

# Flat Panel User Manual

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**SEPTEMBER 2020**





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**Manual:** D012-000000  
**September 2020**



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## TABLE OF CONTENTS

1.0 Introduction .....	1
1.1 Product Description.....	1
2.0 Customer Service.....	1
3.0 Specifications.....	2
4.0 Hazardous Area Safety Methods.....	3
4.1 Division 1: Y-Purge Protection.....	3
4.2 Division 1: X-Purge Protection.....	3
4.3 Division 2: Non-Incendive Protection.....	4
5.0 Pre-Installation Testing.....	5
5.1 Division 1: Y-Purge Testing .....	5
5.1.1 Equipment Required .....	5
5.1.2 Procedure .....	5
5.2 Division 1: X-Purge Testing .....	6
5.2.1 Equipment Required .....	6
5.2.2 Procedure .....	7
6.0 Division 1 Installation .....	8
6.1 PAC-Seal Connection Instructions .....	8
6.1.1 Equipment Required .....	8
6.1.2 Procedure .....	8
6.2 Purge Air Line Connection Instructions for Division 1 Y-Purge Systems .....	9
6.2.1 Equipment Required .....	9
6.2.2 Procedure .....	10
6.3 Purge Air Line Connection Instructions for Division 1 X-Purge Systems .....	10
6.3.1 Equipment Required .....	10
6.3.2 Procedure .....	10
7.0 Start-Up Operation.....	11
7.1 Division 1 Y-Purge Start-Up Operation.....	11
7.2 Division 1 X-Purge Start-Up Operation.....	11
8.0 Operation Notes .....	13
8.1 Division 1 Y-Purge.....	13
8.2 Division 1 X-Purge.....	14
9.0 Trouble-Shooting Guide .....	16
9.1 Division 1 Y-Purge Trouble-shooting .....	16
9.2 Division 1 X-Purge Trouble-shooting .....	18
APPENDIX - FLAT PANEL USER MANUAL .....	19
APPENDIX A – Workstation/PC Drawing List .....	20
APPENDIX B – Monitor/Display Drawing List .....	21
APPENDIX C – X-Purge Drawing List .....	22-23
APPENDIX D – Y-Purge Drawing List .....	24-25
<b>APPENDIX E – Flat Panel Drawing Library.....</b>	<b>E1-E58</b>

### REVISIONS



## 1.0 Introduction

This manual is a comprehensive overview of the Flat Panel Series Displays manufactured by Daisy Data Display, Inc.

### 1.1 Product Description

This manual reviews procedures for installing and operating many Flat Panel Series units. In addition to the setup instructions and diagrams in this manual, Daisy provides a detailed overview of the methods used to ensure that the electronic systems are safe for hazardous areas.

Should you have any inquiries or concerns, please contact Daisy Data Displays.

## 2.0 Customer Service

All Daisy systems pass detailed quality control configuration and inspection before being shipped. Daisy strives to create the highest quality systems and chooses top quality parts. However, like most electronic devices, units may experience issues over time. Should you experience problems, or have any further inquiries or comments, please contact Daisy's customer service department:

- ✦ Business Phone: (717) 796-9999
- ✦ Fax: (717) 796-9990
- ✦ Email: support@daisydata.com

Equipment returned to Daisy for service must be accompanied by a valid return merchandise authorization (RMA) number. Items or products shipped to Daisy without a valid RMA number will be refused. An RMA will be generated upon receipt of Company Name, Address, Contact, Product Model and Serial Numbers.

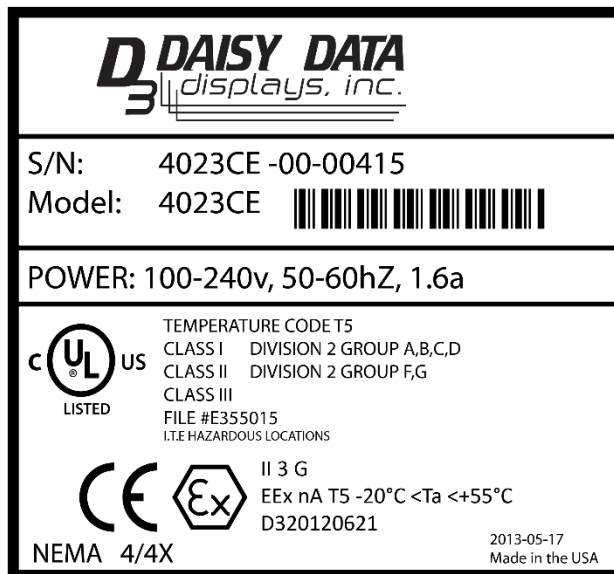


Figure 1 – Typical Daisy Data Product ID Tag

### !! IMPORTANT NOTE ON ORDERING REPLACEMENT PARTS !!

All Daisy Data Display products undergo continual improvement to ensure they meet the myriad of regulatory standards and codes for equipment operating in hazardous environments. These improvements or modifications may affect Daisy Data products already in the field.

With that in mind, as a customer servicing your own product, it is highly recommended that you contact your Daisy Data Display customer service representative to confirm any part or part number you may be looking to replace. Your Daisy representative will ensure you are getting the correct part, or the possible availability of a suitable replacement part to ensure your equipment continues to meet the standards and/or codes originally intended.

3.0 Specifications

**Table 1 – Technical Specifications**

<b>MATERIALS</b>	
All materials comply with NEMA 4X IP66 Standards	
Enclosure and Hardware	Stainless Steel
Explosion-proof I/O Casting	Cast Aluminum (Division 1 X-purge)
Explosion-proof I/O Casting Bolts	Hardened Steel (Division 1 X-purge)
<b>MECHANICAL</b>	
See drawings for dimensions	
<b>ENVIROMENTAL</b>	
Operating Temperature	-17.78° – +29.4° C (0° – +85° F)
Storage Temperature	-17.78° – +60° C (0° – +140°F)
Relative Humidity	5% - 95% RH Non-condensing
<b>ELECTRICAL</b>	
Voltage	120/240 VAC
Frequency	60/50 Hz
Power (Monitors)	60W Maximum
Power (PCs)	360W Maximum
<b>AIR REQUIREMENTS</b>	
NEMA 12 and NEMA 4X	No air required
Division 2 Non-incentive	No air required
Division 1 Y-Purge	150 SCFH Minimum
Division 1 X-Purge	40 SCFH Minimum 300 SCFH Optimum 20 - 60 PSI Recommended at Inlet
<b>DISPLAY</b>	
Resolution Maximum	1024 x 768 (15") 1280 x 1024 (19") 1680 x 1050 (22")
Dot Pitch	0.297mm (15") 0.294mm (19") 0.282 x 0.282mm (22")
Viewable Size	232.664(H) x 308.864mm (V) (15") 376.32(H) x 301.056mm (V) (19") 473.76(H) x 296.1mm (V) (22")
Viewing Angle	*NOTE (See below)
Typical Brightness	15" 350-600 nits 19" 300 nits 22" 300 nits
Color Depth	24 bits

\*Note: Due to frequent technological advances, please contact Daisy for latest model specifications.

## 4.0 Hazardous Area Safety Methods

### 4.1 Division 1: Y-Purge Protection

Y-purge systems are used for installing electrical equipment in Division 1 hazardous areas<sup>1</sup>. By installing a Y-purge on an enclosure in a Division 1 area, the rating inside of the enclosure can be reduced to a Division 2 classification. As a result, less costly Division 2 electronic equipment can be safely used in Division 1 areas.

A Y-purge system provides the protective purge and safe gas flow to the enclosure. This system is controlled by the operator in place of the automatic control provided by X purge systems. To provide more alerts for the operator, the purge system includes alarm contacts, a visible indicator to alert the user and if applicable, an automated control system. This control system is important if pressure is lost within the enclosure, which may be caused by a failure of the protective safe gas flow or of enclosure integrity.

Prior standards required four volumes of air to be circulated through the enclosure. Now, the standards require that the volume of air passed through a given enclosure eliminate any possible flammable concentration of substances within the enclosure (the minimum of four volumes of exchange still applies).

Factory Mutual Class Number 3620 states that when *“concern exists that all compartments may not be purged, purging tests shall be conducted.”* Thus, it is necessary to take into consideration the airflow, pressure, shape of the enclosure and effect of equipment installed within the enclosure.

Please note that DAISY’s systems have been fully tested under the supervision of Factory Mutual to ensure compliance with the standards of FM 3620: 4.2, and include all of the features described above.

<sup>1</sup>See National Electrical Code articles 500-504 and the NFPA 496, section 2-9.

### 4.2 Division 1: X-Purge Protection

X-purge systems are used for installing electrical equipment in Division 1 hazardous areas. By installing an X-purge system on an enclosure in a Division 1 area, the area can then be considered a non-rated environment. As a result, normally rated equipment may be installed within the enclosure (within reasonable limits, such as complying with temperature and power restrictions).

An X-purge system is fully automated. The system not only provides the protective purge and maintains positive pressure, but it also automatically controls the connection and disconnection of power supplies and signal paths. A well-designed X-purge system also automatically controls flow rates, internal pressure regulation, purge timing, and switching of states between purge flow and normal operation.

Please note that DAISY’s systems have been fully tested under the supervision of Factory Mutual to ensure compliance with the standards of FM 3620: 4.2, and include all of the features described above.

#### 4.3 Division 2: Non-Incendive Protection

The NEC defines a non-incendive circuit as *“one other than field wiring, in which any arc or thermal effect produced under intended operating conditions of the equipment is not capable, under specified test conditions, of igniting the flammable gas-air, vapor-air or dust-air mixture.”*

Non-incendive circuit designs do not take component failure into consideration, and therefore have a reduced safety level compared to IS circuit design. They can be worked on while energized without a hot-work permit.

Non-incendive devices can be rated for Division 2 as well as Zone 2 areas without a purge control or other protective device.

**Please note that DAISY’s systems have been fully tested under the supervision of Factory Mutual to ensure compliance and are approved as non-incendive devices for all Division 2 areas.**

\*Part of the NEC definition of Division 2 areas.

## 5.0 Pre-Installation Testing

Before installing your system in its final location, the system should be tested to verify that the purge system is functioning correctly.

**Please note that all pre-installation testing should always be conducted in a safe area.**

### 5.1 Division 1: Y-Purge Testing

#### 5.1.1 Equipment Required

Clean, dry purge air or inert gas supply equipped with local water/oil separator or filter capable of supplying 150 SCFH at 20 - 100 PSI

Fittings and tubing for purge air or inert gas supply (0.25" NPT Male to connect to the inlet of the purge system)

Local air pressure shutoff valve

#### 5.1.2 Procedure

1. Place the unit in a safe area near a source of the purge gas to be used (compressed air line or other inert gas source).
2. Through a cord grip or other cable-sealing device, bring AC power into the enclosure. Be sure that the AC power is off. Connect the AC power temporarily to the Y-purged unit (see drawing E010 or E013 at the end of this manual).
3. Temporarily install a pressure regulator, water/oil separator or filter, shutoff valve, pressure relief valve, and pressure gauge in the purge air or inert gas line (see drawing P002 at the end of this manual.).
4. Bleed the purge air or inert gas line to ensure that dirt, moisture, and other contaminants are cleared from the line prior to connecting the line to the unit.
5. Connect the purge gas line to the inlet of the regulator on the Purge Unit.
6. Apply air or inert gas to the enclosure. The enclosure may "swell" slightly as the internal pressure increases. This is normal and is not a cause for concern. DAISY enclosures are designed to release excess pressure. DO NOT ATTEMPT TO OPEN THE ENCLOSURE WHILE IT IS PRESSURIZED.
7. Turn the control valve to PURGE. Look at the flow meter on the front panel to verify that the flow rate is 150 SCFH. If not, readjust the purge regulator to set the flow to 150 SCFH.
8. If the flow meter does not read 150 SCFH, inspect the enclosure for blockage in the purge gas lines and take appropriate action to clear the blockage. If blockages are not obvious, verify that the purge air or inert gas is clean and dry.
9. Slowly turn the control valve to OPERATE. If the control valve is turned rapidly, the indicator ball in the flow meter may start oscillating. Look at the pressure gauge on the front panel to be certain that the internal pressure is 1.0" of Water Column. If not, reset the adjustment on the exhaust assembly on the so that the pressure gauge reads 1.0" of Water Column.
10. Slowly turn the control valve to PURGE. Make sure that the flow meter reads 150 SCFH. If not, readjust the regulator for 150 SCFH.
11. Slowly return the control valve to OPERATE and apply power to the enclosure. The "Pressure Good" LED should be illuminated green. If not, check the internal pressure, it should be between 0.4" and 10.0" of Water Column. The pressure good led must be illuminated green at this time. If it is not, please consult the factory.

12. If the “Pressure Good” LED is not illuminated green, the internal pressure is below 0.4” Water Column and the alarm is on. Turn the enclosure power off and repeat steps 2 though 6.
13. Keyboard button legend (See Image and Diagram below).

Example image: Button style and location may vary per model.

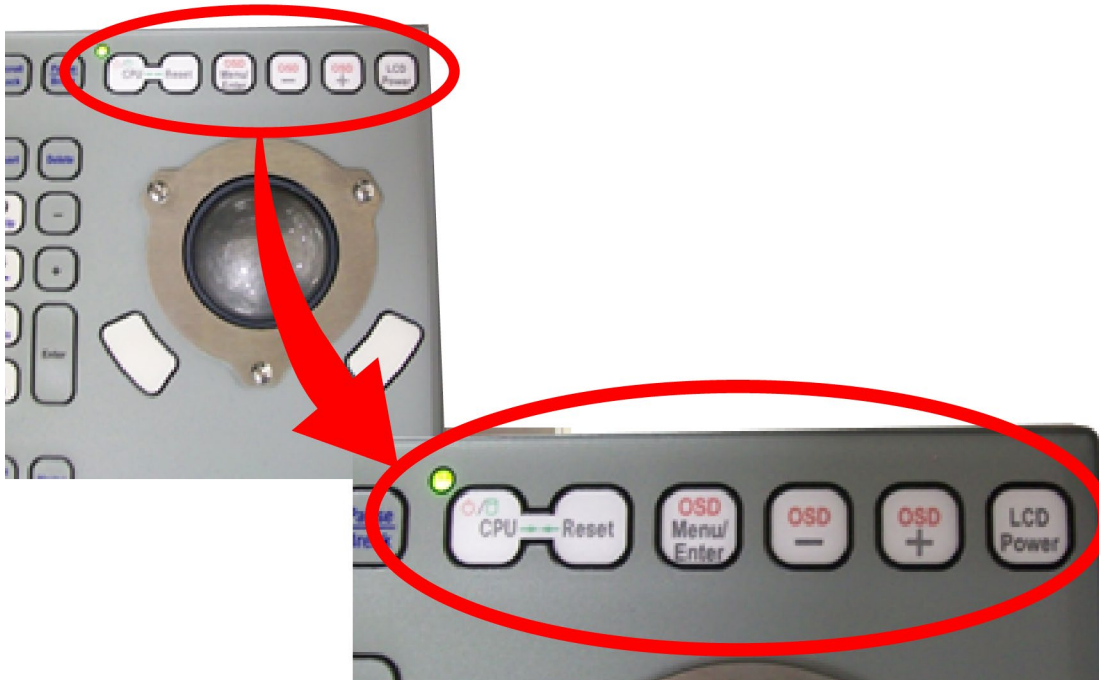


Figure 2 – Keyboard Buttons

Table 2 – Button Functions

Button Label	Control	Function
CPU-Reset	Computer Control	Press both buttons simultaneously to power on and off the computer.
OSD Menu/Enter (On-Screen-Display)	Monitor Settings	Opens the OSD menu and selects/deselects the highlighted item for adjustment.
OSD -	Monitor Settings	Moves through the menu or decreases the value of the selected item.
OSD +	Monitor Settings	Moves through the menu or increase the value of the selected item.
LCD Power	Monitor Power	Turns LCD monitor on and off. Does not affect PC.

## 5.2 Division 1: Y-Purge Testing

### 5.2.1 Equipment Required

- Clean, dry purge air or inert gas supply equipped with local water/oil separator or filter capable of supplying 40 to 300 SCFH at 30 to 60 PSI.
- Fittings and tubing for purge air or inert gas supply (0.25” NPT Male to connect to the inlet of the purge system).
- Local air pressure shutoff valve.
- AC power line (with ground) to pigtails (tinned bare wire, stripped 0.25”), 120V, 10A or 240V, 5A

### 5.2.2 Procedure

1. Place the unit in a safe area near a source of the purge gas to be used (compressed air line or other inert gas source).
14. Temporarily install a pressure regulator, water/oil separator or filter, shutoff valve, pressure relief valve, and pressure gauge in the purge air or inert gas line (see drawing P007).
15. Bleed the purge air or inert gas line to insure that dirt, moisture, and other contaminants are cleared from the line prior to connecting the line to the unit.
16. Connect the purge gas line to the inlet of the regulator on the Purge Unit.
17. Remove the cover of the explosion-proof I/O casting (see drawing P007 at the end of this manual).
18. Connect an AC power line (not plugged into AC power outlet.) to the power interface board (see drawing P008). For connection location and wiring, see drawing E017.
19. Close all access doors and covers.
20. Apply purge gas to the system by opening the shutoff valve (if installed). Adjust the pressure regulator on the air-in box (see drawing P008) so that the pressure gauge indicates 35 PSI.
21. Apply AC power to the unit.
22. Once the pressure inside the unit reaches 1.0" Water Column and at least 40 SCFH, the Purge Status LED will illuminate yellow, indicating that it is purging. If the purge status indicator does not turn yellow, inspect the unit for leakage. The gasketed panels can be checked with a soap solution. If leaks are not obvious, verify that the purge air or inert gas is clean and dry and that the pressure at the inlet is 35 PSI.
23. DO NOT ATTEMPT TO OPEN THE ENCLOSURE WHILE IT IS PRESSURIZED.
24. Note the reading on the Pressure Gauge while slowly turning the Air Input Regulator up until the purging process stops and the Purge Status LED flashes red with an error code of 2 – 2 (over pressure) or 3 –2 (overflow).
25. Remove AC power from the enclosure for a minimum of 30 seconds. Decrease the pressure reading on the pressure gauge by 5 PSI. This change may vary slightly on some units; if in later testing the unit fails with an overflow error (3-2 blink code), decrease the inlet pressure by another 2 PSI. Note this pressure for use during start-up.
26. Re-apply AC power. The Purge Status LED will illuminate yellow. The system should purge for a minimum of 8 minutes. The time will vary according to the flow rate of the air into the enclosure; lower flow rates will result in a longer purge time.
27. After the purge is complete, the Purge Status indicator will illuminate green. AC power is now applied to the internal electronics so you should be able to power on the display or PC
28. If the purge status light blinks red, one of several possible errors has been detected. Please refer to Table 2 on page 19 for an explanation of the possible error codes.

## 6.0 Division 1 Installation

### 6.1 PAC-Seal Connection Instructions

A conduit seal is necessary for most equipment enclosures in hazardous areas. For Y-purge and X-purge systems, they are always required. Please consult your local code for other circumstances.

The sealing compound generally used for PAC-seals is an inorganic, chemically setting, magnesium oxide base material. This compound develops a slight expansion, while hardening into a porcelain-like body. A powder sealing compound is supplied and should only be mixed with water for application.

The sealing compound powder has a shelf life of six months when stored in unopened, tightly sealed containers in a dry location at 70°F. Any equipment accidentally splashed with sealing compound should be cleaned with soap and water before the sealing compound cures. Approximately one ounce of sealing compound is needed per cubic inch of space to be filled.

Please note to always follow all NEC, NFPA, and local codes when installing conduit and PAC-seals in hazardous areas. All knowledgeable personnel, familiar with national and local codes, must supervise hazardous area equipment installations. In Europe your equipment will most likely be installed with cable and cable glands. Refer to EN 60079-14:2003 and local codes when applicable.

#### 6.1.1 Equipment Required

- Four PAC-Seal fittings, 1" NPT or 0.75" NPT for the Y-Purge, 0.75" NPT only for the X-Purge (2 for conduit connection at the enclosure or I/O casting, 2 for connection in the safe area), or sealing conduits. The PAC Seal and conduit size selected will depend on the size and number of conductors, which must be run to the unit. Check the NEC tables (Chapter 9, Table 4) to determine the conduit size necessary
- Conduit for electrical signals and for electrical power (separate runs), NEC and NFPA approved for use in hazardous areas
- NEC and NFPA approved flexible conduit if needed for difficult installations
- Fittings as required for permanent conduit installation NEC and NFPA approved for use in hazardous areas
- Signal cables, power cables, and connectors as required to mate with the equipment within the enclosure or cast aluminum box
- AC power switch for use in the safe area

#### 6.1.2 Procedure

1. Threaded surfaces and pour locations should be cleaned with soap and water and thoroughly dried before proceeding.
2. On a Y-purge system, no entryway is provided by DAISY for power and signal conduits. These entries must be made by the end user. Select a point on the enclosure that matches well with the location of the incoming conduit. Be careful to ensure that the point you have selected is free from obstructions within the DAISY enclosure. Being careful to protect the internal electronics, air pathways, and keyboard surface from filings and other debris, drill or punch holes for the installation of the PAC-Seal fitting (1" NPT or 0.75" NPT, depending on application) in the wall of the enclosure.
3. Install two conduit runs (one signal, one power) between the enclosure (Y-Purge) or the I/O casting (X-Purge) and AC power source (located in a safe area or in an explosion-proof box). See drawing P002 or P007 at the end of this manual.



4. Shake the sealing compound powder well before mixing with water. The recommended mix ratio is 5 parts powder to 1-part clean water, by weight. Place 70°F water into a clean mixing container and gradually add powder to water while mixing. Continue mixing until a uniform consistency is obtained. Mixing may be done with a slow-speed mixer or by hand with a spatula. The minimum amount of water (as specified above) should be used as excess water reduces mechanical strength, increases shrinkage, and delays set time. Failure of the cement to adhere indicates setting has begun, discard cement, do not attempt to re-temper by adding more water.
5. The compound may be applied by pouring, casting, or mechanical dispenser. The sealing compound hardens with an internal chemical-setting action in 18 to 24 hours at ambient temperature. Working time of the sealing compound when the powder is mixed with water is approximately 30 minutes at 70°F. If accelerated curing is desired, low temperature oven drying at 180°F can be used. Do not expose the sealing compound to higher temperatures, constant water immersion, or steam environments while curing. If high humidity resistance is required in the cured product, a moisture-resistant lacquer or silicone coating should be applied to the exposed surfaces.
6. The packing fiber is made from an environmentally safe, non-asbestos material. It is easy to use and forms a positive dam to hold the compound. The fiber is placed around each individual wire or cable at both ends of the cavity for horizontal pouring in the PAC Seal so that the Sealing Compound can encapsulate each completely. For vertical pouring, the packing fiber need only be placed at one end. See drawing P002 at the end of this manual.
7. We recommend a special blend of lubricants, LUBT-2, for use with threaded joints. This lubricant is to be used to prevent galling of the pipe threads when threaded into a coupling, junction box, etc. It ensures a quick release and undamaged male and female threads when parts are disassembled. The thread lubricant is high quality lubricant to be used in temperatures ranging from -40° to +50° F. It is recommended for use in a hazardous location. The PAC Seal Compound, packing fiber and LUBT-2 are available from Killark at <http://www.killark.com/>.
8. For enhanced reliability of the unit, install an AC line conditioner. AC power lines should be no smaller than 14 gauge and have a TRUE EARTH GROUND.

### 6.2 Purge Air Line Connection Instructions for Division 1 Y-Purge Systems

This section applies to the following models: 2513, 2516, 2518, 2613, 2616, 2618, 4513, 4516, 4518, 4613, 4616 and 4618.

After the unit has been mounted in its final location in the hazardous area, it must be permanently connected to a purge air or inert gas line and checked for leaks and proper operation of the purge/pressurization system. Only when its pressure integrity has been established should electrical signals and power be brought "live" to the unit.

Please note to always follow all NEC, NFPA, and local codes when installing conduit and PAC-seals in hazardous areas. All knowledgeable personnel, familiar with national and local codes, must supervise hazardous area equipment installations.

#### 6.2.1 Equipment Required

- Clean, dry purge air or inert gas supply equipped with local water/oil separator or filter capable of supplying 150 SCFH at 20 - 100 PSI

- Fittings and tubing for purge air or inert gas supply (0.25" NPT Male to connect to the inlet of the purge system)
- Local air pressure shutoff valve

### 6.2.2 Procedure

1. Mount the enclosure in the location in which it will be installed. This must be near the source of air or inert gas to be used for the purge system.
2. Install the pressure regulator, water/oil separator or filter, shutoff valve, pressure relief valve, and pressure gauge in the purge air or inert gas line (see drawing P002).
3. Bleed the purge air or inert gas line to insure that dirt, moisture, and other contaminants are cleared from the line prior to connecting the line to the unit.
4. Connect the line to the inlet of the regulator on the Purge Unit.
5. Apply air or inert gas to the enclosure. The enclosure may "swell" slightly as the internal pressure increases. This is normal and is not a cause for concern. DAISY enclosures are designed to release excess pressure. **DO NOT ATTEMPT TO OPEN THE ENCLOSURE WHILE IT IS PRESSURIZED**

## 6.3 Purge Air Line Connection Instructions for Division 1 X-Purge Systems

This section applies to the following models: 2563, 2566, 2568, 2663, 2666, 2668, 4563, 4566, 4568, 4663, 4666 and 4668.

After the unit has been mounted in its final location in the hazardous area, it must be permanently connected to a purge air or inert gas line and checked for leaks and proper operation of the purge/pressurization system. Only when its pressure integrity has been established should electrical signals and power be brought "live" to the unit.

*Please note to always follow all NEC, NFPA, and local codes when installing conduit and PAC-seals in hazardous areas.*

All knowledgeable personnel, familiar with national and local codes, must supervise hazardous area equipment installations.

### 6.3.1 Equipment Required

- Clean, dry purge air or inert gas supply equipped with local water/oil separator or filter capable of supplying 40 to 300 SCFH at 30 to 60 PSI.
- Fittings and tubing for purge air or inert gas supply (0.25" NPT Male to connect to the inlet of the purge system).
- Local air pressure shutoff valve.

### 6.3.2 Procedure

1. Mount the enclosure in the location in which it will be installed. This must be near the source of air or inert gas to be used for the purge system.
2. Install the pressure regulator, water/oil separator or filter, shutoff valve, pressure relief valve, and pressure gauge in the purge air or inert gas line (see drawing P007 at the end of this manual).
3. Bleed the purge air or inert gas line to ensure that dirt, moisture, and other contaminants are cleared from the line prior to connecting the line to the unit.
4. Connect the purge gas line to the inlet of the regulator on the Purge Unit.
5. The PAC-Seals bringing the power and signals to the explosion-proof I/O casting should already be installed. Connect the signal lines to the interlock system (see drawings E018, E019, E022, E025, and E016).

6. Ensure that the power to the AC supply lines is disconnected. Connect the power line(s) to the X-purge system (see drawing E017).
7. If the area can be made safe, you may want to test your connections before closing the explosion-proof I/O casting. If you test the system in place, it is VITAL that you ENSURE THAT THE AREA IS SAFE during the test and FOLLOW ALL APPLICABLE SAFETY PROCEDURES for “hot work” in a hazardous area. You can test connections without purging by holding down the “Bypass Purge” button (see drawing E020) while applying power; you must release the button within 30 seconds of power application to prevent a diagnostic error. When the button is released, power and signals are immediately “live” to the system; you can test operation to make sure that the connections have been made correctly. Disconnect power IMMEDIATELY upon completion of this test to ensure that the unit is not erroneously operated in bypass mode.
8. When the signal and power connections are complete, replace the cover on the I/O casting and secure with the supplied 14 hex-head bolts. Torque these bolts to 7.5 ft. lbs.

### 7.0 Start-Up Operation

#### 7.1 Division 1 Y-Purge Start-Up Operation

1. When the air, signal, and power connections are complete, replace and close all access doors and covers.
2. Turn the Control valve to PURGE. Look at the Flow Meter on the front panel to verify that the flow rate is 150 SCFH. If not, readjust the Purge Regulator to set the flow to 150 SCFH.
3. If the Flow Meter does not read 150 SCFH, inspect the enclosure for blockage in the purge gas lines and take appropriate action to clear the blockage. If blockages are not obvious, verify that the purge air or inert gas is clean and dry.
4. Slowly turn the Control Valve to OPERATE. If the Control Valve is turned rapidly, the ball in the Flow Meter may start oscillating. Look at the pressure gauge on the front panel to be certain that the internal pressure is 1.0” of Water Column. If not, reset the adjustment on the exhaust assembly on the so that the pressure gauge reads 1.0” of Water Column.
5. Slowly turn the Control Valve to PURGE. Make sure that the Flow Meter reads 150 SCFH. If not, readjust the regulator for 150 SCFH.
6. After a 10-minute purge cycle, slowly turn the control valve to OPERATE.
7. Apply power to the enclosure. The Pressure Good LED should be illuminated green. If not, check the internal pressure: it should be between 0.4” and 10.0” of Water Column. The pressure good led must be illuminated green at this time. If it is not, please consult the factory.
8. If the Pressure Good LED is not illuminated green, the internal pressure is below 0.4” Water Column and the Alarm is on. Turn power off to the enclosure and repeat steps 2 through 6.

#### 7.2 Division 1 X-Purge Start-Up Operation

1. When the air, signal, and power connections are complete, replace and close all access doors and covers.
2. Apply AC power. The Purge Status LED will illuminate red. Power is now applied though the Intrinsic Safety Barriers to the purge/pressurization control circuits only.
3. Apply purge gas to the system by opening the shutoff valve (if installed). If the pre-installation test has been performed, the air-in pressure regulator will be preset – you should begin the start-up process at the pressure noted during testing. Otherwise, adjust the pressure regulator on the air-in box (see drawing P008) so that the pressure gauge indicates 35 PSI.

4. Once the pressure inside the unit reaches 1.0" Water Column and at least 40 SCFH, the Purge Status LED will illuminate yellow, indicating that it is purging. If the purge status indicator does not turn yellow, inspect the unit for leakage. The gasketed panels can be checked with a soap solution. If leaks are not obvious, verify that the purge air or inert gas is clean and dry and that the pressure at the inlet is 35 PSI (or, if a pre-installation test was completed, at the pressure noted during that test).
5. DO NOT ATTEMPT TO OPEN THE ENCLOSURE WHILE IT IS PRESSURIZED.
6. If the pre-installation test was completed and the unit appears to be functioning correctly within the same parameters as during the test, you may skip the remaining steps of this procedure.
7. Note the reading on the Pressure Gauge while slowly turning the Air Input Regulator until the Purge Status LED flashes red with an error code of 2 – 2 (over pressure) or 3 –2 (over flow).
8. Remove AC power from the enclosure for a minimum of 30 seconds. Decrease the pressure reading on the pressure gauge by 5 PSI. This change may vary slightly on some unit; if the unit fails during purging with an over flow error (3-2 blink code), decrease the inlet pressure by another 2 PSI.
9. Re-apply AC power. The Purge Status LED will illuminate yellow. The purge time is set for a minimum of 8 minutes. The time will vary according to the flow rate of the air into the enclosure.
10. After the purge is complete, the Purge Status indicator will illuminate green. AC power is now applied to the internal electronics and the signal relays are closed.
11. If the purge status light blinks red, one of several possible errors has been detected. Please refer to Table 2 on page 21 for an explanation of the possible error codes.

## 8.0 Operation Notes

### 8.1 Division 1 Y-Purge

When using a Y-purge system, it is the operator’s responsibility to disconnect power and signal paths in the event of a purge failure if the pressure in the unit falls below a preset level.

DAISY units are equipped with both an indicator light (the “Pressure Good” LED shown on drawing P008) and an internal pressure meter (shown on the same drawing). If the “Pressure Good” indicator is extinguished, or if the internal pressure meter is in the red zone below 1” of water column, the operator should immediately disconnect power and signal connections to the unit using switches in a safe area.

DAISY’s Y-purge systems are also equipped with alarm contacts that switch state simultaneously with the “Pressure Good” indicator. These can be connected to an alarm system or supervisory control system to provide further indications to the operator and/or the supervisory system. The operation of the alarm contacts and the “Pressure Good” indicator light is detailed in the flowchart shown.

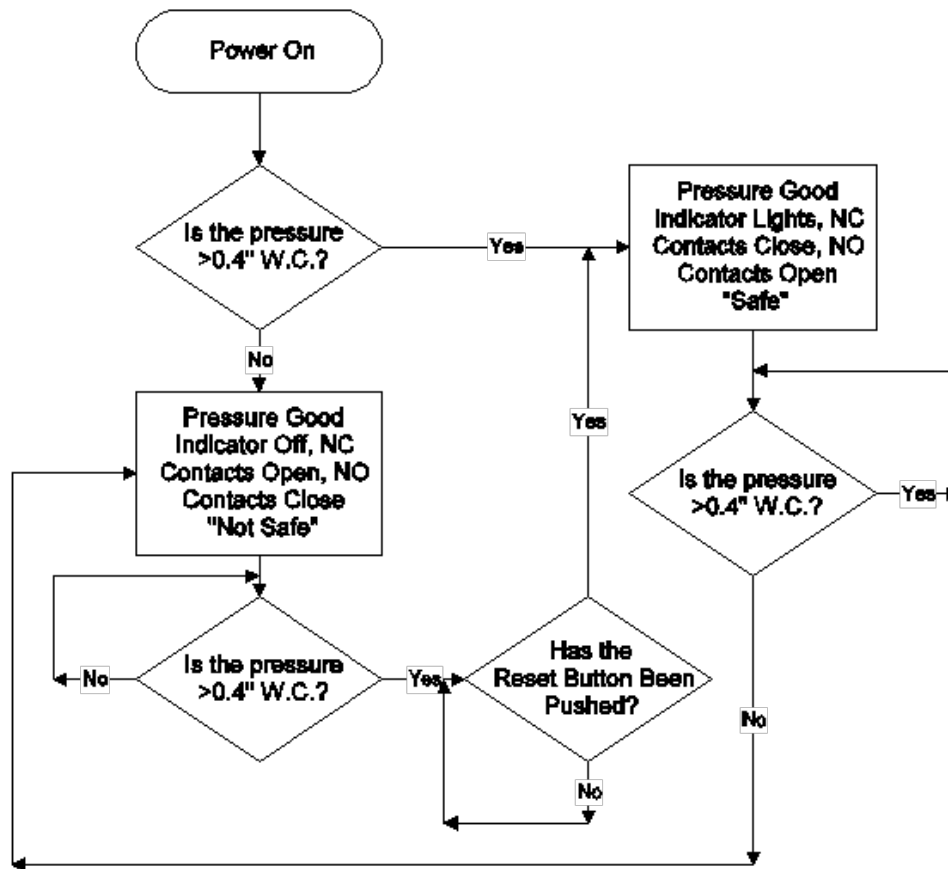


Figure 3 – Y-Purge Alarm Logic

Table 3 – Y-Purge Alarm and Indicator States

Power is	Pressure is	NC1 & NC2 are	NO1 & NO2 are	Pressure Good LED
Off	< 0.4" W.C.	Closed	Open	Off
Off	> 0.4" W.C.	Closed	Open	Off
On	< 0.4" W.C.	Open	Closed	Off
On	> 0.4" W.C.	Closed	Open	On

## 8.2 Division 1 X-Purge

X-purge systems are fully automatic. The system safely disconnects power and signal paths in the event of a purge failure.

The DAISY purge control also performs automatic self-diagnostics and can report other errors. Table 2 details both the normal conditions and the errors (fatal and non-fatal) that are reported by the purge status LED (see drawing P008, indicated by note 9).

Please note that blink codes can be read in forward or reverse; that is, code 2-3 is the same as code 3-2. A “0” in the code column indicates steady (non-blinking) light. The status column indicates the nature of the information being given: “informative” is simply a status indication and no action needs to be taken, “non-fatal” is a condition that can be corrected and operation will then proceed normally, and “fatal” are errors that require that the purge system be shut down before correcting the problem and restarting the purge cycle.

**Table 4 – X-Purge Status Light Key**

Color	Code	Meaning	Status	Recommended Action
Green	0	Operate, purge complete	Informative	n/a
Yellow	0	Purge in progress	Informative	n/a
Yellow	1-1	Minor overflow	Non-fatal	Turn the air in regulator down a few PSI.
Red	0	Waiting to begin purge	Non-fatal	Turn the purge gas supply on. If it is on, the enclosure may not be developing enough internal pressure – make sure all doors and access panels are closed. Also, the air inlet pressure may not be high enough – try turning the regulator up.
Red	1-1	System Error	Fatal	Contact DAISY customer service (see section 7 Customer Service on page 22 in this manual).
Red	2-1	Under pressure	Fatal	Loss of pressure is usually due to a door being opened or failure of the purge gas supply. Check both.
Red	2-2	Over pressure	Fatal	Turn the air inlet regulator down at least 5 PSI. Repeat until purge will complete without error. If problems continue, or occur during operation, contact DAISY customer service (see section 7 Customer Service on page 22 in this manual).
Red	3-2	Major overflow	Fatal	Turn the air inlet regulator down at least 5 PSI.

Color	Code	Meaning	Status	Recommended Action
Red	3-3	Water detected	Fatal	This should only occur if a water sensor option is installed. If it is installed, the unit must be opened and dried completely out. Ensure that no water remains in the unit and that there is no damage to the internal components resulting from the water. In case of serious water incursion, DO NOT ATTEMPT TO REAPPLY POWER TO THE EQUIPMENT; the equipment should be returned to DAISY for evaluation.
Red	4-1	Faulty pressure sensor	Fatal	A purge system component has failed. Please contact DAISY customer service (see section 7 Customer Service on page 22 in this manual).
Red	4-2	Faulty flow sensor	Fatal	A purge system component has failed. Please contact DAISY customer service (see section 7 Customer Service on page 22 in this manual).
Red	4-3	Short purge switch is stuck	Fatal	The “Short Purge” switch on the DIP switch mounting board (see drawing E020) is either shorted or stuck, or the operator has held it down too long while beginning a test. Ensure that there is nothing holding the switch closed or shorting the circuit. If you continue to experience problems, contact DAISY customer service (see section 7 Customer Service on page 22 in this manual).
Red	4-4	Bypass purge switch is stuck	Fatal	The “Bypass Purge” switch on the DIP switch mounting board (see drawing E020) is either shorted or stuck, or the operator has held it down too long while beginning a test. Ensure that there is nothing holding the switch closed or shorting the circuit. If you continue to experience problems, consult DAISY contact DAISY customer service (see section 7 Customer Service on page 22 in this manual).

## 9.0 Trouble-Shooting Guide

### 9.1 Division 1 Y-Purge Trouble-shooting

**Table 5 – Division 1 Y-Purge Trouble-shooting**

PROBLEM	POSSIBLE CAUSE	SUGGESTED SOLUTION
The flow cannot be adjusted up to 150 SCFH during purge	Improper flow meter reading	For correct operation, the purge unit must be mounted vertically so that the flow meter is vertically plumb
	Improper regulator adjustment	Adjust the air inlet regulator to increase air supply
	The purge control is not set to purge	Check the position of the control valve to ensure that it is set to "Purge"
	Insufficient air supply	Check your purge gas supply to ensure that it can supply 150 SCFH. If you cannot achieve 150 SCFH, then purge times must be recalculated. Contact DAISY customer service for assistance.
	Restrictions in the air supply line	Check your air supply line for blockages and kinks
	Contamination in the air supply	Ensure that the purge gas supply is clean, dry, and free of oil – a water/oil separator should be installed near the connection to the purge control
	Restrictions in the purge line from the purge control into the enclosure	Ensure that the purge line from the purge control into the enclosure is not kinked, has no internal obstructions, and is unrestricted at its open end (at least 0.5" from any object in the path of the air flow)
During operation (control valve set to "Operate"), the internal pressure does not reach/will not maintain 1" of water column	The enclosure is not sealed and is leaking	Ensure that all access doors are closed and latched. Ensure that all access panels are closed and sealed. Make sure no unsealed holes or openings are present in the enclosure.
	Insufficient air flow	Adjust the regulator on the purge control to increase the air flow
	PAC-Seals are not poured	PAC-Seals must be poured in conduits entering the enclosure to prevent air from escaping via the conduit entry. Ensure that this has been done.
	Exhaust control valve setting incorrect	Adjust the purge control exhaust valve for a higher internal pressure.



