

Case File / Name: SUB-0038-2024 DSLC - Shallcross Park

LOCATION: The site is located at 3400 and 3500 Barwell Road, PIN # 1732239902 (north) and PIN 1732236388 (south). The site is split zoned with the northern portion zoned R-10-CU and the southern portion zoned RX-3-CU. The total site is 26.85 acres in size with the northern R-10-CU portion being 13.07 acres and the southern RX-3-CU portion being 13.78 acres. The site is outside the city limits. This is a proposed conventional subdivision development consisting of 216 **REQUEST:** townhouse lots, 1 detached house lot, and 5 common area lots for a total of 222 lots. The common area lots will be owned and maintained by a homeowner's association and portions will be used as an amenity area. The subdivision will be developed in three phases. DESIGN ADJUSTMENT(S)/ N/A ALTERNATES, ETC:

FINDINGS: City Administration finds that this request, with the below conditions of approval being met, conforms to the Unified Development Ordinance. This approval is based on a preliminary plan dated November 19, 2024 by Jones & Cnossen Engineering, PLLC.

### **CONDITIONS OF APPROVAL and NEXT STEPS:**

This document must be applied to the second sheet of all future submittals except for final plats. This is a preliminary plan and as such no permits have been issued with this approval. To obtain permits and/or completion of the project, the following steps are required:

☑ <u>SITE PERMITTING REVIEW</u> - For land disturbance of 12,000 square feet or greater, public or private infrastructure, shared stormwater devices, etc. Site Permitting Review may be submitted upon receipt of this signed approval document.

The following items are required prior to approval of Site Permitting Review plans:

### Engineering

1. Required NCDOT encroachment and/or driveway permits must be approved and copies provided to the City of Raleigh Transportation Department – Mobility Strategy and Infrastructure Division prior to Site Permit review approval.

### Stormwater

- 2. The State of North Carolina shall approve any proposed disturbance within the riparian buffer prior to the issuance of any grading or site permit (UDO 9.2.3.E).
- 3. A surety equal to of the cost of clearing, grubbing and reseeding a site, shall be paid to the City (UDO 9.4.4).
- 4. A stormwater control plan with a stormwater operations and maintenance manual and budget shall be approved (UDO 9.2).

### **Urban Forestry**



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- 5. Tree protection fence must be inspected by Urban Forestry staff prior to the issuance of a grading permit.
- 6. Submit a final tree conservation plan that includes metes and bounds descriptions of all tree conservation areas and tree protection fencing as required (UDO 9.1.5).

☑ <u>LEGAL DOCUMENTS</u> - Email to legaldocumentreview@raleighnc.gov. Legal documents must be approved, executed, and recorded prior to or in conjunction with the recorded plat on which the associated easements are shown. Copies of recorded documents must be returned to the City within one business day of recording to avoid withholding of further permit issuance.

	Right of Way Deed of Easement Required
Ø	Stormwater Maintenance Covenant Required

⊠ Ut	ility Placement Deed of Easement
Re	equired

☑ <u>**RECORDED MAP(S)**</u> - Submit plat to record new property lines, easements, tree conservation areas, etc.). Plats may be submitted for review when the Site Permitting Review plans, if required, have been deemed ready for mylar signature.

### The following items must be approved prior to recording the plat:

### General

- 1. Provide documentation indicating a Property Owner's Association has been established for the subject development.
- 2. The greenway easement as shown on the preliminary plan shall be dedicated prior to, or in conjunction with the recording of a map in any phase affected by the greenway.
- 3. Street names for this development shall be approved by the Raleigh GIS Division and by Wake County.

### Engineering

4. A 5' utility placement easement deed of easement, in addition to a plat showing the location of the easement, shall be submitted to the Planning and Development Services Department for review, and if acceptable, approved for recordation. Approved plats must be recorded at the Wake County Register of Deeds Office on or before the 14th day following approval by the City. The 14-day expiration date shall be clearly indicated on the plat. By the end of the next business day following recordation of the plat, all required legal instruments (including deeds of easement) shall be recorded, and recorded copies of the plat and all legal instruments required by the City in association with development approval shall be provided to the City. (Reference: UDO 8.1.7.A; 10.2.5.F.4.d)



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- 5. A public street right-of-way deed of easement, in addition to a plat showing the location of the easement, shall be submitted to the Planning and Development Services Department for review, and if acceptable, approved for recordation. Approved plats must be recorded at the Wake County Register of Deeds Office on or before the 14th day following approval by the City. The 14-day expiration date shall be clearly indicated on the plat. By the end of the next business day following recordation of the plat, all required legal instruments (including deeds of easement) shall be recorded, and recorded copies of the plat and all legal instruments required by the City in association with development approval shall be provided to the City. (Reference: UDO 8.1.7.A; 10.2.5.F.4.d)
- 6. A public infrastructure surety shall be provided to City of Raleigh Transportation Development Engineering Division (UDO 8.1.3) in the amount of 100% of the improvement cost for the NCDOT portion and 125% of the improvement cost for the City of Raleigh infrastructure.

### **Public Utilities**

- 7. Site Permit Review plans (SPR) must be approved by the City of Raleigh Public Utilities Department for all public water, public sewer and/or private sewer extensions.
- 8. A Petition for Annexation into the City limits shall be submitted in accordance with City Council policy for extension of utility service to properties currently outside of the City limits. This voluntary annexation in no way obligates the City to extend utility services to the property.

### Stormwater

- 9. The City form document entitled Declaration of Maintenance Covenant and Grant of Protection Easement for Stormwater Control Facilities shall be approved by the City and recorded with the county register of deeds office (UDO 9.2.2.G).
- 10. All stormwater control measures and means of transporting stormwater runoff to and from any nitrogen and stormwater runoff control measures shall be shown on all plats for recording as private drainage easements (UDO 9.2).
- 11. A surety equal to 125% of the cost of the construction of a stormwater device shall be paid to the Engineering Services Department (UDO 9.2.2.D.1.d).
- 12. The maximum allocated impervious area for all applicable lots in the subdivision should be identified on all maps for recording.
- 13. The riparian buffers, in accordance with the preliminary plan and the State of North Carolina regulations, shall be shown on plats for recording along with required buffer statement (Recorded Map Checklist).
- 14. If demolition causes a land disturbance of more than 12,000 sf, a mass grading permit will be required. (UDO 9.4.6)

### **Urban Forestry**



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- 15. A tree conservation plat shall be recorded with metes and bounds showing the designated tree conservation areas (UDO 9.1). This development proposes 2.24 acres of tree conservation area.
- 16. A public infrastructure surety for 47 street trees shall be provided to City of Raleigh Transportation Development Engineering Division (UDO 8.1.3) in the amount of 100% of the improvement cost for the NCDOT portion, and a public infrastructure surety for 153 street trees shall be provided in the amount of 125% of the improvement cost for the City of Raleigh infrastructure.

