

#07016

Tupling Farms

4 RS pH  $\frac{w}{65}$ "A#

LEFT

MS18-2-121-A18-0000

004343773S

FID0034447

001J

RIGHT

MS18-2-121-A18-0000

004343773S

FID0034447

002J

MS50-2-G21-F50-1120-2000

003043701V

SERIE-N F00066337001

VERS. J

MS50-2-D21-F50-1120-2000

009243799H

SERIE-N F00071932001

VERS. J

ENG. No. - 79232791

DATE of MFG - 01/07

MODEL - Q5X15

FAMILY - TCEXLOIS.AAE

ADVERT. P - 520 @ 2100 RPM

REF No - AFE-520HA/ENCL

E.C.S. - DDI ECM TC CAC

FILE SAPP - 600-1200

CPL - 8761

ECU.

P/N - 3408501

S/N - 31015467

D/C - 02192007

ESN - 79232791

E/C - N11832.07

GOV.

STARTER

P/N 3103951

W/ET 12V CW

GEAR PRODUCTS

Model No - DP49-1-1.21UHD-B2-C-C/D-C/D

P/N - 649-00023-1

S/N - 525743-001

ELECTRONIC GAUGES

#07016

TUPLING FARMS  
4RSPH W/ 65" - TANK

7/6/2007

SCREEN	1	GROUND DRIVE	10,000#
		LEFT PRIMARY	5,000#
		RIGHT PRIMARY	5,000#
		SECONDARY	5,000#
SCREEN	2	GROUND DRIVE CHARGE	1,000#
		AIRHEAD CHARGE	1,000#
		<i>Primary</i> <del>AIRHEAD</del> CHARGE PRESSURE	<del>1,000#</del>
		SECONDARY CHARGE	600#
SCREEN	3	AIRHEAD	10,000#
		BRAKE CHARGE	1,000#
		STEERING	3,000#
SCREEN	4	RIGHT STAR	3,000#
		LEFT STAR	3,000#
		STAR TABLE DIST.	3,000#
		CROSS	3,000#
SCREEN	5	SIDE	3,000#
		BIN FILL	3,000#
		BIN UNLOAD	3,000#



#07016

**ELECTRONIC GAUGES  
TUPLING FARMS  
4RSPH W/ 65" - TANK  
ENCLOSURE PINOUTS**

7/6/2007

**PLUG #1**

PIN #1	1-1	BLACK	GROUND DRIVE
2	1-1	WHITE	GROUND DRIVE
3	1-1	RED	GROUND DRIVE
4	1-2	BLACK	LEFT PRIMARY
5	1-2	WHITE	LEFT PRIMARY
6	1-2	RED	LEFT PRIMARY
7	1-3	BLACK	RIGHT PRIMARY
8	1-3	WHITE	RIGHT PRIMARY
9	1-3	RED	RIGHT PRIMARY
10	1-4	BLACK	SECONDARY
11	1-4	WHITE	SECONDARY
12	1-4	RED	SECONDARY

**PLUG #2**

PIN #1	1-5	BLACK	GROUND DRIVE CHARGE PRESSURE
2	1-5	WHITE	GROUND DRIVE CHARGE PRESSURE
3	1-5	RED	GROUND DRIVE CHARGE PRESSURE
4	1-6	BLACK	AIR HEAD CHARGE PRESSURE
5	1-6	WHITE	AIR HEAD CHARGE PRESSURE
6	1-6	RED	AIR HEAD CHARGE PRESSURE
7	1-7	BLACK	PRIMARY CHARGE PRESSURE
8	1-7	WHITE	PRIMARY CHARGE PRESSURE
9	1-7	RED	PRIMARY CHARGE PRESSURE
10	2-1	BLACK	SECONDARY CHARGE PRESSURE
11	2-1	WHITE	SECONDARY CHARGE PRESSURE
12	2-1	RED	SECONDARY CHARGE PRESSURE

**PLUG #3**

PIN #1	2-2	BLACK	AIR HEAD
2	2-2	WHITE	AIR HEAD
3	2-2	RED	AIR HEAD
4	2-3		
5	2-3		
6	2-3		
7	2-4	BLACK	BRAKE CHARGE PRESSURE
8	2-4	WHITE	BRAKE CHARGE PRESSURE
9	2-4	RED	BRAKE CHARGE PRESSURE
10	2-5	BLACK	STEERING
11	2-5	WHITE	STEERING
12	2-5	RED	STEERING

#07016

**ELECTRONIC GAUGES  
TUPLING FARMS  
4RSPH W/ 65" - TANK  
ENCLOSURE PINOUTS**

7/6/2007

**PLUG #4**

PIN #1	2-6	BLACK	RIGHT STAR TABLE
2	2-6	WHITE	RIGHT STAR TABLE
3	2-6	RED	RIGHT STAR TABLE
4	2-7	BLACK	LEFT STAR TABLE
5	2-7	WHITE	LEFT STAR TABLE
6	2-7	RED	LEFT STAR TABLE
7	3-1	BLACK	STAR TABLE DISTRIBUTOR
8	3-1	WHITE	STAR TABLE DISTRIBUTOR
9	3-1	RED	STAR TABLE DISTRIBUTOR
10	3-2	BLACK	CROSS
11	3-2	WHITE	CROSS
12	3-2	RED	CROSS

**PLUG #5**

PIN#1	3-3	BLACK	SIDE
2	3-3	WHITE	SIDE
3	3-3	RED	SIDE
4	3-4	BLACK	BIN FILL
5	3-4	WHITE	BIN FILL
6	3-4	RED	BIN FILL
7	3-5	BLACK	BIN UNLOAD
8	3-5	WHITE	BIN UNLOAD
9	3-5	RED	BIN UNLOAD
10			
11			
12			

**PLUG #6**

PIN #1	BLACK		BELDEN 8762 TO CAB
2	CLEAR		BELDEN 8762 TO CAB
3	RED	0028	12V DC FROM DISTRIBUTION PANEL
4	BLACK	0015	GROUND TO DISTRIBUTION PANEL



# Hydraulics

## Electronic Proportional (EP) Control for Heavy Duty Series 2 Piston Pumps

Model 33  
Model 39  
Model 46

Model 54  
Model 64

1/3/07

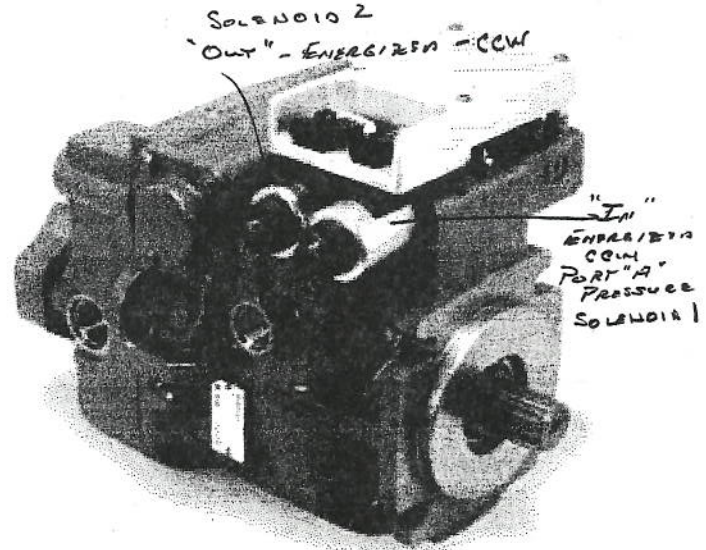
The Electronic Proportional (EP) Control is ideal for a wide range of mobile and industrial applications where electrical control of pump displacement is desired. Eaton's robust design incorporates an electronic module, proportional solenoids and a valve assembly.

Pump displacement is controlled by an input command signal which is converted into proportional current output by the electronic module. The proportional solenoid-actuated valve assembly then converts the current output into proportional pump displacement.

Designed to meet the rigorous duty cycle requirements of off-highway equipment, the EP Control utilizes an electronic module encapsulated in an aluminum enclosure and environmentally-sealed Metri-Pack® connectors to assure maximum protection from the elements. The EP Control is designed to resist Electromagnetic Interference (EMI) which could affect proper operation.

The EP Control offers maximum design and application flexibility with two different types of command input options and compatibility with both 12 and 24 Vdc power supplies. Typical input devices include joysticks (1-6 Vdc) and PLCs (±4-20 mA).

For precise, repeatable operation, closed-loop current control is used to compensate for resistance and voltage changes of the proportional solenoids due to temperature variation. In the event of a power loss or loss of signal, the EP Control automatically returns the pump to neutral. Mechanical feedback of the swashplate position provides closed-loop control to maintain the selected displacement setting over a wide range of operating conditions. Solenoids have integral manual override actuators.



