Town of Hilton Head Island

Design Review Board Meeting

Tuesday, February 27, 2024, 2:30 PM
1 Town Center Court, Hilton Head Island, SC
Benjamin M. Racusin Council Chambers

---

1. **Call to Order**
2. **Adoption of the Agenda**
3. **Approval of the Minutes**
   a. Regular Meeting Minutes of February 13, 2024.
4. **Appearance by Citizens**
5. **Unfinished Business**
   a. DRB-000275-2024 - 70 Wilborn - Hilton Head Island High School Renovations - Final Review
6. **New Business**
   a. DRB-002136-2023 - 27 New Orleans Road - Alljoy Donut and Bike Rental - Conceptual Review
   b. DRB-000276-2024 - 148 Beach City Road - New Car Barn Building - Conceptual Review
7. **Board Business**
8. **Staff Reports**
9. **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.

In accordance with the requirements of Title II of the Americans with Disabilities Act of 1990 ("ADA"), the Town of Hilton Head Island will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities. Auditory accommodations are available. Any person requiring further 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 13, 2024, 2:30 PM
Minutes

1. Call to Order

Chair Foss called the meeting to order at 2:00 p.m. Present were Cathy Foss, Chair, Annette Lippert, Todd Theodore, Ryan Bassett and John Moleski. Judd Carstens, Vice Chair and Tom Parker were absent.

2. Adoption of the Agenda

Mr. Theodore moved to approve the Agenda as presented. Ms. Lippert seconded. The Motion passed with a vote of 5-0.

3. Approval of the Minutes

a. Regular Meeting Minutes of January 23, 2024

Mr. Bassett moved to approve. Mr. Moleski seconded. The Minutes of January 23, 2024 were approved with a vote of 4-0. Mr. Theodore was not present at the January 23, 2024 meeting.

4. Appearance by Citizens

Public comments concerning agenda items were to be submitted electronically via the Open Town Hall Portal and none were received. No one spoke at the meeting.

5. Unfinished Business

None

6. New Business

a. DRB-000185-2024 - 70 Marshland Road - Pavilion Update with New Cabanas - Alteration/Addition

Alexis Cook provided staff's presentation as included in the packet. Staff recommends approval as submitted with the condition that if any new light fixtures are proposed, that any new conduits are concealed to the greatest extent possible.

Following staff's presentation, the Applicant provided additional details to the Board. The Board proceeded to ask several questions of the Applicant. After a brief discussion, Mr. Basset moved to approve with the following conditions: 1) Lighting and ceiling fan specs be provided to the Town for Town Staff approval 2) any conduit be either concealed or painted to match the added structure. Mr. Theodore seconded. The motion was

approved with a vote of 7-0.

7. Board Business

None

8. Staff Reports

Ms. Cook provided the Minor Corridor Report to the Board.

9. Adjournment

The meeting was adjourned at 2:48 p.m.

Approved:

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

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: 70 Wilborn Road – Hilton Head High School Renovations DRB#: DRB-000275-2024

DATE: 2/27/2024 CATEGORY: Final

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 an 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	☒	☐	☐	*Tree protection will be provided for any significant trees within 15' of proposed work.*
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 as submitted with the following condition:
    a. The proposed fence be changed from "Matte Black" to a bronze color, unless the fence is to match with the greater master plan of the school. See Sheet L303.

70 WILBORN
FINAL REVIEW
FEBURARY 27, 2024
DRB-000275-2024

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: Don Baus Company: Little Diversified Architectural Consulting
Mailing Address: 4900 O'hear Ave, Suite 200 City: Charleston State: SC Zip: 29405
Telephone: 843.212.9768 Fax: N/A E-mail: don.baus@littleonline.com
Project Name: Hilton Head Island High School Project Address: 70 Wilborn Rd, Hilton Head, SC 29926
Parcel Number [PIN]: R510 007 000 0118 0000
Zoning District: Main Street (MS) Overlay District(s): Highway Corridor Overlay District of William Hilton Parkway

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
__X__ 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.

__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

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

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

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

__X__ 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.

__X__ 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.

__X__ 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.

2.13.2024

SIGNATURE DATE

70 WILBORN

PROJECT NARRATIVE

Hilton Head Island High School Design Narrative

Overview:

Home to the Seahawks, Hilton Head Island High School is located on Hilton Head Island at 70 Wilborn Road. HHIHS sits with Hilton Head Island Elementary School to the Southwest and Hilton Head Island Middle School is to the Northeast. On Hilton Head Island, preserving natural elements and the lowcountry landscape is a priority. In doing so, the new design will reflect and celebrate the natural landscape instead of overpowering the lowcountry surroundings.

History is a main component in the project. The island has been home to many residents over the years including Native Americans and Gullah people. Elements within the design will be able to honor the history of the island as well as the high school.

HHIHS students excel in many different areas; a few of them being arts, academics, and athletics. Currently, the HHIHS building does not have enough classroom, storage, or meeting space. Variety and flexibility of classrooms and seating is one of the top priorities of the project to create multifunctional learning spaces that benefit both students and faculty.

The current single story (SQF) building includes an academic wing, 9th grade hall, main and auxiliary gyms, ROTC hall, art hall, cafeteria, administration, guidance offices, media center, and the Seahawk Cultural Center. The current building lacks in natural light, functionality, and flexibility within academic and extracurricular spaces.

The new building will be just under 260,000 SQF and allow students the space they need to further achieve academic and extracurricular excellence. The project will be broken up into two phases. Phase 1 will consist of the construction of a 3-story academic building equipped with a 9th grade hall on the first floor, resource rooms, teacher work rooms, and storage space. Once the new academic wing is built, students will move from their current classrooms into the new structure. Health CTE, Administration, and new Media Center will also be included in Phase 1 of the project.

Phase 2 will consist of demolition of the old academic wing, construction of the new cafeteria, culinary classroom and lab space; high bay CTE space equipped for welding and marine service technologies; connecting corridor leading from the entrance to the bus loop; an outdoor courtyard space with a variety of seating for collaboration, eating, class space, etc., and additional renovations including the ROTC hall, art hall, Seahawk Multicultural Center, and athletic spaces.

Program Statement:

The project aims to create a multi-functional school for the students and faculty at HHIHS. Design components that honor and reflect the rich history, culture, and landscape of Hilton Head Island and Hilton Head Island High School in the design will create a sense of school and community pride throughout. By incorporating natural light into the building and an outdoor courtyard students and faculty will have more outdoor connectivity and by incorporating these elements into the new HHIHS we can set future generations of Seahawks up for success.

70 WILBORN

FINAL CIVIL PLANS

Site Development Plans

for

HILTON HEAD ISLAND HIGH SCHOOL REBUILD

Phase 1

Educational

Hilton Head Island, South Carolina

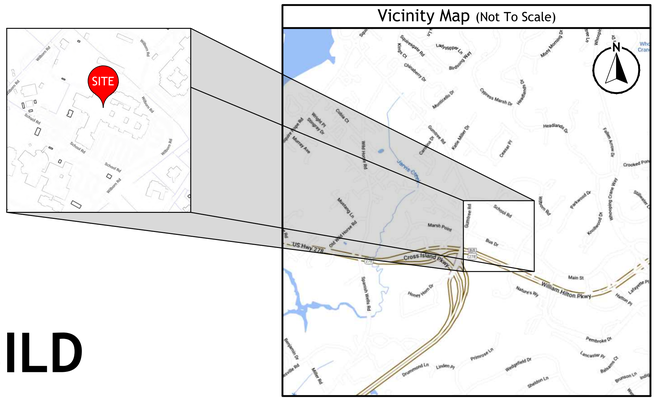
Tax Map #: R510 007 000 0118 0000

70 Wilborn Rd

GIS coord: N 32°13' 10", W 80°43' 55"

Vertical Datum: NAVD88

Horizontal Datum: NAD83



Schedule of Drawings

Sheet No.	Description
C001	Cover Sheet
C002	Construction Notes
C003	Sheet Index
C101	Existing Conditions Plans
C201	Initial Erosion Control Plans and Details
C301	Clearing & Demolition Plans and Details
C401	Site Layout Plans
C501	Grading Plans and Details
C601	Drainage Plans and Details
C700	Overall Utility Plan
C701	Utility Plans, Profiles and Details
C801	Intermediate & Final Erosion Control Plans and Details
C901	Paving Plans, Signage & Marking Plans, and Details
C1001	Life Safety and Traffic Pattern Exhibits

Release Schedule

Release No.	Description	Date
A.	Released for SD Set	06/28/2023
B.	Released for DD Set	07/17/2023
C.	Released for Permitting	09/14/2023
D.	Released for 75% CD Set	10/31/2023
E.	Released for CD Set	01/29/2024
F.	Revision-1	02/12/2024

Design Team

Geotechnical Engineer:	Landscape Architect:	Architect:	Land Surveyor:	Developer:
TERRACON	SURCULUS	LITTLE DIVERSIFIED ARCHITECTURE	BOWMAN	BEAUFORT COUNTY SCHOOL DISTRICT
843.258.7075	843.708.5240	843.212.9768	843.501.0333	843.322.2300

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(664) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL
No. 22816
LICENSED
PAUL R. MOORE
02/12/24

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	C301, C302, C401, C402, C501, C502, C601, C602, C604, C701, C702, C802, C804, C901, C902, C905	02.09.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
COVER

SHEET NUMBER
C001

General Notes:

1. Boundary information provided by , dated , by .
2. Topographic data provided by Bowman Consulting Group, dated 06/13/23.
3. Approximate location of certain existing underground utility lines and structures are shown on the plans for information only additional underground lines or structures may exist that are not shown. Call south carolina 811 at 811 or 1-888-721-7877 between the hours of 7:00 am and 7:00 pm monday thru friday at least three working days before commencing construction. request underground utilities to be located and marked within and near the construction site.
4. Comply with "south carolina underground facility damage prevention act (effective june 7, 2012). notification of intent to excavate may be given by calling the toll free number: 1-800-922-0983.
5. Protect bench marks and property monuments from damage during construction operations. replace any bench marks or monuments damaged or destroyed as a result of contractor's operations, at no cost to the owner, by a licensed surveyor in the state of south carolina.
6. Off-street parking for the contractor's employees and authorized visitors to the site must be provided and maintained throughout construction.
7. The contractor is responsible for adhering to weight limits prescribed for all public roads when hauling equipment and materials to and from the project site. Damages to existing pavement due to the contractor's construction operations or improper transportation of materials and equipment shall be the responsibility of the contractor.
8. At least one driving lane on public roads shall remain open to traffic at all times. traffic lanes will only be closed with the express written consent of the agency having jurisdiction over the roadway. Notify agency having jurisdiction at least 5 days before closing any driving lanes to traffic. provide traffic control devices, signs and flagmen as required to ensure public safety.
9. Contractor shall coordinate demolition, clearing and construction of improvements to minimize interference with vehicular and pedestrian traffic and with operations of existing facilities.

Water and Sewer Line Construction:

1. All water and sewer line construction shall conform to applicable state and hilton head public service district (HHPSD) requirements, standards and specifications.
2. HHPSD will be responsible for inspection and approval of all water and sewer system construction and for acceptance for operation and maintenance.
3. All utilities shown are approximate locations. The contractor is responsible for notification of all utility owners and for field verification of both horizontal and vertical locations prior to commencing construction. Any damages to existing utilities due to this construction shall be the responsibility of the contractor.
4. Notify the project engineer, if conflicts with existing structures require that proposed utilities be relocated.
5. The contractor must notify HHPSD forty-eight (48) hours prior to any construction, inspection or testing of the water distribution system.
6. Pipe, fittings, valves and appurtenances for water and sewer lines shall all be in accordance with the requirements contained in the HHPSD technical specifications.
7. Installation of water and sewer lines and appurtenances shall be in accordance with the HHPSD standard construction details and specifications.
8. Contractor shall install mechanical restraints on all bends, plugs and tees, 2" or larger, on waterlines and sanitary sewer force mains.
9. All water mains shall be sterilized and pressure tested in accordance with HHPSD specifications.
10. Separation of water mains and sewers:
    A. Parallel installation: unless otherwise specifically shown in a special detail on the plans, install water mains at least 10-ft. horizontally from any existing or proposed sanitary sewer or sanitary sewer force main, the distance being measured in a horizontal plane between the outside surfaces of the pipes.
    B. Crossings: unless otherwise specifically shown in a special detail on the plans, install water lines crossing sanitary sewers or sanitary sewer force mains to provide a minimum vertical separation of 18-inches between the outside surfaces of the pipes. This shall be the case whether the water line is above or below the sanitary sewer line. whenever possible locate the water line above the sewer line. Where a new water line crosses a new sewer line, place a full length of ductile iron pipe for water line at the crossing with pipe positioned so that the joints are as far as possible from the point of crossing. Where a new water line crosses an existing sewer line, place one full length of ductile iron pipe water line so that the joints are as far from the point of crossing as possible.
11. The contractor shall cut and patch existing pavement as required for the installation of utility lines.
12. Sanitary manhole rim grades shown are approximate. Adjust rim elevations to be flush with finished grade.
13. The contractor under this contract shall not make any connections to the existing water or sanitary sewer systems unless expressly authorized to do so by the HHPSD. all water and sewer improvements under this contract must be constructed complete, tested, inspected and approved by the HHPSD before any authorization to connect will be given. Coordination of testing, inspection and connections with the HHPSD is the responsibility of the contractor under this contract.
14. All water mains shall be installed with thirty-six inches (36") minimum cover (from finished grade). Maximum depth shall be five feet (5). where water mains may conflict with other utilities, the water main crossing shall be constructed with ductile iron pipe, mechanical joint 45-deg. bends and mechanical restraints.

Work on South Carolina Department of Transportation Right-of-Way:

1. Contractor shall review and comply with all conditions and special provisions contained in the SCDOT encroachment permit(s) issued for this project.
2. Contractor to refer to the most current edition of the SCDOT standard drawings.
3. Contractor is responsible for submitting construction notification form (48 hour minimum) and coordination of all work within SCDOT rights-of-way with the local and/or district SCDOT engineering representative.
4. Contractor is responsible for preparing and submitting a traffic control plan to SCDOT for approval minimum 48 hours prior to conducting work in the right-of-way. All traffic control plans shall conform to current MUTCD and current SCDOT guidelines and specifications.
5. All signage, pavement markings, and markers shall conform to current MUTCD guidelines and current SCDOT standard specifications and drawings.
6. All paving and drainage construction shall conform to current SCDOT standard specifications and drawings.
7. All pavement markings in SCDOT right-of-way shall be thermoplastic and conform to current MUTCD guidelines and current SCDOT standard specifications and drawings.
8. Removal of pavement markings shall conform to current SCDOT standard specifications for highway construction section 609.4.1.2.

Tree Protection-Hilton Head Island

1. Only those trees approved for removal in accordance with the town of hilton head island land management ordinance and so designated on the drawings for removal are to be removed as part of the site clearing operations. All trees not designated on the plans for removal must be preserved.
2. The contractor is responsible for marking the trees designated to be preserved and those to be removed in accordance with the requirements contained in section 16-6-104 of the town of hilton head island land management ordinance.
3. Prior to commencing any clearing or construction operations on the site, the contractor shall erect tree protection barriers around each tree or group of trees designated for preservation in accordance with the details on the plans and the requirements contained in section 16-6-404 of the town of hilton head island land management ordinance.
4. A tree protection zone shall be established in accordance with the provisions contained in section 16-6-404 of the town of hilton head island land management ordinance for each existing tree designated for preservation. The minimum tree protection zone shall be the tree dripline plus 1 foot. The size or configuration of the tree protection zone may be adjusted at the discretion of the town of hilton head island planning department director.
5. The area within the tree protection zone must remain open and unpaved. No change of grade will be allowed within the tree protection zone. Any activity within the tree protection zone is subject to approval by the town of hilton head island planning department director. The following activities are prohibited within the tree protection zone:
    A. Placement or storage of any soil, debris, oils, fuel, paints, building materials or any other materials.
    B. Burning
    C. Vehicle parking
    D. Paving
    E. Trenching for utilities
6. Where utility lines must pass thru the tree protection zone, they shall be installed by horizontal boring beneath the roots of the tree.
7. Where it is necessary for machinery and equipment to pass within the tree protection zone, approval must be obtained from the town of hilton head island planning department director. Special measures will be required to protect the roots from excessive compaction.
8. The contractor is responsible for coordinating a staking inspection with the town of hilton head island prior to clearing. The following must be completed before the inspection:
    A. All building edges, sidewalks, paved areas and utility lines staked.
    B. Tree protection barriers installed.
    C. Trees to be preserved marked with blue flagging and those to be removed marked with red flagging.
    D. All silt fence installed per the approved plan.

Contractor Note:

Contractor to obtain and become familiar with geotechnical report #HG 235024 prepared by TERRACON.

All work must conform to project technical specifications for Hilton Head Island High School Rebuild prepared by Ward Edwards Engineering. The contractor is responsible for obtaining a copy of the technical specifications if not provided with the drawings.

Permits

Permit	Permit #	Issued	Expires
HHI PSD			
Fire Marshal			
SCDHEC/MS4 Stormwater			
SCDHEC Water			
SCDHEC Wastewater			
Municipality Development			

Site Grading and Drainage:

1. All utilities shown are approximate locations. the contractor shall be responsible for providing 72-hour notice to all respective utility companies for field verification of existing utilities prior to construction. Any damages to existing utilities due to this construction shall be the responsibility of the contractor.
2. Temporary control of storm water drainage shall be the responsibility of the contractor. Sequencing and construction techniques shall prevent obstruction of storm sewers, ponding in traffic areas or rising of water levels which would enter adjacent buildings or structures.
3. Full width of street and road rights-of-way must be cleared and graded as shown in the details on the drawings.
4. Subgrade preparation: top soil shall be removed from paved areas to a minimum depth as recommended in the project's geotechnical report. all excavation shall be to subgrade limits.
5. All utility pipe lines, conduits and sleeves under paved areas must be in place prior to completion of the roadway subgrade compaction.
6. Finish grading shall include the placement of topsoil over all unpaved areas not occupied by buildings or structures and fine grading around buildings, adjacent to walks, curbs, gutters and structures to assure positive drainage.

SCDHEC/OCRM Sediment and Erosion Control Standard Notes (Revised Dec-2012):

1. If necessary, slopes, which exceed eight (8) vertical feet should be stabilized with synthetic or vegetative mats, in addition to hydroseeding. 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 installed, 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 sediment before being pumped back into any waters of the state.
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 plan to remove mud/soil from pavement, as may be required.
7. Residential subdivisions require erosion control features for infrastructure as well as for individual lot construction. Individual property owners shall follow these plans during construction or obtain approval of an individual plan in accordance with s.c reg. 72-300 et seq. and scr100000.
8. 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.
9. 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.
10. 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.
11. A copy of the swppp, inspection records, and rainfall data must be kept on site 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.
12. 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 7 calendar days.
13. Minimize soil compaction and, unless infeasible, preserve topsoil.
14. 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.
15. 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.).
16. The following discharges from sites are prohibited:
    A. Wastewater from washout of concrete, unless managed by an appropriate control.
    B. Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials.
    C. Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance.
    D. Soaps or solvents used in vehicle and equipment washing.
17. 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.
18. 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.
19. 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.

Dry Utility Conduits for Electric, Telephone and Cable TV:

1. All dry utility conduit ends shall be capped and marked with a steel rebar stake imbedded one (1) foot below ground surface.
2. 48" Minimum bury depth for all electrical conduits.
3. Maintain minimum 12" vertical clearance when crossing water, sewer, and storm drain lines.
4. Maintain minimum 18" horizontal clearance when paralleling water, sewer and storm drain lines.
5. Extend conduit beyond pavement, curb, and sidewalks.
6. The contractor shall be responsible for coordination of the installation of all utility service connections. Refer to approved building plans for the exact location of all service connections. The contractor must install all conduits, as shown on the plans or as required by respective utility companies. The contractor shall be responsible to ensure strict compliance with all applicable codes and regulations with regards to the installation of utilities and conduit.
7. Locations shown on the plans for proposed dry utility conduits are approximate only. All dimensioning and staking should be based on economical and practical construction. The contractor shall be responsible for coordination with the respective utility representatives, prior to any conduit installation.
8. Transformer pads shall be located as directed by the respective utility representative. The contractor shall be responsible for compliance with applicable code requirements.
9. Notify the engineer if conflicts with existing or proposed structures require proposed utilities be relocated.

Site Clearing and Demolition:

1. No clearing shall occur within designated buffer zones, tree protection zones, outside of the property lines or beyond the clearing limits unless otherwise specifically shown on the plans.
2. Only those trees designated on the drawings for removal are to be removed as part of the site clearing operations.
3. The contractor shall install a continuous line of flagging or fencing along the limits of clearing prior to commencing any clearing, demolition, or construction work on the project.
4. Exercise caution during clearing operations to avoid felling trees into designated tree protection zones.
5. No burning will be allowed within 50 feet of a tree protection zone or tree drip line. contractor shall coordinate any burning operations with local jurisdiction and fire departments.
6. Selective clearing areas shall be cleared of all brush and understory growth.

Sequence of Construction Activities

Estimated Start Date: 05-01-2024 Estimated Completion Date: 01-01-2026

Items must occur in the order listed; Items cannot occur concurrently unless specifically noted.

Phase 1: (Initial)

1. Receive npdes coverage from dhec.
2. Hold pre-construction meeting.
3. Notify dhec ocp; regional office or ocrm office 48 hours prior to beginning land-disturbing activities.
4. Installation of construction entrance.
5. Clearing & grubbing only as necessary for installation of perimeter controls.
6. Installation of perimeter controls (e.g. silt fence).
7. Install tree protection.
8. Install inlet protection.
9. Install sediment tubes.
10. Clearing & grubbing only in areas of basin.

Phases 2 & 3: (Intermediate & Final)

11. Installation of basin and installation of diversions to those structures (outlet structures must be completely installed as shown on the details before proceeding to next step; areas draining to these structures cannot be disturbed until the structures & diversions to the structures are completely installed). Install surface dewatering skimmer prior to moving to next step.
12. Clearing & grubbing of site or demolition (sediment & erosion control measures for these areas must already be installed).
13. Rough grading.
14. Installation of storm drain system and placement of inlet protection as each inlet is installed.
15. Install all required utilities and curbing.
16. FINE GRADING, PAVING, ETC.
17. Place topsoil & establish finish grades.
18. Permeable pavers shall be laid when all heavy construction is completed.
19. Clean-out of detention basins that were used as sediment control structures and re-grading of detention pond bottoms; if necessary, modification of sediment basin riser to convert to detention basin outlet structure.
20. Install permanent seeding.
21. Flush any sediment from storm sewer pipes and inlets.
22. Removal of temporary sediment & erosion control measures (including skimmer) after entire area draining to the structure is finally stabilized (the department recommends that the project owner / operator have the swppp preparer or registration equivalent approve the removal of temporary structures).
23. Perform as-built surveys of all detention structures and submit to dhec or ms4 for acceptance.
24. Submit notice of termination (not) to dhec as appropriate.

- NOTE: Perform weekly site inspections during land disturbing activities and make recommendations for additional BMPs or maintenance of existing BMPs
- NOTE: All pumped dewatering shall be performed using an appropriately sized pumped water filter bag.

Project information

Source of Title:
Beaufort County county register of deeds, deed book 570 page 1784

Use:
Existing: School
Proposed: School

Required Setbacks:
Front: N/A Feet
Rear: N/A Feet
Side: 20 Feet
Street: N/A Feet

Surface Coverage:
Max Impervious allowed: 94 AC X 60% =56 AC
Proposed impervious: 33 AC (35%)

Parking Summary:
Parking use types
Use type = xx spaces/xx sq. ft.
Parking required:
Use type = xx spaces
Parking provided:
Total = 144 spaces
Accessible parking required: x spaces
Accessible parking provided: x spaces
EV charging station required:1 space
EV charging station provided: 2 spaces

Property Owner:
Beaufort County School District
PO Drawer 309

Flood Zone:
ZONE X (AREA OUTSIDE OF 0.2% ANNUAL FLOOD RISK)

Property Zoning:
Educational

Site Area:
Total: 49.71 acres
Disturbed: 9.3 acres

Building Height:
Maximum: 75 feet
Proposed: 60 feet

Utility Contacts:

Palmetto Electric	843-208-5512	1 Cooperative Way, Hardeeville, SC 29927
Dominion Energy	800-251-7234	PO Box 100255 Columbia, SC 29202
BJWSA	843-987-9200	6 Snake Road, Okatie, SC 29909
Broad Creek PSD	843-785-7582	PO Box 5878, Hilton Head, SC 29938
South Island PSD	843-785-6224	PO Box 5148, Hilton Head, SC 29938
Hilton Head Island PSD	843-681-5525	PO Box 21264, Hilton Head, SC 29925
Hargray Communications	843-815-1675	PO Box 3380, Bluffton, SC 29910
Century Link	843-525-0044	2127 Boundary ST #16, Beaufort, SC 29902
Santee Cooper	843-761-8000	1 Riverwood Drive, Moncks Corner, SC 29461

SCDHEC-OCRM Certification:

"I have placed my signature and seal on the design documents submitted signifying that I accept responsibility for the design of the system. Further, i certify to the best of my knowledge and belief that the design is consistent with the requirements of title 48, chapter 14 of the code of laws of sc, 1976 as amended, pursuant to regulation 72-300 et seq. (if applicable), and in accordance with the terms and conditions of scr100000."

Paving Hatch Legend

Proposed Concrete Paving	
Heavy Duty Concrete Paving	
Proposed Sidewalk/Concrete	
Reinforced Grass Fire Lane	
Proposed Aggregate/Stones	
Proposed Asphalt (light duty)	
Proposed Asphalt (heavy duty)	
Mill & Overlay Asphalt	
Proposed Concrete Pavers	

Clearing / Demolition Legend

Demolition	
Milling	
Tree to be Removed	
Tree Protection	

Storm Sewer/Drainage Legend

	Proposed
Drop Inlet	DI: A1
Curb Inlet (with Grate)	CI: A1
Type 16 Curb Inlet	CI: A1
Valley Gutter Inlet	VI: A1
Trench Drain	TD: A1
Weir Inlet	WI: A1
Yard Inlet	YI: A1
Junction Box	JB: A1
Cleanout	CO
Downspout	
Storm Drain	
Underdrain	
Roof Drain Collector	
Flared End Section	
Headwall	
Headwall with Wings	
Outlet Control Structure	
Ditch Centerline	
Direction of Flow	

Sanitary Sewer Legend

	Proposed
Sanitary Sewer Manhole	MH: A1
Sanitary Sewer Cleanout	CO
Sanitary Sewer Wye	
Check Valve in Manhole	
Plug Valve	
Air Release Valve	
Sewer Line	S
Force Main	F
Reuse Main	R
Service Lateral	

Water System Legend

	Proposed
Water Meter	
Water Valve	
Reducer	
Post Indicator Valve	
Fire Hydrant	
Blowoff Hydrant	
Yard Hydrant	
Fire Depart. Connection (FDC)	
Cap	
Plug	
Backflow Preventor	
Butterfly Valve	
Fittings	
Water Line	W
Service Lateral	

Grading Legend

	Proposed
Top of Pavement Elevation	TP: 22.50
Top of Walk Elevation	TW: 22.50
Top of Curb Elevation	TC: 22.50
Finish Grade	FG: 22.5
High Point	HP
Low Point	LP
Contour	19
Ditch Centerline	
Direction of Flow	

Limits of Disturbance: NPDES

Erosion Prevention

Land Grading:	LG OR
Surface Roughening:	
Topsoiling:	
Temporary Seeding:	TS
Mulching:	M
ECB or TRM:	
FGM:	FGM
BFM:	BFM
Permanent Seeding:	PS
Sodding:	SO
Riprap:	
Outlet Protection:	RIPRAP / ECB or TRM
Dust Control:	DC
Polyacrylamide (PAM):	PAM

Runoff Conveyance Measures

Vegetated Channels:	
Riprap-Lined Channels:	
ECB OR TRM-Lined Channels:	
Paved Channels:	PC PC PC
Pipe Slope Drains:	
Temporary Stream Crossing:	
Temporary Diversion Ditch or Swale:	TD TD
Permanent Diversion Ditch:	PD PD
Diversion Dike or Berm:	DD DD
Level Spreader:	
Subsurface Drain:	SSD SSD

Sediment Control

Sediment Basin:	
Temporary Sediment Trap:	
Rock Sediment Dike:	
Rock Check Dam:	OR
Sediment Tube:	
Silt Fence:	
Reinforced Silt Fence:	
Type A-Fabric Inlet Protection:	A
Type A-Sediment Tube Inlet Protection:	A
Type B - Wire Mesh and Stone Drop Inlet Protection:	B
Type C - Block and Gravel Inlet Protection:	C
Type D - Rigid Inlet Filters:	D
Type E - Surface Course Curb Inlet Filter:	E
Type F - Inlet Tube:	F
Type FC - Filter Bag Curb Inlet Protection:	FC
Type FB - Filter Bag Grate Inlet Protection:	FG
Concrete Washout	CWS

ADA Accessible route

NOTE:
The accessible route shall comply with the current version of the ada standards for accessible design.

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(664) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

WARD EDWARDS, INC. No. C00152
SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 22816
02/12/24
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
CONSTRUCTION NOTES

SHEET NUMBER
C002

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

SHEET 2

SHEET 1

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/2024
LICENSED
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

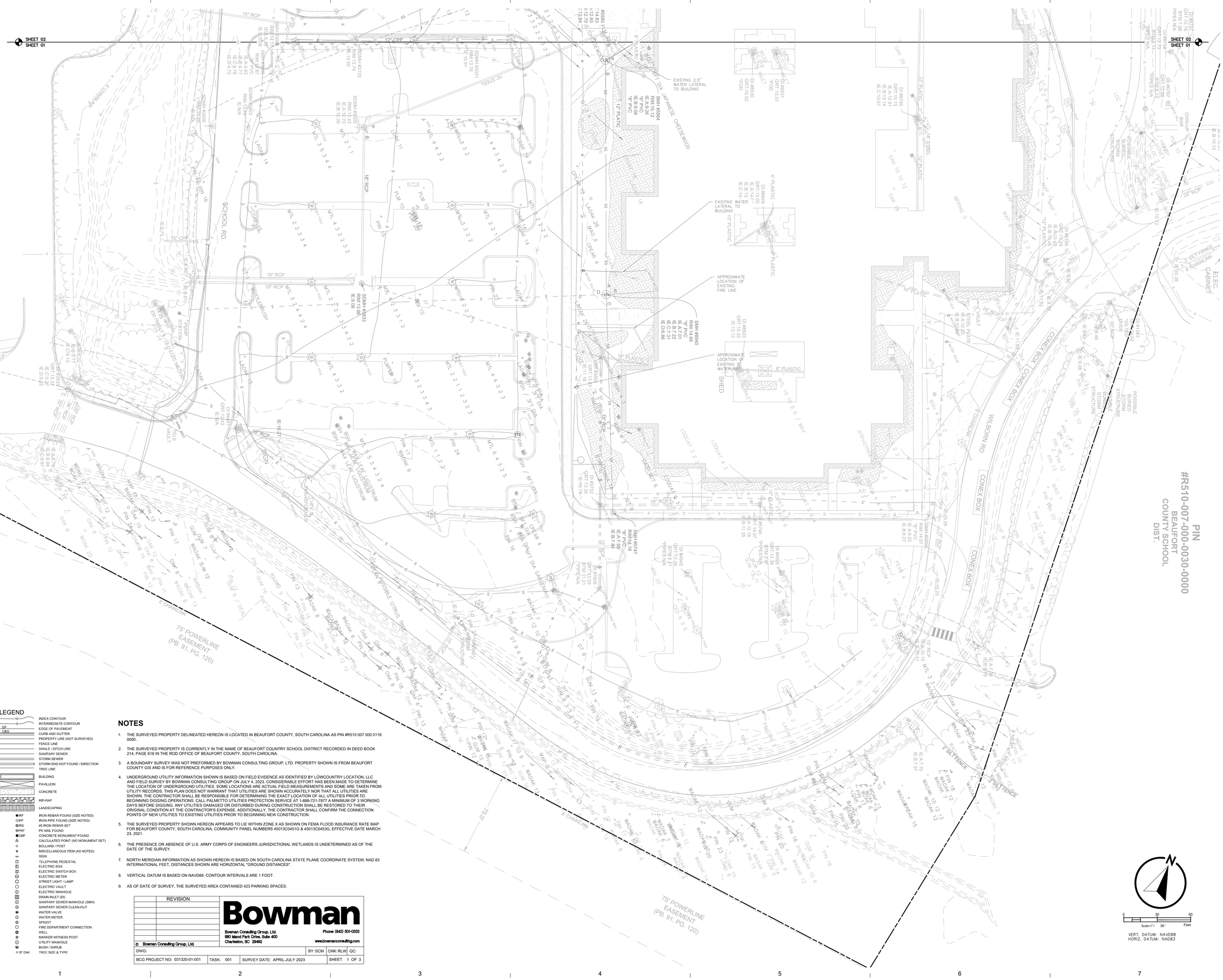
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
INDEX

SHEET NUMBER
C003



Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LEGEND

- INDEX CONTOUR
- INTERMEDIATE CONTOUR
- EDGE OF PAVEMENT
- CURB AND GUTTER
- PROPERTY LINE (NOT SURVEYED)
- FENCE LINE
- SWALE / DITCH LINE
- SANITARY SEWER
- STORM SEWER
- STORM END NOT FOUND / DIRECTION
- TREE LINE
- BUILDING
- PAVILLION
- CONCRETE
- RIP-RAP
- LANDSCAPING
- IRF — IRON REBAR FOUND (SIZE NOTED)
- IPF — IRON PIPE FOUND (SIZE NOTED)
- IRS — #5 IRON REBAR SET
- PKF — PK NAIL FOUND
- CMF — CONCRETE MONUMENT FOUND
- CALCULATED POINT (NO MONUMENT SET)
- BOLLARD / POST
- MISCELLANEOUS ITEM (AS NOTED)
- SIGN
- TELEPHONE PEDESTAL
- ELECTRIC BOX
- ELECTRIC SWITCH BOX
- ELECTRIC METER
- STREET LIGHT / LAMP
- ELECTRIC VAULT
- ELECTRIC MANHOLE
- DRAIN INLET (DI)
- SANITARY SEWER MANHOLE (SMH)
- SANITARY SEWER CLEAN-OUT
- WATER VALVE
- WATER METER
- SPIGOT
- FIRE DEPARTMENT CONNECTION
- WELL
- MARKER WITNESS POST
- UTILITY MANHOLE
- BUSH / SHRUB
- 18" OAK — TREE SIZE & TYPE

NOTES

1. THE SURVEYED PROPERTY DELINEATED HEREON IS LOCATED IN BEAUFORT COUNTY, SOUTH CAROLINA AS PIN #R510 007 000 0118 0000..
2. THE SURVEYED PROPERTY IS CURRENTLY IN THE NAME OF BEAUFORT COUNTRY SCHOOL DISTRICT RECORDED IN DEED BOOK 214, PAGE 618 IN THE ROD OFFICE OF BEAUFORT COUNTY, SOUTH CAROLINA.
3. A BOUNDARY SURVEY WAS NOT PREFORMED BY BOWMAN CONSULTING GROUP, LTD. PROPERTY SHOWN IS FROM BEAUFORT COUNTY GIS AND IS FOR REFERENCE PURPOSES ONLY.
4. UNDERGROUND UTILITY INFORMATION SHOWN IS BASED ON FIELD EVIDENCE AS IDENTIFIED BY LOWCOUNTRY LOCATION, LLC AND FIELD SURVEY BY BOWMAN CONSULTING GROUP ON JULY 4, 2023. CONSIDERABLE EFFORT HAS BEEN MADE TO DETERMINE THE LOCATION OF UNDERGROUND UTILITIES. SOME LOCATIONS ARE ACTUAL FIELD MEASUREMENTS AND SOME ARE TAKEN FROM UTILITY RECORDS. THIS PLAN DOES NOT WARRANT THAT UTILITIES ARE SHOWN ACCURATELY NOR THAT ALL UTILITIES ARE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING DIGGING OPERATIONS. CALL PALMETTO UTILITIES PROTECTION SERVICE AT 1-888-721-7877 A MINIMUM OF 3 WORKING DAYS BEFORE DIGGING. ANY UTILITIES DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. ADDITIONALLY, THE CONTRACTOR SHALL CONFIRM THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING NEW CONSTRUCTION.
5. THE SURVEYED PROPERTY SHOWN HEREON APPEARS TO LIE WITHIN ZONE X AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP FOR BEAUFORT COUNTY, SOUTH CAROLINA, COMMUNITY PANEL NUMBERS 45013C0451G & 45013C0453G, EFFECTIVE DATE MARCH 23, 2021.
6. THE PRESENCE OR ABSENCE OF U.S. ARMY CORPS OF ENGINEERS JURISDICTIONAL WETLANDS IS UNDETERMINED AS OF THE DATE OF THE SURVEY.
7. NORTH MERIDIAN INFORMATION AS SHOWN HEREON IS BASED ON SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM, NAD 83 INTERNATIONAL FEET, DISTANCES SHOWN ARE HORIZONTAL "GROUND DISTANCES".
8. VERTICAL DATUM IS BASED ON NAVD88. CONTOUR INTERVALS ARE 1 FOOT.
9. AS OF DATE OF SURVEY, THE SURVEYED AREA CONTAINED 423 PARKING SPACES.

REVISION

Bowman

Bowman Consulting Group, Ltd.
880 Island Park Drive, Suite 400
Charleston, SC 29492

Phone: (843) 501-0333
www.bowmanconsulting.com

© Bowman Consulting Group, Ltd.

DWG:			BY: SCM	CHK: RLW	QC:
BCG PROJECT NO: 031320-01-001	TASK: 001	SURVEY DATE: APRIL-JULY 2023		SHEET 1 OF 3	

0 30 60
Scale:1"= 30' Feet

VERT. DATUM: NAVD88
HORIZ. DATUM: NAD83

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(664) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA — WARD EDWARDS, INC. No. C00152 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 22816 — 02/12/24 — LICENSE — PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
EXISTING CONDITIONS

SHEET NUMBER
C101

	REVISION

© Bowman Consulting Group, Ltd.

Bowman

Bowman Consulting Group, Ltd.
880 Island Park Drive, Suite 400
Charleston, SC 29492

Phone: (843) 501-0333
www.bowmanconsulting.com

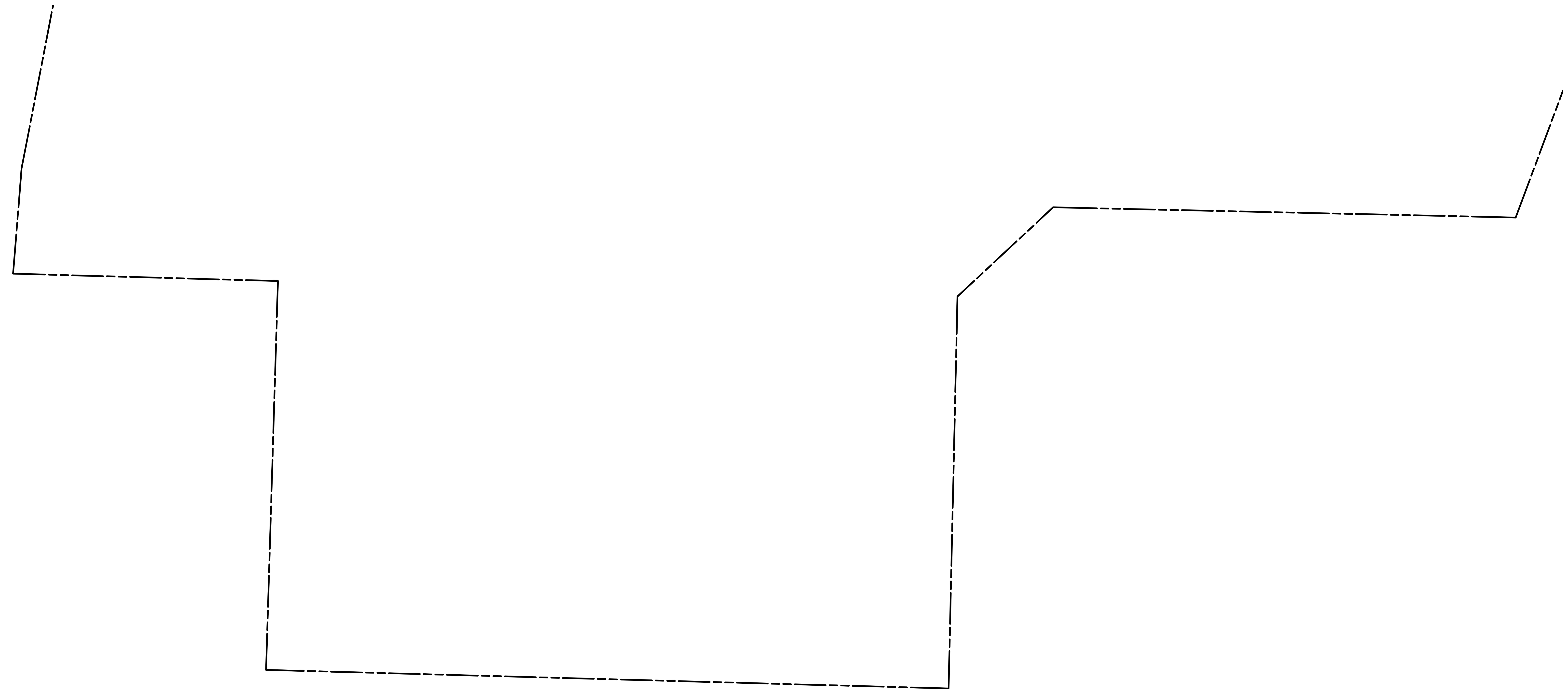
DWG:	BY: SCM	CHK: RLW	QC:
BCG PROJECT NO: 031320-01-001	TASK: 001	SURVEY DATE: APRIL-JULY 2023	SHEET 1 OF 3

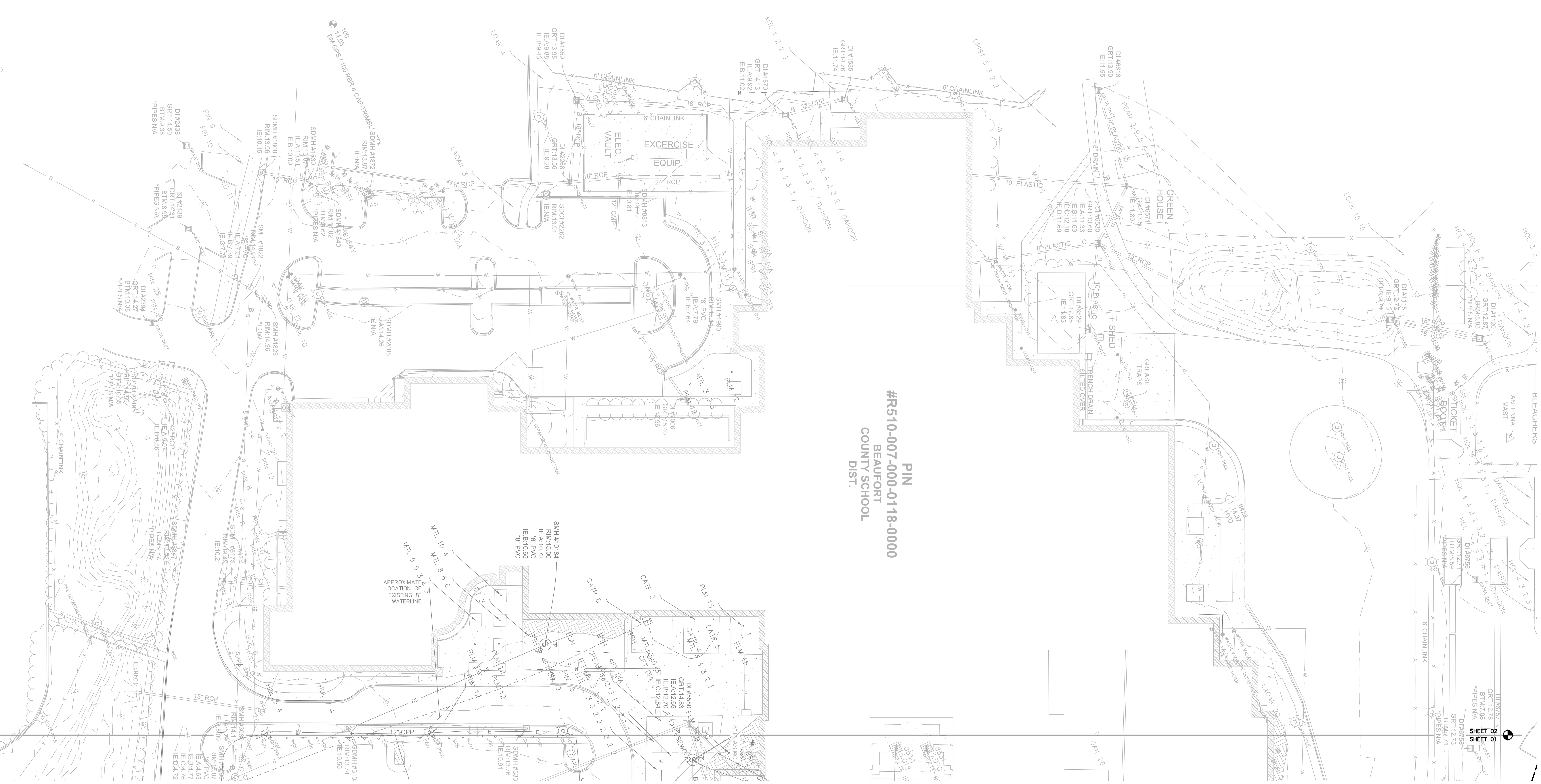
NOTES

1. THE SURVEYED PROPERTY DELINEATED HEREON IS LOCATED IN BEAUFORT COUNTY, SOUTH CAROLINA AS PIN #R510 007 000 0118 0000..
2. THE SURVEYED PROPERTY IS CURRENTLY IN THE NAME OF BEAUFORT COUNTRY SCHOOL DISTRICT RECORDED IN DEED BOOK 214, PAGE 618 IN THE ROD OFFICE OF BEAUFORT COUNTY, SOUTH CAROLINA.
3. A BOUNDARY SURVEY WAS NOT PREFORMED BY BOWMAN CONSULTING GROUP, LTD. PROPERTY SHOWN IS FROM BEAUFORT COUNTY GIS AND IS FOR REFERENCE PURPOSES ONLY.
4. UNDERGROUND UTILITY INFORMATION SHOWN IS BASED ON FIELD EVIDENCE AS IDENTIFIED BY LOWCOUNTRY LOCATION, LLC AND FIELD SURVEY BY BOWMAN CONSULTING GROUP ON JULY 4, 2023. CONSIDERABLE EFFORT HAS BEEN MADE TO DETERMINE THE LOCATION OF UNDERGROUND UTILITIES. SOME LOCATIONS ARE ACTUAL FIELD MEASUREMENTS AND SOME ARE TAKEN FROM UTILITY RECORDS. THIS PLAN DOES NOT WARRANT THAT UTILITIES ARE SHOWN ACCURATELY NOR THAT ALL UTILITIES ARE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING DIGGING OPERATIONS. CALL PALMETTO UTILITIES PROTECTION SERVICE AT 1-888-721-7877 A MINIMUM OF 3 WORKING DAYS BEFORE DIGGING. ANY UTILITIES DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. ADDITIONALLY, THE CONTRACTOR SHALL CONFIRM THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING NEW CONSTRUCTION.
5. THE SURVEYED PROPERTY SHOWN HEREON APPEARS TO LIE WITHIN ZONE X AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP FOR BEAUFORT COUNTY, SOUTH CAROLINA, COMMUNITY PANEL NUMBERS 45013C0451G & 45013C0453G, EFFECTIVE DATE MARCH 23, 2021.
6. THE PRESENCE OR ABSENCE OF U.S. ARMY CORPS OF ENGINEERS JURISDICTIONAL WETLANDS IS UNDETERMINED AS OF THE DATE OF THE SURVEY.
7. NORTH MERIDIAN INFORMATION AS SHOWN HEREON IS BASED ON SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM, NAD 83 INTERNATIONAL FEET, DISTANCES SHOWN ARE HORIZONTAL "GROUND DISTANCES".
8. VERTICAL DATUM IS BASED ON NAVD88. CONTOUR INTERVALS ARE 1 FOOT.
9. AS OF DATE OF SURVEY, THE SURVEYED AREA CONTAINED 423 PARKING SPACES.

LEGEND

- 10 — INDEX CONTOUR
- 9 — INTERMEDIATE CONTOUR
- EP — EDGE OF PAVEMENT
- C&G — CURB AND GUTTER
- PROPERTY LINE (NOT SURVEYED)
- FENCE LINE
- SWALE / DITCH LINE
- SANITARY SEWER
- STORM SEWER
- STORM END NOT FOUND / DIRECTION
- TREE LINE
- BUILDING
- PAVILLION
- CONCRETE
- RIP-RAP
- LANDSCAPING
- IRF — IRON REBAR FOUND (SIZE NOTED)
- IPF — IRON PIPE FOUND (SIZE NOTED)
- IRS — #5 IRON REBAR SET
- PKF — PK NAIL FOUND
- CMF — CONCRETE MONUMENT FOUND
- CALCULATED POINT (NO MONUMENT SET)
- BOLLARD / POST
- MISCELLANEOUS ITEM (AS NOTED)
- SIGN
- TELEPHONE PEDESTAL
- ELECTRIC BOX
- ELECTRIC SWITCH BOX
- ELECTRIC METER
- STREET LIGHT / LAMP
- ELECTRIC VAULT
- ELECTRIC MANHOLE
- DRAIN INLET (DI)
- SANITARY SEWER MANHOLE (SMH)
- SANITARY SEWER CLEAN-OUT
- WATER VALVE
- WATER METER
- SPIGOT
- FIRE DEPARTMENT CONNECTION
- WELL
- MARKER WITNESS POST
- UTILITY MANHOLE
- BUSH / SHRUB
- 18" OAK — TREE SIZE & TYPE





0 30 60
Scale:1"= 30' Feet

VERT. DATUM: NAVD88
HORIZ. DATUM: NAD83

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA — WARD EDWARDS, INC. No. C00152 — CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA — PROFESSIONAL ENGINEER — No. 22816 — 02/12/24 — LICENSED — PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

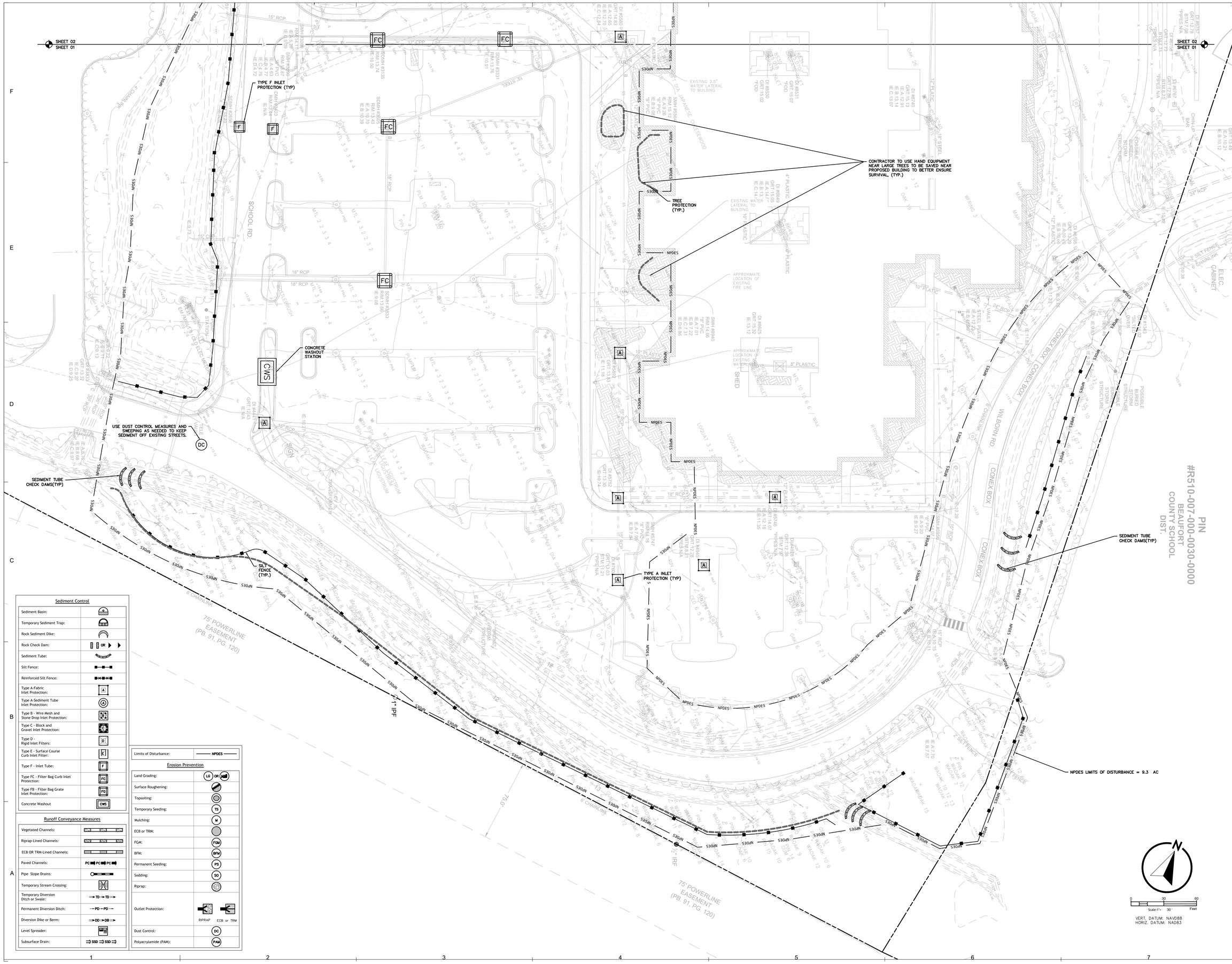
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
EXISTING CONDITIONS

SHEET NUMBER
C102



Sediment Control

Sediment Basin:	
Temporary Sediment Trap:	
Rock Sediment Dike:	
Rock Check Dam:	OR
Sediment Tube:	
Silt Fence:	
Reinforced Silt Fence:	
Type A-Fabric Inlet Protectiton:	A
Type A-Sediment Tube Inlet Protectiton:	A
Type B - Wire Mesh and Stone Drop Inlet Protectiton:	B
Type C - Block and Gravel Inlet Protectiton:	C
Type D - Rigid Inlet Filters:	D
Type E - Surface Course Curb Inlet Filter:	E
Type F - Inlet Tube:	F
Type FC - Filter Bag Curb Inlet Protectiton:	FC
Type FB - Filter Bag Grate Inlet Protectiton:	FG
Concrete Washout	CWS

Runoff Conveyance Measures

Vegetated Channels:	VCH
Riprap-Lined Channels:	RCH
ECB OR TRM-Lined Channels:	
Paved Channels:	PC PC PC
Pipe Slope Drains:	
Temporary Stream Crossing:	
Temporary Diversion Ditch or Swale:	TD TD
Permanent Diversion Ditch:	PD PD
Diversion Dike or Berm:	DD DB
Level Spreader:	
Subsurface Drain:	SSD SSD

Limits of Disturbance:	NPDES

Erosion Prevention

Land Grading:	LG OR
Surface Roughening:	
Topsoiling:	
Temporary Seeding:	TS
Mulching:	M
ECB or TRM:	
FGM:	FGM
BFM:	BFM
Permanent Seeding:	PS
Sodding:	SO
Riprap:	
Outlet Protection:	RIPRAP / ECB or TRM
Dust Control:	DC
Polyacrylamide (PAM):	PAM

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patriewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL
No. 22816
02/12/24
LICENSED ARCHITECT
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

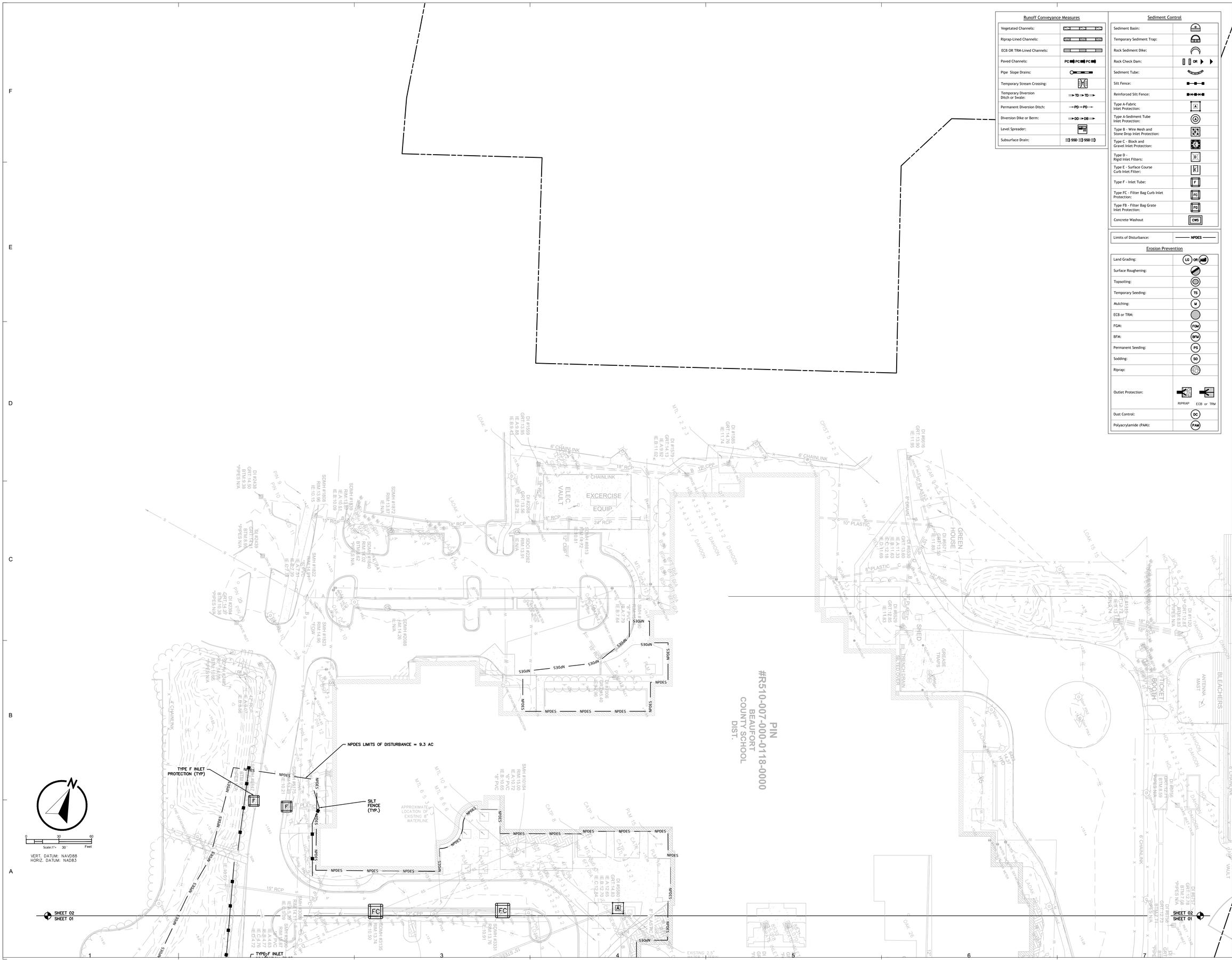
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
INITIAL EROSION CONTROL

SHEET NUMBER
C201



Runoff Conveyance Measures

Vegetated Channels:	VCN VCN VCN
Riprap-Lined Channels:	RCN RCN RCN
ECB OR TRM-Lined Channels:	
Paved Channels:	PC PC PC
Pipe Slope Drains:	
Temporary Stream Crossing:	
Temporary Diversion Ditch or Swale:	TD TD
Permanent Diversion Ditch:	PD PD
Diversion Dike or Berm:	DD DB
Level Spreader:	
Subsurface Drain:	SSD SSD

Sediment Control

Sediment Basin:	
Temporary Sediment Trap:	
Rock Sediment Dike:	
Rock Check Dam:	OR
Sediment Tube:	
Silt Fence:	
Reinforced Silt Fence:	
Type A-Fabric Inlet Protection:	A
Type A-Sediment Tube Inlet Protection:	A
Type B - Wire Mesh and Stone Drop Inlet Protection:	B
Type C - Block and Gravel Inlet Protection:	C
Type D - Rigid Inlet Filters:	D
Type E - Surface Course Curb Inlet Filter:	E
Type F - Inlet Tube:	F
Type FC - Filter Bag Curb Inlet Protection:	FC
Type FB - Filter Bag Grate Inlet Protection:	FG
Concrete Washout	CWS

Limits of Disturbance:	NPDES

Erosion Prevention

Land Grading:	LG OR
Surface Roughening:	
Topsoiling:	
Temporary Seeding:	TS
Mulching:	M
ECB or TRM:	
FGM:	FGM
BFM:	BFM
Permanent Seeding:	PS
Sodding:	SO
Riprap:	
Outlet Protection:	RIPRAP ECB or TRM
Dust Control:	DC
Polyacrylamide (PAM):	PAM

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/24
LICENSE
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

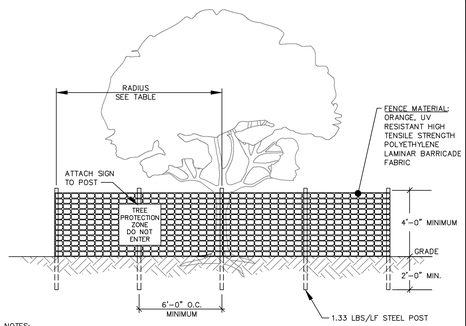
PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600
SHEET TITLE
INITIAL EROSION CONTROL

SHEET NUMBER
C202

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt



NOTES:
1. ALL TREES DESIGNATED TO BE SAVED SHALL BE PROTECTED BY FENCING.
2. INSTALL TREE PROTECTION FENCE TO RADIUS INDICATED IN TABLE UNLESS OTHERWISE INDICATED ON PLANS.
3. WARNING SIGNS TO BE MADE OF DURABLE WATERPROOF MATERIAL.
4. ALL WARNING SIGN LETTERS TO BE AT LEAST 3 INCHES HIGH, CLEARLY LEGIBLE AND SPACED A MINIMUM OF ONE EVERY 40 FT. FOR PROTECTION AREAS LESS THAN 40 FT IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER SIDE.
5. THE SIZE OF EACH WARNING SIGN MUST BE A MINIMUM OF 2' x 2' AND BE VISIBLE FROM BOTH SIDES OF THE FENCE.
6. ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC.
7. THERE SHALL BE NO STORAGE OF MATERIAL WITHIN THE BOUNDARIES OF THE TREE PROTECTION FENCING.
8. TREE PROTECTION FENCING SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. FENCING MUST REMAIN UPRIGHT AND SLACK FREE.

