





## Digital Screen System Information and Sizing for NC Music Factory

NC Music Factory has engaged Ingenuity Sun Media LLC to design a Solar Generating digital sign system to be installed on the property in which to enhance the visitor experience and generate revenue for NC Music Factory. The system consists of 4 Sun Media Trees and 1 Sun Media Street display. All of the screens will display the same message at the same time at different locations on the property. Additionally, this system will have the capability to broadcast Civic Messaging such as Severe Weather or Amber Alerts, thus enhancing public safety. The screens are oriented so that they are not directly facing the public right of way and are intended to serve the patrons visiting the NC Music Factory. Each screen is approximately 3'x5' and if placed on a Sun Media Tree will be mounted at a height of 8' so that there is proper clearance for pedestrians. Please see location map for placement on Property. When used as a ground mounted version, or Street Furniture, these screens are mounted on a 2' base plate and will stand 7' in total height.

Please see site map for locations, orientation and unit descriptions.

# Polaris 3G Map – Mecklenburg County, North Carolina

## NC Music Factory Buffers

Date Printed: 12/16/2013 9:01:08 AM



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# Polaris 3G Map – Mecklenburg County, North Caro

## NCMF - Main Detail

NC Music Factory REZONE AREA

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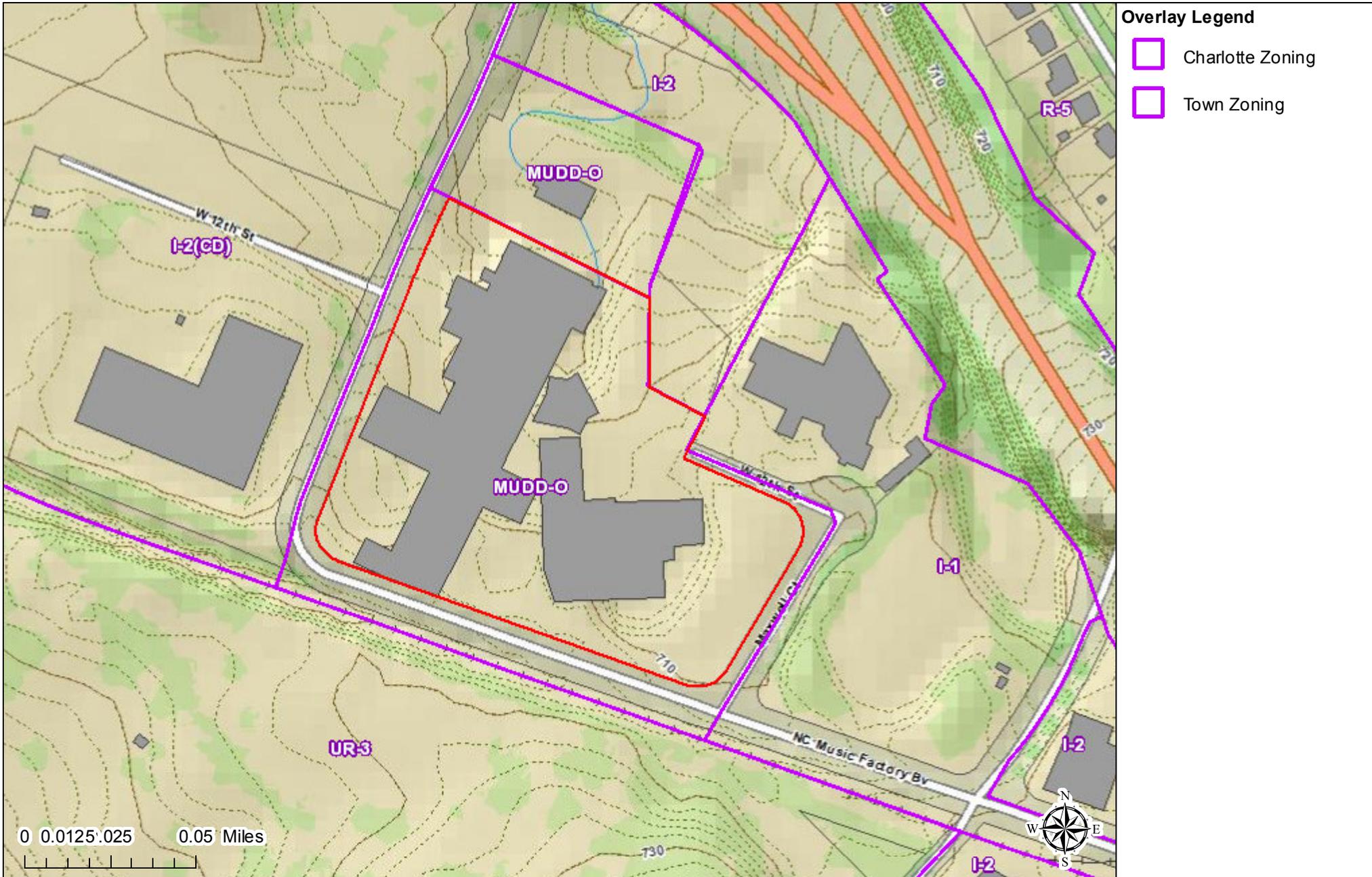


