Council Members

District 4: Larry Honeycutt, Chair

District 1: Terry Graham
District 3: Billy Mosteller



County Attorney
John K. DuBose III

Clerk to Council Sherrie Simpson

September 10, 2019

3:00 PM

101 North Main Street Lancaster, SC 29720

LANCASTER COUNTY

Infrastructure and Regulation Committee Administration Office Conference Room, County Administration Building, 101 North Main Street, Lancaster, SC 29720

AGENDA

- 1. <u>Call to Order Committee Chair Larry Honeycutt</u>
- 2. Approval of the Agenda

[deletions and additions of non-substantive matters]

- 3. <u>Citizens Comments</u>
- 4. Approval of Minutes
 - **a.** Approval of Minutes from the August 13, 2019 Infrastructure And Regulation (I & R) Committee Regular Meeting

5. <u>Discussion/Action Items</u>

- a. Discussion of Aviation Boulevard Steve Willis
- **b.** Proposal for Enhancements at Springs Park Boat Landing Steve Willis/Hal Hiott
- c. Additional Costs for Springs Park Boat Landing Steve Willis/Hal Hiott
- **d.** Discussion of laws pertaining to litter in Lancaster County John DuBose/Jeff Mullis
- e. Discussion of Citizens Walking in the Recreation Department Gyms Larry Honeycutt/Hal Hiott
- f. Discussion of RFATS Collector Road Study and Next Steps Rox Burhans

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 Infrastructure and Regulation Committee agendas are posted at the Lancaster County Administration Building and are available on the Website:

www.mylancastersc.org

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 Infrastructure and Regulation (I & R) Committee regular meeting.

Points to Consider:

The minutes from the August 13, 2019 I & R 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 I & R Committee Regular Meeting 9/6/2019 Backup Material

Council Members

District 4: Larry Honeycutt, Chair

District 1: Terry Graham District 3: Billy Mosteller



County Attorney
John K. DuBose III

Clerk to Council Sherrie Simpson

August 13, 2019

12:00 PM

101 North Main Street Lancaster, SC 29720

LANCASTER COUNTY

Infrastructure and Regulation Committee

Administration Office Conference Room, County Administration Building, 101 North Main

Street, Lancaster, SC 29720

MINUTES

Committee Members present at the meeting were Larry Honeycutt, Terry Graham and Billy Mosteller. Also present at the meeting were Council Member Allen Blackmon, County Administrator Steve Willis, County Attorney John DuBose, Clerk to Council Sherrie Simpson, Librarian Rita Vogel, Stormwater Director Scott Edgar, Recreation Director Hal Hiott (who entered the meeting late at 12:57 p.m.), 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 Infrastructure and Regulation (I & R) 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 Larry Honeycutt

Larry Honeycutt called the regular meeting of the Infrastructure and Regulation (I & R) Committee to order at approximately 12:10 p.m.

Approval of the Agenda

Billy Mosteller moved to approve the agenda as written. The motion was seconded by Terry Graham. The Committee approved the agenda as written by unanimous vote of 3-0.

Citizens Comments

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

Approval of Minutes

Terry Graham moved to approve the minutes from the July 9, 2019 Infrastructure and Regulation (I & R) Committee regular meeting. The motion was seconded by Billy Mosteller. The Committee approved the minutes from the July 9, 2019 Infrastructure and Regulation (I & R) 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 and his team provided a power point presentation that is attached as Schedule A to the written minutes in the Clerk to Council's office. The team consisted of: Nick Dodd and Joe Niggel from Piper Jaffray, Joe Lucas from Pope Flynn and Alston DeVenny from Folks and DeVenny, LLC. Sean Cooney reviewed the proposed improvements to Harrisburg Road, regional water and sewer improvements, regional public greenway improvements and the costs for the improvements. John Myers, Project Manager, reviewed the Harrisburg Road upgrades. 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") and the Residential Improvement District Act ("RID Act"). Larry Honeycutt asked how the State feels about the road improvements and John Myers, Project Manager, explained the Department of Transportation has given a lot of feedback on the project. Terry Graham asked how the team has dealt with Regent Parkway and John Myers stated that they have had no response from the owner. Joe Lucas explained the bond issuance process. He also explained that the there is no liability for the County and that the assessment bonds do not count towards the County's debt limit.

Frannie Heizer with Burr, Forman and McNair law firm explained that the assessment bonds do not have an impact on the County's debt. She provided and reviewed 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. She reviewed the history of assessment bond developments in Lancaster County and she explained the process of what happens if a development with assessment bonds fails.

Terry Graham moved to send the Sugar Creek Improvement District Assessment Revenue Bond presentation forward to full Council with no recommendation from the I & R Committee. The motion was seconded by Billy Mosteller. The Committee moved the presentation forward to full Council without a recommendation from the I & R Committee by unanimous vote of 3-0.

b. Draft Ordinance that Establishes An Animal Shelter Advisory Board Ordinance Title: An Ordinance to Establish An Animal Shelter Advisory Board And To Set Forth The Duties And Responsibilities Of Those Persons And Organizations Associated Herewith. -Steve Willis

Steve Willis reviewed the Ordinance with the Committee. Billy Mosteller moved to send the Ordinance establishing an Animal Shelter Advisory Board forward to full Council with a favorable recommendation from the I & R Committee. The motion was seconded by Terry Graham. The motion to move the Ordinance forward to full Council with a favorable recommendation from the I & R Committee passed by unanimous vote of 3-0.

