

**Council Members**

District 2: Charlene McGriff, Chair

District 6: Allen Blackmon

District 5: Steve Harper

**County Attorney**

John K. DuBose III

**Clerk to Council**

Sherrie Simpson

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**September 10, 2019****10:00 AM****101 North Main Street  
Lancaster, SC 29720**

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**LANCASTER COUNTY  
Administration Committee****Administration Office Conference Room, County Administration Building, 101 North Main  
Street, Lancaster, SC 29720****AGENDA**

1. **Call to Order - Committee Chair Charlene McGriff**
2. **Approval of the Agenda**  
*[deletions and additions of non-substantive matters]*
3. **Citizens Comments**
4. **Approval of Minutes**
  - a. Approval of Minutes from the August 13, 2019 Administration Committee Regular Meeting
5. **Discussion/Action Items**
  - a. Ordinance 2019-1610 regarding Amending the County Code to Create the Position of Deputy County Administrator  
Ordinance Title: An Ordinance To Adopt Section 2-82 In Article 3 Of Chapter 2 Of The Lancaster County Code Of Ordinances Related To The Position Of Deputy County Administrator, Assign Duties And Responsibilities, And To Provide For Matters Related Thereto. - ***Steve Willis***
  - b. Ordinance 2019-1611 regarding Amending the County Code Related To Residency Requirements  
Ordinance Title: An Ordinance To Amend Section 2-132.1 Of The Lancaster County Code Related To Residency Requirements. - ***Steve Willis***
  - c. Indian Land Fee District Budget Amendment - Darren Player/Bill Parker
  - d. EMS Headquarters Project - Steve Willis/Kelvin Alexander/Clay Catoe
  - e. Request from Solicitor Randy Newman - Steve Willis
  - f. Proposal for Enhancements at Springs Park Boat Landing - Steve Willis/Hal Hiott
  - g. Additional Costs for Springs Park Boat Landing - Steve Willis/Hal Hiott
  - h. Monthly Report - Kim Belk
6. **Adjournment**

*Anyone requiring special services to attend this meeting should contact 285-1565 at least 24 hours in advance of this meeting. Lancaster County Administration Committee agendas are posted at the Lancaster*

***County Administration Building and are available on the Website: [www.mylancastersc.org](http://www.mylancastersc.org)***

## Agenda Item Summary

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Ordinance # / Resolution #: N/A

Contact Person / Sponsor: Sherrie Simpson/Clerk to Council

Department: County Clerk

Date Requested to be on Agenda: 9/10/2019

**Issue for Consideration:**

Approve or amend the minutes from the August 13, 2019 Administration Committee regular meeting.

**Points to Consider:**

The minutes from the August 13, 2019 Administration Committee meeting are attached for the Committee's review and approval.

**Funding and Liability Factors:**

N/A

**Options:**

The Committee can approve or amend the minutes.

**Recommendation:**

Approve the minutes as written.

**ATTACHMENTS:**

Description	Upload Date	Type
Draft Minutes from the 8-13-2019 Administration Committee Regular Meeting	9/6/2019	Backup Material

**Council Members**

District 2: Charlene McGriff, Chair  
District 6: Allen Blackmon  
District 5: Steve Harper

**County Attorney**

John K. DuBose III

**Clerk to Council**

Sherrie Simpson

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**August 13, 2019**

**10:00 AM**

**101 North Main Street  
Lancaster, SC 29720**

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**LANCASTER COUNTY  
Administration Committee**

**Administration Office Conference Room, County Administration Building, 101 North Main Street, Lancaster, SC 29720**

**MINUTES**

**DRAFT**

Committee members present at the Administration Committee regular meeting were Charlene McGriff, Steve Harper and Allen Blackmon. Also present at the Committee meeting were Council Member Larry Honeycutt, County Administrator Steve Willis, County Attorney John DuBose, Clerk to Council Sherrie Simpson, Planning Director Rox Burhans, Airport Manager Paul Moses, Budget Analyst Kim Belk, EMS Director Clay Catoe, Frannie Heizer from Burr, Forman and McNair law firm, various staff and Department Heads, citizens and guests to speak during the Suncrest Real Estate and Land presentation. A quorum of the Lancaster County Administration Committee was present for the meeting.

The following press were notified of the meeting by e-mail in accordance with the Freedom of Information Act: *Lancaster News*, *Kershaw News Era*, *The Rock Hill Herald*, Cable News 2, Channel 9 and the local Government Channel. The agenda was posted in the lobby of the County Administration building and also on the County website for the required length of time.

**Call to Order - Committee Chair Charlene McGriff**

Charlene McGriff called the Administration Committee regular meeting to order at approximately 10:05 a.m.

**Approval of the agenda**

Allen Blackmon moved to approve the agenda. The motion was seconded by Steve Harper. The Committee approved the agenda by unanimous vote of 3-0.

**Citizens Comments**

There were no citizens who came forward to speak during Citizens Comments.

**Approval of Minutes**

Steve Harper moved to approve the minutes from the July 17, 2019 Administration Committee regular meeting. The motion was seconded by Allen Blackmon. The Committee approved the minutes from the July 17, 2019 Administration Committee regular meeting by unanimous vote of 3-0.



## Discussion/Action Items

- a.** Presentation regarding the Proposed Sugar Creek Improvement District Assessment Revenue Bond - Suncrest Real Estate & Land

Sean Cooney from Suncrest Real Estate and Land introduced the team that would be presenting the information for the proposed Sugar Creek Improvement District Assessment Revenue Bond: Nick Dodd and Joe Niggel from Piper Jaffray, Joe Lucas from Pope Flynn and Alston DeVenny from Folks and DeVenny, LLC. Sean Cooney and the team provided a power point presentation that is attached as Schedule A to the written minutes in the Clerk to Council's office. Sean Cooney reviewed the proposed improvements to Harrisburg Road, regional water and sewer improvements, regional public greenway improvements and the costs for the improvements. Nick Dodd reviewed the qualifications of Piper Jaffray, the challenges associated with assessment bonds, the estimated cost per residential unit and investor distribution. Joe Lucas reviewed the South Carolina Statutory authority for creation of Improvement Districts and imposition of assessments, the County Public Works Improvement Act ("PWID Act"), the Residential Improvement District Act ("RID Act") and the process of bond issuance.

Frannie Heizer with Burr, Forman and McNair law firm discussed the history of assessment districts in Lancaster County and the policy considerations for assessment districts. She provided a three page handout, entitled "Introduction to Assessment Districts in South Carolina," which is attached as Schedule B to the written minutes in the Clerk to Council's office.

The Committee discussed the proposed project and assessment revenue bond projects in general. After discussion, Allen Blackmon moved to send the presentation forward to full Council with no recommendation from the Administration Committee. The motion was seconded by Steve Harper. The Committee moved the presentation forward to full Council without a recommendation from the Administration Committee by unanimous vote of 3-0.

- b.** Impact Fee Study - Robby Moody, Catawba Regional Council of Governments

Steve Willis explained that the information in the agenda packet regarding the Impact Fee Study was incorrect and that the numbers changed in the Fire arena but that the gist of the Impact Fee Study stayed the same. He provided an updated handout entitled, "Draft for Review - 08.12.2019, Indian Land/Van Wyck Impact Fee Study, August 2019," which is attached as Schedule C to the written minutes in the Clerk to Council's office. Steve Willis also provided a handout from Robby Moody with a subject entitled, "Indian Land/Van Wyck Impact Fee Study 2019 - Typical Examples," which is attached as Schedule D to the written minutes in the Clerk to Council's office. Robby Moody reviewed the history of the Impact Fee Study. Steve Willis indicated that the Study is based on the current Capital Improvement Plan (CIP) but that the CIP can be updated in the future, which would mean that the Study would need to be updated. Robby Moody explained that the Study gives a cost for growth per resident and per employee within an area and he reviewed the Impact Fees, as determined by the Study, with the Committee. Steve Harper stated that he needs additional time to study the commercial Impact Fees. The Committee discussed the possibility of discounting the fee(s).

Steve Harper moved to send the Impact Fee Study forward to full Council with a positive recommendation from the Administration Committee. The motion was seconded by Allen Blackmon. The Committee voted to move the Impact Fee Study forward to full Council with a positive recommendation by unanimous vote of 3-0.

Charlene McGriff asked what the timeline would be before the County could implement the Impact Fees and John DuBose stated that it would be approximately two and a half months to begin implementation of the fee.

- c.** Ordinance 2019-1602 regarding Amending the Assessment Roll for Walnut Creek For Bond Area 3  
Ordinance Title: An Ordinance To Authorize Certain Modifications To The Walnut Creek Improvement District Assessment Roll For Bond Area 3, Including Its Rate And Method Of Apportionment Of Assessment A; And To Provide For Other Matter Relating Thereto. - *John*

**DRAFT**

John DuBose reviewed Ordinance 2019-1602 with the Committee. Frannie Heizer with Burr, Forman and McNair law firm explained that the modifications to the Walnut Creek Improvement District Assessment Roll for Bond Area 3 effects 67 townhomes and has the consent of the property owners. She noted that the modifications are revenue neutral.

Steve Harper moved to send Ordinance 2019-1602 forward to full Council with a positive recommendation from the Administration Committee. The motion was seconded by Allen Blackmon. The Committee moved Ordinance 2019-1602 forward to full Council with a positive recommendation from the Administration Committee by unanimous vote of 3-0.

**d. Airport Lavatory Cart - Steve Willis/Paul Moses**

Steve Willis explained that the Airport was requesting to purchase a lavatory cart and that the Infrastructure and Regulation (I & R) Committee recommended that the Airport purchase it within their existing budget; however, he explained that, after reviewing their budget again, they could not purchase this equipment out of their existing budget because the account they were going to use looked like it was going to be in a deficit. He further explained that since the Airport was unable to purchase the cart out of their existing budget, the request was coming before the Administration Committee so that the cart could be purchased out of the General Fund. Kim Belk explained that the request did not follow the budget process and the request was not a part of the Airport's budget requests. Larry Honeycutt explained that there was no need for the request until the Airport had their first airplane that needed the service. Charlene McGriff asked Paul Moses how many requests the Airport had had for lavatory service and he noted that they had approximately six or seven requests for the service in the previous year. Steve Willis, Charlene McGriff and Allen Blackmon noted that the Airport Commission needs to be proactive regarding their capital improvement needs/requests and that they need to follow the budget request process.

Steve Harper moved to approve the request to purchase the Airport lavatory cart. The motion was seconded by Allen Blackmon. The motion to approve the request to purchase the Airport lavatory cart passed by unanimous vote of 3-0.

**e. Modification of Hangar for Twin Engine Aircraft - Steve Willis/Paul Moses**

Steve Willis explained that the Airport has had the owner of a King Air airplane express interest in parking his plane at the Lancaster County Airport and that in order to house the plane, the maintenance hangar would need modifications. Paul Moses explained that the individual has agreed to pay for the modifications himself if the County would agree to pay him back by allowing him to use the hangar rent free until all of the money he spent on upgrades is exhausted. He explained that the hangar normally rents for a thousand dollars (\$1,000.00) per month. Steve Willis explained that even with the County receiving their portion of taxes off the plane, the County would make more off of the hangar fees than the annual taxes from the plane.

Allen Blackmon suggested capping the expenses at a dollar amount. Charlene McGriff asked if the County had spec drawings for the modifications. Steve Willis indicated that the engineer has estimated that the modifications would cost approximately twenty-nine thousand four hundred dollars (\$29,400.00).

Steve Harper moved to authorize the County to entertain a lease with Mr. Hoopah for a thousand dollars (\$1,000.00) a month where he will pay the improvements and the County will reimburse up to thirty-five (35) months worth of rent. The motion was seconded by Allen Blackmon. The motion passed by unanimous vote of 3-0.

**f. Monthly Report - Kim Belk**

Kim Belk reviewed the revenues and expenditures for the month of June 2019. The Budget Monitoring Report for June 2019 is on file with the written minutes in the Clerk to Council's office and is attached to those minutes as

Schedule E. Kim Belk noted that the final numbers for June could change in the audit because they are still posting expenditures and waiting on revenue to come in from the end of the fiscal year. She discussed the importance of updating the Capital Improvement Plan (CIP).

### **Adjournment**

Allen Blackmon moved to adjourn the Administration Committee meeting. The motion was seconded by Steve Harper. The motion to adjourn passed by unanimous vote of 3-0. There being no further business, the Administration Committee regular meeting adjourned at approximately 12:00 p.m.

## Agenda Item Summary

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Ordinance # / Resolution #: Ordinance 2019-1610  
Contact Person / Sponsor: Steve Willis/Administration  
Department: Administration  
Date Requested to be on Agenda: 9/10/2019

**Issue for Consideration:**

To include in the County Code that the Deputy County Administrator has full authority to act as County Administrator in the event of the absence or incapacitation of the County Administrator.

**Points to Consider:**

It may seem strange to "create" the position of Deputy County Administrator when we already have one but that preamble is needed to include the section regarding their authority.

This will explicitly state the Deputy County Administrator has full authority to act as the County Administrator in his or her absence or incapacitation.

**Funding and Liability Factors:**

N/A on funding. This does remove any question as to their authority so it would reduce potential questions of liability.

**Options:**

Approve or reject the Ordinance.

**Recommendation:**

I recommend approval.

**ATTACHMENTS:**

Description	Upload Date	Type
Ordinance 2019-1610	9/4/2019	Ordinance



STATE OF SOUTH CAROLINA

COUNTY OF LANCASTER

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)  
)

ORDINANCE NO. 2019-1610

~~Indicates Matter Stricken~~

Indicates New Matter

### AN ORDINANCE

TO ADOPT SECTION 2-82 IN ARTICLE 3 OF CHAPTER 2 OF THE  
LANCASTER COUNTY CODE OF ORDINANCES RELATED TO THE POSITION OF  
DEPUTY COUNTY ADMINISTRATOR, ASSIGN DUTIES AND RESPONSIBILITIES,  
AND TO PROVIDE FOR MATTERS RELATED THERETO.

Be it ordained by the Council of Lancaster County, South Carolina:

#### **Section 1.     Amendment of County Code.**

Article 3 of Chapter 2 of the Lancaster County Code of Ordinances is amended as follows:

#### **2-82. Office created; functions.**

The position of deputy county administrator is hereby created. The deputy county administrator shall be appointed by and serve at the pleasure of the county administrator. The deputy county administrator shall assist the county administrator in all aspects of his duty and shall have primary oversight of such divisions/ departments as may be assigned by the county administrator.

In the absence or incapacitation of the county administrator the deputy county administrator shall have those powers and duties provided for in S.C. Code 1976, § 4-9-620 et seq. and such other powers and duties as may be required by the council.

**Secs. 2-823—2-90. - Reserved.**

#### **Section 2.     Severability.**

If any section, subsection or clause of this ordinance is held to be unconstitutional or otherwise invalid, the validity of the remaining sections, subsections and clauses shall not be affected.

