# Town of Hilton Head Island

# Design Review Board Meeting

**Tuesday, February 25, 2025, 2:30 PM**
**1 Town Center Court, Hilton Head Island, SC**
**Conference Room Four**

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The Design Review Board meeting will be held in person at Town Hall in Conference Room Four.

1. **Call to Order**
2. **Adoption of the Agenda**
3. **Approval of the Minutes**
   - **a.** Regular Meeting Minutes of February 11, 2025
4. **Unfinished Business**
   - **a.** DRB-000036-2025 - 25 Hospital Center Boulevard - Novant Health - Sign System
   - **b.** DRB-001675-2025 - 1016 William Hilton Parkway - Beaufort Memorial Hospital Emergency & Urgent Care - Conceptual
5. **New Business**
6. **Public Comment - Non Agenda Items**
7. **Staff Reports**
8. **Adjournment**

FOIA Compliance: Public notification of this meeting has been published, posted, and distributed in compliance with the South Carolina Freedom of Information Act and the requirements of the Town of Hilton Head Island.

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accommodation should contact the Town of Hilton Head Island ADA Coordinator as soon as possible but no later than 48 hours before the scheduled event.

Municipal Association of South Carolina (MASC) Civility Pledge:
“I pledge to build a stronger and more prosperous community by advocating for civil engagement, respecting others and their viewpoints, and finding solutions for the betterment of my city or town.”

# Town of Hilton Head Island
# DESIGN REVIEW BOARD MEETING
# Tuesday, February 11, 2025, 2:30 PM
# Minutes

## 1. Call to Order

Chair Carstens called the meeting to order at 2:33 p.m.

## 2. Adoption of the Agenda

Mr. Parker made a motion to adopt the agenda. Vice Chair Lippert seconded, and the motion passed unanimously.

## 3. Approval of the Minutes

**a.** Regular Meeting Minutes of January 28th, 2025

Ms. Pastor made a motion to approve the meeting minutes of January 28th, 2025. Mr. Parker seconded, and the motion passed unanimously.

## 4. Unfinished Business

**a.** DRB-000079-2025 - 37 New Orleans Road - Michael Anthony's - Final Review

Melissa Paul-Leto, Principal Planner, presents the application for Michael Anthony's for final review. The applicant clarified questions and concerns by the Board.

Ms. Pastor made a motion to approve with the following conditions: adhere to staff comments; exterior lighting plan be review by staff and a board member, no string lights, combined maximum lumens are not exceeded, review of the stair elevation and handrail elevation. Mr. Parker seconded. The motion passed unanimously.

**b.** DRB-000111-2025 - 862 William Hilton Parkway - Beach Properties of Hilton Head - Final Review

Chair Carstens recused himself, passed the gavel to Vice Chair Lippert, and left the dias. Ms. Paul-Leto presented the Beach Properties of Hilton Head for final review. The applicant answered Board questions and concerns.

Ms. Fitzpatrick made a motion for approval with the following conditions: adhere to staff comments; follow design guidelines and communicate with Staff for any added sculptures; have the exterior paint a shade darker than the proposed "cotton ball" white; change the exterior half cylinder lights from acrylic matte white to a bronze color; lessen the number of blades on the louvers on the second floor shutters; provide staff with HVAC screen color. Ms. Pastor seconded, and the motion passed unanimously.

**c.** DRB-001144-2024 - 35 Office Park Way - One Hot Mamas - Final Review

Vice Chair Lippert passed the gavel back to Chair Carstens, who returned to the dias. Ms. Paul-Leto presented One Hot Mamas for final review. The applicant answered Board questions and concerns. There was discussion of whether or not One Hot Mamas needed to submit the main building for design review. The approval for the main building design and color palette was not approved by the Board yet is now operational. This application is for the remodel of the former "Marley's Surf Shack" into One Hot Mamas outside bar which will be named "The Garage of One Hot Mamas". There was debate on the color scheme, and disapproval of the regal red color being used. The deck/floor plan and wall need to tie back to the building, and the landscape plan is not currently accurate.

Chair Carstens suggested the applicants table the final review for a later date, due to the lack of approval on the main building, and architectural questions for the outside bar. The applicant tabled the application for a February 25th meeting.

**d.** DRB-000616-2024 -120 Arrow Road - Atlantic Laundry - Final Review

Melissa Paul-Leto, Principal Planner, presents the application for Atlantic Laundry for final review. The applicant clarified questions and concerns by the Board. There was discussion by the Board for more accuracy with the existing conditions in the plans, the lack of lighting cut sheets, the overlap of the large myrtle tree with the roof and proposed additions to the roof/overhang (can be replaced by a palm tree if needed), clarification on the color of the stairs and railings, no reference to the elevations and their colors, note the wood type for the tongue-and-grove clear coat ceiling beams. Better sample of the lunar material to confirm the contrast. All conditions to be approved by staff.

Mr. Parker made a motion to approve with the following conditions: adhere to staff comments; upper mansard roof soffit material to be consistent; strip light cut sheet to be submitted to staff for approval, any coins that are exposed during renovation on the corners of the building will be removed, the existing railings shown will be bronze, an actual sample of the lunar material both on the stucco and on the smooth painted surface be submitted to staff for approval; if crepe myrtle become an issue, it is suggested to take them out and put in matching palm trees to the existing, the new soffit material will be finished to match the wall panels to the greatest extent possible. Ms. Lippert seconded. The motion passed unanimously.

## 5. New Business

## 6. Public Comment - Non Agenda Items

## 7. Board Business

The Board questioned how the One Hot Mamas main building was allowed to recieve permits and open prior to being reviewed by the Design Review Board. The Board also requested a timeline for the updated design guide that will be handled during the Land Management Ordinance (LMO) rewrite.

8. **Staff Reports**

9. **Adjournment**

**The recording of this Meeting can be found on the Town's website at www.hiltonheadislandsc.gov**

# Novant Health
# Hilton Head Hospital
# 25 Hospital Center Blvd.
# Sign System
# Design Review

## February 25, 2025

# Town of Hilton Head Island

Community Development Department
One Town Center Court
Hilton Head Island, SC 29928
Phone: 843-341-4757 Fax: 843-842-8908
www.hiltonheadislandsc.gov

**FOR OFFICIAL USE ONLY**
Date Received: _____
Accepted by: _____
DRB #: _____
Meeting Date: _____

Applicant/Agent Name: Wendi Ferguson Company: Lockwood Identity Inc /dba SignArt
Mailing Address: PO BOX 560648 City: Charlotte State: NC Zip: 28256
Telephone: 704-597-9801 Fax: _____ E-mail: wendi@signartsign.com
Project Name: Novant Health Hilton Head Hospital Project Address: 25 Hospital Center Blvd, Hilton Head Island
Parcel Number [PIN]: R5 1 0 0 0 8 0 0 0 1 0 3 A 0 0 0 0
Zoning District: Medical Overlay District(s): Partial District ROW Arterial

## CORRIDOR REVIEW, MAJOR
## DESIGN REVIEW BOARD (DRB) SUBMITTAL REQUIREMENTS

***Digital Submissions may be accepted via e-mail by calling 843-341-4757.***

Project Category:

_____ Concept Approval – Proposed Development
_____ Final Approval – Proposed Development
_____ Alteration/Addition
X Sign

Submittal Requirements for ***All*** projects:

_____ Private Architectural Review Board (ARB) Notice of Action (if applicable): When a project is within the jurisdiction of an ARB, the applicant shall submit such ARB's written notice of action per LMO Section 16-2-103.I.4.b.iii.01. Submitting an application to the ARB to meet this requirement is the responsibility of the applicant.

X Filing Fee: Concept Approval-Proposed Development $175, Final Approval – Proposed Development $175, Alterations/Additions $100, Signs $25; cash or check made payable to the Town of Hilton Head Island.

Additional Submittal Requirements:
**Concept Approval – Proposed Development**

_____ A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.
_____ A site analysis study to include specimen trees, access, significant topography, wetlands, buffers, setbacks, views, orientation and other site features that may influence design.
_____ A draft written narrative describing the design intent of the project, its goals and objectives and how it reflects the site analysis results.
_____ Context photographs of neighboring uses and architectural styles.
_____ Conceptual site plan (to scale) showing proposed location of new structures, parking areas and landscaping.
_____ Conceptual sketches of primary exterior elevations showing architectural character of the proposed development, materials, colors, shadow lines and landscaping.

Additional Submittal Requirements:

**Final Approval – Proposed Development**

_____ A final written narrative describing how the project conforms with the conceptual approval and design review guidelines of Sec. 16-3-106.F.3.

_____ Final site development plan meeting the requirements of Appendix D: D-6.F.

_____ Final site lighting and landscaping plans meeting the requirements of Appendix D: D-6.H and D-6.I.

_____ Final floor plans and elevation drawings (1/8"=1'-0" minimum scale) showing exterior building materials and colors with architectural sections and details to adequately describe the project.

_____ A color board (11"x17" maximum) containing actual color samples of all exterior finishes, keyed to the elevations, and indicating the manufacturer's name and color designation.

_____ Any additional information requested by the Design Review Board at the time of concept approval, such as scale model or color renderings, that the Board finds necessary in order to act on a final application.

Additional Submittal Requirements:

**Alterations/Additions**

_____ All of the materials required for final approval of proposed development as listed above, plus the following additional materials.

_____ A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.

_____ Photographs of existing structure.

Additional Submittal Requirements:

**Signs**

_X_ Accurate color rendering of sign showing dimensions, type of lettering, materials and actual color samples.

For freestanding signs:

_X_ Site plan (1”=30’ minimum scale) showing location of sign in relation to buildings, parking, existing signs, and property lines.

_X_ Proposed landscaping plan.

For wall signs:

_X_ Photograph or drawing of the building depicting the proposed location of the sign.

_X_ Location, fixture type, and wattage of any proposed lighting.

Note: All application items must be received by the deadline date in order to be reviewed by the DRB per LMO Appendix D: D-23.

***A representative for each agenda item is strongly encouraged to attend the meeting.***

**Are there recorded private covenants and/or restrictions that are contrary to, conflict with, or prohibit the proposed request? If yes, a copy of the private covenants and/or restrictions must be submitted with this application. ☐YES ☒NO**

To the best of my knowledge, the information on this application and all additional documentation is true, factual, and complete. I hereby agree to abide by all conditions of any approvals granted by the Town of Hilton Head Island. I understand that such conditions shall apply to the subject property only and are a right or obligation transferable by sale.

I further understand that in the event of a State of Emergency due to a Disaster, the review and approval times set forth in the Land Management Ordinance may be suspended.

Wendi Ferguson — 01/09/25

SIGNATURE — DATE

**Novant Health**
**Hilton Head Hospital**
**25 Hospital Center Blvd.**
**Sign System**
**Project Narrative**

At Hilton Head Hospital, we've long prided ourselves on our commitment to compassionate care – and that starts with ensuring patients can easily find their way in our facility. Now as part of Novant Health, we have embarked on a significant rebranding and navigational enhancement project that will improve our patients' experience even more.

The updates include changes to the identification signage to reflect the integration of Hilton Head Hospital into the Novant Health Family, alongside a name change to Novant Health Hilton Head Medical Center, and a major overhaul aimed at improving wayfinding for patients and visitors.

We began our project with a thorough assessment of the current directional signage, which was found to be confusing and outdated, making it hard for patients and visitors to navigate our campus. To change this, we focused our design on what we term “journeys.”

The first wayfinding journey focused on the path to the emergency department. Easily readable signs were strategically placed at every key intersection leading from the main entry point off Beach City Road to the emergency entrance. These signs not only used large, clear fonts but also colored panels, ensuring that even in a stressful situation, individuals could quickly locate emergency services.

For the second journey to doctors' offices and outpatient surgery areas, and the third journey for visitor arrival, the signage clearly indicates the parking and patient drop-off and pickup areas.

The fourth journey relates to passage along Bill Fries Drive and incorporates the elements of the first three journeys as well as directives for leaving the campus to reach Highway 278.

We also transformed our hospital identity with a signage system that takes into account the materials and shapes of related buildings on our campus – and which signals local pride by incorporating nature-based colors and our island's unique character.

By the end of the signage update, Hilton Head Hospital, now proudly Novant Health Hilton Head Medical Center, will be transformed with signage that bring clarity and accessibility, where every sign is a step toward healing and peace of mind.

# Novant Health
# Hilton Head Hospital
# 25 Hospital Center Blvd.
# Sign System
# Design Review Board Comments
# and Novant Health Response

**Lighting:** Not all directional signs currently have lighting. LED lights should be adjusted to 3500K.
**Lighting Details:** A cut sheet for bullet lights over signs should be provided.
**Response:** See Provided Cut Sheets for lighting.

**Color Palette:** Bright white is not allowed; colors should be carefully considered, with purple potentially used more subtly rather than dominating entire signs.
**Purple Application:** Needs further review, especially on the "Medical Facilities" sign.
**Response:** Bright white was removed and a darker version of the Interactive Cream was put in the reveals. White Flour, a lighter color in the family of Interactive Cream, was added to elements with the branded logo. The field of the Medical Plaza sign was changed to Interactive Cream. The branded Aubergine color was darkened to lean toward more of an eggplant color. The copy was changed from white to White Flour, with the exception of the “EMERGENCY” copy which was left white for easier viewing for patients navigating to the Emergency Department.

**Directional Signs:** Too many blank spaces can make them aesthetically problematic. A narrower version of some signs may be needed for better fit and function.
**Response:** The same width was used to keep font sizes consistent, but the height was reduced on signs with less copy panels. Additionally, a decision was made to enlarge the Emergency panel to make those letters more prominent to aid in the primary goal of helping patients find that important service.

**Monument Sign:** Branding is overshadowing wayfinding. The hospital name font should be larger than the brand name.
**Main Entrance Sign:** Should avoid a "boxed-in" look and ensure a clean attachment. Consider adding articulation and depth through variation or stepping in/out.
**Response:** Per Centers for Medicare & Medicaid Services, Novant Health must use the proper name of the hospital and it must presented so that patients are always aware from whom their services and billing come. With that in mind, we must be mindful of the relationship between Novant Health and Hilton Head Medical Center to maintain them as one unit. The brand logo was reduced in size and the color of the panel behind it was modified to reduce contrast. The hospital name below was enlarged. The middle section of the monument was adjusted to project beyond the smaller side elements. The hospital name was modified to be dimensional instead of routed out of the cabinet to add detail.

**Entrance A Pick-Up Signage:** Feels tacked on and should be re-evaluated for better integration.
**Doctor Entrance Signs (I01 & I02):** Wording should be revised to be clearer and more user-friendly.
**Response:** A sign was added and the location of the signs were applied to the lower part of two masonry columns at the drop off point.

**Building Façade Signage:** Must comply with the 40 sq. ft. limit per LMO regulations.
**Response:** The size of the sign was reduced to under the 40 sq. ft. requirement.

**Pedestrian Safety:** Placement of stop signs and other necessary signage should be considered.
**Response:** Stop Signs will be made consistent in style by changing the flag mount to a center mount with a backer. Any additional information signs, will follow the center mount and backer style.

**Additional Details Needed:**
More clarity on materiality, font sizes, dimensions, and sign locations are required.
**Response:** The written specifications were updated and font sizes have been noted. Most signs are a direct replacement. New ground directional signs will be 24” off of the curb and will not impact trees.

**PRODUCT SPECIFICATIONS**

Project Name _____ Date _____

Type or Model _____ Qty _____

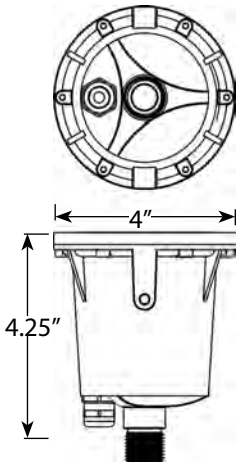
# VOLT® Low Voltage Landscape Lighting

## VOLT® Salty Dog MR16 In-Grade Light- VWL-703

## PRODUCT DESCRIPTION

This redesigned in-grade light has several improved features. This fixture is made from cold forged brass which is less porous then cast brass and better suited for water-related conditions. It also has a pressure fit gasket that creates a tight seal keeping water out of the internal housing. Newly designed wire glands prevent water from getting into the fixture at one of the most common points of failure. This fixture can also be used on land with its efficient heat dissipation. Choose your desired lighting by selecting from our wide variety of MR16 bulbs.

## PRODUCT DIMENSIONS




## SPECIFICATIONS

- **Construction:** Brass & PVC
- **Finish:** Bronze and Black
- **Lead Wire:** 18 AWG
- **Lens:** Clear flat glass
- **Light Source:** MR16
- **Operating Voltage:** 12VAC
- **Powered by:** VOLT's Low Voltage Transformer

## FEATURES & BENEFITS

- Cold forged brass faceplate with pressure fit gasket (must be tightened in a star pattern) to guarantee complete waterproofing.
- Water tight wire glands ensure water cannot get inside the fixture.
- Lamp-ready for our wide array of MR16 lamps.
- Efficient heat dissipation.
- This fixture can be used fully submersed in water.
- Raised lens to prevent water from puddling.

## WARRANTY

Lifetime Warranty

## CERTIFICATIONS

UL LISTED Max 35 Watts File # E466348

c UL LISTED Max 35 Watts File #E466348

3000K Version

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PRODUCT SPECIFICATIONS

Project Name _____ Date _____

Type or Model _____ Qty _____

# VOLT® Low Voltage Landscape Lighting
# VOLT® MR16 Single Source Bulbs

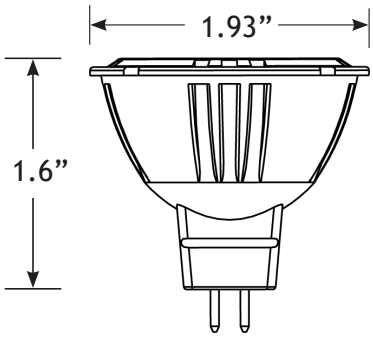
## Product Description

Our Single Source LED MR16 Bulbs are a ***CONFORMING SIZE***. Our LED Lightbulbs will fit any of our LED landscape lighting fixtures that require an MR16 bulb. Our lamps are specifically designed for landscape lighting and outdoor low voltage lighting.

Our high-performance "Single Source" LED lamps are specifically engineered to withstand the elements. Single source LEDs produce much crisper shadows since there is only one light source. Select the color temperature and beam angle that's best suited for the application.

These Forever Bulbs® come with a Lifetime Warranty

## Product Dimensions




## Specifications

- **Input Voltage, Frequency:** 11-16V, 50/60Hz AC
- **Lumen Output**
  - 2W (15W equiv.) Models: 150 lm
  - 3W (20W equiv.) Models: 300 lm
  - 5W (30W equiv.) Models: 400 lm
  - 7W (50W equiv.) Models: 500 lm
- **Correlated Color Temperature (CCT):** 2200K, 2700K, 3000K, 4000K
- **Color Rendering Index (CRI):** >80
- **Life:** 50,000 hours ($L_{70}$)

## Features & Benefits

- Replacements for:
  - 15W, 20W, 30W, and 50W Halogen MR16s
  - 15º, 38º, 60º and now 110º Beam Angles (**NOTE: NOT ALL MODELS ARE AVAILABLE IN ALL CCTs AND BEAM SPREADS)**
- Reduces energy consumption by about 75%
- Lasts up to 8 times longer than halogen lamps or 50,000 hours
- No warm-up time, instant-on with full light output and stable lamp to lamp color
- Wide input voltage 6-16VAC with decreased lumens under 10v
- CREE LED chips

## Warranty

Residential: Lifetime Warranty
Commercial: 10-Year Warranty

## Certifications

UL LISTED File #E366121

c UL LISTED File #E366121

3000K Version

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**PRODUCT SPECIFICATIONS**

Project Name _____ Date _____

Type or Model _____ Qty _____

# VOLT® Low Voltage Landscape Lighting

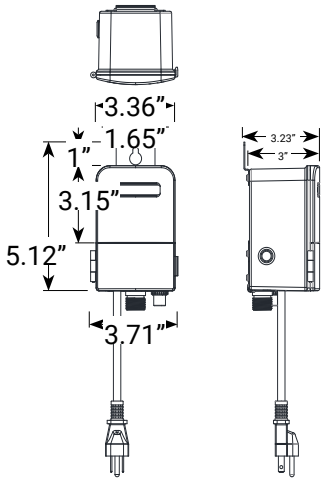
## VOLT® Nano Clamp Connect- VTR-50-PBK

## PRODUCT DESCRIPTION

The VOLT® 50W Nano Clamp-Connect Low Voltage Transformer is the perfect solution for compact settings. Crafted from durable black ABS plastic, this transformer is designed to seamlessly integrate into any outdoor environment. While it's versatile enough for any location, it's especially suited for apartments, condos, and small spaces where easy manual access makes operation a breeze.

With its two clamp connectors and Wago connectors, this transformer allows for quick and secure connections to your lighting system, and it's compatible with all VOLT® fixtures for added flexibility. Designed for user convenience, it features a removable wire exit for straightforward access to connectors and a reset button conveniently located at the bottom for hassle-free maintenance. The simple on/off button and 120V plug make operation straightforward. For optimal installation, the transformer should be mounted at least one foot above the ground and includes a 5-foot lead wire for flexibility during setup. For added convenience, pair this transformer with the Ring Outdoor Smart Plug (note: Ring Outdoor Smart Plug requires the Ring Smart Lighting Bridge).

## PRODUCT DIMENSIONS




## FEATURES & BENEFITS

- Low-profile housing for easier mounting and concealment.
- Easy access on/off button on side. .
- Reset button on bottom of the transformer.

## SPECIFICATIONS

- **Construction:** ABS Plastic
- **Finish:** Black
- **Lead Wire:** 5ft
- **Operating Voltage:** 12VAC
- **Watts:** 50W
- **Voltage Taps:** 15 VAC

## WARRANTY

5 Year Warranty

## CERTIFICATIONS

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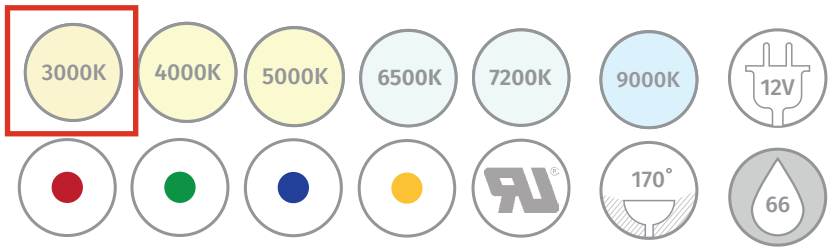
EVERYLITE®
www.everylite.com

| | |
|---|---|
| Date: | |
| Type: | |
| Firm Name: | |
| Project: | |

# Panoramic 3D Series

**Everylite Datasheet Ver 3.0.0**
**Revision Date 08/2021**




## Features

- Panoramic Series 3-diode LED module for all your standard signage applications
- You can combine it with our new generation Panoramic Series 1D and 2D modules to reach any possible corner or angle while maintaining perfect color consistency
- Preinstalled double sided tape for a quick layout and screw holes in all modules for easy permanent installation
- Incredible 170 degree beam angle means better coverage and no hot spots
- 2835 surface mount LED with a high luminuous efficacy
- Perfect color consistency with in-house color binning
- 50,000 hours rated lifetime
- UL, CE and RoHS

3000K Version

## Panoramic 3D Gen. III Parameters

| Item # | Color | Peak Wave Length | module/ft | Lm/module | Lm/ft | Lm/W | W/module | W/ft | Input Voltage | Viewing Angle | Waterproof |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PA-3D-W3CL | Warm White | 3000K | 1.5 | 98 | 147 | 93 | 1 | 1.5 | 12 | 170° | IP66 |
| PA-3D-W4CL | Daylight White | 4000K | 1.5 | 106 | 159 | 105 | 1 | 1.5 | 12 | 170° | IP66 |
| PA-3D-W5CL | Natural White | 5000K | 1.5 | 101 | 151 | 100 | 1 | 1.5 | 12 | 170° | IP66 |
| PA-3D-W6CL-EG | Pure White | 6500K | 1.5 | 73 | 136 | 95 | 0.72 | 1.08 | 12 | 170° | IP66 |
| PA-3D-W6CL | Pure White | 6500K | 1.5 | 106 | 159 | 100 | 1 | 1.5 | 12 | 170° | IP66 |
| PA-3D-W7CL | Cool White | 7000K | 1.5 | 96 | 144 | 95 | 1 | 1.5 | 12 | 170° | IP66 |
| PA-3D-W9CL | Blue Sky | 9000K | 1.5 | 104 | 156 | 99 | 1 | 1.5 | 12 | 170° | IP66 |
| PA-3D-RXCL | Red | 620-625nm | 1.5 | 26 | 40 | 36 | 0.72 | 1.08 | 12 | 170° | IP66 |
| PA-3D-GXCL | Green | 515-525nm | 1.5 | 54 | 81 | 74 | 0.72 | 1.08 | 12 | 170° | IP66 |
| PA-3D-BXCL | Blue | 460-465nm | 1.5 | 13 | 19 | 18 | 0.72 | 1.08 | 12 | 170° | IP66 |
| PA-3D-AXCL | Amber | 580-596nm | 1.5 | 64 | 96 | 87 | 0.72 | 1.08 | 12 | 170° | IP66 |

## Power Supply Maximum Loading Capacity*

0.72 Watt LED

| Power Supply | 20W | 60W | 100W | 150W | 240W |
|---|---|---|---|---|---|
| By Module | 25 mods | 75 mods | 125 mods | 187 mods | 300 mods |
| By Footage | 16.7 ft | 50 ft | 83.3 ft | 125 ft | 200 ft |

*Due to voltage drop, a maximum of 50 modules can be run before power needs to be reintroduced into the line of modules.*

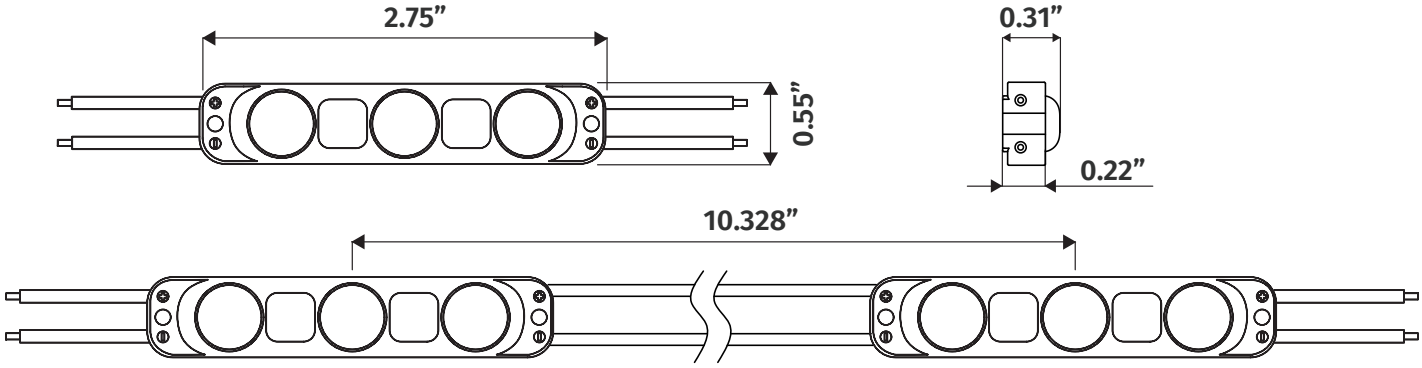
1 Watt LED

| Power Supply | 20W | 60W | 100W | 150W | 240W |
|---|---|---|---|---|---|
| By Module | 18 mods | 54 mods | 90 mods | 135 mods | 216 mods |
| By Footage | 12 ft | 36 ft | 60 ft | 90 ft | 144 ft |

*Due to voltage drop, a maximum of 50 modules can be run before power needs to be reintroduced into the line of modules.*

## Drawing

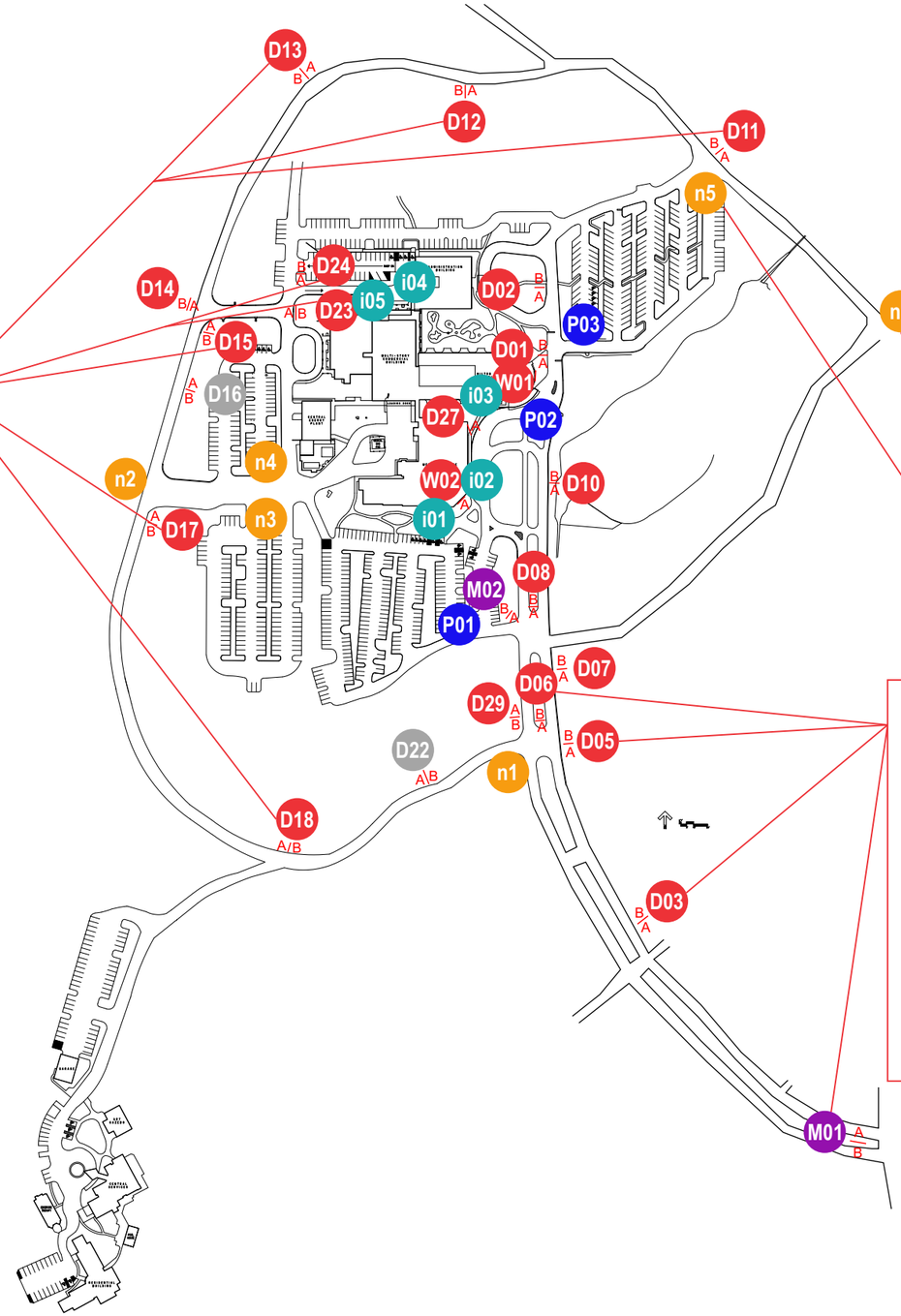
Unit: inches




3000K Version

# HILTON HEAD
# MAIN
# SITE PLAN
# Scale 1"=30'

External Lighting
VOLT® Salty Dog MR16 In-Grade Light- VWL-703 3000K




External Lighting
VOLT® Salty Dog MR16 In-Grade Light- VWL-703 3000K

# HH001
# Hilton Head Hospital
# Site Map Overall

## Site Information

Address: 25 Hospital Center Blvd
City: Town of Hilton Head
State: SC 29926
PIN: R510 008 000 103A 0000
Zoned: Medical with Partial Overlay COW Arterial
Jurisdiction: Town of Hilton Head Island
Contact: Trey Lowe, Planner
TreyL@hiltonheadislandsc.gov
Town of Hilton Head Island
1 Town Center Court
Mount Pleasant, SC 28828
Office: 843-341-4690

Property Owner: Hilton Head Medical Center LLC
Property Owner Address: 25 HOSPITAL CENTER BLVD.
HILTON HEAD ISLAND, SC 29926

Total Acres: 15.63


SignArt
6225 Old Concord Road
Charlotte, NC 28213
P: 704.597.9801
www.signartsign.com


JOB ID: 42814
ISSUE DATE: 07/30/24
CUSTOMER: Novant Health
SALESPERSON: Randy Long
DESIGNER: Jordan Waddell

JOB LOCATION: NH Hilton Head Hospital
25 Hospital Center Blvd.
Hilton Head, SC

FILE PATH: N\Novant Health\South Carolina\Hilton Head\25 Hospital Center Blvd- Hospital & Medical Plaza\42814 Permanent Signage

REVISIONS:
1 08/12/24 WF
2 10/30/24 WF
3 12/19/24 JA
4 12/30/24 WF
5 01/03/25 WF
6 01/07/25 WF
7 01/13/25 WF
8 01/22/25 WF

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Date:
Signature:

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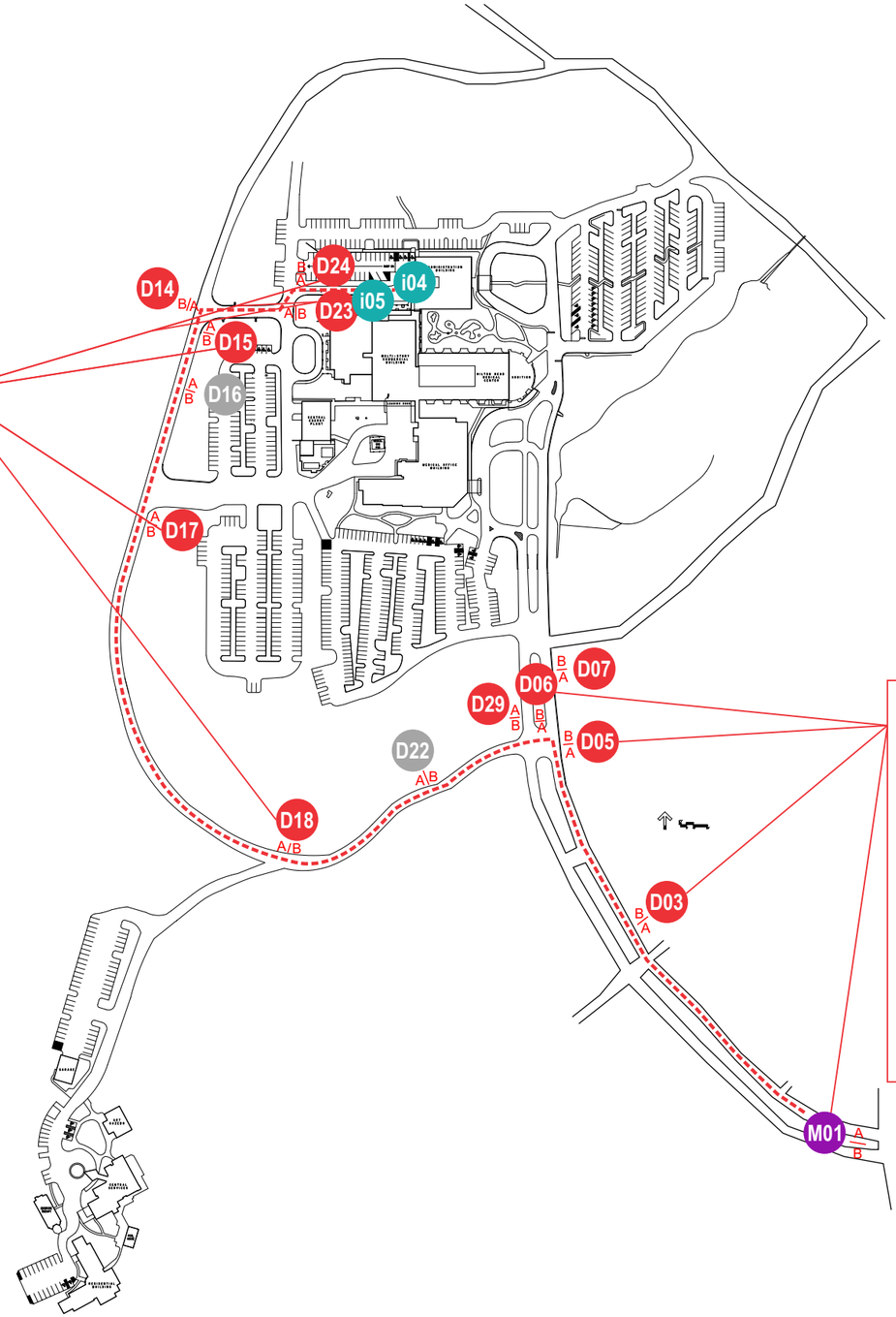
1

External Lighting
VOLT® Salty Dog MR16 In-Grade Light- VWL-703 3000K




External Lighting
VOLT® Salty Dog MR16 In-Grade Light- VWL-703 3000K

# HH002
# Patient Journey Maps
# Emergency Arrival

## Site Information

Address: 25 Hospital Center Blvd
City: Town of Hilton Head
State: SC 29926
PIN: R510 008 000 103A 0000
Zoned:
Jurisdiction: Town of Hilton Head Island
Contact: Trey Lowe, Planner
TreyL@hiltonheadislandsc.gov
Town of Hilton Head Island
1 Town Center Court
Mount Pleasant, SC 28828
Office: 843-341-4690

Property Owner: Hilton Head Medical Center LLC
Property Owner Address: 25 HOSPITAL CENTER BLVD
HILTON HEAD ISLAN, SC 29926

Total Acres: 15.63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Charlotte, NC 28213
P: 704.597.9801
www.signartsign.com


JOB ID: 42814
ISSUE DATE: 07/30/24
CUSTOMER: Novant Health
SALESPERSON: Randy Long
DESIGNER: Jordan Waddell

JOB LOCATION: NH Hilton Head Hospital
25 Hospital Center Blvd.
Hilton Head, SC

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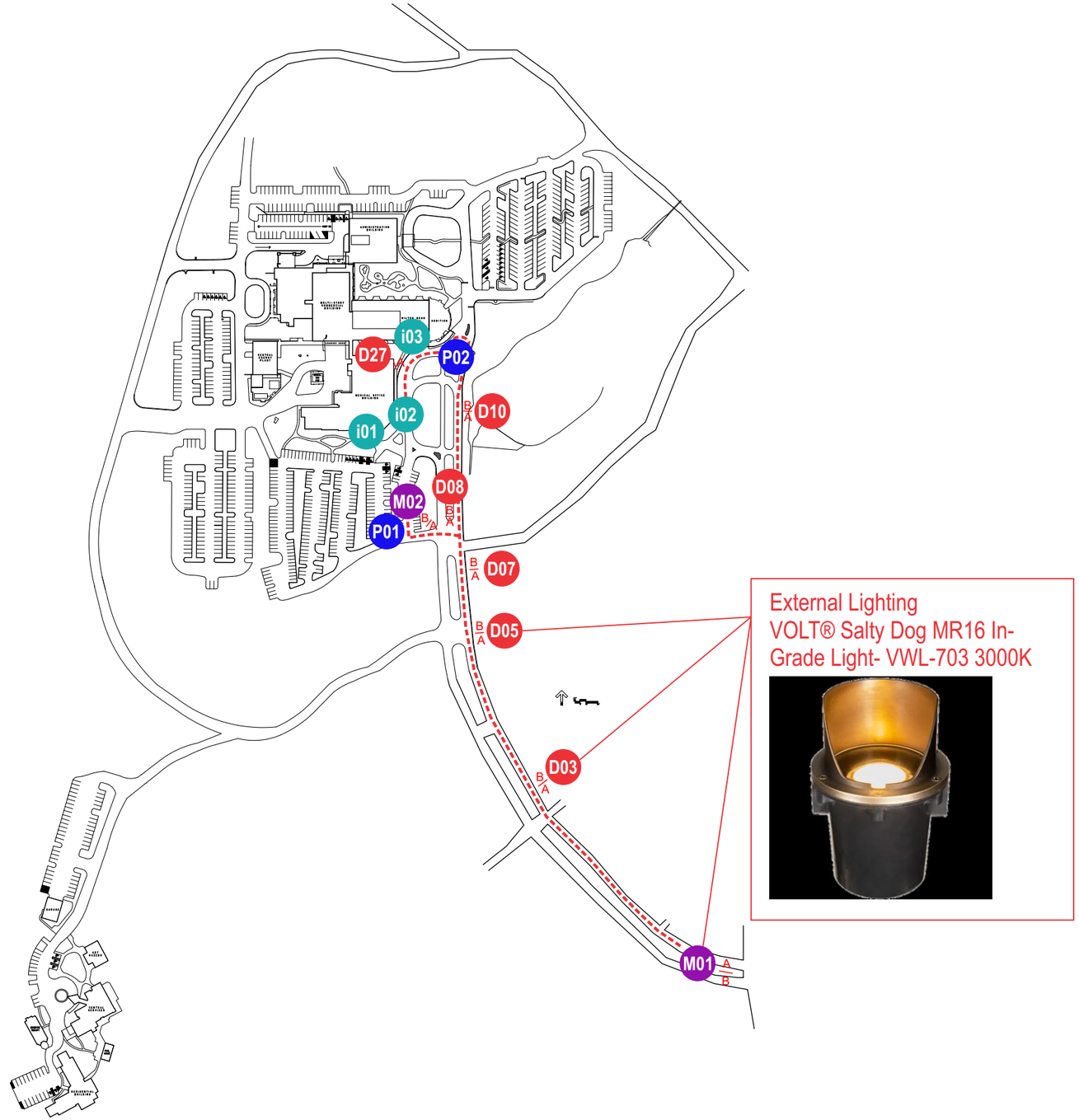
2

# HH003
# Patient Journey Maps
# Patient Arrival




## Site Information

Address: 25 Hospital Center Blvd
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State: SC 29926
PIN: R510 008 000 103A 0000
Zoned:
Jurisdiction: Town of Hilton Head Island
Contact: Trey Lowe, Planner
TreyL@hiltonheadislandsc.gov
Town of Hilton Head Island
1 Town Center Court
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Office: 843-341-4690

Property Owner: Hilton Head Medical Center LLC
Property Owner Address: 25 HOSPITAL CENTER BLVD
HILTON HEAD ISLAN, SC 29926

Total Acres: 15.63

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DESIGNER: Jordan Waddell

JOB LOCATION: NH Hilton Head Hospital
25 Hospital Center Blvd.
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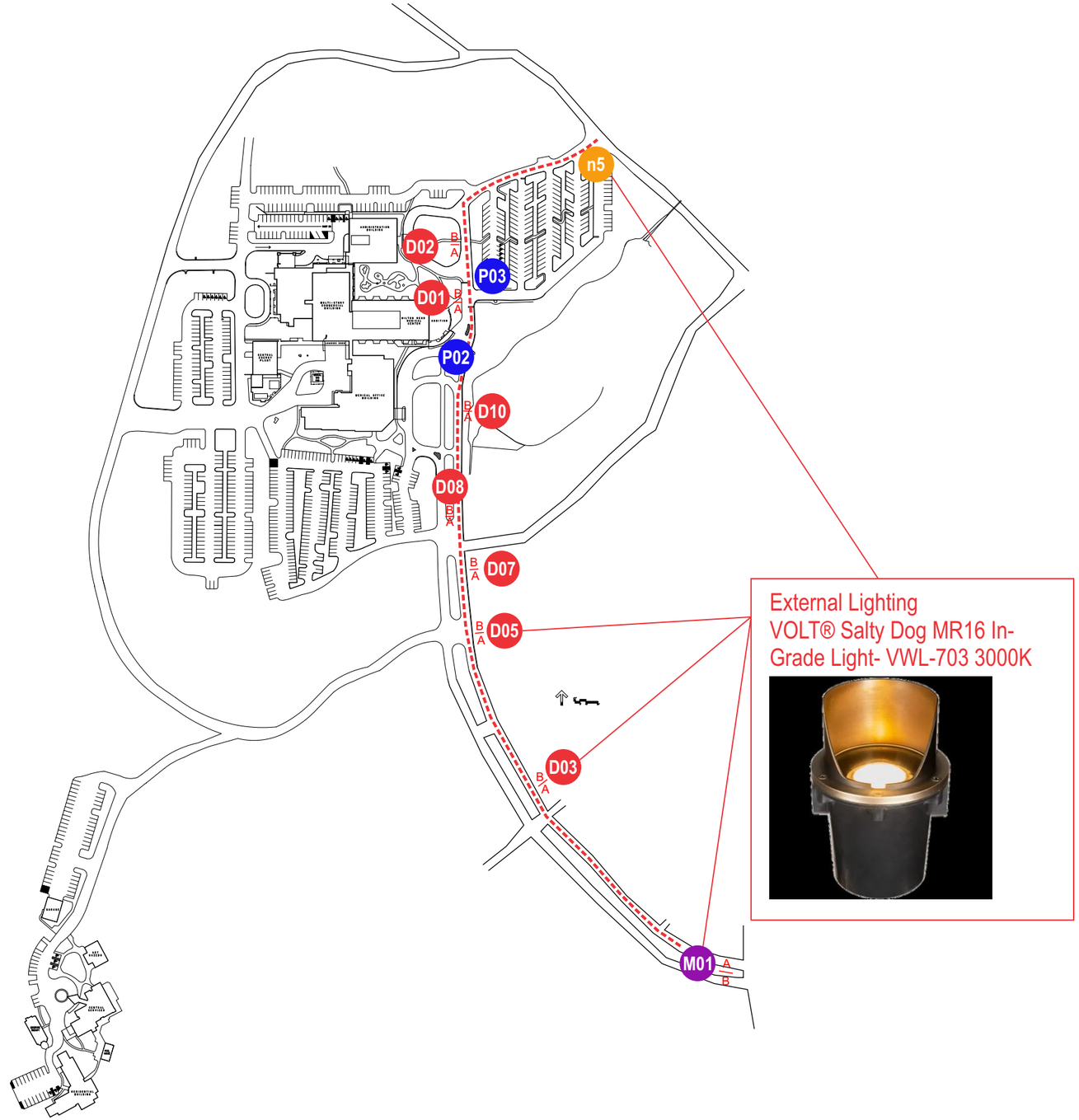
3

# HH004
# Patient Journey Maps
# Visitor Arrival




## Site Information

Address: 25 Hospital Center Blvd
City: Town of Hilton Head
State: SC 29926
PIN: R510 008 000 103A 0000
Zoned:
Jurisdiction: Town of Hilton Head Island
Contact: Trey Lowe, Planner
TreyL@hiltonheadislandsc.gov
Town of Hilton Head Island
1 Town Center Court
Mount Pleasant, SC 28828
Office: 843-341-4690

Property Owner: Hilton Head Medical Center LLC
Property Owner Address: 25 HOSPITAL CENTER BLVD
HILTON HEAD ISLAN, SC 29926

Total Acres: 15.63

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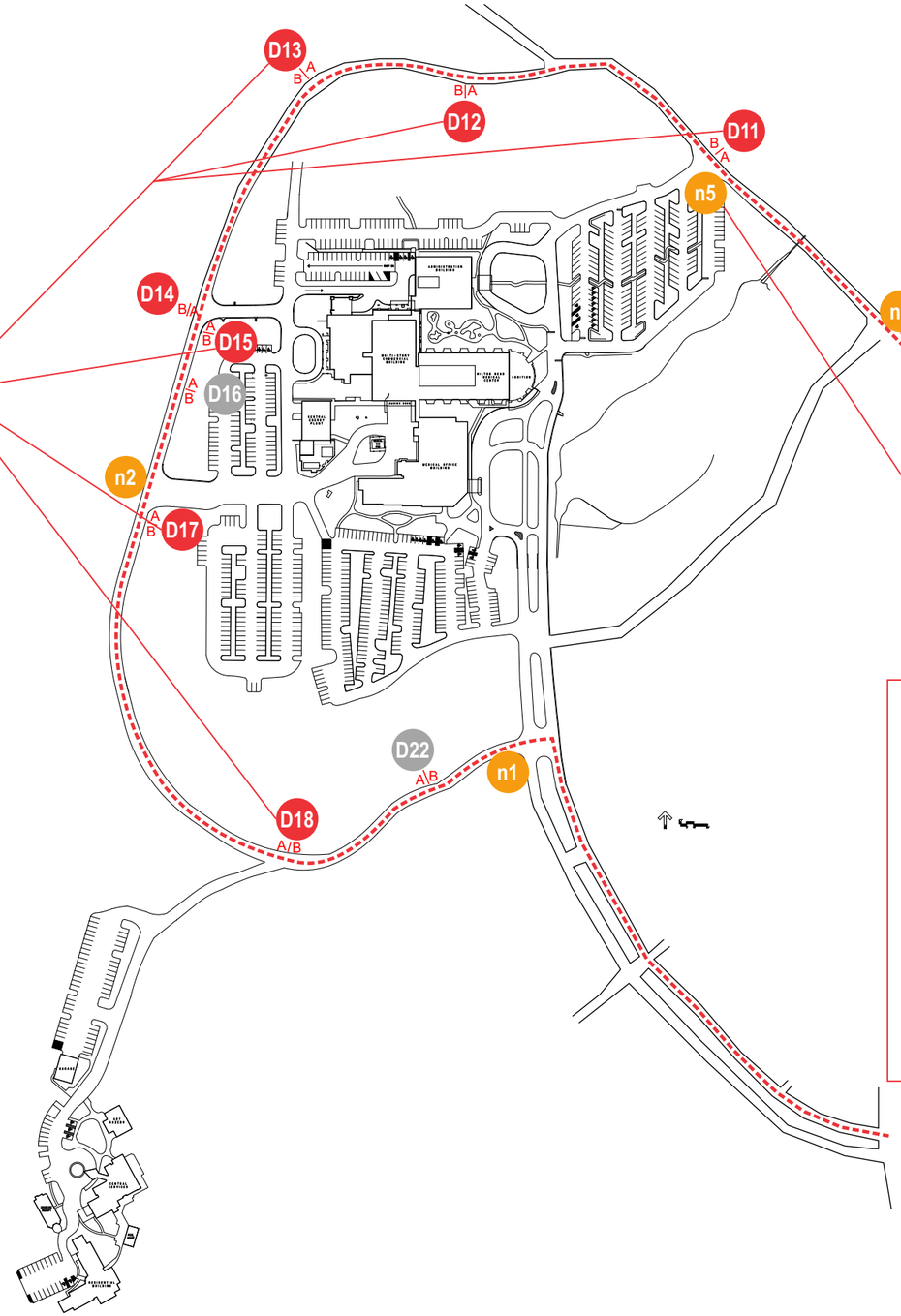
4

External Lighting
VOLT® Salty Dog MR16 In-Grade Light- VWL-703 3000K




External Lighting
VOLT® Salty Dog MR16 In-Grade Light- VWL-703 3000K

# HH005
# Patient Journey Maps
# Bill Fries Route and Exit

## Site Information

Address: 25 Hospital Center Blvd
City: Town of Hilton Head
State: SC 29926
PIN: R510 008 000 103A 0000
Zoned:
Jurisdiction: Town of Hilton Head Island
Contact: Trey Lowe, Planner
TreyL@hiltonheadislandsc.gov
Town of Hilton Head Island
1 Town Center Court
Mount Pleasant, SC 28828
Office: 843-341-4690

Property Owner: Hilton Head Medical Center LLC
Property Owner Address: 25 HOSPITAL CENTER BLVD
HILTON HEAD ISLAN, SC 29926

Total Acres: 15.63

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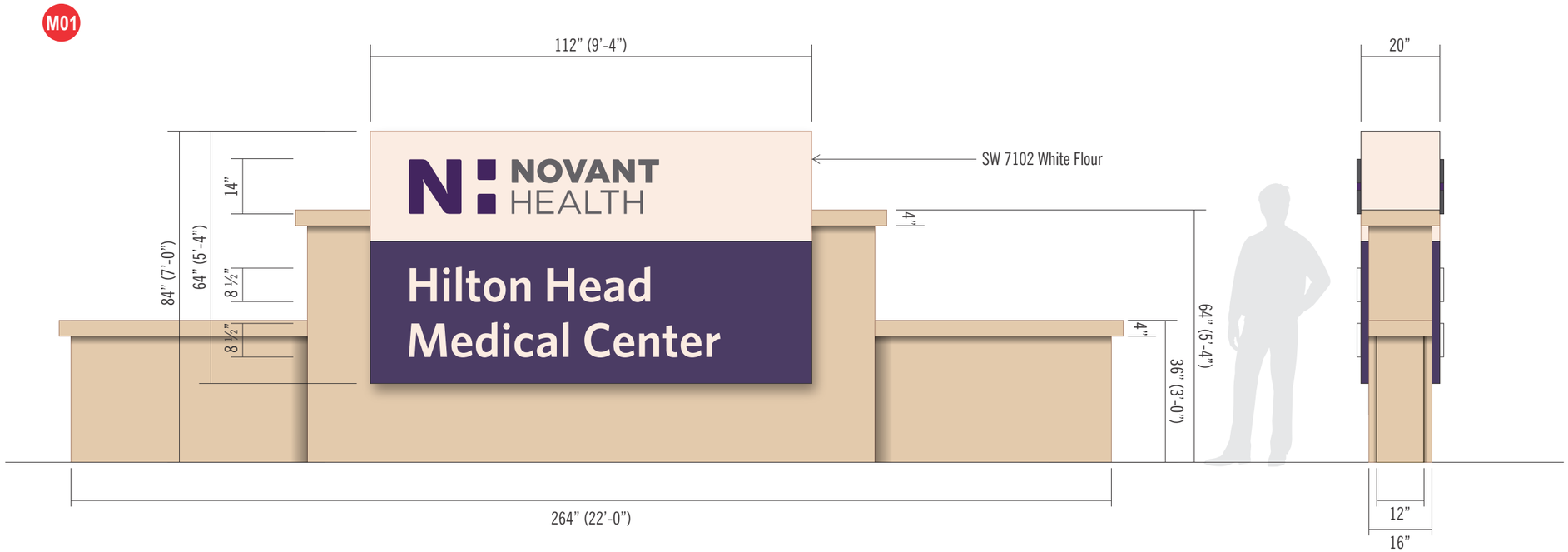
5

## FACE VIEW
**Scale: 3/8”=1’-0”**




***Base To Have Stucco Textured Finish***
***Cabinet **DOES NOT** have Textured Finish***
***External Lighting***

External Lighting
VOLT® Salty Dog MR16 In-Grade Light- VWL-703 3000K

# MO1
Custom D/F Monument Sign
Qty: 1

### SPECIFICATIONS:

1. D/F monument sign. Non-illuminated sign cabinet painted White Flour and Dark Purple with smooth satin finish. Sign cabinet mounted to structure/base. Structure/base to be painted SW 6113 Interactive Cream. Paint to have stucco textured satin finish. Logo/copy to be 1/2” acrylic with satin painted finish and stud mounted flush to cabinet. Monument to be installed in same location as previous face illuminated by new lighting.

2. See next page for planned landscaping to work with the color palette of the sign.

### COLORS & FINISHES:

- P1 = PMS Cool Gray 11 C
- P2 = PMS 269 C Aubergine
- P3 = Dark Purple to Match (C:72 M:94 Y:0 K:40)
- P4 = SW 6113 Interactive Cream (Textured Finish)
- P5 = SW 7102 White Flour (Textured Finish)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All signage to be installed in compliance with National Electrical Code
All signage to be constructed and installed in compliance with UL standards


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**FACE VIEW**
**Scale: NTS**

## Evergreen flowers:

- Crepe myrtles flanking 1 side of the sign - *adds nice height*
- Platinum Beauty Lomandra - *for coverage and flow*
- Sunshine Ligustrum - *for contrasting color*
- **Crimson Fire Loropetlum – *for color and fullness***

## Seasonal flowers:

- mix of purple and white pansies annuals

# MO1 Landscape Plan

Custom D/F Monument Sign
Qty: 1

**SPECIFICATIONS:**

1. 1. D/F monument sign. Non-illuminated sign cabinet painted White Flour and Dark Purple with smooth satin finish. Sign cabinet mounted to structure/base. Structure/base to be painted SW 6113 Interactive Cream. Paint to have stucco textured satin finish. Logo/copy to be 1/2" acrylic with satin painted finish and stud mounted flush to cabinet. Monument to be installed in same location as previous face illuminated by new lighting.

**COLORS & FINISHES:**

- P1 = PMS Cool Gray 11 C
- P2 = PMS 269 C Aubergine
- P3 = Dark Purple to Match (C:72 M:94 Y:0 K:40)
- P4 = SW 6113 Interactive Cream (Textured Finish)
- P5 = SW 7102 White Flour (Textured Finish)

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All signage to be constructed and installed in compliance with UL standards

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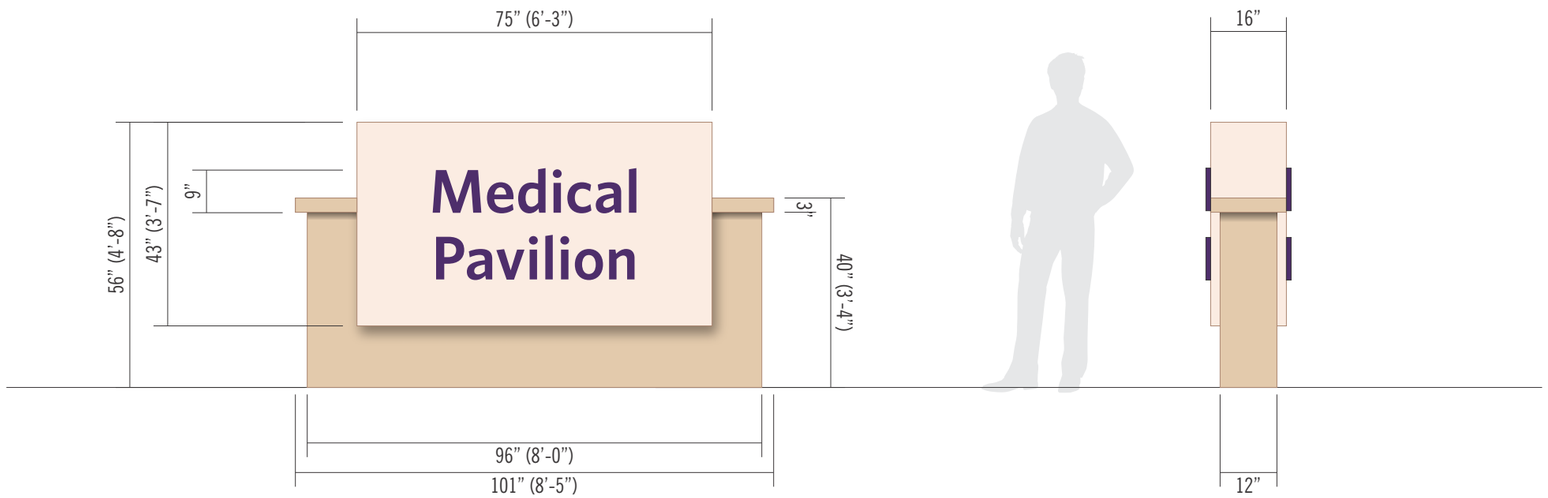
7

## FACE VIEW
**Scale: 3/8”=1’-0”**

M02




***Cabinet, and Base To Have Stucco Textured Finish***

# MO2
Custom S/F Monument Sign
Qty: 1

### SPECIFICATIONS:

1. D/F monument sign. Non-illuminated sign cabinet painted satin SW 6113 Interactive Cream. Sign cabinet mounted to structure/ base. sign cabinet and structure/base to be painted satin SW 6113 Interactive Cream. Paint to have stucco textured finish. Logo/copy to be 1/2” acrylic with painted finish and stud mounted flush to cabinet.