c. Review of Revised Draft Solid Waste Plan - Steve Willis

Steve Willis explained that the changes/edits have been made to the final draft of the Solid Waste Plan. Billy Mosteller moved to send the final draft of the Solid Waste Plan forward to full Council with a positive recommendation from the I & R Committee. The motion was seconded by Terry Graham. The Committee moved the Solid Waste Plan forward to full Council with a positive recommendation by unanimous vote of 3-0.

d. PARD Grant Funding - Hal Hiott

Hal Hiott explained that the State had fifty-five thousand dollars (\$55,000.00) available in grant funding for Lancaster County, but that thirty-six thousand dollars (\$36,000.00) had already been awarded to the town of

Kershaw. He explained that that left nineteen thousand dollars (\$19,000.00) for which Lancaster County could apply and he noted that the Lancaster County Recreation Department has turned in their application for the remaining grant money. He explained that the PARD grant funding will require a local match. He further explained that the grant money will be used for new fencing at the Springdale Recreation Center and to add shade structures at the complex.

Terry Graham moved to send the approval of the PARD grant funding forward to full Council with a positive recommendation from the I & R Committee. The motion was seconded by Billy Mosteller. The motion to move the approval of the PARD grant funding forward to full Council with a positive recommendation passed by unanimous vote of 3-0.

Adjournment

Terry Graham moved to adjourn the Infrastructure and Regulation (I & R) Committee regular meeting. The motion was seconded by Billy Mosteller. The motion to adjourn passed by unanimous vote of 3-0. There being no further business, the I & R Committee meeting adjourned at approximately 1:17 p.m.

Ordinance # / Resolution #: N/A

Contact Person / Sponsor: Steve Willis/Administration

Department: Administration

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

Issue for Consideration:

Continued discussion of removing Aviation Boulevard from the State Secondary Road system and including it in the County Road system.

Points to Consider:

At a previous I&R meeting the idea of removing Aviation Boulevard from the State Secondary Road system and adding it to the County Road system was discussed. This was in conjunction with proposed improvements to the median.

After further review staff respectfully recommends this idea be rejected. If Council desires to enhance and improve the median we can do so by way of an encroachment permit with SCDOT.

Aviation Boulevard has two bridges over a creek that feeds into the Catawba River. There is one bridge for northbound traffic and another for southbound traffic. Both of these bridges are fairly old.

SCDOT recently announced plans to replace a similar bridge over Hanging Rock Creek at a total estimated cost of \$1,400,000.

When it comes time to replace these bridges the cost to Lancaster County, if these became county owned and maintained bridges, would likely exceed three million dollars.

Funding and Liability Factors:

We would assume all financial responsibility and liability for the roadway, including the bridges, if we adopted this roadway into the County Road system.

Options:

Proceed with bringing the idea of adopting Aviation Boulevard into the County Road system to County Council or leave it in the State Secondary Road system.

Recommendation:

Leave Aviation Boulevard in the State Secondary Road system. If median enhancement funding is included in the FY 20-21 budget we would obtain the necessary encroachment permits to perform the work with contractors.

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 is 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



Duke Energy Carolinas, LLC EC12Q / 526 South Church Street Charlotte, NC 28202-1802

> o: 704.382.6920 c: 704.681.2703 f: 704.382.4671

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 31th, 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*

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 Lidsey

Ryan Lindsey, Public Safety Recreation Strategy Planning

^{*}As shown on highlighted plan provided

SPRINGS PARK ACCESS AREA

FISHING CREEK RESERVOIR - LANCASTER COUNTY, SOUTH CAROLINA

GREAT FALLS HWY

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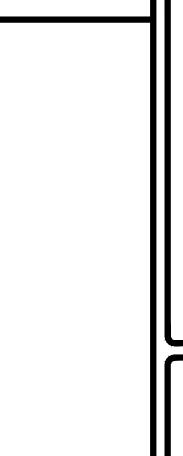
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1184 SPRINGS PARK RD

CEDAR
CREEK RD

VICINITY MAP

DUKE ENERGY CORPORATION CHARLOTTE, NORTH CAROLINA



SINCE 1954

WWW.DAVISFLOYD.COM

1319 HIGHWAY 72/221 EAST

GREENWOOD, SOUTH CAROLINA 29649

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

COVER SHEET

 DATE
 PRELEASED
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 4-17-19

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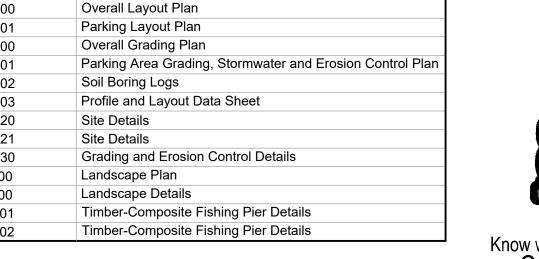
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PROJECT SUMMARY UPGRADES TO SPRINGS PARK ACCESS AREA INCLUDE: THE INSTALLATION OF AN ASPHALT PAVED PARKING LOT THE INSTALLATION OF A FISHING PIER BANK STABILIZATION NORMAL SPACES: ADA SPACES: THE CONSTRUCTION OF THIS PROJECT IS ESTIMATED TO BE FROM AUGUST -CANOE / KAYAK NON-PROJECT PARKING AND SIDEWALK **EXISTING BOAT LAUNCH** 5' NATURAL PATH KIOSK BY OTHER CONCRETE TRASH CAN PAD ASPHALT PAVED ROAD SPEED LIMIT SIGN DO NOT ENTER SIGN SPEED LIMIT SIGN