### EP Control Features

- Robust, flexible electronic pump control
- Electronic module encapsulated for environmental protection
- Automotive style environmentally sealed Metri-Pack® connectors
- Closed-loop current control compensates for resistance change of the proportional solenoids due to temperature variations
- Return to neutral for loss of power or loss of command input signal
- Mechanical feedback of swashplate position for closed-loop control
- Two choices for command input signal
- Operates from 12 or 24 Vdc power supply
- Ease of installation
- Operating temperature range -40° to +85° C
- On-pump mounting for many installations
- External neutral adjustment
- Manual override capability
- Drive module qualification per SAE J1455, SAE J1113, CISPR 25
- External fuse (customer supplied): 3A

### Electronic Module Qualification (Contact Eaton for Specific Levels)

- SAE J1455 - Recommended Environmental Practices for Electronic Equipment Design
  - Humidity/Temperature Extreme Cycling
  - Salt Spray
  - Splash & Immersion
  - Steam Cleaning/High Pressure Wash
  - Vibration
  - Mechanical Shock
  - Temperature Cycling
  - Load Dump Transients
  - Inductive Load Switching Transients
- SAE J1113 - Electromagnetic Susceptibility Measurement Procedures for Vehicle Components
  - EMI/EMC - Conducted & Radiated Immunity
- CISPR 25 - International Electrotechnical Commission "Limits and Methods of Measurement of Radio Disturbance Characteristics for the Protection of Receivers used on Board Vehicles"
  - EMI/EMC - Conducted & Radiated Emissions

# EATON

# Hydraulics

407016

## Electronic Proportional (EP) Control for Medium Duty 72400 Piston Pumps

The Electronic Proportional (EP) Control is ideal for a wide range of mobile and industrial applications where electrical control of pump displacement is desired. Eaton's robust design incorporates an electronic module, proportional solenoids and a valve assembly.

Pump displacement is controlled by an input command signal which is converted into proportional current output by the electronic module. The proportional solenoid-actuated valve assembly then converts the current output into proportional pump displacement.

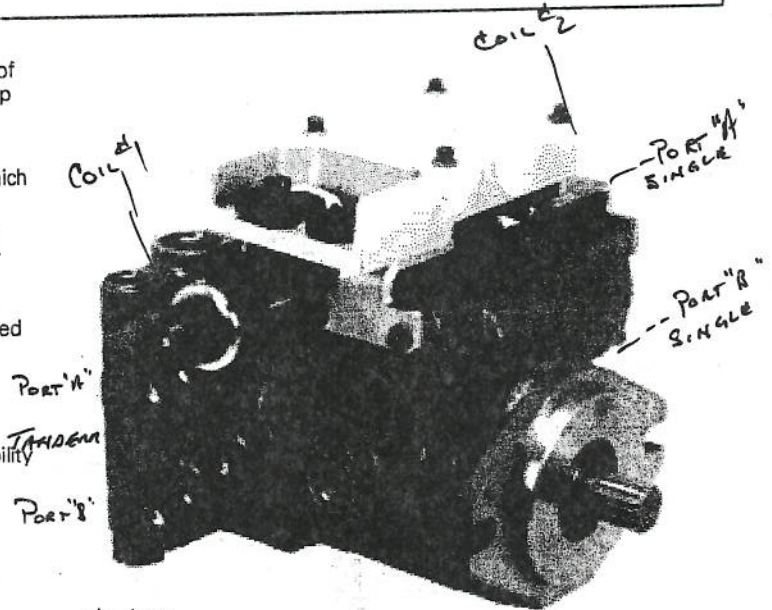
Designed to meet the rigorous duty cycle requirements of off-highway equipment, the EP Control utilizes an electronic module encapsulated in an aluminum enclosure and environmentally-sealed Metri-Pack® connectors to assure maximum protection from the elements. The EP Control is designed to resist Electromagnetic Interference (EMI) which could affect proper operation.

The EP Control offers maximum design and application flexibility with two different types of command input options and compatibility with both 12 and 24 Vdc power supplies. Typical input devices include joysticks (1-6 Vdc) and PLCs ( $\pm 4$ -20 mA).

For precise, repeatable operation, closed-loop current control is used to compensate for resistance and voltage changes of the proportional solenoids due to temperature variation. In the event of a power loss or loss of signal, the EP Control automatically returns the pump to neutral. Mechanical feedback of the swashplate position provides closed-loop control to maintain the selected displacement setting over a wide range of operating conditions. Solenoids have integral manual override actuators.

### EP Control Features

- Robust, flexible electronic pump control
- Electronic module encapsulated for environmental protection
- Automotive style environmentally sealed Metri-Pack® connectors
- Closed-loop current control compensates for resistance change of the proportional solenoids due to temperature variations
- Return to neutral for loss of power or loss of command input signal
- Mechanical feedback of swashplate position for closed-loop control
- Two choices for command input signal
- Operates from 12 or 24 Vdc power supply
- Ease of installation
- Operating temperature range -40° to +85° C
- On-pump mounting for many installations
- External neutral adjustment
- Manual override capability
- Drive module qualification per SAE J1455, SAE J1113, CISPR 25
- External fuse (customer supplied): 3A



1/5/07

ENERGIZED - CCW

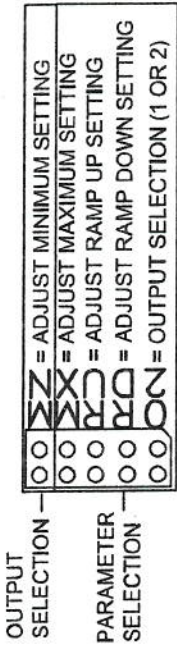
#1 COIL NEXT TO PRESSURE PORTS - "IN"  
PRESSURE OUT PORT "A"

#2 COIL AWAY FROM PORTS - "OUT"

### Electronic Module Qualification

(Contact Eaton for Specific Levels)

- SAE J1455 - Recommended Environmental Practices for Electronic Equipment Design
  - Humidity/Temperature Extreme Cycling
  - Salt Spray
  - Splash & Immersion
  - Steam Cleaning/High Pressure Wash
  - Vibration
  - Mechanical Shock
  - Temperature Cycling
  - Load Dump Transients
  - Inductive Load Switching Transients
- SAE J1113 - Electromagnetic Susceptibility Measurement Procedures for Vehicle Components
  - EMI/EMC - Conducted & Radiated Immunity
- CISPR 25 - International Electrotechnical Commission "Limits and Methods of Measurement of Radio Disturbance Characteristics for the Protection of Receivers used on Board Vehicles"
  - EMI/EMC - Conducted & Radiated Emissions

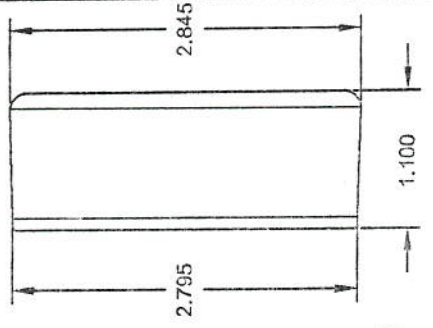


FUNCTION SELECT JUMPERS

ADJUSTMENT POTENTIOMETER

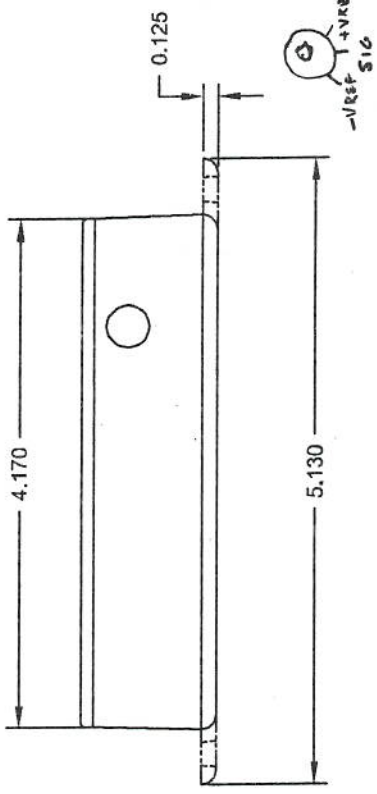
PALM PILOT CONNECTION

Ø0.190 X 2 PLCS



ANALOG INPUT - BLUE  
 +5V REF - ORANGE  
 PROP OUT1 - GREEN  
 PROP OUT2 - YELLOW  
 +24 VDC - RED  
 GROUND - BLACK  
 PROP 1 REDUCTION - PURPLE  
 PROP 2 REDUCTION - WHITE

BLUE TO POT SIGNAL  
 ORANGE TO POT +VREF W/ 2k RESISTOR  
 GREEN TO FIND COIL #2  
 RED TO POT +24VDC  
 BLACK TO POT GROUND  
 PURPLE ON POT TO POTENTIAL GROUND W/ 10k RESISTOR