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# Polaris 3G Map – Mecklenburg County, North Carolina

## NCMF - Topography

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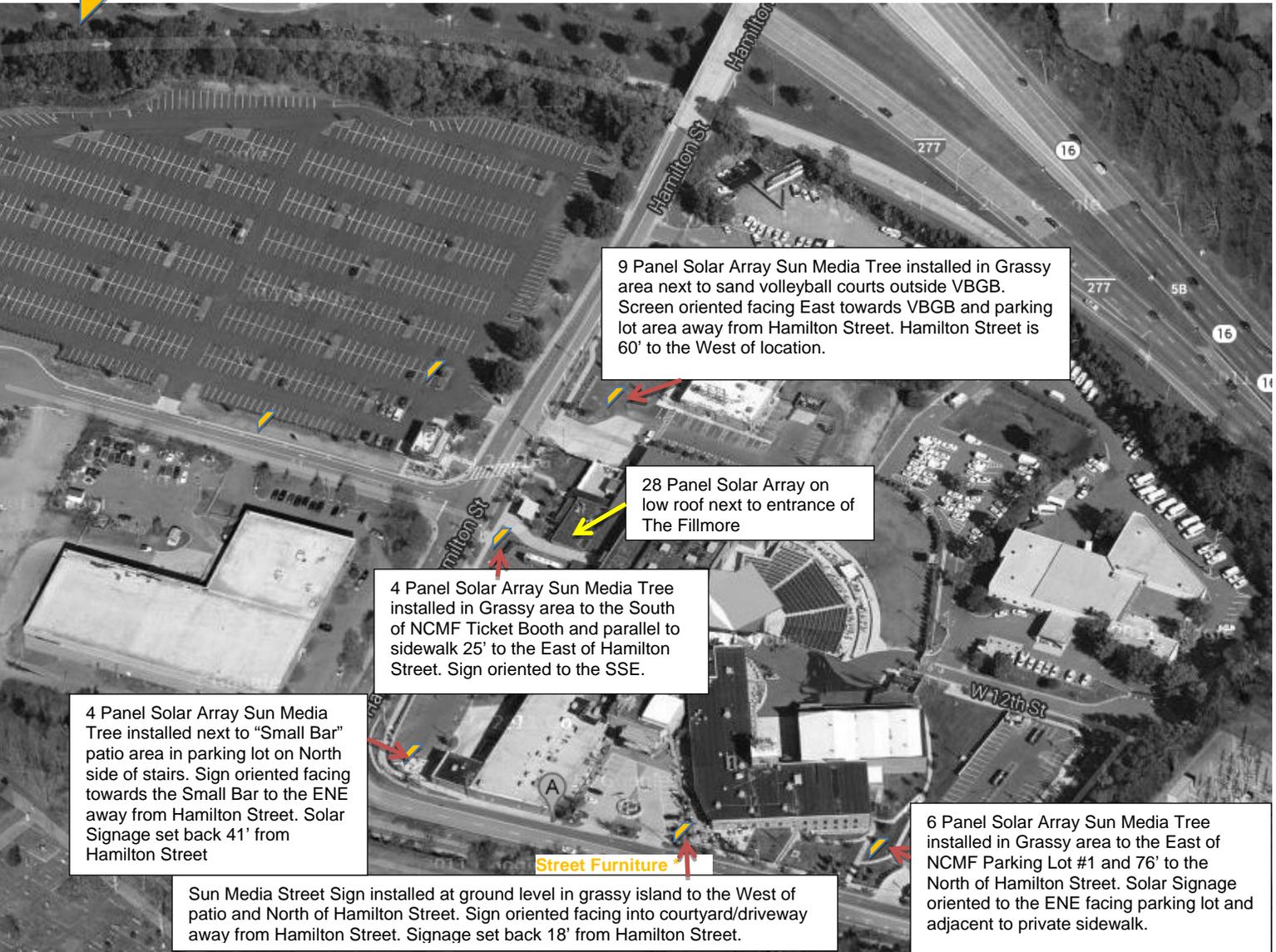