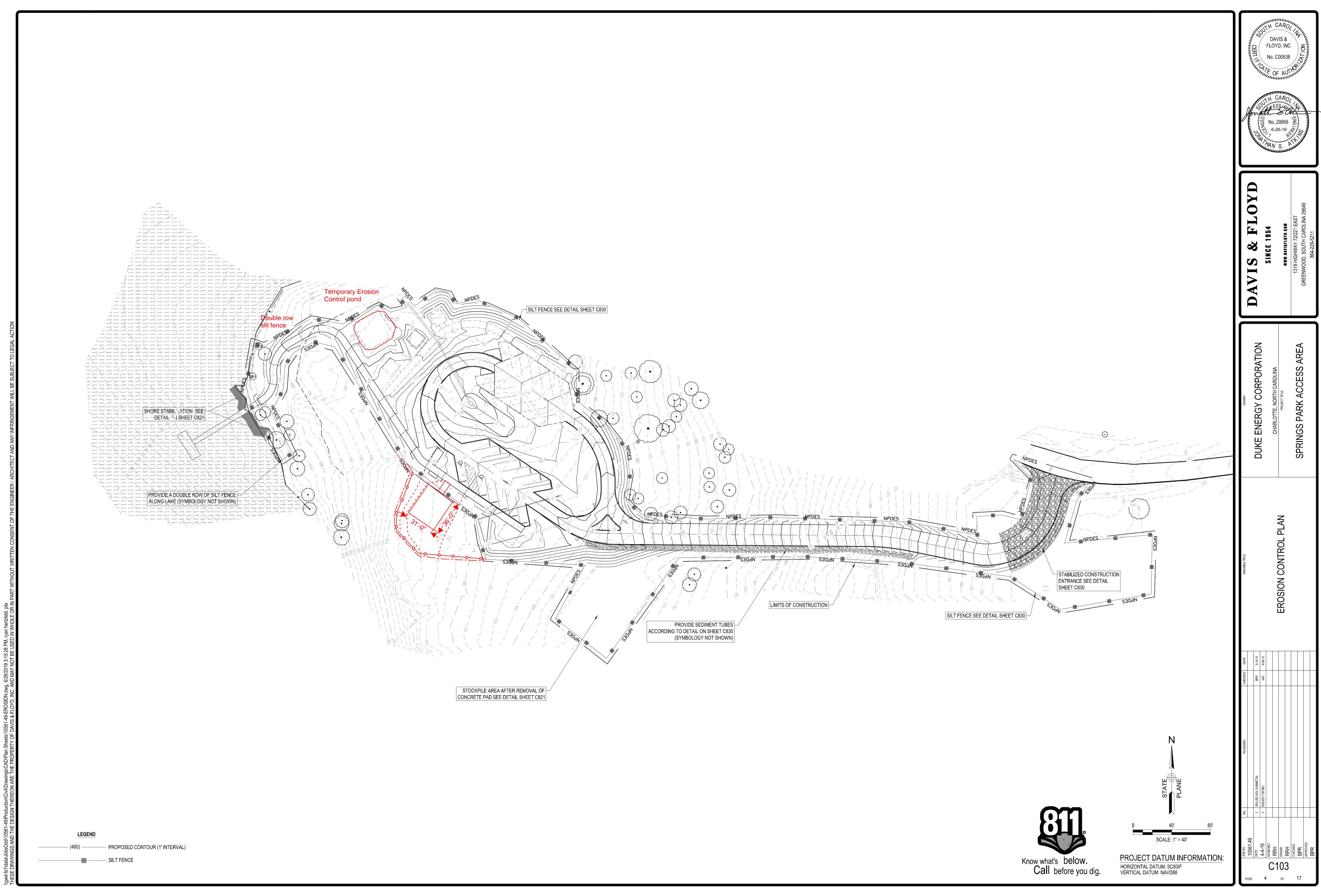
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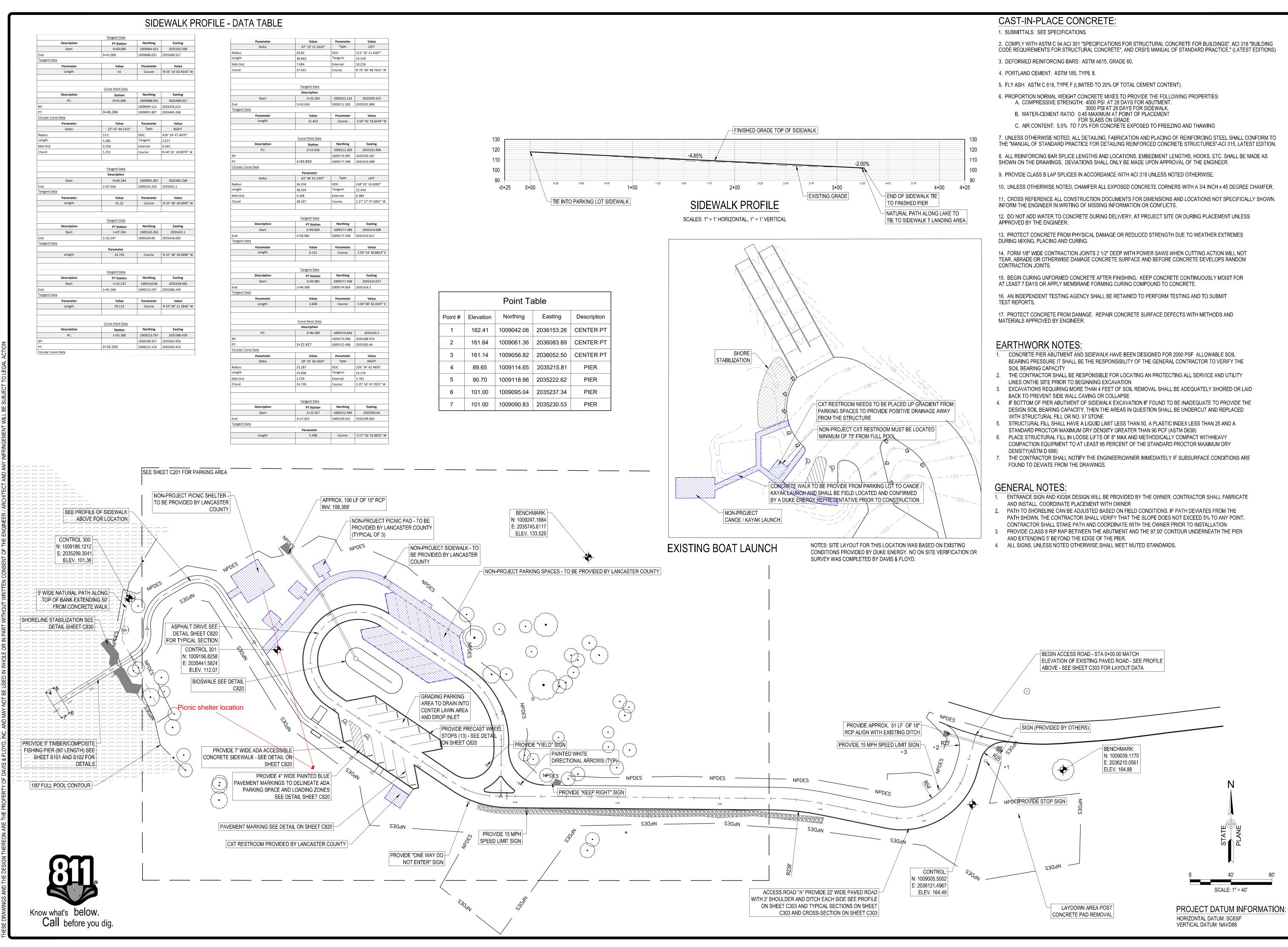


