

# MEI Systems

C-CURE

## Consol Energy Big Run Daily Access Report

### Journal

Message Type	Message Text	Message
Card Admitted	Admitted 'Manners, Doug [Consol Energy]' (Card: 45175) at 'Cosol Energy Big Run Auto Gate Entry [Consol Energy]' (IN).	9/30/2013 4:08:49 PM
Card Admitted	Admitted 'Manners, Doug [Consol Energy]' (Card: 45175) at 'Consol Energy Big Run Auto Gate Exit [Consol Energy]' (OUT).	9/30/2013 4:20:13 PM

#### Security

Fire  
Security  
Card Access  
Camera



• Design • Installation • Service

Morocco Electric, Inc.  
201 South Pleasant Ave.  
Somerset, PA 15501

dfunk@meisystems.com

**DAN FUNK**  
Security and Safety Consulting

#### Communications

Telephone  
Sound / Paging  
Intercom/Clock  
Data Distribution

800-866-7622  
814-445-4267  
Fax 814-445-3447  
Phone - Ext. 178  
Cell - 724-757-8441

Journal

Message Type	Message Text	Server Date/Time
Object Changed State	Event 'Range Worstell 01a Fluid Tank is Now Disarmed Someone is on Site [Range Resources]' is active.	8/14/2012 9:49:06 AM
Object Changed State	Event 'Range Worstell 01c Autogate Vehicle Sensor Tripped [Range Resources]' is inactive.	8/14/2012 9:49:11 AM
Card Admitted	Admitted 'Co., Deeter's [Range Resources]' (Card: 476) at 'Range Worstell Site Auto Gate Entry [Range Resources]' (IN).	8/14/2012 10:09:47 AM
Object Changed State	Event 'Range Worstell 01c Autogate Vehicle Sensor Tripped [Range Resources]' is active.	8/14/2012 10:09:51 AM
Object Changed State	Event 'Range Worstell 01c Autogate Vehicle Sensor Tripped [Range Resources]' is inactive.	8/14/2012 10:09:56 AM
Card Admitted	Admitted 'Jarecki, Ryan [Range Resources]' (Card: 66214) at 'Range Worstell Site Auto Gate Entry [Range Resources]' (IN).	8/14/2012 10:12:15 AM
Object Changed State	Event 'Range Worstell 01c Autogate Vehicle Sensor Tripped [Range Resources]' is active.	8/14/2012 10:12:19 AM
Object Changed State	Event 'Range Worstell 01c Autogate Vehicle Sensor Tripped [Range Resources]' is inactive.	8/14/2012 10:12:24 AM
Card Admitted	Admitted 'Co., Deeter's [Range Resources]' (Card: 476) at 'Range Worstell Site Auto Gate Exit [Range Resources]' (OUT).	8/14/2012 10:26:11 AM
Object Changed State	Event 'Range Worstell 01c Autogate Vehicle Sensor Tripped [Range Resources]' is active.	8/14/2012 10:26:15 AM
Object Changed State	Event 'Range Worstell 01c Autogate Vehicle Sensor Tripped [Range Resources]' is inactive.	8/14/2012 10:26:20 AM
Card Admitted	Admitted 'Jarecki, Ryan [Range Resources]' (Card:	8/14/2012 10:28:28 AM