REF: KAR-TECH

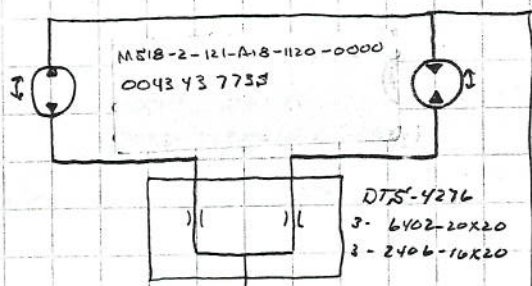
REVISED TOLERANCE		DRAWING		SCALE		DATE		BY		CHECKED		APPROVED		DATE		JOB NO.	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
KAR-TECH Delafield, WI 53018 DIGITAL VALVE DRIVER																	
CAD DRAWING DO NOT REVISE MANUALLY FULL AL 02-20-05 02-20-05 15 Agg 21-017-2-A-2 B																	

REV	DATE	DESCRIPTION	PRINT
1	02-20-05	RELEASED	
2	02-20-05	DO NOT SCALE	
3	02-20-05	PRINT	

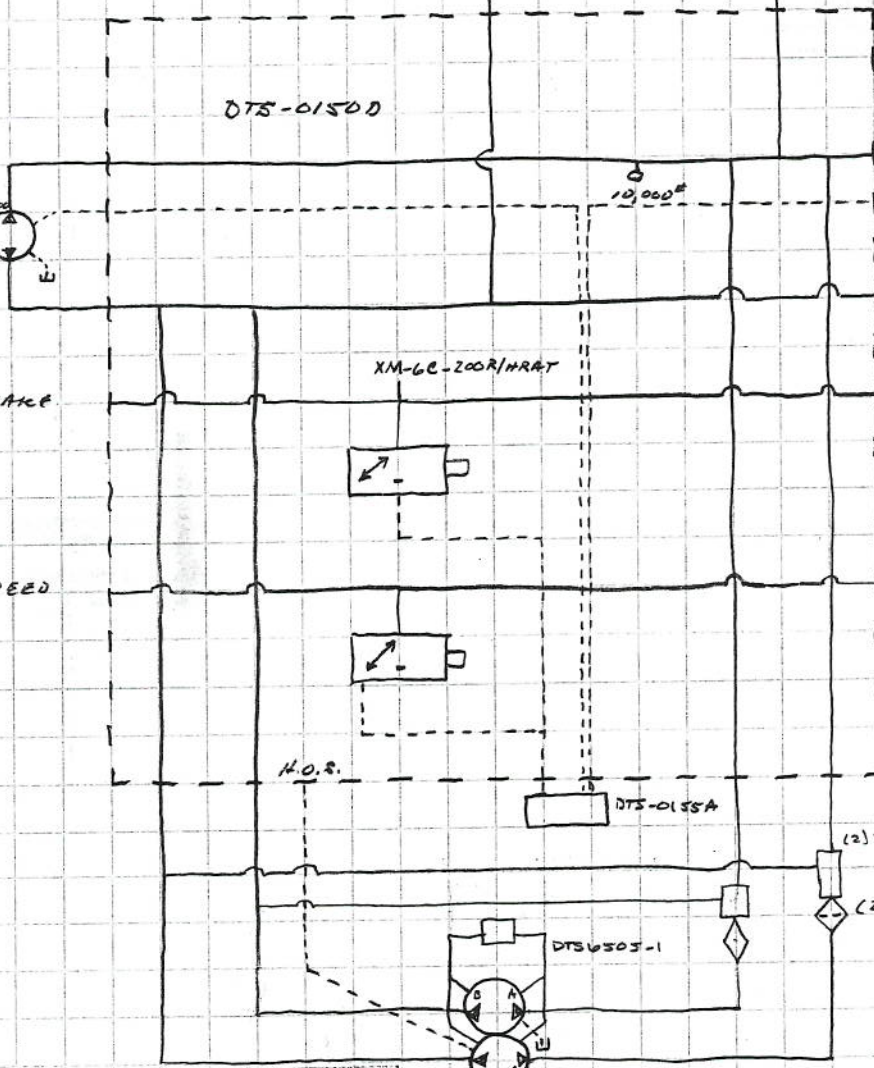
- PROPORTIONAL OUTPUT SETTINGS ARE CHANGEABLE WITHOUT THE PALM PILOT UTILIZING THE ON-BOARD JUMPERS AND ADJUSTMENT POTENTIOMETER. USE THE FOLLOWING PROCEDURE:
- 1.) SELECT WHICH OUTPUTS PARAMETERS TO CHANGE BY USING THE "O2" SHORTING JUMPER. WHEN THE "O2" PINS ARE SHORTED USING THE JUMPER, PROPORTIONAL OUTPUT #2 IS SELECTED. WHEN THE PINS ARE NOT SHORTED TOGETHER, OUTPUT 1 IS SELECTED.
  - 2.) SELECT THE DESIRED PARAMETER TO CHANGE BY INSTALLING A SHORTING JUMPER ON THE CORRESPONDING SET OF PINS AS SHOWN ABOVE:
    - "MN" TO ADJUST THE MINIMUM PROPORTIONAL OUTPUT SETTING. SET ANALOG INPUT SIGNAL (POTENTIOMETER, JOYSTICK) TO IT'S LOWEST POSITION, ADJUST "MN" AND MONITOR OUTPUT TO VALVE FOR DESIRED VALUE.
    - "MX" TO ADJUST THE MAXIMUM PROPORTIONAL OUTPUT SETTING. SET ANALOG INPUT SIGNAL (POTENTIOMETER, JOYSTICK) TO IT'S MAXIMUM POSITION, ADJUST "MX" AND MONITOR OUTPUT TO VALVE FOR DESIRED VALUE.
    - "RU" TO ADJUST THE RAMP UP SETTING.
    - "RD" TO ADJUST THE RAMP DOWN SETTING.
  - 3.) ADJUST THE VALUE TO THE DESIRED SETTING USING THE ADJUSTMENT POTENTIOMETER SHOWN ON THE DRAWING.
  - 4.) SAVE THE PARAMETER BY REMOVING THE JUMPER FROM THE SELECTED PARAMETER PINS. DO NOT CHANGE THE STATE OF THE "O2" PINS BEFORE REMOVING THE JUMPER FROM THE PARAMETER PINS OR THE SETTING MAY NOT BE SAVED IN MEMORY.
  - 5.) REPEAT PROCEDURE TO CHANGE ANY AND ALL PARAMETERS FOR THE 2 PROPORTIONAL OUTPUTS. REMEMBER TO REMOVE THE PARAMETER JUMPER BEFORE SELECTING WHICH OUTPUT TO CHANGE USING THE "O2" JUMPER.
  - 6.) REMOVE BOTH JUMPERS AND PLACE HORIZONTALLY FOR STORAGE ON TWO ADJACENT PINS
- SEE MANUAL FOR INSTRUCTIONS ON HOW TO SET THE PARAMETERS USING A PALM PILOT.



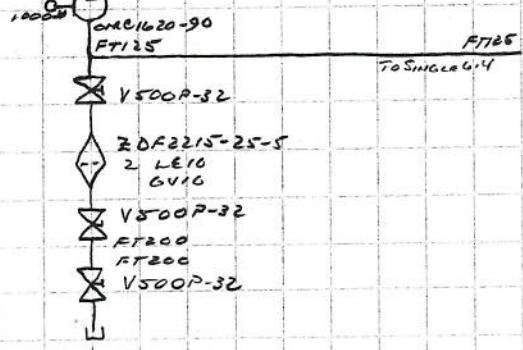
1/10/07  
 #07016  
 TUPLING FARMS  
 HRSPA W/65" TANK - FLEETING  
 T/FACE - LEVELING