**Section 3.     Conflicting Provisions.**

To the extent this ordinance contains provisions that conflict with provisions contained in the Lancaster County Code or other County ordinances, the provisions contained in this ordinance supersede all other provisions and this ordinance is controlling.

**Section 4.     Effective Date.**

This ordinance is effective upon Third Reading.

**AND IT IS SO ORDAINED**

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

**LANCASTER COUNTY, SOUTH CAROLINA**

\_\_\_\_\_  
Steve Harper, Chair, County Council

\_\_\_\_\_  
Larry Honeycutt, Secretary, County Council

ATTEST:

\_\_\_\_\_  
Sherrie Simpson, Clerk to Council

First Reading:        September 23, 2019  
Second Reading:     October 14, 2019  
Third Reading:        October 28, 2019

## Agenda Item Summary

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Ordinance # / Resolution #: Ordinance 2019-1611  
Contact Person / Sponsor: Steve Willis/Administration  
Department: Administration  
Date Requested to be on Agenda: 9/10/2019

**Issue for Consideration:**

Amending the County Code section regarding residency requirements.

**Points to Consider:**

This would make two changes:

- 1) This would remove the residency requirement for the County Attorney; and
- 2) This would add a residency requirement for the Deputy County Administrator.

**Funding and Liability Factors:**

N/A

**Options:**

The Committee may recommend approval or rejection of the Ordinance.

**Recommendation:**

I recommend approval of the Ordinance.

**ATTACHMENTS:**

Description	Upload Date	Type
Ordinance 2019-1611	9/4/2019	Ordinance

STATE OF SOUTH CAROLINA

COUNTY OF LANCASTER

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)  
)

ORDINANCE NO. 2019-1611

~~Indicates Matter Stricken~~

Indicates New Matter

### AN ORDINANCE

#### TO AMEND SECTION 2-132.1 OF THE LANCASTER COUNTY CODE RELATED TO RESIDENCY REQUIREMENTS.

Be it ordained by the Council of Lancaster County, South Carolina:

#### **Section 1.**     **Amendment to Section 2-132.1 of the Lancaster County Code.**

Section 2-132.1 of the Lancaster County Code is amended as follows:

#### **Sec. 2-132.1. - Residency requirements for certain county staff.**

- (a) On or after February 1, 2016, the county administrator, the ~~county attorney~~ deputy county administrator and the county's director of economic development shall reside permanently within the boundaries of Lancaster County during the entire period of employment.
- (b) Unless otherwise modified by council because of unusual circumstances, permanent residency shall be established within six (6) months following the staff member's acceptance of employment.

#### **Section 2.**     **Severability.**

If any section, subsection or clause of this ordinance is held to be unconstitutional or otherwise invalid, the validity of the remaining sections, subsections and clauses shall not be affected.

#### **Section 3.**     **Conflicting Provisions.**

To the extent this ordinance contains provisions that conflict with provisions contained in the Lancaster County Code or other County ordinances, the provisions contained in this ordinance supersede all other provisions and this ordinance is controlling.



**Section 4.    Effective Date.**

This ordinance is effective upon Third Reading.

**AND IT IS SO ORDAINED**

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

**LANCASTER COUNTY, SOUTH CAROLINA**

\_\_\_\_\_  
Steve Harper, Chair, County Council

\_\_\_\_\_  
Larry Honeycutt, Secretary, County Council

ATTEST:

\_\_\_\_\_  
Sherrie Simpson, Clerk to Council

First Reading:        September 23, 2019  
Second Reading:     October 14, 2019  
Third Reading:       October 28, 2019

## Agenda Item Summary

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Ordinance # / Resolution #:

Contact Person / Sponsor: Darren Player/Director of Fire/Emergency Services and Bill Parker/Indian Land Fire Fee District Board

Department: Emergency Management/Fire Services

Date Requested to be on Agenda: 9/10/2019

### **Issue for Consideration:**

Indian Land Fee District requests their budget be amended to allow for the hiring of three additional firefighters who will enter the 24 hour shift schedule, one per shift. Indian Land Fee District operational budget be increased by approximately \$205,000 to allow for the hiring of 3 additional firefighters for 24 hours shift duties. This amount includes salary, fringes, and necessary equipment, uniforms and PPE to outfit the 3 new employees.

### **Points to Consider:**

The addition of these three employees is part of the overall plan of Indian Land Fee District to have 4 person engine companies on 24 hour shift duty. Currently they have 2 person engine companies and this step moves that to 3 person engine companies. The number of personnel on the engine company is a safety issue and a standard engine company is comprised of at least 4 personnel usually. This planned addition of personnel is part of the stepped planning process to attain the 4 person engine company status.

### **Funding and Liability Factors:**

The fee district has the necessary funding available. However, it was not placed into accessible accounts for the current fiscal year budget as passed by County Council. These will be recurring costs since personnel salaries and costs are what will be funded.

### **Options:**

The Fee District asks the Administration Committee forward this request to the Full Council with a positive recommendation to move forward.

The Administration Committee could refuse to give this recommendation a positive recommendation or deny the request.

### **Recommendation:**

The Fee District Board, with Chair Bill Parker recommend this be moved forward. As Director of the Fire Rescue Service, I recommend this be approved and moved forward. These employees, like the others in the Indian Land career firefighter program, will be Lancaster County employees under the Fire Rescue chain of command.

## Agenda Item Summary

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Ordinance # / Resolution #: N/A

Contact Person / Sponsor: Steve Willis/Administration and Kelvin Alexander/Facilities Project Manager and Clay Catoe/EMS Department: Administration

Date Requested to be on Agenda: 9/10/2019

### **Issue for Consideration:**

To restart the EMS Headquarters Project or take it up later.

### **Points to Consider:**

The County has preliminary cost estimates. As I stated in my e-mail, I concur with Kelvin that the cost estimates are not realistic.

Since the prior funding was returned to the General Fund fund balance I suggest we start with this project and do it the way we need to on future projects:

1. Kelvin and Clay review the plans to determine a desired scope of work. In this case it will include phases and time frames for subsequent work.
2. At that point we return to the Public Safety Committee to seek concurrence on the scope of work.
3. Once we have Committee sign off we will come to full Council for concurrence on the scope of work.
4. Once we have Council concurrence we will re-engage with the architect and Procurement to develop a realistic cost estimate.
5. We return to Council, via the Administration Committee, and make sure there is concurrence on the scope and cost. If not, we begin shrinking the scope.
6. When we reach an equilibrium where Council is satisfied with a reduced scope and cost, we proceed with finalizing construction plans, including delivery method and funding source. In this case we would also need a timetable for subsequent construction.
7. Only at that point do we work with Finance to set aside funding for the project.

### **Funding and Liability Factors:**

None at this time.

### **Options:**

Determine if Council is happy proceeding as described above.

### **Recommendation:**

Proceed as described above.

## Agenda Item Summary

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Ordinance # / Resolution #: N/A

Contact Person / Sponsor: Randy Newman/Solicitor

Department: Administration

Date Requested to be on Agenda: 9/10/2019

### **Issue for Consideration:**

The attached letter was received on September 3rd concerning a position that will be without funding at the end of September. The request is to fund a Sexual Assault Solicitor position.

### **Points to Consider:**

The letter was received long after the budget process.

The decision to fund or not fund the position is strictly at the discretion of County Council.

The letter does not indicate if this position is full-time in Lancaster County. I will try to find that out but am rushing to get the basic information into Novus due to the time frame.

### **Funding and Liability Factors:**

With fringe this comes to \$85,241.

### **Options:**

Agree to fund or not fund the position. Due to the timing there is no possibility of completing a budget amendment ordinance before the end of the month. If Council agrees we would have to handle this on the fly until we could get an ordinance through the process.

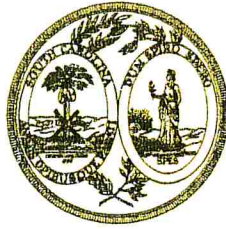
### **Recommendation:**

If the position is full-time in Lancaster County I will reluctantly recommend funding the position. This attorney works the most heinous crimes and we don't need those perpetrators running loose. That said, the end of the grant period was known well in advance and you know my disdain for not following the budget process as adopted by County Council.

### **ATTACHMENTS:**

Description	Upload Date	Type
Solicitor Letter	9/3/2019	Letter

State of South Carolina  
Solicitor, Sixth Judicial Circuit



CHESTER/FAIRFIELD  
LANCASTER  
RANDY E. NEWMAN, JR., SOLICITOR

August 28, 2019

Steve Willis, Administrator  
County of Lancaster  
101 N. Main Street  
Lancaster, SC 29720

Re: Solicitor's Office funding

Dear Steve,

Earlier this year my office was notified by grant administrators that there would be no need to re-apply for our Sexual Assault prosecution grant. The grant has run its course over the past three years and will end in September of this year. That grants provides for the salaries of 1 investigator and 1 very experienced Assistant Solicitor.

I have spent several weeks attempting to find funding to keep these folks on board. I will be able to transfer the investigator to another grant position, but I was unable to do so with the Assistant Solicitor. This Assistant Solicitor specializes in Sexual Assault and Domestic Violence and I believe that position is vital to this office. Those are specialized cases with many difficult issues, and I cannot assign them to an unexperienced or untrained prosecutor. The grant has paid thousands of dollars for specialized trainings that the other Assistant Solicitors do not have.

I would like for the County to consider funding this specialized position. This is an attorney with over 12 years of experience as a prosecutor. Attorneys with this type of experience and training do not come along every day. Her current salary is \$65,000.00 annually plus fringe. Total cost to the county for this position would be 85,241.00. I do realize this is not budget time, but I would like the county to consider this request. I appreciate what this county has done for this office in the past and I look forward to future growth.

Sincerely,

Randy E. Newman, Jr.

Cc: Steve Harper                      Terry Graham                      Charlene McGriff  
Billy Mosteller                      Larry Honeycutt                      Allen Blackmon                      Brian Carnes

## Agenda Item Summary

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Ordinance # / Resolution #: N/A

Contact Person / Sponsor: Steve Willis/Administration and Hal Hiott/Recreation Department

Department: Administration

Date Requested to be on Agenda: 9/10/2019

### **Issue for Consideration:**

A proposal from Duke Energy to fund enhancements at the Springs park Boat Landing.

### **Points to Consider:**

Under the proposal the following items (shown in blue on the plan sheet) would be added at the boat landing:

- Additional parking spaces (14),
- Additional sidewalk as shown to connect the proposed amenities,
- Picnic tables with concrete pads (3),
- A picnic shelter with 4 picnic tables, 2 grills, and 1 can for ashes,
- A toilet (with vault for pumping out) at the Boat Ramp area,
- A toilet (with vault for pumping out) at the fishing pier area, and
- A kayak launch near the boat ramp.

### **Funding and Liability Factors:**

Duke is submitting a fixed cost for us of \$401,795 for all work. I would note that we could take a deduct of \$52,070 if we delete the kayak launch. We do not recommend such but did want to mention it.

We would avoid extensive potential liability by allowing Duke Energy to handle the engineering, permitting, and construction.

### **Options:**

Approve all, some, or none of the proposed expenditure.

### **Recommendation:**

I recommend that we proceed with the full package from Duke.

### **ATTACHMENTS:**

Description	Upload Date	Type
Duke Letter	8/28/2019	Exhibit
Duke Plans	8/28/2019	Exhibit

August 20, 2019

Mr. Steve Willis  
Lancaster County Government  
PO Box 1809  
101 N Main St  
Lancaster, SC 29720

Reference: Additional Amenities at Springs Park Access Area  
Lancaster County, South Carolina

Dear Mr. Steve Willis:

Duke Energy Carolinas, LLC proposes to construct additional improvements to the Springs Park Access Area at the cost of Lancaster County to add public recreation opportunities on Fishing Creek Reservoir in Lancaster County. These improvements detailed below were requested as non-project improvements not required for Duke Energy Carolinas to construct. This proposal represents an opportunity for Lancaster County to save contractor costs associated with the procurement, management, and other such costs generally required for construction because of synergies created with Duke Energy having a contractor onsite for compliance required construction. This additional scope shall be completed in tandem with Duke Energy's work slated for construction in the Fall of 2019 with an estimated finish date of December 31<sup>st</sup>, 2019.

**Scope of Work:**

- 1) (14) Additional single vehicle parking spots in the fishing pier area
- 2) (3) Picnic tables w/ pads in the fishing pier area
- 3) (1) Picnic shelter with (4) picnic tables, (2) Grills, and (1) Ash Can
- 4) (1) CXT Vault Toilet Restroom located in the fishing pier area
- 5) (1) CXT Vault Toilet Restroom located at the boat ramp
- 6) (1) Canoe/Kayak launch located near boat ramp
- 7) Concrete Sidewalk to tie additional amenities to planned or existing amenities\*

\*As shown on highlighted plan provided

**Lump sum price for all proposed amenities: \$401,795.00**

- At Lancaster County's discretion, \$52,070 can be deducted to remove the Canoe/Kayak launch from the scope of work.

**Clarifications**

This proposal remains valid for a period of 60 days from its submittal date. All amenities have been specified in the Owners Specification Document provided as part of this submittal. All amenity locations have been shown in the provided plan set.