2. Monument to be installed in same location as previous.

### COLORS & FINISHES:

- P1 = PMS 269 C Aubergine
- P2 = Dark Purple to Match (C:72 M:94 Y:0 K:40)
- P3 = SW 6113 Interactive Cream (Textured Finish)
- P6 = SW 7102 White Flour (Textured Finish)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SALESPERSON: Randy Long
DESIGNER: Jordan Waddell

JOB LOCATION: NH Hilton Head Hospital
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8 01/22/25 WF

APPROVED FOR PRODUCTION
Date:
Signature:

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All signage to be constructed and installed in compliance with UL standards


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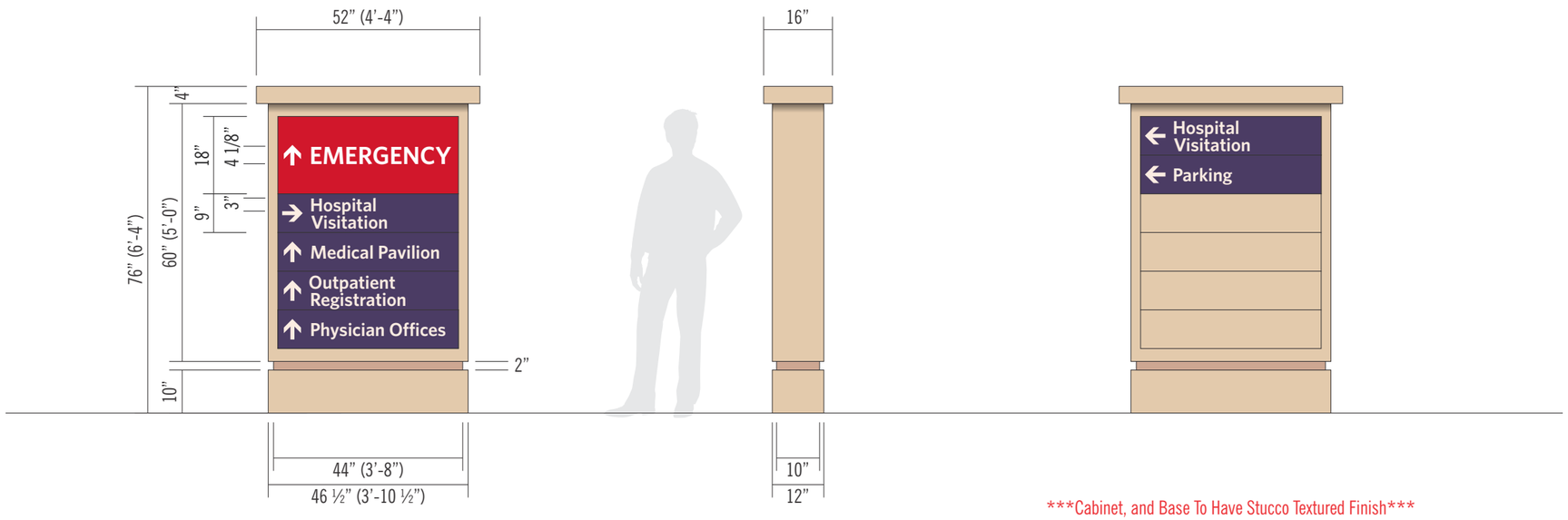
**FACE VIEW**
**Scale: 3/8”=1’-0”**

DL

Typical Style of Directional

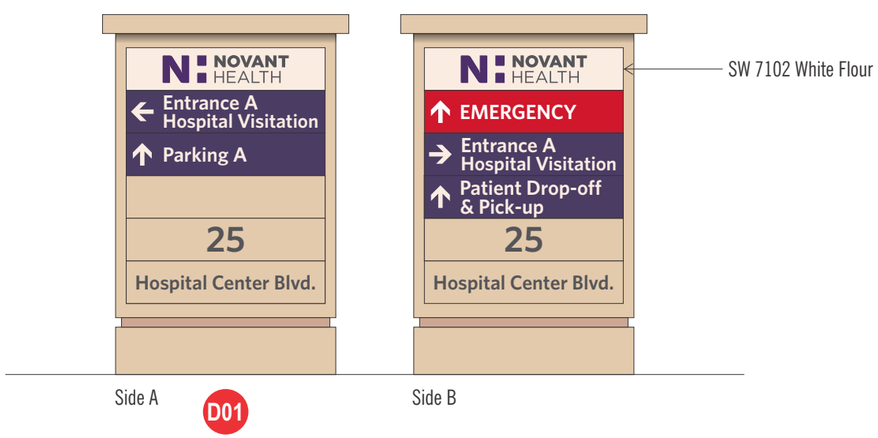



***Cabinet, and Base To Have Stucco Textured Finish***

***Directional Panels **DO NOT** have Stucco Textured Finish***

***All 52” Wide Directional Cabinets to Install at Same Location as Existing or A Minimum of 24” from the Curb. No Impact to Existing Trees***

Directional with Address at front entry




D01

# Directionals

Custom D/F Directional Signs
Qty: 11

## SPECIFICATIONS:

1. D/F non-illuminated directional signs. Sign cabinet, topper, and base to be painted satin SW 6113 Interactive Cream. Paint to have stucco textured finish. Reveal painted to match PMS 480 C. Directional slats to be acrylic with surface applied vinyl to face. Directional to be installed in same location as previous. copy to be white flour, except Emergency which is white.

## COLORS & FINISHES:

- P1 = SW 6113 Interactive Cream
- P2 = To Match PMS 480 C
- V1 = To Match (C:72 M:94 Y:0 K:40)
- V2 = 3M Regal Red
- V3 = White
- P6 = SW 7102 White Flour (Textured Finish)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All signage to be installed in compliance with National Electrical Code

All signage to be constructed and installed in compliance with UL standards


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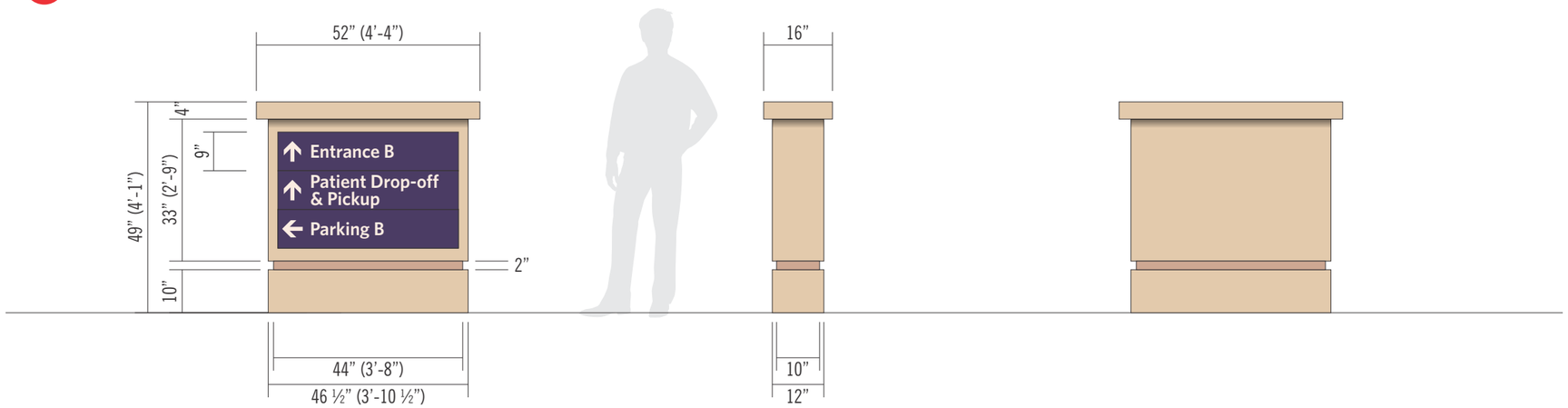
## FACE VIEW
**Scale: 3/8”=1’-0”**

DL




***Cabinet, and Base To Have Stucco Textured Finish***

***Directional Panels **DO NOT** have Stucco Textured Finish***

***All 52” Wide Directional Cabinets to Install at Same Location
as Existing or A Minimum of 24” from the Curb.
No Impact to Existing Trees***

# Directionals - Small

Custom D/F Directional Signs
Qty: 13

### SPECIFICATIONS:

1. D/F non-illuminated directional signs. Sign cabinet, topper, and base to be painted SW 6113 Interactive Cream. Paint to have stucco textured finish. Reveal painted to match PMS 480 C. Directional slats to be white acrylic with surface applied vinyl to face. Directional to be installed in same location as previous.

### COLORS & FINISHES:

- P1 = SW 6113 Interactive Cream
- P2 = To Match PMS 480 C
- V1 = To Match (C:72 M:94 Y:0 K:40)
- V2 = 3M Regal Red
- V3 = White
- P6 = SW 7102 White Flour (Textured Finish)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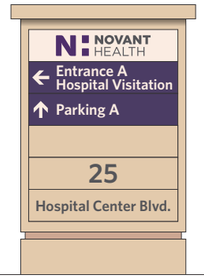
10

Sign beside front entry



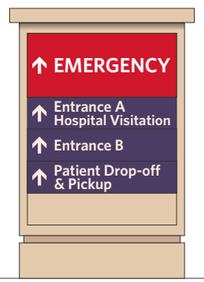

Side A

D01

Side B

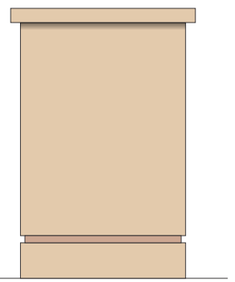
EXISTING CONDITIONS

PROPOSED CONDITIONS
***External Lighting***




Side A

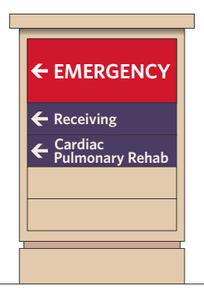
D03



Side B

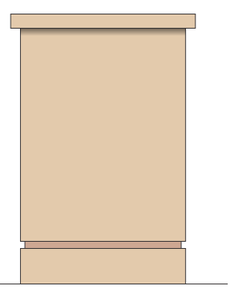
EXISTING CONDITIONS

PROPOSED CONDITIONS
***External Lighting***




Side A

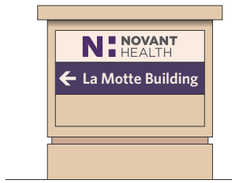
D06



Side B

EXISTING CONDITIONS

PROPOSED CONDITIONS
***External Lighting***




Side A

D02

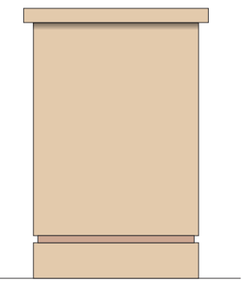
Side B

EXISTING CONDITIONS

PROPOSED CONDITIONS

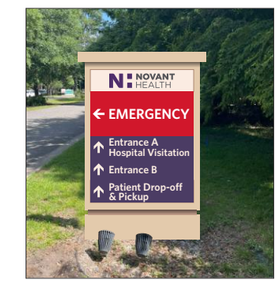
Side A

D05

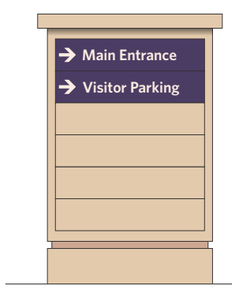


Side B

EXISTING CONDITIONS



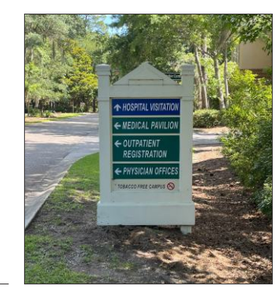

PROPOSED CONDITIONS
***External Lighting***



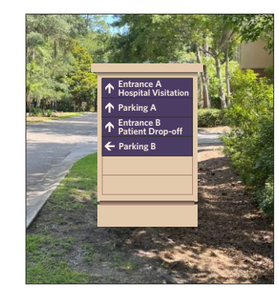

Side A

D07

Side B




EXISTING CONDITIONS




PROPOSED CONDITIONS

SignArt
6225 Old Concord Road
Charlotte, NC 28213
P: 704.597.9801
www.signartsign.com

JOB ID: 42814
ISSUE DATE: 07/30/24
CUSTOMER: Novant Health
SALESPERSON: Randy Long
DESIGNER: Jordan Waddell

JOB LOCATION: NH Hilton Head Hospital
25 Hospital Center Blvd.
Hilton Head, SC

FILE PATH: N\Novant Health\South Carolina\Hilton Head\25 Hospital Center Blvd- Hospital & Medical Plaza\42814 Permanent Signage

REVISIONS:
1 08/12/24 WF
2 10/30/24 WF
3 12/19/24 JA
4 12/30/24 WF
5 01/03/25 WF
6 01/07/25 WF
7 01/13/25 WF
8 01/22/25 WF

APPROVED FOR PRODUCTION
Date:
Signature:

NOTE: ALL SIGNS MANUFACTURED FOR 120v ELECTRICAL SERVICE UNLESS OTHERWISE NOTED PRIMARY POWER TO SIGN LOCATIONS BY OTHERS

All signage to be installed in compliance with National Electrical Code

All signage to be constructed and installed in compliance with UL standards

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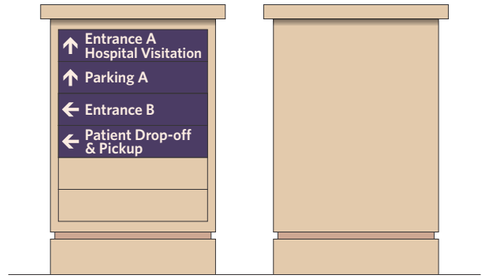
Side A D08 Side B

EXISTING CONDITIONS

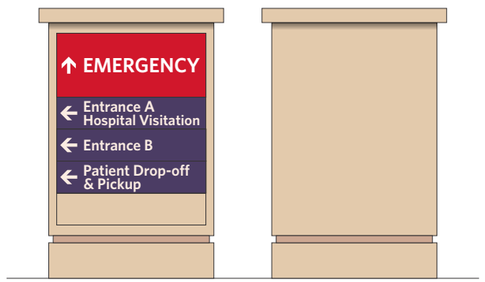
PROPOSED CONDITIONS



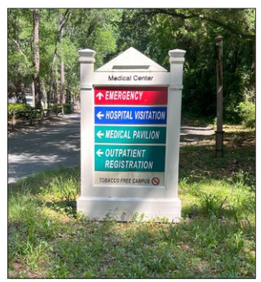

Side A D10 Side B

EXISTING CONDITIONS

PROPOSED CONDITIONS

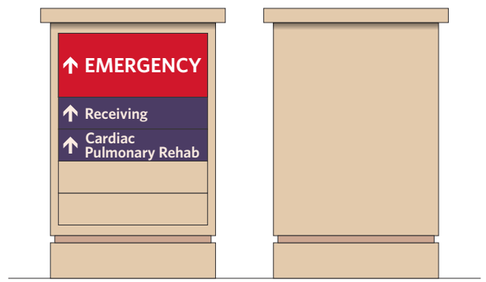



Side A D11 Side B




EXISTING CONDITIONS

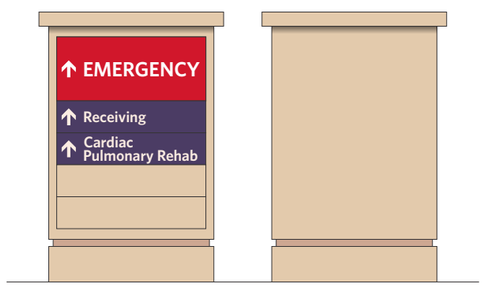
PROPOSED CONDITIONS
***External Lighting***




Side A D12 Side B

EXISTING CONDITIONS

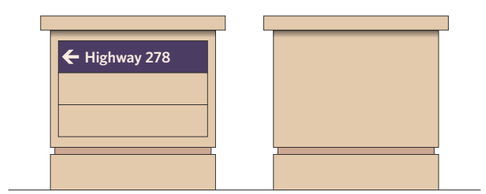
PROPOSED CONDITIONS
***External Lighting***




Side A D13 Side B

EXISTING CONDITIONS

PROPOSED CONDITIONS
***External Lighting***




Side A D14 Side B

EXISTING CONDITIONS

PROPOSED CONDITIONS

SignArt
6225 Old Concord Road
Charlotte, NC 28213
P: 704.597.9801
www.signartsign.com

JOB ID: 42814
ISSUE DATE: 07/30/24
CUSTOMER: Novant Health
SALESPERSON: Randy Long
DESIGNER: Jordan Waddell

JOB LOCATION: NH Hilton Head Hospital
25 Hospital Center Blvd.
Hilton Head, SC

FILE PATH: N\Novant Health\South Carolina\Hilton Head\25 Hospital Center Blvd- Hospital & Medical Plaza\42814 Permanent Signage

REVISIONS:
1 08/12/24 WF
2 10/30/24 WF
3 12/19/24 JA
4 12/30/24 WF
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6 01/07/25 WF
7 01/13/25 WF
8 01/22/25 WF

APPROVED FOR PRODUCTION
Date:
Signature:

NOTE: ALL SIGNS MANUFACTURED FOR 120v ELECTRICAL SERVICE UNLESS OTHERWISE NOTED PRIMARY POWER TO SIGN LOCATIONS BY OTHERS

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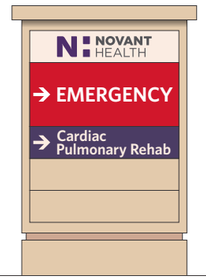
Side A

D15

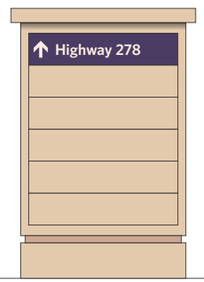



Side B

EXISTING CONDITIONS

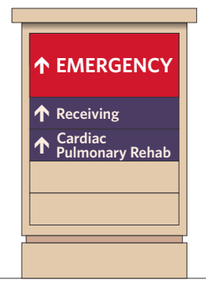
PROPOSED CONDITIONS

***External Lighting***



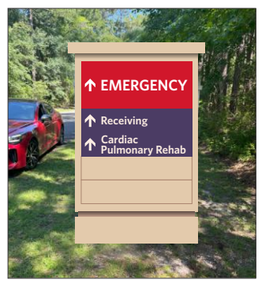

Side A

D18




Side B

EXISTING CONDITIONS



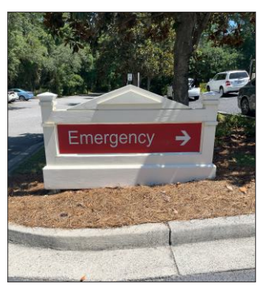

PROPOSED CONDITIONS

***External Lighting***

Side A

D24

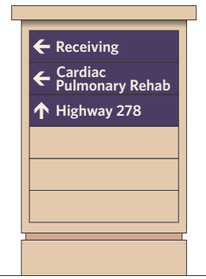
Side B




EXISTING CONDITIONS

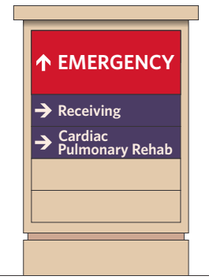
PROPOSED CONDITIONS

***External Lighting***




Side A

D17




Side B

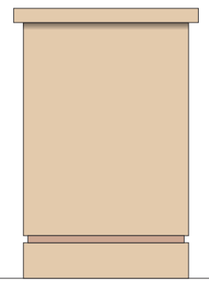
EXISTING CONDITIONS

PROPOSED CONDITIONS

***External Lighting***

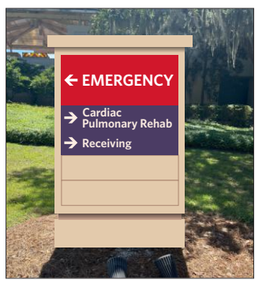
Side A

D23



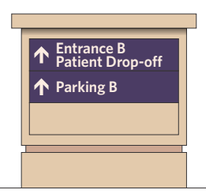
Side B

EXISTING CONDITIONS



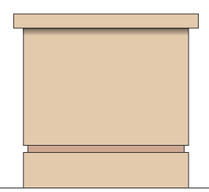

PROPOSED CONDITIONS

***External Lighting***




Side A

D27



Side B

EXISTING CONDITIONS

PROPOSED CONDITIONS

SignArt
6225 Old Concord Road
Charlotte, NC 28213
P: 704.597.9801
www.signartsign.com

JOB ID: 42814
ISSUE DATE: 07/30/24
CUSTOMER: Novant Health
SALESPERSON: Randy Long
DESIGNER: Jordan Waddell

JOB LOCATION: NH Hilton Head Hospital
25 Hospital Center Blvd.
Hilton Head, SC

FILE PATH: N\Novant Health\South Carolina\Hilton Head\25 Hospital Center Blvd- Hospital & Medical Plaza\42814 Permanent Signage

REVISIONS:
1 08/12/24 WF
2 10/30/24 WF
3 12/19/24 JA
4 12/30/24 WF
5 01/03/25 WF
6 01/07/25 WF
7 01/13/25 WF
8 01/22/25 WF

APPROVED FOR PRODUCTION
Date:
Signature:

NOTE: ALL SIGNS MANUFACTURED FOR 120v ELECTRICAL SERVICE UNLESS OTHERWISE NOTED PRIMARY POWER TO SIGN LOCATIONS BY OTHERS

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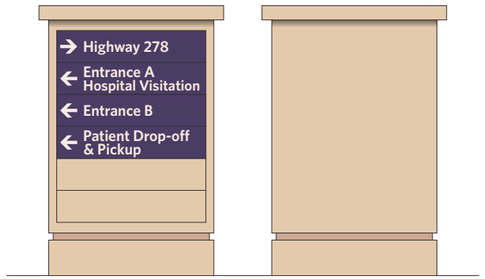
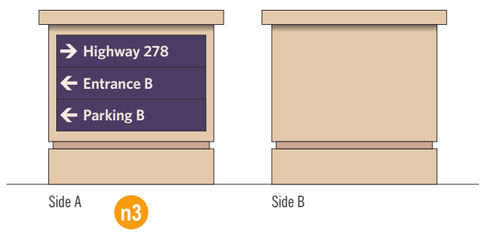


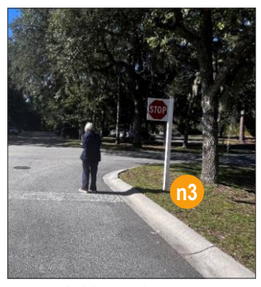

Side A n1 Side B

EXISTING CONDITIONS

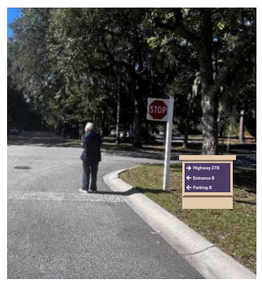
PROPOSED CONDITIONS



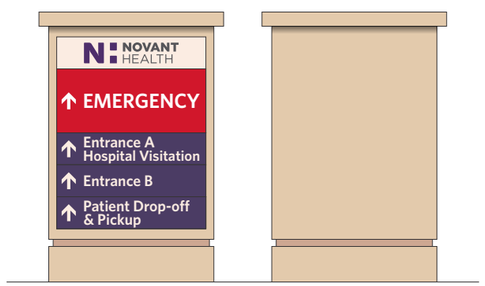

Side A n3 Side B



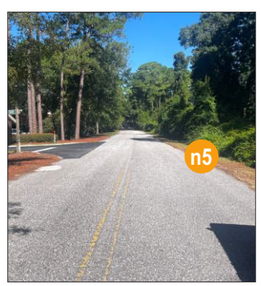

EXISTING CONDITIONS



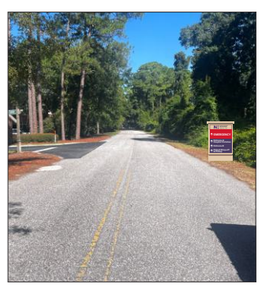
PROPOSED CONDITIONS



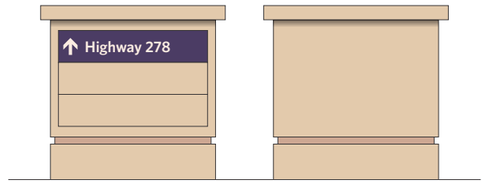

Side A n5 Side B




EXISTING CONDITIONS



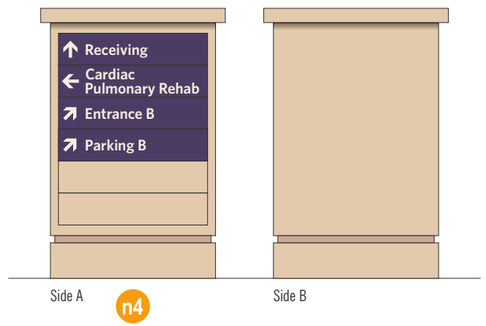
PROPOSED CONDITIONS
***External Lighting***




Side A n2 Side B

EXISTING CONDITIONS

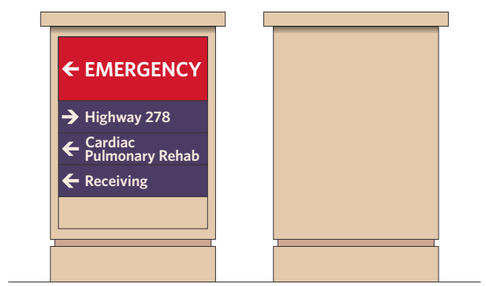
PROPOSED CONDITIONS



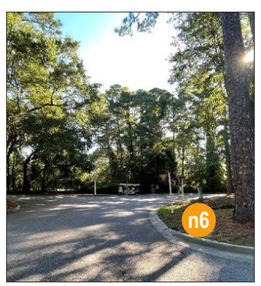

Side A n4 Side B

EXISTING CONDITIONS

PROPOSED CONDITIONS




Side A n6 Side B




EXISTING CONDITIONS

PROPOSED CONDITIONS
***External Lighting***

SignArt
6225 Old Concord Road
Charlotte, NC 28213
P: 704.597.9801
www.signartsign.com

JOB ID: 42814
ISSUE DATE: 07/30/24
CUSTOMER: Novant Health
SALESPERSON: Randy Long
DESIGNER: Jordan Waddell

JOB LOCATION: NH Hilton Head Hospital
25 Hospital Center Blvd.
Hilton Head, SC

FILE PATH: N\Novant Health\South Carolina\Hilton Head\25 Hospital Center Blvd- Hospital & Medical Plaza\42814 Permanent Signage

REVISIONS:
1 08/12/24 WF
2 10/30/24 WF
3 12/19/24 JA
4 12/30/24 WF
5 01/03/25 WF
6 01/07/25 WF
7 01/13/25 WF
8 01/22/25 WF

APPROVED FOR PRODUCTION
Date:
Signature:

NOTE: ALL SIGNS MANUFACTURED FOR 120v ELECTRICAL SERVICE UNLESS OTHERWISE NOTED PRIMARY POWER TO SIGN LOCATIONS BY OTHERS

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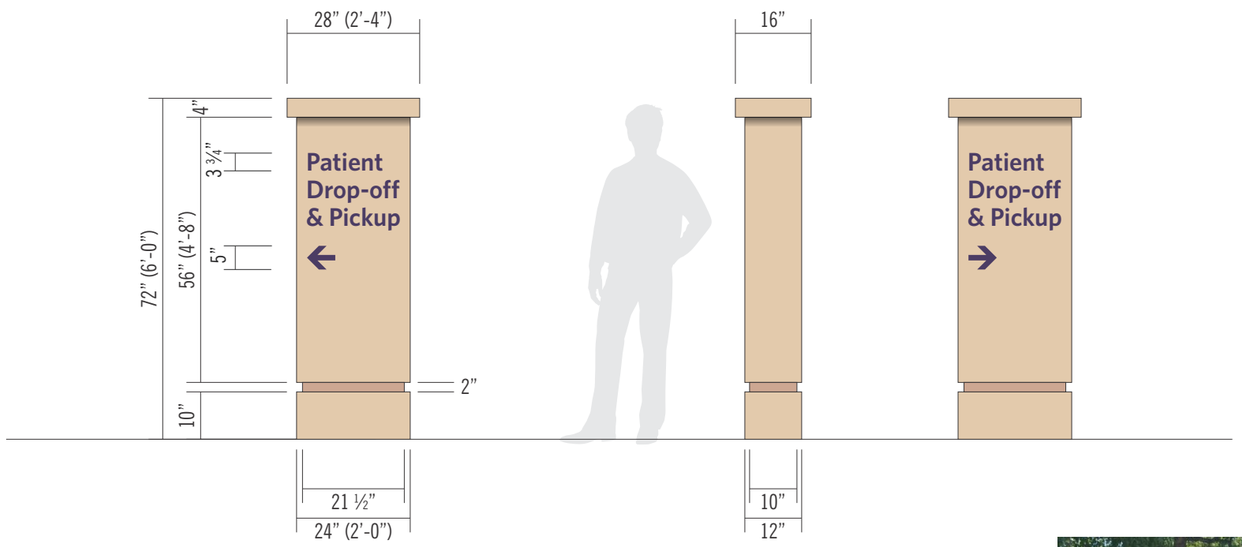
## FACE VIEW
**Scale: 3/8”=1’-0”**

**P02**




***Topper, Cabinet, and Base To Have Stucco Textured Finish***

***Tenant Panels **DO NOT** have Stucco Textured Finish***

***This Thin Directional to Install in Narrow Island***

EXISTING CONDITIONS

PROPOSED CONDITIONS

# Parking Signs

Custom D/F Directional Signs
Qty: 1

### SPECIFICATIONS:

1. D/F non-illuminated directional signs. Sign cabinet, topper, and base to be painted SW 6113 Interactive Cream. Paint to have stucco textured finish. Reveal painted to match PMS 480 C. Directional to be installed in same location as previous.

### COLORS & FINISHES:

- P1 = SW 6113 Interactive Cream
- P2 = To Match PMS 480 C
- V1 = To Match PMS 269 C Aubergine
- V2 = To Match PMS 293 C


SignArt
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Charlotte, NC 28213
P: 704.597.9801
www.signartsign.com


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6 01/07/25 WF
7 01/13/25 WF
8 01/22/25 WF

APPROVED FOR PRODUCTION
Date:
Signature:

NOTE: ALL SIGNS MANUFACTURED FOR 120v ELECTRICAL SERVICE UNLESS OTHERWISE NOTED PRIMARY POWER TO SIGN LOCATIONS BY OTHERS

All signage to be installed in compliance with National Electrical Code

All signage to be constructed and installed in compliance with UL standards


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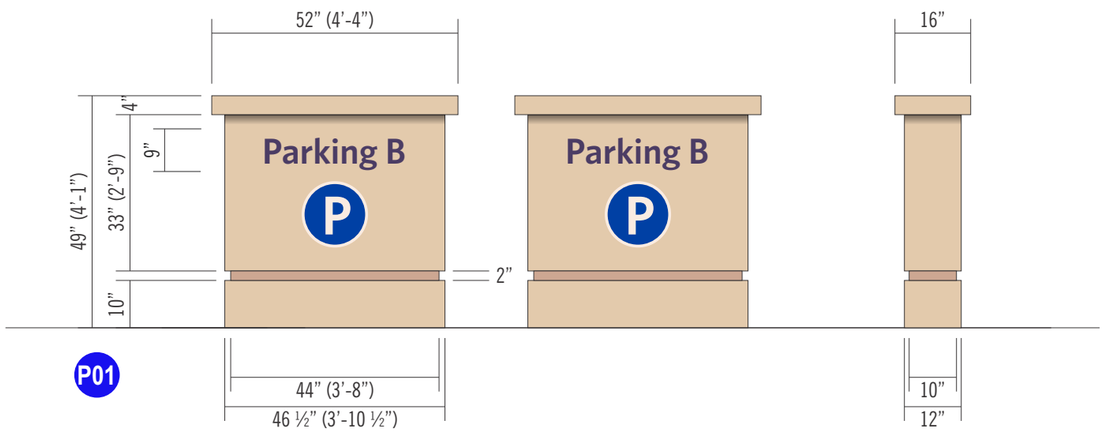
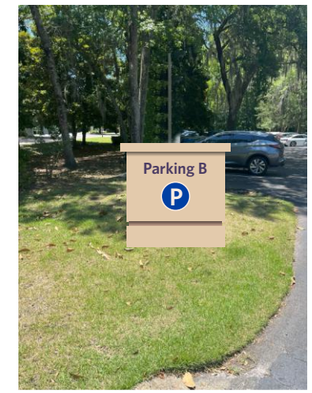
15

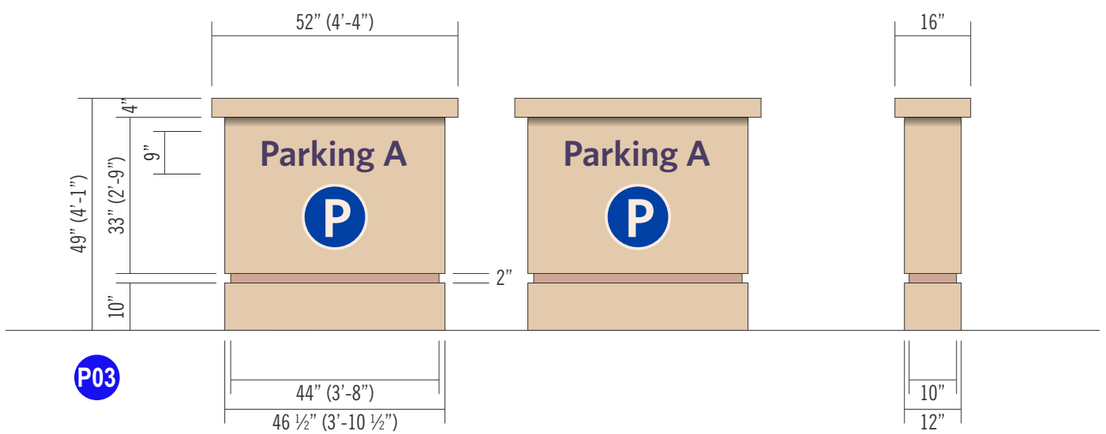
## FACE VIEW
**Scale: 3/8”=1’-0”**

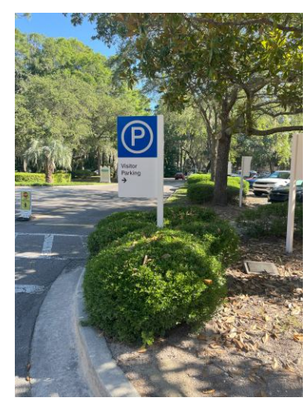


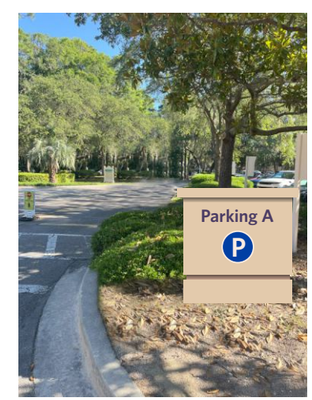
EXISTING CONDITIONS



PROPOSED CONDITIONS





EXISTING CONDITIONS



PROPOSED CONDITIONS

# Parking Signs
Custom D/F Directional Signs
Qty: 2

### SPECIFICATIONS:

1. D/F non-illuminated directional signs. Sign cabinet, topper, and base to be painted SW 6113 Interactive Cream. Paint to have stucco textured finish. Reveal painted to match PMS 480 C. Directional to be installed in same location as previous.

### COLORS & FINISHES:

- P1 = SW 6113 Interactive Cream
- P2 = To Match PMS 480 C
- V1 = To Match PMS 269 C Aubergine
- V2 = To Match PMS 293 C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FILE PATH: N\Novant Health\South Carolina\Hilton Head\25 Hospital Center Blvd- Hospital & Medical Plaza\42814 Permanent Signage

REVISIONS:
1 08/12/24 WF
2 10/30/24 WF
3 12/19/24 JA
4 12/30/24 WF
5 01/03/25 WF
6 01/07/25 WF
7 01/13/25 WF
8 01/22/25 WF

APPROVED FOR PRODUCTION
Date:
Signature:

NOTE: ALL SIGNS MANUFACTURED FOR 120v ELECTRICAL SERVICE UNLESS OTHERWISE NOTED PRIMARY POWER TO SIGN LOCATIONS BY OTHERS

All signage to be installed in compliance with National Electrical Code

All signage to be constructed and installed in compliance with UL standards


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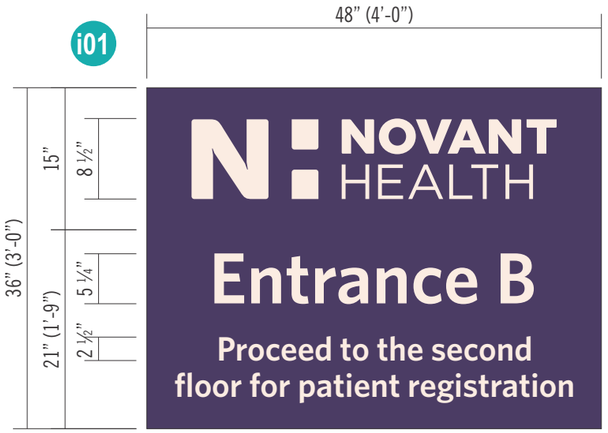
# Patient Info Signs

Custom S/F Wall Signs
Qty: 4

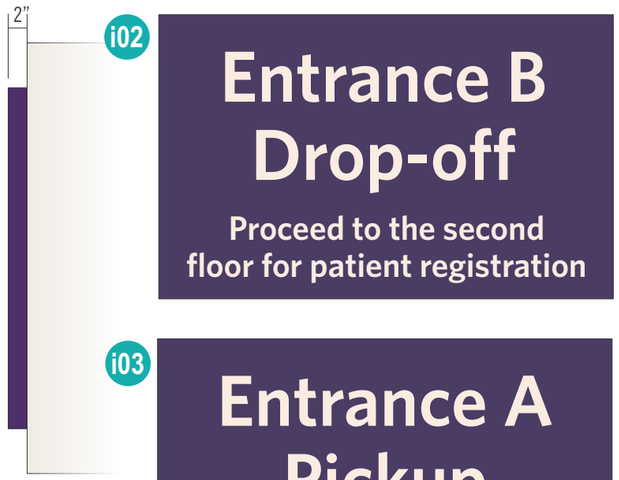
**FACE VIEW**
Scale: 3/4”=1’-0”

**SIDE VIEW**
Scale: 3/4”=1’-0”

i01




i02



EXISTING CONDITIONS

PROPOSED CONDITIONS

i03

Qty: 2

EXISTING CONDITIONS

PROPOSED CONDITIONS

Install Locations

EXISTING CONDITIONS

PROPOSED CONDITIONS

## SPECIFICATIONS:

1. 2” deep fabricated aluminum pan. Pan sign painted PMS 269 C Aubergine with surface applied vinyl to face. Wall sign is non-illuminated and flush mounted to exterior fascia.

## COLORS & FINISHES:

- P1 = PMS 269 C Aubergine
- P6 = SW 7102 White Flour (Textured Finish)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CUSTOMER: Novant Health
SALESPERSON: Randy Long
DESIGNER: Jordan Waddell

JOB LOCATION: NH Hilton Head Hospital
25 Hospital Center Blvd.
Hilton Head, SC

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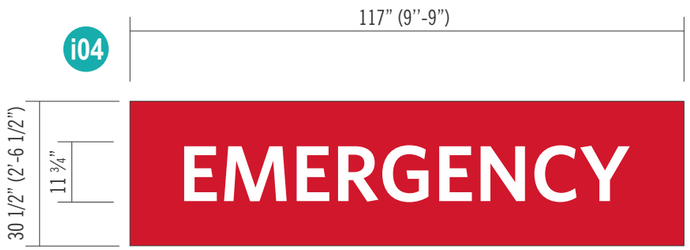
**FACE VIEW**
**Scale: 3/8”=1’-0”**



EXISTING CONDITIONS

PROPOSED CONDITIONS

# Emergency Entry

Emergency Entrance
Qty: 1

## SPECIFICATIONS:

1. 1/8” aluminum sign panel with first surface applied vinyl. Aluminum sign panel to screw directly to wall. Screw heads painted to match face. Remove existing, replace with new.

NOTE: Patch and paint stucco

## COLORS & FINISHES:

P1 = PMS 186 C
V1 = 3M White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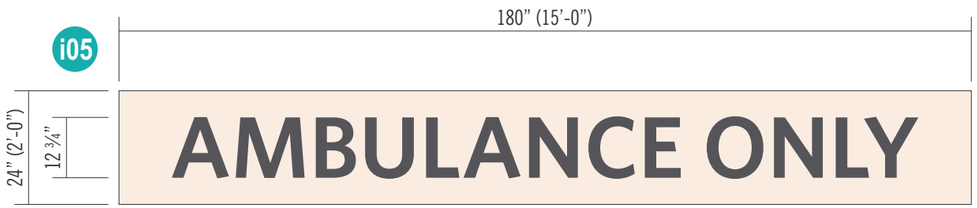
## FACE VIEW
**Scale: 3/8”=1’-0”**



EXISTING CONDITIONS

PROPOSED CONDITIONS

# Ambulance Entry
Ambulance Entrance
Qty: 1

### SPECIFICATIONS:

1. 1/8” aluminum sign panel with first surface applied vinyl to match PMS Cool Gray 11 C. Aluminum sign panel to screw directly to face of overhang. Screw heads painted to match face. Remove existing, replace with new.

### COLORS & FINISHES:

- P1 = SW 7102 White Flour (Textured Finish)
- V1 = To Match PMS Cool Gray 11 C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SALESPERSON: Randy Long
DESIGNER: Jordan Waddell

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EXISTING CONDITIONS

PROPOSED CONDITIONS

EXISTING CONDITIONS

PROPOSED CONDITIONS

EXISTING CONDITIONS

PROPOSED CONDITIONS

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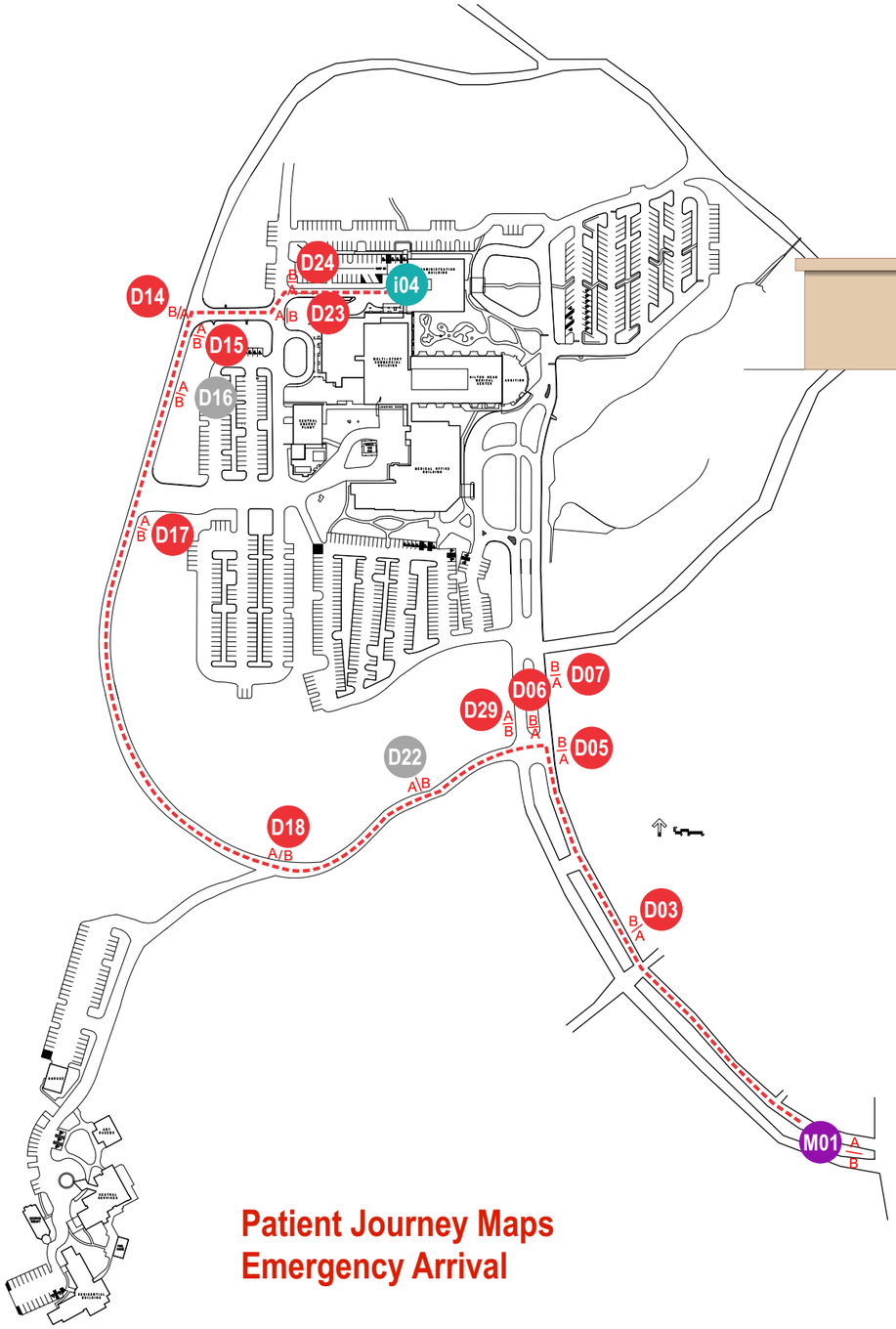


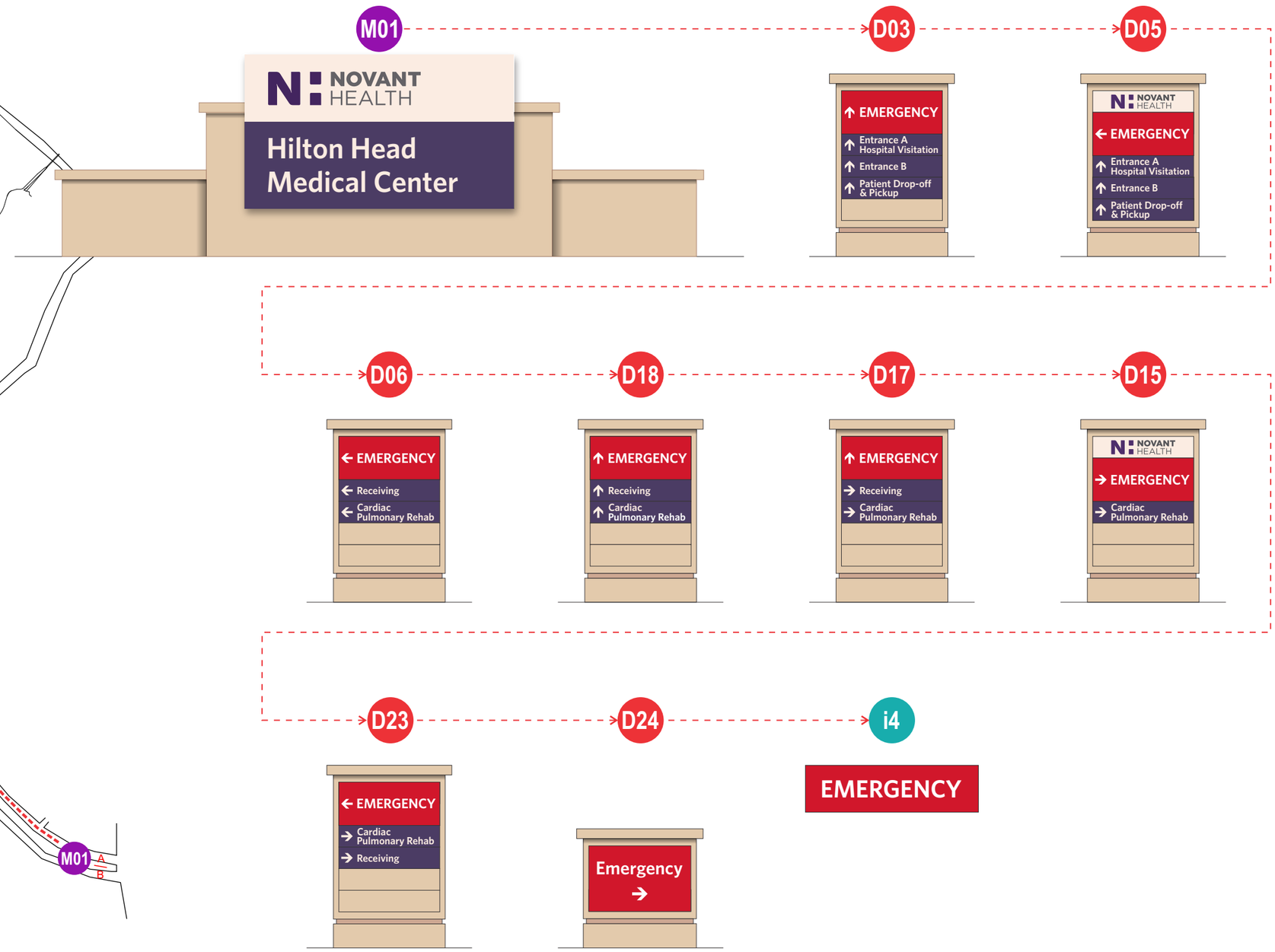


# Patient Journey Maps
# Emergency Arrival


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| | |
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| SALESPERSON: | Randy Long |
| DESIGNER: | Jordan Waddell |
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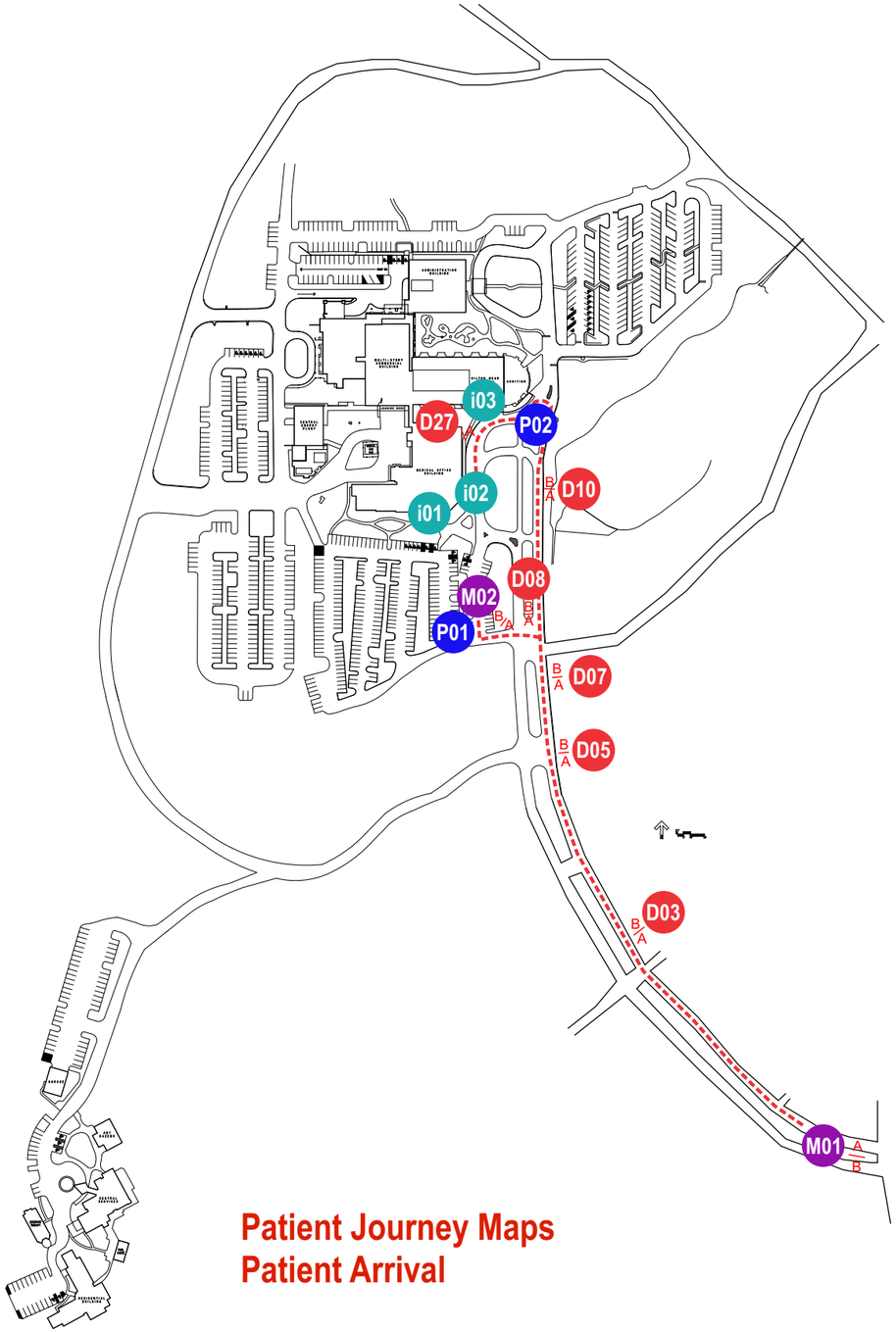


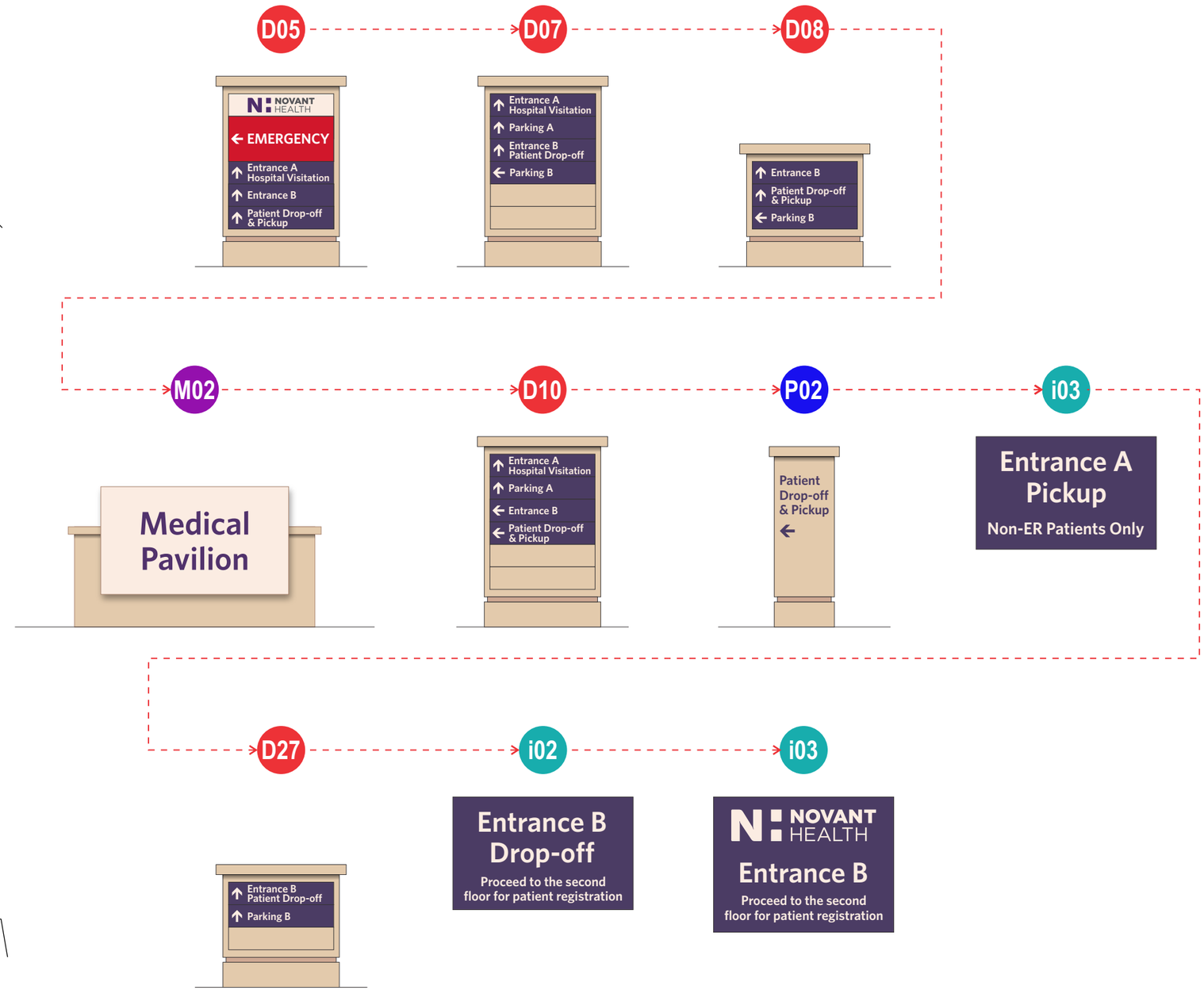


## Patient Journey Maps
## Patient Arrival


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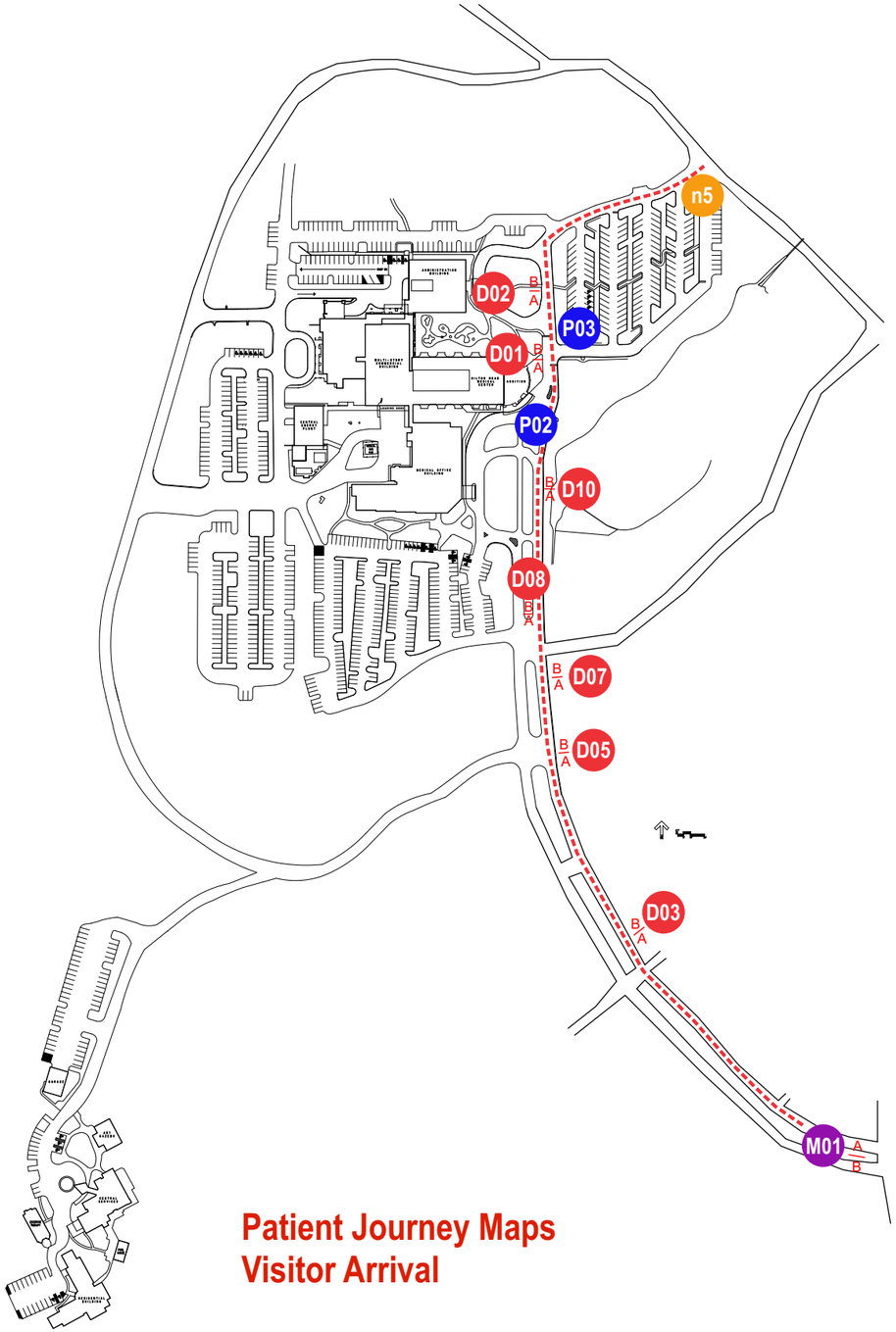