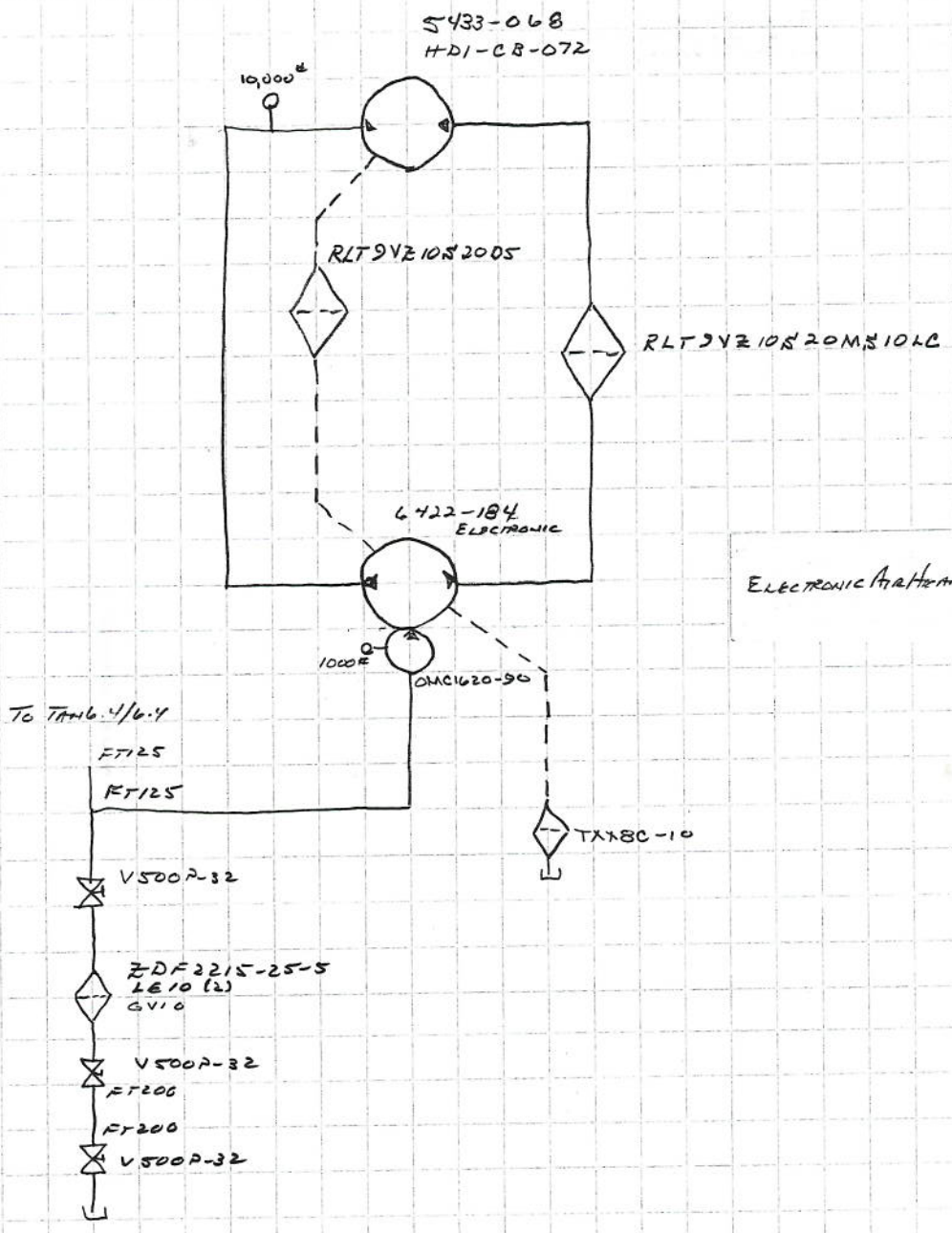
- 2- 7400-12X22
- 4- 12PH
- 4- 63SF12X12
- 2- 25374.13H