Sheet List Table

Sheet Number | Sheet Title

Cover Sheet
Existing Conditions
Demolition Plan
Erosion Control Plan





DAVIS & FLOYD, INC

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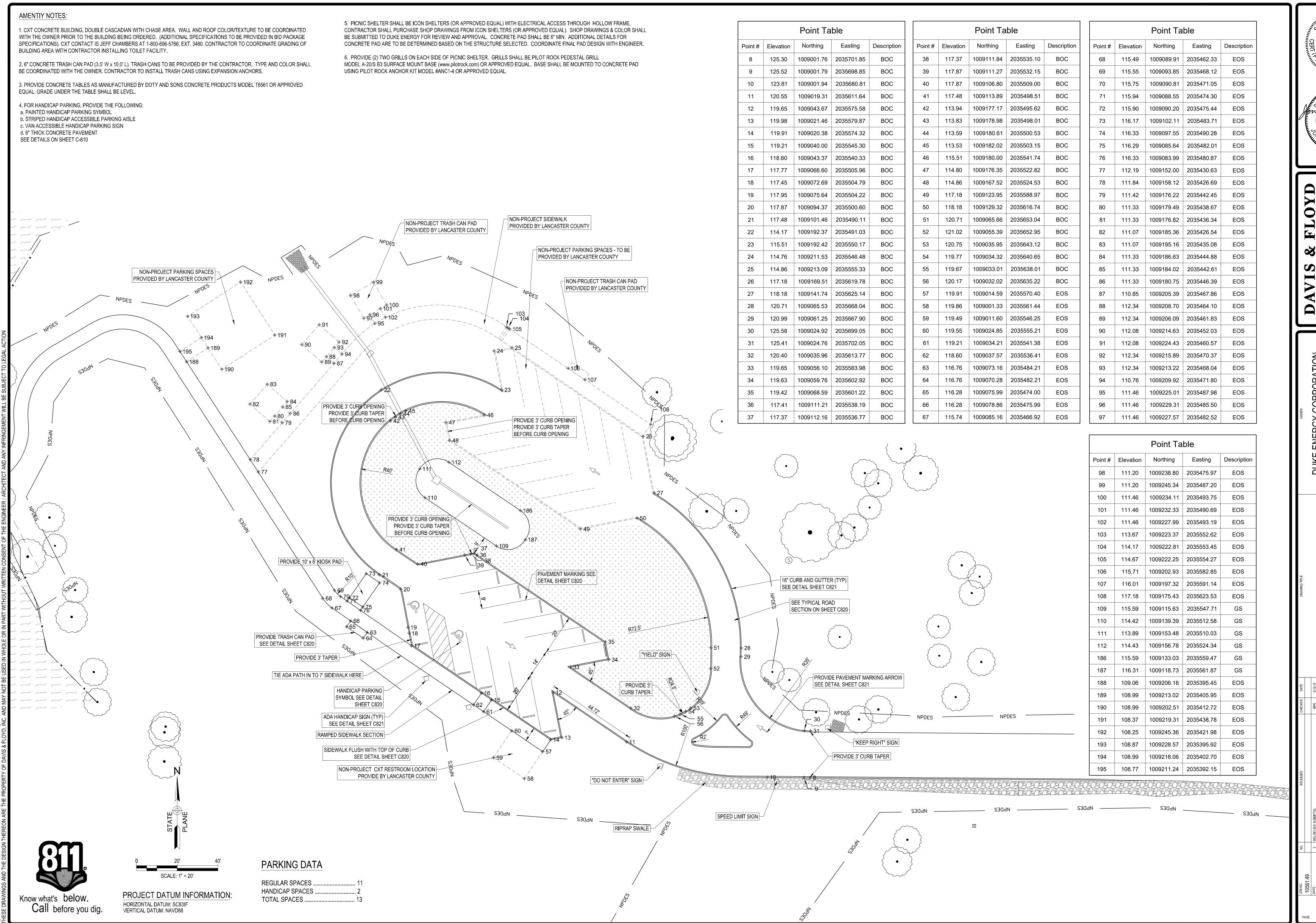
OVERALL LAYOUT PL