TABLE – RADIUS OF TREE PROTECTION ZONE (TPZ)	
JURISDICTION	RADIUS OF CIRCULAR TPZ
BEAUFORT COUNTY BEAUFORT CO. DEV. CODE 5.11.100	1 FOOT PER INCH OF TRUNK DBH
TOWN OF BLUFFTON UDO 5.3.3	1.5 FEET PER INCH OF TRUNK DBH OR 10 FEET WHICHEVER IS GREATER
TOWN OF HILTON HEAD LMO 16-6-104, J-3A	FENCING AT DRIP LINE FOR ALL TREES TO BE RETAINED
CITY OF BEAUFORT BEAUFORT CODE 5.3.3	0.5 FOOT PER INCH OF TRUNK DBH
JASPER COUNTY ZONING ORD. ART. 13.5	FENCING AT DRIP LINE FOR ALL TREES TO BE RETAINED
TOWN OF PORT ROYAL PORT ROYAL CODE 5.7.70	1.5 FEET PER INCH OF TRUNK DBH OR 5 FEET WHICHEVER IS GREATER
CITY OF HARDEEVILLE MZ&DO 4.8, F-3	FENCING AT DRIP LINE FOR ALL TREES TO BE RETAINED

DBH = TRUNK DIAMETER AT BREAST HEIGHT

TREE PROTECTION FENCE

DETAIL #02915-008

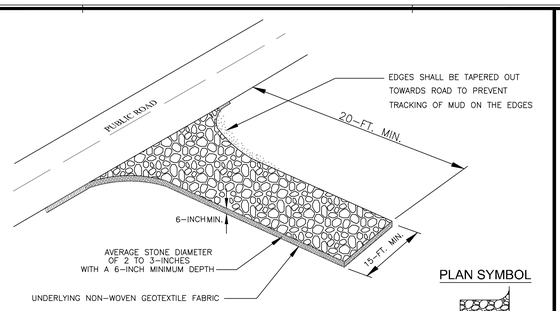
ADHESIVE	WATER DILUTION	NOZZLE TYPE	APPLICATION (GAL./ACRE)
ANIONIC ASPHALT EMULSION	7:1*	COARSE SPRAY	1,200
LATEX EMULSION	12.5:1*	FINE SPRAY	235
RESIN-IN-WATER EMULSION	4:1*	FINE SPRAY	300

*USE MANUFACTURER'S RECOMMENDATIONS WHEN AVAILABLE.

MAINTENANCE:
- PROHIBIT TRAFFIC ON SURFACE AFTER SPRAYING.
- SUPPLEMENT SURFACE COVERING AS NEEDED.

INSTALLATION:
- APPLY ACCORDING TO APPROVED PLAN.
- MULCH DISTURBED AREAS AMD TACKIFY WITH RESINS SUCH AS ASPHALT, CURASOL OR TERRATACK ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- STABILIZE DISTURBED AREAS WITH TEMPORARY OR PERMANENT VEGETATION.
- IRRIGATE DISTURBED AREAS UNTIL SURFACE IS WET.
- COVER SURFACES WITH CRUSHED STONE OR GRAVEL.
- APPLY CALCIUM CHLORIDE AT A RATE TO KEEP SURFACES MOIST.
- APPLY SPRAY-ON ADHESIVES TO MINERAL SOILS (NOT MUCK SOILS) AS DESCRIBED IN TABLE 1.

DC DUST CONTROL ON DISTURBED AREAS



PLAN SYMBOL

SPECIFICATION	SIZE
ROCK PAD THICKNESS	6 INCHES
ROCK PAD WIDTH	15 FEET
ROCK PAD LENGTH	20 FEET
ROCK PAD STONE SIZE	D50 = 2-3 INCHES

South Carolina Department of Health and Environmental Control
RESIDENTIAL LOT CONSTRUCTION ENTRANCE
STANDARD DRAWING NO. SC-06A PAGE 1 OF 2
NOT TO SCALE FEBRUARY 2014 DATE

CONSTRUCTION ENTRANCE – GENERAL NOTES

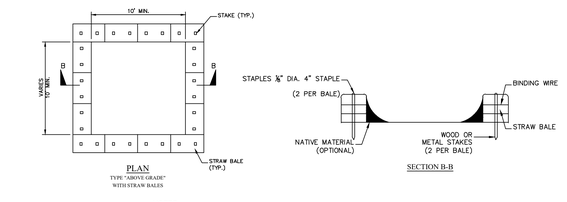
1. Stabilized construction entrances should be used at all points where traffic will egress/ingress a construction site onto a public road or any impervious surfaces, such as parking lots.
2. Install a non-woven geotextile fabric prior to placing any stone.
3. Install a culvert pipe across the entrance when needed to provide positive drainage.
4. The entrance shall consist of 2-inch to 3-inch D50 stone placed at a minimum depth of 6-inches.
5. Minimum dimensions of the entrance shall be 15-feet wide by 20-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.

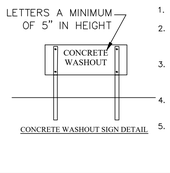
CONSTR. ENTRANCE – INSPECTION & MAINTENANCE

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 even 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.

South Carolina Department of Health and Environmental Control
RESIDENTIAL LOT CONSTRUCTION ENTRANCE
STANDARD DRAWING NO. SC-06A PAGE 2 OF 2
GENERAL NOTES FEBRUARY 2014 DATE

STRAW BALE BARRIER CONCRETE WASHOUT

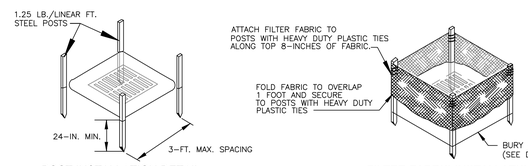


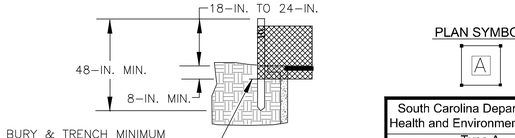


NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. INSTALL CONCRETE WASHOUT SIGN (24"X24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
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.

CWS

South Carolina Department of Health and Environmental Control
CONCRETE WASHOUT
STRAW BALES OR ABOVE GROUND
STANDARD DRAWING NO. RC-07 PAGE 1 of 1
NOT TO SCALE FEBRUARY 2014 DATE





PLAN SYMBOL

South Carolina Department of Health and Environmental Control
Type A
FILTER FABIC INLET PROTECTION
STANDARD DRAWING NO. SC-07 PAGE 1 of 2
NOT TO SCALE FEBRUARY 2014 DATE

TYPE A – 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 SC DOT 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.

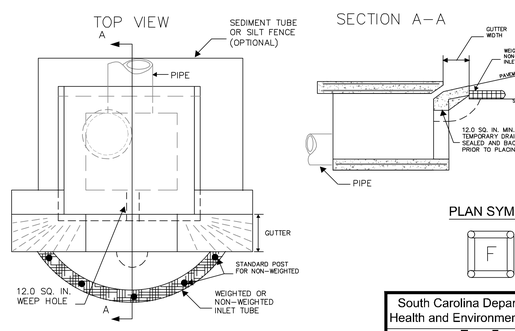
TYPE A – POST REQUIREMENTS

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.

TYPE A – 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 calender week and, as recommended, within 24-hours after each rainfall even 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 stormwater 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. Removed 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.

South Carolina Department of Health and Environmental Control
Type A
FILTER FABIC INLET PROTECTION
STANDARD DRAWING NO. SC-07 PAGE 2 of 2
GENERAL NOTES FEBRUARY 2014 DATE



PLAN SYMBOL

South Carolina Department of Health and Environmental Control
Type F
INLET TUBES
STANDARD DRAWING NO. SC-11 PAGE 1 of 2
NOT TO SCALE FEBRUARY 2014 DATE

TYPE F – INLET TUBES INLET PROTECTION

GENERAL NOTES

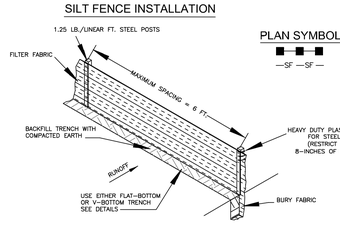
1. Inlets tubes should be composed of compacted geotextiles, curled excelsior wood, natural coconut fibers, a hardwood mulch, or a mix of these materials enclosed by a flexible netting material.
2. Inlets tubes should utilize an outer netting that consists of seamless, high-density polyethylene photodegradable 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. Do not use straw, straw fiber, straw bales, pine needles, or leaf mulch as fill material within inlet tubes.
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 even 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 blocks. If a sump is used, sediment should be removed when it fills approximately 1/3 the depth of the hole.
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. Inlet protection structures should be removed after 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.

South Carolina Department of Health and Environmental Control
Type F
INLET TUBES
STANDARD DRAWING NO. SC-11 PAGE 2 of 2
GENERAL NOTES FEBRUARY 2014 DATE

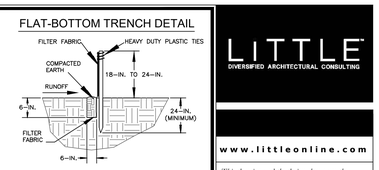
SILT FENCE INSTALLATION



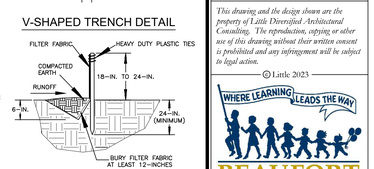
PLAN SYMBOL

SF SF

FLAT-BOTTOM TRENCH DETAIL



V-SHAPED TRENCH DETAIL



SILT FENCE – 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 stormwater flow and place the silt fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout.
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.

South Carolina Department of Health and Environmental Control
SILT FENCE
STANDARD DRAWING NO. SC-03 Page 1 of 2
NOT TO SCALE FEBRUARY 2014 DATE

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 1.48-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 small 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 15 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.

SILT FENCE – FABRIC REQUIREMENTS

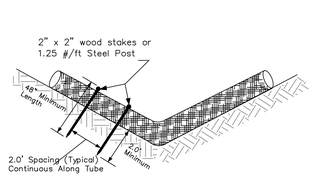
1. Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
   - Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are formed into a network such that the filaments 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 SC DOT 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.

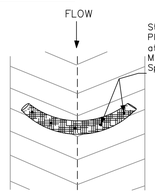
SILT FENCE – INSPECTION & MAINTENANCE

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 even 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 stormwater 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. Removed damaged silt fence and reinstall new silt fence immediately.
8. Silt fence should be removed within 30 days after final stabilization is achieved and once it is removed, the resulting disturbed area shall be permanently stabilized.

South Carolina Department of Health and Environmental Control
SILT FENCE
STANDARD DRAWING NO. SC-03 PAGE 2 of 2
GENERAL NOTES FEBRUARY 2014 DATE

SEDIMENT TUBE INSTALLATION





SEDIMENT TUBE SPACING

SLOPE	MAX. SEDIMENT TUBE SPACING
LESS THAN 2%	150-FEET
2%	100-FEET
3%	75-FEET
4%	50-FEET
5%	40-FEET
6%	30-FEET
GREATER THAN 6%	25-FEET

PLAN SYMBOL

South Carolina Department of Health and Environmental Control
SEDIMENT TUBES
STANDARD DRAWING NO. SC-05 PAGE 1 of 2
NOT TO SCALE FEBRUARY 2014 DATE

SEDIMENT TUBES – GENERAL NOTES

1. Sediment tubes may be installed along contours, in drainage conveyance channels, and around inlets to help prevent off-site discharge of sediment-laden stormwater runoff.
2. Sediment tubes are elongated tubes of compacted geotextiles, curled excelsior wood, natural coconut fiber, or hardwood mulch. Straw, pine needle, and leaf mulch-filled sediment tubes are not permitted.
3. The outer netting of the sediment tube should consist of seamless, high-density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high-density polyethylene non-degradable material.
4. Sediment tubes, when used as checks within channels, should range between 18-inches and 24-inches depending on channel dimensions. Diameters outside this range may be allowed where necessary when approved.
5. Curled excelsior wood, or natural coconut products that are rolled up to create a sediment tube are not allowed.
6. Sediment tubes should be staked using wooden stakes (2-inch X 2-inch) or steel posts (standard "U" or "T" sections with a minimum weight of 1.25 pounds per foot) at a minimum of 48-inches in length placed on 2-foot centers.
7. Install all sediment tubes to ensure that no gaps exist between the soil and the bottom of the tube. Manufacturer's recommendations should always be consulted before installation.
8. The ends of adjacent sediment tubes should be overlapped 6-inches to prevent flow and sediment from passing through the field joint.
9. Sediment tubes should not be stacked on top of one another, unless recommended by manufacturer.
10. Each sediment tube should be installed in a trench with a depth equal to 1/5 the diameter of the sediment tube.
11. Sediment tubes should continue up the side slopes a minimum of 1-foot above the design flow depth of the channel.
12. Install stakes at a diagonal facing incoming runoff.

SEDIMENT TUBES – INSPECTION & MAINTENANCE

1. The key to functional sediment tubes is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of sediment tubes shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.
3. Attention to sediment accumulations in front of the sediment tube 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 sediment tube.
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. If erosion causes the edges to fall to a height equal to or below the height of the sediment tube, repairs should be made immediately to prevent runoff from bypassing tube.
8. Sediment tubes should be removed after the contributing drainage area has been completely stabilized. Permanent vegetation should replace areas from which sediment tubes have been removed.

South Carolina Department of Health and Environmental Control
SEDIMENT TUBES
STANDARD DRAWING NO. SC-05 PAGE 2 of 2
GENERAL NOTES FEBRUARY 2014 DATE

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Hazard Drive, Suite 100
Greenville, S.C. 29616
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
WARD EDWARDS, INC.
No. C00152

LICENSED PROFESSIONAL ENGINEER
PAUL R. MOORE
No. 22816
02/12/24

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

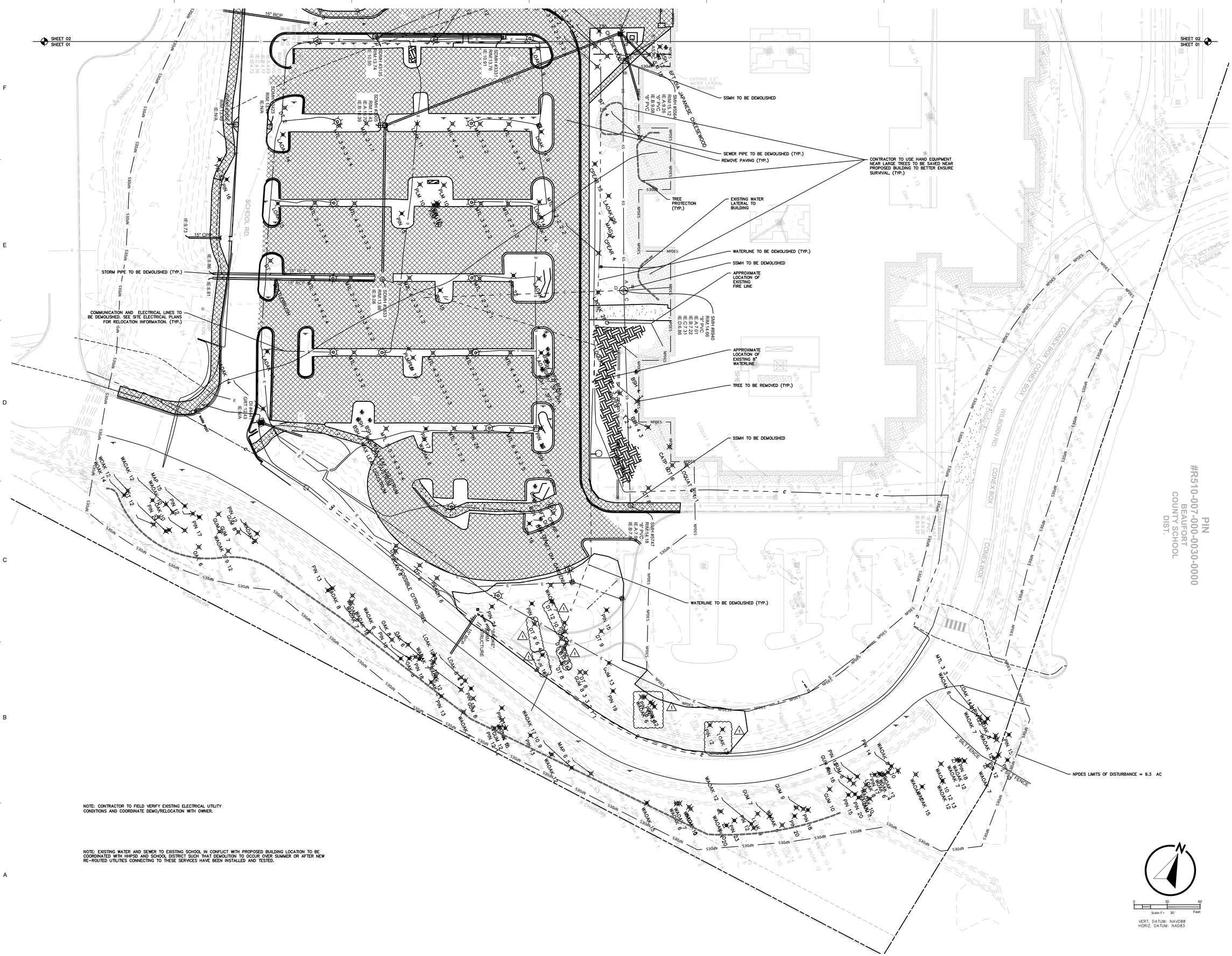
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
INITIAL EROSION CONTROL NOTES

SHEET NUMBER
C203

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt



Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(664) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/2024
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	TREE REMOVAL	02.12.24

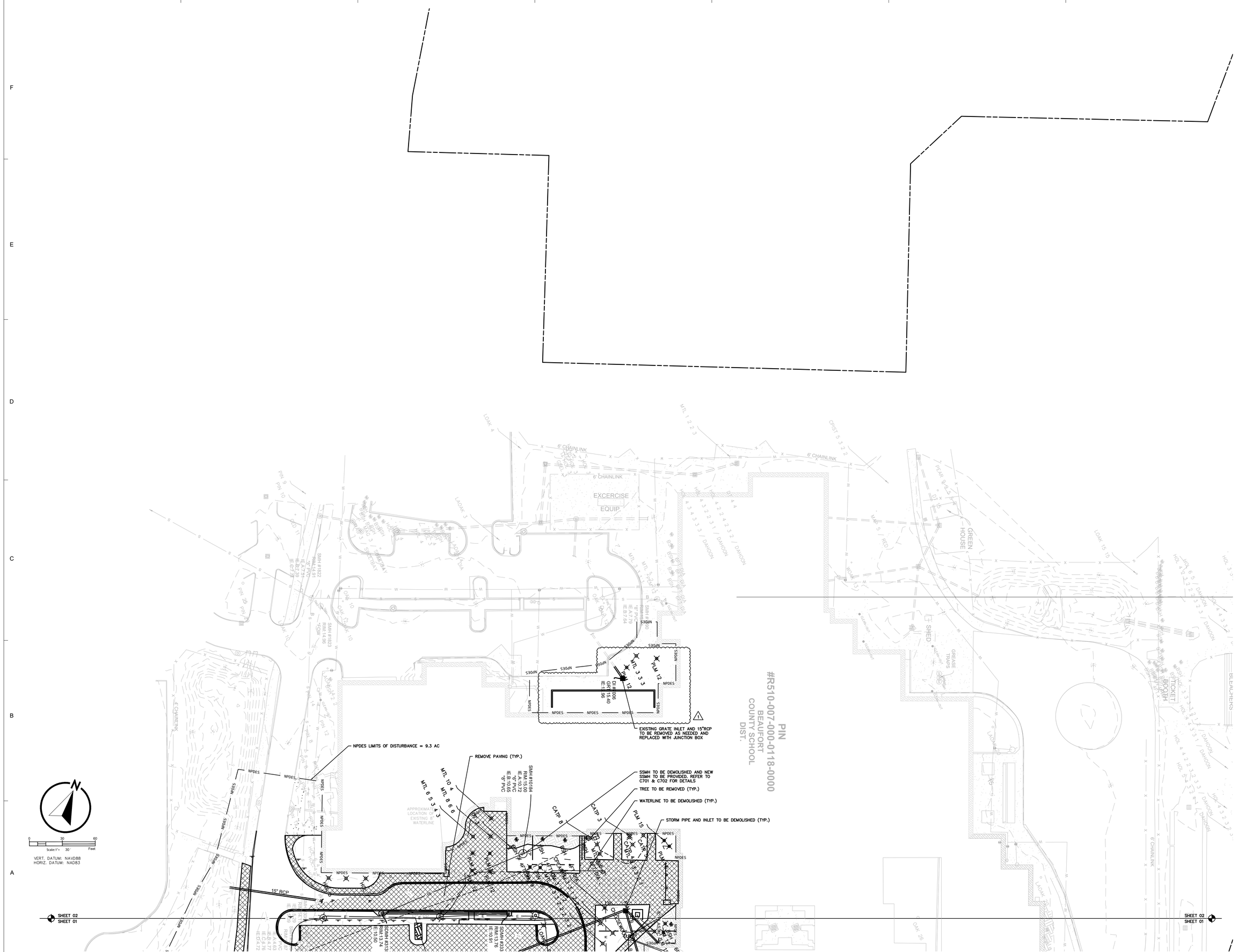
PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
CLEARING AND DEMOLITION

SHEET NUMBER
C301



Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/24
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	TREE & STORM REMOVAL	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

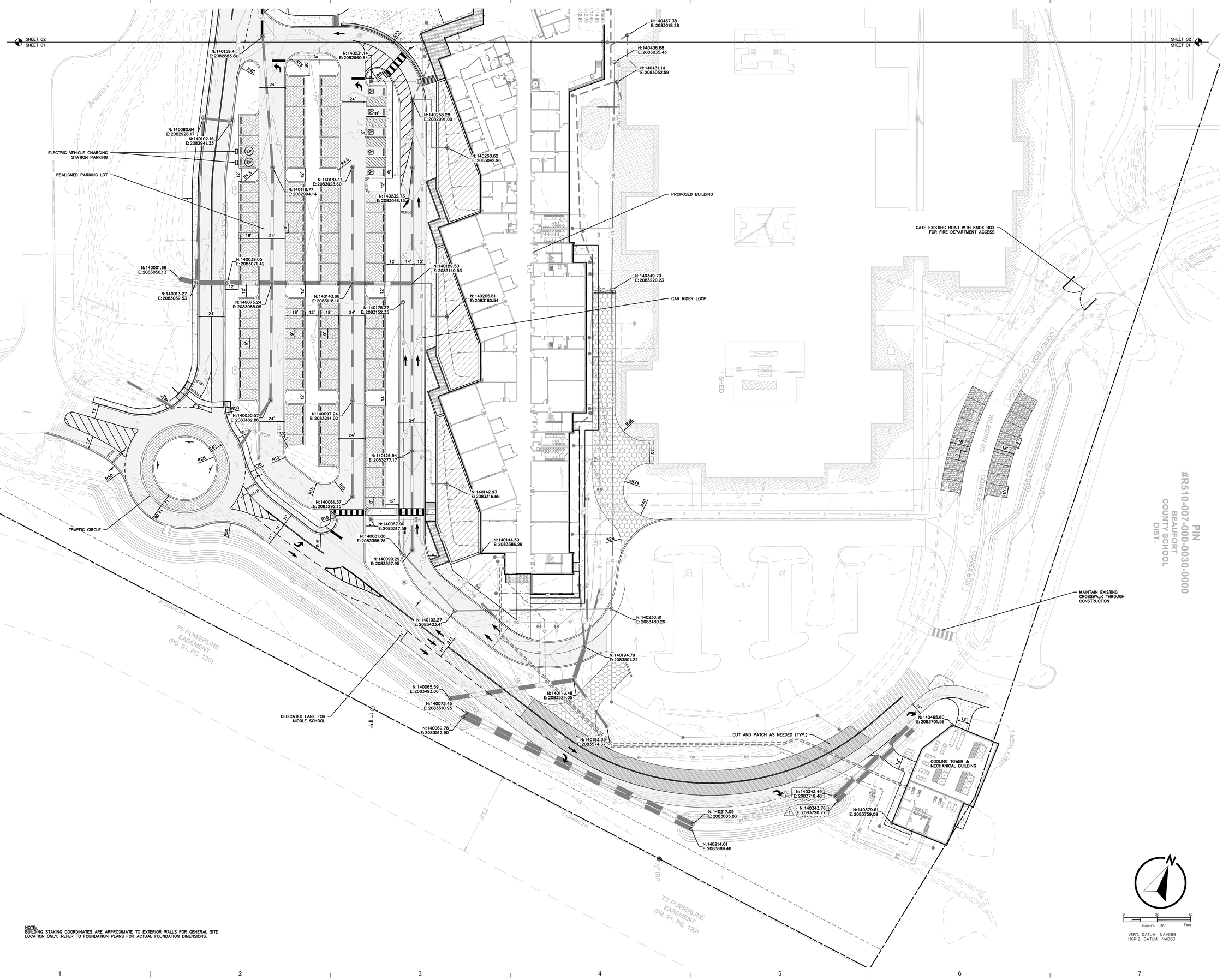
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
CLEARING AND DEMOLITION

SHEET NUMBER
C302



NOTE:
BUILDING STAKING COORDINATES ARE APPROXIMATE TO EXTERIOR WALLS FOR GENERAL SITE LOCATION ONLY. REFER TO FOUNDATION PLANS FOR ACTUAL FOUNDATION DIMENSIONS.

PIN #R510-007-000-0030-0000
BEAUFORT COUNTY SCHOOL DIST.

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/2024
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	DRAINAGE ALIGNMENT	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

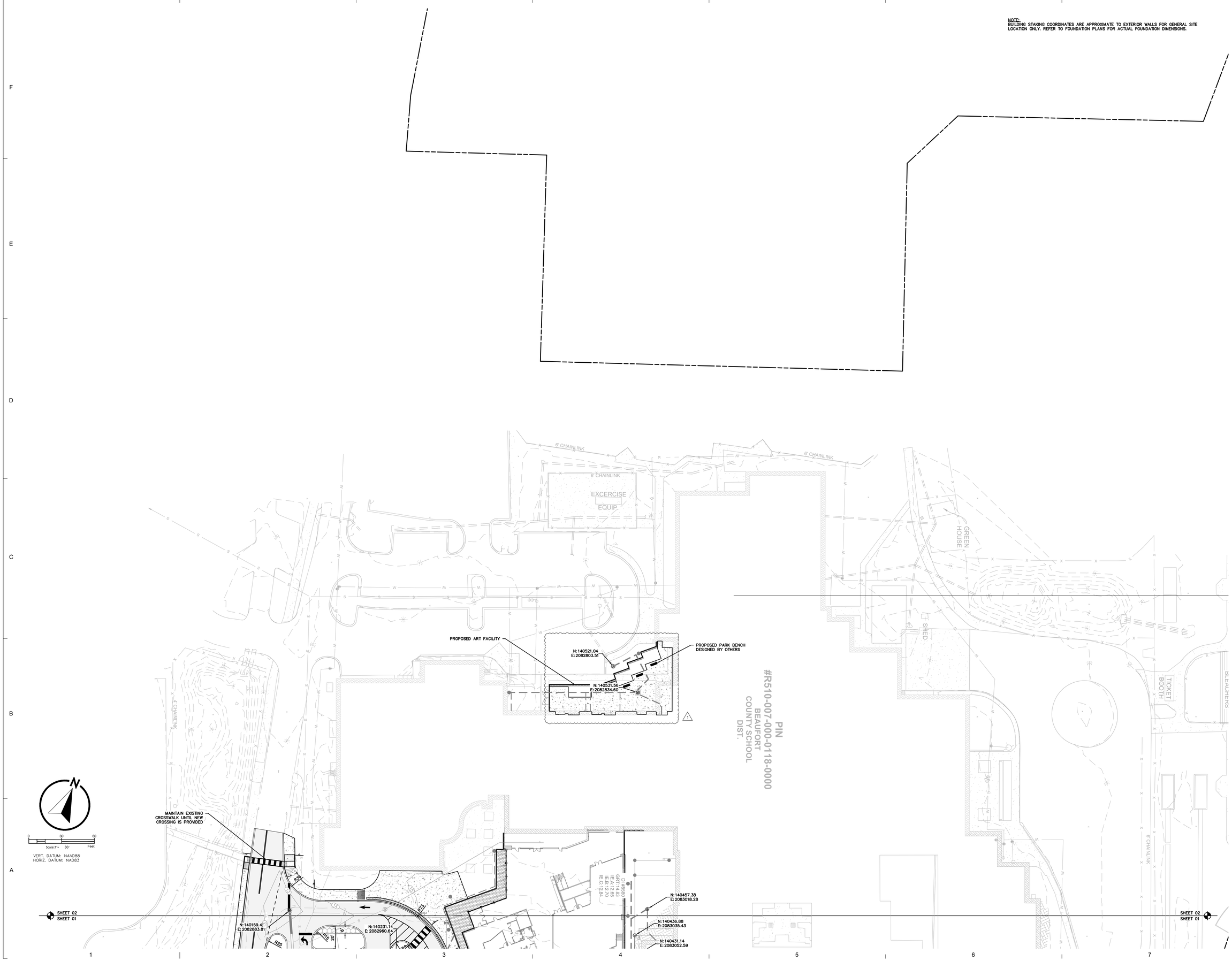
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
SITE LAYOUT

SHEET NUMBER
C401

NOTE:
BUILDING STAKING COORDINATES ARE APPROXIMATE TO EXTERIOR WALLS FOR GENERAL SITE LOCATION ONLY. REFER TO FOUNDATION PLANS FOR ACTUAL FOUNDATION DIMENSIONS.



LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA WARD EDWARDS, INC. No. C00152 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 22816 02/12/24 LICENSED PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	NEW PAVING	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
SITE LAYOUT

SHEET NUMBER
C402

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

SHEET 02
SHEET 01

SHEET 02
SHEET 01

CONTRACTOR TO USE HAND EQUIPMENT NEAR LARGE TREES TO BE SAVED NEAR PROPOSED BUILDING TO BETTER ENSURE SURVIVAL (TYP.)

TREE PROTECTION (TYP.)

TOP OF WALL ±16.67' (TYP.)

ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING TO NEARBY YARD INLETS (TYP)

PROPOSED BUILDING F.F.E.: 15.50' (MATCH EXISTING)

CONTRACTOR TO TIE-IN FLUSH WITH EXISTING PAVEMENT EDGE

CONTRACTOR TO TIE-IN FLUSH WITH EXISTING PAVEMENT EDGE (1)

PROPOSED BUILDING F.F.E.: 15.00'

75' POWERLINE EASEMENT (PB. 91, PG. 120)

75' POWERLINE EASEMENT (PB. 91, PG. 120)

2" IPF

2" IRF

75.0'

Grading Legend

	Proposed
Top of Pavement Elevation	⊗ TP: 22.50
Top of Walk Elevation	⊗ TW: 22.50
Top of Curb Elevation	⊗ TC: 22.50
Finish Grade	⊗ FG: 22.5
High Point	⊗ HP
Low Point	⊗ LP
Contour	19
Ditch Centerline	
Direction of Flow	

0 30 60
Scale:1"= 30' Feet

VERT. DATUM: NAVD88
HORIZ. DATUM: NAD83

PIN #R510-007-000-0030-0000
BEAUFORT COUNTY SCHOOL DIST.

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
LICENSED
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	ADDED GRADING SPOTS	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

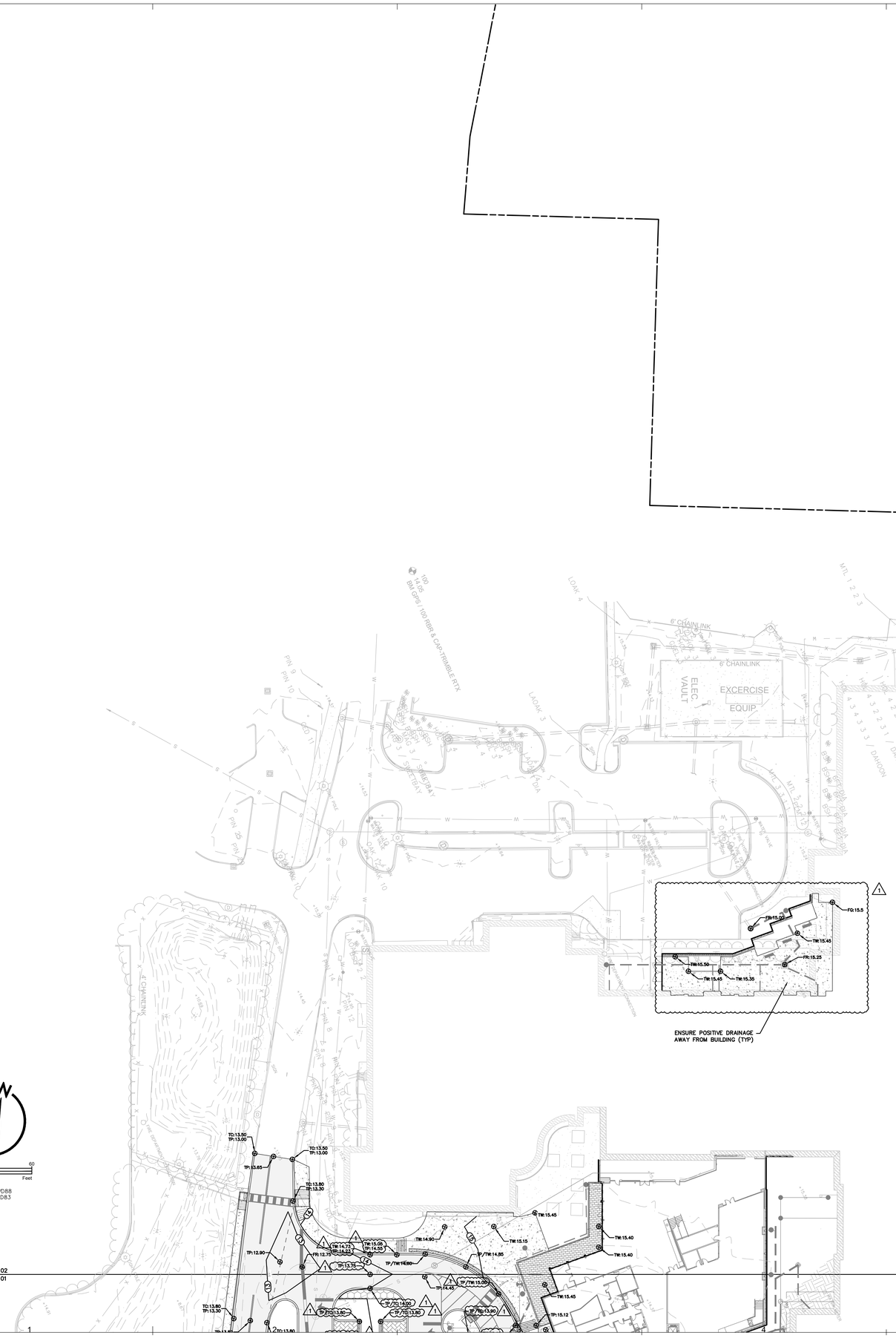
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
GRADING

SHEET NUMBER
C501

Grading Legend	
	Proposed
Top of Pavement Elevation	⊗ TP: 22.50
Top of Walk Elevation	⊗ TW: 22.50
Top of Curb Elevation	⊗ TC: 22.50
Finish Grade	⊗ FG: 22.5
High Point	⊗ HP
Low Point	⊗ LP
Contour	19
Ditch Centerline	
Direction of Flow	



Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/24
LICENSE
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

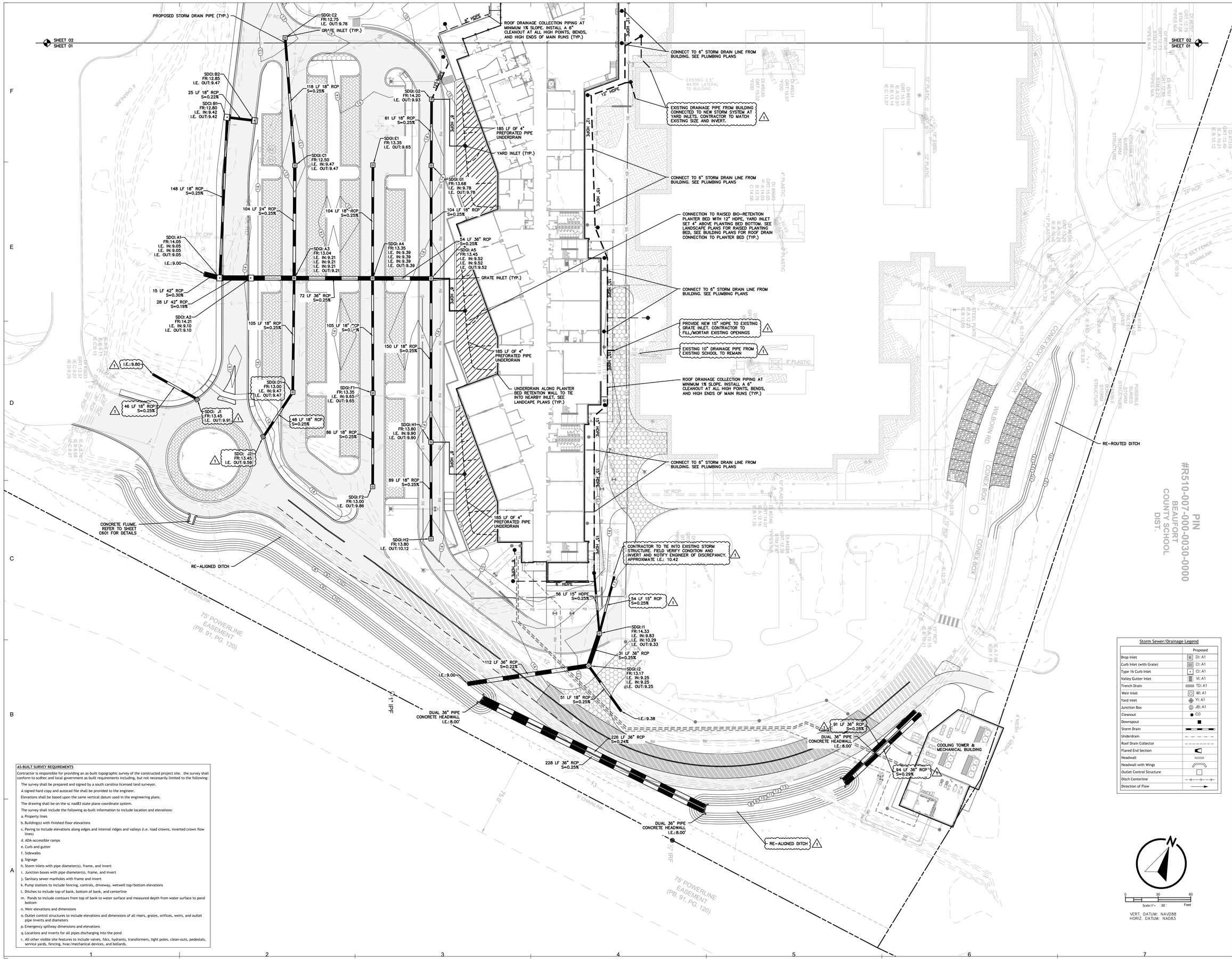
NO.	REASON	DATE
1	ADDED GRADING SPOTS	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600
SHEET TITLE
GRADING

SHEET NUMBER
C502



VERT. DATUM: NAVD88
HORIZ. DATUM: NAD83

AS-BUILT SURVEY REQUIREMENTS

Contractor is responsible for providing an as-built topographic survey of the constructed project site. the survey shall conform to scdhec and local government as-built requirements including, but not necessarily limited to the following:

The survey shall be prepared and signed by a south carolina licensed land surveyor.

A signed hard copy and autocad file shall be provided to the engineer.

Elevations shall be based upon the same vertical datum used in the engineering plans.

The drawing shall be on the sc nad83 state plane coordinate system.

The survey shall include the following as-built information to include location and elevations:

a. Property lines
b. Building(s) with finished floor elevations
c. Paving to include elevations along edges and internal ridges and valleys (i.e. road crowns, inverted crown flow lines)
d. ADA-accessible ramps
e. Curb and gutter
f. Sidewalks
g. Signage
h. Storm inlets with pipe diameter(s), frame, and invert
i. Junction boxes with pipe diameter(s), frame, and invert
j. Sanitary sewer manholes with frame and invert
k. Pump stations to include fencing, controls, driveway, wetwell top/bottom elevations
l. Ditches to include top of bank, bottom of bank, and centerline
m. Ponds to include contours from top of bank to water surface and measured depth from water surface to pond bottom
n. Weir elevations and dimensions
o. Outlet control structures to include elevations and dimensions of all risers, grates, orifices, weirs, and outlet pipe inverts and diameters
p. Emergency spillway dimensions and elevations
q. Locations and inverts for all pipes discharging into the pond
r. All other visible site features to include valves, fdcs, hydrants, transformers, light poles, clean-outs, pedestals, service yards, fencing, hvac/mechanical devices, and bollards.

Storm Sewer/Drainage Legend

	Proposed
Drop Inlet	DI: A1
Curb Inlet (with Grate)	CI: A1
Type 16 Curb Inlet	CI: A1
Valley Gutter Inlet	VI: A1
Trench Drain	TD: A1
Weir Inlet	WI: A1
Yard Inlet	YI: A1
Junction Box	JB: A1
Cleanout	CO
Downspout	
Storm Drain	
Underdrain	
Roof Drain Collector	
Flared End Section	
Headwall	
Headwall with Wings	
Outlet Control Structure	
Ditch Centerline	
Direction of Flow	

PIN #R510-007-000-0030-0000
BEAUFORT COUNTY SCHOOL DIST.

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT
Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506
Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201
M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS EST. 1969
Landscape Consultant:
SURCULUS
Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC. No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
PAUL R. MOORE
No. 22816
02/12/2024

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	NEW DRAINAGE LAYOUT	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
DRAINAGE

SHEET NUMBER
C601

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

AS-BUILT SURVEY REQUIREMENTS

Contractor is responsible for providing an as-built topographic survey of the constructed project site. the survey shall conform to scdhec and local government as-built requirements including, but not necessarily limited to the following:

The survey shall be prepared and signed by a south carolina licensed land surveyor.

A signed hard copy and autocad file shall be provided to the engineer.

Elevations shall be based upon the same vertical datum used in the engineering plans.

The drawing shall be on the sc nad83 state plane coordinate system.

The survey shall include the following as-built information to include location and elevations:

a. Property lines
b. Building(s) with finished floor elevations
c. Paving to include elevations along edges and internal ridges and valleys (i.e. road crowns, inverted crown flow lines)
d. ADA-accessible ramps
e. Curb and gutter
f. Sidewalks
g. Signage
h. Storm inlets with pipe diameter(s), frame, and invert
i. Junction boxes with pipe diameter(s), frame, and invert
j. Sanitary sewer manholes with frame and invert
k. Pump stations to include fencing, controls, driveway, wetwell top/bottom elevations
l. Ditches to include top of bank, bottom of bank, and centerline
m. Ponds to include contours from top of bank to water surface and measured depth from water surface to pond bottom
n. Weir elevations and dimensions
o. Outlet control structures to include elevations and dimensions of all risers, grates, orifices, weirs, and outlet pipe inverts and diameters
p. Emergency spillway dimensions and elevations
q. Locations and inverts for all pipes discharging into the pond
r. All other visible site features to include valves, fdcs, hydrants, transformers, light poles, clean-outs, pedestals, service yards, fencing, hvac/mechanical devices, and bollards.

Storm Sewer/Drainage Legend

	Proposed
Drop Inlet	DI: A1
Curb Inlet (with Grate)	CI: A1
Type 16 Curb Inlet	CI: A1
Valley Gutter Inlet	VI: A1
Trench Drain	TD: A1
Weir Inlet	WI: A1
Yard Inlet	YI: A1
Junction Box	JB: A1
Cleanout	CO
Downspout	
Storm Drain	
Underdrain	
Roof Drain Collector	
Flared End Section	
Headwall	
Headwall with Wings	
Outlet Control Structure	
Ditch Centerline	
Direction of Flow	

SDJB: K1
FR: 15.00
IE OUT: 12.87
IE IN: 12.87

SDGI: K2
FR: 15.4
IE OUT: 13.97

12" HDPE
8" HDPE
6" HDPE

PIN #R510-007-000-0118-0000
BEAUFORT COUNTY SCHOOL DIST.

PROPOSED STORM DRAIN PIPE (TYP.)

SDGI: C2
FR: 12.75
I.E. OUT: 9.76
GR-3 I INLET (TYP.)

SDCI: B2
FR: 12.85
I.E. OUT: 9.47

ROOF DRAINAGE COLLECTION PIPING AT MINIMUM 1% SLOPE. INSTALL A 6" CLEANOUT AT ALL HIGH POINTS, BENDS, AND HIGH ENDS OF MAIN RUNS (TYP.)

CONNECT TO 6" STORM DRAIN LINE FROM BUILDING. SEE PLUMBING PLANS

SHEET 02
SHEET 01

0 30 60
Scale: 1" = 30 ' Feet

VERT. DATUM: NAVD88
HORIZ. DATUM: NAD83

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/2024
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	NEW DRAINAGE CONNECTION	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

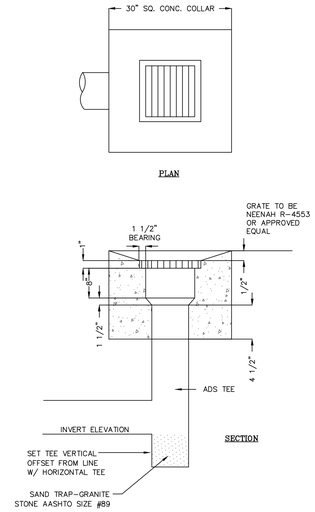
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

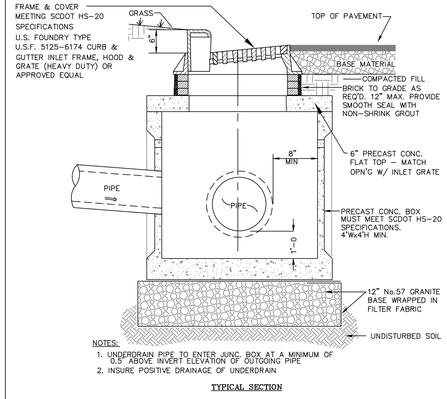
SHEET TITLE
DRAINAGE

SHEET NUMBER
C602



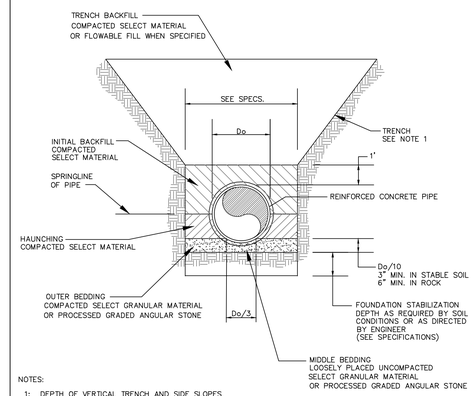
YARD INLET

DETAIL 02630-020



CURB INLET WITH FRAME AND COVER

DETAIL 02630-028

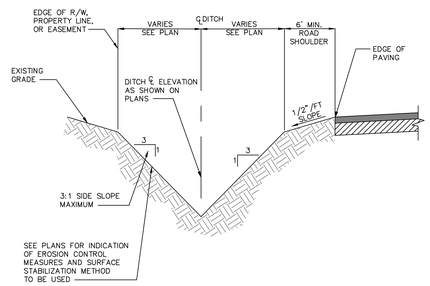


NOTES:

1: DEPTH OF VERTICAL TRENCH AND SIDE SLOPES OF TRENCH MAY VARY DEPENDING ON DEPTH OF EXCAVATION AND TRENCH PROTECTION SYSTEM USED. COMPLY WITH OSHA REGULATIONS (STANDARDS - 29 CFR) PART 1956 SUBPART P, EXCAVATIONS.

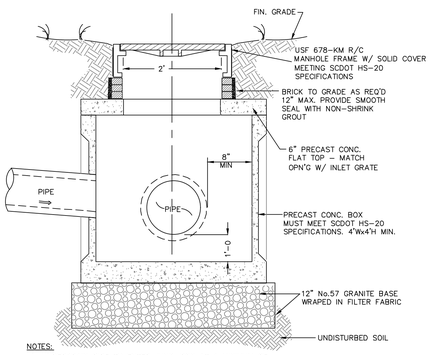
2. WHEN PROCESSED ANGULAR STONE IS USED FOR MIDDLE AND OUTER BEDDING, THE STONE SHALL BE COMPLETELY WRAPPED IN FILTER FABRIC TO PREVENT MIGRATION OF SURROUNDING SOILS.

EMBEDMENT DETAIL FOR REINFORCED CONCRETE PIPE



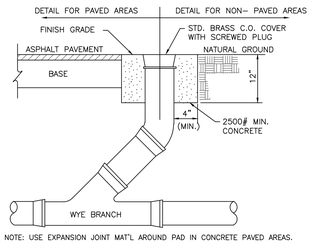
TYPICAL V-SHAPED DITCH CROSS SECTION

DETAIL 02630-024



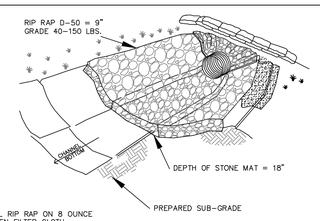
JUNCTION BOX WITH FRAME AND COVER

DETAIL 02630-030



NOTE: USE EXPANSION JOINT MAT'L AROUND PAD IN CONCRETE PAVED AREAS.

CLEANOUT DETAIL

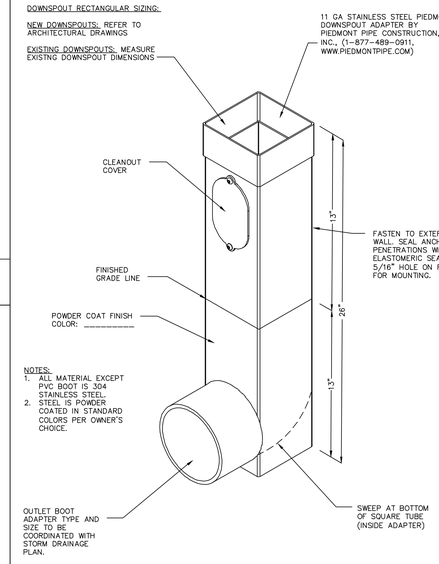


NOTES:

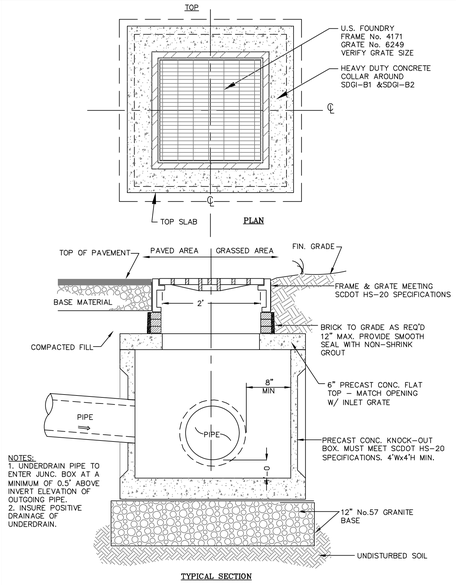
1. PLACE ALL RIP RAP ON 8 OUNCE NON-WOVEN FILTER CLOTH.
2. STAKING OF FILTER CLOTH PER MANUFACTURER'S SPECIFICATIONS.
3. SEE DRAINAGE SHEET FOR RIP-RAP DIMENSIONS

RIP RAP OUTLET STABILIZATION DETAIL

DETAIL #02370-009



GUTTER DOWNSPOUT ADAPTER



GRATE INLET

DETAIL 02630-027

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC. No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 22816
02/12/2024
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

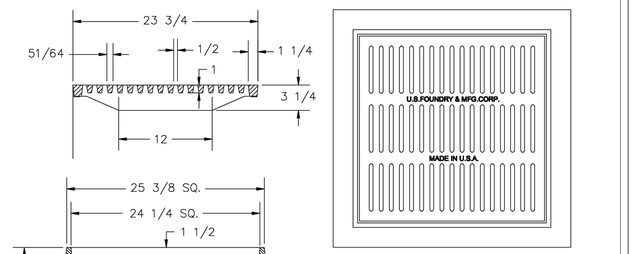
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
DRAINAGE DETAILS

SHEET NUMBER
C603

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt



FRAME

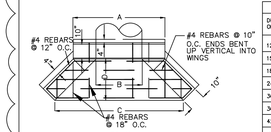
U.S. FOUNDRY & MFG. CORP.
MEDLEY, FLORIDA

DESCRIPTION:
USF 4132 RING & 6001 GRATE

MATERIAL: ASTM-A48 GRAY IRON CLASS 35B
FRAME WEIGHT:160 GRATE WEIGHT:125
UNLESS OTHERWISE NOTED WEIGHT IS IN POUNDS AND APPROXIMATED

DWN. BY:	SCALE:	ITEM No:	DWG. No:	DWG DATE:
ULS/DD	1/8" = 1"	8040234		8-29-07

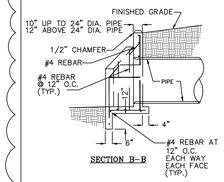
REV:	DATE:	DESCRIPTION:	REV BY:	CHK. BY:



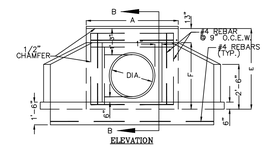
PLAN

HEADWALL SCHEDULE

DIAMETER OF PIPE	A	B	C	D	E	F
12"	3'-7 1/4"	1'-5"	4'-3"	1'-8"	3'-3"	2'-2"
15"	4'-0 1/4"	1'-9"	5'-2"	1'-10"	3'-6"	2'-5"
18"	4'-5 1/4"	2'-1"	6'-1"	2'-0"	3'-9"	2'-8"
24"	5'-0 1/4"	2'-8"	7'-0"	2'-2"	4'-3"	3'-2"
30"	5'-7 1/4"	3'-3"	7'-11"	2'-4"	4'-9"	3'-8"
36"	6'-3 1/4"	3'-11"	10'-0"	3'-1"	5'-3"	4'-3"
42"	6'-10 1/4"	4'-6"	12'-2"	3'-10"	5'-9"	4'-8"
48"	7'-5 1/4"	5'-1"	14'-3"	4'-7"	6'-3"	5'-2"
54"	8'-0 1/4"	5'-8"	16'-0"	5'-2"	6'-9"	5'-8"
60"	8'-5"	6'-3"	18'-1"	5'-11"	7'-3"	6'-2"



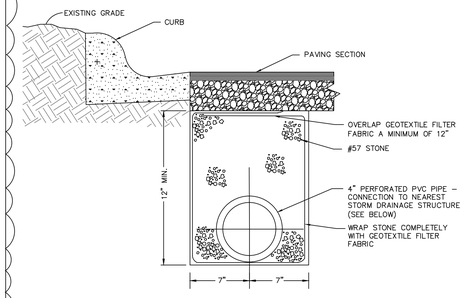
SECTION B-B



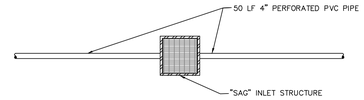
ELEVATION

⚠1 HEADWALL WITH WINGS

DETAIL 02630-001



SECTION VIEW

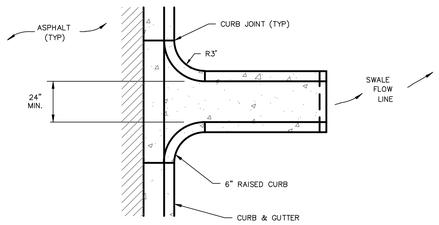


PLAN VIEW

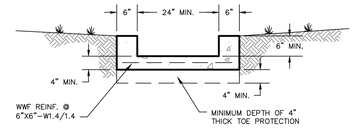
NOTE: PROVIDE UNDERDRAINS AT "SAG" INLET LOCATIONS ONLY.

UNDERDRAIN DETAIL

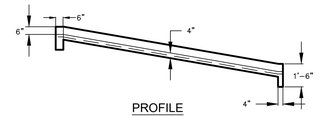
DETAIL 02650-025



PLAN



SECTION



PROFILE

NOTES:
1. DRAINAGE FLUME SHALL EXTEND DOWN TO THE BOTTOM OF THE POND OR SWALE.
2. TO BE USED ON GRADUAL SLOPES OF 3:1 OR LESS.

⚠1 CONCRETE FLUME - TYPE A

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/24
LICENSE
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	ADD. STORM DETAIL	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
DRAINAGE DETAILS

SHEET NUMBER
C604

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

SHEET 2

SHEET 1

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/2024
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
OVERALL UTILITY PLAN

SHEET NUMBER
C700

SHEET 02
SHEET 01

SHEET 02
SHEET 01

13 LF 8" C900 WL EXTENSION FROM EXISTING MAIN

FIRE HYDRANT ASSEMBLY
8"X 6" TEE
6" G.V. IN BOX
46 LF 6" DIP

CONNECT TO EXISTING WATER MAIN AND REROUTE NEW WATER MAIN AROUND PROPOSED BUILDING
8" 90° BEND
8" G.V. IN BOX

738 LF OF 8" PVC C900, DR18 WATERLINE

SEWER MANHOLE TO BE LOCATED OVER EXISTING LINE. CONTRACTOR TO VERIFY EXISTING SS PIPE INVERT.

SSMH-A1
FR:14.15
I.E. IN:6.20

227 LF 8" PVC SDR26
S=0.35%

PROPOSED FIRE HYDRANT ASSEMBLY, 6" DIP, GV & BOX (TYP.)

8" 45° BEND WITH MARKER

SSMH-A2
FR:14.00
I.E. IN:6.99
I.E. OUT:6.99

67-LF 4" PVC SEWER
LATERAL 1.0% MIN. SLOPE

REMOTE FDC
SEE FIRE PROTECTION DESIGN (BY OTHERS) FOR SPECIFICATIONS

68 LF 8" PVC SDR26
S=0.34%

DOMESTIC WATER SERVICE
8"X 4" M.J. TEE
4" G.V. & COVER
WATER METER BY HHPSD (TBD)
4" DCVA BACKFLOW PREVENTER LOCATED IN RISER ROOM WITH EXTERIOR ACCESS
41 LF 4" WATER SERVICE

SSMH-A3
FR:13.00
I.E. IN:7.22
I.E. OUT:7.22

8" 45° BEND WITH MARKER

(2) 8" LOOP WATER SUPPLY AND RETURN. REFER TO MECHANICAL/PLUMBING PLANS FOR COMPONENTS, INVERT, AND ALIGNMENT.

(1) 8" 45° BEND WITH MARKER

4" PVC GRAVITY SEWER TO EXISTING BUILDING WASTE LINE

SSMH-A6
FR:14.85
I.E. OUT:9.61

CONNECT EXISTING 2-1/2" WATER LATERAL TO NEW WATERLINE. RELOCATE VALVES AND METERS AS NEEDED.

6" PVC GRAVITY SEWER TO EXISTING BUILDING WASTE LINE

18 LF 6" DIP WL CENTERED ON SS CROSSING (TYP.)
WATER OVER SS
1.93' OF VERTICAL SEPARATION

378 LF OF 6" PVC C900, DR18 WATERLINE

204 LF 8" PVC SDR26
S=0.40%

38-LF 6" PVC SEWER
LATERAL 1.0% MIN. SLOPE

CONNECT EXISTING 2" WATER LATERAL TO NEW WATERLINE. RELOCATE VALVES AND METERS AS NEEDED.

21 LF 4" PVC SEWER
LATERAL AT 1% MIN. SLOPE

5" PVC GRAVITY SEWER TO EXISTING BUILDING WASTE LINE

SSMH-A5
FR:14.75
I.E. IN:8.79
I.E. OUT:8.79

20 LF 4" PVC SEWER
LATERAL AT 1% MIN. SLOPE

210-LF 4" PVC FIRE LINE TO NEW FDC

CONNECT EXISTING 4" FIRELINE TO NEW WATERLINE
RELOCATE VALVES AS NEEDED

INSTALL NEW MHs AND NEW SANITARY LINE AND CONNECT EXISTING SERVICE LATERALS

200 LF 8" PVC SDR26
S=0.40%

21 LF 4" PVC SEWER
LATERAL AT 1% MIN. SLOPE

6" CLEANOUT AT BUILDING CONNECTIONS, AT ALL BENDS, AND 70-FT SPACING MAX (TYP.)

35-LF 6" PVC SEWER
LATERAL 1.0% MIN. SLOPE

CONNECT EXISTING 3" WATER LATERAL TO NEW WATERLINE. RELOCATE VALVES AND METERS AS NEEDED.

INSTALL NEW WATERLINE AND CONNECT EXISTING SERVICE LATERALS

RELOCATE EXISTING FIRE HYDRANT #106108 TO BE OUTSIDE OF PAVEMENT

RELOCATE EXISTING REMOTE NEW FDC

SERVICE TO EXISTING FIRE HYDRANT, 6" DIP, GV & BOX

35-LF 4" PVC SEWER
LATERAL 1.0% MIN. SLOPE

INSTALL NEW MH AND EXTEND LINE FROM NORTH TO CONNECT

8"x8" TEE
8" G.V. & BOX

EXISTING MH
FR:14.18
I.E. IN:7.99
I.E. OUT:7.99

8"x6" TEE
6" G.V. & BOX

141 LF 8" PVC SDR26
S=0.34%

86 LF 8" PVC SDR26
S=0.34%

IRRIGATION LINE
8"x 2" M.J. TEE
2" VALVE & BOX W/ MARKER
WATER METER BY HHPSD (TBD)
2" DCVA BACKFLOW PREVENTER LOCATED IN RISER ROOM WITH EXTERIOR ACCESS
13 LF 2" HDPE WATERLINE

SSMH-A4
FR:11.24
I.E. IN:7.70
I.E. OUT:7.70

18 LF 6" DIP WL CENTERED ON SS CROSSING (TYP.)

STORM OVER SS
1.39' OF VERTICAL SEPARATION

8" 90° BEND WITH MARKER

6" P.I.V. FOR FIRE LINE, >40' FROM BUILDING FACE. REFER TO MECHANICAL/PLUMBING PLANS FOR DETAIL

6" FIRE LINE 2019 NFPA 13 REQUIREMENTS- SEE FIRE PROTECTION DESIGN (BY OTHERS) FOR SPECIFICATIONS OF PIPE AND BACKFLOW PREVENTION (INSIDE OF BUILDING) ON BUILDING SIDE OF P.I.V. REFER TO MECHANICAL/PLUMBING PLANS FOR COMPONENTS, INVERT, AND ALIGNMENT

(1) 8" 22.5° BEND WITH MARKER

(1) 8" 45° BEND WITH MARKER

DOMESTIC WATER SERVICE
8"x8" M.J. TEE
8"x6" REDUCER
6" G.V. & COVER
WATER METER BY HHPSD (TBD)
6" DCVA BACKFLOW PREVENTER LOCATED IN RISER ROOM WITH EXTERIOR ACCESS
107 LF 6" WATER SERVICE

FIRE LINE
8"x6" M.J. TEE
6" POST INDICATOR VALVE (P.I.V.)
6" LOCKING G.V. & COVER
135 LF 6" DIP (LOCATION TO BE DETERMINED BY FIRE PROTECTION ENGINEER)

COOLING TOWER & MECHANICAL BUILDING

(1) 8" 45° BEND WITH MARKER

CUT & PATCH ROAD AS NEEDED FOR UTILITY CROSSING

(2) 6" 90° BENDS WITH MARKER

482-LF 6" PVC SEWER
LATERAL 1.0% MIN. SLOPE

6" FIRE LINE 2019 NFPA 13 REQUIREMENTS- SEE FIRE PROTECTION DESIGN (BY OTHERS) FOR SPECIFICATIONS OF PIPE AND BACKFLOW PREVENTION (INSIDE OF BUILDING) ON BUILDING SIDE OF P.I.V.

