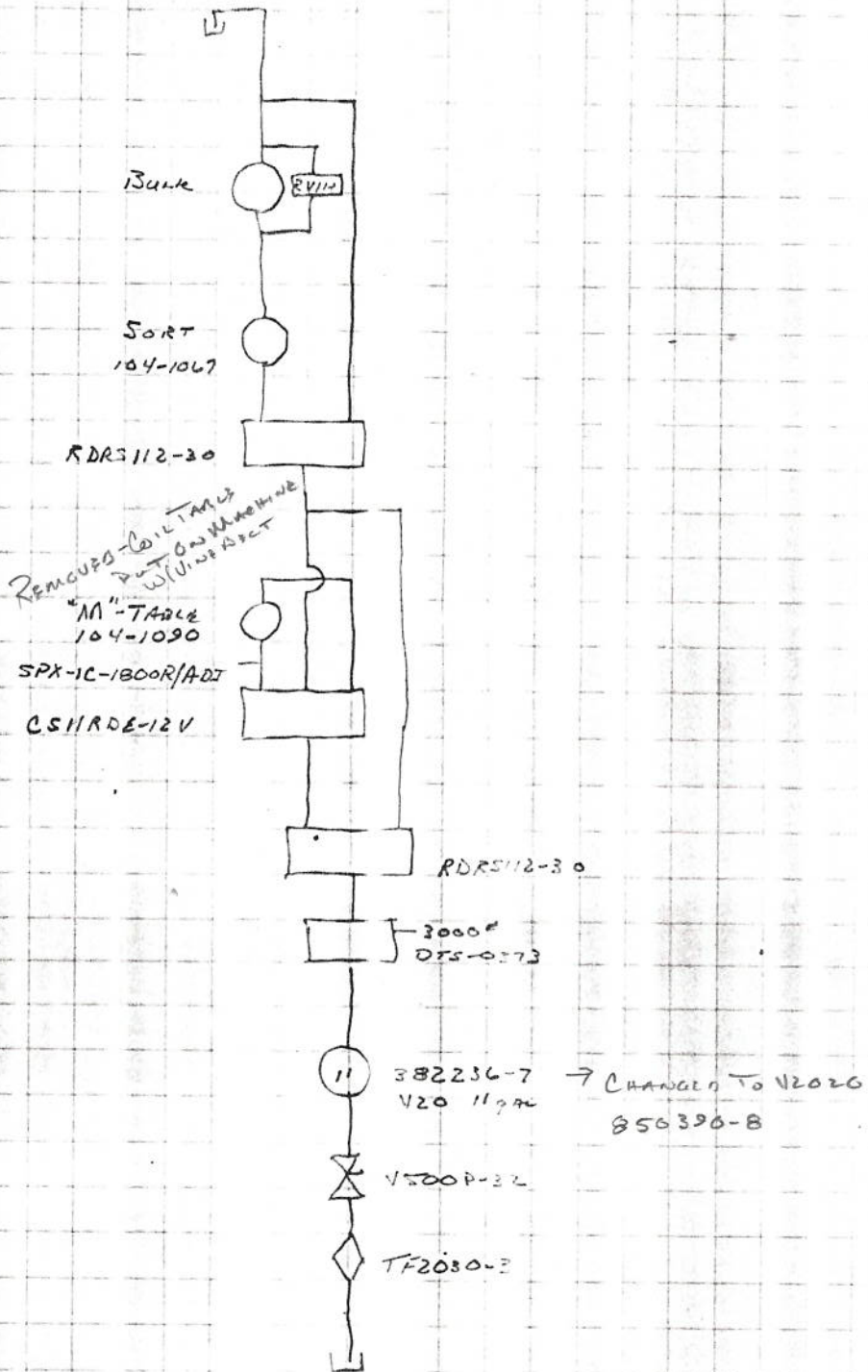
8/18/01
UPDATE - COIL TABLE
ADDITION



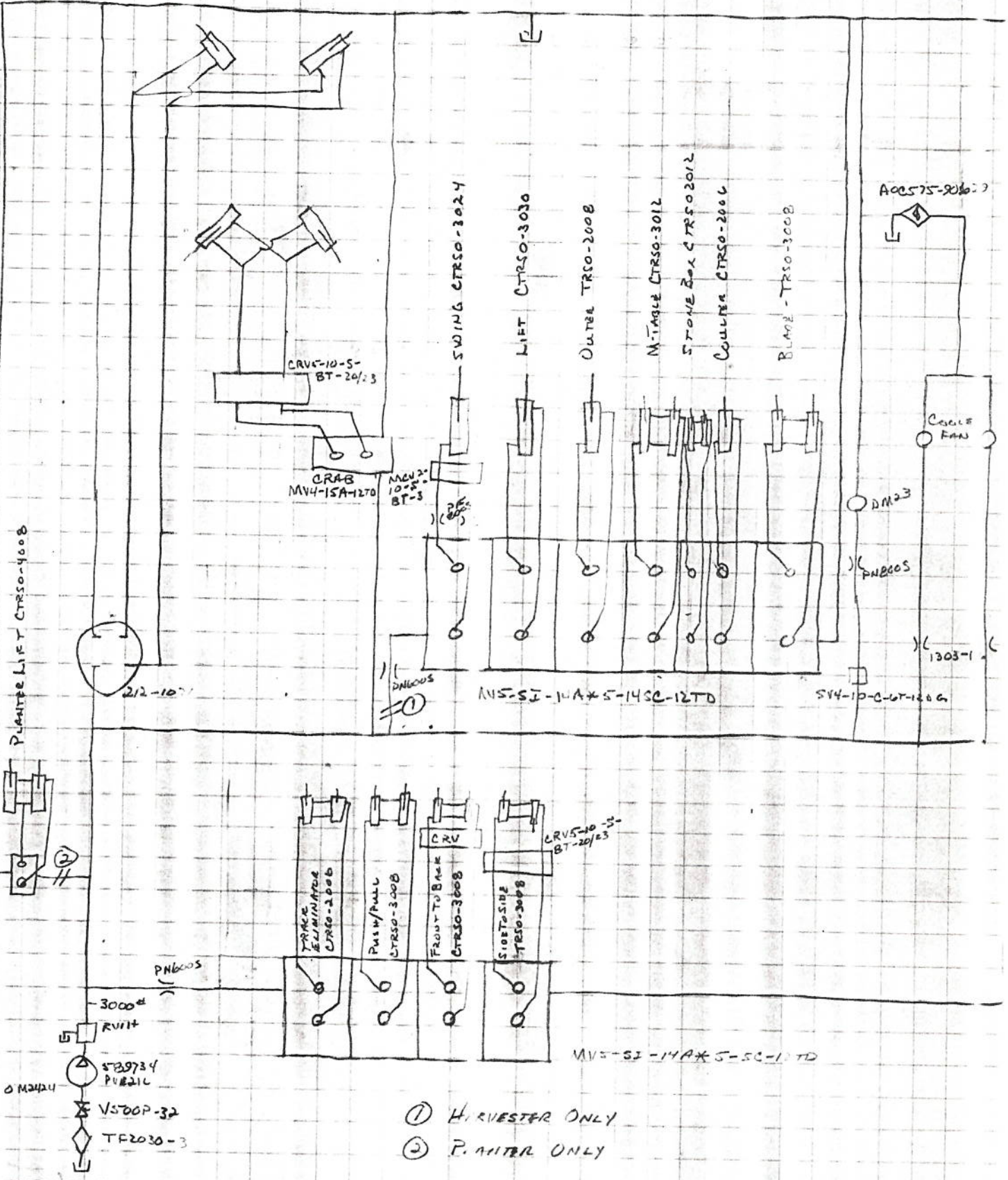
1998 SORT CIRCUIT W/ "M"-TABLE



1998 SORT CIRCUIT W/ "M"-TABLE



1998 STEERING CIRCUIT W/IN-TABLE OPTION



1998 ARMREST CONTROL PANEL

LEVELING

SIDE FRONT



POWER

FUSING
PHASE



1998 ARM REST CONTROL PANEL

LE VIE LIAISON FRONT