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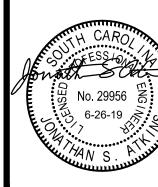
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WWW.DAVISFLOYD.COM

CHARLOTTE, NORTH CAROLINA

SPRINGS PARK ACCESS AREA

PARKING LAYOUT PLAN

JAS 6-76-1

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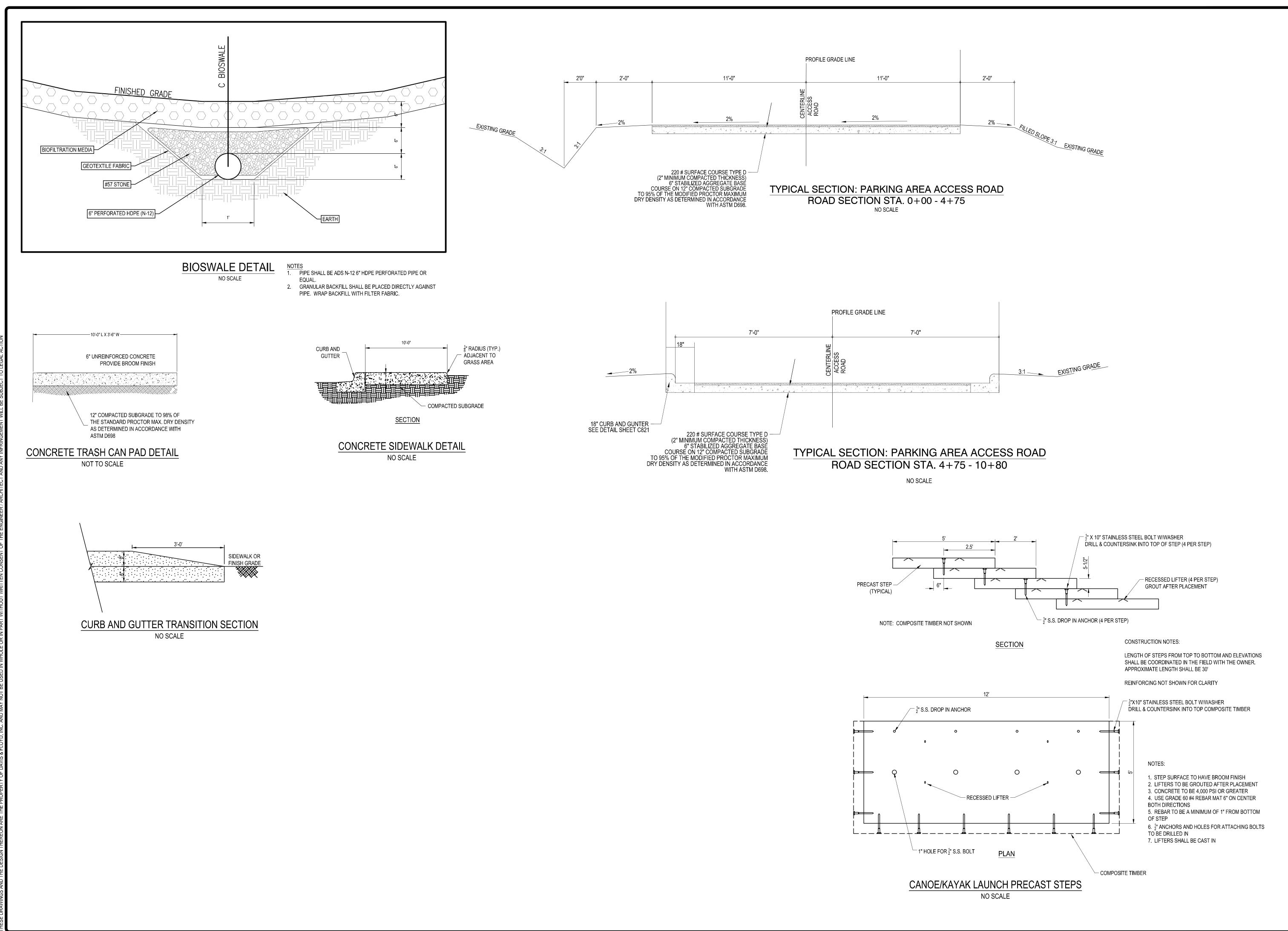
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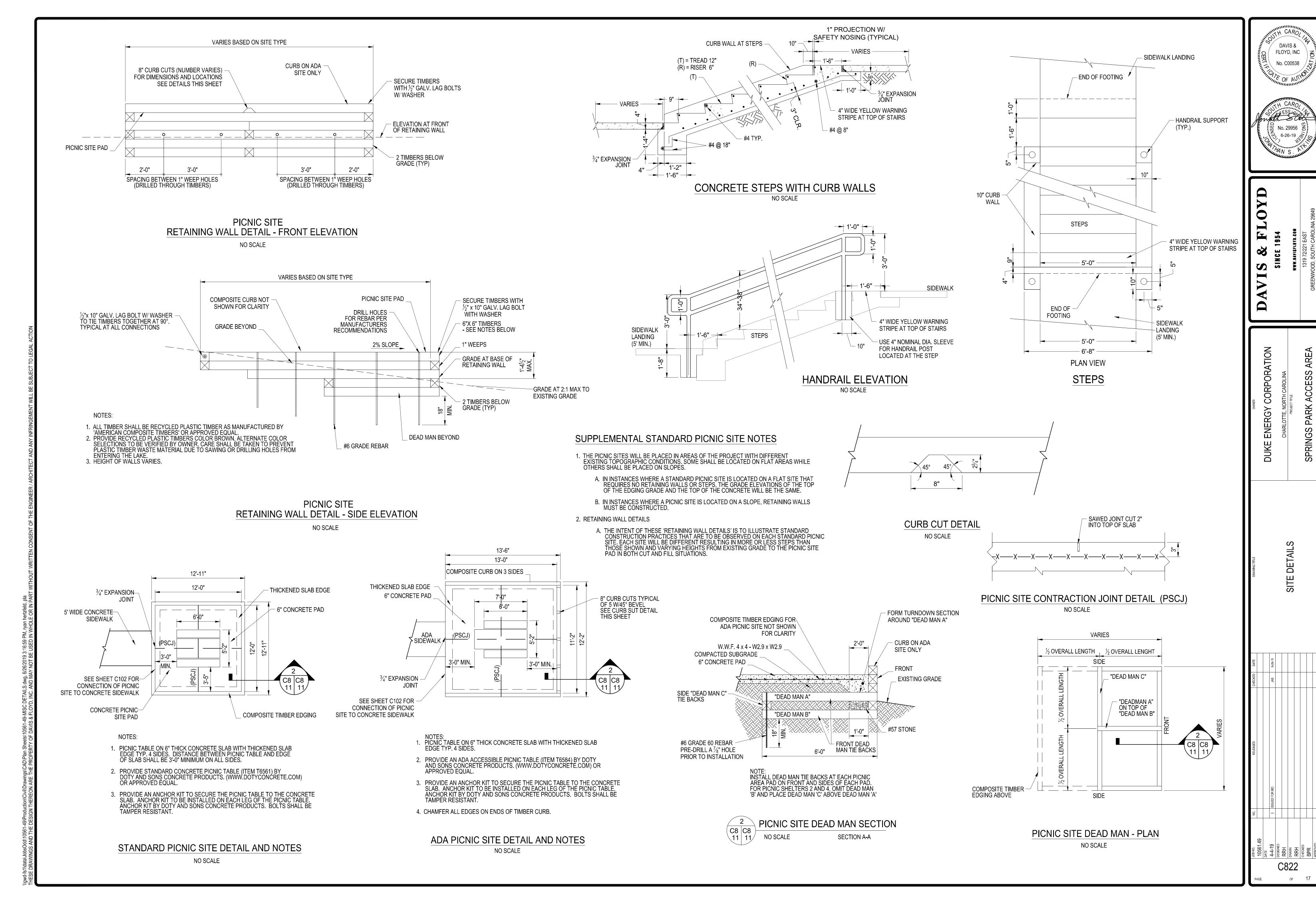
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