SANITARY CLEAN OUT (COORD. INVERT W/ PLUMBING PLANS)

(2) 6" 90° BENDS WITH MARKER

ALL MECHANICAL AND PLUMBING UTILITIES TO HAVE 3'-0" MINIMUM OF GROUND COVER. REFER TO MEP PLANS FOR DETAIL

0 30 60
Scale:1"= 30' Feet

VERT. DATUM: NAVD88
HORIZ. DATUM: NAD83

UTILITY AS-BUILT SURVEY REQUIREMENTS

1. Contractor shall provide engineer with electronic file of surveyed utility as-built points. point descriptions shall be clear and understandable.
2. Contractor shall also provide corresponding redline drawing to supplement or clarify electronic file content.
3. Contractor shall schedule surveyor to be present during installation in order to obtain accurate information on underground fittings and sanitary/storm crossing elevations. multiple surveyor mobilizations may be needed. If surveyor is not present during installation, contractor shall ensure surveyor has access to all utility components listed in these notes.
4. Contractor's surveyor shall be a professional land surveyor licensed in south carolina. contractor's surveyor will review and sign the HHPSD certification on the utility as-built drawing prepared by engineer upon completion.
5. Utility as-built points shall be based upon the sc nad83 coordinate system and the elevations shall be based upon the same vertical datum used in the engineering plans.
6. As built survey shall include, but not necessarily be limited to, the following:

a. GRAVITY SEWER
- i. Manhole locations, frame elevation, all invert elevations
- ii. Cleanout locations, ground elevation, invert elevation
- iii. Points for permanent visible structures nearby manholes and cleanouts for reference (pavement, buildings, manholes, catch basins, power poles, or property corners)

b. FORCE MAIN
- i. Elevation on top of force main connection to manhole or force main manifold
- ii. Air release valves
- iii. Simple force main alignments on 100 lf increments
- iv. Arcs, bends on 50 lf increments

c. WATER
- i. Horizontal and vertical location of all valves, bends, tees, and storm/sanitary crossing points (for as-built separation calculations)
- ii. Fire hydrants
- iii. Concrete markers, connections to existing lines, backflow preventors, air release valves
- iv. Points for permanent visible structures near water system elements described above for reference (pavement, buildings, manholes, catch basins, power poles, or property corners). two surveyed reference point locations are required for each fitting.

d. PUMP STATIONS
- i. Complete layout of pump station
- ii. Manhole locations, frame elevation, all invert elevations
- iii. Fencing & gates, control panel
- iv. Top of slab (incl. brass benchmark) & bottom of wetwell
- v. Influent line invert
- vi. Float levels (pump off, pump on, lead/lag, both pumps on, high water)
- vii. Property corners, yard hydrant, light pole, discharge piping/valves
- viii. Bypass pump
- ix. Electrical power service from meter to transformer

Sanitary Sewer Legend

	Proposed
Sanitary Sewer Manhole	MH: A1
Sanitary Sewer Cleanout	CO
Sanitary Sewer Wye	
Check Valve in Manhole	
Plug Valve	
Air Release Valve	
Sewer Line	S
Force Main	F
Reuse Main	R
Service Lateral	

Water System Legend

	Proposed
Water Meter	
Water Valve	
Reducer	
Post Indicator Valve	
Fire Hydrant	
Blowoff Hydrant	
Yard Hydrant	
Fire Depart. Connection (FDC)	
Cap	
Plug	
Backflow Preventor	
Butterfly Valve	
Fittings	
Water Line	W
Service Lateral	

NOTES:
1. Gate valves shown for graphical purposes only. Contractor to place all valves at 18' from tee. see HHPSD detail VIII-3.
2. Contractor to provide 18' of separation between tapping saddles for all water laterals.
3. Contractor to notify fire department upon FDC relocation, installation of new FDC, and upon measurable changes to fire access as construction progresses. Electrical routing, site lighting, and conduit provided by others.

PIN #R510-007-000-0030-0000
BEAUFORT COUNTY SCHOOL DIST.

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/2024
TIMOTHY R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	REALIGNED WATER AND SEWER	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

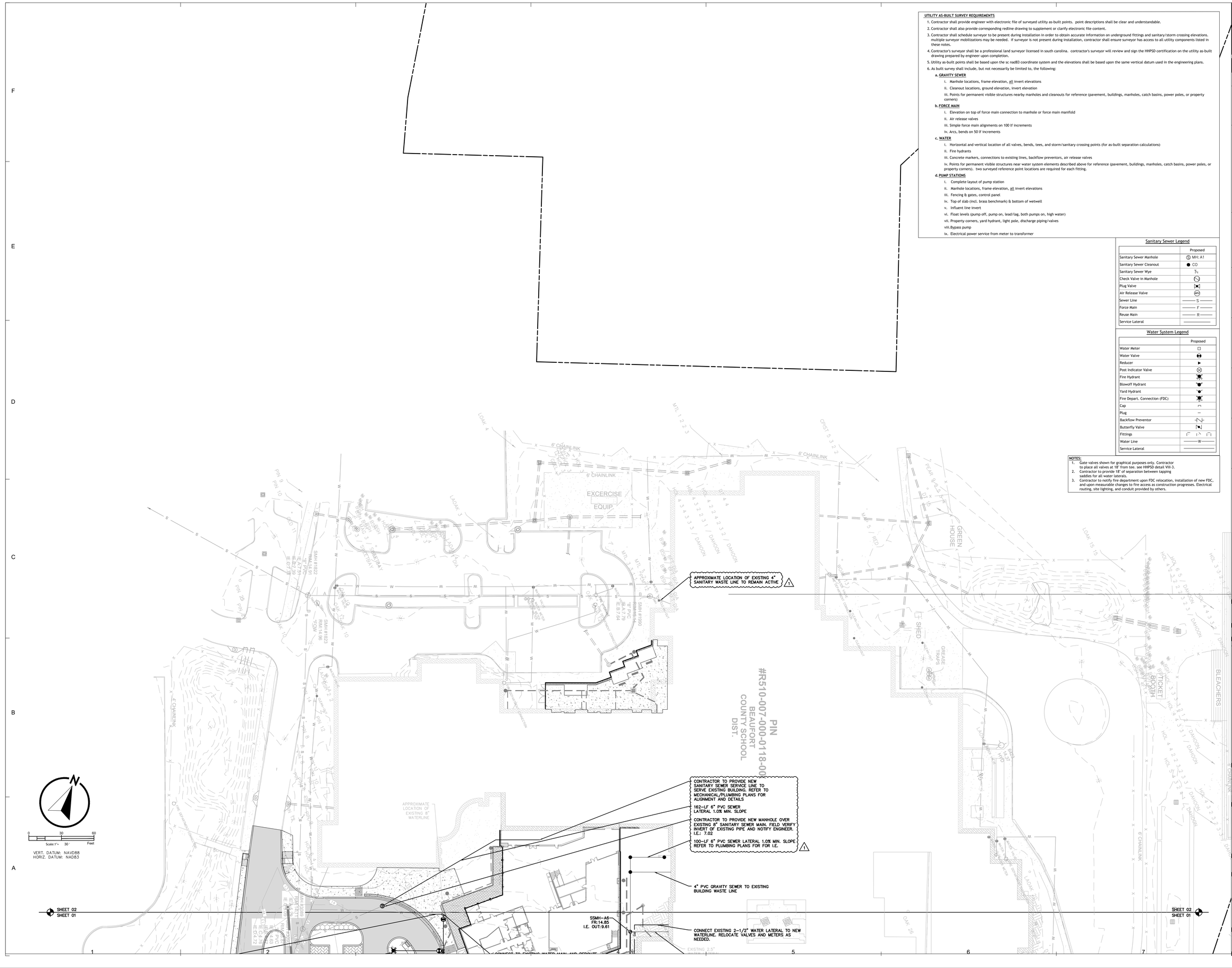
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
UTILITY PLAN

SHEET NUMBER
C701



UTILITY AS-BUILT SURVEY REQUIREMENTS

1. Contractor shall provide engineer with electronic file of surveyed utility as-built points. point descriptions shall be clear and understandable.
2. Contractor shall also provide corresponding redline drawing to supplement or clarify electronic file content.
3. Contractor shall schedule surveyor to be present during installation in order to obtain accurate information on underground fittings and sanitary/storm crossing elevations. multiple surveyor mobilizations may be needed. If surveyor is not present during installation, contractor shall ensure surveyor has access to all utility components listed in these notes.
4. Contractor's surveyor shall be a professional land surveyor licensed in south carolina. contractor's surveyor will review and sign the HHPSD certification on the utility as-built drawing prepared by engineer upon completion.
5. Utility as-built points shall be based upon the sc nad83 coordinate system and the elevations shall be based upon the same vertical datum used in the engineering plans.
6. As built survey shall include, but not necessarily be limited to, the following:
   - **a. GRAVITY SEWER**
     - i. Manhole locations, frame elevation, all invert elevations
     - ii. Cleanout locations, ground elevation, invert elevation
     - iii. Points for permanent visible structures nearby manholes and cleanouts for reference (pavement, buildings, manholes, catch basins, power poles, or property corners)
   - **b. FORCE MAIN**
     - i. Elevation on top of force main connection to manhole or force main manifold
     - ii. Air release valves
     - iii. Simple force main alignments on 100 lf increments
     - iv. Arcs, bends on 50 lf increments
   - **c. WATER**
     - i. Horizontal and vertical location of all valves, bends, tees, and storm/sanitary crossing points (for as-built separation calculations)
     - ii. Fire hydrants
     - iii. Concrete markers, connections to existing lines, backflow preventors, air release valves
     - iv. Points for permanent visible structures near water system elements described above for reference (pavement, buildings, manholes, catch basins, power poles, or property corners). two surveyed reference point locations are required for each fitting.
   - **d. PUMP STATIONS**
     - i. Complete layout of pump station
     - ii. Manhole locations, frame elevation, all invert elevations
     - iii. Fencing & gates, control panel
     - iv. Top of slab (incl. brass benchmark) & bottom of wetwell
     - v. Influent line invert
     - vi. Float levels (pump off, pump on, lead/lag, both pumps on, high water)
     - vii. Property corners, yard hydrant, light pole, discharge piping/valves
     - viii. Bypass pump
     - ix. Electrical power service from meter to transformer

Sanitary Sewer Legend

	Proposed
Sanitary Sewer Manhole	MH: A1
Sanitary Sewer Cleanout	CO
Sanitary Sewer Wye	
Check Valve in Manhole	
Plug Valve	
Air Release Valve	ARV
Sewer Line	S
Force Main	F
Reuse Main	R
Service Lateral	

Water System Legend

	Proposed
Water Meter	
Water Valve	
Reducer	
Post Indicator Valve	
Fire Hydrant	
Blowoff Hydrant	
Yard Hydrant	
Fire Depart. Connection (FDC)	
Cap	
Plug	
Backflow Preventor	
Butterfly Valve	
Fittings	
Water Line	W
Service Lateral	

NOTES:
1. Gate valves shown for graphical purposes only. Contractor to place all valves at 18' from tee, see HHPSD detail VIII-3.
2. Contractor to provide 18" of separation between tapping saddles for all water laterals.
3. Contractor to notify fire department upon FDC relocation, installation of new FDC, and upon measurable changes to fire access as construction progresses. Electrical routing, site lighting, and conduit provided by others.

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC. No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/24
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	NEW SEWER ALIGNMENT	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

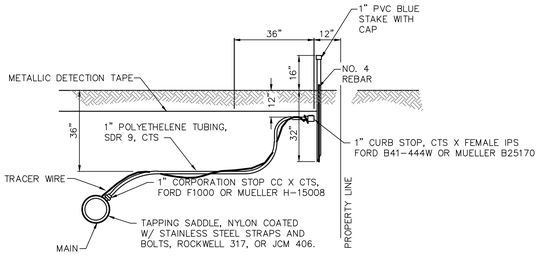
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
UTILITY PLAN

SHEET NUMBER
C702

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

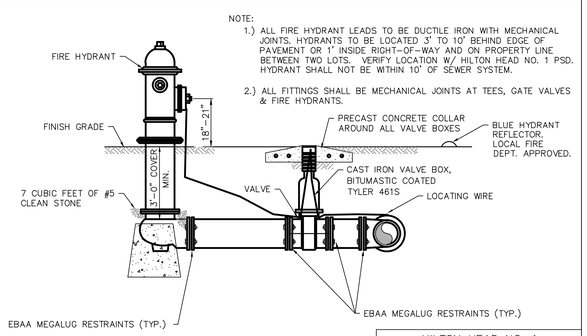


1" WATER SERVICE CONNECTION DETAIL

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	REVISED: Jan. 2001	

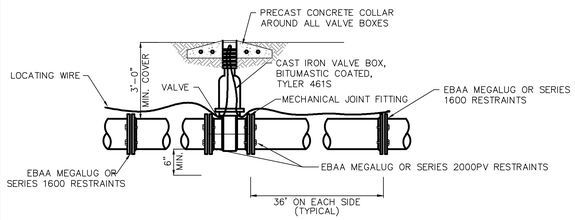
NOTE:
1.) ALL FIRE HYDRANT LEADS TO BE DUCTILE IRON WITH MECHANICAL JOINTS. HYDRANTS TO BE LOCATED 3' TO 10' BEHIND EDGE OF PAVEMENT OR 1' INSIDE RIGHT-OF-WAY AND ON PROPERTY LINE BETWEEN TWO LOTS. VERIFY LOCATION W/ HILTON HEAD NO. 1 PSD. HYDRANT SHALL NOT BE WITHIN 10' OF SEWER SYSTEM.
2.) ALL FITTINGS 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	REVISED: MAR 2005	

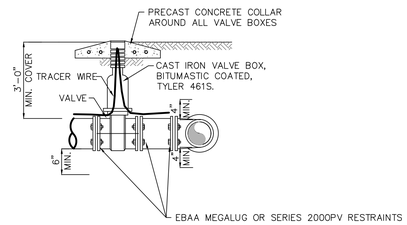


GATE VALVE SETTING DETAIL

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	REVISED: JAN. 2001	

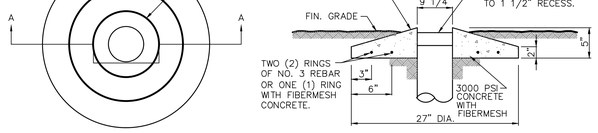
NOTE:
1.) ALL FITTINGS SHALL BE MECHANICAL JOINTS.
2.) TRACER WIRE SHALL BE LOOPED TO THE TOP OF THE VALVE BOX.



VALVE & TEE SETTING DETAIL

NOT TO SCALE

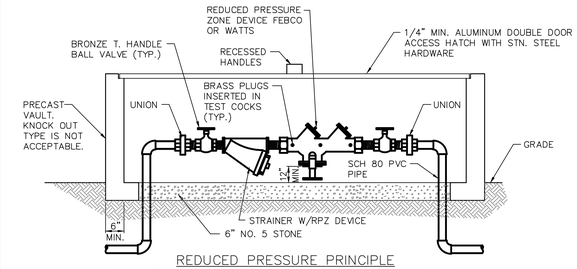
HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
VALVE & TEE SETTING DETAIL		
APPROVED BY: LC	DATE: Feb. 1997	DRAWING NO. VIII-4
SCALE: NTS	REVISED: JAN. 2001	



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	REVISED: XXXXXXX	

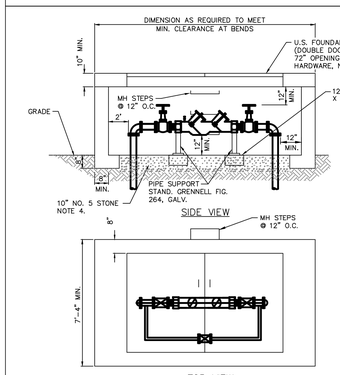


REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTOR - 2 1/2" AND SMALLER

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	REVISED: XXXXXXX	

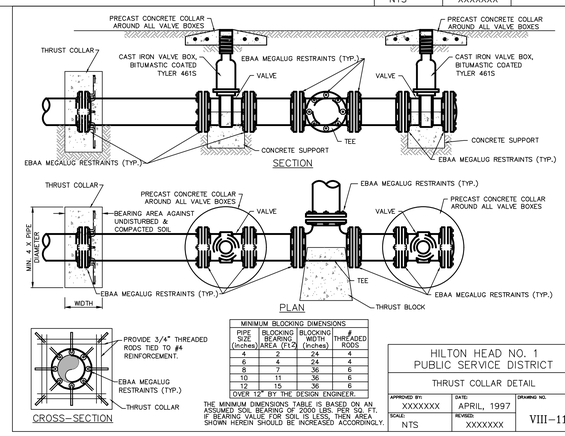


DOUBLE CHECK OR BACKFLOW PREVENTER 3" AND LARGER

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 HEAVIER DOOR.
5. IF PIPING ENTERS THROUGH SIDE OF BOX, PROVIDE A UNIFLANGE COUPLING AT THE VALVE CONNECTION.

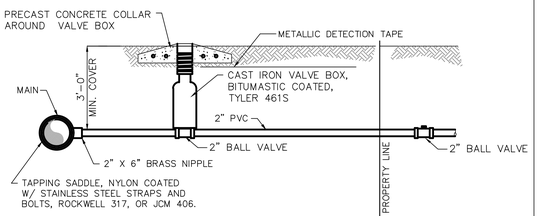
HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
DOUBLE CHECK OR BACKFLOW PREVENTER 3" AND LARGER		
APPROVED BY: LC	DATE: Feb. 1997	DRAWING NO. VIII-10
SCALE: NTS	REVISED: XXXXXXX	



MINIMUM BLOCKING DIMENSIONS			
PIPE SIZE (inches)	BLOCKING BEARING AREA (Ft.2)	BLOCKING WIDTH (inches)	# THREADED RODS
4	2	24	4
6	4	24	4
8	7	36	6
10	11	36	6
12	15	36	8
OVER 12" BY THE DESIGN ENGINEER.			

THE MINIMUM DIMENSIONS TABLE IS BASED ON AN ASSUMED SOIL BEARING OF 2000 LBS. PER SQ. FT. IF BEARING VALUE FOR SOIL IS LESS, THEN AREA SHOWN HEREIN SHOULD BE INCREASED ACCORDINGLY.

HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
THRUST COLLAR DETAIL		
APPROVED BY: XXXXXXX	DATE: APRIL, 1997	DRAWING NO. VIII-11
SCALE: NTS	REVISED: 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	REVISED: XXXXXXX	

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION WARD EDWARDS, INC. No. C00152

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 22816 PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

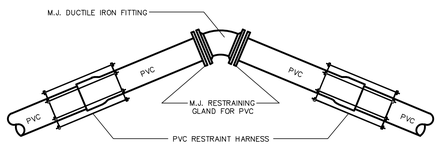
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
UTILITY DETAILS

SHEET NUMBER
C703

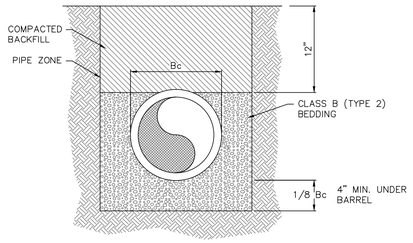
Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt



RESTRAINED JOINT FITTING DETAIL

NOT TO SCALE

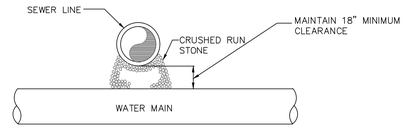
HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
RESTRAINED JOINT FITTING		
APPROVED BY: LC	DATE: DEC. 1998	DRAWING NO. VIII-13
SCALE: NTS	REVISED: XXXXXXX	



BEDDING FOR PVC GRAVITY SEWER PIPE

NOT TO SCALE

HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
BEDDING FOR PVC GRAVITY SEWER PIPE		
APPROVED BY: XXXXXXX	DATE: Feb. 1997	DRAWING NO. XII-1
SCALE: NTS	REVISED: XXXXXXX	

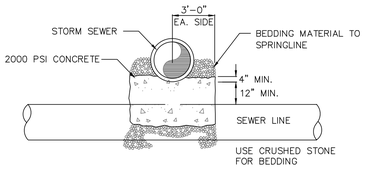


SEWER CROSSING ABOVE WATER LINE DETAIL

NOT TO SCALE

NOTE:
FULL JOINT OF DUCTILE IRON PIPE FOR BOTH WATER AND SEWER TO BE CENTERED AT CROSSING.

HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
SEWER CROSSING ABOVE WATER LINE DETAIL		
APPROVED BY: XXXXXXX	DATE: Feb. 1997	DRAWING NO. XII-2
SCALE: NTS	REVISED: XXXXXXX	

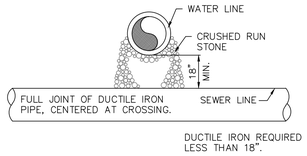


STORM SEWER CROSSING DETAIL

NOT TO SCALE

NOTE:
FULL JOINT OF DUCTILE IRON PIPE, CENTERED AT CROSSING

HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
STORM SEWER CROSSING DETAIL		
APPROVED BY: XXXXXXX	DATE: Feb. 1997	DRAWING NO. XII-3
SCALE: NTS	REVISED: XXXXXXX	

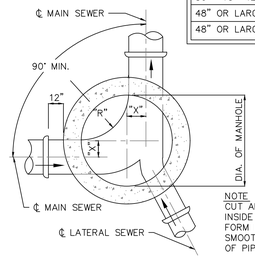


SEWER CROSSING BELOW WATER LINE DETAIL

NOT TO SCALE

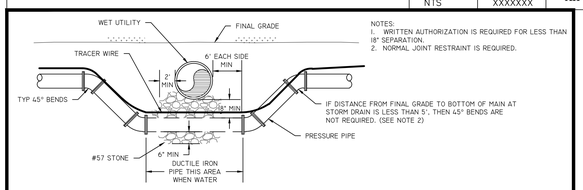
HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
SEWER CROSSING BELOW WATER LINE DETAIL		
APPROVED BY: XXXXXXX	DATE: Feb. 1997	DRAWING NO. XII-4
SCALE: NTS	REVISED: XXXXXXX	

STANDARD MANHOLES SCHEDULE OF GOVERNING DIMENSIONS				
PIPE SIZE	ANGLE △	MANHOLE DIAMETER	"R"	"X"
8" TO 15"	0° TO 90°	4'-0"	2'-0"	0"
18" TO 30"	0° TO 90°	5'-0"	2'-0"	6"
36" TO 42"	0° TO 60°	6'-0"	3'-0"	9"
36" TO 42"	60° TO 90°	6'-0	3'-0"	1'-2"
48" OR LARGER	0° TO 45°	7'-0	4'-0"	6"
48" OR LARGER	45° TO 90°	8'-0	3'-0"	1'-3"



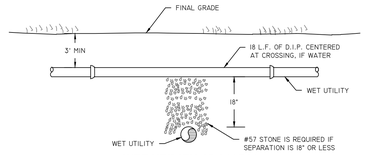
NOTE
CUT ALL PIPE FLUSH WITH INSIDE WALL OF MANHOLE FORM INVERT UNIFORM AND SMOOTH. CUT OFF TOP HALF OF PIPE AT WALL.

HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
TYPICAL PLAN STANDARD MANHOLE		
APPROVED BY: XXXXXXX	DATE: Feb. 1997	DRAWING NO. XII-5
SCALE: NTS	REVISED: XXXXXXX	



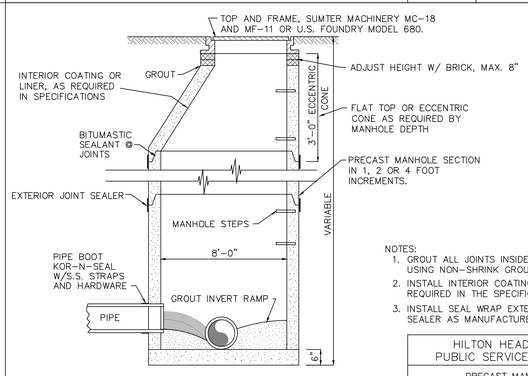
NOTES:
1. WRITTEN AUTHORIZATION IS REQUIRED FOR LESS THAN 18" SEPARATION.
2. NORMAL JOINT RESTRAINT IS REQUIRED.

PRESSURE PIPE UNDER WET UTILITY FOR FINAL DEPTH 5' OR GREATER



WET UTILITY CROSSING

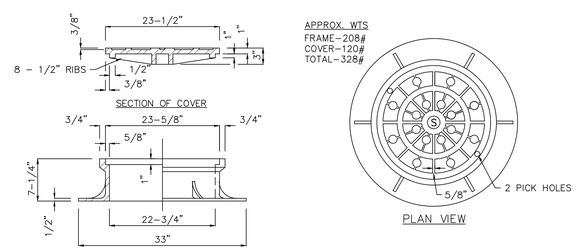
WET UTILITY CROSSING		
DATE	DRAWN BY:	DRAWING #
SCALE: N.T.S	APPROVED BY:	



SECTION

NOTES:
1. GROUT ALL JOINTS INSIDE AND OUTSIDE USING NON-SHRINK GROUT.
2. INSTALL INTERIOR COATING OR LINER AS REQUIRED IN THE SPECIFICATIONS.
3. INSTALL SEAL WRAP EXTERIOR JOINT SEALER AS MANUFACTURED BY MAR-MAC.

HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
PRECAST MANHOLE		
APPROVED BY: XXXXXXX	DATE: XXXXXXX	DRAWING NO. XII-6
SCALE: NTS	REVISED: XXXXXXX	



HALF SECTION FRAME HALF ELEVATION FRAME

NOTES:
1. AS MANUFACTURED BY SUMTER MACHINERY CO. NOS. TOP MC-18 & FRAME MF-11 OR U.S. FOUNDRY MODEL 680. PROVIDE WITH 2 COATS OF BITUMASTIC PAINT.
2. MACHINED BEARING SURFACES BETWEEN COVER AND FRAME.

STANDARD FRAME & COVER

NOT TO SCALE

HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
STANDARD FRAME AND COVER		
APPROVED BY: XXXXXXX	DATE: Feb. 1997	DRAWING NO. XII-9
SCALE: NTS	REVISED: XXXXXXX	

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA PROFESSIONAL ENGINEER
WARD EDWARDS, INC. No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 22816
02/12/24
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

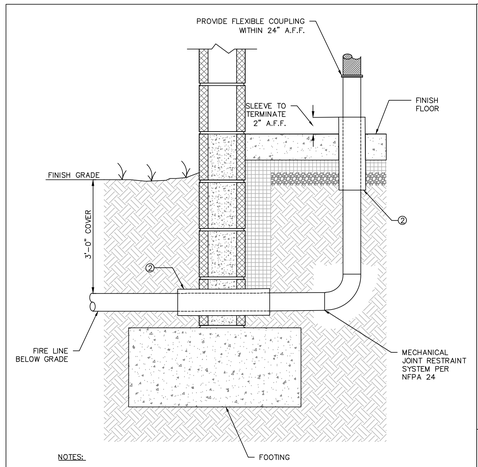
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
UTILITY DETAILS

SHEET NUMBER
C704

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

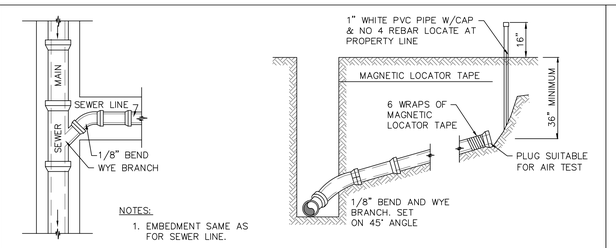


NOTES:

1. REFER TO STRUCTURAL PLANS FOR FOOTING DEPTH. INSTALL UNDER FOOTING IF POSSIBLE TO AVOID WALL PENETRATION. IF INSTALLED UNDER FOUNDATION, PIPE SHALL BE INSTALLED A MINIMUM OF 12" BELOW THE BOTTOM OF THE BUILDING FOUNDATION OR FOOTER.
2. DUCTILE IRON PIPE SLEEVE, COATED FOR CORROSION RESISTANCE. SLEEVE SHALL SHALL BE FOUR INCHES LARGER THAN PIPE FOR PIPES 4" AND LARGER (SEISMIC PROJECTS). CAULK ANNULAR SPACE WITH FLEXIBLE WATERTIGHT CAULKING.
3. SITE UTILITY CONTRACTOR TO INSTALL FULL RUN-IN TO 12" ABOVE FINISH FLOOR INSIDE BUILDING.

BELOW GRADE WALL/FOUNDATION PENETRATION DETAIL

NOT TO SCALE



PLAN SECTION

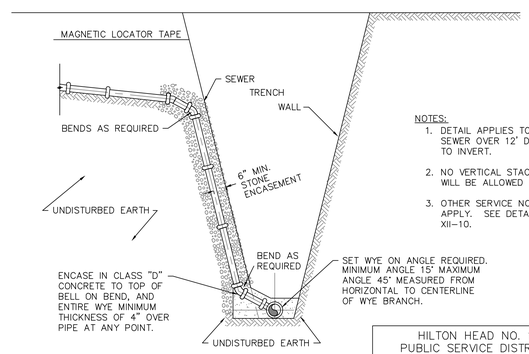
NOTES:

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.

SEWER SERVICE CONNECTION DETAIL

NOT TO SCALE

HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
SEWER SERVICE CONNECTION DETAIL		
APPROVED BY: XXXXXXX	DATE: Feb. 1997	DRAWING NO. XII-10
SCALE: NTS	REVISED: XXXXXXX	



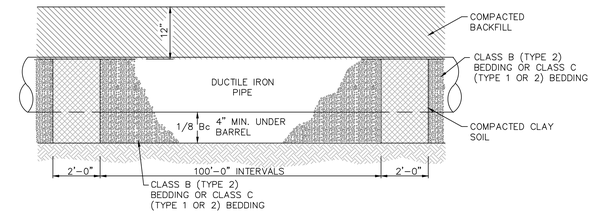
NOTES:

1. DETAIL APPLIES TO SEWER OVER 12' DEEP TO INVERT.
2. NO VERTICAL STACKING WILL BE ALLOWED
3. OTHER SERVICE NOTES APPLY. SEE DETAIL XII-10.

DEEP SEWER SERVICE DETAIL

NOT TO SCALE

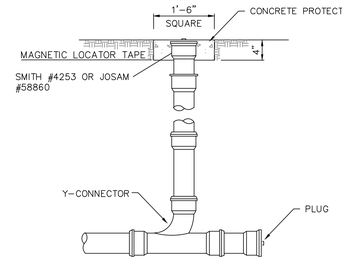
HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
DEEP SEWER SERVICE DETAIL		
APPROVED BY: XXXXXXX	DATE: Feb. 1997	DRAWING NO. XII-11
SCALE: NTS	REVISED: XXXXXXX	



DRAIN STOP DETAIL

NOT TO SCALE

HILTON HEAD NO. 1 PUBLIC SERVICE DISTRICT		
DRAIN STOP DETAIL		
APPROVED BY: XXXXXXX	DATE: Feb. 1997	DRAWING NO. XII-12
SCALE: NTS	REVISED: XXXXXXX	



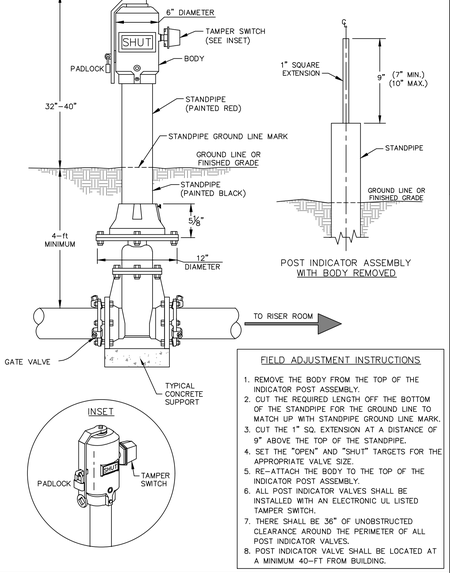
NOTES:

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		
APPROVED BY: LC	DATE: JULY 2000	DRAWING NO. XII-13
SCALE: NTS	REVISED: XXXXXXX	



POST INDICATOR ASSEMBLY WITH BODY REMOVED

FIELD ADJUSTMENT INSTRUCTIONS

1. REMOVE THE BODY FROM THE TOP OF THE INDICATOR POST ASSEMBLY.
2. CUT THE REQUIRED LENGTH OFF THE BOTTOM OF THE STANDPIPE FOR THE GROUND LINE TO MATCH UP WITH STANDPIPE GROUND LINE MARK.
3. CUT THE 1" SQ. EXTENSION AT A DISTANCE OF 9" ABOVE THE TOP OF THE STANDPIPE.
4. SET THE "OPEN" AND "SHUT" TARGETS FOR THE APPROPRIATE VALVE SIZE.
5. RE-ATTACH THE BODY TO THE TOP OF THE INDICATOR POST ASSEMBLY.
6. ALL POST INDICATOR VALVES SHALL BE INSTALLED WITH AN ELECTRONIC UL LISTED TAMPER SWITCH.
7. THERE SHALL BE 36" OF UNOBSTRUCTED CLEARANCE AROUND THE PERIMETER OF ALL POST INDICATOR VALVES.
8. POST INDICATOR VALVE SHALL BE LOCATED AT A MINIMUM 40-FT FROM BUILDING.

STANDARD POST INDICATOR VALVE

DETAIL 02510-032A

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA PROFESSIONAL ENGINEER
WARD EDWARDS, INC. No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 22816
02/12/2024
DANIEL R. MOORE

ISSUE FOR: CD SET
ISSUE DATE: 02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE: Don Baus
PROJECT MANAGER: Chris Tymoff
DESIGN TEAM: Designer

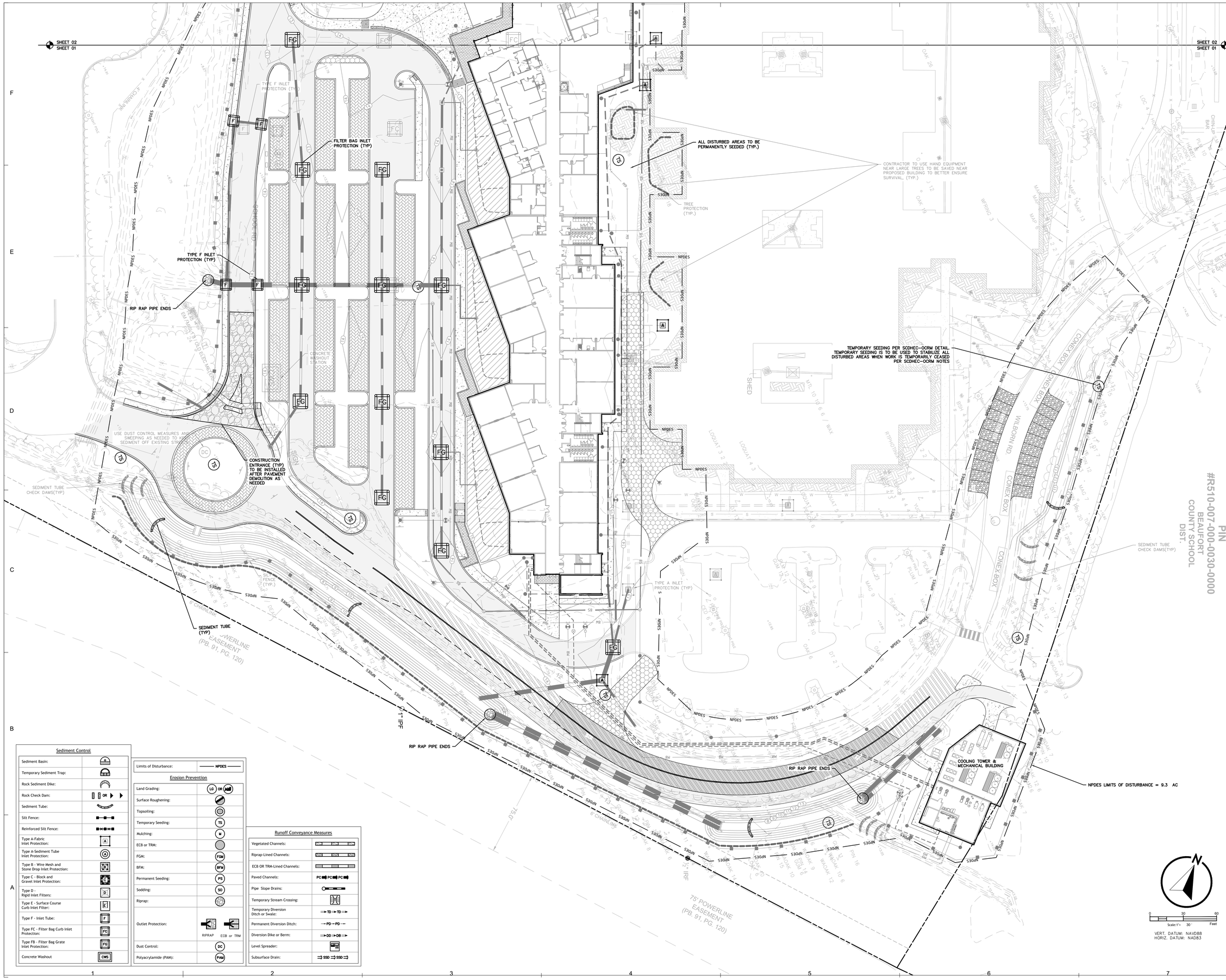
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.: 4001848600

SHEET TITLE: UTILITY DETAILS

SHEET NUMBER: C705

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt



Sediment Control

Sediment Basin:	SB
Temporary Sediment Trap:	ST
Rock Sediment Dike:	RD
Rock Check Dam:	RCD OR
Sediment Tube:	ST
Silt Fence:	SF
Reinforced Silt Fence:	RSF
Type A-Fabric Inlet Protection:	A
Type A-Sediment Tube Inlet Protection:	AST
Type B - Wire Mesh and Stone Drop Inlet Protection:	B
Type C - Block and Gravel Inlet Protection:	C
Type D - Rigid Inlet Filters:	D
Type E - Surface Course Curb Inlet Filter:	E
Type F - Inlet Tube:	F
Type FC - Filter Bag Curb Inlet Protection:	FC
Type FB - Filter Bag Grate Inlet Protection:	FG
Concrete Washout	CWS

Limits of Disturbance:	NPDES

Erosion Prevention

Land Grading:	LG OR
Surface Roughening:	
Topsoiling:	
Temporary Seeding:	TS
Mulching:	M
ECB or TRM:	
FGM:	FGM
BFM:	BFM
Permanent Seeding:	PS
Sodding:	SO
Riprap:	
Outlet Protection:	RIPRAP / ECB or TRM
Dust Control:	DC
Polyacrylamide (PAM):	PAM

Runoff Conveyance Measures

Vegetated Channels:	
Riprap-Lined Channels:	
ECB OR TRM-Lined Channels:	
Paved Channels:	PC PC PC
Pipe Slope Drains:	
Temporary Stream Crossing:	
Temporary Diversion Ditch or Swale:	TD TD
Permanent Diversion Ditch:	PD PD
Diversion Dike or Berm:	DD DB
Level Spreader:	LS
Subsurface Drain:	SSD SSD

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/2024
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

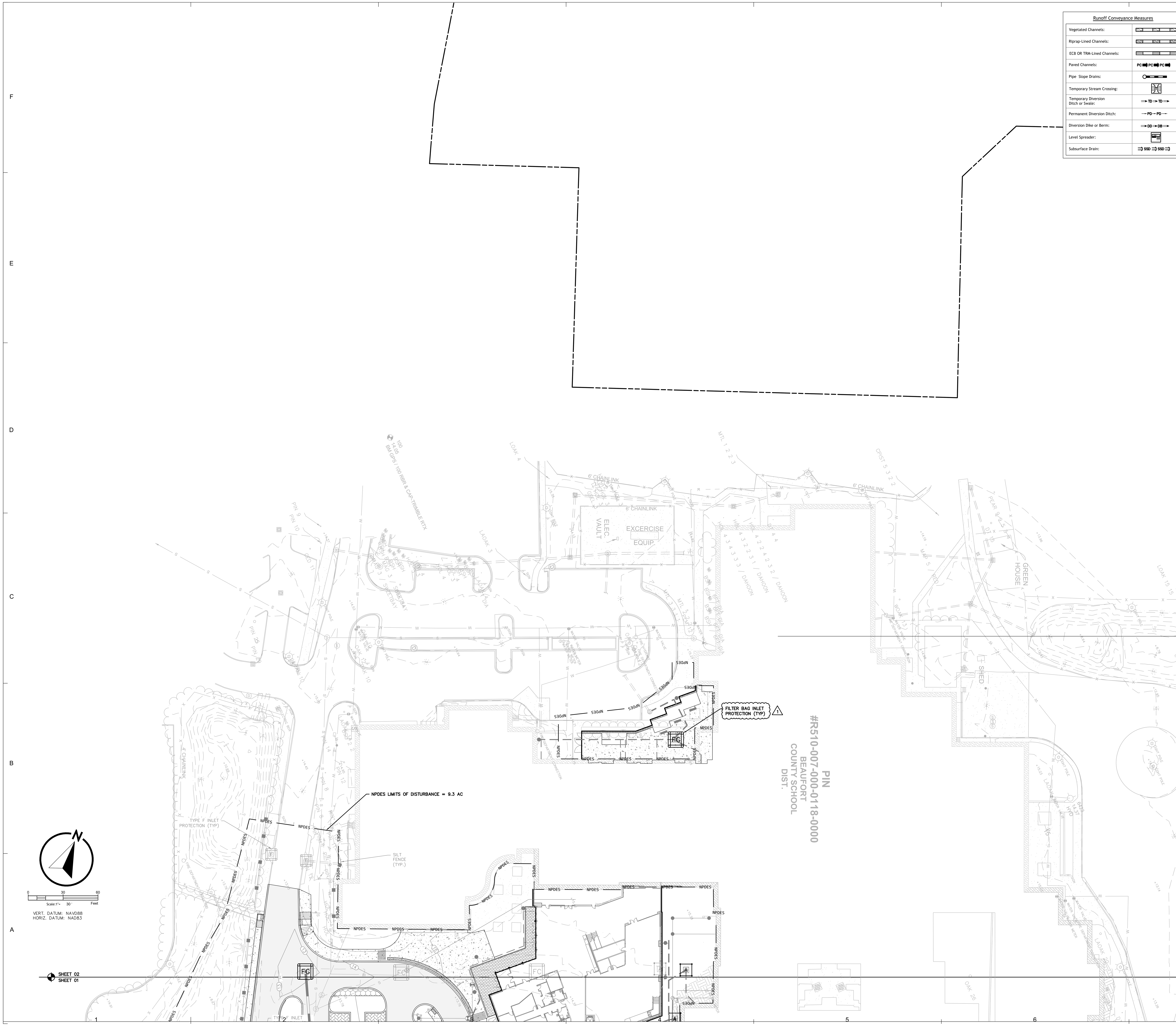
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
INTERMEDIATE & FINAL EROSION CONTROL PLAN

SHEET NUMBER
C801



Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

Runoff Conveyance Measures

Measure	Symbol
Vegetated Channels:	
Riprap-Lined Channels:	
ECB OR TRM-Lined Channels:	
Paved Channels:	PC PC PC
Pipe Slope Drains:	
Temporary Stream Crossing:	
Temporary Diversion Ditch or Swale:	TD TD
Permanent Diversion Ditch:	PD PD
Diversion Dike or Berm:	DD DB
Level Spreader:	
Subsurface Drain:	SSD SSD

Sediment Control

Measure	Symbol
Sediment Basin:	
Temporary Sediment Trap:	
Rock Sediment Dike:	
Rock Check Dam:	OR
Sediment Tube:	
Silt Fence:	
Reinforced Silt Fence:	
Type A-Fabric Inlet Protection:	A
Type A-Sediment Tube Inlet Protection:	A
Type B - Wire Mesh and Stone Drop Inlet Protection:	B
Type C - Block and Gravel Inlet Protection:	C
Type D - Rigid Inlet Filters:	D
Type E - Surface Course Curb Inlet Filter:	E
Type F - Inlet Tube:	F
Type FC - Filter Bag Curb Inlet Protection:	FC
Type FB - Filter Bag Grate Inlet Protection:	FG
Concrete Washout	CWS

Limits of Disturbance:	NPDES

Erosion Prevention

Measure	Symbol
Land Grading:	LG OR
Surface Roughening:	
Topsoiling:	
Temporary Seeding:	TS
Mulching:	M
ECB or TRM:	
FGM:	FGM
BFM:	BFM
Permanent Seeding:	PS
Sodding:	SO
Riprap:	
Outlet Protection:	RIPRAP / ECB or TRM
Dust Control:	DC
Polyacrylamide (PAM):	PAM

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA WARD EDWARDS, INC. No. C00152 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 22816 02/12/24 LICENSED PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	ADDED SEDIMENT CONTROL BMP	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

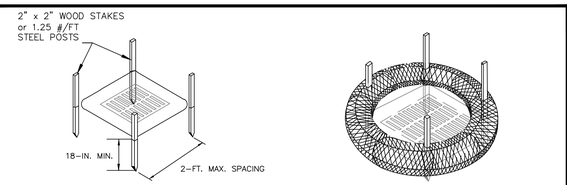
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

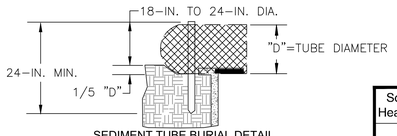
SHEET TITLE
INTERMEDIATE & FINAL EROSION CONTROL PLAN

SHEET NUMBER
C802



POST INSTALLATION DETAIL

SEDIMENT TUBE INSTALLATION DETAIL



SEDIMENT TUBE BURIAL DETAIL

PLAN SYMBOL

A

South Carolina Department of Health and Environmental Control

Type A

SEDIMENT TUBE INLET PROTECTION

STANDARD DRAWING NO. SC-07A PAGE 1 of 2

NOT TO SCALE FEBRUARY 2014 DATE

TYPE A – SEDIMENT TUBE INLET PROTECTION

GENERAL NOTES

1. Sediment tubes are elongated tubes of compacted geotextiles, curled excelsior wood, natural coconut fiber, or hardwood mulch. Straw, pine needle, and leaf mulch–filled sediment tubes are not permitted.
2. The outer netting of the sediment tube should consist of seamless, high–density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high–density polyethylene non–degradable material.
3. Sediment tube diameters shall range from 18–inches to 24–inches. Sediment tunes with smaller diameters are prohibited when used as inlet protection.
4. Curled excelsior wood, or natural coconut products that are rolled up to create a sediment tube are not allowed.
5. Sediment tubes should be staked using wooden oak stakes (2–inch X 2–inch) or steel posts (standard "U" or "T" sections with a minimum weight of 1.25 pounds per foot) at a minimum of 48–inches in length placed on 2–foot centers.
6. Install all sediment tubes to ensure that no gaps exist between the soil and the bottom of the tube. Manufacturer's recommendations should always be consulted before installation.
7. The ends of adjacent sediment tubes should be overlapped 6–inches to prevent flow and sediment from passing through the field joint.
8. Sediment tubes should not be stacked on top of one another.
9. Each sediment tube should be installed in a trench with a depth equal to 1/5 the diameter of the sediment tube.
10. Install stakes at a diagonal facing incoming runoff.

INSPECTION & MAINTENANCE

1. The key to functional inlet protection is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of sediment tube inlet protection shall be conducted once every calendar week and, as recommended, within 24–hours after each rainfall even that produces 1/2–inch or more of precipitation.
3. Attention to sediment accumulations in front of the sediment tube 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 sediment tube. When a sump is installed in front of the inlet protection, sediment shall be removed when if 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. Inlet protection structures should be removed after 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.

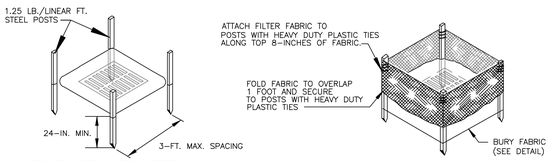
South Carolina Department of Health and Environmental Control

Type A

SEDIMENT TUBE INLET PROTECTION

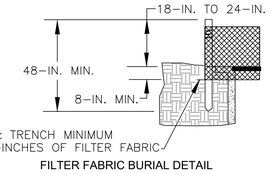
STANDARD DRAWING NO. SC-07A PAGE 2 of 2

NOT TO SCALE FEBRUARY 2014 DATE



POST INSTALLATION DETAIL

FILTER FABRIC INSTALLATION DETAIL



FILTER FABRIC BURIAL DETAIL

PLAN SYMBOL

A

South Carolina Department of Health and Environmental Control

Type A

FILTER FABIC INLET PROTECTION

STANDARD DRAWING NO. SC–07 PAGE 1 of 2

NOT TO SCALE FEBRUARY 2014 DATE

TYPE A – 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 SC DOT 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.

TYPE A – 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.

TYPE A – 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 even 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 stormwater 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. Removed 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.

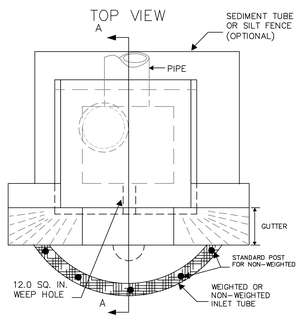
South Carolina Department of Health and Environmental Control

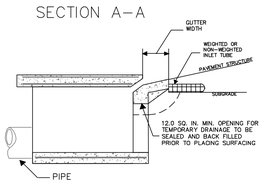
Type A

FILTER FABIC INLET PROTECTION

STANDARD DRAWING NO. SC–07 PAGE 2 of 2

GENERAL NOTES FEBRUARY 2014 DATE





PLAN SYMBOL

F

South Carolina Department of Health and Environmental Control

Type F

INLET TUBES

STANDARD DRAWING NO. SC–11 PAGE 1 of 2

NOT TO SCALE FEBRUARY 2014 DATE

TYPE F – INLET TUBES INLET PROTECTION

GENERAL NOTES

1. Inlets 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. Inlets 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. Do not use straw, straw fiber, straw bales, pine needles, or leaf mulch as fill material within inlet tubes.
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 blocks. If a sump is used, sediment should be removed when it fills approximately 1/3 the depth of the hole.
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. Inlet protection structures should be removed after 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.

South Carolina Department of Health and Environmental Control

Type F

INLET TUBES

STANDARD DRAWING NO. SC–11 PAGE 2 of 2

GENERAL NOTES FEBRUARY 2014 DATE

TEMPORARY SEEDING – COASTAL

SPECIES	LBS/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SANDY, DROUGHTY SITES													
BROWNTOP MILLET	40 LBS/AC												
RYE, GRAIN	56 LBS/AC												
RYEGRASS	50 LBS/AC												
WELL DRAINED, CLAYEY/LOAMEY SITES													
BROWNTOP MILLET OR JAPANESE MILLET	40 LBS/AC												
RYE, GRAIN OR OATS	56 LBS/AC 75 LBS/AC												
RYEGRASS	50 LBS/AC												

TS TEMPORARY SEEDING - COASTAL

DETAIL 02370-011

PERMANENT SEEDING – COASTAL

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

PS PERMANENT SEEDING - COASTAL

DETAIL 02370-010

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY

BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patriwood Drive, Suite 100
Greenville, S.C. 29616
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/2024
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

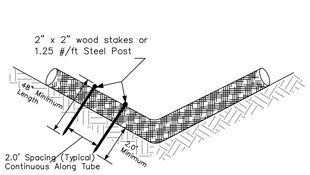
PROJECT NO.
4001848600

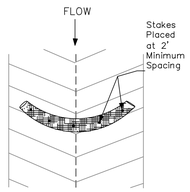
SHEET TITLE
INTERMEDIATE& FINAL EROSION CONTROL DETAILS

SHEET NUMBER
C803

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

SEDIMENT TUBE INSTALLATION





SEDIMENT TUBE SPACING

SLOPE	MAX. SEDIMENT TUBE SPACING
LESS THAN 2%	150-FEET
2%	100-FEET
3%	75-FEET
4%	50-FEET
5%	40-FEET
6%	30-FEET
GREATER THAN 6%	25-FEET

PLAN SYMBOL

South Carolina Department of Health and Environmental Control

SEDIMENT TUBES

STANDARD DRAWING NO. SC-05 PAGE 1 of 2

NOT TO SCALE FEBRUARY 2014 DATE

SEDIMENT TUBES – GENERAL NOTES

1. Sediment tubes may be installed along contours, in drainage conveyance channels, and around inlets to help prevent off-site discharge of sediment-laden stormwater runoff.
2. Sediment tubes are elongated tubes of compacted geotextiles, curled excelsior wood, natural coconut fiber, or hardwood mulch. Straw, pine needle, and leaf mulch-filled sediment tubes are not permitted.
3. The outer netting of the sediment tube should consist of seamless, high-density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high-density polyethylene non-degradable material.
4. Sediment tubes, when used as checks within channels, should range between 18-inches and 24-inches depending on channel dimensions. Diameters outside this range may be allowed where necessary when approved.
5. Curled excelsior wood, or natural coconut products that are rolled up to create a sediment tube are not allowed.
6. Sediment tubes should be staked using wooden stakes (2-inch X 2-inch) or steel posts (standard "U" or "T" sections with a minimum weight of 1.25 pounds per foot) at a minimum of 48-inches in length placed on 2-foot centers.
7. Install all sediment tubes to ensure that no gaps exist between the soil and the bottom of the tube. Manufacturer's recommendations should always be consulted before installation.
8. The ends of adjacent sediment tubes should be overlapped 6-inches to prevent flow and sediment from passing through the field joint.
9. Sediment tubes should not be stacked on top of one another, unless recommended by manufacturer.
10. Each sediment tube should be installed in a trench with a depth equal to 1/5 the diameter of the sediment tube.
11. Sediment tubes should continue up the side slopes a minimum of 1-foot above the design flow depth of the channel.
12. Install stakes at a diagonal facing incoming runoff.

SEDIMENT TUBES – INSPECTION & MAINTENANCE

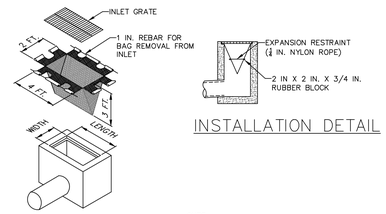
1. The key to functional sediment tubes is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of sediment tubes shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.
3. Attention to sediment accumulations in front of the sediment tube 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 sediment tube.
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. If erosion causes the edges to fall to a height equal to or below the height of the sediment tube, repairs should be made immediately to prevent runoff from bypassing tube.
8. Sediment tubes should be removed after the contributing drainage area has been completely stabilized. Permanent vegetation should replace areas from which sediment tubes have been removed.

South Carolina Department of Health and Environmental Control

SEDIMENT TUBES

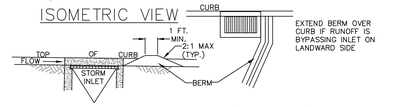
STANDARD DRAWING NO. SC-05 PAGE 2 of 2

GENERAL NOTES FEBRUARY 2014 DATE



INSTALLATION DETAIL

ISOMETRIC VIEW



SECTION VIEW PLAN VIEW

NOTES:

MAXIMUM DRAINAGE AREA = 1/2 ACRE.

INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.

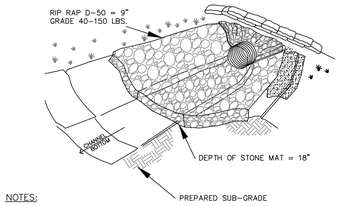
ROLLED EARTHEN BERM SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. SIX INCH MINIMUM HEIGHT ASPHALT BERM SHALL BE MAINTAINED UNTIL ROADWAY SURFACE RECEIVES FINAL COAT.
AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS, A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.

INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE OF ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.

DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

FILTER BAG GRATE INLET PROTECTION

NO SCALE



NOTES:

1. PLACE ALL RIP RAP ON 8 OUNCE NON-WOVEN FILTER CLOTH.
2. STAKING OF FILTER CLOTH PER MANUFACTURER'S SPECIFICATIONS.
3. LENGTH OF OUTLET STABILIZATION = 8 TIMES PIPE DIA.
   TOP WIDTH OF OUTLET STABILIZATION = 3 TIMES PIPE DIA.
   BOTTOM WIDTH OF OUTLET STABILIZATION = 6 TIMES PIPE DIA.

⚠ RIP RAP OUTLET STABILIZATION DETAIL

DETAIL #02370-009

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patriswood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
WARD EDWARDS, INC.
No. C00152

SOUTH CAROLINA PROFESSIONAL ENGINEER
LICENSED
No. 22816
02/12/2024
ALL R. M.S.P.E.

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	ADDED DETAILS	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

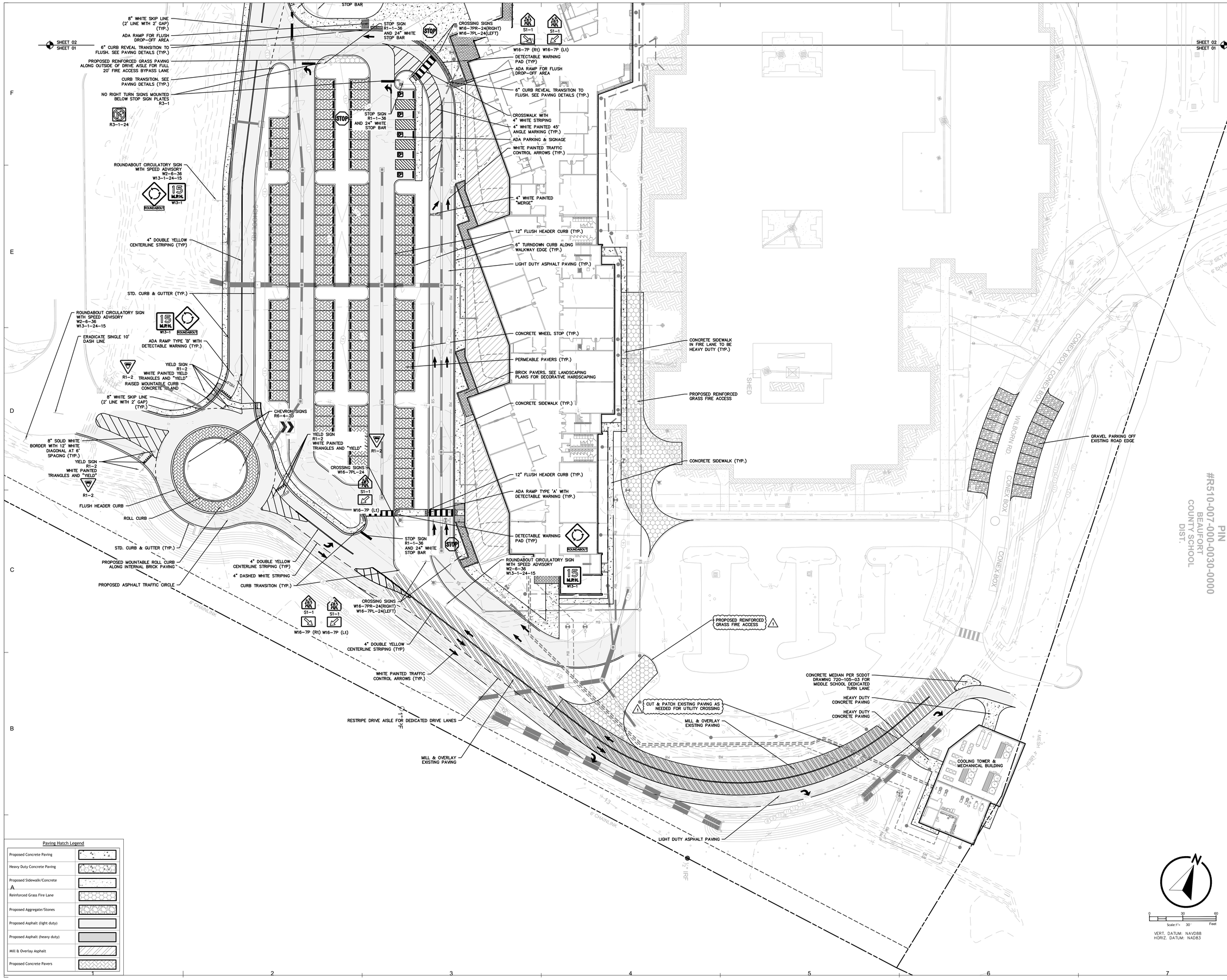
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
INTERMEDIATE& FINAL EROSION CONTROL DETAILS

SHEET NUMBER
C804

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt



Paving Hatch Legend

Proposed Concrete Paving	
Heavy Duty Concrete Paving	
Proposed Sidewalk/Concrete	
Reinforced Grass Fire Lane	
Proposed Aggregate/Stones	
Proposed Asphalt (light duty)	
Proposed Asphalt (heavy duty)	
Mill & Overlay Asphalt	
Proposed Concrete Pavers	

0 30 60
Scale:1"= 30' Feet

VERT. DATUM: NAVD88
HORIZ. DATUM: NAD83

PIN #R510-007-000-0030-0000
BEAUFORT COUNTY SCHOOL DIST.