DTS 7035  
 TANDEM 64  
 SERIES 2  
 20038-009

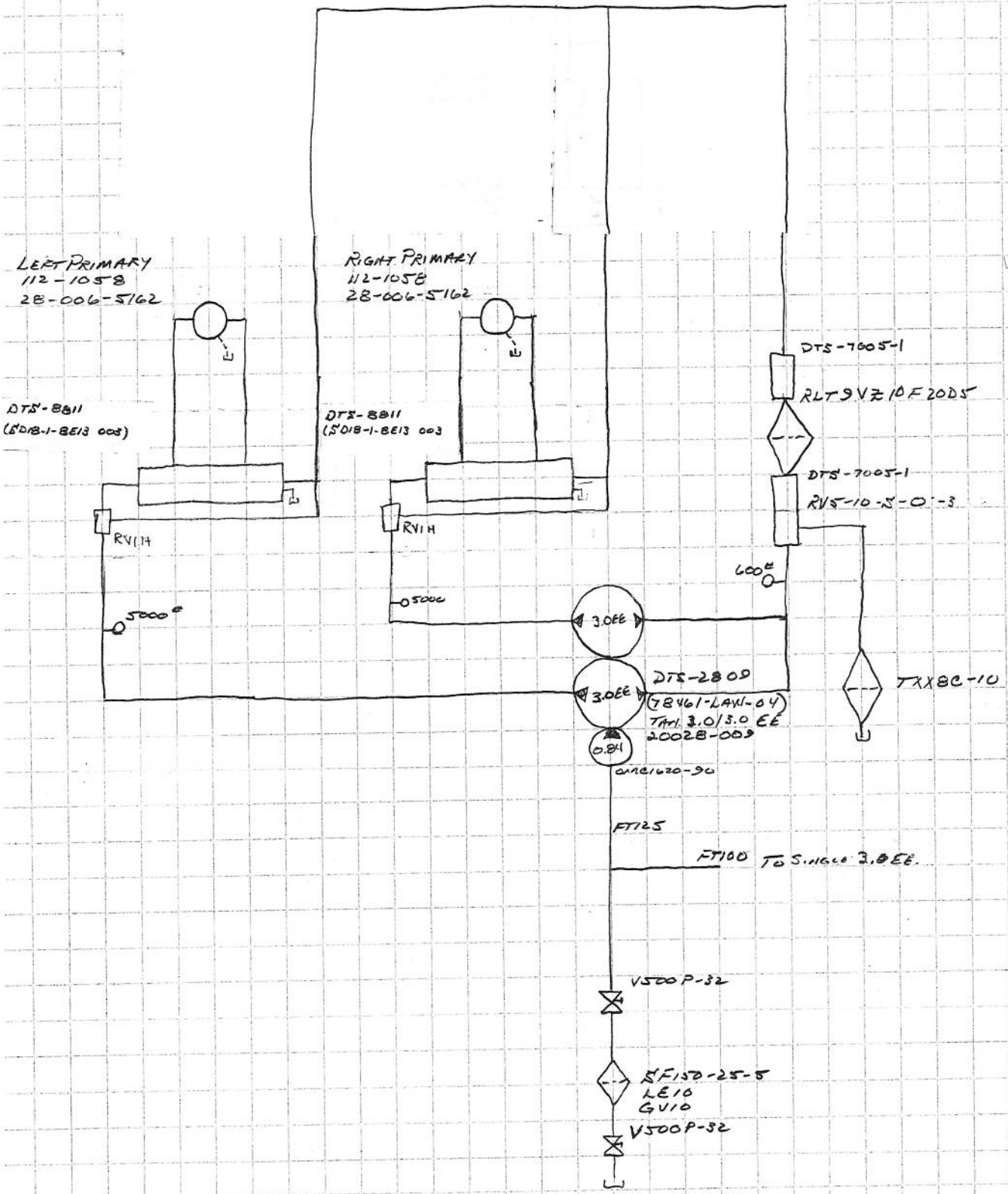


1/10/07  
 # 07016  
 TURLING FARMS  
 NRS PH W/65' TANK - AFFETABLE  
 ELECTRONIC LEVELING



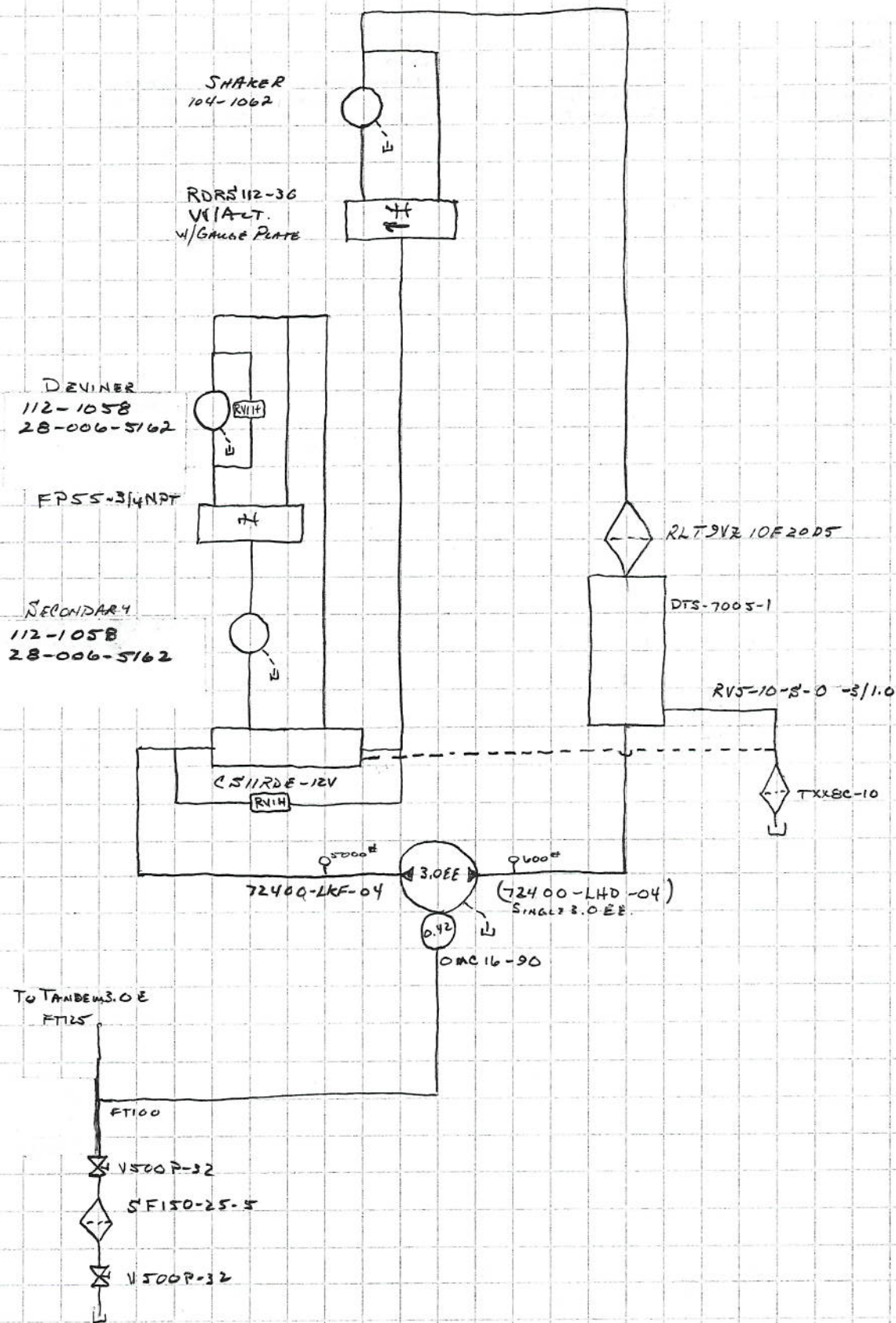
ELECTRONIC AIR/H2O LEVELING

1/10/07  
 #07016  
 TUPALIK FARMS  
 4RSAT w/65" TRAIL-AFETABLE  
 ELECTRONIC LEVELING