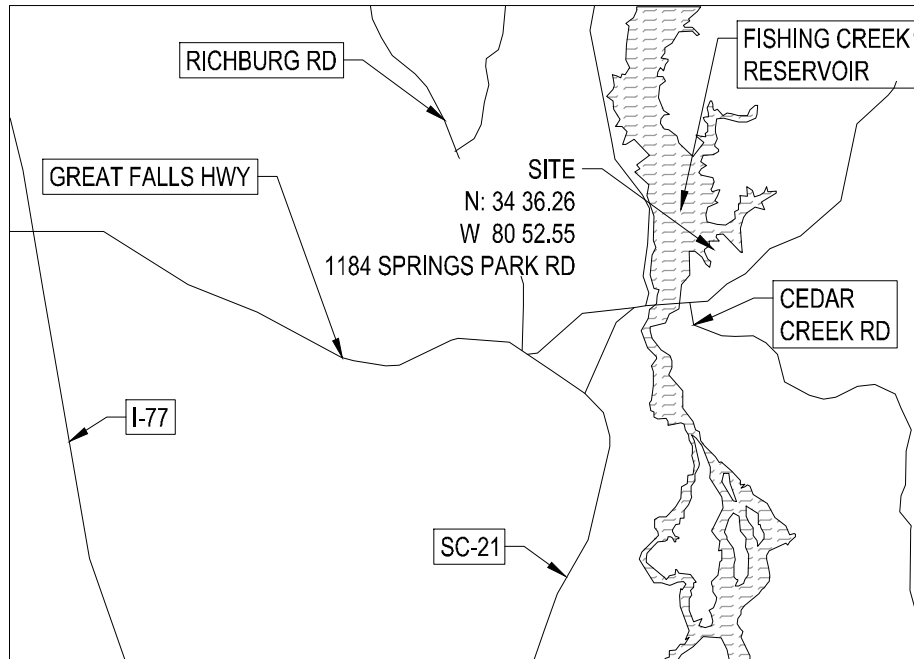
Sincerely,



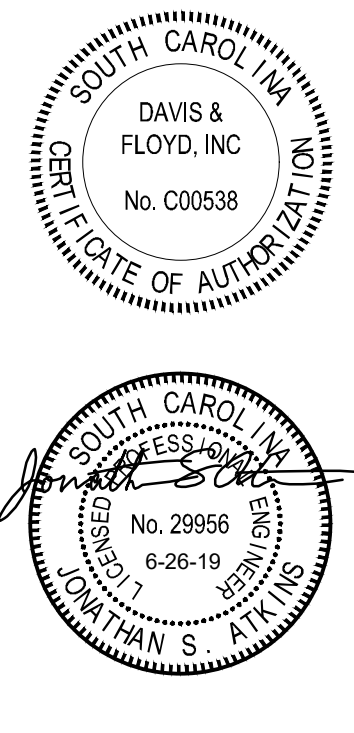
Ryan Lindsey, Public Safety Recreation Strategy Planning

*FISHING CREEK RESERVOIR - LANCASTER COUNTY, SOUTH CAROLINA*

## CHARLOTTE, NORTH CAROLINA



## VICINITY MAP



DAVIS &amp; FLOYD

**SINCE 1954**

**WWW.DAVISFLOYD.COM**  
1319 HIGHWAY 72/221 EAST  
GREENWOOD, SOUTH CAROLINA 29649  
864.270.5214

DUKE ENERGY CORPORATION

CHARLOTTE NORTH CAROLINA

SPRINGS PARK ACCESS AREA

## COVER SHEET

ISSUE NO.	RELEASED	CHECKED	DATE
1055-149			
1	IN REVIEW SUBMITTAL	BPR	4-2-13
2	IN REVIEW SUBMITTAL	BPR	4-2-13
3	IN REVIEW SUBMITTAL	BPR	4-2-13
4-4-19			
1	IN REVIEW SUBMITTAL	BPR	4-2-13
2	IN REVIEW SUBMITTAL	BPR	4-2-13
RRH			
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BPR			
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PAGE 1 OF 17

## PROJECT SUMMARY

PROJECT ADDRESS: 1184 SPRINGS PARK F  
LANCASTER, SC

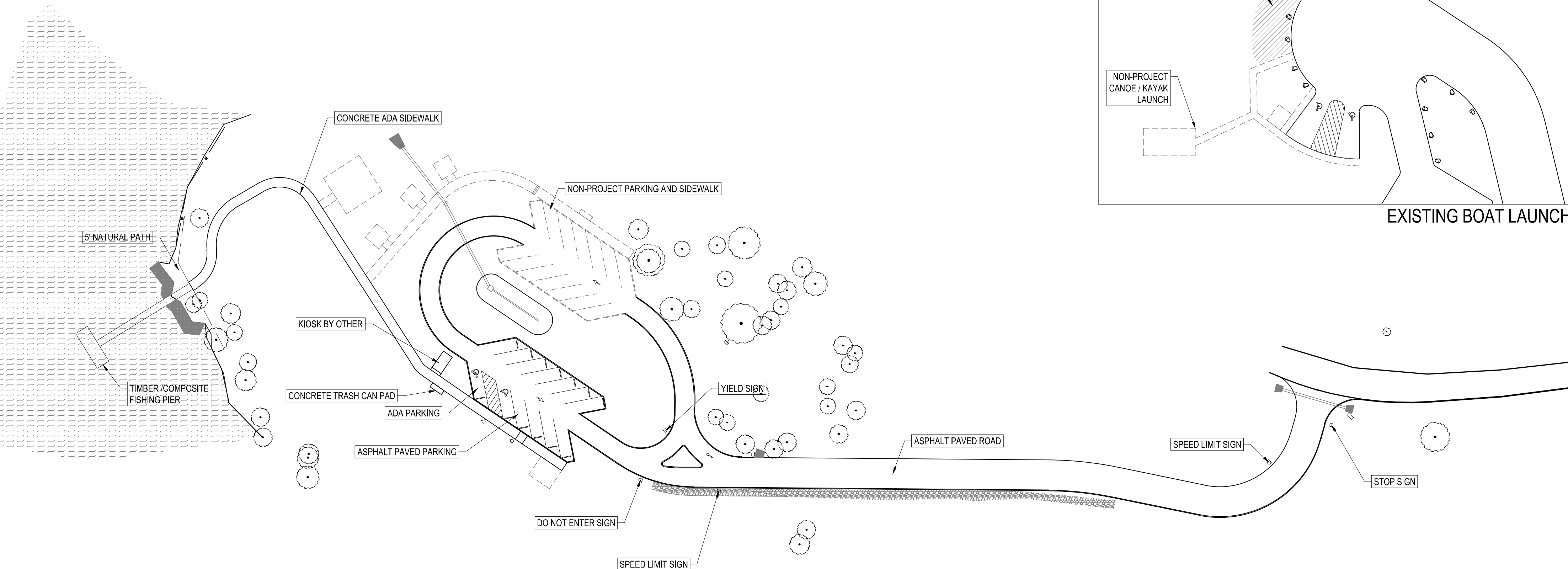
PROJECT DESCRIPTION:  
UPGRADES TO SPRINGS PARK ACCESS AREA INCLUDE:  
THE INSTALLATION OF AN ADA ACCESSIBLE PUMP AND HAUL VAULT TOILET  
THE INSTALLATION OF A BIO-SWALE  
THE INSTALLATION OF AN ASPHALT PAVED PARKING LOT  
THE INSTALLATION OF A BANK FISHING TRAIL  
THE INSTALLATION OF A FISHING PIER  
UPGRADES TO THE PUBLIC INFORMATION SIGNAGE

PARCEL NUMBER: 0128-00-014.0

**PARKING SUMMARY:**

NORMAL SPACES: 11  
ADA SPACES: 2

**PROJECT CONSTRUCTION:**  
THE CONSTRUCTION OF THIS PROJECT IS ESTIMATED TO BE FROM AUGUST  
DECEMBER 2019



## EXISTING BOAT LAUNCH

Sheet List Table	
Sheet Number	Sheet Title
CS1	Cover Sheet
C010	Existing Conditions
C102	Demolition Plan
C103	Erosion Control Plan
C200	Overall Layout Plan
C201	Parking Layout Plan
C300	Overall Grading Plan
C301	Parking Area Grading, Stormwater and Erosion Control Plan
C302	Soil Boring Logs
C303	Profile and Layout Data Sheet
C820	Site Details
C821	Site Details
C830	Grading and Erosion Control Details
L100	Landscape Plan
L200	Landscape Details
S101	Timber-Composite Fishing Pier Details
S102	Timber-Composite Fishing Pier Details



Know what's below.  
Call before you dig.

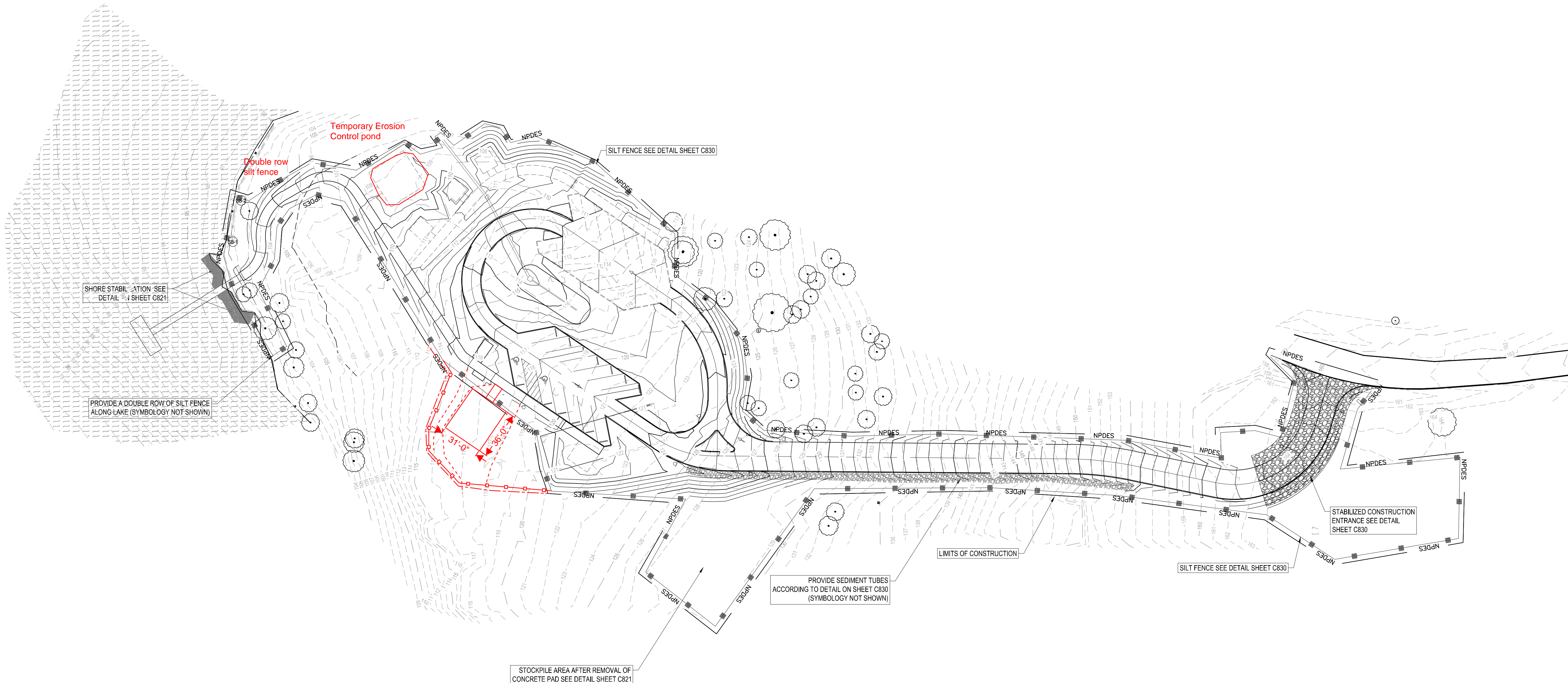
SITE DATA

TOTAL DISTURBED.....	2.4 AC
NEW IMPERVIOUS.....	0.60 AC
TOTAL SITE.....	18.0 AC

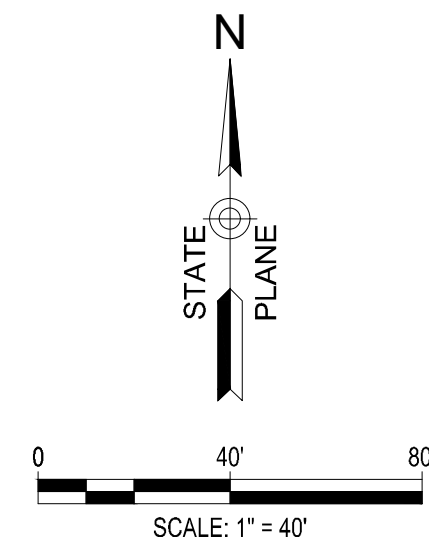


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THESE DRAWINGS AND THE DESIGN THEREON ARE THE PROPERTY OF DAVIS & FLOYD, INC. AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF THE ENGINEER, ARCHITECT AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION

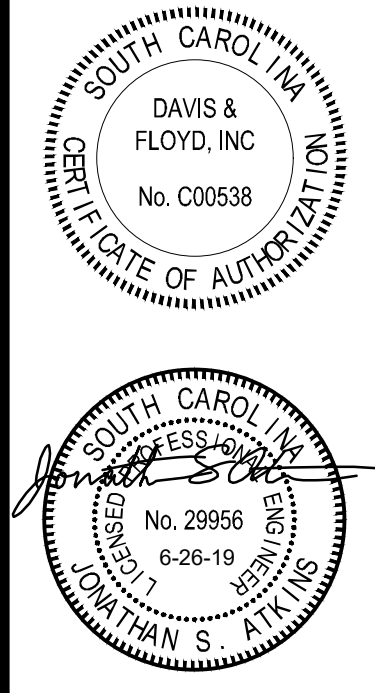
LEGEND  
—— (400) ——— PROPOSED CONTOUR (1' INTERVAL)  
—— SILT FENCE



Know what's below.  
Call before you dig.



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



**DAVIS & FLOYD**  
SINCE 1954  
www.davisfloyd.com  
1319 HIGHWAY 70221 EAST  
GREENWOOD, SOUTH CAROLINA 29649  
864-229-5211