PROBLEM	POSSIBLE CAUSE	SUGGESTED SOLUTION
		It may take several minutes for adjustments to this setting to take effect.
During operation (control valve set to "Operate"), the internal pressure does not reach/will not maintain 1" of water column	Restrictions in the air connections	Ensure that the air connection at the regulator is not kinked, has no obstructions, and is firmly connected.
The "Pressure Good" indicator does not light when the unit is powered	Incorrect power-up sequence	Power should only be applied to the enclosure after the internal pressure has reached 1" of water column or higher and when the full purge time has elapsed
	Insufficient internal pressure	The pressure within the enclosure must be within the operating (or "safe") range. If you are having trouble maintaining a suitable pressure, see the previous section of this trouble-shooting guide.
	Alarm board is not receiving power	Ensure that AC power has been connected to the unit, and that the power is turned on
	Voltage is set incorrectly	Ensure that the 120/240 VAC switch on the alarm board is set appropriately for your power source

## 9.2 Division 1 X-Purge Trouble-shooting

Table 6 – Division 1 X-Purge Trouble-Shooting

PROBLEM	POSSIBLE CAUSE	SUGGESTED SOLUTION
When power is applied, the purge status indicator light does not come on	Power is not connected to the unit	Connect AC power to the power connection on the purge system. Ensure that the power switch is on. Ensure that AC power is on.
	Improper line voltage selection	Ensure that the 120/240 VAC switch on the purge control is set appropriately for your power source.
After power is applied, the purge status indicator stays solid red; it does not switch to yellow or blink	No air supply to unit	Ensure that a purge gas line is connected to the unit and that the supply line is "on." The pressure gauge on the air-in box should indicate a higher pressure than 20 PSI
	Restrictions in air line	Ensure that supply line and inlet connect have no restrictions and that the supply line is not kinked
	Restrictions in main purge line inside enclosure	Ensure that the main purge line (terminating in a brass tee fitting) is not kinked or disconnected
	Leaks in the enclosure	Ensure that all access doors are closed and latched. Ensure that all access panels are closed and sealed. There should be no holes or openings in the enclosure.
The purge status indicator is yellow, but the enclosure takes an excessively long time to complete the purge (when the status indicator turns green)	Low purge gas supply pressure	Increase purge gas inlet pressure at the air-in regulator or on the main supply line
	Restriction in the main purge line	Ensure that the main purge line within the enclosure (ending in a brass tee fitting) is not kinked or obstructed
Purge status indicator flashes yellow and purge takes an excessively long time to complete.	Low purge gas supply pressure	Increase purge gas inlet pressure at the air-in regulator or on the main supply line
Purge or operation stops, and purge status indicator flashes red code	Fatal purge error	See Table 2

# **FLAT PANEL USER MANUAL APPENDIX**

APPENDIX A – Workstation/PC Drawing List

APPENDIX B – Monitor/Display DrawingList

APPENDIX C – X-Purge Drawing List

APPENDIX D – Y-Purge Drawing List

**APPENDIX E – Flat Panel Drawing Library**

## APPENDIX A - WORKSTATION/PC DRAWING LIST

### 4300 SERIES WORKSTATIONS

MODEL	MODEL DESCRIPTION	DRAWING TYPE	DRAWING NO.
4300	Flat Panel Integrated PC on screen display	Keypad Layout	E097
4320	Div. 2 non-incendive integrated (15", 19", 22") flat panel PC	Mechanical/mounting Drawing	M007
		Conduit & Cable Entry Drawing	P001
4326	Div. 2 non-incendive integrated 19" flat panel PC	Electrical Block Diagram Drawing	E102
4328	Div. 2 non-incendive integrated 22" flat panel PC	Electrical Block Diagram Drawing	E103
4350	NEMA 4X (15", 19, 22") flat panel integrated PC	Mechanical/mounting Drawing	M006
		Conduit & Cable Entry Drawing	P001
4356	NEMA 4X 19" Flat Panel Integrated PC electrical block diagram	Electrical Block Diagram Drawing	E102
4358	NEMA 4X 22" Flat Panel Integrated PC electrical block diagram	Electrical Block Diagram Drawing	E103

### 4500 SERIES WORKSTATIONS

MODEL	MODEL DESCRIPTION	DRAWING TYPE	DRAWING NO.
4500KP	Non-integrated panel-mount flat panel PC w/ Keypad	28-Keypad Layout	E086
		On-screen Keypad Layout	E097
4520KP	Div.2 non-incendive non-integrated flat panel PC w/ keypad	mechanical/mounting drawings	M019
		conduit and cable entry drawings	P001
4526KP	Div.2 non-incendive non-integrated 19" flat panel PC w/ keypad	electrical block diagram	E102
4528KP	Div.2 non-incendive non-integrated 22" flat panel PC w/ keypad	electrical block diagram	E103
4550KP	NEMA4X non-integrated panel-mount PC	Mechanical/mounting Drawings	M018
		Conduit & Cable Entry Drawing	P001
4553KP	NEMA4X non-integrated panel-mount 15" flat panel PC w/ keypad	Mechanical/assembly Drawing	M018
4556KP	NEMA4X non-integrated panel-mount 19" flat panel PC w/ keypad	Electrical Block Diagram Drawing	E102
		Mechanical/assembly Drawing	M018
4558KP	NEMA4X non-integrated panel-mount 22" flat panel PC w/ keypad	Electrical Block Diagram Drawing	E103
		Mechanical/assembly Drawing	M018
4576AA	NEMA4X non-incendive non-integrated 19" panel-mount PC	Electrical Block Diagram Drawing	8996

### 4700 SERIES WORKSTATIONS

MODEL	MODEL DESCRIPTION	DRAWING TYPE	DRAWING NO.
4723	Div.2 non-incendive 15" slope top PC electrical block diagram	Electrical Block Diagram Drawing	8991
4723KB	Div.2 non-incendive 15" slope top PC w/Keyboard	Electrical Block Diagram Drawing	8991
4726	Div.2 non-incendive 19" slope top PC	Electrical Block Diagram Drawing	8993
4726KB	Div.2 non-incendive 19" slope top PC w/Keyboard	Electrical Block Diagram Drawing	8993
4753KB	NEMA 4X integrated 15" slope top PC w/keyboard	Electrical Block Diagram Drawing	8987
4756KB	NEMA 4X integrated 19" slope top PC w/keyboard	Electrical Block Diagram Drawing	8988

## APPENDIX B - MONITOR/DISPLAY DRAWING LIST

### 2500 SERIES WORKSTATIONS

MODEL	MODEL DESCRIPTION	DRAWING TYPE	DRAWING NO.
2500KP	Non-integrated panel-mount monitor w/keypad	Keypad Layout	E 086
2520KP	Div.2 non-incendive non-integrated panel mount (15", 19", 22") display w/ keypad	Electrical Connection Drawing	E003
		Mechanical/mounting Drawing	M019
		Conduit & Cable Entry Drawing	P001
2523KP	Div.2 non-incendive non-integrated panel mount 15" display w/ keypad	Electrical Block Diagram	E100
2550KP	NEMA4X non-integrated panel mount (15", 19", 22") display w/ keypad	Electrical Connection Drawing	E003
		Mechanical/mounting Drawing	M018
		Conduit & Cable Entry Drawing	P001
2553KP	NEMA4X non-integrated panel mount 15" display w/ keypad	Electrical Block Diagram	E100
		Mechanical Assembly Drawings	M018
2556KP	NEMA4X non-integrated panel mount 19" display w/ keypad	Mechanical Assembly Drawings	M018
2558KP	NEMA4X non-integrated panel mount 22" display w/ keypad	Mechanical Assembly Drawings	M018
2573	NEMA4X non-incendive non-integrated panel-mount 15" monitor	Electrical Block Diagram	E001
		Mechanical Assembly Drawings	M001
2576	NEMA4X non-incendive non-integrated panel-mount 19" monitor	Electrical Block Diagram	E098
		Mechanical Assembly Drawings	M001
2576AA	NEMA4X non-incendive non-integrated panel-mount 19" monitor	Electrical Block Diagram	8997
2578	NEMA4X non-incendive non-integrated panel-mount 22" monitor	Mechanical Assembly Drawings	E099
		Mechanical Assembly Drawings	M001

### 2600 SERIES WORKSTATIONS

MODEL	MODEL DESCRIPTION	DRAWING TYPE	DRAWING NO.
2600	NEMA4X Integrated keyboard monitor	Keypad Layout	E097
2620	Div. 2 non-incendive integrated keyboard monitor	Electrical Connection Drawing	E003
		Mechanical/mounting Drawing	M007
		Conduit & Cable Entry Drawing	P001
2623	Div. 2 non-incendive integrated keyboard 15" monitor	Electrical Block Diagram	E101
2650	NEMA 4X integrated keyboard monitor	Electrical Connection Drawing	E003
		Mechanical/mounting Drawing	M006
		Conduit & Cable Entry Drawing	P001
2653	NEMA 4X integrated keyboard 15" monitor	Electrical Block Diagram	E101

### 4300 SERIES WORKSTATIONS

MODEL	MODEL DESCRIPTION	DRAWING TYPE	DRAWING NO.
2723KB	Div. 2 non-incendive integrated panel-mount slope top 15" monitor w/ keyboard	Electrical Block Diagram	8990
2726KB	Div. 2 non-incendive integrated panel-mount slope top 19" monitor w/ keyboard	Electrical Block Diagram	8989
2753	NEMA4X flat panel integrated slope top 15" monitor	Electrical Block Diagram	8985
2756	NEMA4X flat panel integrated slope top 19" monitor	Electrical Block Diagram	8984

## APPENDIX C - X-PURGE DRAWING LIST

### 2000 SERIES X-PURGE MONITOR/DISPLAY DRAWINGS

MODEL	MODEL DESCRIPTION	DRAWING TYPE	DRAWING NO.
2560KP	Div. 1 X-Purge flat panel (15", 19", & 22") display	Signal Switching Board & Internal Signal Interface Board Connection Drawing	Chart
		Electrical Block Diagram Drawing	E016
		Power Interface Board Item Location Drawing	E017
		Signal Switching Board Item Location Drawing	E018
		Internal Signal Interface Board Item Location Drawing	E019
		DIP Switch Mounting Board Item Location Drawing	E020
		Purge Control Board Item Location Drawing	E021
		Remote Enclosure Connections Drawing	E022
		Mechanical/mounting Drawing	M010
		Cable & Conduit Enclosure Entry Location Drawing	P007
2566KP	Div. 1 X-Purge flat panel 19" display w/keypad	Electrical Block Diagram Drawing	E126
		Signal Switching Board & Internal Signal Interface Board Connection Drawing	Chart
		Electrical Block Diagram Drawing	E016
		Power Interface Board Item Location Drawing	E017
		Signal Switching Board Item Location Drawing	E018
		Internal Signal Interface Board Item Location Drawing	E019
		DIP Switch Mounting Board Item Location Drawing	E020
		Purge Control Board Item Location Drawing	E021
		Remote Enclosure Connections Drawing	E022
		Mechanical/mounting Drawing	M011
2660	Div. 1 X-Purge integrated flat panel (15", 19", & 22") display	Cable & Conduit Enclosure Entry Location Drawing	P007
		Front Panel Item Location Drawing	P008
		Back Panel Item Location Drawing	P009
		Pneumatic Block Diagram Drawing	P010

## APPENDIX C - X-PURGE DRAWING LIST (Cont'd)

### 4000 SERIES X-PURGE WORKSTATION DRAWINGS

MODEL	MODEL DESCRIPTION	DRAWING TYPE	DRAWING NO.
4360	Div. 1 X-Purge integrated flat-panel	Signal Switching Board & Internal Signal Interface Board Connection Drawing	Chart
		(15", 19", & 22") display PC	E016
		Power Interface Board Item Location Drawing	E017
		Signal Switching Board Item Location Drawing	E018
		Internal Signal Interface Board Item Location Drawing	E019
		DIP Switch Mounting Board Item Location Drawing	E020
		Purge Control Board Item Location Drawing	E021
		Remote Enclosure Connections Drawing	E025
		Mechanical/mounting Drawing	M011
		Cable & Conduit Enclosure Entry Location Drawing	P007
		Front Panel Item Location Drawing	P008
		Back Panel Item Location Drawing	P009
		Pneumatic Block Diagram Drawing	P010
4366	Div. 1 X-Purge integrated flat panel 19" display PC	Electrical Block Diagram Drawing	E132
4368	Div. 1 X-Purge integrated flat panel 22" display PC	Electrical Block Diagram Drawing	E111
4560KP	Div. 1 X-Purge flat panel	Signal Switching Board & Internal Signal Interface Board Connection Drawing	Chart
		(15", 19", & 22") display PC w/keypad	E016
		Power Interface Board Item Location Drawing	E017
		Signal Switching Board Item Location Drawing	E018
		Internal Signal Interface Board Item Location Drawing	E019
		DIP Switch Mounting Board Item Location Drawing	E020
		Purge Control Board Item Location Drawing	E021
		Remote Enclosure Connections Drawing	E025
		Mechanical/mounting Drawing	M010
		Cable & Conduit Enclosure Entry Location Drawing	P007
		Front Panel Item Location Drawing	P008
		Back Panel Item Location Drawing	P009
		Pneumatic Block Diagram Drawing	P010
4566KP	Div. 1 X-Purge 19" flat panel display PC /w keypad	Electrical Block Diagram Drawing	E133
4568KP	Div. 1 X-Purge 22" flat panel display PC w/ keypad	Electrical Block Diagram Drawing	E111

## APPENDIX D - Y-PURGE DRAWING LIST

### 2000 SERIES X-PURGE MONITOR/DISPLAY DRAWINGS

MODEL	MODEL DESCRIPTION	DRAWING TYPE	DRAWING NO.
2510KP	Div.1 panel-mount Y-Purge (15", 19", 22") monitor w/keypad	Y/Z-Purge Alarm (ZPA) Board Item Location Drawing	E009
		Enclosure Electrical Connection Drawings	E010
		Stand-alone Mechanic/assembly Drawing	M008
		Enclosure Cable & Conduit Entry Drawing	P002
		Air-flow Block Diagram	P003
		Front Panel Item Location Drawing	P004
		Back Panel Item Location Drawing	P005
		Over-pressure Exhaust Diagram	P006
2516KP	Div.1 panel-mount Y-Purge 19" monitor w/keypad	Electrical Block Diagram	E104
2518KP	Div.1 panel-mount Y-Purge 22" monitor w/keypad	Electrical Block Diagram	E105
2610	Div.1 Y-Purge integrated flat panel (15", 19", 22") monitor	Y/Z-Purge Alarm (ZPA) Board Item Location Drawing	E009
		Stand-alone Mechanic/assembly Drawing	M009
		Enclosure Cable & Conduit Entry Drawing	P002
		Air-flow Block Diagram	P003
		Front Panel Item Location Drawing	P004
		Back Panel Item Location Drawing	P005
		Over-pressure Exhaust Diagram	P006
2616	Div.1 Y-Purge integrated flat panel 19" monitor	Electrical Block Diagram	E104
2618	Div.1 Y-Purge integrated flat panel 22" monitor	Electrical Block Diagram	E105



## APPENDIX D - Y-PURGE DRAWING LIST (Cont'd)

### 2000 SERIES X-PURGE MONITOR/DISPLAY DRAWINGS

MODEL	MODEL DESCRIPTION	DRAWING TYPE	DRAWING NO.
4310	Div. 1 Y-Purge (15", 19", 22") LCD-flat panel integrated PC	Y/Z-Purge Alarm (ZPA) Board Item Location Drawing	E009
		Enclosure Electrical Connection Drawings	E013
		Stand-alone Mechanic/assembly Drawing	M009
		Enclosure Cable & Conduit Entry Drawing	P002
		Air-flow Block Diagram	P003
		Front Panel Item Location Drawing	P004
		Back Panel Item Location Drawing	P005
		Over-pressure Exhaust Diagram	P006
4316	Div. 1 Y-Purge 19" LCD-flat panel integrated PC	Electrical Block Diagram	E106
4318	Div. 1 Y-Purge 22" LCD-flat panel integrated PC	Electrical Block Diagram	E107
4510KP	Div. 1 Y-Purge flat panel PC w/keypad	Y/Z-Purge Alarm (ZPA) Board Item Location Drawing	E009
		Enclosure Electrical Connection Drawings	E013
		Stand-alone Mechanic/assembly Drawing	M008
		Enclosure Cable & Conduit Entry Drawing	P002
		Air-flow Block Diagram	P003
		Front Panel Item Location Drawing	P004
		Back Panel Item Location Drawing	P005
		Over-pressure Exhaust Diagram	P006
4516KP	Div. 1 Y-Purge 19" LCD-flat panel PC w/keypad	Electrical Block Diagram	E106
4518KP	Div. 1 Y-Purge 22" LCD-flat panel PC w/keypad	Electrical Block Diagram	E107

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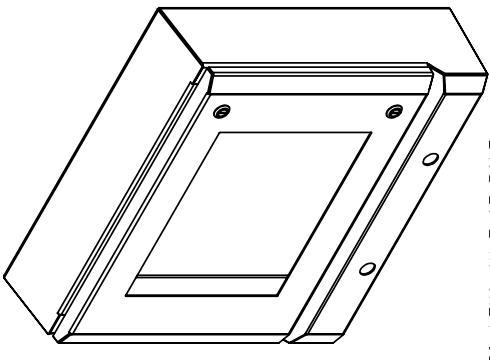
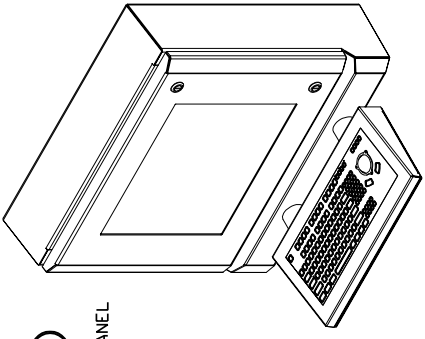
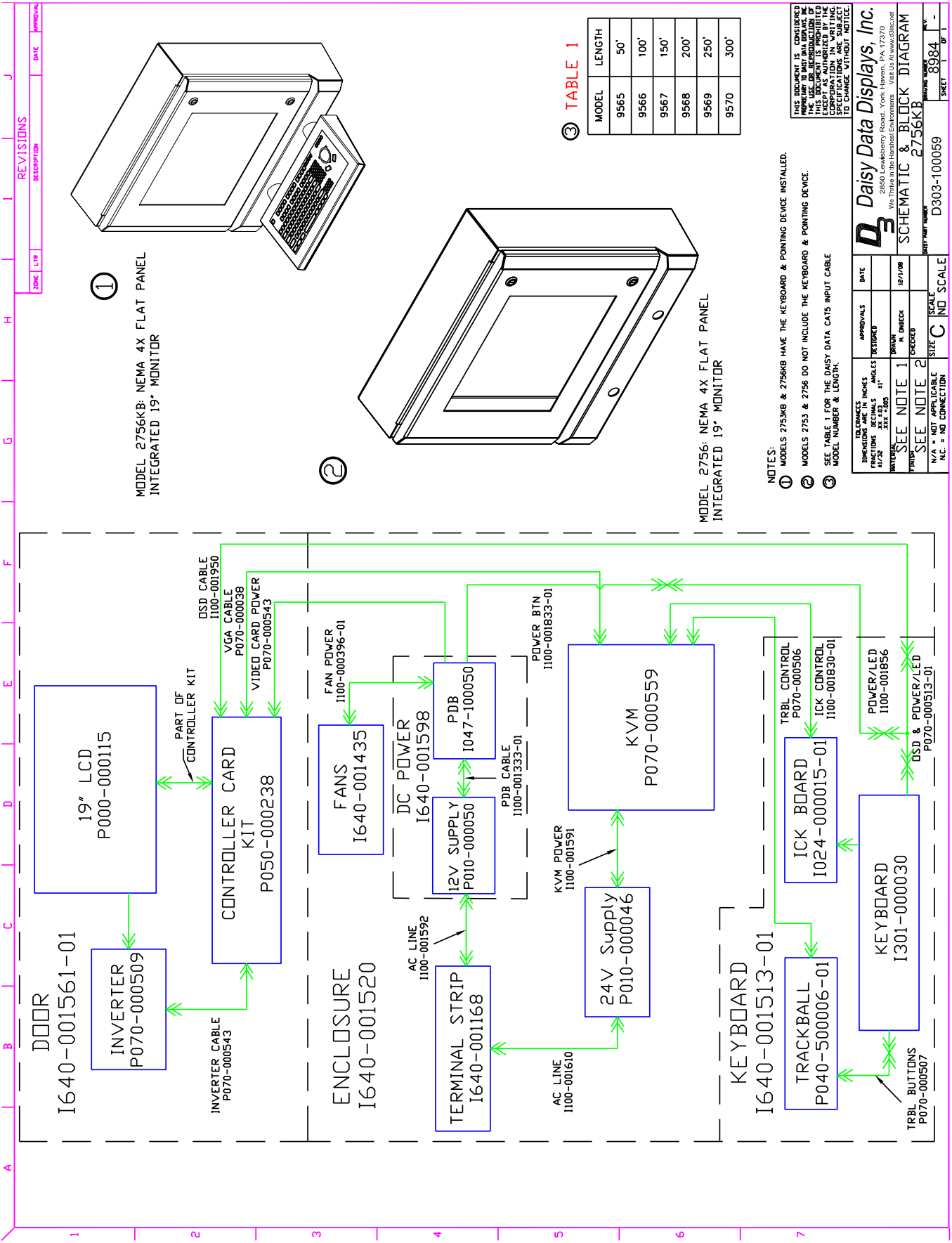
# APPENDIX E

## FLAT PANEL DRAWING LIBRARY

### Contents

<u>Drawing No.</u>	<u>Page No.</u>	<u>Drawing No.</u>	<u>Page No.</u>
8984.....	E2	E102.....	E31
8985.....	E3	E103.....	E32
8988.....	E4	E104.....	E33
8989.....	E5	E105.....	E34
8990.....	E6	E106.....	E35
8991.....	E7	E107.....	E36
8993.....	E8	E111.....	E37
8996.....	E9	E126.....	E38
8997.....	E10	E133.....	E39
CHART.....	E11	M001.....	E40
E001.....	E12	M006.....	E41
E003.....	E13	M007.....	E42
E009.....	E14	M008.....	E43
E010.....	E15	M009.....	E44
E013.....	E16	M010.....	E45
E016.....	E17	M011.....	E46
E017.....	E18	M018.....	E47
E018.....	E19	M019.....	E48
E019.....	E20	P001.....	E49
E020.....	E21	P002.....	E50
E021.....	E22	P003.....	E51
E022.....	E23	P004.....	E52
E025.....	E24	P005.....	E53
E086.....	E25	P006.....	E54
E097.....	E26	P007.....	E55
E098.....	E27	P008.....	E56
E099.....	E28	P009.....	E57
E100.....	E29	P010.....	E58
E101.....	E30		

DRAWING NO.: 8984



③ TABLE 1

MODEL	LENGTH
9565	50'
9566	100'
9567	150'
9568	200'
9569	250'
9570	300'

**NOTES:**

- MODELS 2753KB & 2756KB HAVE THE KEYBOARD & POINTING DEVICE INSTALLED.
- MODELS 2753 & 2756 DO NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
- SEE TABLE 1 FOR THE DAISY DATA CATS INPUT CABLE MODEL NUMBER & LENGTH.

**APPROVALS:**

APPROVALS	DATE
DESIGN	
CHECKED	
INCHES	
MILLIMETERS	

**TO DIMENSIONS:** DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED. DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

**SEE NOTE 1** FOR THE DAISY DATA CATS INPUT CABLE MODEL NUMBER & LENGTH.

**SEE NOTE 2** FOR THE DAISY DATA CATS INPUT CABLE MODEL NUMBER & LENGTH.

**SCALE:** 1" = 1" (INDICATED)

**DATE:** 12/1/98

**SCALE:** 1" = 1" (INDICATED)

**NO.:** 8984

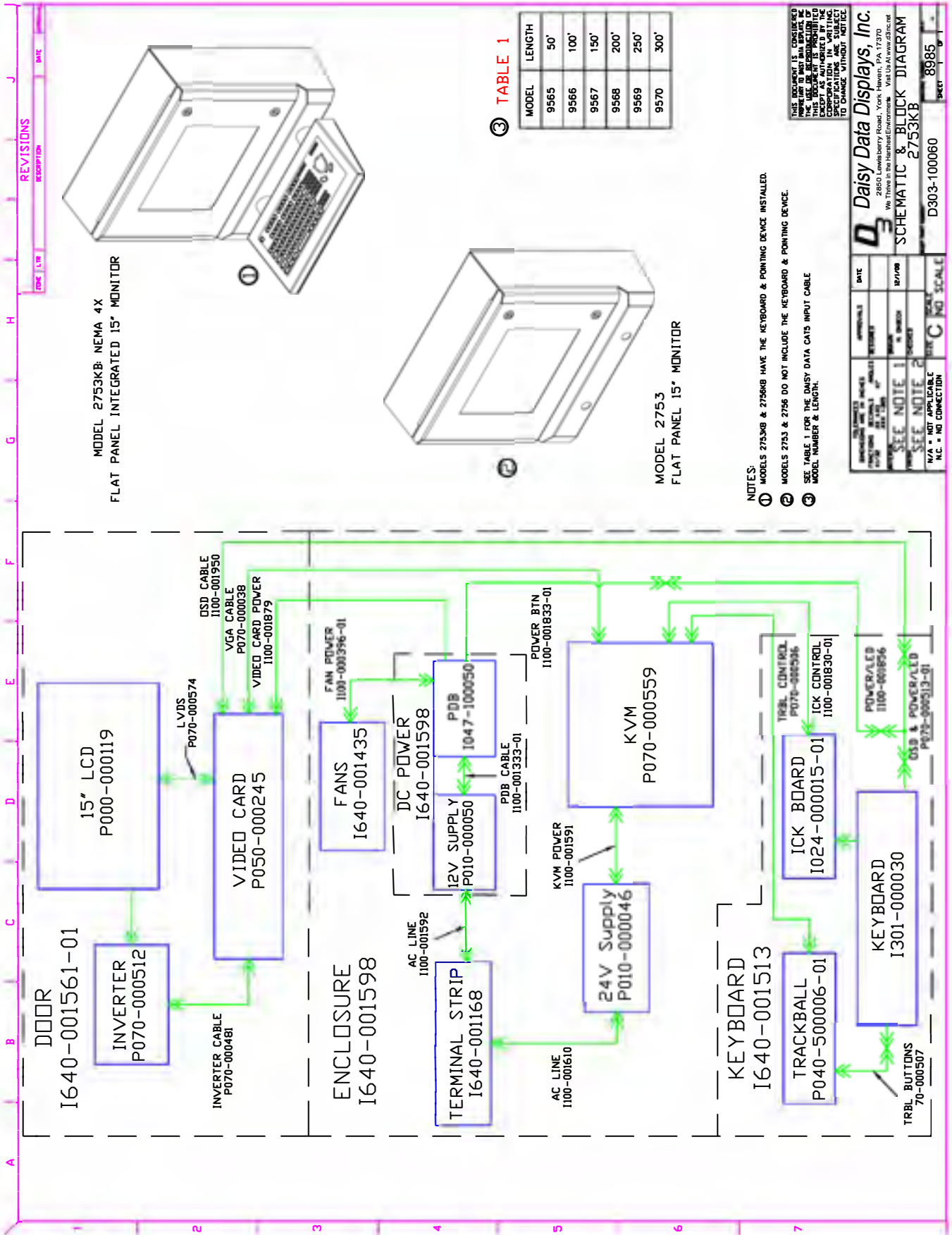
**SHEET:** 1 OF 1

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8000 Lehigh Valley Road, York, PA 17402  
Tel: 717-765-1111 Fax: 717-765-1112

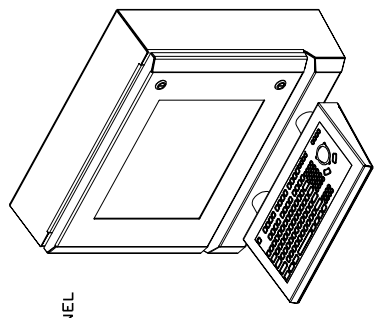
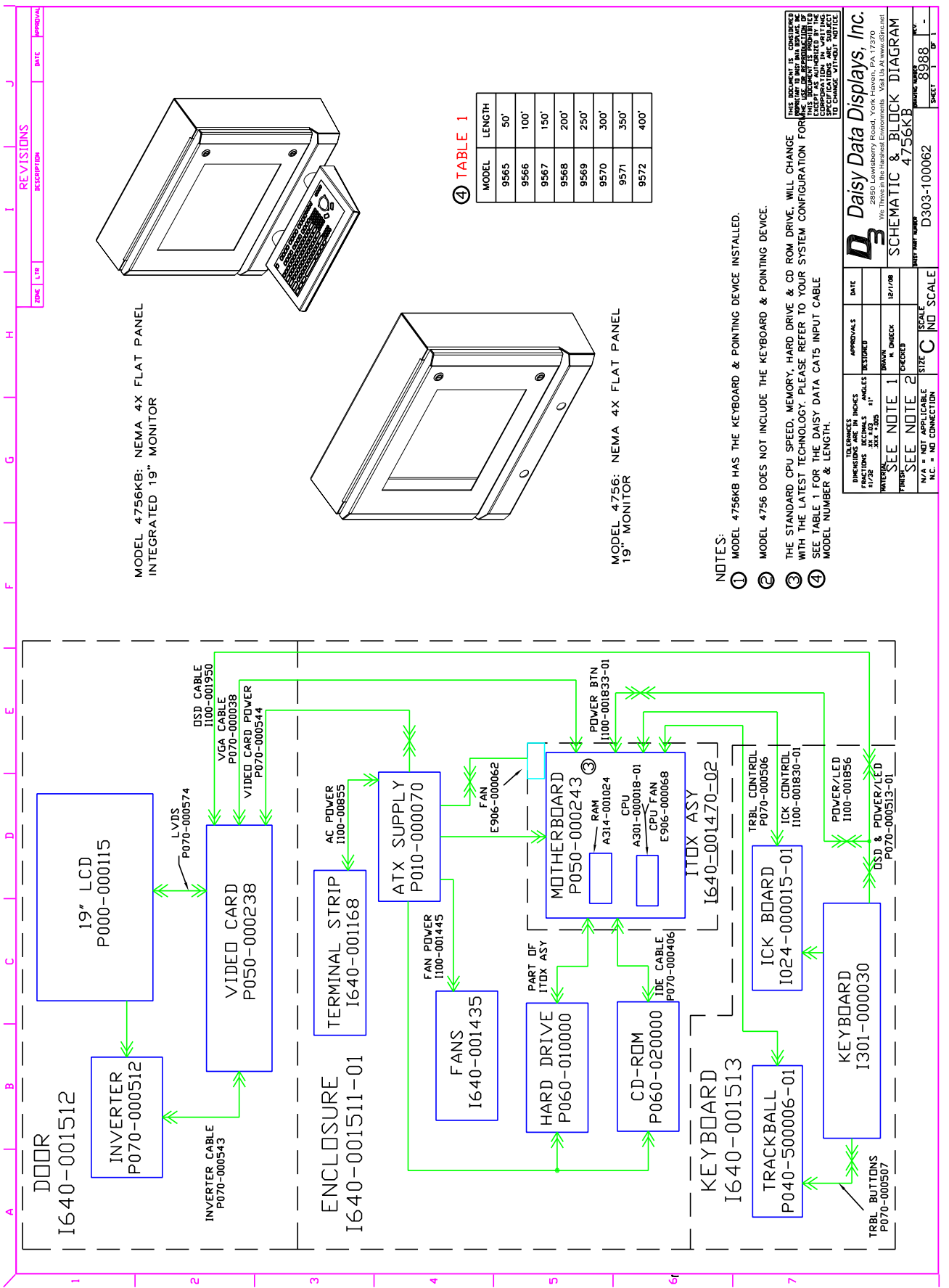
**SCHEMATIC & BLOCK DIAGRAM**  
2756KB

**PART NUMBER:** D303-100059

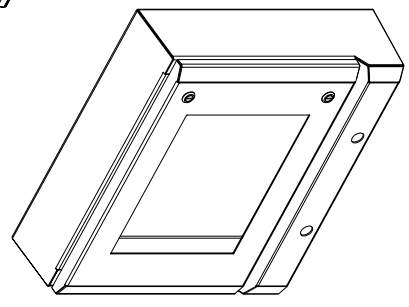
DRAWING NO.: 8985



DRAWING NO.: 8988



MODEL 4756KB: NEMA 4X FLAT PANEL  
INTEGRATED 19" MONITOR



MODEL 4756: NEMA 4X FLAT PANEL  
19" MONITOR

TABLE 1

MODEL	LENGTH
9565	50'
9566	100'
9567	150'
9568	200'
9569	250'
9570	300'
9571	350'
9572	400'

- NOTES:
- ① MODEL 4756KB HAS THE KEYBOARD & POINTING DEVICE INSTALLED.
  - ② MODEL 4756 DOES NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
  - ③ THE STANDARD CPU SPEED, MEMORY, HARD DRIVE & CD ROM DRIVE, WILL CHANGE WITH THE LATEST TECHNOLOGY. PLEASE REFER TO YOUR SYSTEM CONFIGURATION FOR THE LATEST INFORMATION.
  - ④ SEE TABLE 1 FOR THE DAISY DATA CAT5 INPUT CABLE MODEL NUMBER & LENGTH.

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**SCHMATIC & BLOCK DIAGRAM**  
MODEL: 4756KB

DATE	12/1/08
APPROVALS	BY: H. DUNICK
REVISED	BY: H. DUNICK
SCALE	1" = 1" NO SCALE
NO.	8988
REV.	1 OF 1

D303-100062

DRAWING NO.: 8989

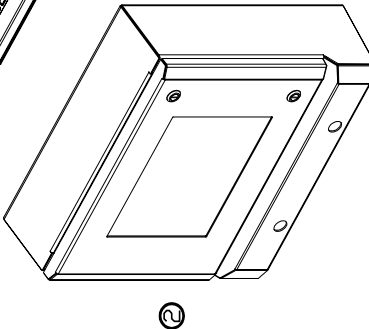
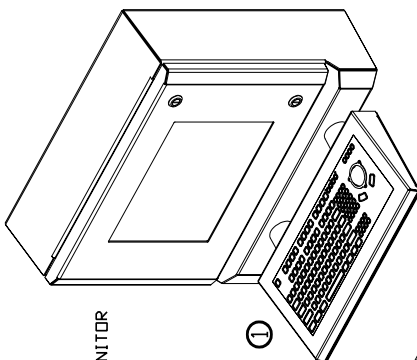
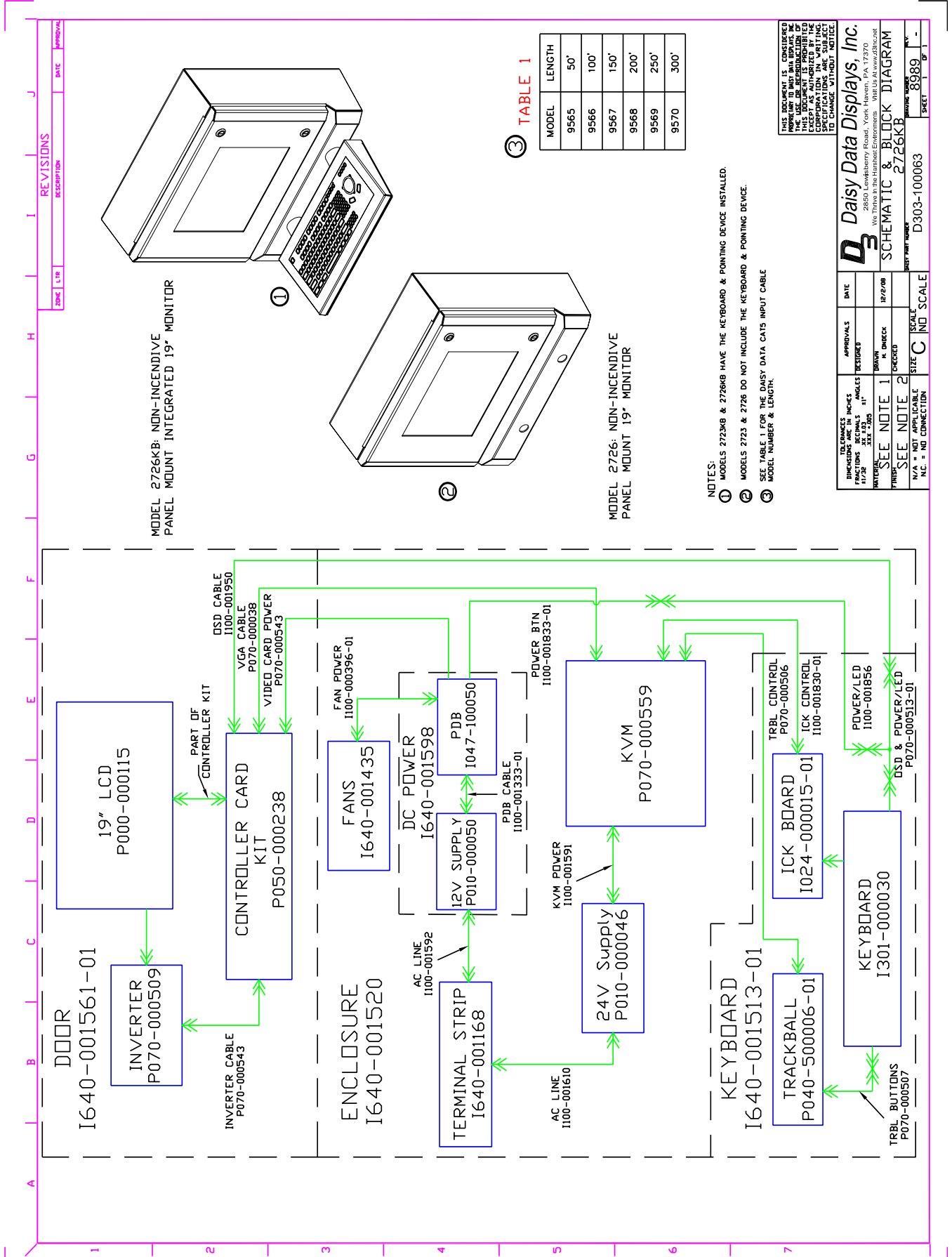


TABLE 1

MODEL	LENGTH
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"

- NOTES:
- ① MODELS 2723KB & 2726KB HAVE THE KEYBOARD & POINTING DEVICE INSTALLED.
  - ② MODELS 2723 & 2726 DO NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
  - ③ SEE TABLE 1 FOR THE DAISY DATA CAT5 INPUT CABLE MODEL NUMBER & LENGTH.