Journal

Message Type	Message Text	Server Date/Time
Object Changed State	Event 'Range Worstell 01c Counter Occupancy Reset to 0 [Range Resources]' is armed.	8/14/2012 8:23:00 AM
Object Changed State	Event 'Range Worstell 01a Fluid Tank is Now Disarmed Someone is on Site [Range Resources]' is armed.	8/14/2012 8:23:00 AM
Object Changed State	Event 'Range Worstell 01c Autogate Vehicle Sensor Tripped [Range Resources]' is armed.	8/14/2012 8:23:00 AM
Object Changed State	Event 'Range Worstell 01b Fluid Tank is Now Armed. Active When Site Count Counter is Zero [Range Resources]' is inactive.	8/14/2012 8:23:02 AM
Object Changed State	Event 'Range Worstell 01b Fluid Tank is Now Armed. Active When Site Count Counter is Zero [Range Resources]' is active.	8/14/2012 8:23:04 AM
Object Changed State	Event 'Range Worstell 01b Fluid Tank is Now Armed. Active When Site Count Counter is Zero [Range Resources]' is armed.	8/14/2012 8:23:05 AM
Object Changed State	Event 'Range Worstell 01d Fluid Tank Strobe and Audible Alarm [Range Resources]' is armed.	8/14/2012 8:23:05 AM
Card Admitted	Admitted 'Co., Deeter's [Range Resources]' (Card: 476) at 'Range Worstell Site Auto Gate Entry [Range Resources]' (IN).	8/14/2012 9:48:56 AM
Object Changed State	Event 'Range Worstell 01c Autogate Vehicle Sensor Tripped [Range Resources]' is active.	8/14/2012 9:49:05 AM
Object Changed State	Event 'Range Worstell 01b Fluid Tank is Now Armed. Active When Site Count Counter is Zero [Range Resources]' is inactive.	8/14/2012 9:49:05 AM



## Range Resources Drilling Fluid Security

### Cyber Guard Service vs. Manned Guard Service Cost Comparison

REV 6/12/2012

RATES	Current Estimated Manned Guard Service Cost Per Site	Cyber Security Guard Cost for One Site	Cyber Security Guard savings for 20 Sites
Hourly Fee	\$25	\$12	
Monthly Fee	\$18,300	\$8,985	
Yearly Fee	\$219,600	\$107,824	
5 Year Fee	\$1,098,000	\$539,118	
Savings Per Hour	NA	\$13	\$252
Savings Per Month	NA	\$9,315	\$186,294
Saving Per Year	NA	\$111,776	\$2,235,529
Savings over 5 Years	NA	\$558,882	\$11,177,643.24
% Savings	NA	51%	51%

#### MEI Systems

Technical Services

201 South Pleasant Ave.

Somerset, Pa 15501

Paul Morocco 814-483-0036

Daniel Funk 814-289-5510

[pmorocco@meisystems.com](mailto:pmorocco@meisystems.com)

[dfunk@meisystems.com](mailto:dfunk@meisystems.com)



## Features:

- \*Long distance monitoring via radio, WiFi, satellite, and/or cellular
- \*Wide-area coverage with 30/31 foot mast
- \*Remotely view and control using your computer or smart phone
- \*Twenty-four seven, year round solar operation in many locations
- \*24/7/365 run-time
- \*Advance analytics available for analyzing video feeds and setting alarms
- \*Provides network connectivity and power for other sensors
- \*Integrated video recorder
- \*Easily transported with standard 2" ball hitch or pintle
- \*"On demand" vented design for cool operation of electronic
- \*Extendable locking outriggers for stability
- \*Real-time alerts and monitoring via web, email and smart phones
- \*2 Pan tilt zoom cameras (up to 4 cameras available)
- \*Pan tilt zoom cameras offer 26x optical zoom
- \*Optional thermal imaging camera
- \*High definition IP network cameras with pan, tilt and zoom
- \*Hi-intensity lighting operated via timers or remote control
- \*Unattended operation for months at a time. Self charging using solar power and computer controlled diesel generator
- \*Wide track carriage for transport behind large vehicle over dirt roads
- \*440 watt solar array/battery power
- \*Storage box located at base of trailer
- \*Adjustable solar array
- \*360 degree mast rotation
- \*Electric mast optional
- \*Optional paint colors for trailers(military desert tan or olive green)
- \*Optional 3600 watt generator with 10 gallon fuel cell