OWNER  
**DUKE ENERGY CORPORATION**  
CHARLOTTE, NORTH CAROLINA  
PROJECT TITLE  
**SPRINGS PARK ACCESS AREA**

DRAWING TITLE				EROSION CONTROL PLAN			
NO.	DATE	RELEASED	CHECKED	DATE	NO.	DATE	RELEASED
1086149	DATE	1086149	DATE	1086149	1	5-9-19	1086149
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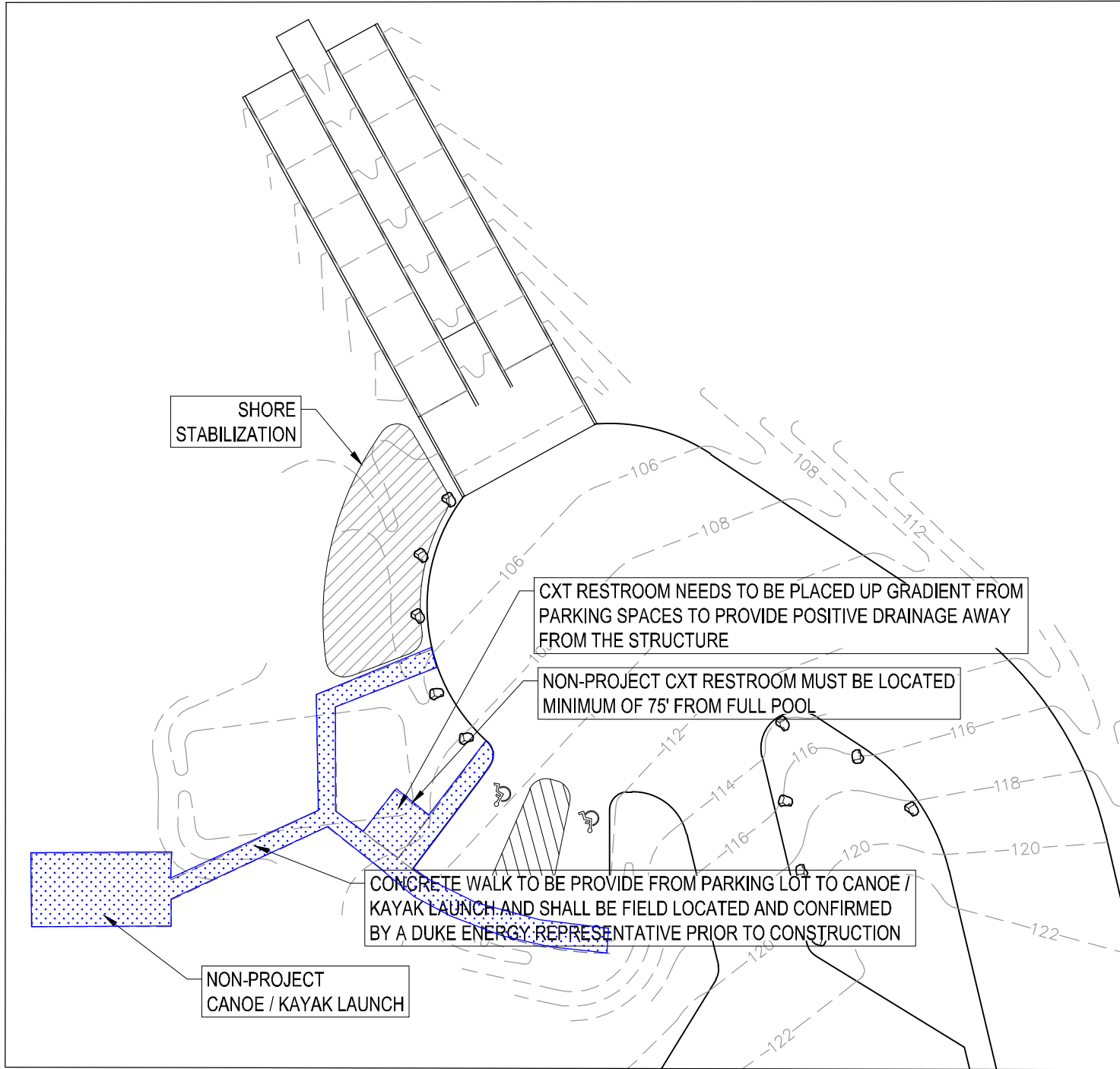
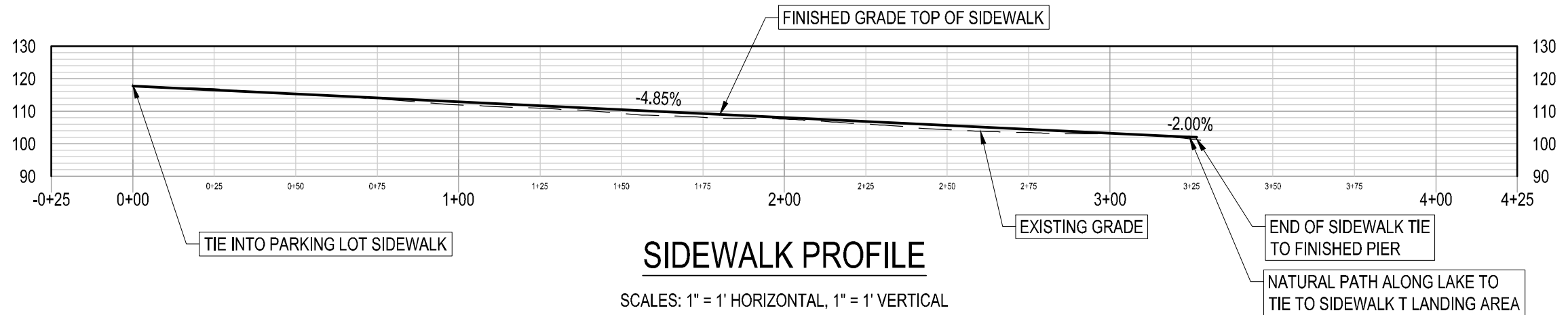


SIDEWALK PROFILE - DATA TABLE

Tangent Data			
Description	PT Station	Northing	Easting
Start:	0+00.000	1009064.652	2035502.588
End:	0+41.000	1009068.031	2035468.917
Circular Curve Data			
Parameter	Value	Parameter	Value
Length:	41	Course:	N 55° 14' 02.9145" W
Curve Point Data			
Description	Station	Northing	Easting
PC:	0+41.000	1009068.031	2035468.917
PT:	0+82.284	1009091.807	2035465.268
Circular Curve Data			
Parameter	Value	Parameter	Value
Delta:	22° 25' 44.2151"	Type:	RIGHT
Radius:	13.5	DOC:	424' 24" 47.4670"
Length:	5.285	Tangent:	2.677
Mid-Ord:	0.758	External:	0.263
Chord:	5.253	Course:	N 44° 01' 10.8070" W
Tangent Data			
Description	PT Station	Northing	Easting
Start:	0+46.284	1009091.807	2035465.268
End:	1+07.504	1009143.263	2035432.1
Circular Curve Data			
Parameter	Value	Parameter	Value
Length:	61.22	Course:	N 32° 48' 18.6995" W
Tangent Data			
Description	PT Station	Northing	Easting
Start:	1+07.504	1009143.263	2035432.1
End:	1+32.247	1009184.06	2035418.695
Circular Curve Data			
Parameter	Value	Parameter	Value
Length:	24.743	Course:	N 32° 48' 18.6995" W
Tangent Data			
Description	PT Station	Northing	Easting
Start:	1+32.247	1009184.06	2035418.695
End:	1+93.360	1009213.597	2035386.439
Circular Curve Data			
Parameter	Value	Parameter	Value
Length:	59.113	Course:	N 33° 08' 11.8446" W
Curve Point Data			
Description	Station	Northing	Easting
PC:	1+93.360	1009213.597	2035386.439
PT:	2+32.203	1009222.124	2035350.423
Circular Curve Data			
Parameter	Value	Parameter	Value
Length:	38.843	Course:	N 33° 08' 11.8446" W

Tangent Data			
Description	PT Station	Northing	Easting
Start:	2+32.203	1009222.124	2035350.423
End:	2+53.656	1009211.303	2035331.898
Circular Curve Data			
Parameter	Value	Parameter	Value
Length:	21.453	Course:	S 59° 42' 33.6544" W
Curve Point Data			
Description	Station	Northing	Easting
PC:	2+53.656	1009211.303	2035331.898
PT:	2+93.850	1009179.995	2035350.187
Circular Curve Data			
Parameter	Value	Parameter	Value
Delta:	63° 30' 52.1307"	Type:	LEFT
Radius:	36.258	DOC:	159° 01' 16.8382"
Length:	40.194	Tangent:	22.444
Mid-Ord:	5.428	External:	6.384
Chord:	38.167	Course:	S 27° 57' 07.5893" W
Tangent Data			
Description	PT Station	Northing	Easting
Start:	2+93.850	1009179.995	2035350.187
End:	2+93.981	1009177.458	2035314.017
Circular Curve Data			
Parameter	Value	Parameter	Value
Length:	0.131	Course:	S 03° 54' 30.8833" E
Tangent Data			
Description	PT Station	Northing	Easting
Start:	2+93.981	1009177.458	2035314.017
End:	2+96.589	1009174.856	2035314.2
Circular Curve Data			
Parameter	Value	Parameter	Value
Length:	2.608	Course:	S 04° 00' 43.3247" E
Curve Point Data			
Description	Station	Northing	Easting
PC:	2+96.589	1009174.856	2035314.2
PT:	3+22.427	1009152.496	2035299.065
Circular Curve Data			
Parameter	Value	Parameter	Value
Delta:	58° 37' 34.3824"	Type:	RIGHT
Radius:	25.297	DOC:	230° 34' 42.4893"
Length:	25.838	Tangent:	14.174
Mid-Ord:	3.229	External:	3.701
Chord:	24.728	Course:	S 25° 10' 47.7023" W
Tangent Data			
Description	PT Station	Northing	Easting
Start:	3+22.427	1009152.496	2035303.64
End:	3+27.825	1009149.613	2035299.065
Circular Curve Data			
Parameter	Value	Parameter	Value
Length:	5.398	Course:	S 57° 56' 32.8832" W

Point Table				
Point #	Elevation	Northing	Easting	Description
1	162.41	1009042.06	2036153.26	CENTER PT
2	161.64	1009061.36	2036083.89	CENTER PT
3	161.14	1009056.82	2036052.50	CENTER PT
4	89.65	1009114.65	2035215.81	PIER
5	90.70	1009118.86	2035222.62	PIER
6	101.00	1009095.04	2035237.34	PIER
7	101.00	1009090.83	2035230.53	PIER



CAST-IN-PLACE CONCRETE:

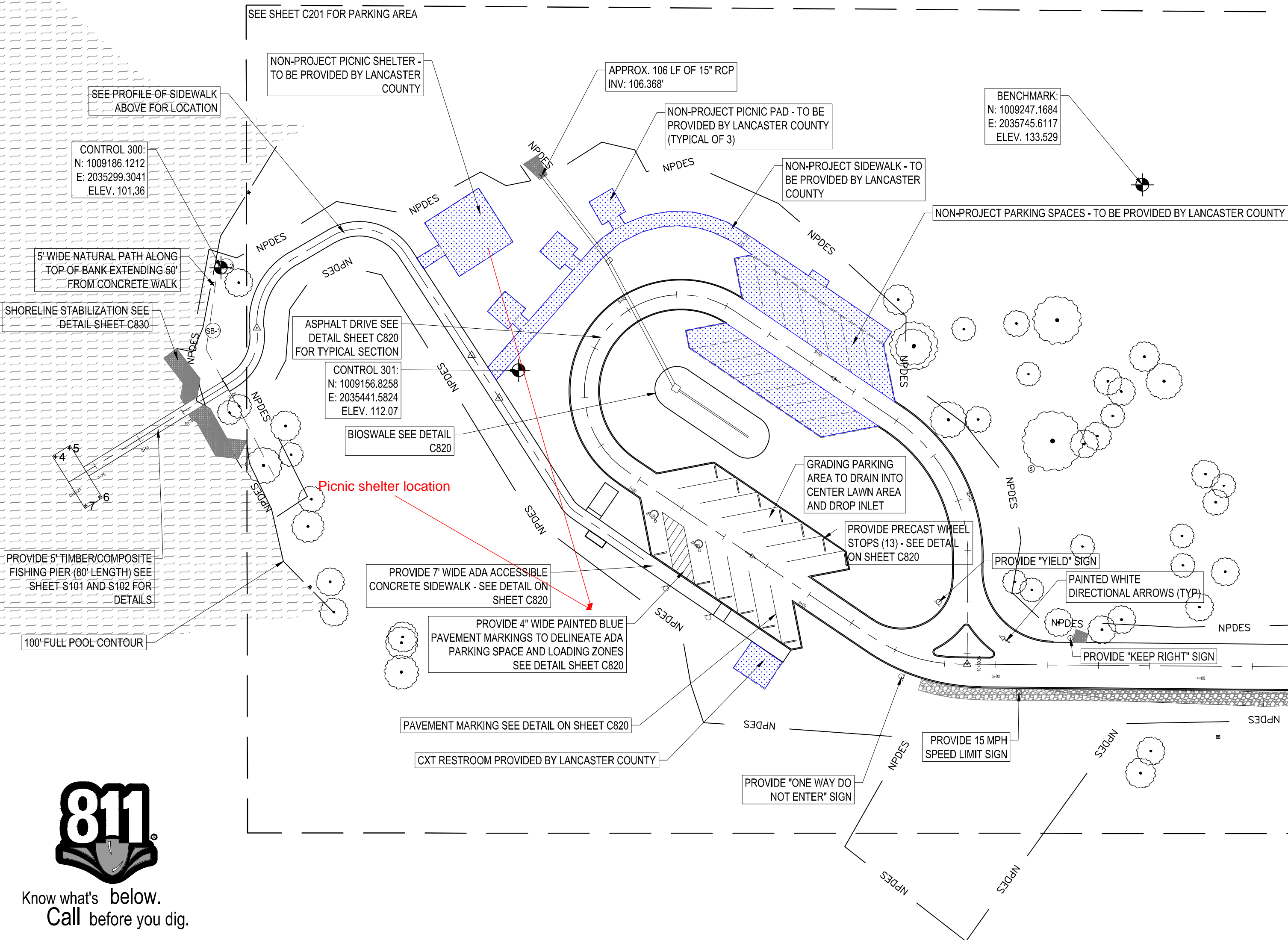
- SUBMITTALS: SEE SPECIFICATIONS.
- COMPLY WITH ASTM C 94/ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE", AND CRSI'S MANUAL OF STANDARD PRACTICE." (LATEST EDITIONS)
- DEFORMED REINFORCING BARS: ASTM A615, GRADE 60.
- PORTLAND CEMENT: ASTM 185, TYPE II.
- FLY ASH: ASTM C 618, TYPE F (LIMITED TO 20% OF TOTAL CEMENT CONTENT).
- PROPORTION NORMAL WEIGHT CONCRETE MIXES TO PROVIDE THE FOLLOWING PROPERTIES:
  - COMPRESSIVE STRENGTH: 4000 PSI AT 28 DAYS FOR ABUTMENT.
  - WATER-CEMENT RATIO: 0.45 MAXIMUM AT POINT OF PLACEMENT FOR SLABS ON GRADE
  - AIR CONTENT: 5.5% TO 7.0% FOR CONCRETE EXPOSED TO FREEZING AND THAWING
- UNLESS OTHERWISE NOTED, ALL DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL CONFORM TO THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" ACI 315, LATEST EDITION.
- ALL REINFORCING BAR SPICE LENGTHS AND LOCATIONS, EMBEDMENT LENGTHS, HOOKS, ETC. SHALL BE MADE AS SHOWN ON THE DRAWINGS. DEVIATIONS SHALL ONLY BE MADE UPON APPROVAL OF THE ENGINEER.
- PROVIDE CLASS B LAP SPLICES IN ACCORDANCE WITH ACI 318 UNLESS NOTED OTHERWISE.
- UNLESS OTHERWISE NOTED, CHAMFER ALL EXPOSED CONCRETE CORNERS WITH A 3/4 INCH x 45 DEGREE CHAMFER.
- CROSS REFERENCE ALL CONSTRUCTION DOCUMENTS FOR DIMENSIONS AND LOCATIONS NOT SPECIFICALLY SHOWN. INFORM THE ENGINEER IN WRITING OF MISSING INFORMATION OR CONFLICTS.
- DO NOT ADD WATER TO CONCRETE DURING DELIVERY, AT PROJECT SITE OR DURING PLACEMENT UNLESS APPROVED BY THE ENGINEER.
- PROTECT CONCRETE FROM PHYSICAL DAMAGE OR REDUCED STRENGTH DUE TO WEATHER EXTREMES DURING MIXING, PLACING AND CURING.
- FORM 1/8" WIDE CONTRACTION JOINTS 2 1/2" DEEP WITH POWER SAWS WHEN CUTTING ACTION WILL NOT TEAR, ABRASE OR OTHERWISE DAMAGE CONCRETE SURFACE AND BEFORE CONCRETE DEVELOPS RANDOM CONTRACTION JOINTS.
- BEGIN CURING UNFORMED CONCRETE AFTER FINISHING. KEEP CONCRETE CONTINUOUSLY MOIST FOR AT LEAST 7 DAYS OR APPLY MEMBRANE FORMING CURING COMPOUND TO CONCRETE.
- AN INDEPENDENT TESTING AGENCY SHALL BE RETAINED TO PERFORM TESTING AND TO SUBMIT TEST REPORTS.
- PROTECT CONCRETE FROM DAMAGE. REPAIR CONCRETE SURFACE DEFECTS WITH METHODS AND MATERIALS APPROVED BY ENGINEER.