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**SCHEMATIC & BLOCK DIAGRAM**  
MODEL 2726KB

DATE	APPROVALS	REVISIONS
12/2/00	TRERBERG	1
12/2/00	WAWAN	2

SEE NOTE 1  
SEE NOTE 2

TOLERANCES UNLESS SPECIFIED:  
FRACTIONS .005, .010, .015, .020, .030, .040, .050  
DECIMALS .005, .010, .015, .020, .030, .040, .050  
HOLE DIA. .005, .010, .015, .020, .030, .040, .050  
HOLE DIA. .005, .010, .015, .020, .030, .040, .050  
HOLE DIA. .005, .010, .015, .020, .030, .040, .050

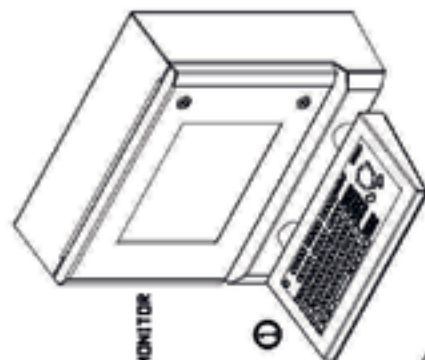
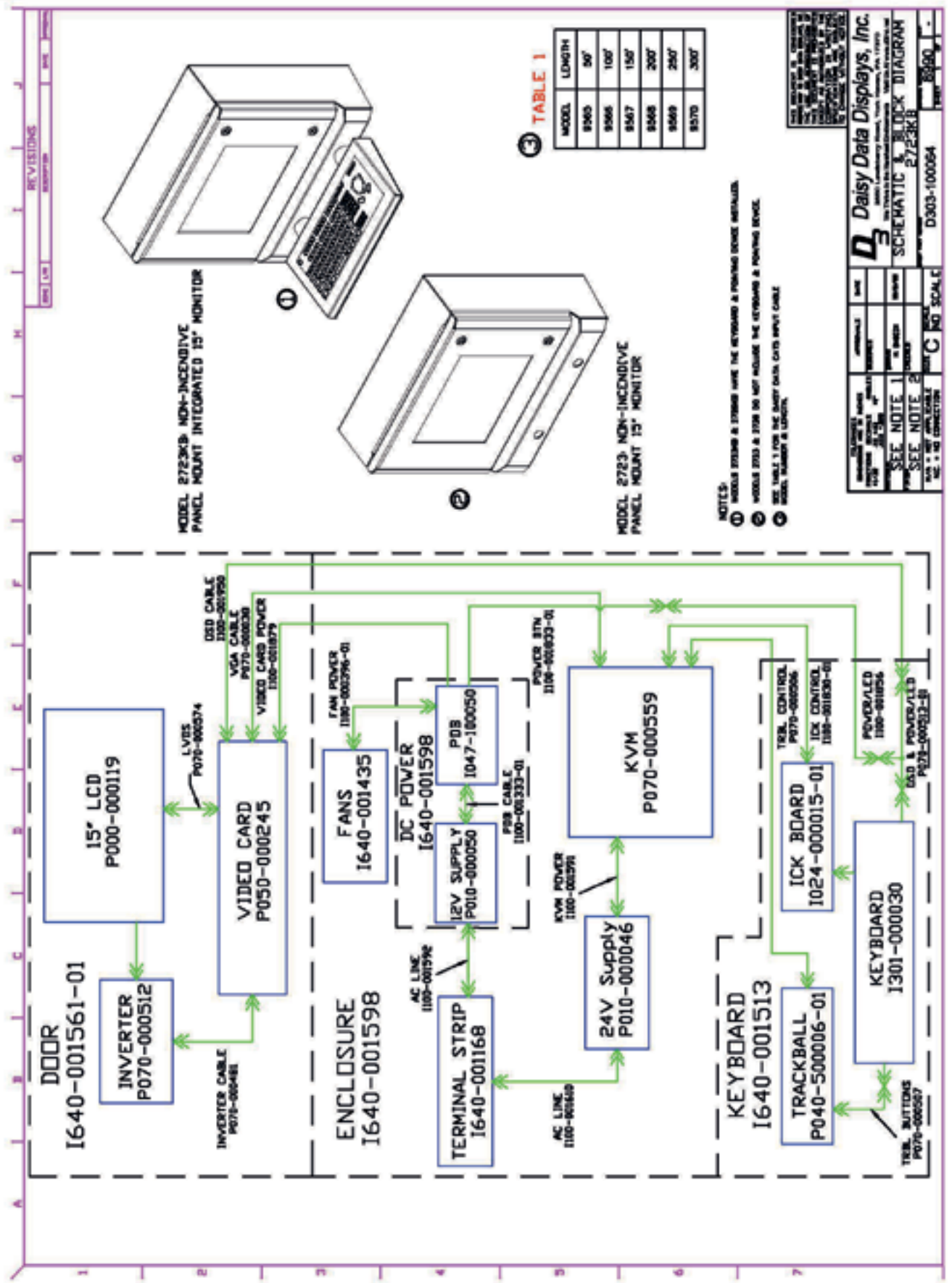
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SIZE: C  
NO. SCALE: C  
IND. SCALE: C  
NO. IND. SCALE: C

DRAWING NUMBER: 8989  
SHEET: 1 OF 1

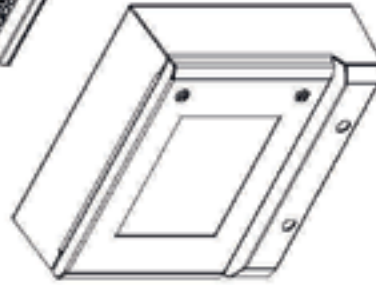
PROJECT NUMBER: D303-100063



DRAWING NO.: 8990



MODEL 2723KB NON-INCANDESCENT PANEL MOUNT INTEGRATED 15" MONITOR



MODEL 2723 NON-INCANDESCENT PANEL MOUNT 15" MONITOR

**TABLE 1**

MODEL	LENGTH
8560	56"
8566	100"
8567	150"
8568	200"
8569	250"
8570	300"

- NOTES:**
- ① MODELS 2723B & 2723C HAVE THE KEYBOARD & POINTING DEVICE INTEGRATED.
  - ② MODELS 2723 & 2728 DO NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
  - ③ SEE TABLE 1 FOR THE MONITOR DATA CABLE INPUT CABLE MODEL NUMBER & LENGTH.

SEE NOTE 1 FOR THE MONITOR DATA CABLE INPUT CABLE MODEL NUMBER & LENGTH.

SEE NOTE 2 FOR THE KEYBOARD & POINTING DEVICE MODEL NUMBER & LENGTH.

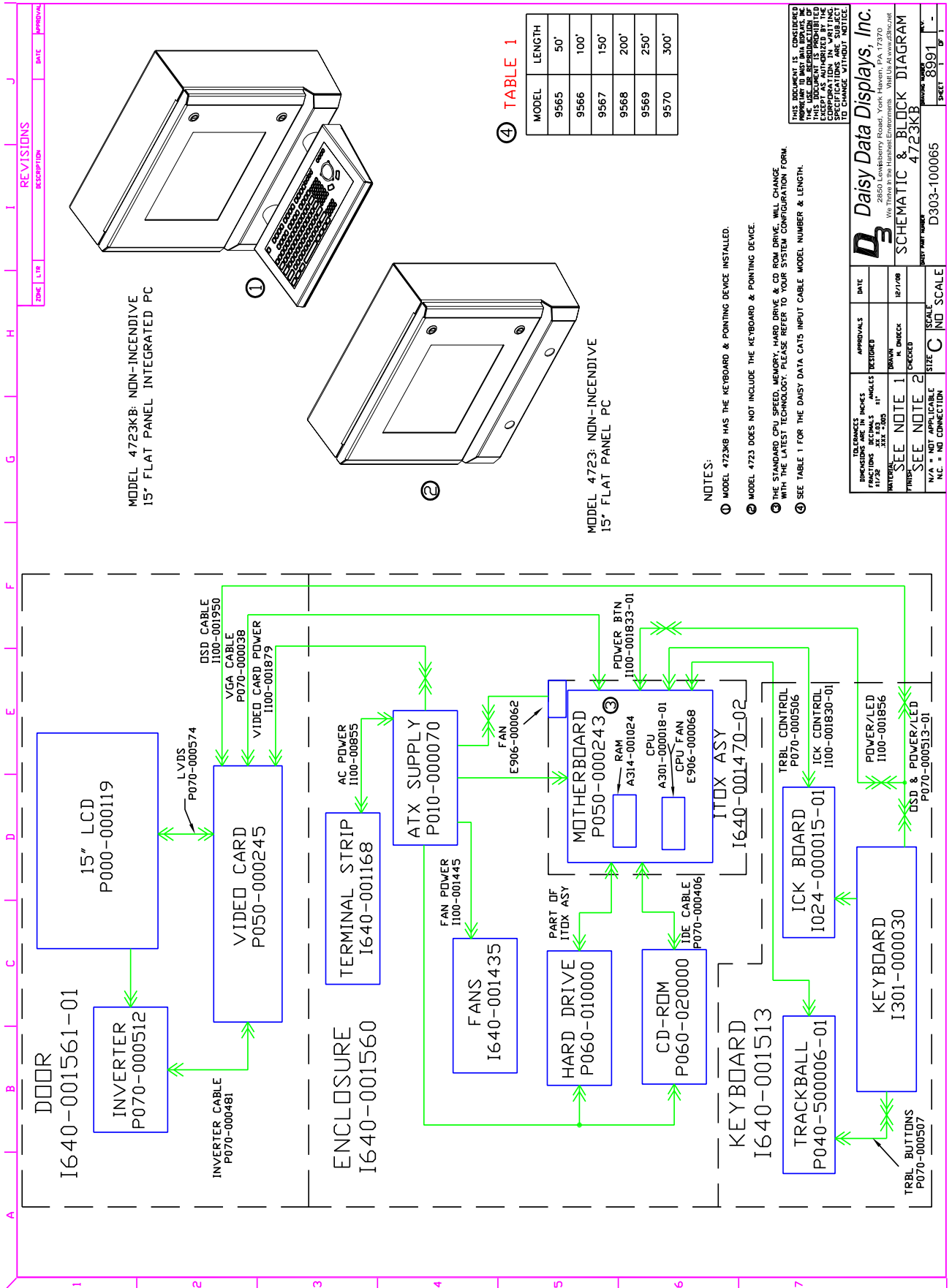
SEE NOTE 3 FOR THE MONITOR DATA CABLE INPUT CABLE MODEL NUMBER & LENGTH.

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 1000 W. 10th Street, York, PA 17403  
 TEL: 717-765-1111 FAX: 717-765-1112  
 WWW: WWW.DAISYDATA.COM

SCHEMATIC & BLOCK DIAGRAM  
 MODEL 2723KB  
 D-303-100064  
 PART 8990



DRAWING NO.: 8991



ZONE	REV	DATE	APPROVAL

REVISIONS	DESCRIPTION

APPROVALS	DATE

SEE NOTE 1	DATE

SEE NOTE 2	DATE

SCALE	IND	SCALE

SIZE	SCALE

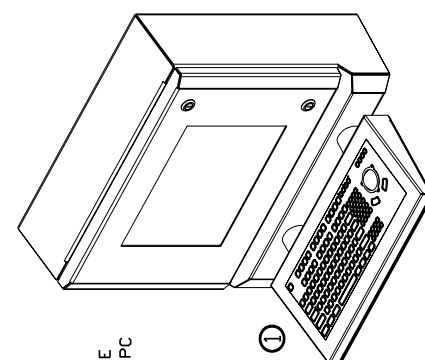
NO.	SCALE

NO.	SCALE

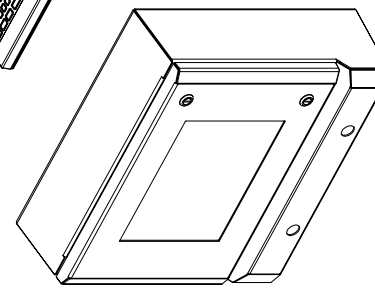
NO.	SCALE

NO.	SCALE

NO.	SCALE



MODEL 4723KB: NON-INCENDIVE  
15" FLAT PANEL INTEGRATED PC



MODEL 4723: NON-INCENDIVE  
15" FLAT PANEL PC

TABLE 1

MODEL	LENGTH
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"

NOTES:

- 1 MODEL 4723KB HAS THE KEYBOARD & POINTING DEVICE INSTALLED.
- 2 MODEL 4723 DOES NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
- 3 THE STANDARD CPU SPEED, MEMORY, HARD DRIVE & CD ROM DRIVE, WILL CHANGE WITH THE LATEST TECHNOLOGY. PLEASE REFER TO YOUR SYSTEM CONFIGURATION FORM.
- 4 SEE TABLE 1 FOR THE DAISY DATA CATS INPUT CABLE MODEL NUMBER & LENGTH.

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**SCHEMATIC & BLOCK DIAGRAM**  
MODEL 4723KB

DATE	12/1/00
APPROVALS	TERBERG
DATE	12/1/00
APPROVALS	BRAY

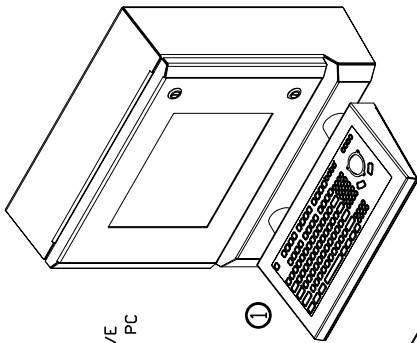
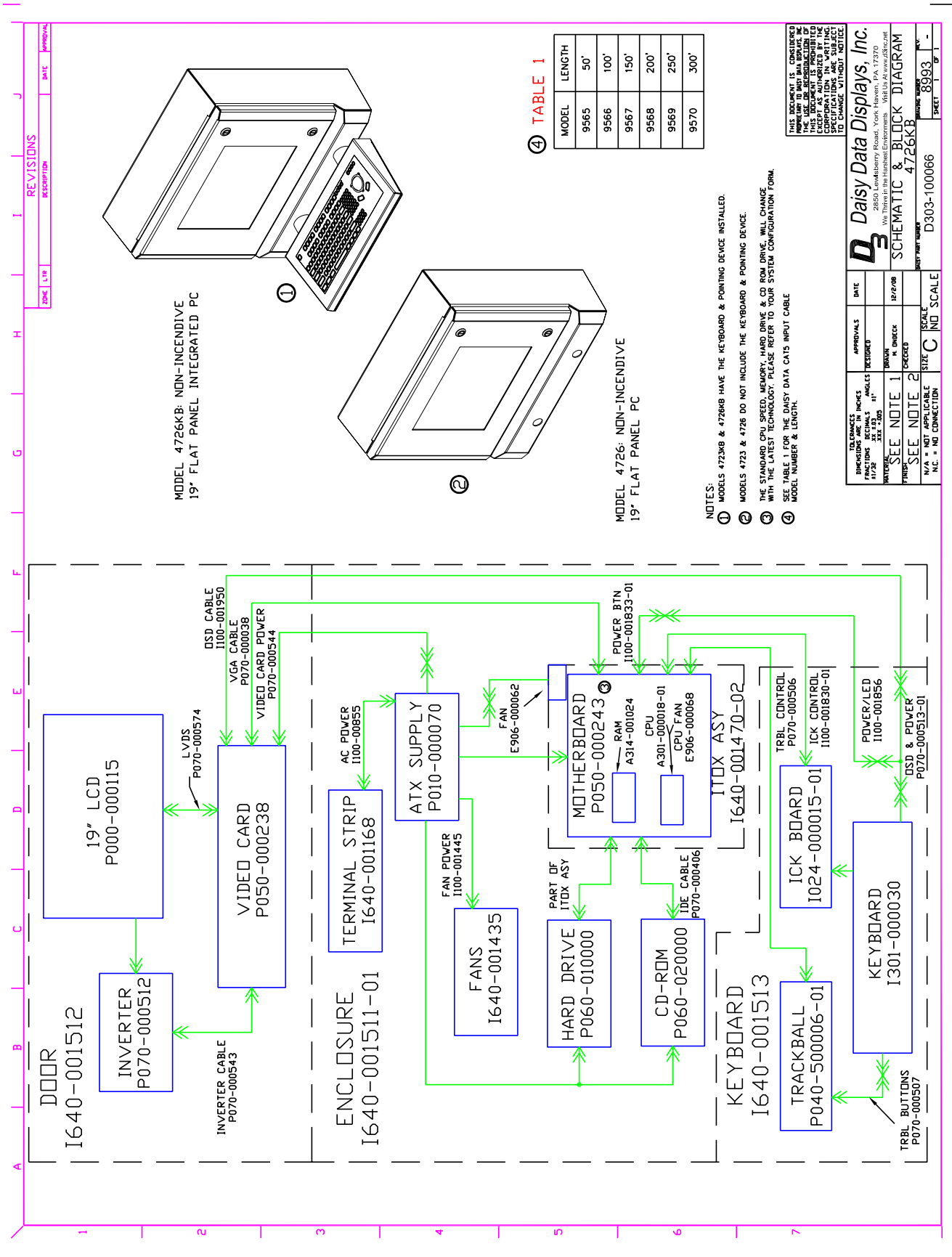
SEE NOTE 1  
DATE: 12/1/00

SEE NOTE 2  
DATE: 12/1/00

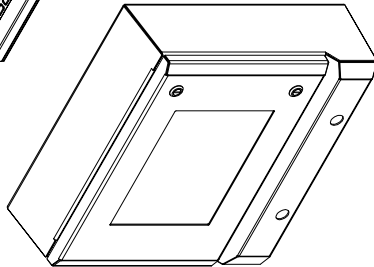
SCALE: C  
IND: C

NO. 8991  
SHEET 1 OF 1

DRAWING NO.: 8993



MODEL 4726KB: NON-INCANDESCENT  
19" FLAT PANEL INTEGRATED PC



MODEL 4726: NON-INCANDESCENT  
19" FLAT PANEL PC

④ TABLE 1

MODEL	LENGTH
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"

- NOTES:
- ① MODELS 4726KB & 4726KB HAVE THE KEYBOARD & POINTING DEVICE INSTALLED.
  - ② MODELS 4723 & 4726 DO NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
  - ③ THE STANDARD CPU SPEED, MEMORY, HARD DRIVE & CD ROM DRIVE WILL CHANGE WITH THE LATEST TECHNOLOGY. PLEASE REFER TO YOUR SYSTEM CONFIGURATION FORM.
  - ④ SEE TABLE 1 FOR THE DAISY DATA CATS INPUT CABLE MODEL NUMBER & LENGTH.

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**S3**  
SCHEMATIC & BLOCK DIAGRAM  
MODEL NUMBER: 4726KB  
PART NUMBER: D303-100066

DATE	APPROVALS	SCALE
12/2/08	TRAVEN M. CHECK	C
12/2/08	TRAVEN M. CHECK	C

DATE: 12/2/08  
DRAWN BY: TRAVEN M. CHECK  
CHECKED BY: TRAVEN M. CHECK  
SCALE: C  
NO. OF SHEETS: 1 OF 1  
SHEET NO.: 8993

DRAWING NO.: 8996

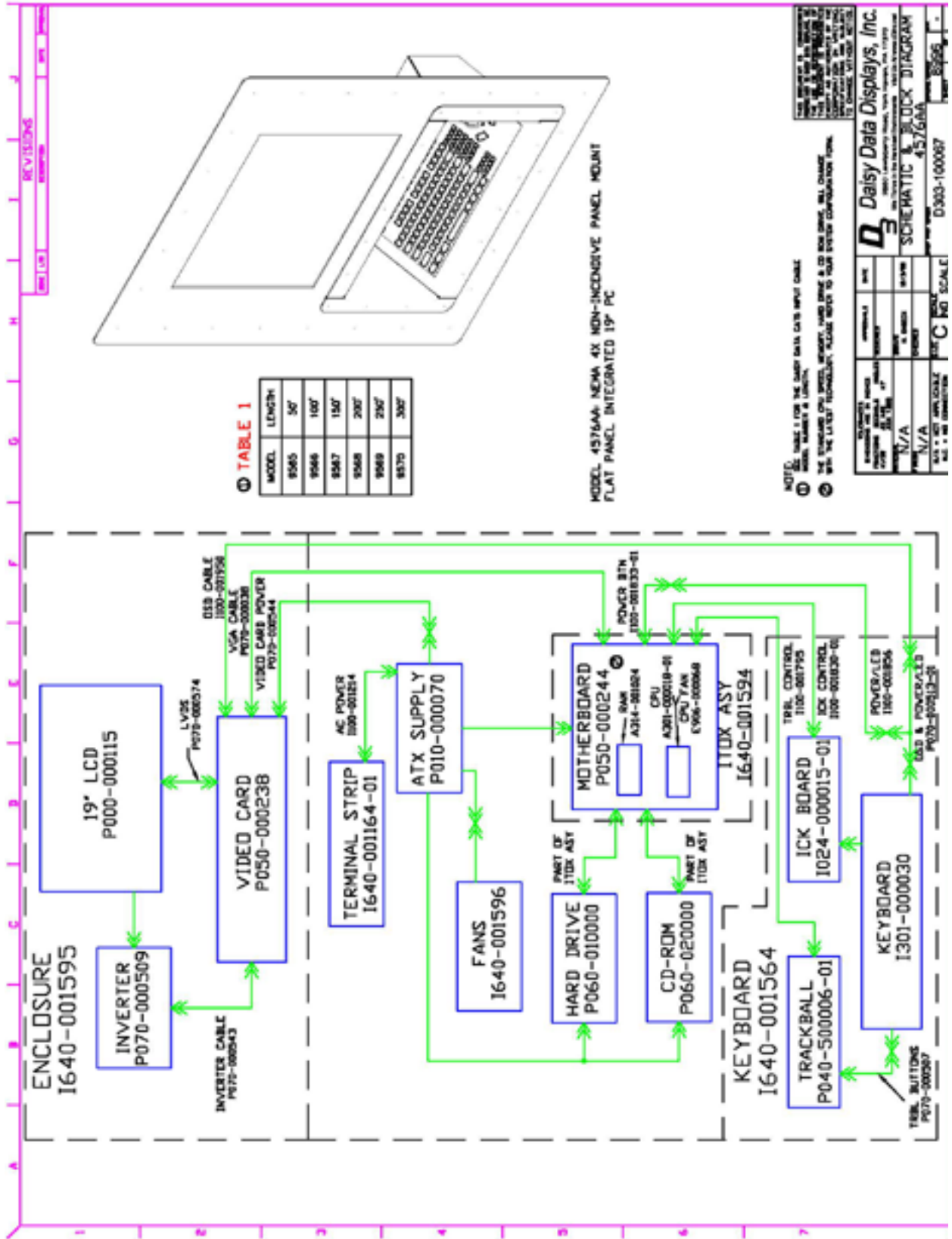


TABLE 1

MODEL	LENGTH
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"

MODEL 4576AA: NEMA 4X NON-INCANDESCENT PANEL MOUNT  
FLAT PANEL INTEGRATED 19" PC

NOTE: TABLE 1 FOR THE DATA DATA CABLE LENGTH. SEE THE LATEST TECHNOLOGY. ALWAYS REFER TO YOUR SYSTEM CONFIGURATION FORM.

① THE FIGURES ON THIS SHEET, UNDER THE NAME OF THE DRAWING, WILL CHANGE WITH THE LATEST TECHNOLOGY. ALWAYS REFER TO YOUR SYSTEM CONFIGURATION FORM.

② THE FIGURES ON THIS SHEET, UNDER THE NAME OF THE DRAWING, WILL CHANGE WITH THE LATEST TECHNOLOGY. ALWAYS REFER TO YOUR SYSTEM CONFIGURATION FORM.

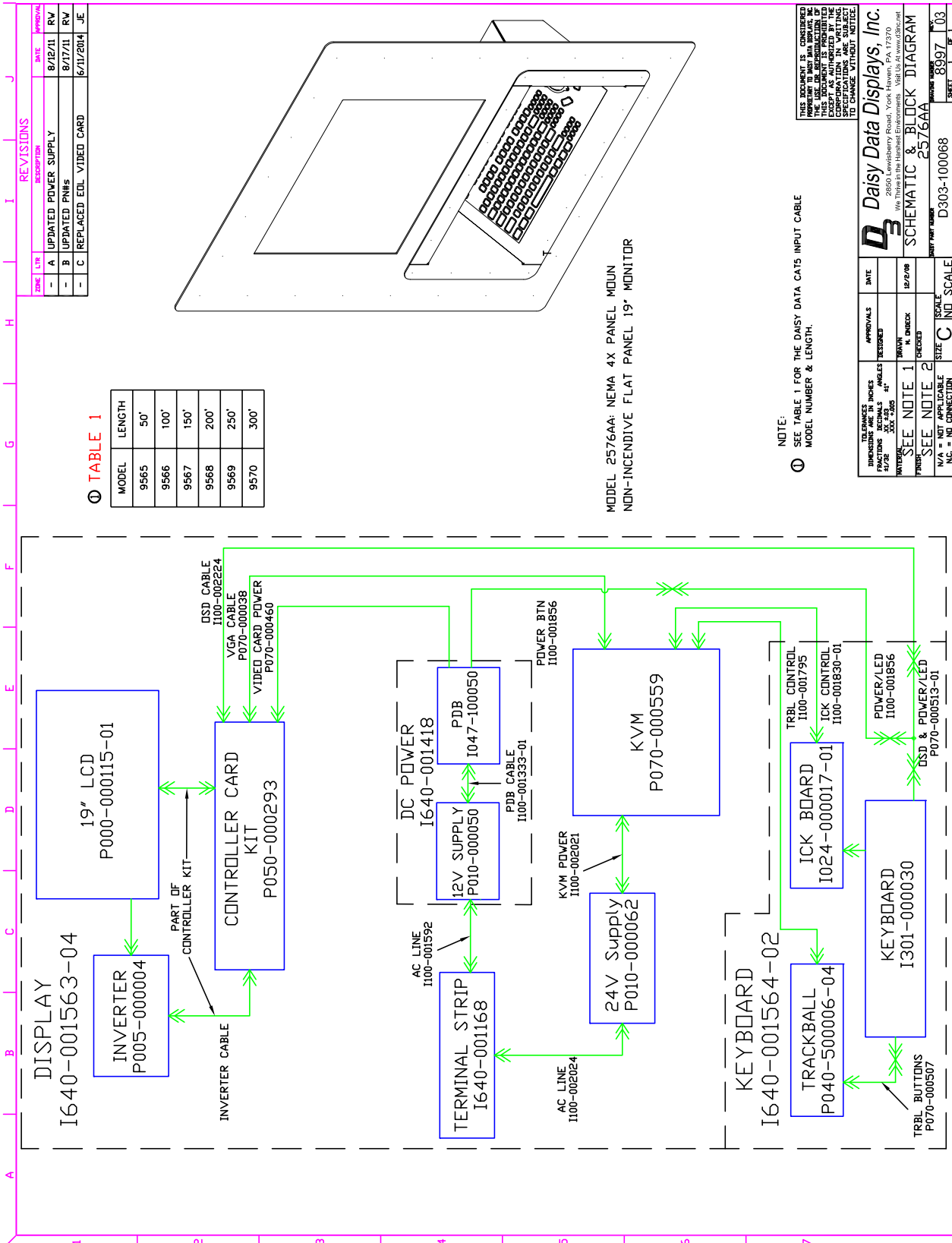
REVISED	DATE	BY

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1000 UNIVERSITY AVENUE, NEW HAVEN, CT 06510  
TEL: 203-437-1111 FAX: 203-437-1112  
WWW.DAISYDATA.COM

SCHEMATIC & BLOCK DIAGRAM  
4576AA

SCALE: 1:1  
D903-100007

DRAWING NO.: 8997



APPROVALS	DATE
DESIGNED BY	10/2/00
CHECKED BY	10/2/00
DATE	10/2/00
SCALE	NO. SCALE
SIZE	NO. SCALE
NO. CONNECTION	NO. SCALE
NO. CONNECTION	NO. SCALE

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**S3**  
 SCHEMATIC & BLOCK DIAGRAM  
 MODEL 2576AA  
 PART NUMBER D3003-100068  
 SHEET 1 OF 1

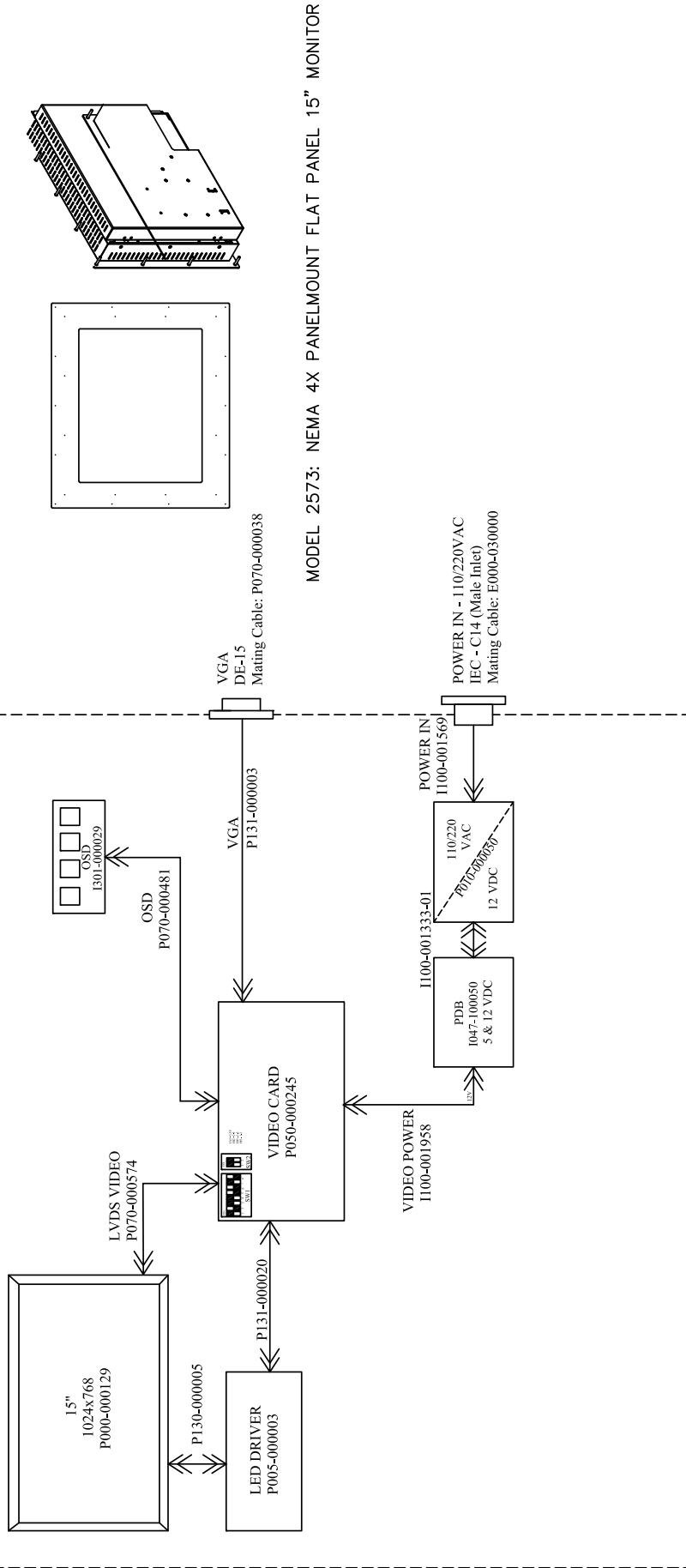
## DRAWING NO.: CHART

**SIGNAL SWITCHING BOARD and INTERNAL SIGNAL INTERFACE BOARD CONNECTIONS**

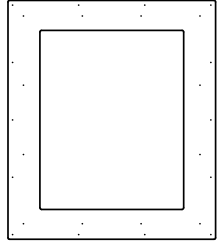
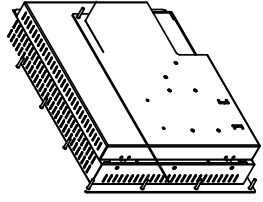
SSB			PAC-SEAL	SIB				
JA	J13	BNC	Wire Color	J13	J10	J11/14	BNC	JA
1	12		WHITE/ORANGE	12	1	J11-1		1
2	11		ORANGE/WHITE	11	2	J11-2		2
3	10		WHITE/GREEN	10	3	J11-3		3
4	9		GREEN/WHITE	9	4	J11-4		4
5	8		WHITE/BLUE	8	5	J11-5		5
6	7		BLUE/WHITE	7	6	J11-6		6
7	6	J6 center	GREEN	6	7	J14-1	J6 center	7
8	5	J6 shield	YELLOW	5	8	J14-2	J6 shield	8
9	4	J4 center	RED	4	9	J14-3	J4 center	9
10	3	J4 shield	BLACK	3	10	J14-4	J4 shield	10
11	2	J5 center	WHITE/BROWN	2	11	J14-5	J5 center	11
12	1	J5 shield	BROWN/WHITE	1	12	J14-6	J5 shield	12
13			GROUND					13
JB	J12	BNC	Wire Color	J12	J7	J8/9	BNC	JB
1	12		BLUE/RED	12	1	J9-1		1
2	11		RED/BLUE	11	2	J9-2		2
3	10		WHITE/BLUE	10	3	J9-3		3
4	9		BLUE/WHITE	9	4	J9-4		4
5	8		WHITE/GREEN	8	5	J9-5		5
6	7		GREEN/WHITE	7	6	J9-6		6
7	6		WHITE/ORANGE	6	7	J9-7		7
8	5		ORANGE/WHITE	5	8	J9-8		8
9	4		ORANGE/RED	4	9	J9-9		9
10	3		RED/ORANGE	3	10	J8-1		10
11	2		WHITE/BROWN	2	11	J8-2		11
12	1		BROWN/WHITE	1	12	J8-3		12
13			GROUND					13
JC	J3	BNC	Wire Color	J3	J10	J2/8	BNC	JC
1	12		BLUE/RED	12	1	J8-4		1
2	11		RED/BLUE	11	2	J8-5		2
3	10		WHITE/BLUE	10	3	J8-6		3
4	9		BLUE/WHITE	9	4	J2-1		4
5	8		WHITE/GREEN	8	5	J2-2		5
6	7		GREEN/WHITE	7	6	J2-3		6
7	6		WHITE/ORANGE	6	7	J2-4		7
8	5		ORANGE/WHITE	5	8	J2-5		8
9	4		ORANGE/RED	4	9	J2-6		9
10	3		RED/ORANGE	3	10	J2-7		10
11	2		WHITE/BROWN	2	11	J2-8		11
12	1		BROWN/WHITE	1	12	J2-9		12
13			GROUND					13
Grey shaded connections are terminated by D.D.								
Green shaded wires are the regular twisted pairs								
Blue shaded wires are CAT5 cables								
Red shaded wires are hook-up wire								

**DRAWING NO.: E001**

PANEL MOUNT ENCLOSURE



MODEL 2573: NEMA 4X PANELMOUNT FLAT PANEL 15" MONITOR



VGA DE-15 Mating Cable: P070-000038

POWER IN - 110/220VAC IEC - C14 (Male Inlet) Mating Cable: E000-030000

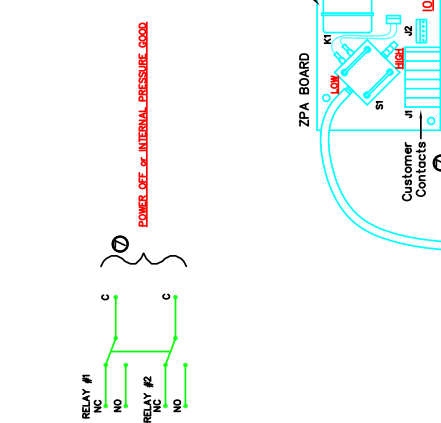
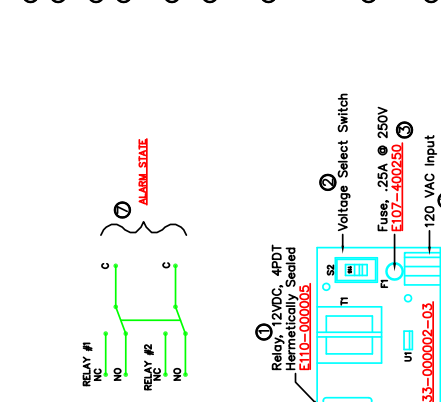
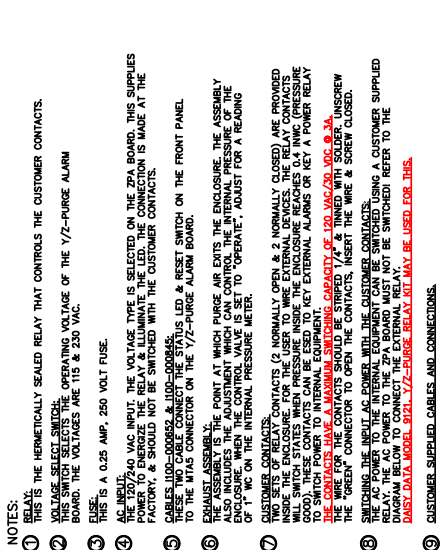
DIMENSIONS ARE IN INCHES THIS DOCUMENT IS PROPRIETARY TO DAISY DATA, INC. THE USE OF OR REPRODUCTION OF THIS DOCUMENT IS PROHIBITED EXCEPT AS AUTHORIZED BY DAISY DATA IN WRITING. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE	<b>Daisy Data, Inc.</b> 2850 Lewisberry Road, York Haven, PA 17370		PANEL MOUNT 15" ENCLOSURE
	ELECTRICAL BLOCK DIAGRAM DRAWING	DRAWING NUMBER <b>E001</b>	REV. <b>B</b>

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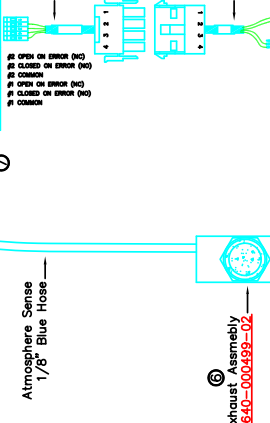
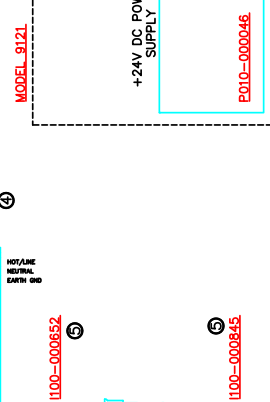
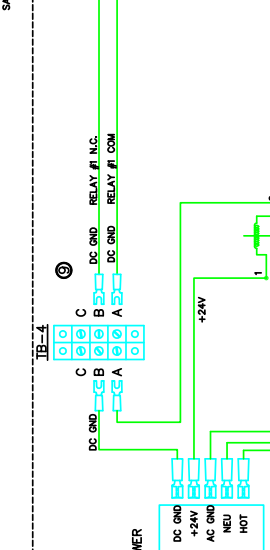
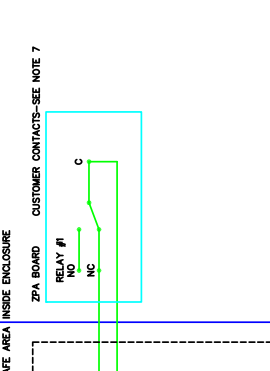


DRAWING NO.: E009

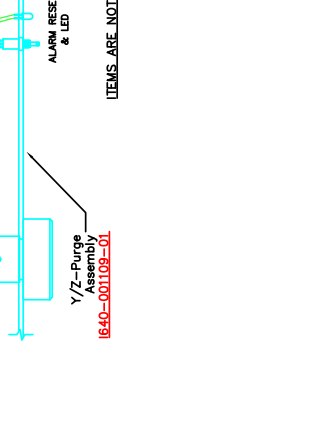
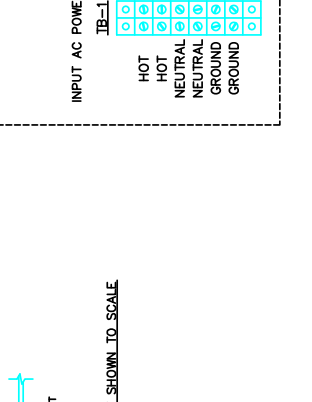
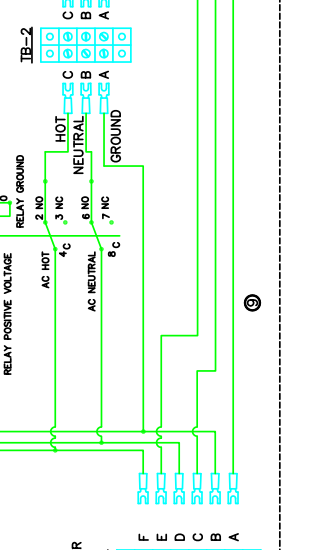
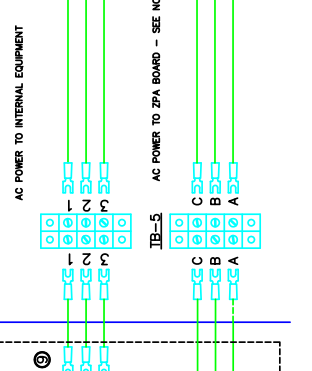
- NOTES:**
- RELAY IS THE HERMETICALLY SEALED RELAY THAT CONTROLS THE CUSTOMER CONTACTS.
  - THIS IS THE POINT AT WHICH PURGE AIR ENTERS THE ENCLOSURE. THE ASSEMBLY IS THE EXHAUST ASSEMBLY. THE CONTROL VALVE IS SET TO "OPERATE". ADJUST FOR A READING OF 1" WC ON THE INTERNAL PRESSURE METER.
  - CUSTOMER CONTACTS (2 NORMALLY OPEN & 2 NORMALLY CLOSED) ARE PROVIDED INSIDE THE ENCLOSURE FOR THE USER TO WIRE EXTERNAL DEVICES. THE RELAY CONTACTS WILL SWITCH POWER TO INTERNAL EQUIPMENT.
  - THE USER FOR THIS CONTACTS SHOULD BE STRIPPED & TIED TO THE "GREEN" WIRE. UNSCREW THE "GREEN" CONNECTOR TO OPEN THE CONTACTS. INSERT THE WIRE & SCREW CLOSED.
  - SWITCHING THE INPUT AC POWER WITH THE CUSTOMER CONTACTS. THE AC POWER TO WIRE TO THE EXTERNAL DEVICES MUST BE SWITCHED USING A CUSTOMER SUPPLIED RELAY. THE WIRE TO WIRE TO THE EXTERNAL DEVICES MUST BE SWITCHED. REFER TO THE DIAGRAM BELOW TO CONNECT THE EXTERNAL RELAY.
  - DUSTY DATA MODEL 9121. Y/Z-PURGE RELAY KIT MAY BE USED FOR THIS.**
  - CUSTOMER SUPPLIED CABLES AND CONNECTIONS.