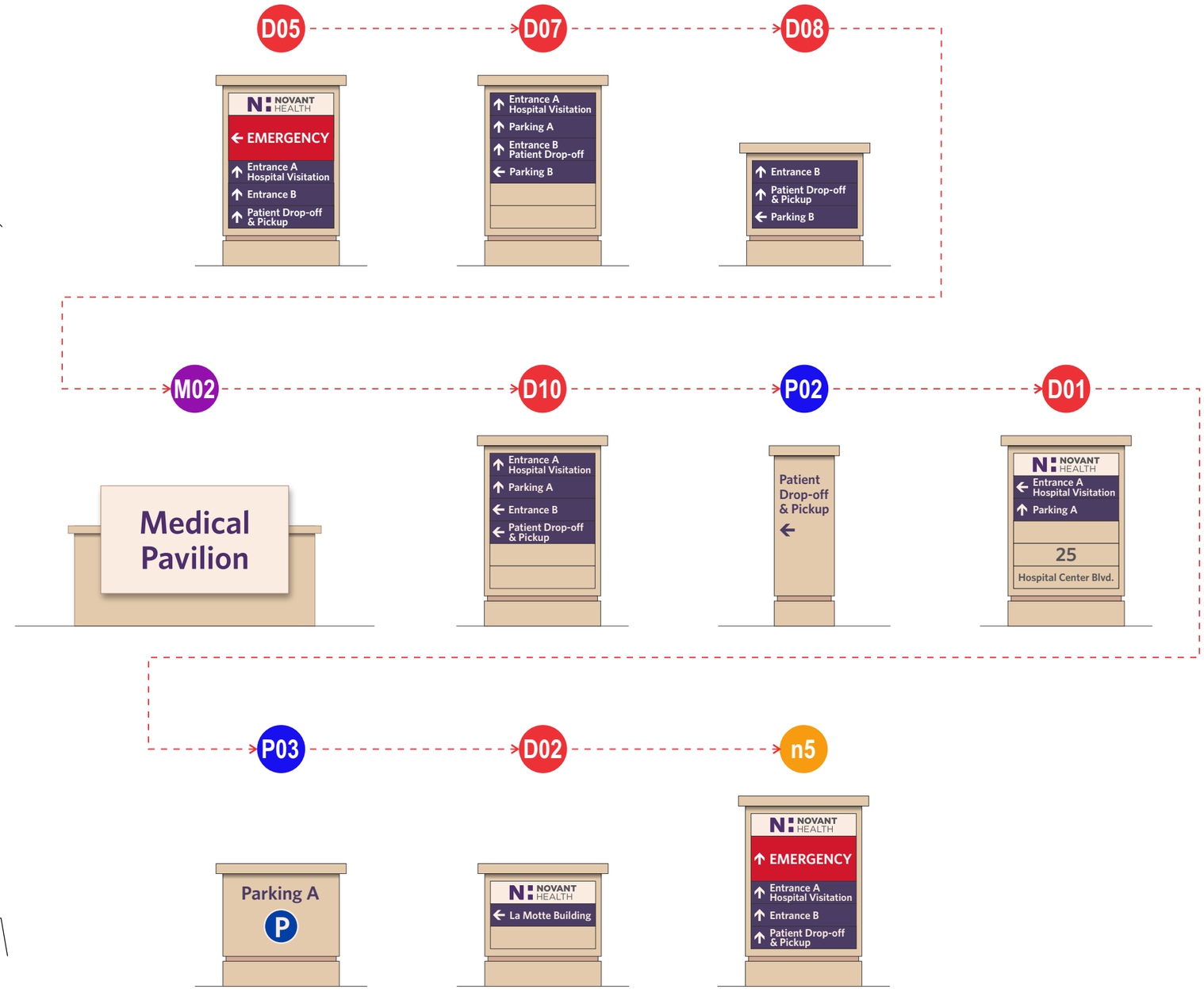


# Patient Journey Maps
## Visitor Arrival


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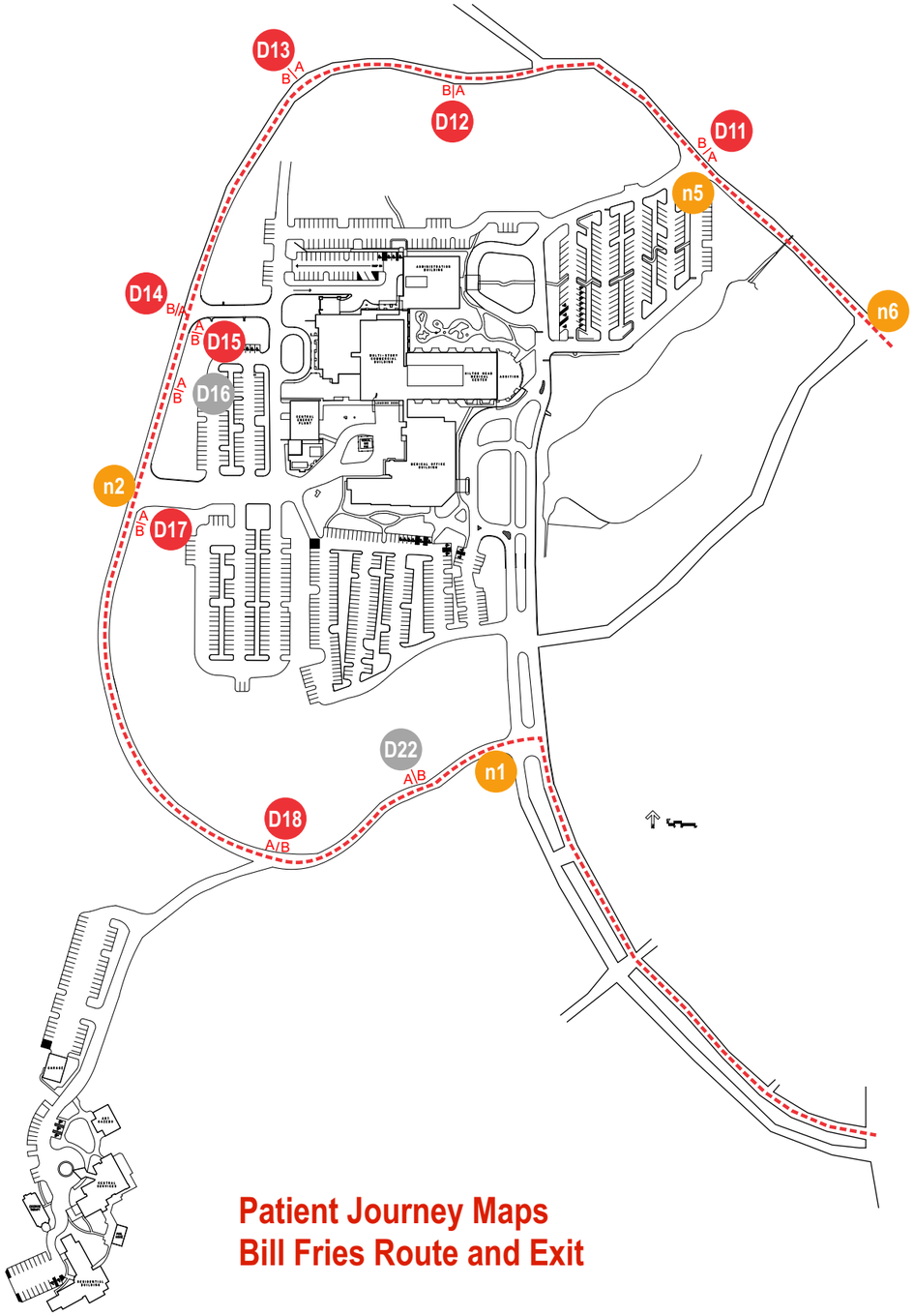


# Patient Journey Maps
# Bill Fries Route and Exit

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EXISTING CONDITIONS

PROPOSED CONDITIONS

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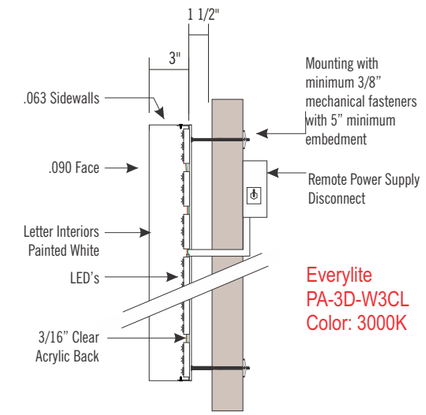
**FACE VIEW**
**Scale: 3/8”=1’-0”**

W01

**SECTION VIEW**
**Scale: NTS**

**38.95 Sq Ft**



Evening Perspective

# SIGN E - WO1

Channel Letters
Qty: 1

## SPECIFICATIONS:

1. Reverse Lit Channel Letters With Alum Faces & Sidewalls & Clear Lexan Backs. Letters Stud Mount To Wall With 2” Stand-Offs. Letters Faces Painted Aubergine & Gray With Sidewalls To Match Faces. Letters Illuminated With White LED’s

## COLORS & FINISHES:

- P1 = Bright White
- P2 = PMS Cool Gray 11 C
- P3 = PMS 269 C Aubergine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**SIDE VIEW**
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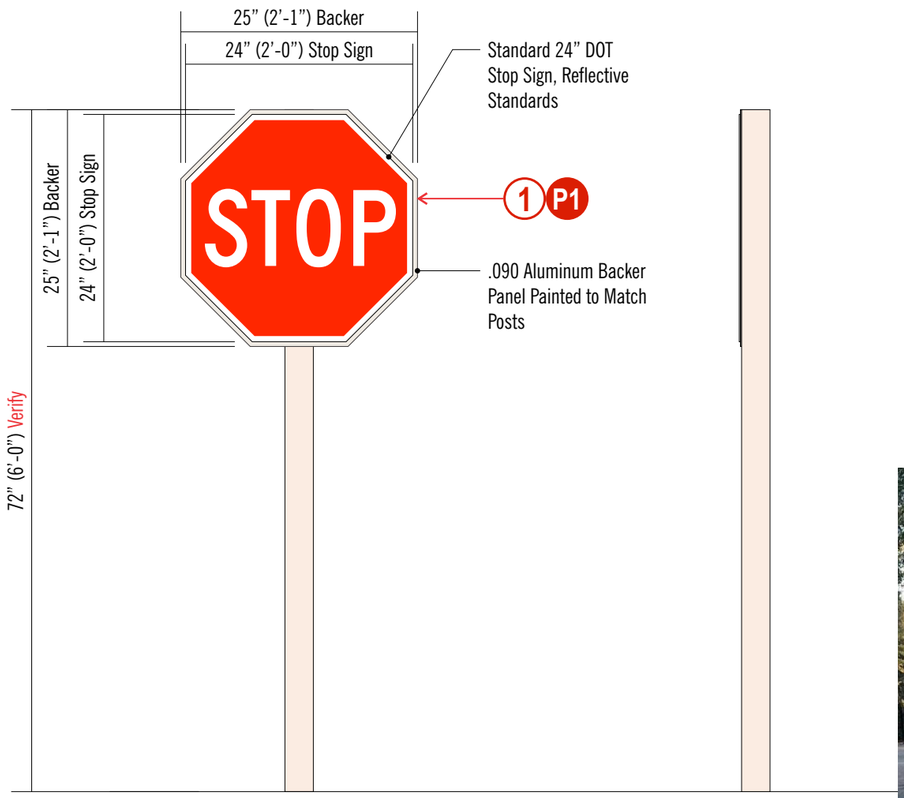

**EXISTING CONDITIONS**

**PROPOSED CONDITIONS**

# SIGN F

Stop Signs
Qty: Verify

## SPECIFICATIONS:

1. Standard DOT stop sign. Stop sign mounted to .090 aluminum backer mounted to post. Remove existing flag sign. Any other informational signs on post to match this style with post and backer.

## COLORS & FINISHES:

P1 = SW 7102 White Flour
V1 = DOT Standard


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# DESIGN TEAM/DRB COMMENT SHEET

*The comments below are staff recommendations to the Design Review Board (DRB) and do NOT constitute DRB approval or denial.*

PROJECT NAME: 25 Hospital center Boulevard – Novant Health Hilton Head DRB-000036-2025

DATE: 2/25/2025 CATEGORY: Sign System

RECOMMENDATION: Approval ☐ Approval with Conditions ☒ Denial ☐

## *APPLICATION MATERIAL*

| DRB REQUIREMENTS | Complies Yes | No | Not Applicable | Comments or Conditions |
|---|---|---|---|---|
| Demolition Plan if needed | ☐ | ☐ | ☒ | |
| Existing Conditions match As-Built | ☐ | ☐ | ☒ | . |
| Dimensioned Details and of Sections | ☒ | ☐ | ☐ | |
| Detail Illustrating Connection to Existing Structure | ☐ | ☐ | ☒ | |
| New Building Details Match Existing Building Details | ☐ | ☐ | ☒ | |

## *ARCHITECTURAL DESIGN*

| DESIGN GUIDE/LMO CRITERIA | Complies Yes | No | Not Applicable | Comments or Conditions |
|---|---|---|---|---|
| Structure is designed to be appropriate to the neighborhood | ☒ | ☐ | ☐ | |
| Promotes pedestrian scale and circulation | ☒ | ☐ | ☐ | |
| Design is unobtrusive and set into the natural environment | ☒ | ☐ | ☐ | |
| Utilizes natural materials and colors | ☒ | ☐ | ☐ | |
| Avoids distinctive vernacular styles | ☒ | ☐ | ☐ | |
| Design is appropriate for its use | ☒ | ☐ | ☐ | |
| All facades shall have equal design characteristics | ☐ | ☐ | ☒ | |

| | | | | |
|---|---|---|---|---|
| Avoids monotonous planes or unrelieved repetition | ☒ | ☐ | ☐ | |
| Has a strong roof form with enough variety to provide visual interest | ☐ | ☐ | ☒ | |
| Overhangs are sufficient for the façade height. | ☐ | ☐ | ☒ | |
| Forms and details are sufficient to reduce the mass of the structure | ☐ | ☐ | ☒ | |
| Human scale is achieved by the use of proper proportions and architectural elements | ☒ | ☐ | ☐ | |
| Utilizes a variety of materials, textures and colors | ☒ | ☐ | ☐ | |
| Incorporates wood or wood simulating materials | ☒ | ☐ | ☐ | |
| Windows are in proportion to the facade | ☐ | ☐ | ☒ | |
| Details are clean, simple and appropriate while avoiding excessive ornamentation | ☒ | ☐ | ☐ | |
| Utilities and equipment are concealed from view | ☐ | ☐ | ☒ | |
| Decorative lighting is limited and low wattage and adds to the visual character | ☒ | ☐ | ☐ | |
| Accessory elements are designed to coordinate with the primary structure | ☒ | ☐ | ☐ | |

## *LANDSCAPE DESIGN*

| DESIGN GUIDE/LMO CRITERIA | Complies Yes | No | Not Applicable | Comments or Conditions |
|---|---|---|---|---|
| Treats the Landscape as a major element of the project | ☒ | ☐ | ☐ | |
| Provides Landscaping of a scope and size that is in proportion to the scale of the development | ☒ | ☐ | ☐ | |
| Landscape is designed so that it may be maintained in its natural shape and size | ☒ | ☐ | ☐ | |
| Preserves a variety of existing native trees and shrubs | ☒ | ☐ | ☐ | |
| Provides for a harmonious setting for the site's structures, parking areas or other construction | ☒ | ☐ | ☐ | |
| Location of existing trees and new trees provides street buffers, mitigation for parking lots, and an architectural complement that visually mitigates between parking lots and building(s) | ☒ | ☐ | ☐ | |
| Shrubs are selected to complement the natural setting, provide visual interest and screen less-desirable elements of the project | ☒ | ☐ | ☐ | |
| A variety of species is selected for texture and color | ☒ | ☐ | ☐ | |
| Provides overall order and continuity of the Landscape plan | ☒ | ☐ | ☐ | |

| | | | | |
|---|---|---|---|---|
| Native plants or plants that have historically been prevalent on the Island are utilized | ☒ | ☐ | ☐ | |
| A variety of sizes is selected to create a "layered" appearance for visual interest and a sense of depth | ☒ | ☐ | ☐ | |
| The location of existing mature trees is taken into account in placement of shrubs so as not to damage tree roots | ☒ | ☐ | ☐ | |
| Proper spacing and location for plants to reach their mature size and natural shape while avoiding excessive or unnatural pruning | ☒ | ☐ | ☐ | |
| Proposed groundcovers are evergreen species with low maintenance needs | ☒ | ☐ | ☐ | |
| Large, grassed lawn areas encompassing a major portion of the site are avoided | ☒ | ☐ | ☐ | |
| The adjacent development is taken into account in determining the most appropriate buffer so as not to depart too dramatically from the neighborhood | ☐ | ☐ | ☒ | |
| Ornamentals and Annuals are limited to entrances and other focal points | ☒ | ☐ | ☐ | |

## *NATURAL RESOURCE PROTECTION*

| DESIGN GUIDE/LMO CRITERIA | Complies Yes | No | Not Applicable | Comments or Conditions |
|---|---|---|---|---|
| An effort has been made to preserve existing trees and under story plants | ☒ | ☐ | ☐ | |
| Supplemental and replacement trees meet LMO requirements for size, species and number | ☒ | ☐ | ☐ | |
| Wetlands if present are avoided and the required buffers are maintained | ☐ | ☐ | ☒ | |
| Sand dunes if present are not disturbed | ☐ | ☐ | ☒ | |

## *COMMENTS & CONDITIONS*

1. Staff recommends approval of the Sign System for Novant Health Hilton Head Island submittal with the following condition:
2. Any additional information as required by the Board.

# Beaufort Memorial
# Emergency & Urgent Care
# 1016 William Hilton Parkway
# Conceptual Submittal
# February 25, 2025
# DRB-001675-2025

# Town of Hilton Head Island

Community Development Department
One Town Center Court
Hilton Head Island, SC 29928
Phone: 843-341-4757 Fax: 843-842-8908
www.hiltonheadislandsc.gov

**FOR OFFICIAL USE ONLY**
Date Received: _____
Accepted by: _____
DRB #: _____
Meeting Date: _____

Applicant/Agent Name: Chris Buday Company: Boldt Holdings
Mailing Address: 301 W Wisconsin Ave Ste 305 City: Milwaukee State: WI Zip: 53203
Telephone: 414-305-4930 Fax: N/A E-mail: chris.buday@boldt.com
Project Name: Beaufort Memorial Hosp. ED&UC Project Address: 1016 William Hilton Parkway
Parcel Number [PIN]: R 5 5 3 0 1 5 0 0 0 0 1 5 3 0 0 0 0
Zoning District: Light Commercial (LC-1) Overlay District(s): Corridor Overlay District ROW Arterial

## CORRIDOR REVIEW, MAJOR
## DESIGN REVIEW BOARD (DRB) SUBMITTAL REQUIREMENTS

***Digital Submissions may be accepted via e-mail by calling 843-341-4757.***

Project Category:
X Concept Approval – Proposed Development
_____ Final Approval – Proposed Development
_____ Alteration/Addition
_____ Sign

Submittal Requirements for ***All*** projects:

N/A Private Architectural Review Board (ARB) Notice of Action (if applicable): When a project is within the jurisdiction of an ARB, the applicant shall submit such ARB's written notice of action per LMO Section 16-2-103.I.4.b.iii.01. Submitting an application to the ARB to meet this requirement is the responsibility of the applicant.

_____ Filing Fee: Concept Approval-Proposed Development $175, Final Approval – Proposed Development $175, Alterations/Additions $100, Signs $25; cash or check made payable to the Town of Hilton Head Island.

Additional Submittal Requirements:
**Concept Approval – Proposed Development**

X A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.
X A site analysis study to include specimen trees, access, significant topography, wetlands, buffers, setbacks, views, orientation and other site features that may influence design.
X A draft written narrative describing the design intent of the project, its goals and objectives and how it reflects the site analysis results.
X Context photographs of neighboring uses and architectural styles.
X Conceptual site plan (to scale) showing proposed location of new structures, parking areas and landscaping.
X Conceptual sketches of primary exterior elevations showing architectural character of the proposed development, materials, colors, shadow lines and landscaping.

Additional Submittal Requirements:

**Final Approval – Proposed Development**

_____ A final written narrative describing how the project conforms with the conceptual approval and design review guidelines of Sec. 16-3-106.F.3.

_____ Final site development plan meeting the requirements of Appendix D: D-6.F.

_____ Final site lighting and landscaping plans meeting the requirements of Appendix D: D-6.H and D-6.I.

_____ Final floor plans and elevation drawings (1/8"=1'-0" minimum scale) showing exterior building materials and colors with architectural sections and details to adequately describe the project.

_____ A color board (11"x17" maximum) containing actual color samples of all exterior finishes, keyed to the elevations, and indicating the manufacturer's name and color designation.

_____ Any additional information requested by the Design Review Board at the time of concept approval, such as scale model or color renderings, that the Board finds necessary in order to act on a final application.

Additional Submittal Requirements:

**Alterations/Additions**

_____ All of the materials required for final approval of proposed development as listed above, plus the following additional materials.

_____ A survey (1"=30' minimum scale) of property lines, existing topography and the location of trees meeting the tree protection regulations of Sec. 16-6-104.C.2, and if applicable, location of bordering streets, marshes and beaches.

_____ Photographs of existing structure.

Additional Submittal Requirements:

**Signs**

_____ Accurate color rendering of sign showing dimensions, type of lettering, materials and actual color samples.

For freestanding signs:

_____ Site plan (1”=30’ minimum scale) showing location of sign in relation to buildings, parking, existing signs, and property lines.

_____ Proposed landscaping plan.

For wall signs:

_____ Photograph or drawing of the building depicting the proposed location of the sign.

_____ Location, fixture type, and wattage of any proposed lighting.

Note: All application items must be received by the deadline date in order to be reviewed by the DRB per LMO Appendix D: D-23.

***A representative for each agenda item is strongly encouraged to attend the meeting.***

**Are there recorded private covenants and/or restrictions that are contrary to, conflict with, or prohibit the proposed request? If yes, a copy of the private covenants and/or restrictions must be submitted with this application. ☐YES ☒NO**

To the best of my knowledge, the information on this application and all additional documentation is true, factual, and complete. I hereby agree to abide by all conditions of any approvals granted by the Town of Hilton Head Island. I understand that such conditions shall apply to the subject property only and are a right or obligation transferable by sale.

I further understand that in the event of a State of Emergency due to a Disaster, the review and approval times set forth in the Land Management Ordinance may be suspended.

2/10/2025

SIGNATURE DATE

# BMH EMERGENCY & URGENT CARE

Hilton Head Island, South Carolina

## ARCHITECTURAL NARRATIVE

*Background*

As Beaufort Memorial Hospital seeks to expand access to quality care to Lowcountry communities, it plans to open a new, State-of-the-Art, facility on Hilton Head Island. Located at 1016 William Hilton Parkway, the new 11,400sf one-story facility will offer freestanding Emergency and Urgent Care services to residents and visitors in need.

Since 1944, Beaufort Memorial has continued to elevate services and broaden its impact between Beaufort and Savannah. This new facility will be built in conjunction with its Bluffton Community Medical Campus. Together, these two facilities will align the Beaufort Memorial brand by with Beaufort Memorial's mission and commitment to offering Lowcountry residents state-of-the-art care.

*Architectural Design - Siting*

The building is centered on its plot with its Main entrance oriented towards William Hilton Parkway and its Service and Ambulance access facing Dunnegan's Alley. An enclosure for the facility's emergency generator discreetly screens activities at the ambulance drop-off. The site design balances the parking needs with the landscape buffers that help maintain the island character of the facility. In keeping with Hilton Head's integration of buildings and landscape, a planted median fronting the main entrance and drop-off provides a calming, gracious, and attractive patient arrival/first impression. For the convenience of residents and visitors, pedestrian connections are provided to the adjacent parcels.

*Architectural Design – Massing and Character*

The building's simple footprint and massing take queues from its Bluffton counterpart while integrating island character into the design of both the Emergency and Urgent Care Center on Hilton Head Island. The building's design works to convey a connection to the Lowcountry though the use of Savannah red and grey brick combined with other local materials and colors. The design continues to relate to island architecture through the use a green, sloping, standing seam metal roof around the main body of the structure. The large vertical mass facing Hilton Head Parkway utilizes substantial portions of glass similar to the University of South Carolina classroom building but is visually separated to a more human scale through the placement of 4 wood-looking columns. This mass is capped with a shed roof with exposed rafters and beams.

At the building's main entrance, a Veranda creates a sense of welcoming and provides a transitional space mediating between indoors and outside. Furnished with simple seating, the Veranda establishes a casual tone, connecting to Lowcountry tradition while purposefully putting patients at ease.

Physically, the sheltering veranda connects to the waiting room volume, punctuating the building's low profile and thus, creating a sense of entry and presence. Characterized by its openness and transparency, this volume features expressed columns and soft green mullions that modulate the façade.

Through the use of native landscape materials, the building is grounded in the island character consistent with the local environment. Planting materials along the east and west building facades anchor the building, while accent trees connect the project to the local, forested culture. Landscaping screens the generator and trash enclosures, also blending them into the environment.

# Beaufort Memorial
# Emergency & Urgent Care
# 1016 William Hilton Parkway
# January 14, 2025 DRB Meeting
# 1st Conceptual Submittal Comments
# DRB-001675-2025

# Town of Hilton Head Island
# DESIGN REVIEW BOARD MEETING
# Tuesday, January 14, 2025, 2:30 PM
# Minutes

**1. Call to Order**

This meeting was called to order at 2:32pm.

**2. Adoption of the Agenda**

Mr. Parker made a motion to adopt the adenda. Ms. Fitzpatrick seconded. The motion passed unanimously.

**3. Approval of the Minutes**

**a.** Regular Meeting Minutes of December 10th, 2024

Ms. Pastor made a motion to approve the meeting minutes of December 10th. Vice Chair Lippert seconded. The motion passed unanimously.

**4. Unfinished Business**

**a.** DRB-000008-2025 - 9 Harborside Lane, Shelter Cove Marina - San Miguels Bar - Final

Mr. Parker and Mr. Theodore recused themselves and left the dias. Melissa Paul-Leto presented the San Miguels Bar application for final approval. The applicant, Tim Probst of PDG Architects, answered questions from the Board. After discussions, Vice Chair Lippert made a motion to approve the application with the following conditions: adhere to staff comments, including those from the fire department; confirm the color and temperature of the LED light strip fixture and submit a cut sheet; confirm that the handrails will be dark bronze; ensure all stucco walls abutting will receive a skim coat; ensure the new stairs will match; and confirm the fan color is bronze. Ms. Fitzpatrick seconded. The motion passed unanimously.

**5. New Business**

**a.** DRB-001675-2024 - 1016 William Hilton Parkway - Beaufort Memorial Hospital - Conceptual - Design Packet

Mr. Theodore and Mr. Parker returned to the dias. Chair Carstens recused himself, passed the gavel to Vice Chair Lippert, and left the dias. Ms. Paul-Leto presented the Beaufort Memorial Hospital for conceptual review. Applicant presented, stating that this is both urgent care and an emergency room. The Board questioned the applicants on various aspects of the design including how the design fits in with the architectural style of

Hilton Head Island, noise concerns, location, the equipment screenings, utilities and transformers, etc. The applicant and architect requested guidance on sidewalk plans and how best to connect these walkways to their neighbors. The Board requested they study the location of the bike racks, and the accuracy of the tree survey to the current site plans. The Board also advised to add more textured elements, and reconsidering the architecture clad metals.

Mr. Parker made a motion to approve with the following conditions: the color palette needs to be more natural, and white paint and Charleston Red Brick will most likely not be approved; to introduce roof elements or softening the architecture to be more in keeping with Hilton Head Island style; the lighting will meet all requirements of the Town due to its 24/7 hours of operation; signs will be reviewed under a separate submittal; the utilities will be run to avoid root systems of the oak tree(s); connection to the future sidewalk path on William Hilton Parkway will be provided; the aluminum glass screen will not be approved and will need to be restudied; make the generator screen a part of the building architecture; study the overall architecture to be more in keeping with Island character. Mr. Theodore seconded. The motion passed unanimously.

**6. Public Comment - Non Agenda Items**

**7. Board Business**

**a.** Review and Approval of the 2025 meeting dates

Chair Carstens returned to the dias. Vice Chair Lippert returned the gavel to Chair Carstens. Vice Chair Lippert made a motion to approve the 2025 meeting dates. Ms. Fitzpatrick seconded. The motion passed unanimously.

**8. Staff Reports**

**9. Adjournment**

This meeting was adjourned at 3:56 p.m.

**The recording of this Meeting can be found on the Town's website at [www.hiltonheadislandsc.gov](http://www.hiltonheadislandsc.gov)**

# Beaufort Memorial
# Emergency & Urgent Care
# 1016 William Hilton Parkway
# Plan Set
# February 25, 2025
# DRB-001675-2025

# BEAUFORT MEMORIAL HOSPITAL

# EMERGENCY & URGENT CARE

*BEAUFORT MEMORIAL HOSPITAL*

*1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND*

## PROJECT SUMMARY

LOCAL PROJECT NAME: BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

PROJECT ADDRESS: 1016 WILLIAM HILTON PARKWAY, HILTON HEAD ISLAND SC

PROJECT DESCRIPTION:
THE BEAUFORT MEMORIAL HOSPITAL PROJECT IS LOCATED ON A 1.97 ACRE PARCEL IN HILTON HEAD ISLAND, SOUTH CAROLINA AND INCLUDES THE CONSTRUCTION OF A NEW 11,225 S.F. BUILDING ALONG WITH A REDESIGNED ASPHALT PARKING LOT, AND ELECTRIC GENERATOR.

TAX MAP PARCEL INFORMATION:
TMS# 552-015-000-0153-0000

SITE ACREAGE:
SITE ACRES: 2.0 AC.
DISTURBED ACRES: 2.0 AC.

SITE ZONING:
ZONING: LC - LIGHT COMMERCIAL
OVERLAY DISTRICT CORRIDOR OVERLAY DISTRICT - ROW ARTERIAL

ADJACENT ZONING:
NORTH: DUNNANGANS ALLEY
SOUTH: US HWY-278 (WILLIAM HILTON PARKWAY)
EAST: LC - LIGHT COMMERCIAL
WEST: LC - LIGHT COMMERCIAL

BUFFERS:
FRONT (US HWY. 278): TYPE "E" BUFFER 50'
SIDE: 6' BUFFER
REAR: (DUNNIGANS ALLEY): TYPE "A" OPTION 2 BUFFER 10'

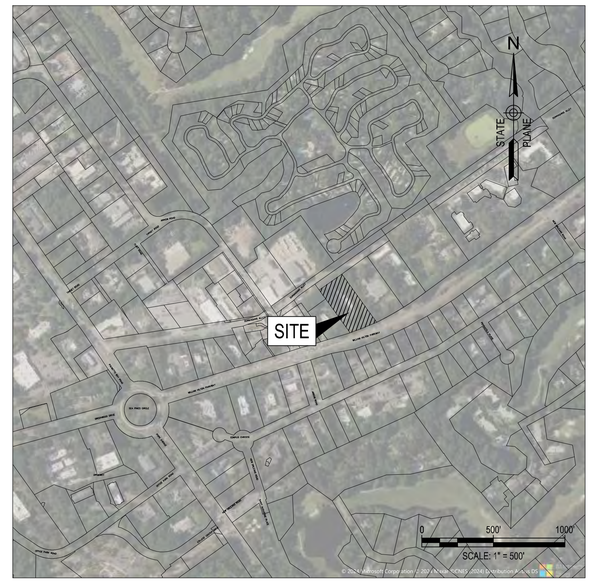
BUILDING SETBACKS:
FRONT (US HWY. 278): 50'
SIDE: 0'

PARKING SUMMARY:
TOTAL REQUIRED: 50 SPACES (1/225 SF x 11,225 SF)
TOTAL PROVIDED: 51 SPACES (1/225 SF x 11,225 SF)
NORMAL SPACES: 47
ADA SPACES: 3
ELECTRIC CHARGING: 1

BICYCLE PROVIDED: 16 SPACES

| PERMIT SUMMARY: | PERMIT #/FILE #: | STATUS |
|---|---|---|
| TOWN OF HILTON HEAD MAJOR DEVELOPMENT PLAN REVIEW | TBD | SUBMITTED |
| NPDES STORMWATER | TBD | SUBMITTED |
| OCRM CZC | TBD | SUBMITTED |
| SCDOT ENCROACHMENT | TBD | SUBMITTED |
| SANTEE COOPER ENCROACHMENT | TBD | SUBMITTED |
| TOWN OF HILTON HEAD ROAD ENCROACHMENT | TBD | |

## LOCATION MAP




## VICINITY MAP

| Sheet List Table | |
|---|---|
| Sheet Number | Sheet Title |
| C000 | COVER SHEET |
| C001 | GENERAL NOTES |
| C101 | EXISTING SITE AND DEMOLITION |
| C200 | SITE PLAN |
| C210 | CIRCULATION PLAN |
| C300 | OVERALL GRADING |
| C301 | GRADING NORTH |
| C302 | GRADING SOUTH |
| C310 | STORM DRAIN PLAN |
| C410 | SANITARY SEWER AND WATERLINE PLAN |
| C500 | SWPPP NOTES |
| C510 | SWPPP PLAN PHASE 1 |
| C520 | SWPPP PLAN PHASE 2 |
| C820 | SITE DETAILS |
| C821 | SITE DETAILS |
| C830 | GRADING AND DRAINAGE DETAILS |
| C840 | WATER DETAILS |
| C842 | PUMP STATION DETAILS |
| C843 | SANITARY SEWER DETAILS |
| C850 | SWPPP DETAILS |
| C851 | SWPPP DETAILS |
| C921 | SIGHT DISTANCE PLAN |
| C930 | DUNNIGANS ALLEY ENTRANCE |

## UNDERGROUND FACILITIES

ALL ACTIVE OR NOT-IN-SERVICE UNDERGROUND LINES, PIPELINES, CONDUITS, DUCTS, ENCASEMENTS, CABLES, WIRES, MANHOLES, VAULTS, TANKS, TUNNELS, OR OTHER SUCH FACILITIES OR SYSTEMS AT THE SITE, INCLUDING BUT NOT LIMITED TO THOSE FACILITIES OR SYSTEMS THAT PRODUCE, TRANSMIT, DISTRIBUTE, OR CONVEY TELEPHONE OR OTHER COMMUNICATIONS, CABLE TELEVISION, FIBER OPTIC TRANSMISSIONS, POWER, ELECTRICITY, LIGHT, HEAT, GASES, OIL, CRUDE OIL PRODUCTS, LIQUID PETROLEUM PRODUCTS, WATER, STEAM, WASTE, WASTEWATER, STORM WATER, OTHER LIQUIDS OR CHEMICALS, OR TRAFFIC OR OTHER CONTROL SYSTEMS. AN ABANDONED FACILITY OR SYSTEM IS NOT AN UNDERGROUND FACILITY.

EXISTING UNDERGROUND FACILITIES AT THE SITE HAVE NOT BEEN INDIVIDUALLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE AND ARE APPROXIMATE ONLY. UNLESS IT IS OTHERWISE EXPRESSLY PROVIDED IN THE SUPPLEMENTARY CONDITIONS OF THE CONSTRUCTION CONTRACT, THE COST OF ALL OF THE FOLLOWING ARE INCLUDED IN THE CONTRACT PRICE, AND CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR:

1. REVIEWING AND CHECKING ALL INFORMATION AND DATA REGARDING EXISTING UNDERGROUND FACILITIES AT THE SITE;
2. COMPLYING WITH APPLICABLE STATE AND LOCAL UTILITY DAMAGE PREVENTION LAWS AND REGULATIONS;
3. VERIFYING THE ACTUAL LOCATION OF THOSE UNDERGROUND FACILITIES SHOWN OR INDICATED IN THE CONTRACT DOCUMENTS AS BEING WITHIN THE AREA AFFECTED BY THE WORK, BY EXPOSING SUCH UNDERGROUND FACILITIES DURING THE COURSE OF CONSTRUCTION;
4. COORDINATION OF THE WORK WITH THE FACILITY OWNERS (INCLUDING (PROJECT) OWNER) OF SUCH UNDERGROUND FACILITIES, DURING CONSTRUCTION;
5. THE SAFETY AND PROTECTION OF ALL EXISTING UNDERGROUND FACILITIES AT THE SITE AND REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK; AND
6. ANY AND ALL DAMAGE WHICH OCCURS DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE, PROTECT, AND PRESERVE ANY AND ALL UNDERGROUND FACILITIES.

## PROTECTED AND GRAND TREE SUMMARY

| | NUMBER OF TREES | NUMBER OF INCHES |
|---|---|---|
| GRAND TREES TO BE REMOVED (24" & GREATER) | ## | ## |
| SIGNIFICANT TREES TO BE REMOVED (8" - 23") | ## | ## |

*REFER TO SHEET L100 FOR TREE MITIGATION SUMMARY

## AMERICANS WITH DISABILITIES ACT (ADA) COMPLIANCE

1. CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR CAUSING ALL PUBLIC RIGHT-OF-WAYS WITHIN THE CONSTRUCTION LIMITS AND ALL APPLICABLE AMENITIES TO BE, OR TO REMAIN, ADA COMPLIANT.
2. ALL PUBLIC RIGHT-OF-WAYS MUST REMAIN ADA COMPLIANT THROUGHOUT CONSTRUCTION OR CONTRACTOR SHALL PROVIDE AN ALTERNATIVE COMPLIANT ROUTE ACCEPTABLE TO OWNER.


**DEVELOPER**
BOLDT HOLDINGS
301 W WISCONSIN AVE., SUITE 305
MILWAUKEE, WI 53203

**CIVIL ENGINEER**
DAVIS & FLOYD, INC.
c/o RYAN LYLE
2712 BULL STREET SUITE A
BEAUFORT, SC 29902
843-379-2222

**LANDSCAPE ARCHITECT**
WITMER JONES KEEFER
23 PROMENADE ST., SUITE 201
BLUFFTON, SS 29910
843-757-7411

**SURVEYOR**
DAVIS & FLOYD, INC.
c/o JOHN GRAY (PLS#26954)
2712 BULL STREET SUITE A
BEAUFORT, SC 29902
843-379-2222

**OWNER**
WILLIAM HILTON PROPERTIES, LLC.
RUSSELL BAXLEY
955 RIBAUT ROAD
BEAUFORT, SC 29902


Know what's below. Call before you dig.

SOUTH CAROLINA DAVIS & FLOYD, INC No. C00538 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 28235 RYAN C. LYLE


**DAVIS & FLOYD**
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222


OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE
COVER SHEET

| NO. | RELEASED | CHECKED | DATE |
|---|---|---|---|

DRAWN: RC
DATE: 02/07/2025
DESIGNED: RC
REVIEWED: RC
CHECKED: RL
APPROVED: RL

C000

PAGE 1 OF 23


\\DO\2\Data\Jobs\Even\32266-01\Production\Civil\Drawings\32266.00-GENERAL.dwg, 2/7/2025 10:15:10 AM, william bockwood
THESE DRAWINGS AND THE DESIGN THEREON ARE THE PROPERTY OF DAVIS & FLOYD, INC. AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF THE ENGINEER / ARCHITECT AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION

## GENERAL CONSTRUCTION NOTES

1. ELEVATION DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) [NATIONAL GEODETIC VERTICAL OF 1929 (NGVD 29)].
2. HORIZONTAL DATUM: SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM OF 1983 BASED ON INTERNATIONAL FEET (SC83IF).
3. UNLESS OTHERWISE DETERMINED BY OWNER OR IDENTIFIED IN THE CONTRACT, ENGINEER WILL BE OWNER'S REPRESENTATIVE DURING THE CONSTRUCTION PERIOD. THE DUTIES AND RESPONSIBILITIES AND THE LIMITATIONS OF AUTHORITY OF ENGINEER AS OWNER'S REPRESENTATIVE DURING CONSTRUCTION ARE SET FORTH IN THE CONTRACT, OR IN THE ABSENCE OF SUCH IDENTIFIED IN THE CONTRACT, SUCH DUTIES AND RESPONSIBILITIES AND LIMITATIONS OF AUTHORITY OF ENGINEER AS OWNER'S REPRESENTATIVE WILL BE AS GENERALLY IDENTIFIED IN EJCDC DOCUMENT C-700 STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT, LATEST EDITION.
4. CONTRACTOR SHALL GIVE ALL NOTICES REQUIRED BY AND SHALL COMPLY WITH ALL LAWS AND REGULATIONS APPLICABLE TO THE PERFORMANCE OF THE WORK. NEITHER OWNER NOR ENGINEER, NOR OWNER'S REPRESENTATIVE, SHALL BE RESPONSIBLE FOR MONITORING CONTRACTOR'S COMPLIANCE WITH ANY LAWS OR REGULATIONS.
5. THE CONTRACTOR SHALL NOTIFY AGENCIES HAVING JURISDICTION AS NECESSARY OF THE ANTICIPATED SCHEDULE FOR INSPECTIONS PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR CONSTRUCTION MEANS AND METHODS, COMPLIANCE WITH OSHA REQUIREMENTS, COMPLETION OF SCOPE OF WORK, AND COMPLIANCE WITH ALL NECESSARY PERMITS.
7. CONTRACTOR SHALL HOLD ALL PERMITS IN HAND PRIOR TO COMMENCEMENT OF WORK.
8. THE CONTRACTOR MUST ACQUIRE COPIES OF ALL REQUIRED PERMITS, STAMPED APPROVED AGENCY PLANS, OS-SWPPP, AND OTHER SUCH REQUIRED DOCUMENTS TO KEEP ONSITE THROUGHOUT CONSTRUCTION FOR AGENCY INSPECTORS, THE OWNER, AND OTHER AUTHORIZED OFFICIALS.
9. CONTRACTOR SHALL PROVIDE ALL BONDS AND INSURANCE REQUIRED BY PUBLIC AND/OR PRIVATE AGENCIES HAVING JURISDICTION AND AS OTHERWISE REQUIRED BY THE CONTRACT DOCUMENTS.
10. THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE CONSTRUCTION CONTRACT INCLUDING SUCH INCIDENTALS AS MAY BE NECESSARY TO MEET APPLICABLE AGENCY REQUIREMENTS AND TO PROVIDE A COMPLETED PROJECT.
11. THE CONTRACTOR SHALL PROVIDE "AS-BUILT" RECORD DRAWINGS AS SPECIFIED OR REQUIRED IN THE CONTRACT DOCUMENTS, INCLUDING APPLICABLE AGENCY REQUIREMENTS. FINAL PAYMENT FOR THE WORK WILL NOT BE MADE UNTIL THE "AS-BUILT" RECORD DRAWINGS HAVE BEEN COMPLETED AND DELIVERED AS INDICATED ABOVE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LINES, GRADES AND CONSTRUCTION STAKING FOR THE PROJECT.
13. THE CONTRACTOR SHALL ADVISE THE OWNER'S REPRESENTATIVE IF EXISTING GRADES THAT ARE TO REMAIN ARE IN CONFLICT WITH PROPOSED WORK, CAUSING LIMITATIONS IN DRAINAGE PERFORMANCE OR SIGNIFICANT CHANGES IN CONSTRUCTION LIMITS DEFINED WITH CUT OR FILL LIMITS AND SPECIFICALLY THAT WORK WHICH MAY RESULT IN ANY CONSTRUCTION TAKING PLACE OUTSIDE OF PROPOSED CONSTRUCTION LIMITS.
14. THE CONTRACTOR SHALL MAINTAIN EXISTING 2-WAY TRAFFIC FLOW AT ALL TIMES, EXCEPT AS NOTED IN THE PLANS, AND SHALL AT ALL TIMES PROVIDE FLAG MEN AND APPROPRIATE TRAFFIC CONTROLS AS NEEDED. FOR WORK REQUIRING A TRAFFIC CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE THE LOCAL JURISDICTION AND/OR SCDOT AND OTHERS AS REQUIRED A COPY OF THE TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO COMMENCEMENT OF THE ASSOCIATED WORK. AND ANY CHANGES TO THIS PLAN SHALL BE APPROVED BY THE LOCAL JURISDICTION AND/OR SCDOT AND OTHERS AS REQUIRED PRIOR TO IMPLEMENTATION OF CHANGES.
15. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN THEIR OWN TEMPORARY RESTROOM FACILITIES ONSITE FOR WORK CREW USE.
16. ALL EXISTING ROADS SHOWN ON THE PLANS ARE PAVED UNLESS OTHERWISE NOTED.
17. THE CONTRACTOR SHALL PROTECT AND/OR RESTORE TO MEET OR EXCEED EXISTING CONDITIONS ANY CONTRACTOR RELATED IMPROVEMENTS OR DAMAGE ON THE OWNER'S PROPERTY, EASEMENTS, OR ANY ADJOINING PROPERTIES.
18. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE NPDES PERMIT AND GUIDELINES OF THE SCDHEC BMP HANDBOOK DURING THE ENTIRE CONSTRUCTION PERIOD. SEDIMENT AND EROSION CONTROL BEST MANAGEMENT PRACTICES (BPMs) SHALL INCLUDE, BUT NOT BE LIMITED TO, SILT FENCES, BERMS, INLET PROTECTION, ETC. AS NEEDED OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
19. RUBBER SAFETY CAPS SHALL BE INSTALLED ON THE TOPS OF ALL STEEL POSTS USED FROM CONSTRUCTION OF BMPs
20. CLEAR AND GRUB WITHIN WORK LIMITS FOR ALL SURFACE VEGETATION, TREES, STUMPS, BRUSH, ROOTS, ETC. DO NOT DAMAGE OR REMOVE SIGNIFICANT TREES EXCEPT AS SHOWN ON THE DRAWINGS.
21. DISPOSAL OF EXCESS EXCAVATED MATERIALS OFF-SITE AND HAULING OF FILL MATERIALS REQUIRED FOR CONSTRUCTION SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR.
22. WHERE ROADWAY DITCHES AND DRAINAGE PIPES ARE DAMAGED OR DISTURBED, THE CONTRACTOR SHALL RELAY DRAINAGE PIPE TO ORIGINAL INVERT ELEVATIONS AND RE-GRADE DITCHES TO ESTABLISH POSITIVE DRAINAGE.
23. AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH GRASS, SOD, MULCH, ETC. PER PLANS AND DETAILS, OR AT THE DIRECTION OF THE OWNER'S REPRESENTATIVE AS MAY BE APPLICABLE.

## EXISTING UTILITIES AND FACILITIES (ABOVE GROUND AND UNDER GROUND)

1. SEE SHEET C000 "UNDERGROUND FACILITIES".
2. THE LOCATION AND DESCRIPTIONS OF EXISTING UTILITIES SHOWN ON THE DRAWINGS OR OTHERWISE IDENTIFIED IN THE CONTRACT DOCUMENTS ARE COMPILED FROM A COMBINATION OF AVAILABLE RECORDS AND/OR FIELD SURVEYS. THE OWNER, ENGINEER, OR UTILITY COMPANIES DO NOT WARRANT OR GUARANTEE THE ACCURACY OR THE COMPLETENESS OF SUCH RECORDS. CONTRACTOR IS FULLY RESPONSIBLE TO FIELD VERIFY LOCATIONS AND/OR DEPTHS AS NEEDED OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. EXTREME CAUTION SHALL BE EXERCISED WHEN WORKING NEAR ANY EXISTING POWER, GAS, AND COMMUNICATIONS LINES.
3. THE CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING PROPERTY AND STREET MONUMENTS PRIOR TO CONSTRUCTION. ANY MONUMENTS DISTURBED DURING CONSTRUCTION OF THE PROJECT SHALL BE REPLACED BY A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
4. THE CONTRACTOR SHALL NOTIFY SOUTH CAROLINA 811 (811) AND ANY LOCAL UTILITY COMPANY NOT REPRESENTED BY SC811 A MINIMUM OF 72 HOURS PRIOR TO STARTING ANY PROPOSED WORK. "FORMERLY "PALMETTO UTILITY PROTECTION SERVICE (PUPS)"
5. THE CONTRACTOR SHALL NOTIFY ALL APPLICABLE UTILITY AGENCIES A MINIMUM 72 HOURS IN ADVANCE OF ANY EXCAVATION OR LAND DISTURBANCE NEAR EXISTING UTILITY LINES LOCATED ABOVE OR BELOW GROUND.
6. UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL PROTECT AND MAINTAIN UTILITY SERVICE TO ALL EXISTING BUILDINGS AT ALL TIMES. IF THE CONTRACTOR REQUIRES AN INTERRUPTION TO ANY UTILITY SERVICE, THEY MUST NOTIFY THE EXISTING PROPERTY OWNER, THE APPLICABLE AGENCY, THE PROJECT OWNER, AND OWNER'S REPRESENTATIVE IN WRITING A MINIMUM OF 72 HOURS PRIOR TO THE DESIRED INTERRUPTION TO COORDINATE AND SCHEDULE TEMPORARY DISRUPTIONS AND RECONNECTION OF UTILITIES.
7. ALL UTILITY CROSSINGS SHALL BE POTHOLED PRIOR TO EXCAVATING OR BORING TO ALLOW THE CONTRACTOR TO PREVENT GRADE OR ALIGNMENT CONFLICTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING POTENTIAL UTILITY CONFLICTS FAR ENOUGH AHEAD OF CONSTRUCTION TO MAKE NECESSARY GRADE MODIFICATION WITHOUT DELAYING THE WORK. IF GRADE MODIFICATION IS NECESSARY, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE.
8. RELOCATION, REMOVAL, OR ABANDONMENT OF EXISTING UTILITIES OWNED/MAINTAINED BY OTHER AGENCIES (WATER, SEWER, GAS, POWER, COMMUNICATIONS, ETC.) SHALL BE COORDINATED BY THE CONTRACTOR.
9. CONTRACTOR MUST COORDINATE ANY MODIFICATION TO UTILITY LAYOUT, MATERIALS, ETC. WITH THE OWNER'S REPRESENTATIVE AND APPLICABLE AGENCY AND MUST OBTAIN APPROVAL PRIOR TO ORDERING MATERIALS OR MAKING ANY SUCH CHANGES.
10. INTERFERING PORTIONS OF UTILITIES THAT ARE ABANDONED IN PLACE SHALL BE REMOVED BY THE CONTRACTOR TO THE EXTENT NECESSARY TO ACCOMPLISH THE WORK. THE CONTRACTOR SHALL PLUG THE REMAINING EXPOSED ENDS OF DEMOLISHED SERVICES AND ABANDONED UTILITIES.
11. ALL EXISTING FACILITIES SHALL BE MAINTAINED IN-PLACE BY THE CONTRACTOR UNLESS OTHERWISE DEPICTED ON THE PLANS OR DIRECTED BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO SUPPORT, MAINTAIN, OR OTHERWISE PROTECT EXISTING UTILITIES AND OTHER FACILITIES NOT INDICATED TO BE REMOVED AT ALL TIMES DURING CONSTRUCTION. ALL EXISTING STRUCTURES, INCLUDING BUT NOT LIMITED TO SIGNS AND DRIVES DISTURBED DURING CONSTRUCTION THAT ARE NOT SHOWN TO BE PERMANENTLY DEMOLISHED SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER.
12. THE CONTRACTOR SHALL REMOVE AND REPLACE ALL EXISTING SURFACE FEATURES (UNLESS INDICATED TO BE PERMANENTLY DEMOLISHED) NECESSARY FOR INSTALLATION / REMOVAL OR ALL UNDERGROUND AND ABOVE GROUND WORK AS REQUIRED BY THE CONTRACT DOCUMENTS. THIS SHALL INCLUDE BUT NOT BE LIMITED TO FENCES, CURB & GUTTER, LANDSCAPING, SIDEWALKS, AND PAVEMENT.
13. ANY PAVEMENT DAMAGED DURING CONSTRUCTION THAT IS NOT INDICATED TO BE PERMANENTLY DEMOLISHED SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER. ANY BROKEN PAVEMENT EDGES SHALL BE SAW-CUT IN A SMOOTH STRAIGHT LINE AND THE PAVEMENT REPLACED TO MATCH EXISTING GRADES.
14. DRAINAGE PIPES DAMAGED DURING CONSTRUCTION (WHICH ARE NOT INDICATED TO BE PERMANENTLY DEMOLISHED) ARE TO BE REPLACED AT A MINIMUM WITH NEW CLASS III - WALL B REINFORCED CONCRETE PIPE COMPLYING WITH ASTM C76, OR WITH OTHER OWNER APPROVED EQUIVALENT PIPE MATERIAL, COMPATIBLE WITH THE EXISTING SOIL CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF SUCH INSTANCES AND MUST OBTAIN APPROVAL PRIOR TO ORDERING MATERIALS OR MAKING ANY SUCH REPLACEMENTS.
15. ANY SEPTIC TANKS ENCOUNTERED DURING CONSTRUCTION SHALL BE PUMPED OUT BY A CERTIFIED COMPANY, THE TANK EXCAVATED, AND DISPOSED OF PER INDUSTRY STANDARDS AND REQUIREMENTS.
16. ANY FUEL TANKS ENCOUNTERED SHALL BE REMOVED AND DISPOSED OF PER SCDHEC REQUIREMENTS. BACKFILL WITH COMPACTED GRANULAR MATERIAL.
17. ANY UNEXPECTED WELLS, TANKS, PIPES, STRUCTURES ETC., ENCOUNTERED SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. IN THE EVENT CONTAMINATED OR HAZARDOUS MATERIAL IS ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE IMMEDIATELY.

## GRADING, PAVING AND DRAINAGE

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANAGING CONSTRUCTION ACTIVITIES AT ALL TIMES TO ENSURE THAT PUBLIC STREETS AND RIGHT-OF-WAYS ARE KEPT CLEAN OF MUD, DUST, OR DEBRIS. DUST ABATEMENT SHALL BE MAINTAINED BY ADEQUATE WATERING OF THE SITE BY THE CONTRACTOR.
2. FOR GRADING, PAVING, AND DRAINAGE WORK LOCATED WITHIN SCDOT AND/OR PUBLIC RIGHTS-OF-WAY, ALL MATERIALS AND EQUIPMENT, UNLESS SPECIFICALLY STATED OTHERWISE HEREIN, SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.
3. REGARDING STRIP WORK LIMITS, REMOVING ALL ORGANIC MATTER WHICH CAN NOT BE COMPACTED INTO A STABLE MASS: ALL TREES, BRUSH, AND DEBRIS ASSOCIATED WITH CLEARING, STRIPPING, OR GRADING SHALL BE REMOVED AND DISPOSED OF OFF-SITE BY THE CONTRACTOR. CONTRACTOR SHALL COORDINATE THE REMOVAL OF ANY "TREES MARKED AS PROTECTED, OR ANY TREES WHICH SHOULD OTHERWISE BE PROTECTED PER AGENCY OR OTHER PROJECT REQUIREMENTS, WITH THE OWNER'S REPRESENTATIVE, AND THE LOCAL AGENCIES HAVING JURISDICTION PRIOR TO REMOVAL.
4. UNLESS SPECIFICALLY STATED OTHERWISE, ALL FILL SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE AND CONSTRUCTED IN 10" LIFTS MAXIMUM WITH HEAVY COMPACTION EQUIPMENT. EACH LIFT SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY PER AASHTO T-180 TEST METHOD (MODIFIED PROCTOR) AND BE WITHIN 3% OF THE OPTIMUM MOISTURE CONTENT.
5. ALL FILL MATERIALS SHALL BE COMPACTED IN LIFTS TO THE DESIRED COMPACTION RATES WITH FIELD DENSITY TEST REPORTS DOCUMENTING THAT THE REQUIREMENTS HAVE BEEN ACHIEVED. ALLOW INSPECTING AGENCY TO INSPECT AND TEST SUBGRADES AND EACH FILL OR BACKFILL LAYER. PROCEED WITH SUBSEQUENT EARTH MOVING ONLY AFTER TESTING RESULTS FOR PREVIOUSLY COMPLETED WORK COMPLY WITH REQUIREMENTS. WHEN TESTING AGENCY REPORTS THAT SUBGRADES, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED; SCARIFY, MOISTEN, AND AERATE OR REMOVE AND REPLACE SOIL MATERIALS TO DEPTH REQUIRED. RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
6. UNLESS OTHERWISE SHOWN ON THE DRAWINGS, NO FILL SLOPES SHALL BE CONSTRUCTED STEEPER THAN 3H:1V.
7. THE CONTRACTOR SHALL FURNISH, INSTALL, MONITOR, AND MAINTAIN EXCAVATION OPEN-TRENCH SUPPORT AND PROTECTION SYSTEMS CAPABLE OF SUPPORTING EXCAVATION SIDEWALLS AND OF RESISTING SOIL AND HYDROSTATIC PRESSURE AND SURCHARGES AND CONSTRUCTION LOADS. PREVENT SURFACE WATER FROM ENTERING EXCAVATIONS BY GRADING, DIKES, OR OTHER MEANS. INSTALL EXCAVATION SUPPORT AND PROTECTION SYSTEMS WITHOUT DAMAGING EXISTING BUILDINGS, STRUCTURES, AND SITE IMPROVEMENTS ADJACENT TO EXCAVATION. CONTRACTOR SHALL MONITOR VIBRATIONS, SETTLEMENTS, AND MOVEMENTS. SHOW EXISTING CONDITIONS OF ADJACENT CONSTRUCTION AND SITE IMPROVEMENTS WITH PHOTOGRAPHS AND OR VIDEOS THAT MIGHT BE MISCONSTRUED AS DAMAGE CAUSED BY THE ABSENCE OF, THE INSTALLMENT OF, OR THE PERFORMANCE OF EXCAVATION SUPPORT AND PROTECTION SYSTEMS AND SUBMIT BEFORE WORK BEGINS.
8. THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY CONSTRUCTION TO GRADES THAT RESULT IN POSITIVE DRAINAGE TO THE EXISTING AND/OR NEW STORM DRAINAGE INLETS, UNLESS OTHERWISE REQUIRED BY THE CONTRACT DOCUMENTS.