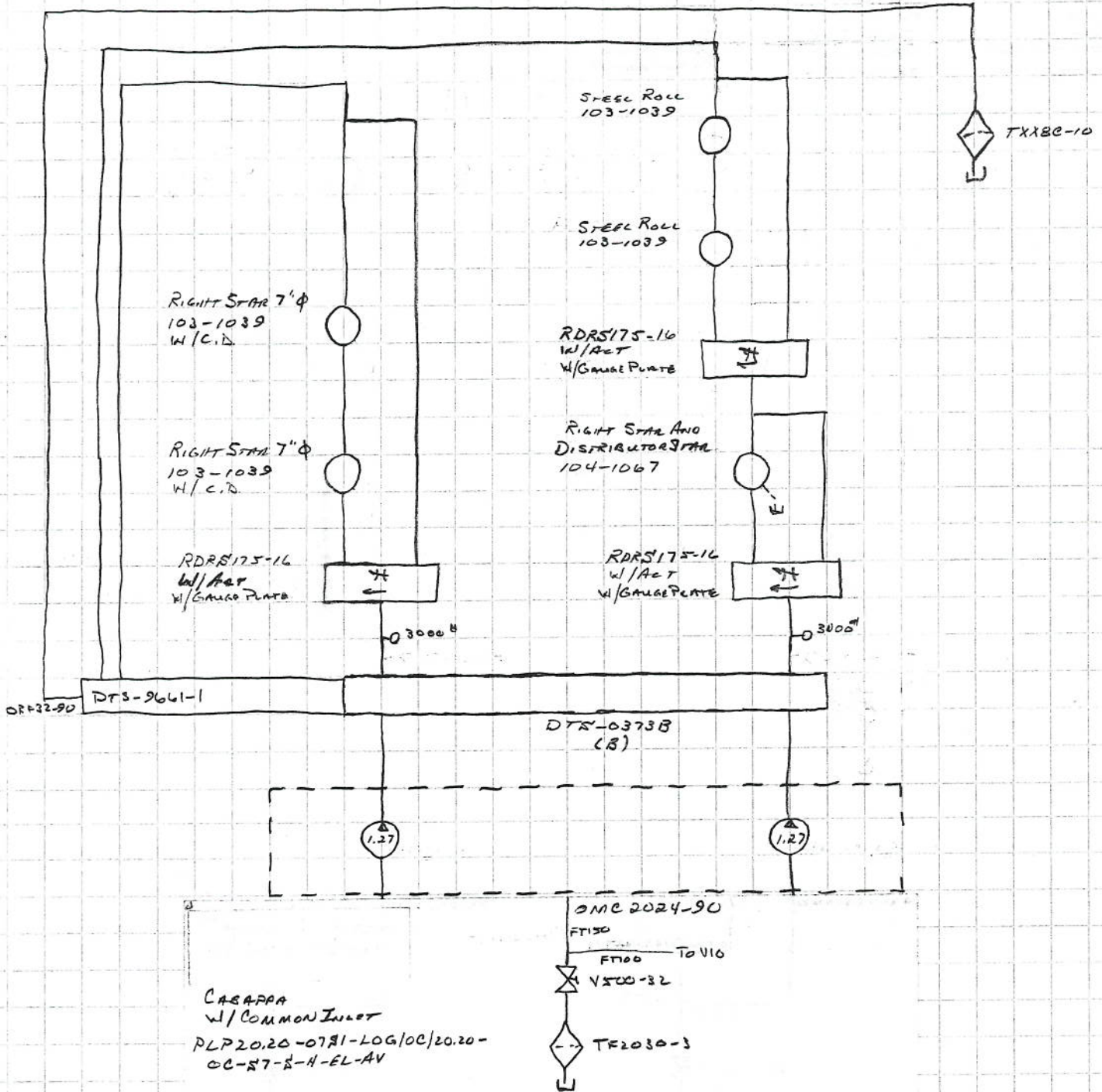
SECONDARY CIRCUIT

1/10/67  
 #07016  
 TUPPING FARMS  
 4RS PH W/65" TANK - AFETABLE  
 ELECTRONIC LEVELING

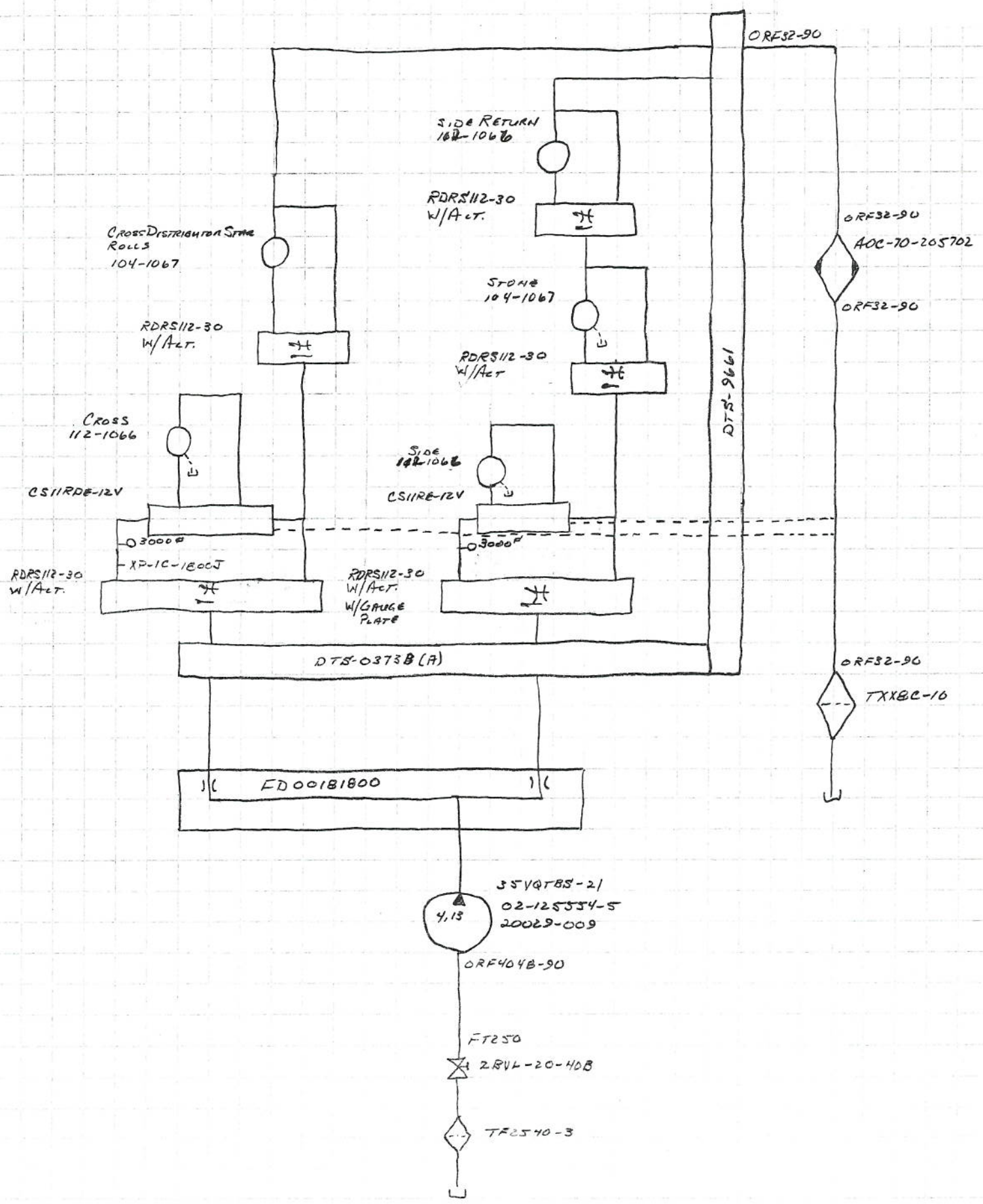


STAR TABLE

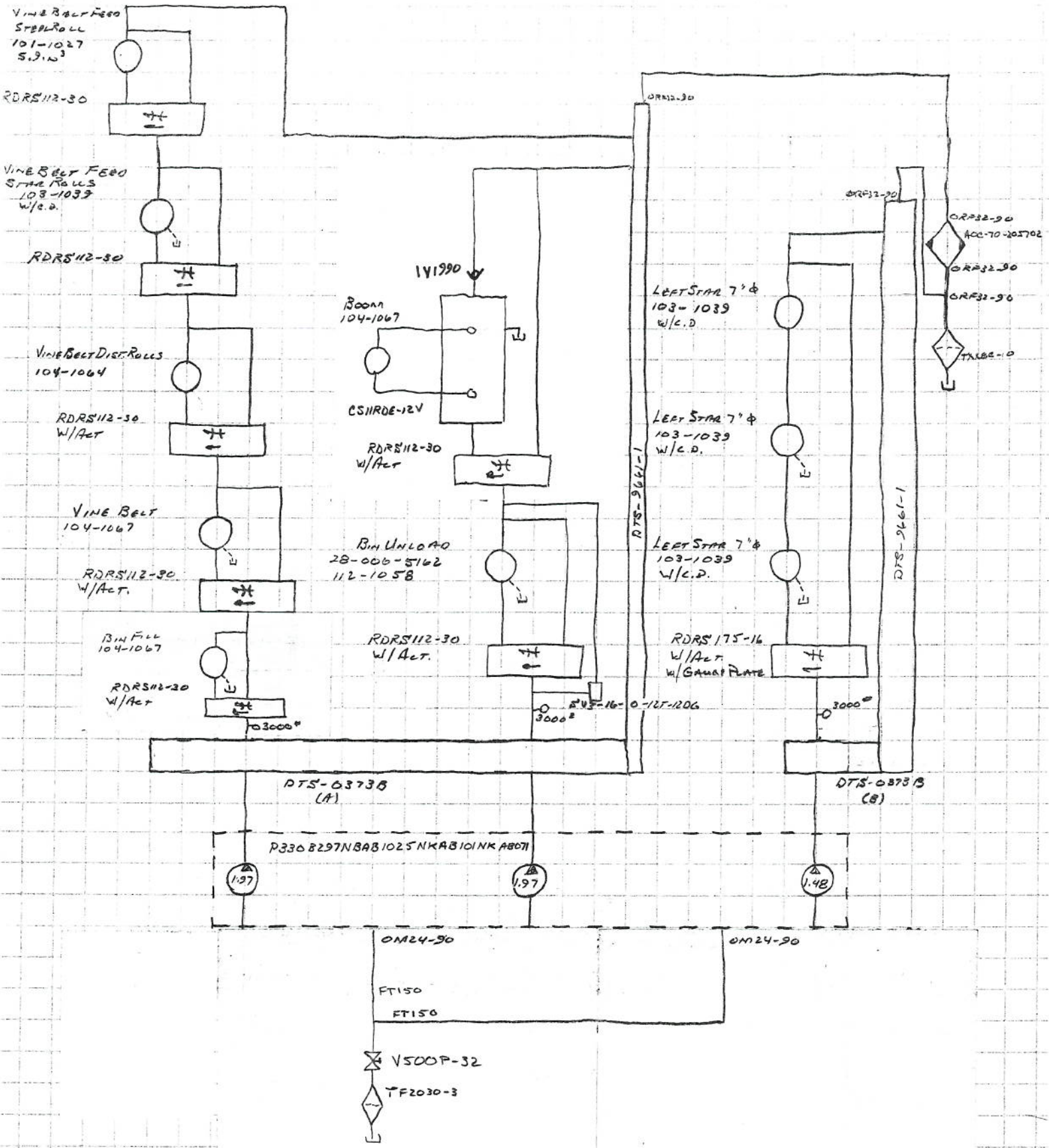
1/10/07  
 # 07016  
 TUPLING FARMS  
 HRSR # W/LS<sup>3</sup>-TANK-AFETABLE  
 ELECTRONIC LEVELING