☑ <u>BUILDING PERMITS</u> - For buildings and structures shown on the approved plans. Commercial building permit plans must include the signed, approved Site Permitting Review plans attached, if applicable. Permit sets may be reviewed prior to the recordation of required plats, but cannot be approved.

### The following items must be approved prior to the issuance of building permits:

### Stormwater

 An encroachment agreement for Stormwater pipes within the public right-of-way shall be approved by City Council and the City Council approved encroachment agreement shall be filed with the Development Services Department, and the encroachment agreement shall be recorded with the Wake County Register of Deeds. A recorded copy of these documents must be provided to the Development Services Department.

### **Urban Forestry**

 Tree impact permits must be obtained for the approved streetscape tree installations in the rights-of-way. This development proposes 28 street trees along Street A, 25 street trees along Street B, 34 street trees along Street C, 66 street trees along Street D, and 47 street trees along Barwell Road for a total of 200 street trees.

### The following are required prior to issuance of building occupancy permit:

### General

1. Final inspection of tree conservation areas and rights-of-way street trees by Urban Forestry Staff.

### Stormwater

- 2. As-built impervious survey is accepted by the Engineering Services Department (UDO 9.2).
- 3. As-built drawings and associated forms for all Stormwater devices are accepted by the Engineering Services Department (UDO 9.2.2.D.3).

EXPIRATION DATES: If significant construction has not taken place on a project after preliminary subdivision approval, that approval may "sunset" and be declared void, requiring re-approval before permits may be issued. To avoid allowing this preliminary approval to "sunset", the following must take place by the following dates:



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3-Year Sunset Date: December 19, 2027 Record at least  $\frac{1}{2}$  of the land area approved.

5-Year Sunset Date: December 19, 2029 Record entire subdivision.

I hereby certify this administrative decision.