## STORM WATER SYSTEM NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING PROPER DRAINAGE OF EXISTING STORM SEWER LINES AND CHANNELS DURING CONSTRUCTION WORK.
2. NEW STORM WATER SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LOCAL JURISDICTION AND/OR SCDOT SPECIFICATIONS AND REQUIREMENTS.
3. THE GRADE OF THE GRAVITY STORM PIPES SHALL BE MAINTAINED AT A CONSTANT SLOPE BETWEEN INVERT ELEVATIONS.
4. UNLESS SPECIFICALLY NOTED OTHERWISE, REINFORCED CONCRETE PIPE (RCP) SHALL BE ASTM C-76, CLASS III - WALL B WITH GASKETED JOINTS PER ASTM C443. THE EXTERIOR OF THE JOINTS FOR ALL RCP SHALL BE WRAPPED WITH FILTER FABRIC, MINIMUM 18" IN WIDTH.
5. ALL MANHOLE LIDS AND CATCH BASINS SHALL CONTAIN A LABEL IDENTIFYING THE SYSTEM AS STORMWATER AND MARKED WITH AN APPROPRIATE STORMWATER AWARENESS MESSAGE SUCH AS "NO DUMPING - DRAINS TO WATERWAYS."
6. AT THE COMPLETION OF CONSTRUCTION WHEN THE SITE IS FULLY STABILIZED, THE CONTRACTOR SHALL CLEAN ALL STORMWATER DRAINAGE SYSTEMS WITHIN THE PROJECT LIMITS.

## WATER SYSTEM NOTES

1. WATER INSTALLATION SHALL BE IN ACCORDANCE WITH THE "TEN STATES STANDARDS", SCDHEC REGULATIONS, AND HILTON HEAD ISLAND 1 PUBLIC SERVICE DISTRICT AND APPROVED TECHNICAL SPECIFICATIONS, LATEST EDITION, FOUND AT [WEBSITE]

## WASTEWATER SYSTEM NOTES

1. WASTEWATER INSTALLATION SHALL BE IN ACCORDANCE WITH THE "TEN STATES STANDARDS", SCDHEC REGULATIONS, AND HILTON HEAD ISLAND 1 PUBLIC SERVICE DISTRICT AND APPROVED TECHNICAL SPECIFICATIONS, LATEST EDITION, FOUND AT [WEBSITE]

## PROJECT CLOSEOUT NOTES

1. ALL SUBMITTED RECORD DRAWINGS AND AS-BUILT SURVEYS MUST INCLUDE AND REFERENCE THE LATEST PERMITTED PLANS.
2. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED RECORD (AS-BUILT) DRAWINGS, PIPE VIDEOS, VALVE CARDS, AND TESTING FORMS TO CLOSE-OUT APPLICABLE AGENCY AND UTILITY PERMITS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING CERTIFICATIONS, GUARANTEES, WARRANTIES, AND OTHER INFORMATION NECESSARY TO SUPPORT THE APPLICATIONS OR SUBMITTALS FOR, AND COORDINATING THE COMPLETION OF, A PERMANENT STORMWATER FACILITY MAINTENANCE AND RESPONSIBILITY AGREEMENT AND RECORD (AS-BUILT) DRAWINGS IN ACCORDANCE WITH THE LOCAL JURISDICTION'S SPECIFICATIONS AND OTHER REQUIREMENTS. COMPLETION OF AND AGENCY ACCEPTANCE OF A PERMANENT STORMWATER FACILITY MAINTENANCE AND RESPONSIBILITY AGREEMENT AND RECORD DRAWINGS ARE REQUIRED BEFORE A CERTIFICATE OF OCCUPANCY (CO) AND A NOTICE OF TERMINATION (NoT) OF THE CONSTRUCTION GENERAL PERMIT WILL BE APPROVED.

| CONTACTS | | | |
|---|---|---|---|
| FIRM/AGENCY/UTILITY | | PHONE | CONTACT |
| OWNER/DEVELOPER | | | |
| CIVIL ENGINEER | DAVIS & FLOYD, INC. | 843-379-2222 | |
| LANDSCAPE ARCHITECT | | | |
| SURVEYOR | DAVIS & FLOYD, INC. | 843-379-2222 | |
| GEOTECHNICAL ENGINEER | | | |
| WETLANDS CONSULTANT | | | |
| PLANNING/ZONING | | | |
| ENGINEERING / PUBLIC WORKS | | | |
| MS4 / STORMWATER | | | |
| FIRE MARSHAL | | | |
| NPDES PERMITTING | SCDHEC - STORMWATER | | |
| COASTAL ZONE CONSISTENCY | SCDHEC - OCRM/CZC | | |
| ROAD | SCDOT - ROAD ENCR. | | |
| ROAD - UTILITIES | SCDOT - UTILITIES ENCR. | | |
| WATER | SOUTH ISLAND PUBLIC SERVICE DISTRICT | 843-785-6224 | |
| SEWER | SOUTH ISLAND PUBLIC SERVICE DISTRICT | 843-785-6224 | |
| ELECTRICAL | | | |
| NATURAL GAS | | | |
| TELEPHONE | | | |

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SOUTH CAROLINA PROFESSIONAL ENGINEER CERTIFICATE OF AUTHORIZATION
DAVIS & FLOYD, INC
No. C00638

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 28235
BYRON L. LOCKWOOD

DAVIS & FLOYD
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222

OWNER:
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND

PROJECT TITLE:
BEAUFORT MEMORIAL HOSPITAL
EMERGENCY & URGENT CARE

DRAWING TITLE:
GENERAL NOTES

| NO. | REVISIONS | CHECKED | DATE |
|---|---|---|---|
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JOB NO. 32265.00
DATE 02/07/2025
DESIGNED RC
DRAWN RC
CHECKED RL
APPROVED RL

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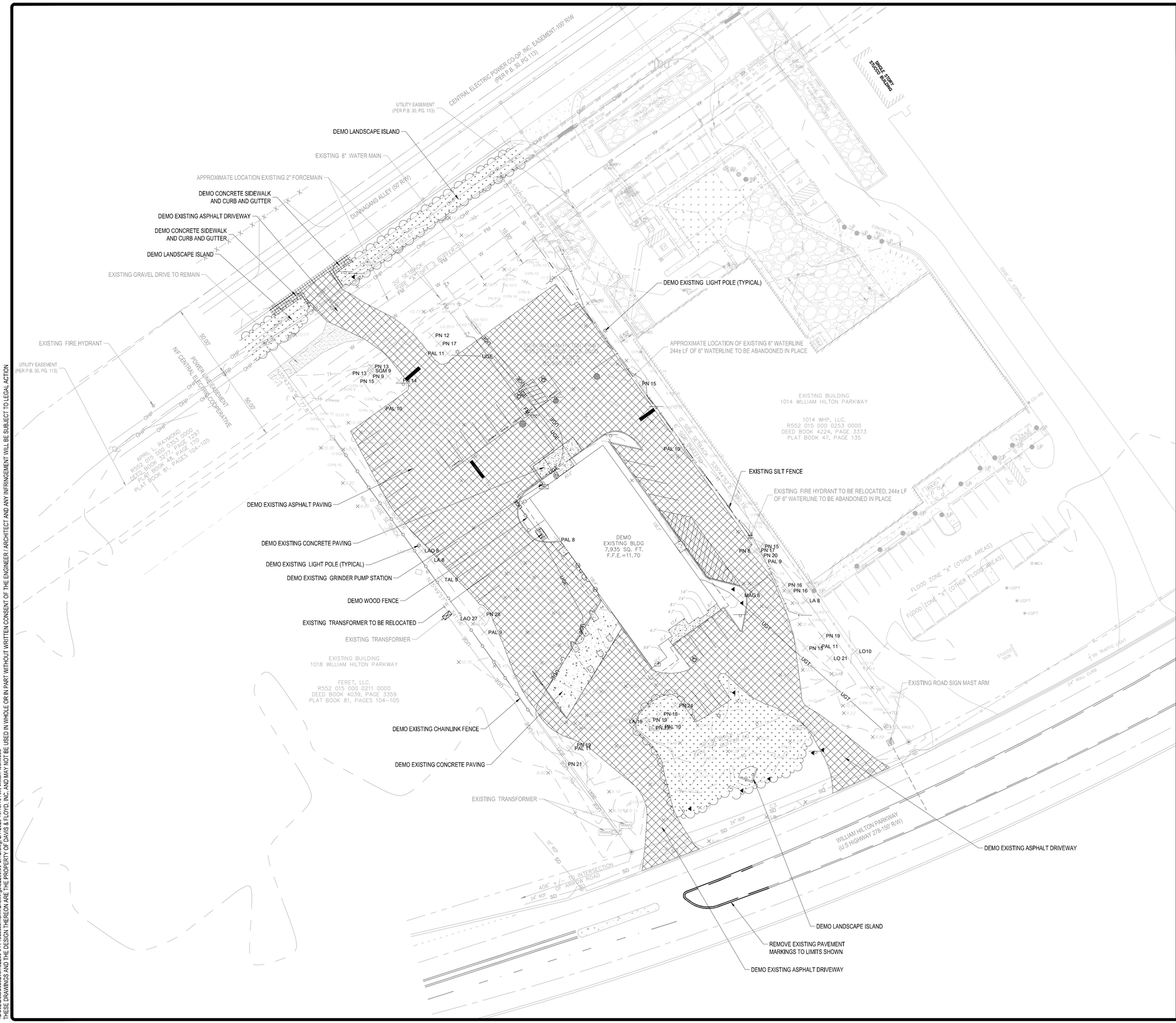


## DEMOLITION PLAN NOTES

1. REFER TO GENERAL NOTES, SPECIFICATIONS, AND CONTRACT DOCUMENTS.
2. REMOVE ALL TREES INDICATED TO BE REMOVED ON TREE REMOVAL PLANS.
3. REFERENCE PHASE 1 SWPPP PLAN AND INSTALL SEDIMENT AND EROSION CONTROL BMP'S AS SHOWN ON SHEET C510 PRIOR TO BEGINNING DEMOLITION WORK.
4. EXISTING CONDITIONS WERE OBTAINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEYS AND ARE NOT WARRANTED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF ANY WORK.
5. PROTECT AND MAINTAIN EROSION CONTROLS THROUGHOUT DEMOLITION AND CONSTRUCTION.
6. SOME UNDERGROUND CONDUITS ARE NOT SHOWN ON THESE PLANS. PRIOR TO ANY EXCAVATION, CONTRACTOR TO SUB-CONTRACT UTILITY LOCATION SERVICES FOR EXISTING UNDERGROUND UTILITIES.
7. CONTRACTOR SHALL COORDINATE WITH OWNER AND UTILITY PROVIDERS FOR RELOCATION OR REMOVAL OF EXISTING UTILITIES NECESSARY TO COMPLETE THE WORK.
8. CONTRACTOR SHALL REMOVE ALL EXISTING STRUCTURES WITHIN PROJECT LIMITS, NOT INDICATED TO REMAIN, WITH CONSENT FROM THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DEMOLITION PERMITS AND ASBESTOS CONTAINING MATERIALS SURVEYS.
9. CONTRACTOR SHALL REMOVE EXISTING STORM PIPES, CONTROL STRUCTURES, AND HEADWALLS NOT INDICATED TO REMAIN ON GRADING AND DRAINAGE PLANS.
10. CONTRACTOR TO PROVIDE OWNER WITH AT LEAST 48 HOURS NOTICE PRIOR TO ANY REQUIRED UTILITY SERVICE DISRUPTIONS OR SHUTDOWNS.
11. CONTRACTOR SHALL USE CARE WHEN WORKING NEAR EXISTING OCCUPIED BUILDINGS AND OTHER INFRASTRUCTURE. ALL MATERIALS ON SITE SHALL BE PROPERLY RESTRAINED AND COVERED.
12. CONTRACTOR TO REMOVE ALL SIGNS AND POSTS NOT INDICATED TO REMAIN WITHIN PROJECT AREA. CONTRACTOR TO INSTALL NEW SIGNS AND POSTS IN ACCORDANCE WITH THE SIGNAGE AND STRIPING PLAN.
13. CONTRACTOR TO COORDINATE WITH OWNER, UTILITY AGENCY, AND ENVIRONMENTAL AGENCY FOR EXCAVATION AND REMOVAL OF ONSITE SEPTIC TANKS.
14. CONTRACTOR SHALL REMOVE INTERFERING PORTIONS OF EXISTING SITE FENCING WITHIN WORKS LIMITS AS NEEDED.
15. CONTRACTOR TO REMOVE ALL UNDERGROUND FOUNDATIONS FOR THE EXISTING BUILDING AND CANOPY.

Know what's below. Call before you dig.

N
STATE PLANE
0 30' 60'
SCALE: 1" = 30'

PROJECT DATUM INFORMATION:
HORIZONTAL DATUM: SC83IF
VERTICAL DATUM: NAVD88

SOUTH CAROLINA DAVIS & FLOYD, INC. No. C00538 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 28235 RYAN C. LIGHTSEY


DAVIS & FLOYD
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222


OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE
EXISTING SITE AND DEMOLITION

| NO. | RELEASED | CHECKED | DATE |
|---|---|---|---|
| | | | |

JOB NO. 32266.00
DATE 02/07/2025
DESIGNED RC
DRAWN RC
CHECKED RL
APPROVED RL

C101




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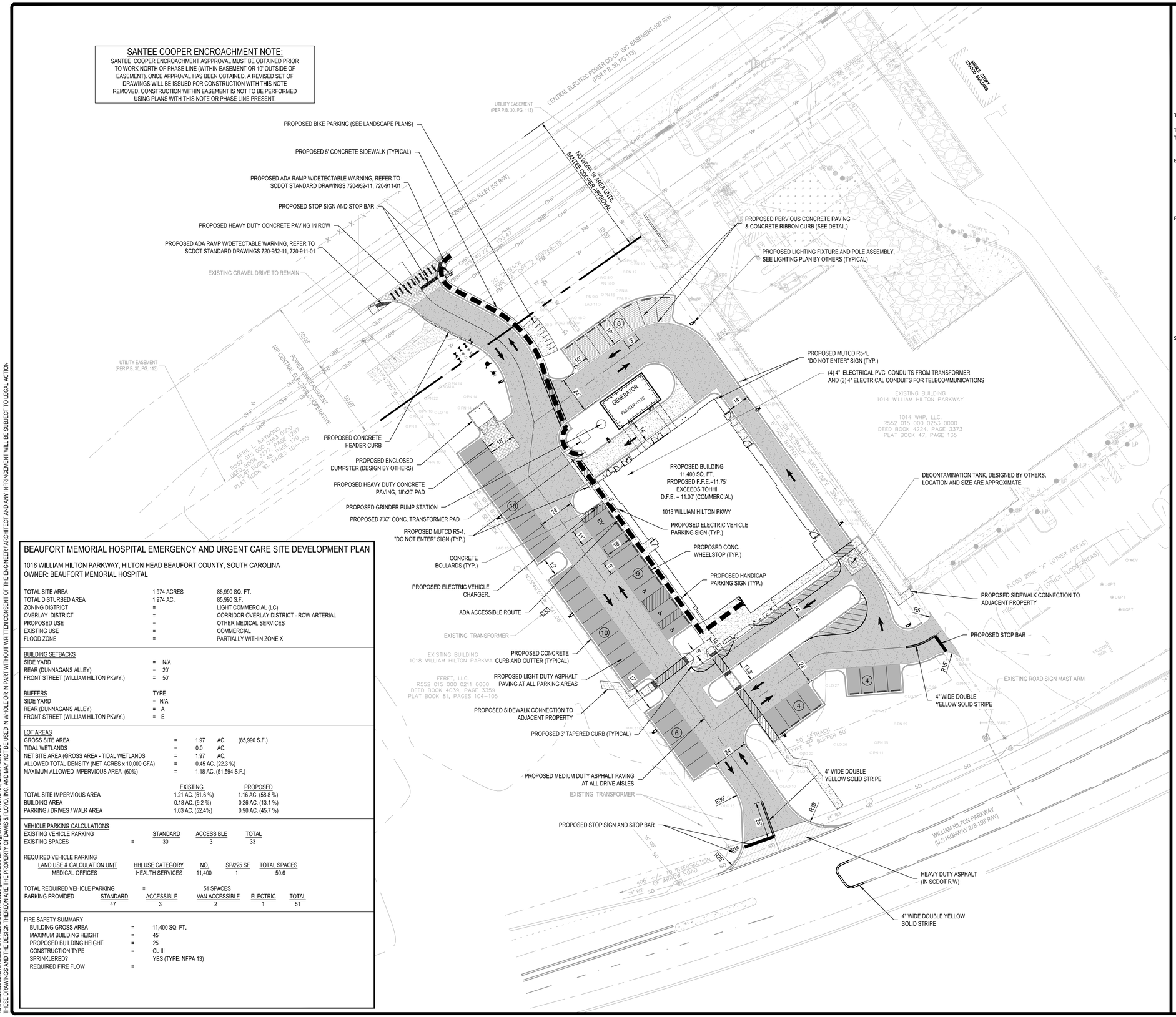


## BEAUFORT MEMORIAL HOSPITAL EMERGENCY AND URGENT CARE SITE DEVELOPMENT PLAN

1016 WILLIAM HILTON PARKWAY, HILTON HEAD BEAUFORT COUNTY, SOUTH CAROLINA
OWNER: BEAUFORT MEMORIAL HOSPITAL

| | | | |
|---|---|---|---|
| TOTAL SITE AREA | 1.974 ACRES | | 85,990 SQ. FT. |
| TOTAL DISTURBED AREA | 1.974 AC. | | 85,990 S.F. |
| ZONING DISTRICT | = | | LIGHT COMMERCIAL (LC) |
| OVERLAY DISTRICT | = | | CORRIDOR OVERLAY DISTRICT - ROW ARTERIAL |
| PROPOSED USE | = | | OTHER MEDICAL SERVICES |
| EXISTING USE | = | | COMMERCIAL |
| FLOOD ZONE | = | | PARTIALLY WITHIN ZONE X |

| BUILDING SETBACKS | | |
|---|---|---|
| SIDE YARD | = | N/A |
| REAR (DUNNAGANS ALLEY) | = | 20' |
| FRONT STREET (WILLIAM HILTON PKWY.) | = | 50' |

| BUFFERS | | TYPE |
|---|---|---|
| SIDE YARD | = | N/A |
| REAR (DUNNAGANS ALLEY) | = | A |
| FRONT STREET (WILLIAM HILTON PKWY.) | = | E |

| LOT AREAS | | | | |
|---|---|---|---|---|
| GROSS SITE AREA | = | 1.97 | AC. | (85,990 S.F.) |
| TIDAL WETLANDS | = | 0.0 | AC. | |
| NET SITE AREA (GROSS AREA - TIDAL WETLANDS | = | 1.97 | AC. | |
| ALLOWED TOTAL DENSITY (NET ACRES x 10,000 GFA) | = | 0.45 AC. (22.3 %) | | |
| MAXIMUM ALLOWED IMPERVIOUS AREA (60%) | = | 1.18 AC. (51,594 S.F.) | | |

| | EXISTING | PROPOSED |
|---|---|---|
| TOTAL SITE IMPERVIOUS AREA | 1.21 AC. (61.6 %) | 1.16 AC. (58.8 %) |
| BUILDING AREA | 0.18 AC. (9.2 %) | 0.26 AC. (13.1 %) |
| PARKING / DRIVES / WALK AREA | 1.03 AC. (52.4%) | 0.90 AC. (45.7 %) |

VEHICLE PARKING CALCULATIONS

| | | STANDARD | ACCESSIBLE | TOTAL |
|---|---|---|---|---|
| EXISTING VEHICLE PARKING | | | | |
| EXISTING SPACES | = | 30 | 3 | 33 |

REQUIRED VEHICLE PARKING

| LAND USE & CALCULATION UNIT | HHI USE CATEGORY | NO. | SP/225 SF | TOTAL SPACES |
|---|---|---|---|---|
| MEDICAL OFFICES | HEALTH SERVICES | 11,400 | 1 | 50.6 |

TOTAL REQUIRED VEHICLE PARKING = 51 SPACES

| PARKING PROVIDED | STANDARD | ACCESSIBLE | VAN ACCESSIBLE | ELECTRIC | TOTAL |
|---|---|---|---|---|---|
| | 47 | 3 | 2 | 1 | 51 |

FIRE SAFETY SUMMARY

| | | |
|---|---|---|
| BUILDING GROSS AREA | = | 11,400 SQ. FT. |
| MAXIMUM BUILDING HEIGHT | = | 45' |
| PROPOSED BUILDING HEIGHT | = | 25' |
| CONSTRUCTION TYPE | = | CL III |
| SPRINKLERED? | | YES (TYPE: NFPA 13) |
| REQUIRED FIRE FLOW | = | |

## SITE PLAN NOTES

1. REFER TO GENERAL NOTES, SPECIFICATIONS, AND CONTRACT DOCUMENTS.
2. ALL PUBLIC RIGHT-OF-WAYS AND ALL AMENITIES SHALL BE ADA COMPLIANT.
3. EXISTING ADA ACCESSIBLE PUBLIC RIGHT-OF-WAYS MUST REMAIN ADA COMPLIANT DURING CONSTRUCTION OR AN ALTERNATIVE ROUTE MUST BE PROVIDED.
4. REFER TO LANDSCAPE PLANS FOR HARDSCAPE, FENCING, AND PLANTING DETAILS.
5. ALL DIMENSIONS SHOWN ARE TO FACE OF CURB. TYPICAL CURB WIDTH IS 0.5'. WHERE NO CURB IS EXISTING OR PROPOSED, DIMENSIONS SHOWN ARE TO THE EDGE OF PAVEMENT.

**Telecommunications:**

Telecommunications will need two different service entrances, each consisting of 3-4" conduits. These conduits shall be 24-36 inches below grade.

**Electrical:**

- Need (4) 4" conduits into the building from the transformer, concrete encased. Conduit shall be PVC with conductors rated for wet-location per NEC.
- Generator will be on a sub-base fuel tank that contains diesel fuel.
- Fuel tank shall be sized for 96 hours of runtime.
- From off site to the utility transformer, we will have 2-4" conduits for the power company to bring the primary electrical service to the transformer.

**Plumbing:**

- Sewer
  - Install new private Sanitary Sewer grinder pumpstation (size by MEP).
  - Connect to existing 2" sewer forcemain
  - Sanitary service for (1) 4" main connection from the building to the pumpstation.
- Water
  - Need (2) 2-1/2" water services brought to the building.
  - Make provisions for the water main taps to be separated from each other as much as is practical. The services shall enter at opposite ends of the building.
- Fire Protection:
  - Need (1) 6" fire entrance into the building.
  - Double detector check valve provided outside building and located per local requirements.
  - FDC located per local requirements.
  - Need flow test provided by Civil to utilize for fire protection design and verification.
  - Need (1) 6" fire entrance into the building.

**Storm Drainage**

- Site Drainage
- Roof Drainage
  - Need at least (7) storm connections to the building
    - Sizes vary between 3", 4", and 6" depending on area served.
    - Route to nearest underground storm drainage onsite

## SITE LEGEND

PROPERTY LINE
RIGHT OF WAY
EASEMENT
BUFFER
SETBACK
LIMITS OF DISTURBANCE — NPDES
TREE PROTECTION
CENTERLINE
CURB
CURB AND GUTTER
FENCELINE
GUARDRAIL
RETAINING WALL
ADA ACCESSIBLE ROUTE
PROPOSED LIGHT-DUTY ASPHALT
PROPOSED MEDIUM-DUTY ASPHALT
PROPOSED HEAVY-DUTY ASPHALT (IN SCDOT R/W)
PROPOSED PERVIOUS CONCRETE
PROPOSED CONCRETE
PROPOSED HEAVY-DUTY CONCRETE
WETLAND
WETLAND BUFFER
A.D.A. RAMP WITH DETECTABLE WARNINGS
SITE LIGHTING FIXTURES
SINGLE ARM LIGHT POLE
POINT OF INFLECTION
WHEEL STOP
A.D.A. PARKING AND SIGNAGE
SIGN
STOP BAR (PAVEMENT MARKING)
DIRECTIONAL ARROW (PAVEMENT MARKING)
ONLY SIGN (PAVEMENT MARKING) — ONLY
NORMAL SPACE PARKING COUNT
COMPACT SPACE PARKING COUNT
DOUBLE ARM LIGHT POLE
CURB TRANSITION
UTILITY POLE — UP

Know what's below. Call before you dig.

N
STATE PLANE
0 30' 60'
SCALE: 1" = 30'

PROJECT DATUM INFORMATION:
HORIZONTAL DATUM: SC83IF
VERTICAL DATUM: NAVD88

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PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222


OWNER: BEAUFORT MEMORIAL HOSPITAL
PROJECT TITLE: 1016 WILLIAM HILTON PARKWAY, HILTON HEAD ISLAND
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE: SITE PLAN

| NO. | REVISIONS | DATE | CHECKED |
|---|---|---|---|

JOB NO. 32286.00
DATE 02/07/2025
DESIGNED RC
DRAWN RC
CHECKED RL
APPROVED RL

C200



\\DC02\Data\Jobs\ever\32286-01\Production\Civil\Drawings\32286.00-SITE.dwg, 2/7/2025 10:15:18 AM, william lockwood
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T.O. SCREENWALL 124'-0"
T.O. CURTAINWALL 123'-0"
T.O PARAPET 118'-0"
B.O. FRONT CANOPY 112'-0"
LEVEL 1 100'-0"

01 A4.01 ELEVATION- EXTERIOR- SOUTH (FRONT)
1/8" = 1'-0"

T.O. SCREENWALL 124'-0"
T.O. CURTAINWALL 123'-0"
T.O PARAPET 118'-0"
B.O. FRONT CANOPY 112'-0"
LEVEL 1 100'-0"

B.O. REAR CANOPY 114'-0"

02 A4.01 ELEVATION- EXTERIOR- EAST
1/8" = 1'-0"

T.O. SCREENWALL 124'-0"
T.O. CURTAINWALL 123'-0"
T.O PARAPET 118'-0"
B.O. REAR CANOPY 114'-0"
LEVEL 1 100'-0"

B.O. FRONT CANOPY 112'-0"

03 A4.01 ELEVATION- EXTERIOR- WEST
1/8" = 1'-0"

T.O. SCREENWALL 124'-0"
T.O. CURTAINWALL 123'-0"
T.O PARAPET 118'-0"
B.O. REAR CANOPY 114'-0"
LEVEL 1 100'-0"

04 A4.01 ELEVATION- EXTERIOR- NORTH (BACK)
1/8" = 1'-0"

ENVIRONMENTS FOR HEALTH ARCHITECTURE
e4h
888.781.8441 817.226.1917 1311 8th Ave. Fort Worth, TX 76104 e4harchitecture.com
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Beaufort Memorial

DEVELOPER
BOLDT
BOLDT

HOSPITAL
BEAUFORT MEMORIAL

ARCHITECT
E4H ARCHITECTURE
e4h

MEP AND TELE ENGINEER
ENFINITY ENGINEERING LLC
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STRUCTURAL ENGINEER
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**BEAUFORT MEMORIAL**
**BCMH EMERGENCY DEPARTMENT**
**HILTON HEAD ISLAND**
1016 WILLIAM HILTON PKWY
HILTON HEAD ISLAND, SC 29928

DPH PROJECT: 990569
**PROJECT:** 3124103

| # | DATE | DESCRIPTION |
|---|---|---|

DESIGN DEVELOPMENT
02/11/2025

NOT FOR CONSTRUCTION

ANDREW PARDUE 10026

**ORIG SUBMISSION:** -
**CURRENT:**

SHEET TITLE AND NUMBER

**A4.01**

EXTERIOR ELEVATIONS

# EXTERIOR FINISHES

Beaufort Memorial
BLUFFTON COMMUNITY

## Canopy

**Wood-Look**
1. *S22 Oakline Sarante*

**Fascia & ROOF**
2. *Sandstone*

**Column Wraps**
3. *Dark Bronze Anodized*

## Glass

**Cube**
4. *SNR 43*

**Fenestrations**
5. *SNX 62/27*

**Spandrel**
6. SNX 62/27 - *Medium Gray*

## Metals

**Mullions**
7. *Aged Copper*
8. *Light Bronze Anodized*
8a. *Gray (Not Pictured)*

**Panels**
9. *Sandstone*

## Brick

**Gray**
10. *Alpine Gray + Boerum Blend*

**Savannah**
11. *Autumn Blend (Smooth)*

**Green**
12. *Glazed Olive Branch*

# BCMH EMERGENCY DEPARTMENT HILTON HEAD ISLAND

## EXTERIOR FINISHES

**02/11/25**

1016 WILLIAM HILTON PKWY
HILTON HEAD ISLAND, SC 29928


e4h ENVIRONMENTS FOR HEALTH ARCHITECTURE
888.781.8441 817.226.1917 1217 8th Ave, Fort Worth, TX 76104



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| TREE LEGEND | |
|---|---|
| SYMBOL | DESCRIPTION |
| | TREE CANOPY - SPECIMEN |
| +12' | LOWEST LIMB WITH CLEARANCE FROM GRADE |
| | TREE CANOPY |

## EXISTING CONDITIONS REFERENCE NOTES:

1. EXISTING PERVIOUS SURFACE (LANDSCAPE AREAS).
2. EXISTING IMPERVIOUS SURFACE - ASPHALT.
3. ENTRY LANE - ONE WAY.
4. EXIT LANE - ONE WAY.
5. REAR ENTRY - TWO WAY.
6. RECENTLY REDEVELOPED ADJACENT PROPERTY.

N E W

0 10 20 30 40 50 60 70 80

Scale 1 " = 20'

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www.wjkld.com
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THIS SHEET TO SCALE AT: 24"X36"

SITE DEVELOPMENT PLANS
FOR
# BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE
1016 WILLIAM HILTON PARKWAY
HILTON HEAD ISLAND, SOUTH CAROLINA

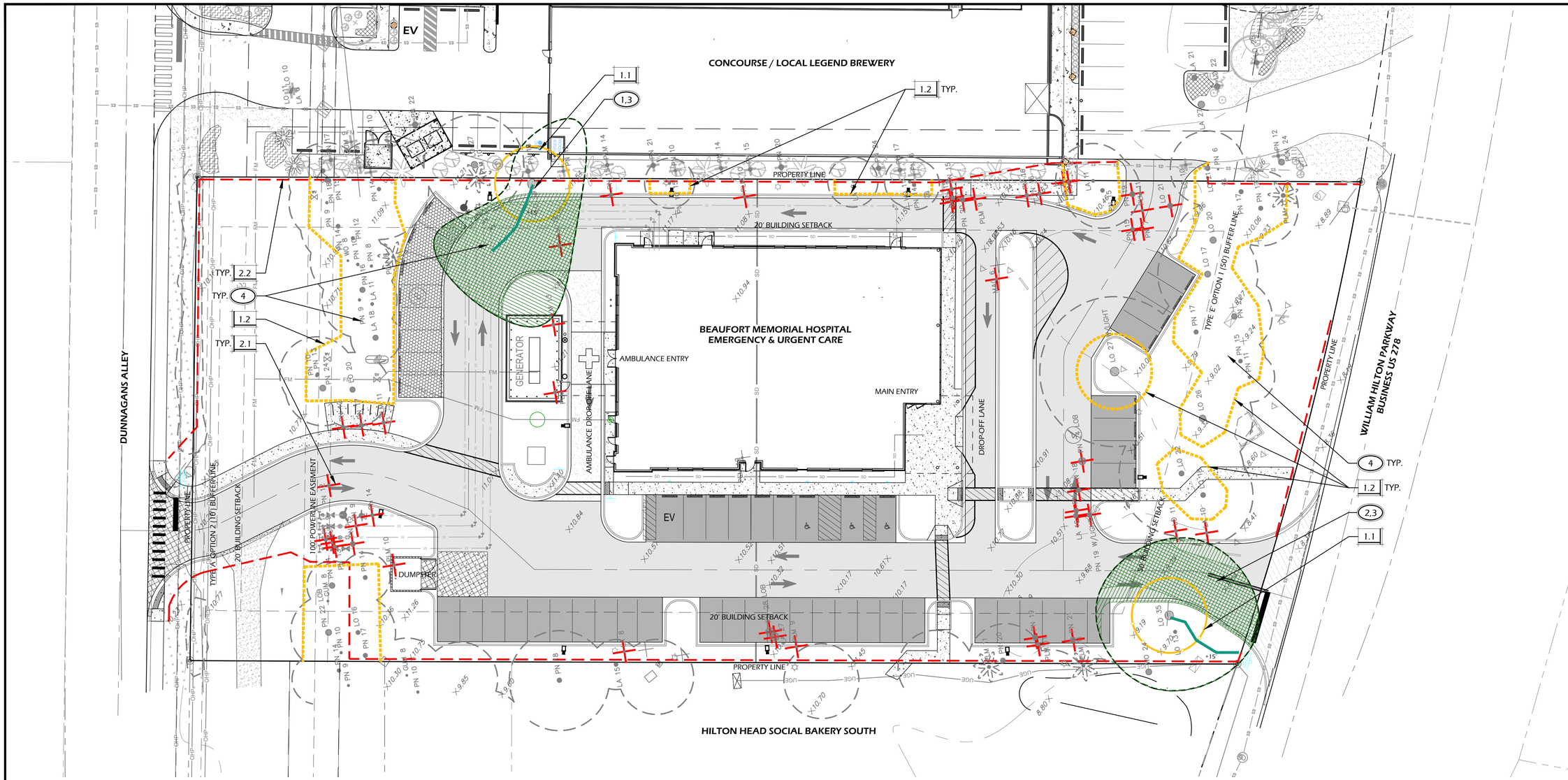
| | |
|---|---|
| DATE: | FEB 11, 2025 |
| PROJECT NO.: | 24127.02 |
| DRAWN BY: | JC |
| CHECKED BY: | JC |

FINAL DRB SUBMITTAL PLAN, NOT FOR CONSTRUCTION

REVISIONS:

DRAWING TITLE
**SITE ANALYSIS PLAN**

DRAWING NUMBER
L00




## PLANT PROTECTION LEGEND

| CALL-OUT | SYMB. | DESCRIPTION | DETAIL |
|---|---|---|---|
| 1.1 | | TREE PROTECTION FENCE - WOOD | 1/L50 |
| 1.2 | | TREE PROTECTION FENCE - ALT (ORANGE) | 1/L50 |

## TREE IMPACT LEGEND

| SYMBOL | DESCRIPTION |
|---|---|
| | TREE CANOPY - SPECIMEN |
| | SPECIMEN TREE IMPACTS - EXISTING |
| | SPECIMEN TREE IMPACTS - PROPOSED |
| +12' | LOWEST LIMB WITH CLEARANCE FROM GRADE |

NOTE: HATCHES ARE GRAPHIC IN NATURE AND ARE NOT INTENDED TO BE TO SCALE.

## SITE DEMOLITION LEGEND

| CALL-OUT | SYMB. | DESCRIPTION |
|---|---|---|
| 2.1 | | TREE TO BE REMOVED - SEE SHEET L500 & L501 FOR MITIGATION |
| 2.2 | | SILT FENCE - SEE CIVIL ENGINEERS PLANS |

NOTE: DEMOLITION HATCHES ARE GRAPHIC IN NATURE AND ARE NOT INTENDED TO BE TO SCALE.

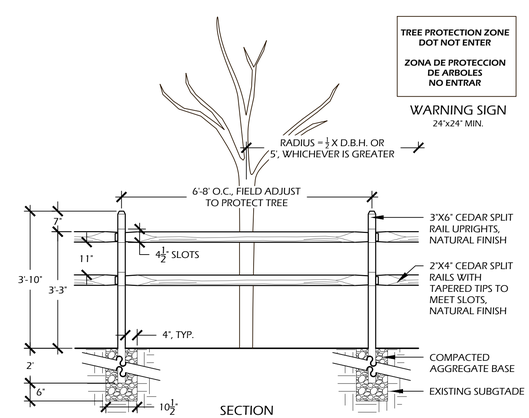
## TREE IMPACT REFERENCE NOTES:

1. SPECIMEN TREE PER TOWN OF HILTON HEAD LAND MANAGEMENT ORDINANCE. LIVE OAK 39" DBH. TOTAL CANOPY: 3040 SF, TOTAL EXISTING IMPERVIOUS: 2170 SF (70%), TOTAL PROPOSED IMPERVIOUS: 1820 SF (60%). REDUCTION OF ASPHALT WITHIN DRIPLINE. IMPACT CONTINUES DUE TO PROXIMITY TO EMERGENCY VEHICLE CIRCULATION AROUND BUILDING.

2. SPECIMEN TREE PER TOWN OF HILTON HEAD LAND MANAGEMENT ORDINANCE. LIVE OAK 35" DBH. TOTAL CANOPY: 3065 SF, TOTAL EXISTING IMPERVIOUS: 1175 SF (38%), TOTAL PROPOSED IMPERVIOUS: 1500 SF (49%). EXPANSION OF PAVEMENT WITHIN DRIPLINE SHALL BE AWAY FROM TRUNK. ADDITIONAL IMPERVIOUS IS FOR CONSOLIDATION OF PROPERTY ACCESS FROM TWO ONE-WAY DRIVEWAYS TO A SINGLE TWO-WAY DRIVEWAY.

3. REVIEW HEALTH OF EXISTING TREE WITH ARBORIST PRIOR TO REMOVAL OF EXISTING PAVEMENT WITHIN DRIP LINE. FOLLOW ARBORISTS INSTRUCTION FOR PAVEMENT REMOVAL TO MINIMIZE DAMAGE TO TREE ROOTS. REPORT ANY CONFLICTS TO LANDSCAPE ARCHITECT. PROVIDE PRE AND POST CONSTRUCTION FERTILIZATION PLAN WITH A MYCOR TREATMENT AND TO BE COMPLETED BY A CERTIFIED ARBORIST.
LIMIT GRADING WITHIN TREE PROTECTION FENCE AREA TO HAND DIGGING, TAKING CARE NOT TO DISTURB ROOTS.

4. SELECTIVE PRUNING AND CANOPY MANAGEMENT OF TREES TO REMAIN. TRIMMING TO BE DONE IN ACCORDANCE WITH ARBORIST RECOMMENDATIONS AND MEETING TOWN OF HILTON HEAD STANDARDS.




ALTERNATIVE FENCING:
BRIGHT ORANGE PLASTIC MESH - 48" HT. WITH REQUIRED SIGNAGE. PER TOWN OF HILTON HEAD LMO SEC. 16-6-104.3

1 | L50 TREE PROTECTION FENCE
SCALE: 1" - 1'-0"

N E W

0 10 20 30 40 50 60 70 80
Scale 1 " = 20'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THIS SHEET TO SCALE AT: 24"X36"

SITE DEVELOPMENT PLANS
FOR
# BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE
1016 WILLIAM HILTON PARKWAY
HILTON HEAD ISLAND, SOUTH CAROLINA

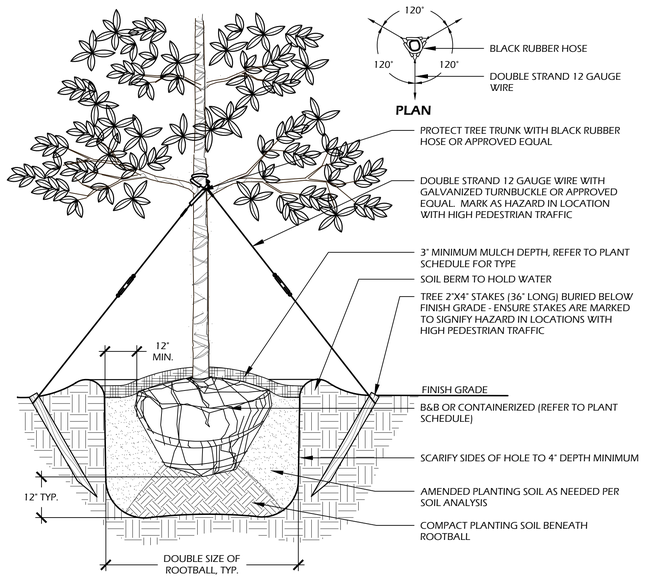
| | |
|---|---|
| DATE: | FEB 11, 2025 |
| PROJECT NO.: | 24127.02 |
| DRAWN BY: | JC |
| CHECKED BY: | JC |

FINAL DRB SUBMITTAL PLAN, NOT FOR CONSTRUCTION

REVISIONS:

DRAWING TITLE
**DEMOLITION PLAN**

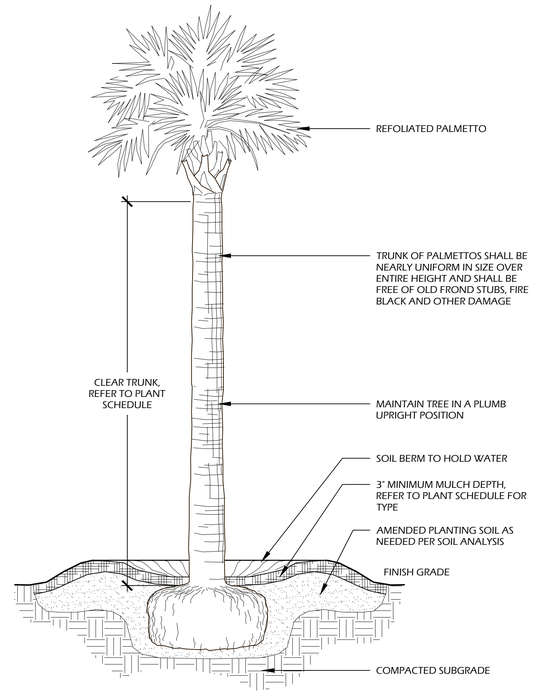
DRAWING NUMBER
L50




**NOTES:**

1. TREE STAKING OPTIONAL, HOWEVER, LANDSCAPE CONTRACTOR RESPONSIBLE FOR MAINTAINING TREES IN AN UPRIGHT (90 DEGREE/ PERPENDICULAR) POSITION FOR 1 YEAR AFTER PLANTING IS COMPLETE OR UNTIL TREE ROOT SYSTEM IS FULLY ESTABLISHED AND STURDY. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER'S REPRESENTATIVE.
2. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
3. IN SEMI-IMPERVIOUS SOIL CONDITIONS, ROOTBALL ELEVATION SHALL BE 2" ABOVE FINISH GRADE. COORDINATE WITH OWNER'S REPRESENTATIVE PRIOR TO SETTING ROOTBALL ELEVATIONS.

1 // L501 TREE PLANTING
SCALE: N.T.S.




**NOTES:**

1. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER OR OWNER'S REPRESENTATIVE.
2. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
3. SABAL PALMETTOS SHALL BE REFOLIATED, PROTECT CABBAGE HEAD FROM DAMAGE.

2 // L501 PALM TREE PLANTING
SCALE: N.T.S.

## PLANT SCHEDULE:

| Quantity | Abbrev | Botanical Name | Common Name | Height | Spread | Container | Cal./Spacing | Notes |
|---|---|---|---|---|---|---|---|---|
| **TREES** | | | | | | | | |
| ** 8 | JUNV | Juniperus virginiana | Eastern Red Cedar | 6'-8' | 2'-3' | Cont. | 1" Cal. Min. | Full to ground |
| * 9 | QUEV | Quercus virginiana | Live Oak | 14'-16' | 6'-8' | Cont. | 4" | Full |
| 4 | QUES | Quercus shumardii | Shumard Oak | 10'-12' | 5'-6' | Cont. | 2" | Full |
| ** 39 | SABP | Sabal palmetto | Cabbage Palm | 12'-16' | - | Cont. | - | Hurricane cut, full clear trunk, refer to plan for heights |
| **UNDERSTORY TREES** | | | | | | | | |
| 3 | MAGS | Magnolia x soulangeana | Saucer Magnolia | 8'-10' | 4'-5' | 30 gal. | 1" Cal. Min. | Full |
| **SHRUBS** | | | | | | | | |
| 9 | AZAM | Azalea indica 'Mrs. G. G. Gerbing' | Mrs. G. G. Gerbing Azalea | 30"-36" | 24"-30" | 7 gal. | - | Full |
| 79 | DICG | Distylium 'Cinnamon Girl' ('PIDIST-V' PP27,631) | Cinnamon Girl Distylium | 12"-24" | 12"-24" | 3 gal. | - | Full |
| 19 | GARA | Gardenia jasminoides 'August Beauty' | August Beauty Gardenia | 30"-36" | 24"-30" | 7 gal. | - | Full |
| 59 | ILLP | Illicium parviflorum | Yellow Anise | 30"-36" | 24"-30" | 7 gal. | - | Full |
| 23 | LORC | Loropetalum chinense 'Chang Nian Hong' | Ever Red Fringe Flower | 30"-36" | 24"-30" | 7 gal. | - | Full |
| 90 | PODM | Podocarpus macrophylus | Podocarpus | 30"-36" | 18"-24" | 7 gal. | - | Full |
| 28 | PODP | Podocarpus macrophyllus 'Pringles Dwarf' | Dwarf Podocarpus | 18"-24" | 16"-20" | 7 gal. | - | Full |
| 8 | RORA | Rosa x 'Radtkopink' | Pink Double Knock Out Rose | 18"-24" | 18"-24" | 7 gal. | - | Full, Pink Flowers |
| **ORNAMENTAL GRASSES & FERNS** | | | | | | | | |
| 137 | MUHC | Muhlenbergia capillaris | Pink Muhly Grass | 14"-16" | 10"-16" | 1 gal. | 30" O.C. | Full |
| **GROUND COVERS, VINES & PERENNIALS** | | | | | | | | |
| 42 | ASPE | Aspidistra elatior | Cast Iron Plant | 12"-18" | 8"-12" | 1 gal. | 24" O.C. | Full |
| 20 | DIEB | Dietes bicolor | Yellow African Iris | 12"-18" | 8"-12" | 1 gal. | 24" O.C. | Full |
| 311 | LIRM | Liriope muscari 'Big Blue' | Big Blue Liriope | 12"-16" | 8"-12" | 1 gal. | 18" O.C. | Full |
| 66 | TRAJ | Trachelospermum jasminoides | Confederate jasmine | 4"-6" | 12" runners | 1 gal. | 36" O.C. | Full |
| **SOD & MULCH** | | | | | | | | |
| 7400 | SOD-SF | - | Empire Zoysia Sod | - | - | - | - | - |
| 4000 | SEED-SF | - | Bahia Grass Seed | - | - | - | - | - |
| 20000 | MULCH-SF | Pine Straw - all disturbed areas | Pine Straw | - | - | - | - | - |

## PLANT TABLE:

**Trees Removed**

| | CAT. I | | | CAT. II | CAT. III | | |
|---|---|---|---|---|---|---|---|
| Species Abbrev. | LO | LA | MAG | GUM | PLM | PN | PN LOB |
| Caliper Inches | 21 | 7 | 6 | 9 | 11 | 12 | 28 |
| | 11 | 8 | | | 10 | 17 | 24 |
| | | 10 | | | 12 | 12 | |
| | | 10 | | | 13 | 13 | |
| | | 27 | | | 12 | 15 | |
| | | 16 | | | 10 | 9 | |
| | | | | | 9 | 14 | |
| | | | | | 11 | 13 | |
| | | | | | 11 | 15 | |
| | | | | | | 15 | |
| | | | | | | 15 | |
| | | | | | | 8 | |
| | | | | | | 20 | |
| | | | | | | 16 | |
| | | | | | | 16 | |
| | | | | | | 15 | |
| | | | | | | 7 | |
| | | | | | | 19 | |
| | | | | | | 19 | |
| | | | | | | 21 | |
| | | | | | | 19 | |
| | | | | | | 18 | |
| | | | | | | 19 | |
| Species DBH Totals | 32 | 78 | 6 | 9 | 99 | 347 | 52 |
| Total DBH Inches Per CAT | 116 | | | 9 | 498 | | |

**TREE LEGEND: LO**-Live Oak, **LA**-Laurel Oak, **MAG**-Magnolia, **GUM**-Sweet Gum, **WO**-Water Oak, **PLM**-Palmetto, **PN**-Pine, **PN LOB**-Loblolly Pine

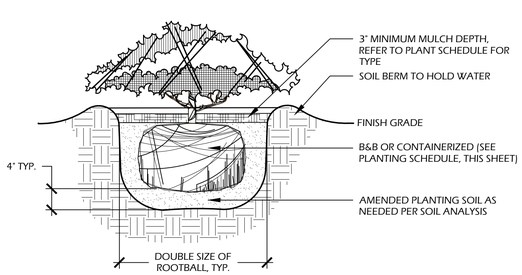
**Tree Mitigation Calculations**

| | CAT. I | CAT. II | CAT. III |
|---|---|---|---|
| # OF TREES TO BE REMOVED | 9 | 1 | 34 |
| TOTAL # OF DBH INCHES | 116 | 9 | 498 |
| CALCULATION | 116 ÷ 10 = 11.6 | 9 ÷ 10 = 0.9 | 498 ÷ 10 = 49.8 |
| # OF NEW TREES REQUIRED | **12** | **1** | **50** |
| # OF NEW TREES PROVIDED | **12** | **1** | **50** |

**NOTE:**

CAT. I AND CAT. II TREE MITIGATION SATISFIED BY PLANTING OF 9 LIVE OAKS (QUEH) PER TOWN NATURAL RESOURCE OFFICER.
SEE PLANT SCHEDULE - *

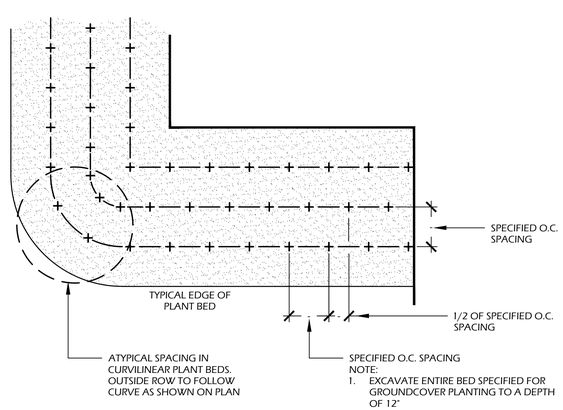
CAT. III AND CAT. IV MITIGATION SATISFIED BY PLANTING OF 39 SABAL PALMETTO (SABP), AND 8 EASTERN RED CEDAR (JUNV) PER TOWN NATURAL RESOURCE OFFICER.
SEE PLANT SCHEDULE - **



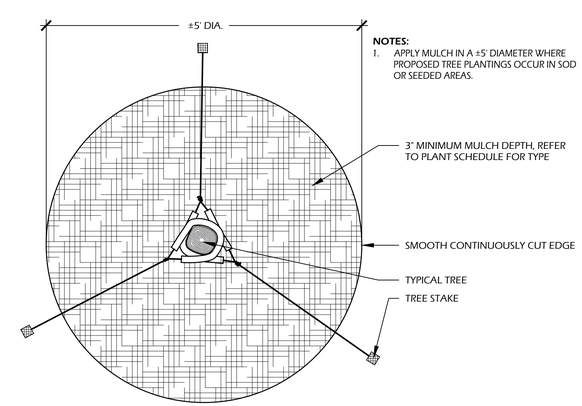

**NOTES:**

1. WHEN GROUNDCOVERS AND SHRUBS ARE USED IS MASSES, ENTIRE BED TO BE EXCAVATED TO RECEIVE PLANTING SOIL AND PLANT MATERIAL.
2. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
3. IN SEMI-IMPERVIOUS SOIL CONDITIONS, ROOTBALL ELEVATION SHALL BE ±2" ABOVE FINISH GRADE. COORDINATE WITH OWNER'S REPRESENTATIVE PRIOR TO SETTING ROOTBALL ELEVATIONS.

3 // L501 SHRUB PLANTING
SCALE: N.T.S.




4 // L501 GROUND COVER PLANTING
SCALE: N.T.S.




**NOTES:**

1. APPLY MULCH IN A ±5' DIAMETER WHERE PROPOSED TREE PLANTINGS OCCUR IN SOD OR SEEDED AREAS.

5 // L501 TREE STAKING
SCALE: N.T.S.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THIS SHEET TO SCALE AT: 24"X36"

SITE DEVELOPMENT PLANS
FOR
# BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE
1016 WILLIAM HILTON PARKWAY
HILTON HEAD ISLAND, SOUTH CAROLINA

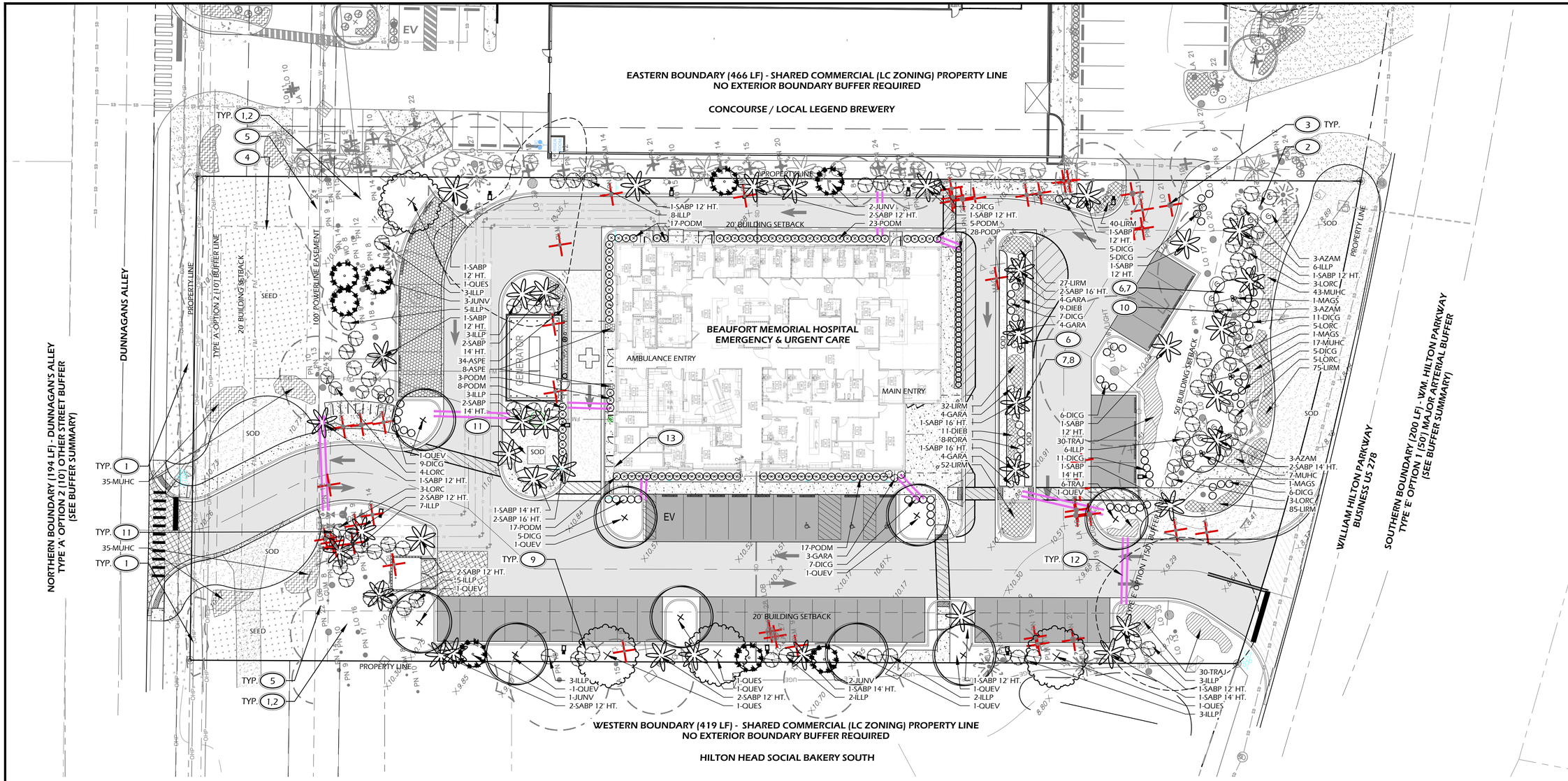
| | |
|---|---|
| DATE: | FEB 11, 2025 |
| PROJECT NO.: | 24127.02 |
| DRAWN BY: | JC |
| CHECKED BY: | JC |

FINAL DRB SUBMITTAL PLAN, NOT FOR CONSTRUCTION

REVISIONS:

DRAWING TITLE
**PLANT SCHEDULE AND DETAILS**

DRAWING NUMBER
L501




## PLANTING DETAILS

| CALL-OUT | DESCRIPTION | DETAIL |
|---|---|---|
| 14.1 | TREE PLANTING | 1/L501 |
| 14.2 | PALM TREE PLANTING | 2/L501 |
| 14.3 | SHRUB PLANTING | 3/L501 |
| 14.4 | GROUND COVER PLANTING | 4/L501 |
| 14.5 | ROOT BARRIER | — |

## PLANT KEY LEGEND

| Abbrev | Botanical Name | Common Name |
|---|---|---|
| **TREES** | | |
| JUNV | Juniperus virginiana | Eastern Red Cedar |
| QUEV | Quercus virginiana | Live Oak |
| QUES | Quercus shumardii | Shumard Oak |
| SABP | Sabal palmetto | Cabbage Palm |
| **UNDERSTORY TREES** | | |
| MAGS | Magnolia x soulangeana | Saucer Magnolia |
| **SHRUBS** | | |
| AZAM | Azalea indica 'Mrs. G. G. Gerbing' | Mrs. G. G. Gerbing Azalea |
| DICG | Distylium 'Cinnamon Girl' ('PIIDIST-V' PP27,631) | Cinnamon Girl Distylium |
| GARA | Gardenia jasminoides 'August Beauty' | August Beauty Gardenia |
| ILLP | Illicium parviflorum | Yellow Anise |
| LORC | Loropetalum chinense 'Chang Nian Hong' | Ever Red Fringe Flower |
| PODM | Podocarpus macrophyllus | Podocarpus |
| PODP | Podocarpus macrophyllus 'Pringles Dwarf' | Dwarf Podocarpus |
| RORA | Rosa x 'Radtkopink' | Pink Double Knock Out Rose |

| Abbrev | Botanical Name | Common Name |
|---|---|---|
| **ORNAMENTAL GRASSES & FERNS** | | |
| MUHC | Muhlenbergia capillaris | Pink Muhly Grass |
| **GROUND COVERS, VINES & PERENNIALS** | | |
| ASPE | Aspidistra elatior | Cast Iron Plant |
| DIEB | Dietes bicolor | Yellow African Iris |
| LIRM | Liriope muscari 'Big Blue' | Big Blue Liriope |
| TRAJ | Trachelospermum jasminoides | Confederate jasmine |
| **SOD & MULCH** | | |
| SOD-SF | - | Empire Zoysia Sod |
| SEED-SF | - | Bahia Grass Seed |
| MULCH-SF | Pine Straw - all disturbed areas | Pine Straw |

## PLANTING REFERENCE NOTES:

1. EXISTING VEGETATION TO REMAIN.
2. EXISTING TREES TO REMAIN.
3. EXISTING TREES TO BE REMOVED.
4. EXISTING OVERHEAD UTILITY LINE TO REMAIN. DO NOT DISTURB. NO TREES SHALL BE PLANTED UNDER THIS LINE.
5. SELECTIVELY THIN AND UNDERBRUSH, REMOVE DEAD LIMBS AND PINE STRAW DISTURBED AREAS ± 15' ALONG BED EDGE.
6. STAKE TREES IN THIS AREA FOR REVIEW BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
7. STAKE TYPICAL SHRUB LAYOUT IN THIS AREA PRIOR TO INSTALLATION.
8. ALIGN ALL PALM TREES, AT FRONT OF BUILDING, WITH BUILDING COLUMNS.
9. ALL PARKING LOT MEDIAN PLANTINGS SHALL BE 12"-18" OFF EDGE OF ROAD / PARKING AREA AT TIME OF MATURITY.
10. CAREFULLY EXCAVATE SHRUB PITS IN VICINITY OF EXISTING TREES, WITHOUT DISTURBING TREE ROOTS.
11. COORDINATE SHRUB AND PALM LAYOUT WITH EXISTING UTILITIES. REPORT ANY CONFLICTS TO LANDSCAPE ARCHITECT.
12. PROVIDE 2-2" P.V.C. CONDUIT FOR IRRIGATION. LAYOUT BY LANDSCAPE / IRRIGATION CONTRACTOR.
13. COORDINATE IRRIGATION CONTROLLER LOCATION WITH CIVIL ENGINEER.