EARTHWORK NOTES:

- CONCRETE PIER ABUTMENT AND SIDEWALK HAVE BEEN DESIGNED FOR 2000 PSF ALLOWABLE SOIL BEARING PRESSURE. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY THE SOIL BEARING CAPACITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AN PROTECTING ALL SERVICE AND UTILITY LINES ON THE SITE PRIOR TO BEGINNING EXCAVATION.
- EXCAVATIONS REQUIRING MORE THAN 4 FEET OF SOIL REMOVAL SHALL BE ADEQUATELY SHORED OR LAID BACK TO PREVENT SIDE WALL CAVING OR COLLAPSE.
- IF BOTTOM OF PIER ABUTMENT OF SIDEWALK EXCAVATION IF FOUND TO BE INADEQUATE TO PROVIDE THE DESIGN SOIL BEARING CAPACITY, THEN THE AREAS IN QUESTION SHALL BE UNDERCUT AND REPLACED WITH STRUCTURAL FILL OR NO. 57 STONE.
- STRUCTURAL FILL SHALL HAVE A LIQUID LIMIT LESS THAN 50, A PLASTIC INDEX LESS THAN 25 AND A STANDARD PROCTOR MAXIMUM DRY DENSITY GREATER THAN 90 PCF (ASTM D698).
- PLACE STRUCTURAL FILL IN LOOSE LIFTS OF 8" MAX AND METHODICALLY COMPACT WITH HEAVY COMPACTION EQUIPMENT TO AT LEAST 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698).
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER/OWNER IMMEDIATELY IF SUBSURFACE CONDITIONS ARE FOUND TO DEVIATE FROM THE DRAWINGS.

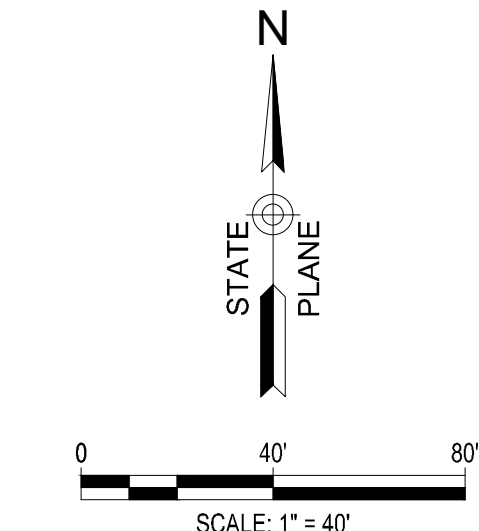
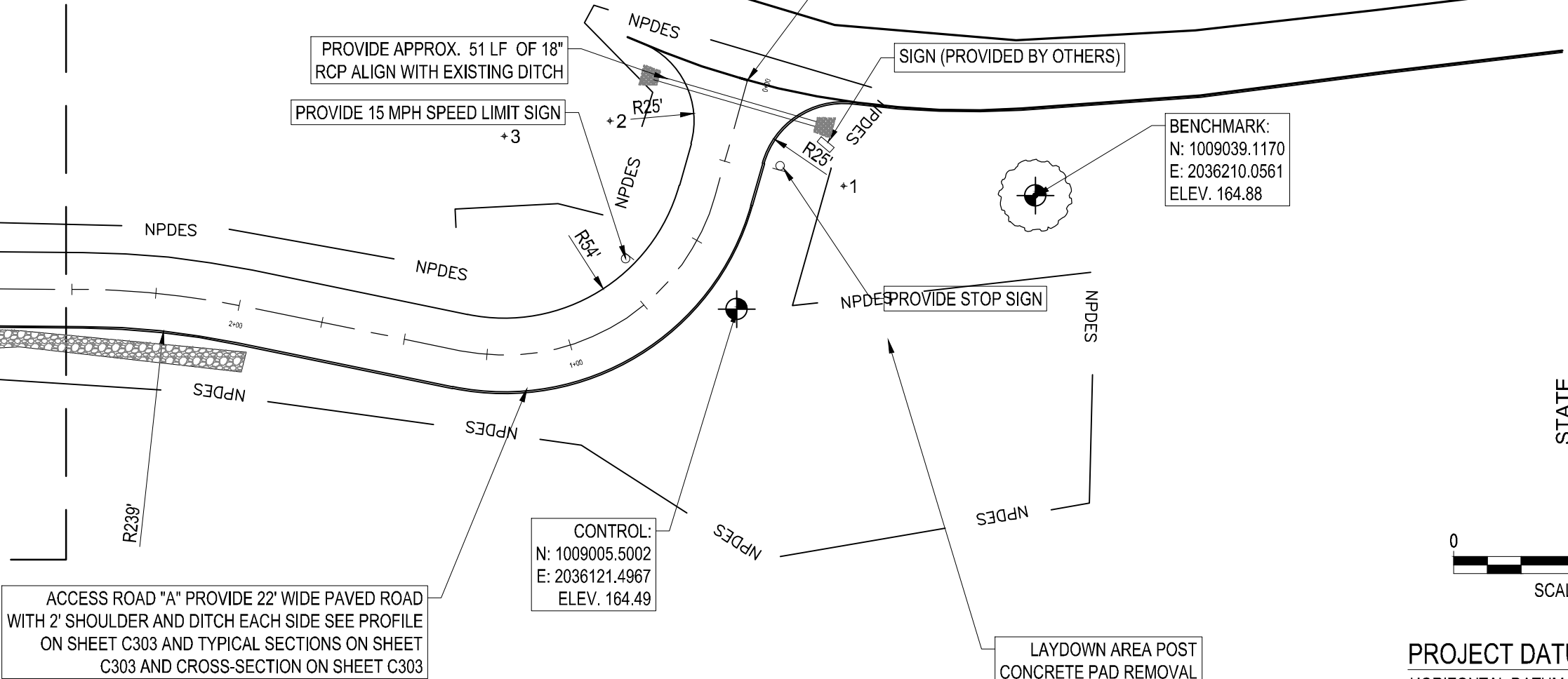
GENERAL NOTES:

- ENTRANCE SIGN AND KIOSK DESIGN WILL BE PROVIDED BY THE OWNER. CONTRACTOR SHALL FABRICATE AND INSTALL. COORDINATE PLACEMENT WITH OWNER.
- PATH TO SHORELINE CAN BE ADJUSTED BASED ON FIELD CONDITIONS. IF PATH DEVIATES FROM THE PATH SHOWN, THE CONTRACTOR SHALL VERIFY THAT THE SLOPE DOES NOT EXCEED 5% TO ANY POINT. CONTRACTOR SHALL STAKE PATH AND COORDINATE WITH THE OWNER PRIOR TO INSTALLATION.
- PROVIDE CLASS 8 RIP RAP BETWEEN THE ABUTMENT AND THE 97.00' CONTOUR UNDERNEATH THE PIER AND EXTENDING 5' BEYOND THE EDGE OF THE PIER.
- ALL SIGNS, UNLESS NOTED OTHERWISE, SHALL MEET MUTED STANDARDS.



EXISTING BOAT LAUNCH

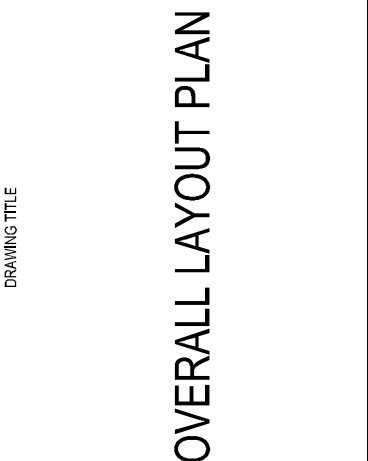
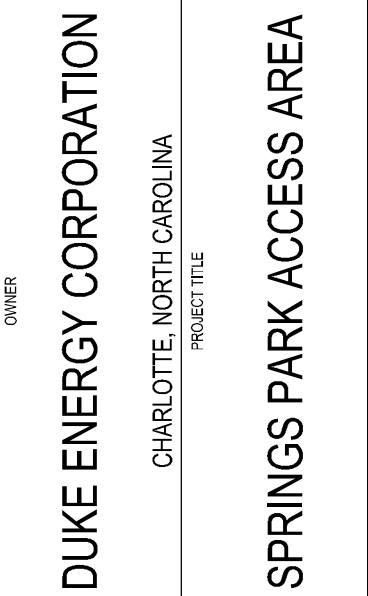
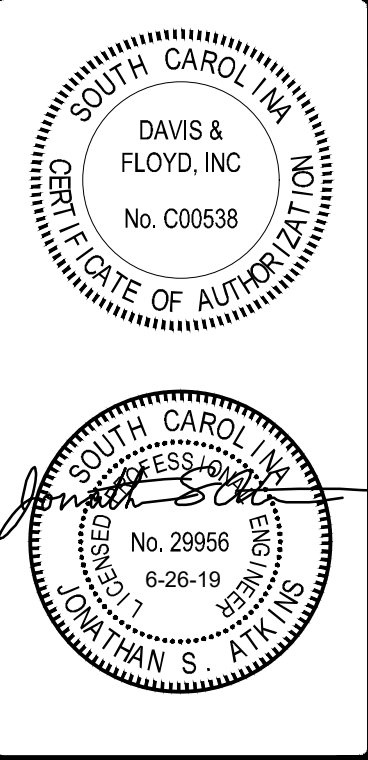
NOTES: SITE LAYOUT FOR THIS LOCATION WAS BASED ON EXISTING CONDITIONS PROVIDED BY DUKE ENERGY. NO ON SITE VERIFICATION OR SURVEY WAS COMPLETED BY DAVIS & FLOYD.



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



Know what's below.  
Call before you dig.



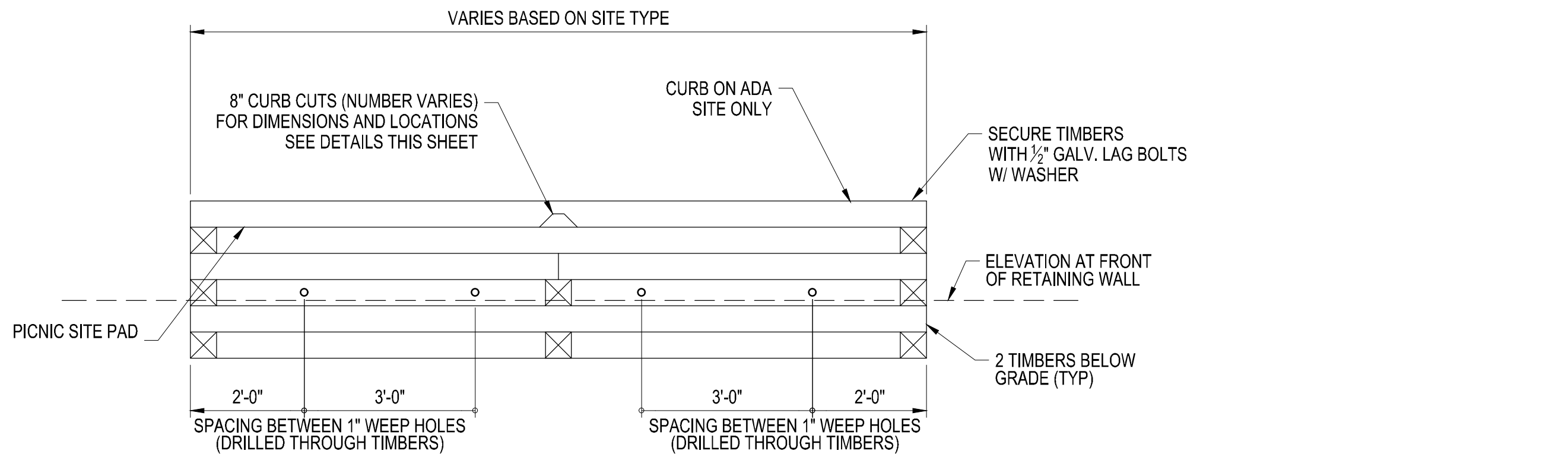
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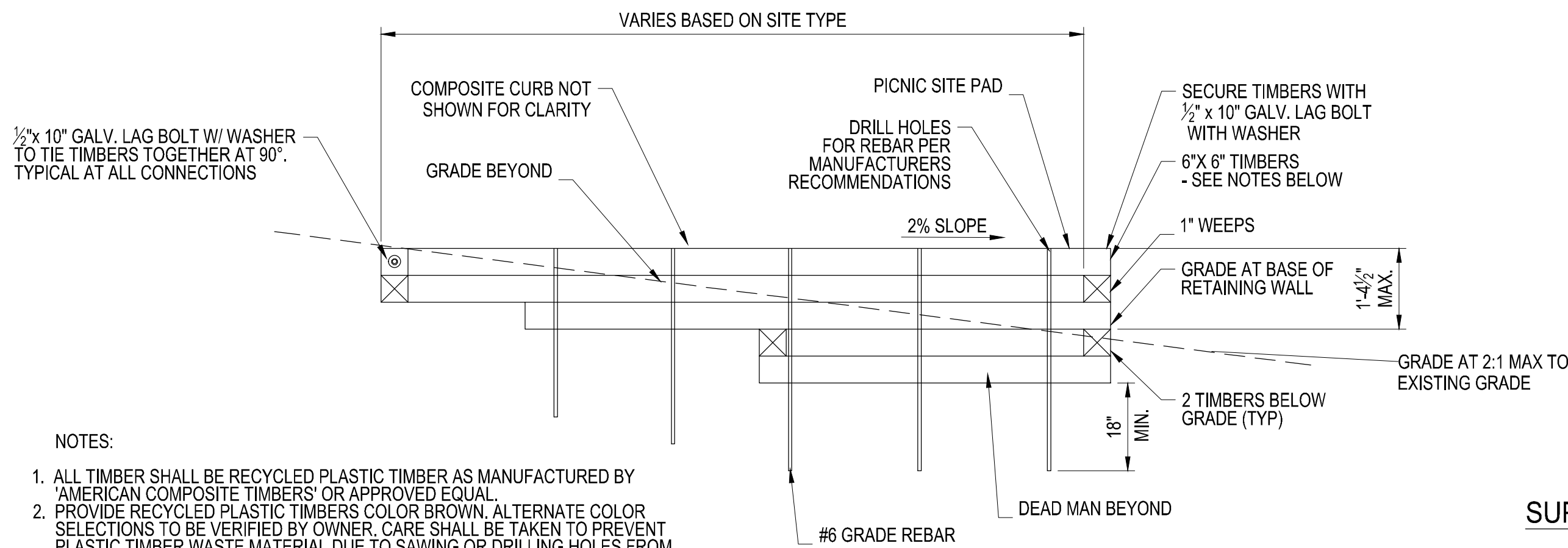