Keegan McDonald

Signed: \_

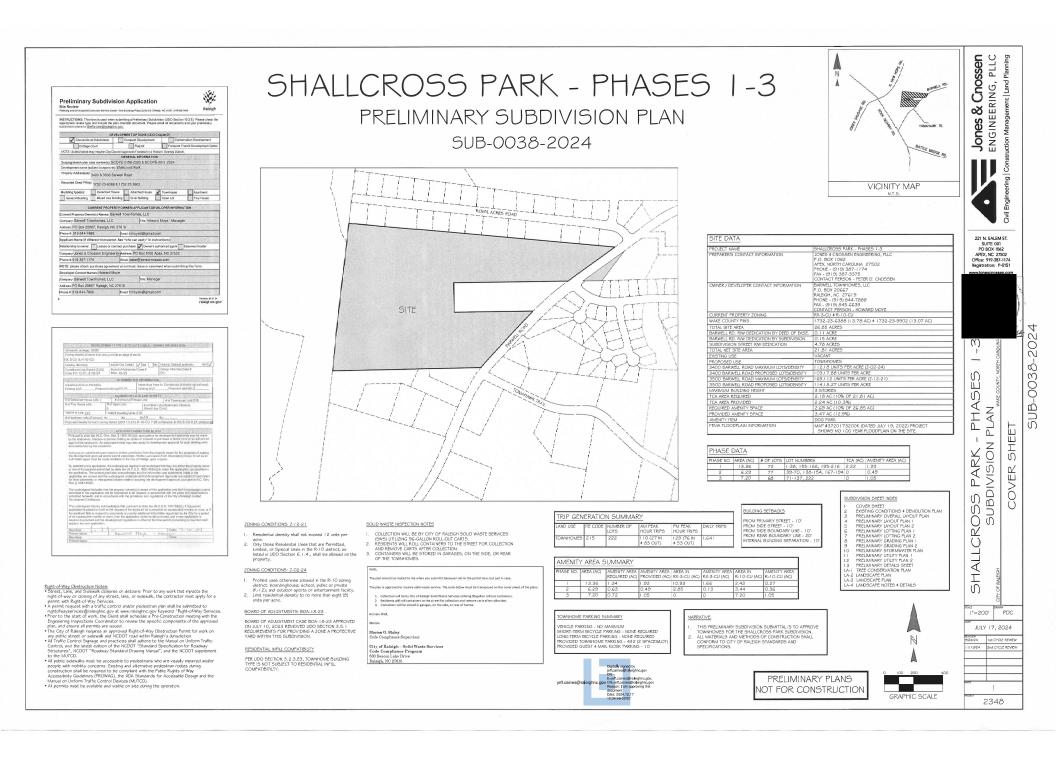
Development Services Dir/Designee

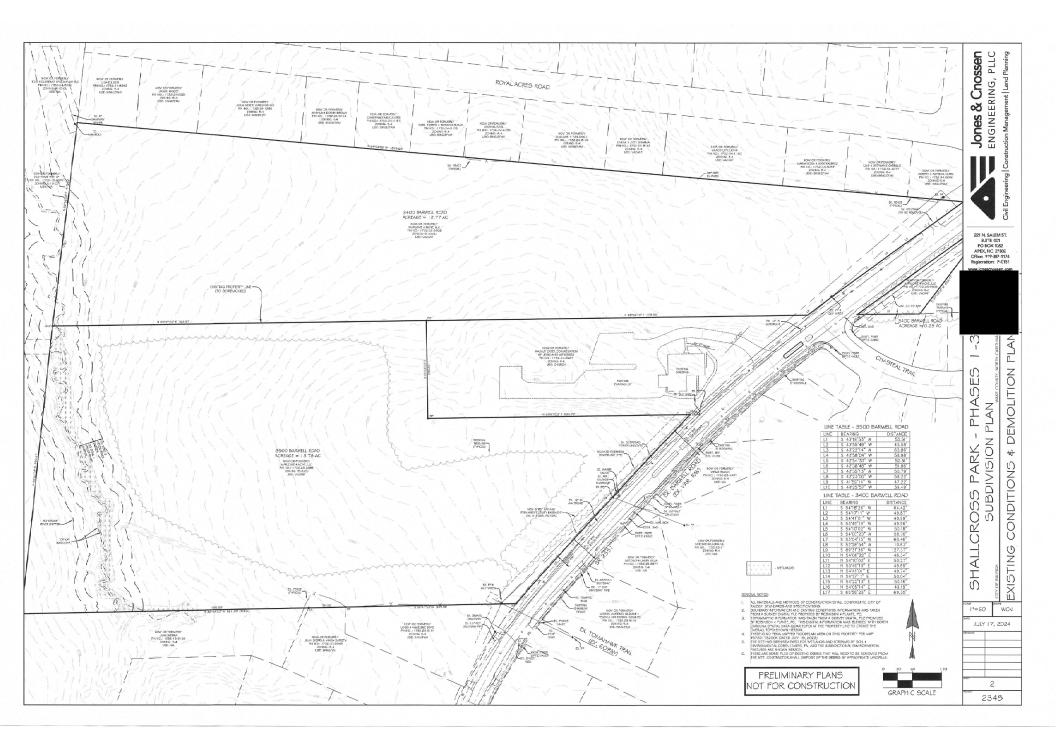
Date: 12/19/2024

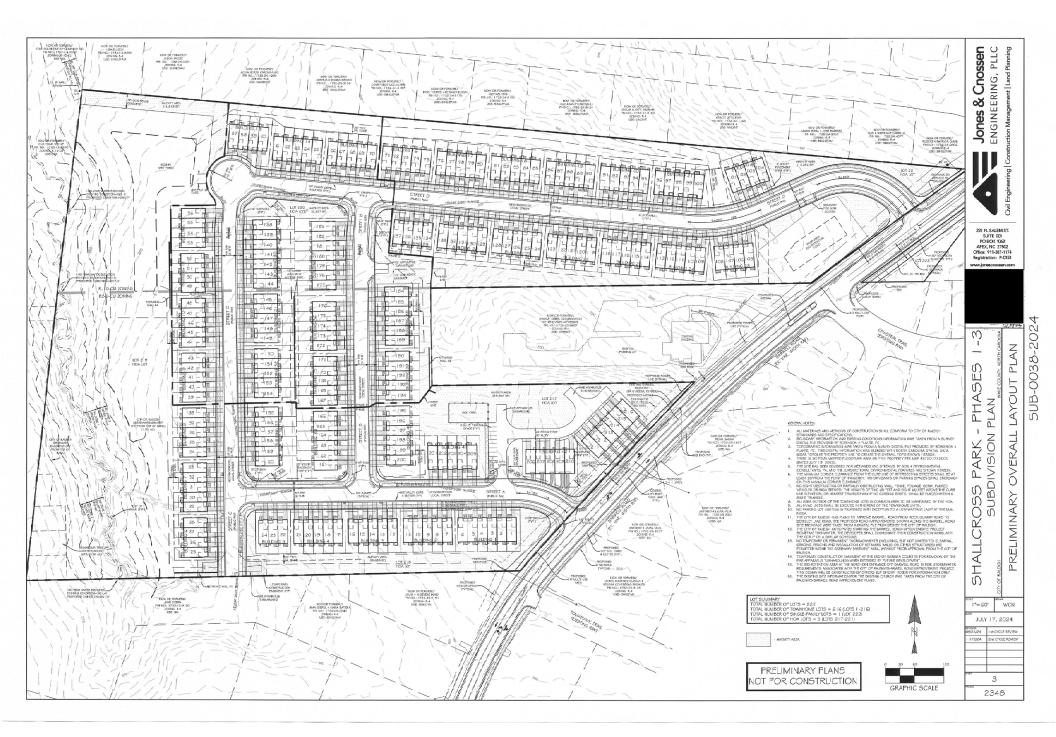
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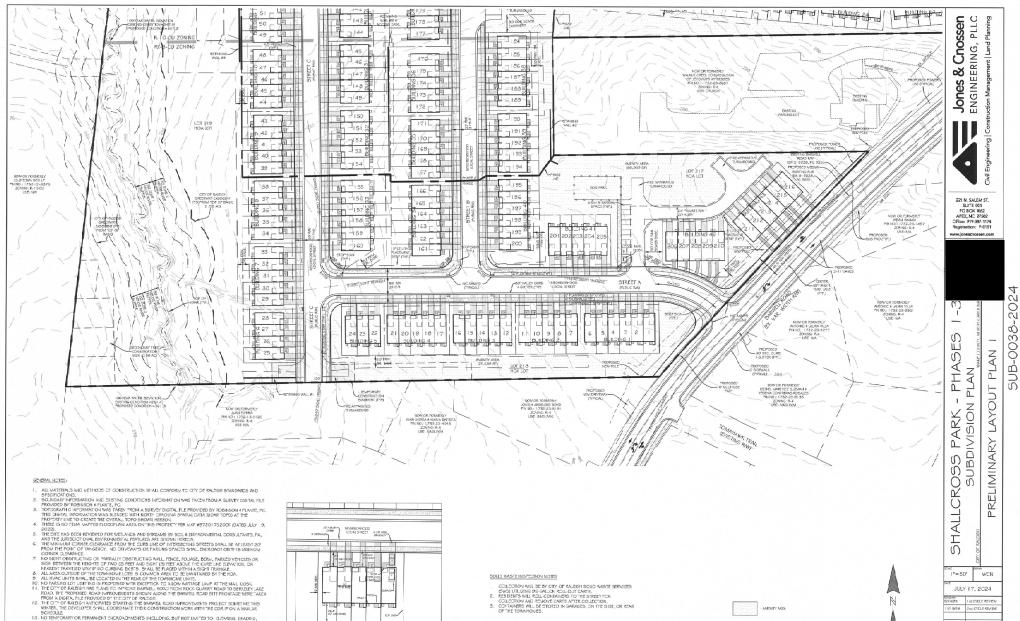
Staff Coordinator: Jeff Caines