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/2024
DANIEL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	REVISED PAVING & SIGNAGE	02.12.24

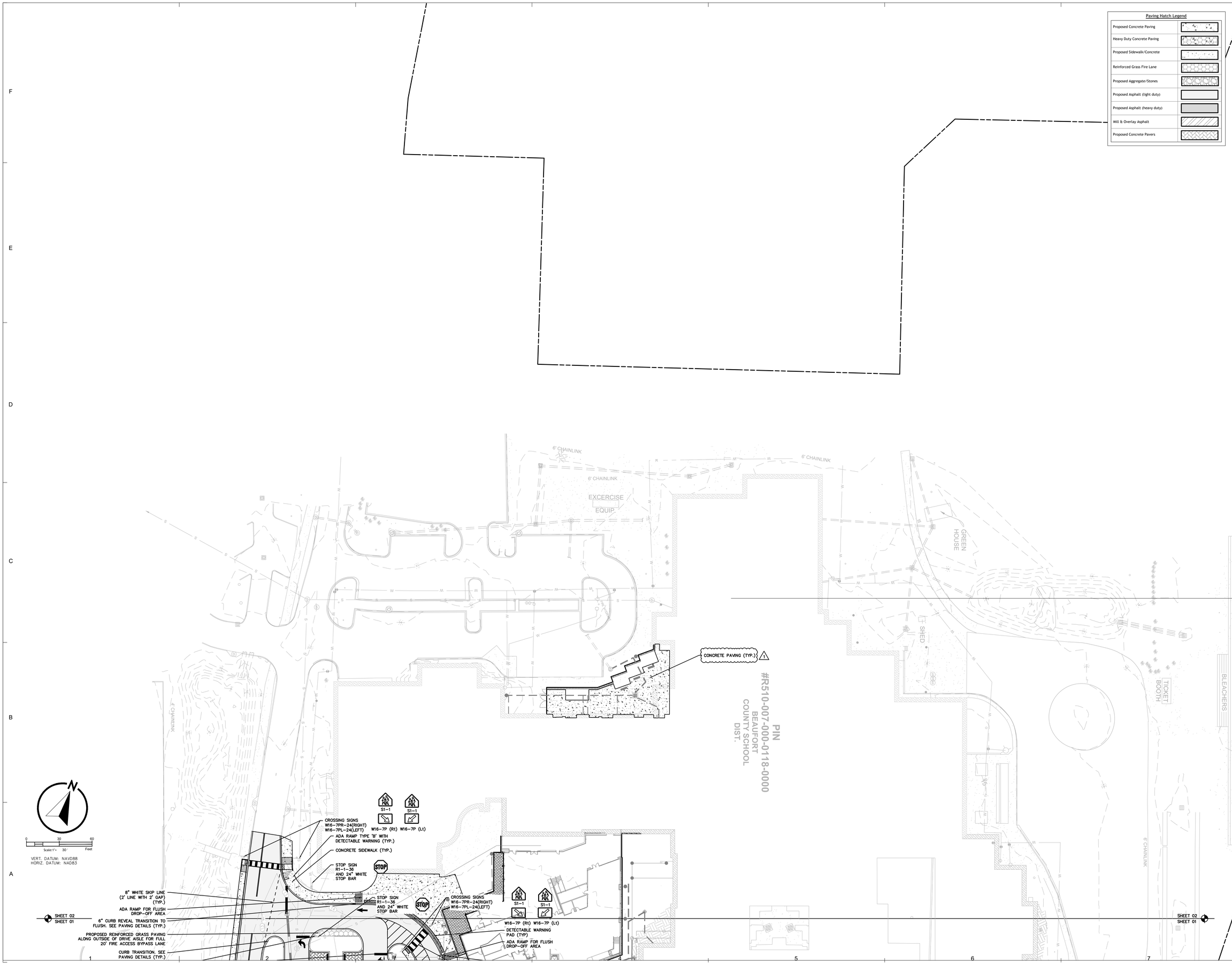
PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
PAVING PLAN

SHEET NUMBER
C901



Paving Hatch Legend

Proposed Concrete Paving	
Heavy Duty Concrete Paving	
Proposed Sidewalk/Concrete	
Reinforced Grass Fire Lane	
Proposed Aggregate/Stones	
Proposed Asphalt (light duty)	
Proposed Asphalt (heavy duty)	
Mill & Overlay Asphalt	
Proposed Concrete Pavers	

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA WARD EDWARDS, INC. No. C00152 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER No. 22816 02/12/24 PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	ADDITIONAL PAVING	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

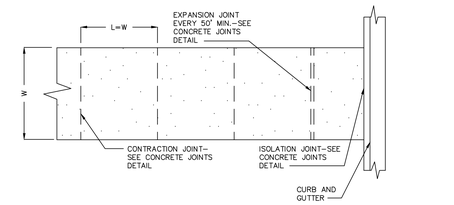
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL
70 Wilborn Rd.
Hilton Head Island, SC 29926

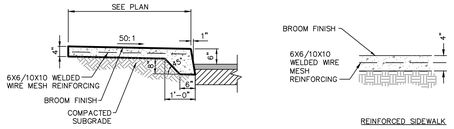
PROJECT NO.
4001848600

SHEET TITLE
PAVING PLAN

SHEET NUMBER
C902

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt





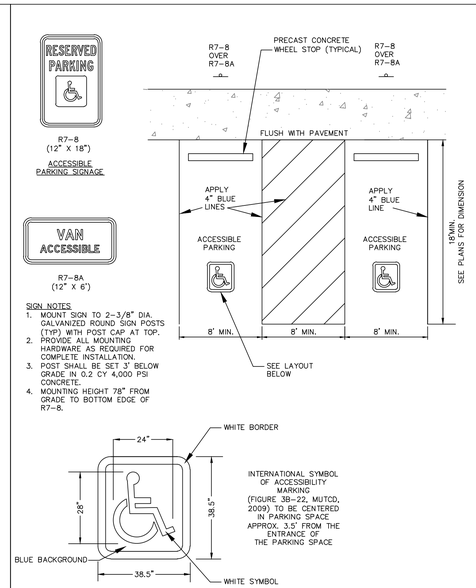
TURNED DOWN SIDEWALK

REINFORCED SIDEWALK

NOTES:
1. W = VARIES, REFER TO STAKING PLAN FILL IN BASED ON SITE PLAN
2. L = WIDTH OF PAVING UNLESS OTHERWISE INDICATED ON PLAN.
3. SLOPE = AS INDICATED ON GRADING PLAN, NOT TO EXCEED 2% CROSS OF 8.33% LONGITUDINAL
4. ALL CONCRETE SHALL BE CLASS A 3000 PSI
5. FINISH BROOM WITH HAND TOOLED JOINTS AND EDGES.

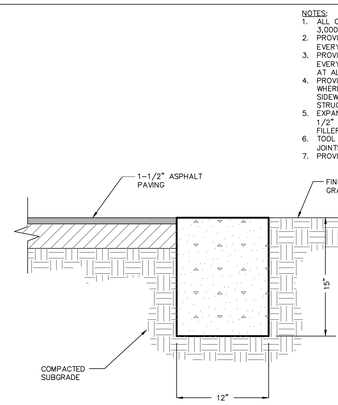
CONCRETE SIDEWALK

DETAIL 03300-006



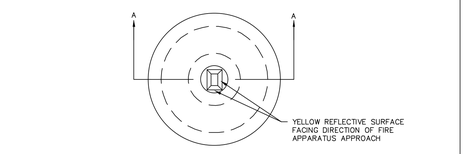
SIGN NOTES
1. MOUNT SIGN TO 2–3/8" DIA. GALVANIZED ROUND SIGN POSTS (TYP) WITH POST CAP AT TOP.
2. PROVIDE ALL MOUNTING HARDWARE AS REQUIRED FOR COMPLETE INSTALLATION.
3. POST SHALL BE SET 3' BELOW GRADE IN 0.2 CY 4,000 PSI CONCRETE.
4. MOUNTING HEIGHT 78" FROM GRADE TO BOTTOM EDGE OF R7–8.

ACCESSIBLE PARKING DETAIL

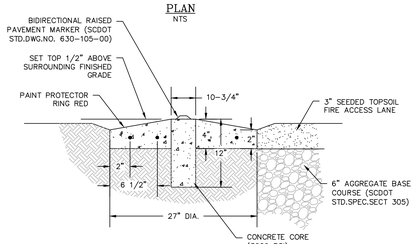


FLUSH HEADER CURB

DETAIL 03300-005



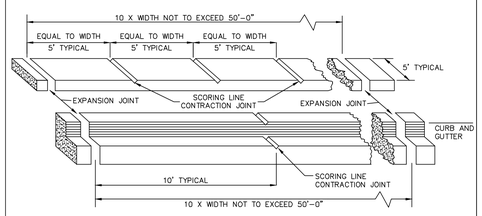
PLAN
NTS



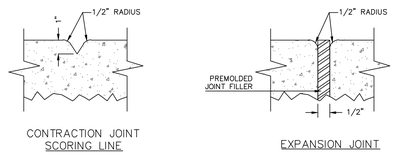
SECTION A–A
NTS

1. PRECAST CONCRETE PROCTOR RINGS SHALL BE INSTALLED WITH CONCRETE CORE IN UNPAVED NON–TRAFFIC AREAS ALONG FIRE LANE AND SHALL NOT CREATE A HINDRANCE TO FUTURE MOWING OPERATIONS.
2. CONCRETE PROTECTOR RING SHALL BE CONSTRUCTED OF 2500 PSI PRECAST REINFORCED CONCRETE.
3. BIDIRECTIONAL RAISED PAVEMENT MARKER SHALL BE ATTACHED TO CONCRETE CORE WITH ADHESIVE MATERIAL.

FIRE DEPT ACCESS LANE DELINEATOR



ISOMETRIC



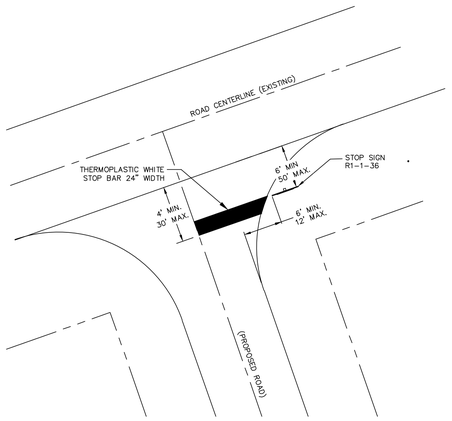
CONTRACTION JOINT SCORING LINE

EXPANSION JOINT

NOTES:
1. EXPANSION JOINTS, 1/2 INCH THICK, SHALL BE PLACED IN THE SIDEWALK AND CURBING AT THE POINT OF CURVATURE (PC) AND POINT OF TANGENCY (PT) OF ALL CURVES, AT THE OUTER EDGES OF DRIVEWAYS, AND AT UNIFORM INTERVALS AS SHOWN. EXPANSION JOINTS SHALL MEET SCDOT SPECIFICATION SECTION 702.2.2.1.
2. TRANSVERSE SCORING LINES (CONTRACTION JOINTS) IN THE SIDEWALK SHALL BE PLACED BETWEEN EXPANSION JOINTS AT UNIFORM INTERVALS EQUAL TO THE WIDTH OF THE WALK AS SHOWN.
3. LONGITUDINAL SCORING LINES WILL BE REQUIRED IN WALKS WIDER THAN 5 FEET OR AS DIRECTED BY THE ENGINEER.
4. TRANSVERSE CONTRACTION JOINTS IN THE CURBING SHALL BE PLACED BETWEEN EXPANSION JOINTS AT UNIFORM 10' INTERVALS.
5. TRANSVERSE AND LONGITUDINAL SCORING LINES SHALL BE A DEPTH OF 1" AND NOT LESS THAN 1/4 INCH OR MORE THAN 1/2 INCH IN WIDTH. THE CORNERS OF THE SCORING LINES SHALL HAVE A 1/2 INCH MINIMUM RADII.
6. JOINTS IN THE CURB AND GUTTER SHALL ALIGN WITH CORRESPONDING JOINTS IN THE SIDEWALK.

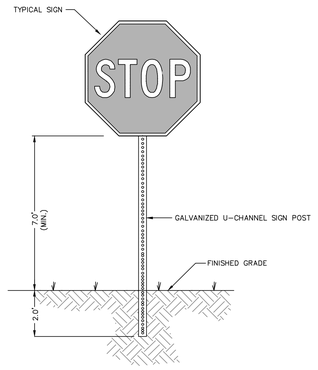
EXPANSION JOINTS AND SCORING LINES

DETAIL 03300-007A



TYPICAL STOP SIGN & STOP BAR STRIPING AT INTERSECTION

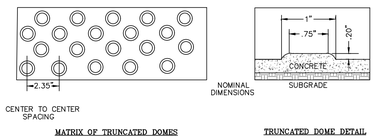
DETAIL #02740-018



NOTE:
ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (LATEST EDITION) AND THE DEPARTMENT OF TRANSPORTATION STANDARDS AT THE LOCATIONS SHOWN ON THE PLANS.

TYPICAL SIGNAGE

DETAIL #02890-002A



MATRIX OF TRUNCATED DOMES

TRUNCATED DOME DETAIL

NOTE: Detectable Warning Pavement shall be constructed where shown on the plans as a cast in place colored concrete system, and shall meet the nominal dimensional and color contrast requirements of Section 4.29.2 of Title III of the Americans With Disabilities Act. The color of the detectable warning pavement shall be selected by the Architect. The concrete surface shall be broom–finished for increased slip–resistance.
COORDINATE COLOR SELECTION WITH ARCHITECT

DETECTABLE WARNING PAVEMENT

DETAIL 02740-012

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL
LICENSED
No. 22816
02/12/24
ARCHITECT
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

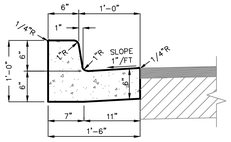
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

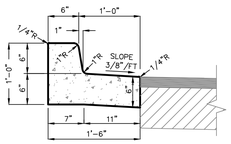
SHEET TITLE
PAVING DETAILS

SHEET NUMBER
C903

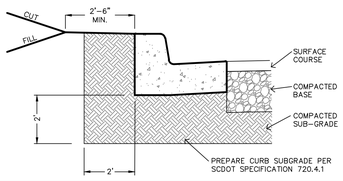
Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt



NORMAL GUTTER



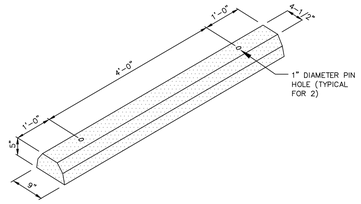
PITCHED GUTTER



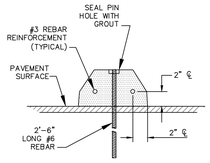
NOTES:
1. USE NORMAL OR PITCHED GUTTER AS REQUIRED TO MATCH PAVING SLOPE.
2. ALL CONCRETE SHALL BE 3,000 PSI.
3. PROVIDE CONTRACTION JOINTS EVERY TEN FEET (10'), MIN.
4. PROVIDE EXPANSION JOINTS EVERY FIFTY (50') FEET AND AT ALL TANGENT POINTS.
5. PROVIDE EXPANSION JOINTS WHERE CURB ABUTS SIDEWALKS OR OTHER RIGID STRUCTURES.
6. EXPANSION JOINTS SHALL BE 1/2" WITH PRE-MOLDED JOINT FILLER.
7. TOOL ALL EXPOSED EDGES & JOINTS TO 1/4" RADIUS.
8. PROVIDE LIGHT BROOM FINISH.

18" CURB AND GUTTER

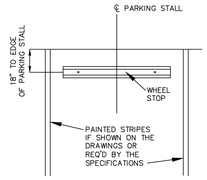
DETAIL 03300-004A



ISOMETRIC



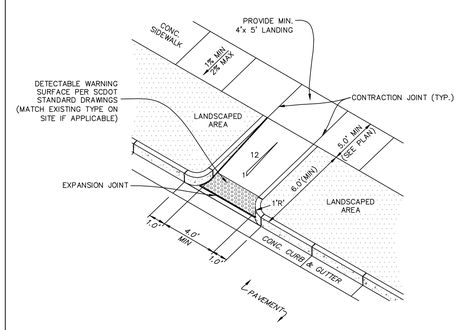
SECTION



INSTALLATION PLAN

NOTES:
1. WHEEL STOPS SHALL BE STEEL REINFORCED PRECAST UNITS CONSISTING OF SCDOT CLASS 3000 CONCRETE, MINIMUM. ALTERNATE MATERIAL COMPOSITION MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
2. WHEEL STOPS SHALL BE INSTALLED PERPENDICULAR TO PARKING STALL AND SHALL BE PLACED A MINIMUM OF 18" FROM END OF PARKING STALL OR OBSTRUCTION.
3. ANCHORING PINS SHALL BE DRIVEN FLUSH TO THE TOP OF THE WHEEL STOP AND PIN HOLES SHALL BE GROUTED UPON INSTALLATION.

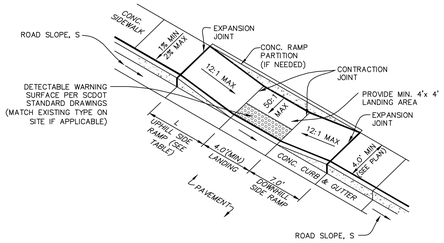
PRECAST CONCRETE WHEEL STOP



NOTES:
1. ALL CONCRETE SHALL BE CLASS A, 3,000 PSI.
2. REFER TO STANDARD DETAILS FOR SIDEWALKS, CURB & GUTTER, AND CONCRETE JOINTS.
3. CURB RAMP SHALL BE BROOM-FINISHED TO PROVIDE A ROUGH, SKID-RESISTANT SURFACE. ALL JOINTS AND EDGES SHALL BE HAND TOOLED.
4. GUTTER FLOW LINE AND PLAN PROFILE SHALL BE MAINTAINED THROUGH THE RAMP AREA. THE SURFACE OF THE RAMP SHALL BE FLUSH WITH THE FLOWLINE OF THE CURB AND GUTTER.
5. PLACE DETECTABLE WARNING IN LINE AND FLUSH WITH BACK OF "DROPPED CURB".
6. SIDE SLOPES OF THE RAMP ARE NOT TO EXCEED 12:1 (8.33%) AT ANY LOCATION WHERE PEDESTRIAN TRAFFIC CROSSES THE RAMP.
7. CROSS SLOPES OF SIDEWALK, RAMP, AND LANDING TO BE BETWEEN 100:1 (1%) AND 50:1 (2%).

CONCRETE CURB RAMP- TYPE D

DETAIL 03300-033

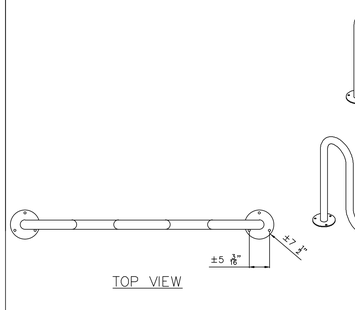


ROAD SLOPE, S (%)	L (UPHILL SIDE RAMP), [FT]
S ≤ 1%	7'-0"
1% < S ≤ 3%	10'-0"
S > 3%	15'-0"

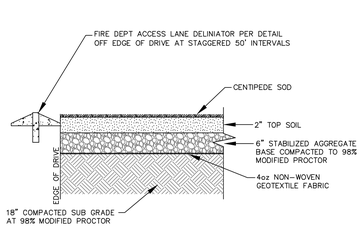
NOTES:
1. ALL CONCRETE SHALL BE CLASS A, 3,000 PSI.
2. REFER TO STANDARD DETAILS FOR SIDEWALKS, CURB & GUTTER, AND CONCRETE JOINTS.
3. CURB RAMP SHALL BE BROOM-FINISHED TO PROVIDE A ROUGH, SKID-RESISTANT SURFACE. ALL JOINTS AND EDGES SHALL BE HAND TOOLED.
4. GUTTER FLOW LINE AND PLAN PROFILE SHALL BE MAINTAINED THROUGH THE RAMP AREA. THE SURFACE OF THE RAMP SHALL BE FLUSH WITH THE FLOWLINE OF THE CURB AND GUTTER.
5. PLACE DETECTABLE WARNING IN LINE AND FLUSH WITH BACK OF "DROPPED CURB".
6. SIDE SLOPES OF THE RAMP ARE NOT TO EXCEED 12:1 (8.33%) AT ANY LOCATION WHERE PEDESTRIAN TRAFFIC CROSSES THE RAMP.
7. CROSS SLOPES OF SIDEWALK, RAMP, AND LANDING TO BE BETWEEN 100:1 (1%) AND 50:1 (2%).

CONCRETE CURB RAMP TYPE-B

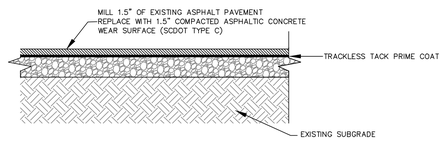
DETAIL 03300-029A



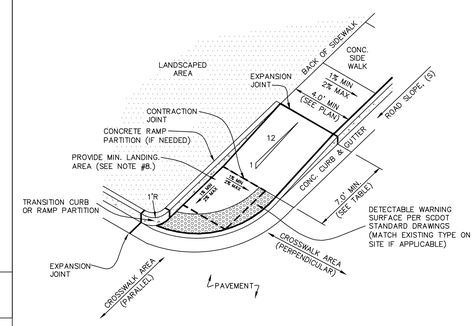
TYPICAL BIKE RACK DETAIL



REINFORCED GRASS FIRE LANE



ASPHALT PAVEMENT MILL & OVERLAY

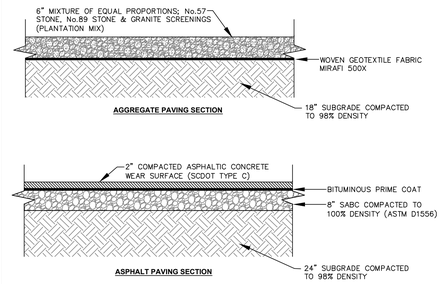


ROAD SLOPE, S (%)	L (UPHILL SIDE RAMP), [FT]
S ≤ 1%	7'-0"
1% < S ≤ 3%	10'-0"
S > 3%	15'-0"

NOTES:
1. ALL CONCRETE SHALL BE CLASS A, 3,000 PSI.
2. REFER TO STANDARD DETAILS FOR SIDEWALKS, CURB & GUTTER, AND CONCRETE JOINTS.
3. CURB RAMP SHALL BE BROOM-FINISHED TO PROVIDE A ROUGH, SKID-RESISTANT SURFACE. ALL JOINTS AND EDGES SHALL BE HAND TOOLED.
4. GUTTER FLOW LINE AND PLAN PROFILE SHALL BE MAINTAINED THROUGH THE RAMP AREA. THE SURFACE OF THE RAMP SHALL BE FLUSH WITH THE FLOWLINE OF THE CURB AND GUTTER.
5. PLACE DETECTABLE WARNING IN LINE AND FLUSH WITH BACK OF "DROPPED CURB".
6. SIDE SLOPES OF THE RAMP ARE NOT TO EXCEED 12:1 (8.33%) AT ANY LOCATION WHERE PEDESTRIAN TRAFFIC CROSSES THE RAMP.
7. CROSS SLOPES OF SIDEWALK, RAMP, AND LANDING TO BE BETWEEN 100:1 (1%) AND 50:1 (2%).
8. IF CROSSWALK IS PARALLEL WITH WALK, A MIN. LANDING OF 4'x 4' MUST BE PROVIDED. HOWEVER, IF THE CROSSWALK IS PERPENDICULAR TO THE WALK, A MIN. LANDING OF 5'x 5' MUST BE PROVIDED

CONCRETE CURB RAMP TYPE-C

DETAIL 03300-031



TYPICAL PAVING SECTIONS

DETAIL 02740-016

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/24
REGISTERED
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

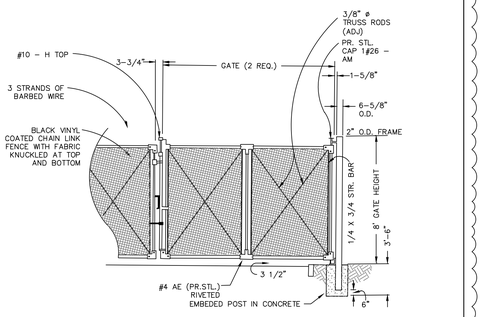
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
PAVING DETAILS

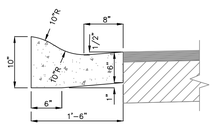
SHEET NUMBER
C904

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

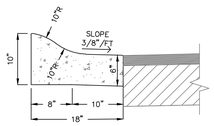


BLACK VINYL COATED CHAIN LINK DOUBLE SWING GATE

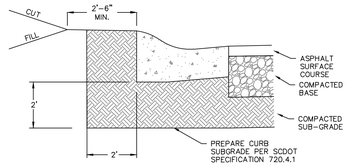
DETAIL 02820-007



NORMAL GUTTER



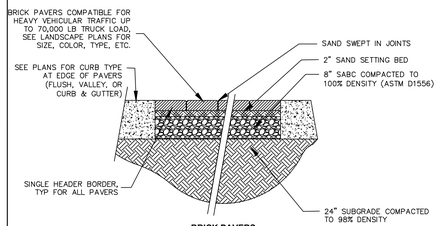
PITCHED GUTTER



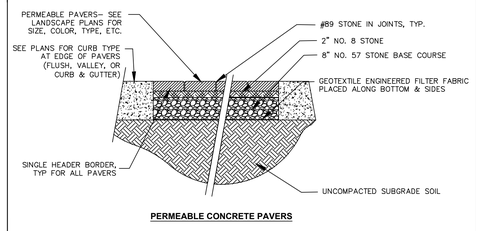
NOTES:
1. USE NORMAL OR PITCHED GUTTER AS REQUIRED TO MATCH PAVING SLOPE.
2. ALL CONCRETE SHALL BE 3,000 PSI.
3. PROVIDE CONTRACTION JOINTS EVERY TEN FEET (10').
4. PROVIDE EXPANSION JOINTS EVERY FIFTY (50') FEET AND AT ALL TANGENT POINTS.
5. PROVIDE EXPANSION JOINTS WHERE CURB ABUTS SIDEWALKS OR OTHER RIGID STRUCTURES.
6. EXPANSION JOINTS SHALL BE 1/2" WITH PRE-MOLDED JOINT FILLER.
7. TOOL ALL EXPOSED EDGES & JOINTS TO 1/4" RADIUS.
8. PROVIDE LIGHT BROOM FINISH.
9. EQUIVALENT TO SCDOT "OGEE" CURB & GUTTER (720-105-01).

18" ROLL-OVER CURB & GUTTER

DETAIL 03300-002A



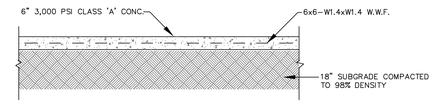
BRICK PAVERS

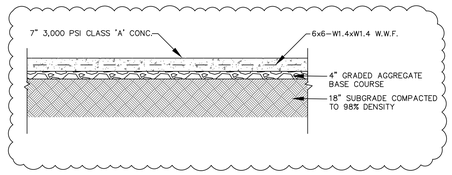


PERMEABLE CONCRETE PAVERS

NOTE:
1. INSTALL PERMEABLE PAVING PER THE "LOW IMPACT DEVELOPMENT IN COASTAL SOUTH CAROLINA GUIDE" AND PER ICPI SPECIFICATIONS.

PAVERS DETAILS





CONCRETE PAVING SECTION

DETAIL #03300-034

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
WARD EDWARDS, INC.
No. C00152

SOUTH CAROLINA PROFESSIONAL ENGINEER
No. 22816
02/12/24
PAUL R. MOORE

ISSUE FOR
CD SET

ISSUE DATE
02.12.2024

REVISIONS

NO.	REASON	DATE
1	ADDED DETAILS	02.12.24

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

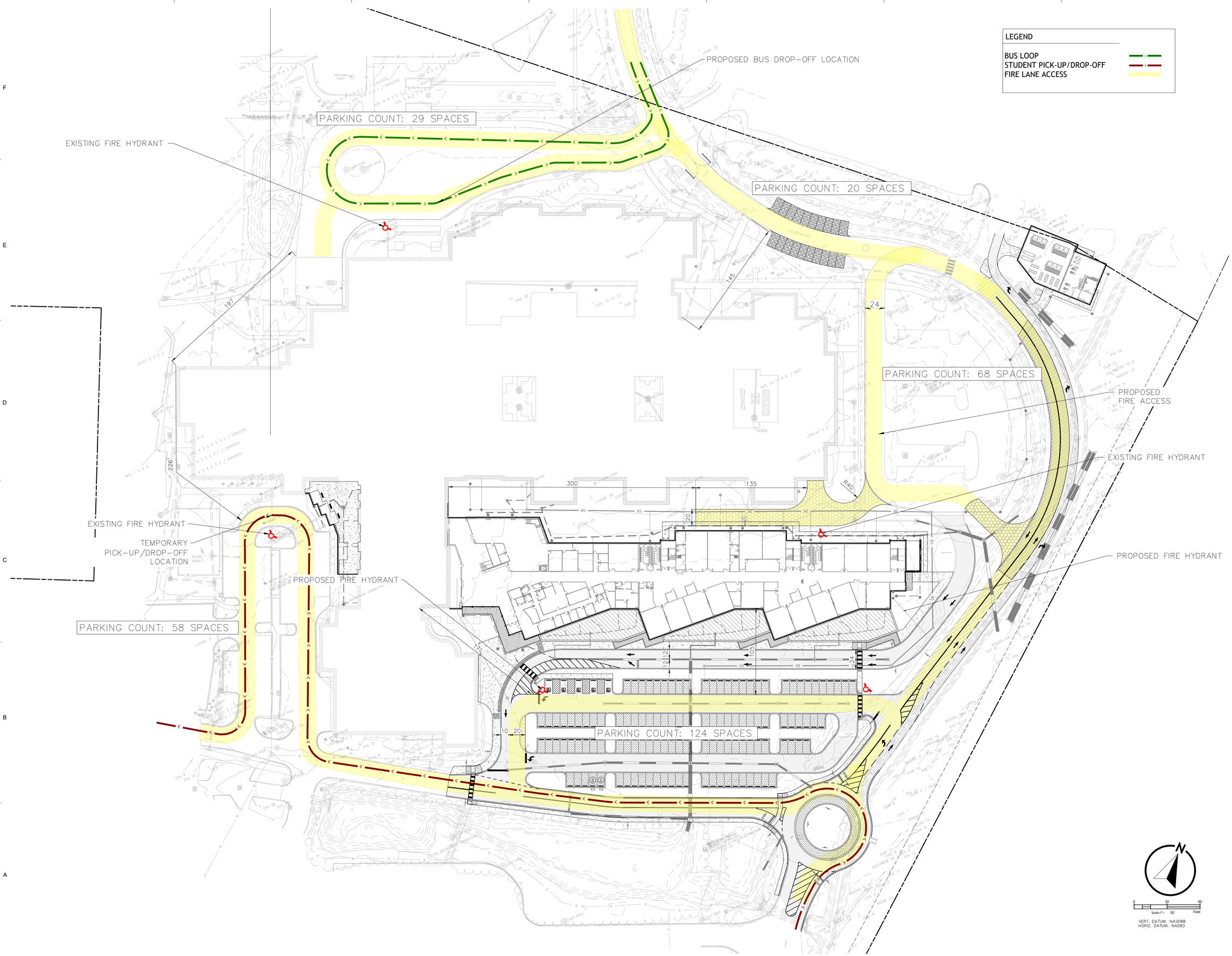
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
PAVING DETAILS

SHEET NUMBER
C903

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt



Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/24
PAUL R. MOORE

ISSUE FOR:
CD SET

ISSUE DATE:
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

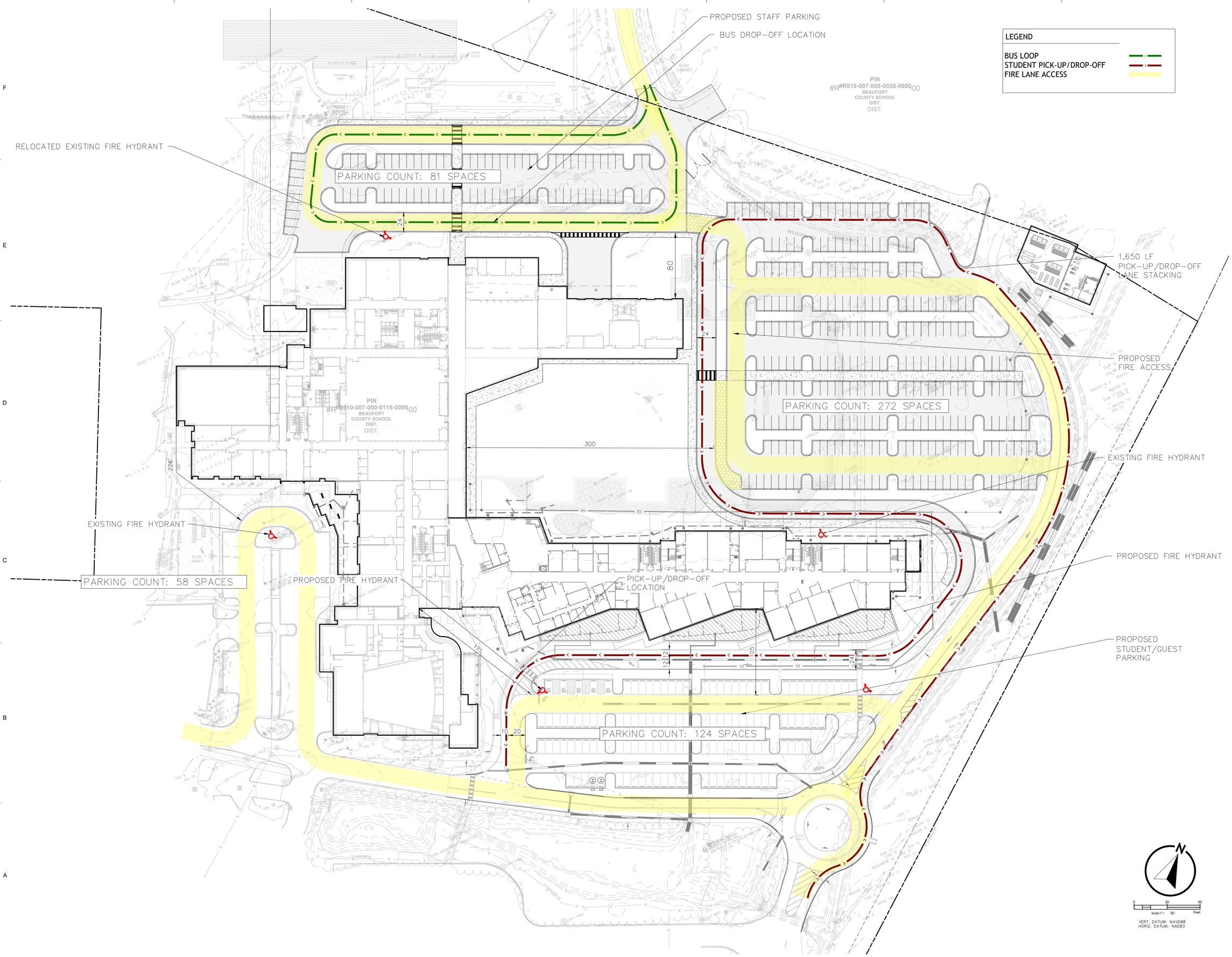
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
LIFE SAFETY AND TRANSPORTATION EXHIBIT PHASE 1

SHEET NUMBER
EXHIBIT



Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING
WE job no: 220506

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
WARD EDWARDS, INC.
No. C00152
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
No. 22816
02/12/24
PAUL R. MOORE

ISSUE FOR:
CD SET

ISSUE DATE:
02.12.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
LIFE SAFETY AND TRANSPORTATION EXHIBIT PHASE 2

SHEET NUMBER
EXHIBIT

70 WILBORN

FINAL ARCHITECTURAL & LANDSCAPING PLANS

GENERAL NOTES:

1. BASE INFORMATION INCLUDING STREETS, RIGHT-OF-WAYS, LOTS, LINES, UNDERGROUND UTILITIES AND TOPO OBTAINED FROM ORIGINAL DOCUMENT PROVIDED BY OWNER. SURCULUS LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CABLE LOCATOR SERVICE (1.800.922.0983) TO LOCATE ALL EXISTING UNDERGROUND ELECTRICAL AND TELEPHONE UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE LOCATOR SERVICE HAS COMPLETED MARKING OUT THE SITE.

3. EXISTING UNDERGROUND UTILITIES ARE NOT IDENTIFIED NOR HAVE THEY BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BOTH HORIZONTALLY & VERTICALLY OF ALL EXISTING & PROPOSED UTILITIES BEFORE COMMENCING WORK, AND HE SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES THAT ARE DISTURBED AS A RESULT OF THE WORK.

4. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS WHERE ADDITIONAL UNDERGROUND UTILITIES MAY EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES, BOTH KNOWN AND UNKNOWN. CONTRACTOR SHALL OBSERVE BEST SAFETY PRACTICES WHILE WORKING NEAR VEHICULAR TRAFFIC.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND WALKWAYS. ALL DISTURBED SOIL RESULTING FROM TRENCHING AND CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND STABILIZED. CONTRACTOR SHALL PROVIDE EROSION CONTROL AS NECESSARY UNTIL DISTURBED SOIL IS STABILIZED.

6. THE CONTRACTOR SHALL VERIFY PLANS IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

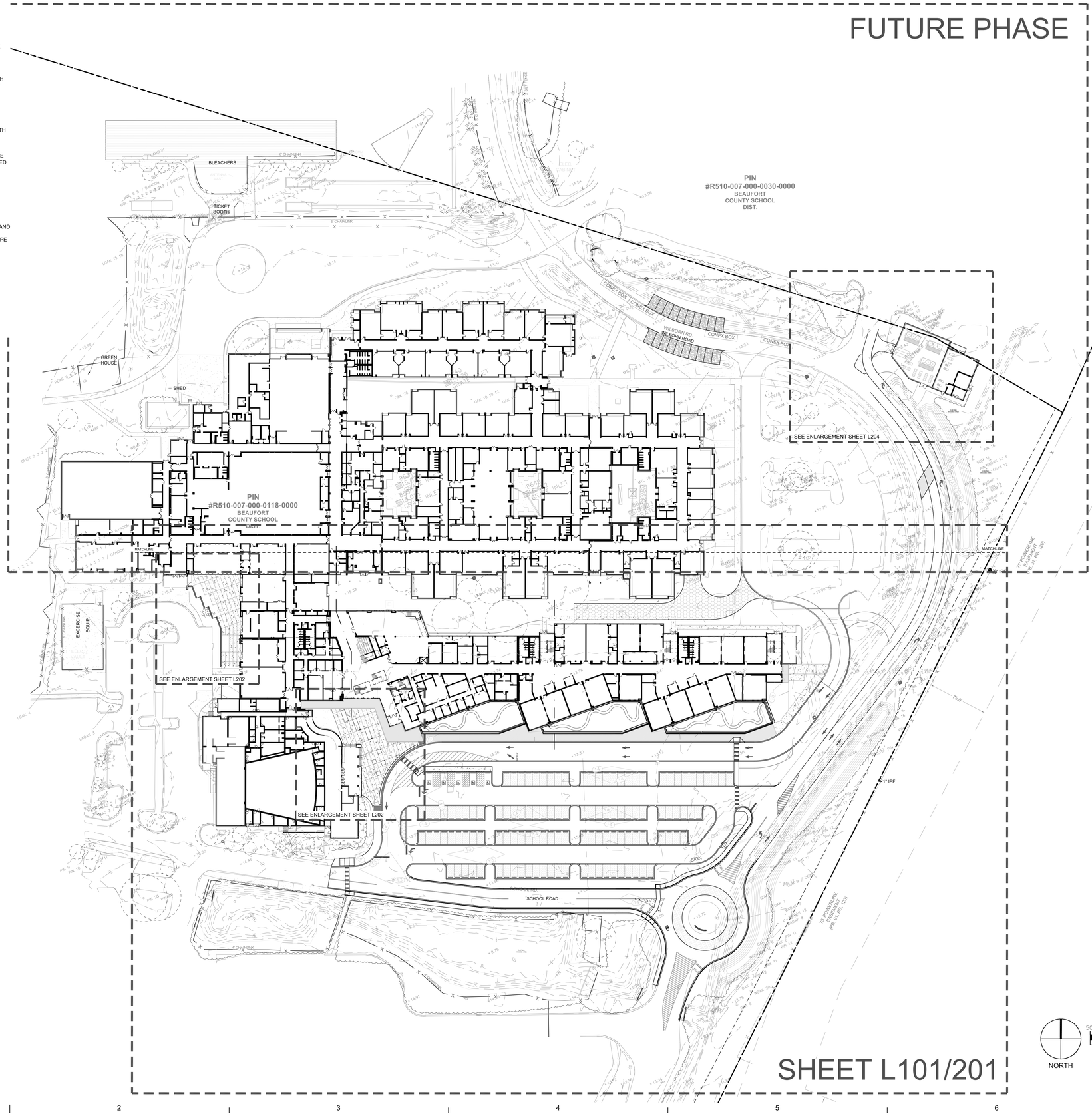
7. CONTRACTOR IS RESPONSIBLE FOR FOR VERIFYING ALL MATERIAL AND EQUIPMENT QUANTITIES. THERE SHALL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.

8. CONTRACTOR TO ENSURE PROPER WATERING OF ALL PLANT MATERIALS THROUGH INSTALLATION OF PERMANENT IRRIGATION SYSTEM. CONTRACTOR TO COORDINATION METER, BACKFLOW AND CONTROLLER LOCATIONS.

9. FINAL CLEANUP OF THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PERMITS, LICENSES AND INSURANCE TO COMPLETE WORK.

11. ALL CONSTRUCTION SHALL CONFORM WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS.



GRAPHIC SCALE
50' 0' 25' 50' 100' 200'
SCALE: 1" = 50'
NORTH

Know what's below. Call before you dig.

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RKM/EFS

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
Site
Index Plan

SHEET NUMBER
L100

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM

GENERAL NOTES:

1. BASE INFORMATION INCLUDING STREETS, RIGHT-OF-WAYS, LOTS, LINES, UNDERGROUND UTILITIES AND TOPO OBTAINED FROM ORIGINAL DOCUMENT PROVIDED BY OWNER. SURCULUS LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CABLE LOCATOR SERVICE (1.800.922.0983) TO LOCATE ALL EXISTING UNDERGROUND ELECTRICAL AND TELEPHONE UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE LOCATOR SERVICE HAS COMPLETED MARKING OUT THE SITE.

3. EXISTING UNDERGROUND UTILITIES ARE NOT IDENTIFIED NOR HAVE THEY BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BOTH HORIZONTALLY & VERTICALLY OF ALL EXISTING & PROPOSED UTILITIES BEFORE COMMENCING WORK, AND HE SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES THAT ARE DISTURBED AS A RESULT OF THE WORK.

4. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS WHERE ADDITIONAL UNDERGROUND UTILITIES MAY EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES, BOTH KNOWN AND UNKNOWN. CONTRACTOR SHALL OBSERVE BEST SAFETY PRACTICES WHILE WORKING NEAR VEHICULAR TRAFFIC.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND WALKWAYS. ALL DISTURBED SOIL RESULTING FROM TRENCHING AND CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND STABILIZED. CONTRACTOR SHALL PROVIDE EROSION CONTROL AS NECESSARY UNTIL DISTURBED SOIL IS STABILIZED.

6. THE CONTRACTOR SHALL VERIFY PLANS IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

7. CONTRACTOR IS RESPONSIBLE FOR FOR VERIFYING ALL MATERIAL AND EQUIPMENT QUANTITIES. THERE SHALL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.

8. CONTRACTOR TO ENSURE PROPER WATERING OF ALL PLANT MATERIALS THROUGH INSTALLATION OF PERMANENT IRRIGATION SYSTEM. CONTRACTOR TO COORDINATION METER, BACKFLOW AND CONTROLLER LOCATIONS.

9. FINAL CLEANUP OF THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PERMITS, LICENSES AND INSURANCE TO COMPLETE WORK.

11. ALL CONSTRUCTION SHALL CONFORM WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS.

PIN
007-000-0118-0000
BEAUFORT
COUNTY SCHOOL
DIST.

WOODED AREA

811 Know what's below. Call before you dig.

MATCHLINE

½" IRF

REINFORCED TURF FIRE ACCESS LANE

CONCRETE LANDING (TYP.)

CONCRETE LANDING (TYP.)

CONCRETE LANDING (TYP.)

CONCRETE LANDING (TYP.)

PLANTING AREA

PLANTING AREA

RIDE SERIES BIKE RACK LANDSCAPE FORMS

EXISTING TREES TO BE REPLACED

4X8 SPECIALITY PAVER CHARCOAL TABBY

4X8 SPECIALITY PAVER STORM CLOUD

PALISADE BENCH LANDSCAPE FORMS

TRASH AND RECYCLING PLEXUS

4X8 SPECIALITY PAVER CHARCOAL TABBY

4X8 SPECIALITY PAVER STORM CLOUD

4X8 SPECIALITY PAVER CHARLESTON PEARL

TRASH AND RECYCLING PLEXUS

SALT VOID CONCRETE PAVING WITH SAW CUT JOINTS

(2) 4" SCHEDULE 40 PVC CONDUIT

RIDE SERIES BIKE RACK LANDSCAPE FORMS

BIOSWALE PLANTING AREA

BIOSWALE PLANTING AREA

BIOSWALE PLANTING AREA

PLANTING AREA

75.0'

PALISADE BENCH LANDSCAPE FORMS

4X8 SPECIALITY PAVER WITH HEADER BORDER

SALT VOID CONCRETE

EXISTING PALMS TO BE REPLACED

20" SEAT WALL - TABBY FINISH WITH PRECAST CAP

SALT VOID CONCRETE PAVING WITH SAW CUT JOINTS

PLANTING AREA

PLANTING AREA

PLANTING AREA

PLANTING AREA

LIGHT BOLLARD NORTHPORT

FLAG POLE BASE (TYP.)

1" IPF

PLANTING AREA

PLANTING AREA

(2) 4" SCHEDULE 40 PVC CONDUIT

PLANTING AREA

SCHOOL RD.

SCHOOL ROAD

(2) 4" SCHEDULE 40 PVC CONDUIT

VEHICULAR CONCRETE PAVERS MATCH FINISH TO PARKING

PLANTING AREA

75' POWERLINE EASEMENT (PB. 91, PG. 120)

4' CHAINLINK

EXISTING WOODED AREA

MONUMENT SIGNAGE TBD CONTRACTOR TO PROVIDE POWER

4' CHAINLINK

NORTH

GRAPHIC SCALE

30' 0' 15' 30' 60' 120'

SCALE: 1" = 30'

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
SURCULUS, LLC
LA No. 353

SOUTH CAROLINA REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RKM/EFS

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
Site Plan

SHEET NUMBER
L101

GENERAL NOTES:

1. BASE INFORMATION INCLUDING STREETS, RIGHT-OF-WAYS, LOTS, LINES, UNDERGROUND UTILITIES AND TOPO OBTAINED FROM ORIGINAL DOCUMENT PROVIDED BY OWNER. SURCULUS LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CABLE LOCATOR SERVICE (1.800.922.0983) TO LOCATE ALL EXISTING UNDERGROUND ELECTRICAL AND TELEPHONE UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE LOCATOR SERVICE HAS COMPLETED MARKING OUT THE SITE.

3. EXISTING UNDERGROUND UTILITIES ARE NOT IDENTIFIED NOR HAVE THEY BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BOTH HORIZONTALLY & VERTICALLY OF ALL EXISTING & PROPOSED UTILITIES BEFORE COMMENCING WORK, AND HE SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES THAT ARE DISTURBED AS A RESULT OF THE WORK.

4. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS WHERE ADDITIONAL UNDERGROUND UTILITIES MAY EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES, BOTH KNOWN AND UNKNOWN. CONTRACTOR SHALL OBSERVE BEST SAFETY PRACTICES WHILE WORKING NEAR VEHICULAR TRAFFIC.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND WALKWAYS. ALL DISTURBED SOIL RESULTING FROM TRENCHING AND CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND STABILIZED. CONTRACTOR SHALL PROVIDE EROSION CONTROL AS NECESSARY UNTIL DISTURBED SOIL IS STABILIZED.

6. THE CONTRACTOR SHALL VERIFY PLANS IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

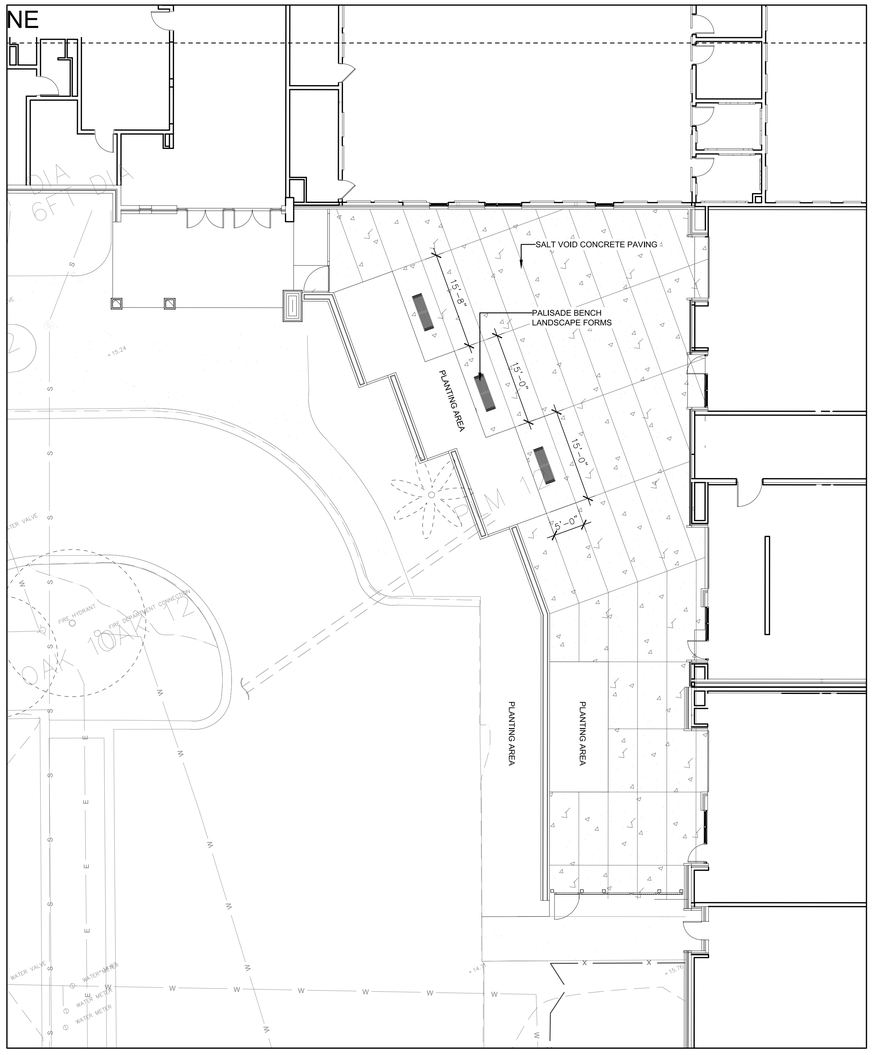
7. CONTRACTOR IS RESPONSIBLE FOR FOR VERIFYING ALL MATERIAL AND EQUIPMENT QUANTITIES. THERE SHALL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.

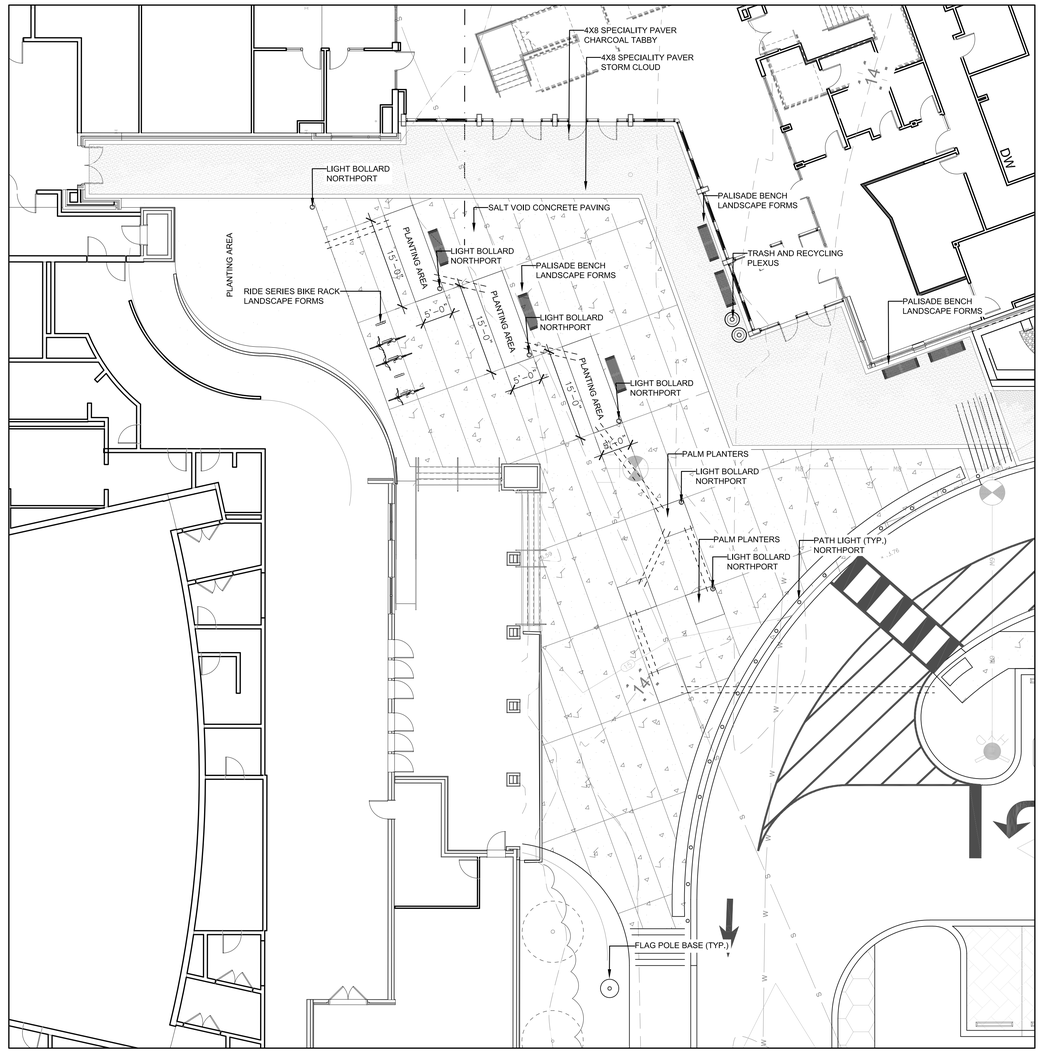
8. CONTRACTOR TO ENSURE PROPER WATERING OF ALL PLANT MATERIALS THROUGH INSTALLATION OF PERMANENT IRRIGATION SYSTEM. CONTRACTOR TO COORDINATION METER, BACKFLOW AND CONTROLLER LOCATIONS.

9. FINAL CLEANUP OF THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PERMITS, LICENSES AND INSURANCE TO COMPLETE WORK.

11. ALL CONSTRUCTION SHALL CONFORM WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS.





GRAPHIC SCALE
10' 0' 5' 10' 20' 40'
SCALE: 1" = 10'
NORTH

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RKM/EFS

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
Site Plan

SHEET NUMBER
L102

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM

GENERAL NOTES:

1. BASE INFORMATION INCLUDING STREETS, RIGHT-OF-WAYS, LOTS, LINES, UNDERGROUND UTILITIES AND TOPO OBTAINED FROM ORIGINAL DOCUMENT PROVIDED BY OWNER. SURCULUS LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CABLE LOCATOR SERVICE (1.800.922.0983) TO LOCATE ALL EXISTING UNDERGROUND ELECTRICAL AND TELEPHONE UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE LOCATOR SERVICE HAS COMPLETED MARKING OUT THE SITE.

3. EXISTING UNDERGROUND UTILITIES ARE NOT IDENTIFIED NOR HAVE THEY BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BOTH HORIZONTALLY & VERTICALLY OF ALL EXISTING & PROPOSED UTILITIES BEFORE COMMENCING WORK, AND HE SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES THAT ARE DISTURBED AS A RESULT OF THE WORK.

4. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS WHERE ADDITIONAL UNDERGROUND UTILITIES MAY EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES, BOTH KNOWN AND UNKNOWN. CONTRACTOR SHALL OBSERVE BEST SAFETY PRACTICES WHILE WORKING NEAR VEHICULAR TRAFFIC.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND WALKWAYS. ALL DISTURBED SOIL RESULTING FROM TRENCHING AND CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND STABILIZED. CONTRACTOR SHALL PROVIDE EROSION CONTROL AS NECESSARY UNTIL DISTURBED SOIL IS STABILIZED.

6. THE CONTRACTOR SHALL VERIFY PLANS IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

7. CONTRACTOR IS RESPONSIBLE FOR FOR VERIFYING ALL MATERIAL AND EQUIPMENT QUANTITIES. THERE SHALL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.

8. CONTRACTOR TO ENSURE PROPER WATERING OF ALL PLANT MATERIALS THROUGH INSTALLATION OF PERMANENT IRRIGATION SYSTEM. CONTRACTOR TO COORDINATION METER, BACKFLOW AND CONTROLLER LOCATIONS.

9. FINAL CLEANUP OF THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PERMITS, LICENSES AND INSURANCE TO COMPLETE WORK.

11. ALL CONSTRUCTION SHALL CONFORM WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS.

PIN
07-000-0118-0000
BEAUFORT
INTY SCHOOL
DIST.

811
Know what's below.
Call before you dig.

MATCHLINE

EXISTING TREES TO REMAIN

STEEL EDGE (TYP.)
1 GALLON PERENNIAL MIX
5 ILVN
10 ONOS
6 MUHF
4 ONOS
8 MUHF
4 ILVN
1 GALLON GROUND COVER (TYP.)
8 MUHF
2 SABM
3 MUHF
5 ONOS
TURF AREA
SOD
3 SABP
9 SABP
7 ILLF
STEEL EDGE (TYP.)
7 SORN
6 MUHF
7 ILVN
3 MYRC
1 GALLON GROUND COVER (TYP.)
10 SORN
1 MAGB

SEE ENLARGEMENT FOR BIOSWALE PLANTING

12 SORN
12 MUHF
9 MYRC
17 VIBS
18 PANV
20 VIBS
9 SORN
9 MUHF
STEEL EDGE
SOD
1 QUPQ
2 QUNO
1 QUNO
3 SABP
TURF AREA
39 MUHF
39 SORN
SCHOOL RD.
SCHOOL ROAD
12 MUHF
HYDRO-SEED ROAD SHOULDER TO EXTENT OF LAND DISTURBANCE
24 OSMC
1 QUVI
10 ONOS
11 QUEV

EXISTING WOODED AREA
4' CHAINLINK
75' POWERLINE EASEMENT (PB. 91, PG. 120)
½" IRF
1" IPF
75.0'

GRAPHIC SCALE
30' 0' 15' 30' 60' 120'
SCALE: 1" = 30'
NORTH

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RKM/EFS

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
Planting Plan

SHEET NUMBER
L201

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM

GENERAL NOTES:

1. BASE INFORMATION INCLUDING STREETS, RIGHT-OF-WAYS, LOTS, LINES, UNDERGROUND UTILITIES AND TOPO OBTAINED FROM ORIGINAL DOCUMENT PROVIDED BY OWNER. SURCULUS LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CABLE LOCATOR SERVICE (1.800.922.0983) TO LOCATE ALL EXISTING UNDERGROUND ELECTRICAL AND TELEPHONE UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE LOCATOR SERVICE HAS COMPLETED MARKING OUT THE SITE.

3. EXISTING UNDERGROUND UTILITIES ARE NOT IDENTIFIED NOR HAVE THEY BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BOTH HORIZONTALLY & VERTICALLY OF ALL EXISTING & PROPOSED UTILITIES BEFORE COMMENCING WORK, AND HE SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES THAT ARE DISTURBED AS A RESULT OF THE WORK.

4. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS WHERE ADDITIONAL UNDERGROUND UTILITIES MAY EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES, BOTH KNOWN AND UNKNOWN. CONTRACTOR SHALL OBSERVE BEST SAFETY PRACTICES WHILE WORKING NEAR VEHICULAR TRAFFIC.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND WALKWAYS. ALL DISTURBED SOIL RESULTING FROM TRENCHING AND CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND STABILIZED. CONTRACTOR SHALL PROVIDE EROSION CONTROL AS NECESSARY UNTIL DISTURBED SOIL IS STABILIZED.

6. THE CONTRACTOR SHALL VERIFY PLANS IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

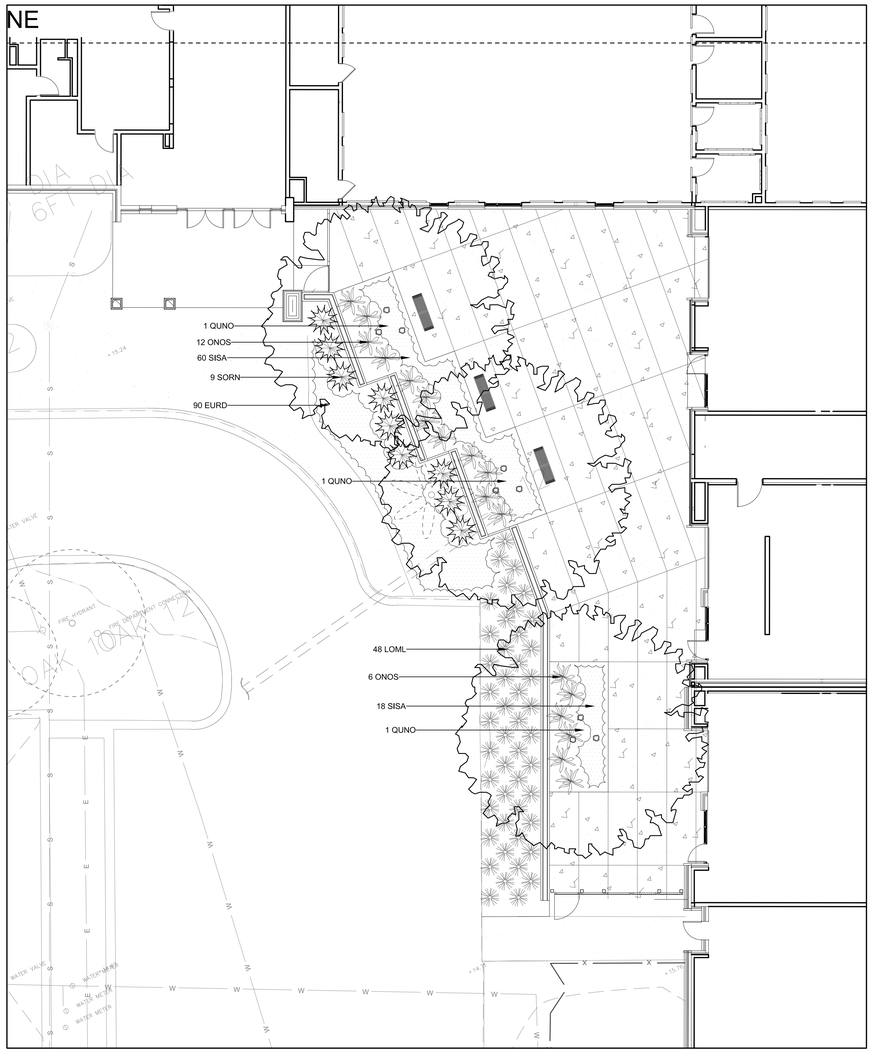
7. CONTRACTOR IS RESPONSIBLE FOR FOR VERIFYING ALL MATERIAL AND EQUIPMENT QUANTITIES. THERE SHALL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.