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PICNIC SITE  
RETAINING WALL DETAIL - FRONT ELEVATION

NO SCALE

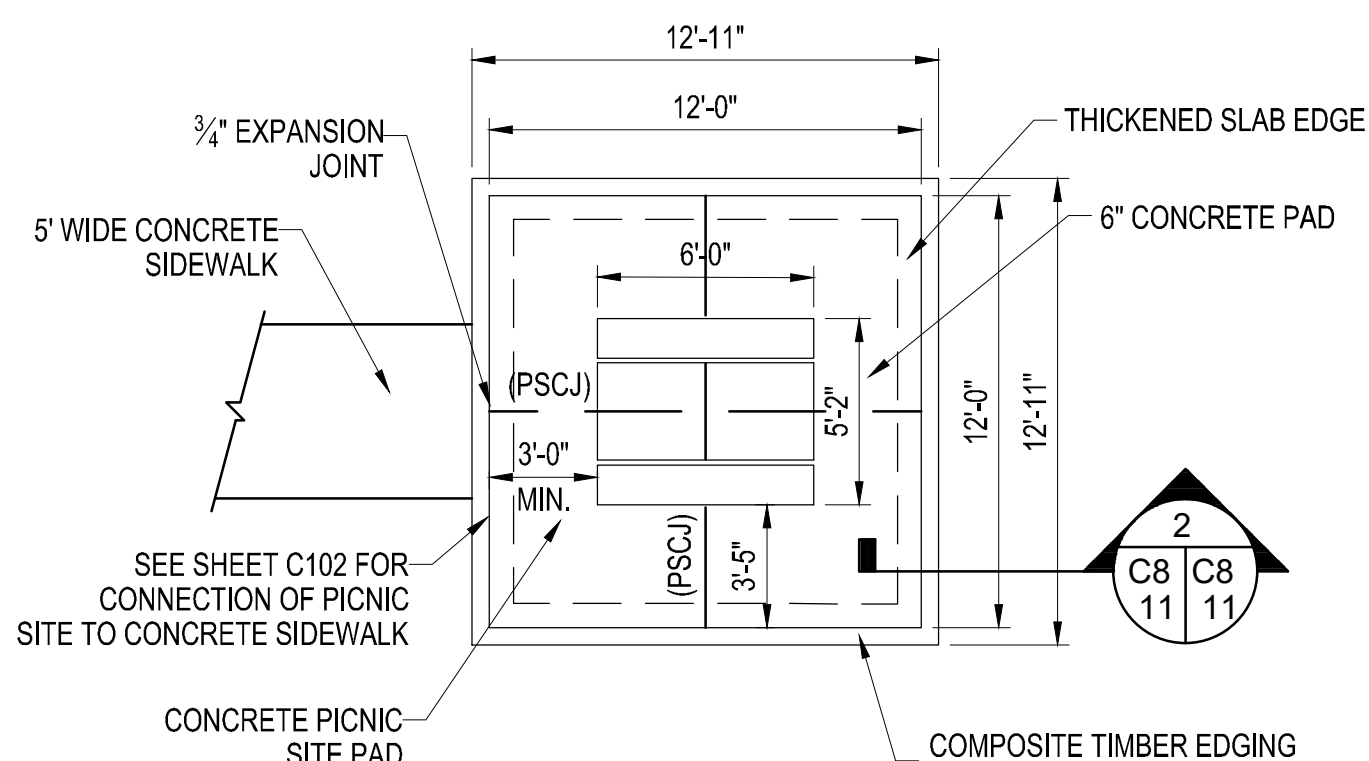


NOTES:

1. ALL TIMBER SHALL BE RECYCLED PLASTIC TIMBER AS MANUFACTURED BY 'AMERICAN COMPOSITE TIMBERS' OR APPROVED EQUAL.
2. PROVIDE RECYCLED PLASTIC TIMBERS COLOR BROWN, ALTERNATE COLOR SELECTIONS TO BE VERIFIED BY OWNER. CARE SHALL BE TAKEN TO PREVENT PLASTIC TIMBER WASTE MATERIAL DUE TO SAWING OR DRILLING HOLES FROM ENTERING THE LAKE.
3. HEIGHT OF WALLS VARIES.

PICNIC SITE  
RETAINING WALL DETAIL - SIDE ELEVATION

NO SCALE

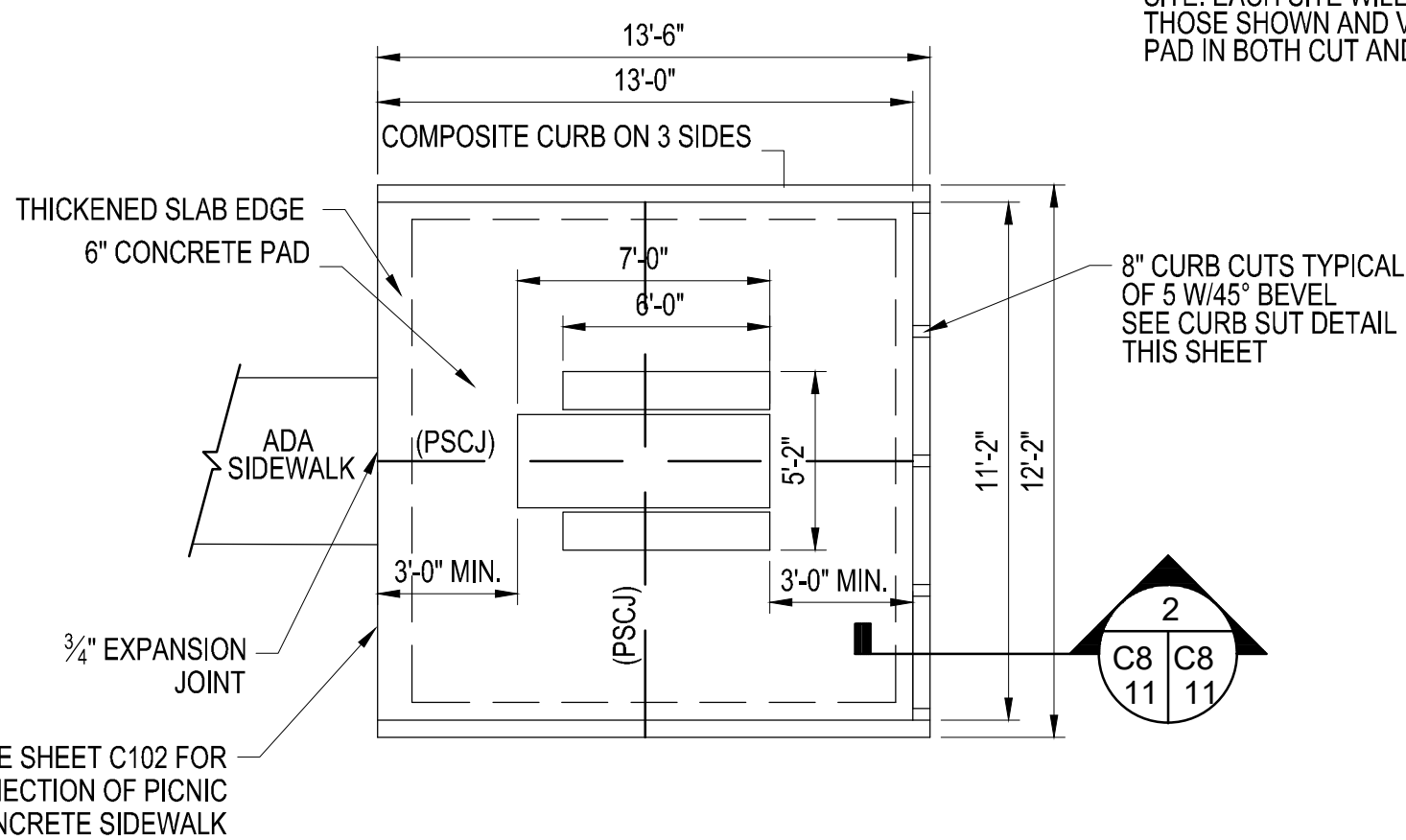


NOTES:

1. PICNIC TABLE ON 6" THICK CONCRETE SLAB WITH THICKENED SLAB EDGE TYP. 4 SIDES. DISTANCE BETWEEN PICNIC TABLE AND EDGE OF SLAB SHALL BE 3'-0" MINIMUM ON ALL SIDES.
2. PROVIDE STANDARD CONCRETE PICNIC TABLE (ITEM T6581) BY DOTY AND SONS CONCRETE PRODUCTS. (WWW.DOTYCONCRETE.COM) OR APPROVED EQUAL.
3. PROVIDE AN ANCHOR KIT TO SECURE THE PICNIC TABLE TO THE CONCRETE SLAB. ANCHOR KIT TO BE INSTALLED ON EACH LEG OF THE PICNIC TABLE. ANCHOR KIT BY DOTY AND SONS CONCRETE PRODUCTS. BOLTS SHALL BE TAMPER RESISTANT.

STANDARD PICNIC SITE DETAIL AND NOTES

NO SCALE

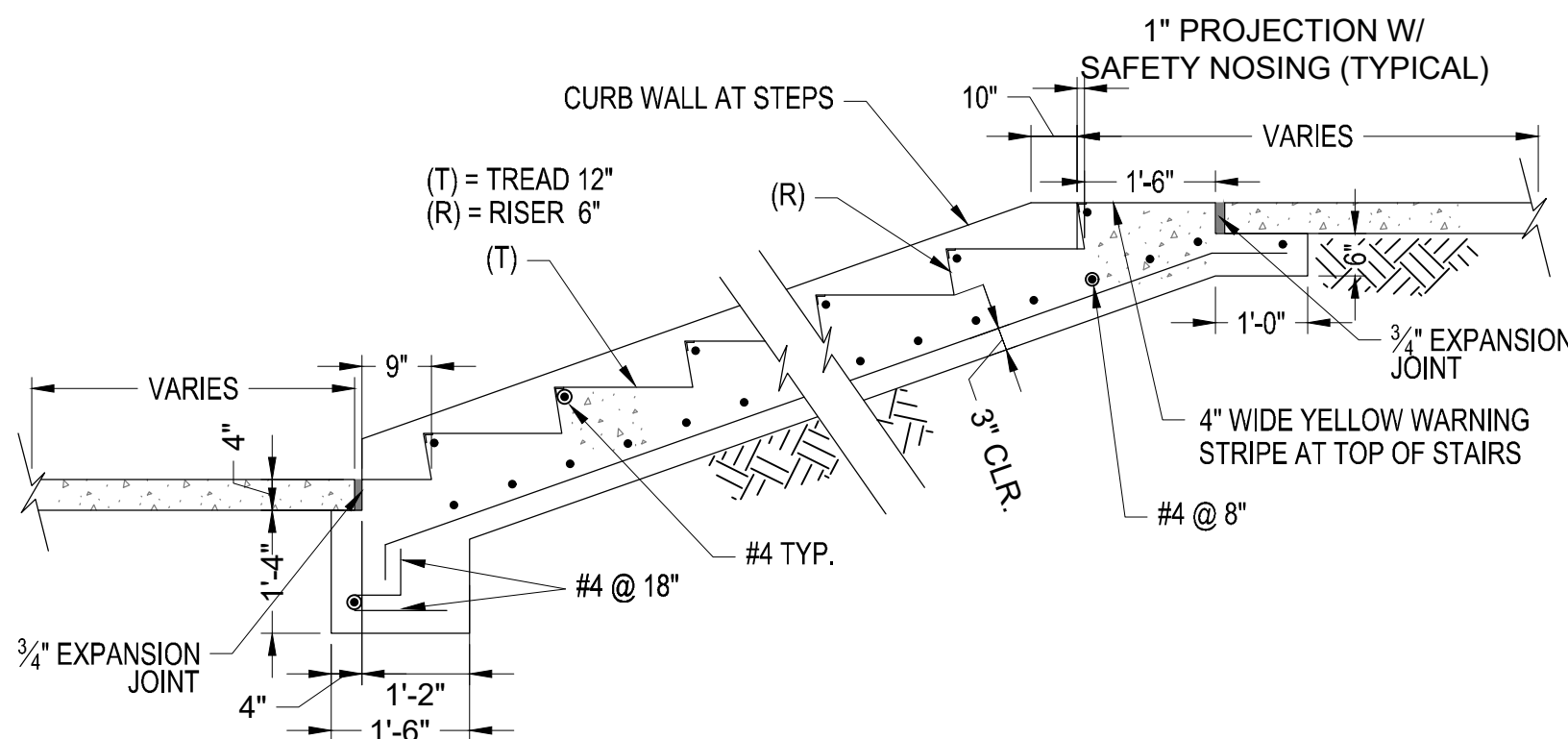


NOTES:

1. PICNIC TABLE ON 6" THICK CONCRETE SLAB WITH THICKENED SLAB EDGE TYP. 4 SIDES.
2. PROVIDE AN ADA ACCESSIBLE PICNIC TABLE (ITEM T6584) BY DOTY AND SONS CONCRETE PRODUCTS. (WWW.DOTYCONCRETE.COM) OR APPROVED EQUAL.
3. PROVIDE AN ANCHOR KIT TO SECURE THE PICNIC TABLE TO THE CONCRETE SLAB. ANCHOR KIT TO BE INSTALLED ON EACH LEG OF THE PICNIC TABLE. ANCHOR KIT BY DOTY AND SONS CONCRETE PRODUCTS. BOLTS SHALL BE TAMPER RESISTANT.
4. CHAMFER ALL EDGES ON ENDS OF TIMBER CURB.