5/20/07 #07016  
TUPRING 4RS4H/65-TANK

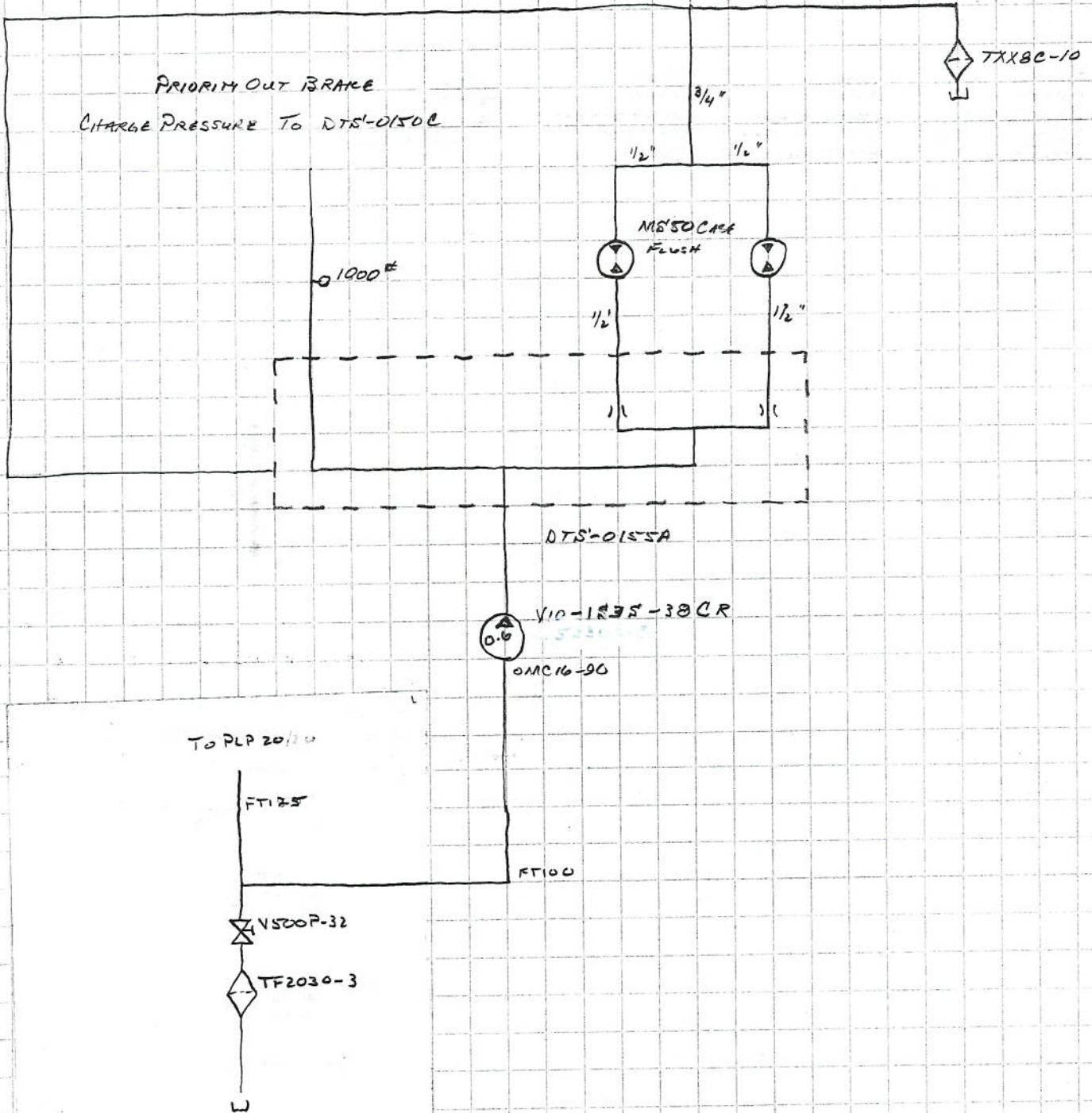


VINE BELT / BIN UNLOAD / LEFT STAR ROLLS



BRAKE CHARGE PRESSURE / CASE FLUSHING

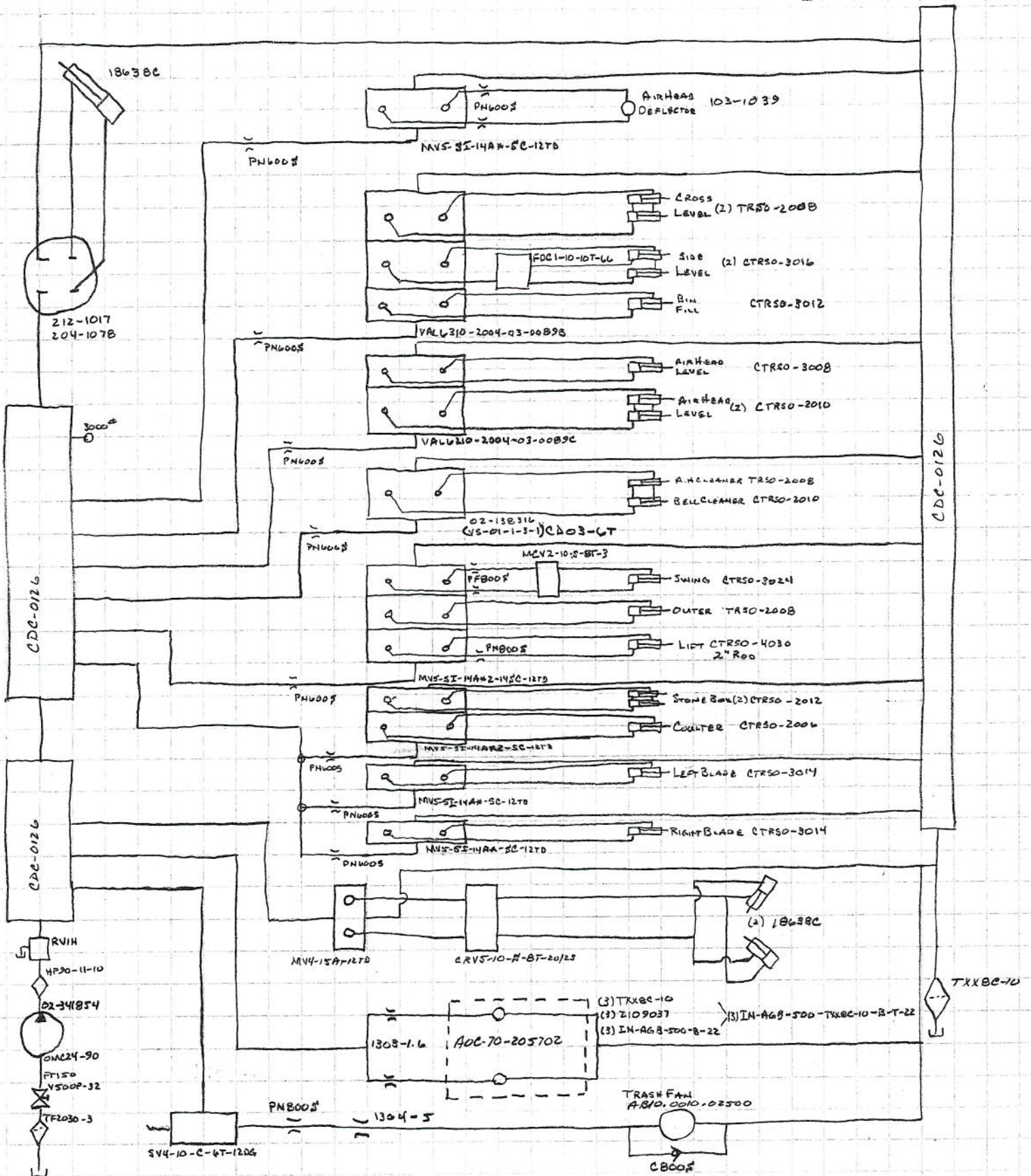
1/10/07  
# 07016  
TUDING FARMS  
4RSPH W/65" TANK AFFE TABLE  
ELECTRONIC LEVELING



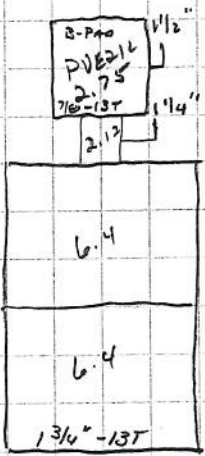


STEERING / VALVE BANK CIRCUITS

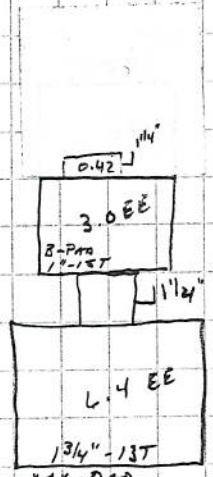
1/10/07  
#07016  
TURNING FURNS  
NRS PH W/US-TANK-  
AFFECTABLE-ELECT. LEVERAGES



- |                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>④<br/>                 TF2540-3<br/>                 2 1/2" CLS NIP<br/>                 2BVL20-40B<br/>                 FT250<br/>                 * 35VQTBS</p> | <p>③<br/>                 3" X 2" BUSH<br/>                 2" CLS NIP<br/>                 V500P-32<br/>                 FT200<br/>                 FT200<br/>                 V500P-32<br/>                 2" CLS NIP<br/>                 2" 90° STEEL<br/>                 W43-32PK<br/>                 ZDF2215-25-5<br/>                 W43-32PK<br/>                 2" 90° STEEL<br/>                 2" CLS NIP<br/>                 V500P-32<br/>                 2" CLS NIP<br/>                 2" TEE X</p> | <p>③<br/>                 TF2030-3<br/>                 2" CLS NIP<br/>                 V500P-32<br/>                 2" X 1 1/2" BUSH X 2" X 1 1/2" BUSH<br/>                 FT150<br/>                 * PVE21L</p> | <p>③<br/>                 TF2030-3<br/>                 2" CLS NIP<br/>                 V500P-32<br/>                 2" CLS NIP<br/>                 2" TEE X<br/>                 FT150<br/>                 * TRIPLE COMM<br/>                 O 2" 90° STEEL<br/>                 2" X 1 1/2" BUSH<br/>                 FT150<br/>                 * TRIPLE COMM.</p> | <p>③<br/>                 TF2030-3<br/>                 2" CLS NIP<br/>                 V500P-32<br/>                 2" CLS NIP<br/>                 2" TEE X<br/>                 X 2" X 1 1/2" BUSH<br/>                 FT150<br/>                 * TANDEM PLP<br/>                 O 2" 90° STEEL<br/>                 2" X 1" BUSH<br/>                 FT100<br/>                 * V10</p> | <p>④<br/>                 4" X 2" BUSH<br/>                 2" CLS NIP<br/>                 V500P-32<br/>                 2" X 1 1/2" BUSH<br/>                 1 1/2" CLS NIP<br/>                 5" F150-25-5<br/>                 1 1/2" CLS NIP<br/>                 2" X 1 1/2" BUSH<br/>                 V500P-32<br/>                 2" CLS NIP<br/>                 2" TEE X<br/>                 X 2" X 1 1/4" BUSH<br/>                 FT125<br/>                 * TANDEM 3.0EE<br/>                 O 2" 90° STEEL<br/>                 2" X 1" BUSH<br/>                 FT100<br/>                 * 3.0EE</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
- X 2" X 1 1/4" BUSH O 2" 90° STEEL FT125  
 2" X 1 1/4" BUSH FT125  
 \* T64/64 \* L4EE



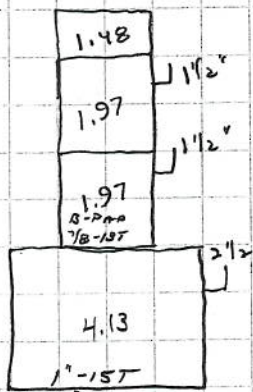
L.R. "C"-PAD



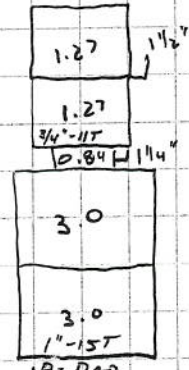
"C"-PAD L.L.

- L.R - TANDEM L.4 - GROUND DRIVE
- PVE21L - STEERING CIRCUIT
- L.L. - L.4 EE - AIR HEAD
- 3.0EE - SECONDARY

- T.R - 35VQTBS - CROSS
- S.0E
- TRIPLE COMMERCIAL - BIN FILL
- RIN UNLOAD
- LEFT STAR TABLE
- T.L. - TANDEM 3.0EE - LEFT PRIMARY
- RIGHT PRIMARY
- TANDEM PLP - RIGHT STAR TABLE
- RIGHT STAR DIST. STAR
- ENG - V10 - BRAKE CHANGE PRESSURE



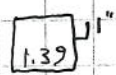
"C"-PAD T.R.



"B"-PAD T.L.