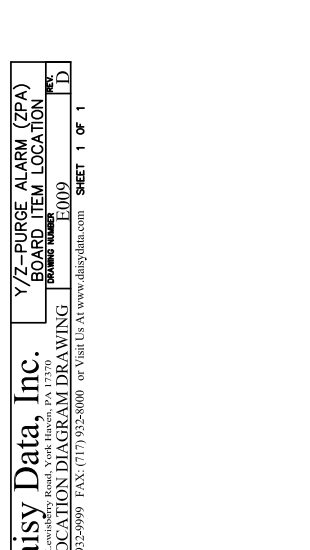
ITEMS ARE NOT SHOWN TO SCALE



ITEMS ARE NOT SHOWN TO SCALE



ITEMS ARE NOT SHOWN TO SCALE



ITEMS ARE NOT SHOWN TO SCALE

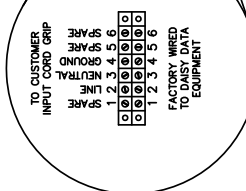
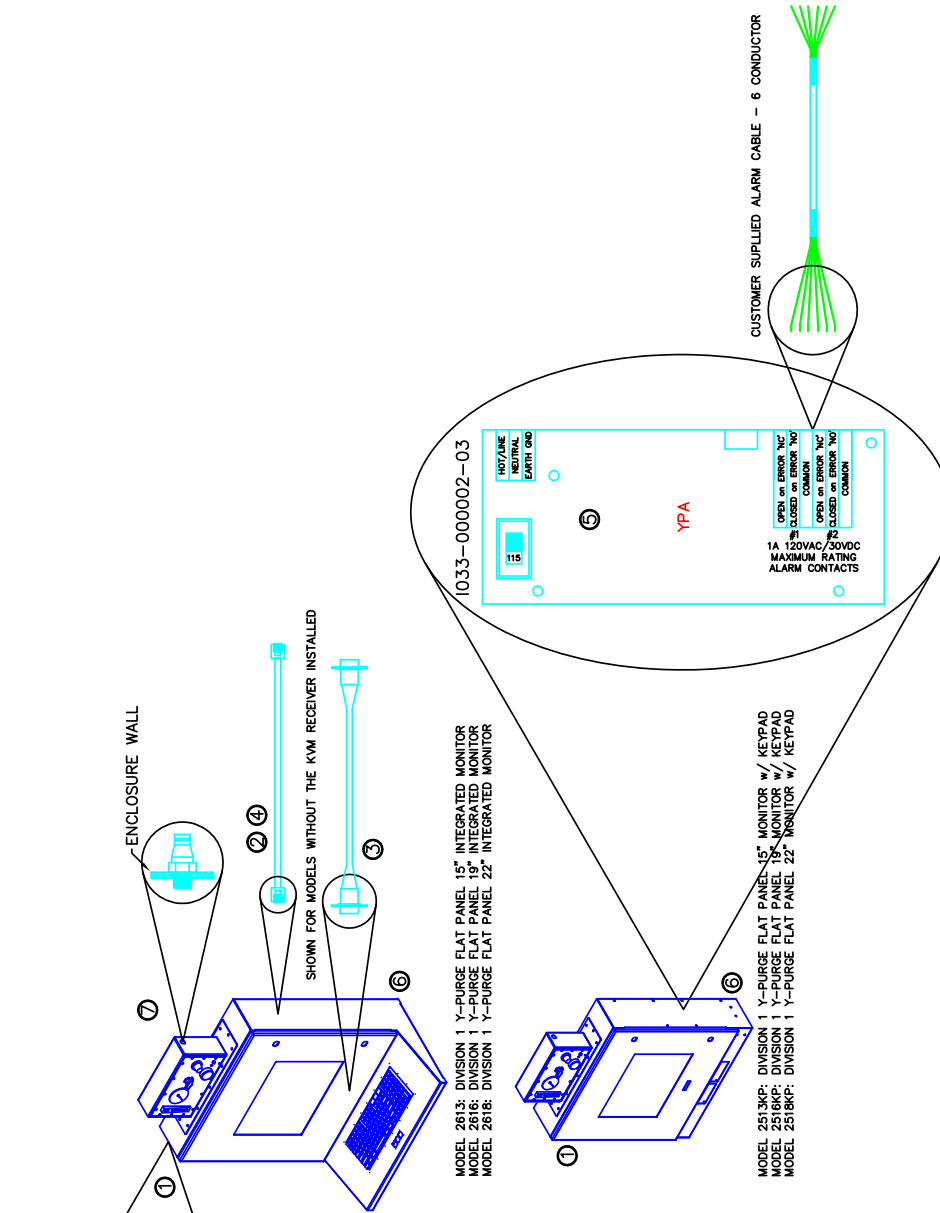
**Daisy Data, Inc.**  
 2850 Levensherry Road, York Haven, PA 17370  
 Voice: (717) 932-8000 or Visit Us At www.daisydata.com

**Y/Z-PURGE ALARM (ZPA) BOARD ITEM LOCATION**  
 DRAWING NUMBER: E009  
 SHEET 1 OF 1

**ITEM LOCATION DIAGRAM**  
 DIMENSIONS ARE IN INCHES  
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DRAWING NO.: E010



**TABLE 1**

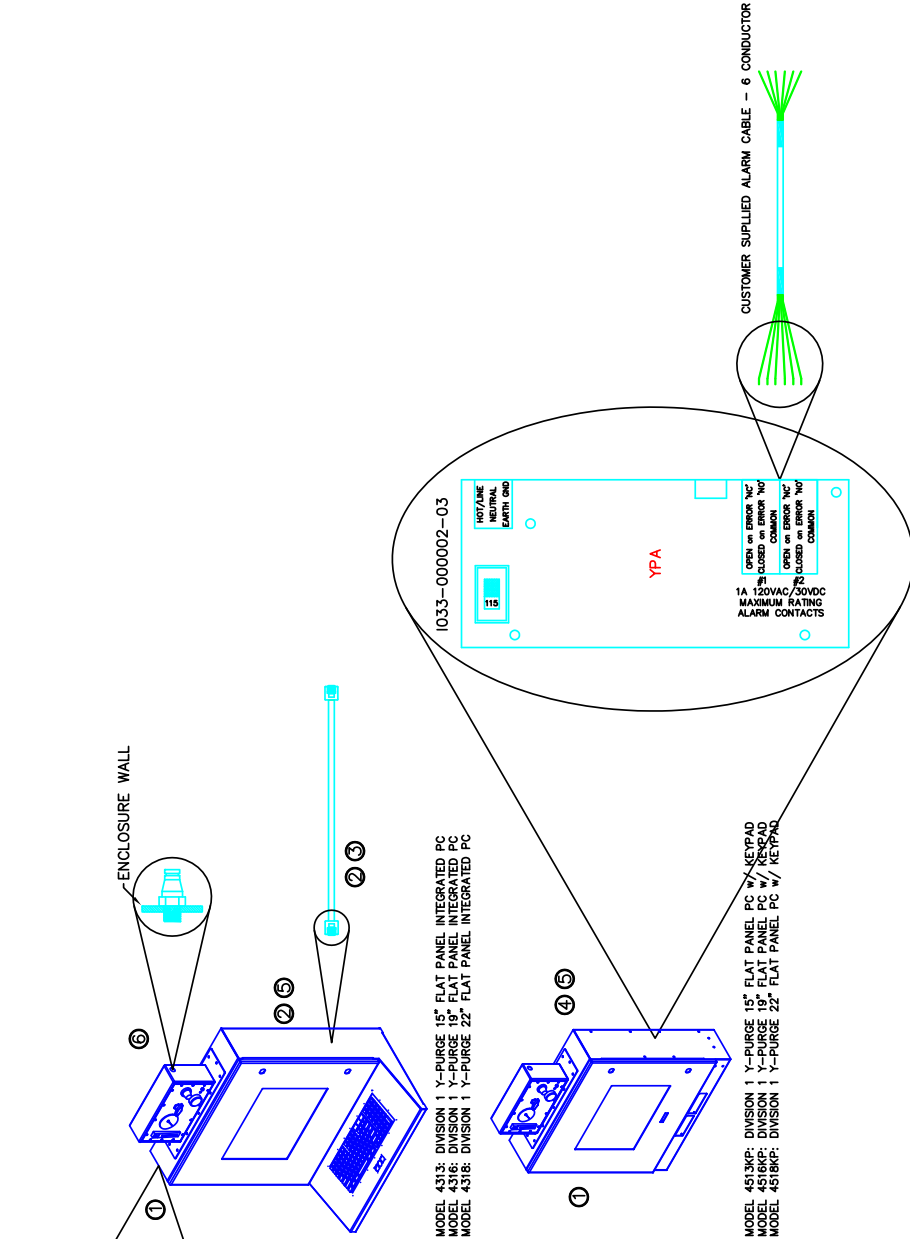
MODEL	LENGTH
9573	25"
9585	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"
9571	350"
9572	400"
9574	500"

- NOTES:**
- 1 120 VAC POWER INPUT CONNECTION IS LOCATED ON THE INSIDE REAR WALL IN THE UPPER LEFT CORNER FOR ALL MODELS SHOWN. USE THE CONNECTION PIN-OUT OF THE 6 POSITION TERMINAL STRIP.
  - 2 THE KVM REMOTE RECEIVER IS LOCATED ON THE CENTER OF THE INSIDE REAR WALL FOR ALL MODELS SHOWN. THE KVM RECEIVER INPUT DATA CABLE IS A RJ45 CAT5 CABLE. THIS CABLE CAN BE UP TO 400 FEET LONG. **USE THE PIN-OUT FROM THE SUPPLIED KVM MANUAL FOR THIS CABLE. THE KVM RECEIVER MAY BE DAMAGED IF THE PIN-OUT IS NOT FOLLOWED.**
  - 3 MODELS WITH THE "NO KVM INSTALLED" OPTION REQUIRE A CUSTOMER SUPPLIED HD15 PLUG SVGA VIDEO CABLE CONNECTED TO THE UNIT. THE HD15 VIDEO INPUT CONNECTION IS LOCATED ON THE REAR OF THE FRONT DOOR FOR ALL MODELS SHOWN.
  - 4 SEE TABLE 1 FOR THE DAISSY DATA KVM CAT5 INPUT CABLE MODEL NUMBER & LENGTH.
  - 5 THE Y-PURGE ALARM BOARD (1033-000002-03) IS LOCATED ON THE RIGHT SIDE FOR ALL MODELS SHOWN. CONTACTS #1 & #2 CAN BE WIRED NORMALLY OPEN OR NORMAL CLOSED. A SIX CONDUCTOR CABLE IS REQUIRED.
  - 6 FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "F-002".
  - 7 THE AIR INPUT FITTING IS A 1/4" NPT FEMALE. THE AIR SOURCE MUST BE CLEAN DRY INSTRUMENT GRADE AIR CAPABLE OF SUPPLYING 35 TO 150 SCFH FROM 20 TO 100 PSI.

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**CONNECTIONS FOR REMOTE Y-PURGED ENCLOSURES**  
 DRAWING NUMBER: E010  
 SHEET 1 OF 1

DRAWING NO.: E013

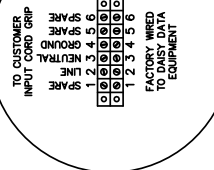


MODEL 4313: DIVISION 1 Y-PURGE 15" FLAT PANEL INTEGRATED PC  
 MODEL 4316: DIVISION 1 Y-PURGE 18" FLAT PANEL INTEGRATED PC  
 MODEL 4318: DIVISION 1 Y-PURGE 22" FLAT PANEL INTEGRATED PC

MODEL 4513KP: DIVISION 1 Y-PURGE 15" FLAT PANEL PC w/ KEYPAD  
 MODEL 4516KP: DIVISION 1 Y-PURGE 18" FLAT PANEL PC w/ KEYPAD  
 MODEL 4518KP: DIVISION 1 Y-PURGE 22" FLAT PANEL PC w/ KEYPAD

TABLE 1

MODEL	LENGTH
9573	25"
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"
9571	350"
9572	400"
9574	500"

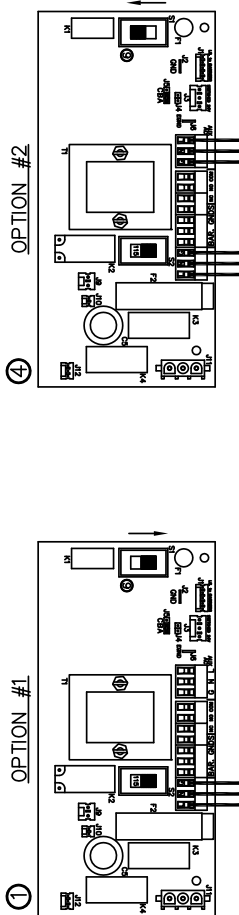


- NOTES:
- THE 120 VAC POWER INPUT CONNECTION IS LOCATED ON THE INSIDE REAR WALL IN THE UPPER LEFT CORNER FOR ALL MODELS SHOWN. USE THE CONNECTION PIN-OUT OF THE 6 POSITION TERMINAL STRIP.
  - THE SIGNAL BOARD COMPUTER IS LOCATED ON THE CENTER OF THE INSIDE REAR WALL FOR ALL MODELS SHOWN. THE 10/100 BASE-T NETWORK IS STANDARD FOR ALL PCs. THE RJ-45 - RJ-45 CAT5 CABLE CAN BE UP TO 328 FEET LONG.
  - SEE TABLE 1 FOR THE DAISY DATA CAT5 INPUT CABLE MODEL NUMBER & LENGTH.
  - THE Y-PURGE ALARM BOARD (033-000002-03) IS LOCATED ON THE RIGHT SIDE FOR ALL MODELS SHOWN. RELAYS #1 & #2 CAN BE WIRED NORMALLY OPEN OR NORMAL CLOSED. A SIX CONDUCTOR CABLE IS REQUIRED.
  - FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "P002".
  - THE AIR INPUT FITTING IS A 1/4" NPT FEMALE. THE AIR SOURCE MUST BE CLEAN DRY INSTRUMENT GRADE AIR CAPABLE OF SUPPLYING 35 TO 150 SCFH AT 20 - 100 PSI.

DIMENSIONS ARE IN INCHES		CONNECTIONS FOR LCD-PC	
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Daisy Data, Inc. 2850 Lewisberry Road, York Haven, PA 17370		DRAWING NUMBER E013	
ELECTRICAL INPUT DRAWING		REV. A	
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**DRAWING NO.: E017**

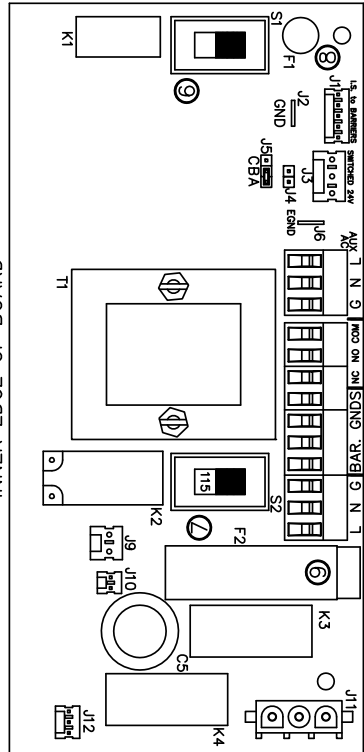


OPTION #1

OPTION #2

AC POWER INPUT  
to BOTH PURGE CONTROL  
INTERNAL EQUIPMENT

AC POWER INPUT  
to PURGE CONTROL  
from U.P.S.



INNER EDGE OF BOARD

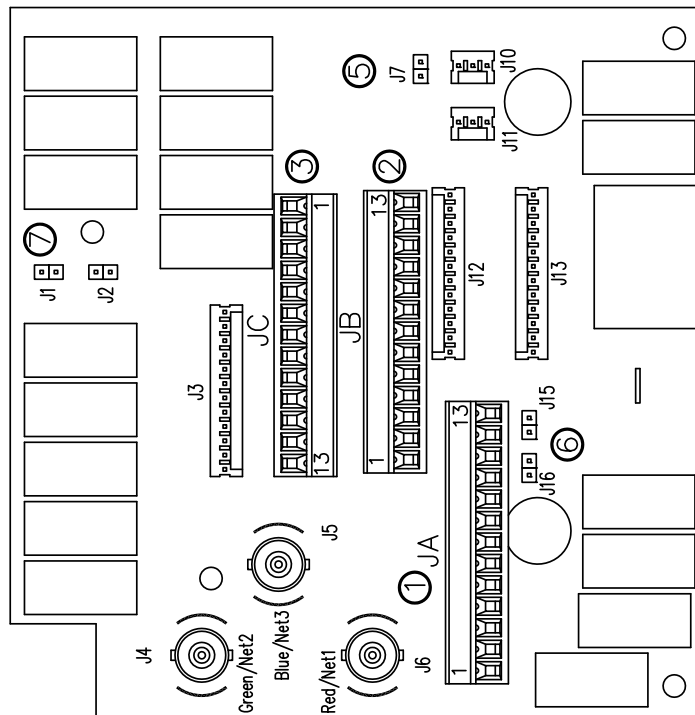
OUTER EDGE OF BOARD

1051-000000  
POWER INTERFACE BOARD

- NOTES:
- ① MAIN AC POWER INPUT: THE CONNECTION POINT FOR THE CUSTOMER SUPPLIED 115/230 VAC. THIS INPUT LINE WILL SUPPLY THE INTERNAL EQUIPMENT WITH AC POWER WHEN THE ENCLOSURE IS SAFELY PURGED. IT CAN ALSO SUPPLY VOLTAGE TO RUN THE PURGE SYSTEM IF S1 IS CLOSED (TO OUTER EDGE OF BOARD). SEE OPTION #1.
  - ② BARRIER GROUNDS: THE CONNECTION POINT FOR THE INTRINSIC SAFETY BARRIERS MOUNTING RAIL GROUND. TWO OF THE FOUR CONNECTIONS WILL BE MADE BY DAISY DATA. THE OTHER TWO MUST BE CONNECTED TO WITHIN 1 OHM OF TRUE EARTH GROUND.
  - ③ ALARM RELAY: THE CONNECTION POINT FOR AN EXTERNAL ALARM. THE CURRENT RATING FOR THIS IS 10 AMPS. THE "NC" CONTACT IS OPEN WHEN THE PURGE CYCLE IS COMPLETE OR IN BYPASS MODE. THE "NO" CONTACT IS CLOSED WHEN THE PURGE CYCLE IS COMPLETE OR IN BYPASS MODE.
  - ④ AUXILIARY AC POWER INPUT: THE CONNECTION POINT FOR THE CUSTOMER SUPPLIED 115/230 VAC. THIS INPUT WILL PROVIDE VOLTAGE TO RUN THE PURGE SYSTEM WHEN S1 IS OPEN (TO THE INNER EDGE OF THE BOARD). THIS MAY BE CONNECTED TO AN UNINTERRUPTIBLE POWER SUPPLY IN A SAFE AREA. THIS WILL ENSURE THE PURGE IS NOT LOST DURING SHORT POWER FAILURES. SEE OPTION #2.
  - ⑤ TO INSERT WIRES INTO THE CONNECTORS SUPPLIED FOR MAIN AC POWER, BARRIER GROUNDS, ALARM RELAY & AUXILIARY AC POWER, STRIP THE WIRE INSULATION OFF 1/4" & TIN. UNSCREW THE TERMINAL UNTIL THE WIRE WILL FIT IN & SCREW TILL THE WIRE IS SECURE.
  - ⑥ S1: S1 SHOULD BE OPEN (TO THE INNER EDGE OF THE BOARD) WHEN USING THE AUXILIARY POWER CONNECTION. S1 SHOULD BE CLOSED (TO THE OUTER EDGE OF THE BOARD) WHEN USING THE MAIN AC POWER CONNECTION FOR BOTH THE PURGE CONTROL & INTERNAL AC POWER.
  - ⑦ S2: THIS IS THE INPUT VOLTAGE SELECTOR SWITCH FOR BOTH THE MAIN & AUXILIARY INPUTS. IT IS FOR 115 OR 230 VAC.
  - ⑧ F1: THIS IS A 0.5A @ 115V OR A 0.25A @ 230V FUSE. F1 CONTROLS THE I.S. POWER TO THE PURGE CONTROL BOARD.
  - ⑨ F2: THIS IS A 10A @ 115V OR A 5A @ 230V FUSE. F2 CONTROLS THE AC POWER TO THE INTERNAL EQUIPMENT.

<b>Daisy Data, Inc.</b>		<b>POWER INTERFACE</b>	
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ITEM LOCATION DIAGRAM DRAWING		<b>DRAWING NUMBER</b>	
E017		<b>REV.</b>	
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		SHEET 1 OF 1	

**DRAWING NO.: E018**



**NOTES:**

- ① **JA:** JA IS CONNECTED TO J13 ONE TO ONE. SEE THE SSB-SIB CONNECTION TABLE FOR A MORE DETAILED PIN-OUT. J13 IS CONNECTED TO JA ON THE INTERNAL SIGNAL INTERFACE BOARD THROUGH THE PAC-SEAL.
- ② **JB:** JB IS CONNECTED TO J12 ONE TO ONE. SEE THE SSB-SIB CONNECTION TABLE FOR A MORE DETAILED PIN-OUT. J12 IS CONNECTED TO JB ON THE INTERNAL SIGNAL INTERFACE BOARD THROUGH THE PAC-SEAL.
- ③ **JC:** JC IS CONNECTED TO J13 ONE TO ONE. SEE THE SSB-SIB CONNECTION TABLE FOR A MORE DETAILED PIN-OUT. J3 IS CONNECTED TO JC ON THE INTERNAL SIGNAL INTERFACE BOARD THROUGH THE PAC-SEAL.
- ④ TO INSERT WIRES INTO THE CONNECTORS SUPPLIED AT JA, JB & JC, STRIP THE WIRE INSULATION OFF 1/4" & TIN. UNSCREW THE TERMINAL UNTIL THE WIRE WILL FIT IN & SCREW TILL THE WIRE IS SECURE.
- ⑤ **J7:** SHORT WHEN NET3 (J5) IS USED FOR ARCNET.
- ⑥ **J15 & J16:** SHORT BOTH WHEN NET1 (J6) & NET2 (J4) ARE USED FOR THINNET.
- ⑦ **J1 & J2:** FOR ARCNET NETWORK LOOPBACK. CONSULT FACTORY FOR MORE INFORMATION.

1053-000000

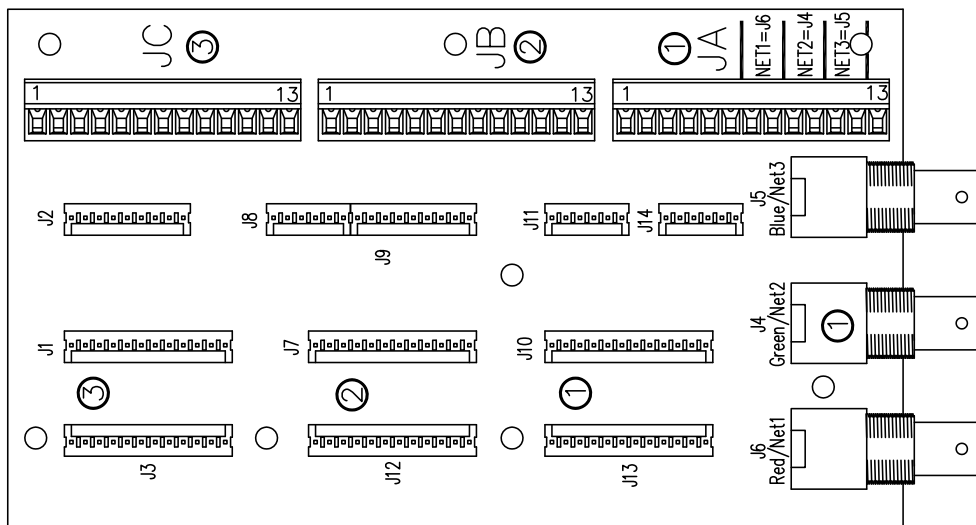
SIGNAL SWITCHING BOARD

<p><b>Daisy Data, Inc.</b> 2850 Lewisberry Road, York Haven, PA 17370</p> <p><b>ITEM LOCATION DIAGRAM DRAWING</b></p>	<p><b>SIGNAL SWITCHING BOARD ITEM LOCATION</b></p> <p>DRAWING NUMBER <b>E018</b></p> <p>REV. <b>A</b></p>
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**DRAWING NO. E019**



- NOTES:
- ① JA: JA IS CONNECTED TO J13 ONE TO ONE. SEE THE SSB-SIB CONNECTION TABLE FOR A MORE DETAILED PIN-OUT. J13 IS CONNECTED TO JA ON THE SIGNAL SWITCHING BOARD THROUGH THE PAC-SEAL.
  - ② JB: JB IS CONNECTED TO J12 ONE TO ONE. SEE THE SSB-SIB CONNECTION TABLE FOR A MORE DETAILED PIN-OUT. J12 IS CONNECTED TO JB ON THE SIGNAL SWITCHING BOARD THROUGH THE PAC-SEAL.
  - ③ JC: JC IS CONNECTED TO J13 ONE TO ONE. SEE THE SSB-SIB CONNECTION TABLE FOR A MORE DETAILED PIN-OUT. J3 IS CONNECTED TO JC ON THE SIGNAL SWITCHING BOARD THROUGH THE PAC-SEAL.
  - ④ TO INSERT WIRES INTO THE CONNECTORS SUPPLIED AT JA, JB & JC, STRIP THE WIRE INSULATION OFF 1/4" & TIN. UNSCREW THE TERMINAL UNTIL THE WIRE WILL FIT IN & SCREW TILL THE WIRE IS SECURE.

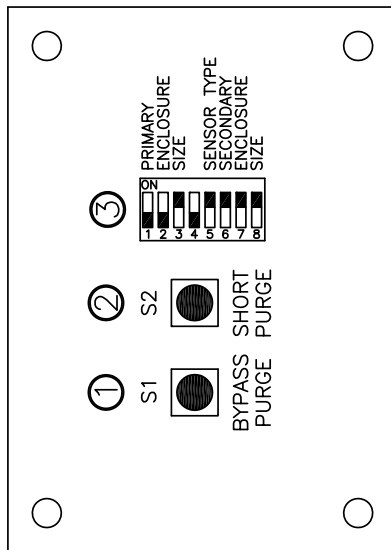
1052-000000  
INTERNAL SIGNAL INTERFACE BOARD

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	ITEM LOCATION DIAGRAM DRAWING		REV.

**DRAWING NO.: E020**

**NOTES:**

- ① **BYPASS PURGE:**  
THIS TEST MUST BE DONE IN A SAFE ENVIRONMENT. BYPASS PURGE IS FOR TEST ONLY.  
 THE PURGE CONTROL SYSTEM IS COMPLETELY BYPASSED & THE ISOLATION RELAYS CLOSE IMMEDIATELY, APPLYING POWER & SIGNALS TO ANY CONNECTED INTERNAL ELECTRONICS. THE PURGE STATUS LED ON THE FRONT PANEL WILL BE ILLUMINATED FLASHING GREEN. NO PURGE AIR IS REQUIRED. REMOVE MAIN AC POWER. PRESS & HOLD THE BYPASS PURGE SWITCH & APPLY MAIN POWER IN TO THE XPI BOARD (SEE NOTES 1 & 4 ON DRAWING "E017"). THEN RELEASE THE SWITCH WITHIN 30 SECONDS. NOW THE UNIT IS IN BYPASS PURGE.  
THE UNIT'S INTERNAL ENVIRONMENT WILL NOT BE SAFE UNLESS A NORMAL PURGE CYCLE IS DONE.
- ② **SHORT PURGE SWITCH:**  
THIS TEST MUST BE DONE IN A SAFE ENVIRONMENT. SHORT PURGE IS FOR TEST ONLY.  
 THE PURGE CONTROL SYSTEM WILL SET THE PURGE TIME TO 30 SECONDS REGARDLESS OF THE SETTING ON THE ENCLOSURE SIZE SELECT DIP SWITCHES. THE PURGE WILL THEN CONTINUE AS NORMAL. THE PURGE STATUS LED WILL BE ILLUMINATED GREEN. PURGE AIR IS REQUIRED. REMOVE MAIN AC POWER IN. PRESS & HOLD THE SHORT PURGE SWITCH & APPLY MAIN POWER IN TO THE XPI BOARD (SEE NOTES 1 & 4 ON DRAWING "E017"). THEN RELEASE THE SWITCH WITHIN 30 SECONDS. CLOSE THE SWITCH COVER & THE ENCLOSURE DOOR. APPLY AIR TO THE PURGE SYSTEM. THE UNIT IS NOW OPERATING NORMALLY.  
THE UNIT'S INTERNAL ENVIRONMENT WILL NOT BE SAFE UNLESS A NORMAL PURGE CYCLE IS DONE.
- ③ **ENCLOSURE SIZE DIP SWITCHES:**  
 THE DIP SWITCHES CONTROL THE TIMING OF THE NORMAL PURGE CYCLE. FOR BOTH THE 15" & 18" DISPLAY MODELS THE PURGE TIME WILL BE 8 MINUTES. THE FOLLOW ARE THE CORRECT SETTINGS OF THE SWITCHES.  
 1: OFF  
 2: OFF  
 3: ON  
 4: OFF  
 5: ON  
 6: ON  
 7: ON  
 8: ON



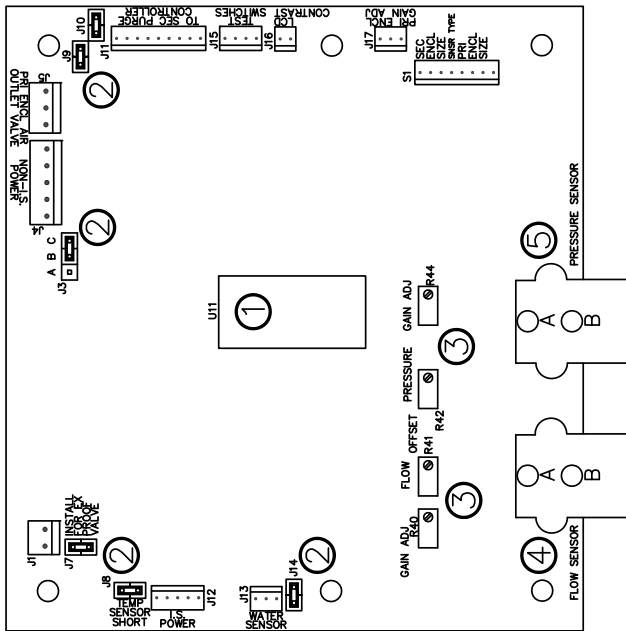
1071-000000

DIP SWITCH MOUNTING BOARD

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ITEM LOCATION DIAGRAM DRAWING		

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**DRAWING NO. E021**



**NOTES:**

- ① EPROM:  
THIS IS THE FACTORY SUPPLIED EPROM WITH THE SOFTWARE FOR THE PURGE SYSTEM.
- ② JUMPER SETTINGS:  
ALL JUMPERS ARE SET AT THE FACTORY! DO NOT CHANGE!
- ③ FLOW & PRESSURE ADJUSTMENTS:  
ALL POTENTIOMETERS ARE SET AT THE FACTORY! DO NOT CHANGE!
- ④ FLOW SENSOR:  
THIS IS THE SENSOR THAT MEASURES THE AIR FLOW INTO THE ENCLOSURE. THE RED HOSE IS CONNECTED TO PORT "A".
- ⑤ PRESSURE SENSOR:  
THIS IS THE SENSOR THAT MEASURES THE AIR PRESSURE INSIDE OF THE ENCLOSURE. THE BLUE HOSE IS CONNECTED TO PORT "A".

1068-000001-01  
PURGE CONTROL BOARD

<b>Daisy Data, Inc.</b>		PURGE CONTROL	
2850 Lewisberry Road, York Haven, PA 17370		BOARD ITEM LOCATION	
ITEM LOCATION DIAGRAM DRAWING		DRAWING NUMBER	
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We Thrive in the Harshest Environments		REV. -	

SHEET 1 OF 1



DRAWING NO.: E022

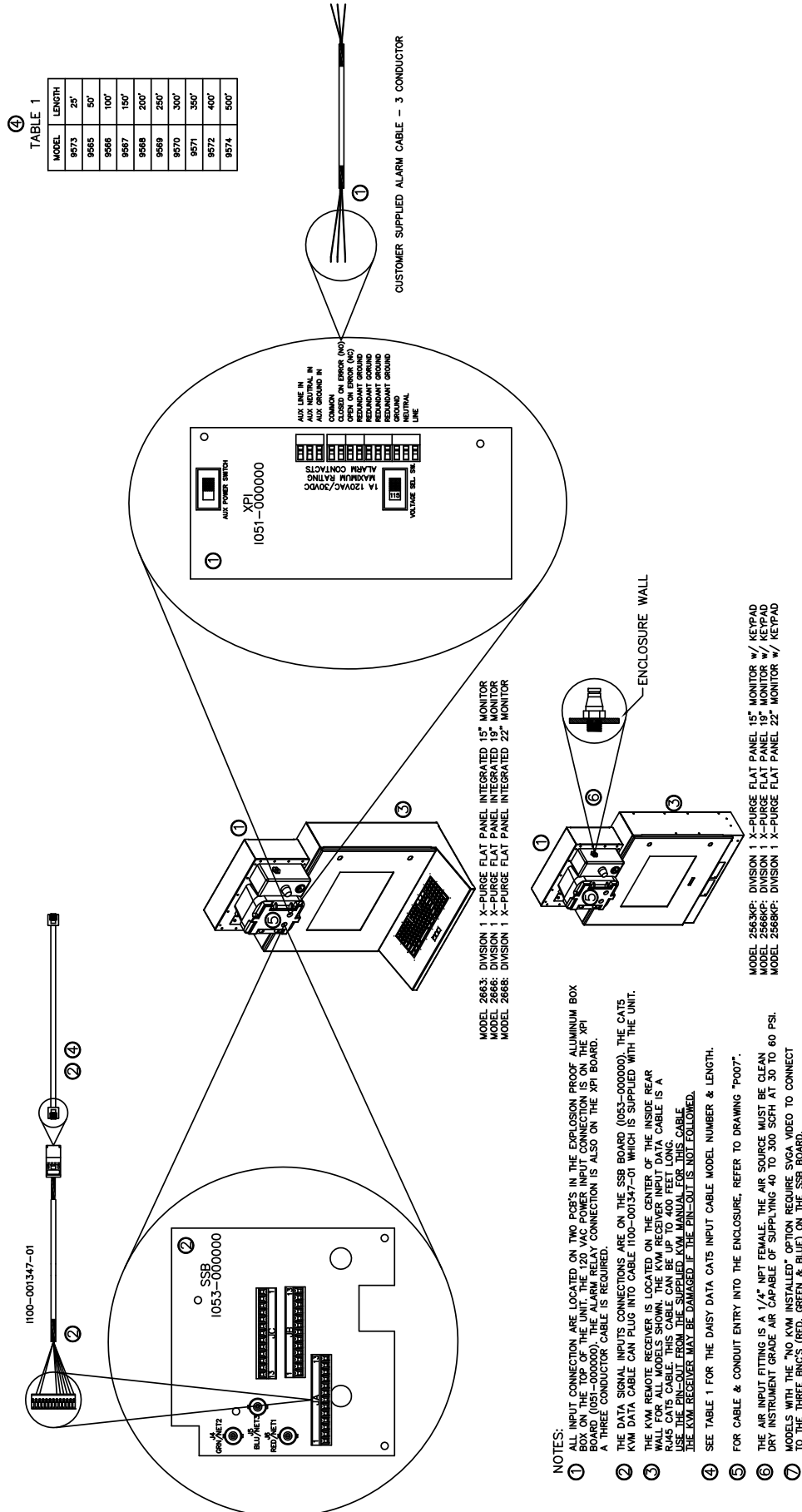


TABLE 1

MODEL	LENGTH
9573	25'
9565	50'
9566	100'
9567	150'
9568	200'
9569	250'
9570	300'
9571	350'
9572	400'
9574	500'

MODEL 2663: DIVISION 1 X-PURGE FLAT PANEL INTEGRATED 15" MONITOR  
 MODEL 2666: DIVISION 1 X-PURGE FLAT PANEL INTEGRATED 19" MONITOR  
 MODEL 2668: DIVISION 1 X-PURGE FLAT PANEL INTEGRATED 22" MONITOR

MODEL 2563KP: DIVISION 1 X-PURGE FLAT PANEL 15" MONITOR w/ KEYPAD  
 MODEL 2566KP: DIVISION 1 X-PURGE FLAT PANEL 19" MONITOR w/ KEYPAD  
 MODEL 2568KP: DIVISION 1 X-PURGE FLAT PANEL 22" MONITOR w/ KEYPAD

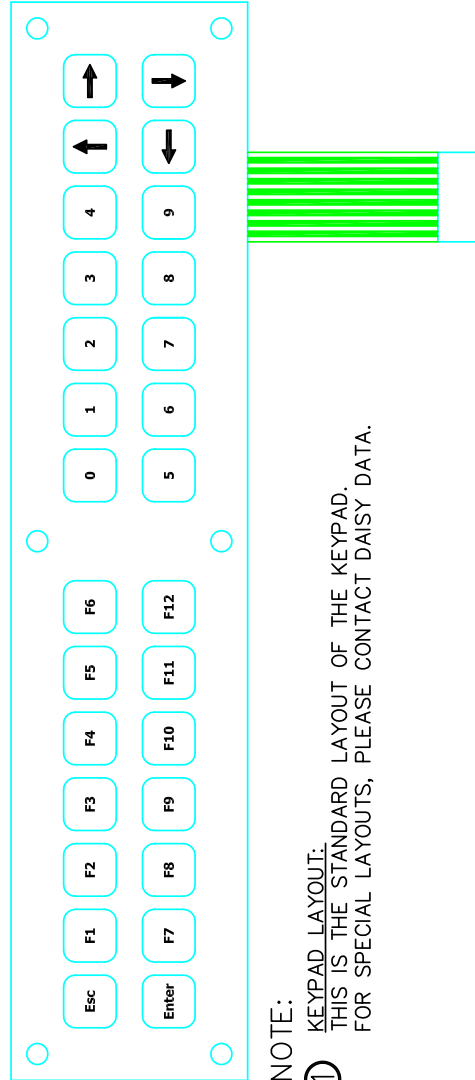
- NOTES:
- ALL INPUT CONNECTIONS ARE LOCATED ON TWO PCB'S IN THE EXPLOSION PROOF ALUMINUM BOX ON THE FRONT OF THE UNIT. THE 1/4" AC POWER INPUT CONNECTION IS ON THE XPI BOARD (1053-000000) AND THE 1/4" ALARM RELAY CONNECTION IS ALSO ON THE XPI BOARD.
  - THE DATA SIGNAL INPUTS CONNECTIONS ARE ON THE SSB BOARD (1053-000000). THE CAT5 KVM DATA CABLE CAN PLUG INTO CABLE 1100-001347-01 WHICH IS SUPPLIED WITH THE UNIT.
  - THE KVM REMOTE RECEIVER IS LOCATED ON THE CENTER OF THE INSIDE REAR WALL FOR ALL MODELS SHOWN. THE KVM RECEIVER INPUT DATA CABLE IS A RJ45 CAT5 CABLE. THIS CABLE CAN BE UP TO 400 FEET LONG. USE THE PIN-OUT FROM THE SUPPLIED KVM MANUAL FOR THIS CABLE. THE KVM RECEIVER MAY BE DAMAGED IF THE PIN-OUT IS NOT FOLLOWED.
  - SEE TABLE 1 FOR THE DAISY DATA CAT5 INPUT CABLE MODEL NUMBER & LENGTH.
  - FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "P007".
  - THE AIR INPUT FITTING IS A 1/4" NPT FEMALE. THE AIR SOURCE MUST BE CLEAN DRY INSTRUMENT GRADE AIR CAPABLE OF SUPPLYING 40 TO 300 SCFH AT 30 TO 60 PSI.
  - MODELS WITH THE "NO KVM INSTALLED" OPTION REQUIRE SVGA VIDEO TO CONNECT TO THE THREE BNC'S (RED, GREEN & BLUE) ON THE SSB BOARD.