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Indicates Screen Direction.  
Short side is front facing screen

NC Music Factory SMT Locations



9 Panel Solar Array Sun Media Tree installed in Grassy area next to sand volleyball courts outside VBGB. Screen oriented facing East towards VBGB and parking lot area away from Hamilton Street. Hamilton Street is 60' to the West of location.

28 Panel Solar Array on low roof next to entrance of The Fillmore

4 Panel Solar Array Sun Media Tree installed in Grassy area to the South of NCMF Ticket Booth and parallel to sidewalk 25' to the East of Hamilton Street. Sign oriented to the SSE.

4 Panel Solar Array Sun Media Tree installed next to "Small Bar" patio area in parking lot on North side of stairs. Sign oriented facing towards the Small Bar to the ENE away from Hamilton Street. Solar Signage set back 41' from Hamilton Street

6 Panel Solar Array Sun Media Tree installed in Grassy area to the East of NCMF Parking Lot #1 and 76' to the North of Hamilton Street. Solar Signage oriented to the ENE facing parking lot and adjacent to private sidewalk.

Sun Media Street Sign installed at ground level in grassy island to the West of patio and North of Hamilton Street. Sign oriented facing into courtyard/driveway away from Hamilton Street. Signage set back 18' from Hamilton Street.

Street Furniture

# NC Music Factory Digital Screen Locations





To see all the details that are visible on the screen, use the "Print" link next to the map

1

Location 1. Sun Media Tree will be facing into Parking Lot and seating area of VBGB.





To see all the details that are visible on the screen, use the Print link on the map.

2

Location #2.  
Sun Media Tree will be perpendicular to Hamilton Street facing South into building and oncoming sidewalk pedestrian traffic.





To see all the details that are visible on the screen, use the "Print" link next to the map.

3

Location #3.  
Sun Media Tree will be mounted  
in Parking lot next to patio.  
Screen will face into building and  
parking / patio area.





To see all the details that are visible on the screen, use the "Print" link next to the map.

4

Location #4.  
Ground Mounted Sun Media "Street Furniture" will be in grassy island facing in toward to patio and parking lot areas.



To see all the details that are visible on the screen, use the "Print" next to the map.



5

Location #5.  
Sun Media Tree will be located between the parking lot and pedestrian walkway and will be facing into the parking lot area.



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Report a problem

# 6 MM STREET FURNITURE VIDEO DISPLAY

## LED STREET LEVEL DISPLAYS



Digital street furniture provides a sleek, European-inspired design that compliments surrounding architecture, emphasizing your message—not the medium. Vibrant images and unsurpassed picture quality capture the attention of passers-by and deliver maximum visibility to both scheduled advertising and timely information. Industry-leading technology combined with Daktronics proven reliability ensures that your message is delivered. Make a statement and a substantial Return on Investment with Daktronics digital street furniture.

### SLEEK, REFINED DESIGN

Aesthetically pleasing design that emphasizes the advertiser's message while complimenting surrounding architecture.

### SUN-CUTTING BRIGHTNESS

6,000 nits of adjustable brightness means messages are seen in any environment, any time of day, creating the only true daylight viewable solution.

### LONGEST-LASTING TECHNOLOGY

Daktronics digital street furniture is built with the highest-quality LED technology that's proven to last. The operational lifetime of this product is 3-4 times longer when compared to outdoor LCD display technology.

### MAXIMUM RETURN ON INVESTMENT

By selecting superior LED technology packaged in a high-contrast module design, users save on power consumption while providing superior image quality and vivid picture detail.

### UNSURPASSED APPLICATION FLEXIBILITY

From campuses to cityscapes, arenas and beyond, Daktronics digital street furniture is specifically designed for high impact on slow-moving vehicular and pedestrian traffic.

### MOST ROBUST TECHNOLOGY

Specifically built for harsh outdoor environments, this product features UV and vandal resistant glass, weather sealed components, and runs cooler than LCD displays. Users have peace-of-mind in product reliability.