## Anti-Theft Measures:

- \*Removable trailer tongue
- \*Dual locking compartment doors
- \*Wheel clamp/boot immobilizes trailer
- \*On-line GPS tracking for easy locating, optional
- \*Offsite event recording
- \*Onboard shock sensor to detect tampering of the trailer
- \*Locking compartment doors
- \*Flashing strobe beacon







Visual Motion Snapshot

Consol Big Run 02T PTZ THERMAL - 9/29/2013 6:52:00 EDT



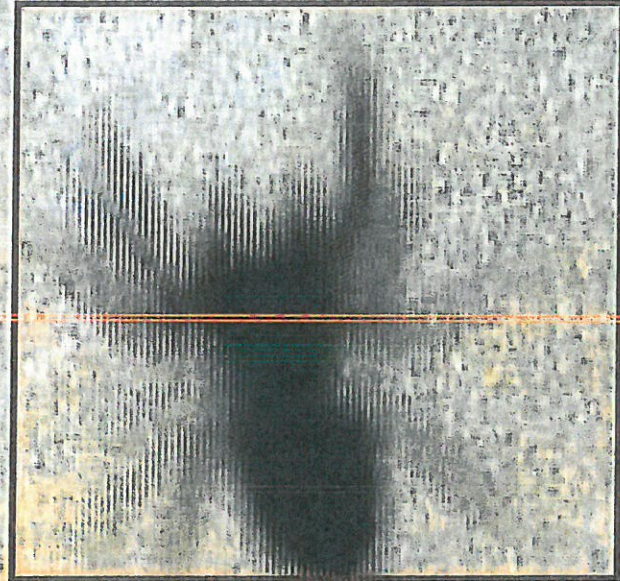




Visual Motion Snapshot

Consol Big Run 01 PTZ VISUAL - 9/30/2013 16:09:57 EDT





Visual Motion Snapshot

Consol Big Run 01 PTZ VISUAL - 9/25/2013 16:54:14 EDT



 Site 132R - Taneytown MD

 Site 530 - Muncy PA



Site 522 - Easton PA

Site 522 Temp: 58.5 F Wind: 1.6 MPH SW, Gust: 4.3 MPH





## CyberGuard 05A Rice Energy Bentleyville Gas...

data.magnumenergy.co



Search

**MAGNUM**  
ENERGY*"The Powerful Difference"*[Home](#) or [Create Account](#)

username:

password:

login

Site - CyberGuard 05A Rice Energy  
Bentleyville Gas Well Site:[Current Conditions](#)[Current Settings](#)[Historical Data](#)**CyberGuard 05A Rice Energy Bentleyville Gas Well Site:  
Current Conditions**

Now

Data Date:	2013-10-01 08:35:20 EST Report received 14 seconds ago.
<b>Battery Monitor (ME-BMK)</b>	
State of Charge:	52% 
volts / amps:	25.57 VDC @ 7.2 amps (184 watts) 
Amp Hours In / Out:	-136 amp hours 
volts Min / volts Max:	19.77 VDC Min / 29.67 VDC Max
rAH / tAH Out:	6,553.5 AH / 22.9 kAH
<b>Inverter (MS4024PAE)</b>	
Status:	Inverting
LEDs:	Inverting LED on Charging LED off
Battery Temperature:	23°C / 73°F
Transformer Temperature:	61°C / 141°F
FET Temperature:	44°C / 111°F
AC Out:	Approximately 121 volts AC @ 1 amps
AC In:	Inactive.
AC Frequency:	60.0
DC volts / amps: (Values are approximate)	25.6 VDC @ 2 amps (51 watts)
<b>AGS / Generator</b>	





Unit:



Tour

Home

Up

Down

Left

Right

Zoom In

Zoom Out





166.142.45.41:3040/t.l



Search



## REMOTE ACCESS

MEISHEETZ CG01B

**Top** | [Advanced Display](#) | [Setup](#) | [Battery Charge Parameters](#) | [UCM Setup](#)

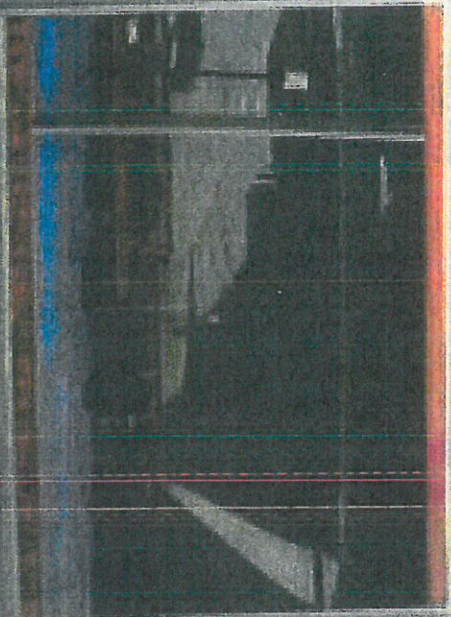
<b>BULK</b>	Charge Mode	
<b>26.6</b>	Battery Volts	
<b>----</b>	Net Battery Amps	
<b>+2.2</b>	Sum of Input Amps	
<b>+2.7</b>	Sum of Output Amps	
<b>----</b>	% Remaining Battery Capacity	
<b>----</b>	Battery Amp-Hrs from Full	
<b>----</b>	Auxiliary Battery Volts	
<b>----</b>	Auxiliary Charge Status	
<b>ON</b>	Load Control Status	
<b>30.4</b>	Equalize Volts, Equalize Now	<b>Start</b>
<b>----</b>	Equalize Minutes Remaining	

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Site 522 Daily Images - View 1 P12 Page