DIMENSIONS ARE IN INCHES		CONNECTIONS FOR REMOTE	
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		REV. A	



DRAWING NO.: E086

I301-000026  
 28 KEY KEYPAD  
 STANDARD LEGEND ①



NOTE:  
 ① KEYPAD LAYOUT:  
 THIS IS THE STANDARD LAYOUT OF THE KEYPAD.  
 FOR SPECIAL LAYOUTS, PLEASE CONTACT DAISY DATA.

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	DRAWING NUMBER <b>E086</b>	ITEM LOCATION DIAGRAM DRAWING

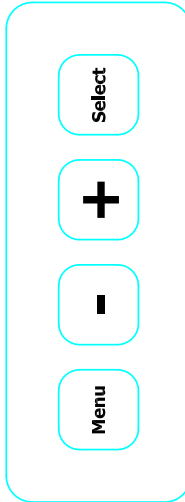
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**DRAWING NO. E097**

NOTES ON THE KEY FUNCTIONS:

- ① ON SCREEN DISPLAY PURPOSE:  
THE O.S.D. BUTTONS CONTROL THE BRIGHTNESS, CONTRAST AND SCREEN GEOMETRY OF THE IMAGE ON THE DISPLAY.
- ② SELECT:  
SELECTS AN ITEM FROM THE MENU.
- ③ "+":  
MOVES TO THE RIGHT ITEM IN THE MENU, OR MOVES THE HI-LIGHT BAR RIGHT.  
THE VALUE OF THE SELECTED ITEM. INCREASES
- ④ "-":  
MOVES TO THE LEFT ITEM IN THE MENU, OR MOVES THE HI-LIGHT BAR LEFT.  
THE VALUE OF THE SELECTED ITEM DECREASES
- ⑤ Menu  
OPENS AND CLOSES THE O.S.D. MENU

1301-000029  
KEYPAD FOR THE  
LCD ON SCREEN DISPLAY



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	DRAWING NUMBER <b>E097</b>	REV. <b>A</b>

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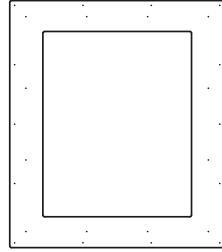
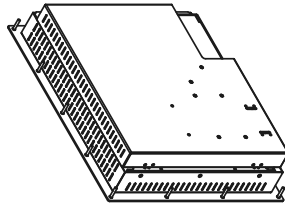
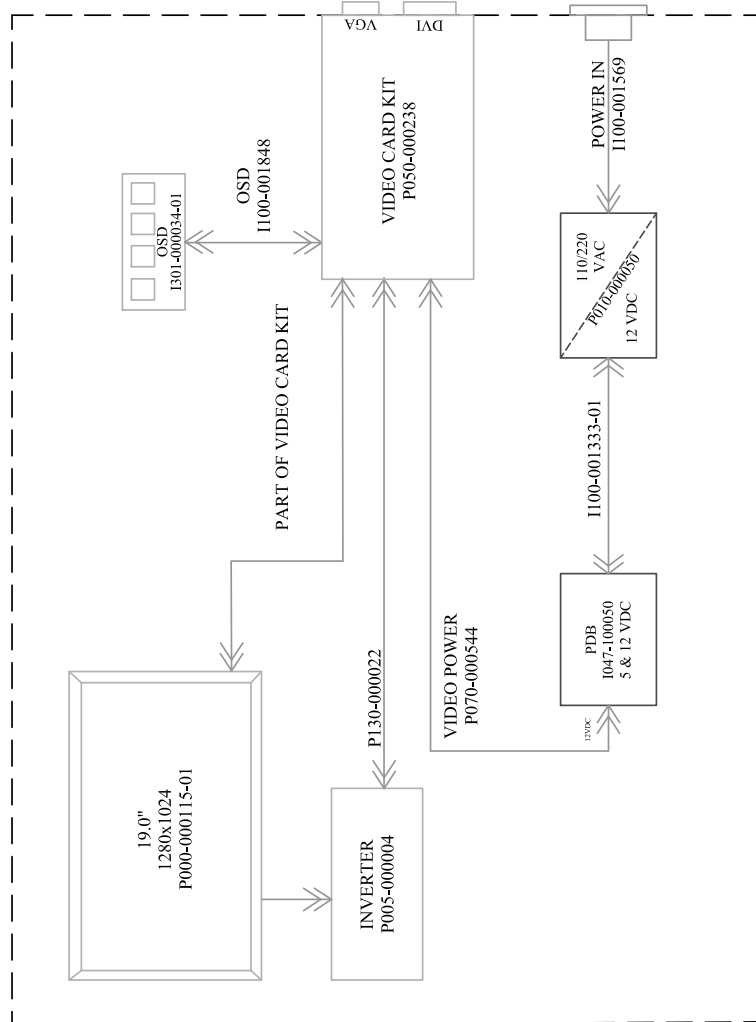
**Daisy Data, Inc.**

2850 Lewisberry Road, York Haven, PA 17370

ITEM LOCATION DIAGRAM DRAWING

**DRAWING NO.: E098**

PANEL MOUNT ENCLOSURE



VGA  
DE-15  
Mating Cable: P070-000038

POWER IN - 110/220VAC  
IEC - C14 (Male Inlet)  
Mating Cable: E000-030000

MODEL 2576: NEMA 4X PANELMOUNT FLAT PANEL 19" MONITOR

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	DRAWING NUMBER <b>E098</b>	REV. -

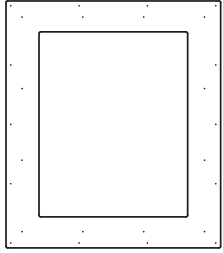
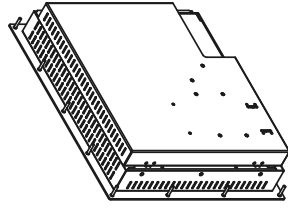
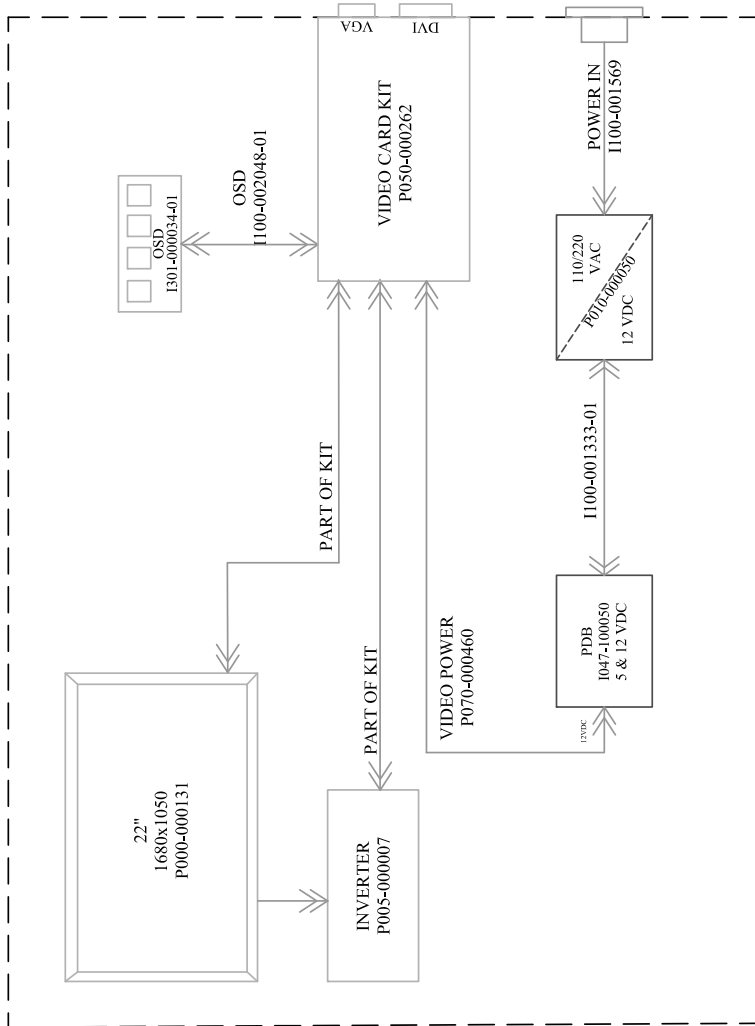
**Daisy Data, Inc.**  
 2850 Lewisberry Road, York Haven, PA 17370

**ELECTRICAL BLOCK DIAGRAM DRAWING**

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**DRAWING NO. E099**

PANEL MOUNT ENCLOSURE



VGA  
DE-15  
Mating Cable: P070-000038

MODEL 2578: NEMA 4X PANELMOUNT FLAT PANEL 22" MONITOR

POWER IN - 110/220VAC  
IEC - C14 (Male Inlet)  
Mating Cable: E000-030000

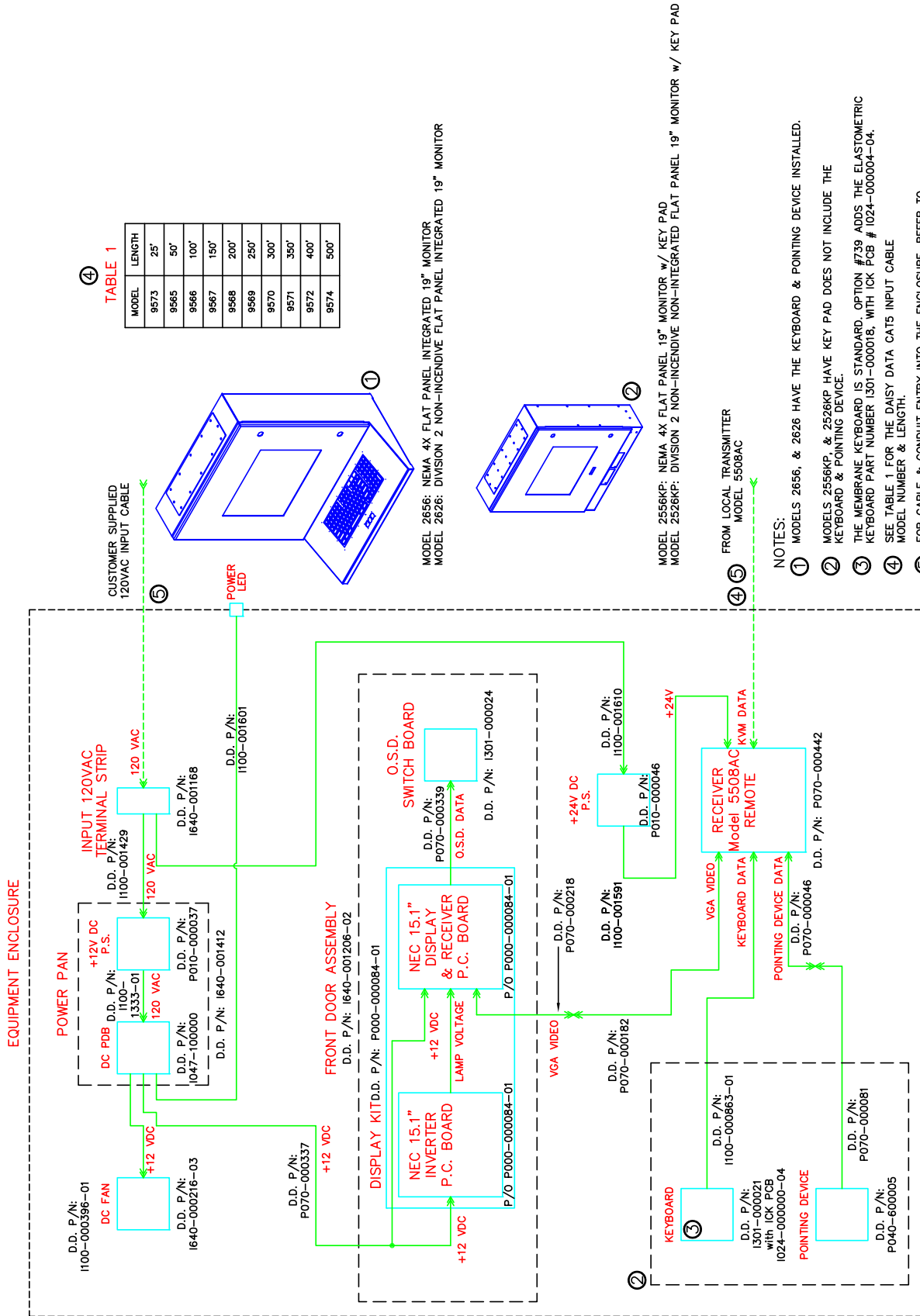
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	DRAWING NUMBER <b>E099</b>	REV. -

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**ELECTRICAL BLOCK DIAGRAM DRAWING**

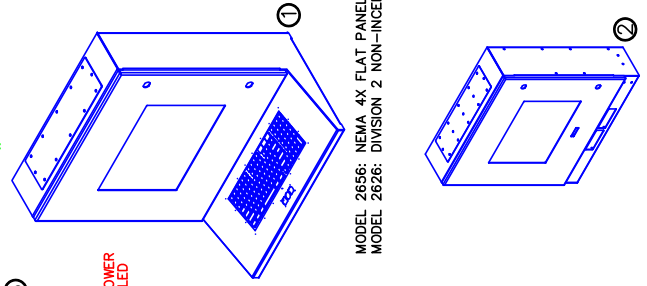
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DRAWING NO.: E100



**TABLE 1**

MODEL	LENGTH
9573	25"
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"
9571	350"
9572	400"
9574	500"



MODEL 2656: NEMA 4X FLAT PANEL INTEGRATED 19" MONITOR  
 MODEL 2626: DIVISION 2 NON-INCENDIVE FLAT PANEL INTEGRATED 19" MONITOR

MODEL 2558KP: NEMA 4X FLAT PANEL 19" MONITOR w/ KEY PAD  
 MODEL 2526KP: DIVISION 2 NON-INCENDIVE NON-INTEGRATED FLAT PANEL 19" MONITOR w/ KEY PAD

- NOTES:**
- MODELS 2656, & 2626 HAVE THE KEYBOARD & POINTING DEVICE INSTALLED.
  - MODELS 2558KP, & 2526KP HAVE KEY PAD DOES NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
  - THE MEMBRANE KEYBOARD IS STANDARD, OPTION #739 ADDS THE ELASTOMETRIC KEYBOARD PART NUMBER 1301-000018, WITH ICK PCB # 1024-000004-04.
  - SEE TABLE 1 FOR THE DAISY DATA CAT5 INPUT CABLE MODEL NUMBER & LENGTH.
  - FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "P001"

**Daisy Data, Inc.**  
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**ELECTRICAL BLOCK DIAGRAM DRAWING**

REMOTE NON-PURGED 19" ENCLOSURE

DRAWING NUMBER: E100

REV. -

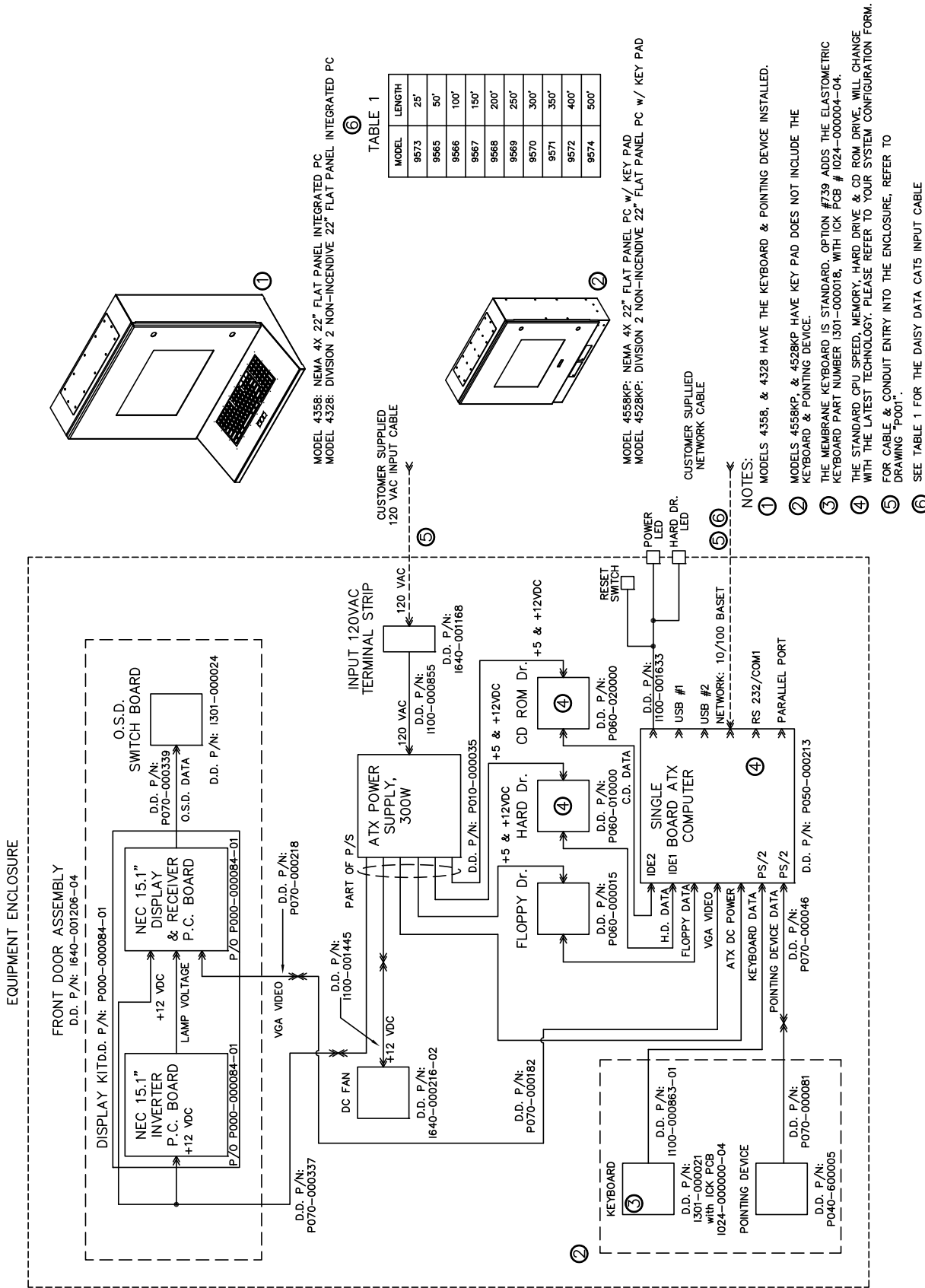
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**DRAWING NO. E103**



MODEL 4358: NEMA 4X 22" FLAT PANEL INTEGRATED PC  
 MODEL 4328: DIVISION 2 NON-INCENDIVE 22" FLAT PANEL INTEGRATED PC

TABLE 1

MODEL	LENGTH
9573	25"
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"
9571	350"
9572	400"
9574	500"

MODEL 4558KP: NEMA 4X 22" FLAT PANEL PC w/ KEY PAD  
 MODEL 4528KP: DIVISION 2 NON-INCENDIVE 22" FLAT PANEL PC w/ KEY PAD

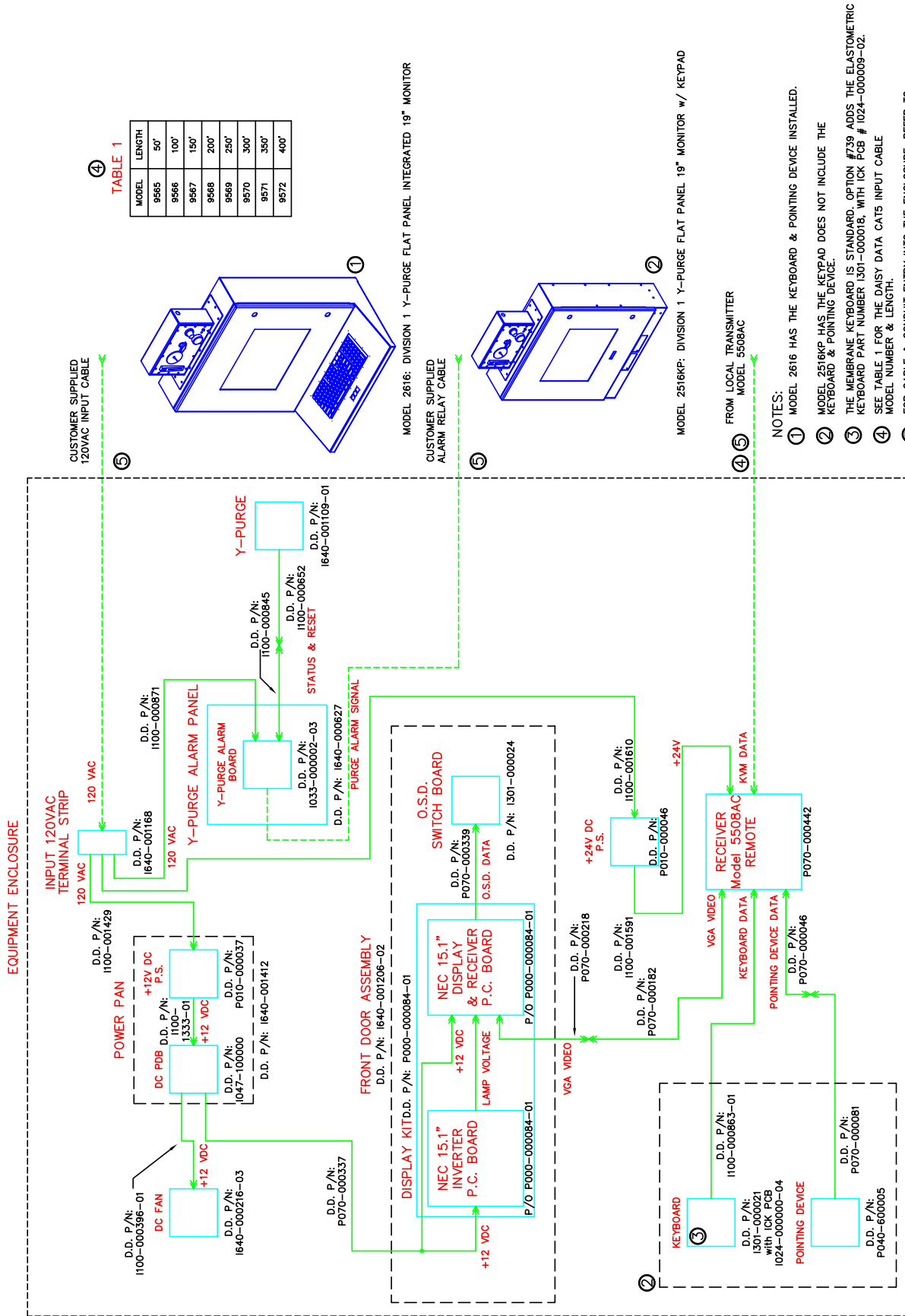
- NOTES:
- MODELS 4358, & 4328 HAVE THE KEYBOARD & POINTING DEVICE INSTALLED.
  - MODELS 4558KP, & 4528KP HAVE KEY PAD DOES NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
  - THE MEMBRANE KEYBOARD IS STANDARD. OPTION #739 ADDS THE ELASTOMETRIC KEYBOARD PART NUMBER 1301-000018, WITH ICK PCB # 1024-000004-04.
  - THE STANDARD CPU SPEED, MEMORY, HARD DRIVE, & CD ROM DRIVE, WILL CHANGE WITH THE LATEST TECHNOLOGY. PLEASE REFER TO YOUR SYSTEM CONFIGURATION FORM.
  - FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "P001".
  - SEE TABLE 1 FOR THE DAISY DATA CATS INPUT CABLE MODEL NUMBER & LENGTH.

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 ELECTRICAL BLOCK DIAGRAM DRAWING E103

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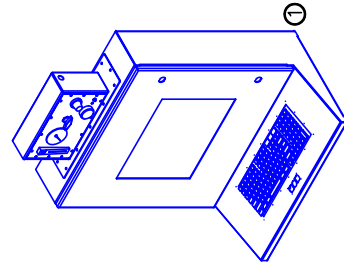
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DRAWING NO.: E104

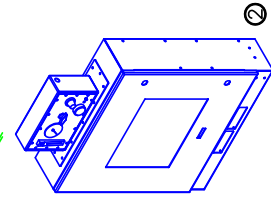


**TABLE 1**

MODEL	LENGTH
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"
9571	350"
9572	400"



MODEL 2616: DIVISION 1 Y--PURGE FLAT PANEL INTEGRATED 19" MONITOR



MODEL 2516KP: DIVISION 1 Y--PURGE FLAT PANEL 19" MONITOR w/ KEYPAD

CUSTOMER SUPPLIED  
120VAC INPUT CABLE

CUSTOMER SUPPLIED  
ALARM RELAY CABLE

FROM LOCAL TRANSMITTER  
MODEL 5508AC

- NOTES:**
- MODEL 2616 HAS THE KEYBOARD & POINTING DEVICE INSTALLED.
  - MODEL 2516KP HAS THE KEYPAD DOES NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
  - THE MEMBRANE KEYBOARD IS STANDARD. OPTION #739 ADDS THE ELASTOMETRIC KEYBOARD PART NUMBER I301-000018, WITH ICK PCB # I024-000009-02.
  - SEE TABLE 1 FOR THE DAISY DATA CATS INPUT CABLE MODEL NUMBER & LENGTH.
  - FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "P002".

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 REMOTE DIV. 1 Y--PURGED 19" ENCLOSURE  
 DRAWING NUMBER E104  
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DRAWING NO. E105

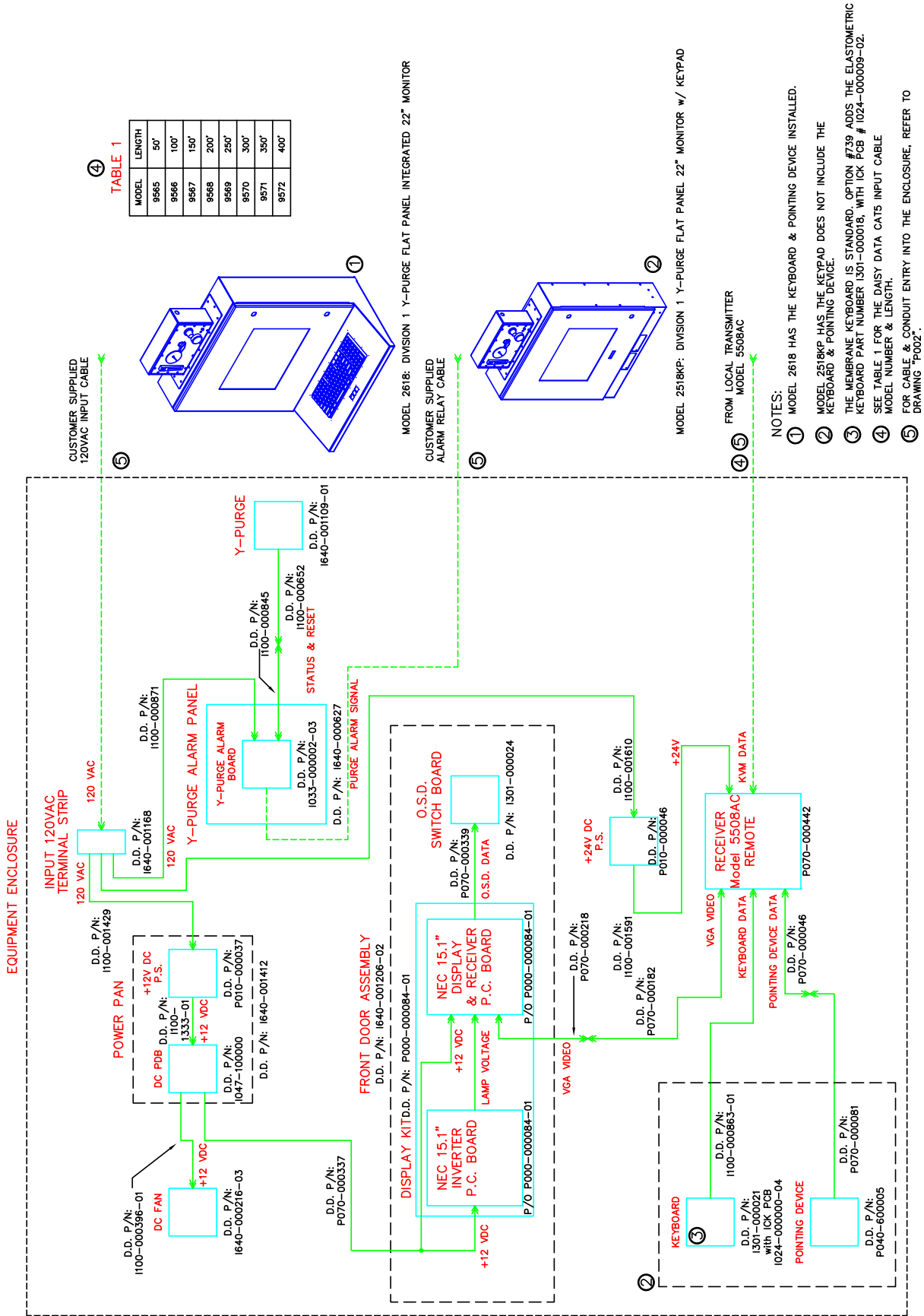
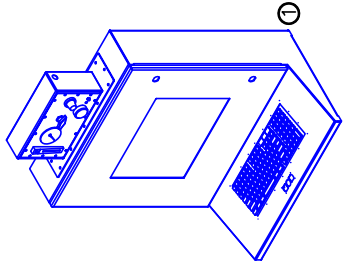
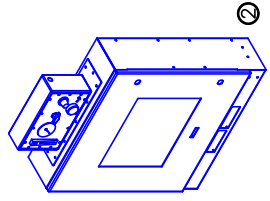


TABLE 1

MODEL	LENGTH
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"
9571	350"
9572	400"



MODEL 2618: DIVISION 1 Y-PURGE FLAT PANEL INTEGRATED 22" MONITOR



MODEL 2518(KP): DIVISION 1 Y-PURGE FLAT PANEL 22" MONITOR w/ KEYPAD

FROM LOCAL TRANSMITTER  
Model 5508AC

- NOTES:
- MODEL 2618 HAS THE KEYBOARD & POINTING DEVICE INSTALLED.
  - MODEL 2518(KP) HAS THE KEYPAD DOES NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
  - THE MEMBRANE KEYBOARD IS STANDARD. OPTION #739 ADDS THE ELASTOMETRIC KEYBOARD PART NUMBER 1301-000018, WITH ICK PCB # 1024-000009-02.
  - SEE TABLE 1 FOR THE DAISY DATA CAT5 INPUT CABLE MODEL NUMBER & LENGTH.
  - FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING P-002.

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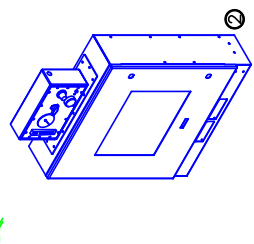
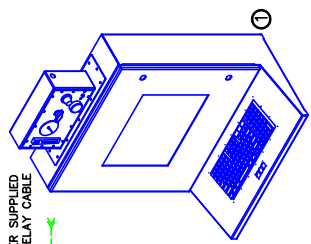
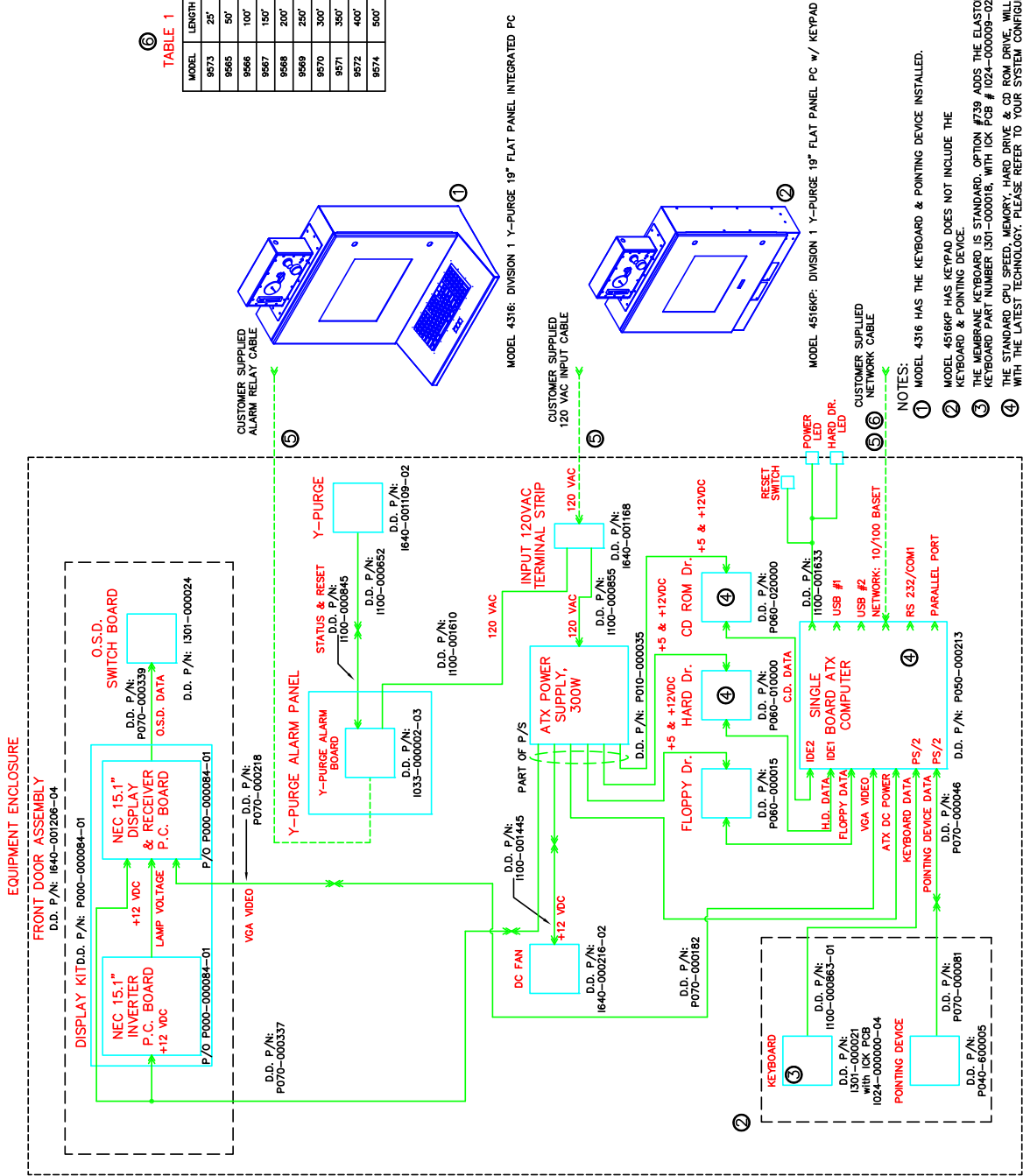
REMOTE DIV. 1 Y-PURGED  
 22" ENCLOSURE  
 DRAWING NUMBER E105  
 REV. —

DRAWING NO.: E106

⑥

**TABLE 1**

MODEL	LENGTH
9573	25"
9585	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"
9571	350"
9572	400"
9574	500"



- NOTES:**
- ① MODEL 4316 HAS THE KEYBOARD & POINTING DEVICE INSTALLED.
  - ② MODEL 4516KP HAS KEYPAD DOES NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
  - ③ THE MEMBRANE KEYBOARD IS STANDARD. OPTION #739 ADDS THE ELASTOMETRIC KEYBOARD PART NUMBER 1301-000018, WITH ICK PCB # 1024-000009-02.
  - ④ THE STANDARD CPU SPEED, MEMORY, HARD DRIVE & CD ROM DRIVE, WILL CHANGE WITH THE LATEST TECHNOLOGY. PLEASE REFER TO YOUR SYSTEM CONFIGURATION FORM.
  - ⑤ FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "P002".
  - ⑥ SEE TABLE 1 FOR THE DAISY DATA CAT5 INPUT CABLE MODEL NUMBER & LENGTH.