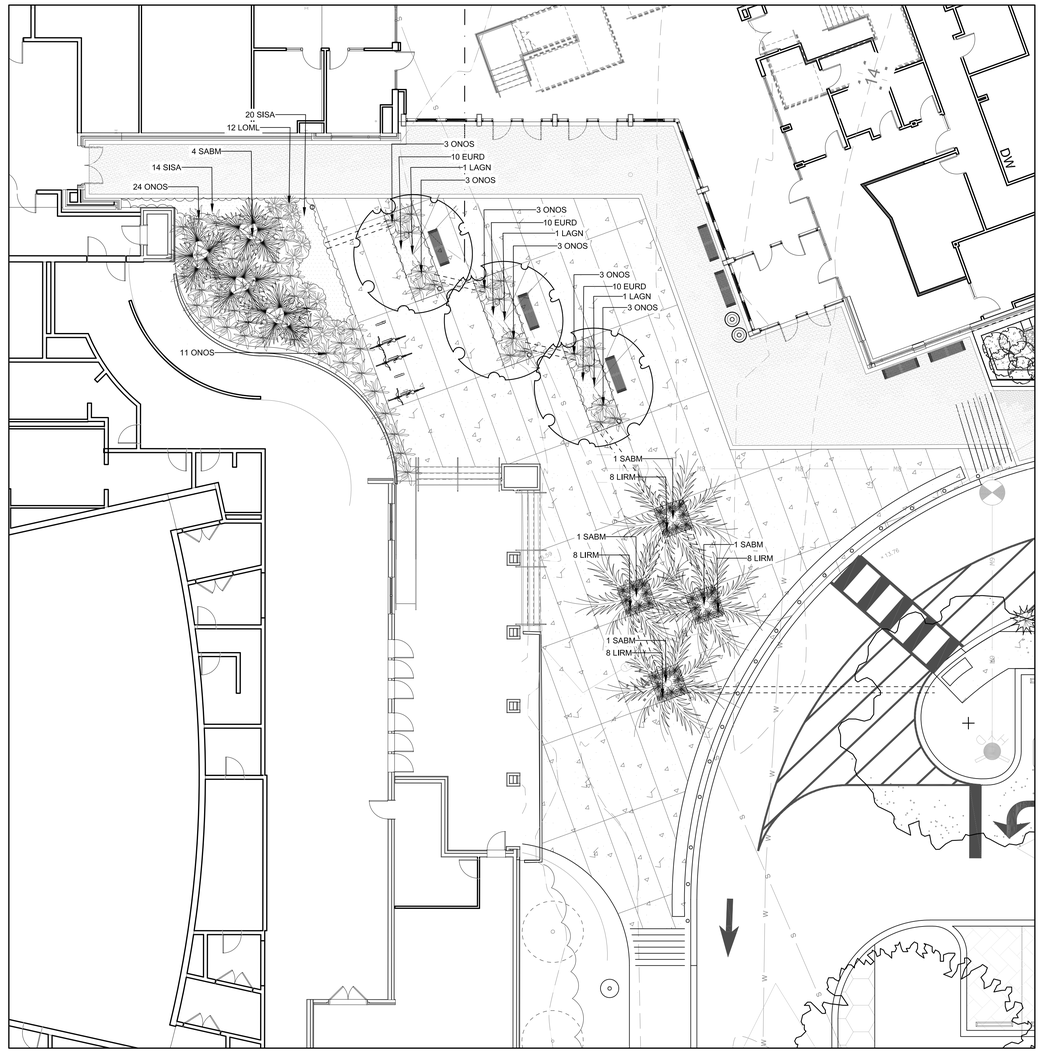
8. CONTRACTOR TO ENSURE PROPER WATERING OF ALL PLANT MATERIALS THROUGH INSTALLATION OF PERMANENT IRRIGATION SYSTEM. CONTRACTOR TO COORDINATION METER, BACKFLOW AND CONTROLLER LOCATIONS.

9. FINAL CLEANUP OF THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PERMITS, LICENSES AND INSURANCE TO COMPLETE WORK.

11. ALL CONSTRUCTION SHALL CONFORM WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS.





NORTH

GRAPHIC SCALE
10' 0' 5' 10' 20' 40'
SCALE: 1" = 10'

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RKM/EFS

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
Site Plan

SHEET NUMBER
L202

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM

GENERAL NOTES:

1. BASE INFORMATION INCLUDING STREETS, RIGHT-OF-WAYS, LOTS, LINES, UNDERGROUND UTILITIES AND TOPO OBTAINED FROM ORIGINAL DOCUMENT PROVIDED BY OWNER, SURCULUS LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CABLE LOCATOR SERVICE (1.800.922.0983) TO LOCATE ALL EXISTING UNDERGROUND ELECTRICAL AND TELEPHONE UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE LOCATOR SERVICE HAS COMPLETED MARKING OUT THE SITE.

3. EXISTING UNDERGROUND UTILITIES ARE NOT IDENTIFIED NOR HAVE THEY BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BOTH HORIZONTALLY & VERTICALLY OF ALL EXISTING & PROPOSED UTILITIES BEFORE COMMENCING WORK, AND HE SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES THAT ARE DISTURBED AS A RESULT OF THE WORK.

4. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS WHERE ADDITIONAL UNDERGROUND UTILITIES MAY EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES, BOTH KNOWN AND UNKNOWN. CONTRACTOR SHALL OBSERVE BEST SAFETY PRACTICES WHILE WORKING NEAR VEHICULAR TRAFFIC.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND WALKWAYS. ALL DISTURBED SOIL RESULTING FROM TRENCHING AND CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND STABILIZED. CONTRACTOR SHALL PROVIDE EROSION CONTROL AS NECESSARY UNTIL DISTURBED SOIL IS STABILIZED.

6. THE CONTRACTOR SHALL VERIFY PLANS IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

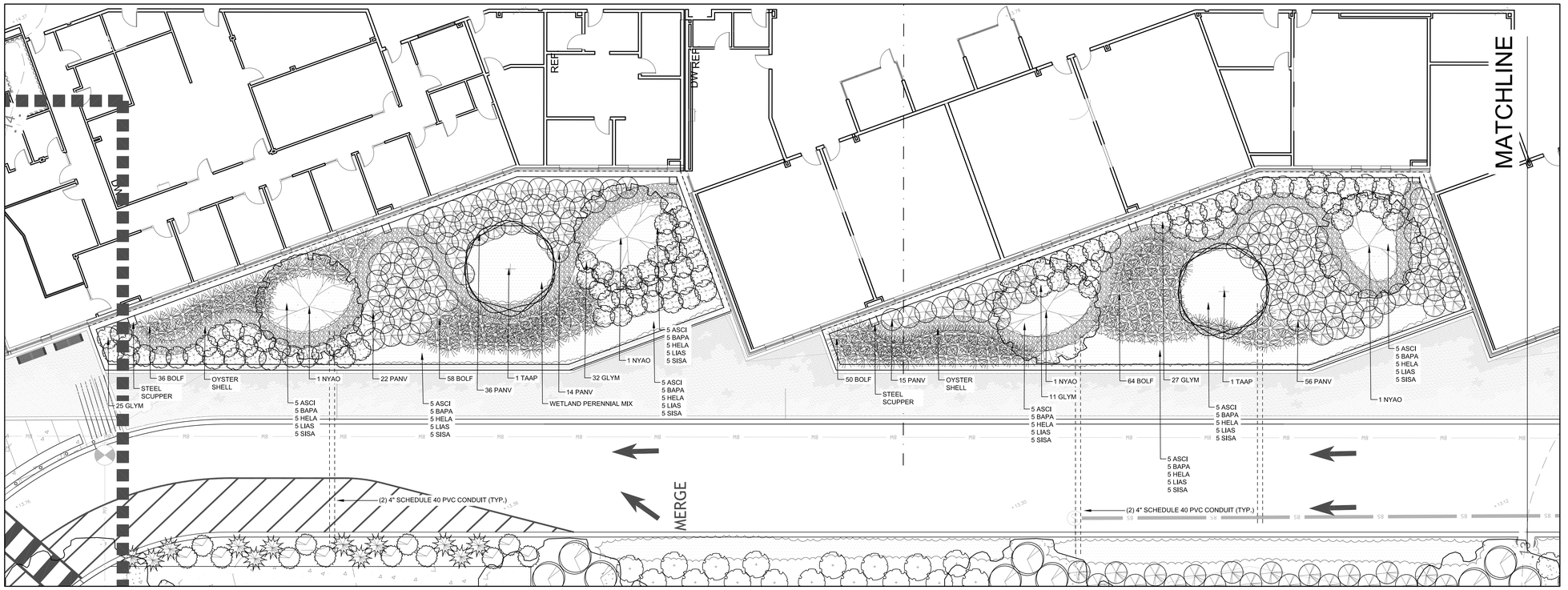
7. CONTRACTOR IS RESPONSIBLE FOR FOR VERIFYING ALL MATERIAL AND EQUIPMENT QUANTITIES. THERE SHALL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.

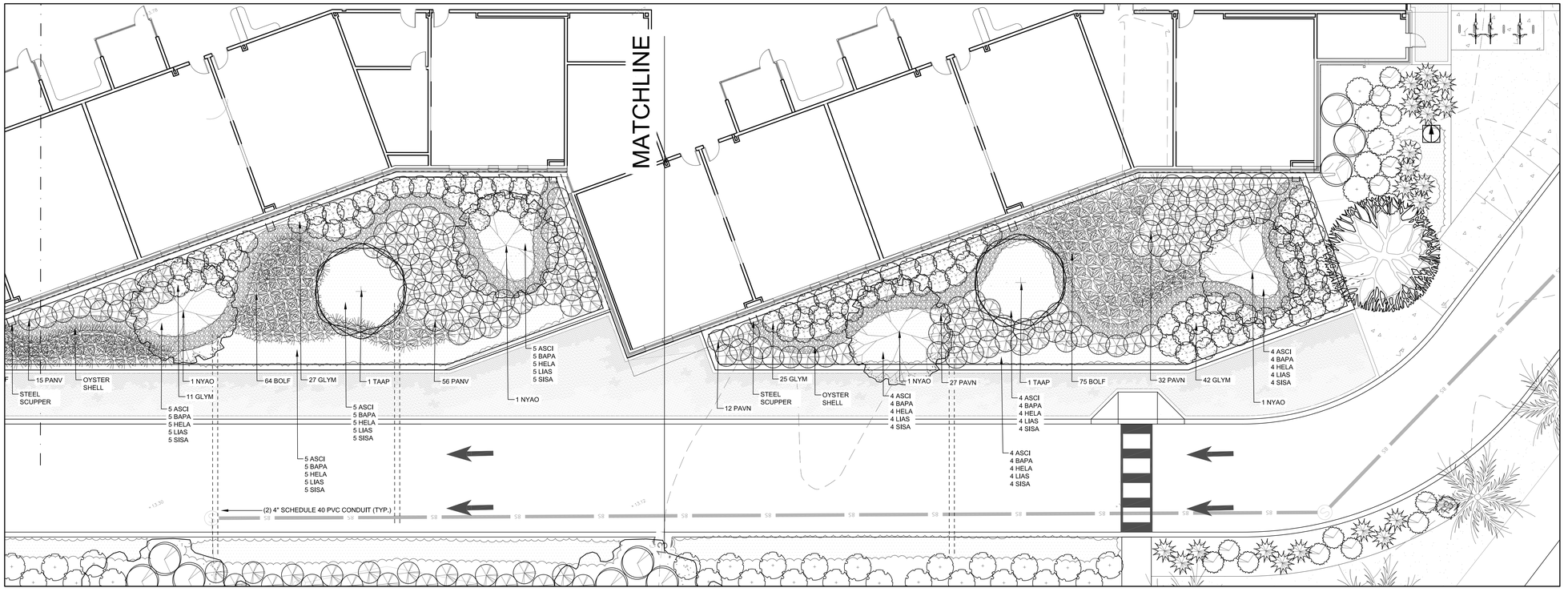
8. CONTRACTOR TO ENSURE PROPER WATERING OF ALL PLANT MATERIALS THROUGH INSTALLATION OF PERMANENT IRRIGATION SYSTEM. CONTRACTOR TO COORDINATION METER, BACKFLOW AND CONTROLLER LOCATIONS.

9. FINAL CLEANUP OF THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PERMITS, LICENSES AND INSURANCE TO COMPLETE WORK.

11. ALL CONSTRUCTION SHALL CONFORM WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS.





GRAPHIC SCALE
10' 0' 5' 10' 20' 40'
SCALE: 1" = 10'
NORTH

Know what's below. Call before you dig.

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR:
CONSTRUCTION DOCUMENTS

ISSUE DATE:
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE: Don Baus
PROJECT MANAGER: Chris Tymoff
DESIGN TEAM: RKM/EFS

PROJECT NAME:
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.:
4001848600

SHEET TITLE:
Planting Plan

SHEET NUMBER:
L203

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\SubFolder\######## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM

GENERAL NOTES:

1. BASE INFORMATION INCLUDING STREETS, RIGHT-OF-WAYS, LOTS, LINES, UNDERGROUND UTILITIES AND TOPO OBTAINED FROM ORIGINAL DOCUMENT PROVIDED BY OWNER. SURCULUS LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CABLE LOCATOR SERVICE (1.800.922.0983) TO LOCATE ALL EXISTING UNDERGROUND ELECTRICAL AND TELEPHONE UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE LOCATOR SERVICE HAS COMPLETED MARKING OUT THE SITE.

3. EXISTING UNDERGROUND UTILITIES ARE NOT IDENTIFIED NOR HAVE THEY BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BOTH HORIZONTALLY & VERTICALLY OF ALL EXISTING & PROPOSED UTILITIES BEFORE COMMENCING WORK, AND HE SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES THAT ARE DISTURBED AS A RESULT OF THE WORK.

4. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS WHERE ADDITIONAL UNDERGROUND UTILITIES MAY EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES, BOTH KNOWN AND UNKNOWN. CONTRACTOR SHALL OBSERVE BEST SAFETY PRACTICES WHILE WORKING NEAR VEHICULAR TRAFFIC.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND WALKWAYS. ALL DISTURBED SOIL RESULTING FROM TRENCHING AND CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND STABILIZED. CONTRACTOR SHALL PROVIDE EROSION CONTROL AS NECESSARY UNTIL DISTURBED SOIL IS STABILIZED.

6. THE CONTRACTOR SHALL VERIFY PLANS IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

7. CONTRACTOR IS RESPONSIBLE FOR FOR VERIFYING ALL MATERIAL AND EQUIPMENT QUANTITIES. THERE SHALL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.

8. CONTRACTOR TO ENSURE PROPER WATERING OF ALL PLANT MATERIALS THROUGH INSTALLATION OF PERMANENT IRRIGATION SYSTEM. CONTRACTOR TO COORDINATION METER, BACKFLOW AND CONTROLLER LOCATIONS.

9. FINAL CLEANUP OF THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PERMITS, LICENSES AND INSURANCE TO COMPLETE WORK.

11. ALL CONSTRUCTION SHALL CONFORM WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS.

EXISTING WOODED AREA

3 JUNV

3 JUNV

26 VIBS

6 VIBS

HYDRO-SEED DISTRUBED SOIL AREAS FOR STABILIZATION

EXISTING WOODED AREA

CONEX BOX

CONEX BOX

NORTH

GRAPHIC SCALE

10' 0' 5' 10' 20' 40'

SCALE: 1" = 10'

811 Know what's below. Call before you dig.

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RKM/EFS

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

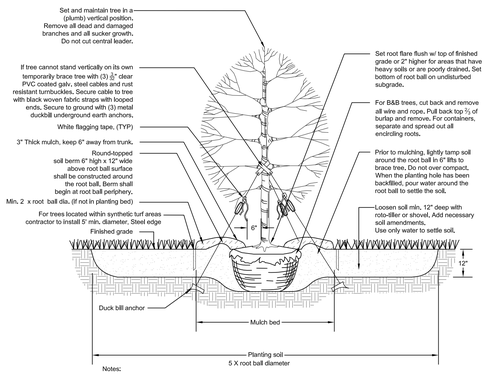
PROJECT NO.
4001848600

SHEET TITLE
Planting Plan

SHEET NUMBER
L204

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\

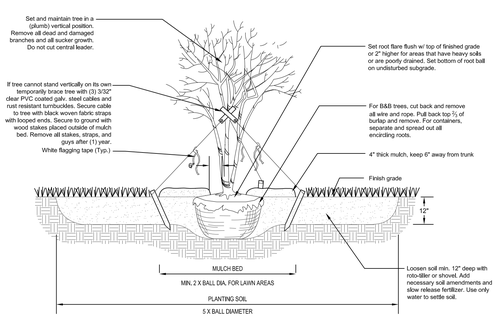
6/22/2023 4:06:03 PM



Notes:
1. Locate guys within plant beds
2. All cable clamps and bolts shall be rust resistant
3. Remove all anchors, straps, and guys after one (1) year.

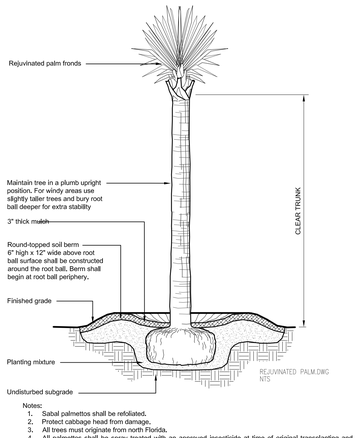
1 TREE PLANTING DETAIL

NTS



2 MULTI-TRUNK TREE PLANTING DETAIL

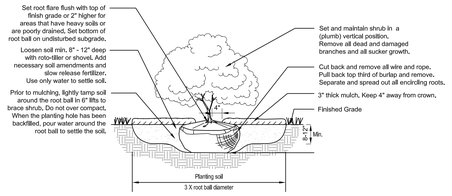
NTS



Notes:
1. Sabal palmettos shall be refoliated.
2. Protect cabbage head from damage.
3. All trees must originate from north Florida.
4. All palmettos shall be spray treated with an approved insecticide at time of original transplanting and again at time of planting.
5. Trunks of palmettos shall be nearly uniform in size over entire height and shall be free of old frond stubs, fire black, and other damage.

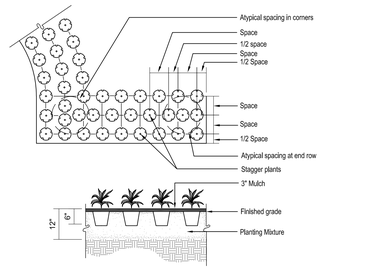
3 REJUVINATED PALM PLANTING DETAIL

NTS



4 SHRUB PLANTING DETAIL

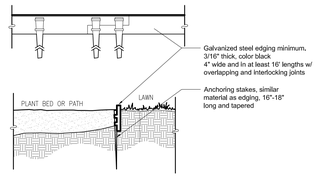
NTS



Notes:
1. Place plants in bed as shown, spacing as specified in plant schedule
2. Groundcover shall be triangular spaced in rows parallel to straight edges and shall be evenly spaced in rows parallel to curved edges.
3. Settle soil around root ball of each groundcover prior to mulching.

5 GROUNDCOVER & PERENNIAL PLANTING DETAIL

NTS



NOTES:
1. Radii shall be a minimum of 5' unless otherwise indicated.
2. Refer to specifications for more detailed intructions.

6 STEEL EDGING DETAIL

NTS S_STEELEDGE.DWG
SCALE:1"=1'-0"

IRRIGATION NOTES:

ALL PROPOSED PLANTINGS TO RECEIVE IRRIGATION THROUGH INSTALLATION OF A TEMPORARY IRRIGATION SYSTEM MEETING THE REQUIREMENTS OUTLINED BELOW. AFTER ONE YEAR OF PLANT ESTABLISHMENT THE SYSTEM SHALL BE REMOVED BY THE CONTRACTOR WITH ALL WORK COORDINATED WITH CCSD. CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE DESIGN, MATERIALS AND LABOR TO INSTALL. CONTRACTOR TO SUBMIT COMPLETED DESIGN TO OWNER AND LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. THE IRRIGATION SYSTEM SHALL MEET THE FOLLOWING REQUIREMENTS:

1. CONTRACTOR SHALL TIE THE PROPOSED IRRIGATION INTO THE PROPOSED DOMESTIC WATER SYSTEM.
2. THE IRRIGATION SYSTEM SHALL BE CONTROLLED BY AN AUTOMATED IRRIGATION CONTROLLER THAT OPERATES SOLENOID VALVES. THE CONTRACTOR SHALL COORDINATE WITH OWNER TO PROVIDE POWER TO THE CONTROLLER. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE COST TO PROVIDE POWER TO THE CONTROLLER LOCATION AND PROVIDE AND INSTALL THE CONTROLLER.
3. CONTROLLER TYPE AND SIZE SHALL BE PER HILTON HEAD ISLAND GUIDELINES AND SUBMITTED FOR REVIEW PRIOR TO INSTALLATION. CONTROLLER SHALL BE MOUNTED IN A MANNER ACCEPTABLE TO PROJECT OWNER. SYSTEM TO INCLUDE AUTOMATIC RAIN SHUTOFF.
4. SOD AREAS AND BED AREAS SHALL BE ON SEPARATE ZONES. BED AREAS SHALL BE PROVIDED WITH A DRIP IRRIGATION SYSTEM, AND SOD AREAS SHALL BE PROVIDED WITH SPRAY IRRIGATION. ALL HEADS LOCATED IN SOD AREA SHALL BE POP UP SPRAY OR ROTOR HEADS.
5. IRRIGATION MAINLINES AND LATERALS SHALL BE SCHEDULE 40 PVC PIPE. MINIMUM MAINLINE SIZE SHALL BE 2 1/2"AND MINIMUM LATERAL SIZE SHALL BE 3/4".
6. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH AN IRRIGATION PLAN FOR APPROVAL PRIOR TO INSTALLATION. THE SYSTEM SHALL FULLY FUNCTION TO PROVIDE UNIFORM COVERAGE TO THE SATISFACTION OF THE OWNER. FLOW VELOCITY IN ALL PIPES SHALL BE KEPT UNDER 5 FPS AND MAINLINE PRESSURE SHALL BE ADJUSTED TO BE BETWEEN 30 PSI AND 50 PSI. ADJUSTMENT AT EACH VALVE SHALL BE MADE SO THAT PRESSURE IS DELIVERED TO THE SPRAY HEADS AT THE MANUFACTURER'S RECOMMENDED OPERATING PRESSURE.
7. WHERE APPLICABLE THE CONTRACTOR SHALL LAY IRRIGATION LATERAL LINES ABOVE GRADE AND PINNED IN PLACE SO THAT THEY MAY BE REMOVED AT A LATER DATE.
8. THE CONTRACTOR SHALL INITIALLY SET THE PROGRAM TIMES IN A MANNER TO BE AGREED UPON BY THE CONTRACTOR AND OWNER. CONTRACTOR IS RESPONSIBLE FOR ADJUSTMENTS TO WATERING TIMES THEREAFTER UNTIL TURNING THE PROJECT OVER TO THE OWNER AT FINAL ACCEPTANCE.
9. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A SET OF 'AS-BUILT' PLANS AFTER IRRIGATION SYSTEM INSTALLATION.
10. THE CONTRACTOR SHALL WARRANTY THE IRRIGATION SYSTEM FOR A PERIOD OF ONE (1) YEAR AFTER FINAL COMPLETION AGAINST POOR WORKMANSHIP AND PRODUCT DEFECTS.
11. ALL WORK SHALL BE IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS AND GUIDELINES.
12. ALL TREES IN PARKING AREAS SHALL HAVE DRIP IRRIGATION INSTALLED AND MAINTAINED BY CONTRACTOR THROUGH CONSTRUCTION CLOSE-OUT.

MAINTENANCE NOTE:

MAINTENANCE OF REQUIRED LANDSCAPED AREAS IS THE RESPONSIBILITY OF THE PROPERTY OWNER. ALL SUCH AREAS SHALL BE PROPERLY MAINTAINED SO AS TO ENSURE THE SURVIVAL AND AESTHETIC VALUE OF THE LANDSCAPING AND SHALL BE PROVIDED WITH AN IRRIGATION SYSTEM OR READILY-AVAILABLE WATER SUPPLY. FAILURE TO MONITOR SUCH AREAS IS A VIOLATION OF THE CITY'S ORDINANCE AND MAY BE REMEDIED IN THE MANNER PRESCRIBED FOR OTHER VIOLATIONS.

GENERAL NOTES:

1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BOTH HORIZONTALLY & VERTICALLY OF ALL EXISTING & PROPOSED UTILITIES BEFORE COMMENCING WORK, AND HE SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES THAT ARE DISTURBED AS A RESULT OF THE WORK.
2. ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION INSIDE OR OUTSIDE OF THE LIMIT OF WORK SHALL BE REPAIRED, GRADED AND GRASSED. SEE CIVIL DRAWINGS FOR SEEDING SCHEDULE.
3. PINESTRAW MULCH SHALL BE APPLIED AT A MINIMUM DEPTH OF 3" TO ALL BUFFER AREAS AND OTHER PLANTING BEDS. TREES PLACED IN GRASSED AREAS (SEED OR SOD) AND OUTSIDE OF THE LIMITS OF DISTURBANCE SHALL RECEIVE A 5' DIAMETER MULCH RING AT A MINIMUM DEPTH OF 3". SHRUBS LOCATED IN THESE AREAS SHALL RECEIVE A 3' DIAMETER MULCH RING AT A MINIMUM DEPTH OF 3".
4. PROVIDE EROSION CONTROL WHERE SLOPES ARE GREATER THAN 3:1 AND WHERE EROSION KEEPS RE-OCCURRING.
5. ALL TREE, SHRUB, AND GROUNDCOVER MATERIAL SHALL BE PLANTED WITHIN 24 HOURS OF DELIVERY.
6. ANY PLANTS LOCATED IN DIRECT SUN SHALL BE NURSERY SUN GROWN.
7. ALL PLANT MATERIAL TO MEET OR EXCEED AAN STANDARDS.
8. ALL TREES TO BE PLANTED FOLLOWING ACCEPTED HORTICULTURAL PRACTICES. PLANTING HOLES TO BE BACKFILLED WITH 1/3 COMPOST. DO NOT APPLY FERTILIZER AT PLANTING.
9. ALL SHRUBS, GRASSES AND GROUNDCOVERS TO BE SURFACE FERTILIZED WITH OSMOCOTE SLOW-RELEASE FERTILIZER ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY LICENSES AND INSURANCE TO COMPLETE WORK.
11. FINAL CLEANUP OF SITE AS A RESULT OF LANDSCAPE OPERATIONS AND ALL FINE GRADING SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
12. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE.
13. ALL PLANT MATERIAL, IRRIGATION, AND WORKMANSHIP TO BE GUARANTEED FOR ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER OR OWNER'S REPRESENTATIVE.
14. CONTRACTOR TO MAINTAIN ALL PLANTBEDS, IRRIGATION, AND PLANT LIFE UNTIL FINAL ACCEPTANCE OF LANDSCAPE. WARRANTY PERIOD OF ONE YEAR FOR PLANT MATERIALS BEGINS WHEN COMPLETION OF ALL PUNCH LIST ITEMS AND FINAL ACCEPTANCE OF LANDSCAPE HAVE BEEN APPROVED.
15. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
16. STAKING ONLY REQUIRED AS DEEMED NECESSARY BY THE LANDSCAPE CONTRACTOR.
17. THERE SHALL BE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS WITHOUT WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
18. ALL CONSTRUCTION SHALL CONFORM TO COUNTY, STATE, AND FEDERAL REQUIREMENTS.

SOIL PREPARATION NOTES

1. SOIL PREPARATION OF A LANDSCAPE IS A CRITICAL FACTOR IN CREATING A HEALTHY AND LONG-LASTING LANDSCAPE. REMOVE EXISTING TOPSOIL AND STOCKPILE ON SITE. TOPSOIL TO BE INCORPORATED BACK INTO THE SOIL AT A LATER DATE. CONTRACTOR SHALL CONDUCT A SOIL EVALUATION TO DETERMINE THE SOIL'S COMPOSITION, COMPACTION RATE, NUTRIENT QUANTITIES, ORGANIC CONTENT, pH LEVELS, AND WATER HOLDING CAPABILITIES.
2. PRIOR TO INSTALLATION OF THE LANDSCAPE, CONTRACTOR TO PREPARE SOIL TO ENSURE A PROPER ENVIRONMENT FOR PLANT ROOT DEVELOPMENT.
3. CONTRACTOR SHALL DE-COMPACT SOILS IN PLANT BEDS AND LAWN AREAS BY ROTO-TILLING, DISKING, OR RIPPING TO A DEPTH OF 6" MINIMUM". DE-COMPACTION OF SMALL PLANTER AREAS, SUCH AS THOSE IN PARKING LOT AREAS, MAY REQUIRE REMOVAL OF THE COMPACTED SOIL TO A DEPTH OF 18" OR MORE AND THEN RE-INSTALLED LOOSELY WITH REQUIRED AMENDMENTS. ALWAYS REMOVE DEBRIS OVER 2" IN SIZE FROM THE SOIL, DO NOT USE THESE METHODS WITHIN THE DRIPLINE OF EXISTING TREES. SOIL COMPACTION WITHIN DRIPLINE, OF TREES, SHALL BE MITIGATED BY AND PERFORMED BY AN ISA CERTIFIED ARBORIST USING AN AIR SPADE. ISA CERTIFIED ARBORIST SHALL REQUEST APPROVAL OF AREA FOR AIR SPADING DURING THE WALK THROUGH.
4. WHEN PERFORMING SOIL DE-COMPACTION, MULTIPLE PASSES ACROSS THE AREA WILL BE REQUIRED AND, WHEN POSSIBLE, SHOULD BE AT VARYING ANGLES TO ENSURE ADEQUATE COVERAGE. WHEN USING DISC OR RIPPING EQUIPMENT, IT IS REQUIRED THAT THE FINAL PASSES OVER THE AREA BE MADE WITH A ROTO-TILLER TO BREAK UP ANY LARGE CLUMPS TO MAKE FINAL GRADING EASIER.
5. AFTER INITIAL SOIL DE-COMPACTION PROCEDURES ARE PERFORMED, SOIL AMENDMENTS SHOULD BE ADDED.
6. ALL AMENDMENTS SHALL BE MIXED THOROUGHLY WITH EXISTING SOIL TO ENSURE PROPER SOIL CONDITIONS PRIOR TO PLANTING BY TILLING TO A DEPTH OF SIX INCHES. A. ADD ORGANIC MATTER AMENDMENTS AS DETERMINED BY SOIL ANALYSIS B. REPEAT PROCESS UNTIL FINISH GRADE IS REACHED OR AN EIGHT INCH DEPTH OF ORGANIC MATTER AMENDMENTS HAS BEEN APPLIED. C. SUB-GRADE SOIL SHALL BE TESTED BY A LICENSED SOIL LABORATORY TO DETERMINE SOIL MECHANICAL CHARACTERISTICS AND FERTILITY APPROPRIATE FOR ORNAMENTAL PLANT GROWTH. FERTILIZER AND OTHER SOIL ADDITIVES SHALL BE ADDED PER SOIL LABORATORY RECOMMENDATIONS.
7. DURING THE REMAINDER OF THE LANDSCAPE INSTALLATION, VARIOUS AREAS OF THE SITE MAY BE RE-COMPACTED DUE TO THE USE OF EQUIPMENT AND VEHICLES. THIS COMPACTION IS TYPICALLY LIMITED TO THE UPPER 4-6" OF SOIL. PRIOR TO THE INSTALLATION OF PLANT MATERIAL IN THESE AREAS, THE COMPACTION SHALL BE REDUCED TO 80% OR LESS USING PREVIOUSLY DESCRIBED METHODS.

MAINTENANCE NOTES:

1. THE CONTRACTOR IS REQUIRED TO MAINTAIN THE LANDSCAPE DURING THE SUBSTANTIAL COMPLETION OF THE PROJECT UNTIL OWNER TAKES POSSESSION OF THE PROJECT.
2. MAINTENANCE TO INCLUDE WATERING, PRUNING, EDGING OF LAWN AREAS, MOWING, LEAF & DEBRIS REMOVAL, AND WEED ERADICATION. THESE OPERATIONS SHALL BE PERFORMED WEEKLY.
3. UPON COMPLETION OF THE PROJECT, THE OWNER SHALL TAKEOVER LANDSCAPE MAINTENANCE OPERATIONS AND BE RESPONSIBLE FOR THE LANDSCAPE MAINTENANCE TO ASSURE SURVIVAL AND AESTHETIC OF THE PLANTINGS.
4. FAILURE TO MONITOR AND MAINTAIN A HEALTHY LANDSCAPE IS A VIOLATION OF THE ONE-YEAR PLANT WARRANTY.
5. LANDSCAPE CONTRACTOR SHALL PROVIDE A ONE-YEAR MAINTENANCE PROPOSAL, TO THE OWNER, WHICH SHALL INCLUDE WEEKLY LANDSCAPE MAINTENANCE. MAINTENANCE SHALL INCLUDE MOWING, EDGING, PRUNING, FERTILIZATION,WEED AND PEST CONTROL, DEBRIS REMOVAL (BLOWING OF ALL PAVED SURFACES, LEAF AND TRASH PICK-UP WITHIN THE PROPERTY), AND MULCHING. PROVIDE A MAINTENANCE CALENDAR AS PART OF THE PROPOSAL.

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\SubFolder\######## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT
Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR:
CONSTRUCTION DOCUMENTS

ISSUE DATE:
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE: Don Baus
PROJECT MANAGER: Chris Tymoff
DESIGN TEAM: RKM/EFS

PROJECT NAME:
HILTON HEAD ISLAND HIGH SCHOOL
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.:
4001848600

SHEET TITLE:
Planting Details

SHEET NUMBER:
L205

QUAN	ABBRV	BOTANICAL/COMMON	HEIGHT	SPREAD	CONT	CAL/SPACING	NOTES
TREE							
6	JUNV	Juniperus virginiana Eastern Red Cedar	8' Min.	6'	B&B	As Shown	Full, well formed, multi-stem specimen
3	LAGN	Lagerstroemia 'Natchez' Natchez White Crapemyrtle	8'-10' Min.	4-5'	B&B	As Shown	Source tree from Bold Springs Nursery (478)783-4975
1	MAGB	Magnolia grandiflora 'Bracken's Brown Beauty' Bracken Brown Beauty Southern Magnolia	8'-10' Min.	4-5'	B&B	As Shown	Source tree from Bold Springs Nursery (478)783-4975
19	SABP	Sabal palmetto Cabbage Palmetto	14'-16'	N/A	B&B	As Shown	Rejuvenated palm, clear straight trunk Staggered heights
8	QUPQ	Quercus phellos 'QPSTA' PP 13677 Hightower Willow Oak	16' Min.	6'-8'	4" CAL.	As Shown	Source tree from Bold Springs Nursery (478)783-4975
12	QUNO	Quercus nuttallii 'Ochlocknee' PP 28344 Breezway Nuttall Oak	14'-15'	4'-5'	4" CAL.	As Shown	Source tree from Bold Springs Nursery (478)783-4975
11	QUEV	Quercus virginiana 'Highrise' 'Highrise' Live oak	14'-16'	4-5'	4" CAL.	As Shown	Full, well formed
1	QUVM	Quercus virginiana multitrunk Live oak	20'-22'	16'-18'	B&B	As Shown	Multi-trunk specimen, 3 cane min.
SHRUB							
16	ILVN	Ilex vomitoria 'nana' Dwarf Yaupon Holly	36" Min.	-	7 Gal.	As Shown	Full gallon, evergreen
7	ILLF	Illicium floridanum Florida Anise	-	-	15 Gal.	As Shown	Full gallon, evergreen
12	MYRC	Myrica cerifera Wax Mrytle	-	-	15 Gal.	As Shown	Full gallon, evergreen
9	SABM	Sabal minor Dwarf Palmetto	3' Min.	3'	7 Gal.	As Shown	Full gallon, evergreen
61	VIBS	Viburnum suspensum Sandankwa viburnum	-	-	7 Gal.	As Shown	Full gallon, evergreen
GRASSES AND FERNS							
32	LIRM	Liriope muscari 'Super Blue' 'Super Blue' Lily Turf	-	-	1 Gal.	24" O.C.	Full gallon
59	LOML	Lomandra longifolia Breeze Grass	-	-	3 Gal.	36" O.C.	Full gallon
100	MUHF	Muhlenbergia filipes Sweet Grass	-	-	3 Gal.	36" O.C.	Full gallon
29	OSMC	Osmunda cinnamomea Cinnamon Fern	-	-	1 Gal.	24" O.C.	Full gallon
107	ONOS	Onoclea sensibilis Sensitive Fern	-	-	1 Gal.	36" O.C.	Full gallon
18	PAVH	Panicum virgatum 'Heavy Metal' Blue Switch Grass	-	-	1 Gal.	24" O.C.	Full gallon
90	SORN	Sorgastrum nutans Indian Grass	-	-	3 Gal.	36" O.C.	Full gallon
PERENNIALS							
80	AMSC	Amsonia ciliata Bluestar	-	-	1 Gal.	24" O.C.	Full gallon
75	ACHM	Achillea millefolium Common Yarrow	-	-	3 Gal.	36" O.C.	Full gallon
90	ASCT	Asclepias tuberosa Butterfly Milkweed	-	-	3 Gal.	24" O.C.	Full gallon
60	BAPA	Baptisia australis Blue False Indigo	-	-	3 Gal.	36" O.C.	Full gallon
110	ECHP	Echinacea purpurea Purple Coneflower	-	-	3 Gal.	24" O.C.	Full gallon
90	EUPF	Eupatorium fistulosum Joe Pye Weed	-	-	1 Gal.	36" O.C.	Full gallon
80	MONF	Monarda fruticulosa Spotteed Bee Balm	-	-	1 Gal.	24" O.C.	Full gallon
95	RUDF	Rudbeckia fulgida Black-Eyed Susan	-	-	3 Gal.	36" O.C.	Full gallon
112	SISA	Sisyrinchium angustifolium Blue Eyed Grass	-	-	1 Gal.	24" O.C.	Full gallon
80	SOLS	Solidago speciosa Showy Goldenrod	-	-	1 Gal.	36" O.C.	Full gallon
120	EURD	Eurybia divaricata White Wood Aster	-	-	1 Gal.	24" O.C.	Full gallon

QUAN	ABBRV	BOTANICAL/COMMON	HEIGHT	SPREAD	CONT	CAL/SPACING	NOTES
TURF							
SOD		Cynodon dactylon 'TifTuf' TifTuf Bermuda Grass	-	-	-	-	-
SEED		Cynodon dactylon 'TifTuf' TifTuf Bermuda Grass	-	-	-	-	-
BIOSWALE PLANTS							
76	ASCI	Asclepias incarnata Swamp Milkweed	-	-	1 Gal.	36" O.C.	Full gallon
76	BAPA	Baptisia australis Blue False Indigo	-	-	3 Gal.	36" O.C.	Full gallon
289	BOLF	Bolboschoenus fluviatilis River Bulrush	-	-	1 Gal.	36" O.C.	Full gallon
171	GLYM	Glyceria maxima Reed Sweet Grass	-	-	1 Gal.	36" O.C.	Full gallon
76	HELA	Helianthus angustifolius Swamp Sunflower	-	-	1 Gal.	36" O.C.	Full gallon
76	LIAS	Liatris spicata Marsh Blazing Star	-	-	1 Gal.	36" O.C.	Full gallon
6	NYAO	Nyssa aquatica 'Ogeechee' 'Ogeechee' water Tupelo	-	-	15 Gal.	As Shown	Source tree from Bold Springs Nursery (478)783-4975
227	PANV	Panicum virgatum Switch Grass	-	-	1 Gal.	36" O.C.	Full gallon
76	SISA	Sisyrinchium angustifolium Blue-Eyed Grass	-	-	1 Gal.	24" O.C.	Full gallon
3	TAAP	Taxodium ascendens 'Prairie Sentinel Prairie Sentinel Pond Cypress	-	-	30 Gal.	As Shown	Source tree from Bold Springs Nursery (478)783-4975

ABBREVIATION NOTE:

WHERE AN ABBREVIATION IS SHOWN, THE FOLLOWING NOTES APPLY:
ABBRV - BOTANICAL ABBREVIATION.
QUAN - QUANTITY OF PLANT MATERIAL REQUIRED FOR THE PROJECT. (NOTE: CONTRACTOR RESPONSIBLE TO VERIFY QUANTITIES INDICATED. PLAN SHALL TAKE PRECEDENCE OVER SCHEDULE.)
BOTANICAL/COMMON NAME- PLANT MATERIAL TO BE INSTALLED.
CAL - CALIPER/DIAMETER OF TRUNK. (CALIPER SHALL TAKE PRECEDENCE OVER HEIGHT AND SPREAD.)
CONT - CONTAINER TYPE WHICH PLANT MATERIAL IS ENCASED UPON SITE DELIVERY. (HEIGHT AND CALIPER SHALL TAKE PRECEDENCE OVER CONTAINER.)
NOTES - SPECIFIC NOTES FURTHER SPECIFYING OR DESCRIBING PLANT MATERIAL.

QUANTITIES NOTES:

PLANT MATERIAL LIST WAS PREPARED FOR ESTIMATING PURPOSES ONLY. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. CONTRACTORS SHALL MAKE THEIR OWN QUANTITY TAKE-OFFS USING DRAWINGS TO DETERMINE QUANTITIES TO THEIR SATISFACTION, REPORTING PROMPTLY TO THE LANDSCAPE ARCHITECT ANY DISCREPANCIES WHICH MAY AFFECT BIDDING. NO EXTRA COMPENSATION SHALL BE ALLOWED FOR EXTRA QUANTITIES NECESSARY TO COMPLETE THE WORK.

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
No. 785
REGISTERED LANDSCAPE ARCHITECT
ROBERT MAERLENDER

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RKM/EFS

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
Plant Schedule

SHEET NUMBER
L206

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM

GENERAL NOTES:

1. BASE INFORMATION INCLUDING STREETS, RIGHT-OF-WAYS, LOTS, LINES, UNDERGROUND UTILITIES AND TOPO OBTAINED FROM ORIGINAL DOCUMENT PROVIDED BY OWNER. SURCULUS LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CABLE LOCATOR SERVICE (1.800.922.0983) TO LOCATE ALL EXISTING UNDERGROUND ELECTRICAL AND TELEPHONE UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE LOCATOR SERVICE HAS COMPLETED MARKING OUT THE SITE.

3. EXISTING UNDERGROUND UTILITIES ARE NOT IDENTIFIED NOR HAVE THEY BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BOTH HORIZONTALLY & VERTICALLY OF ALL EXISTING & PROPOSED UTILITIES BEFORE COMMENCING WORK, AND HE SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES THAT ARE DISTURBED AS A RESULT OF THE WORK.

4. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS WHERE ADDITIONAL UNDERGROUND UTILITIES MAY EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES, BOTH KNOWN AND UNKNOWN. CONTRACTOR SHALL OBSERVE BEST SAFETY PRACTICES WHILE WORKING NEAR VEHICULAR TRAFFIC.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND WALKWAYS. ALL DISTURBED SOIL RESULTING FROM TRENCHING AND CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND STABILIZED. CONTRACTOR SHALL PROVIDE EROSION CONTROL AS NECESSARY UNTIL DISTURBED SOIL IS STABILIZED.

6. THE CONTRACTOR SHALL VERIFY PLANS IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

7. CONTRACTOR IS RESPONSIBLE FOR FOR VERIFYING ALL MATERIAL AND EQUIPMENT QUANTITIES. THERE SHALL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.

8. CONTRACTOR TO ENSURE PROPER WATERING OF ALL PLANT MATERIALS THROUGH INSTALLATION OF PERMANENT IRRIGATION SYSTEM. CONTRACTOR TO COORDINATION METER, BACKFLOW AND CONTROLLER LOCATIONS.

9. FINAL CLEANUP OF THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PERMITS, LICENSES AND INSURANCE TO COMPLETE WORK.

11. ALL CONSTRUCTION SHALL CONFORM WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS.

PIN
07-000-0118-0000
BEAUFORT
INTY SCHOOL
DIST.

SPRAY IRRIGATION TYP.
MATCHLINE
½" IRF
DRIP IRRIGATION TYP.
SPRAY IRRIGATION TYP.
REINFORCED TURF
TURF AREA
DRIP IRRIGATION TYP.
PLANTING AREA
PLANTING AREA
TURF AREA
TURF AREA
PLANTING AREA
TURF AREA
SPRAY IRRIGATION TYP.
IRRIGATION METER, BACK FLOW AND CONTROLER CONTRACTOR TO COORDINATE LOCATION AND POWER REQUIREMENTS
DRIP IRRIGATION TYP.
DRIP IRRIGATION TYP.
BIOSWALE
BIOSWALE
BIOSWALE
DRIP IRRIGATION TYP.
DRIP IRRIGATION TYP.
DRIP IRRIGATION TYP.
DRIP IRRIGATION TYP.
SPRAY IRRIGATION TYP.
SPRAY IRRIGATION TYP.
TURF AREA
TURF AREA
SPRAY IRRIGATION TYP.
SPRAY IRRIGATION TYP.
SCHOOL RD.
SCHOOL ROAD
SPRAY & DRIP IRRIGATION
SPRAY IRRIGATION TYP.
1" IPF
75' POWERLINE EASEMENT (PB. 91, PG. 120)
4' CHAINLINK
4' CHAINLINK
EXISTING WOODED AREA
75' PR
75.0'
6' CHAINLINK

LEGEND
- SOD AREA
- SPRAY IRRIGATED AREA - TURF
- SPRAY IRRIGATED AREA - BED
- DRIP IRRIGATED AREA

CONTRACTOR TO COORDINATE LOCATIONS OF IRRIGATION CONTROLLER, METER AND BACKFLOW PREVENTER WITH GENERAL CONTRACTOR.

NORTH

GRAPHIC SCALE
30' 0' 15' 30' 60' 120'
SCALE: 1" = 30'

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR:
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RKM/EFS

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
Irrigation Area of Coverage Plan

SHEET NUMBER
L207

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\SubFolder\########## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM

GENERAL NOTES:

1. BASE INFORMATION INCLUDING STREETS, RIGHT-OF-WAYS, LOTS, LINES, UNDERGROUND UTILITIES AND TOPO OBTAINED FROM ORIGINAL DOCUMENT PROVIDED BY OWNER. SURCULUS LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CABLE LOCATOR SERVICE (1.800.922.0983) TO LOCATE ALL EXISTING UNDERGROUND ELECTRICAL AND TELEPHONE UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE LOCATOR SERVICE HAS COMPLETED MARKING OUT THE SITE.

3. EXISTING UNDERGROUND UTILITIES ARE NOT IDENTIFIED NOR HAVE THEY BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BOTH HORIZONTALLY & VERTICALLY OF ALL EXISTING & PROPOSED UTILITIES BEFORE COMMENCING WORK, AND HE SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES THAT ARE DISTURBED AS A RESULT OF THE WORK.

4. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS WHERE ADDITIONAL UNDERGROUND UTILITIES MAY EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES, BOTH KNOWN AND UNKNOWN. CONTRACTOR SHALL OBSERVE BEST SAFETY PRACTICES WHILE WORKING NEAR VEHICULAR TRAFFIC.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND WALKWAYS. ALL DISTURBED SOIL RESULTING FROM TRENCHING AND CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND STABILIZED. CONTRACTOR SHALL PROVIDE EROSION CONTROL AS NECESSARY UNTIL DISTURBED SOIL IS STABILIZED.

6. THE CONTRACTOR SHALL VERIFY PLANS IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

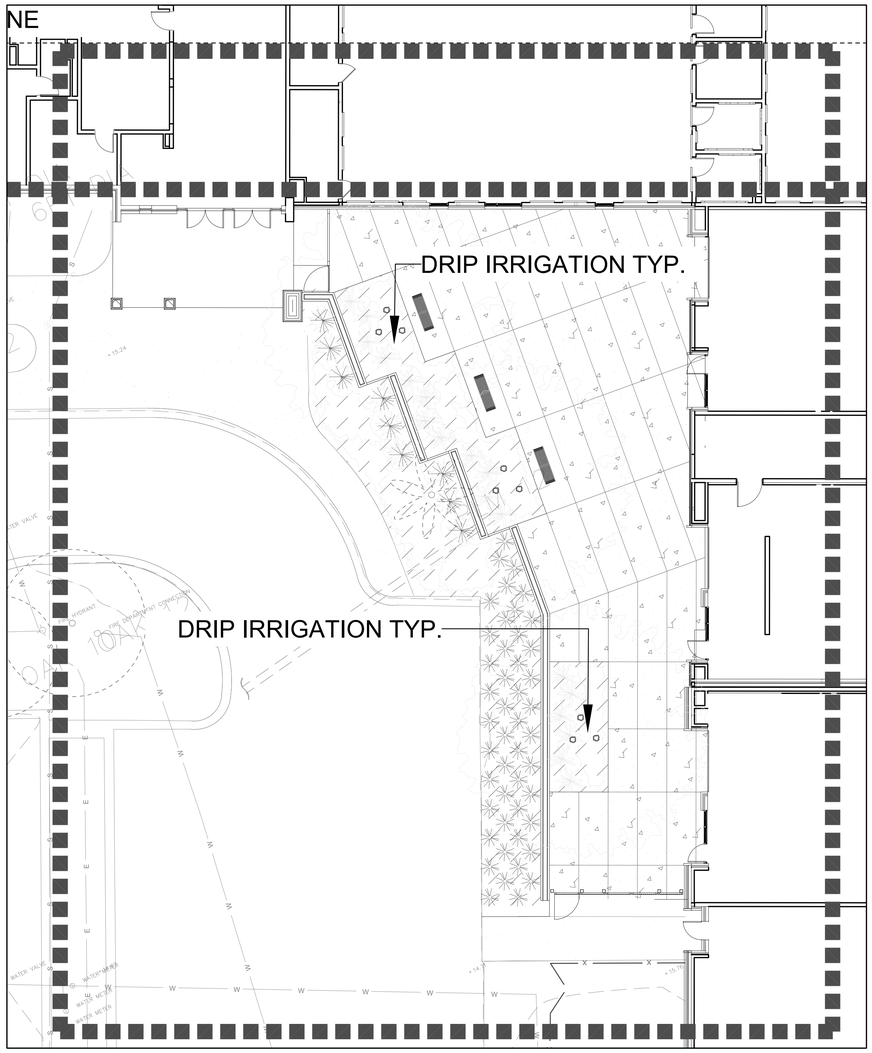
7. CONTRACTOR IS RESPONSIBLE FOR FOR VERIFYING ALL MATERIAL AND EQUIPMENT QUANTITIES. THERE SHALL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.

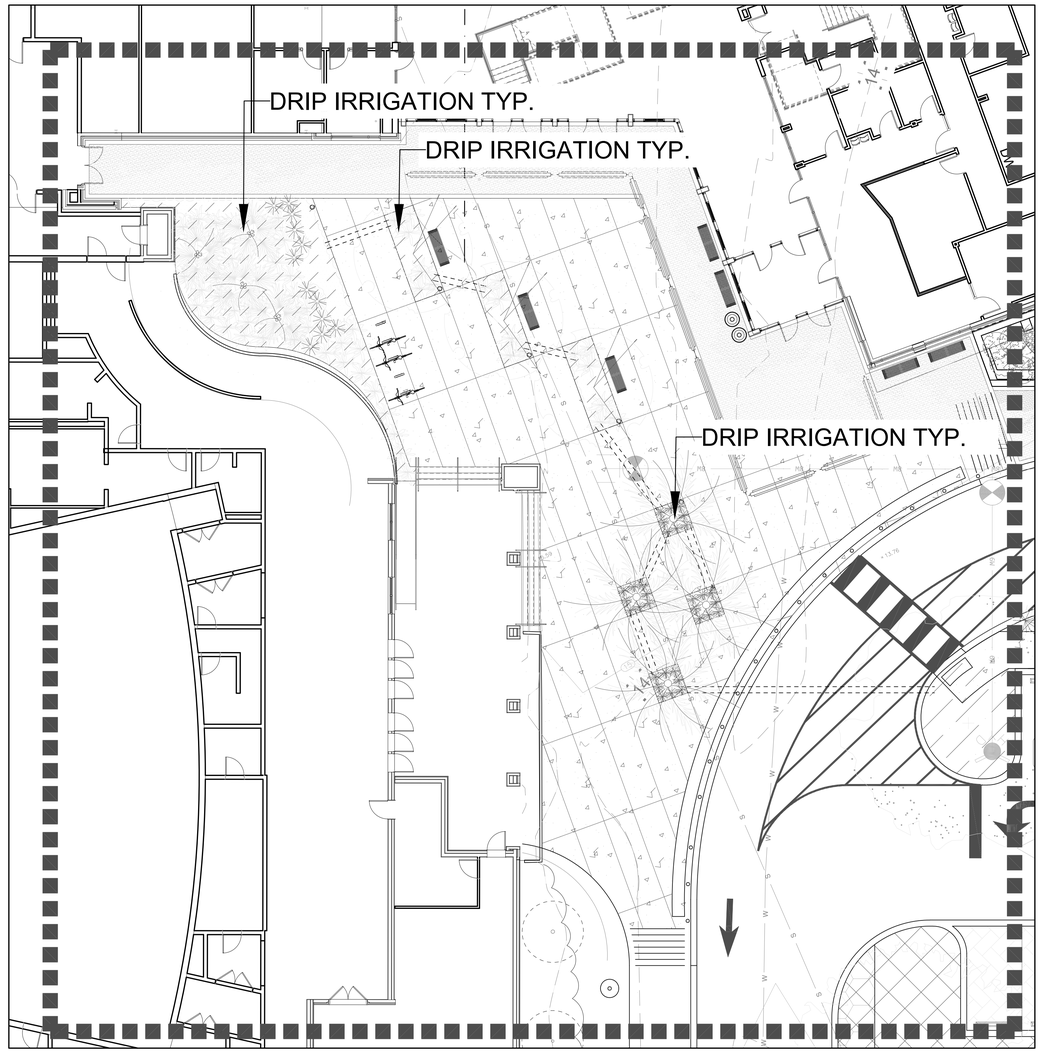
8. CONTRACTOR TO ENSURE PROPER WATERING OF ALL PLANT MATERIALS THROUGH INSTALLATION OF PERMANENT IRRIGATION SYSTEM. CONTRACTOR TO COORDINATION METER, BACKFLOW AND CONTROLLER LOCATIONS.

9. FINAL CLEANUP OF THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PERMITS, LICENSES AND INSURANCE TO COMPLETE WORK.

11. ALL CONSTRUCTION SHALL CONFORM WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS.





NORTH

GRAPHIC SCALE
30' 0' 15' 30' 60' 120'
SCALE: 1" = 30'

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RKM/EFS

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
Irrigation Area of Coverage Plan

SHEET NUMBER
L208

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM

GENERAL NOTES:

1. BASE INFORMATION INCLUDING STREETS, RIGHT-OF-WAYS, LOTS, LINES, UNDERGROUND UTILITIES AND TOPO OBTAINED FROM ORIGINAL DOCUMENT PROVIDED BY OWNER. SURCULUS LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

2. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE CABLE LOCATOR SERVICE (1.800.922.0983) TO LOCATE ALL EXISTING UNDERGROUND ELECTRICAL AND TELEPHONE UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL NOT BEGIN WORK UNTIL THE LOCATOR SERVICE HAS COMPLETED MARKING OUT THE SITE.

3. EXISTING UNDERGROUND UTILITIES ARE NOT IDENTIFIED NOR HAVE THEY BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION BOTH HORIZONTALLY & VERTICALLY OF ALL EXISTING & PROPOSED UTILITIES BEFORE COMMENCING WORK, AND HE SHALL AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO UTILITIES THAT ARE DISTURBED AS A RESULT OF THE WORK.

4. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS WHERE ADDITIONAL UNDERGROUND UTILITIES MAY EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO EXISTING UTILITIES, BOTH KNOWN AND UNKNOWN. CONTRACTOR SHALL OBSERVE BEST SAFETY PRACTICES WHILE WORKING NEAR VEHICULAR TRAFFIC.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND WALKWAYS. ALL DISTURBED SOIL RESULTING FROM TRENCHING AND CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND STABILIZED. CONTRACTOR SHALL PROVIDE EROSION CONTROL AS NECESSARY UNTIL DISTURBED SOIL IS STABILIZED.

6. THE CONTRACTOR SHALL VERIFY PLANS IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

7. CONTRACTOR IS RESPONSIBLE FOR FOR VERIFYING ALL MATERIAL AND EQUIPMENT QUANTITIES. THERE SHALL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT THE APPROVAL OF THE LANDSCAPE ARCHITECT.

8. CONTRACTOR TO ENSURE PROPER WATERING OF ALL PLANT MATERIALS THROUGH INSTALLATION OF PERMANENT IRRIGATION SYSTEM. CONTRACTOR TO COORDINATION METER, BACKFLOW AND CONTROLLER LOCATIONS.

9. FINAL CLEANUP OF THE SITE AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

10. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY PERMITS, LICENSES AND INSURANCE TO COMPLETE WORK.

11. ALL CONSTRUCTION SHALL CONFORM WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS.

EXISTING WOODED AREA

PLANTING AREA

DRIP IRRIGATION TYP.

TURF AREA

SPRAY IRRIGATION TYP.

CONEX BOX

LEGEND

- SOD AREA
- SPRAY IRRIGATED AREA - TURF
- SPRAY IRRIGATED AREA - BED
- DRIP IRRIGATED AREA

CONTRACTOR TO COORDINATE LOCATIONS OF IRRIGATION CONTROLLER, METER AND BACKFLOW PREVENTER WITH GENERAL CONTRACTOR.

NORTH

GRAPHIC SCALE

10' 0' 5' 10' 20' 40'

SCALE: 1" = 10'

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\

6/22/2023 4:06:03 PM

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE
Don Baus

PROJECT MANAGER
Chris Tymoff

DESIGN TEAM
RKM/EFS

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
Irrigation Area of Coverage Plan

SHEET NUMBER
L209

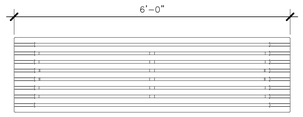
Palisade

Bench, 72", Surface Mount, Backless

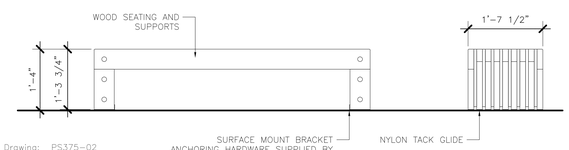
Product Drawing

landscapeforms®

www.landscapeforms.com Ph: 800.521.2546



TOP VIEW OF BENCH



Drawing: PS375-02
Date: 5/5/2010
Dimensions are in inches

FRONT ELEVATION

SIDE ELEVATION

CONFIDENTIAL DRAWING INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANDSCAPE FORMS, INC. INTENDED USE IS LIMITED TO DESIGN PROFESSIONALS SPECIFYING LANDSCAPE FORMS, INC. PRODUCTS AND THEIR DIRECT CLIENTS. DRAWING IS NOT TO BE COPIED OR DISCLOSED TO OTHERS WITHOUT THE CONSENT OF LANDSCAPE FORMS, INC. ©2010 LANDSCAPE FORMS, INC. ALL RIGHTS RESERVED.

D_PALISADE_BENCH.DWG
SCALE: 3/4"=1'-0"

1 PALISADE BENCH (TYP.)

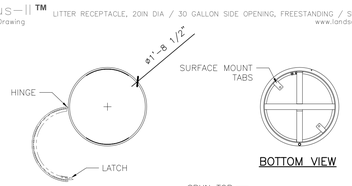
Plexus-II™

Product Drawing

LITTER RECEPTACLE, 20IN DIA / 30 GALLON SIDE OPENING, FREESTANDING / SURFACE MOUNT

www.landscapeforms.com

Date: 5/18/2010
Ph: 800.521.2546



Drawing: LX253-01
Dimensions are in inches

FRONT ELEVATION

SIDE ELEVATION

CONFIDENTIAL DRAWING INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANDSCAPE FORMS, INC. INTENDED USE IS LIMITED TO DESIGN PROFESSIONALS SPECIFYING LANDSCAPE FORMS, INC. PRODUCTS AND THEIR DIRECT CLIENTS. DRAWING IS NOT TO BE COPIED OR DISCLOSED TO OTHERS WITHOUT THE CONSENT OF LANDSCAPE FORMS, INC. ©2013 LANDSCAPE FORMS, INC. ALL RIGHTS RESERVED.

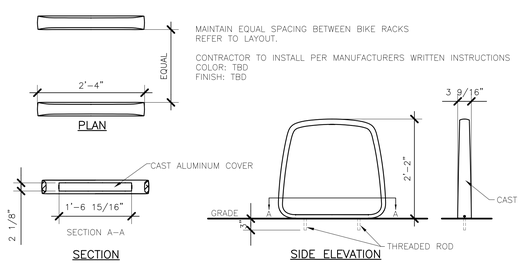
D_TRASH.DWG
SCALE: 3/4"=1'-0"

2 PLEXUS TRASH RECEPTACLE

Ride™

Bike Rack, Embedded

Product Drawing



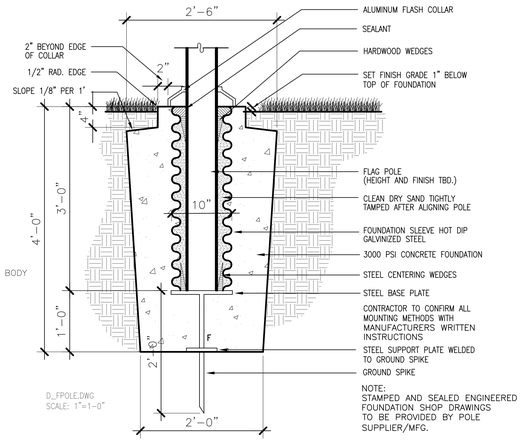
landscapeforms®

431 LAWNDALE AVE. PHONE: 800-521-2546
KALAMAZOO, MI 49048 FAX: 269-381-3455

CONFIDENTIAL DRAWING INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANDSCAPE FORMS, INC. INTENDED USE IS LIMITED TO DESIGN PROFESSIONALS SPECIFYING LANDSCAPE FORMS, INC. PRODUCTS AND THEIR DIRECT CLIENTS. DRAWING IS NOT TO BE COPIED OR DISCLOSED TO OTHERS WITHOUT THE CONSENT OF LANDSCAPE FORMS, INC.