## BUFFER SUMMARY:

**NORTHERN BOUNDARY (194 LF) - DUNNAGAN'S ALLEY**
**20' ADJACENT STREET SETBACK - OTHER STREET**
**TYPE 'A' OPTION 2 (10') OTHER STREET BUFFER:**

OVERSTORY TREES: 2 TREES PER 100 LF - **4 TREES REQUIRED**
UNDERSTORY TREES: 4 TREES PER 100 LF - **8 TREES REQUIRED**
EVERGREEN SHRUBS: 10 SHRUBS PER 100 LF - **19 SHRUBS REQUIRED**

**SATISFYING BUFFER REQUIREMENT TO GREATEST EXTENT POSSIBLE WITHIN SANTEE COOPER REGULATIONS**

**EASTERN BOUNDARY (466 LF) - SHARED COMMERCIAL (LC ZONING) PROPERTY LINE**
**20' ADJACENT USE SETBACK**
**NO EXTERIOR BOUNDARY BUFFER REQUIRED**

**SOUTHERN BOUNDARY (200 LF) - WM. HILTON PARKWAY**
**50' ADJACENT STREET SETBACK - MAJOR ARTERIAL**
**TYPE 'E' OPTION 1 (50') MAJOR ARTERIAL BUFFER:**

OVERSTORY TREES: 4 TREES PER 100 LF - **8 TREES REQUIRED (8 EXISTING)**
UNDERSTORY TREES: 5 TREES PER 100 LF - **10 TREES REQUIRED (1 EXISTING, 9 PROPOSED)**
EVERGREEN SHRUBS: 20 SHRUBS PER 100 LF - **40 SHRUBS REQUIRED**

**WESTERN BOUNDARY (419 LF) - SHARED COMMERCIAL (LC ZONING) PROPERTY LINE**
**20' ADJACENT USE SETBACK**
**NO EXTERIOR BOUNDARY BUFFER REQUIRED**

N E S W

0 10 20 30 40 50 60 70 80
Scale 1 " = 20'

Winter Jones Heefer Ltd.
landscape architecture
land planning
www.wjkld.com
22 Promenade Street, Suite 201 | Bluffton, South Carolina | 29910 | ph 843.757.7411

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THIS SHEET TO SCALE AT: 24"X36"

# SITE DEVELOPMENT PLANS FOR BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

1016 WILLIAM HILTON PARKWAY
HILTON HEAD ISLAND, SOUTH CAROLINA

| | |
|---|---|
| DATE: | FEB 11, 2025 |
| PROJECT NO.: | 24127.02 |
| DRAWN BY: | JC |
| CHECKED BY: | JC |

FINAL DRB SUBMITTAL PLAN, NOT FOR CONSTRUCTION

REVISIONS:

DRAWING TITLE
**PLANTING PLAN**

DRAWING NUMBER
L500

THE LINE SHOWN ABOVE IS EXACTLY ONE HORIZONTAL INCH ON ORIGINAL ARCHITECT'S DRAWINGS

## LIGHT FIXTURE SCHEDULE

| TYPE | MANUFACTURER | CATALOG NUMBER | ELECTRICAL DATA | LAMP | MOUNTING | DESCRIPTION |
|---|---|---|---|---|---|---|
| T2 | LITHONIA | DSX1 LED-P1-40K-70CRI-T2M-MVOLT-SPA-EGSR | 120 V/1-51 VA | LED | POLE | LED, SITE LIGHT, SINGLE HEAD, 30' POLE, TYPE 2 DIST, EXTERNAL GLARE SHIELD, FINISH SELECTED BY ARCHITECT |
| T3 | LITHONIA | DSX1 LED-P1-40K-70CRI-BLC3-MVOLT-SPA-EGSR | 120 V/1-51 VA | LED | POLE | LED, SITE LIGHT, SINGLE HEAD, 17' 6" POLE, TYPE 3 DIST, EXTERNAL GLARE SHIELD ,FINISH SELECTED BY ARCHITECT |
| T4 | LITHONIA | DSX1 LED-P1-40K-70CRI-BLC4-MVOLT-SPA-EGSR | 120 V/1-51 VA | LED | POLE | LED, SITE LIGHT, SINGLE HEAD, 17' 6" POLE, TYPE 4 DIST, EXTERNAL GLARE SHIELD ,FINISH SELECTED BY ARCHITECT |

| | MINIMUM | MAXIMUM | AVERAGE | MAX:MIN | AVG:MIN |
|---|---|---|---|---|---|
| PARKING | 0.6 FC | 5.8 FC | 2.3 FC | 9.6:1 | 3.8:1 |
| PROPERTY LINE | 0.0 FC | 0.1 FC | 0.0 FC | | |

# D-Series Size 1
LED Area Luminaire

Catalog Number
Notes
Type

d*series

BAA

### Specifications

EPA: 0.69 ft² (0.06 m²)
Length: 32.71" (83.1 cm)
Width: 14.26" (36.2 cm)
Height H1: 7.88" (20.0 cm)
Height H2: 2.73" (6.9 cm)
Weight: 34 lbs (15.4 kg)

### Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

### Ordering Information

**EXAMPLE:** DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

**DSX1 LED**

| Series | Optics | Color Temperature | Color Rendering Index | Distribution | | Voltage | Mounting |
|---|---|---|---|---|---|---|---|
| DSX1 LED | **Forward optics** | (this section 70CRI only) | | AFR Asymmetric Front Throw | T5M Type V medium | MVOLT (120V-277V) [1] | **Shipped included** |
| | P1 P6 | 30K 3000K | 70CRI | T1S Type I short | T5LG Type V low glare | HVOLT (347V-480V) [2] | SPA Square pole mounting (RB drilling) |
| | P2 P7 | 40K 4000K | 70CRI | T2M Type II medium | T5W Type V wide | XVOLT (277V - 480V) [2,3] | RPA Round pole mounting (RB drilling) |
| | P3 P8 | 50K 5000K | 70CRI | T3M Type III medium | BLC3 Type III backlight control [4] | 120 [5,6] | SPA15 Square pole mounting (15 drilling) [7] |
| | P4 P9 | (this section BOCR only, extended lead times apply) | | T3LG Type III low glare [1] | BLC4 Type IV backlight control [4] | 208 [5,6] | RPA15 Round pole mounting (15 drilling) [7] |
| | P5 | | | T4M Type IV medium | LCCO Left corner cutoff [1] | 240 [5,6] | SPA90L Square narrow pole mounting (RB drilling) |
| | **Rotated optics** | 27K 2700K | 80CRI | T4LG Type IV low glare [1] | RCCO Right corner cutoff [1] | 277 [5,6,8] | WRA Wall bracket [9] |
| | P10 [1] P12 [1] | 30K 3000K | 80CRI | T5FTM Forward throw medium | | 347 [5,6] | MA Mast arm adapter (mounts on 2 3/8" OD horizontal tenon) |
| | P11 [1] P13 [1] | 35K 3500K | 80CRI | | | 480 [5,6] | |
| | | 40K 4000K | 80CRI | | | | |
| | | 50K 5000K | 80CRI | | | | |

| Control Options | | Other Options | | Finish (required) |
|---|---|---|---|---|
| **Shipped installed** | PER7 Seven-pin receptacle only (controls ordered separately) [10,11] | **Shipped installed** | | DDBXD Dark Bronze |
| NLTAIR2 PIRHN ea. light AirFit gen 2 enabled with bi-level motion / ambient sensor, 8–40' mounting height, ambient sensor enabled at 3fc. [12,13,14,15] | PER NEMA twist-lock receptacle only (controls ordered separately) [10] | SPD20KV 20kV surge protection | | DBLXD Black |
| PIR High/low, motion/ambient sensor, 8–40' mounting height, ambient sensor enabled at 3fc. [12,13,14,15] | PERS Five-pin receptacle only (controls ordered separately) [10,11] | HS Houseside shield (black finish standard) [16] | | DNAXD Natural Aluminum |
| PER NEMA twist-lock receptacle only (controls ordered separately) [10] | FAO Field adjustable output [1,17] | LWR Left rotated optics [1] | | DWHXD White |
| PERS Five-pin receptacle only (controls ordered separately) [10,11] | BL30 Bi-level switched dimming, 30% [18,19] | RPO Right rotated optics [1] | | DDBTXD Textured dark bronze |
| | BL50 Bi-level switched dimming, 50% [18,19] | CCE Coastal Construction [20] | | DBLBXD Textured black |
| | DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) [1] | HA 50°C ambient operation [21] | | DNATXD Textured natural aluminum |
| | DS Dual switching [18,19,22] | BAA "Buy American Act" Compliant | | DWHGXD Textured white |
| | | SF Single fuse (120, 277, 347V) [23] | | |
| | | DF Double fuse (208, 240, 480V) [23] | | |
| | | **Shipped separately** | | |
| | | EGSR External Glare Shield (reversible, field install required, matches housing finish) | | |
| | | BSDB Bird Spikes (field install required) | | |



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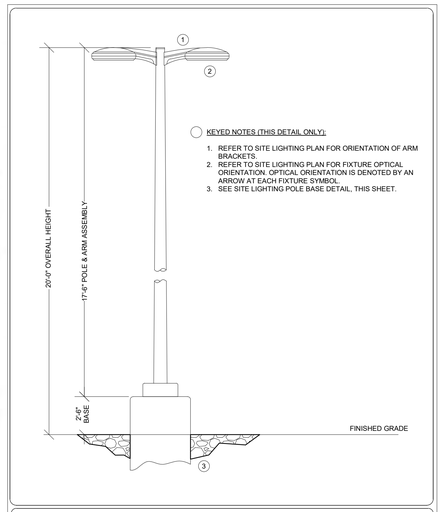



KEYED NOTES (THIS DETAIL ONLY):

1. REFER TO SITE LIGHTING PLAN FOR ORIENTATION OF ARM BRACKETS.
2. REFER TO SITE LIGHTING PLAN FOR FIXTURE OPTICAL ORIENTATION. OPTICAL ORIENTATION IS DENOTED BY AN ARROW AT EACH FIXTURE SYMBOL.
3. SEE SITE LIGHTING POLE BASE DETAIL, THIS SHEET.

**EXTERIOR LIGHTING FIXTURES**
**FIXTURE & POLE ASSEMBLY ELEVATION**
SCALE: NONE

### Ordering Information

#### Accessories

Ordered and shipped separately.

DLL127F 1.5 JU — Photocell - SSL twist-lock (120-277V) [24]
DLL347F 1.5 CUL JU — Photocell - SSL twist-lock (347V) [24]
DLL480F 1.5 CUL JU — Photocell - SSL twist-lock (480V) [24]
SVS40R1GM — Shorting cap [1]
DSHS/SV — House-side shield (retrofit-compatible version of HS) [16]
DSHSPA (finish) — Round pole adapter (RB drilling; specify finish)
DSSPA15 (finish) — Square pole adapter (15 drilling; specify finish)
DSSPA90 (finish) — Round pole adapter (90 drilling; specify finish)
DSFA1SQSM (finish) — Frontmast square shield (specify finish)
DSLA1BSQSM (finish) — Wall spike adornment bracket (specify finish)

NOTES

1 Rotated optics available with packages P10, P11, P12 and P13. Must be combined with option LWR or RPO.
2 120, 208, and 240 available in 70CRI and BOCRI. 277 and 347 only available with BOCRI. Contact Technical Support for other possible combinations.
3 LCCO, T4LG, BLC3, BLC4, LCCO, RCCO not available in XVOLT option HS.
4 T3LG, T4LG, BLC3, BLC4, LCCO, RCCO not available with 50CRI CCE option.
5 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
6 HVOLT not available with package P1 and P10 when combined with option NLTAIR2 PIRHN or option PIR.
7 Not available with Rotated Optics (P10, P11, P12, P13) or Forward Throw.
8 XVOLT not available in packages P1 or P10. XVOLT not available with fusing (SF or DF).
9 SPA5 and RPA5 for use with #5 drilling only (Not for use with #8 drilling).
10 HIRA cannot be combined with Type 5 distributions plus photocell (PER).
11 NLTAIR2 and PIRHN must be ordered together. For more information on nLight AIR2 visit this link.
12 PER, PER7, PER5, PER NEMA twist-lock receptacle only, PERS, PER7S, PER5S, FAO, BL30, BL50, DMG and DS. NLTAIR2 PIRHN not available with P1 and P10 using HVOLT. NLTAIR2 PIRHN not available with T1 and P10 using HVOLT.
13 PIR not available with NLTAIR2 PIRHN, PER, PERS, PER7, PER7S, FAO, BL30, BL50, DMG and DS. PIR not available with P1 and P10 using HVOLT. PIR not available in 347V or 480V.
14 PER/PERS/PER7 not available with NLTAIR2 PIRHN, PIR, BL30, BL50, FAO, DMG and DS. Photocell ordered and shipped as a separate line item from Acuity Brands. See Accessories. Not compatible with 347V or 480V.
15 FAO not available with other dimming control options NLTAIR2 PIRHN, PIR, PERS, PER7, BL30, BL50, DMG and DS.
16 BL30 and BL50 are not available with NLTAIR2 PIRHN, PIR, PER, PERS, PER7, FAO, DMG and DS. BL30 or BL50 must specify 120, 277 or 347V. Consult factory for availability of BL30 or BL50 with 480V.
17 DMG not available with NLTAIR2 PIRHN, PIR, PER, PERS, PER7, BL30, BL50, FAO and DS.
18 DS not available with NLTAIR2 PIRHN, PIR, PER, PERS, PER7, BL30, BL50, FAO and DMG.
19 DS requires 2 independently switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P1, P2, P3, P4, P5, P6, P7, P8 and P9.
20 Reference Coastal Construction Sensor Default Settings table on page 4 to see functionality.
21 Reference Controls Options table on page 4.
22 HS not available with T3LG, T4LG, BLC3, BLC4, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
23 CCE option not available with option BL30 and BL50. Contact Technical Support for availability.
24 Photocell not available with option DS. Specify Photocell: P1, P2, P3, P4 and P13.
25 Requires luminaire to be specified with PER, PERS or PER7 option. See Controls Table on page 4.
26 Single fuse (SF) requires 120V, 277V, or 347V. Double fuse (DF) requires 208V, 240V or 480V. XVOLT not available with fusing (SF or DF).

### Shield Accessories

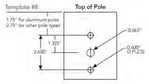
External Glare Shield (EGSR)

House Side Shield (HS)

### Drilling

**HANDHOLE ORIENTATION**

Template #8:




### Tenon Mounting Slipfitter

| Tenon O.D. | Mounting | Slip fit 1 | 2 @ 180 | 3 @ 90 | 2 @ 90 | 3 @120 | 4 @ 90 |
|---|---|---|---|---|---|---|---|
| 2-3/8" | RPA | ASI-5-190 | ASI-5-280 | ASI-5-290 | ASI-5-390 | ASI-5-320 | ASI-5-490 |
| 2-7/8" | RPA | AST25-190 | AST25-280 | AST25-290 | AST25-390 | AST25-320 | AST25-490 |
| 4" | RPA | AST35-190 | AST35-280 | AST35-290 | AST35-390 | AST35-320 | AST35-490 |

| Mounting Options | Shipping Weight (lbs) | 1 (Ref) | 2 @ 180 | 3 @ 90 | 2 @ 90 | 3 @120 | 4 @ 90 |
|---|---|---|---|---|---|---|---|
| Head Location | | Side B | Side B & D | Side B & C | Side B, C & D | Round Pole Only | Side A, B, C & D |
| Drill Nomenclature | #8 | DM19AS | DM28AS | DM29AS | DM39AS | DM32AS | DM49AS |
| Requests Hangtights Regardless Pole Dimensions | | | | | | | |
| SPA | #8 | 3.5" | 3.5" | 3.5" | 3.5" | | 3.5" |
| RPA | #8 | 3" | 3" | 3" | 3" | 3" | 3" |
| SPA5 | #5 | 3" | 3" | 3" | 3" | | 3" |
| RPA5 | #5 | 3" | 3" | 3" | 3" | 3" | 3" |
| SPA90 | #8 | 3" | 3" | 3" | 3" | | 3" |

### DSX1 Area Luminaire - EPA

*Excludes luminaire and integral mounting arm. Either tenons, arms, brackets or other accessories are not included in this EPA data.

| Tenon/Bracket/Pole Mounting Configuration | 1 @0 (SM19) | 1 @ 180 (SM28) | 2 @ 90 (SM29) | 3 @ 90 (SM39) | 2 @ 120° (SM32) | 4 @ 90 (SM49) |
|---|---|---|---|---|---|---|
| Mounting Type | | | | | | |
| DSX1 with SPA | 0.69 | 1.38 | 1.23 | 1.54 | — | 1.58 |
| DSX1 with SPA5, SPA90X | 0.70 | 1.40 | 1.30 | 1.66 | — | 1.68 |
| DSX1 with RPA, RPA5 | 0.70 | 1.40 | 1.30 | 1.66 | 1.48 | 1.68 |
| DSX1 with AA | 0.83 | 1.66 | 1.30 | 2.09 | 2.09 | 2.09 |



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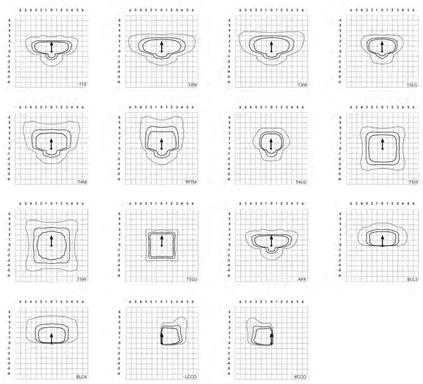
### Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's

Isofootcandle plots for the DSX1 LED P9 40K 70CRI. Distances are in units of mounting height (25').

LEGEND
0.1 fc
0.5 fc
1.0 fc



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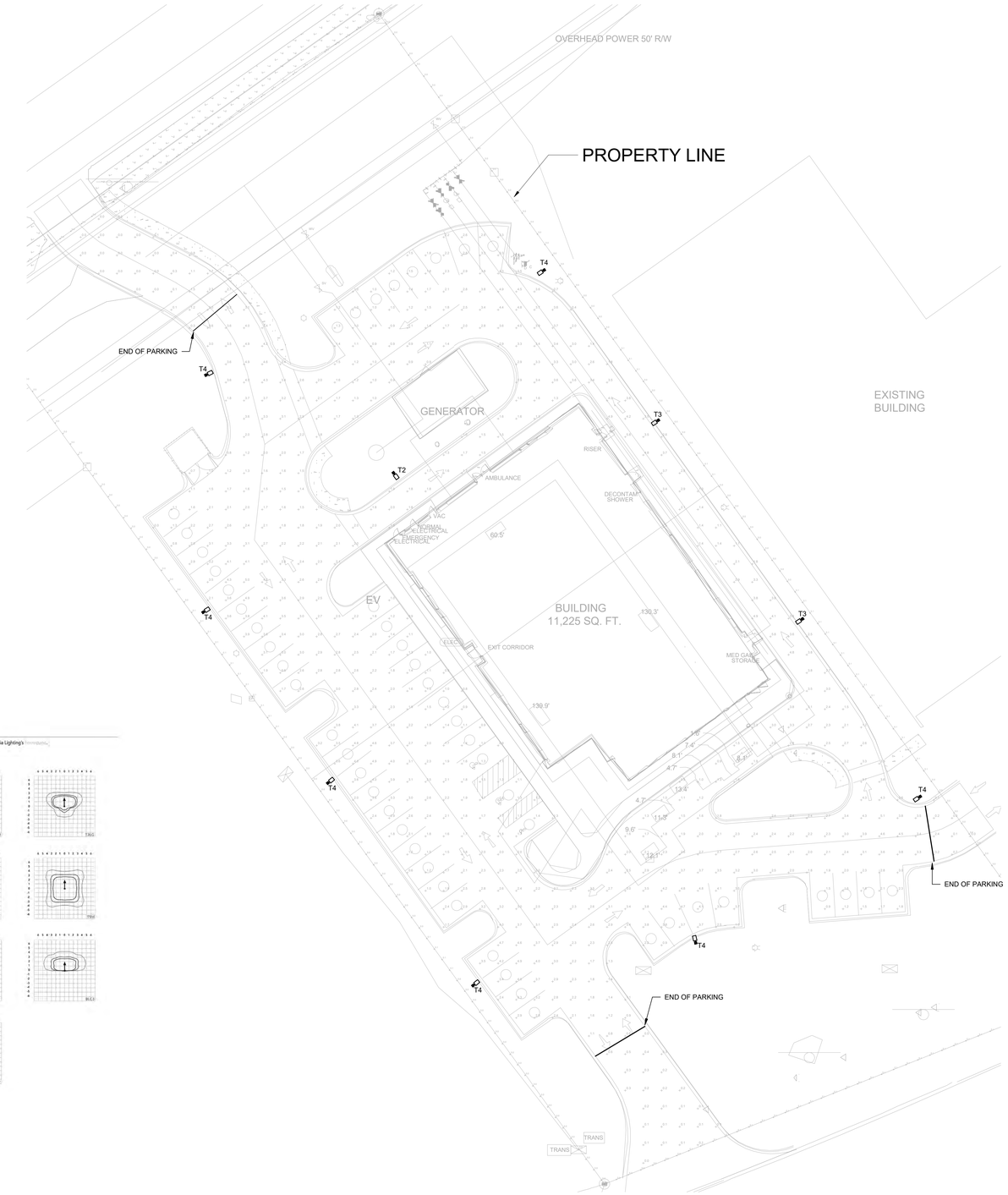



1 / E0.05 ELECTRICAL - SITE PLAN - PHOTOMETRICS
1" = 20'-0"


ENVIRONMENTS FOR HEALTH ARCHITECTURE
e4h

enfinity engineering
CityPark Building 6
214 Centerview Drive, Suite 200
Brentwood, Tennessee 37027
Phone: 615.377.0093
Enfinity Project # TBD
FL Engineering Certificate of Authority No. 27378

MPE ENGINEER
EFINITY ENGINEERING, LLC
214 CENTERVIEW DR
SUITE 200
615.377.0093


**BEAUFORT MEMORIAL HOSPITAL**
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
HILTON HEAD ISLAND, SC 29928
PROJECT:

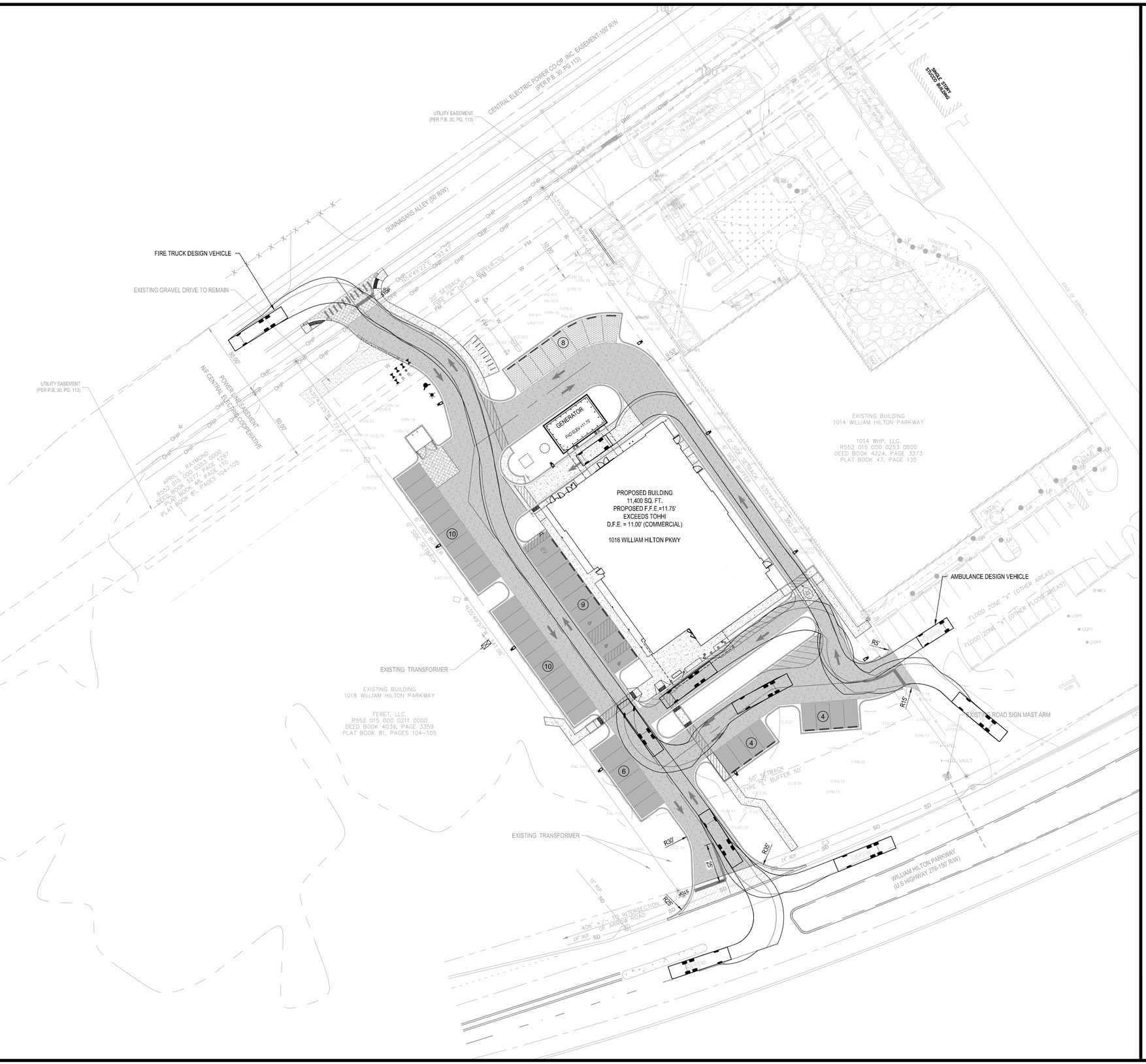
| Δ | DATE | DESCRIPTION |
|---|---|---|

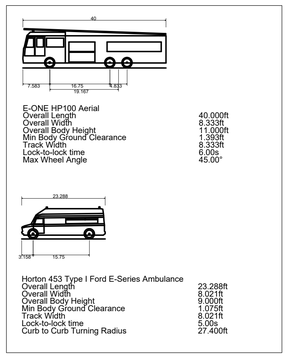
ORIG SUBMISSION: 10/09/24
CURRENT:

SHEET TITLE AND NUMBER:

**E0.05**

ELECTRICAL- SITE PLAN - PHOTOMETRICS




E-ONE HP100 Aerial

| | |
|---|---|
| Overall Length | 40.000ft |
| Overall Width | 8.333ft |
| Overall Body Height | 11.000ft |
| Min Body Ground Clearance | 1.395ft |
| Track Width | 8.333ft |
| Lock-to-lock time | 6.00s |
| Max Wheel Angle | 45.00° |

Horton 453 Type I Ford E-Series Ambulance

| | |
|---|---|
| Overall Length | 23.288ft |
| Overall Width | 8.021ft |
| Overall Body Height | 9.000ft |
| Min Body Ground Clearance | 1.075ft |
| Track Width | 8.021ft |
| Lock-to-lock time | 5.00s |
| Curb to Curb Turning Radius | 27.400ft |

DESIGN VEHICLES

Know what's below. Call before you dig.

N

STATE PLANE

0 30' 60'

SCALE: 1" = 30'

PROJECT DATUM INFORMATION:

HORIZONTAL DATUM: SC83IF
VERTICAL DATUM: NAVD88

SOUTH CAROLINA DAVIS & FLOYD, INC No. C00538 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 28235 RYAN C. LIGHTSEY


DAVIS & FLOYD
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222


OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE
CIRCULATION PLAN

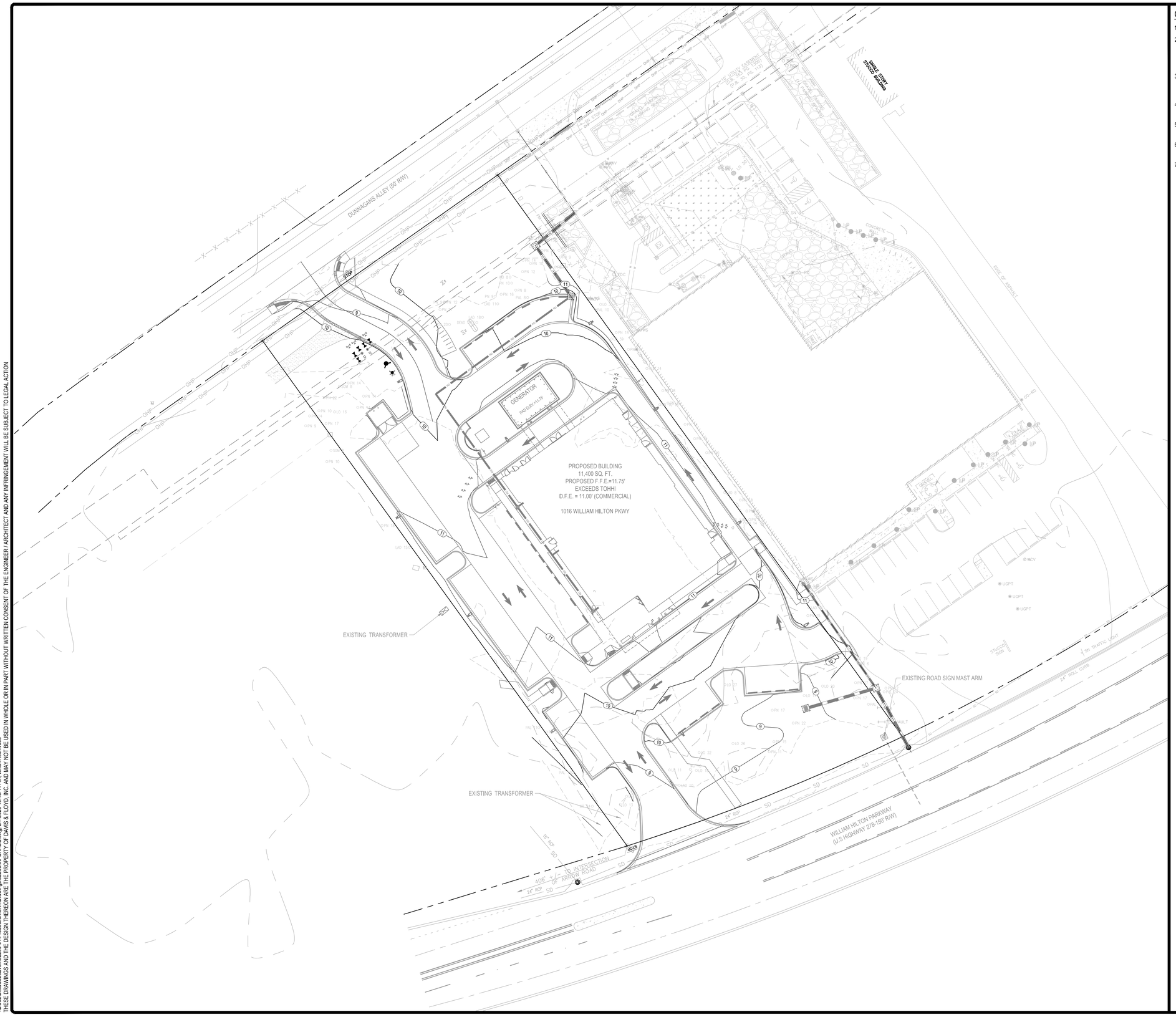
| NO. | RELEASED | CHECKED | DATE |
|---|---|---|---|
| | | | |

JOB NO. 32286.00
DATE 02/07/2025
DESIGNED RC
DRAWN RC
CHECKED RL
APPROVED RL

C210

PAGE 5 OF 23


\\DC02\Data\Jobs\Event\32286-01\Production\Civil\Drawings\32286.00-SITE.dwg, 2/7/2025 10:21:16 AM, william lockwood
THESE DRAWINGS AND THE DESIGN THEREON ARE THE PROPERTY OF DAVIS & FLOYD, INC. AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF THE ENGINEER / ARCHITECT AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION




## GRADING AND DRAINAGE PLAN NOTES

1. REFER TO GENERAL NOTES, SPECIFICATIONS, AND CONTRACT DOCUMENTS
2. EXISTING CONDITIONS WERE OBTAINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEYS AND ARE NOT WARRANTED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF ANY WORK
3. SOME UNDERGROUND CONDUITS MAY NOT BE SHOWN ON THESE PLANS. PRIOR TO ANY EXCAVATION, CONTRACTOR TO SUB-CONTRACT UTILITY LOCATION SERVICES FOR EXISTING UNDERGROUND UTILITIES.
4. SEE SWPPP PLANS FOR SEQUENCE OF CONSTRUCTION AND SEDIMENT & EROSION CONTROL BMP LOCATIONS
5. CONTOURS AND SPOT ELEVATIONS PROVIDED ON THIS PLAN ARE FINISHED GROUND ELEVATIONS.
6. STORM SYSTEM PIPING & STRUCTURES SHOWN, ALL OTHER PROPOSED UTILITIES MAY NOT BE SHOWN FOR CLARITY.
7. CONTRACTOR SHALL CONFIRM THAT ADA REQUIRMENTS ARE MET WHERE SIDEWALKS INTERSECT BUILDING ACCESS RAMPS.

Know what's below. Call before you dig.

N
STATE PLANE
0 30' 60'
SCALE: 1" = 30'

PROJECT DATUM INFORMATION:
HORIZONTAL DATUM: SC83IF
VERTICAL DATUM: NAVD88

SOUTH CAROLINA DAVIS & FLOYD, INC No. C00538 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 28235 RYAN C. LIVINGSTON

**DAVIS & FLOYD**
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222

OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE
OVERALL GRADING

| NO. | RELEASED | CHECKED | DATE |
|---|---|---|---|

JOB NO. 32266.00
DATE 02/07/2025
DESIGNED RC
DRAWN RC
CHECKED RL
APPROVED RL

C300

PAGE 6 OF 23

\\DC02\Data\Jobs\Ever\32266-01\Production\Civil\Drawings\32266.00-GRADE.dwg, 2/7/2025 10:15:44 AM, william lockwood
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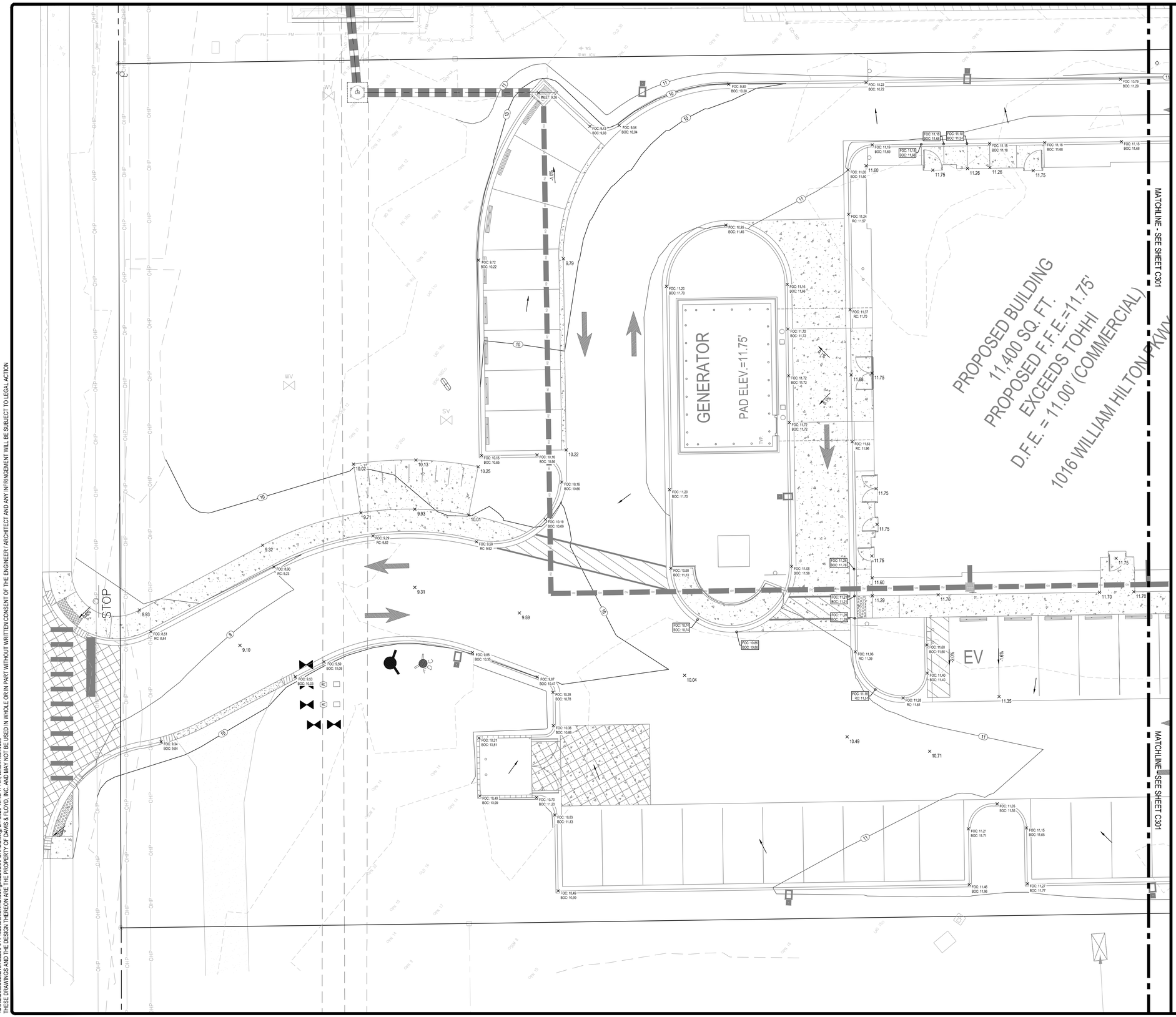


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3. SOME UNDERGROUND CONDUITS MAY NOT BE SHOWN ON THESE PLANS. PRIOR TO ANY EXCAVATION, CONTRACTOR TO SUB-CONTRACT UTILITY LOCATION SERVICES FOR EXISTING UNDERGROUND UTILITIES.
4. SEE SWPPP PLANS FOR SEQUENCE OF CONSTRUCTION AND SEDIMENT & EROSION CONTROL BMP LOCATIONS
5. CONTOURS AND SPOT ELEVATIONS PROVIDED ON THIS PLAN ARE FINISHED GROUND ELEVATIONS.
6. STORM SYSTEM PIPING & STRUCTURES SHOWN, ALL OTHER PROPOSED UTILITIES MAY NOT BE SHOWN FOR CLARITY.
7. CONTRACTOR SHALL CONFIRM THAT ADA REQUIRMENTS ARE MET WHERE SIDEWALKS INTERSECT BUILDING ACCESS RAMPS.

## GRADING LEGEND

| | |
|---|---|
| 25 | EXISTING MAJOR CONTOURS |
| 24 | EXISTING MINOR CONTOURS |
| 25 | PROPOSED MAJOR CONTOURS |
| 24 | PROPOSED MINOR CONTOURS |
| | SWALE |
| | FEMA FLOOD LINE |
| × 9.50 | PROPOSED SPOT ELEVATION |
| FOC | FACE OF CURB |
| BOC | BACK OF CURB |
| RC | ROLL CURB |
| 2.00% | PROPOSED SLOPE LABEL |

## ADA REQUIREMENTS

1. ADA PARKING AREA
   2.0% MAX. SLOPE IN ANY DIRECTION
2. ADA RAMP
   LONGITUDINAL SLOPE = 8.33% MAX.
   CROSS SLOPE = 2.0% MAX.
3. ACCESSIBLE ROUTES
   LONGITUDINAL SLOPE = 5.0% MAX.
   CROSS SLOPE = 2.0% MAX.

Know what's below. Call before you dig.

STATE PLANE

0 10' 20'
SCALE: 1" = 10'

PROJECT DATUM INFORMATION:
HORIZONTAL DATUM: SC83IF
VERTICAL DATUM: NAVD88

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
DAVIS & FLOYD, INC.
No. C00538

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER
No. 28235
RYAN LEE LIVINGSTON


DAVIS & FLOYD
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222


OWNER
BEAUFORT MEMORIAL HOSPITAL
PROJECT TITLE
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
BEAUFORT MEMORIAL HOSPITAL
EMERGENCY & URGENT CARE

DRAWING TITLE
GRADING NORTH

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| DFW NO. | 32266.00 |
| DATE | 02/07/2025 |
| DESIGNED | RC |
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| CHECKED | RL |
| APPROVED | RL |

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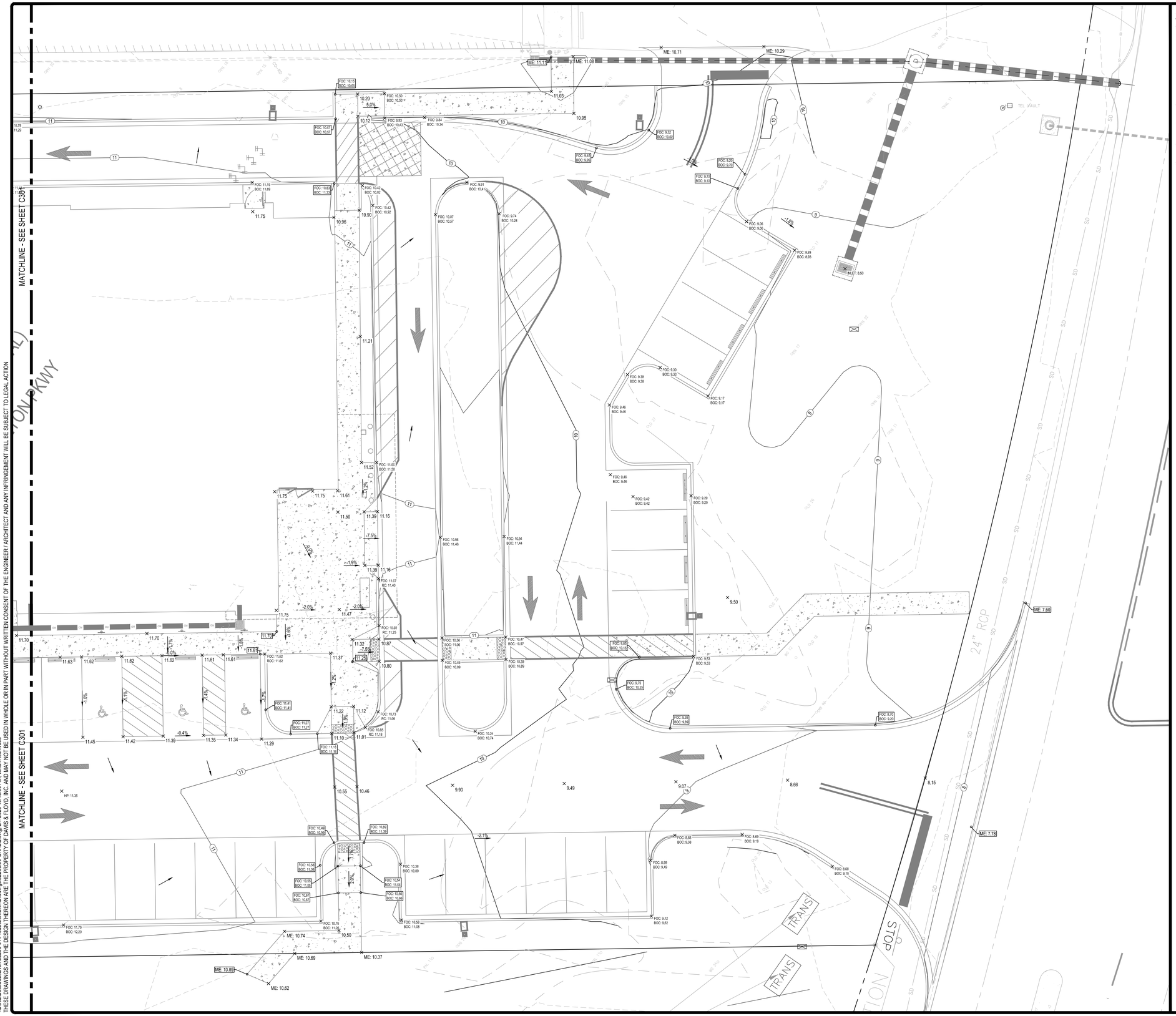


## GRADING AND DRAINAGE PLAN NOTES

1. REFER TO GENERAL NOTES, SPECIFICATIONS, AND CONTRACT DOCUMENTS
2. EXISTING CONDITIONS WERE OBTAINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEYS AND ARE NOT WARRANTED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF ANY WORK
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## GRADING LEGEND

| | |
|---|---|
| 25 | EXISTING MAJOR CONTOURS |
| 24 | EXISTING MINOR CONTOURS |
| 25 | PROPOSED MAJOR CONTOURS |
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| × 9.50 | PROPOSED SPOT ELEVATION |
| FOC | FACE OF CURB |
| BOC | BACK OF CURB |
| RC | ROLL CURB |
| 2.00% | PROPOSED SLOPE LABEL |

## ADA REQUIREMENTS

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   2.0% MAX. SLOPE IN ANY DIRECTION
2. ADA RAMP
   LONGITUDINAL SLOPE = 8.33% MAX.
   CROSS SLOPE = 2.0% MAX.
3. ACCESSIBLE ROUTES
   LONGITUDINAL SLOPE = 5.0% MAX.
   CROSS SLOPE = 2.0% MAX.

Know what's below. Call before you dig.

STATE PLANE N

0 10' 20'
SCALE: 1" = 10'

PROJECT DATUM INFORMATION:
HORIZONTAL DATUM: SC83IF
VERTICAL DATUM: NAVD88

SOUTH CAROLINA DAVIS & FLOYD, INC. No. C00538 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 28235 RYAN L. HUTCHESON

DAVIS & FLOYD
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843-379-2222

OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE
GRADING SOUTH

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LOCATION 32266.00
DATE 02/07/2025
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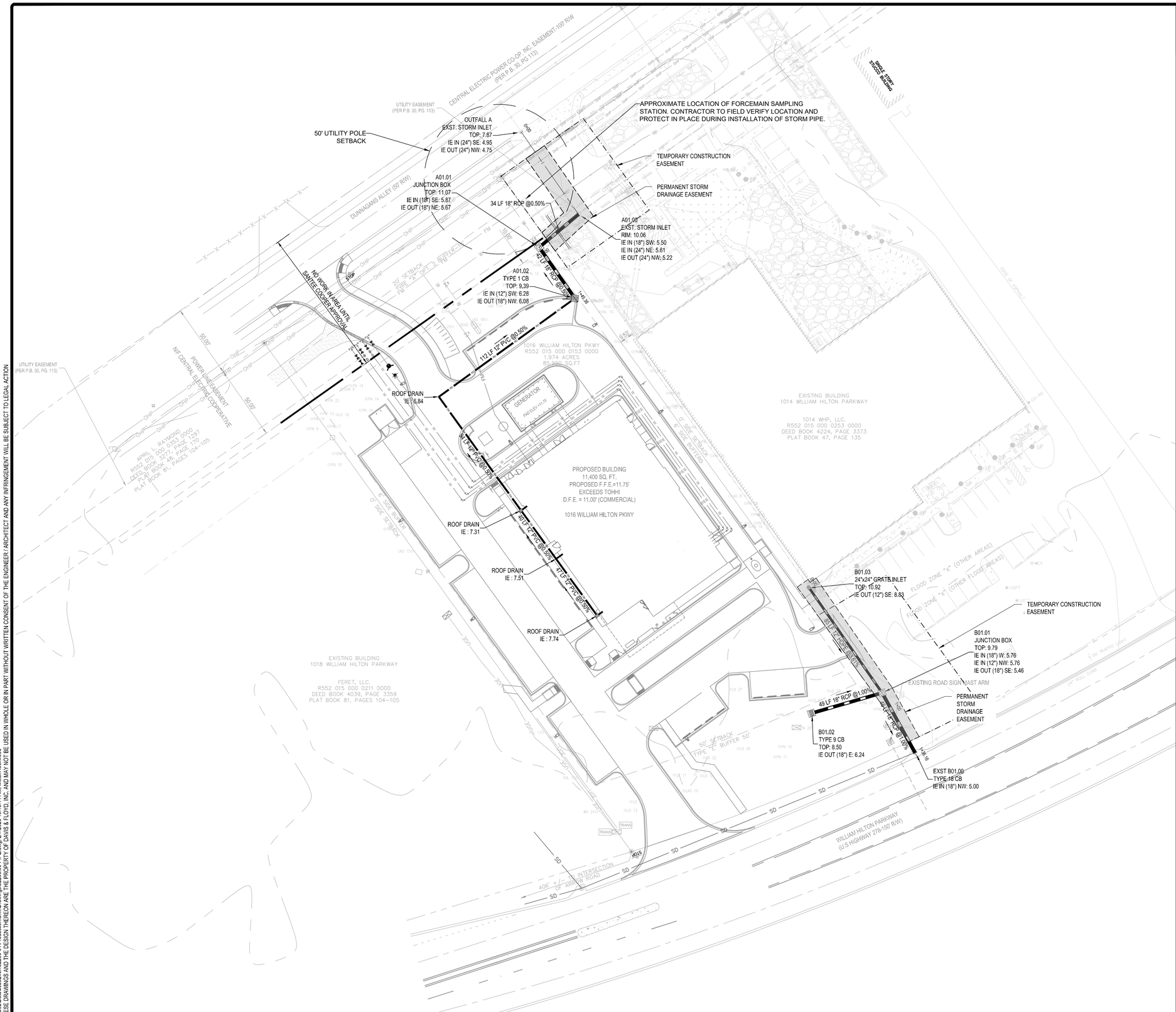


## DRAINAGE PLAN NOTES

1. REFER TO GENERAL NOTES, SPECIFICATIONS, AND CONTRACT DOCUMENTS.
2. EXISTING CONDITIONS WERE OBTAINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEYS AND ARE NOT WARRANTED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF ANY WORK
3. SOME UNDERGROUND CONDUITS MAY NOT BE SHOWN ON THESE PLANS. PRIOR TO ANY EXCAVATION, CONTRACTOR TO SUB-CONTRACT UTILITY LOCATION SERVICES FOR EXISTING UNDERGROUND UTILITIES.
4. SEE SWPPP PLANS FOR SEQUENCE OF CONSTRUCTION AND SEDIMENT & EROSION CONTROL BMP LOCATIONS
5. STORM SYSTEM PIPING & STRUCTURES SHOWN. ALL OTHER PROPOSED UTILITIES MAY NOT BE SHOWN FOR CLARITY.

Know what's below. Call before you dig.

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SCALE: 1" = 30'

PROJECT DATUM INFORMATION:
HORIZONTAL DATUM: SC83IF
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SOUTH CAROLINA DAVIS & FLOYD, INC. No. C00538 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 28235 RYAN C. LEWIS

**DAVIS & FLOYD**
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222

OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE
STORM DRAIN PLAN

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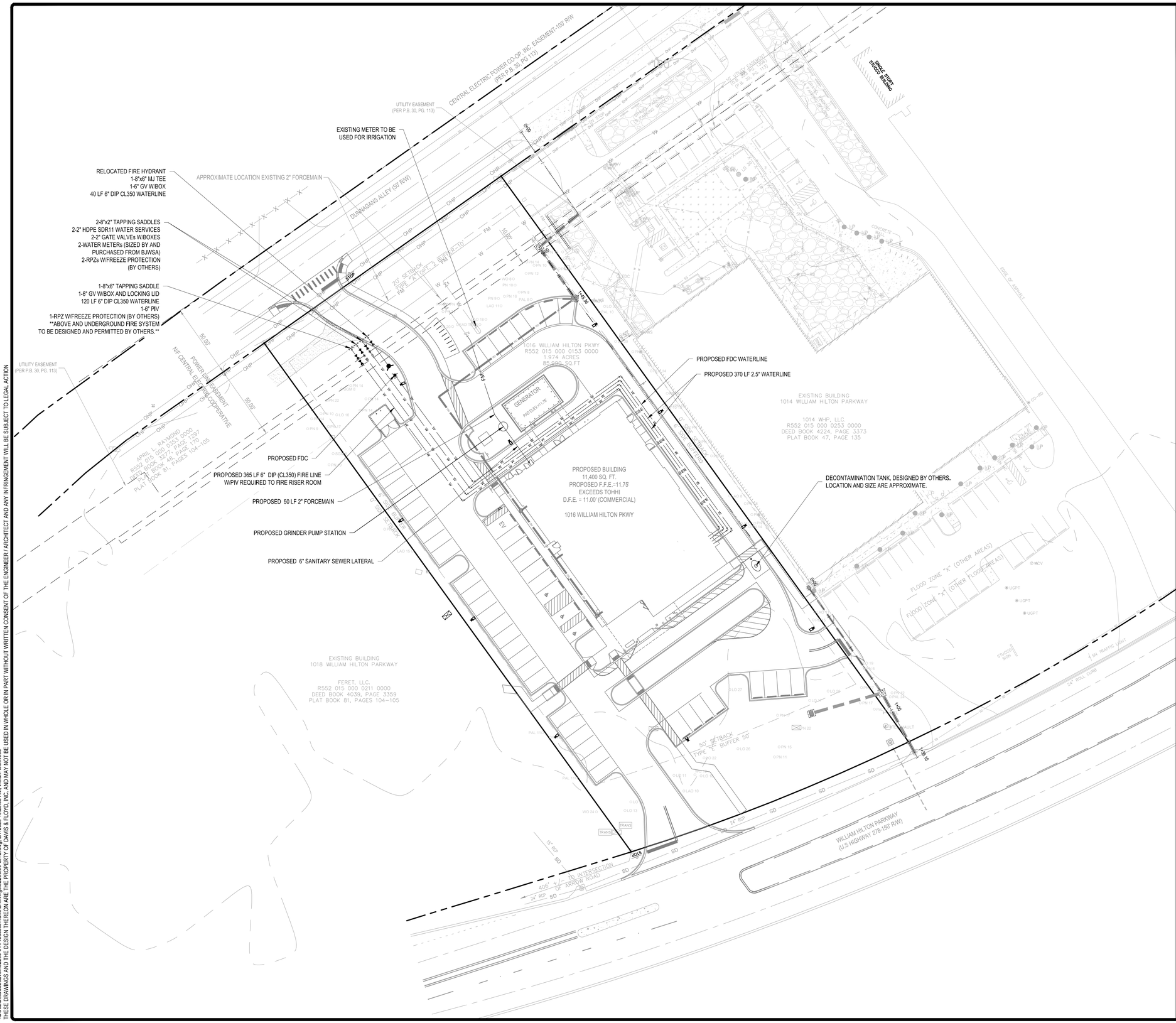


## UTILITY PLAN NOTES

1. REFER TO GENERAL NOTES, SPECIFICATIONS, AND CONTRACT DOCUMENTS.
2. EXISTING CONDITIONS WERE OBTAINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEYS AND ARE NOT WARRANTED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF ANY WORK.
3. SOME UNDERGROUND CONDUITS MAY NOT BE SHOWN ON THESE PLANS. PRIOR TO ANY EXCAVATION, CONTRACTOR TO SUB-CONTRACT UTILITY LOCATION SERVICES FOR EXISTING UNDERGROUND UTILITIES
4. CONTRACTOR TO PROVIDE OWNER WITH AT LEAST 48 HOURS NOTICE PRIOR TO ANY REQUIRED UTILITY SERVICE DISRUPTIONS OR SHUTDOWNS.
5. CONTRACTOR SHALL USE CARE WHEN WORKING NEAR EXISTING ACTIVE BUILDINGS AND OTHER INFRASTRUCTURE.
6. CONTRACTOR SHALL COORDINATE WITH THE LOCAL WATER JURISDICTION WATER DEPARTMENT FOR WATER SERVICE CONNECTION.
6. CONTRACTOR SHALL COORDINATE WITH THE LOCAL SEWER JURISDICTION SEWER DEPARTMENT FOR SEWER SERVICE CONNECTION.
7. CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE TO BUILDING WITH LOCAL ELECTRICAL JURISDICTION AND PROVIDE UNDERGROUND ELECTRICAL SERVICE CONDUITS AS APPLICABLE.
8. SITE LIGHTING FOR THE PROJECT SHALL BE PROVIDED BY LOCAL JURISDICTION. CONTRACTOR SHALL INSTALL ANY NECESSARY CONDUITS PER AN APPROVED PLAN PROVIDED BY LOCAL ELECTRICAL JURISDICTION.

## WATER PLAN NOTES

1. REFER TO GENERAL NOTES, SPECIFICATIONS, AND CONTRACT DOCUMENTS.
2. CONTRACTOR INSTALLING THE WATER SYSTEM SHALL BE ON THE LOCAL WATER JURISDICTION'S "APPROVED CONTRACTORS LIST".
3. REFER TO LOCAL WATER JURISDICTION'S "GENERAL NOTES" DETAIL PROVIDED ON SHEET C841.
4. EXISTING CONDITIONS WERE OBTAINED FROM AVAILABLE RECORD DRAWINGS AND FIELD SURVEYS AND ARE NOT WARRANTED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF ANY WORK.
5. SOME UNDERGROUND CONDUITS ARE NOT SHOWN ON THESE PLANS. PRIOR TO ANY EXCAVATION, CONTRACTOR TO SUB-CONTRACT UTILITY LOCATION SERVICES FOR EXISTING UNDERGROUND UTILITIES
6. CONTRACTOR TO PROVIDE OWNER WITH AT LEAST 48 HOURS NOTICE PRIOR TO ANY REQUIRED UTILITY SERVICE DISRUPTIONS OR SHUTDOWNS.
7. CONTRACTOR SHALL USE CARE WHEN WORKING NEAR EXISTING ACTIVE BUILDINGS AND OTHER INFRASTRUCTURE.
8. ALL PROPOSED WATER SYSTEM PIPES, VALVES, FITTINGS, AND APPURTENANCES SHALL BE 100% RESTRAINED JOINTS UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE & LOCAL WATER JURISDICTION.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL TAPS. TAPS REQUIRING A SLEEVE SHALL BE NO CLOSER TO A JOINT THAN 4 FEET.
10. THRUST BLOCKING SHALL BE USED ONLY ON WET TAPS. CONTRACTOR SHALL NOTIFY LOCAL WATER JURISDICTION'S INSPECTOR A MINIMUM OF 72 HOURS (THREE FULL WORKING DAYS) PRIOR TO MAKING ANY WET TAP.
11. COORDINATE INSPECTION OF THE BACKFLOW DEVICES WITH LOCAL WATER JURISDICTION CROSS CONNECTION DEPARTMENT BY CALLING (XXX) XXX-XXXX. WATER SERVICE SHALL NOT BE TURNED ON UNTIL ALL BACKFLOW DEVICES HAVE PASSED INSPECTION.
12. DEVELOPER SHALL TAKE NECESSARY MEASURES TO PROTECT LOCAL WATER JURISDICTION WATER SYSTEM DURING THE TIME BETWEEN THE COMMISSIONING INSPECTION AND THE 2-YEAR MAINTENANCE BOND INSPECTION.
13. "HYDRANT ASSEMBLY" NOTED ON PLANS ASSUMES THE COMPONENTS AS DEPICTED IN THE LOCAL WATER JURISDICTION DETAIL PROVIDED ON SHEET C841.
14. CONTRACTOR SHALL ROTATE ALL HYDRANTS SO THAT THE HOSE CONNECTIONS FACE THE DRIVE AISLE OR STREET.
15. ALL LOCAL WATER JURISDICTION APPURTENANCES REMOVED SHALL BE RETURNED TO THE LOCAL WATER JURISDICTION. CORDINATE WITH THE UTILITY INSPECTOR ON THE APPURTENANCE RETURNING PROCESS.