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**ENCLOSURE**  
 DRAWING NUMBER: E106  
 REV.:

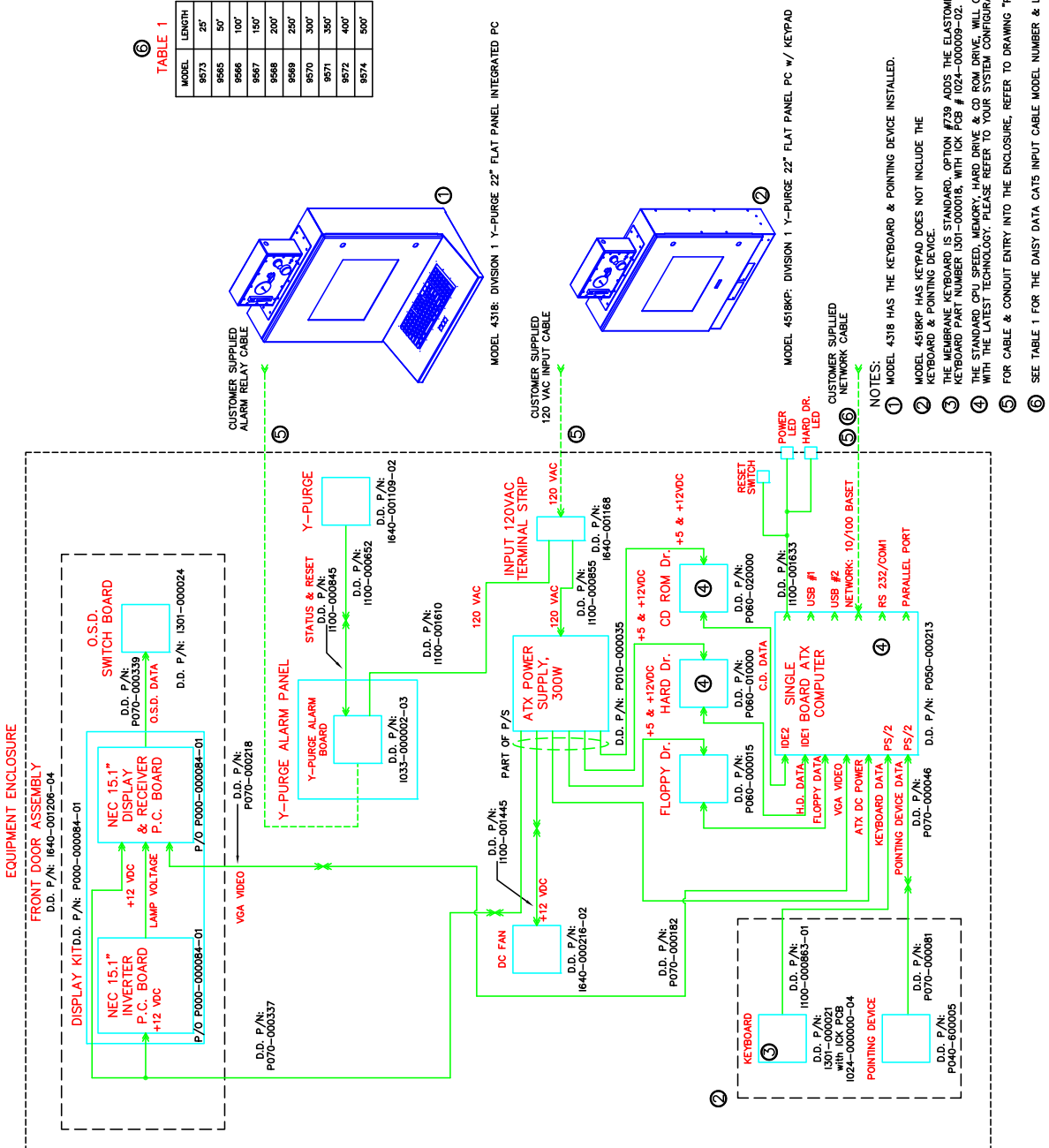
**ELECTRICAL BLOCK DIAGRAM**

⑥ SHEET 1 OF 1

DRAWING NO. E107

**TABLE 1**

MODEL	LENGTH
9573	25"
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"
9571	350"
9572	400"
9574	500"



**NOTES:**

- MODEL 4318 HAS THE KEYBOARD & POINTING DEVICE INSTALLED.
- MODEL 4518KP HAS KEYBOARD DOES NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
- THE MEMBRANE KEYBOARD IS STANDARD, OPTION #739 ADDS THE ELASTOMETRIC KEYBOARD PART NUMBER 1301-000021, WITH ICK PCB # 1024-000003-02.
- THE STANDARD CPU SPEED, MEMORY, HARD DRIVE & CD ROM DRIVE, WILL CHANGE WITH THE LATEST TECHNOLOGY, PLEASE REFER TO YOUR SYSTEM CONFIGURATION FORM.
- FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "P00Z".
- SEE TABLE 1 FOR THE DAISY DATA CAT5 INPUT CABLE MODEL NUMBER & LENGTH.

**FRONT DOOR ASSEMBLY**  
D.D. P/N: I640-001206-04

**EQUIPMENT ENCLOSURE**  
D.D. P/N: P000-000084-01

**DISPLAY KIT**  
D.D. P/N: P070-000337

**DC FAN**  
D.D. P/N: I640-000216-02

**KEYBOARD**  
D.D. P/N: I301-000021 with ICK PCB 1024-000003-04

**POINTING DEVICE**  
D.D. P/N: P040-600005

**Y-PURGE ALARM PANEL**  
D.D. P/N: P070-000218

**STATUS & RESET**  
D.D. P/N: I100-000845

**Y-PURGE ALARM BOARD**  
D.D. P/N: I033-000002-03

**ATX POWER SUPPLY, 300W**  
D.D. P/N: P010-000035

**FLOPPY DR.**  
D.D. P/N: P069-000315

**HARD DR.**  
D.D. P/N: P010-000035

**CD ROM Dr.**  
D.D. P/N: P069-020000

**SINGLE BOARD ATX COMPUTER**  
D.D. P/N: I100-001633

**RESET SWITCH**  
D.D. P/N: P069-020000

**POWER LED**  
D.D. P/N: I100-001633

**CUSTOMER SUPPLIED ALARM RELAY CABLE**

**CUSTOMER SUPPLIED 120 VAC INPUT CABLE**

**FRONT DOOR ASSEMBLY**  
D.D. P/N: I640-001206-04

**EQUIPMENT ENCLOSURE**  
D.D. P/N: P000-000084-01

**DISPLAY KIT**  
D.D. P/N: P070-000337

**DC FAN**  
D.D. P/N: I640-000216-02

**KEYBOARD**  
D.D. P/N: I301-000021 with ICK PCB 1024-000003-04

**POINTING DEVICE**  
D.D. P/N: P040-600005

**Y-PURGE ALARM PANEL**  
D.D. P/N: P070-000218

**STATUS & RESET**  
D.D. P/N: I100-000845

**Y-PURGE ALARM BOARD**  
D.D. P/N: I033-000002-03

**ATX POWER SUPPLY, 300W**  
D.D. P/N: P010-000035

**FLOPPY DR.**  
D.D. P/N: P069-000315

**HARD DR.**  
D.D. P/N: P010-000035

**CD ROM Dr.**  
D.D. P/N: P069-020000

**SINGLE BOARD ATX COMPUTER**  
D.D. P/N: I100-001633

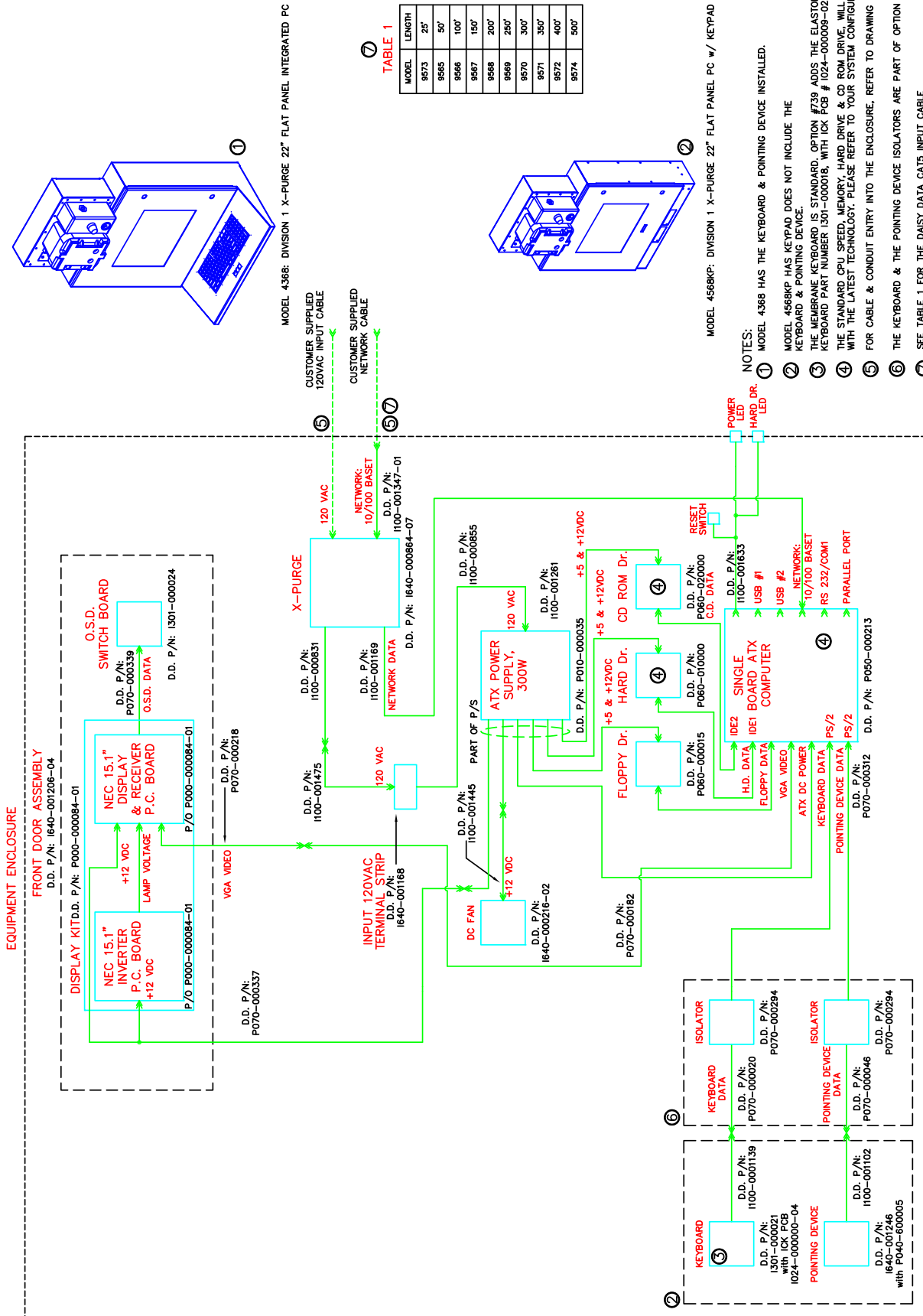
**RESET SWITCH**  
D.D. P/N: P069-020000

**POWER LED**  
D.D. P/N: I100-001633

**CUSTOMER SUPPLIED ALARM RELAY CABLE**

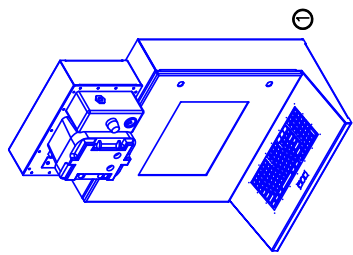
**CUSTOMER SUPPLIED 120 VAC INPUT CABLE**

DRAWING NO.: E111

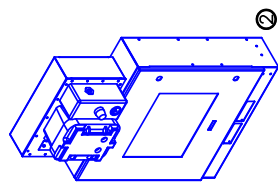


**TABLE 1**

MODEL	LENGTH
9573	25"
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"
9571	350"
9572	400"
9574	500"



MODEL 4368: DIVISION 1 X-PURGE 22" FLAT PANEL INTEGRATED PC



MODEL 4568KP: DIVISION 1 X-PURGE 22" FLAT PANEL PC w/ KEYPAD

- NOTES:**
- MODEL 4368 HAS THE KEYBOARD & POINTING DEVICE INSTALLED.
  - MODEL 4568KP HAS KEYBOARD DOES NOT INCLUDE THE KEYBOARD & POINTING DEVICE.
  - THE MEMBRANE KEYBOARD IS STANDARD. OPTION #739 ADDS THE ELASTOMETRIC KEYBOARD PART NUMBER 1501-000015, WITH ICK PCB # 1024-000009-02.
  - THE STANDARD CPU SPEED, MEMORY, HARD DRIVE & CD ROM DRIVE, WILL CHANGE WITH THE LATEST TECHNOLOGY. PLEASE REFER TO YOUR SYSTEM CONFIGURATION FORM.
  - FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "P007".
  - THE KEYBOARD & THE POINTING DEVICE ISOLATORS ARE PART OF OPTION # 783.
  - SEE TABLE 1 FOR THE DAISY DATA CAT5 INPUT CABLE MODEL NUMBER & LENGTH.

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 (717) 932-8000 or Visit Us At: www.daisydata.com

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Dimensions are in inches

ENCLOSURE WITH PC DIV. 1 X-PURGED 22" LCD with PC DIV. 1 X-PURGED 22" ENCLOSURE

ELECTRICAL BLOCK DIAGRAM DRAWING

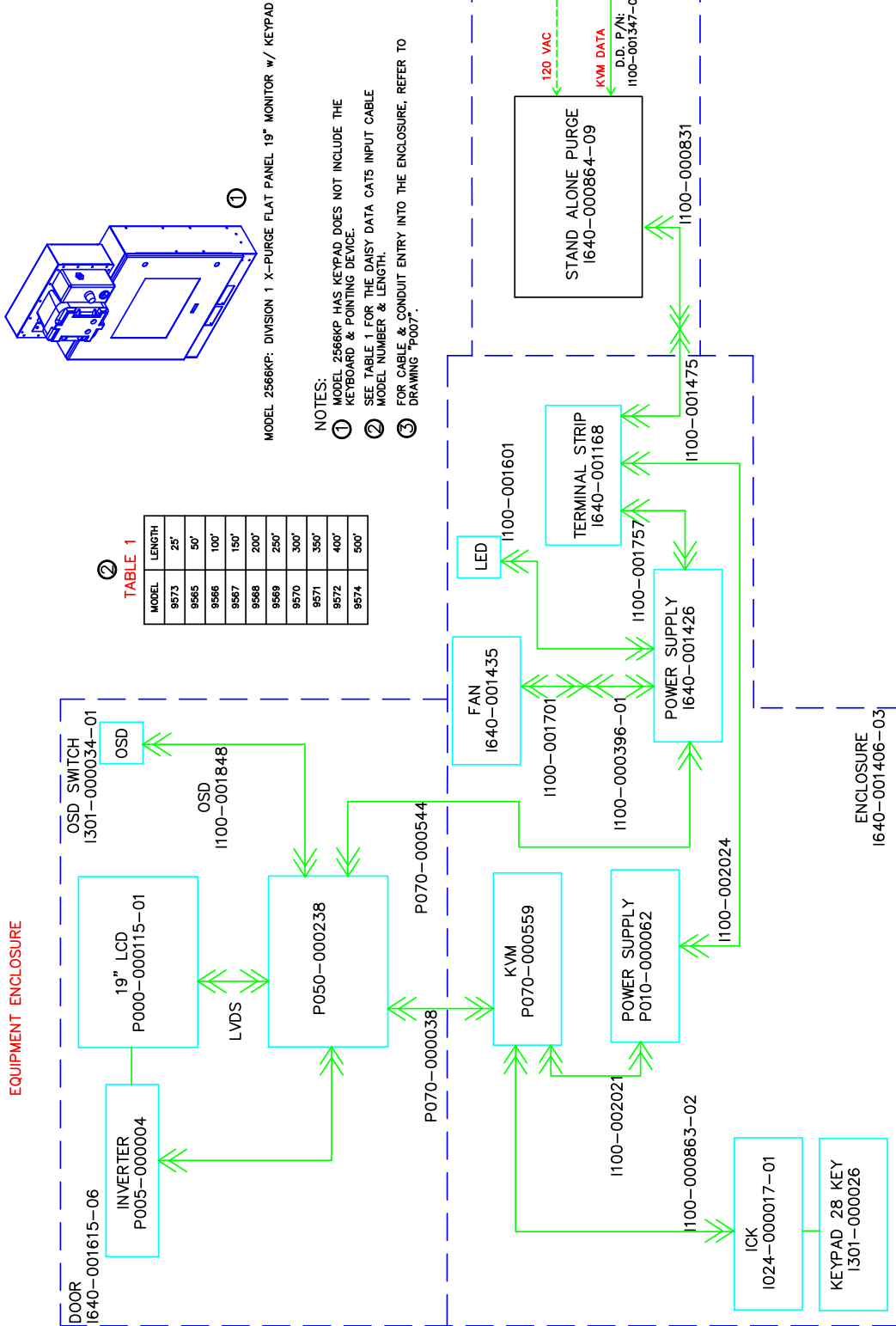
DRAWING NUMBER: E111

REV. -

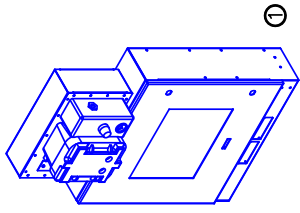
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SHEET 1 OF 1

DRAWING NO. E126



EQUIPMENT ENCLOSURE



MODEL 2566KP: DIVISION 1 X-PURGE FLAT PANEL 19" MONITOR w/ KEYPAD

TABLE 1

MODEL	LENGTH
9573	25"
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"
9571	350"
9572	400"
9574	500"

- NOTES:
- ① MODEL 2566KP HAS KEYPAD, DOES NOT INCLUDE THE KEYPAD & POINTING DEVICE.
  - ② SEE TABLE 1 FOR THE DAISY DATA CATS INPUT CABLE MODEL NUMBER & LENGTH.
  - ③ FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "P007".

**Daisy Data, Inc.**  
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ELECTRICAL BLOCK DIAGRAM DRAWING

REMOTE DIV. 1 X-PURGED 19" ENCLOSURE

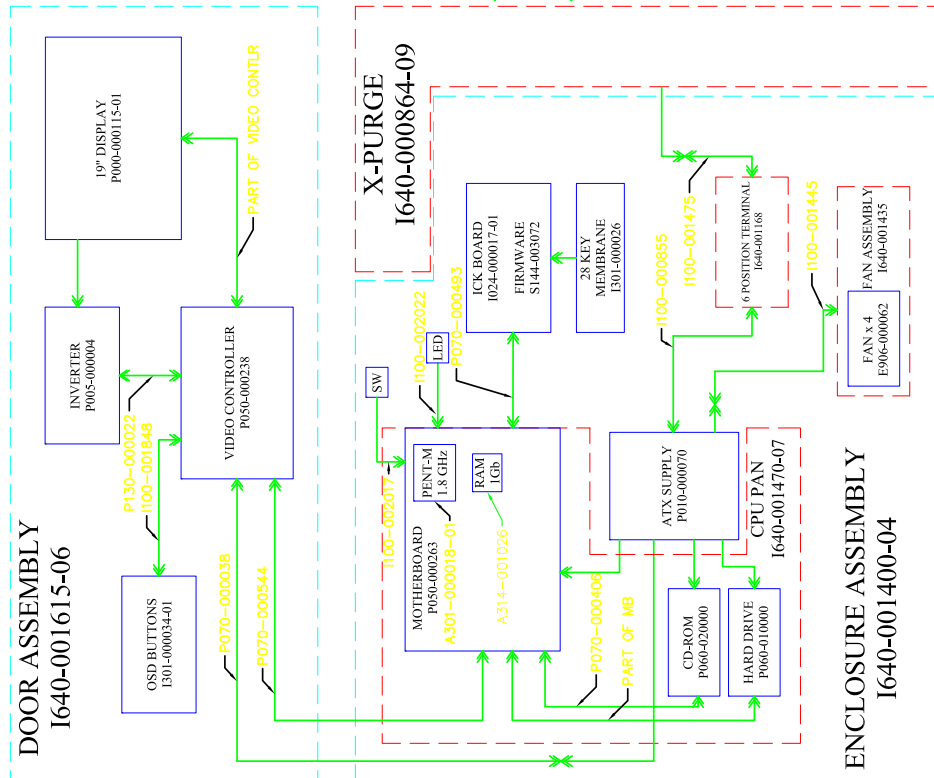
DRAWING NUMBER: E126

REV. -

SHEET 1 OF 1

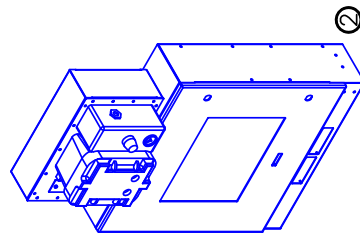


DRAWING NO.: E133



④ TABLE 1

MODEL	LENGTH
9573	25'
9565	50'
9566	100'
9567	150'
9568	200'
9569	250'
9570	300'
9571	350'
9572	400'
9574	500'



③ CUSTOMER SUPPLIED  
120VAC INPUT CABLE

③ CUSTOMER SUPPLIED  
NETWORK CABLE

③ NETWORK:  
10/100 BASET

③ D.D. P/N:  
1100-001347-01

MODEL 4566KP: DIVISION 1 X-PURGE 19" FLAT PANEL PC w/ KEYPAD

- NOTES:
- ① MODEL 4566KP HAS KEYPAD DOES NOT INCLUDE THE KEYPAD & POINTING DEVICE.
  - ② THE STANDARD CPU SPEED, MEMORY, HARD DRIVE & CD ROM DRIVE, WILL CHANGE WITH THE LATEST TECHNOLOGY. PLEASE REFER TO YOUR SYSTEM CONFIGURATION FORM.
  - ③ FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "P007".
  - ④ SEE TABLE 1 FOR THE DAISY DATA CAT5 INPUT CABLE MODEL NUMBER & LENGTH.

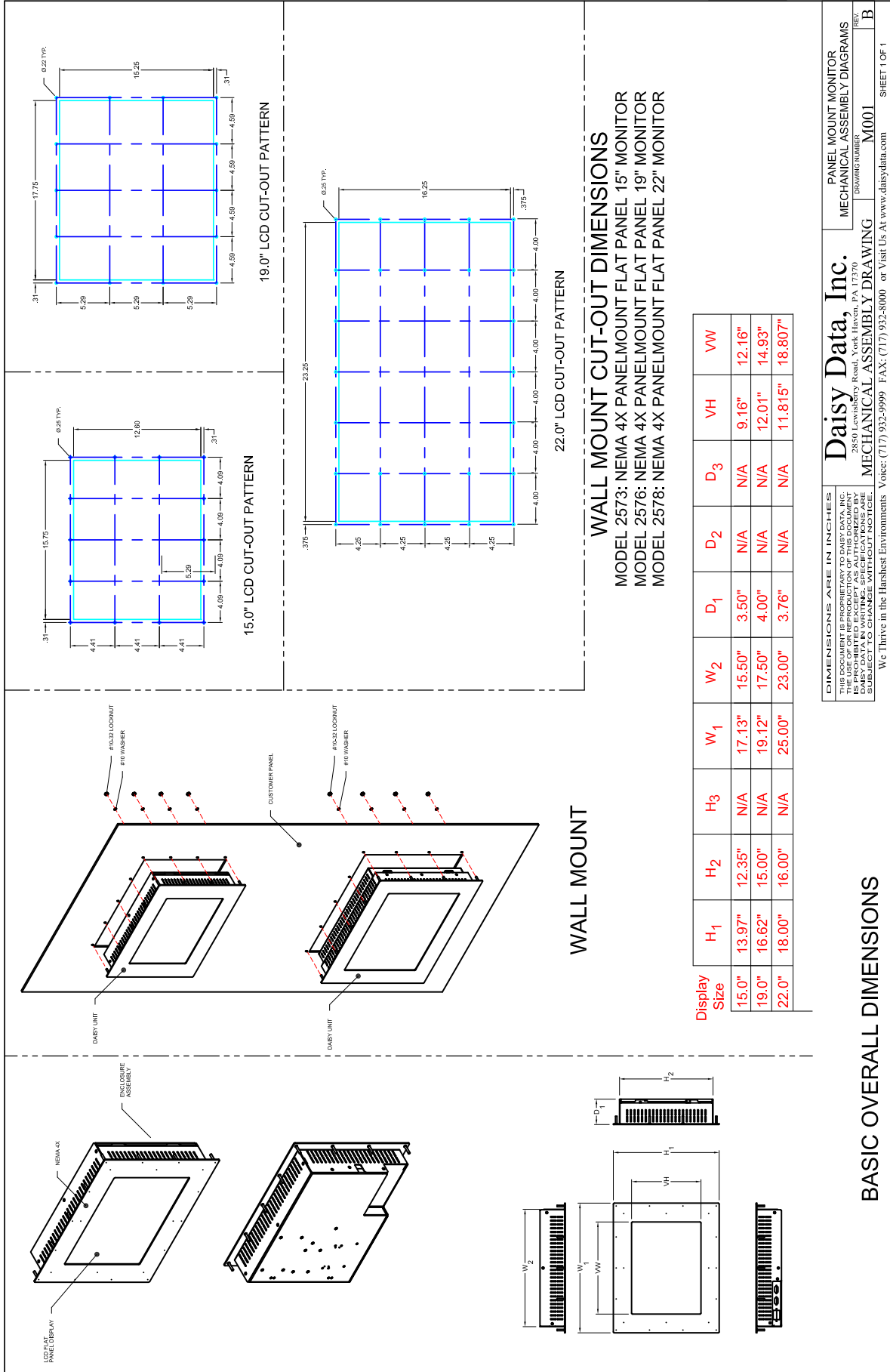
**Daisy Data, Inc.**  
2850 Lewisberry Road, York Haven, PA 17370

ELECTRICAL BLOCK DIAGRAM DRAWING

LCD with PC DIV. 1 X-PURGED 19" ENCLOSURE	DRAWING NUMBER	REV.
	E133	-

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DRAWING NO. M001



DRAWING NO.: M006

**MODEL 9113**

**WALL MOUNT**

DISPLAY SIZE	X	Y	Z
15.0"	21.00"	18.98"	9.49"
19.0" & 22.0"	27.00"	18.98"	9.49"

**PEDESTAL MOUNT**

MEASURED FROM TOP SURFACE OF MONITOR. POINTS OF INSTALLATION LEVELS ARE NOT USED.

**TABLETOP MOUNT**

**MODEL 2653:** NEMA 4X FLAT PANEL INTEGRATED 15" MONITOR  
**MODEL 2656:** NEMA 4X FLAT PANEL INTEGRATED 19" MONITOR  
**MODEL 2658:** NEMA 4X FLAT PANEL INTEGRATED 22" MONITOR  
**MODEL 4353:** NEMA 4X 15" FLAT PANEL INTEGRATED PC  
**MODEL 4356:** NEMA 4X 19" FLAT PANEL INTEGRATED PC  
**MODEL 4358:** NEMA 4X 22" FLAT PANEL INTEGRATED PC

DISPLAY SIZE	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	W <sub>1</sub>	W <sub>2</sub>	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	VH	VW
15.0"	23.25"	N/A	3.50"	19.00"	N/A	7.50"	16.50"	N/A	9.16"	12.16"
19.0"	28.25"	N/A	3.50"	25.00"	N/A	7.50"	16.50"	N/A	12.01"	14.93"
22.0"	28.25"	N/A	3.50"	25.00"	N/A	7.50"	16.50"	N/A	11.815"	18.807"

**BASIC OVERALL DIMENSIONS**

**WALL MOUNT HOLE DIMENSIONS**

PRN AND TAG FOR 1/4" DIA. BOLT (8 PLUS)

DIMENSIONS ARE IN INCHES  
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**Daisy Data, Inc.**  
 28500 Leventown Road, York Haven, PA 17370  
**MECHANICAL ASSEMBLY DRAWING**  
 DRAWING NUMBER: **M006**  
 REV: **B**  
 SHEET 1 OF 1

DRAWING NO. M007

**MODEL 9113**

PEDESTAL MOUNT

REMARKS: FOR USE WITH 15" MONITORS, 19" MONITORS, AND 22" MONITORS. LEVELERS ARE NOT USED.

TABLETOP MOUNT

WALL MOUNT

DISPLAY SIZE	X	Y	Z
15.0"	21.00"	18.98"	9.49"
19.0" & 22.0"	27.00"	18.98"	9.49"

PRN AND TAP FOR 1/4" DIA. BOLT (6 PLACES)

WALL MOUNT HOLE DIMENSIONS

**BASIC OVERALL DIMENSIONS**

DISPLAY SIZE	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	W <sub>1</sub>	W <sub>2</sub>	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	VH	VW
15.0"	23.25"	N/A	3.50"	19.00"	N/A	7.50"	16.50"	N/A	9.16"	12.16"
19.0"	28.25"	N/A	3.50"	25.00"	N/A	7.50"	16.50"	N/A	12.01"	14.93"
22.0"	28.25"	N/A	3.50"	25.00"	N/A	7.50"	16.50"	N/A	11.815"	18.807"

MODEL 2623: DIVISION 2 NON-INCENDIVE FLAT PANEL INTEGRATED 15" MONITOR  
 MODEL 2626: DIVISION 2 NON-INCENDIVE FLAT PANEL INTEGRATED 19" MONITOR  
 MODEL 2628: DIVISION 2 NON-INCENDIVE FLAT PANEL INTEGRATED 22" MONITOR  
 MODEL 4323: DIVISION 2 NON-INCENDIVE 15" FLAT PANEL INTEGRATED PC  
 MODEL 4326: DIVISION 2 NON-INCENDIVE 19" FLAT PANEL INTEGRATED PC  
 MODEL 4328: DIVISION 2 NON-INCENDIVE 22" FLAT PANEL INTEGRATED PC

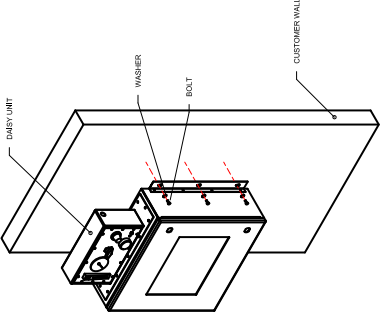
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 2850 Lehigh Valley Road, York Haven, PA 17370  
 MECHANICAL ASSEMBLY DRAWING M007

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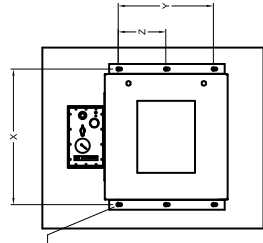
DIVISION 2 NON-INCENDIVE MECHANICAL ASSEMBLY DIAGRAM DRAWING NUMBER M007 SHEET 1 OF 1

**DRAWING NO.: M008**

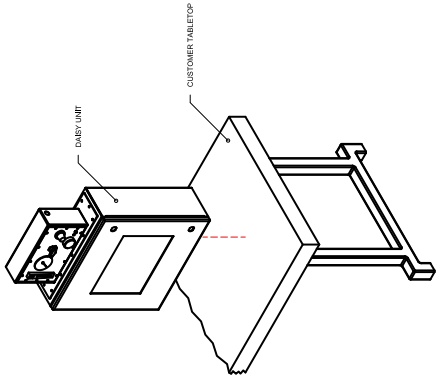


**WALL MOUNT**

DISPLAY SIZE	X	Y	Z
15.0"	21.00"	15.44"	7.72"
19.0" & 22.0"	27.00"	18.98"	9.49"



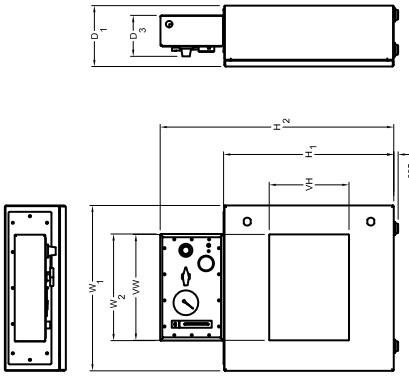
**WALL MOUNT  
HOLE DIMENSIONS**



**TABLETOP MOUNT**

MODEL 2513: DIVISION 1 Y-PURGE FLAT PANEL 15" MONITOR  
 MODEL 2516: DIVISION 1 Y-PURGE FLAT PANEL 19" MONITOR  
 MODEL 2519: DIVISION 1 Y-PURGE FLAT PANEL 22" MONITOR  
 MODEL 4513: DIVISION 1 Y-PURGE 15" FLAT PANEL PC  
 MODEL 4516: DIVISION 1 Y-PURGE 19" FLAT PANEL PC  
 MODEL 4519: DIVISION 1 Y-PURGE 22" FLAT PANEL PC

**BASIC OVERALL DIMENSIONS**



DISPLAY SIZE	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	W <sub>1</sub>	W <sub>2</sub>	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	VH	VW
15.0"	19.75"	27.13"	N/A	19.00"	12.25"	7.50"	N/A	5.00"	9.16"	12.16"
19.0"	24.75"	32.13"	N/A	25.00"	12.25"	7.50"	N/A	5.00"	12.01"	14.93"
22.0"	24.75"	32.13"	N/A	25.00"	12.25"	7.50"	N/A	5.00"	11.815"	18.807"

DIMENSIONS ARE IN INCHES

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**STAND ALONE Y-PURGE MECHANICAL ASSEMBLY DIAGRAMS**

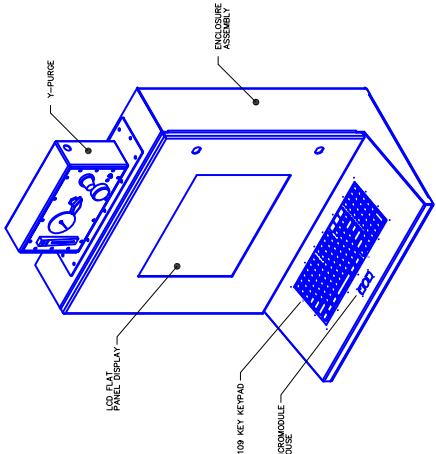
DRAWING NUMBER: **M008**

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2850 Lewisberry Road, York, Haven, PA 17370

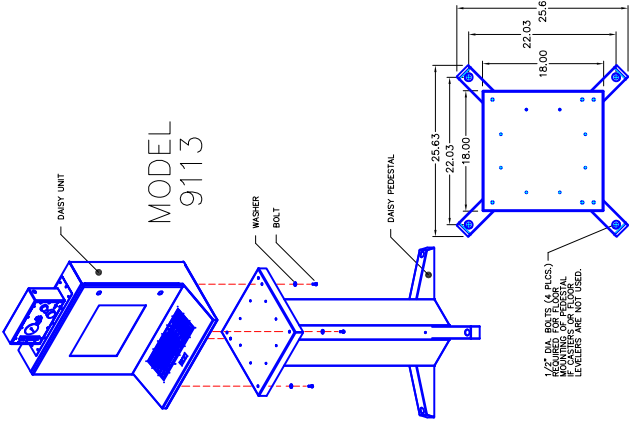
**MECHANICAL ASSEMBLY DRAWING**

SHEET 1 OF 1

DRAWING NO. M009

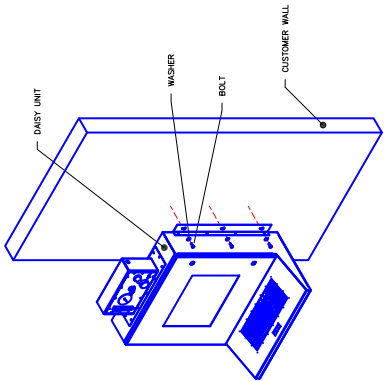


Y-PURGE  
ENCLOSURE ASSEMBLY  
LCD FLAT PANEL DISPLAY  
109 KEY KEYPAD  
MICROMODULE MOUSE



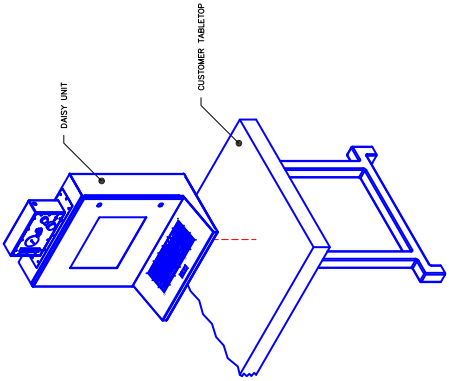
MODEL 9113  
Daisy Unit  
Washer  
Bolt  
Daisy Pedestal

1/4" DIA. BOLT (6 PLCS)  
REQUIRED FOR LOCAL POSITIONING OF FRONT LEVELERS ARE NOT USED.