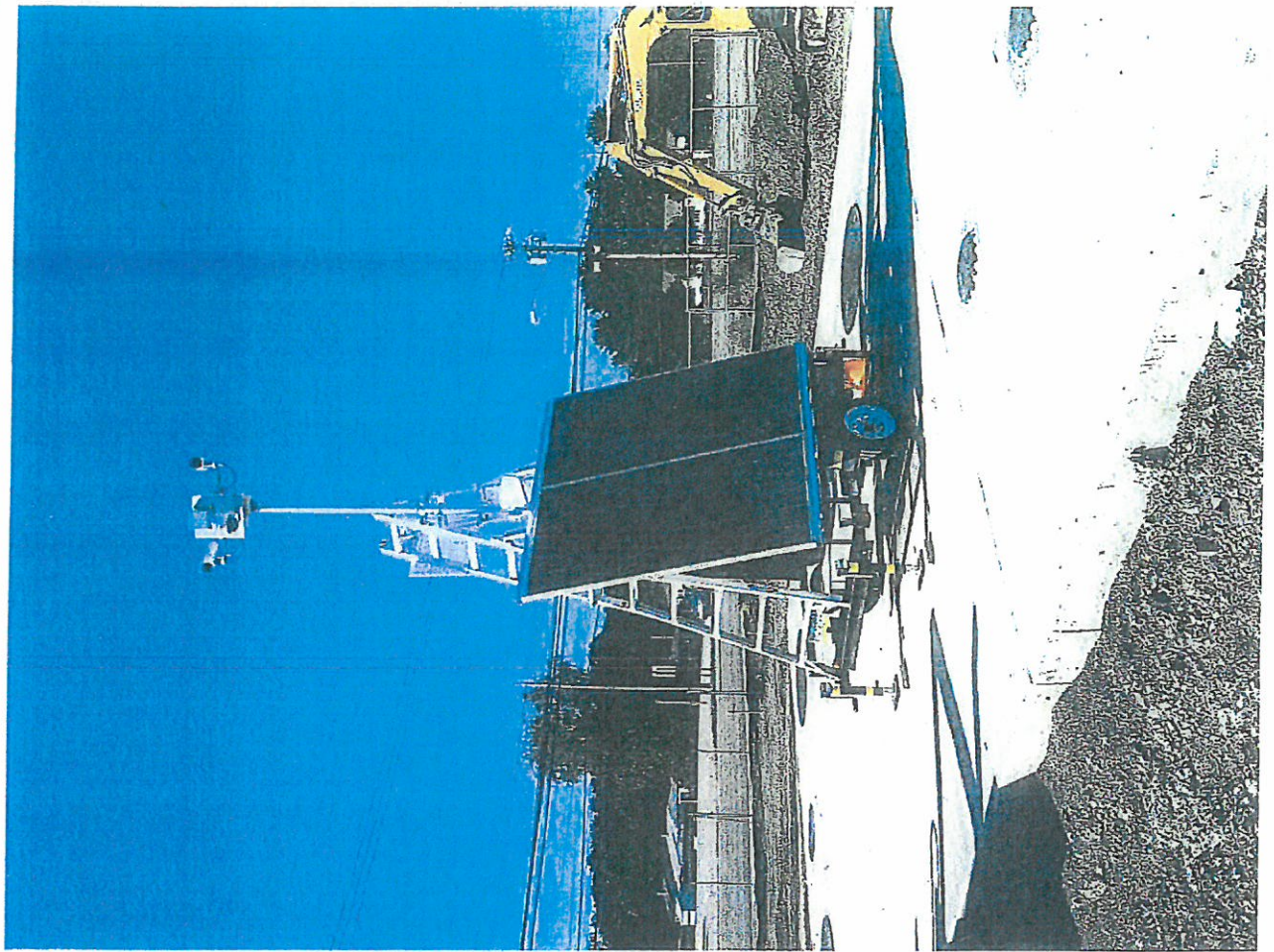
Site 522

Location:

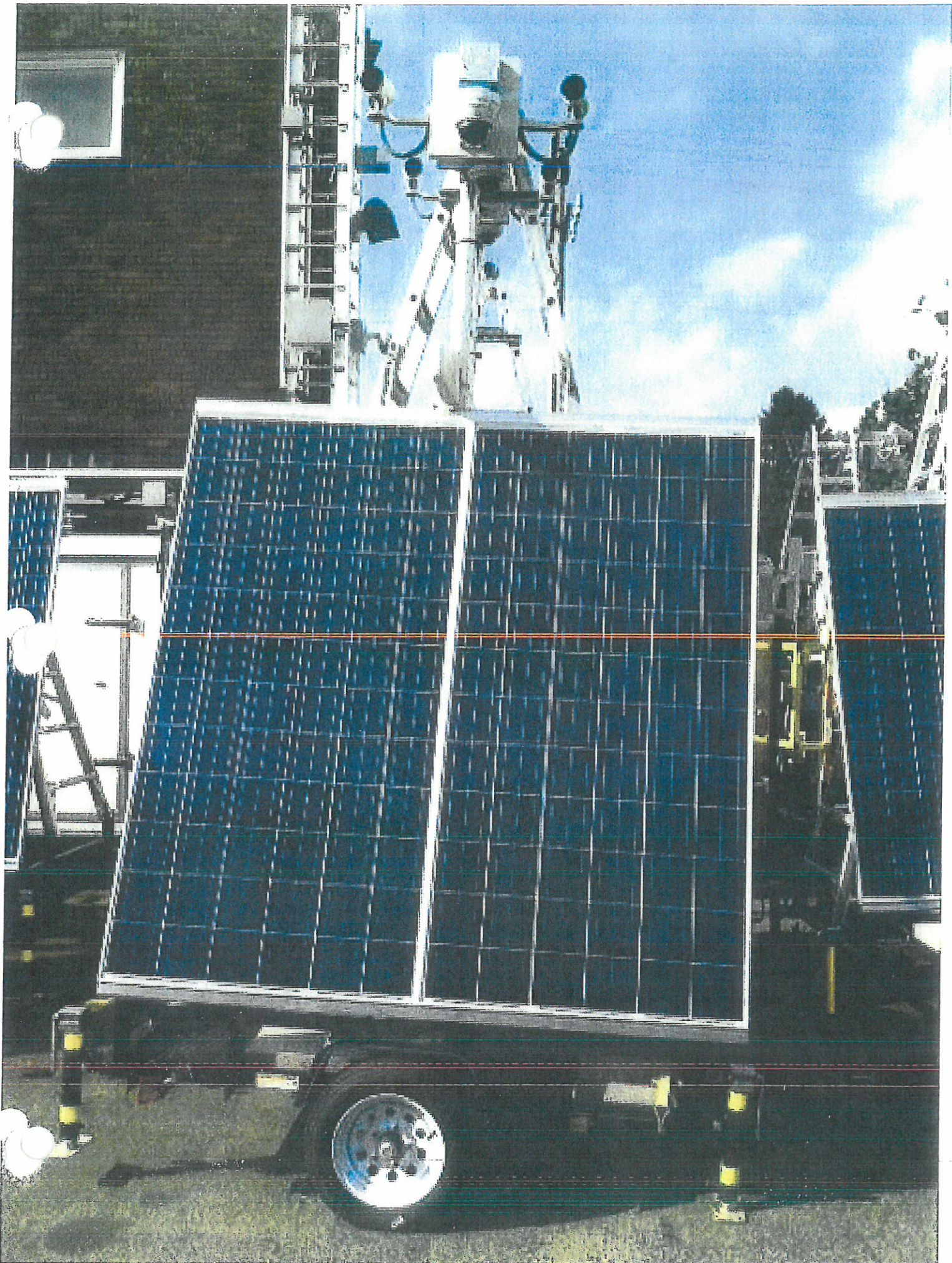
Photo 24



















## Site 528 - Girard, PA

Site 528 Temp: 74.1 F Wind: 1.6 MPH North, Gust: 11



Site 528 Temp: 74.1 F Wind: 1.6 MPH North, Gust: 11



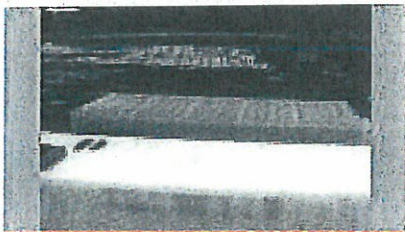


Sheetz

Fredricksburg VA 532



CG05B Cam-3 Thermal >



CG05B Cam-4 Thermal >



CG06B Cam-1 PTZ >



CG06B Cam-2 Trailer >



My Events



Cameras



Favorites



About



Logout

## My Events

Hide

CG20B Cam-2 Trailer: DOOR TAMPER

In-Review

Yesterday, 10:30 AM

CG14B Cam-2 Trailer: Intruder Detecti...