Know what's below.
Call before you dig.

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STATE PLANE
0 30' 60'
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PROJECT DATUM INFORMATION:
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VERTICAL DATUM: NAVD88

SOUTH CAROLINA
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843-379-2222


OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND

PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL
EMERGENCY & URGENT CARE

DRAWING TITLE
SANITARY SEWER AND WATERLINE PLAN

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JOB NO. 32286.00
DATE 02/07/2025
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## SCDHEC/OCRM STANDARD NOTES

1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET, SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDRO-SEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
2. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
   - A. WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
   - B. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
3. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY PLACED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
4. PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE PER THE ENVIRONMENTAL PLANS.
5. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
6. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
7. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
8. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
9. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
10. A COPY OF THE SWPPP, INSPECTION RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
11. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF SEVEN (7) CALENDAR DAYS.
12. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
13. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).
15. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
    - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
    - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
    - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
    - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
16. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
17. IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
18. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE, THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

## SWPPP SEQUENCE OF CONSTRUCTION (FOR TWO PHASE SWPPP PROJECT)

### PHASE 1: INITIAL LAND DISTURBANCE - SEQUENCE OF CONSTRUCTION

1. RECEIVE NPDES COVERAGE FROM SCDHEC.
2. CONDUCT PRE-CONSTRUCTION MEETING ON-SITE. CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE, OWNER, AND LOCAL JURISDICITION AT LEAST 48 HOURS PRIOR TO PRE-CONSTRUCTION MEETING.
3. NOTIFY SCDHEC EQC OFFICE OR OCRM 48 HOURS PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES.
4. INSTALL CONSTRUCTION ENTRANCE(S) AND BEGIN MAINTENANCE OF SEDIMENT CONTROLS AS NECESSARY. CONTINUE MAINTENANCE UNTIL ALL FINAL STABILIZATION MEASURES ARE IN PLACE AND REMOVAL OF CONTROLS IS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
5. CLEAR AND GRUB FOR THE INSTALLATION OF PERIMETER CONTROLS.
6. INSTALL PERIMETER CONTROLS AND TREE PROTECTION AS APPLICABLE.
7. SCHEDULE LOCAL JURISDICTION INSPECTION OF PERIMETER SEDIMENT CONTROLS AND TREE BARRICADES, THEN OBTAIN A COPY OF LOCAL JURISDICTION APPROVED AND STAMPED PLANS PRIOR TO STARTING ADDITIONAL SITE WORK.
8. CLEAR AND GRUB AS NECESSARY FOR ACCESS AND TO COMPLETE THE INSTALLATION OF SEDIMENT TRAPS.
9. DEMOLISH AND REMOVE EXISTING STRUCTURES, HARDSCAPES, AND DEBRIS AS APPLICABLE.
10. CLEAR AND GRUB THE REMAINDER OF THE DISTURBED AREA.
11. COMPLETE ROUGH GRADING.
12. INITIATE INSTALLATION OF UTILITIES AS APPLICABLE.
13. INITIATE INSTALLATION OF STORM DRAINAGE SYSTEM INCLUDING INLET PROTECTION AS EACH STRUCTURE IS INSTALLED.

### INITIAL LAND DISTURBANCE PHASE - NOTES

1. THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE INITIAL LAND DISTURBANCE PHASE.
   - THE CONSTRUCTION ENTRANCE(S) SHALL BE PLACED AS SHOWN ON THE PLANS.
   - IMMEDIATELY AFTER THE ESTABLISHMENT OF THE CONSTRUCTION ENTRANCE(S), ALL PERIMETER EROSION CONTROL AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE INITIAL LAND DISTURBANCE PHASE CONSTRUCTION PLANS.
   - TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBANCE AND SHALL BE MAINTAINED UNTIL FINAL LANDSCAPING IS INSTALLED. ANY FAILURES OF FENCING SHALL BE REPAIRED IMMEDIATELY.
   - SILT FENCE, AS INDICATED, SHALL BE INSTALLED AT THE PERIMETER OF THE LAND DISTURBANCE. THE SILT FENCE SHALL BE KEPT ERECT AT ALL TIMES AND REPAIRED WHEN REQUESTED BY THE SITE INSPECTOR OR OWNER'S REPRESENTATIVE. SILT SHALL BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT OF THE BARRIER. THE PERIMETER SILT FENCE SHALL BE INSPECTED DAILY FOR ANY FAILURES. ANY FAILURES OF FENCING SHALL BE REPAIRED IMMEDIATELY.
   - INLET PROTECTION MEASURES SHALL BE INSTALLED ON ALL EXISTING STORM DRAINAGE STRUCTURES AS INDICATED.
   - SEDIMENT TUBES SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS INDICATED.
   - CONTRACTOR SHALL PERFORM DEWATERING WITH APPROPRIATE BMP'S IN A MANNER THAT MEET'S LOCAL AND STATE REGULATIONS WITH REGARD TO DISPOSAL PATH.
   - TEMPORARY DIVERSION DITCHES SHALL BE INSTALLED TO DIRECT FLOW TO BASINS / TRAPS / PONDS UNTIL ROUGH GRADING RE-DIRECTS FLOWS TO FINAL DESIGN PATH.
   - NO BURN OR BURY PITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE.
   - TEMPORARY SEEDING SHALL BE INSTALLED ON ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE CEASING.
   - SILT FENCE SHALL BE PLACED AT THE TOE OF ALL DIRT STOCK PILE AREAS.
   - INLET SEDIMENT PROTECTION SHALL BE INSTALLED ON ALL STORM DRAINAGE STRUCTURES AS THEY ARE INSTALLED. SEE PLAN AND DETAILS FOR TYPE AND INFORMATION.
   - VEGETATIVE COVER SHALL BE ESTABLISHED ON ALL DRAINAGE SWALES AND GRADED AREAS AS SOON AS FINAL GRADES ARE ACHIEVED.
2. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE CHECKED AFTER EACH RAIN EVENT AND AT THE END OF EACH WORKING DAY. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF THE SEDIMENT ACCUMULATION HAS REACHED 1/2 HEIGHT OR THE CAPACITY OF THE DEVICE, AS APPLICABLE.
3. THE CONSTRUCTION ENTRANCE(S) SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PAVED AREAS. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO PAVED AREAS OR INTO STORM DRAINAGE SHALL BE IMMEDIATELY REMOVED.
4. EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF EROSION CONTROL MEASURES INDICATED DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AS DIRECTED BY THE SITE INSPECTOR OR OWNER'S REPRESENTATIVE.
5. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION CONTROL MEASURES INCLUDING REPLACING OR REPAIRING ANY DAMAGED DEVICES.
6. THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING TO LIMIT THE AMOUNT OF LAND STRIPPED OF ITS NATURAL COVER AND, THEREFORE, LIMIT DURATION OF EXPOSURE BEFORE STABILIZATION COVER IS ESTABLISHED.
7. SEDIMENT SHALL NOT BE WASHED INTO INLETS. ACCUMULATED SEDIMENT SHALL BE REMOVED AND RE-PLACED ON-SITE AND STABILIZED IN SUCH A MANNER THAT IT DOES NOT ACCUMULATE AGAIN.
8. EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE REQUIRED FOR INSTALLATION HAS OCCURRED AND BEFORE ADJACENT CLEARING IS BEGUN. THE LOCATION OF SOME EROSION CONTROL DEVICES MAY NEED TO BE ALTERED FROM THAT SHOWN ON THE PLANS IF DRAINAGE PATTERNS DEVIATE FROM THOSE PROPOSED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE.
9. CUT AND FILL SLOPES SHALL NOT EXCEED 3H:1V IN ALL LOCATIONS UNLESS INFEASIBLE.

### PHASE 2: STABILIZATION - SEQUENCE OF CONSTRUCTION

1. CONTINUE MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL ALL FINAL STABILIZATION MEASURES ARE IN PLACE AND REMOVAL OF CONTROLS IS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
2. COMPLETE SITE SURFACE IMPROVEMENTS INCLUDING CURBS, WALKS, PAVEMENT, ETC.
3. INSTALL LANDSCAPING AND ESTABLISH PERMANENT SOIL STABILIZATION.
4. REMOVE TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AFTER THE ENTIRE AREA FLOWING TO EACH MEASURE IS PERMANENTLY STABILIZED AND APPROVED BY THE OWNER'S REPRESENTATIVE AND THE AUTHORITY HAVING JURISDICTION.
5. PERFORM AS-BUILT SURVEYS OF THE DRAINAGE SYSTEM, AS REQUIRED BY AUTHORITIES HAVING JURISDICTION, AND SUBMIT TO LOCAL JURISDICTION FOR REVIEW AND APPROVAL.
6. SUBMIT NOTICE OF TERMINATION (NOT) TO DHEC.

### STABILIZATION PHASE - NOTES:

1. SEDIMENT SHALL NOT BE WASHED INTO INLETS. ACCUMULATED SEDIMENT SHALL BE REMOVED AND REPLACED ON-SITE AND STABILIZED IN SUCH A MANNER THAT IT DOES NOT ACCUMULATE AGAIN.
2. TEMPORARY SEED, AS APPLICABLE, SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE CEASING.
3. THE CONTRACTOR SHALL MAINTAIN ALL PONDS, SEDIMENT BASINS, AND EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE REMOVED FROM BASINS WHEN IT REACHES THE HALFWAY POINT ON THE RISER.
4. AFTER CURBING, AGGREGATE BASE AND PAVING HAS BEEN COMPLETED, ALL INLET PROTECTION INSTALLED ON CURB INLETS SHALL BE REMOVED AND REPLACED WITH CURB INLET PROTECTION.
5. ALL ROADWAY AND PARKING SHOULDERS SHALL HAVE VEGETATIVE COVER ESTABLISHED AS SOON AS FINAL GRADE IS ACHIEVED BEHIND CURBS.
6. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE CHECKED AFTER EACH RAIN EVENT AND AT THE END OF EACH WORKING DAY. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF THE SEDIMENT ACCUMULATION HAS REACHED 1/2 HEIGHT OF THE CAPACITY OF THE DEVICE, AS APPLICABLE.
7. THE CONSTRUCTION ENTRANCE(S) SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PAVED AREAS. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO PAVED AREAS OR INTO STORM DRAINAGE SHALL BE IMMEDIATELY REMOVED.
8. EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF EROSION CONTROL MEASURES INDICATED DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AS DIRECTED BY THE SITE INSPECTOR OR OWNER'S REPRESENTATIVE.
9. UPON COMPLETION OF THE PROJECT AND AUTHORIZATION FROM THE AUTHORITY HAVING JURISDICTION, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND PROPERLY DISPOSE OF THEM UNLESS OTHERWISE NOTED.

## DRAINAGE FACILITIES MAINTENANCE PLAN

1. TEMPORARY SEDIMENT CONTROLS:

   THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE INCLUDING BUT NOT NECESSARILY LIMITED TO:

   A. DURING CONSTRUCTION (UNTIL FINAL ACCEPTANCE BY THE AUTHORITIES HAVING JURISDICTION):
      1) DAILY:
         a) OBSERVING PAVED AREAS THAT ARE UTILIZED FOR SITE ACCESS TO LOOK FOR SIGNS OF SOIL BEING TRACKED FROM THE SITE AND TAKING CORRECTIVE ACTION AS NECESSARY
         b) CORRECTING ANY DAMAGE TO TEMPORARY SEDIMENT CONTROLS AS SOON AS POSSIBLE WHEN IT OCCURS.
      2) WEEKLY:
         a) INSPECTING TEMPORARY SEDIMENT CONTROLS FOR DAMAGE AND ACCUMULATED SEDIMENT, REMOVING SEDIMENT AND REPAIRING OR REPLACING DAMAGED TEMPORARY SEDIMENT CONTROLS AS NECESSARY.
         b) EVALUATING PERFORMANCE AND AMENDING, MODIFYING, IMPROVING, OR RELOCATING TEMPORARY SEDIMENT CONTROLS AS NECESSARY.
         c) LOGGING INSPECTION OBSERVATIONS, RECOMMENDATIONS, REPAIRS, RELOCATIONS, AMENDMENTS, AND IMPROVEMENTS AS NECESSARY
      3) BI-WEEKLY:
         a) EVALUATING SITE AND INSTALLING PERMANENT LANDSCAPING OR TEMPORARY SEEDING AS NECESSARY.
   B. AT COMPLETION OF CONSTRUCTION (UPON FINAL ACCEPTANCE BY AUTHORITIES HAVING JURISDICTION)
      1) REMOVING OF ALL TEMPORARY SEDIMENT CONTROLS.
2. DRAINAGE CULVERTS AND STRUCTURES:
   A. DURING CONSTRUCTION (UNTIL FINAL ACCEPTANCE BY THE AUTHORITIES HAVING JURISDICTION):

      THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE INCLUDING BUT NOT NECESSARILY LIMITED TO:
      1) PROTECTING THE CULVERTS AND STRUCTURES FROM DAMAGE.
      2) PREVENTING SEDIMENT FROM ENTERING THE CULVERTS AND STRUCTURES.
      3) REPAIRING OF ANY DAMAGE AND REMOVAL OF SEDIMENT AS SOON AS POSSIBLE AFTER IT OCCURS.

## TEMPORARY BUFFER ZONE MANAGEMENT AND SURFACE WATER PROTECTION PLAN:

1. TEMPORARY (CONSTRUCTION) BUFFERS ARE NOT TO BE CONFUSED WITH PERMANENT BUFFERS THAT MAY BE SHOWN ELSEWHERE IN THE CONSTRUCTION PLANS. EXERCISE CARE TO DIFFERENTIATE BETWEEN TEMPORARY AND PERMANENT BUFFERS AND THEIR ASSOCIATED REQUIREMENTS.
2. TEMPORARY BUFFER ZONES SHALL BE FLAGGED PRIOR TO THE INSTALLATION OF PERIMETER CONTROLS.
3. ALL PERIMETER AND SEDIMENT CONTROL BMPS, SHALL BE INSTALLED PRIOR TO THE DISCHARGE OF STORMWATER RUNOFF INTO THE ADJACENT SURFACE WATER'S AND SHALL BE MAINTAINED UNTIL FINAL STABILIZATION.
4. AREAS CONTRIBUTING DIRECT RUNOFF TO TEMPORARY BUFFER AREAS SHALL BE STABILIZED PRIOR TO COMMENCING WORK WITHIN THE TEMPORARY BUFFER AREA.
5. ONCE CONSTRUCTION WITHIN AND ADJACENT TO TEMPORARY BUFFER AREAS IS COMPLETED, THE AREAS SHALL BE STABILIZED AS SOON AS PRACTICAL.
6. IN THE EVENT A BUFFER IS ACCIDENTALLY DISTURBED, THE CONTRACTOR SHALL STABILIZE THE AREA AS SOON AS POSSIBLE AND CONSULT THE OWNER'S REPRESENTATIVE REGARDING REMEDIAL MEASURES OR EROSION CONTROL MEASURES.
7. NO DISTURBANCE SHALL OCCUR WITHIN CRITICAL AREAS (IE: SALTWATER MARSH).

## TEMPORARY SEEDING

(TO BE USED ONLY FOR TEMPORARY STABILIZATION DURING CONSTRUCTION)

1. ALL PREPARATION, INSTALLATION, AND MAINTENANCE OF TEMPORARY SEEDING SHALL BE IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 810 OF THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION).
2. IN PARTICULAR THE CONTRACTOR SHALL:
   - A. ESTABLISH A STAND OF VEGETATION THAT IS CAPABLE OF EROSION CONTROL.
   - B. PROVIDE MINIMUM DENSITY COVERAGE OF 70% THROUGHOUT THE SEEDED AREA.
   - C. MAINTAIN THE STAND OF VEGETATION UNTIL REPLACED BY PERMANENT LANDSCAPING OR SUBSEQUENT CONSTRUCTION.
3. TEMPORARY SEED SHALL BE IN ACCORDANCE WITH SECTION 1.4 OF THE SCDOT SUPPLEMENTAL TECHNICAL SPECIFICATION FOR SEEDING (SDOT DESIGNATION: SC-M-810-4). SEED SPECIES AND APPLICATION RATE SHALL BE AS INDICATED FOR THE PROJECT LOCATION, SOIL TYPE, AND DATE OF INSTALLATION (SEE CHARTS).

## PERMANENT SEEDING

(TO BE USED WHERE PERMANENT TURF BY SEEDING IS INDICATED ON PLANS OR DETAILS)

1. ALL PREPARATION, INSTALLATION, AND MAINTENANCE SHALL BE IN ACCORDANCE WITH THE LANDSCAPING SPECIFICATIONS FOR THE PROJECT OR, IN INSTANCES WHERE LANDSCAPING SPECIFICATIONS DO NOT EXIST, IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 810 OF THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION).
2. IN PARTICULAR THE CONTRACTOR SHALL, AT A MINIMUM UNLESS OTHERWISE SPECIFIED AS INDICATED ABOVE:
   - A. ESTABLISH A UNIFORM PERENNIAL STAND OF VEGETATION WITH A ROOT SYSTEM THAT IS SUFFICIENTLY DEVELOPED TO SURVIVE DRY PERIODS AND WINTER WEATHER AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING.
   - B. PROVIDE MINIMUM DENSITY COVERAGE OF 70% THROUGHOUT THE SEEDED AREA.
   - C. MAINTAIN THE STAND OF VEGETATION INCLUDING MOWING; FERTILIZING; WEED, DISEASE AND INSECT CONTROL; AND WATERING AS NECESSARY, UNTIL FINAL ACCEPTANCE BY THE AUTHORITY HAVING JURISDICTION.
3. UNLESS OTHERWISE INDICATED, PERMANENT SEED SHALL BE IN ACCORDANCE WITH SECTION 1.4 OF THE SCDOT SUPPLEMENTAL TECHNICAL SPECIFICATION FOR SEEDING (SDOT DESIGNATION: SC-M-810-4). SEED SPECIES AND APPLICATION RATE SHALL BE AS INDICATED FOR THE PROJECT LOCATIONS, SOIL TYPE, AND DATE OF INSTALLATION (SEE CHARTS).

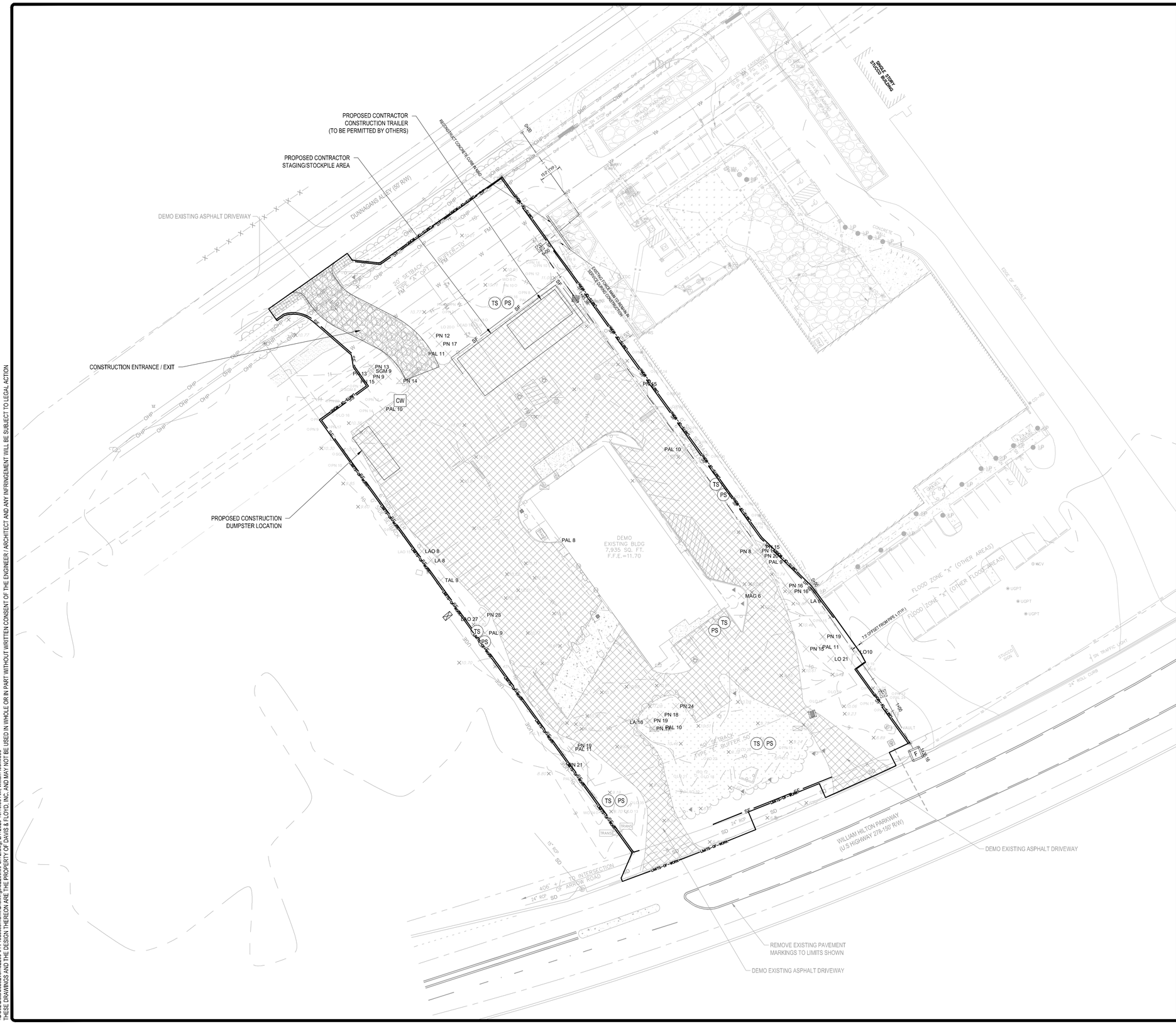
## PERMITTING NOTES

1. THESE PLANS HAVE BEEN PREPARED TO MEET THE INITIAL REQUIREMENTS OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR COVERAGE UNDER THE SOUTH CAROLINA NPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES (SCR10000). THE OWNER AND CONTRACTOR(S) ARE ADVISED THAT ADDITIONAL REQUIREMENTS, WHICH ARE BEYOND THE SCOPE OF THESE PLANS, MUST BE MET IN ORDER TO ASSURE CONTINUED COVERAGE UNDER THE NPDES GENERAL PERMIT.
2. COVERAGE UNDER THE NPDES IS INITIATED BY THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (SCDHEC) APPROVAL OF THE PROJECT FOR CONSTRUCTION. THE OWNER'S SUBMITTAL OF A NOTICE OF INTENT (NOI) SERVES AS THE OWNER'S CERTIFICATION THAT HE HAS PREPARED, AND WILL IMPLEMENT AND MAINTAIN, A SWPPP THROUGHOUT THE CONSTRUCTION PERIOD. FURTHERMORE, IT CERTIFIES THAT HE WILL DOCUMENT AND WHERE REQUIRED, REPORT SITE CONDITIONS, REMEDIAL EFFORTS, SWPPP MODIFICATIONS, AND OTHER STORMWATER RELATED ACTIVITIES IN ACCORDANCE WITH NPDES REQUIREMENTS. COVERAGE UNDER THE NPDES IS TERMINATED UPON THE OWNER'S SUBMITTAL OF A NOTICE OF TERMINATION (NOT) WHEN SCDHEC APPROVAL OF THE COMPLETED PROJECT HAS BEEN RECEIVED.
3. THE OWNER IS ADVISED THAT DAVIS & FLOYD'S SCOPE OF SERVICES DOES NOT NECESSARILY INCLUDE EFFORTS TO DOCUMENT AND REPORT ACTIVITIES IN ACCORDANCE WITH NPDES REQUIREMENTS. WHILE DAVIS & FLOYD CAN PERFORM THESE SERVICES UPON REQUEST, THEY CAN ALSO BE PROVIDED BY THIRD PARTY FIRMS WHO SPECIALIZE IN DOCUMENTATION AND REPORTING OF NPDES RELATED ACTIVITIES. REGARDLESS, THESE ACTIVITIES MUST BE ACCOMPLISHED, DOCUMENTED, AND WHERE REQUIRED, REPORTED THROUGHOUT THE CONSTRUCTION PERIOD IN ORDER TO AVOID AN NPDES VIOLATION.
4. ADDITIONAL PARTIES WHO ARE ASSOCIATED WITH LAND DISTURBING ACTIVITIES FOR A PROJECT THAT HAS RECEIVED NPDES COVERAGE MAY SHARE RESPONSIBILITY FOR COMPLIANCE UNDER THE NPDES CO-PERMITTEE REGULATIONS. IN ADDITION, PARTIES WHO ARE ASSOCIATED WITH LAND DISTURBANCES THAT ARE PART OF A "LARGER COMMON PLAN" (LCP) THAT HAS RECEIVED NPDES COVERAGE MAY ALSO SHARE RESPONSIBILITY FOR COMPLIANCE UNDER THE NPDES CO-PERMITTEE REGULATIONS. ALL PARTIES ASSOCIATED WITH ANY CONSTRUCTION ACTIVITIES ARE ADVISED TO CLARIFY THEIR RESPONSIBILITIES WITH REGARD TO COMPLIANCE WITH THE REQUIREMENTS OF THE NPDES.

## SWPPP INSPECTIONS AND DOCUMENTATION

1. SWPPP INSPECTOR'S RESPONSIBILITIES:
   - A. THE SWPPP INSPECTOR SHALL HAVE A CURRENT CEPSCI CERTIFICATION AND/OR BE A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF SOUTH CAROLINA.
   - B. THE SWPPP INSPECTOR SHALL ACQUIRE AND MAINTAIN A COPY OF THE APPROVED C-SVPPP MANUAL, APPROVED PERMITS, AND APPROVED PLANS FROM THE SWPPP DESIGNER. THE C-SWPPP WILL THEN BECOME THE OS-SWPPP MANUAL.
   - C. THE SWPPP INSPECTOR SHALL PERFORM SWPPP INSPECTIONS AT LEAST ONCE EACH CALENDAR WEEK AND WITHIN 24 HOURS AFTER STORM EVENTS OF 1.0 INCHES OR GREATER, WITH NO TIME PERIOD BETWEEN INSPECTIONS EXCEEDING 9 DAYS.
   - D. THE SWPPP INSPECTOR SHALL PROVIDE THE SWPPP INSPECTION REPORT, PHOTOS, AND OTHER DOCUMENTATION TO BE KEPT ONSITE. THE SITE CONTRACTOR SHALL PROVIDE A LOCATION TO STORE AND MAINTAIN THE SWPPP DOCUMENTS ONSITE (SEE CONTRACTOR'S RESPONSIBILITIES BELOW).
   - E. IN THE EVENT THE SWPPP DOCUMENTATION CANNOT BE KEPT AND MAINTAINED AT THE PROJECT SITE, THE SVPPP INSPECTOR SHALL PROVIDE A LAMINATED PLACARD ONSITE DENOTING WHERE A COPY OF THE APPROVED PLANS AND SWPPP DOCUMENTS CAN BE ACQUIRED WITHIN 30 MINUTES NOTICE AT THE REQUEST OF THE AGENCY INSPECTOR. THE PLACARD SHALL PROVIDE THE SWPPP INSPECTOR'S PRINTED NAME, PHONE NUMBER, EMAIL ADDRESS, AND PHYSICAL ADDRESS OF THE LOCATION OF THE SVPPP DOCUMENTS. THE PLACARD SHALL ALSO PROVIDE AN ALTERNATE PHONE NUMBER AND CONTACT NAME IN THE EVENT THE SWPPP INSPECTOR IS UNAVAILABLE.
   - F. THE SWPPP INSPECTOR SHALL EMAIL COPIES OF EACH INSPECTION TO THE OWNER'S REPRESENTATIVE, SWPPP DESIGNER (IF DIFFERENT THAN THE OWNER'S REPRESENTATIVE), AND THE SITE CONTRACTOR WITHIN THREE (3) DAYS AFTER THE INSPECTION. ONE COPY OF THE INSPECTION DOCUMENTS SHALL BE FILED BY THE SWPPP INSPECTOR IN OR WITH THE ONSITE SWPPP MANUAL IMMEDIATELY AFTER THE INSPECTION.
   - G. THE SWPPP INSPECTOR SHALL PERFORM ALL SVPPP INSPECTION DUTIES AS DEFINED BY THE APPROVED PLANS, CEPSCI STANDAROS, NPDES PERMIT, SCDHEC-OCRM, AND/OR OTHER AGENCY REQUIREMENTS.
2. CONTRACTOR'S RESPONSIBILITIES:
   - A. CONTRACTOR SHALL PROVIDE A WEATHERPROOF ENCLOSURE ONSITE TO STORE AND MAINTAIN THE SWPPP INSPECTOR'S REPORTS, OS-SWPPP MANUAL, AND APPROVED SET OF SITE CONSTRUCTION PLANS. IF A CONSTRUCTION TRAILER IS TO BE LOCATED ONSITE, THEN THE CONTRACTOR SHALL PROVIDE A FILE CABINET, OR OTHER MEANS, DESIGNATED ONLY FOR SWPPP DOCUMENTS & REPORTS.
   - B. THE CONTRACTOR SHALL ENSURE THE SWPPP INSPECTOR HAS 24-HOUR ACCESS TO SWPPP DOCUMENTS AND PLANS.
   - C. THE CONTRACTOR SHALL PROVIDE THEIR ONSITE PROJECT MANAGER'S AND/OR SUPERINTENDANT'S NAME, PHONE NUMBER, AND EMAIL ADDRESS TO THE SWPPP INSPECTOR.
   - D. CONTRACTOR SHALL PROVIDE AND MAINTAIN AT LEAST ONE RAIN GAUGE ONSITE IN AN OPEN AREA. THE RAIN GAGE SHALL BE AT LEAST 20 FEET CLEAR OF ANY TREE CANOPIES, BUILDINGS, OR OTHER VERTICAL STRUCTURES THAT COULD PREVENT RAINFALL FROM REACHING THE RAIN GAGE.

## CONSTRUCTION SEQ




## SWPPP PLAN (PHASE 1) NOTES

1. REFER TO GENERAL NOTES, SPECIFICATIONS, AND CONTRACT DOCUMENTS.
2. SEE SWPPP NOTES SHEET C500 FOR SEQUENCE OF CONSTRUCTION AND GENERAL SWPPP NOTES.
3. CONTRACTOR SHALL INSTALL PERIMETER AND SEDIMENT CONTROLS PRIOR TO BEGINNING ADDITIONAL SITE WORK.
4. SEDIMENT TRAPS SHALL BE CONVERTED TO BIORETENTION BMP'S ONCE THE SITE HAS REACHED FINAL STABILIZATION.
5. REFER TO LANDSCAPE PLANS FOR FINAL STABILIZATION DETAILS.

## GENERAL LEGEND

PROPERTY LINE
RIGHT OF WAY
EASEMENT
BUFFER
SETBACK
LIMITS OF DISTURBANCE — NPDES
TREE PROTECTION

## EROSION CONTROL LEGEND

CONSTRUCTION FENCE — CF
SILT FENCE — SF
SILT FENCE - REINFORCED — RSF

| | | | |
|---|---|---|---|
| BONDED FIBER MATRIX | BFM | PERMANENT SEEDING | PS |
| CONCRETE WASHOUT | CW | POLYACRYLAMIDE | PAM |
| DUST CONTROL | DC | PORTABLE TOILET | PT |
| EROSION CONTROL BLANKET | EC | RIP RAP | |
| FLEXIBLE GROWTH MATRIX | FGM | ROCK CHECK DAM | |
| INDIVIDUAL LOT EROSION CONTROL | LE | ROCK SEDIMENT DIKE | |
| INLET PROTECTION - TYPE A (FILTER FABRIC) | A | SEDIMENT BASIN | |
| INLET PROTECTION - TYPE A (SEDIMENT TUBE) | A | SEDIMENT TRAP | |
| INLET PROTECTION - TYPE B (WIRE MESH AND STONE) | B | SEDIMENT TUBE | |
| INLET PROTECTION - TYPE C (BLOCK AND GRAVEL) | C | SODDING | SO |
| INLET PROTECTION - TYPE E (CURB INLET SURFACE COURSE) | E | STABILIZED CONSTRUCTION ENTRANCE | |
| INLET PROTECTION - TYPE D (DROP INLET) | D | SURFACE ROUGHENING | SR |
| INLET PROTECTION - TYPE F (CURB INLET SEDIMENT TUBE) | F | TEMPORARY SEEDING | TS |
| LEVEL SPREADER | | TEMPORARY STREAM CROSSING | T |
| MULCHING | M | TURF REINFORCEMENT MAT | TR |
| OUTLET PROTECTION (RIP RAP) | | OUTLET PROTECTION (TURF REINFORCEMENT MAT) | |
| | | SILT FENCE ROCK OUTLET | |

Know what's below. Call before you dig.

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0 30' 60'
SCALE: 1" = 30'

PROJECT DATUM INFORMATION:
HORIZONTAL DATUM: SC83IF
VERTICAL DATUM: NAVD88

SOUTH CAROLINA DAVIS & FLOYD, INC. No. C00538 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 28235 RYAN C. LIGHTSEY


DAVIS & FLOYD
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222


OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE
SWPPP PLAN PHASE 1

| NO. | RELEASED | CHECKED | DATE |
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JOB NO. 32266.00
DATE 02/07/2025
DESIGNED RC
DRAWN RC
CHECKED RL
APPROVED RL

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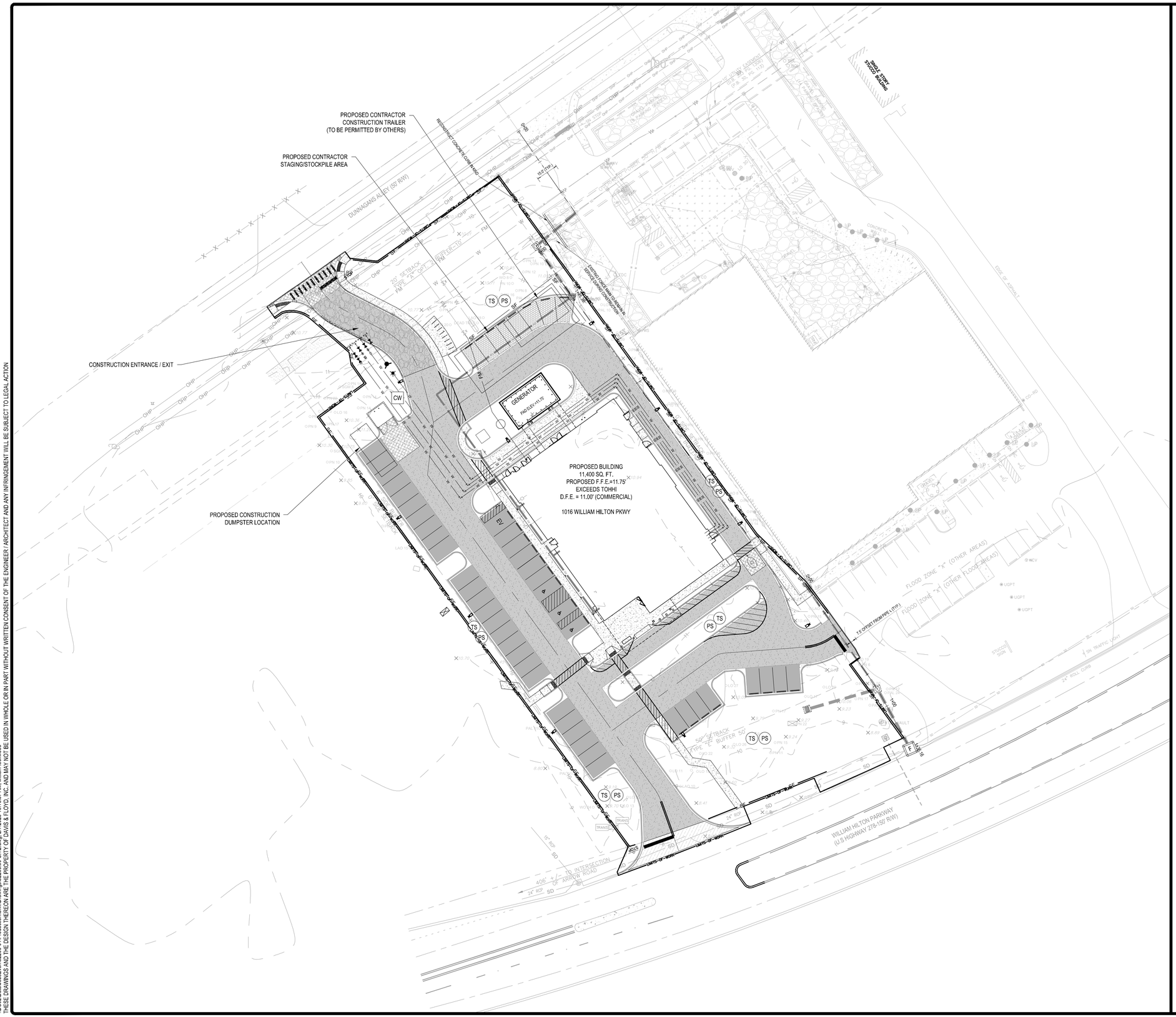


## SWPPP PLAN (PHASE 2) NOTES

1. REFER TO GENERAL NOTES, SPECIFICATIONS, AND CONTRACT DOCUMENTS.
2. SEE SWPPP NOTES SHEET C500 FOR SEQUENCE OF CONSTRUCTION AND GENERAL SWPPP NOTES.
3. CONTRACTOR SHALL INSTALL PERIMETER AND SEDIMENT CONTROLS PRIOR TO BEGINNING ADDITIONAL SITE WORK.
4. SEDIMENT TRAPS SHALL BE CONVERTED TO BIORETENTION BMP'S ONCE THE SITE HAS REACHED FINAL STABILIZATION.
5. REFER TO LANDSCAPE PLANS FOR FINAL STABILIZATION DETAILS.

## EROSION CONTROL LEGEND

| | | | |
|---|---|---|---|
| PROPERTY LINE | | | |
| RIGHT OF WAY | | | |
| EASEMENT | | | |
| BUFFER | | | |
| SETBACK | | | |
| LIMITS OF DISTURBANCE | NPDES | | |
| TREE PROTECTION | | | |
| CONSTRUCTION FENCE | CF | CF | |
| SILT FENCE | SF | SF | |
| SILT FENCE - REINFORCED | RSF | RSF | |
| CONCRETE WASHOUT | CW | PERMANENT SEEDING | PS |
| DUST CONTROL | DC | TEMPORARY SEEDING | TS |
| EROSION CONTROL BLANKET | EC | PORTABLE TOILET | PT |
| INLET PROTECTION - TYPE A (FILTER FABRIC) | A | RIP RAP | |
| INLET PROTECTION - TYPE D (DROP INLET) | D | SEDIMENT TUBE | |
| INLET PROTECTION - TYPE E (CURB INLET SURFACE COURSE) | E | SODDING | SO |
| OUTLET PROTECTION (RIP RAP) | | STABILIZED CONSTRUCTION ENTRANCE | |

Know what's below. Call before you dig.

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STATE PLANE

0 30' 60'
SCALE: 1" = 30'

PROJECT DATUM INFORMATION:
HORIZONTAL DATUM: SC83IF
VERTICAL DATUM: NAVD88

SOUTH CAROLINA
DAVIS & FLOYD, INC
No. C00538
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED PROFESSIONAL ENGINEER
No. 28235
RYAN C. LEWIS

**DAVIS & FLOYD**
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222

OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL
EMERGENCY & URGENT CARE

DRAWING TITLE
SWPPP PLAN PHASE 2

| NO. | REVISIONS | CHECKED | DATE |
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JOB No. 32266.00
DATE 02/07/2025
DESIGNED RC
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CHECKED RL
APPROVED RL

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PAGE 13 OF 23

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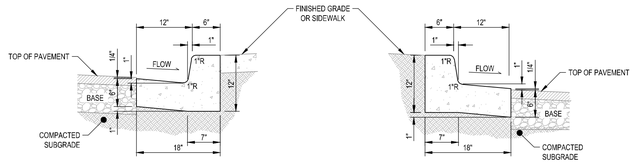



TYPICAL CATCH SECTION

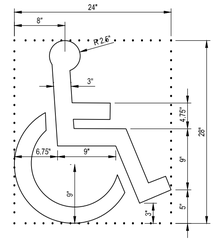
ALTERNATE PITCH SECTION

NOTES:

1. ALL WORK, MATERIALS, AND CONSTRUCTION SHOULD MEET THE MINIMUM REQUIREMENTS OF THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION'S (SCDOT) STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, CURRENT EDITION.
2. USE MINIMUM 2,500 PSI CONCRETE (28 DAY).
3. CONCRETE CURB AND GUTTER SHALL HAVE A BROOMED FINISH.
4. HEIGHT OF CURB VARIES AT HANDICAP RAMPS.
5. PROVIDE CONTRACTION JOINTS EVERY 10' AND 3/4" EXPANSION JOINTS EVERY 30'.
6. DETAIL PROVIDED FOR WORK WITHIN LOCAL STREETS AND ON PRIVATE PROPERTY. WORK WITHIN SCDOT RIGHT-OF-WAY SHALL BE GOVERNED BY SCDOT STANDARD DRAWINGS AND SPECIFICATIONS.

## STANDARD 18" CONCRETE CURB AND GUTTER

N.T.S.

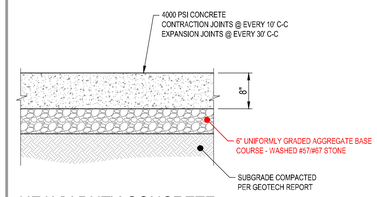



NOTES:

1. INSTALLATION OF ALL SIGNS AND MARKINGS SHALL BE IN COMPLIANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION.
2. INTERNATIONAL SYMBOL OF ACCESSIBILITY MARKING (FIG. 3B-22, MUTCD, 2009.).
3. CENTER IN PARKING SPACE APPROX. 3.5' FROM THE ENTRANCE OF THE PARKING SPACE.
4. APPLY (2) COATS HANDICAP BLUE COLORED PAINT. 3" MINIMUM STROKE WIDTH.

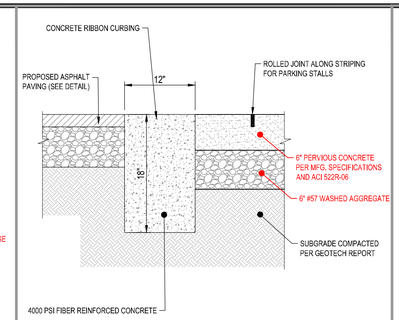
## ADA PARKING SYMBOL

N.T.S.



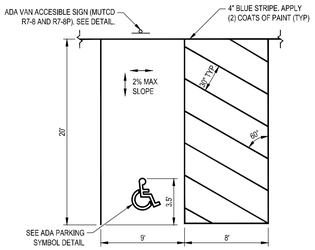

## HEAVY DUTY CONCRETE

N.T.S.




## PERVIOUS CONCRETE & RIBBON CURB

N.T.S.

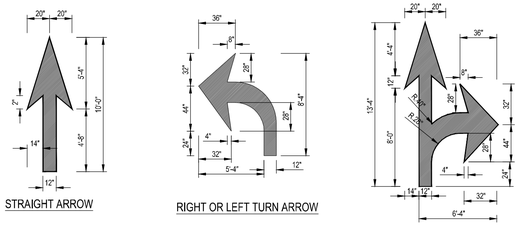



NOTES:

1. INSTALLATION OF ALL SIGNS AND MARKINGS SHALL BE IN COMPLIANCE WITH ADA REGULATIONS, LATEST EDITION.
2. SEE PLANS FOR LOCATION OF ADA STALLS AND ACCESS AISLES.
3. USE HANDICAP BLUE COLORED PAINT.

## VAN ACCESSIBLE STALL STRIPING

N.T.S.




STRAIGHT ARROW

RIGHT OR LEFT TURN ARROW

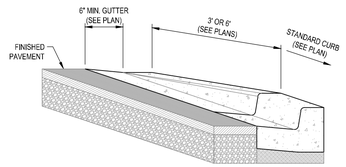
COMBINATION STRAIGHT AND LEFT OR RIGHT TURN ARROW

NOTES:

1. REFER TO SCDOT STANDARD DRAWING 625-000 "PAVEMENT MARKINGS"
2. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES 2009 EDITION.
3. TRAFFIC FLOW ARROWS SHALL BE PAINTED WITH TWO COATS OF SOLID WHITE PAINT PER SCDOT SPECIFICATION.

## TRAFFIC FLOW ARROWS

N.T.S.

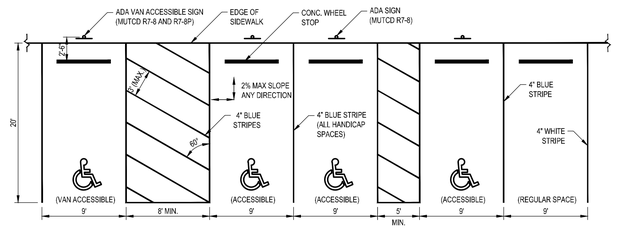



NOTE:

1. ALL WORK, MATERIALS, AND CONSTRUCTION SHOULD MEET THE MINIMUM REQUIREMENTS OF THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION'S (SCDOT) STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, CURRENT EDITION.
2. USE TRANSITION CURBS AT END OF CURB AND GUTTER SECTIONS AND WHERE DROPPED CURBS ARE REQUIRED, SUCH AS AT ADA RAMPS.
3. USE MINIMUM 2,500 PSI CONCRETE (28 DAY).
4. CONCRETE CURB AND GUTTER SHALL HAVE A BROOMED FINISH.
5. HEIGHT OF CURB VARIES AT HANDICAP RAMPS.

## CURB TRANSITION

N.T.S.

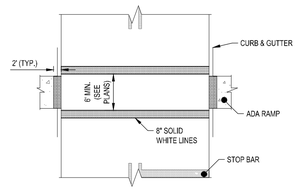



NOTES:

1. INSTALLATION OF ALL SIGNS AND MARKINGS SHALL BE IN COMPLIANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION.
2. SEE PLANS FOR LOCATION OF ADA STALLS AND ACCESS AISLES.
3. ACCESS AISLE FOR VAN-ACCESIBLE SPACES SHALL BE ON PASSENGER SIDE OF THE SPACE.
4. USE HANDICAP BLUE COLORED PAINT.

## ADA ACCESS LANE MARKINGS FOR CAR PARKING

N.T.S.

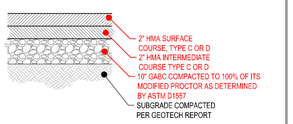



NOTES:

1. REFER TO SCDOT STANDARD DRAWING 625-305-00 "STANDARD MARKINGS FOR INTERSECTIONS"
2. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION.
3. EXTEND CROSSWALK LINES ALL THE WAY ACROSS THE TRAVEL WAY.

## PEDESTRIAN CROSSWALK

N.T.S.

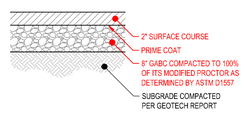



NOTES:

1. ALL WORK, MATERIALS, AND CONSTRUCTION SHOULD MEET THE MINIMUM REQUIREMENTS OF THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION'S (SCDOT) STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, CURRENT EDITION.
2. SUBGRADE AND BASE COURSE SHALL BE PROOF ROLLED IN THE PRESENCE OF THE ENGINEER OR OWNER'S REPRESENTATIVE.
3. THE SUBGRADE SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY, AS DETERMINED BY THE STANDARD PROCTOR TEST.
4. USE FOR TRUCK AND DRIVE AREAS.

## HEAVY DUTY ASPHALT SECTION

N.T.S.

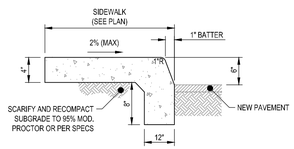



NOTES:

1. ALL WORK, MATERIALS, AND CONSTRUCTION SHOULD MEET THE MINIMUM REQUIREMENTS OF THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION'S (SCDOT) STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, CURRENT EDITION.
2. SUBGRADE AND BASE COURSE SHALL BE PROOF ROLLED IN THE PRESENCE OF THE ENGINEER OR OWNER'S REPRESENTATIVE.
3. THE SUBGRADE SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY, AS DETERMINED BY THE STANDARD PROCTOR TEST.
4. USE FOR PARKING SPACES AND OTHER LOW-WEIGHT VEHICLE AREAS.

## MEDIUM DUTY ASPHALT SECTION

N.T.S.

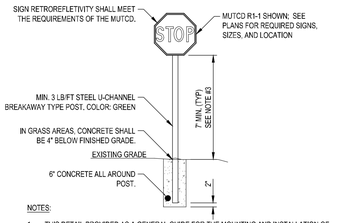



NOTES:

1. USE MINIMUM 2,500 PSI CONCRETE (28 DAYS).
2. CONCRETE CURB SHALL HAVE A BROOMED FINISH.
3. PROVIDE CONTRACTION JOINTS EVERY 10' AND 3/4" EXPANSION JOINTS EVERY 30'.
4. PROVIDE 1/4" TOOLED JOINT EVERY 5.5' FOR CONTRACTION.

## TURN-DOWN SIDEWALK & CURB SECTION

N.T.S.

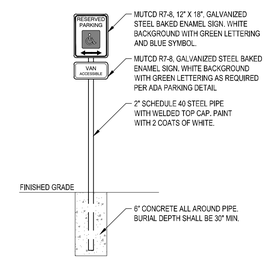



NOTES:

1. THIS DETAIL PROVIDED AS A GENERAL GUIDE FOR THE MOUNTING AND INSTALLATION OF ALL SIGNS. SEE PLANS FOR TYPES OF SIGNS USED AND THEIR LOCATIONS. SIGNS SHALL BE PLACED AS SHOWN ON THE PLANS. SEE TYPICAL STOP SIGN PLACEMENT DETAIL.
2. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION.
3. 7' MIN. TO PAVEMENT OR SIDEWALK FOR SINGLE SIGN MOUNTED ON A POST; REFER TO MUTCD AND SCDOT GUIDELINES FOR MULTIPLE SIGNS MOUNTED ON A SINGLE POST.
4. STOP SIGNS SHALL CONFORM TO SCDOT STANDARDS.

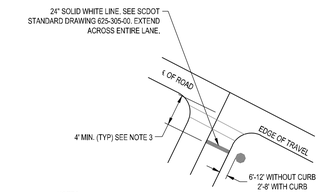
## STOP SIGN INSTALLATION

N.T.S.




## VAN ACCESSIBLE PARKING SIGN

N.T.S.

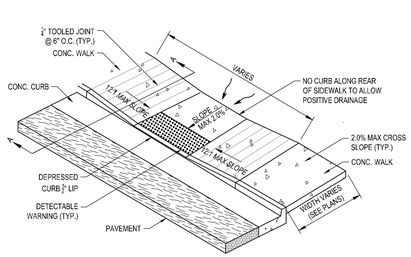



NOTES:

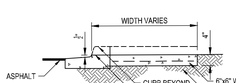
1. REFER TO SCDOT STANDARD DRAWING 625-305-00 "STANDARD MARKINGS FOR INTERSECTIONS"
2. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION.
3. PLACE STOP BAR MIN. 4' IN ADVANCE OF NEAREST MARKED CROSSWALK LINE. IN THE ABSENCE OF A MARKED CROSSWALK, THE STOPLINE SHOULD BE PLACES 4' MIN. AND 30' MAX. FROM THE EDGE OF TRAVEL OF THE INTERSECTING ROUTE.

## STOP BAR AND STOP SIGN PLACEMENT

N.T.S.




PLAN



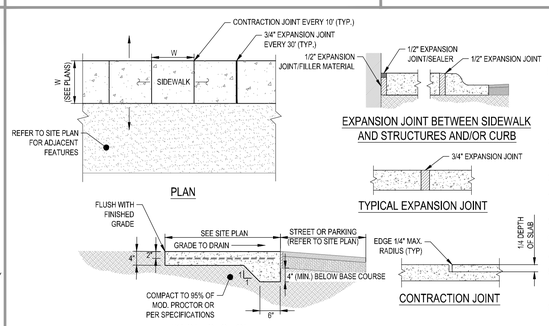

SECTION A-A

NOTES:

1. INSTALLATION OF ALL RAMPS SHALL BE IN COMPLIANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION.
2. USE MINIMUM 2,500 PSI CONCRETE (28 DAYS).
3. COMPACT SUBGRADE TO 95% OF MOD. PROCTOR.
4. SEE SITE PLANS FOR RAMP DIMENSIONS.
5. RAMP SURFACE SHALL HAVE A COARSE FINISH CONTRASTING TO SURROUNDING WALKWAY
6. 1/4" MAX. TRANSITION BETWEEN RAMP AND CURB.
7. WELDED WIRE MESH TO BE USED AS REINFORCEMENT
8. DETAIL SHOWN IS FOR SIDEWALK IMMEDIATELY ADJACENT TO CURB AND GUTTER.
9. CONCRETE CURB SHALL TRANSITION WITH RAMP FOR 6' MIN.

## ADA RAMP

N.T.S.

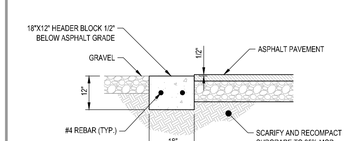



NOTES:

1. ALL WORK, MATERIALS, AND CONSTRUCTION SHOULD MEET THE MINIMUM REQUIREMENTS OF THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION'S (SCDOT) STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, CURRENT EDITION.
2. SIDEWALKS DESIGNATED AS ACCESSIBLE ROUTES SHALL BE IN COMPLIANCE WITH ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION.
3. MAXIMUM CROSS SLOPE SHALL BE 2% (50:1).
4. MAXIMUM SLOPE ALONG SIDEWALK ALIGNMENT SHALL BE 8.3% (12:1).
5. USE MINIMUM 4,000 PSI CONCRETE (28 DAY).
6. USE WWF 6" X 6" / W1.4 X W1.4
7. SIDEWALK SHALL HAVE A BROOMED FINISH.
8. SPACE CONTRACTION JOINTS ON 10' CENTERS OR AS REQUIRED TO ACHIEVE UNIFORM SPACING BETWEEN EXPANSION JOINTS.
9. EXPANSION JOINTS SHALL BE INSTALLED EVERY 30' AND AT ALL JOINTS BETWEEN SLABS OF VARYING THICKNESS.
10. PROVIDE 1/2" EXPANSION JOINT WHERE SIDEWALK ABUTS BUILDING OR CURB.

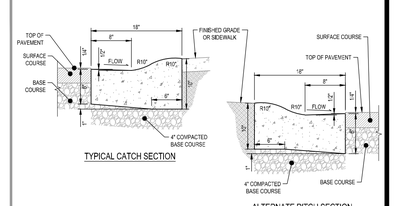
## FLUSH CONCRETE SIDEWALK

N.T.S.




## HEADER FLAT CURB

N.T.S.




NOTES:

1. ALL WORK, MATERIALS, AND CONSTRUCTION SHOULD MEET THE MINIMUM REQUIREMENTS OF THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION'S (SCDOT) STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, CURRENT EDITION.
2. USE MINIMUM 2,500 PSI CONCRETE (28 DAY).
3. CONCRETE CURB AND GUTTER SHALL HAVE A BROOMED FINISH.
4. HEIGHT OF CURB VARIES AT HANDICAP RAMPS.
5. PROVIDE CONTRACTION JOINTS EVERY 10' AND 3/4" EXPANSION JOINTS EVERY 30'.
6. DETAIL PROVIDED FOR WORK WITHIN LOCAL STREETS AND ON PRIVATE PROPERTY. WORK WITHIN SCDOT RIGHT-OF-WAY SHALL BE GOVERNED BY SCDOT STANDARD DRAWINGS AND SPECIFICATIONS.

## 18" ROLL CURB

N.T.S.

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SOUTH CAROLINA PROFESSIONAL ENGINEER No. 28235 WILLIAM R. LOCKWOOD
DAVIS & FLOYD
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
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843-379-2222

OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

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SITE DETAILS

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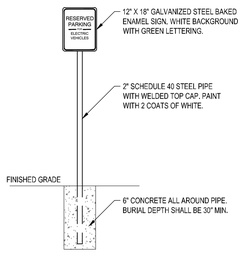
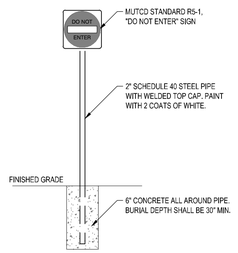



ELECTRIC VEHICLE PARKING SIGN

N.T.S.