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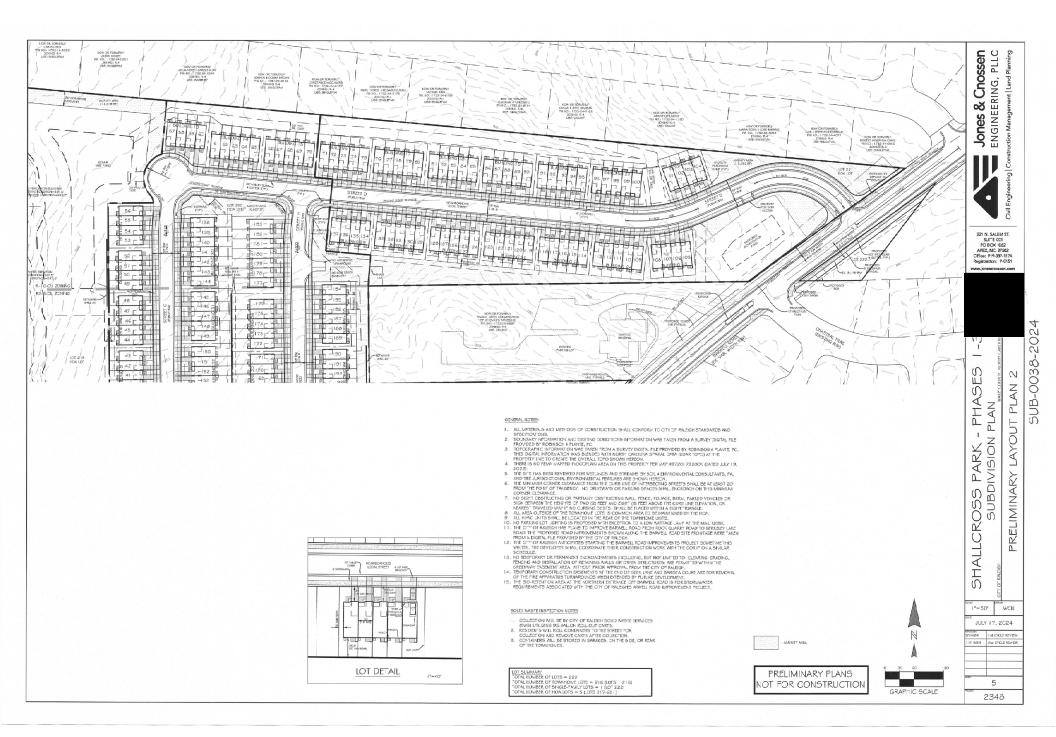
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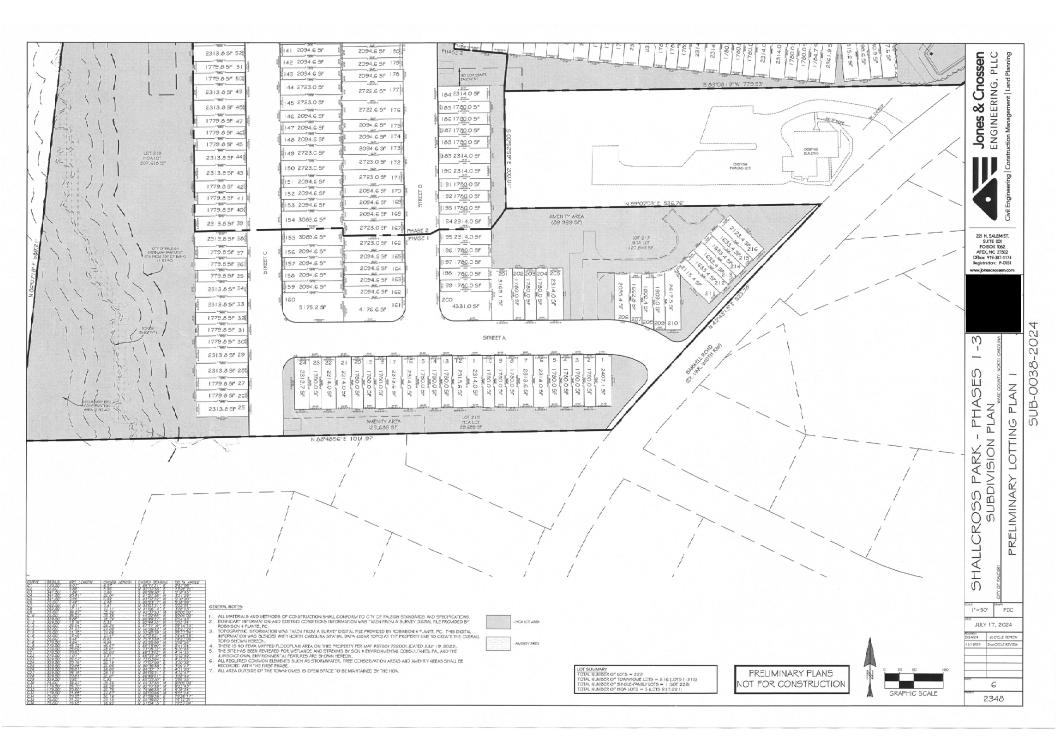
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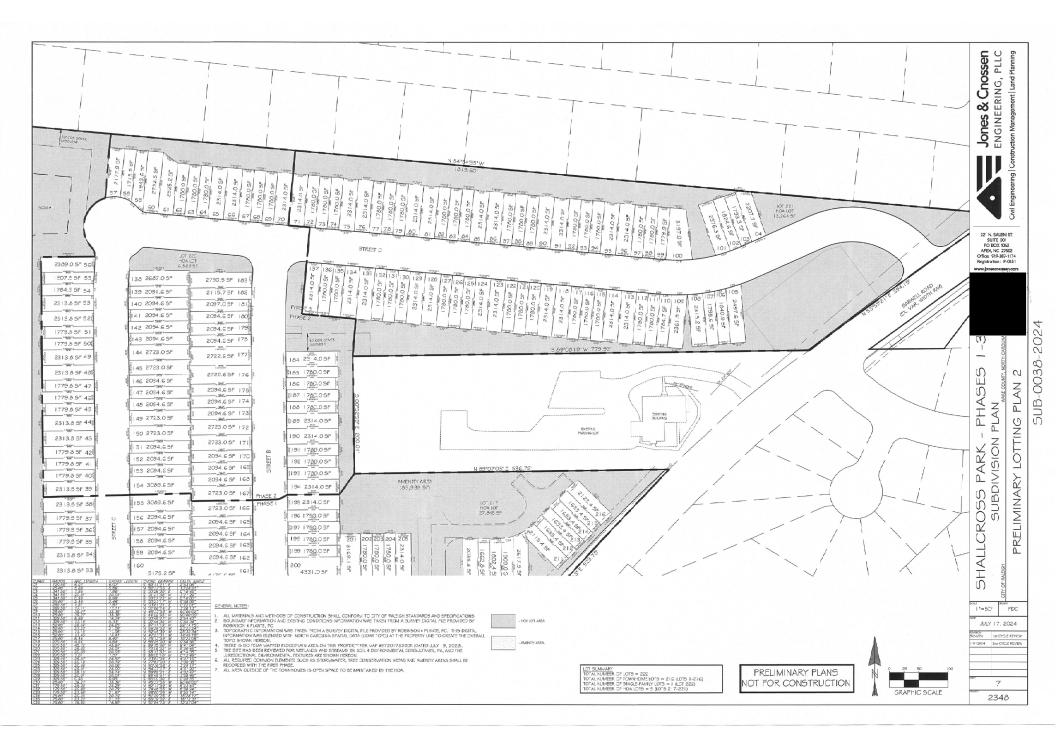