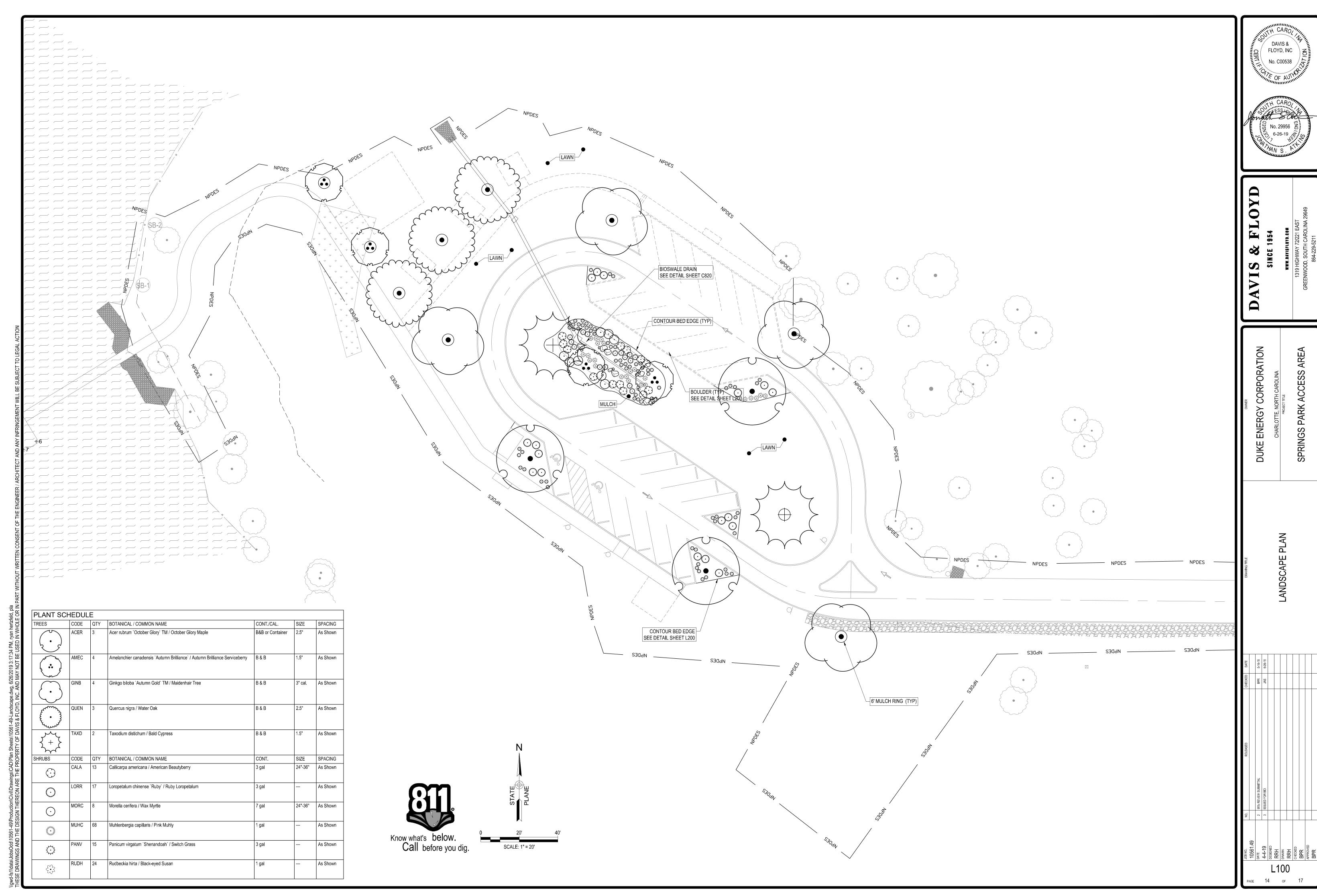
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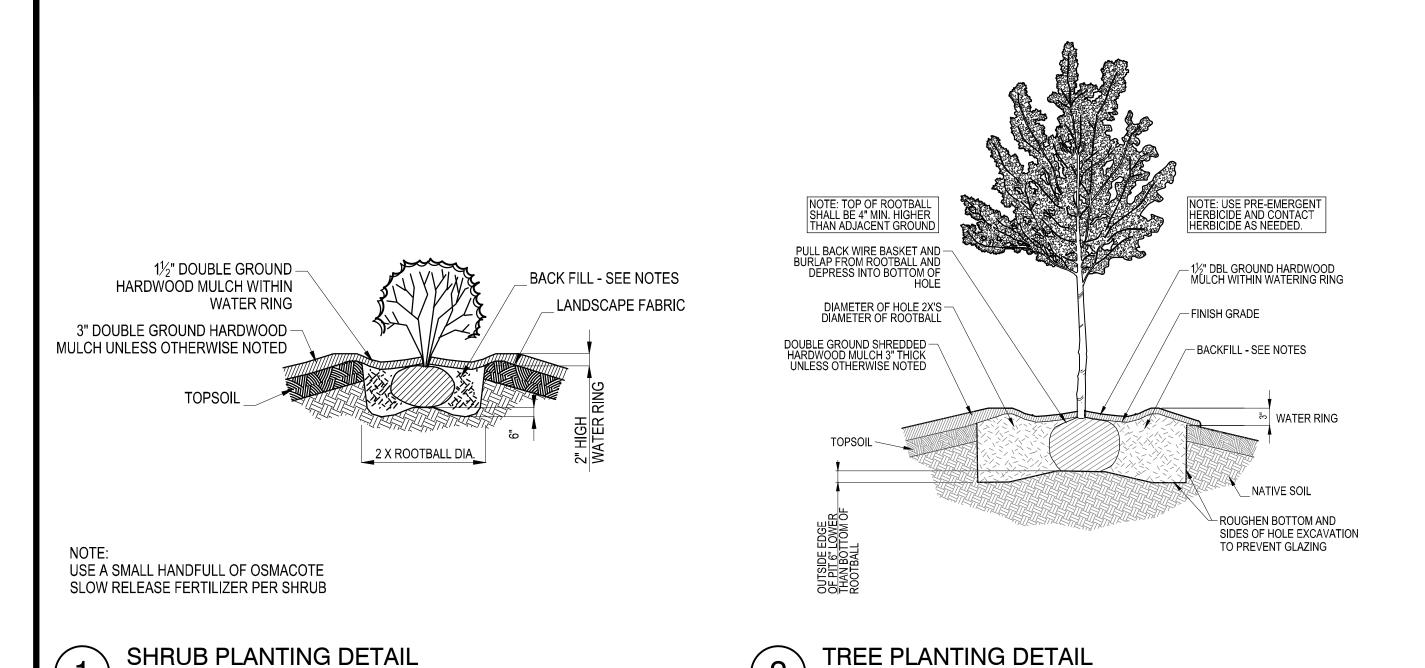
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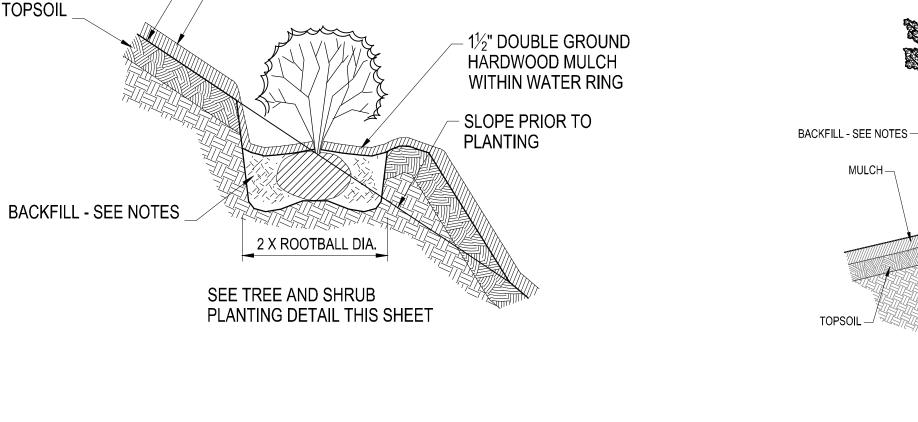