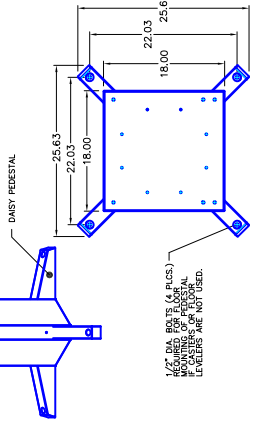


Daisy Unit  
Washer  
Bolt  
CUSTOMER WALL

**TABLETOP MOUNT**

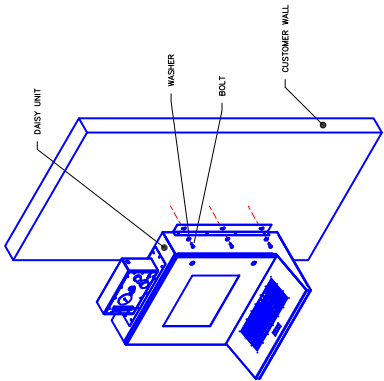


**PEDESTAL MOUNT**



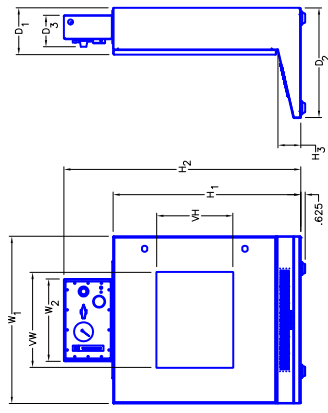
25.63  
22.00  
18.00  
22.03  
25.63

**WALL MOUNT**



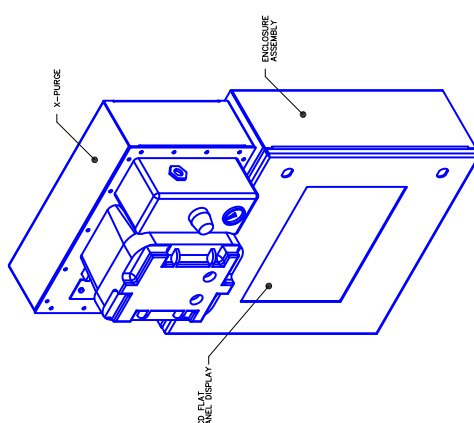
DISPLAY SIZE	X	Y	Z
15.0"	21.00"	18.98"	9.49"
19.0" & 22.0"	27.00"	18.98"	9.49"

**BASIC OVERALL DIMENSIONS**



W<sub>1</sub> W<sub>2</sub> W<sub>3</sub> W<sub>4</sub> W<sub>5</sub> W<sub>6</sub> W<sub>7</sub> W<sub>8</sub> W<sub>9</sub> W<sub>10</sub> W<sub>11</sub> W<sub>12</sub> W<sub>13</sub> W<sub>14</sub> W<sub>15</sub> W<sub>16</sub> W<sub>17</sub> W<sub>18</sub> W<sub>19</sub> W<sub>20</sub> W<sub>21</sub> W<sub>22</sub> W<sub>23</sub> W<sub>24</sub> W<sub>25</sub> W<sub>26</sub> W<sub>27</sub> W<sub>28</sub> W<sub>29</sub> W<sub>30</sub> W<sub>31</sub> W<sub>32</sub> W<sub>33</sub> W<sub>34</sub> W<sub>35</sub> W<sub>36</sub> W<sub>37</sub> W<sub>38</sub> W<sub>39</sub> W<sub>40</sub> W<sub>41</sub> W<sub>42</sub> W<sub>43</sub> W<sub>44</sub> W<sub>45</sub> W<sub>46</sub> W<sub>47</sub> W<sub>48</sub> W<sub>49</sub> W<sub>50</sub> W<sub>51</sub> W<sub>52</sub> W<sub>53</sub> W<sub>54</sub> W<sub>55</sub> W<sub>56</sub> W<sub>57</sub> W<sub>58</sub> W<sub>59</sub> W<sub>60</sub> W<sub>61</sub> W<sub>62</sub> W<sub>63</sub> W<sub>64</sub> W<sub>65</sub> W<sub>66</sub> W<sub>67</sub> 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W<sub>132</sub> W<sub>133</sub> W<sub>134</sub> W<sub>135</sub> W<sub>136</sub> W<sub>137</sub> W<sub>138</sub> W<sub>139</sub> W<sub>140</sub> W<sub>141</sub> W<sub>142</sub> W<sub>143</sub> W<sub>144</sub> W<sub>145</sub> W<sub>146</sub> W<sub>147</sub> W<sub>148</sub> W<sub>149</sub> W<sub>150</sub> W<sub>151</sub> W<sub>152</sub> W<sub>153</sub> W<sub>154</sub> W<sub>155</sub> W<sub>156</sub> W<sub>157</sub> W<sub>158</sub> W<sub>159</sub> W<sub>160</sub> W<sub>161</sub> W<sub>162</sub> W<sub>163</sub> W<sub>164</sub> W<sub>165</sub> W<sub>166</sub> W<sub>167</sub> W<sub>168</sub> W<sub>169</sub> W<sub>170</sub> W<sub>171</sub> W<sub>172</sub> W<sub>173</sub> W<sub>174</sub> W<sub>175</sub> W<sub>176</sub> W<sub>177</sub> W<sub>178</sub> W<sub>179</sub> W<sub>180</sub> W<sub>181</sub> W<sub>182</sub> W<sub>183</sub> W<sub>184</sub> W<sub>185</sub> W<sub>186</sub> W<sub>187</sub> W<sub>188</sub> W<sub>189</sub> W<sub>190</sub> W<sub>191</sub> W<sub>192</sub> W<sub>193</sub> W<sub>194</sub> W<sub>195</sub> W<sub>196</sub> W<sub>197</sub> W<sub>198</sub> W<sub>199</sub> W<sub>200</sub> W<sub>201</sub> W<sub>202</sub> W<sub>203</sub> W<sub>204</sub> W<sub>205</sub> W<sub>206</sub> W<sub>207</sub> W<sub>208</sub> W<sub>209</sub> W<sub>210</sub> W<sub>211</sub> W<sub>212</sub> W<sub>213</sub> W<sub>214</sub> W<sub>215</sub> W<sub>216</sub> W<sub>217</sub> W<sub>218</sub> W<sub>219</sub> W<sub>220</sub> W<sub>221</sub> W<sub>222</sub> W<sub>223</sub> W<sub>224</sub> W<sub>225</sub> W<sub>226</sub> W<sub>227</sub> W<sub>228</sub> W<sub>229</sub> W<sub>230</sub> W<sub>231</sub> W<sub>232</sub> W<sub>233</sub> W<sub>234</sub> W<sub>235</sub> W<sub>236</sub> W<sub>237</sub> W<sub>238</sub> W<sub>239</sub> W<sub>240</sub> W<sub>241</sub> W<sub>242</sub> W<sub>243</sub> W<sub>244</sub> W<sub>245</sub> W<sub>246</sub> W<sub>247</sub> W<sub>248</sub> W<sub>249</sub> W<sub>250</sub> W<sub>251</sub> W<sub>252</sub> W<sub>253</sub> W<sub>254</sub> W<sub>255</sub> W<sub>256</sub> W<sub>257</sub> W<sub>258</sub> W<sub>259</sub> W<sub>260</sub> W<sub>261</sub> W<sub>262</sub> W<sub>263</sub> W<sub>264</sub> W<sub>265</sub> W<sub>266</sub> W<sub>267</sub> W<sub>268</sub> W<sub>269</sub> W<sub>270</sub> W<sub>271</sub> W<sub>272</sub> W<sub>273</sub> W<sub>274</sub> W<sub>275</sub> W<sub>276</sub> W<sub>277</sub> W<sub>278</sub> W<sub>279</sub> W<sub>280</sub> W<sub>281</sub> W<sub>282</sub> W<sub>283</sub> W<sub>284</sub> W<sub>285</sub> W<sub>286</sub> W<sub>287</sub> W<sub>288</sub> W<sub>289</sub> W<sub>290</sub> W<sub>291</sub> W<sub>292</sub> W<sub>293</sub> W<sub>294</sub> W<sub>295</sub> W<sub>296</sub> W<sub>297</sub> W<sub>298</sub> W<sub>299</sub> W<sub>300</sub> W<sub>301</sub> W<sub>302</sub> W<sub>303</sub> W<sub>304</sub> W<sub>305</sub> W<sub>306</sub> W<sub>307</sub> W<sub>308</sub> W<sub>309</sub> W<sub>310</sub> W<sub>311</sub> W<sub>312</sub> W<sub>313</sub> W<sub>314</sub> W<sub>315</sub> W<sub>316</sub> W<sub>317</sub> 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W<sub>442</sub> W<sub>443</sub> W<sub>444</sub> W<sub>445</sub> W<sub>446</sub> W<sub>447</sub> W<sub>448</sub> W<sub>449</sub> W<sub>450</sub> W<sub>451</sub> W<sub>452</sub> W<sub>453</sub> W<sub>454</sub> W<sub>455</sub> W<sub>456</sub> W<sub>457</sub> W<sub>458</sub> W<sub>459</sub> W<sub>460</sub> W<sub>461</sub> W<sub>462</sub> W<sub>463</sub> W<sub>464</sub> W<sub>465</sub> W<sub>466</sub> W<sub>467</sub> W<sub>468</sub> W<sub>469</sub> W<sub>470</sub> W<sub>471</sub> W<sub>472</sub> W<sub>473</sub> W<sub>474</sub> W<sub>475</sub> W<sub>476</sub> W<sub>477</sub> W<sub>478</sub> W<sub>479</sub> W<sub>480</sub> W<sub>481</sub> W<sub>482</sub> W<sub>483</sub> W<sub>484</sub> W<sub>485</sub> W<sub>486</sub> W<sub>487</sub> W<sub>488</sub> W<sub>489</sub> W<sub>490</sub> W<sub>491</sub> W<sub>492</sub> W<sub>493</sub> W<sub>494</sub> W<sub>495</sub> W<sub>496</sub> W<sub>497</sub> W<sub>498</sub> W<sub>499</sub> W<sub>500</sub> W<sub>501</sub> W<sub>502</sub> W<sub>503</sub> 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W<sub>566</sub> W<sub>567</sub> W<sub>568</sub> W<sub>569</sub> W<sub>570</sub> W<sub>571</sub> W<sub>572</sub> W<sub>573</sub> W<sub>574</sub> W<sub>575</sub> W<sub>576</sub> W<sub>577</sub> W<sub>578</sub> W<sub>579</sub> W<sub>580</sub> W<sub>581</sub> W<sub>582</sub> W<sub>583</sub> W<sub>584</sub> W<sub>585</sub> W<sub>586</sub> W<sub>587</sub> W<sub>588</sub> W<sub>589</sub> W<sub>590</sub> W<sub>591</sub> W<sub>592</sub> W<sub>593</sub> W<sub>594</sub> W<sub>595</sub> W<sub>596</sub> W<sub>597</sub> W<sub>598</sub> W<sub>599</sub> W<sub>600</sub> W<sub>601</sub> W<sub>602</sub> W<sub>603</sub> W<sub>604</sub> W<sub>605</sub> W<sub>606</sub> W<sub>607</sub> W<sub>608</sub> W<sub>609</sub> W<sub>610</sub> W<sub>611</sub> W<sub>612</sub> W<sub>613</sub> W<sub>614</sub> W<sub>615</sub> W<sub>616</sub> W<sub>617</sub> W<sub>618</sub> W<sub>619</sub> W<sub>620</sub> W<sub>621</sub> W<sub>622</sub> W<sub>623</sub> W<sub>624</sub> W<sub>625</sub> W<sub>626</sub> W<sub>627</sub> W<sub>628</sub> W<sub>629</sub> W<sub>630</sub> W<sub>631</sub> W<sub>632</sub> W<sub>633</sub> W<sub>634</sub> W<sub>635</sub> W<sub>636</sub> W<sub>637</sub> W<sub>638</sub> W<sub>639</sub> W<sub>640</sub> W<sub>641</sub> W<sub>642</sub> W<sub>643</sub> W<sub>644</sub> W<sub>645</sub> W<sub>646</sub> W<sub>647</sub> W<sub>648</sub> W<sub>649</sub> W<sub>650</sub> W<sub>651</sub> W<sub>652</sub> W<sub>653</sub> W<sub>654</sub> W<sub>655</sub> W<sub>656</sub> W<sub>657</sub> W<sub>658</sub> W<sub>659</sub> W<sub>660</sub> W<sub>661</sub> W<sub>662</sub> W<sub>663</sub> W<sub>664</sub> W<sub>665</sub> W<sub>666</sub> W<sub>667</sub> W<sub>668</sub> W<sub>669</sub> W<sub>670</sub> W<sub>671</sub> W<sub>672</sub> W<sub>673</sub> W<sub>674</sub> W<sub>675</sub> W<sub>676</sub> W<sub>677</sub> W<sub>678</sub> W<sub>679</sub> W<sub>680</sub> W<sub>681</sub> W<sub>682</sub> W<sub>683</sub> W<sub>684</sub> W<sub>685</sub> W<sub>686</sub> W<sub>687</sub> W<sub>688</sub> W<sub>689</sub> 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W<sub>1116</sub> W<sub>1117</sub> W<sub>1118</sub> W<sub>1119</sub> W<sub>1120</sub> W<sub>1121</sub> W<sub>1122</sub> W<sub>1123</sub> W<sub>1124</sub> W<sub>1125</sub> W<sub>1126</sub> W<sub>1127</sub> W<sub>1128</sub> W<sub>1129</sub> W<sub>1130</sub> W<sub>1131</sub> W<sub>1132</sub> W<sub>1133</sub> W<sub>1134</sub> W<sub>1135</sub> W<sub>1136</sub> W<sub>1137</sub> W<sub>1138</sub> W<sub>1139</sub> W<sub>1140</sub> W<sub>1141</sub> W<sub>1142</sub>

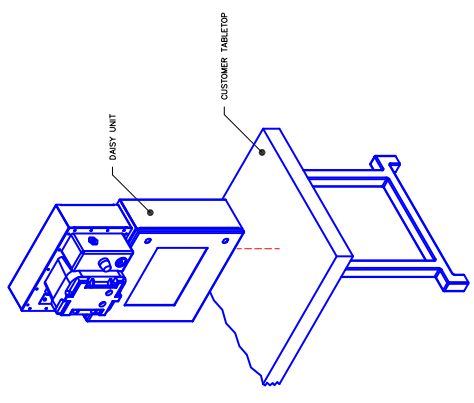
DRAWING NO.: M010



LSD FLAT PANEL DISPLAY

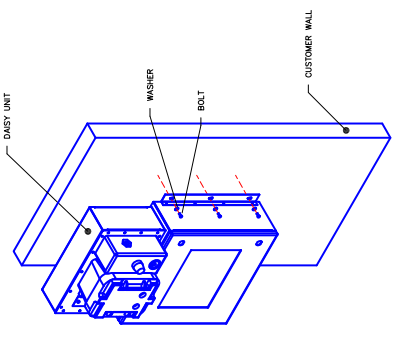
ENCLOSURE ASSEMBLY

X-PURGE



DASY UNIT

CUSTOMER TABLETOP



DASY UNIT

WASHER

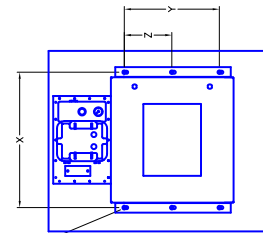
BOLT

CUSTOMER WALL

TABLETOP MOUNT

WALL MOUNT

DISPLAY SIZE	X	Y	Z
15.0"	21.00"	15.44"	7.72"
19.0" & 22.0"	27.00"	18.98"	9.49"



X

Y

Z

PPL AND TAP FOR 1/4" DIA. BOLT (6 PLUGS)

DIMENSIONS ARE IN INCHES  
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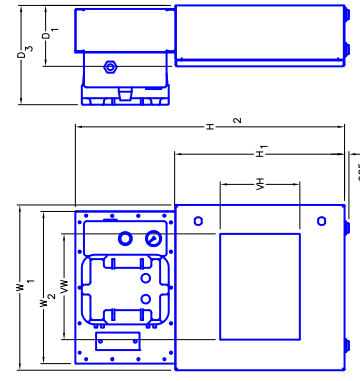
STAND ALONE X-PURGE MECHANICAL ASSEMBLY DIAGRAMS  
DRAWING NUMBER: M010 REV: B

SHEET 1 OF 1

MODEL 2563KP: DIVISION 1 X-PURGE FLAT PANEL 15" MONITOR w/ KEYPAD  
 MODEL 2566KP: DIVISION 1 X-PURGE FLAT PANEL 19" MONITOR w/ KEYPAD  
 MODEL 2568KP: DIVISION 1 X-PURGE FLAT PANEL 22" MONITOR w/ KEYPAD  
 MODEL 4563KP: DIVISION 1 X-PURGE 15" FLAT PANEL PC w/ KEYPAD  
 MODEL 4566KP: DIVISION 1 X-PURGE 19" FLAT PANEL PC w/ KEYPAD  
 MODEL 4568KP: DIVISION 1 X-PURGE 22" FLAT PANEL PC w/ KEYPAD

DISPLAY SIZE	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	W <sub>1</sub>	W <sub>2</sub>	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	VH	VW
15.0"	19.75"	31.25"	N/A	19.00"	17.50"	7.50"	N/A	11.25"	9.16"	12.16"
19.0"	24.75"	36.25"	N/A	25.00"	17.50"	7.50"	N/A	11.25"	12.01"	14.93"
22.0"	24.75"	36.25"	N/A	25.00"	17.50"	7.50"	N/A	11.25"	11.815"	18.807"

BASIC OVERALL DIMENSIONS



W<sub>1</sub>

W<sub>2</sub>

VH

VW

H

H<sub>1</sub>

H<sub>2</sub>

H<sub>3</sub>

D<sub>1</sub>

D<sub>2</sub>

D<sub>3</sub>

.625"

DRAWING NO. M011

**PEDESTAL MOUNT**  
MODEL 9113

**TABLETOP MOUNT**

**WALL MOUNT**

DISPLAY SIZE	X	Y	Z
15.0"	21.00"	18.98"	9.49"
19.0" & 22.0"	27.00"	18.98"	9.49"

**MODEL 2663:** DIVISION 1 X-PURGE FLAT PANEL INTEGRATED 15" MONITOR  
**MODEL 2666:** DIVISION 1 X-PURGE FLAT PANEL INTEGRATED 19" MONITOR  
**MODEL 2668:** DIVISION 1 X-PURGE FLAT PANEL INTEGRATED 22" MONITOR  
**MODEL 4363:** DIVISION 1 X-PURGE 15" FLAT PANEL INTEGRATED PC  
**MODEL 4366:** DIVISION 1 X-PURGE 19" FLAT PANEL INTEGRATED PC  
**MODEL 4368:** DIVISION 1 X-PURGE 22" FLAT PANEL INTEGRATED PC

DISPLAY SIZE	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	W <sub>1</sub>	W <sub>2</sub>	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	VH	VW
15.0"	23.25"	34.75"	3.50"	19.00"	17.50"	7.50"	16.50"	11.25"	9.16"	12.16"
19.0"	28.25"	39.75"	3.50"	25.00"	17.50"	7.50"	16.50"	11.25"	12.01"	14.93"
22.0"	28.25"	39.75"	3.50"	25.00"	17.50"	7.50"	16.50"	11.25"	11.815"	18.807"

**BASIC OVERALL DIMENSIONS**

**STAND ALONE X-PURGE MECHANICAL ASSEMBLY DIAGRAMS**

DRAWING NUMBER	REV.
M011	B

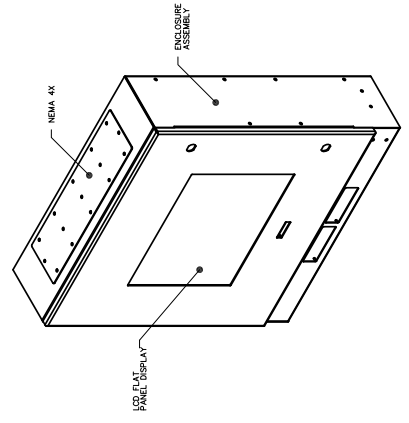
SHEET 1 OF 1

**Daisy Data, Inc.**  
 2850 Lehigh Valley Road, York Haven, PA 17370  
 MECHANICAL ASSEMBLY DRAWING

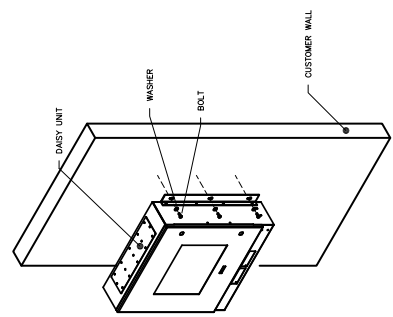
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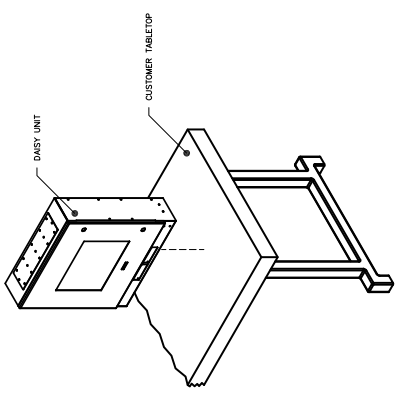
DRAWING NO.: M018



NEMA 4X  
ENCLOSURE ASSEMBLY  
LCD FLAT PANEL DISPLAY



Daisy Unit  
Washer  
Bolt  
CUSTOMER WALL



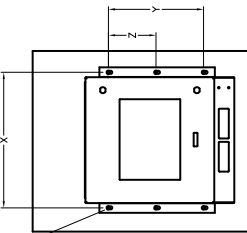
Daisy Unit  
CUSTOMER TABLETOP

**WALL MOUNT**

DISPLAY SIZE	X	Y	Z
15.0"	21.00"	15.44"	7.72"
19.0" & 22.0"	27.00"	18.98"	9.49"

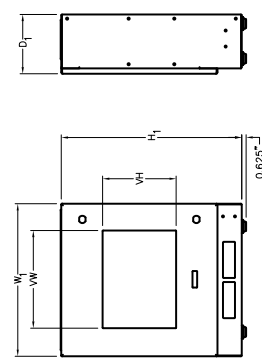
**TABLETOP MOUNT**

**WALL MOUNT HOLE DIMENSIONS**



1/4" DIA. BOLT (6 PLUGS)

**BASIC OVERALL DIMENSIONS**

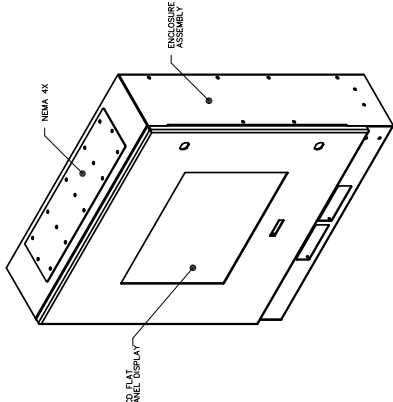


MODEL 2553KP: NEMA 4X FLAT PANEL 15" MONITOR w/ KEYPAD  
 MODEL 2556KP: NEMA 4X FLAT PANEL 19" MONITOR w/ KEYPAD  
 MODEL 2558KP: NEMA 4X FLAT PANEL 22" MONITOR w/ KEYPAD  
 MODEL 4553KP: NEMA 4X 15" FLAT PANEL PC w/ KEYPAD  
 MODEL 4556KP: NEMA 4X 19" FLAT PANEL PC w/ KEYPAD  
 MODEL 4558KP: NEMA 4X 22" FLAT PANEL PC w/ KEYPAD

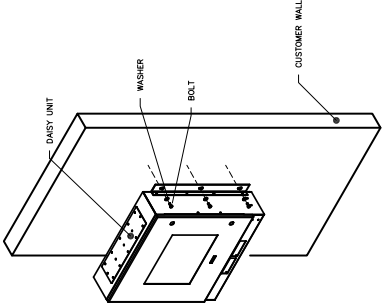
DISPLAY SIZE	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	W <sub>1</sub>	W <sub>2</sub>	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	VH	VW
15.0"	22.50"	N/A	N/A	19.00"	N/A	7.50"	N/A	N/A	9.16"	12.16"
19.0"	27.50"	N/A	N/A	25.00"	N/A	7.50"	N/A	N/A	12.01"	14.93"
22.0"	27.50"	N/A	N/A	25.00"	N/A	7.50"	N/A	N/A	11.815"	18.807"

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 MECHANICAL ASSEMBLY DRAWING  
 DRAWING NUMBER: M018  
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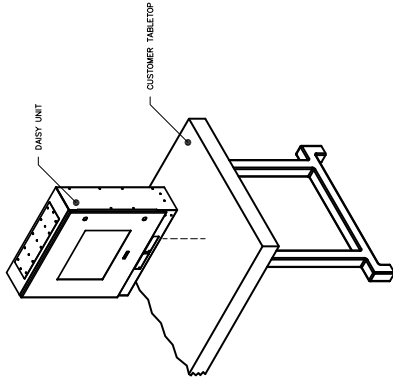
**DRAWING NO. M019**



NEMA 4X  
ENCLOSURE ASSEMBLY  
LCD FLAT PANEL DISPLAY



Daisy Unit  
Washer  
Bolt  
Customer Wall

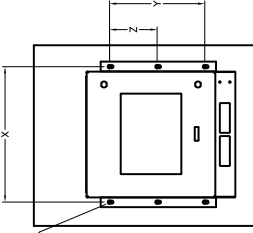


Daisy Unit  
Customer Tabletop

**WALL MOUNT**

DISPLAY SIZE	X	Y	Z
15.0"	21.00"	15.44"	7.72"
19.0" & 22.0"	27.00"	18.98"	9.49"

WALL MOUNT HOLE DIMENSIONS



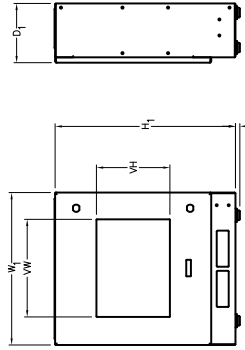
Ø9/16" DIA. BOLT (6 PLACES)

**TABLETOP MOUNT**

MODEL 2523KP: DIVISION 2 NON-INCENDIVE FLAT PANEL 15" MONITOR w/ KEYPAD  
 MODEL 2526KP: DIVISION 2 NON-INCENDIVE FLAT PANEL 19" MONITOR w/ KEYPAD  
 MODEL 2528KP: DIVISION 2 NON-INCENDIVE FLAT PANEL 22" MONITOR w/ KEYPAD  
 MODEL 4523KP: DIVISION 2 NON-INCENDIVE 15" FLAT PANEL PC w/ KEYPAD  
 MODEL 4526KP: DIVISION 2 NON-INCENDIVE 19" FLAT PANEL PC w/ KEYPAD  
 MODEL 4528KP: DIVISION 2 NON-INCENDIVE 22" FLAT PANEL PC w/ KEYPAD

DISPLAY SIZE	H <sub>1</sub>	H <sub>2</sub>	H <sub>3</sub>	W <sub>1</sub>	W <sub>2</sub>	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	VH	VW
15.0"	22.50"	N/A	N/A	19.00"	N/A	7.50"	N/A	N/A	9.16"	12.16"
19.0"	27.50"	N/A	N/A	25.00"	N/A	7.50"	N/A	N/A	12.01"	14.93"
22.0"	27.50"	N/A	N/A	25.00"	N/A	7.50"	N/A	N/A	11.815"	18.807"

**BASIC OVERALL DIMENSIONS**



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 MECHANICAL ASSEMBLY DRAWING  
 DRAWING NUMBER **M019** REV. **A**

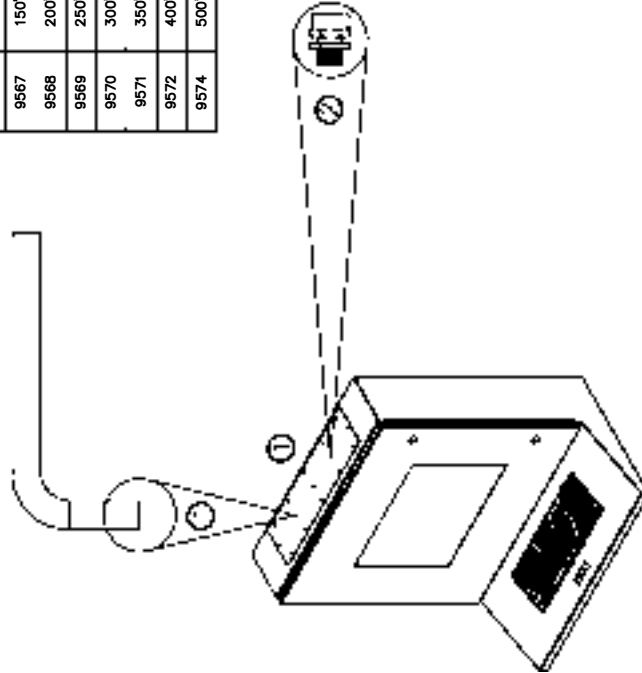
DIVISION 2 NON-INCENDIVE "KP"  
 MECHANICAL ASSEMBLY DIAGRAMS  
 SHEET 1 OF 1

DRAWING NO.: P001

③

TABLE 1

MODEL	LENGTH
9573	25'
9565	50'
9566	100'
9567	150'
9568	200'
9569	250'
9570	300'
9571	350'
9572	400'
9574	500'



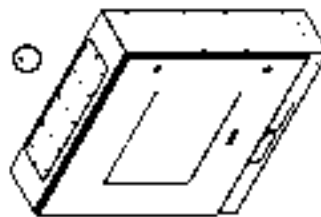
NOTES:

① REFER TO ALL LOCAL CODES FOR CONDUIT ENTRY INFORMATION! THE TOP PLATE ON THE ENCLOSURE HAS THREE 1/4" PILOT HOLES FOR CABLE ENTRY. DRILL ANY OF THE 3 HOLES TO THE CORRECT SIZE FOR YOUR CONDUIT OR CORD GRIP. IF CHOOSING TO ENTER THE ENCLOSURE AT ANOTHER POINT, EXAMINE THE INSIDE OF THE ENCLOSURE SO THE INTERNAL EQUIPMENT WILL NOT BE DAMAGED. CAREFULLY CLEAN THE INSIDE AFTER ATTACHING YOUR CONDUIT OR CORD GRIP.

② WHEN USING A CORD GRIP, SELECT A SIZE THAT WILL "GRIP" THE CABLES WITHOUT DAMAGING THE CABLES. DAISY DATA CAN PROVIDE THE FOLLOWING CORD GRIP SIZES:

- M290-000008: 0.25NPT, 0.156" CABLE DIA.
  - M290-000011: 0.375NPT, 0.25" CABLE DIA.
  - M290-000015: 0.375NPT, S.S., 0.25" CABLE DIA.
  - M290-000014: 0.375NPT, 0.3125" CABLE DIA.
  - M290-000003: 0.5NPT, 0.1875" CABLE DIA.
  - M290-000009: 0.5NPT, S.S., 0.187" CABLE DIA.
  - M290-000014: 0.5NPT, 0.25" CABLE DIA.
  - M290-000010: 0.5NPT, S.S., 0.25" CABLE DIA.
  - M290-000002: 0.5NPT, 0.375" CABLE DIA.
  - M290-000012: 0.5NPT, 0.5" CABLE DIA.
  - M390-000012: 0.5NPT, SEAL NUT
- ALL CORD GRIPS ARE ZINC PLATED STEEL EXCEPT M290-000015, M290-000009 & M290-000010. THESE ARE STAINLESS STEEL.

③ SEE TABLE 1 FOR THE DAISY DATA KVM CAT5 INPUT CABLE MODEL NUMBER & LENGTH.



- MODEL 2553KP: NEMA 4X FLAT PANEL 15" MONITOR w/ KEYPAD
- MODEL 2556KP: NEMA 4X FLAT PANEL 19" MONITOR w/ KEYPAD
- MODEL 2558KP: NEMA 4X FLAT PANEL 22" MONITOR w/ KEYPAD
- MODEL 2523KP: DIVISION 2 FLAT PANEL 15" MONITOR w/ KEYPAD
- MODEL 2528KP: DIVISION 2 FLAT PANEL 19" MONITOR w/ KEYPAD
- MODEL 2528KP: DIVISION 2 FLAT PANEL 22" MONITOR w/ KEYPAD
- MODEL 4553KP: NEMA 4X 15" FLAT PANEL PC w/ KEYPAD
- MODEL 4556KP: NEMA 4X 19" FLAT PANEL PC w/ KEYPAD
- MODEL 4558KP: NEMA 4X 22" FLAT PANEL PC w/ KEYPAD
- MODEL 4523KP: DIVISION 2 15" FLAT PANEL PC w/ KEYPAD
- MODEL 4528KP: DIVISION 2 19" FLAT PANEL PC w/ KEYPAD
- MODEL 4528KP: DIVISION 2 22" FLAT PANEL PC w/ KEYPAD

- MODEL 2653: NEMA 4X FLAT PANEL INTEGRATED 15" MONITOR
- MODEL 2656: NEMA 4X FLAT PANEL INTEGRATED 19" MONITOR
- MODEL 2658: NEMA 4X FLAT PANEL INTEGRATED 22" MONITOR
- MODEL 2623: DIVISION 2 NON-INCENDIVE FLAT PANEL INTEGRATED 15" MONITOR
- MODEL 2628: DIVISION 2 NON-INCENDIVE FLAT PANEL INTEGRATED 19" MONITOR
- MODEL 2628: DIVISION 2 NON-INCENDIVE FLAT PANEL INTEGRATED 22" MONITOR
- MODEL 4353: NEMA 4X 15" FLAT PANEL INTEGRATED PC
- MODEL 4356: NEMA 4X 19" FLAT PANEL INTEGRATED PC
- MODEL 4358: NEMA 4X 22" FLAT PANEL INTEGRATED PC
- MODEL 4323: DIVISION 2 NON-INCENDIVE 15" FLAT PANEL INTEGRATED PC
- MODEL 4326: DIVISION 2 NON-INCENDIVE 19" FLAT PANEL INTEGRATED PC
- MODEL 4328: DIVISION 2 NON-INCENDIVE 22" FLAT PANEL INTEGRATED PC

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 ELECTRICAL INPUT DRAWING

CABLE & CONDUIT ENTRY NON-  
 PURGED 15", 19" & 22" ENCL.  
 DRAWING NUMBER P001  
 REV. A

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DRAWING NO. P002

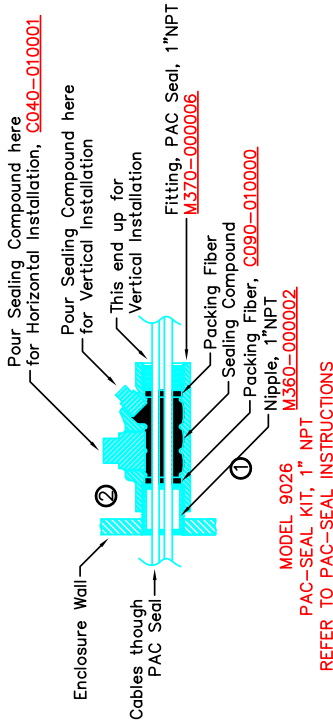
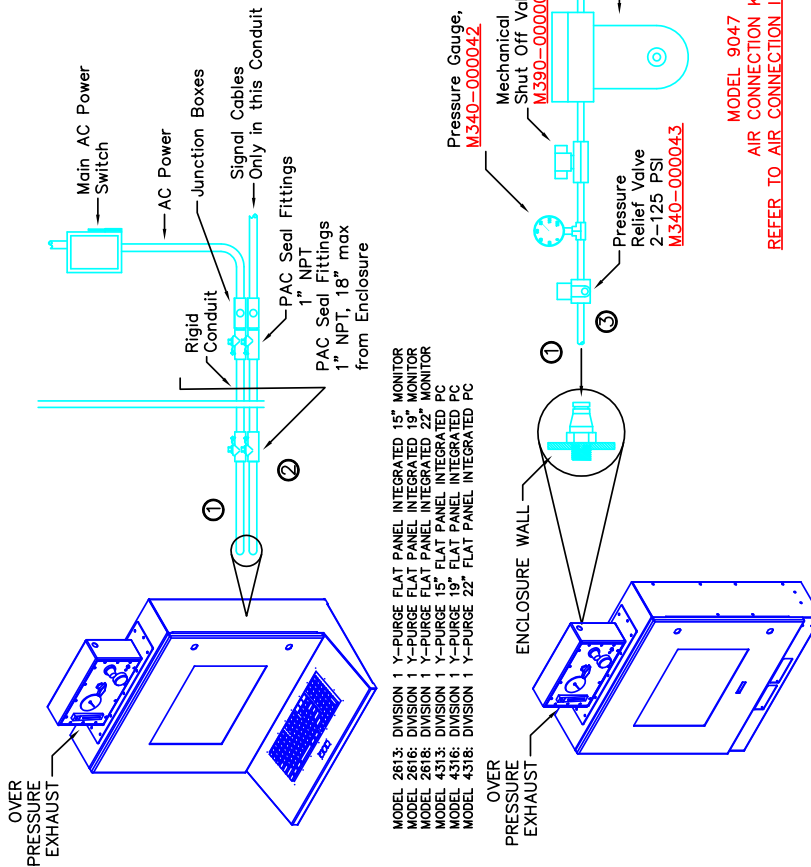


TABLE 1

MODEL	LENGTH
9573	25"
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"
9571	350"
9572	400"
9574	500"

- NOTES:
- REFER TO ALL LOCAL CODES FOR CONDUIT ENTRY INFORMATION! THE USER ASSUMES TOTAL RESPONSIBILITY FOR COMPLIANCE WITH ALL APPLICABLE CODES & PROCEDURES IN THE FINAL INSTALLATION.
  - THE PAC SEAL FITTINGS CAN BE A MAXIMUM OF 18" FROM THE ENCLOSURE. PAC SEALS MAY BE ATTACHED DIRECTLY TO THE ENCLOSURE & THE RIGID CONDUIT EXTENDED IN ANY CONVENIENT DIRECTION. THE PACKING FIBER & THE SEALING COMPOUND MUST COMPLETELY SURROUND EACH CONDUCTOR OR CABLE.
  - THE AIR INPUT FITTING IS A 1/4" NPT FEMALE. THE AIR SOURCE MUST BE CLEAN DRY INSTRUMENT GRADE AIR CAPABLE OF SUPPLYING 35 TO 150 SCFH AT 20 - 100 PSI.
  - SEE TABLE 1 FOR THE DAISY DATA CAT5 INPUT CABLE MODEL NUMBER & LENGTH.