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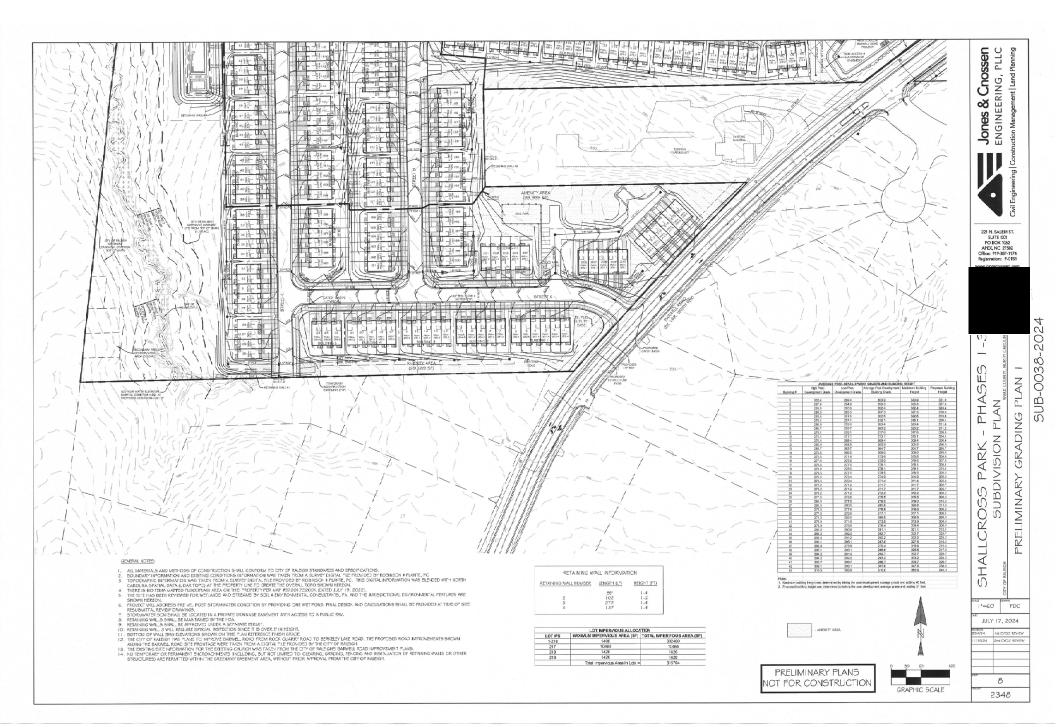
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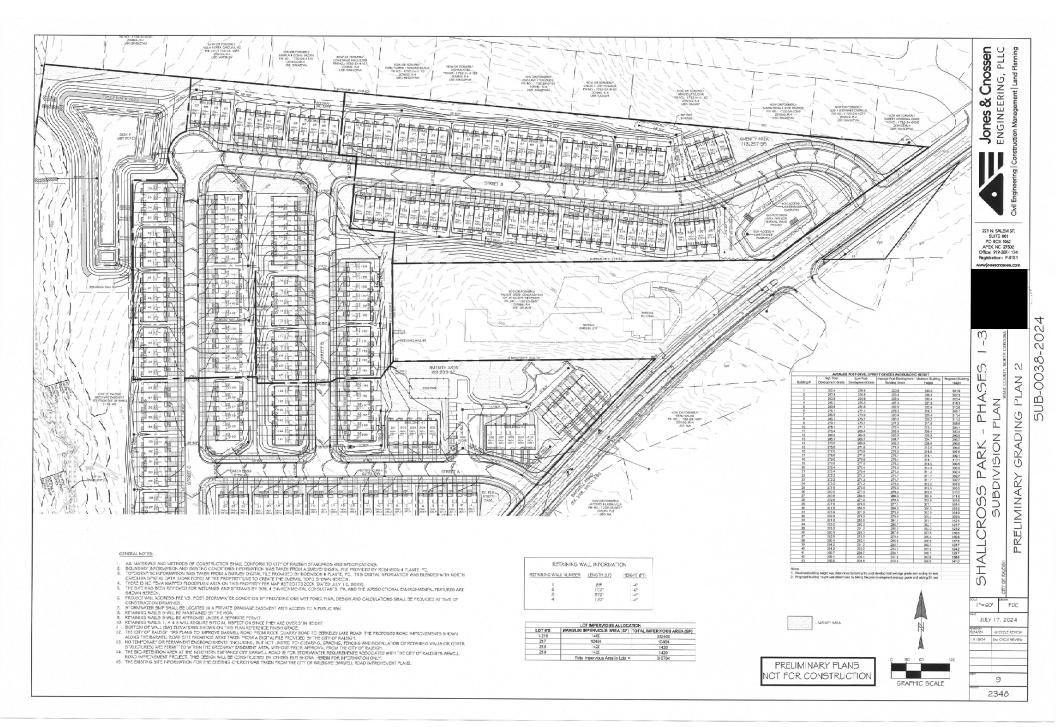
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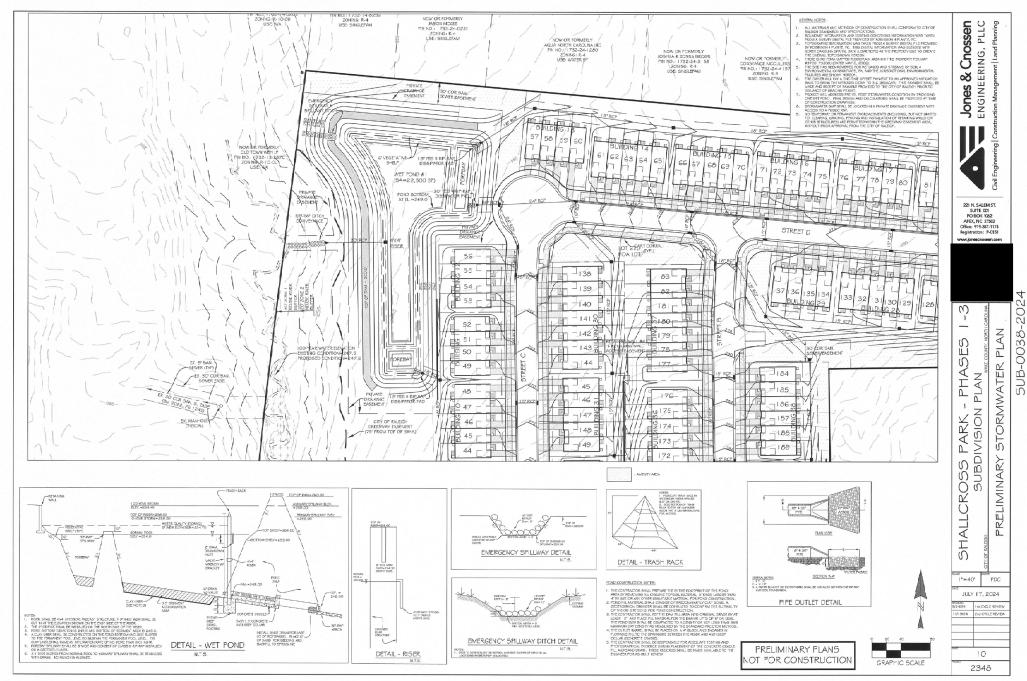