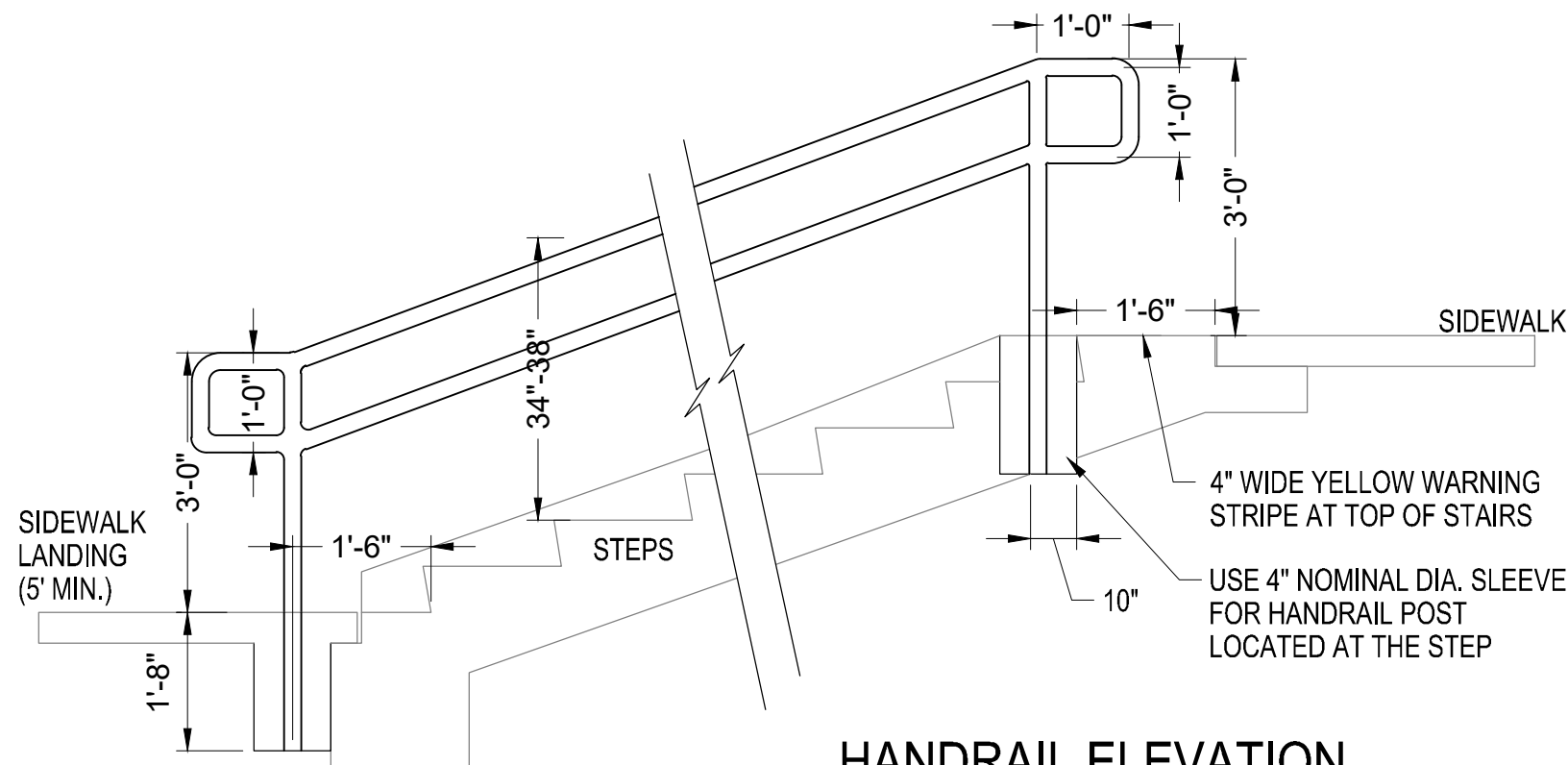
ADA PICNIC SITE DETAIL AND NOTES

NO SCALE



CONCRETE STEPS WITH CURB WALLS

NO SCALE



HANDRAIL ELEVATION

NO SCALE

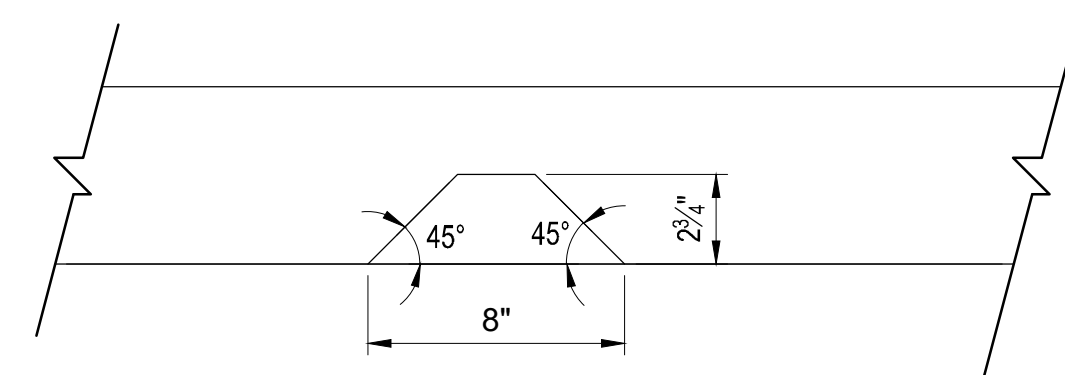
SUPPLEMENTAL STANDARD PICNIC SITE NOTES

1. THE PICNIC SITES WILL BE PLACED IN AREAS OF THE PROJECT WITH DIFFERENT EXISTING TOPOGRAPHIC CONDITIONS. SOME SHALL BE LOCATED ON FLAT AREAS WHILE OTHERS SHALL BE PLACED ON SLOPES.

- A. IN INSTANCES WHERE A STANDARD PICNIC SITE IS LOCATED ON A FLAT SITE THAT REQUIRES NO RETAINING WALLS OR STEPS, THE GRADE ELEVATIONS OF THE TOP OF THE EDGING GRADE AND THE TOP OF THE CONCRETE WILL BE THE SAME.
- B. IN INSTANCES WHERE A PICNIC SITE IS LOCATED ON A SLOPE, RETAINING WALLS MUST BE CONSTRUCTED.

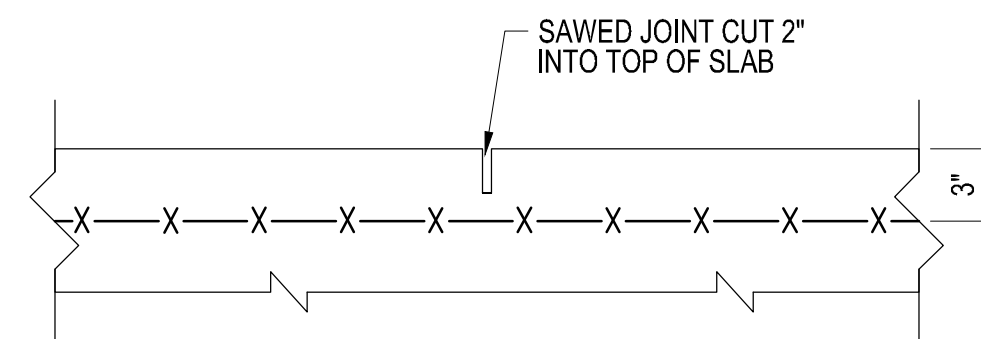
2. RETAINING WALL DETAILS

- A. THE INTENT OF THESE 'RETAINING WALL DETAILS' IS TO ILLUSTRATE STANDARD CONSTRUCTION PRACTICES THAT ARE TO BE OBSERVED ON EACH STANDARD PICNIC SITE. EACH SITE WILL BE DIFFERENT RESULTING IN MORE OR LESS STEPS THAN THOSE SHOWN AND VARYING HEIGHTS FROM EXISTING GRADE TO THE PICNIC SITE PAD IN BOTH CUT AND FILL SITUATIONS.



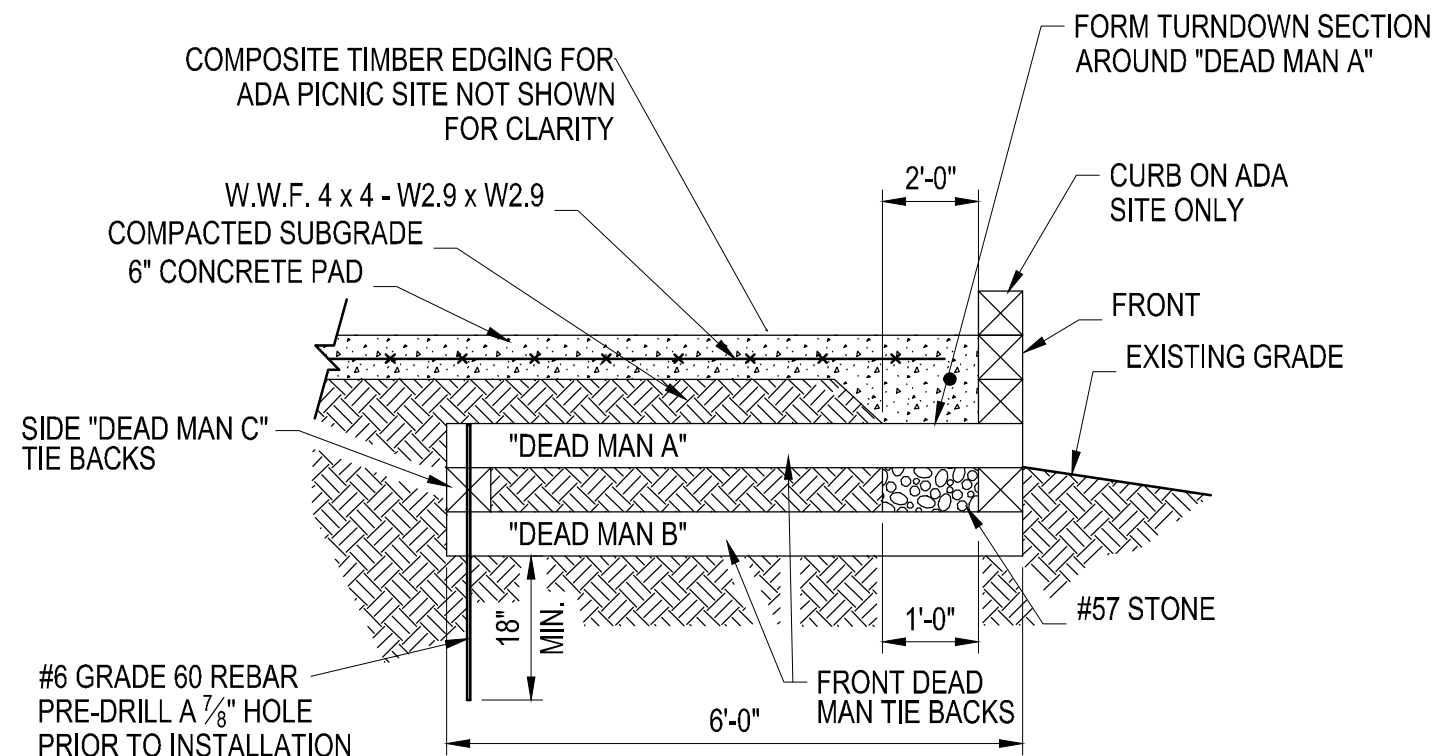
CURB CUT DETAIL

NO SCALE



PICNIC SITE CONTRACTION JOINT DETAIL (PSCJ)

NO SCALE



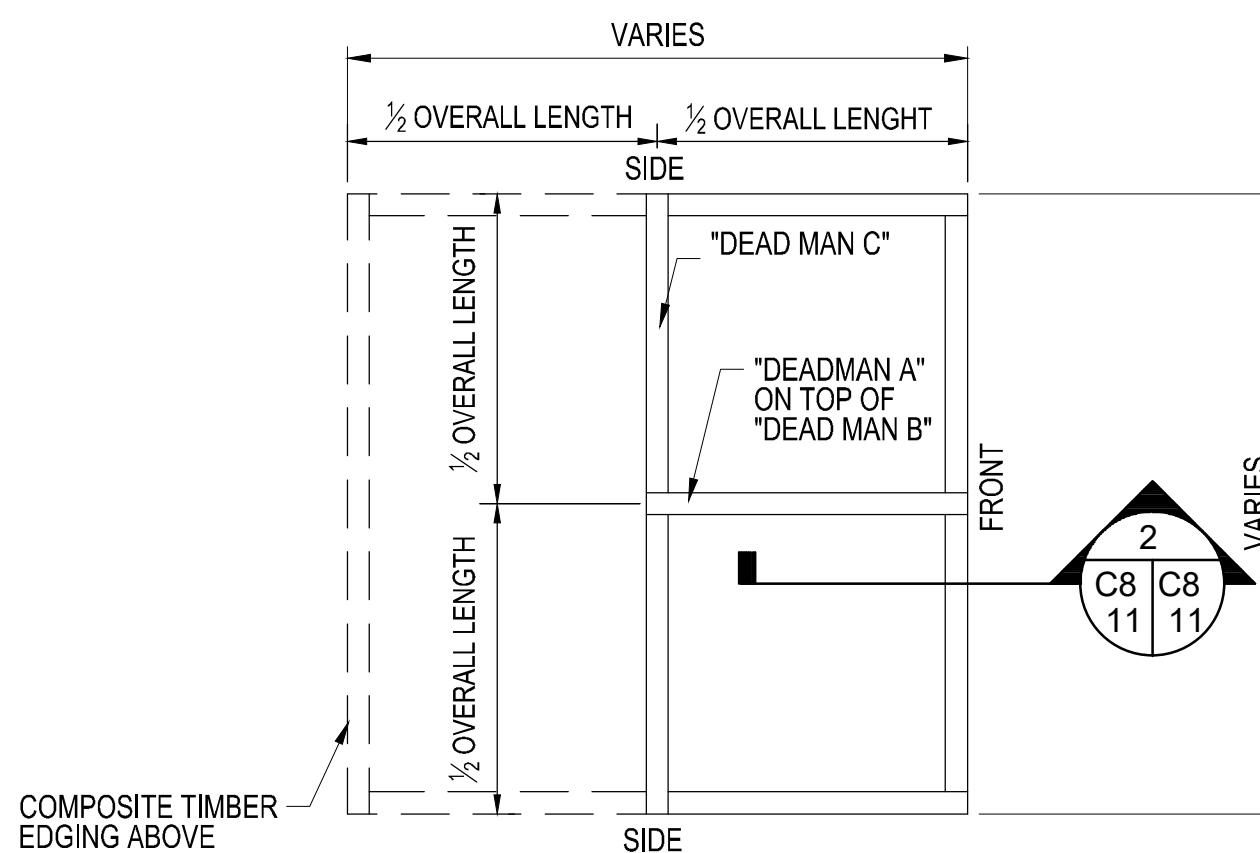
NOTE: INSTALL DEAD MAN TIE BACKS AT EACH PICNIC AREA PAD ON FRONT AND SIDES OF EACH PAD. FOR PICNIC SHELTERS 2 AND 4, OMIT DEAD MAN 'B' AND PLACE DEAD MAN 'C' ABOVE DEAD MAN 'A'

2 C8 C8 11 11

PICNIC SITE DEAD MAN SECTION

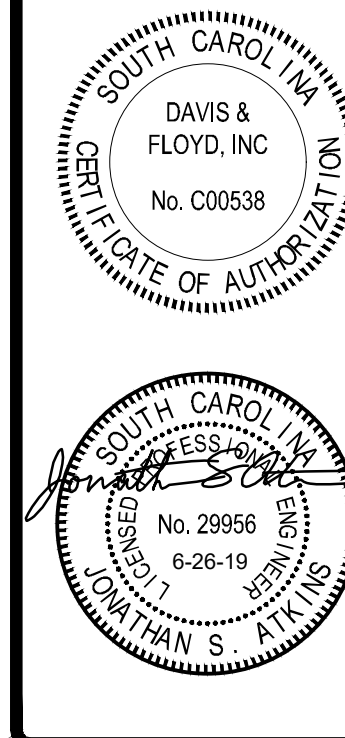
NO SCALE

SECTION A-A



PICNIC SITE DEAD MAN - PLAN

NO SCALE



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OWNER  
**DUKE ENERGY CORPORATION**  
CHARLOTTE, NORTH CAROLINA  
PROJECT TITLE  
**SPRINGS PARK ACCESS AREA**

SITE DETAILS									
DRAWING TITLE									





Know what's below.  
Call before you dig.