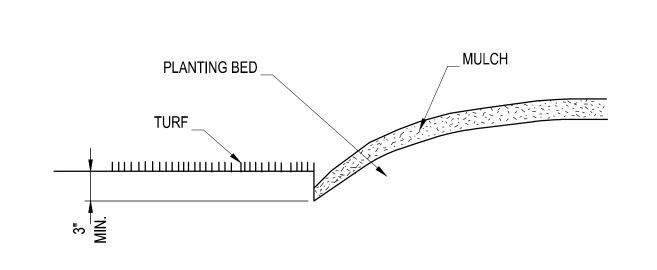


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FOR 21/2" CAL. AND LARGER





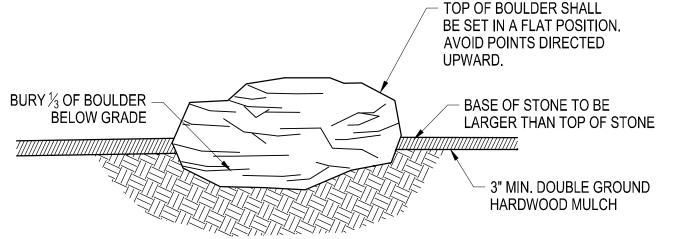


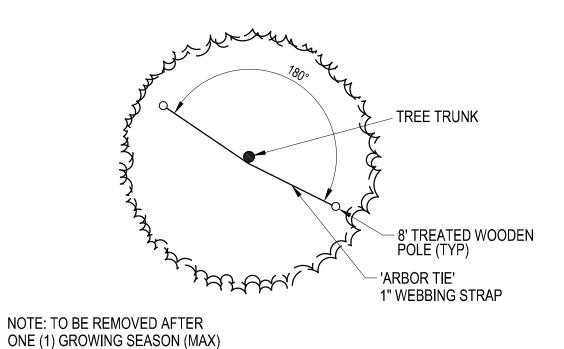
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LANDSCAPE FABRIC

NOTE: SLOPE 3:1 OR GREATER

MULCH SHALL BE 4" THICK MIN.





TREE STAKING DETAIL

SEEDING NOTES - FOR DISTURBED AREAS NOT TO RECEIVE SOD

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 21#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)	1/2 LB. 2 LBS.
FALL/WINTER (SEPT 1 MAR. 31) ANNUAL RYE GRASS HULLED BERMUDA GRASS UNHULLED BERMUDA GRASS (CELEBRATION)	6 LBS. 1 LB. 3 LBS.

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 SHALLINCLUDE 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 COMPILES 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.

TREES	CODE	QTY	BOTANICAL / COMMON NAME	CONT./CAL.	SIZE	SPACING
	ACER	3	Acer rubrum `October Glory` TM / October Glory Maple	B&B or Container	2.5"	As Shown
** E	AMEC	4	Amelanchier canadensis `Autumn Brilliance` / Autumn Brilliance Serviceberry	B & B	1.5"	As Shown
\bigcirc	GINB	4	Ginkgo biloba `Autumn Gold` TM / Maidenhair Tree	B & B	3" cal.	As Shown
£	QUEN	3	Quercus nigra / Water Oak	B & B	2.5"	As Shown
++	TAXD	2	Taxodium distichum / Bald Cypress	B & B	1.5"	As Shown
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	CONT.	SIZE	SPACING
\odot	CALA	13	Callicarpa americana / American Beautyberry	3 gal	24"-36"	As Shown
\odot	LORR	17	Loropetalum chinense `Ruby` / Ruby Loropetalum	3 gal		As Shown
\odot	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
€3	RUDH	24	Rudbeckia hirta / Black-eyed Susan	1 gal		As Shown

ABBREVIATION NOTE:

PLANT SCHEDULE

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.

- 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
- 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.
- 3. MULCH WITH DOUBLE SHREDDED HARDWOOD MULCH 3" THICK MIN. SUBMIT SAMPLE TO OWNER FOR APPROVAL.
- 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 GROUNCOVER PLANTING HOLES

NAME, CONTACT PERSON, CONTACT PERSON TELEPHONE NUMBER.

- PER MANUFACTURERS' RECOMMENDATIONS.
- APPLY 'SUPERTHRIVE' VITAMINS AND HORMONES TO ALL TREES, SHRUBS AND GROUNDCOVERSPER MANUFACTURERS' RECOMMENDATIONS, www.superthrive.com (800) 441-VITA -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 (1-800-922-0983) SUPPLY THEM WITH THE FOLLOWING INFORMATION - ADDRESS (INSIDE CITY LIMITS), OWNERS' NAME, COMPLETION DATE, CONTRACTORS'

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.

FLOYD, INC

COUNTOUR EDGE BED

BOULDER DETAIL



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, 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.

Ordinance # / Resolution #: N/A

Contact Person / Sponsor: Rox Burhans / Planning

Department: Administration

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

Issue for Consideration:

In June 2018 the I&R Committee received a presentation of the RFATS Collector Road study. Current staff would like to refresh the Committee on the study, and review some potential action steps to refine the study for Lancaster County. The goal is to have a useful policy guide for Council, property owners, residents and staff as development continues in the Panhandle.

Points to Consider:

Council has not adopted the RFATS Collector Road Study. With the 2019 staff changes in the Planning Department, we feel it's a good time to have a brief discussion on several possibilities to refine and update the collector road study for use.

Funding and Liability Factors:

N/A

Options:

This is for discussion only.

Recommendation:

N/A