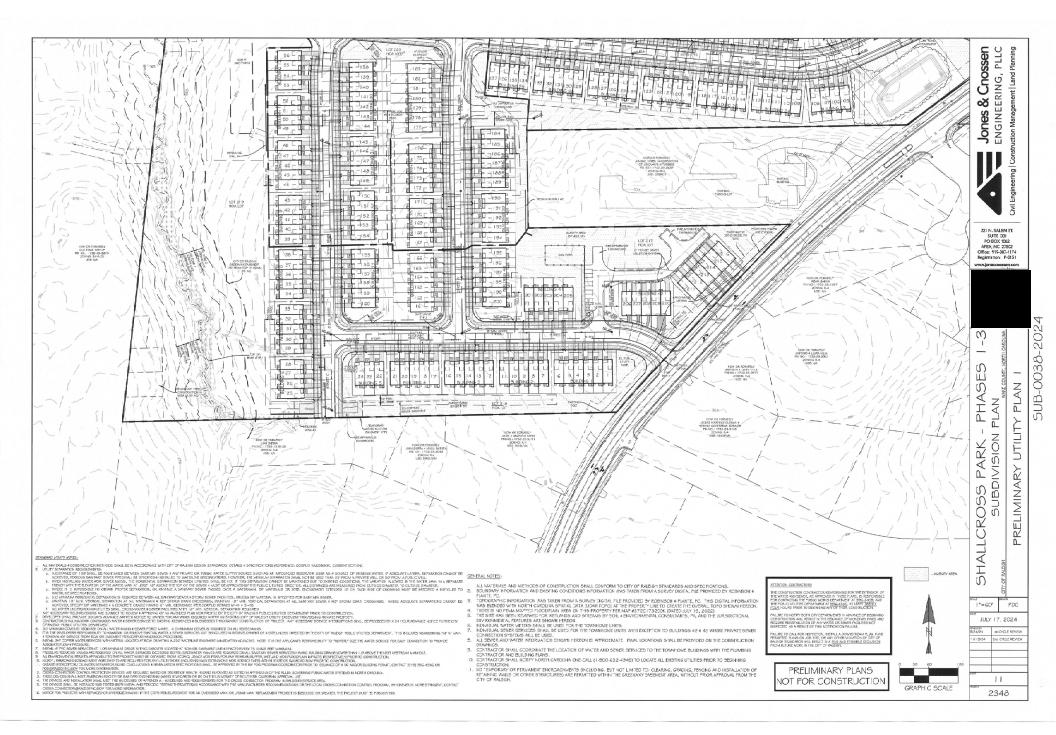


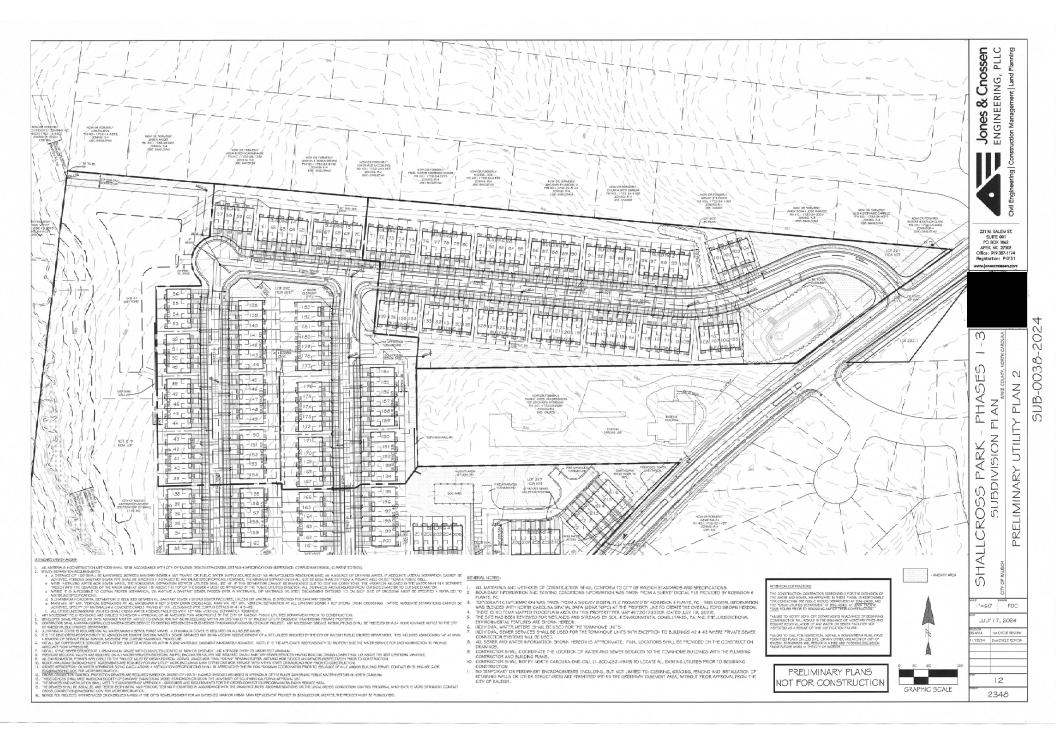


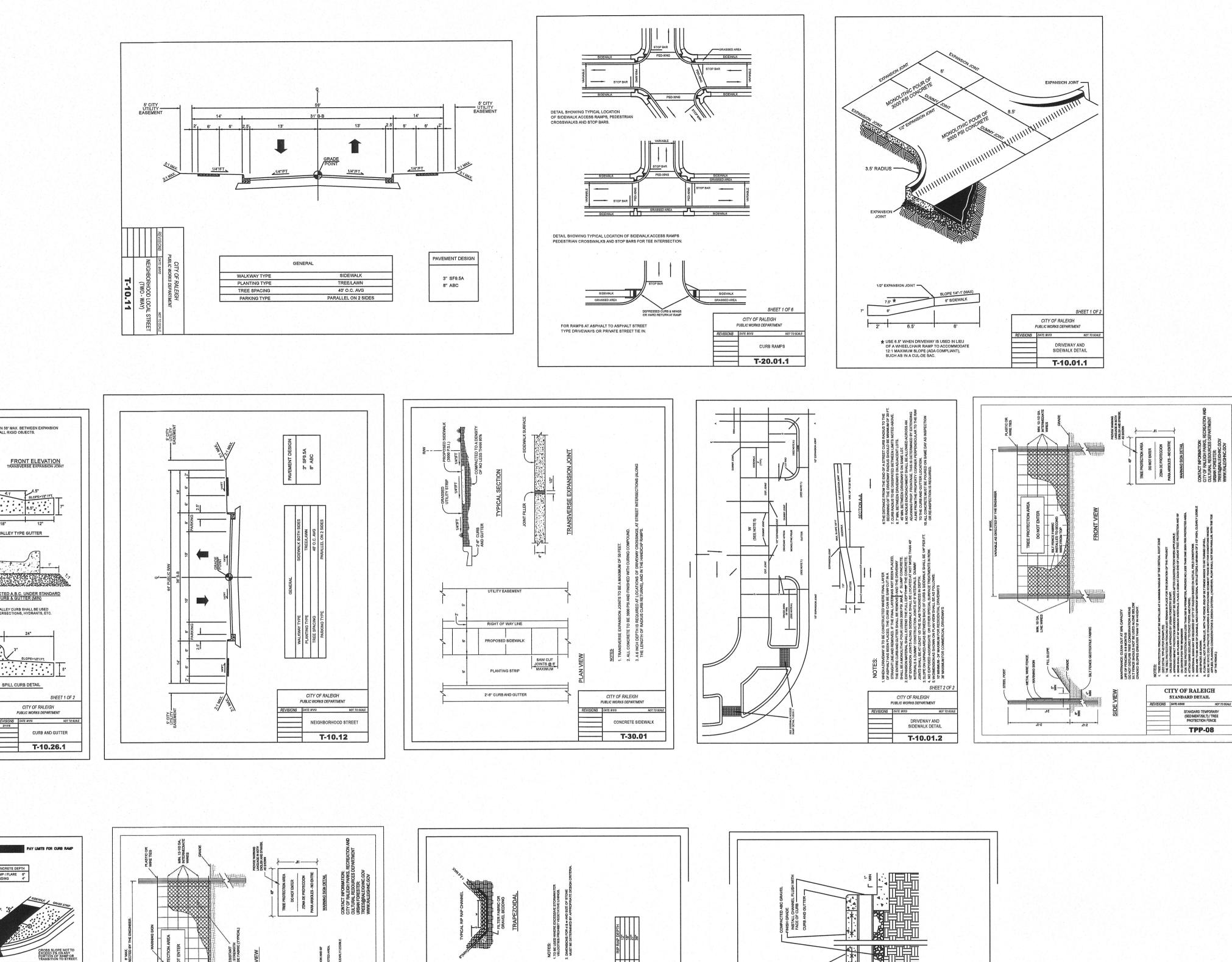


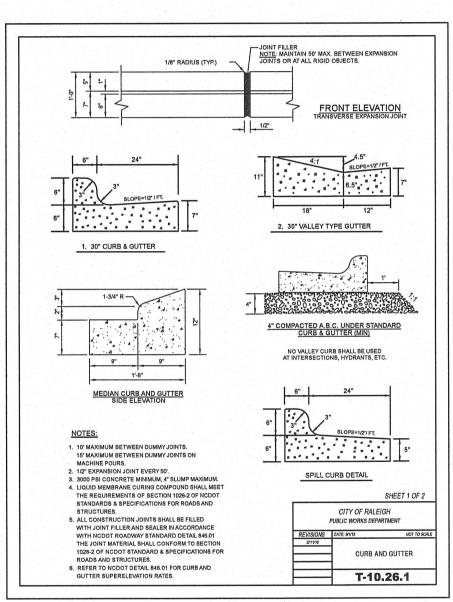


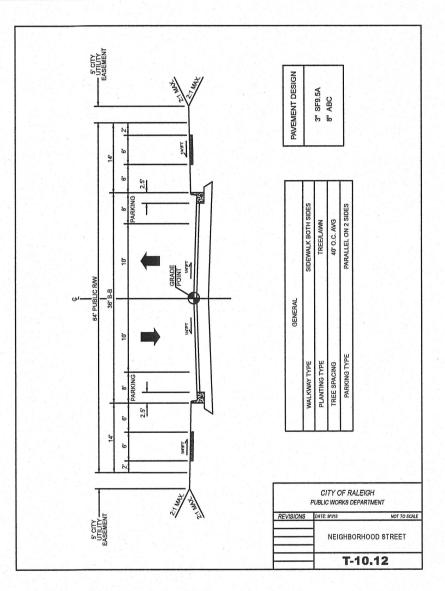


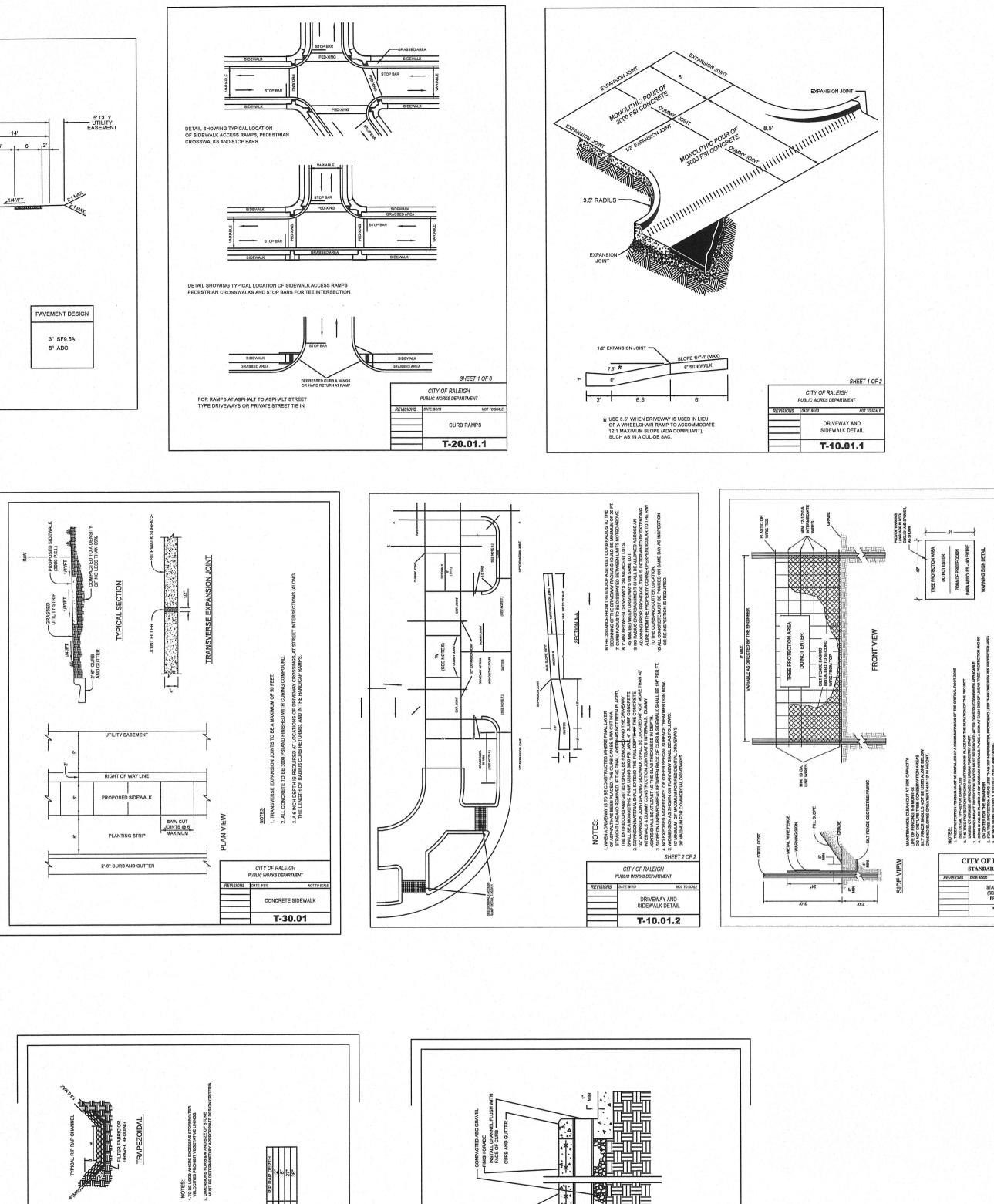


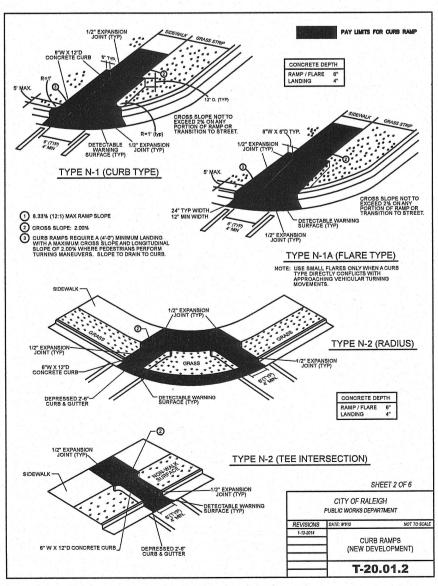


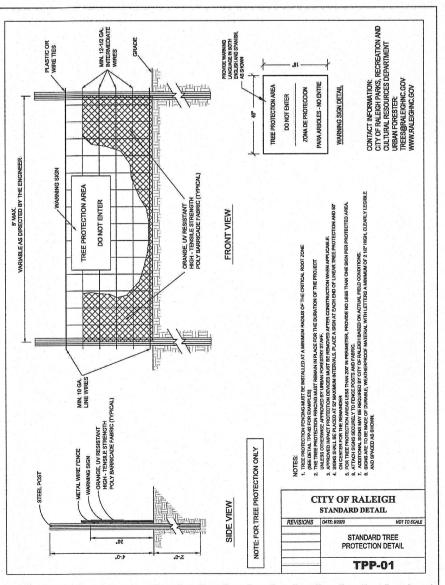


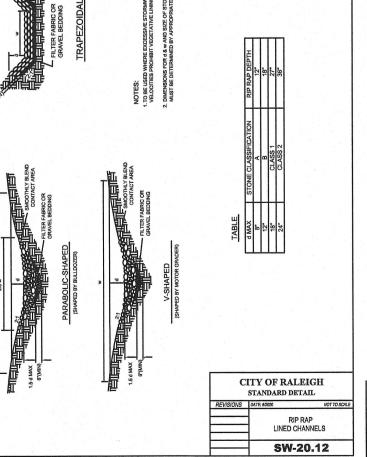


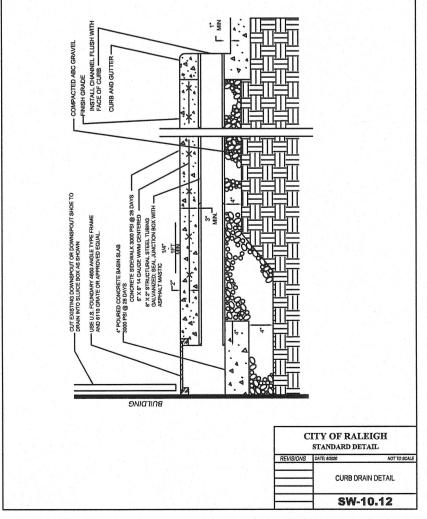












#### SEEDING SCHEDULE (REVISED, 1-1-86) <u>Shoulders, Side ditches, Slopes, (Max. 3:1)</u> PLANTING RATE TYPE 300 lbs. / acre Tall Fescue Aug. 15 - Nov. 1 300 lbs. / acre Tall Fescue and Nov. 1 - March 1 25 lbs. / acre Abruzzi Rye 300 lbs. / acre March 1 — April 15 Tall Fescue Hulled Common Bermudagrass 25 lbs. / acre April 15 - June 30 120 lbs. / acre July 1 - Aug. 1 Tall Fescue and 35 lbs. / acre and Browntop Millet

or Sorghum — Sudan Hybrids

SLOPES (3:1 to 2:1) 50 lbs. / acre Sericea Lespedeza (scarified) March 1 — June 1 and Add Tall Fescue 120 lbs. / acre (March 1 – April 15) (March 1 - June 30) Or Add Weeping Lovegrass 10 lbs. / acre 25 lbs. / acre (March 1 — June 30) Or Add Hulled Common Bermudagrass 120 lbs. / acre Tall Fescue