Unreviewed

Yesterday, 11:53 PM

CG20B Cam-2 Trailer: DOOR TAMPER

Unreviewed

Yesterday, 11:01 AM

CG20B Cam-2 Trailer: DOOR TAMPER

Unreviewed

Yesterday, 11:00 AM

CG20B Cam-2 Trailer: DOOR TAMPER

Unreviewed

Yesterday, 10:30 AM

CG20B Cam-2 Trailer: DOOR TAMPER

Unreviewed

Yesterday, 10:24 AM

CG20B Cam-2 Trailer: DOOR TAMPER

Unreviewed

Yesterday, 10:15 AM



My Events



Cameras



Favorites



About

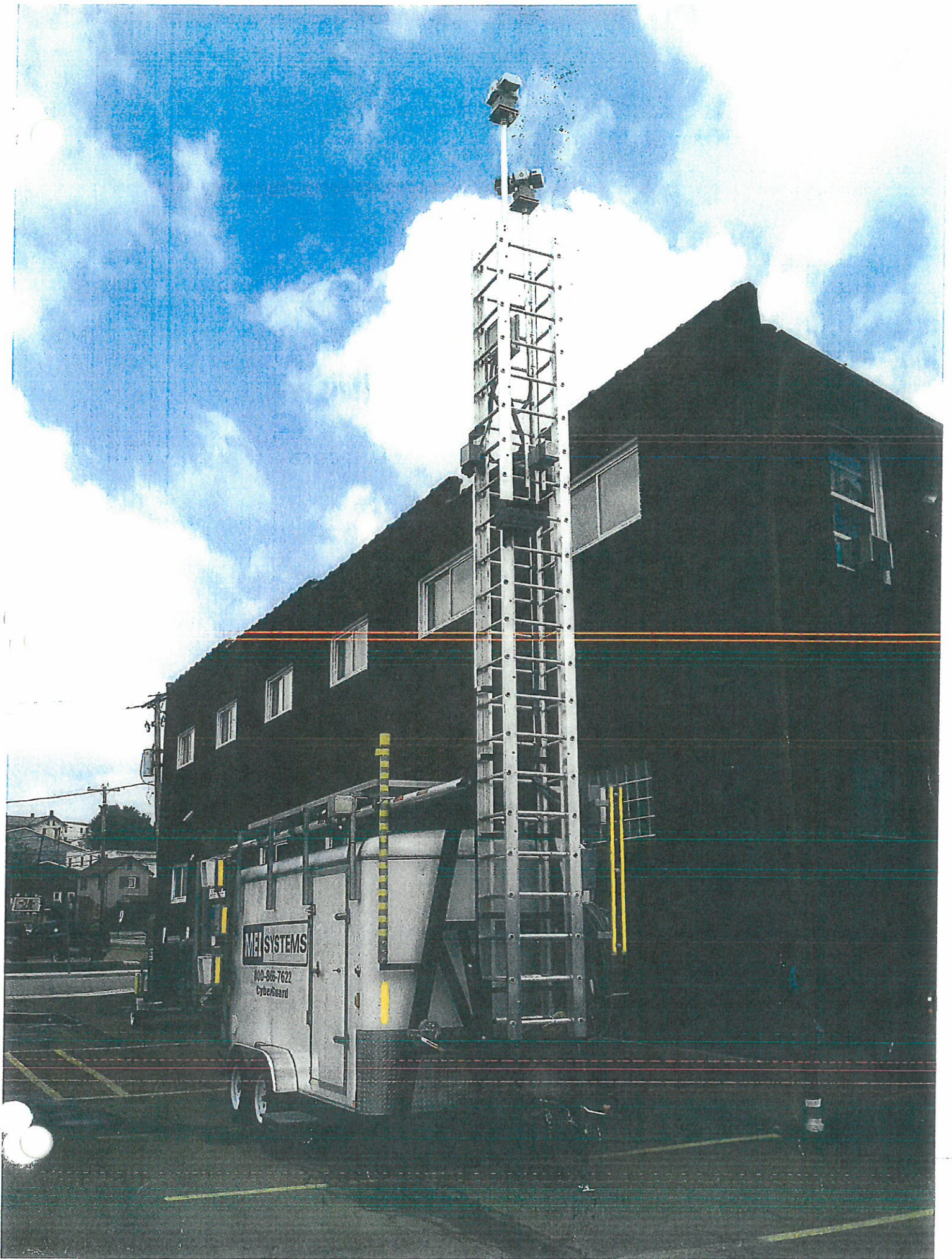
















STOP

AUTHORIZED  
ADMITTANCE  
ONLY

MEI  
SYSTEMS  
800-866-7622

MEI SYSTEMS  
800-866-7622

PA025531

2HA-8032





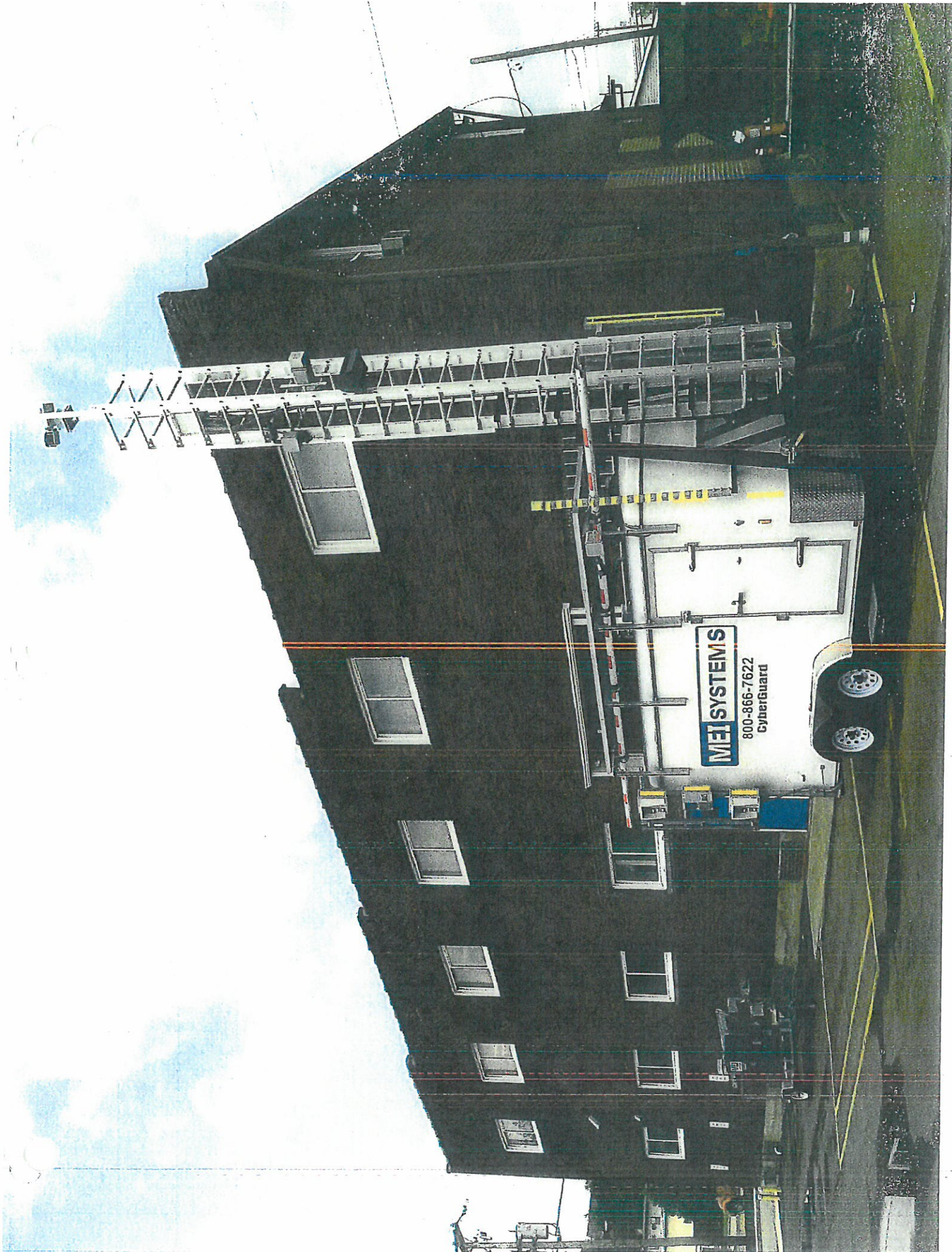


**MEI SYSTEMS**

**800-866-7622**  
**CyberGuard**

Class II Power Supply





MEI SYSTEMS

800-866-7622  
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**MEI SYSTEMS**

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