DO NOT ENTER SIGN

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THESE DRAWINGS AND THE DESIGN THEREON ARE THE PROPERTY OF DAVIS & FLOYD, INC. AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF THE ENGINEER / ARCHITECT AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION

SOUTH CAROLINA DAVIS & FLOYD, INC. No. C00538 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 28235 WILLIAM R. BYRN

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PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL
EMERGENCY & URGENT CARE

DRAWING TITLE
SITE DETAILS

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JOB NO. 32266.00
DATE 02/07/2025
DESIGNED RC
DRAWN BY RC
CHECKED RL
APPROVED RL

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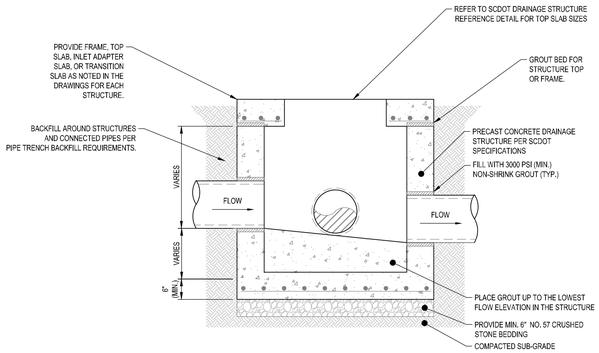
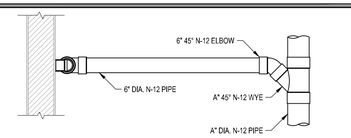



NOTES:

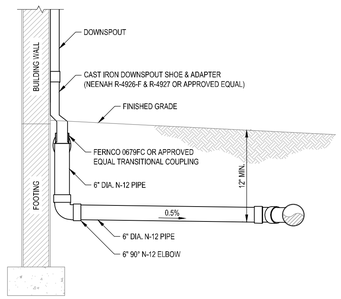
1. SCDOT MATERIALS AND CONSTRUCTION TYP. NOTE.
2. CONTRACTOR SHALL PROVIDE STRUCTURES SUITABLE TO ACCOMMODATE DRAINAGE PIPE SIZES INDICATED ON THE PLANS AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS.
3. ALL MANHOLE LIDS AND CATCH BASINS SHALL CONTAIN A LABEL IDENTIFYING THE SYSTEM AS STORMWATER AND MARKED WITH AN APPROPRIATE STORMWATER AWARENESS MESSAGE SUCH AS "NO DUMPING - DRAINS TO WATERWAYS".
4. WHEN LOCATING DRAINAGE STRUCTURES THAT ARE IN CONFLICT WITH UTILITIES, FOUNDATIONS, RETAINING WALL COMPONENTS, GUARDRAIL POSTS, OR OTHER SUBSURFACE STRUCTURES, NOTIFY THE ENGINEER BEFORE RELOCATING EITHER CONFLICTING PART.
5. USE ONLY NON-SHRINK GROUT.
6. USE AT LEAST 6" THICK PRECAST WALLS, OR 8" THICK BRICK MASONRY WALLS.
7. USE NO MORE THAN ONE TRANSITION SLAB AND ONE INLET ADAPTER SLAB IN A SINGLE STRUCTURE.
8. WHEN WITHIN THE PEDESTRIAN ACCESS ROUTE (SIDEWALKS, CROSSWALKS, ACCESSIBLE PARKING, ETC.) USE ONLY DRAINAGE SYSTEMS DESIGNATED AS ADA COMPLIANT.
9. LOCATE BICYCLE RATED GRATES OUTSIDE OF THE PEDESTRIAN ACCESS ROUTE. SET BICYCLE RATED GRATES FLUSH TO WITHIN + 0" TO -1/4" OF ADJACENT PAVEMENT GRADE OR FLUSH TO WITHIN +0" TO -1" OF ADJACENT SOILS FOR NON-PAVED LOCATIONS.
10. IN ADDITION TO STANDARD FOUNDRY MARKINGS, MARK ALL PIECES WITH "DRAINS TO WATERWAY". WHERE SPACE PERMITS.
11. WHEN THE PROJECT PLANS SPECIFY IMPROVED FOUNDATION FOR PIPE, EXTEND THIS UNDERCUT AND IMPROVED PROCEDURE THROUGH AND UNDER THE FOOTPRINT OF THE BASE SLAB OF THE DRAINAGE STRUCTURE.
12. USE THE SAME FOUNDATION AND BEDDING DETAIL ESTABLISHED FOR THE PIPE CULVERTS (SEE STANDARD DRAWING SECTION 714).
13. PROJECT PIPE THROUGH THE INSIDE FACE OF THE BOX. 1" TO (+/- 1/4") BEYOND THE INSIDE FACE WHEN MEASURED AT THE SPRINGLINE OF THE PIPE.
14. SKEWED PIPE MAY BE REQUIRED TO EXTEND FURTHER INTO PIPE TO FACILITATE THE FLUSH OUT.
15. FULLY GROUT THE PERIMETER OF THE PIPE TO FILL THE BOX WALL OPENING.
16. ON THE INSIDE FACE OF THE BOX, BEVEL THE GROUT THE FULL AMOUNT OF EACH PIPE PROJECTION AND TO FULLY COVER THE BOX WALL OPENING WITH 1" OVERLAP. ON THE OUTSIDE FACE OF THE BOX, PACK GROUT UNDER THE PIPE TO FILL ANY GAPS IN THE PIPE BEDDING/FOUNDATION DIRECTLY AT THE BOX AND BEVEL GROUT AROUND THE PERIMETER OF THE PIPE TO FULLY COVER THE BOX WALL OPENING WITH 1" OVERLAP.
17. GROUT OR MORTAR THE ENTIRE FLOOR OF THE BOX UP TO THE INVERT ELEVATION OF THE LOWEST OUTLET PIPE.
18. CONSTRUCT KEYED OR LAPPED JOINTS FOR ALL PRECAST SOLID WALL BOX AND RISER SECTIONS EXCEPT WHEN JOINT ATTACHES TO A FLAT ADAPTER SLAB.
19. GROUT THE INTERFACE BETWEEN THE BOX/RISERS AND THE SLAB WITH A 1/2" LIFT OF NON-SHRINK GROUT.
20. FOR CAST OR STEEL FRAMES PLACED DIRECTLY ON BRICK OR CONCRETE, USE EITHER A NON-SHRINK GROUT LIFT OR A PREFABRICATED RISER/GASKET SPECIFICALLY MADE FOR THIS INTERFACE.
21. COMPLETELY REMOVE LIFTING DEVICES FROM TOP SLABS, AND CLOSE ANY RECESSES OR LIFT HOLE IN SLABS THAT FORM THE SIDEWALK SURFACE WITH GROUT.
22. USE PIPE SELECT BACKFILL AND COMPACTION METHOD DESCRIBED IN SC-M-714 FOR SOIL AROUND THE ENTIRE PERIMETER OF THE BOX WITHIN EACH PIPE EMBEDMENT ZONE AND THE TRENCH EXCAVATION CREATED TO INSTALL THE BOX AND PIPE(S).
23. WHERE REQUIRED, HAND FORM THROATED INLETS AND CONCRETE APRONS.
24. WHERE PRECAST COMPONENTS SERVE AS SIDEWALK SURFACE, SET ELEVATION TO MATCH SIDEWALK GROSS SLOPE AND PROFILE WITH NO MORE THAN 1/8" GRADE DIFFERENCE.
25. WHERE PRECAST COMPONENTS INTERFACE ROADWAY PAVEMENTS, SET ELEVATION OF THE SLAB TO WITHIN 1/4" OF FINISHED GRADE ELEVATION.

## TYPICAL PRE-CAST DRAINAGE STRUCTURE

N.T.S.




PLAN




PROFILE

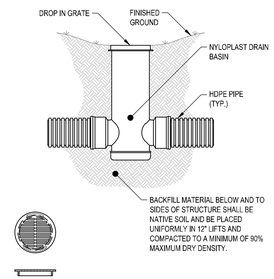
NOTES

1. ALL PIPES AND FITTINGS SHALL BE N-12 HDPE AS MANUFACTURED BY ADS INC., OR APPROVED EQUAL.
2. PIPES AND FITTINGS SHALL BE SIZED IN ACCORDANCE WITH ROOF DRAINAGE SCHEDULE.
3. ALL PIPING SHALL BE SLOPED FOR POSITIVE DRAINAGE.
4. TIE-INS TO STORM DRAINAGE SHALL BE ACCOMPLISHED THROUGH ONEOF THE FOLLOWING:
   - INSERT-A-TEE OR APPROVED EQUAL FITTING AT SPRINGLINE OF STORM PIPING.
   - TIE IN AT STRUCTURES 6" ABOVE IE (OUT).
5. TIE-INS TO VERTICAL DOWN SPOUT COMPONENTS SHALL BE A STANDARD COUPLING.
6. PIPING AND FITTINGS SHALL EXTEND A MINIMUM OF 6" ABOVE FINISHED GRADE OR 4" ABOVE FINISHED PAVEMENT.
7. CLEANOUT SHALL BE INSTALLED AT ALL CHANGES IN ROOF DRAIN DIRECTION.

| ROOF DRAINAGE SCHEDULE | |
|---|---|
| NO. OF DOWN SPOUTS | HDPE STORM PIPE |
| 1 | 6" |
| 2 | 8" |
| 3 | 10" |
| >4 | 12" |

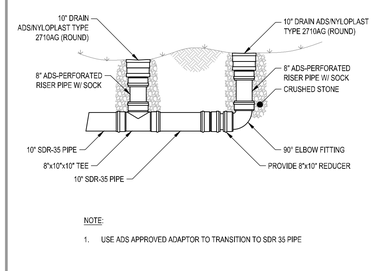
## ROOF DRAIN

N.T.S.




## NYOPLAST YARD INLET

N.T.S.

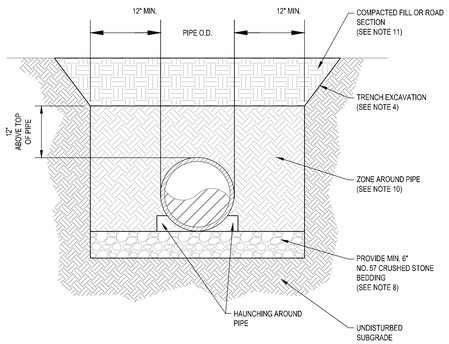



NOTE:

1. USE ADS APPROVED ADAPTOR TO TRANSITION TO SDR 35 PIPE

## NYOPLAST YARD INLET - TYPE 1

N.T.S.




NOTES:

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION, UNLESS NOTED OTHERWISE.
2. ALL INSTALLATIONS SHALL BE PERFORMED IN ACCORDANCE WITH PIPE MANUFACTURER'S RECOMMENDATION.
3. PROTECT EXISTING STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGES CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, AND OTHER HAZARDS CREATED BY TRENCHING OPERATIONS.
4. SLOPE, BENCH, BRACE, SHORE, OR SHIELD ALL TRENCH EXCAVATIONS IN ACCORDANCE WITH OSHA CONSTRUCTION STANDARDS FOR EXCAVATION.
5. PROVIDE PUMPING AND DRAINAGE FACILITIES ADEQUATE TO KEEP THE EXCAVATED AREA SUFFICIENTLY DRY FROM GROUNDWATER AND SURFACE RUNOFF DURING CONSTRUCTION.
6. FINE GRADE THE BOTTOM OF TRENCH TO ALLOW FIRM BEARING OF THE BOTTOM OF THE PIPE. PROVIDE BELL HOLES AT EACH JOINT LOCATION.
7. WRAP ALL PIPE JOINTS WITH MIN. 6 OZ/SY NON-WOVEN FILTER FABRIC, US 160NW OR EQUIVALENT.
8. PROVIDE CRUSHED STONE OR GRAVEL BEDDING MEETING ASTM C 33, GRADATION 57 (NO. 57). UNDERCUT UNSUITABLE SOILS IN TRENCH BOTTOMS AND PROVIDE ADDITIONAL UNITS OF STONE BEDDING AS DIRECTED BY THE ENGINEER.
9. BACKFILL TRENCH WITH SUITABLE NATIVE MATERIALS WITH NO FRAGMENTS LARGER THAN 2 INCHES IN GREATEST DIMENSION. BACKFILL UP TO A LEVEL OF 2 FEET OVER TOP OF THE PIPE SHALL CONTAIN NO ROCK, CLODS, OR ORGANIC MATERIALS.
10. BACKFILL IN ZONE AROUND PIPE TO BE PLACED IN 6" LIFTS AND COMPACTED TO 100% STANDARD PROCTOR MAX. DENSITY (TEST METHOD C, ASTM D698), OR AS DIRECTED BY GEOTECHNICAL ENGINEER. COMPACT THOROUGHLY UNDER PIPE HAUNCHES AND TAMP UNIFORMLY TO PREVENT LATERAL DISPLACEMENT OF THE PIPE.
11. REMAINING BACKFILL ABOVE PIPE ZONE SHALL BE COMPACTED TO 92% MAX. DENSITY IN UNPAVED AREAS, OR 95% MAX. DENSITY IN PAVED AREAS, UNLESS NOTED OTHERWISE.

## RCP TRENCH

N.T.S.

\\DC02\Data\JobsEven\32266-01\Production\Civil\Drawings\32266.00-DETAILS.dwg, 2/7/2025 10:16:46 AM, william lockwood
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SOUTH CAROLINA DAVIS & FLOYD, INC No. C00538 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 28235 RYAN C. LOCKLEAR

DAVIS & FLOYD
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222

OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND

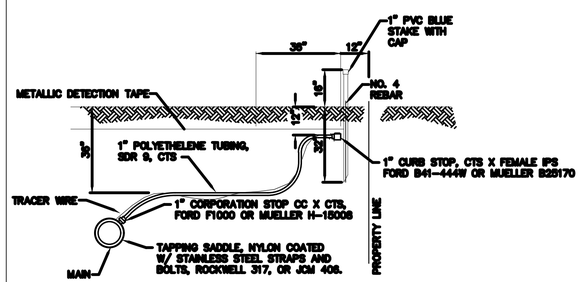
PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE
GRADING AND DRAINAGE DETAILS

| NO. | REVISIONS | CHECKED | DATE |
|---|---|---|---|

JOB NO. 32266.00
DATE 02/07/2025
DESIGNED RC
DRAWN RC
CHECKED RL
APPROVED RL

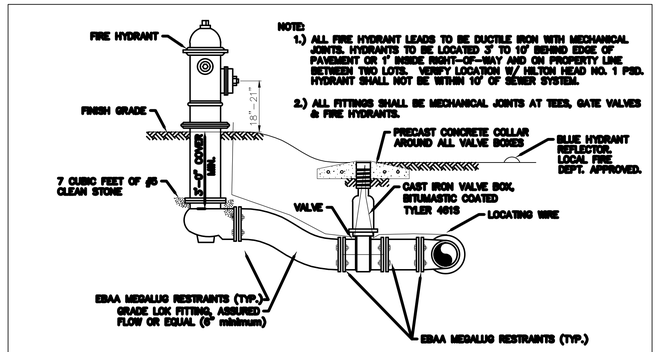
C830




1" WATER SERVICE CONNECTION DETAIL

NOT TO SCALE

| HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT | | |
|---|---|---|
| 1" WATER SERVICE CONNECTION DETAIL | | |
| APPROVED BY: LC | DATE: Feb. 1997 | DRAWING NO. VIII-1 |
| SCALE: NTS | REVISION: Jan. 2001 | |



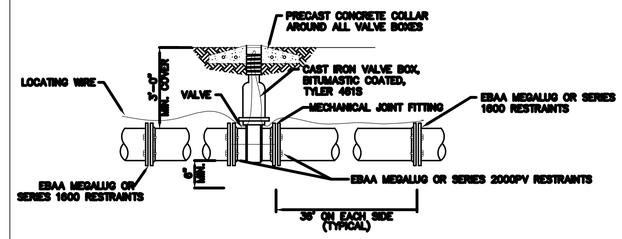

NOTE:
1.) ALL FIRE HYDRANT LEADS TO BE DUCTILE IRON WITH MECHANICAL JOINTS. HYDRANTS TO BE LOCATED 3' TO 10' BEHIND EDGE OF PAVEMENT OR 1' INSIDE RIGHT-OF-WAY AND ON PROPERTY LINE BETWEEN TWO LOTS. VERIFY LOCATION W/ HILTON HEAD NO. 1 PSD. HYDRANT SHALL NOT BE WITHIN 10' OF SEWER SYSTEM.

2.) ALL FITTINGS SHALL BE MECHANICAL JOINTS AT TEES, GATE VALVES & FIRE HYDRANTS.

FIRE HYDRANT, VALVE & TEE SETTING

NOT TO SCALE

| HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT | | |
|---|---|---|
| FIRE HYDRANT, VALVE & TEE SETTING | | |
| APPROVED BY: LC | DATE: Feb. 1997 | DRAWING NO. VIII-2 |
| SCALE: NTS | REVISION: JAN. 2001 | |

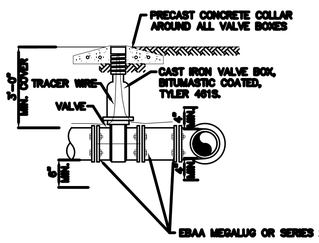



GATE VALVE SETTING DETAIL

NOT TO SCALE

| HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT | | |
|---|---|---|
| GATE VALVE SETTING DETAIL | | |
| APPROVED BY: LC | DATE: Feb. 1997 | DRAWING NO. VIII-3 |
| SCALE: NTS | REVISION: JAN. 2001 | |

NOTE:
1.) ALL FITTINGS SHALL BE MECHANICAL JOINTS.
2.) TRACER WIRE SHALL BE LOOPED TO THE TOP OF THE VALVE BOX.




VALVE & TEE SETTING DETAIL

NOT TO SCALE

| HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT | | |
|---|---|---|
| VALVE & TEE SETTING DETAIL | | |
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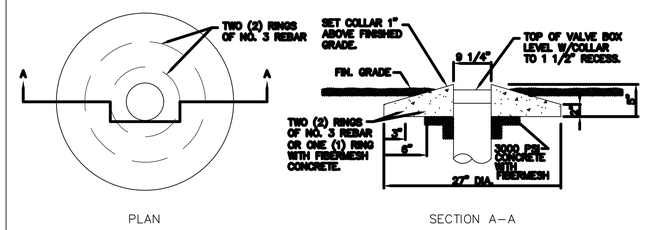
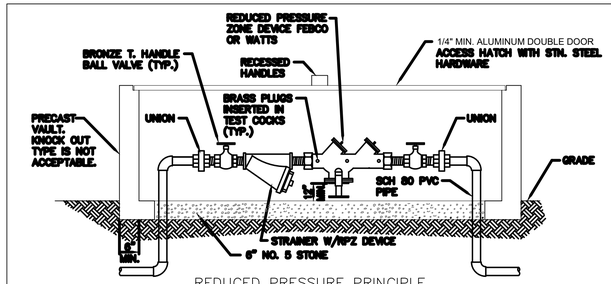
| SCALE: NTS | REVISION: JAN. 2001 | |




PRECAST CONCRETE COLLAR DETAIL

NOT TO SCALE

| HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT | | |
|---|---|---|
| PRECAST CONCRETE COLLAR DETAIL | | |
| APPROVED BY: LC | DATE: Feb. 1997 | DRAWING NO. VIII-6 |
| SCALE: NTS | REVISION: XXXXXXX | |

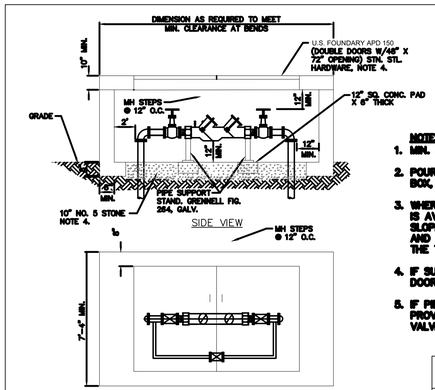



REDUCED PRESSURE PRINCIPLE
BACKFLOW PREVENTOR – 2 1/2" AND SMALLER

NOT TO SCALE

NOTES:
1. MIN. WIDTH OF BOX 4' INSIDE.
2. POURED CONCRETE OR PRECAST CONCRETE BOX, KNOCK-OUT TYPE IS NOT ACCEPTABLE
3. WHERE A POSITIVE DRAIN (NO SURCHARGING) IS AVAILABLE, A FLOOR DRAIN WITH A 2" SLOPED CONCRETE BOTTOM MAY BE USED AND VAULT AND THE VAULT CAN BE INSTALLED WITH THE TOP 2" ABOVE GRADE.
4. IF SUBJECT TO TRAFFIC PROVIDE A HEAVIER DOOR.

| HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT | | |
|---|---|---|
| REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTOR – 2 1/2" AND SMALLER | | |
| APPROVED BY: LC | DATE: Feb. 1997 | DRAWING NO. VIII-9 |
| SCALE: NTS | REVISION: XXXXXXX | |

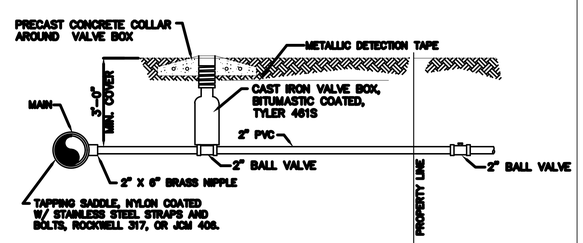



DOUBLE CHECK OR BACKFLOW PREVENTER
3" AND LARGER

NOT TO SCALE

NOTES:
1. MIN. WIDTH OF BOX 6' INSIDE.
2. POURED CONCRETE OR PRECAST CONCRETE BOX, KNOCK-OUT TYPE IS NOT ACCEPTABLE
3. WHERE A POSITIVE DRAIN (NO SURCHARGING) IS AVAILABLE, A FLOOR DRAIN WITH A 2" SLOPED CONCRETE BOTTOM MAY BE USED AND THE VAULT CAN BE INSTALLED WITH THE TOP 2" ABOVE GRADE.
4. IF SUBJECT TO TRAFFIC PROVIDE A HEAVER DOOR.
5. IF PIPING ENTERS THROUGH SIDE OF BOX, PROVIDE A UNIFLANGE COUPLING AT THE VALVE CONNECTION.

| HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT | | |
|---|---|---|
| DOUBLE CHECK OR BACKFLOW PREVENTER 3" AND LARGER | | |
| APPROVED BY: LC | DATE: Feb. 1997 | DRAWING NO. VIII-10 |
| SCALE: NTS | REVISION: XXXXXXX | |




2" SERVICE CONNECTION DETAIL

NOT TO SCALE

| HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT | | |
|---|---|---|
| 2" SERVICE CONNECTION DETAIL | | |
| APPROVED BY: LC | DATE: Feb. 1997 | DRAWING NO. VIII-12 |
| SCALE: NTS | REVISION: XXXXXXX | |

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OWNER: BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
PROJECT TITLE: BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE: WATER DETAILS

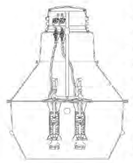
| NO. | REVISED | CHECKED | DATE |
|---|---|---|---|

JOB NO. 32266.00
DATE 02/07/2025
DESIGNED RC
DRAWN RC
CHECKED RL
APPROVED RL

C840

E/ONE EXTREME SERIES

# DH502/DR502



### General Features

The model DH502 or DR502 grinder pump station is a complete unit that includes: two grinder pumps, check valve, FRP (fiberglass reinforced polyester) tank, controls, and alarm panel. A single DH502 or DR502 is ideal for up to nine, average single-family homes and can also be used for up to 24 average single-family homes where codes allow and with consent of the factory.

- Rated for flows of 9000 gpd (22,714 lpd)
- 500 gallons (1893 liters) of capacity
- Indoor or outdoor installation
- Standard outdoor heights range from 104 inches to 180 inches

The DH502 is the "hardwired," or "wired," model where a cable connects the motor controls to the level controls through watertight penetrations.

The DR502 is the "radio frequency identification" (RFID), or "wireless," model that uses wireless technology to communicate between the level controls and the motor controls.

### Operational Information

*Motor*
1 hp, 1,725 rpm, high torque, capacitor start, thermally protected, 120/240V, 60 Hz, 1 phase

*Inlet Connections*
4-inch inlet grommet standard for DWV pipe. Other inlet configurations available from the factory.

*Discharge Connections*
Pump discharge terminates in 1.25-inch NPT female thread. Can easily be adapted to 1.25-inch PVC pipe or any other material required by local codes.

*Discharge*
15 gpm at 0 psig (0.05 lps at 0 m)
11 gpm at 40 psig (0.69 lps at 26 m)
7.8 gpm at 60 psig (0.49 lps at 56 m)

### Accessories

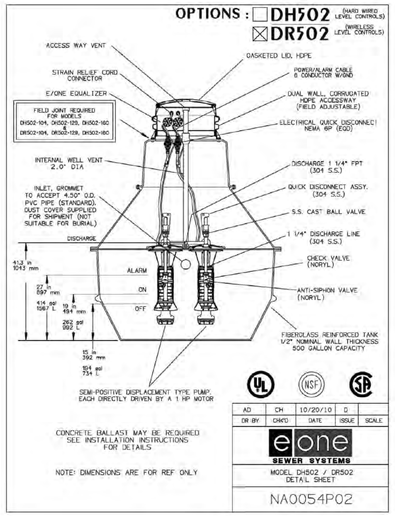
E/One requires that the Uni-Lateral, E/One's own stainless steel check valve, be installed between the grinder pump station and the street main for added protection against backflow.

Alarm panels are available with a variety of options, from basic monitoring to advanced notice of service requirements.

The Remote Sentry is ideal for installations where the alarm panel may be hidden from view.

NA0054P01 Rev E

## OPTIONS : ☐ DH502 (HARD WIRED LEVEL CONTROLS) ☒ DR502 (WIRELESS LEVEL CONTROLS)




CONCRETE BALLAST MAY BE REQUIRED SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REF ONLY

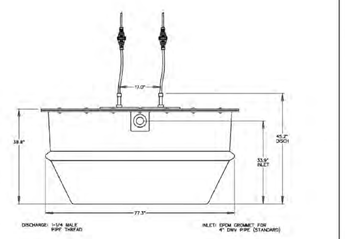
| AD | CH | 10/20/10 | D |
|---|---|---|---|
| DR BY | CHK'D | DATE | ISSUE | SCALE |

e/one SEWER SYSTEMS

MODEL DH502 / DR502 DETAIL SHEET

NA0054P02

## DH502-39 INDOOR UNIT




NOTE: DIMENSIONS ARE FOR REF ONLY

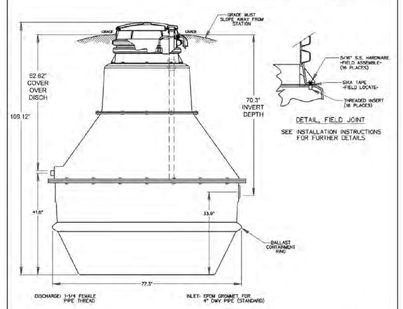
| AD | CAH | 04/25/07 | A | 1/20 |
|---|---|---|---|---|
| DR BY | CHK'D | DATE | ISSUE | SCALE |

e/one SEWER SYSTEMS

MODEL DH502-39

NA0054P03

## OPTIONS : ☐ DH502-104 (HARD WIRED LEVEL CONTROLS) ☒ DR502-104 (WIRELESS LEVEL CONTROLS)




CONCRETE BALLAST MAY BE REQUIRED SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REF ONLY

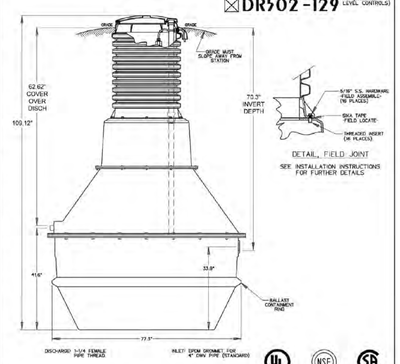
| AD | CAH | 07/13/07 | B | 1/20 |
|---|---|---|---|---|
| DR BY | CHK'D | DATE | ISSUE | SCALE |

e/one SEWER SYSTEMS

MODEL DH502-104 / DR502-104

NA0054P04

## OPTIONS : ☐ DH502-129 (HARD WIRED LEVEL CONTROLS) ☒ DR502-129 (WIRELESS LEVEL CONTROLS)




CONCRETE BALLAST MAY BE REQUIRED SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REF ONLY

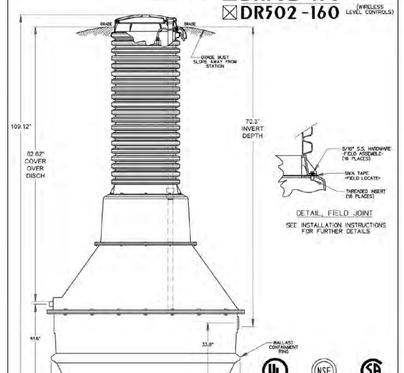
| AD | CAH | 7/13/07 | B | 1/20 |
|---|---|---|---|---|
| DR BY | CHK'D | DATE | ISSUE | SCALE |

e/one SEWER SYSTEMS

MODEL DH502-129 / DR502-129

NA0054P05

## OPTIONS : ☐ DH502-160 (HARD WIRED LEVEL CONTROLS) ☒ DR502-160 (WIRELESS LEVEL CONTROLS)




CONCRETE BALLAST MAY BE REQUIRED SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REF ONLY

| AD | CAH | 07/13/07 | B | 1/20 |
|---|---|---|---|---|
| DR BY | CHK'D | DATE | ISSUE | SCALE |

e/one SEWER SYSTEMS

MODEL DH502-160 / DR502-160

NA0054P06

E/ONE EXTREME SERIES

# E/One Sentry™

***Alarm Panel — Quad Protect Plus Package***

NA0632P01 Rev A

### Description

The E/One Quad Protect Plus panels are custom designed for use with Environment One Quad grinder pump stations. They can be configured to meet the needs of your application, from basic alarm indication to advanced warning of pending service requirements.

The E/One Quad Protect Plus panels are supplied with audible and visual high level alarms. They are easily installed in accordance with relevant national and local codes. Standard panels are approved by UL to ensure high quality and safety.

The panel features a corrosion-proof, NEMA 4X-rated, thermoplastic enclosure. A padlock is provided to prevent unauthorized entry (safety front).

### Features

Includes most features of the basic configuration of the E/One Sentry Duplex panels, including circuit breakers, 240 VAC service, terminal blocks, ground lugs, audible alarm with manual silence, manual run feature, run indicator, conformal-coated board and overload protection.

Includes all features of the E/One Sentry Duplex Protect Plus package, including a Trouble indication that shuts down the pumps temporarily in the event of an unacceptable operating condition (pressure, system over-pressure, run dry), as well as:

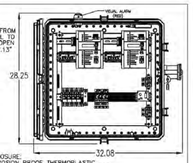
Predictive status display module
Pre-alarm indication for major operating parameters
Alarm indications for major operating parameters
Hour meter, cycle counter and alarm delay
LCD display and user-friendly interface
Contact group — dry contacts and Remote Sentry contacts
Programmable User Settings
Optional Generator Receptacle w/ Auto Transfer
Optional Sentry Advisor - Cellular Monitoring System

Please consult factory for special applications.

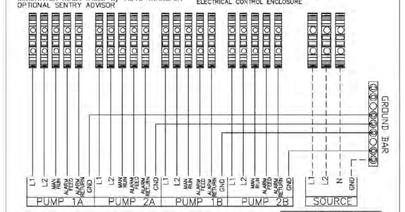
## SENTRY PROTECT PLUS QUAD

EXTERNAL VISUAL & AUDIBLE ALARM
REMOTE SENTRY DRY CONTACTS FOR OPTIONAL POWER LOSS HIGH LEVEL ALARM (POWER LOSS ALARM FOR WIRELESS)
MANUAL ALARM SILENCE
MANUAL RUN
STATUS LED'S: NORMAL, PUMP RUNNING, HIGH LEVEL
TROUBLE INDICATIONS: RUN DRY, OVERPRESSURE, BROWNOUT, VOLTAGE, EXTENDED RUN TIME
DRY CONTACTS
CONFORMAL COATED CIRCUIT BOARD (BOTH SIDES)
PADLOCK
PREDICTIVE ALARMS
REAL TIME PUMP PERFORMANCE
ADJUSTABLE ALARM DELAY
ADJUSTABLE RUN TIME DELAY
HOUR/CYCLE COUNTER
NEMA 4X ENCLOSURE ASSEMBLY
GENERATOR RECEPTACLE W/ AUTO TRANSFER OPTIONAL SENTRY ADVISOR

DIMENSION FROM BACK PANEL TO FRONT OF OPEN DOOR = 37.13"




ENCLOSURE:
CORROSION PROOF THERMOPLASTIC POLYCARBONATE APPROVED BY UL FOR ELECTRICAL CONTROL ENCLOSURE




NOTES:
1. ONLY EXTERNAL PUMP AND POWER CONNECTIONS SHOWN.
2. REFER TO PACKET FOR FULL WIRE DETAIL.

A DEDICATED 50A CIRCUIT BREAKER IS REQUIRED

OLD / NEW WIRE COLOR MAP

| PIN | FUNCTION | 2000S | EXTREME |
|---|---|---|---|
| 1 | MANUAL RUN | RED | BROWN |
| 2 | L1 | BLACK | RED |
| 3 | L2 | WHITE | BLACK |
| 4 | GND | GREEN | GRN/YEL |
| 5 | ALARM FEED | ORANGE | YELLOW |
| 6 | ALARM RETURN | BLUE | BLUE |

LEGEND
—— HIGH EMF
— — SUPPLY CABLE

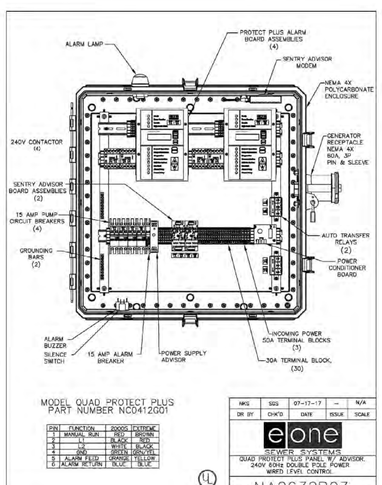
CONTROL CABLE:
TYPE TC; DIRECT BURIAL, 3/4 CONDUCTOR

| NKS | 07/12/17 | SGS | – | N/A |
|---|---|---|---|---|
| DR BY | DATE | CHK'D | ISSUE | SCALE |

e/one SEWER SYSTEMS

SENTRY PROTECT PLUS PANEL, QUAD 240V 60Hz DOUBLE POLE POWER

NA0632P02




MODEL QUAD PROTECT PLUS
PART NUMBER NC0412G01

| PIN | FUNCTION | 2000S | EXTREME |
|---|---|---|---|
| 1 | MANUAL RUN | RED | BROWN |
| 2 | L1 | BLACK | RED |
| 3 | L2 | WHITE | BLACK |
| 4 | GND | GREEN | GRN/YEL |
| 5 | ALARM FEED | ORANGE | YELLOW |
| 6 | ALARM RETURN | BLUE | BLUE |

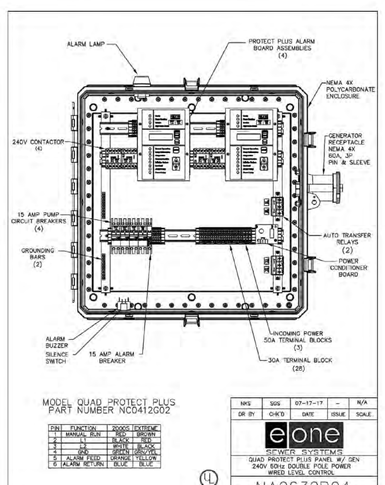
| NKS | SGS | 07-17-17 | – | N/A |
|---|---|---|---|---|
| DR BY | CHK'D | DATE | ISSUE | SCALE |

e/one SEWER SYSTEMS

QUAD PROTECT PLUS PANEL W/ ADVISOR, 240V 60Hz DOUBLE POLE POWER WIRED LEVEL CONTROL

LISTED 5060

NA0632P03




MODEL QUAD PROTECT PLUS
PART NUMBER NC0412G02

| PIN | FUNCTION | 2000S | EXTREME |
|---|---|---|---|
| 1 | MANUAL RUN | RED | BROWN |
| 2 | L1 | BLACK | RED |
| 3 | L2 | WHITE | BLACK |
| 4 | GND | GREEN | GRN/YEL |
| 5 | ALARM FEED | ORANGE | YELLOW |
| 6 | ALARM RETURN | BLUE | BLUE |

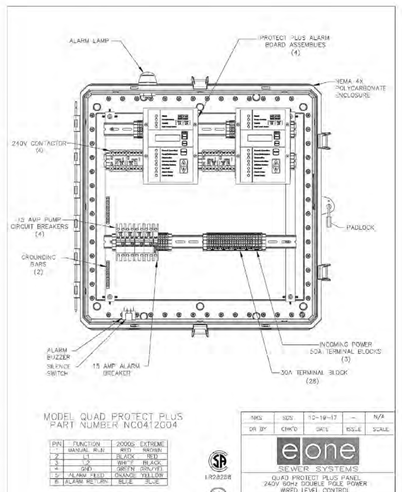
| NKS | SGS | 07-17-17 | – | N/A |
|---|---|---|---|---|
| DR BY | CHK'D | DATE | ISSUE | SCALE |

e/one SEWER SYSTEMS

QUAD PROTECT PLUS PANEL W/ DEN 240V 60Hz DOUBLE POLE POWER WIRED LEVEL CONTROL

LISTED 5060

NA0632P04




MODEL QUAD PROTECT PLUS
PART NUMBER NC0412G04

| PIN | FUNCTION | 2000S | EXTREME |
|---|---|---|---|
| 1 | MANUAL RUN | RED | BROWN |
| 2 | L1 | BLACK | RED |
| 3 | L2 | WHITE | BLACK |
| 4 | GND | GREEN | GRN/YEL |
| 5 | ALARM FEED | ORANGE | YELLOW |
| 6 | ALARM RETURN | BLUE | BLUE |

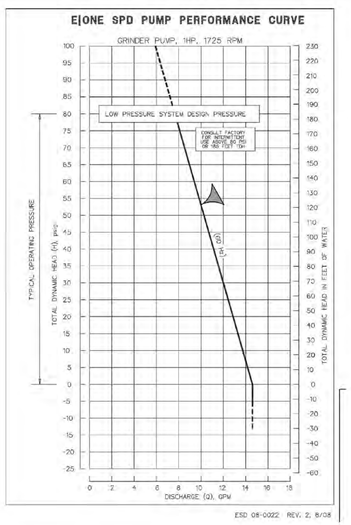
| NKS | SGS | 12-19-17 | – | N/A |
|---|---|---|---|---|
| DR BY | CHK'D | DATE | ISSUE | SCALE |

e/one SEWER SYSTEMS

QUAD PROTECT PLUS PANEL 240V 60Hz DOUBLE POLE POWER WIRED LEVEL CONTROL

LISTED 5060

NA0632P06




DAVIS & FLOYD
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222

OWNER: BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND

PROJECT TITLE: BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE: PUMP STATION DETAILS

| NO. | REVISED | CHECKED | DATE |
|---|---|---|---|

JOB NO. 32266.00
DATE 02/07/2025
DESIGNED KG
DRAWN RC
CHECKED RL
APPROVED RL

C842

PAGE 18 OF 23

\\DC02\Data\Jobs\Evers\32266.01\Production\Civil\Drawings\32266.00-DETAILS.dwg, 2/7/2025 10:16:48 AM, william lockwood
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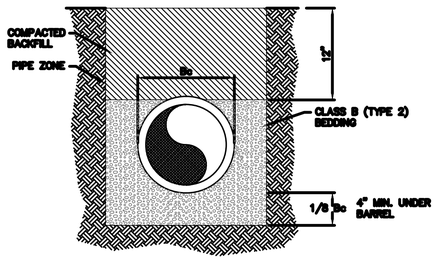
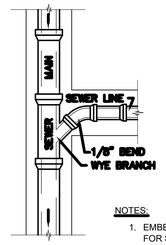



BEDDING FOR PVC GRAVITY SEWER PIPE

NOT TO SCALE

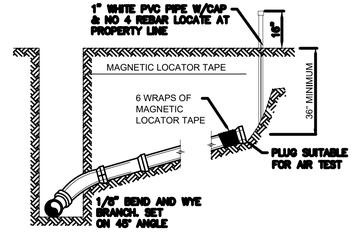
| HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT | | |
|---|---|---|
| BEDDING FOR PVC GRAVITY SEWER PIPE | | |
| XXXXXXX | Feb. 1997 | XII-1 |
| NTS | XXXXXXX | |




PLAN

NOTES:

1. EMBEDMENT SAME AS FOR SEWER LINE.
2. SERVICE LINE SHALL BE ON SUCH A GRADE THAT WILL PERMIT SERVICING OF PROPERTY. MINIMUM GRADE SHALL BE 1.0%. MAXIMUM GRADE SHALL BE 50%
3. NO VERTICAL STACKING WILL BE ALLOWED.

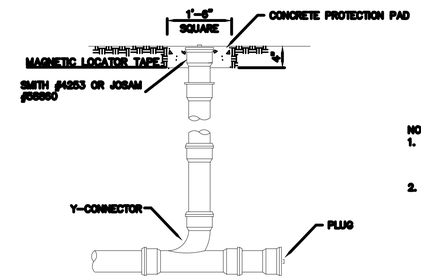



SECTION

SEWER SERVICE CONNECTION DETAIL

NOT TO SCALE

| HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT | | |
|---|---|---|
| SEWER SERVICE CONNECTION DETAIL | | |
| XXXXXXX | Feb. 1997 | XII-10 |
| NTS | XXXXXXX | |




NOTES:

1. THE CLEANOUT SHOULD BE THE SAME SIZE DIAMETER AS THE LINE THAT IT IS INSTALLED ON.
2. CLEANOUT SHOULD CONSIST OF A PLUG SUITABLE FOR AIR TEST.

CLEANOUT DETAIL

NOT TO SCALE

| HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT | | |
|---|---|---|
| CLEANOUT DETAIL | | |
| LC | JULY 2000 | XII-13 |
| NTS | XXXXXXX | |

\\DC02\Data\JobsEven\32266-01\Production\Civil\Drawings\32266.00-DETAILS.dwg 2/7/2025 10:16:55 AM, william lockwood
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SOUTH CAROLINA DAVIS & FLOYD, INC No. C00538 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 28235 BYAN C. WILLIAMS

DAVIS & FLOYD
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222

OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE
SANITARY SEWER DETAILS

| NO. | REVISED | CHECKED | DATE |
|---|---|---|---|
| | | | |

JOB NO. 32266.00
DATE 02/07/2025
DESIGNED RC
DRAWN RC
CHECKED RL
APPROVED RL

C843

GENERAL NOTES:

1. DO NOT PLACE SILT FENCE ACROSS CHANNELS OR IN OTHER AREAS SUBJECT TO CONCENTRATED FLOWS. SILT FENCE SHOULD NOT BE USED AS A VELOCITY CONTROL BMP. CONCENTRATED FLOWS ARE ANY FLOWS GREATER THAN 0.5 CFS.
2. MAXIMUM SHEET OR OVERLAND FLOW PATH LENGTH TO THE SILT FENCE SHALL BE 100-FEET.
3. MAXIMUM SLOPE STEEPNESS (NORMAL [PERPENDICULAR] TO THE FENCE LINE) SHALL BE 2:1.
4. SILT FENCE JOINTS, WHEN NECESSARY, SHALL BE COMPLETED BY ONE OF THE FOLLOWING OPTIONS:
   - WRAP EACH FABRIC TOGETHER AT A SUPPORT POST WITH BOTH ENDS FASTENED TO THE POST, WITH A 1-FOOT MINIMUM OVERLAP;
   - OVERLAP SILT FENCE BY INSTALLING 3-FEET PASSED THE SUPPORT POST TO WHICH THE NEW SILT FENCE ROLL IS ATTACHED. ATTACH OLD ROLL TO NEW ROLL WITH HEAVY-DUTY PLASTIC TIES; OR,
   - OVERLAP ENTIRE WIDTH OF EACH SILT FENCE ROLL FROM ONE SUPPORT POST TO THE NEXT SUPPORT POST.
5. ATTACH FILTER FABRIC TO THE STEEL POSTS USING HEAVY-DUTY PLASTIC TIES THAT ARE EVENLY SPACED WITHIN THE TOP 8-INCHES OF THE FABRIC.
6. INSTALL THE SILT FENCE PERPENDICULAR TO THE DIRECTION OF THE STORM WATER FLOW AND PLACE THE SILT FENCE THE PROPER DISTANCE FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEAN OUT.
7. INSTALL SILT FENCE CHECKS (TIE-BACKS) EVERY 50-100 FEET, DEPENDENT ON SLOPE, ALONG SILT FENCE THAT IS INSTALLED WITH SLOPE AND WHERE CONCENTRATED FLOWS ARE EXPECTED OR ARE DOCUMENTED ALONG THE PROPOSED/INSTALLED SILT FENCE.

POST REQUIREMENTS:

1. SILT FENCE POSTS MUST BE 48-INCH LONG STEEL POSTS THAT MEET, AT A MINIMUM, THE FOLLOWING PHYSICAL CHARACTERISTICS.
   - COMPOSED OF A HIGH STRENGTH STEEL WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI.
   - INCLUDE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38-INCHES AND A NOMINAL "T" LENGTH OF 1.45-INCHES.
   - WEIGH 1.25 POUNDS PER FOOT (± 8%)
2. POSTS SHALL BE EQUIPPED WITH PROJECTIONS TO AID IN FASTENING OF FILTER FABRIC.
3. STEEL POSTS MAY NEED TO HAVE A METAL SOIL STABILIZATION PLATE WELDED NEAR THE BOTTOM WHEN INSTALLED ALONG STEEP SLOPES OR INSTALLED IN LOOSE SOILS. THE PLATE SHOULD HAVE A MINIMUM CROSS SECTION OF 17-SQUARE INCHES AND BE COMPOSED OF 16 GAUGE STEEL, AT A MINIMUM. THE METAL SOIL STABILIZATION PLATE SHOULD BE COMPLETELY BURIED.
4. INSTALL POSTS TO A MINIMUM OF 24-INCHES. A MINIMUM HEIGHT OF 1- TO 2-INCHES ABOVE THE FABRIC SHALL BE MAINTAINED, AND A MAXIMUM HEIGHT OF 3 FEET SHALL BE MAINTAINED ABOVE THE GROUND.
5. POST SPACING SHALL BE AT A MAXIMUM OF 6-FEET ON CENTER.
6. INSTALL RUBBER SAFETY CAPS ON TOPS OF STEEL POSTS.

INSPECTION & MAINTENANCE:

1. THE KEY TO FUNCTIONAL SILT FENCE IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.
2. REGULAR INSPECTIONS OF SILT FENCE SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION.
3. ATTENTION TO SEDIMENT ACCUMULATIONS ALONG THE SILT FENCE IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
4. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE SILT FENCE.
5. REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
6. CHECK FOR AREAS WHERE STORM WATER RUNOFF HAS ERODED A CHANNEL BENEATH THE SILT FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED DUE TO RUNOFF OVERTOPPING THE SILT FENCE. INSTALL CHECKS/TIE-BACKS AND/OR REINSTALL SILT FENCE, AS NECESSARY.
7. CHECK FOR TEARS WITHIN THE SILT FENCE, AREAS WHERE SILT FENCE HAS BEGUN TO DECOMPOSE, AND FOR ANY OTHER CIRCUMSTANCE THAT MAY RENDER THE SILT FENCE INEFFECTIVE. REMOVE DAMAGED SILT FENCE AND REINSTALL NEW SILT FENCE IMMEDIATELY.
8. ALL SILT FENCE AND POST MATERIALS SHOULD BE REMOVED AND PROPERLY DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED AND ONCE IT IS REMOVED, THE RESULTING DISTURBED AREA SHALL BE PERMANENTLY STABILIZED.

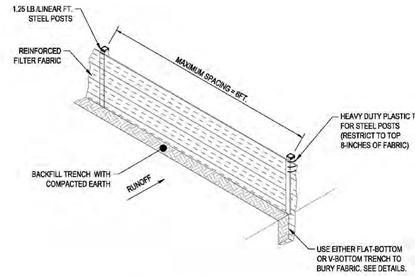
FABRIC REQUIREMENTS:

1. SILT FENCE MUST BE COMPOSED OF WOVEN GEOTEXTILE FILTER FABRIC THAT CONSISTS OF THE FOLLOWING REQUIREMENTS:
   - COMPOSED OF FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS OF AT LEAST 85% BY WEIGHT OF POLYOLEFINS, POLYESTERS, OR POLYAMIDES THAT ARE FORMED INTO A NETWORK SUCH THAT THE FILAMENTS OR YARNS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER.
   - FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION.
   - FREE OF ANY DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES; AND,
   - HAVE A MINIMUM WIDTH OF 36-INCHES.
2. USE ONLY FABRIC APPEARING ON SCDOT'S QUALIFIED PRODUCTS LISTING (QPL), APPROVAL SHEET #34, MEETING THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
3. 12-INCHES OF THE FABRIC SHOULD BE PLACED WITHIN EXCAVATED TRENCH AND TOED IN WHEN THE TRENCH IS BACKFILLED.
4. FILTER FABRIC SHALL BE PURCHASED IN CONTINUOUS ROLLS AND CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS.
5. FILTER FABRIC SHALL BE INSTALLED AT A MINIMUM OF 24-INCHES ABOVE THE GROUND.

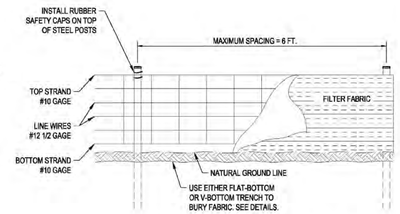
PLAN SYMBOL

SILT FENCE —— SF —— SF ——

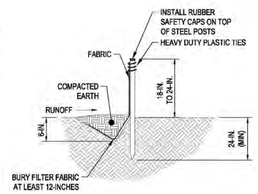
REINFORCED SILT FENCE ——RSF ——RSF——



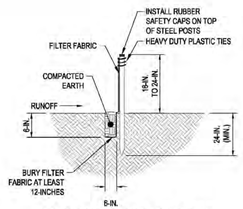

SILT FENCE INSTALLATION




REINFORCED SILT FENCE DETAIL




V-SHAPED TRENCH DETAIL




FLAT-BOTTOM TRENCH DETAIL

REINFORCED SILT FENCE NOTES:

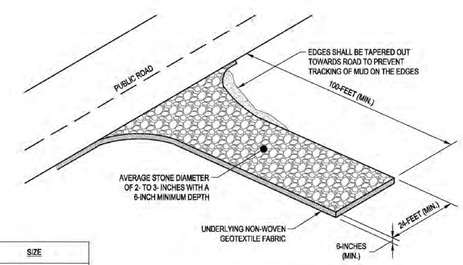
1. WOVEN WIRE FENCE SHALL BE REQUIRED WHERE SPECIFIED AND AS A BACKING FOR FILTER FABRIC WITH AN ELONGATION AS DETERMINED BY ASTM D 1682, OF 50% OR GREATER. THE WIRE FENCE SHALL BE A MINIMUM OF 32 INCHES IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12 INCH STAY SPACING.
2. WOVEN WIRE FENCE SHALL BE ATTACHED TO STEEL POST USING TIE WIRES. NUMBER AND LOCATION OF FASTENERS WILL BE AS DIRECTED BY THE ENGINEER BUT IN ALL CASES, AFFIXED TO THE POST IN NO LESS THAN FOUR PLACES. THE FILTER FABRIC WILL BE TIED TO THE WOVEN WIRE FENCE AS DIRECTED BY THE ENGINEER IN SUCH A MANNER TO PREVENT SAGGING OR TEARING OF THE FABRIC.
3. WHEN THE TEMPORARY SILT FENCE IS REQUIRED TO RUN NEXT TO AND PARALLEL WITH A CONSTRUCTION FENCE, THE FILTER FABRIC MAY BE ATTACHED TO THE CONSTRUCTION FENCE INSTEAD OF INSTALLING A SEPARATE WOVEN WIRE FENCE.

**THIS DETAIL IS BASED ON SCDHEC STANDARD DRAWING NO. SC-03 (FEBRUARY 2014) AND HAS BEEN FORMATTED TO D&F STANDARDS.

## SC-03 SILT FENCE

N.T.S.

PLAN SYMBOL




| SPECIFICATION | SIZE |
|---|---|
| ROCK PAD THICKNESS | 6-INCHES |
| ROCK PAD WIDTH | 24-FEET |
| ROCK PAD LENGTH | 100-FEET |
| ROCK PAD STONE SIZE | $D_{50}$ = 2- TO 3-INCHES |

GENERAL NOTES:

1. STABILIZED CONSTRUCTION ENTRANCES SHOULD BE USED AT ALL POINTS WHERE TRAFFIC WILL EGRESS/INGRESS A CONSTRUCTION SITE ONTO A PUBLIC ROAD OR ANY IMPERVIOUS SURFACES, SUCH AS PARKING LOTS.
2. INSTALL A NON-WOVEN GEOTEXTILE FABRIC PRIOR TO PLACING ANY STONE.
3. INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE.
4. THE ENTRANCE SHALL CONSIST OF 2- TO 3-INCH $D_{50}$ STONE PLACED AT A MINIMUM DEPTH OF 6-INCHES.
5. MINIMUM DIMENSIONS OF THE ENTRANCE SHALL BE 24-FEET WIDE BY 100-FEET LONG, AND MAY BE MODIFIED AS NECESSARY TO ACCOMMODATE SITE CONSTRAINTS.
6. THE EDGES OF THE ENTRANCE SHALL BE TAPERED OUT TOWARDS THE ROAD TO PREVENT TRACKING AT THE EDGE OF THE ENTRANCE.
7. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN OR OTHER SEDIMENT TRAPPING STRUCTURE.
8. LIMESTONE MAY NOT BE USED FOR THE STONE PAD.

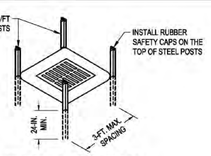
**THIS DETAIL IS BASED ON SCDHEC STANDARD DRAWING NO. SC-06 (FEBRUARY 2014) AND HAS BEEN FORMATTED TO D&F STANDARDS.

CONSTRUCTION ENTRANCE - INSPECTION & MAINTENANCE:

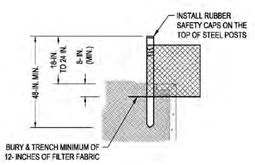
1. THE KEY TO FUNCTIONAL CONSTRUCTION ENTRANCES IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.
2. REGULAR INSPECTIONS OF CONSTRUCTION ENTRANCES SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION.
3. DURING REGULAR INSPECTIONS, CHECK FOR MUD AND SEDIMENT BUILDUP AND PAD INTEGRITY. INSPECTION FREQUENCIES MAY NEED TO BE MORE FREQUENT DURING LONG PERIODS OF WET WEATHER.
4. RESHAPE THE STONE PAD AS NECESSARY FOR DRAINAGE AND RUNOFF CONTROL.
5. WASH OR REPLACE STONES AS NEEDED AND AS DIRECTED BY SITE INSPECTOR. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE THE AMOUNT OF MUD BEING CARRIED OFF-SITE BY VEHICLES. FREQUENT WASHING WILL EXTEND THE USEFUL LIFE OF STONE PAD.
6. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO ADJACENT IMPERVIOUS SURFACES BY BRUSHING OR SWEEPING. FLUSHING SHOULD ONLY BE USED WHEN THE WATER CAN BE DISCHARGED TO A SEDIMENT TRAP OR BASIN.
7. DURING MAINTENANCE ACTIVITIES, ANY BROKEN PAVEMENT SHOULD BE REPAIRED IMMEDIATELY.
8. CONSTRUCTION ENTRANCES SHOULD BE REMOVED AFTER THE SITE HAS REACHED FINAL STABILIZATION. PERMANENT VEGETATION SHOULD REPLACE AREAS FROM WHICH CONSTRUCTION ENTRANCES HAVE BEEN REMOVED, UNLESS AREA WILL BE CONVERTED TO AN IMPERVIOUS SURFACE TO SERVE POST-CONSTRUCTION.

## SC-06 STABILIZED CONSTRUCTION ENTRANCE

N.T.S.



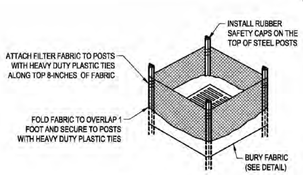

POST INSTALLATION DETAIL




FILTER FABRIC BURIAL DETAIL

PLAN SYMBOL

A




FILTER FABRIC INSTALLATION DETAIL

FILTER FABRIC REQUIREMENTS:

1. SILT FENCE MUST BE COMPOSED OF WOVEN GEOTEXTILE FILTER FABRIC THAT CONSISTS OF THE FOLLOWING REQUIREMENTS:
   - COMPOSED OF FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS OF AT LEAST 85% BY WEIGHT OF POLYOLEFINS, POLYESTERS, OR POLYAMIDES THAT ARE FORMED INTO A NETWORK SUCH THAT THE FILAMENTS OR YARNS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER;
   - FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION;
   - FREE OF ANY DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES; AND,
   - HAVE A MINIMUM WIDTH OF 36-INCHES.
2. USE ONLY FABRIC APPEARING ON SC DOT'S QUALIFIED PRODUCTS LISTING (QPL), APPROVAL SHEET #34, MEETING THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
3. 12-INCHES OF THE FABRIC SHOULD BE PLACED WITHIN EXCAVATED TRENCH AND TOED IN WHEN THE TRENCH IS BACKFILLED.
4. FILTER FABRIC SHALL BE PURCHASED IN CONTINUOUS ROLLS AND CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS.
5. FILTER FABRIC SHALL BE INSTALLED AT A MINIMUM OF 24-INCHES ABOVE THE GROUND.

**THIS DETAIL IS BASED ON SCDHEC STANDARD DRAWING NO. SC-07 (FEBRUARY 2014) AND HAS BEEN FORMATTED TO D&F STANDARDS.

POST REQUIREMENTS:

1. SILT FENCE POSTS MUST BE 48-INCH LONG STEEL POSTS THAT MEET, AT A MINIMUM, THE FOLLOWING PHYSICAL CHARACTERISTICS.
   - COMPOSED OF A HIGH STRENGTH STEEL WITH A MINIMUM YIELD STRENGTH OF 50,000 PSI.
   - INCLUDE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38-INCHES AND A NOMINAL "T" LENGTH OF 1.48-INCHES.
   - WEIGH 1.25 POUNDS PER FOOT (± 8%)
2. POSTS SHALL BE EQUIPPED WITH PROJECTIONS TO AID IN FASTENING OF FILTER FABRIC.
3. INSTALL POSTS TO A MINIMUM OF 24-INCHES. A MINIMUM HEIGHT OF 1- TO 2- INCHES ABOVE THE FABRIC SHALL BE MAINTAINED, AND A MAXIMUM HEIGHT OF 3 FEET SHALL BE MAINTAINED ABOVE THE GROUND.
4. POST SPACING SHALL BE AT A MAXIMUM OF 3-FEET ON CENTER.
5. INSTALL RUBBER SAFETY CAPS ON TOP OF STEEL POSTS.

INSPECTION & MAINTENANCE:

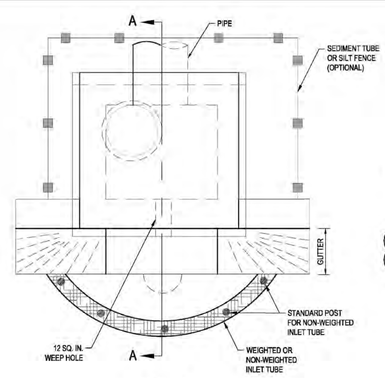
1. THE KEY TO FUNCTIONAL INLET PROTECTION IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.
2. REGULAR INSPECTIONS OF INLET PROTECTION SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION.
3. ATTENTION TO SEDIMENT ACCUMULATIONS ALONG THE FILTER FABRIC IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
4. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE FILTER FABRIC. WHEN A SUMP IS INSTALLED IN FRONT OF THE FABRIC, SEDIMENT SHOULD BE REMOVED WHEN IT FILLS APPROXIMATELY 1/3 THE DEPTH OF THE SUMP.
5. REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
6. CHECK FOR AREAS WHERE STORM WATER RUNOFF HAS ERODED A CHANNEL BENEATH THE FILTER FABRIC, OR WHERE THE FABRIC HAS SAGGED OR COLLAPSED DUE TO RUNOFF OVERTOPPING THE INLET PROTECTION.
7. CHECK FOR TEARS WITHIN THE FILTER FABRIC, AREAS WHERE FABRIC HAS BEGUN TO DECOMPOSE, AND FOR ANY OTHER CIRCUMSTANCE THAT MAY RENDER THE INLET PROTECTION INEFFECTIVE. REMOVE DAMAGED FABRIC AND REINSTALL NEW FILTER FABRIC IMMEDIATELY.
8. INLET PROTECTION STRUCTURES SHOULD BE REMOVED AFTER ALL THE DISTURBED AREAS ARE PERMANENTLY STABILIZED. REMOVE ALL CONSTRUCTION MATERIAL AND SEDIMENT, AND DISPOSE OF THEM PROPERLY. GRADE THE DISTURBED AREA TO THE ELEVATION OF THE DROP INLET STRUCTURE CREST. STABILIZE ALL BARE AREAS IMMEDIATELY.