### 24/7 DISPLAY HEALTH

Daktronics remote diagnostics increases display uptime and provides an immediate response should an error occur.

### NO NONSENSE CONTROL

Daktronics proprietary content management system provides user friendly attributes and the power to manage large networks.

### KEEP COMMUNITIES SAFE

Daktronics digital street furniture accepts feeds that provide emergency information to one, or a network of displays at a moment's notice.

### ULTIMATE POWER CONTROL

Displays come standard with remote power control. Safely shut down from a remote location in inclement weather and eliminate service visits to restore power.

### WHISPER QUIET VENTILATION

An innovative ventilation system eliminates unnecessary background noise.



# DAKTRONICS

## STREET FURNITURE 6 MM SINGLE FACE PRODUCT SPECIFICATION

### 2 Square Meter Configuration

<b>Pixel Configuration</b>	RGB 3-in-1 SMD
<b>Screen Configuration</b>	240 x 192 pixels
<b>Active Area</b>	1585 mm x 1268 mm - (62.4" x 49.9")
<b>Panel Dimensions (HxWxD)<sup>1</sup></b>	1820 mm x 1460 mm x 220 mm - (71.65" x 57.48" x 8.66")
<b>Diagonal Measurement</b>	80" (2032 mm)
<b>Pixels per Square Meter</b>	22,927 pixels per square meter
<b>System Maximum Power<sup>2</sup></b>	1594 watts
<b>System Average Power<sup>2</sup></b>	485 watts
<b>Weight</b>	260 kg - 573 lbs (component & cabinet weight)
<b>Processing</b>	22 bit (Distributed)
<b>Color Capacity</b>	16 bit (281 trillion colors)
<b>Dimming</b>	256 levels
<b>Color Temperature</b>	3000° - 10,000° K (adjustable)
<b>Calibration</b>	Full depth, LED to LED
<b>LED Refresh Rate</b>	4800 Hz
<b>Calibrated Intensity (measured at 6,500 deg K)<sup>3</sup></b>	6000 nits (cd/sm)
<b>Lifetime</b>	100,000 hours
<b>Data Transmission to Display</b>	Ethernet, 3G/4G compatible
<b>Temperature Rating<sup>4</sup></b>	-35° to 45° C (-31° to 113° F)
<b>Ventilation System</b>	Forced Air/Filter
<b>Protection</b>	UV and vandal-resistant glass

### 2.5 Square Meter Configuration

<b>Pixel Configuration</b>	RGB 3-in-1 SMD
<b>Screen Configuration</b>	288 x 192 pixels
<b>Active Area</b>	1902 mm x 1268 mm - (74.9" x 49.9")
<b>Panel Dimensions (HxWxD)<sup>1</sup></b>	2137 mm x 1460 mm x 220 mm - (84.13" x 57.48" x 8.66")
<b>Diagonal Measurement</b>	90" (2286 mm)
<b>Pixels per Square Meter</b>	22,927 pixels per square meter
<b>System Maximum Power<sup>2</sup></b>	1905 watts
<b>System Average Power<sup>2</sup></b>	570 watts
<b>Weight</b>	295 kg - 650 lbs (component & cabinet weight)
<b>Processing</b>	22 bit (Distributed)
<b>Color Capacity</b>	16 bit (281 trillion colors)
<b>Dimming</b>	256 levels
<b>Color Temperature</b>	3000° - 10,000° K (adjustable)
<b>Calibration</b>	Full depth, LED to LED
<b>LED Refresh Rate</b>	4800 Hz
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<b>Protection</b>	UV and vandal-resistant glass

Note 1: Panel dimensions are limited to panel specifically and do not include support structure and/or cabinet.

Note 2: Power draw varies depending upon display ventilation.

Note 3: Measurement taken with display behind protective glass.

Note 4: Temperature range is based on typical usage (100% brightness, 50% content). Display will operate above listed temp range but will see greater rates of dimming.

Note 5: Customized street furniture possible within limits imposed by ventilation requirements and UV glass manufacturing limitations.

Note 6: Consistent with Daktronics policy of continuing product improvement, specifications shown on this document are subject to change without notice.





## Available Options

### Security Cameras

Arecont

### LED Lighting

CREE Aeroblades

### EV Charging Stations *(Single and Dual Level II)*

Coulomb Technologies

Schneider Electric

General Electric



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