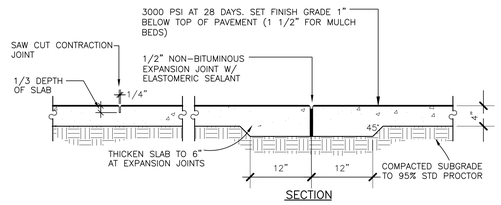
D_BIKERACK.DWG
SCALE: 3/4"=1'-0"

3 RIDE SERIES BIKE RACK



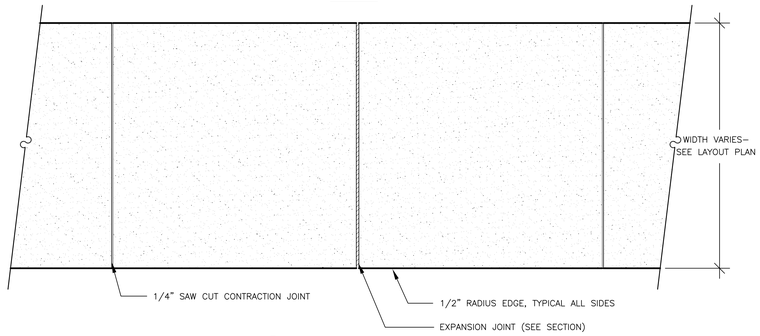
D_FPOLE.DWG
SCALE: 1"=1'-0"

4 FLAG POLE BASE (TYP.)



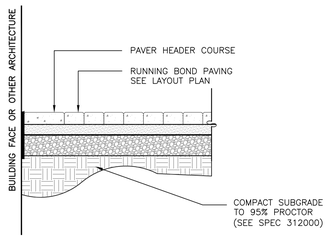
SECTION

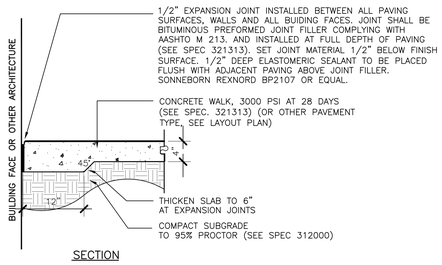
NOTES:
1. CONCRETE RECIEVING VEHICULAR TRAFFIC SHALL BE 6" THICK PORTLAND CEMENT, 4000 PSI AT 28 DAYS SUBGRADE SHALL BE COMPACTED TO 95% STD PROCTOR TO A DEPTH OF 12" MIN.
2. CONCRETE AT PEDESTRIAN WALKWAYS SHALL BE SALT VOID FINISH.



5 TYPICAL CONCRETE PAVING PLAN VIEW

D_CONCRETE_PAVING.DWG
SCALE: 1"=1'-0"

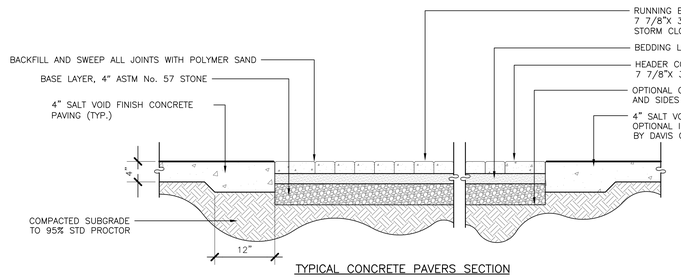




SECTION

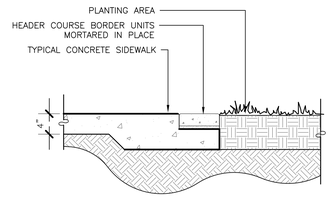
6 TYPICAL EXPANSION JOINTS

D_EXPANSION JOINT.DWG
SCALE: 1"=1'-0"



TYPICAL CONCRETE PAVERS SECTION

D_PAVER SECTION.DWG
SCALE:1"=1'-0"



HEADER COURSE BORDER SECTION

7 TYPICAL CONCRETE PAVERS

D_CONCRETE_PAVER.DWG
SCALE: 1"=1'-0"

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY

BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RKM/EFS

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

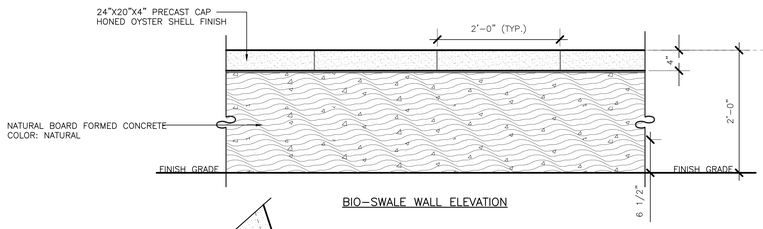
70 Wilborn Rd,
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

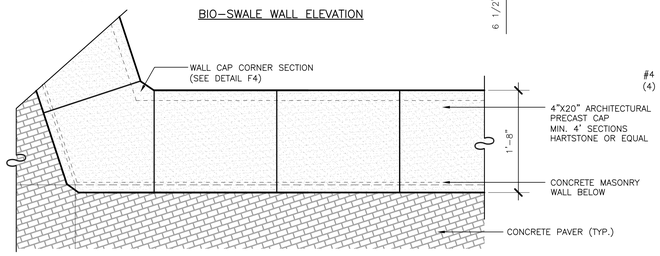
SHEET TITLE
Site Details

SHEET NUMBER
L301

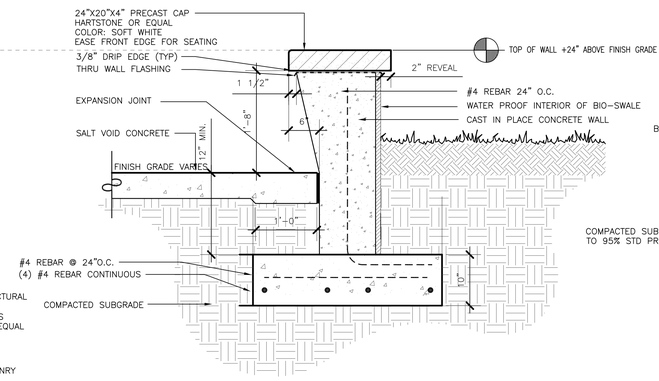
Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM



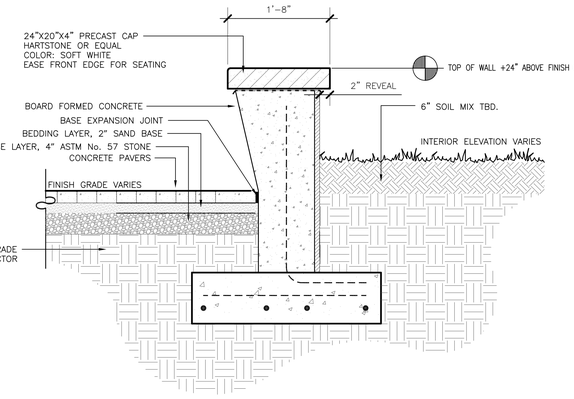
BIO-SWALE WALL ELEVATION

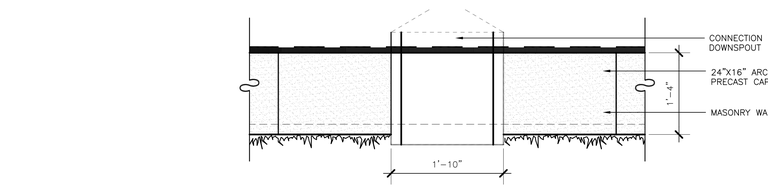


WALL CAP PLAN VIEW



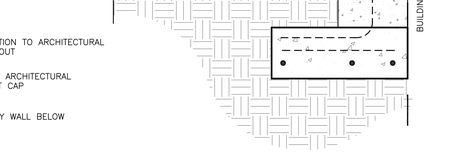
BIO-SWALE WALL SECTION





BIO-SWALE WALL ELEVATION

SPILLWAY PLAN VIEW



BIO-SWALE WALL AT SPILLWAY

D_BIO-SWALE WALL.DWG
SCALE:1"=1'-0"

8 BIO-SWALE WALL AND PRECAST CAP

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT
Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
SURCULUS, LLC
LA No. 353
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RKM/EFS

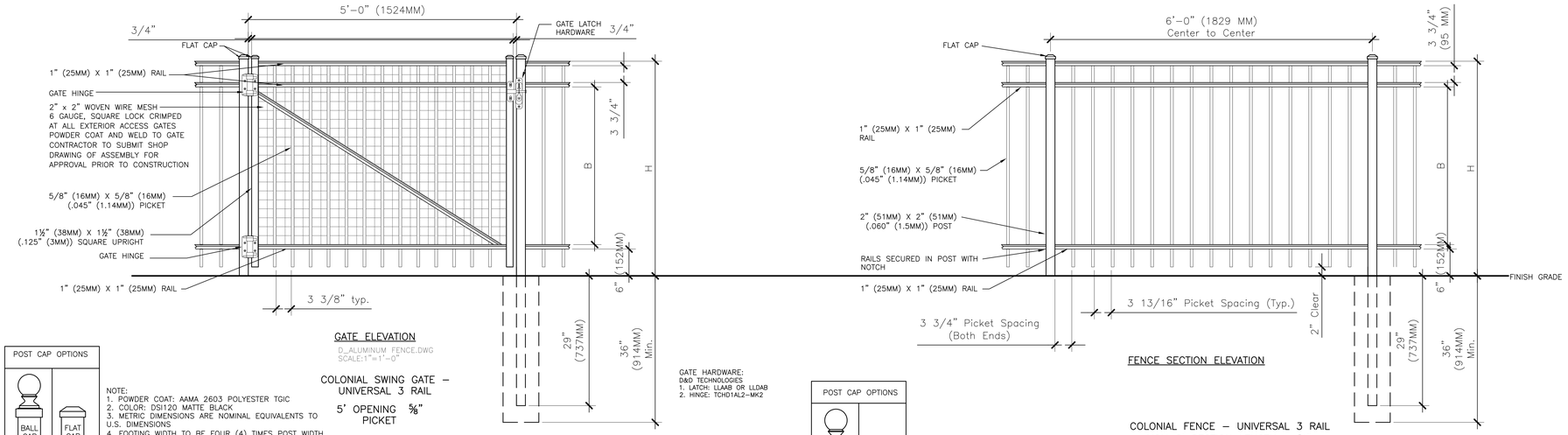
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
Site Details

SHEET NUMBER
L302

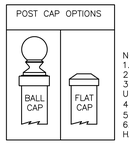


GATE ELEVATION

D_ALUMINUM FENCE.DWG
SCALE:1"=1'–0"

COLONIAL SWING GATE – UNIVERSAL 3 RAIL
5' OPENING
⅝" PICKET

POST CAP OPTIONS



NOTE:
1. POWDER COAT: AAMA 2603 POLYESTER TGIC
2. COLOR: DSI120 MATTE BLACK
3. METRIC DIMENSIONS ARE NOMINAL EQUIVALENTS TO U.S. DIMENSIONS
4. FOOTING WIDTH TO BE FOUR (4) TIMES POST WIDTH.
5. FOR MATCHING FENCE PANEL SEE DRAWING # M230
6. SPECIFICATIONS SHOWN CAN BE CHANGED BY MASTER HALCO ONLY.

MASTER HALCO
Colonial by Master Halco
Phone No. 800-229-5615
www.masterhalco.com

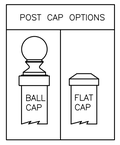
Gate Part No.	H	B
721982	4' (1219MM)	35¼" (895MM)
722002	5' (1524MM)	47¼" (1200MM)
722012	6' (1829MM)	59¼" (1505MM)

GATE HARDWARE:
D&D TECHNOLOGIES
1. LATCH: LLAAB OR LLDAB
2. HINGE: TCHD1AL2–MK2

1 4' AND 6' ALUMINUM SECURITY FENCE

FENCE SECTION ELEVATION

POST CAP OPTIONS



NOTE:
1. METRIC DIMENSIONS ARE NOMINAL EQUIVALENTS TO U.S. DIMENSIONS
2. POWDER COAT: AAMA 2603POLYESTER TGIC
3. COLOR: DSI120 MATTE BLACK
4. FOOTING WIDTH TO BE FOUR (4) TIMES POST WIDTH.
5. SPECIFICATIONS SHOWN CAN BE CHANGED BY MASTER HALCO ONLY.

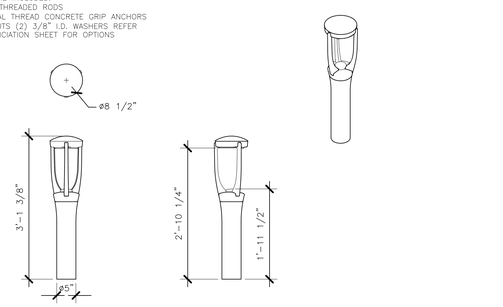
COLONIAL FENCE – UNIVERSAL 3 RAIL
NOM 6' SECTION LENGTH – ⅝"
PICKET

Panel Part No.	H	B
721702	4' (1219MM)	35¼" (895MM)
721722	5' (1524MM)	47¼" (1200MM)
721732	6' (1829MM)	59¼" (1505MM)

Northport Path light
Product Drawing

Date: 09/27/2023
www.landscapeforms.com Ph: 800.521.2546

ANCHORING HARDWARE INCLUDED:
(2) 3/8–16 X 22" THREADED RODS
(2) 3/8–16 INTERNAL THREAD CONCRETE GRIP ANCHORS
(2) 3/8–16 HEX NUTS (2) 3/8" I.D. WASHERS REFER TO PRODUCT SPECIFICIATION SHEET FOR OPTIONS



landscapeforms Drawing: DR401
Dimensions are in inches [mm]
Patent Pending

CONFIDENTIAL DRAWING INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANDSCAPE FORMS. INTENDED USE IS LIMITED TO DESIGN PROFESSIONALS SPECIFYING LANDSCAPE FORMS PRODUCTS AND THEIR DIRECT CLIENTS. DRAWING IS NOT TO BE COPIED OR DISCLOSED TO OTHERS WITHOUT THE CONSENT OF LANDSCAPE FORMS. © 2023 LANDSCAPE FORMS ALL RIGHTS RESERVED.

D_NORTHPORT PATH LIGHT – DR401–01.DWG
SCALE: 3/4"=1'–0"

3 NORTHPORT PATH LIGHT (TYP.)

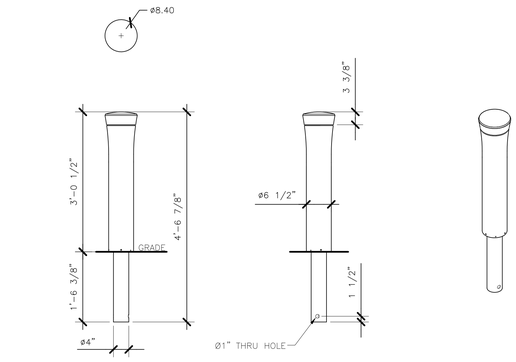
Northport bollard, embedded
Layout Drawing

Date: 09/12/2023
www.landscapeforms.com Ph: 800.521.2546

_____ APPROVED
_____ REVISE AND RESUBMIT
_____ REJECTED

COMMENTS MADE ON THESE SUBMITTALS ARE FOR INFORMATION ONLY. ANY CHANGES REQUIRE RE-SUBMITTAL AND APPROVAL. CUSTOMER IS RESPONSIBLE FOR CONFIRMING ALL QUANTITIES, DIMENSIONS, AND INSTALLATION TECHNIQUES.

BY: _____ DATE: _____



landscapeforms Drawing: DR911-01
Dimensions are in inches [mm]
Patent Pending

CONFIDENTIAL DRAWING INFORMATION CONTAINED HEREIN IS THE PROPERTY OF LANDSCAPE FORMS. INTENDED USE IS LIMITED TO DESIGN PROFESSIONALS SPECIFYING LANDSCAPE FORMS PRODUCTS AND THEIR DIRECT CLIENTS. DRAWING IS NOT TO BE COPIED OR DISCLOSED TO OTHERS WITHOUT THE CONSENT OF LANDSCAPE FORMS © 2023 LANDSCAPE FORMS ALL RIGHTS RESERVED.

D_NORTHPORT BOLLARD – DR911–01.DWG
SCALE: 3/4"=1'–0"

5 NORTHPORT BOLLARD (TYP.)

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
SURCULUS, LLC
LA No. 353

SOUTH CAROLINA LICENSED LANDSCAPE ARCHITECT
No. 785
ROBERT MAERLENDER

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.14.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RKM/EFS

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
Site Details

SHEET NUMBER
L303

Autodesk Docs://Hilton Head Island High School/Hilton Head Island High School_Arch_R22.rvt
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
6/22/2023 4:06:03 PM

W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\

2/13/2024 3:07:29 PM

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING

4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642

www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC.
No. C01205
CERTIFICATE OF AUTHORIZATION
CORPORATE SEAL

STATE OF SOUTH CAROLINA
DONALD E. BAUS, JR.
No. 20,205
REGISTERED ARCHITECT
INDIVIDUAL SEAL

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.16.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
Designer

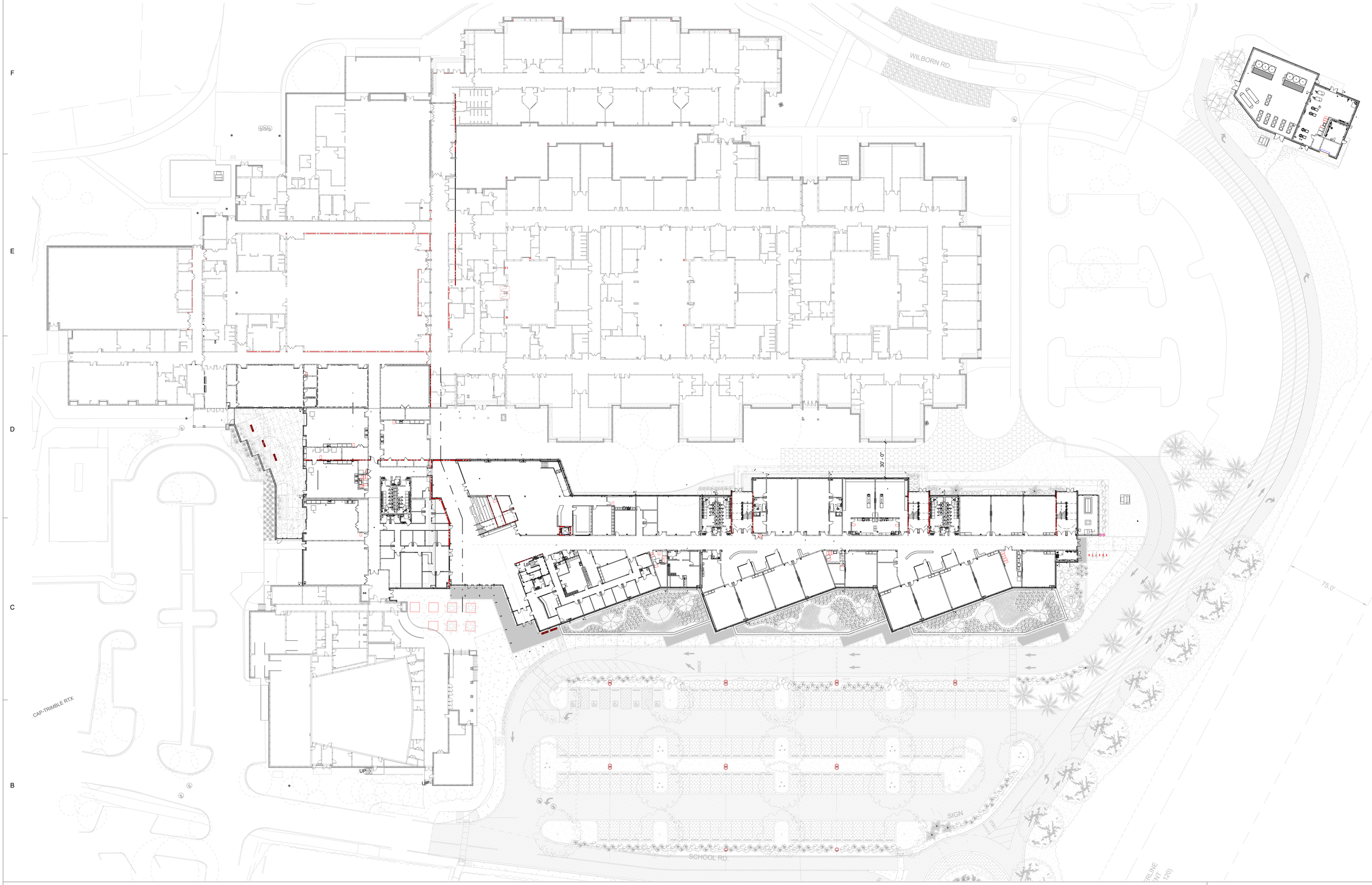
PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

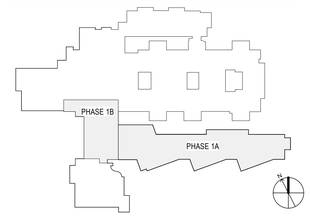
SHEET TITLE
CONCEPTUAL SITE PLAN
ALL PHASES COMPLETE

SHEET NUMBER
A100



1A / A100.1 LEVEL 1 - OVERALL PHASE 1 COMPLETE
1/32" = 1'-0"

KEY PLAN



LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC. No. C01209 CERTIFICATE OF AUTHORIZATION
CORPORATE SEAL

STATE OF SOUTH CAROLINA DONALD E. BAUS, JR. REGISTERED ARCHITECT
INDIVIDUAL SEAL

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.16.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE: Don Baus
PROJECT MANAGER: Chris Tymoff
DESIGN TEAM: RB, SK, YK

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

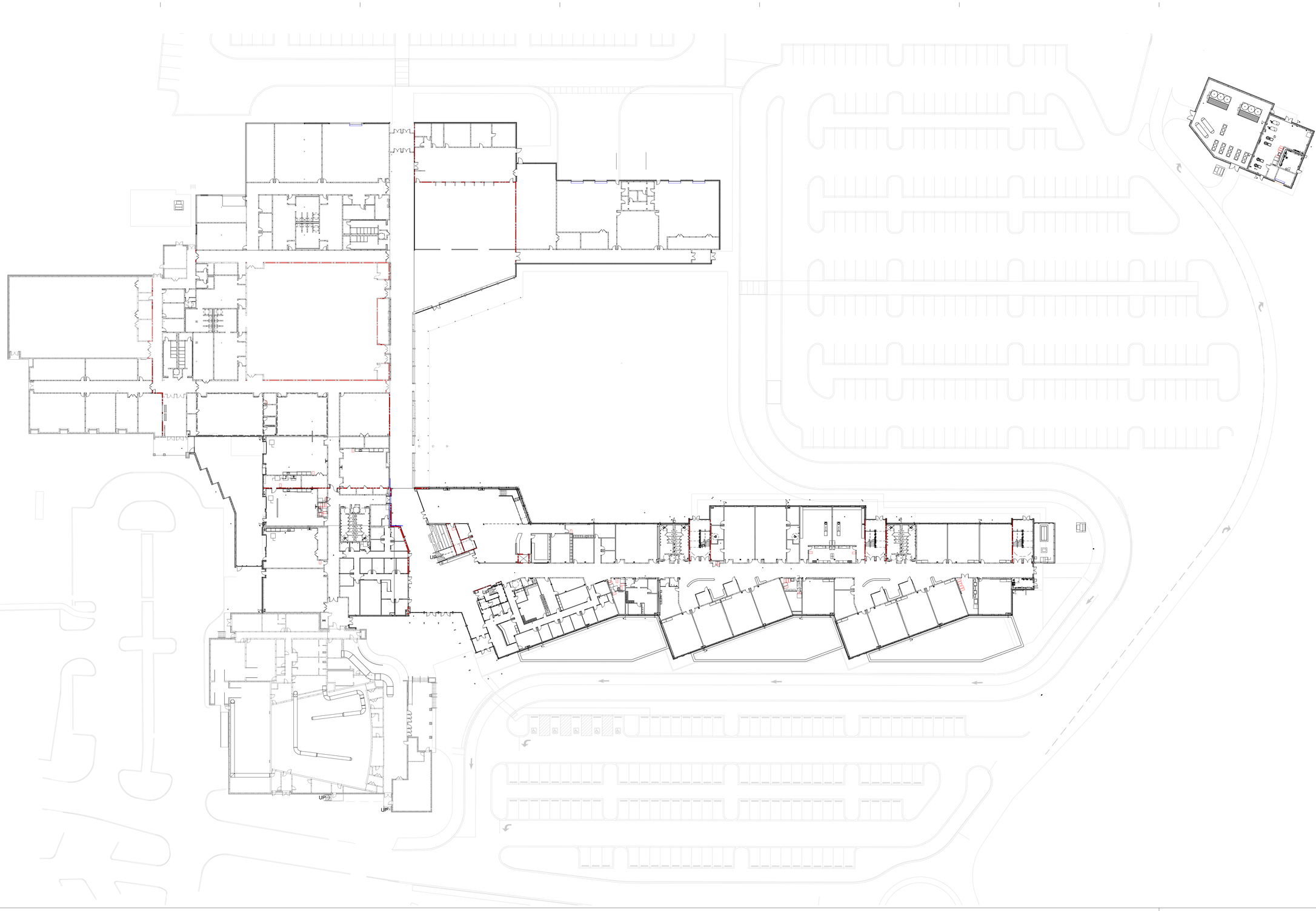
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
FLOOR PLAN - LEVEL 01 - OVERALL PHASE 1

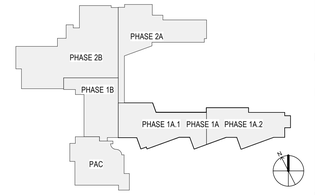
SHEET NUMBER
A100.1

W:\StudioFolder\SubFolder\######## JobName\2 Design\4 Drawings\Revit\
2/13/2024 3:07:45 PM



1B LEVEL 1 - OVERALL ALL PHASES COMPLETE
A100.2 1/32" = 1'-0"

KEY PLAN



LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC.
No. C01209
CERTIFICATE OF AUTHORIZATION
CORPORATE SEAL

STATE OF SOUTH CAROLINA
DONALD E. BAUS, JR.
REGISTERED ARCHITECT
INDIVIDUAL SEAL

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.16.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RB, SK, YK

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

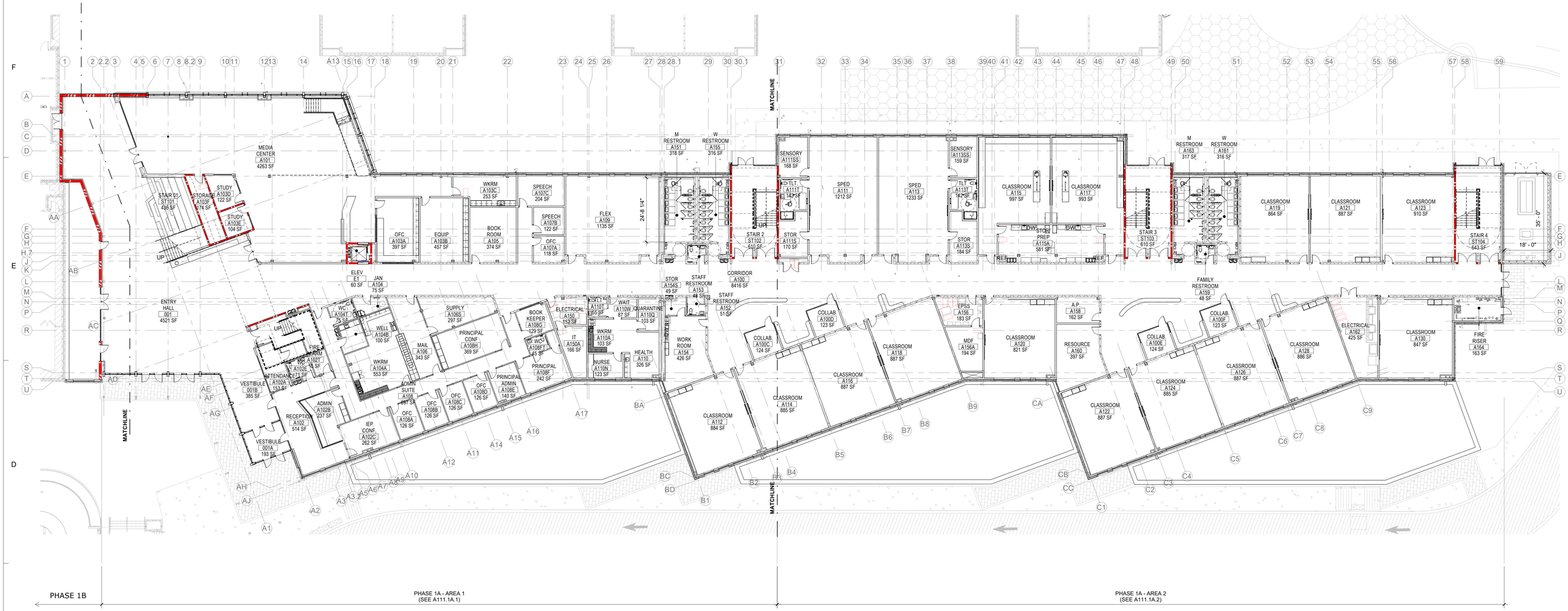
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
FLOOR PLAN - LEVEL 01 - OVERALL ALL PHASES

SHEET NUMBER
A100.2

W:\StudioFolder\SubfolderN\######## JobName\2 Design\4 Drawings\Revit\
2/13/2024 3:07:55 PM



PHASE 1B | PHASE 1A - AREA 1 (SEE A111.1A.1) | PHASE 1A - AREA 2 (SEE A111.1A.2)

1B / A101.1A OVERALL LEVEL 1 - 1A

1/16" = 1'-0"

RATED WALL TYPES

FIRE WALLS
- 4-HR FIRE WALL
- 3-HR FIRE WALL
- 2-HR FIRE WALL

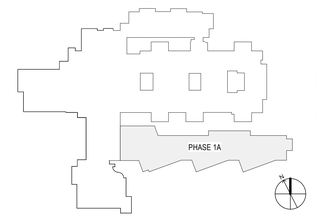
FIRE BARRIERS
- 3-HR FIRE BARRIER
- 2-HR FIRE BARRIER
- 1-HR FIRE BARRIER

FIRE & SMOKE BARRIERS
- 3-HR FIRE & SMOKE BARRIER
- 2-HR FIRE & SMOKE BARRIER
- 1-HR FIRE & SMOKE BARRIER

FIRE PARTITIONS
- 1-HR FIRE PARTITION
- .5-HR FIRE PARTITION

SMOKE BARRIER
- SMOKE BARRIER

KEY PLAN



LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT
Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant: Ward Edwards Engineering

Structural Consultant: MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant: Buford Goff & Associates Engineers and Planners Est. 1968

Landscape Consultant: SURCULUS

Food Service Consultant: camacho

SOUTH CAROLINA LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC. No. C01205 CERTIFICATE OF AUTHORIZATION
CORPORATE SEAL

STATE OF SOUTH CAROLINA DONALD E BAUS, JR. REGISTERED ARCHITECT
INDIVIDUAL SEAL

ISSUE FOR: CONSTRUCTION DOCUMENTS

ISSUE DATE: 02.16.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE: Don Baus
PROJECT MANAGER: Chris Tymoff
DESIGN TEAM: RB, SK, YK

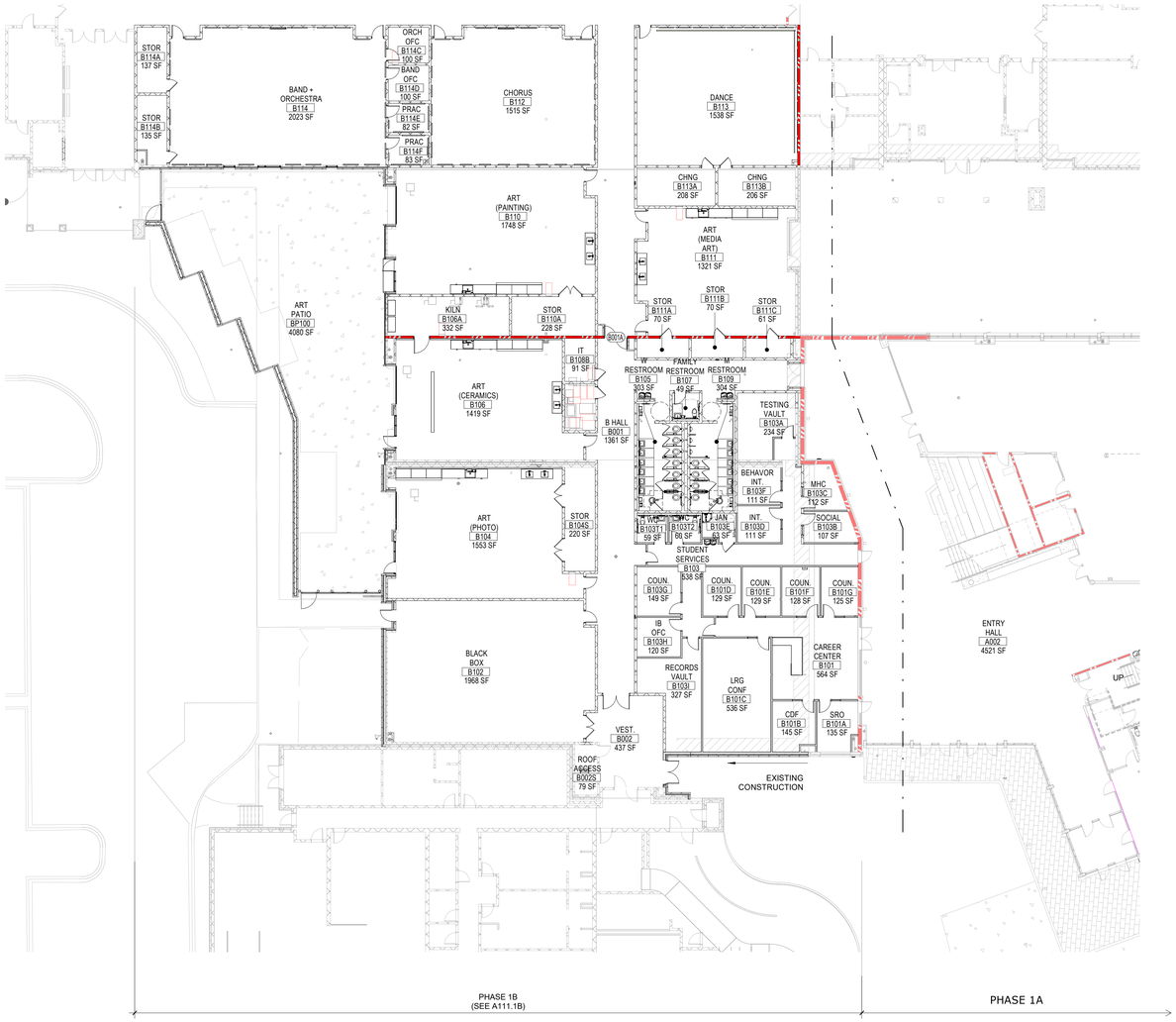
PROJECT NAME: HILTON HEAD ISLAND HIGH SCHOOL
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.: 4001848600

SHEET TITLE: FLOOR PLAN - OVERALL LEVEL 01 PHASE 1A

SHEET NUMBER: A101.1A

W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
2/13/2024 3:08:06 PM



1B A101.1B OVERALL LEVEL 1 - 1B
1/16" = 1'-0"

RATED WALL TYPES

FIRE WALLS
- 4-HR FIRE WALL
- 3-HR FIRE WALL
- 2-HR FIRE WALL

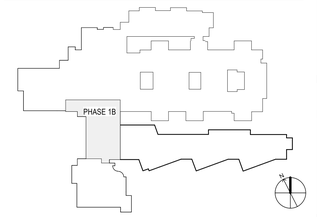
FIRE BARRIERS
- 3-HR FIRE BARRIER
- 2-HR FIRE BARRIER
- 1-HR FIRE BARRIER

FIRE & SMOKE BARRIERS
- 3-HR FIRE & SMOKE BARRIER
- 2-HR FIRE & SMOKE BARRIER
- 1-HR FIRE & SMOKE BARRIER

FIRE PARTITIONS
- 1-HR FIRE PARTITION
- .5-HR FIRE PARTITION

SMOKE BARRIER
- SMOKE BARRIER

KEY PLAN



LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC. No. C01205
CORPORATE SEAL

STATE OF SOUTH CAROLINA
DONALD E BAUS JR
REGISTERED ARCHITECT
INDIVIDUAL SEAL

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.16.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RB, SK, YK

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
FLOOR PLAN - OVERALL LEVEL 01 PHASE 1B

SHEET NUMBER
A101.1B

W:\StudioFolder\Subfolder\########.JobName\2 Design\4 Drawings\Revit\
2/13/2024 3:08:14 PM

1B A102.1A OVERALL LEVEL 2 - 1A

1/16" = 1'-0"

RATED WALL TYPES

FIRE WALLS
- 4-HR FIRE WALL
- 3-HR FIRE WALL
- 2-HR FIRE WALL

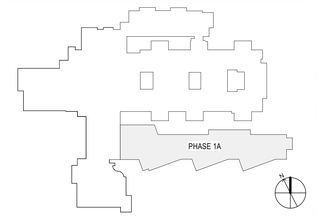
FIRE BARRIERS
- 3-HR FIRE BARRIER
- 2-HR FIRE BARRIER
- 1-HR FIRE BARRIER

FIRE & SMOKE BARRIERS
- 3-HR FIRE & SMOKE BARRIER
- 2-HR FIRE & SMOKE BARRIER
- 1-HR FIRE & SMOKE BARRIER

FIRE PARTITIONS
- 1-HR FIRE PARTITION
- .5-HR FIRE PARTITION

SMOKE BARRIER
- SMOKE BARRIER

KEY PLAN



LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT
Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC.
No. C01205
CORPORATE SEAL

STATE OF SOUTH CAROLINA
DONALD E BAUS, JR
REGISTERED ARCHITECT
INDIVIDUAL SEAL

ISSUE FOR:
CONSTRUCTION DOCUMENTS

ISSUE DATE:
02.16.2024

REVISIONS

NO.	REASON	DATE
1	Revision 1	Date 1

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RB, SK, YK

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
FLOOR PLAN - OVERALL LEVEL 02 PHASE 1A

SHEET NUMBER
A102.1A

W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
2/13/2024 3:08:25 PM

1B / A103.1A OVERALL LEVEL 3 - 1A

1/16" = 1'-0"

RATED WALL TYPES

FIRE WALLS
- 4-HR FIRE WALL
- 3-HR FIRE WALL
- 2-HR FIRE WALL

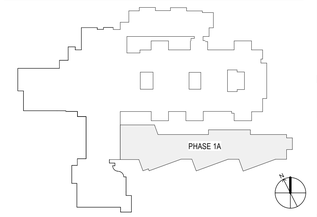
FIRE BARRIERS
- 3-HR FIRE BARRIER
- 2-HR FIRE BARRIER
- 1-HR FIRE BARRIER

FIRE & SMOKE BARRIERS
- 3-HR FIRE & SMOKE BARRIER
- 2-HR FIRE & SMOKE BARRIER
- 1-HR FIRE & SMOKE BARRIER

FIRE PARTITIONS
- 1-HR FIRE PARTITION
- .5-HR FIRE PARTITION

SMOKE BARRIER
- SMOKE BARRIER

KEY PLAN



LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT
WHERE LEARNING LEADS THE WAY

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC.
No. C01205
CORPORATE SEAL

STATE OF SOUTH CAROLINA
DONALD E BAUS, JR
REGISTERED ARCHITECT
INDIVIDUAL SEAL

ISSUE FOR:
CONSTRUCTION DOCUMENTS

ISSUE DATE:
02.16.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE: Don Baus
PROJECT MANAGER: Chris Tymoff
DESIGN TEAM: RB, SK, YK

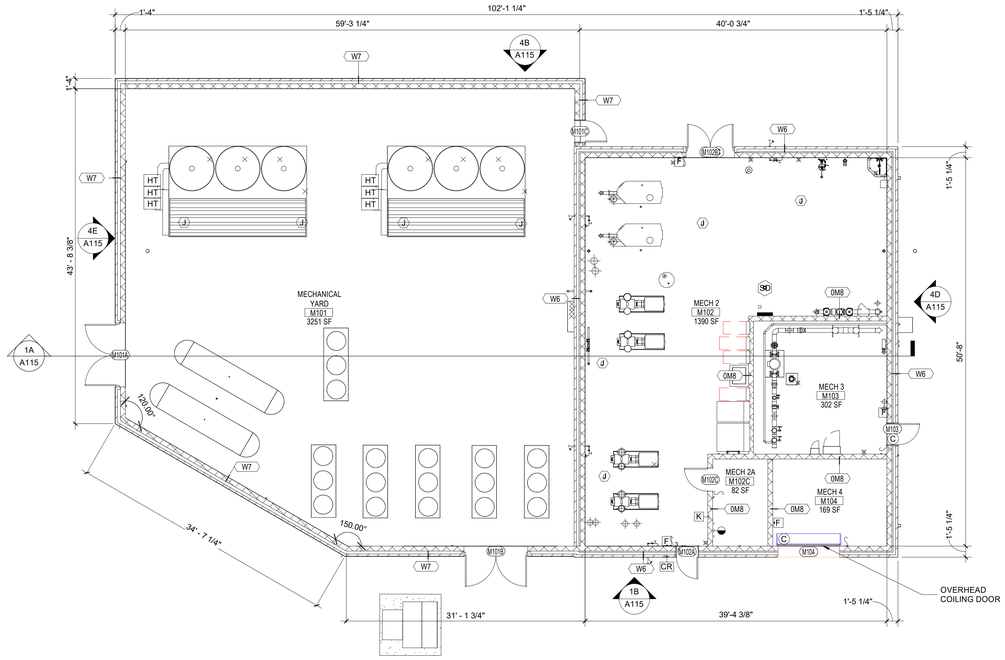
PROJECT NAME:
HILTON HEAD ISLAND HIGH SCHOOL
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.:
4001848600

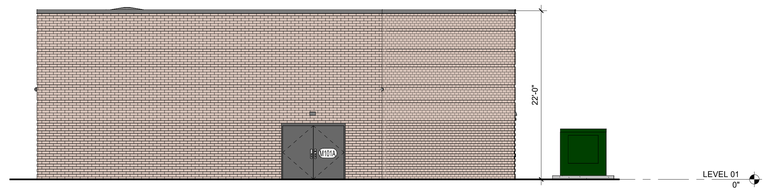
SHEET TITLE:
FLOOR PLAN - OVERALL LEVEL 03 PHASE 1A

SHEET NUMBER:
A103.1A

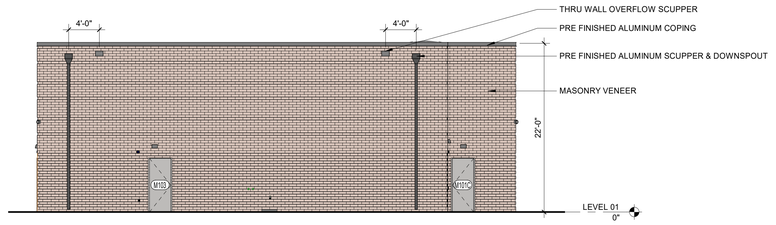
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
2/13/2024 3:08:34 PM



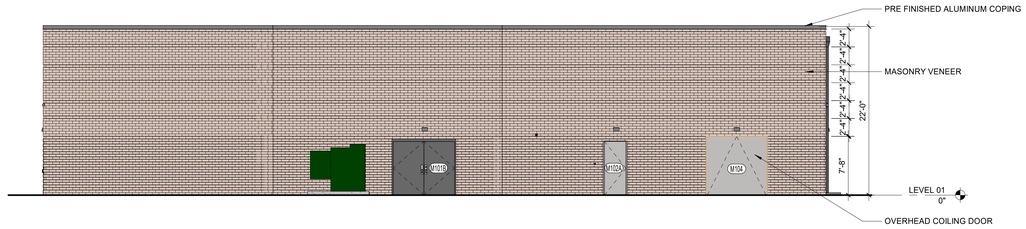
1D LEVEL 1 - MECHANICAL OUT-BUILDING
A115 1/8" = 1'-0"



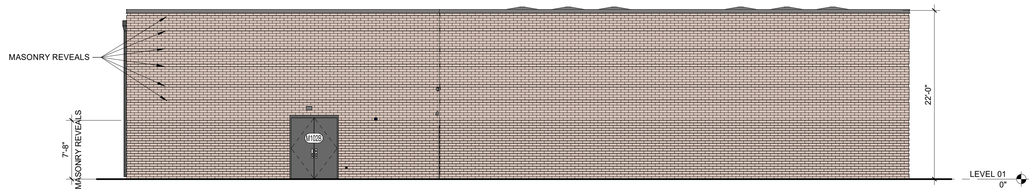
4E WEST ELEVATION - MECHANICAL OUT-BUILDING
A115 1/8" = 1'-0"



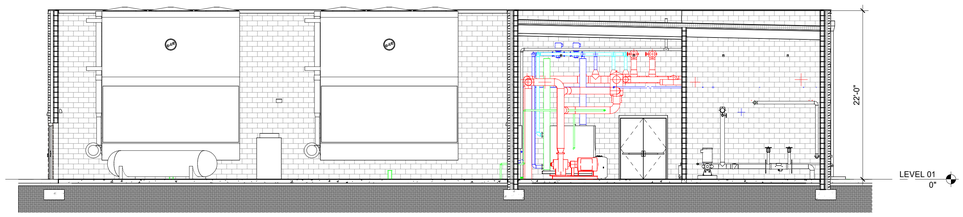
4D EAST ELEVATION - MECHANICAL OUT-BUILDING
A115 1/8" = 1'-0"



1B SOUTH ELEVATION - MECHANICAL OUT-BUILDING
A115 1/8" = 1'-0"



4B NORTH ELEVATION - MECHANICAL OUT-BUILDING
A115 1/8" = 1'-0"



1A BUILDING SECTION - MECHANICAL OUT BUILDING
A115 1/8" = 1'-0"

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT
Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC.
No. C01205
CERTIFICATE OF AUTHORIZATION
CORPORATE SEAL

STATE OF SOUTH CAROLINA
DONALD E. BAUS, JR.
REGISTERED ARCHITECT
INDIVIDUAL SEAL

ISSUE FOR:
CONSTRUCTION DOCUMENTS

ISSUE DATE:
02.16.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RB, SK, YK

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

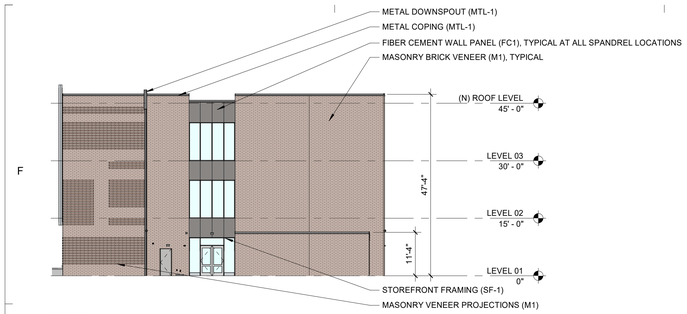
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
FLOOR PLAN/ ELEVATIONS - LEVEL 01 PHASE 1A - MECHANICAL OUTBUILDING

SHEET NUMBER
A115

W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
2/13/2024 3:08:44 PM

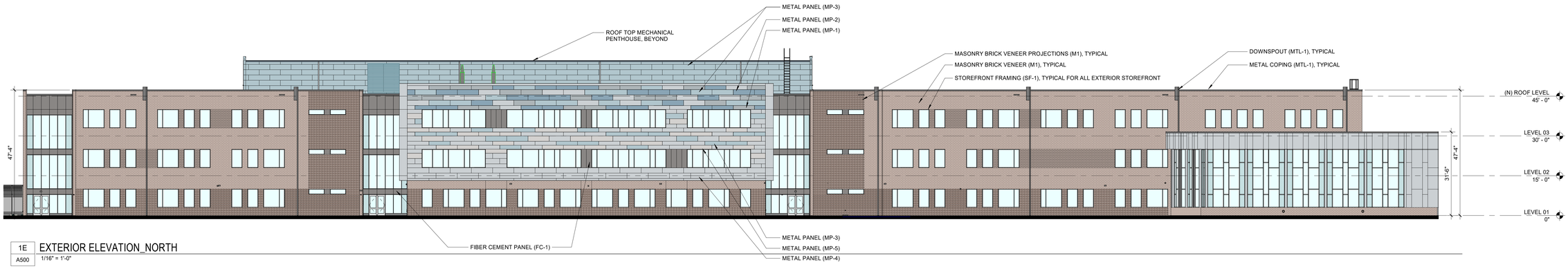


1F EXTERIOR ELEVATION_EAST
A500 1/16" = 1'-0"

MATERIAL CALLOUT LEGEND:

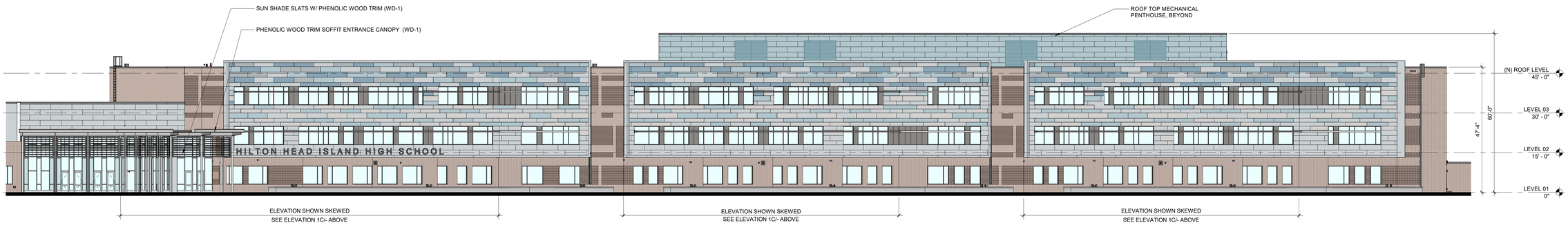
MATERIAL NAME (NUMBER KEYED TO EXTERIOR FINISHES BOARD)

EXTERIOR FINISHES

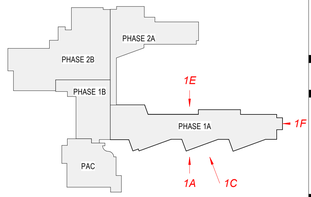


1E EXTERIOR ELEVATION_NORTH
A500 1/16" = 1'-0"

1C EXTERIOR ELEVATION_SOUTH 2
A500 1/16" = 1'-0"



1A EXTERIOR ELEVATION_SOUTH 1
A500 1/16" = 1'-0"



LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC. No. CO1208 CERTIFICATE OF AUTHORIZATION
CORPORATE SEAL

STATE OF SOUTH CAROLINA DONALD E. BAUS, JR. REGISTERED ARCHITECT
INDIVIDUAL SEAL

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.16.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RB, SK, YK

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

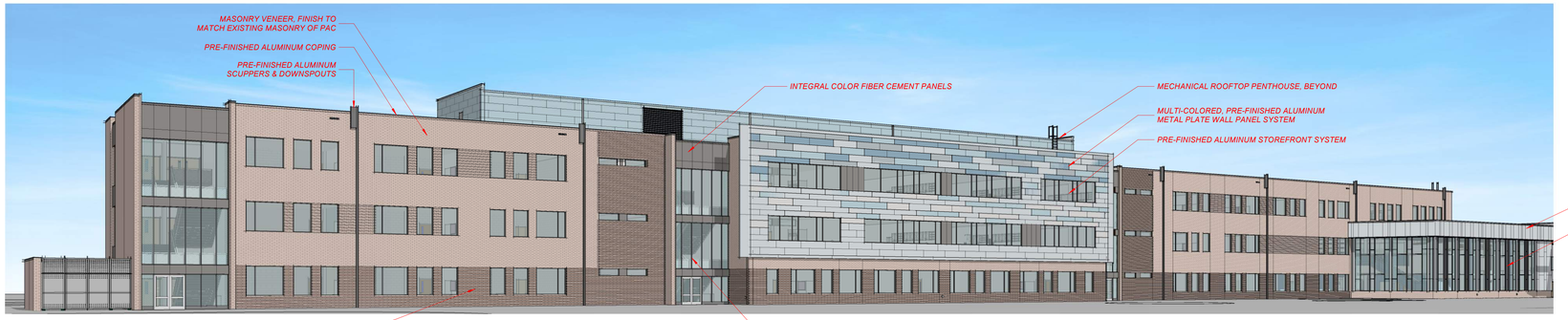
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

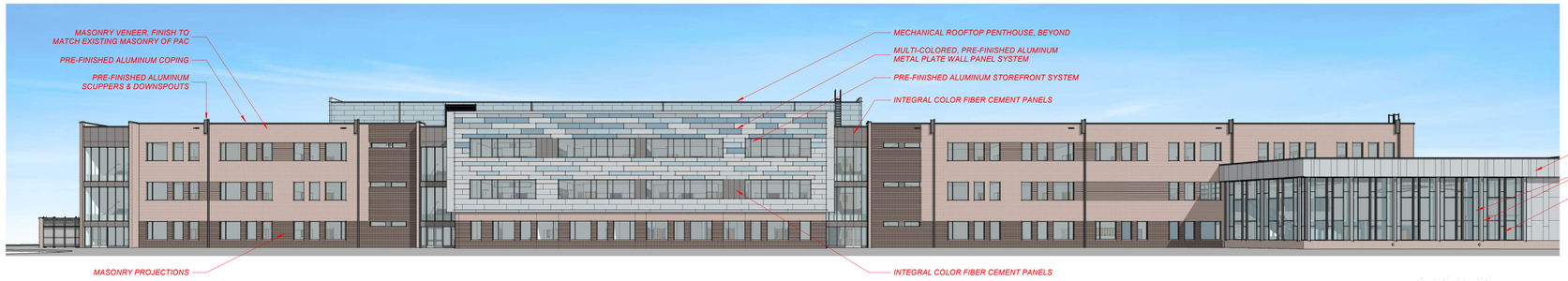
SHEET TITLE
EXTERIOR ELEVATIONS

SHEET NUMBER
A500

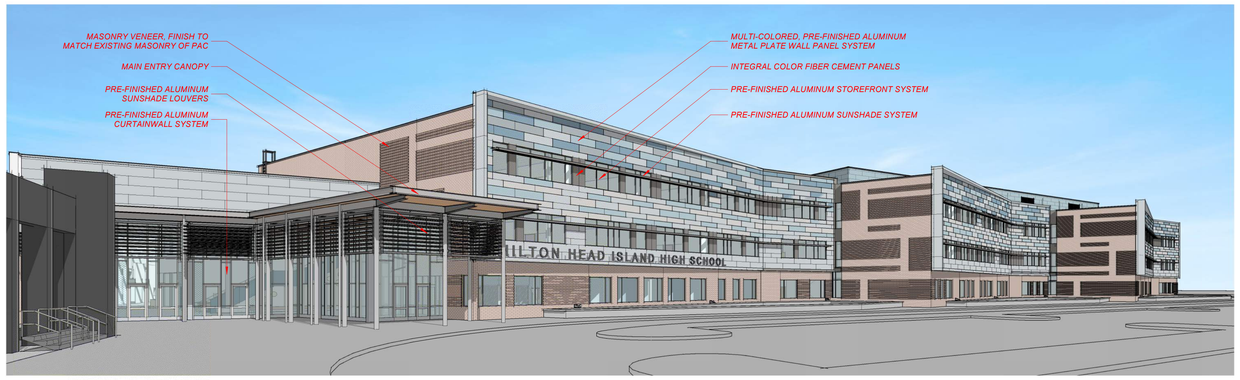
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
2/13/2024 3:09:10 PM



1E A518 VIEW AT COURTYARD

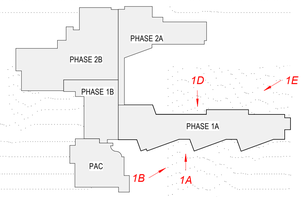


1D A518 NORTH ELEVATION



1B A518 MAIN ENTRY VIEW

1A A518 SOUTH ELEVATION



LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC. No. C01205 CERTIFICATE OF AUTHORIZATION
CORPORATE SEAL

STATE OF SOUTH CAROLINA DONALD E BAUS, JR Charleston SC REGISTERED ARCHITECT
INDIVIDUAL SEAL

ISSUE FOR:
CONSTRUCTION DOCUMENTS

ISSUE DATE:
02.16.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RB, SK, YK

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

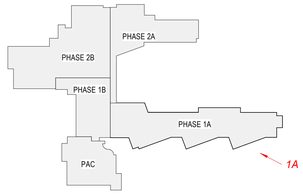
PROJECT NO.
4001848600

SHEET TITLE
EXTERIOR VIEWS

SHEET NUMBER
A518

W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
2/13/2024 3:10:38 PM

1A EXTERIOR VIEW LOOKING NORTHWEST
A519 NOT TO SCALE



LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1969

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC.
No. C01205
CERTIFICATE OF AUTHORIZATION
CORPORATE SEAL

STATE OF SOUTH CAROLINA
DONALD E. BAUS, JR.
REGISTERED ARCHITECT
INDIVIDUAL SEAL

ISSUE FOR:
CONSTRUCTION DOCUMENTS

ISSUE DATE:
02.16.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE: Don Baus
PROJECT MANAGER: Chris Tymoff
DESIGN TEAM: Designer

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

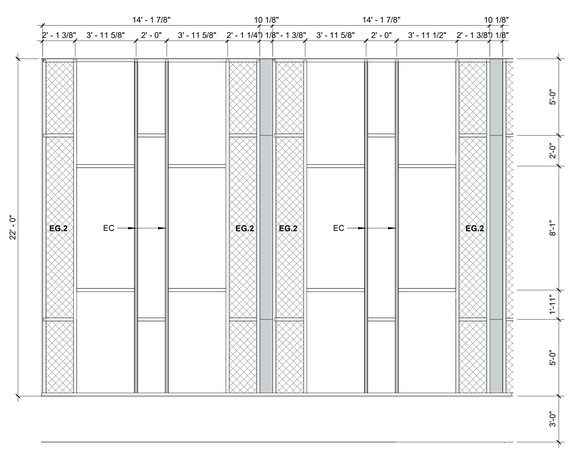
70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

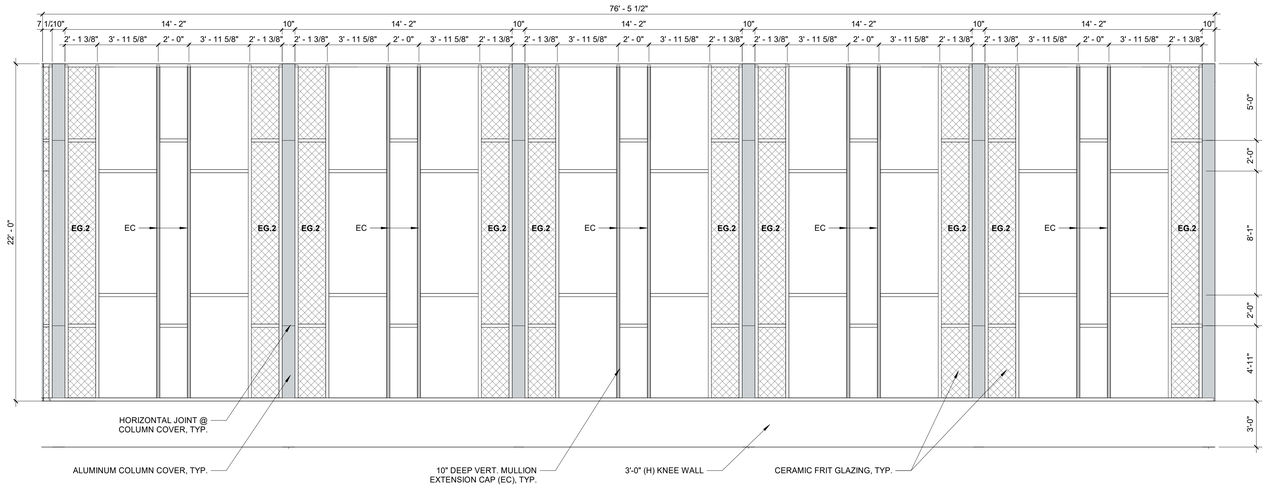
SHEET TITLE
EXTERIOR RENDERING

SHEET NUMBER
A519

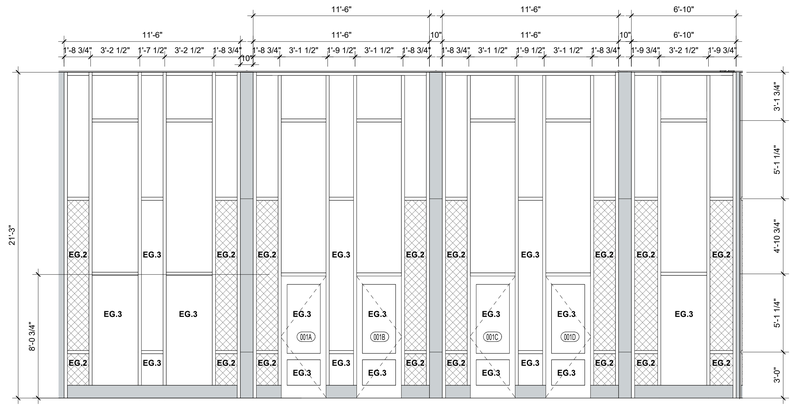
W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
2/13/2024 3:10:42 PM



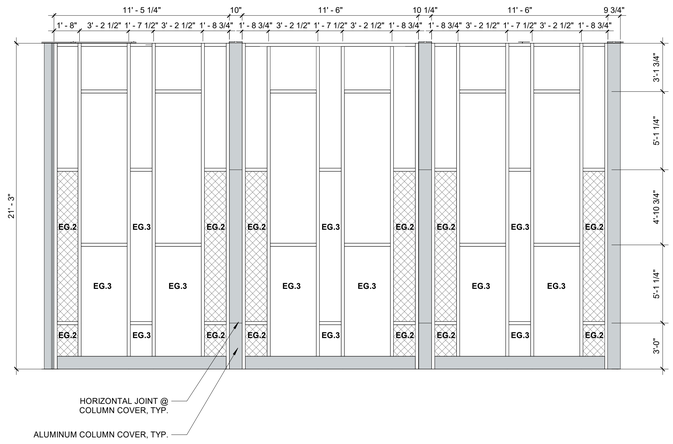
1E A522 CW04
1/4" = 1'-0"



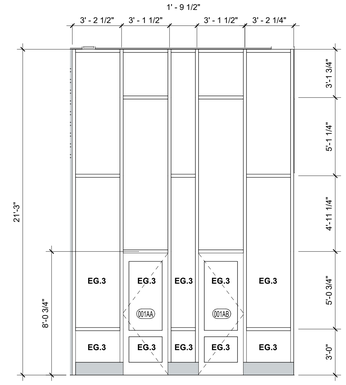
3E A522 CW05
1/4" = 1'-0"



1C A522 CW01
1/4" = 1'-0"



3C A522 CW02
1/4" = 1'-0"



6C A522 CW03
1/4" = 1'-0"

Obscure Glazing
Manufacturer: Walker; Color: Starphire Opaque w/ Pattern

LEGEND AND NOTES

INTERIOR GLAZING	
IG.1	1/4" TEMPERED GLASS (CLEAR)
IG.2	LAMINATED SECURITY GLASS
IG.3	FIRE RATED GLASS (90MIN RATED)

EXTERIOR GLAZING	
EG.1a	1" TEMPERED INSULATED GLASS (SOLARBAN 90)
EG.1b	1" TEMPERED INSULATED GLASS (SOLARBAN 60)
EG.2	1" TEMPERED INSULATED GLASS (SPANDREL W/ CERAMIC FRIT)
EG.3	1" TEMPERED LAMINATED SECURITY GLASS

GLAZING GENERAL NOTES:

1. STOREFRONT TYPES ARE SHOWN IN TYPICAL ELEVATIONS. SOME ELEVATIONS ARE OPPOSITE HAND - REFER TO BUILDING, AND ENLARGED ELEVATIONS TO SEE CORRECT ORIENTATION.
2. ALL EXTERIOR MULLION SIZING SHALL BE 2" x 6" U.N.O.
3. ALL EXTERIOR GLAZING IS **EG.1** U.N.O. AND ALL INTERIOR GLAZING IS **IG.1** U.N.O.
4. ALL EXTERIOR AND INTERIOR GLAZING (STOREFRONT/WINDOWS/DOORS/LIGHTS, ETC) TO RECEIVE SHADES AS NOTED ON FINISH PLANS AND SCHEDULE.