- MODEL 2613: DIVISION 1 Y-PURGE FLAT PANEL INTEGRATED 15" MONITOR
- MODEL 2618: DIVISION 1 Y-PURGE FLAT PANEL INTEGRATED 19" MONITOR
- MODEL 2618: DIVISION 1 Y-PURGE FLAT PANEL INTEGRATED 22" MONITOR
- MODEL 4313: DIVISION 1 Y-PURGE 15" FLAT PANEL INTEGRATED PC
- MODEL 4316: DIVISION 1 Y-PURGE 19" FLAT PANEL INTEGRATED PC
- MODEL 4318: DIVISION 1 Y-PURGE 22" FLAT PANEL INTEGRATED PC

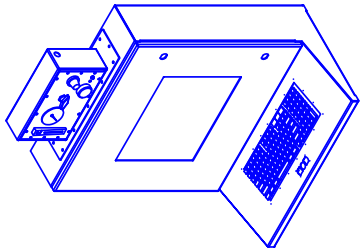
MODEL 9047  
AIR CONNECTION KIT  
REFER TO AIR CONNECTION INSTRUCTIONS

- MODEL 2513KP: DIVISION 1 Y-PURGE FLAT PANEL 15" MONITOR w/ KEYPAD
- MODEL 2516KP: DIVISION 1 Y-PURGE FLAT PANEL 19" MONITOR w/ KEYPAD
- MODEL 2518KP: DIVISION 1 Y-PURGE FLAT PANEL 22" MONITOR w/ KEYPAD
- MODEL 4513KP: DIVISION 1 Y-PURGE 15" FLAT PANEL PC w/ KEYPAD
- MODEL 4516KP: DIVISION 1 Y-PURGE 19" FLAT PANEL PC w/ KEYPAD
- MODEL 4518KP: DIVISION 1 Y-PURGE 22" FLAT PANEL PC w/ KEYPAD

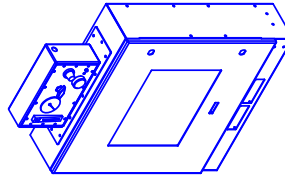
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DRAWING NO.: P003



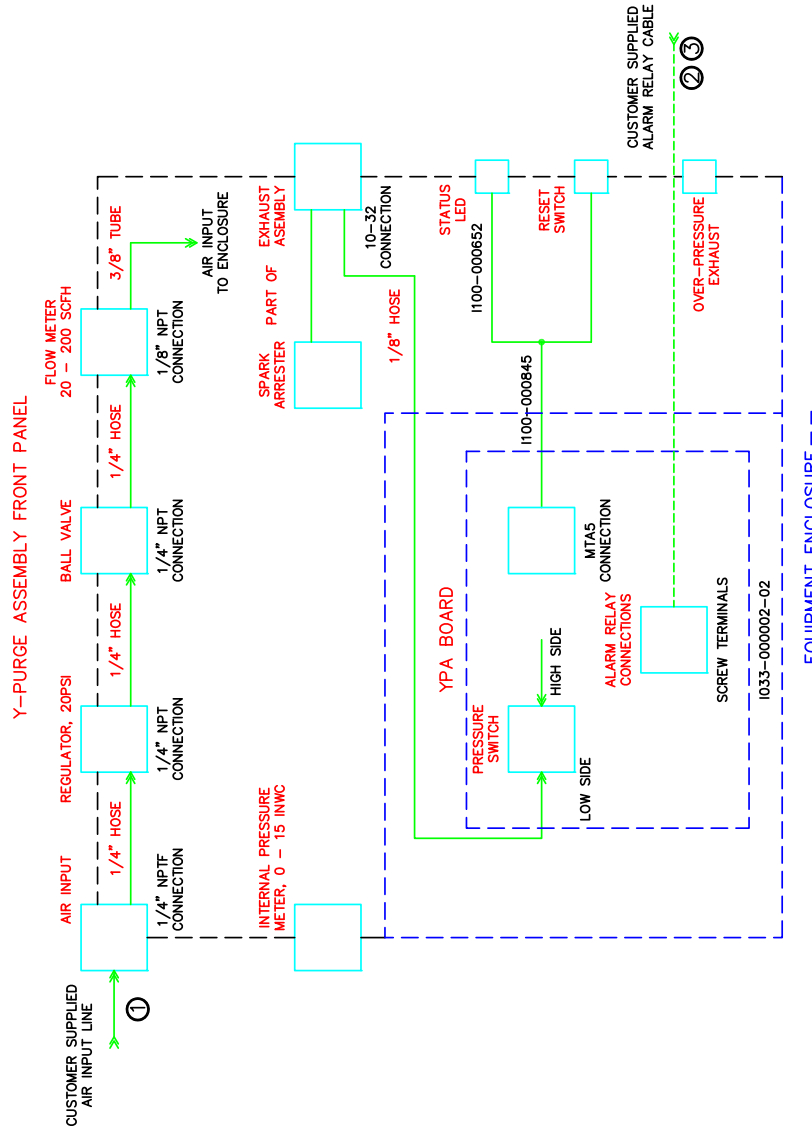
MODEL 2613: DIVISION 1 Y-PURGE FLAT PANEL INTEGRATED 15" MONITOR  
 MODEL 2616: DIVISION 1 Y-PURGE FLAT PANEL INTEGRATED 9" MONITOR  
 MODEL 4313: DIVISION 1 Y-PURGE FLAT PANEL INTEGRATED 22" MONITOR  
 MODEL 4316: DIVISION 1 Y-PURGE 19" FLAT PANEL INTEGRATED PC  
 MODEL 4318: DIVISION 1 Y-PURGE 15" FLAT PANEL INTEGRATED PC  
 MODEL 4318: DIVISION 1 Y-PURGE 22" FLAT PANEL INTEGRATED PC



MODEL 2513KP: DIVISION 1 Y-PURGE 15" FLAT PANEL MONITOR w/ KEYPAD  
 MODEL 2516KP: DIVISION 1 Y-PURGE 19" FLAT PANEL MONITOR w/ KEYPAD  
 MODEL 2518KP: DIVISION 1 Y-PURGE 22" FLAT PANEL MONITOR w/ KEYPAD  
 MODEL 4513KP: DIVISION 1 Y-PURGE 15" FLAT PANEL PC w/ KEYPAD  
 MODEL 4516KP: DIVISION 1 Y-PURGE 19" FLAT PANEL PC w/ KEYPAD  
 MODEL 4518KP: DIVISION 1 Y-PURGE 22" FLAT PANEL PC w/ KEYPAD

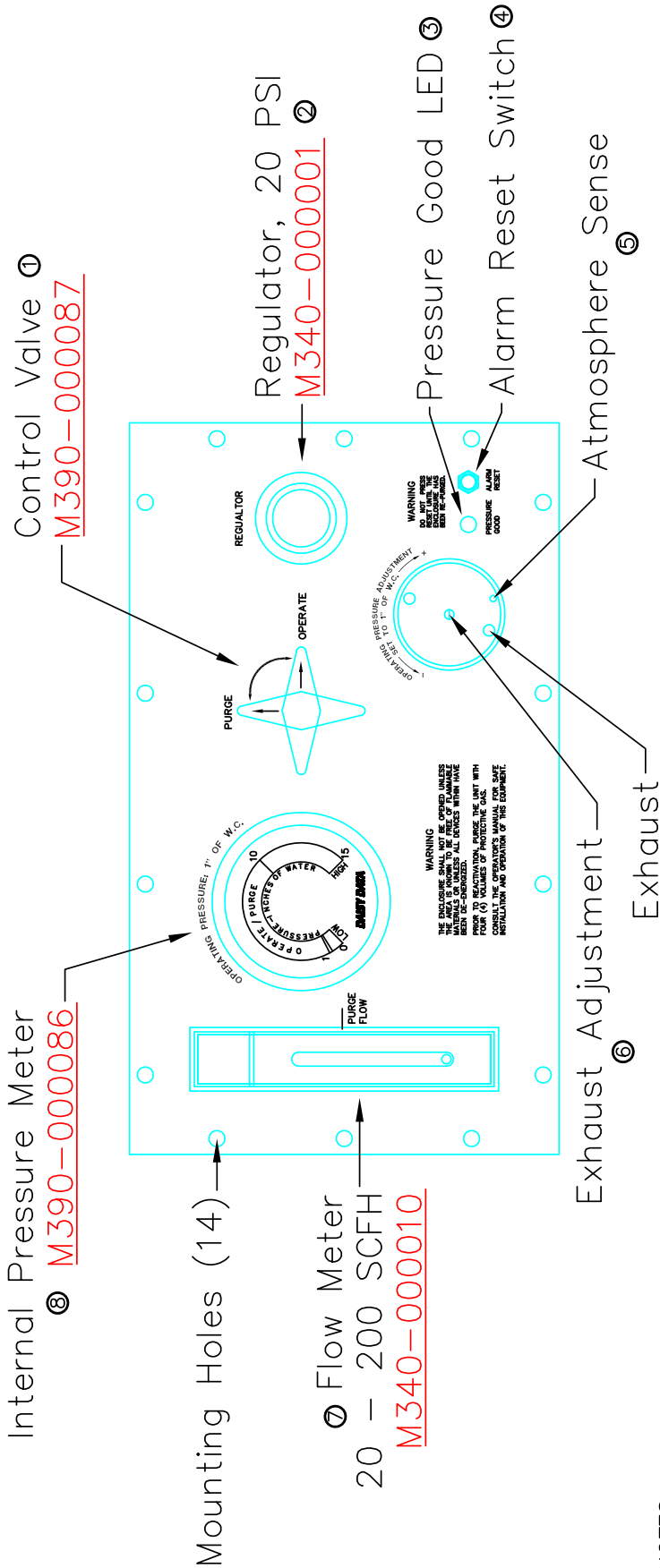
NOTES:

- ① THE AIR INPUT FITTING IS A 1/4" NPT FEMALE. THE AIR SOURCE MUST BE CLEAN, DRY INSTRUMENT GRADE AIR CAPABLE OF SUPPLYING 35 TO 150 SCFH FROM 20 TO 100 PSI.
- ② THE Y-PURGE ALARM BOARD (033-00002-03) IS LOCATED ON THE RIGHT SIDE FOR ALL MODELS SHOWN. A SIX CONDUCTOR CABLE IS REQUIRED.
- ③ FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "P002".



Daisy Data, Inc. 2850 Lewisberry Road, York Haven, PA 17370		Y-PURGE BLOCK DIAGRAM	
NEUMATIC BLOCK DIAGRAM DRAWING		DRAWING NUMBER	REV.
		P003	A
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DRAWING NO. P004

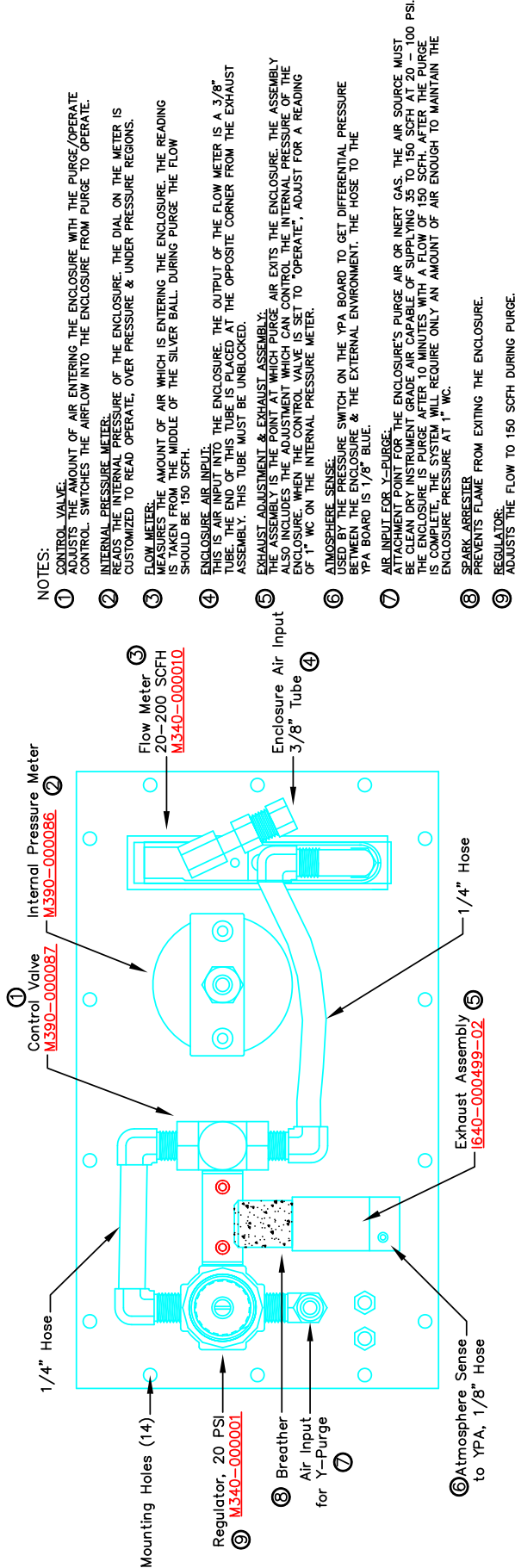


NOTES:

- ① CONTROL VALVE:  
ADJUSTS THE AMOUNT OF AIR ENTERING THE ENCLOSURE WITH THE PURGE/OPERATE CONTROL. SWITCHES THE AIRFLOW INTO THE ENCLOSURE FROM PURGE TO OPERATE.
- ② REGULATOR:  
ADJUSTS THE FLOW TO 150 SCFH DURING PURGE.
- ③ PRESSURE GOOD LED (PART OF THE ALARM BOARD OPTION):  
THIS LED ILLUMINATES GREEN WHENEVER THE INTERNAL PRESSURE IS ABOVE 0.4" WC & THE ALARM RELAY IS RESET.
- ④ ALARM RESET SWITCH (PART OF THE ALARM BOARD OPTION):  
USED TO RESET THE CUSTOMER CONTACTS AFTER AN ALARM CONDITION.
- ⑤ ATMOSPHERE SENSE (PART OF THE ALARM BOARD OPTION):  
USED BY THE PRESSURE SWITCH ON THE ZPA BOARD TO GET DIFFERENTIAL PRESSURE BETWEEN THE ENCLOSURE & THE EXTERNAL ENVIRONMENT. THE HOSE TO THE ZPA BOARD IS 1/8" BLUE.
- ⑥ EXHAUST ADJUSTMENT & EXHAUST ASSEMBLY:  
THE ASSEMBLY IS THE POINT AT WHICH PURGE AIR EXITS THE ENCLOSURE. THE ASSEMBLY ALSO INCLUDES THE ADJUSTMENT WHICH CAN CONTROL THE INTERNAL PRESSURE OF THE ENCLOSURE. WHEN THE CONTROL VALVE IS SET TO "OPERATE", ADJUST FOR A READING OF 1" WC ON THE INTERNAL PRESSURE METER.
- ⑦ FLOW METER:  
MEASURES THE AMOUNT OF AIR WHICH IS ENTERING THE ENCLOSURE. THE READING IS TAKEN FROM THE MIDDLE OF THE SILVER BALL. DURING PURGE THE FLOW SHOULD BE 150 SCFH.
- ⑧ INTERNAL PRESSURE METER:  
READS THE INTERNAL PRESSURE OF THE ENCLOSURE. THE DIAL ON THE METER IS CUSTOMIZED TO READ OPERATE, OVER PRESSURE & UNDER PRESSURE REGIONS.

DIMENSIONS ARE IN INCHES		Y-PURGE FRONT	
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ITEM LOCATION DIAGRAM DRAWING		P004	A

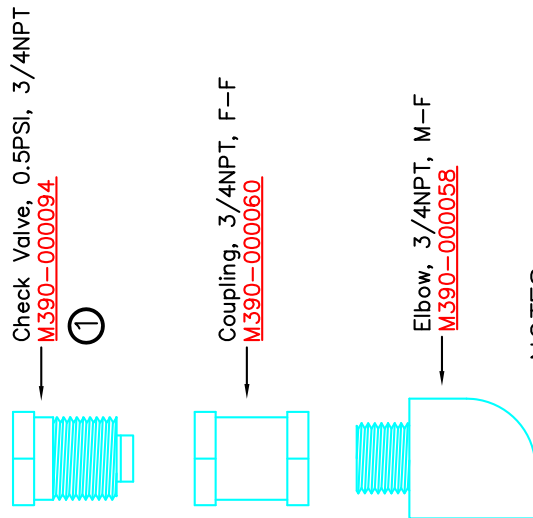
**DRAWING NO.: P005**



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ITEM LOCATION DIAGRAM DRAWING	REV. -
SHEET 1 OF 1	

**DRAWING NO. P006**

INSIDE ENCLOSURE

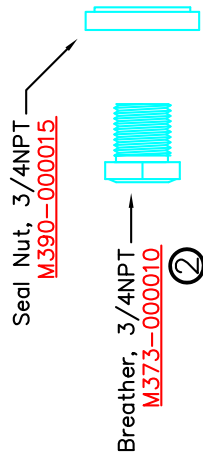


**NOTES:**

① **CHECK VALVE, 0.5 PSI:**  
THE CHECK VALVE WILL OPEN IF THE INTERNAL PRESSURE IS GREATER THAN 0.5 PSI.  
THIS WILL PREVENT OVER PRESSURIZATION OF THE ENCLOSURE.

② **BREATHER:**  
THE BREATHER ALLOWS AIR TO EXHAUST FROM THE ENCLOSURE, BUT DOES NOT ALLOW SPARKS TO EXIT THE ENCLOSURE.

OUTSIDE ENCLOSURE



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	DRAWING NUMBER P006	REV. -

ITEM LOCATION DIAGRAM DRAWING

DRAWING NUMBER

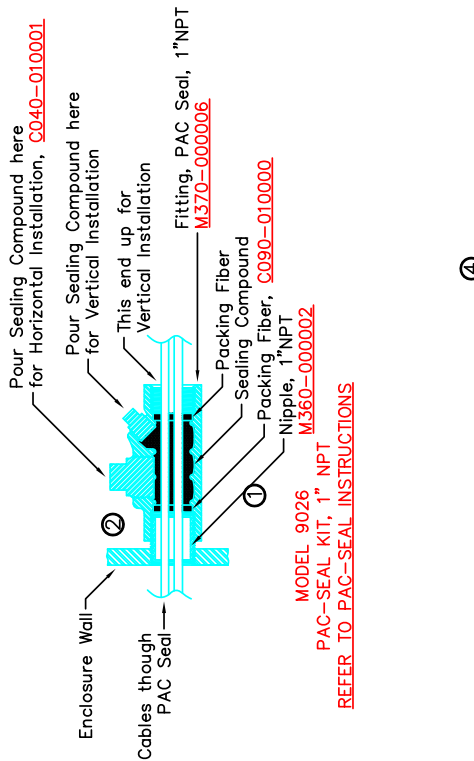
P006

REV. -

SHEET 1 OF 1



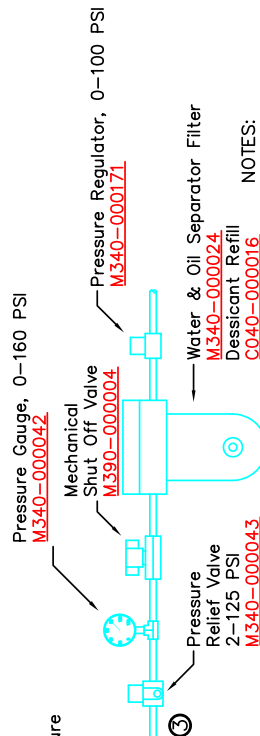
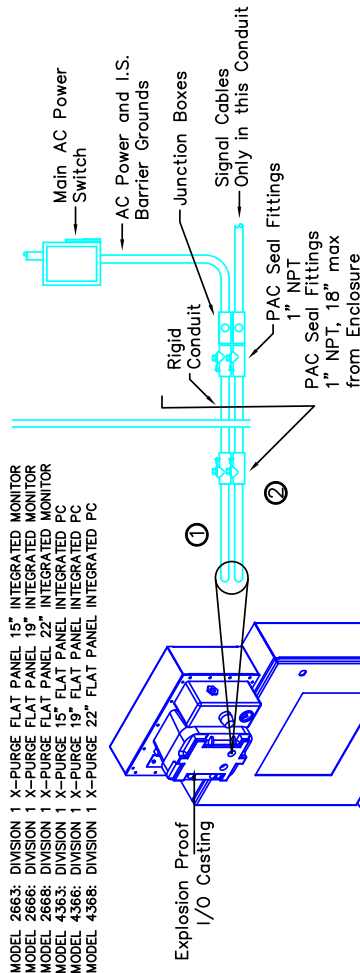
DRAWING NO.: P007



MODEL 9026  
PAC-SEAL KIT, 1" NPT  
REFER TO PAC-SEAL INSTRUCTIONS

TABLE 1

MODEL	LENGTH
9573	25"
9565	50"
9566	100"
9567	150"
9568	200"
9569	250"
9570	300"
9571	350"
9572	400"
9574	500"



MODEL 9047  
AIR CONNECTION KIT  
REFER TO AIR CONNECTION INSTRUCTIONS

- NOTES:
- REFER TO ALL LOCAL CODES FOR CONDUIT ENTRY INFORMATION. THE USER ASSUMES TOTAL RESPONSIBILITY FOR COMPLIANCE WITH ALL APPLICABLE CODES & PROCEDURES IN THE FINAL INSTALLATION.
  - THE PAC SEAL FITTINGS CAN BE A MAXIMUM OF 18" FROM THE ENCLOSURE. PAC SEALS MAY BE ATTACHED DIRECTLY TO THE ENCLOSURE & THE RIGID CONDUIT EXTENDED IN ANY CONVENIENT DIRECTION. THE PACKING FIBER & THE SEALING COMPOUND MUST COMPLETELY SURROUND EACH CONDUIT OR CABLE.
  - THE AIR INPUT FITTING IS A 1/4" NPT FEMALE. THE AIR SOURCE MUST BE CLEAN DRY INSTRUMENT GRADE AIR CAPABLE OF SUPPLYING 40 TO 300 SCFH AT 30 - 60 PSI.
  - SEE TABLE 1 FOR THE DAISY DATA CAT5 INPUT CABLE MODEL NUMBER & LENGTH.

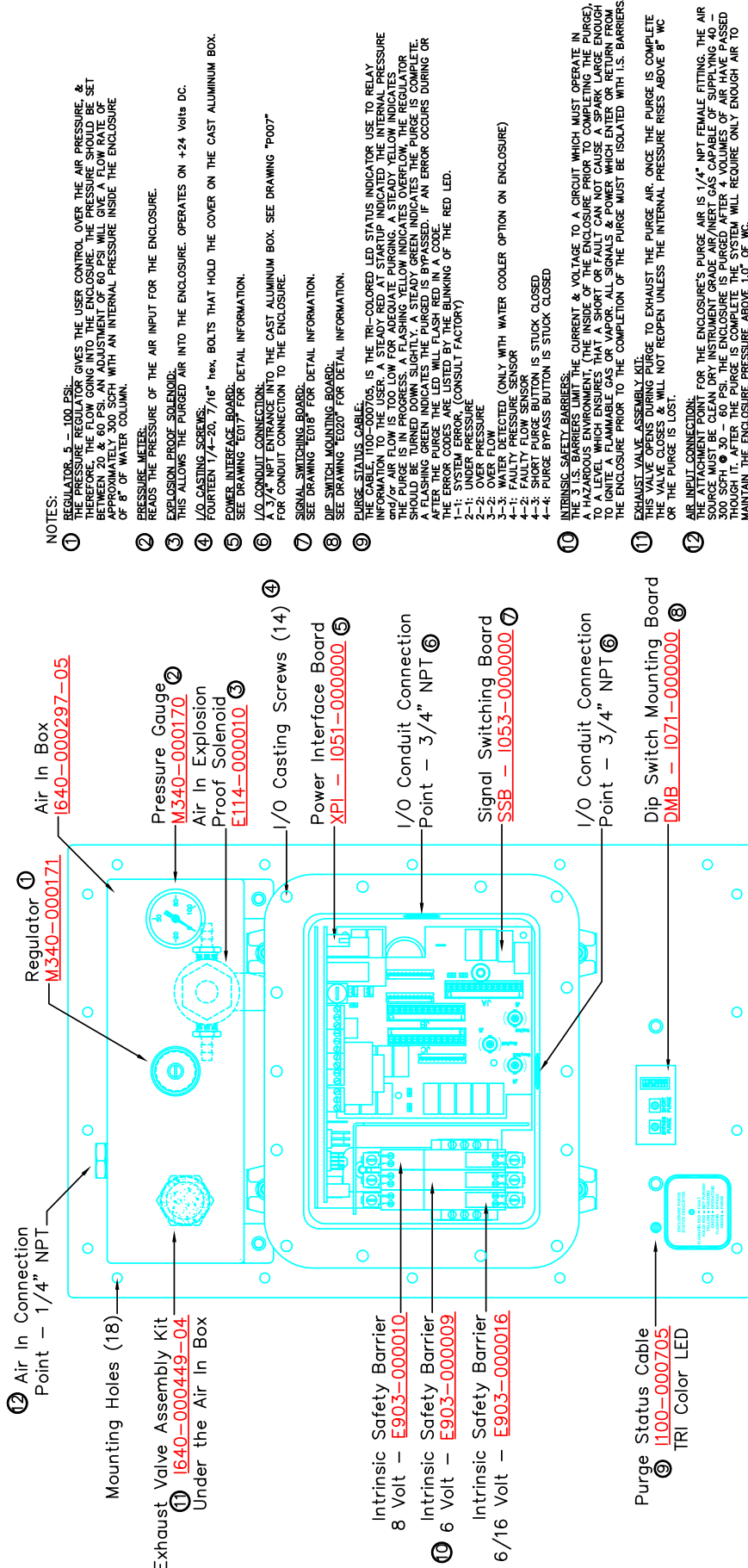
- MODEL 2663: DIVISION 1 X-PURGE FLAT PANEL 15" INTEGRATED MONITOR
- MODEL 2665: DIVISION 1 X-PURGE FLAT PANEL 19" INTEGRATED MONITOR
- MODEL 2668: DIVISION 1 X-PURGE FLAT PANEL 22" INTEGRATED MONITOR
- MODEL 4363: DIVISION 1 X-PURGE 15" FLAT PANEL INTEGRATED PC
- MODEL 4365: DIVISION 1 X-PURGE 19" FLAT PANEL INTEGRATED PC
- MODEL 4366: DIVISION 1 X-PURGE 22" FLAT PANEL INTEGRATED PC

- MODEL 2563KP: DIVISION 1 X-PURGE FLAT PANEL 15" MONITOR w/ KEYPAD
- MODEL 2566KP: DIVISION 1 X-PURGE FLAT PANEL 19" MONITOR w/ KEYPAD
- MODEL 2568KP: DIVISION 1 X-PURGE FLAT PANEL 22" MONITOR w/ KEYPAD
- MODEL 4563KP: DIVISION 1 X-PURGE 15" FLAT PANEL PC w/ KEYPAD
- MODEL 4566KP: DIVISION 1 X-PURGE 19" FLAT PANEL PC w/ KEYPAD
- MODEL 4568KP: DIVISION 1 X-PURGE 22" FLAT PANEL PC w/ KEYPAD

DIMENSIONS ARE IN INCHES		CABLE & CONDUIT ENTRY	
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DRAWING NO. P008



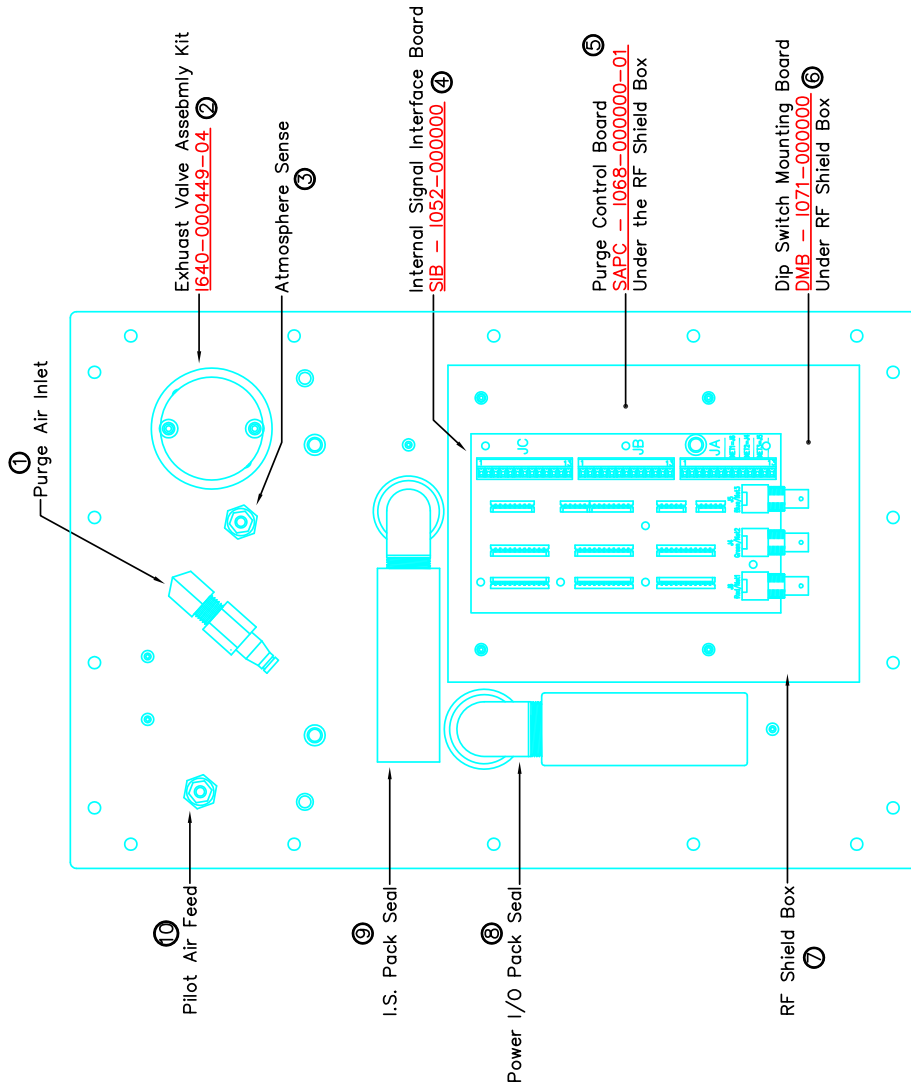
- NOTES:**
- ① REGULATOR 5 – 100 PSI. THE PRESSURE REGULATOR GIVES THE USER CONTROL OVER THE AIR PRESSURE. & THEREFORE, THE FLOW GOING INTO THE ENCLOSURE. THE PRESSURE SHOULD BE SET BETWEEN 20 & 60 PSI. AN ADJUSTMENT OF 60 PSI WILL GIVE A FLOW RATE OF APPROXIMATELY 300 SCFH WITH AN INTERNAL PRESSURE INSIDE THE ENCLOSURE OF 8\"/>
  - ② READS THE PRESSURE OF THE AIR INPUT FOR THE ENCLOSURE.
  - ③ EXPLOSION PROOF SOLENOID. THIS ALLOWS THE PURGED AIR INTO THE ENCLOSURE. OPERATES ON +24 Volts DC.
  - ④ I/O CASTING SCREWS: FOURTEEN 1/4-20, 7/16\"/>
  - ⑤ POWER INTERFACE BOARD. SEE DRAWING "E017" FOR DETAIL INFORMATION.
  - ⑥ I/O CONDUIT CONNECTION: A 3/4\"/>
  - ⑦ SIGNAL SWITCHING BOARD. SEE DRAWING "E018" FOR DETAIL INFORMATION.
  - ⑧ DIP SWITCH MOUNTING BOARD. SEE DRAWING "E020" FOR DETAIL INFORMATION.
  - ⑨ PURGE STATUS CABLE. THE CABLE (TOP-000705) IS THE TRI-COLORED LED STATUS INDICATOR USE TO RELAY INFORMATION TO THE USER. A STEADY RED AT STARTUP INDICATED THE INTERNAL PRESSURE and/or AIR FLOW IS TOO LOW FOR ADEQUATE PURGING. A STEADY YELLOW INDICATES THE PURGE IS IN PROGRESS. A FLASHING YELLOW INDICATES OVERFLOW. THE REGULATOR AND LED INDICATES THE PURGE IS BYPASSED. IF AN ERROR OCCURS DURING OR AFTER THE PURGE THE LED WILL FLASH RED IN A CODE. THE ERROR CODES ARE LISTED BY THE BLINKING OF THE RED LED.
    - 1-1: SYSTEM ERROR. (CONSULT FACTORY)
    - 2-1: OVER PRESSURE
    - 2-2: OVER FLOW
    - 3-3: WATER DETECTED (ONLY WITH WATER COOLER OPTION ON ENCLOSURE)
    - 4-1: FAULTY PRESSURE SENSOR
    - 4-2: FAULTY FLOW SENSOR
    - 4-3: SHORT PURGE BUTTON
    - 4-4: PURGE BYPASS BUTTON IS STUCK CLOSED
  - ⑩ INTRINSIC SAFETY BARRIERS. THE U.S. BARRIERS LIMIT THE CURRENT & VOLTAGE TO A CIRCUIT WHICH MUST OPERATE IN A HAZARDOUS ENVIRONMENT. (THE INSIDE OF THE ENCLOSURE PRIOR TO COMPLETING THE PURGE) TO A LEVEL WHICH ENSURES THAT A SHORT OR FAULT CAN NOT CAUSE A SPARK LARGE ENOUGH TO IGNITE A FLAMMABLE GAS OR VAPOR. ALL SIGNALS & POWER WHICH ENTER OR RETURN FROM THE ENCLOSURE PRIOR TO THE COMPLETION OF THE PURGE MUST BE ISOLATED WITH U.S. BARRIERS.
  - ⑪ EXHAUST VALVE ASSEMBLY KIT. THIS VALVE OPENS DURING PURGE TO EXHAUST THE PURGE AIR. ONCE THE PURGE IS COMPLETE THE VALVE WILL NOT REOPEN UNLESS THE INTERNAL PRESSURE RISES ABOVE 8\"/>
  - ⑫ AIR INLET CONNECTION FOR THE ENCLOSURE'S PURGE AIR IS 1/4\"/>

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Daisy Data Inc.		X-PURGE FRONT PANEL	
2880 Lewisberry Road, York, PA 17370		ITEM LOCATION	
ITEM LOCATION DIAGRAM DRAWING		DRAWING NUMBER	
P008		P008	
SHEET 1 OF 1			

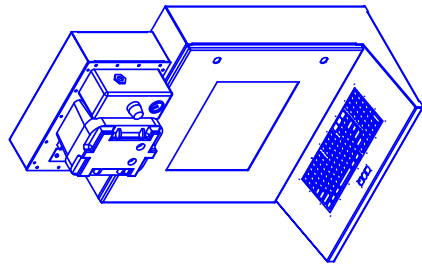
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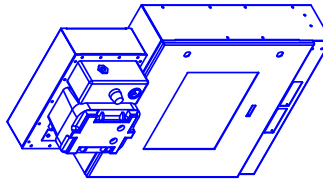
- NOTES:**
- ① PURGE AIR INLET: THIS IS THE POINT THE PURGE AIR WILL ENTER THE ENCLOSURE. THE 1/4" TUBE SHOULD BE FREE OF DIRT & KINKS.
  - ② EXHAUST VALVE ASSEMBLY KIT: THIS VALVE OPENS DURING PURGE TO EXHAUST THE PURGE AIR. ONCE THE PURGE IS COMPLETE THE VALVE CLOSSES & WILL NOT REOPEN UNLESS THE INTERNAL PRESSURE RISES ABOVE 8" WC OR THE PURGE IS LOST.
  - ③ ATMOSPHERE SENSE: ALLOWS THE PRESSURE SENSOR ON THE PURGE CONTROL BOARD TO MEASURE THE DIFFERENTIAL PRESSURE BETWEEN THE ENCLOSURE & THE SURROUNDING ENVIRONMENT.
  - ④ INTERNAL SIGNAL INTERFACE BOARD: SEE DRAWING "E019" FOR DETAIL INFORMATION
  - ⑤ PURGE CONTROL BOARD: LOCATED UNDER THE RF SHIELD BOX. SEE DRAWING "E021" FOR DETAIL INFORMATION.
  - ⑥ DIP SWITCH MOUNTING BOARD: SEE DRAWING "E020" FOR DETAIL INFORMATION.
  - ⑦ RF SHIELD BOX: PROTECTS THE PURGE CONTROL BOARD FROM RF RADIATION THAT WOULD RESET THE PURGE SYSTEM.
  - ⑧ POWER I/O PACK SEAL: THIS SEAL PLUGS THE AC POWER CABLE FOR THE INTERNAL EQUIPMENT. 4-24V CABLE FOR THE SOLENOID & 3 DATA CABLES WITH 6 PAIRS IN EACH CABLE. THE PAC SEAL HAS THE SEALING COMPOUND THROUGH IT'S LENGTH & CAN NOT BE RE-POSITIONED.
  - ⑨ I.S. PAC SEAL: CONTAINS THE INTRINSICALLY SAFE POWER CABLE & THE ENCLOSURE REDUNDANT GROUND WIRES. THE PAC SEAL HAS THE SEALING COMPOUND THROUGH IT'S LENGTH & CAN NOT BE RE-POSITIONED.
  - ⑩ PILOT AIR FEED: THIS AIR LINE PROVIDES THE PILOT PRESSURE FOR THE EXHAUST SOLENOID.

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DRAWING NO. P010



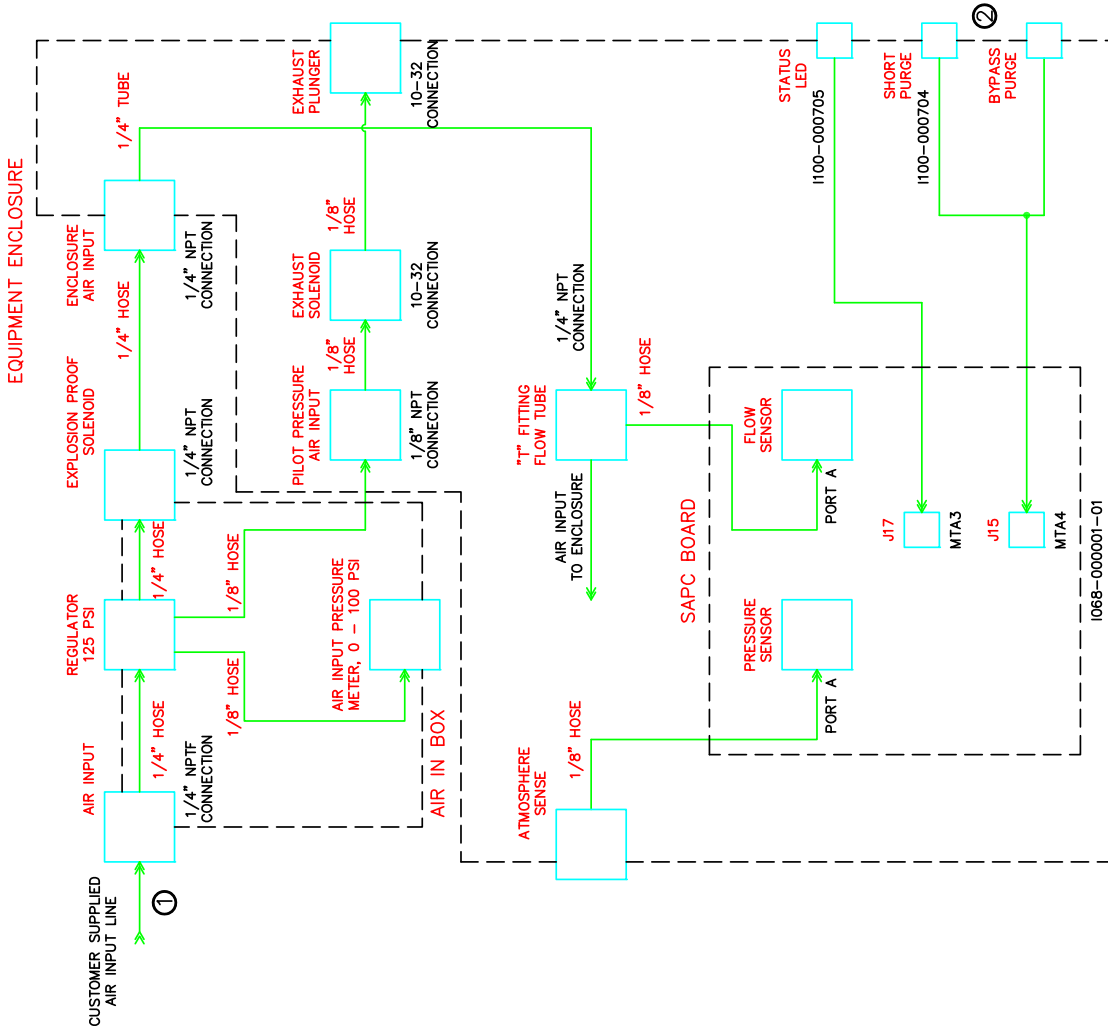
MODEL 2663: DIVISION 1 X-PURGE FLAT PANEL INTEGRATED 15" MONITOR  
 MODEL 2666: DIVISION 1 X-PURGE FLAT PANEL INTEGRATED 19" MONITOR  
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MODEL 2563KP: DIVISION 1 X-PURGE FLAT PANEL 15" MONITOR w/ KEYPAD  
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 MODEL 4568KP: DIVISION 1 X-PURGE 22" FLAT PANEL PC w/ KEYPAD

NOTES:

- ① THE AIR INPUT FITTING IS A 1/4" NPT FEMALE. THE AIR SOURCE MUST BE CLEAN, DRY INSTRUMENT GRADE AIR CAPABLE OF SUPPLYING 40 TO 300 SCFH AT 30 TO 60 PSI.
- ② THE SHORT & BYPASS PURGE SWITCHES ARE LOCATED UNDER THE 4.5" x 2" COVER ON THE LEFT OF THE PURGE PANEL.
- ③ FOR CABLE & CONDUIT ENTRY INTO THE ENCLOSURE, REFER TO DRAWING "P007".



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**NOTES:**

**Revision History**

REVISION	CHANGE DESCRIPTION	DATE	AUTHOR
-	Initial Release	7/25/2019	BM