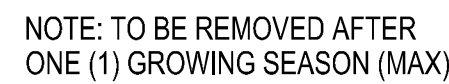




## NT:



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1. EXTENT OF WORK - PROVIDE SOIL ESTABLISHMENT OF FINISH GRADE, PREPARATION, FERTILIZING AND SEEDING, OF ALL NEWLY GRADED FINISHED EARTH SURFACES, UNLESS INDICATED OTHERWISE, AND AT ALL AREAS INSIDE OR OUTSIDE THE LIMITS OF CONSTRUCTION THAT ARE DISTURBED BY THE CONTRACTOR'S OPERATIONS.

2. TURF ESTABLISHMENT PERIOD - THE ESTABLISHMENT PERIOD FOR TURF SHALL BEGIN IMMEDIATELY AFTER INSTALLATION, WITH THE APPROVAL OF THE ENGINEER, AND CONTINUE UNTIL THE DATE THAT THE OWNER ACCEPTS THE PROJECT OR PHASE FOR BENEFICIAL USE AND OCCUPANCY AND A STAND OF GRASS IS ACHIEVED. DURING THE TURF ESTABLISHMENT PERIOD THE CONTRACTOR SHALL:

- A. WATER THE TURF TO MAINTAIN AN ADEQUATE SUPPLY OF MOISTURE WITHIN ROOT ZONE. AN ADEQUATE SUPPLY OF MOISTURE IS THE EQUIVALENT OF 1 INCH OF ABSORBED WATER PER WEEK EITHER THROUGH NATURAL RAINFALL OR AUGMENTED BY PERIODIC WATERING. APPLY WATER AT A MODERATE RATE SO AS NOT TO FLOOD THE TURF.

- B. PROVIDE THE FOLLOWING TURF ESTABLISHMENT:
- B.1. ERADICATE ALL WEEDS, WATER, FERTILIZE, OVERSEED, AND PERFORM ANY OTHER OPERATION NECESSARY TO PROMOTE THE GROWTH OF GRASS.
- B.2. RESEED OR RE-SOD AREAS VOID OF TURF ONE SQUARE FOOT AND LARGER IN AREA.
- B.3. MOW THE NEW LAWN AT LEAST THREE TIMES PRIOR TO THE FINAL INSPECTION BEGIN MOWING WHEN GRASS IS 4 INCHES HIGH. MOW TO A 2 1/2 INCH HEIGHT.

- 1.4. PERMANENT GRASS SEEDING RATES- SEED MIXTURE (FOR AREA INDICATED ON PLAN TO RECEIVE BERMUDA SEED.)

PLANTING SEASON VARIETY	LB/ 1000 S.F
-------------------------	--------------

**SPRING/SUMMER (APRIL 1 - AUG. 31)**  
BROWN TOP MILLET  
HULLED BERMUDA GRASS  
(CELEBRATION)

**FALL/WINTER (SEPT 1. - MAR. 31)**  
ANNUAL RYE GRASS  
HULLED BERMUDA GRASS  
UNHULLED BERMUDA GRASS  
(CELEBRATION)

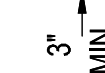
NOTE: SOME ANNUAL GRASS SPECIES ARE INCLUDED IN THIS MIX. THESE ARE TO BE PLANTED AT THE SAME TIME AS THE PERENNIAL GRASS SPECIES TO PROVIDE QUICK COVER AND STABILIZE THE SOIL UNTIL THE PERENNIAL SEEDS GERMINATE AND BECOME ESTABLISHED.

4. WOOD CELLULOSE FIBER MULCH - USE RECOVERED MATERIALS OF EITHER PAPER-BASED (100 PERCENT) OR WOOD-BASED (100 PERCENT) HYDRAULIC MULCH. PROCESSED TO CONTAIN NO GROWTH OR GERMINATION-INHIBITING FACTORS AND DYED AN APPROPRIATE COLOR TO FACILITATE VISUAL METERING OF MATERIALS APPLICATION. COMPOSITION ON AIR-DRY WEIGHT BASIS: 9 TO 15 PERCENT MOISTURE, pH RANGE FROM 3.5 TO 5.0. USE WITH

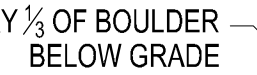
HYDRAULIC APPLICATION OF GRASS SEED AND FERTILIZER. FIRST, MIX WATER AND FIBER. FIBER SHALL BE ADDED AT 1,000 POUNDS, DRY WEIGHT, PER ACRE. THEN ADD FERTILIZER TO PRODUCE A HOMOGENEOUS SLURRY. WHEN HYDRAULICALLY SPRAYED ON THE GROUND, MATERIAL SHALL FORM A BLOTTER LIKE COVER IMPREGNATED UNIFORMLY WITH GRASS SEED. APPLY SEEDED SLURRY EVENLY IN TWO INTERSECTION DIRECTIONS TO ACHIEVE A MINIMUM 60% COVERAGE.

5. SOIL ANALYSIS - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A SOIL ANALYSIS PERFORMED BY THE COUNTY EXTENSION SERVICE OR SOME OTHER APPROVED LABORATORY FOR A SOIL ANALYSIS REPORT. THE CONTRACTOR SHALL THEN PROVIDE THE RECOMMENDATIONS OF THE REPORT TO THE ENGINEER FOR WRITTEN APPROVAL. RECOMMENDATIONS SHALL ENSURE THAT SOIL pH IS WITHIN 6-7 PRIOR TO SEEDING AND SHALL INCLUDE RATES FOR LIME, AND FERTILIZER.







6. SOIL PREPARATION - PRIOR TO MASS GRADING, REMOVE EXISTING TOPSOIL TO A MINIMUM DEPTH OF 6" AND STOCKPILE. IF AREAS TO BE GRADED ARE COVERED WITH GRAVEL, COMPLETELY REMOVE GRAVEL AND DISPOSE OF OFF-SITE IN A MANNER THAT COMPLIES WITH ALL LOCAL, STATE, AND FEDERAL LAWS. AFTER AREAS HAVE BEEN BROUGHT TO FINISH SUBGRADE ELEVATION, THOROUGHLY TILL TO MINIMUM DEPTH OF 6 INCHES BY SCARIFYING, DISKING OR HARROWING. REMOVE DEBRIS AND STONES LARGER THAN ONE INCH IN ANY DIMENSION REMAINING ON SURFACE AFTER TILLAGE. SPREAD STOCKPILED OR HAULED IN TOPSOIL EVENLY TO A MIN. DEPTH OF 6" TO PROVIDE POSITIVE DRAINAGE. DO NOT SPREAD TOPSOIL WHEN FROZEN OR EXCESSIVELY WET OR DRY. CORRECT IRREGULARITIES IN FINISHED SURFACES TO ELIMINATE DEPRESSIONS. PROTECT FINISHED PREPARED SOIL AREAS FROM DAMAGE BY VEHICULAR OR PEDESTRIAN TRAFFIC.



## NTE



## N

SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	CONT.	SPACING
	CALA	13	Callicarpa americana / American Beautyberry	3 gal	24"-36"	As Shown
	LORR	17	Loropetalum chinense 'Ruby' / Ruby Loropetalum	3 gal	—	As Shown
	MORC	8	Morella cerifera / Wax Myrtle	7 gal	24"-36"	As Shown
	MUHC	68	Muhlenbergia capillaris / Pink Muhly	1 gal	—	As Shown
	PANV	15	Panicum virgatum 'Shenandoah' / Switch Grass	3 gal	—	As Shown
	RUDH	24	Rudbeckia hirta / Black-eyed Susan	1 gal	—	As Shown

#### ABBREVIATION NOTE

WHERE AN ABBREVIATION IS SHOWN, THE FOLLOWING NOTES APPLY

QTY - 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.

CONT - CONTAINER TYPE WHICH PLANT MATERIAL IS ENCASED UPON SITE DELIVERY. (HEIGHT AND CALIPER SHALL TAKE PRECEDENCE OVER CONTAINER.)

CAL - CALIPER/DIAMETER OF TRUNK. (CALIPER SHALL TAKE PRECEDENCE OVER HEIGHT AND SPREAD.)

SIZE - HEIGHT AND/OR WIDTH OF PLANT MATERIAL AT INSTALLATION

SPACING - DISTANCE FROM CENTER OF EACH PLANT. (PLAN SHALL TAKE PRECEDENCE OVER SCHEDULE.)

REMARKS - SPECIFIC NOTES FURTHER SPECIFYING OR DESCRIBING PLANT MATERIAL.

QUANTITIES NOTES:

PLANT MATERIAL LIST, ROCK SCHEDULE, AND MULCH SCHEDULE 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.

NOTES:

1. IF ADD ALTERNATE IS SELECTED REDUCE SEED SQUARE FOOTAGE BY SOD SQUARE FOOTAGE AMOUNT
2. QUANTITIES PROVIDED DO NOT ACCOUNT FOR WASTE.
3. CONTRACTOR SHALL VERIFY ALL QUANTITIES AND INSTALL ACCORDING TO PLAN.

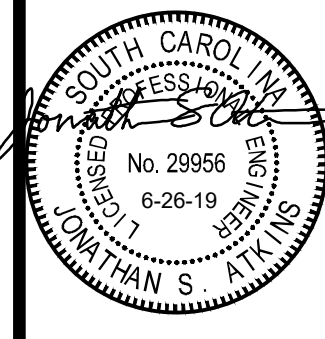
### GENERAL PLANTING NOTES

- SEE SPECIFICATIONS

1. PLANTER PIT BACKFILL MIX FOR ALL TREES AND SHRUBS SHALL BE:
  - 1 PART TOPSOIL
  - 1 PART SOIL FROM HOLE
  - SEE DETAIL SHEET
2. PLANTING BED PREPARATION
  - 2.1. AFTER MASS GRADING USE TOPSOIL FOR USE IN PLANTING BEDS FROM STOCKPILE TOP SOIL FROM SITE, FREE OF WEEDS AND DEBRIS. CONTRACTOR SHALL APPLY 'ROUND-UP' TO INSURE THAT TOPSOIL IS FREE OF ALL NOXIOUS WEEDS.
  - 2.2. MULCH WITH DOUBLE SHREDDED HARDWOOD MULCH 3" THICK MIN. SUBMIT SAMPLE TO OWNER FOR APPROVAL.
  - 2.3. FINAL GRADES FOR GRASSED AND LANDSCAPED AREAS SHALL REQUIRE A MINIMUM OF 4" OF CLEAN TOP SOIL, FREE OF DEBRIS, CONTAMINANTS AND PREFERABLY OF NATIVE ORIGIN. TOPSOIL FROM SITE SHALL BE USED FOR SOD AND SEED AREAS.
5. SOIL AMENDMENTS, VITAMINS AND HORMONES:
  - 5.1. APPLY 'BRUNNING' GYPSUM CLAY BREAKER OR EQUAL TO ALL PROPOSED TREE, SHRUB AND GROUND COVER PLANTING HOLES PER MANUFACTURERS' RECOMMENDATIONS.
  - 5.2. APPLY 'SUPERTHRIVE' VITAMINS AND HORMONES TO ALL TREES, SHRUBS AND GROUND COVERS PER MANUFACTURERS' RECOMMENDATIONS. [www.superthrive.com](http://www.superthrive.com) (800) 441-VITA AND NO SUBSTITUTIONS
6. CONTRACTOR SHALL PROVIDE ALL MATERIAL AND LABOR TO PERFORM THE SCOPE OF WORK DESCRIBED IN THE NOTES, DETAILS, AND PLANS UNLESS OTHERWISE INDICATED.
7. THE CONTRACTOR IS TO PROTECT ALL EXISTING STRUCTURES AND TREES INCLUDING BUT NOT LIMITED TO BUILDINGS, CONCRETE CURB, CONCRETE WALKS, RETAINING WALLS AND TREES UNDER GROUND UTILITIES WHICH ARE CLEARLY MARKED. THE CONTRACTOR IS RESPONSIBLE FOR HAVING UTILITIES MARKED BY PALMETTO UTILITY LOCATING SERVICE (1-800-922-0083) SUPPLY THEM WITH THE FOLLOWING INFORMATION - ADDRESS (INSIDE CITY LIMITS), OWNERS' NAME, COMPLETION DATE, CONTRACTORS' NAME, CONTACT PERSON, CONTACT PERSON TELEPHONE NUMBER.

NOTE:

CONTRACTOR TO PROVIDE PROTOTYPICAL PLANTING OF AT LEAST 1 TREE, 1 SHRUB AND 1 GROUND COVER FOR REVIEW AND ACCEPTANCE BY LANDSCAPE ARCHITECT PRIOR TO MASS PLANTING.



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DUKE ENERGY CORPORATION

CHARLOTTE, NORTH CAROLINA

SPRINGS PARK ACCESS AREA

## LANDSCAPE DETAILS

L200

## Agenda Item Summary

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Ordinance # / Resolution #: N/A

Contact Person / Sponsor: Steve Willis/Administration and Hal Hiott/Recreation Department

Department: Administration

Date Requested to be on Agenda: 9/10/2019

### **Issue for Consideration:**

Additional costs for amenities at Springs Park Boat Landing.

### **Points to Consider:**

Between trail maintenance and boat landing maintenance this person will be pretty much full time. During slow periods in the winter months they would assist with other Parks & Recreation maintenance duties.

### **Funding and Liability Factors:**

Recurring costs:

One (1) full time employee: base salary of \$27,940/ Health - \$12,300 (may be less but we have to assume full family coverage when we don't know)/ Dental - \$162/ FICA - \$2,137/ Worker's Comp - \$1,143/ Retirement - \$4,348/ Sub-Total -\$48,030

Also pumping out restroom vaults - \$8,000/ hand tools - \$300/ trash can liners - \$500/ Weed killer, ant killer, and similar supplies - \$1,200/ Bathroom cleaning supplies - \$1,000/ Fuel for truck - \$1,400/ Sub-Total - \$12,400

Recurring Total - \$60,430 (note health coverage makes a big difference)

Non-recurring expenses - pick up truck (work body with accessories to protect supplies) - \$33,000/ heavy duty weed eater and blower - \$700/ Total - \$33,700

### **Options:**

If we proceed with the project we will have to budget for maintenance costs.

### **Recommendation:**

Include a budget for maintenance if we proceed.



## Agenda Item Summary

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Ordinance # / Resolution #: N/A

Contact Person / Sponsor: Kimberly Belk/Finance

Department: Finance

Date Requested to be on Agenda: 9/10/2019

**Issue for Consideration:**

An overview of Lancaster County finances will be provided for the previous month. This item is for information only for the Committee.

**Points to Consider:**

The report for August will be handed out at the Committee meeting.

**Funding and Liability Factors:**

N/A

**Options:**

N/A

**Recommendation:**

N/A