EXTERIOR GLAZING TYPES PER FACADE ORIENTATION:

NORTH:	SOLARBAN 60
SOUTH:	SOLARBAN 90
WEST:	SOLARBAN 90
EAST:	SOLARBAN 90

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
(843) 212-7642
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.
© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC. No. C01209 CERTIFICATE OF AUTHORIZATION
CORPORATE SEAL

STATE OF SOUTH CAROLINA DONALD E. BAUS, JR. REGISTERED ARCHITECT
INDIVIDUAL SEAL

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
02.16.2024

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
Don Baus
PROJECT MANAGER
Chris Tymoff
DESIGN TEAM
RB, SK, YK

PROJECT NAME
HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

PROJECT NO.
4001848600

SHEET TITLE
EXTERIOR GLAZING SYSTEM ELEVATIONS - CURTAIN WALL

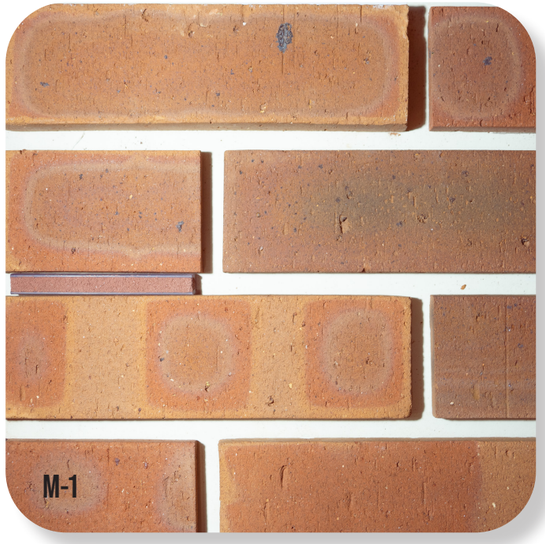
SHEET NUMBER
A522

W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\
2/13/2024 3:10:44 PM

70 WILBORN

DIGITAL COLOR AND MATERIAL BOARD AND SPECIFICATION SHEETS

EXTERIOR FINISHES



Masonry Brick Veneer

Manufacturer: Palmetto Brick; Color: Wirecut Brown
Mortar Manufacturer & Color: Argos Red

Phenolic Wood Soffit Panels

Manufacturer: MEG by Abet Laminati;
Color: Shadwell Oak

Metal Coping/ Downspouts/ Trim

Color to match: SW 9154 Perle Noir

Storefront/ Curtainwall & Sun Control Louvers

Manufacturer: Kawneer; Color: Dark Bronze

Fiber Cement Wall Panel

Manufacturer: American Fiber Cement;
Color: London-160

Metal Plate Wall Panel

Manufacturer: Dri Design
Color 1: Weathered Zinc (EN-V 030); Color 2: Secret Cove (LT482708 70%);
Color 3: Aquaitaine (CFT18864); Color 4: French Moire (CFT18863);
Color 5: Morning Fog (CFT16205)

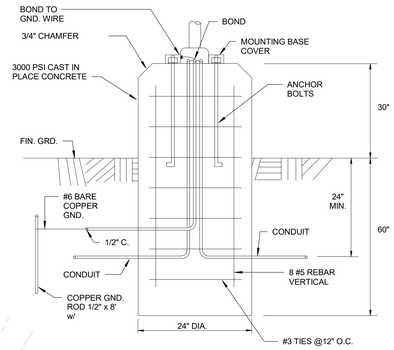
Obscure Glazing

Manufacturer: Walker; Color: Starphire Opaque w/ Pattern

SITE LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	PART NUMBER	FINISH	LAMP QUANTITY	LAMP TYPE	WATTAGE	VOLTAGE	REMARKS
S1	BEACON US ARCHITECTURAL LITHONIA	VP1-160L-100-4K7-3-UNV RZR-PLED-III-M-40LED-700-40K DSX0LED-P7-40K-T3M-MV	FINISH BY ARCHITECT	1	LED	85	UNV	SINGLE HEAD POLE MOUNTED AREA LIGHT WITH 7-PIN PHOTOCELL RECEPTACLE AND SHORTING CAP. PROVIDE ON 5" ROUND ALUMINUM POLE, HEIGHT 22'6".
S2	BEACON US ARCHITECTURAL LITHONIA	VP1-160L-100-4K7-3-UNV RZR-PLED-III-M-40LED-700-40K DSX0LED-P7-40K-T3M-MV	FINISH BY ARCHITECT	2	LED	85	UNV	DUAL HEAD AT 180DEG POLE MOUNTED AREA LIGHT WITH 7-PIN PHOTOCELL RECEPTACLE AND SHORTING CAP. PROVIDE ON 5" ROUND ALUMINUM POLE, HEIGHT 22'6".
SB	LANDSCAPEFORMS	DR400	FINISH BY ARCHITECT	-	LED	14	UNV	LED LIGHTED BOLLARD IN PLANTER. 32" OVERALL HEIGHT.
SF	BK LIGHTING	DELTA STAR	FINISH BY ARCHITECT	-	LED	7	UNV	LED GROUND MOUNTED FLOODLIGHT
W1	LSI HUBBELL LITHONIA	XWS-LED-2L-MTPD-UNV LNC2-9L--070-3-U ARC1LED-P2-MVOLT-FAO	FINISH BY ARCHITECT	-	LED	21	UNV	LED 2000 LUMEN WALL MOUNT FULL CUTOFF WALL PACK, WITH DIFFUSE LENSE, TYPE III DISTRIBUTION
WM	GOTHAM INTENSE PRESCOLITE H.E. WILLIAMS	EVO-AR-MD-LSS-GZ1 GDDR-D101-FL-SF LTR-RD-H-DM1-WD-SS-WT DR-TL-DIM1-O-M-OF-CS	-	-	LED	20	UNV	4" ROUND LED OPEN DOWNLIGHT, 2000 LUMENS

1 LC - Site — SITE PLAN - LIGHTING - DRB
1" = 50'-0"



2 LC - Site — EXTERIOR LIGHTING POLE FOUNDATION
NOT TO SCALE

Parking Photometric Summary
Illuminance (Fc)
Average = 2.32
Maximum = 4.7
Minimum = 0.5
Avg/Min Ratio = 4.64
Max/Min Ratio = 9.40

LITTLE
DIVERSIFIED ARCHITECTURAL CONSULTING
www.littleonline.com

This drawing and the design shown are the property of Little Diversified Architectural Consulting. The reproduction, copying or other use of this drawing without their written consent is prohibited and any infringement will be subject to legal action.

© Little 2023

WHERE LEARNING LEADS THE WAY
BEAUFORT COUNTY SCHOOL DISTRICT

Hilton Head Island High School
70 Wilborn Rd.
Hilton Head Island, SC 29926

Civil Consultant:
Ward Edwards ENGINEERING

Structural Consultant:
MMSA, Inc.
Michael M. Simpson & Associates, Inc.
Consulting Structural Engineers
30 Patewood Drive, Suite 100
Greenville, S.C. 29615
(864) 331-1201

M/E/P Consultant:
Buford Goff & Associates
ENGINEERS AND PLANNERS
EST. 1949

Landscape Consultant:
SURCULUS

Food Service Consultant:
camacho

SOUTH CAROLINA
BUFORD GOFF & ASSOCIATES, INC.
No. 000022
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
BRIAN CURTIS MCSORLEY
No. 14135
2/13/2024

CONSTRUCTION DOCUMENTS

01.11.2024

NO.	REASON	DATE

PRINCIPAL IN CHARGE
Don Baus

PROJECT MANAGER
Chris Tymoff

DESIGN TEAM
Designer

HILTON HEAD ISLAND HIGH SCHOOL

70 Wilborn Rd.
Hilton Head Island, SC 29926

4001848600

Site Photometric Plan

LC - Site

W:\StudioFolder\Subfolder\######## JobName\2 Design\4 Drawings\Revit\

2/13/2024 2:02:36 PM

Type S1/S2

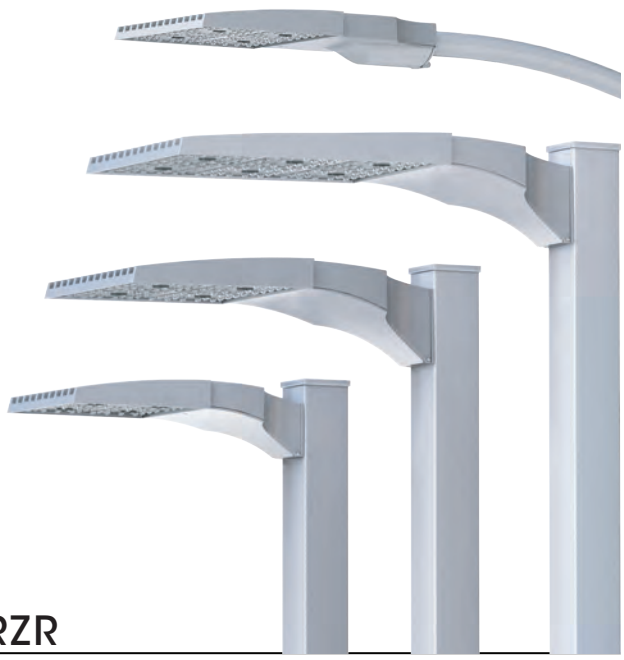
PROJECT NAME:

PROJECT TYPE:

AREA & ROADWAY LIGHTING

RAZAR SERIES - LED

LOW PROFILE AREA LUMINAIRE



RZR

(**MODELS**: RZRM, RZR, RZR-G & RZR-MAF*) PATENT PENDING

Optical Housing
Heavy cast, low copper aluminum assembly (A356 alloy, <.2% copper) minimum wall thickness .188". LED Module mounting area is machined to within a 0.002" surface flatness variance for maximum surface contact and thermal conductivity from the LED modules to the radiating fins. Passive radiating fins above the LED Optics provide superior thermal management and long LED life.The optical and electrical compartments are integrated with the support arm to create one assembly. Cast and hinged driver compartment cover allows access to the drivers and wiring.

Electrical Housing w/ Integrated Arm
Heavy cast low copper aluminum (A356 alloy; <0.2% copper) assembly with integral cooling ribs surrounding the electrical compartment and a flat surface on the top of the arm to accommodate a photocell receptacle. Solid barrier wall separates optical and electrical compartments. The optical compartment and electrical compartment with the integrated support arm combine to create one assembly. Minimum wall thickness is .188". Cast and hinged driver assembly cover is integrated with wiring compartment cover.

PLED™ Optics
Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side and functions as a house side shielding element. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. Panels are field replaceable and field rotatable in 90° increments.

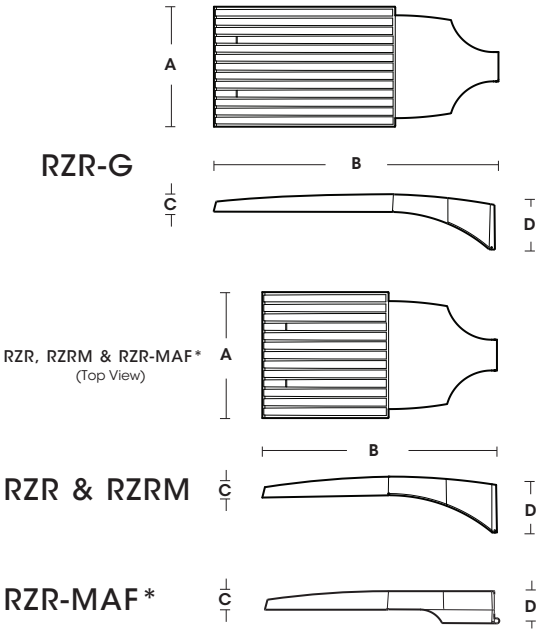
LED Driver(s)
Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized and mounted directly against the Electrical Housing to facilitate thermal transfer, held down by universal clamps to facilitate easy removal. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V, 50/60Hz or 347V-480V, 50,60Hz. (0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field accessible installation.)

LED Emitters
High output LED's are utilized with drive currents ranging from 350mA to 1050mA. 70CRI Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

Amber LED's
TRA (True Amber) LED's utilize material that emits light in the amber spectral bandwidth only without the use of phosphors.

Finish
Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step media blast and iron phosphate pretreatment for protection and paint adhesion. 400°F bake for maximum hardness and durability.

Mast Arm Fitter/Electrical Housing
Replaces standard Electrical Housing. Fits standard 2 3/8" O.D. horizontal tenon. Two (2) straps with two (2) bolts each encircle the lower half of the tenon. Upper half of the tenon rests on self-centering steps that position the angle of the luminaire at 0°, +1.5°, +1.5 or +3° up from the horizontal. All hardware is stainless steel.



FIXTURE	A	B	C	D
RZR-G	15" 381mm	36.5" 927mm	3" 76mm	7" 187mm
RZR	14.75" 375mm	28.25" 718mm	2.75" 70mm	6.5" 165mm
RZRM	11.5" 292mm	22" 559mm	2.5" 64mm	5.25" 133mm
RZR-MAF	15" 381mm	28.25" 724mm	2.5" 64mm	4" 102mm

U.L. Listed for Wet Location

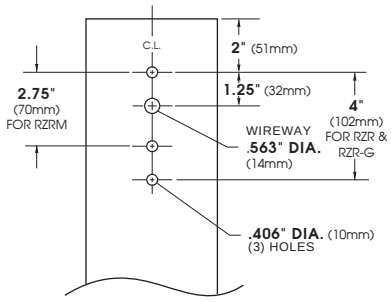
2022158

Type S1/S2

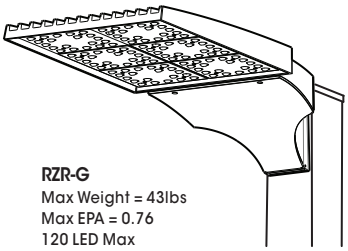
RZR SERIES - LED

SPECIFICATIONS

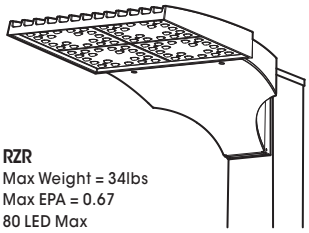
POLE DRILLING TEMPLATE



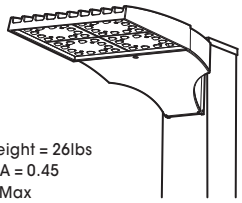
EPA & WEIGHT



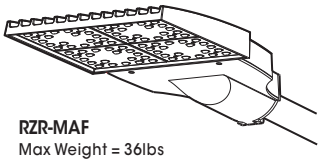
RZR-G
Max Weight = 43lbs
Max EPA = 0.76
120 LED Max



RZR
Max Weight = 34lbs
Max EPA = 0.67
80 LED Max

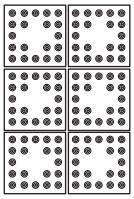


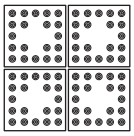
RZRM
Max Weight = 26lbs
Max EPA = 0.45
48 LED Max

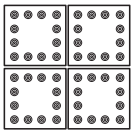


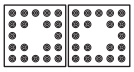
RZR-MAF
Max Weight = 36lbs
Max EPA = 0.56
80 LED Max

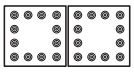
PLED™ MODULES


120 LED Module


80 LED Module


48 LED Module


40 LED Module


24 LED Module

ORDERING INFORMATION

Spec/Order Example: RZR/PLED-IV/80LED-700mA/CW/277/RAL-8019-S

Luminaire	Optics	LED Mode	Voltage	Mounting	Finish	Options
Luminaire	**Optics**	**LED**	**Voltage**	**Mounting**	**Finish**	**Options**
☐ **RZR-G**	PLED™ Distribution Type ☐ Type II **PLED-II** ☐ Type II Front Row **PLED-II-FR** ☐ Type III Median Illuminator **PLED-II-MIL** ☐ Type III Med. **PLED-III** ☐ Type III Wide **PLED-III-W** ☐ Type IV **PLED-IV** ☐ Type IV **PLED-IV-FT** ☐ Type V Narrow **PLED-VSQ-N** ☐ Type V Med. **PLED-V-SQ-M** ☐ Type V Wide **PLED-V-SQ-W**	# of LEDs **RZR-G** ☐ 120LED ☐ 80LED **RZR/RZR-MAF** ☐ 80LED ☐ 40LED **RZRM** ☐ 48LED ☐ 24LED	Drive Current ☐ **1050mA**[1] ☐ **875mA**[1] ☐ **700mA**[1] ☐ **525mA** ☐ **350mA**	Color Temp - CCT ☐ **27K** (2700K) ☐ **30K** (3000K) ☐ **40K** (4000K) ☐ **50K** (5000K) ☐ **TRA** True Amber[2] Consult Factory for Other LED Color, CCT, & CRI Options	☐ **120** ☐ **208** ☐ **240** ☐ **277** ☐ **347** ☐ **480**	Arm Mount ☐ **1** ☐ **2-180** ☐ **2-90** ☐ **3-90** ☐ **3-120** ☐ **4-90** Wall Mount ☐ **WM** WM - Wall Mount provided with mounting bracket and cover.	Standard Textured Finish ☐ Black **RAL-9005-T** ☐ White **RAL-9003-T** ☐ Grey **RAL-7004-T** ☐ Dark Bronze **RAL-8019-T** ☐ Green **RAL-6005-T** Premium Finishes ☐ Rust ☐ Patina Copper **PC** For smooth finish replace suffix "T" with suffix "S" (Example: RAL-9500-S) Consult factor for custom colors	☐ Internal House Side Shield inc. LED Count (Example: HS-PLED/48) **HS-PLED** ☐ External Glare Shield 4 Sided **EGS4** ☐ External Glare Shield 3 Sided Rear Wedge **EGS3W** ☐ Round Pole Adapter **RPA** ☐ Twist Lock Receptable Only **TPR** ☐ 7-Pin Twist Lock Receptable Only **TPR7** ☐ High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25) **HLSW** ☐ Twist Lock Photocell + Voltage (Example: TPC347V) **TPC+V** ☐ Photo Cell + Voltage (Example: PC120V) **PC+V** ☐ Single Fuse (120V, 277V) **SF** ☐ Double Fuse (208V, 240V) **DF** ☐ Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75fc) **MS-F311**
☐ **RZR** ☐ **RZR-MAF**						
☐ **RZRM**						

NOTES:
1 - 700mA, 875mA and 1050mA not for use with TRA LED's

2 - Available in 350mA & 525mA drive currents only

Consult Factory for Other Drive Currents

Type SB

Northport Path Light

Specification Sheet | DR400

Northport path lights are part of the larger Northport collection, drawing on the traditional 'acorn' style luminaires so deeply rooted in American streetscape design heritage with a modern-traditional treatment. Landscape Forms' innovative approach to performance optics, with asymmetric or symmetric distributions provide the required ground plane illumination alongside visual interest created by the interplay of light and shade on the different surfaces of the luminaire. Northport makes a modern, efficient statement in a robust, pubic space-ready form factor.

Housing & Materials

Cast aluminum LED cartridge and structure. LED light engine attached to aluminum cartridge housing using magni-coated steel screws. Housing features an acrylic diffused lens. All hardware is magni-coated steel.

Electrical

120V - 277V, 50/60Hz electronic driver. Phase cut dimming. -20°C start temperature. Surge protected. Cast aluminum driver compartment doors with weather-tight seal assembly located in the lower section of the path light.

Light Engines

Sealed and vented LED cartridge with weatherproof quick disconnect provides ease of installation and serviceability. High powered LEDs mounted to a RoHS compliant circuit board with PMMA optics affixed to each LED on the board. Available in 2700K, 3000K, 3500K and 4000K. >80 CRI across all available color temperatures.

Distributions

TIV

TV

Mounting

Available in surface mount only. Epoxy-embedded anchor bolts and base plate template included.

Warranty

Luminaires are warranted for six years.

Certification

UL Listed for Wet Location, CE, International Dark Sky Approved, Buy America Compliant, RoHS Compliant, cUL

Designed by Robert A.M. Stern Architects

Click here for patent information related to this product.

Type SB

Northport Path Light

Specification Sheet | DR400

Project Information

Project Name _____

Catalog Number _____

Fixture Type _____

Luminaire

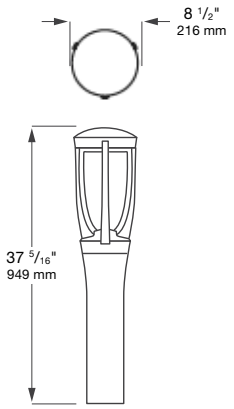
Product	Drive Current	Color Temperature*	Distribution	Powdercoat
DR400 *(Northport Path Light)*	**SO** *(Standard Output)*	**27K** *(2700K)* **30K** *(3000K)* **35K** *(3500K)* **40K** *(4000K)*	**T4** *(Type IV)* **T5** *(Type V)*	**See powdercoat color options on the Material / Colors Sheet.**

Example: DR400 – SO – 27K – T5 – Powdercoat

* *For Dark Sky certification, 3000k or warmer must be selected.*

Other color temperatures available upon request.

Luminaire Dimensions



TM21 L70(10k): >60,000 hrs

Protection Class: IP66

Weight: 22 lbs

Type SB

Northport Path Light

Specification Sheet | DR400

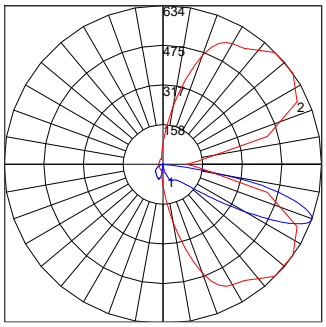
Model	Drive Current	Color Temperature	Lumen Output*	Distribution	Lens	Watts	BUG Rating
DR400-SO-T4	400mA	3500K	645	Type 4	Frosted	7.83	B0-U1-G1
DR400-SO-T5	600mA	3500K	1056	Type 5	Frosted	13.31	B1-U1-G1

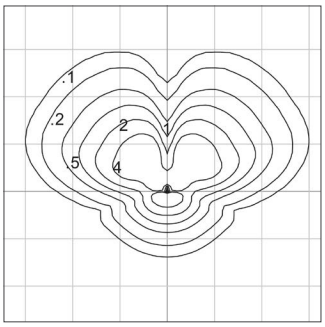
This data is subject to change.

* *Apply 0.9 multiplier for 2700K, 0.96 for 3000K, and 1.007 for 4000K color temperatures.*

DR400-SO-T4

400 Series, Type IV, Standard Output

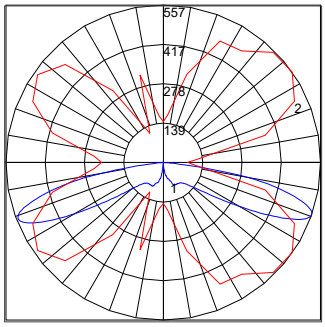


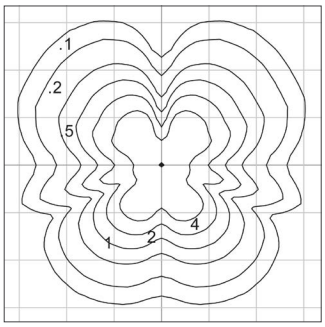


3 ft (0.9m) path light unit and 5 ft (1.5m) grid spacing depicted.

DR400-SO-T5

400 Series, Type V, Standard Output





3 ft (0.9m) path light unit and 5 ft (1.5m) grid spacing depicted.

Type SF

DELTA STAR LED

IP66 RATED

DATE: | PROJECT: | TYPE:

CATALOG NUMBER LOGIC:

**Designed for use with LED transformer. Requires magnetic low voltage dimmer.*

***Please see Adjust-e-Lume photometry to determine desired intensity.*

****The 360SL cost is already included in the price of UPM, UPM dual, and Power Canopy.*

CATALOG NUMBER LOGIC	
Example: B - DS - LED - e64 - SP - A7 - BZP - 12 - 11 - A - 360SL	
MATERIAL	
(Blank) - Aluminum	B - Brass S - Stainless Steel
SERIES	
DS - Delta Star	
SOURCE	
LED - with Integral Dimming Driver (25W min. load when dimmed)*	
LED TYPE	
e64 - 7W LED/2700K	e79 - 7W LED/2700K 90CRI
e65 - 7W LED/3000K	e80 - 7W LED/3000K 90CRI
e66 - 7W LED/4000K	e81 - 7W LED/3500K 80CRI
e74 - 7W LED/Amber	
OPTICS	
NSP - Narrow Spot (13°)	MFL - Medium Flood (23°)
SP - Spot (16°)	WFL - Wide Flood (31°)
ADJUST-E-LUME® OUTPUT INTENSITY**	
A9 (Standard), A8, A7, A6, A5, A4, A3, A2, A1	
FINISH (See page 2 for full-color swatches)	
Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)	
Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)	
Also available in RAL Finishes	
Brass Finishes (MAC, POL, MIT)	
Stainless Steel Finishes (MAC, POL)	
LENS TYPE	
12 - Soft Focus	13 - Rectilinear
SHIELDING	
11 - Honeycomb Baffle	
CAP STYLE	
A - 45°	
B - 90°	
C - Flush Lens	
D - 45° Less Weephole (Interior use only)	
E - 90° Less Weephole (Interior use only)	
F - 90° with Flush Lens	
OPTION	
360SL - Knuckle Mounting System***	
MOD OPTIONS	
5 - 5 Ft Leads	
25 - 25 Ft Leads	

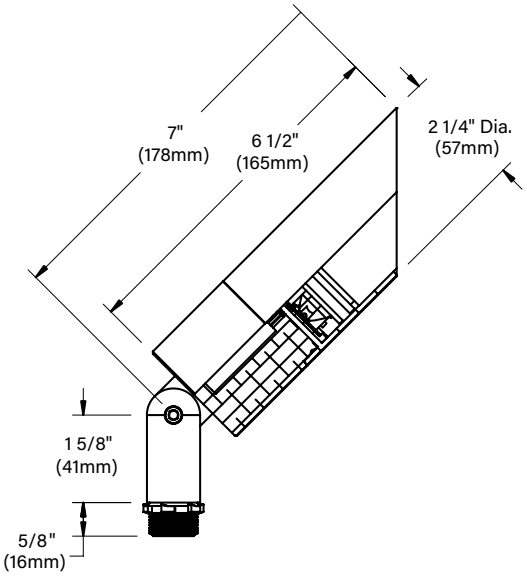
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.

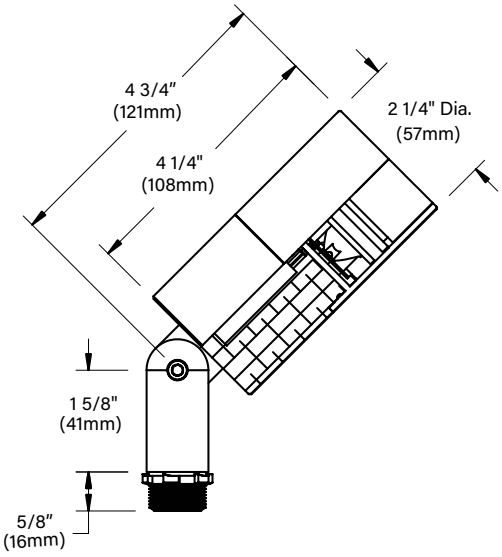
Type SF

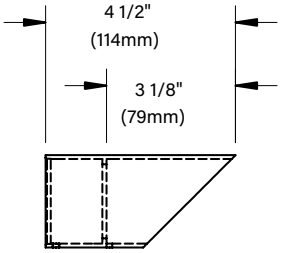
DELTA STAR LED

IP66 RATED

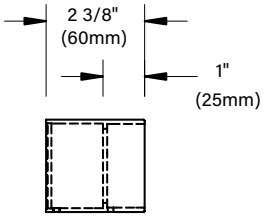
DATE:	PROJECT:	TYPE:



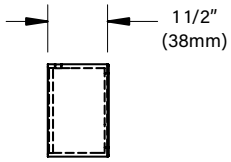




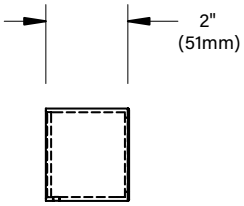
A/D CAP



B/E CAP



C CAP



F CAP

STANDARD FINISHES

Satin Black (BLP)	Satin Bronze (BZP)	Satin White (WHP)	Satin Aluminum (SAP)
Black Wrinkle (BLW)	Bronze Wrinkle (BZW)	White Wrinkle (WHW)	Verde (VER)

Click Here to view larger, full-color swatches of all available finishes on our website.

PREMIUM FINISHES

Cascade Mtn. Granite (CMG)	Rocky Mtn. Granite (RMG)	Sierra Mtn Granite (SMG)	Aleutian Mtn Granite (AMG)	Textured Forest (TXF)
Black Chrome (BCM)	Beige (BGE)	Weathered Copper (WCP)	Old Copper (OCP)	Hunter Green (HUG)
Antique Brass Powder (ABP)	Brown Patina Powder (BPP)	Sonoran Desert Sandstone (SDS)	Weathered Iron (WIR)	Clear Anodized Powder (CAP)
Cream (CRM)	Antique White (AQW)	Natural Brass Powder (NBP)		

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.

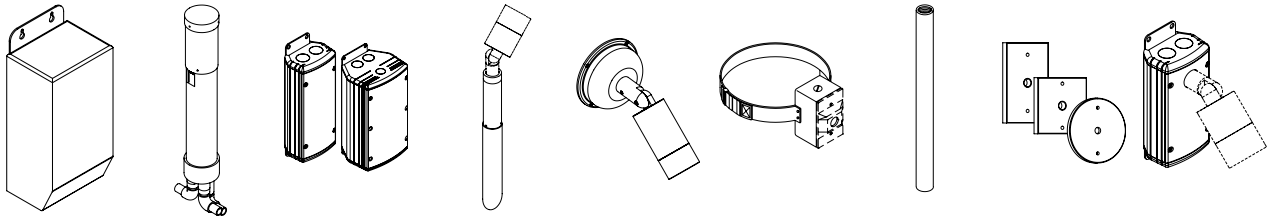
Type SF

DELTA STAR LED

IP66 RATED

DATE:	PROJECT:	TYPE:

Accessories (Configure separately)



TR Series | Power Pipe | UPMRM | Power Pipe | Power Canopy | Tree Strap | Stems | Canopies | UPM

SPECIFICATIONS

ELECTRICAL	WATTAGE	7W LED
	WIRING	XLPE, 18GA,150C, 600V, rated and certified to UL3321.
	REMOTE TRANSFORMER	For use with 12VAC remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.
PHYSICAL	MATERIALS	Furnished in copper-free aluminum (6061-T6), brass (360) or stainless steel (304).
	BODY	Unibody design with enclosed, water-proof wireway and integral heat sink is fully machined from solid billet.
	KNUCKLE	LOCK Knuckle is integral to the body and features an interior taper machined from solid billet and a second, reverse angle taper allowing full 180° vertical adjustment without the use of aim-limiting serrated teeth. High temperature, silicone 'O' Ring provides water-tight seal and compressive resistance to maintain fixture position. Design withstands 73 lbs. static load prior to movement for optical alignment with a ½" pipe thread for mounting. Optional 360SL provides biaxial source control with 360° horizontal rotation in addition to vertical adjustment.
	CAP	Fully machined and accommodates two (2) lens or louver media.
	LENS	Shock-resistant, tempered glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment.
	LED	Integrated solid state system and modular design with electrical disconnects allow for easy field upgrade and maintenance. High power, forward throw source complies with ANSI C78.377 binning requirements and exceeds ENERGY STAR® lumen maintenance requirements. LM-80 certified components. Integral, constant current driver. 12VAC/VDC input. 50/60Hz. Proprietary input control scheme achieves power factor correction and eliminates inrush current (limited to <250mA non-dimming). Output, overvoltage, open-circuit, and short circuit protected. Conforms to Safety Std. C22.2 No. 250.13-12.
	DIMMING	Line voltage dimmable via magnetic low voltage dimmer with dedicated neutral conductor. Remote magnetic transformer with LED loads should be loaded to 25% of the transformer VA (watts) rated value.
	ADJUST-E-LUME	Integral electronics allow for dynamic lumen response at the individual fixture. Indexed (100% to 25% nom.) lumen output. Maintains output at desired level or may be changed. Specify factory preset output intensity.
	OPTICS	Interchangeable OPTIKIT modules permit optical field changes. Color-code: Narrow Spot (NSP) = red; Spot (SP) = green; Medium Flood (MFL) = yellow; Wide Flood (WFL) = blue.
	HARDWARE	Tamper-resistant, stainless steel hardware. LOCK aiming screw is black oxide treated for additional corrosion resistance.
	FINISH	StarGuard, our 15-stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating and is RoHS compliant. Powder coat or metal finish options available for brass material and metal finish option only for stainless steel material.
	WARRANTY	5-year limited warranty.
	CERTIFICATION & LISTING	ITL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHS compliant. Suitable for indoor or outdoor use, in wet locations, and for installation within 4' of the ground. IP66 Rated. Made in the USA with sustainable processes.

c UL us LISTED

RoHS

MADE IN THE USA

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.

Catalog # : _____ Type W1 Project : _____ Type : _____

Prepared By : _____ Date : _____

Mirada Small Wall Sconce Visual Comfort (XWS VC)

Outdoor LED Wall Light

OVERVIEW	
Lumen Package (lm)	2,000 - 6,000
Wattage Range (W)	15 - 52
Efficacy Range (LPW)	119 - 151
Weight lbs (kg)	8 (3.6)

QUICK LINKS

Ordering Guide | Performance | Photometrics | Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Extended housing available with 1/2" threaded hubs for surface conduit and rated wire.
- Standard luminaire shipping weight: 10 lbs in carton.
- Max luminaire shipping weight (with back housing): 20 lbs in carton.

Optical System

- Choice of acrylic lens or high impact resistant polycarbonate lens
- The lens is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire
- Reflector system with recessed light engine reduces glare and brightness.
- Forward Throw Wide and Medium distributions available.
- Optional diffused lens for reduced LED pixilation over the lens and maximum visual comfort.
- Zero uplight.
- Available in 5000K, 4000K, 3500K, 3000K and 2700K color temperatures per ANSI C78.377.
- Minimum CRI of 80

Electrical

- High-performance driver features over-voltage under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion (THD): <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Power factor (PF): >.90
- Input power stays constant over life.
- Optional 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance. Driver complies with FCC standards. Accessible driver and electrical components.
- Optional Dual Drivers/Circuit/Power Feeds.
- Optional battery backup provides 90-minutes of constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance. Standard battery rated for 0° to 50° with cold weather battery rated for -20°C to 50°. 120-277V Only.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7.

Installation

- Universal wall mounting plate mounts directly to vertical surface or 4" junction box (octagonal or square).
- Luminaire hinges to the top of the mounting plate and is secured via two flush mount screws that help to conceal the hardware and prevent over tightening during installation.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 2700K or 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP65 rated luminaire per IEC 60598-1.
- IK10 rated luminiare per IEC 66262 mechanical impact code with clear polycarbonate lens (MTP).
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product are DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

Mirada Small Wall Sconce Visual Comfort (XWS VC)

Type W1

Type : _____

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

Back to Quick Links

TYPICAL ORDER EXAMPLE: XWS LED 6L FTW UNV DIM 40 80CRI ALBCS1 BLK EH

Prefix	Light Source	Lumen Package	Distribution/Lens	Voltage	Driver
XWS - Mirada Small Wall Sconce	**LED**	**2L** - 2,000 **3L** - 3,000 **5L** - 5,000 **6L** - 6,000 **Custom Lumen Packages**[1]	**FTW** - Forward Throw Wide Clear Acrylic **MT** - Medium Throw Clear Acrylic **MTD** - Medium Throw Diffuse Acrylic **MTP** - Medium Throw Clear Polycarbonate **MTPD** - Medium Throw Diffuse Polycarbonate	**UNV** - Universal Voltage (120-277V) **HV** - High Voltage (347-480V)[2]	**DIM** - 0-10v Dimming (0-10%)

Color Temperature	Color Rendering	Controls	Finish	Options
27 - 2700K **30** - 3000K **35** - 3500K **40** - 4000K **50** - 5000K	**80CRI** - 80 CRI	**Blank** - None **Wireless Controls** **ALSC** - AirLink Synapse Control System **ALSCS1** - AirLink Synapse Control System with 8-12' MH Motion Sensor **ALSCS2** - AirLink Synapse Control System with 12-20' MH Motion Sensor **ALBCS1** - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' mounting height) **Standalone Controls** **EXT** - 0-10v Dimming leads extended to housing exterior **IMSBT1L** - Integral Bluetooth™ Motion and Photocell Sensor 8-24' MH[3,4,5] **Button Type Photocells** **PCI120** - 120V **PCI208-277** - 208 -277V **PCI347** - 347V	**BLK** - Black **BRZ** - Dark Bronze **GMG** - Gun Metal Gray **GPT** - Graphite **MSV** - Metallic Silver **PLP** - Platinum Plus **SVG** - Satin Verde Green **WHT** - White	**Blank** - None **2DP** - Dual Driver, Circuit & Power Feed[3,4,6,7] **BB** - Battery Back-up (0°C)[3,4,9] **CWBB** - Cold Weather Battery Backup(-20°C)[3,4,9] **EH** - Extended Housing[4] **SP1** - 10kV Surge Protection Device **TP** - Tamper Proof[10]

Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800

ACCESSORY ORDERING INFORMATION[7]

Part Number	Description
758270	XWS Performance Lens (FTW)
758267	XWS Clear Acrylic Lens (MT)
758268	XWS Diffuse Acrylic Lens (MTD)
758271	XWS Polycarbonate Vandal Lens (MTP)

Part Number	Description
758274CLR	XWS Extended Housing/Surface Conduit Wiring Box
760159CLR	XWS Spacer Plate/Wiring Box
783974	XWS Tamper Resistant Hardware
783975	XWS Tamper Resistant Hardware Screw Driver

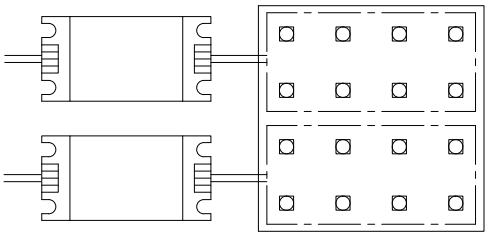
Battery Backup

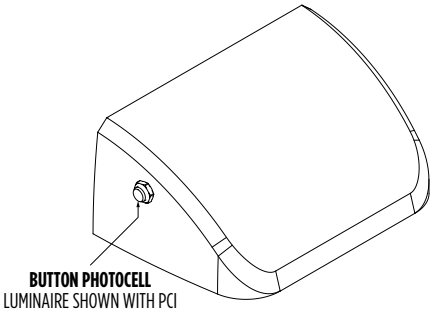
- Emergency battery system provides 90-minutes of constant power to the LED system, ensuring code compliance.
- A test switch/indicator button is installed on the housing for ease of maintenance.
- 8w tbattery delivers ~1,200 lumens during emergency mode.
- 20w battery delivers ~3,000 lumens during emergency mode.

Luminaire shown with sensor & battery backup

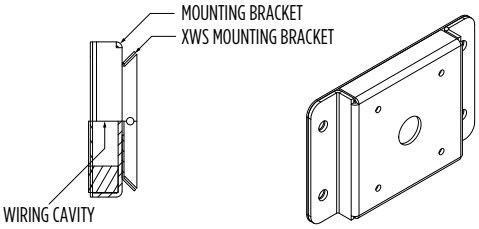
Dual Driver, Circuit, & Power Feed

- Dual drivers and circuit provide redundant sources to ensure that failure of one component will not leave total darkness in any space. Dual power feeds allow for wiring to inverters to reduce load during emergency operation. Extended housing required.





BUTTON PHOTOCELL
LUMINAIRE SHOWN WITH PCI



1 Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
2 Not available in 2L lumen package.
3 Option requires EH extended housing.
4 For applications with surface conduit, there is limited hub accessibility when ordering with controls, battery backup or dual driver options. Consult factory.
5 IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
6 Not available with controls.
7 Not available in 2L and 3L lumen packages.
8 Accessories are shipped separately and field installed.
9 Universal Voltage Only (120-277V).
10 Tamper-proof screwdriver must be ordered separately (see accessory ordering information)

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

PERFORMANCE

Back to Quick Links

Delivered Lumens[1]

Lumen Package	Distribution	CRI	2700K CCT			3000K CCT			3500K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	Bug Rating	Delivered Lumens	Efficacy	Bug Rating	Delivered Lumens	Efficacy	Bug Rating	Delivered Lumens	Efficacy	Bug Rating	Delivered Lumens	Efficacy	Bug Rating	
2L	FTW	80	1,961	131	B1-U0-G1	2,071	138	B1-U0-G1	2,120	141	B1-U0-G1	2,145	143	B1-U0-G1	2,167	144	B1-U0-G1	15
	MT		2,023	135	B1-U0-G0	2,136	142	B1-U0-G0	2,188	146	B1-U0-G0	2,216	148	B1-U0-G0	2,236	149	B1-U0-G0	
	MTD		1,892	126	B1-U0-G1	1,997	133	B1-U0-G1	2,045	136	B1-U0-G1	2,072	138	B1-U0-G1	2,090	139	B1-U0-G1	
	MTP		2,020	135	B1-U0-G0	2,133	142	B1-U0-G0	2,184	146	B1-U0-G0	2,213	148	B1-U0-G0	2,233	149	B1-U0-G0	
	MTPD		1,744	116	B1-U0-G1	1,842	123	B1-U0-G1	1,887	126	B1-U0-G1	1,911	127	B1-U0-G1	1,928	129	B1-U0-G1	
3L	FTW	80	3,432	132	B1-U0-G1	3,624	139	B1-U0-G1	3,710	143	B1-U0-G1	3,759	145	B1-U0-G1	3,793	146	B1-U0-G1	26
	MT		3,542	136	B1-U0-G1	3,739	144	B1-U0-G1	3,829	147	B1-U0-G1	3,879	149	B1-U0-G1	3,914	151	B1-U0-G1	
	MTD		3,495	134	B1-U0-G1	3,690	142	B1-U0-G1	3,778	145	B1-U0-G1	3,828	147	B1-U0-G1	3,862	149	B1-U0-G1	
	MTP		3,537	136	B1-U0-G1	3,735	144	B1-U0-G1	3,824	147	B1-U0-G1	3,874	149	B1-U0-G1	3,909	150	B1-U0-G1	
	MTPD		3,054	117	B1-U0-G1	3,224	124	B1-U0-G1	3,303	127	B1-U0-G1	3,345	129	B1-U0-G1	3,375	130	B1-U0-G1	
5L	FTW	80	4,980	128	B1-U0-G1	5,257	135	B1-U0-G1	5,383	138	B1-U0-G1	5,454	140	B1-U0-G1	5,503	141	B1-U0-G1	39
	MT		5,138	132	B1-U0-G1	5,425	139	B1-U0-G1	5,555	142	B1-U0-G1	5,628	144	B1-U0-G1	5,678	146	B1-U0-G1	
	MTD		4,805	123	B1-U0-G1	5,074	130	B1-U0-G1	5,195	133	B2-U0-G1	5,263	135	B2-U0-G1	5,310	136	B2-U0-G1	
	MTP		5,132	132	B1-U0-G1	5,418	139	B1-U0-G1	5,548	142	B1-U0-G1	5,621	144	B1-U0-G1	5,671	145	B1-U0-G1	
	MTPD		4,430	114	B1-U0-G1	1,677	120	B1-U0-G1	4,791	123	B1-U0-G1	4,852	124	B1-U0-G1	4,896	126	B1-U0-G1	
6L	FTW	80	6,362	122	B1-U0-G1	6,717	129	B2-U0-G1	6,877	132	B2-U0-G1	6,968	134	B2-U0-G1	7,031	135	B2-U0-G1	52
	MT		6,564	126	B2-U0-G1	6,931	133	B2-U0-G1	7,097	136	B2-U0-G1	7,190	138	B2-U0-G1	7,254	140	B2-U0-G1	
	MTD		6,139	118	B2-U0-G1	6,482	125	B2-U0-G1	6,637	128	B2-U0-G1	6,724	129	B2-U0-G1	6,784	130	B2-U0-G1	
	MTP		6,354	122	B2-U0-G1	6,708	129	B2-U0-G1	6,869	132	B2-U0-G1	6,959	134	B2-U0-G1	7,021	135	B2-U0-G1	
	MTPD		5,659	109	B1-U0-G1	5,975	115	B2-U0-G1	6,121	118	B2-U0-G1	6,199	119	B2-U0-G1	6,255	120	B2-U0-G1	

Electrical Data - Current Draw AMPS[2]

Lumen Package	120V	208V	240V	277V	347V	480V
2L	0.12	0.07	0.06	0.05	0.04	0.03
3L	0.21	0.12	0.11	0.09	0.07	0.05
5L	0.32	0.19	0.16	0.14	0.11	0.08
6L	0.43	0.25	0.22	0.19	0.15	0.11

Recommended Lumen Maintenance - XWS[3]

Ambient Temperature C°	Initial[4]	25K hrs.[4]	50K hrs.[4]	75K hrs.[5]	100K hrs.[5]
25	100%	97%	92%	88%	84%
40	100%	95%	90%	85%	81%

1 LEDs are frequently updated therefore values are nominal
2 Electrical data at 25C (77F). Actual wattage may differ by +/-10%.
3 Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
4 In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X)the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).
5 In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

PHOTOMETRICS

Back to Quick Links

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

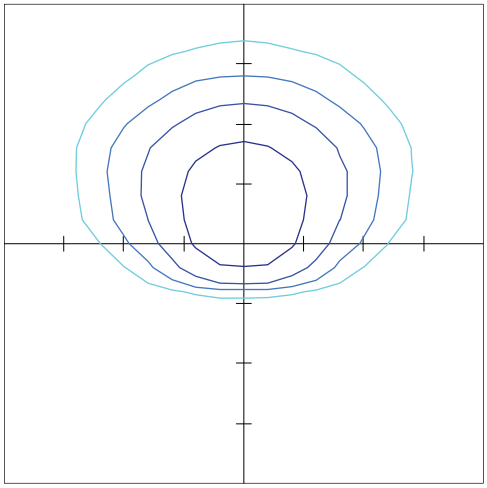
See the individual product page on https://www.lsicorp.com/ for detailed photometric data.

XWS-LED-5L-FTW-40

Luminaire Data	
Wide Distribution	
Description	4000 Kelvin, 80 CRI
Delivered Lumens	5,454
Watts	39
Efficacy	140
IES Type	Type IV - Very Short
BUG Rating	B1-U0-G1

Zonal Lumen Summary		
Zone	**Lumens**	**% Luminaire**
Low (0-30°)	1,191	20%
Medium (30-60°)	2,668	50%
High (60-80°)	1,508	28%
Very High (80-90°)	87	1%
Uplight (90-180°)	0	0%
Total Flux	5,454	100%

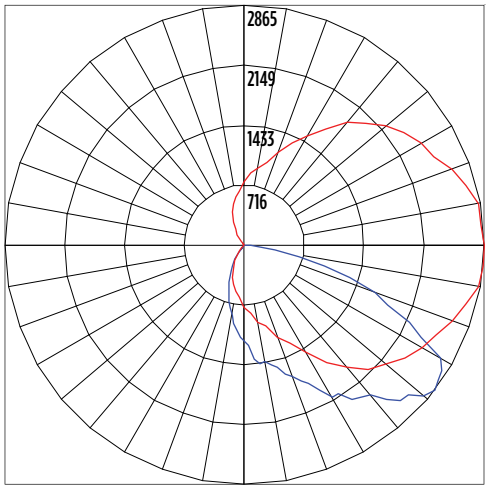
ISO Footcandle



10' Mounting Height / 10' Grid Spacing

5 FC 2 FC 1 FC 0.5 FC

Polar Curve



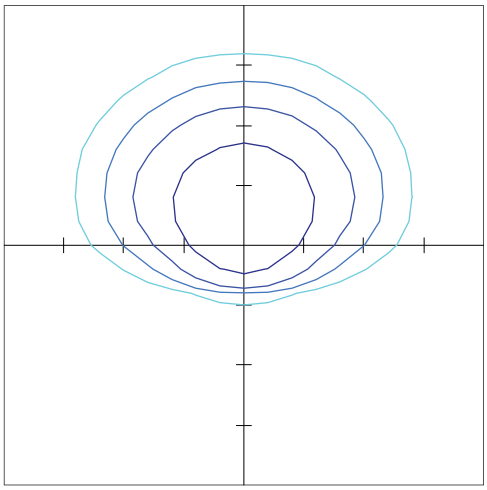
Vertical Plane Horizontal Cone

XWS-LED-5L-MT-40

Luminaire Data	
Wide Distribution	
Description	4000 Kelvin, 80 CRI
Delivered Lumens	5,628
Watts	39
Efficacy	144
IES Type	Type III - Very Short
BUG Rating	B1-U0-G1

Zonal Lumen Summary		
Zone	**Lumens**	**% Luminaire**
Low (0-30°)	1,134	22%
Medium (30-60°)	2,788	54%
High (60-80°)	1,194	23%
Very High (80-90°)	11	0%
Uplight (90-180°)	0	0%
Total Flux	5,127	100%

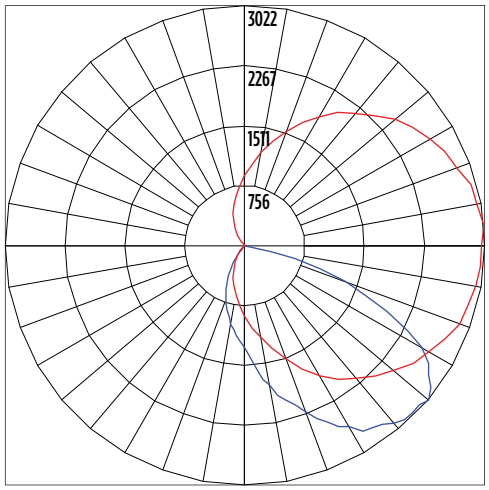
ISO Footcandle



10' Mounting Height / 10' Grid Spacing

5 FC 2 FC 1 FC 0.5 FC

Polar Curve



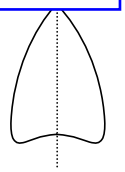
Vertical Plane Horizontal Cone

©LSI Industries Inc. All Rights Reserved. Specifications and dimensions subject to industry standard tolerances. Specifications subject to change without notice.

gotham® | EVO®

Multiple Layers of Light

Type WM



Luminaire Type:

Catalog Number:

General Illumination Round Downlight 4"

OVERVIEW

Feature Set

- Bounding Ray™ optical design
- Unitized optics mechanically attach the light engine to the lower reflector for complete optical alignment.
- 45° cutoff to source and source image
- Fully serviceable and upgradeable lensed LED light engine
- 70% lumen maintenance at 60,000 hours
- 2.5 MacAdam Ellipse; 85 CRI typical, 90+ CRI optional
- Fixtures are wet location, covered ceiling
- Available with 10% dimming, 1% dimming, or dim to dark
- Batwing distribution with feathered edges provides even illumination on horizontal and vertical surfaces
- ENERGY STAR® certified product
- UGR of zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg per CIE 117-1995 Discomfort Glare in Interior Lighting. UGR FAQ

Distribution

Medium (MD) 0.9 S:MH

Medium Wide (MDW) 1.0 S:MH

Wide (WD) 1.2 S:MH

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.

*See ordering tree for details

Superior Perfomance*

Nominal Lumens	250	500	750	1000	1500	2000	2500	3000	3500	4000	4500
Delivered Lumens	271	573	808	1001	1527	1994	2580	3110	3612	4120	4584
Wattage	3.1	7.2	7.9	8.8	13.7	19.5	25.7	31.2	38.4	35.4	40.1
Lumens per Watt	87.4	79.6	102.3	113.8	111.5	102.3	100.4	99.7	94.1	116	114

*Based on 3500K AR LSS MWD 80CRI

COMPLEMENTARY PRODUCTS

Coordinated Apertures | Multiple Layers of Light

General Illumination Layer | EVO

High Center Beam Layer | Incito

EVO + Incito — Multiple Layers of Light

Core

Downlight | Adjustable | Open Wallwash | Lensed Wallwash | Cylinder | Pinhole | Bevel | Hyperbolic

Healthcare

MRI | Surgical Suite | Patient Room

Special Applications

Dynamic | Food Service | Vandal/Tamper | Clean Room | Shower | Steam Room

GOTHAM ARCHITECTURAL DOWNLIGHTING | 1400 Lester Road Conyers, GA 30012 | P 800-705-SERV (7378) | gothamlighting.com
© 2014-2023 Acuity Brands Lighting Inc. All Rights Reserved. Rev. 10/24/23 Specifications subject to change without notice.

ORDERING INFORMATION

Design Select options indicated by this color background.

Luminaire Type:

Catalog Number:

EXAMPLE: EV04 35/25 AR MWD LSS 120 EZ1

Series	Color Temperature	Nominal Lumen Values	Reflector & Flange Color	Trim Style	Finish	Distribution	Voltage
EV04	27/ 2700 K 30/ 3000 K 35/ 3500 K 40/ 4000 K 50/ 5000 K	02 250 lumens 05 500 lumens 07 750 lumens 10 1000 lumens 15 1500 lumens 20 2000 lumens 25 2500 lumens 30 3000 lumens 35 3500 lumens 40 4000 lumens 45 4500 lumens	AR Clear PR Pewter WTR Wheat GR Gold WR[1] White BR[1] Black WRAMF[1] White Anti-microbial TRALTBD[1,2] RAL paint for pricing only TCPC[1] Custom paint color	(blank) Self-flanged FL Flangeless	LSS Semi-specular LD Matte-diffuse LS Specular	MD Medium (0.9 s/mh) MWD Medium wide (1.0 s/mh) WD Wide (1.2 s/mh)	MVOLT 120 277 347[3,4]

Driver[5]	Control Interface	Emergency Options	Options
GZ10 0-10V driver dims to 10% GZ1 0-10V driver dims to 1% EZ10 eldoLED 0-10V ECOdrive. Linear dimming to 10% min. EZ1 eldoLED 0-10V ECOdrive. Linear dimming to 1% min. EZB eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%. EDAB eldoLED SOLOdrive DALI. Logarithmic dimming to <1%. EDXB eldoLED POWERdrive DMX with RDM (remote device management). Square Law dimming to <1%. Minimum 1000 lumens. Includes termination resistor. Refer to DMXR Manual. ECOD[6] Lutron Ecosystem digital Hi-Lume 1% soft-on, fade to black. Min: 250LLM; Max: 4000LM.	NLT[7] nLight® dimming pack controls NLTER[3,7,8] nLight® dimming pack controls emergency circuit NLTAIR2[9,10] nLight® Air enabled NLTAIRER2[3,8,9] nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit NLTAIREM2[3,9] nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit with battery pack options.	EL[11] Emergency battery pack, 10W, with integral test switch ELR[11] Emergency battery pack, 10W, with remote test switch ELSD[11] Emergency battery pack, 10W, with self-diagnostics, integral test switch ELRSD[11] Emergency battery pack, 10W, with self-diagnostics, remote test switch E10WCP[11] Emergency battery pack, 10W Constant Power, CA Title 20 compliant with integral test switch E10WCPR[11] Emergency battery pack, 10W Constant Power, CA Title 20 compliant with remote test switch BGTD Bodine generator transfer device. Specify 120V or 277V.	SF Single Fuse. Specify 120V or 277V TRW[12] White painted flange TRBL[13] Black painted flange FRALTBD[2] Flange ring only RAL color for pricing only FCPC Flange custom paint color N80[14] nLight® Lumen Compensation GTD generator transfer device. Specify 120V or 277V 90CRI High CRI (90+) CP[15] Chicago Plenum. Specify 120V or 277V for 5000lm and above. RRL__ RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Available only with RRLA, RRLB, RRLAE, and RRLC12S. Refer to RRL spec sheet on www.acuitybrands.com for RELOC® product specifications. Above ceiling access required.

ACCESSORIES — order as separate catalog numbers (shipped separately)

SCA4	Sloped ceiling adapter. Degree of slope must be specified (5D, 10D, 15D, 20D, 25D, 30D). Ex: SCA4 10D. Refer to TECH-190.
CTAEV04	4" Aperture ceiling thickness adapter (extends mounting frame to accommodate ceiling thickness up to 5").
CTA4-8 YK	4"-8" Aperture ceiling thickness adapter (extends mounting frame to accommodate ceiling thickness up to 5"). For use with CWW/DWW trims, EDXB, CP or nTune options.
ISD BC	0-10V wallbox dimmer. Refer to ISD-BC.

ORDERING NOTES

1. Not available with finishes.
2. Replace with applicable RAL number and finish when ready to order. See RAL BROCHURE for available color options. Not available with emergency battery pack options.
3. Not available with emergency battery pack options.
4. Supplied with factory installed step down transformer.
5. Refer to TECH-240 for compatible dimmers.
6. Not available with nLight®.
7. Must specify voltage.
8. ER for use as UL924 Emergency Operation via power sense lead. Will require an emergency hot feed and normal hot feed. EM for use as UL924 Emergency Operation via power interrupt detection.
9. Not available DALI or DMX drivers. Not available with CP or N80 options. Not recommended for metal ceiling installations.
10. When combined with the EZ1, EZ10, or EZB option, normal luminaires (non-emergency) can be used as a normal power sensing device for nearby nLight AIR devices and luminaires with EM emergency options.
11. 11" of plenum depth or top access required for battery pack maintenance.
12. For use with different reflector finish only (i.e. AR, PR, WTR, GR options). Not applicable with WR (white reflector) or FL (flangeless) option.
13. For use with different reflector finish only (i.e. AR, PR, WTR, GR options). Not applicable with BR (black reflector) or FL (flangeless) option.
14. Fixture begins at 80% light level. Must be specified with NLT or NLTER. Only available with EZ10 and EZ1 drivers.
15. Not available with ELR, HAO, or EXAB, or any nLight® AIR dimming options.

© 2014-2023 Acuity Brands Lighting Inc. All Rights Reserved. Rev. 10/24/23 Specifications subject to change without notice.

SPECIFICATIONS

Optical Assemby
Optical design is a Bounding Ray™ design with 45° cutoff to source and source image. Top-down flash characteristic for superior glare control.
Unitized optics shall have mechanical attachment of the light engine to the lower reflector for complete optical alignment.

Electrical
The luminaire shall operate from a 50 or 60 Hz ±3 Hz AC line over a voltage ranging from 120 VAC to 277 VAC. The fluctuations of line voltage shall have no visible effect on the luminous output.
The luminaire shall have a power factor of 90% or greater at all standard operating voltages and full luminaire output.
Sound Rated A+. Driver shall be >80% efficient at full load across all input voltages.
Input wires shall be 18AWG, 300V minimum, solid copper.

Controls
Luminaire shall be equipped with interface for nLight wired or wireless network with integral power supply as per specification.

Dimming
The luminaire shall be capable of continuous dimming without perceivable stroboscopic flicker as measured by flicker index (ANSI/IES RP-16-10) over a range of 100 – 10%, 100 – 1.0% or 100 – 0.1% of rated lumen output with a smooth shut off function to step to 0%.
eldoLED LED drivers shall conform to IEEE P1789 standards. Alternatively, manufacturers must demonstrate conformance with product literature and testing which demonstrates this performance. Systems that do not meet IEEE P1789 will not be considered.
Driver is inaudible in 24dB environment, and stable when input voltage conditions fluctuate over what is typically experienced in a commercial environment.

Construction
Fully serviceable and upgradeable lensed LED light engine, both the driver and light engine are suitable for field maintenance and are serviceable from above or below the ceiling.
Luminaire housing shall be constructed of 20-gauge galvanized steel and have telescopic mounting bars with maximum 26" and minimum 15" extension and 4" vertical adjustment.
Luminaires shall be suitable for installation in ceilings up to 1½" thick. (specify ceiling thickness adapter to extend frame to accommodate ceiling thickness up to 2").
Tool-less adjustments shall be possible after installation.
The assembly and manufacturing process for the luminaire shall be designed to assure all internal components are adequately supported to withstand mechanical shock and vibration.
25°C ambient temperature standard (1/2" clearance on all sides from non-combustible materials in non-IC applications, unless marked spacing noted otherwise). For use in insulated ceilings, a 3" clearance on all sides from insulation is required (unless marked spacing noted otherwise).

Listings
Fixtures are CSA certified to meet US and Canadian Standards: All fixtures manufactured in strict accordance with the appropriate and current requirements of the “Standards for Safety” to UL, wet location covered ceiling. Luminaire configurations are Energy Star certified through testing in EPA–recognized laboratories, with the results reviewed by an independent, accredited certification organization. Visit www.energystar.gov for specific configurations listed.

BUY AMERICAN ACT
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to www.acuitybrands.com/buy-american for additional information.

Photometrics
LEDs tested to LM-80 standards. Measured by IESNA Standard LM-79-08 in an accredited lab. Lumen output shall not decrease by more than 30% over the minimum operational life of 60,000 hours.
Color appearance from luminaire to luminaire of the same type and in all configurations, shall be consistent both initially and at 60,000 hours and operate within a tolerance of <2.5 MacAdam ellipse as defined by a point at the intersection of the CCT line and the black body locus line in CIE chromaticity space.

Warranty
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note:
Actual performance may differ as a result of end user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.

A+ Capable Luminaire
This item is an A+ capable luminaire, which has been designed and tested to provided consistent color appearance and out-of-the-box control capability with simple commissioning when used with Acuity Brands controls products.
All configurations of this luminaire are calibrated and tested meet the Acuity Brands' specification for chromatic consistency - including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates.
To learn more about A+, visit www.acuitybrands.com/aplus.