## SC-07 TYPE A INLET PROTECTION - FILTER FABRIC

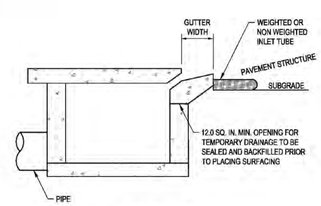
N.T.S.

PLAN SYMBOL

F




TOP VIEW




SECTION A-A

GENERAL NOTES:

1. INLET TUBES SHOULD BE COMPOSED OF COMPACTED GEOTEXTILES, CURLED EXCELSIOR WOOD, NATURAL COCONUT FIBERS, A HARDWOOD MULCH, OR A MIX OF THESE MATERIALS ENCLOSED BY A FLEXIBLE NETTING MATERIAL.
2. INLET TUBES SHOULD UTILIZE AN OUTER NETTING THAT CONSISTS OF SEAMLESS, HIGH-DENSITY POLYETHYLENE PHOTODEGRADABLE MATERIALS TREATED WITH ULTRAVIOLET STABILIZERS OR A SEAMLESS, HIGH-DENSITY POLYETHYLENE NON-DEGRADABLE MATERIAL. CURLED WOOD EXCELSIOR FIBER, OR NATURAL COCONUT FIBER ROLLED EROSION CONTROL PRODUCTS ROLLED UP TO CREATE AN INLET TUBE DEVICE ARE NOT ALLOWED.
3. STRAW, STRAW FIBER, STRAW BALES, PINE NEEDLES AND LEAF MULCH ARE NOT PERMISSIBLE FILTER MATERIALS.
4. WEIGHTED INLET TUBES MUST BE CAPABLE OF STAYING IN PLACE WITHOUT EXTERNAL STABILIZATION MEASURES AND MAY HAVE A WEIGHTED INNER CORE OR OTHER WEIGHTED MECHANISM TO KEEP THEM IN PLACE.
5. INSTALL WEIGHTED TUBES LYING FLAT ON THE GROUND, WITH NO GAPS BETWEEN THE UNDERLYING SURFACE AND THE INLET TUBE. DO NOT STACK INLET TUBES. DO NOT COMPLETELY BLOCK INLET WITH TUBE.
6. NON-WEIGHTED INLET TUBES REQUIRE STAKING OR OTHER STABILIZATION METHODS TO KEEP THEM SAFELY IN PLACE.
7. OVERFLOW OR OVERTOPPING OF INLET TUBES MUST BE ALLOWED TO FLOW INTO INLET UNOBSTRUCTED.
8. TO AVOID POSSIBLE FLOODING, TWO OR THREE CONCRETE CINDER BLOCKS MAY BE PLACED BETWEEN THE TUBE AND THE INLET.

INSPECTION AND MAINTENANCE:

1. THE KEY TO FUNCTIONAL INLET PROTECTION IS WEEKLY INSPECTION, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL.
2. REGULAR INSPECTIONS OF ALL INLET PROTECTION SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION.
3. ATTENTION TO SEDIMENT ACCUMULATIONS IN FRONT OF THE INLET PROTECTION IS EXTREMELY IMPORTANT. ACCUMULATED SEDIMENT SHOULD BE CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY.
4. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE INLET TUBE. IF A SUMP IS USED, SEDIMENT SHOULD BE REMOVED WHEN IT FILLS APPROXIMATELY 1/3 THE DEPTH OF THE SUMP.
5. REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
6. LARGE DEBRIS, TRASH, AND LEAVES SHOULD BE REMOVED FROM IN FRONT OF TUBES WHEN FOUND.
7. REPLACE INLET TUBE WHEN DAMAGED OR AS RECOMMENDED BY MANUFACTURER'S SPECIFICATIONS.
8. TYPE F INLET PROTECTION STRUCTURES SHOULD BE REMOVED PRIOR TO PLACEMENT OF PAVEMENT SURFACE. REMOVE ALL CONSTRUCTION MATERIAL AND ACCUMULATED SEDIMENT AND DISPOSE OF THE PROPERLY. REPLACE TYPE F INLET TUBES WITH TUBES WITH TYPE E INLET PROTECTION AFTER PLACING PAVEMENT AND MAINTAIN UNTIL ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED

**THIS DETAIL IS BASED ON SCDHEC STANDARD DRAWING NO. SC-11 (FEBRUARY 2014) AND HAS BEEN FORMATTED TO D&F STANDARDS.

## SC-11 TYPE F INLET TUBES

N.T.S.

PERMANENT SEEDING - COASTAL

| SPECIES | RATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SANDY, DROUGHTY SITES | | | | | | | | | | | | | |
| BROWNTOP MILLET | 10 lbs/ac | | | | X | X | X | X | X | | | | |
| BAHIAGRASS | 40 lbs/ac | | | | X | X | X | X | X | | | | |
| BROWNTOP MILLET | 10 lbs/ac | | | | | | | | | | | | |
| BAHIAGRASS | 30 lbs/ac | | | | X | X | X | X | X | | | | |
| SERICEA LESPEDEZA | 40 lbs/ac | | | | | | | | | | | | |
| BROWNTOP MILLET | 10 lbs/ac | | | | X | X | X | X | X | | | | |
| ATLANTIC COASTAL PANICGRASS | 15 lbs PLS/ac | | | | X | X | X | X | X | | | | |
| BROWNTOP MILLET | 10 lbs/ac | | | | | | | | | | | | |
| SWITCHGRASS (ALAMO) | 8 lbs PLS/ac | | | | | | | | | | | | |
| LITTLE BLUESTEM | 4 lbs/ac | | | | X | X | X | X | X | | | | |
| SERICEA LESPEDEZA | 20 lbs/ac | | | | | | | | | | | | |
| BROWTOP MILLET | 10 lbs/ac | | | | X | X | X | X | X | | | | |
| WEEPING LOVEGRASS | 5 lbs/ac | | | | | | | | | | | | |
| WELL DRAINED, CLAYEY/LOAMEY SITES | | | | | | | | | | | | | |
| BROWNTOP MILLET | 10 lbs/ac | | | | X | X | X | X | X | | | | |
| BAHIAGRASS | 40 lbs/ac | | | | X | X | X | X | X | | | | |
| RYE, GRAIN | 10 lbs/ac | | | | | | | | | | | | |
| BAHIAGRASS | 40 lbs/ac | | | | | | | | | X | X | X | X |
| CLOVER, CRIMSON (ANNUAL) | 5 lbs/ac | | | | | | | | | | | | |
| BROWTOP MILLET | 10 lbs/ac | | | | X | X | X | X | X | | | | |
| BAHIAGRASS | 30 lbs/ac | | | | X | X | X | X | X | | | | |
| SERICEA LESPEDEZA | 40 lbs/ac | | | | | | | | | | | | |
| BROWTOP MILLET | 10 lbs/ac | | | | | | | | | | | | |
| BERMUDA, COMMON | 10 lbs/ac | | | | X | X | X | X | X | | | | |
| SERICEA LESPEDEZA | 40 lbs/ac | | | | | | | | | | | | |
| BROWNTOP MILLET | 10 lbs/ac | | | | | | | | | | | | |
| BERMUDA, COMMON | 12 lbs/ac | | | | X | X | X | X | X | | | | |
| KOBE LESPEDEZA (ANNUAL) | 10 lbs/ac | | | | | | | | | | | | |
| BROWNTOP MILLET | 10 lbs/ac | | | | | | | | | | | | |
| BAHIAGRASS | 20 lbs/ac | | | | X | X | X | X | X | | | | |
| BERMUDA, COMMON | 6 lbs/ac | | | | | | | | | | | | |
| SERICEA LESPEDEZA | 40 lbs/ac | | | | | | | | | | | | |
| BROWNTOP MILLET | 10 lbs/ac | | | | | | | | | | | | |
| SWITCHGRASS | 8 lbs/ac | | | | | | | | | | | | |
| LITTLE BLUESTEM | 3 lbs PLS/ac | | | | X | X | X | X | X | | | | |
| INDIANGRASS | 3 lbs PLS/ac | | | | | | | | | | | | |

TEMPORARY SEEDING - COASTAL

| SPECIES | RATE | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SANDY, DROUGHTY SITES | | | | | | | | | | | | | |
| BROWNTOP MILLET | 40 lbs/ac | | | | X | X | X | X | X | | | | |
| RYE, GRAIN | 90 lbs/ac | X | X | X | X | X | X | X | X | X | X | X | X |
| RYEGRASS | 50 lbs/ac | X | X | X | X | X | X | X | X | X | X | X | X |
| WELL DRAINED, CLAYEY/LOAMEY SITES | | | | | | | | | | | | | |
| BROWNTOP MILLET OR | 40 lbs/ac | | | | X | X | X | X | X | | | | |
| JAPANESE MILLET | 40 lbs/ac | | | | | | | | | | | | |
| RYE, GRAIN OR | 90 lbs/ac | | | | | | | | | | | | |
| OATS | 75 lbs/ac | X | X | X | X | X | X | X | X | X | X | X | X |
| RYEGRASS | 50 lbs/ac | X | X | X | X | X | X | X | X | X | X | X | X |

## SCDOT COASTAL GRASSING SCHEDULE


DAVIS & FLOYD
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222


SOUTH CAROLINA NOTIFICATION OF CONSTRUCTION — DAVIS & FLOYD, INC. — No. C00538 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER — No. 28295 — RYAN L. CLEMENT

DRAWN BY: RC

BEAUFORT MEMORIAL HOSPITAL

1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND — PROJECT TITLE

BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE: SWPPP DETAILS

| NO. | RELEASED | CHECKED | DATE |
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JOB NO. 32266.00
DATE 02/07/2025
DESIGNED RC
DRAWN RC
CHECKED RL
APPROVED RL

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PLAN SYMBOL

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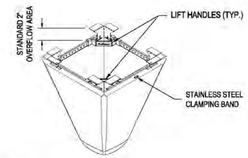


FLEXSTORM® DROP-IN INLET FILTER OR APPROVED EQUAL

NOTE:

1. INLET FILTER SHALL BE SIZED, INSTALLED, AND MAINTAINED ACCORDING TO MANUFACTURERS SPECIFICATIONS

OPERATION AND MAINTENANCE PLAN

INSTALLATION INSTRUCTIONS:

1. REMOVE THE GRATE FROM THE CASTING OR CONCRETE DRAINAGE STRUCTURE.
2. CLEAN THE LEDGE (LIP) OF THE CASTING FRAME OR DRAINAGE STRUCTURE TO ENSURE IT IS FREE OF STONE AND DIRT.
3. DROP IN THE FLEXSTORM INLET FILTER THROUGH THE CLEAR OPENING AND BE SURE THE SUSPENSION HANGERS REST FIRMLY ON THE INSIDE LEDGE (LIP) OF THE CASTING.
4. REPLACE THE GRATE AND CONFIRM THAT IT IS ELEVATED NO MORE THAN ¼", WHICH IS THE THICKNESS OF THE STEEL HANGERS.

FREQUENCY OF INSPECTIONS:

1. CONSTRUCTION SITE INSPECTION SHALL OCCUR FOLLOWING EVERY RAIN EVENT AND, AT MINIMUM, ONCE EVERY SEVEN (7) CALENDAR DAYS REGARDLESS OF RAINFALL. INSPECTION SHALL ALSO OCCUR AT ANY TIME AT THE DIRECTION OF THE OWNER OR HIS REPRESENTATIVE. ANY DROP-IN FILTER HAVING ACCUMULATED ANY SEDIMENT OR DEBRIS SHALL BE CLEANED IMMEDIATELY AND REINSTALLED.

MAINTENANCE GUIDELINES:

1. EMPTY THE SEDIMENT BAG IF MORE THAN HALF FILLED WITH SEDIMENT AND DEBRIS, OR AS DIRECTED BY THE ENGINEER.
2. REMOVE THE GRATE, ENGAGE THE LIFTING BARS OR HANDLES WITH THE FLEXSTORM REMOVAL TOOL, AND LIFT FROM THE DRAINAGE STRUCTURE.
3. DISPOSE OF THE SEDIMENT OR DEBRIS AS DIRECTED BY THE ENGINEER OR MAINTENANCE CONTRACT IN ACCORDANCE WITH EPA GUIDELINES.
4. AS AN ALTERNATIVE, AN INDUSTRIAL VACUUM MAY BE USED TO COLLECT THE ACCUMULATED SEDIMENT.
5. REMOVE ANY CAKED ON SILT FROM THE SEDIMENT BAG AND REVERSE FLUSH THE BAG WITH MEDIUM SPRAY FOR OPTIMAL FILTRATION.
6. REPLACE THE BAG IF TORN OR PUNCTURED TO ½" DIAMETER OR GREATER ON THE LOWER HALF OF THE BAG.
7. POST CONSTRUCTION PC BAGS MAINTENANCE: AT 50% SATURATION, THE AVERAGE 2'x2' ADSORB-IT LINED PC FILTER WILL RETAIN APPROXIMATELY 75 OZ. (4.2 LBS) OF OIL AND SHOULD BE SERVICED OR REPLACED. IT CAN BE CENTRIFUGED OR PASSED THROUGH A WRINGER TO RECOVER THE OILS, AND THE FASRIC REUSED WITH 85% TO 90% EFFICACY. IT MAY ALSO BE RECYCLED FOR ITS FUEL VALUE THROUGH WASTE TO ENERGY INCINERATION.
8. MYCELX SKIMMER POUCHES: THE SKIMMERS START YELLOW IN COLOR AND WILL GRADUALLY TURN BROWN AS THEY BECOME SATURATED, INDICATING TIME FOR REPLACEMENT. EACH MYCELX SKIMMER POUCH WILL ABSORB APPROXIMATELY 88 OZ. (5 LBS) OF OIL BEFORE REQUIRING REPLACEMENT.

SEDIMENT BAG REPLACEMENT:

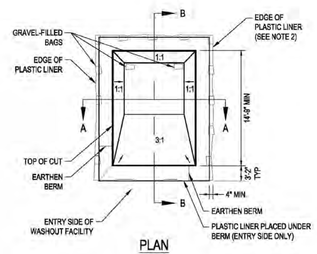
1. REMOVE BAG BY LOOSENING OR CUTTING OF THE CLAMPING BAND.
2. TAKE THE NEW SEDIMENT BAG, WHICH IS EQUIPPED WITH A STAINLESS STEEL WORM DRIVE CLAMPING BAND, AND USE A SCREWDRIVER TO TIGHTEN THE BAG ROUND THE FRAME CHANNEL.
3. ENSURE THE BAG IS SECURE AND THAT THERE IS NO SLACK AROUND THE PERIMETER OF THE BAND.

REMOVAL OF DROP-IN INLET PROTECTION:

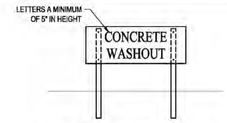
1. UPON SITE STABILIZATION, FINAL INSPECTION, AND CLOSEOUT, THE CONTRACTOR SHALL REMOVE ALL DROP-IN INLET FILTERS FROM PUBLIC RIGHT-OF-WAYS.

## TYPE D DROP-IN INLET PROTECTION

N.T.S.




PLAN



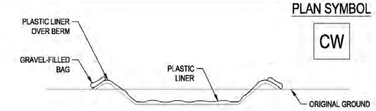

CONCRETE WASHOUT SIGN DETAIL

GENERAL NOTES:

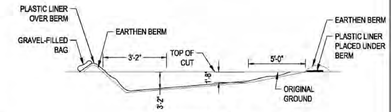
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. INSTALL CONCRETE WASHOUT SIGN (24"X24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
6. SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.
7. A ROCK CONSTRUCTION ENTRANCE MAY BE NECESSARY ALONG ONE SIDE OF THE WASHOUT TO PROVIDE VEHICLE ACCESS.

PLAN SYMBOL

CW




SECTION A-A




SECTION B-B

## RC-08 CONCRETE WASHOUT EXCAVATING PIT

N.T.S.

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DAVIS & FLOYD
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222

OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND

PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE
SWPPP DETAILS

| JOB NO. | NO. | REVISED | CHECKED | DATE |
|---|---|---|---|---|
| 32266.00 | | | | |
| DATE 02/07/2025 | | | | |
| DESIGNED RG | | | | |
| DRAWN RG | | | | |
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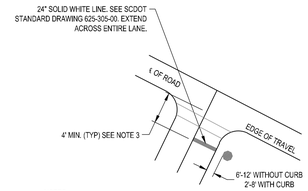
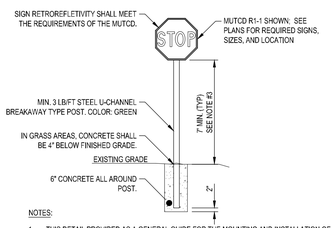



NOTES:

1. REFER TO SCDOT STANDARD DRAWING 625-305-00 "STANDARD MARKINGS FOR INTERSECTIONS"
2. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION.
3. PLACE STOP BAR MIN. 4' IN ADVANCE OF NEAREST MARKED CROSSWALK LINE. IN THE ABSENCE OF A MARKED CROSSWALK, THE STOPLINE SHOULD BE PLACES 4' MIN. AND 30' MAX. FROM THE EDGE OF TRAVEL OF THE INTERSECTING ROUTE.

## STOP BAR AND STOP SIGN PLACEMENT

N.T.S.




NOTES:

1. THIS DETAIL PROVIDED AS A GENERAL GUIDE FOR THE MOUNTING AND INSTALLATION OF ALL SIGNS. SEE PLANS FOR TYPES OF SIGNS USED AND THEIR LOCATIONS. SIGNS SHALL BE PLACED AS SHOWN ON THE PLANS. SEE TYPICAL STOP SIGN PLACEMENT DETAIL.
2. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION.
3. 7' MIN. TO PAVEMENT OR SIDEWALK FOR SINGLE SIGN MOUNTED ON A POST; REFER TO MUTCD AND SCDOT GUIDELINES FOR MULTIPLE SIGNS MOUNTED ON A SINGLE POST.
4. STOP SIGNS SHALL CONFORM TO SCDOT STANDARDS.

## STOP SIGN INSTALLATION

N.T.S.

** ALL WORK WITHIN THE SCDOT R/W SHALL CONFORM TO THE MOST CURRENT EDITION OF SCDOT STANDARD DRAWINGS.THIS INCLUDES, BUT IS NOT LIMITED TO, TEMPORARY CONSTRUCTION ENTRANCES, PAVEMENT, PAVEMENT MARKINGS, SIGNS AND DRAINAGE STRUCTURES. IF DETAILS VARY FROM SCDOT STANDARD DRAWINGS, SCDOT STANDARD DRAWINGS SHALL BE ADHERED TO. CONTRACTOR SHALL REFER TO THE MOST CURRENT EDITION OF THE SCDOT STANDARD DRAWINGS.

| | | |
|---|---|---|
| SILT FENCE | - | SCDOT STANDARD DRAWING 815-605-00 |
| STOP SIGN | - | SCDOT STANDARD DRAWING 651-115-01 |
| SIGN POST | - | SCDOT STANDARD DRAWING 605-005-01 |
| COMPACTION REQUIREMENTS | - | SCDOT SUPPLEMENTAL TECHNICAL SPECIFICATION SC-M-714-1.3.6 |

4" - 6" WIDE LINES ARE TO BE 90 MIL. THERMOPLASTIC

8" - 24" WIDE LINES ARE TO BE 125 MIL. THERMOPLASTIC

PROPOSED BUILDING
11,400 SQ. FT.
PROPOSED F.F.E.=11.75'
EXCEEDS TOHHI
D.F.E. = 11.00' (COMMERCIAL)

1016 WILLIAM HILTON PKWY

GENERATOR

CLEAR SIGHT TRIANGLE

SCDOT RIGHT OF WAY

EDGE OF TRAVELED WAY

LOCATION OF EYE

R35'

SIGHT DISTANCE REQUIRED = 390'
ACTUAL SIGHT DISTANCE = 390' ALONG CENTERLINE

PROPOSED STOP BAR AND STOP SIGN

EDGE OF TRAVELED WAY

R35'

SCDOT RIGHT OF WAY

CLEAR SIGHT TRIANGLE

ARROW ROAD

U.S. HWY 278 – WILLIAM HILTON PARKWAY

U.T.

SIGHT DISTANCE REQUIRED = 445'
ACTUAL SIGHT DISTANCE = 445' ALONG CENTERLINE

NOTE:

1. RIGHT TURN SIGHT DISTANCE DETERMINED BY SCDOT ARMS MANUAL 2008 EDITION, TABLE 7-12
   SPEED LIMIT = 35 MPH
2. LEFT TURN SIGHT DISTANCE DETERMINED BY SCDOT ARMS MANUAL 2008 EDITION, TABLE 7-13
   SPEED LIMIT = 35 MPH

Know what's below. Call before you dig.

N

STATE PLANE

0 30' 60'

SCALE: 1" = 30'

PROJECT DATUM INFORMATION:

HORIZONTAL DATUM: SC83IF
VERTICAL DATUM: NAVD88

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SOUTH CAROLINA DAVIS & FLOYD, INC. No. C00538 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 28235 RYAN LOCKWOOD

DAVIS & FLOYD
PLAN | DESIGN | ENGINEER
DAVISFLOYD.COM
2712 BULL STREET, SUITE A
BEAUFORT, SC 29902
843-379-2222

OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND

PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE
SIGHT DISTANCE PLAN

| NO. | RELEASED | CHECKED | DATE |
|---|---|---|---|

PROJ NO. 32266.00
DATE 02/07/2025
DESIGNED RC
DRAWN RC
CHECKED RL
APPROVED RL

C921

PAGE 22 OF 23

\\DC02\Data\Jobs\Even\32266-01\Production\Civil\Drawings\32266.00-SITE.dwg, 2/7/2025 10:17:02 AM, william lockwood
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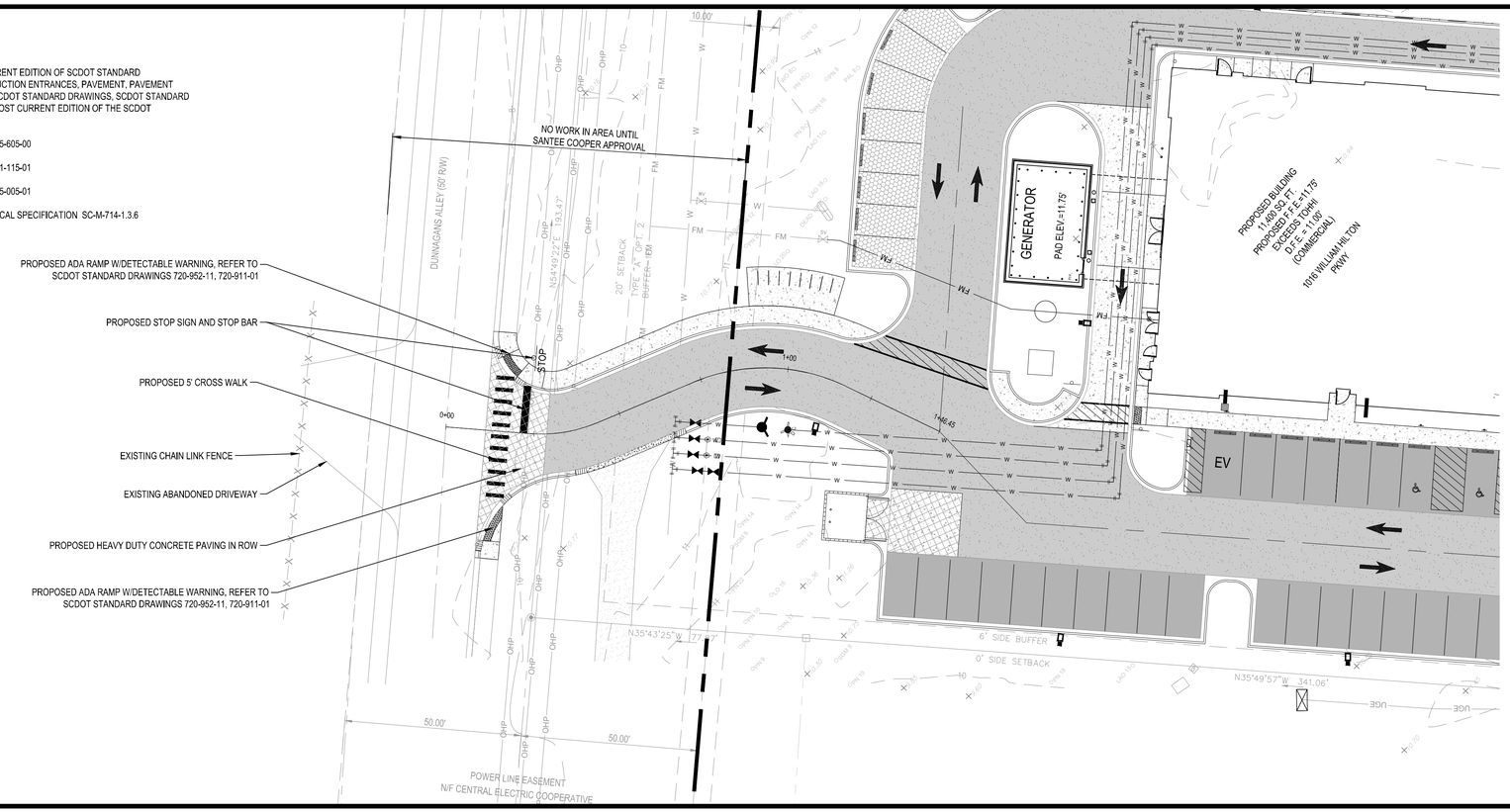
** ALL WORK WITHIN THE SCDOT R/W SHALL CONFORM TO THE MOST CURRENT EDITION OF SCDOT STANDARD DRAWINGS.THIS INCLUDES, BUT IS NOT LIMITED TO, TEMPORARY CONSTRUCTION ENTRANCES, PAVEMENT, PAVEMENT MARKINGS, SIGNS AND DRAINAGE STRUCTURES. IF DETAILS VARY FROM SCDOT STANDARD DRAWINGS, SCDOT STANDARD DRAWINGS SHALL BE ADHERED TO. CONTRACTOR SHALL REFER TO THE MOST CURRENT EDITION OF THE SCDOT STANDARD DRAWINGS.

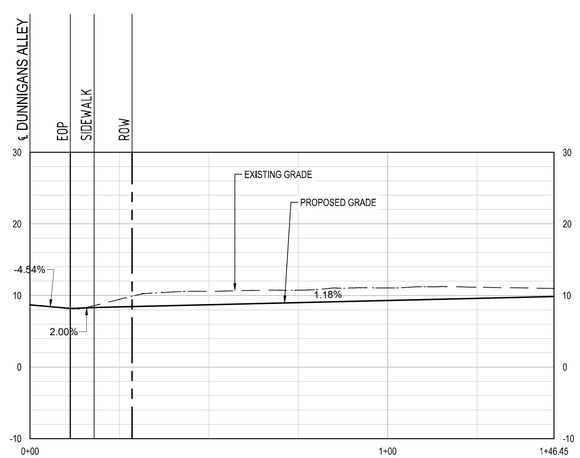
| | | |
|---|---|---|
| SILT FENCE | - | SCDOT STANDARD DRAWING 815-605-00 |
| STOP SIGN | - | SCDOT STANDARD DRAWING 651-115-01 |
| SIGN POST | - | SCDOT STANDARD DRAWING 605-005-01 |
| COMPACTION REQUIREMENTS | - | SCDOT SUPPLEMENTAL TECHNICAL SPECIFICATION SC-M-714-1.3.6 |

4" - 6" WIDE LINES ARE TO BE 90 MIL. THERMOPLASTIC

8" - 24" WIDE LINES ARE TO BE 125 MIL. THERMOPLASTIC




PROJECT DATUM INFORMATION:
HORIZONTAL DATUM: SC83IF
VERTICAL DATUM: NAVD88




DUNNIGANS ALLEY ENTRANCE PROFILE

SCALES: 1" = 20' HORIZONTAL, 1" = 2' VERTICAL

Know what's below. Call before you dig.

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SOUTH CAROLINA DAVIS & FLOYD, INC. No. C00538 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER No. 28235 BRYAN C. LOCKWOOD

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843-379-2222

OWNER
BEAUFORT MEMORIAL HOSPITAL
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
PROJECT TITLE
BEAUFORT MEMORIAL HOSPITAL EMERGENCY & URGENT CARE

DRAWING TITLE
DUNNIGANS ALLEY ENTRANCE

| NO. | REVISIONS | CHECKED | DATE |
|---|---|---|---|

JOB NO. 32266.00
DATE 02/07/2025
DESIGNED RC
DRAWN RC
CHECKED RL
APPROVED RL

C930

# Beaufort Memorial
# Emergency & Urgent Care
# 1016 William Hilton Parkway
# Staff Comments
# February 25, 2025
# DRB-001675-2025

# DESIGN TEAM/DRB COMMENT SHEET

*The comments below are staff recommendations to the Design Review Board (DRB) and do NOT constitute DRB approval or denial.*

PROJECT NAME: 1016 William Hilton Parkway – Beaufort Memorial Hospital DRB-001675-2025

DATE: 2/25/2025 CATEGORY: Conceptual

RECOMMENDATION: Approval ☐ Approval with Conditions ☐ Denial ☐ Tabled ☒

## *APPLICATION MATERIAL*

| DRB REQUIREMENTS | Complies Yes | No | Not Applicable | Comments or Conditions |
|---|---|---|---|---|
| Demolition Plan if needed | ☒ | ☐ | ☐ | |
| Existing Conditions match As-Built | ☐ | ☐ | ☒ | |
| Dimensioned Details and of Sections | ☐ | ☒ | ☐ | Provide Dimensioned Details and Sections |
| Detail Illustrating Connection to Existing Structure | ☐ | ☐ | ☒ | |
| New Building Details Match Existing Building Details | ☐ | ☐ | ☒ | |

## *ARCHITECTURAL DESIGN*

| DESIGN GUIDE/LMO CRITERIA | Complies Yes | No | Not Applicable | Comments or Conditions |
|---|---|---|---|---|
| Structure is designed to be appropriate to the neighborhood | ☐ | ☒ | ☐ | Applicant did not make changes to the front façade based on DRB comments. |
| Promotes pedestrian scale and circulation | ☒ | ☐ | ☐ | |
| Design is unobtrusive and set into the natural environment | ☐ | ☒ | ☐ | Applicant did not make changes to the front façade based on DRB comments. |
| Utilizes natural materials and colors | ☐ | ☒ | ☐ | Applicant did not make changes to the front façade based on DRB comments. |
| Avoids distinctive vernacular styles | ☐ | ☒ | ☐ | Applicant did not make changes to the front façade based on DRB comments. |

| | | | | |
|---|---|---|---|---|
| Design is appropriate for its use | ☐ | ☒ | ☐ | Applicant did not make changes to the front façade based on DRB comments. |
| All facades shall have equal design characteristics | ☐ | ☒ | ☐ | Applicant did not make changes to the front façade based on DRB comments. |
| Avoids monotonous planes or unrelieved repetition | ☒ | ☐ | ☐ | |
| Has a strong roof form with enough variety to provide visual interest | ☐ | ☒ | ☐ | Please provide a roof plan. |
| Overhangs are sufficient for the façade height. | ☒ | ☐ | ☐ | |
| Forms and details are sufficient to reduce the mass of the structure | ☒ | ☐ | ☐ | |
| Human scale is achieved by the use of proper proportions and architectural elements | ☒ | ☐ | ☐ | |
| Utilizes a variety of materials, textures and colors | ☒ | ☐ | ☐ | The applicant has provided a materials board. |
| Incorporates wood or wood simulating materials | ☒ | ☐ | ☐ | Indicate in the elevations the materials being used. |
| Windows are in proportion to the facade | ☐ | ☒ | ☐ | Front façade is not proportional to rest of building. |
| Details are clean, simple and appropriate while avoiding excessive ornamentation | ☒ | ☐ | ☐ | Provide architectural details in the plan set. |
| Utilities and equipment are concealed from view | ☒ | ☐ | ☐ | |
| Decorative lighting is limited and low wattage and adds to the visual character | ☒ | ☐ | ☐ | Provide an exterior lighting plan. |
| Accessory elements are designed to coordinate with the primary structure | ☒ | ☐ | ☐ | |

## *LANDSCAPE DESIGN*

| DESIGN GUIDE/LMO CRITERIA | Complies Yes | No | Not Applicable | Comments or Conditions |
|---|---|---|---|---|
| Treats the Landscape as a major element of the project | ☒ | ☐ | ☐ | |
| Provides Landscaping of a scope and size that is in proportion to the scale of the development | ☒ | ☐ | ☐ | |
| Landscape is designed so that it may be maintained in its natural shape and size | ☒ | ☐ | ☐ | |
| Preserves a variety of existing native trees and shrubs | ☐ | ☐ | ☒ | |
| Provides for a harmonious setting for the site's structures, parking areas or other construction | ☒ | ☐ | ☐ | |
| Location of existing trees and new trees provides street buffers, mitigation for parking lots, and an architectural complement that visually mitigates between parking lots and building(s) | ☒ | ☐ | ☐ | |
| Shrubs are selected to complement the natural setting, provide visual interest and screen less-desirable | ☒ | ☐ | ☐ | |

| | | | | |
|---|---|---|---|---|
| elements of the project | | | | |
| A variety of species is selected for texture and color | ☒ | ☐ | ☐ | |
| Provides overall order and continuity of the Landscape plan | ☒ | ☐ | ☐ | |
| Native plants or plants that have historically been prevalent on the Island are utilized | ☒ | ☐ | ☐ | |
| A variety of sizes is selected to create a "layered" appearance for visual interest and a sense of depth | ☒ | ☐ | ☐ | |
| The location of existing mature trees is taken into account in placement of shrubs so as not to damage tree roots | ☒ | ☐ | ☐ | |
| Proper spacing and location for plants to reach their mature size and natural shape while avoiding excessive or unnatural pruning | ☒ | ☐ | ☐ | |
| Proposed groundcovers are evergreen species with low maintenance needs | ☒ | ☐ | ☐ | |
| Large, grassed lawn areas encompassing a major portion of the site are avoided | ☒ | ☐ | ☐ | |
| The adjacent development is taken into account in determining the most appropriate buffer so as not to depart too dramatically from the neighborhood | ☒ | ☐ | ☐ | |
| Ornamentals and Annuals are limited to entrances and other focal points | ☒ | ☐ | ☐ | |

## *NATURAL RESOURCE PROTECTION*

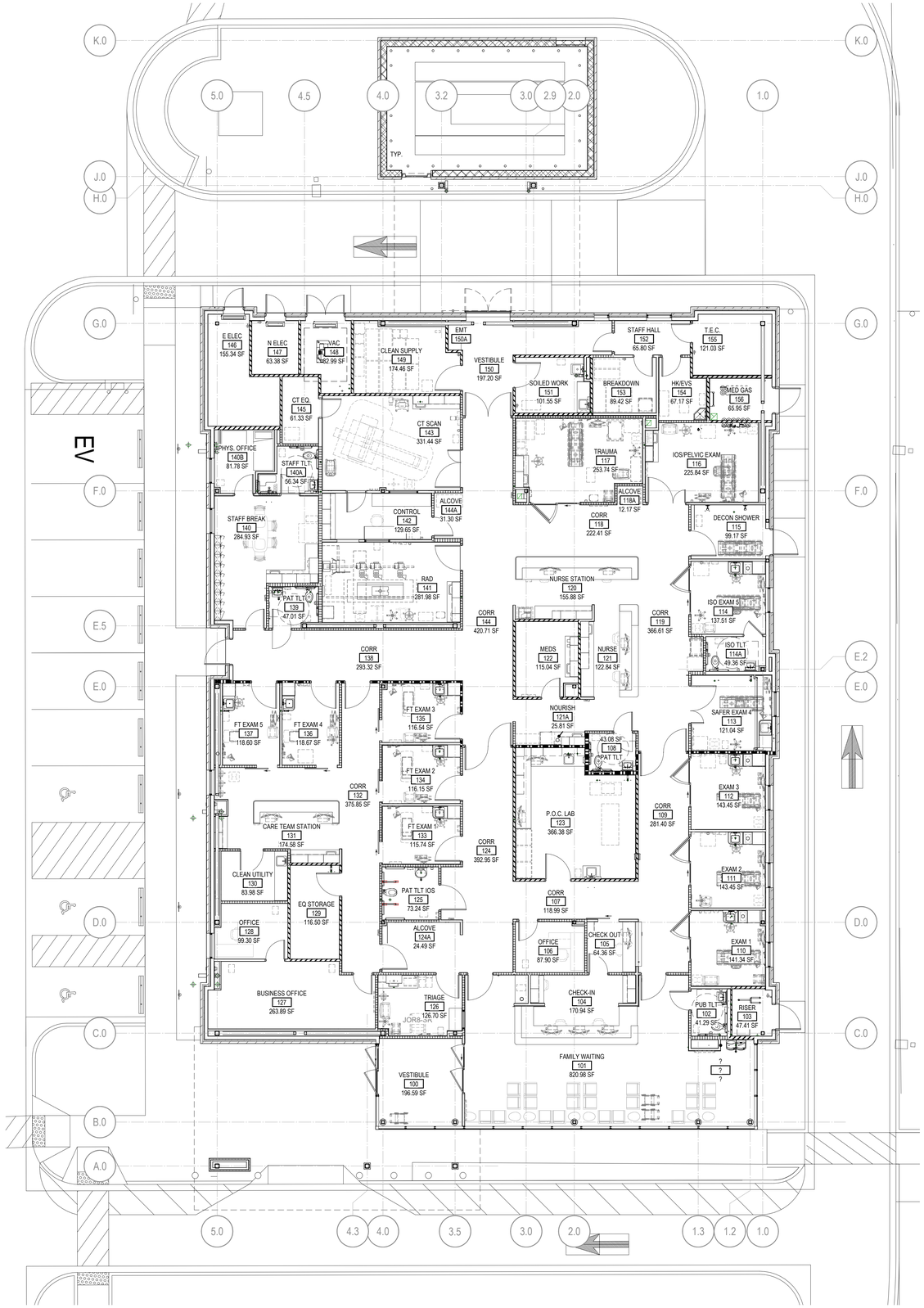
| DESIGN GUIDE/LMO CRITERIA | Complies Yes | No | Not Applicable | Comments or Conditions |
|---|---|---|---|---|
| An effort has been made to preserve existing trees and under story plants | ☒ | ☐ | ☐ | |
| Supplemental and replacement trees meet LMO requirements for size, species and number | ☒ | ☐ | ☐ | |
| Wetlands if present are avoided and the required buffers are maintained | ☐ | ☐ | ☒ | |
| Sand dunes if present are not disturbed | ☐ | ☐ | ☒ | |

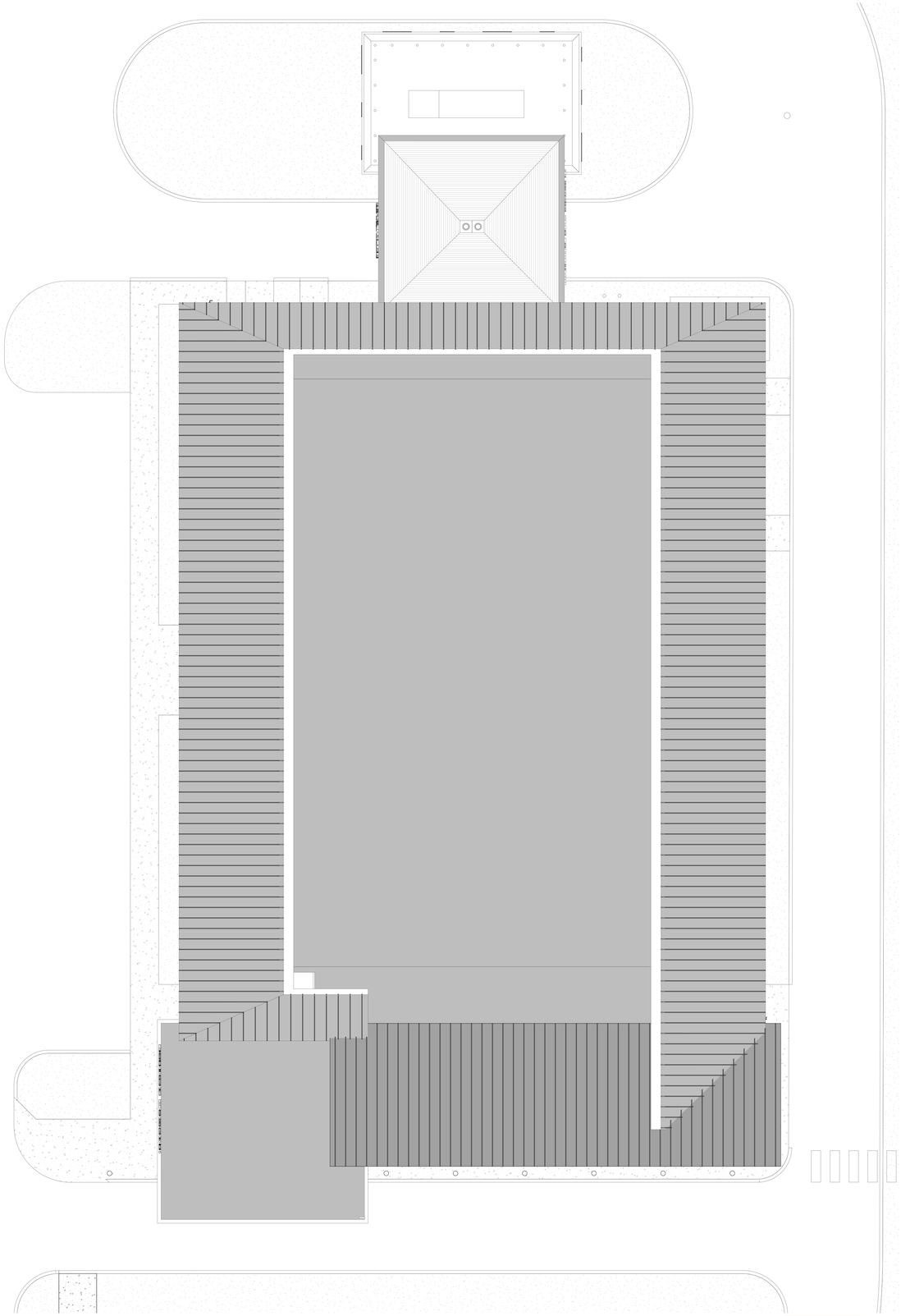
## *COMMENTS & CONDITIONS*

Staff recommends that this item be tabled for the conceptual submittal for 1016 William Hilton Parkway.

1. Staff recommends reevaluation of previous DRB comments based on the glass façade facing William Hilton Parkway.

- The glass element lacks Lowcountry design and Hilton Head Island character.
- This submission does not address DRB comments from the project's first Conceptual DRB review.
- The Town's Design Guide states "Window openings must be in proportion to the façade or façade element and have a unified relationship in overall design," and this design does not achieve this.
- The Town's Design Guide states "Single material façades are generally not appropriate," this projects glass façade is in direct conflict with this Design Guide element.



# BCMH EMERGENCY DEPARTMENT HILTON HEAD ISLAND

## FLOOR PLAN AND ROOF PLAN

**02/11/25**

1016 WILLIAM HILTON PKWY
HILTON HEAD ISLAND, SC 29928

ENVIRONMENTS FOR HEALTH ARCHITECTURE
888.781.8441 817.226.1917 1217 8th Ave, Fort Worth, TX 76104

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SOUTHWEST PERSPECTIVE

SOUTHWEST PERSPECTIVE

NORTHWEST PERSPECTIVE

AERIAL VIEW

SOUTHEAST PERSPECTIVE

WEST ELEVATION

EAST ELEVATION

# BCMH EMERGENCY DEPARTMENT HILTON HEAD ISLAND

02/11/25

1016 WILLIAM HILTON PKWY
HILTON HEAD ISLAND, SC 29928

## EXTERIOR RENDERINGS

e4h ENVIRONMENTS FOR HEALTH ARCHITECTURE
888.781.8441 817.226.1917 1217 8th Ave, Fort Worth, TX 76104

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THE LINE SHOWN ABOVE IS EXACTLY ONE HORIZONTAL INCH ON ORIGINAL ARCHITECT'S DRAWINGS

# LIGHT FIXTURE SCHEDULE

| TYPE | MANUFACTURER | CATALOG NUMBER | ELECTRICAL DATA | LAMP | MOUNTING | DESCRIPTION |
|---|---|---|---|---|---|---|
| T2 | LITHONIA | DSX1 LED-P1-40K-70CRI-T2M-MVOLT-SPA-EGSR | 120 V/1-51 VA | LED | POLE | LED, SITE LIGHT, SINGLE HEAD, 30' POLE, TYPE 2 DIST, EXTERNAL GLARE SHIELD, FINISH SELECTED BY ARCHITECT |
| T3 | LITHONIA | DSX1 LED-P1-40K-70CRI-BLC3-MVOLT-SPA-EGSR | 120 V/1-51 VA | LED | POLE | LED, SITE LIGHT, SINGLE HEAD, 17' 6" POLE, TYPE 3 DIST, EXTERNAL GLARE SHIELD, FINISH SELECTED BY ARCHITECT |
| T4 | LITHONIA | DSX1 LED-P1-40K-70CRI-BLC4-MVOLT-SPA-EGSR | 120 V/1-51 VA | LED | POLE | LED, SITE LIGHT, SINGLE HEAD, 17' 6" POLE, TYPE 4 DIST, EXTERNAL GLARE SHIELD ,FINISH SELECTED BY ARCHITECT |

| | MINIMUM | MAXIMUM | AVERAGE | MAX:MIN | AVG:MIN |
|---|---|---|---|---|---|
| PARKING | 0.5 FC | 6.1 FC | 2.4 FC | 12.2:1 | 4.8:1 |
| PROPERTY LINE | 0.0 FC | 0.1 FC | 0.0 FC | | |

## D-Series Size 1
LED Area Luminaire

Catalog Number
Notes
Type

This fixture is ready to ship in 5 business days or less. To configure this product, visit the D-Series Size 1 product page and click the "Configure" button.

### Specifications

EPA: 0.69 ft² (0.06 m²)
Length: 32.71" (83.1 cm)
Width: 14.26" (36.2 cm)
Height H1: 7.88" (20.0 cm)
Height H2: 2.73" (6.9 cm)
Weight: 34 lbs (15.4 kg)

### Introduction

The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

### Ordering Information

EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX1 LED

| Series | LEDs | Color temperature[1] | Color Rendering Index[1] | Distribution | | Voltage | Mounting |
|---|---|---|---|---|---|---|---|
| DSX1 LED | **Forward optics** | (this section 70CRI only) | | AFR Automotive front row | T5M Type V medium | MVOLT (120V-277V)[1] | **Shipped included** |
| | P1 P6 | 30K 3000K | 70CRI | T1S Type I short | T5LG Type V low glare | HVOLT (347V-480V)[2] | SPA Square pole mounting (4ft drilling) |
| | P2 P7 | 40K 4000K | 70CRI | T2M Type II medium | T5W Type V wide | XVOLT (277V - 480V)[3,4] | RPA Round pole mounting (4ft drilling) |
| | P3 P8 | 50K 5000K | 70CRI | T3M Type III medium | BLC3 Type III backlight control[5] | 120[5,6,7] | SPA5 Square pole mounting #5 drilling[8] |
| | P4 P9 | (this section 80CRI only, extended lead times apply) | | T3LG Type III low glare[5] | BLC4 Type IV backlight control[5] | 208[5,6,7] | RPA5 Round pole mounting #5 drilling[8] |
| | P5 | | | T4M Type IV medium | LCCO Left corner cutoff[5] | 240[5,6,7] | SPA8R Square narrow pole mounting #8 drilling |
| | **Rotated optics** | 27K 2700K | 80CRI | T4LG Type IV low glare[5] | RCCO Right corner cutoff[5] | 277[5,6,7] | WBA Wall bracket[9] |
| | P10[5] P12[5] | 30K 3000K | 80CRI | T5FTM Forward throw medium | | 347[5,6,8] | MA Mast arm adapter (mounts on 2 3/8" OD horizontal tenon) |
| | P11[5] P13[5] | 35K 3500K | 80CRI | | | 480[5,6,8] | |
| | | 40K 4000K | 80CRI | | | | |
| | | 50K 5000K | 80CRI | | | | |

| Control options | | | Other options | Finish (required) | |
|---|---|---|---|---|---|
| **Shipped installed** | | PER7 Seven-pin receptacle only (controls ordered separately)[11,12] | **Shipped installed** | DDBXD Dark Bronze | |
| NLTAIR2 PIRHN | nLight AIR gen 2 enabled with bi-level motion / ambient sensor, 8–40' mounting height, ambient sensor enabled at 2fc.[13,14,15,16] | PER NEMA twist-lock receptacle only (controls ordered separately)[11] | SPD20KV 20kV surge protection | DBLXD Black | |
| PIR | High/low, motion/ambient sensor, 8–40' mounting height, ambient sensor enabled at 2fc.[13,14,15] | PERS Five-pin receptacle only (controls ordered separately)[11,12] | HS Houseside shield (black finish standard)[22] | DNAXD Natural Aluminum | |
| PER | NEMA twist-lock receptacle only (controls ordered separately)[11] | | LVG Left rotated optics[1] | DWHXD White | |
| PERS | Five-pin receptacle only (controls ordered separately)[11,12] | | RVG Right rotated optics[1] | DDBTXD Textured dark bronze | |
| | | | CCE Coastal Construction[23] | DBLBXD Textured black | |
| | | | HA 50°C ambient operation[13] | DNATXD Textured natural aluminum | |
| | | | BAA Buy American‡ Act Compliant | DWHGXD Textured white | |
| | | | SF Single fuse (120, 277, 347V)[24] | | |
| | | | DF Double fuse (208, 240, 480V)[24] | | |
| | | | **Shipped separately** | | |
| | | | EGSR External Glare Shield (reversible, field install required, matches housing finish) | | |
| | | | BSDB Bird Spikes (field install required) | | |



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### Ordering Information

#### Accessories

Ordered and shipped separately.

DLL127F 1.5 JU Photocell - SSL twist-lock (120-277V)[17]
DLL347F 1.5 CUL JU Photocell - SSL twist-lock (347V)[17]
DLL480F 1.5 CUL JU Photocell - SSL twist-lock (480V)[17]
DSHORT SBK Shorting cap[18]
DSX1HS/FP House-side shield (enter package number 1-13 in place of #)
DSXRPA (FINISH) Round pole adapter (4ft drilling; specify finish)
DSXSPA1 (FINISH) Square pole adapter (4ft drilling; specify finish)
DSXRPA1 (FINISH) Round pole adapter (4ft drilling; specify finish)
DSX1EGSR (FINISH) External glare shield (specify finish)
DSX1BSDB (FINISH) Bird spike deterrent bracket (specify finish)

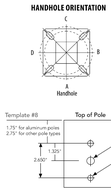
NOTES
1 Rotated optics available with packages P10, P11, P12 and P13. Must be combined with option LPD or RPD.
2 230, 400, and 50K available in 70CRI and 80CRI. 27K and 35K only available with 80CRI. Contact Technical Support for other possible combinations.
3 T3LG, T4LG, BLC3, BLC4, LCCO, RCCO not available with option HS.
4 XVOLT operates on any line voltage from 277-480V (50/60 Hz).
5 HVOLT driver operates on any line voltage from 347-480V (50/60 Hz).
6 HVOLT not available with package P1 and P10 when combined with option NLTAIR2 PIRHN or option PIR.
7 120V operates with any voltage input in the range 120-277V (50/60 Hz).
8 XVOLT operates with any voltage input in P10, XVOLT not available with fusing (SF or DF).
9 SPA5 and RPA5 for use with #5 drilling only (Not for use with #8 drilling).
10 WBA cannot be combined with Type 5 distributions plus photocell (PER).
11 NLTAIR2 and PIRHN must be ordered together. For more information on nLight AIR2 visit this link.
12 PER7, PER NEMA twist-lock receptacle only (controls ordered separately) and PER5, PER7, PER7P, FAO, BL30, BL50, DMG and DS. NLTAIR2 PIRHN not available with P1 and P10 using HVOLT. NLTAIR2 PIRHN not available with P1 and P10 using XVOLT.
13 PIR not available with NLTAIR2 PIRHN, PER, PERS, PER7, FAO BL30, BL50, DMG and DS. PIR not available with P1 and P10 using HVOLT. PIR not available with P1 and P10 using XVOLT.
14 PER/PERS/PER7 not available with NLTAIR2 PIRHN, PIR, BL30, BL50, FAO, DMG and DS. Photocell ordered and shipped as a separate line item from Acuity Brands. See Accessories for ordering information.
15 FAO not available with other dimming control options NLTAIR2 PIRHN, PIR, PERS, PER7, BL30, BL50, DMG and DS.
16 BL30 and BL50 are not available with NLTAIR2 PIRHN, PIR, PER, PERS, PER7, FAO, DMG and DS. BL30 or BL50 must specify 120, 277 or 347V. Consult factory for other voltage options.
17 DMG not available with NLTAIR2 PIRHN, PIR, PER, PERS, PER7, BL30, BL50, FAO and DS.
18 DS not available with NLTAIR2 PIRHN, PIR, PER, PERS, PER7, BL30, BL50, FAO and DMG.
19 DS requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P6, P7, P8, P9 and P13.
20 Contact Technical Sales for Sensor Output settings.
21 Reference Controls Options table on page 4 to see functionality.
22 HS not available with T3LG, T4LG, BLC3, BLC4, LCCO and RCCO distribution. Also available as a separate accessory; see Accessories information.
23 CCE option not available with option BS and EGSR. Contact Technical Sales for availability.
24 Option HA not available with performance packages P4, P5, P7, P8, P9 and P13.
25 Contact factory for availability of Buy American‡ Act (BAA) option. See Controls Table on page 4.
26 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V. XVOLT not available with fusing (SF or DF).

### Shield Accessories

External Glare Shield (EGSR)

House Side Shield (HS)

### Drilling




#### Tenon Mounting Slipfitter

| Tenon O.D. | Mounting | Single Unit | 2 @ 180 | 2 @ 90 | 3 @ 90 | 3 @ 120 | 4 @ 90 |
|---|---|---|---|---|---|---|---|
| 2-3/8" | RPA | AS1-5 190 | AS1-5 280 | AS1-5 290 | AS1-5 390 | AS1-5 320 | AS1-5 490 |
| 2-7/8" | RPA | AST25-190 | AST25-280 | AST25-290 | AST25-390 | AST25-320 | AST25-490 |
| 4" | RPA | AST35-190 | AST35-280 | AST35-290 | AST35-390 | AST35-320 | AST35-490 |

| Mounting Option | Drilling Template | Single | 2 @ 180 | 2 @ 90 | 3 @ 90 | 3 @ 120 | 4 @ 90 |
|---|---|---|---|---|---|---|---|
| Head Location | | Side B | Side B & D | Side B & C | Side B, C & D | Round Pole Only | Side A, B, C & D |
| Drill Nomenclature | #8 | DM19AS | DM28AS | DM29AS | DM39AS | DM32AS | DM49AS |
| Maximum Acceptable Outside Pole Dimensions | | | | | | | |
| SPA | #8 | 3.5" | 3.5" | 3.5" | 3.5" | | 3.5" |
| RPA | #8 | 7" | 7" | 7" | 7" | 7" | 7" |
| SPA5 | #5 | 7" | 7" | 7" | 7" | | 7" |
| RPA5 | #5 | 7" | 7" | 7" | 7" | 7" | 7" |
| SPA8R | #8 | 7" | 7" | 7" | 7" | | 7" |

#### DSX1 Area Luminaire - EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

| Tenon Quantity & Mounting Configuration | Single DM19 | 2 @ 180 DM28 | 2 @ 90 DM29 | 3 @ 90 DM39 | 3 @ 120 DM32 | 4 @ 90 DM49 |
|---|---|---|---|---|---|---|
| Mounting Type | | | | | | |
| DSX1 with SPA | 0.69 | 1.38 | 1.23 | 1.54 | — | 1.58 |
| DSX1 with SPA5, SPA8R | 0.70 | 1.40 | 1.30 | 1.66 | — | 1.68 |
| DSX1 with RPA, RPA5 | 0.70 | 1.40 | 1.30 | 1.66 | 1.68 | 1.68 |
| DSX1 with MA | 0.83 | 1.66 | 1.50 | 2.09 | 2.09 | 2.09 |



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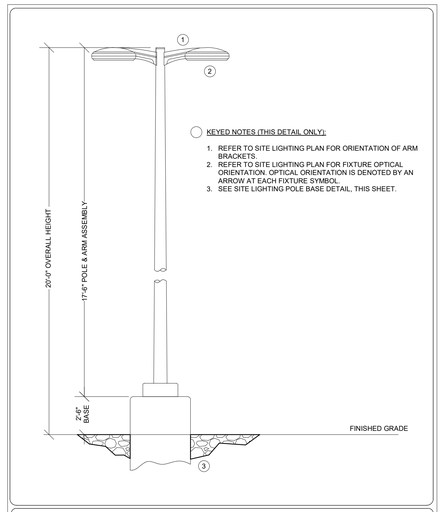



KEYED NOTES (THIS DETAIL ONLY):

1. REFER TO SITE LIGHTING PLAN FOR ORIENTATION OF ARM BRACKETS.
2. REFER TO SITE LIGHTING PLAN FOR FIXTURE OPTICAL ORIENTATION. OPTICAL ORIENTATION IS DENOTED BY AN ARROW AT EACH FIXTURE SYMBOL.
3. SEE SITE LIGHTING POLE BASE DETAIL, THIS SHEET.

**EXTERIOR LIGHTING FIXTURES**
**FIXTURE & POLE ASSEMBLY ELEVATION**

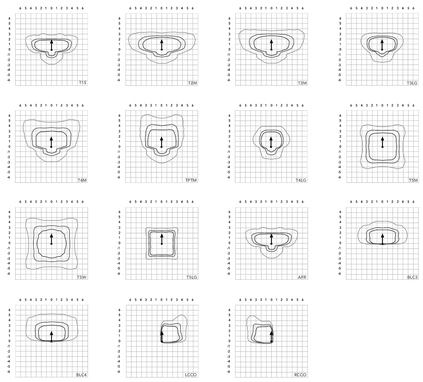
SCALE: NONE

### Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's homepage.

Isofootcandle plots for the DSX1 LED P9 40K 70CRI. Distances are in units of mounting height (25').

LEGEND
0.1 fc
0.5 fc
1.0 fc



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1 / E0.05 ELECTRICAL - SITE PLAN - PHOTOMETRICS
1" = 20'-0"


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Enfinity Project # 24203


ENVIRONMENTS FOR HEALTH ARCHITECTURE
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SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 30024 TYLER P ELDER


MPE ENGINEER
EFINITY ENGINEERING, LLC
214 CENTERVIEW DR
SUITE 200
615.377.0093


SOUTH CAROLINA ENFINITY ENGINEERING, LIMITED LIABILITY COMPANY No. 3700 CERTIFICATE OF AUTHORIZATION

**BEAUFORT MEMORIAL HOSPITAL**
1016 WILLIAM HILTON PARKWAY HILTON HEAD ISLAND
HILTON HEAD ISLAND, SC 29928
PROJECT:

| Δ | DATE | DESCRIPTION |
|---|---|---|

ORIG SUBMISSION: 10/09/24
CURRENT:

SHEET TITLE AND NUMBER:

**E0.05**

ELECTRICAL- SITE PLAN - PHOTOMETRICS