GEAR PRODUCTS - 4/10LE BOX

DP49

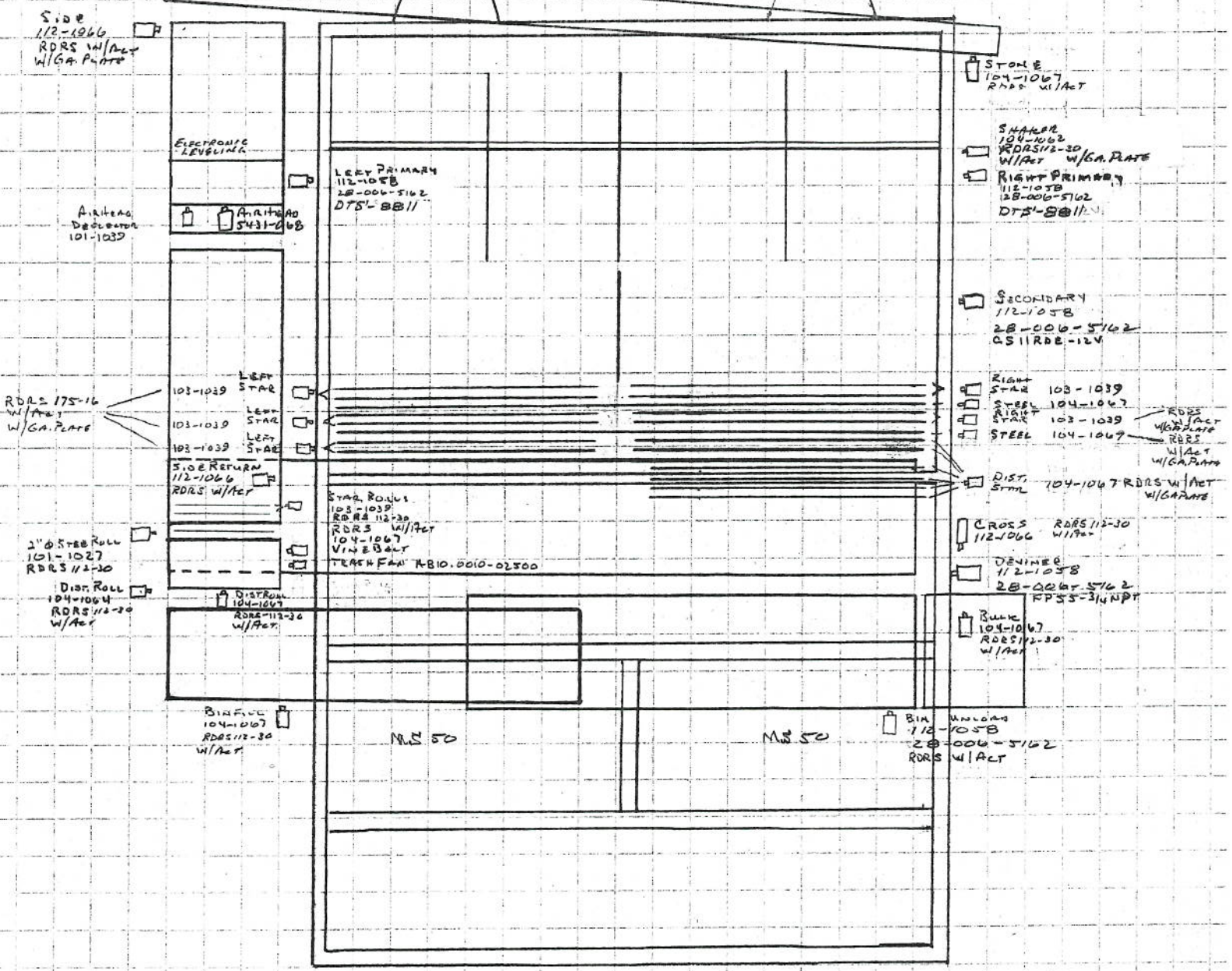


ENGINE

607016  
TUPPING  
HRSAT / 65-TANK

MS 12-8

MS 12-8



Side  
112-1066  
RDRS w/Act  
w/GA. Plate

ELECTRONIC  
LEVELING

Airtens.  
Decelerator  
101-1032

RDRS 175-16  
w/Act  
w/GA. Plate

2" Ø STEEL ROLL  
101-1027  
RDRS 112-30

Dist. Roll  
104-1064  
RDRS 112-30  
w/Act

Bin 104-1007  
RDRS 112-30  
w/Act

LEFT PRIMARY  
112-1058  
2B-006-5162  
DTS-8B11

STAR ROLL  
103-1039  
RDRS 112-30  
RDRS w/Act  
104-1067  
VINE BOLT  
TRACH FAN MB10.0010-02500

MS 50

MS 50

STONE  
104-1067  
RDRS w/Act

SHARER  
104-1062  
RDRS 112-30  
w/Act w/GA. Plate

RIGHT PRIMARY  
112-1058  
2B-006-5162  
DTS-8B11

SECONDARY  
112-1058  
2B-006-5162  
Q511RDE-12V

RIGHT STAR  
103-1039  
STEEL 104-1067  
STAR 103-1039  
STEEL 104-1067

RDRS  
w/Act  
w/GA. Plate  
RDRS  
w/Act  
w/GA. Plate

DIST. STRUT  
104-1067 RDRS w/Act  
w/GA. Plate

CROSS ROLL  
112-1066  
RDRS 112-30  
w/Act

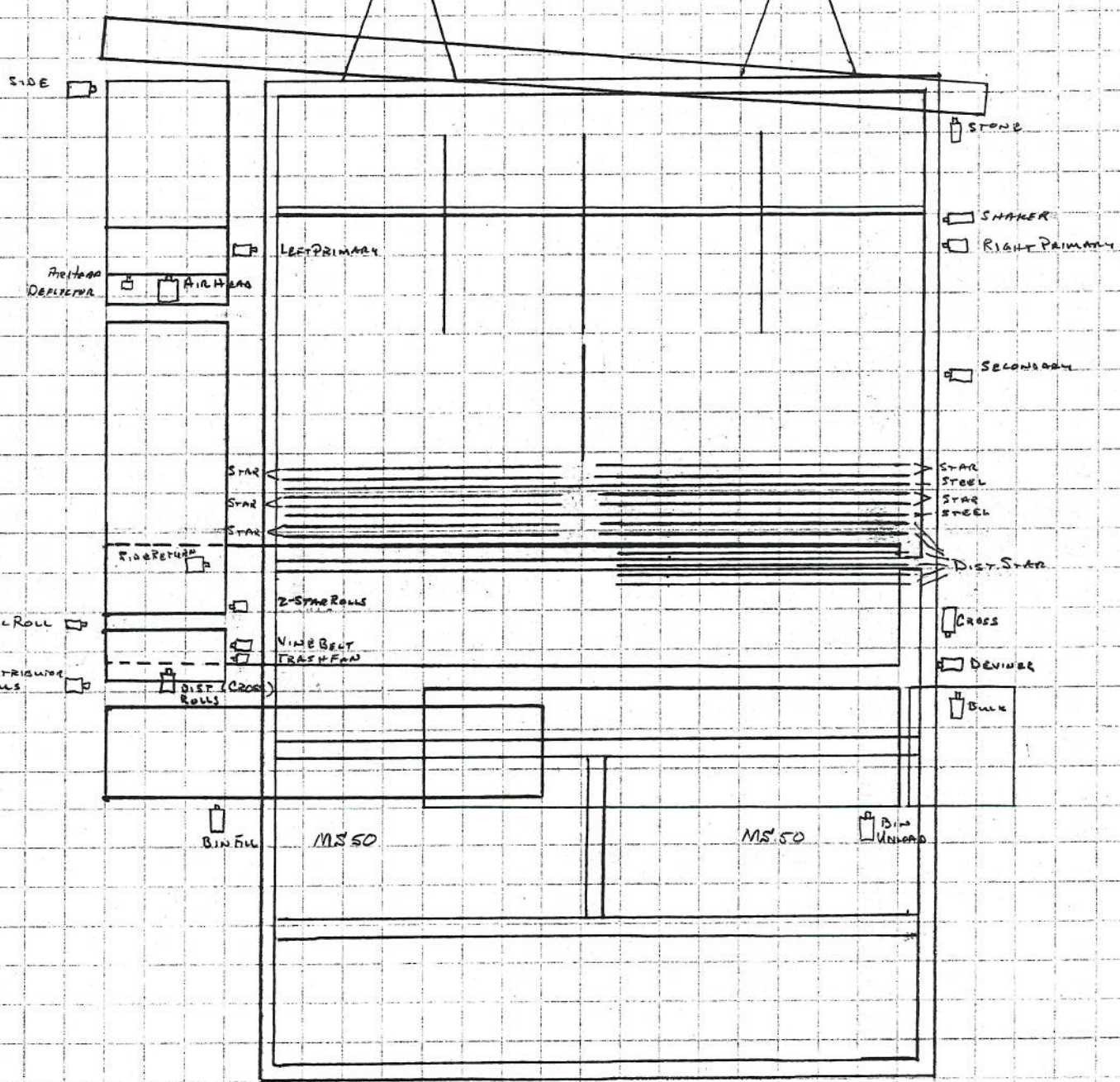
DENNER  
112-1058  
2B-006-5162  
FPS5-314NPT

Bulk  
104-1067  
RDRS 112-30  
w/Act

Bin 112-1058  
2B-006-5162  
RDRS w/Act

1/10/07  
 #07016  
 TUPING FARMS  
 4RSPH W/65" TANK-TYPE TABLE  
 ELECTRONIC LEVELING

MS18-2



BIN 50

MS 50

MS 50

BIN 50