© 2014-2023 Acuity Brands Lighting Inc. All Rights Reserved. Rev. 10/24/23 Specifications subject to change without notice.

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: 27 New Orleans Road – Alljoy Donuts and Bike Rental DRB#: DRB-002136-2023

DATE: 2/27/2024 CATEGORY: Conceptual Review

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	☒	☐	☐	Applicant and Staff have coordinated on the proposed colors to be a muted and natural scheme. The applicant will work to present a color and material board for Final Review.

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 an details are sufficient to reduce the mass of the structure	☒	☐	☐	More details will be provided at Final Submission.
Human scale is achieved by the use of proper proportions and architectural elements	☒	☐	☐	
Utilizes a variety of materials, textures and colors	☒	☐	☐	Material and color samples will be provided at final review.
Incorporates wood or wood simulating materials	☒	☐	☐	Material and color samples will be provided at final review.
Windows are in proportion to the facade	☒	☐	☐	
Details are clean, simple and appropriate while avoiding excessive ornamentation	☒	☐	☐	More details will be provided at Final Submission.
Utilities and equipment are concealed from view	☐	☐	☒	More details will be provided at Final Submission.
Decorative lighting is limited and low wattage and adds to the visual character	☒	☐	☐	Lighting specifications will be provided at Final Review.
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	☐	☐	☒	Landscaping plan to be provided at final review.
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	☒	☐	☐	*Tree protection will be provided for any significant trees within 15' of proposed work.*
Supplemental and replacement trees meet LMO requirements for size, species and number	☐	☐	☒	Landscaping Plan to be provided at final
Wetlands if present are avoided and the required buffers are maintained	☐	☐	☒	
Sand dunes if present are not disturbed	☐	☐	☒	

COMMENTS & CONDITIONS

1. Staff recommends approval as submitted with the condition that the proposed street sign will be submitted as a separate Design Review Application if it is over the size requirement of 40 S.F. If the sign is under 40 S.F, the sign will be submitted for a staff-level review through CDIC@hiltonheadislandsc.gov.

2. Some items to be provided at Final Submission:
    a. Physical Material and Color Board on a 11”x17” - ask for example if needed
    b. Landscaping Plan
    c. Lighting Plan
    d. Connection and prominent building architectural details, as needed
    e. Final floor plans and elevation drawings
    f. Any additional information as required by the Board.

27 NEW ORLEANS
CONCEPTUAL REVIEW
FEBURARY 27, 2024
DRB-002136-2023

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: Troy Derda
Company: Alljoy Donut & Bike Rental Company
Mailing Address: 64 Burnt Church Rd
City: Bluffton State: SC Zip: 29910
Telephone: _____ Fax: _____
E-mail: _____
Project Name: Alljoy Donut and Bike Rental
Project Address: 27 New Orleans Road
Parcel Number [PIN]: R552 015 00C 0098 0000
Zoning District: _____
Overlay District(s): _____

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
- _____ 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.

_____ 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

_____ 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.

_____ 12-1-23

SIGNATURE DATE

27 NEW ORLEANS

PROJECT NARRATIVE

Alljoy Beach and Bike Rental Project - Project Narrative

Proposed Development:
The proposed 2-story 5,760 SF structure includes a Donut Shop in the front half (1,920 sf) and a bike and beach rental delivery company in the back half (1,920 sf). There will not be any retail at this location and no walk in traffic. The second story which is 1,920 will be used for bike storage

1st floor front half (1,920 Sf) - Donut Shop: Donut production and sales
1st floor back half (1,920 sf) - Bike and beach rental storage warehouse
2nd floor (1,920 sf) - open bike storage space

Parking Requirements:

The parking includes 20 spaces for the donut shop and then 1 space for the bike rental warehouse and 2 office spaces for bike and beach rental storage. We need 23 total which is made up of 21 vehicle parking spaces and 2 - 10 bike racks to add up to 23 spots required. The spots include 1 ADA space, 1 EV charging station, and 2 bike rack for 20 bikes each.

27 NEW ORLEANS

SITE PHOTOS

PLAN INFO:

COUNTY: BEAUFORT COUNTY, SC
MUNICIPALITY: TOWN OF HILTON HEAD ISLAND, SC
PROJECT LOCATION: 27 NEW ORLEANS ROAD
OWNER: TROY DERDA

CONTEXTUAL SITE IMAGERY: NEW ORLEANS ROAD

Site Photos
For
Alljoy Bike & Beach Rental Company & Alljoy Donut Company
27 New Orleans Road
Hilton Head Island, SC

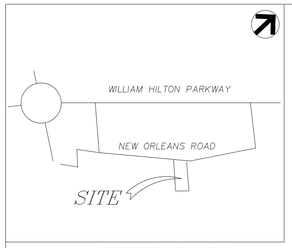
December 1, 2023

Prepared By:
Maria Drawdy
Landscape Architect

MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565

27 NEW ORLEANS

EXISTING SURVEY, ELEVATIONS AND CONCEPTUAL SITE PLAN



VICINITY MAP - N.T.S.

NORTH
REF. PLAT

LOT 50
THOMAS & RHONDA GADHUE
D.B. 3470 PAGE 3368
P.B.47 PAGE 35
R552 015 00C 0099

(#27)
LOT 49
0.495 ACRES
(21,559 SF)
R552 015 00C 0098

GOLF MASTER ASSOCIATES
R550 015 000 197A
P.B. 30 PAGE 173

SWANIE M. SMITH
R552 015 00C 0095

LOT 48
CRM INVESTMENTS LLC
FLR. ELEV = 10.91'
D.B. 4045 PAGE 404
P.B.47 PAGE 35
R555 015 00C 0097

N36°41'19"W 236.48'
S56°19'28"W 60.00'
S55°10'15"W 24.97'
S33°36'22"E 235.64'
N56°19'42"E 97.68'
20' B.S.L.
40' B.S.L.
50' DRAINAGE EASEMENT
FENCE
CMF
IPF
LP
CATV
TELE PED
UG EB
GRATE INLET TOP: 6.21' BASE: 2.36'
GRATE INLET TOP: 6.44' BASE: 2.64'
36" PIPE INV.: 3.23
36" PIPE INV.: 3.43
18" PIPE INV.: 4.47
18" PIPE INV.: 4.56
DRAINAGE PATH
±195.4' TO PENSACOLA PLACE R/W

NEW ORLEANS ROAD
60' R/W

TBM (PK NAIL SET)
EL. = 7.13' M.S.L.
NAVD-'88

LEGEND

B.S.L.	BUILDING SETBACK LINE
CATV	CABLE TELEVISION
CMF	CONCRETE MONUMENT FOUND
GUM	GUM
HICK	HICKORY
IPF	IRON PIN (OLD) FOUND
LAO	LAUREL OAK
LO	LIVE OAK
LP	LIGHT POLE
MAG	MAGNOLIA
PN	PINE
TELE PED	TELEPHONE PEDESTAL
UG EB	UNDERGROUND ELECTRICAL BOX
WO	WATER OAK

NOTES :

1. THIS LOT LIES IN ZONE "AE", B.F.E.=7' PER F.I.R.M. PANEL 45013C 0442 G, COMMUNITY No. 450250, EFFECTIVE: 03/23/21.
2. THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY THE SURVEYOR. NO INVESTIGATIONS FOR EASEMENTS, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER FACTS HAVE BEEN MADE THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
3. ALL BUILDING SETBACK REQUIREMENTS SHOULD BE VERIFIED WITH THE PROPER AUTHORITIES PRIOR TO DESIGN AND CONSTRUCTION.
4. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

REFERENCE PLAT:
A PLAT OF 53.829 ACRES
SHIPYARD PLANTATION COMMERCIAL
By: E.H. FREIESLEBEN, S.C.R.L.S. No.4624
DATED: 05/13/76 LAST REVISED: 03/28/78
FILE: HHC-176
RECORDED IN: P.B.47 PAGE 35

LABEL DESCRIPTIONS (TYP.)
TREE LOCATION
18.4 — GROUND ELEVATION
PN 18 — TREE SPECIES & DIAMETER (IN.)

GRAPHIC SCALE
0 5 10 20
SCALE IN FEET

ONE FOOT CONTOUR INTERVAL

PREPARED FOR: TROY DERDA & KRISTIE DERDA

" I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "A" SURVEY AS SPECIFIED THEREIN. ALSO THERE ARE NO VISIBLE ENCROACHMENTS OR PROJECTIONS OTHER THAN SHOWN."

MICHAEL R. DUNIGAN
S.C.R.L.S. No. 11,905

A BOUNDARY-TREE AND TOPOGRAPHIC LAND SURVEY OF
LOT 49 NEW ORLEANS ROAD
A PORTION OF
SHIPYARD COMMERCIAL
HILTON HEAD ISLAND, BEAUFORT COUNTY, SOUTH CAROLINA

SCALE: 1" = 10' SURVEYED BY: TJ
DATE: 07/31/23 DRAWN BY: JTG
JOB No.: 74,839BT CHECKED BY: MRD

COASTAL SURVEYING CO., INC.
49 RIVERWALK BLVD.
BUILDING B
RIDGELAND, SC 29936
(843) 645-4446

PLAN INFO:

COUNTY: BEAUFORT COUNTY, SC
MUNICIPALITY: TOWN OF HILTON HEAD ISLAND, SC
PROJECT LOCATION: 27 NEW ORLEANS ROAD
OWNER: TROY DERDA

Alljoy Bike & Beach Rental Company - Front Elevation

Conceptual Elevations
For

Alljoy Bike & Beach Rental Company & Alljoy Donut Company

27 New Orleans Road
Hilton Head Island, SC

December 1, 2023

Prepared By:
Maria Drawdy
Landscape Architect

MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565

SC811

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 1663
MARIA DRAWDY

PLAN INFO:

COUNTY: BEAUFORT COUNTY, SC
MUNICIPALITY: TOWN OF HILTON HEAD ISLAND, SC
PROJECT LOCATION: 27 NEW ORLEANS ROAD
OWNER: TROY DERDA

Alljoy Bike & Beach Rental Company - Rear Elevation

Conceptual Elevations
For
Alljoy Bike & Beach Rental Company & Alljoy Donut Company
27 New Orleans Road
Hilton Head Island, SC

December 1, 2023

Prepared By:
Maria Drawdy
Landscape Architect

MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565

SC811

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 1663
MARIA DRAWDY

PLAN INFO:

COUNTY: BEAUFORT COUNTY, SC
MUNICIPALITY: TOWN OF HILTON HEAD ISLAND, SC
PROJECT LOCATION: 27 NEW ORLEANS ROAD
OWNER: TROY DERDA

Alljoy Bike & Beach Rental Company - Right Elevation

Conceptual Elevations
For

Alljoy Bike & Beach Rental Company & Alljoy Donut Company

27 New Orleans Road
Hilton Head Island, SC

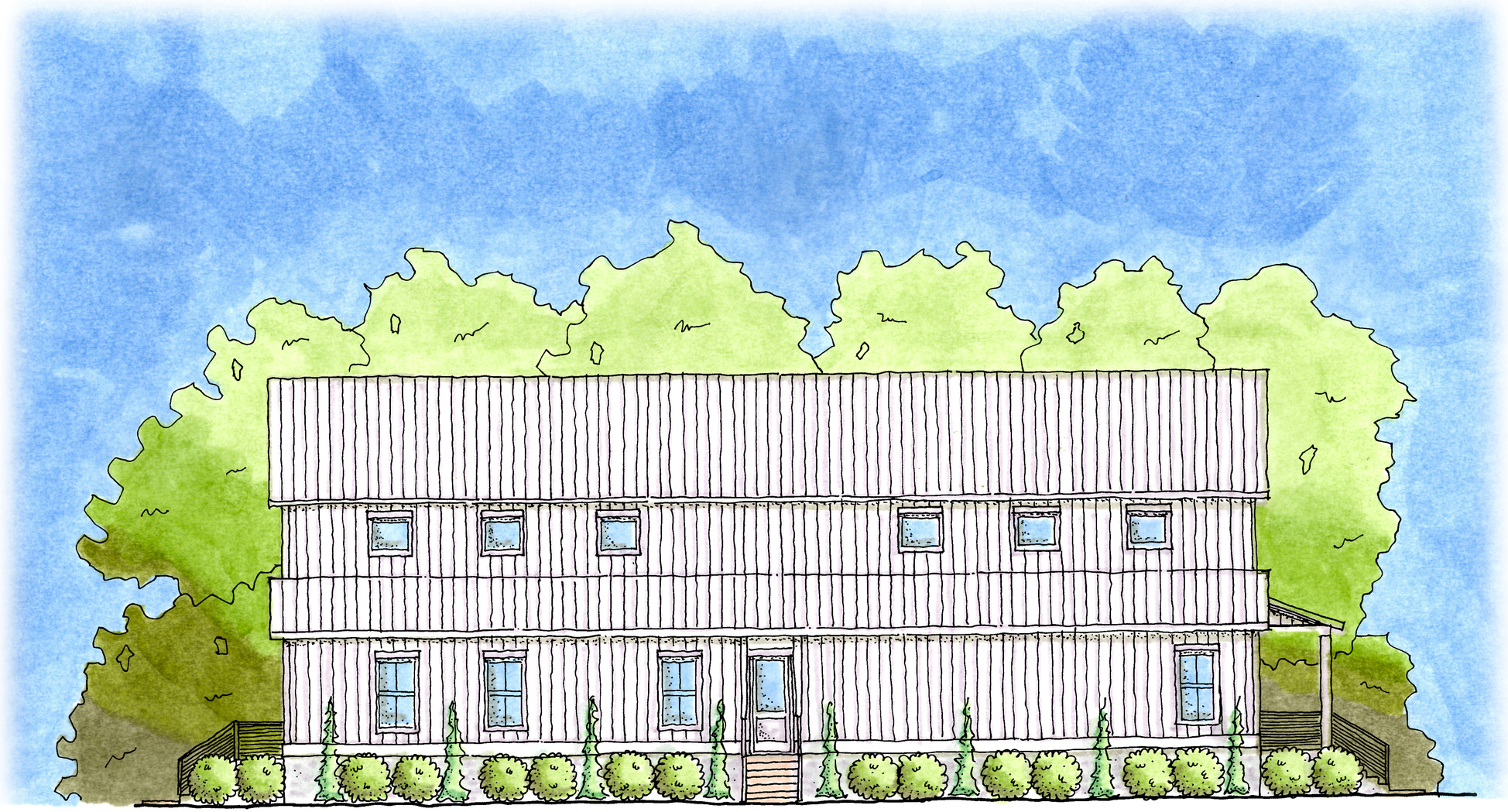
December 1, 2023

Prepared By:
Maria Drawdy
Landscape Architect

MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565

PLAN INFO:

COUNTY: BEAUFORT COUNTY, SC
MUNICIPALITY: TOWN OF HILTON HEAD ISLAND, SC
PROJECT LOCATION: 27 NEW ORLEANS ROAD
OWNER: TROY DERDA



Alljoy Bike & Beach Rental Company - Left Elevation

:onceptual Elevations
For

Alljoy Bike & Beach Rental Company & Alljoy Donut Company

27 New Orleans Road
Hilton Head Island, SC

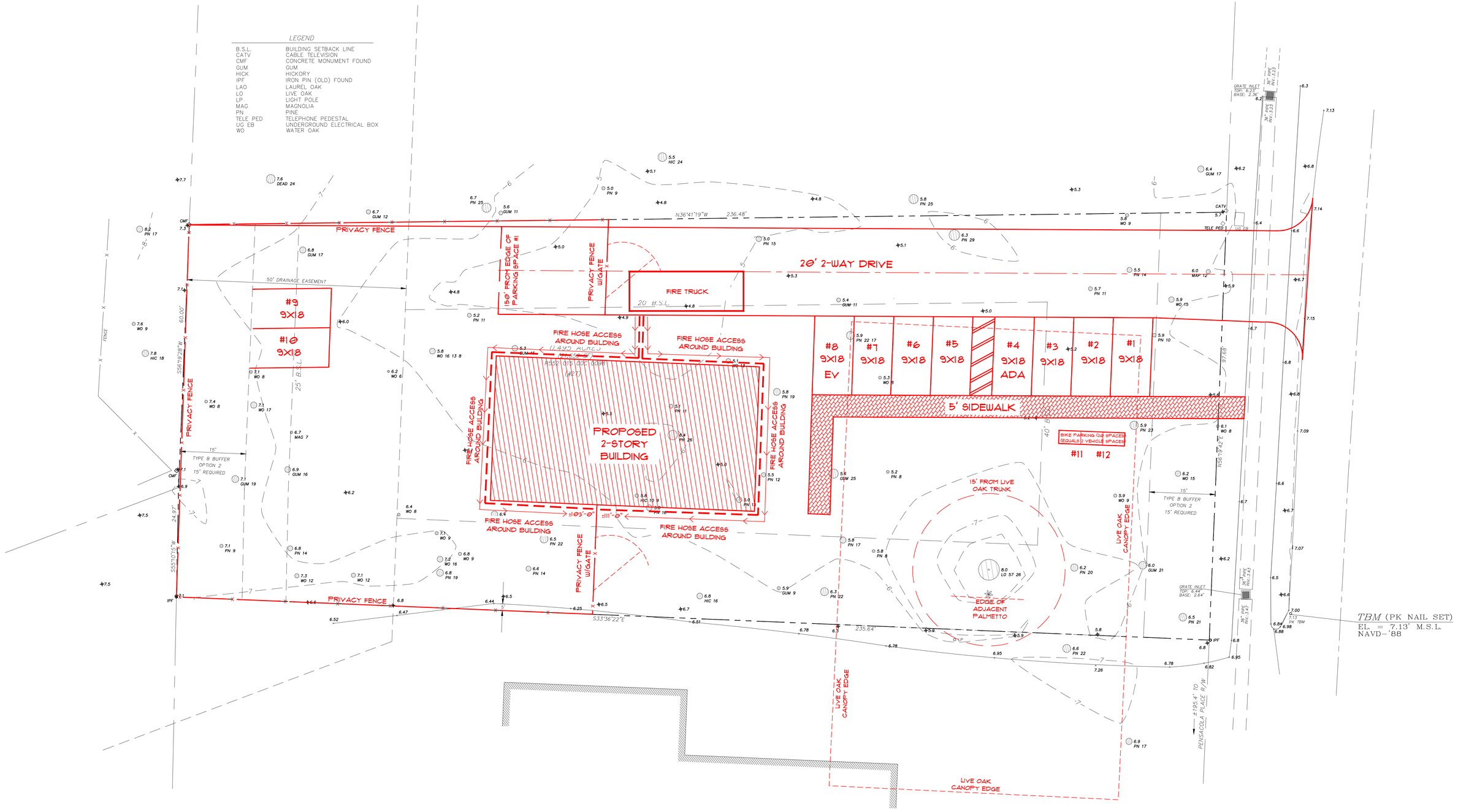
December 1, 2023

Prepared By:
Maria Drawdy
Landscape Architect

MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565

SC811

State of South Carolina
REGISTERED LANDSCAPE ARCHITECT
No. 1663
MARIA DRAWDY


LEGEND
B.S.L. BUILDING SETBACK LINE
CATV CABLE TELEVISION
CMF CONCRETE MONUMENT FOUND
GUM GUM
HICK HICKORY
IPF IRON PIN (OLD) FOUND
LAO LAUREL OAK
LO LIVE OAK
LP LIGHT POLE
MAG MAGNOLIA
PN PINE
TELE PED TELEPHONE PEDESTAL
UG EB UNDERGROUND ELECTRICAL BOX
WO WATER OAK
PRIVACY FENCE
20' 2-WAY DRIVE
FIRE TRUCK
150' FROM EDGE OF PARKING SPACE #1
PRIVACY FENCE W/GATE
50' DRAINAGE EASEMENT
#9 9X18
#10 9X18
#8 9X18 EV
#7 9X18
#6 9X18
#5 9X18
#4 9X18 ADA
#3 9X18
#2 9X18
#1 9X18
5' SIDEWALK
BIKE PARKING (20 SPACES) (EQUALS 2 VEHICLE SPACES)
#11 #12
FIRE HOSE ACCESS AROUND BUILDING
PROPOSED 2-STORY BUILDING
15' FROM LIVE OAK TRUNK
EDGE OF ADJACENT PALMETTO
LIVE OAK CANOPY EDGE
TYPE B BUFFER OPTION 2 15' REQUIRED
TBM (PK NAIL SET)
EL. = 7.13' M.S.L.
NAVD-'88

27 NEW ORLEANS

LOGO CONCEPTUAL PLAN (SIGN PLAN TO BE SUMBITTED AS SEPARATE PACKAGE IN FUTURE)

PLAN INFO:

COUNTY: BEAUFORT COUNTY, SC
MUNICIPALITY: TOWN OF HILTON HEAD ISLAND, SC
PROJECT LOCATION: 27 NEW ORLEANS ROAD
OWNER: TROY DERDA

Logos for Proposed Signage

Alljoy Bike &
Beach Rental Company
& Alljoy Donut Company
27 New Orleans Road
Hilton Head Island, SC

December 1, 2023

Prepared By:
Maria Drawdy
Landscape Architect

MARIA GHYS DESIGNS LLC
P.O. Box 3523, Bluffton, SC
mariaghysdesigns@gmail.com
(843) 816-2565

148 BEACH CITY ROAD
CONCEPTUAL REVIEW
FEBURARY 27, 2024
DRB-000276-2024

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: Timothy C Probst Company: PDG Architects
Mailing Address: 10 Palmetto Business Park Suite 201 City: Hilton Head Island State: SC Zip: 29928
Telephone: 843-785-5171 Fax: _____ E-mail: Tim@PDG-Architects.com
Project Name: Car Barn Project Address: 148 Beach City Road
Parcel Number [PIN]: R 5 1 0 0 0 4 0 0 0 0 3 4 3 0 0 0 0
Zoning District: Light Commercial Overlay District(s): Airport Overlay

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:

_____ 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

__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.

02.13.24

SIGNATURE DATE

148 BEACH CITY ROAD

PROJECT NARRATIVE

February 13, 2024

Design Review Board
Town of Hilton Head Island
One Town Center Court
Hilton Head Island, SC 29928

Project Narrative for a new Car Storage Facility

The attached project consists of a new high-end car storage building at 148 Beach City Rd. behind the existing Graves Construction Office.

Building

Plan

•8,560 sq. ft. heated first floor that will allow for the storage of 50 cars.
•850 sq. ft. mezzanine level with an outdoor deck overlooking the runway.

Elevations

• The entry element will consist of a mixture of horizontal metal panels and a Nichiha cement board mass wall to the left. The entry doors will have a flat metal canopy with steel columns on concrete bases.
• The right side of the parking lot façade will consist of a smooth stucco cement finish. There will be a translucent wall panel system over a low metal roof to allow for natural light into the car storage space.
• The runway elevation façade will consist of horizontal metal panels with a balcony on diagonal columns with stainless steel cable cross bracing. The mezzanine will have aircraft hangar folding doors opening on to the balcony.

Site

- The car storage will sit 10' away from the existing office building.
- The parking in front of the existing office building is being reconfigured to gain (1) more space.
- (8) new spaces will be added along the right side of the property towards the rear.

Thank you for your time and consideration of this project.

Timothy C Probst, AIA

148 BEACH CITY ROAD

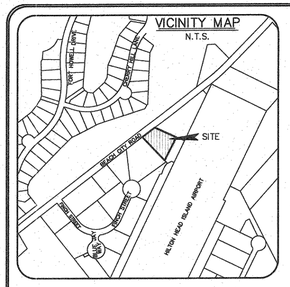
EXISTING SITE PHOTOS

ARNING

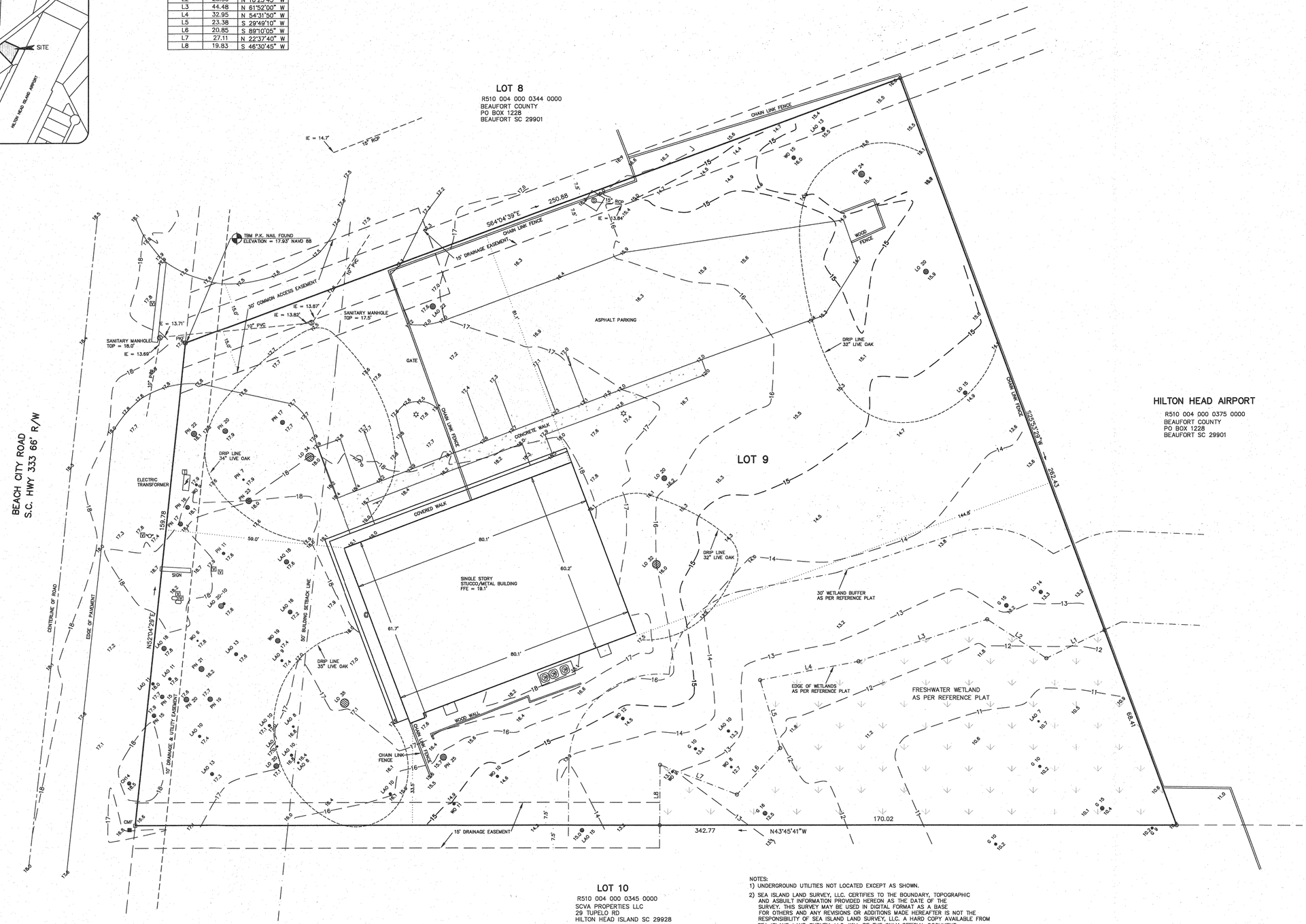
TRITON

148 BEACH CITY ROAD

SITE SURVEY AND CONCEPTUAL DRAWINGS WITH STAFF COMMENTS



LINE TABLE		
LINE	LENGTH	BEARING
L1	21.21	N 69°36'55" W
L2	23.36	N 10°25'45" W
L3	44.48	N 61°52'00" W
L4	32.95	N 54°31'50" W
L5	23.38	S 29°49'10" W
L6	20.85	S 89°10'05" W
L7	27.11	N 22°37'40" W
L8	19.83	S 46°30'45" W



LEGEND & SYMBOLS:

TREE SIZES ARE INCHES IN DIAMETER

9.5	SPOT ELEVATION
9	CONTOUR
CMF	3" CONCRETE MONUMENT FOUND
PKF	P.K. NAIL FOUND
TBM	TEMPORARY BENCH MARK
IE	INVERT ELEVATION
FFE	FINISHED FLOOR ELEVATION
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
LO	LIVE OAK
LAO	LAUREL OAK
PN	PINE
G	GUM
CH	WILD CHERRY
	ELECTRIC SERVICE
	ELECTRIC TRANSFORMER
	TELEPHONE SERVICE
	TELEVISION SERVICE
	WATER METER
	VALVE BOX
	SANITARY MANHOLE
	STORM MANHOLE
	FIRE HYDRANT
	SIGN
	LIGHT POLE
	CLEANOUT
A/C	A/C HEAT PUMP

PROPERTY AREA = 1.38 AC. 60,161 S.F.
ADDRESS: 148 BEACH CITY ROAD
DISTRICT: 510 , MAP: 4, PARCEL: 343

THIS PROPERTY LIES IN F.E.M.A. ZONE X
BASE FLOOD ELEVATION = NO MINIMUM ELEVATION
COMMUNITY NO. 450250, PANEL 0452G, DATED: 3/23/2011

REFERENCE PLATS

1) A BOUNDARY & DIVISION OF LOT 9, BEACH CITY COMMERCIAL CENTER, HILTON HEAD ISLAND, BEAUFORT COUNTY, SOUTH CAROLINA. DRAWN: 9/23/2015 RECORDED IN DEED BOOK 3548, PAGE 3291 ROD. BEAUFORT COUNTY, SC BY: AUGUSTUS N. JAMES S.C.R.L.S. # 27740

2) A SUBDIVISION PLAT OF BEACH CITY COMMERCIAL CENTER HILTON HEAD ISLAND, BEAUFORT COUNTY, SOUTH CAROLINA. DRAWN: 12/13/90 RECORDED IN PLAT BOOK 53, PAGE 78, DATED 7/03/95 ROD. BEAUFORT COUNTY, SC BY: JAMES M. SIMS S.C.R.L.S. # 13169

NOTES:
1) UNDERGROUND UTILITIES NOT LOCATED EXCEPT AS SHOWN.
2) SEA ISLAND LAND SURVEY, LLC. CERTIFIES TO THE BOUNDARY, TOPOGRAPHIC AND ASBUILT INFORMATION PROVODED HEREON AS THE DATE OF THE SURVEY. THIS SURVEY MAY BE USED IN DIGITAL FORMAT AS A BASE FOR OTHERS AND ANY REVISIONS OR ADDITIONS MADE HEREAFTER IS NOT THE RESPONSIBILITY OF SEA ISLAND LAND SURVEY, LLC. A HARD COPY AVAILABLE FROM SEA ISLAND LAND SURVEY, LLC. WILL BE THE ONLY OFFICIAL DOCUMENT.
3) SUBJECT PROPERTY DOES NOT APPEAR TO BE AFFECTED BY THE BEACHFRONT SETBACK REQUIREMENTS OF THE S.C. BEACH PROTECTION ACT OF JULY 1, 1988.
4) HORIZONTAL DATUM IS LOCAL.
5) VERTICAL DATUM IS NAVD 88.
6) CONTOUR INTERVAL IS 1'.
7) USE OF THIS PROPERTY MAY BE AFFECTED BY THE TERMS OF COVENANTS RELATING TO THIS PLANNED RESIDENTIAL COMMUNITY.
8) BUILDING SETBACKS, WHETHER SHOWN OR NOT, SHOULD BE VERIFIED BY THE LOCAL BUILDING AUTHORITY OR ARCHITECTURAL REVIEW BOARD.
9) THIS SURVEY HAS BEEN PREPARED WITHOUT BENEFIT OF A COMPLETE TITLE SEARCH AND IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.
10) THIS SURVEY DOES NOT CERTIFY TO THE EXISTENCE OR ABSENCE OF FRESHWATER WETLANDS.
11) IF IDENTIFICATION OF TREES IS CRITICAL TO DEVELOPMENT, AN ARBORIST SHOULD BE CONSULTED TO VERIFY SUCH TREE IDENTIFICATION.
12) THIS PROPERTY LIES EITHER PARTIALLY OR WHOLLY WITHIN THE HILTON HEAD ISLAND AIRPORT OVERLAY DISTRICT AND IS SUBJECT TO NOISE THAT MAY BE OBJECTIONABLE.

I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "A" SURVEY AS SPECIFIED THEREIN. ALSO THERE ARE NO VISIBLE ENCROACHMENTS OR PROJECTIONS OTHER THAN SHOWN.

SOUTH CAROLINA SEA ISLAND LAND SURVEY No.C02180 CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR 25437 MARK R. RENEW

NOT VALID UNLESS EMBOSSED.

EXISTING CONDITIONS

ASBUILT, TREE AND TOPOGRAPHIC SURVEY OF:
LOT 9, BEACH CITY COMMERCIAL CENTER,
HILTON HEAD ISLAND,
BEAUFORT COUNTY, SOUTH CAROLINA

PREPARED FOR: LING GRAVES

DATE : 12/10/2021 SCALE : 1" = 16'

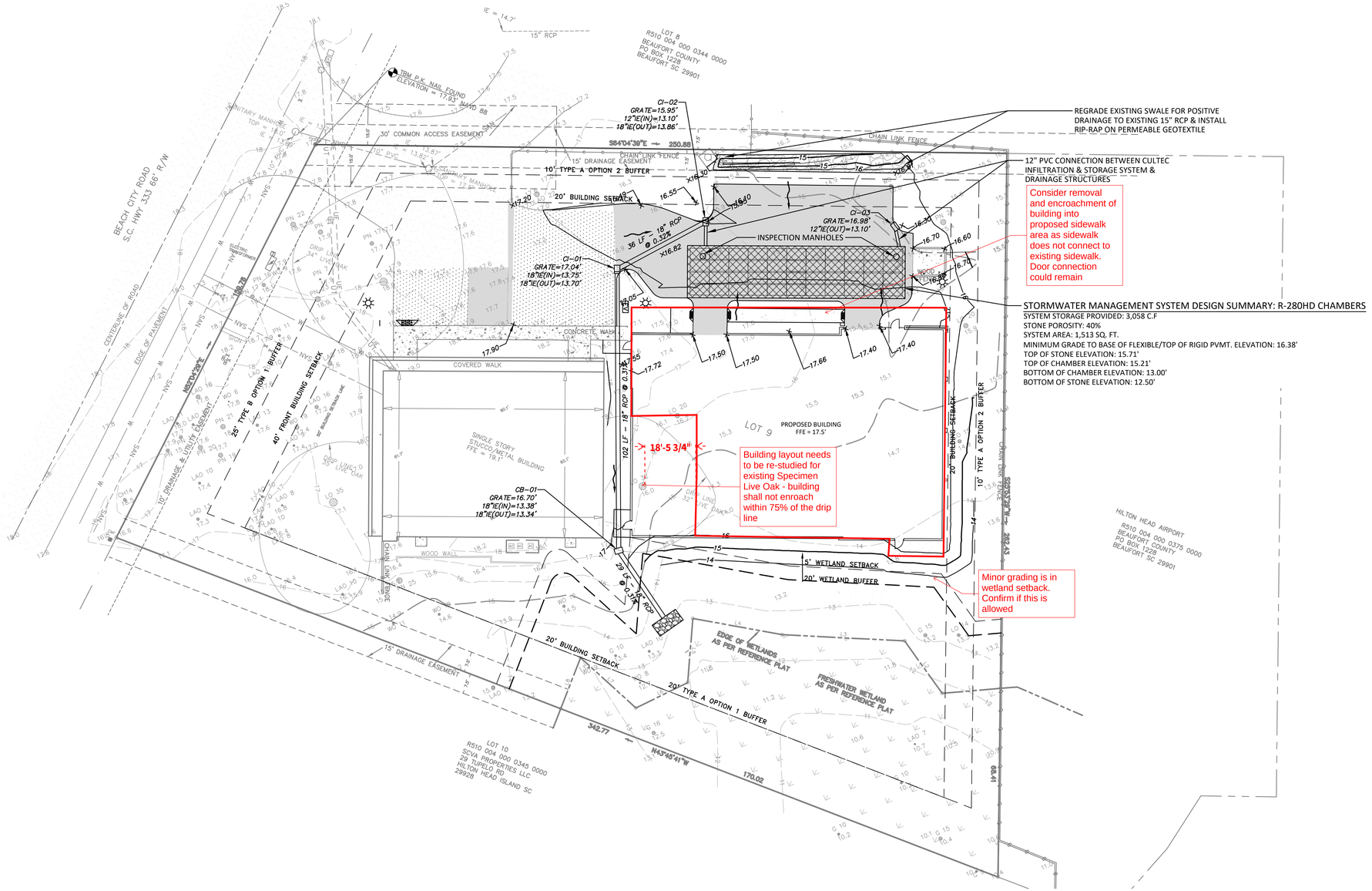
GRAPHIC SCALE 0 16 32 48

Sea Island Land Survey, LLC.
10 Oak Park Drive, Unit C1,
Hilton Head Island,
SC 29926
Tel (843) 681-3248
Fax (843) 689-3871
E-mail: sils@sprynet.com

FILE No : 17167/2 DWG No. : 4-2179

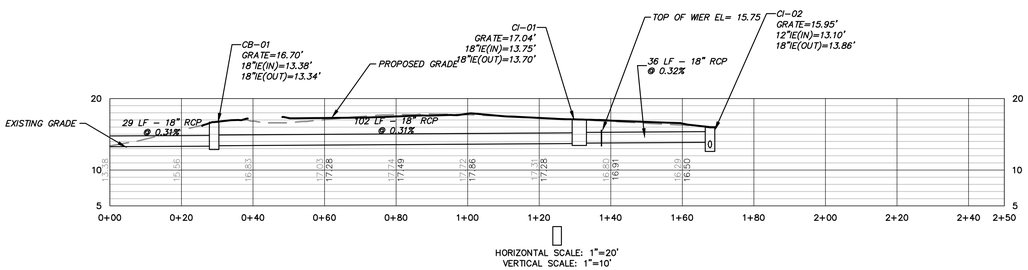
C2.0

COPYRIGHT © BY SEA ISLAND LAND SURVEY, LLC. CAD: BA, FLD: VRO



STORMWATER MANAGEMENT SYSTEM DESIGN SUMMARY: R-280HD CHAMBERS

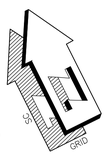
SYSTEM STORAGE PROVIDED: 3,058 C.F
STONE POROSITY: 40%
SYSTEM AREA: 1,513 SQ. FT.
MINIMUM GRADE TO BASE OF FLEXIBLE/TOP OF RIGID PVMT. ELEVATION: 16.38'
TOP OF STONE ELEVATION: 15.71'
TOP OF CHAMBER ELEVATION: 15.21'
BOTTOM OF CHAMBER ELEVATION: 13.00'
BOTTOM OF STONE ELEVATION: 12.50'



HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=10'

PLAN
HORIZONTAL SCALE 1"=20'

SCALE IN FEET



South Carolina 811 Call 811 Before You Dig

CRANSTON

SOUTH CAROLINA Cranston Engineering Group NO. C00575 CERTIFICATE OF AUTHORIZATION

PRELIMINARY
NOT FOR CONSTRUCTION

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER NO.38607 MEGAN E. SMITH

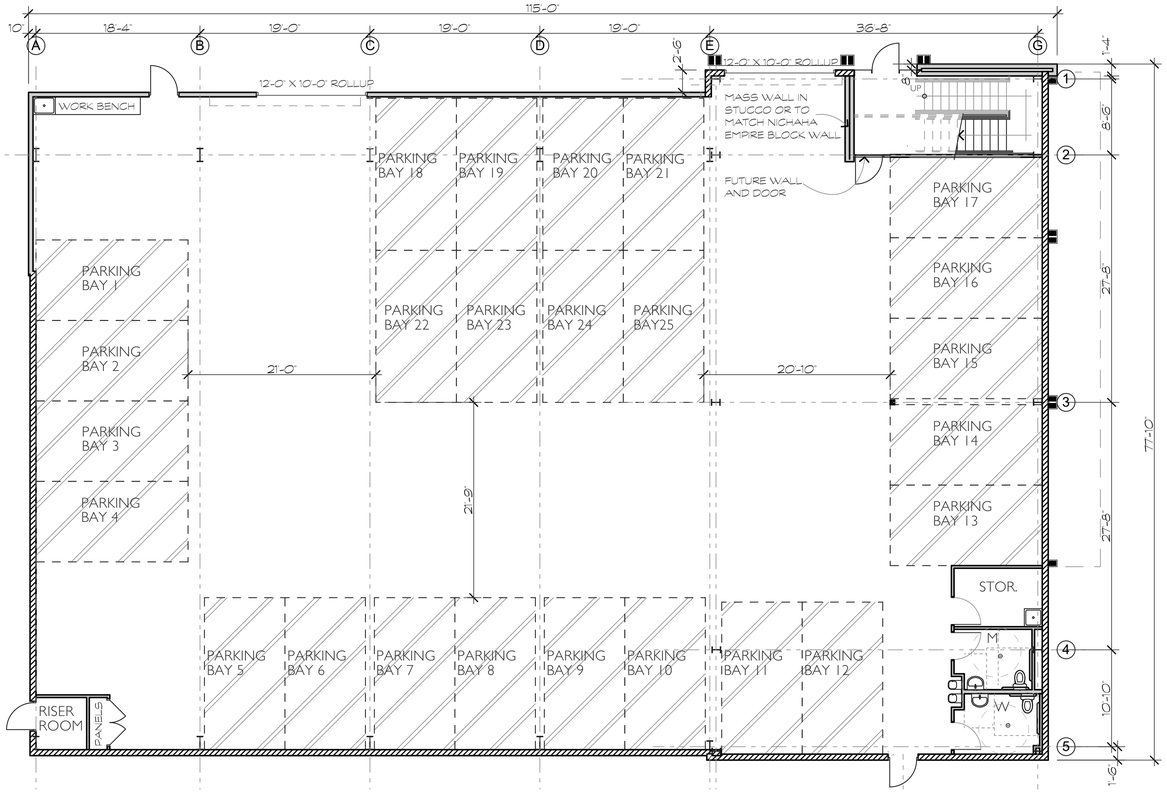
REV #	DATE	DESCRIPTION

BEACH CITY ROAD CAR BARN

GRADING AND DRAINAGE PLAN

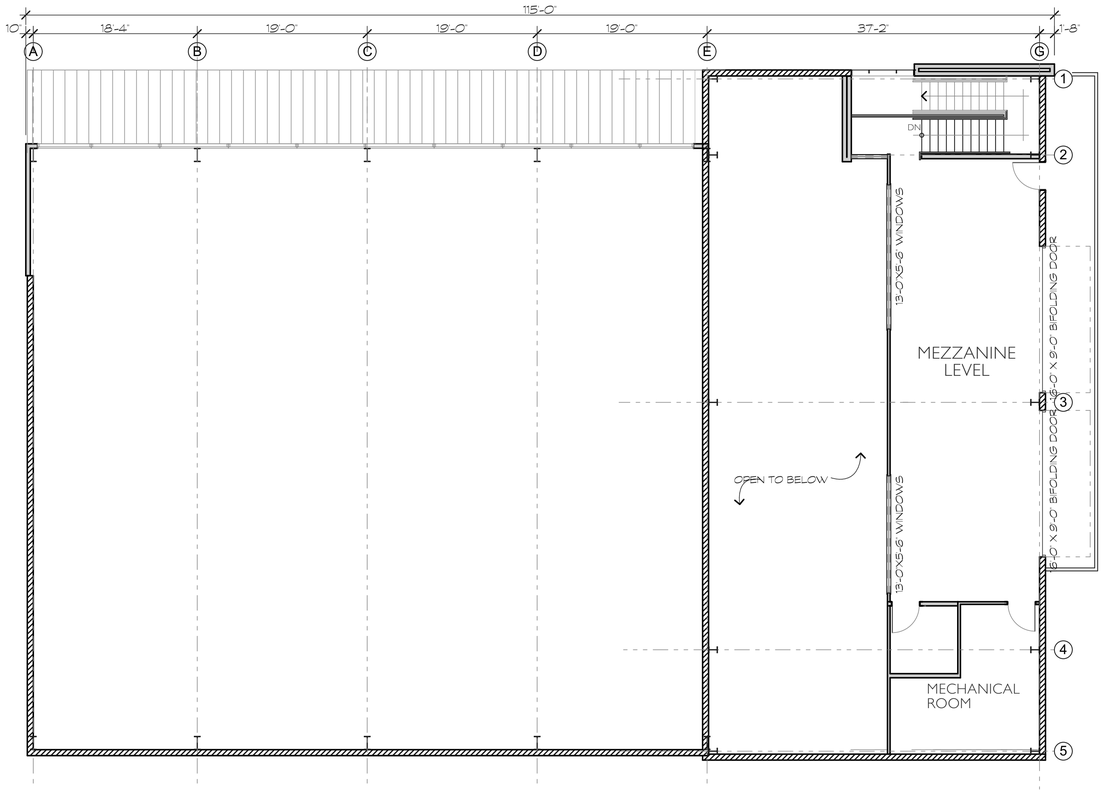
DRAWN BY:	PAG
CHECKED BY:	MER
APPROVED BY:	MES
DATE:	1/11/2024
SCALE:	1" = 20'
JOB No.	2022-0260
DRAWING No.	C5.0

G:\PROJECTS\2022\2022-0260_148 BEACH CITY ROAD CAR BARN\AC-DRAWINGS\CIVIL\2022-0260_GV.DWG 1/11/2024 8:26 AM



1 A.1 **FIRST FLOOR PLAN**

SCALE: 1/8" = 1'-0"



2 A.1 **SECOND FLOOR PLAN**

SCALE: 1/8" = 1'-0"

parkerdesigngroup architects
843.785.5771 POST OFFICE BOX 5091 HILTON HEAD ISLAND SC 29938

These documents & designs are the property of Parker Design Group|Architects & are not to be used or reproduced there of or for designs, working drawings, or construction of buildings without the written authorization from the copyright owner PDG|Architects 2023 copyright©

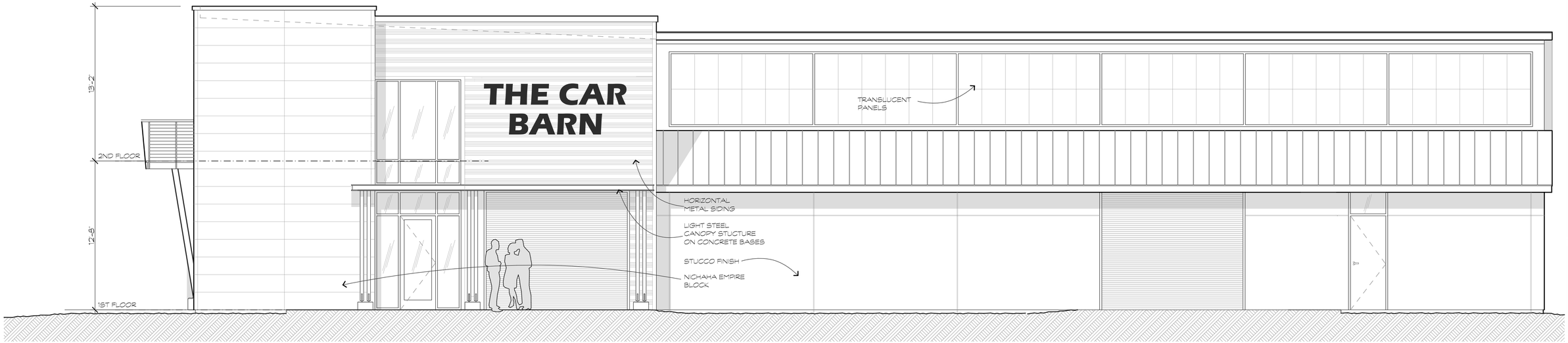
A Car Storage Building:
CAR BARN
Lot 9 Beach City Center
Hilton Head Island, South Carolina

REVISIONS	DATE

DRAWN BY: TCP
CHECKED BY:
DATE OF ISSUE: 2/13/24
SCALE:
JOB NO.: 1815
SHEET:

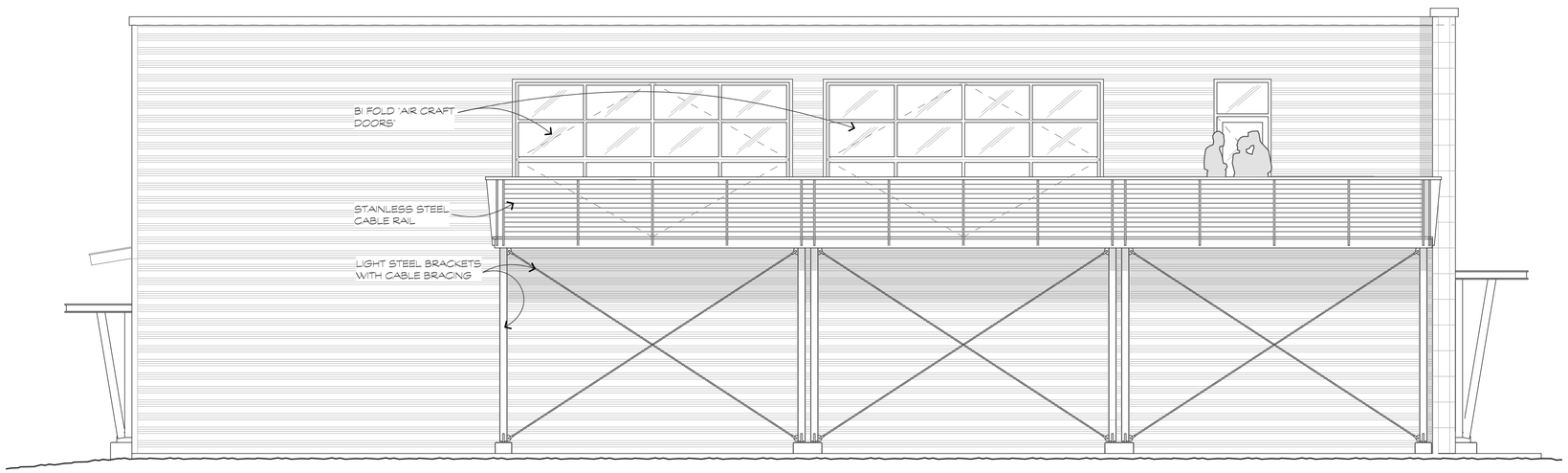
FLOOR PLANS

A.1



1 A.2 **PARKING LOT ELEVATION**

SCALE: 1/4" = 1'-0"



2 A.2 **RUNWAY ELEVATION**

SCALE: 1/4" = 1'-0"

parkerdesigngroup architects
843.785.5771 POST OFFICE BOX 5091 HILTON HEAD ISLAND SC 29938

These documents & designs are the property of Parker Design Group|Architects & are not to be used or reproduced there of or for designs, working drawings, or construction of buildings without the written authorization from the copyright owner PDG|Architects 2023 copyright©

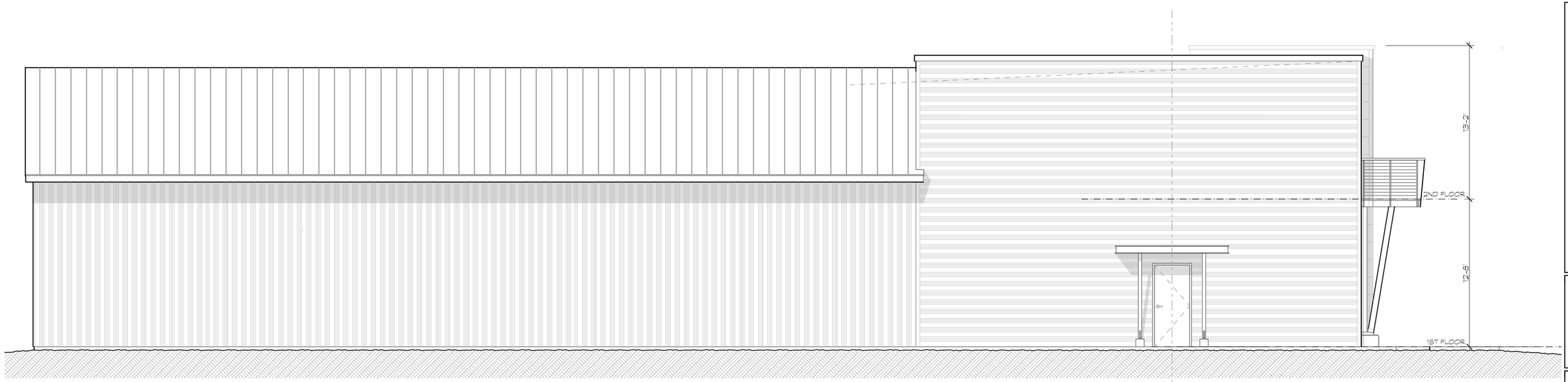
A Car Storage Building:
CAR BARN
Lot 9 Beach City Center
Hilton Head Island, South Carolina

REVISIONS	DATE

DRAWN BY: TCP
CHECKED BY:
DATE OF ISSUE: 2/13/24
SCALE:
JOB NO.: 1815
SHEET:

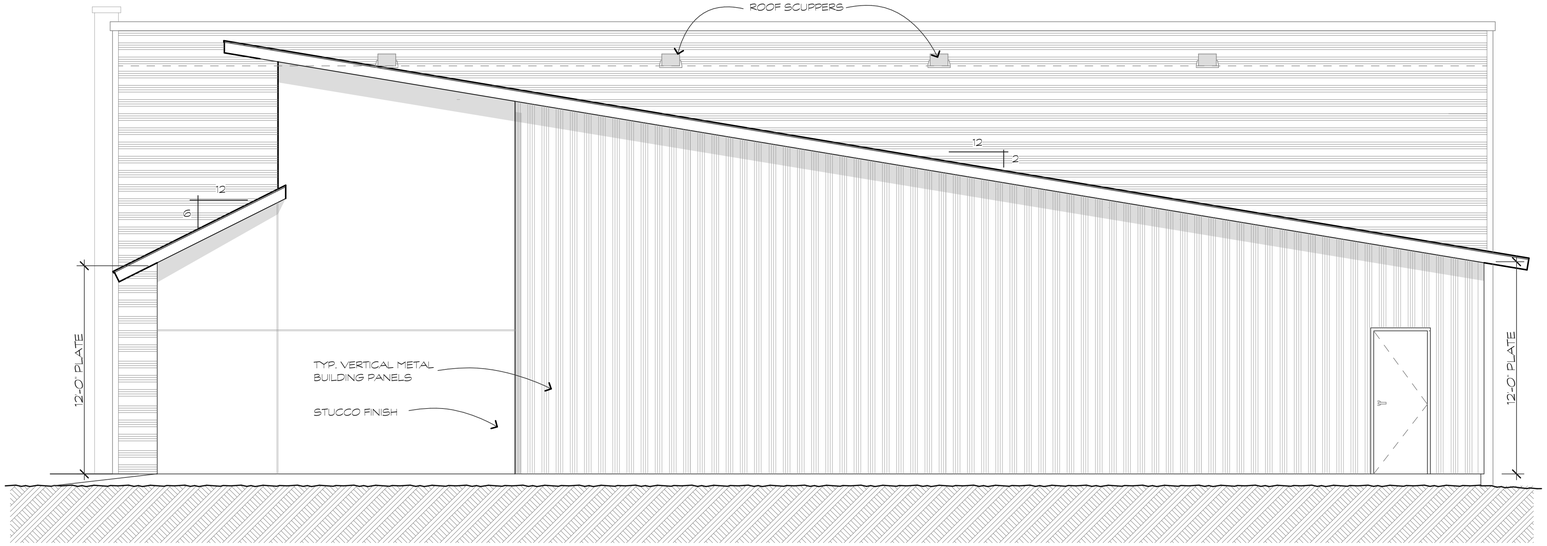
ELEVATIONS

A.2



1 A.3 **REAR ELEVATION**

SCALE: 1/4" = 1'-0"



2 A.3 **STREET SIDE ELEVATION**

SCALE: 1/4" = 1'-0"

pdg ARCHITECTS
parkerdesigngroup architects
843.785.5771 POST OFFICE BOX 5091 HILTON HEAD ISLAND SC 29938

These documents & designs are the property of Parker Design Group|Architects & are not to be used or reproduced there of or for designs, working drawings, or construction of buildings without the written authorization from the copyright owner PDG|Architects 2023 copyright©

A Car Storage Building:
CAR BARN
Lot 9 Beach City Center
Hilton Head Island, South Carolina

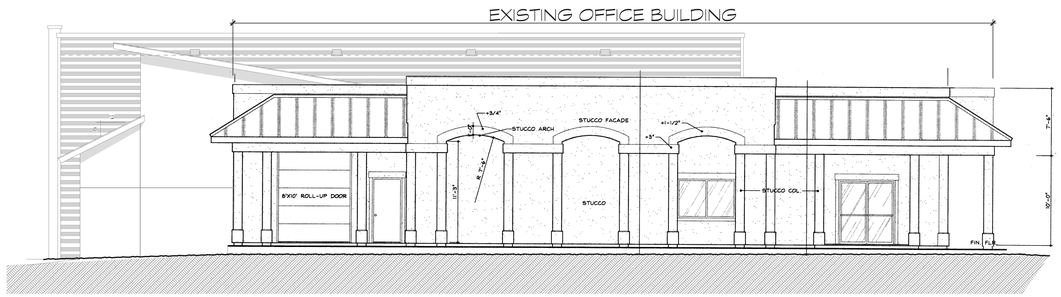
REVISIONS	DATE

DRAWN BY: TCP
CHECKED BY:
DATE OF ISSUE: 2/13/24
SCALE:
JOB NO.: 1815
SHEET: **ELEVATIONS**
A.3

Building Elevation and style does not match with eixsting office building. Recommend either changing the roof pitch to match better with exisitng building, or to update/upgrade existing stucco facade to better match proposed architectural design

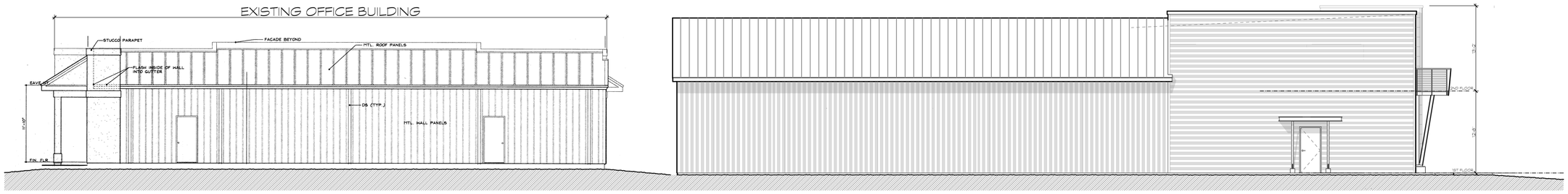
1 A.4 **PARKING LOT ELEVATION**

SCALE: 1/8" = 1'-0"



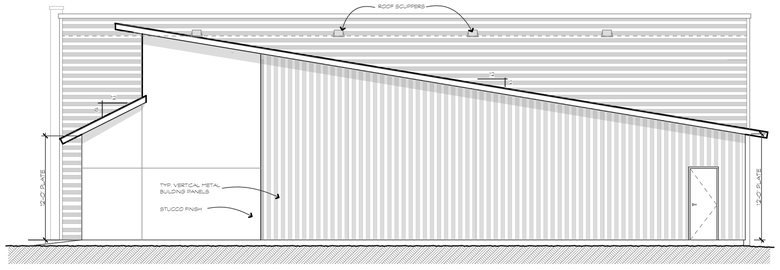
2 A.4 **STREET ELEVATION**

SCALE: 1/8" = 1'-0"



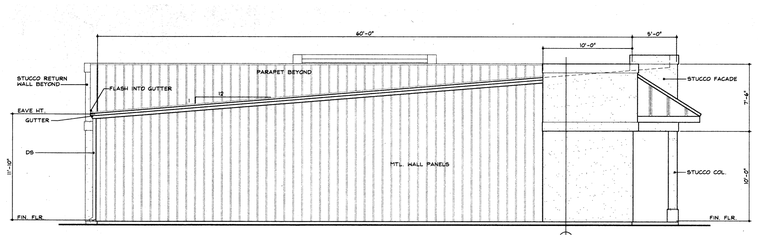
3 A.4 **REAR ELEVATION**

SCALE: 1/8" = 1'-0"



4 A.4 **RIGHT SIDE OF NEW BUILDING**

SCALE: 1/8" = 1'-0"



5 A.4 **LEFT SIDE OF EXISTING BUILDING**

SCALE: 1/8" = 1'-0"

parkerdesigngroup architects
843.785.5771 POST OFFICE BOX 5091HILTON HEAD ISLAND SC 29938

A Car Storage Building:
CAR BARN
Lot 9 Beach City Center
Hilton Head Island, South Carolina

REVISIONS	DATE

DRAWN BY: TCP
CHECKED BY:
DATE OF ISSUE: 2/13/24
SCALE:
JOB NO.: 1815
SHEET: **WHOLE SITE ELEVATIONS**

A.4

These documents & designs are the property of Parker Design Group|Architects & are not to be used or reproduced there of or for designs, working drawings, or construction of buildings without the written authorization from the copyright owner PDG|Architects 2023 copyright ©

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: 148 Beach City Road – New Car Barn DRB#: DRB-000276-2024

DATE: 2/27/2024 CATEGORY: Conceptual

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	☐	☒	☐	The architectural design of the building does not blend with the existing building on the site. Staff recommends that the applicant reconsider roof pitches/building height, or the existing roof overhangs on the stucco façade of the existing building to better blend the proposed building with the existing building
Promotes pedestrian scale and circulation	☐	☒	☐	Existing sidewalk does not connect to proposed sidewalk. It doesn't appear that proposed sidewalk is necessary.
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.	☐	☐	☒	Consider overhangs that better connect the design of this building with the existing building
Forms an 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	☒	☐	☐	Details will be submitted at final review.
Incorporates wood or wood simulating materials	☒	☐	☐	Details will be submitted at final review.
Windows are in proportion to the facade	☒	☐	☐	
Details are clean, simple and appropriate while avoiding excessive ornamentation	☒	☐	☐	Details will be submitted at final review.
Utilities and equipment are concealed from view	☐	☐	☒	Details will be submitted at final review.
Decorative lighting is limited and low wattage and adds to the visual character	☐	☐	☒	Specifications will be submitted at final review.
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	☐	☒	☐	**Specimen Live Oak needs to remain and be incorporated into design**
Provides Landscaping of a scope and size that is in proportion to the scale of the development	☐	☐	☒	Landscaping plan to be submitted at final review – applicable comment for remaining landscape design criteria
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	☐	☒	☐	**Specimen Live Oak needs to remain and be incorporated into design**. *Tree protection will be provided for any significant trees within 15' of proposed work.*
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 denial with resubmittal for Conceptual Review by the applicant with consideration for the following for Final:
    a. Redesign of proposed structure with consideration and protection of Specimen Live Oak
    b. Physical Material and Color Board on a 11”x17” - ask for example if needed
    c. Landscaping Plan
    d. Lighting Plan
    e. Connection and prominent building architectural details, as needed
    f. Final floor plans and elevation drawings
2. Any additional information as required by the Board.