and June 1 — Sept. 1 35 lbs. / acre Browntop Millet or Sorghum — Sudan Hybrids 30 lbs. / acre Sericea Lespedeza (unhulled - unscarified) 70 lbs. / acre Sept. 1 - March 1 and Tall Fescue 120 lbs. / acre Nov. 1 — March 1 Add Abruzzi Rye 25 lbs. / acre

30 lbs. / acre

Consult Conservation Engineer or Soil Conservation Service for additional information concerning other alternatives for vegitation of denuded areas. The above vegetation rates are those which do well under local conditions; other seeding rate combinations are possible.

Reseed according to optimum season for desired perminate vegitation. Do not allow temporary cover to grow over 12" in height before mowing, otherwise fescue may be shaded out.

### SEEDBED PREPARATION

1.) Chisel compacted areas and spread topsoil 3 inches deep over adverse soil conditions, if available.

2.) Rip the entire area to 6 inches deep.

3.) Remove all loose rock, roots, and other obstructions leaving surface reasonably smooth and uniform.

4.) Apply agricultural lime, fertilizer, and superphosphate uniformly and mix with

soil. (see below) 5.) Continue tillage until a well-pulverized, firm, reasonably uniform seedbed is prepared 4 to 6 inches deep.

6.) Seed on freshly prepared seedbed and cover seed lightly with seeding equipment or cultipack after seeding.

7.) Mulch immediately after seeding and anchor mulch.

8.) Inspect all seeded areas and make necessary repairs or reseedings within the planting season, if possible. If stand should be over 60% damaged, reestablish following original lime, fertilizer, and seeding rates.

9.) Consult Conservation Inspector for maintenance treatment and fertilization after permanent cover is established.

Apply: Agricultural Limestone — 2 tons / acre ( 3 tons / acre in clay soils). Fertilizer - 1000 lbs. / acre 10-10-10. Superphosphate - 500 lbs. / acre -20%. Mulch — 2 tons / acre — small grain straw. Anchor — Asphalt Emulsion @ 300 gals. / acre.



DATE

Jones & Cnossen	ENGINEERING, PLLC	Civil Engineering   Construction Management   Land Planning			
221 N. SALEM ST. SUITE 001 PO BOX 1062 APEX, NC 27502 Office: 919-387-1174 Registration: P-0151 www.jonescnossen.com					

# PRELIMINARY PLANS NOT FOR CONSTRUCTION

SHALLCROSS	BUBDIVISION PLAN	PRELIMINARY DETAILS SHI	SUB-C
	CITY OF RALEIGH		
NTS	DRAV	PDC	
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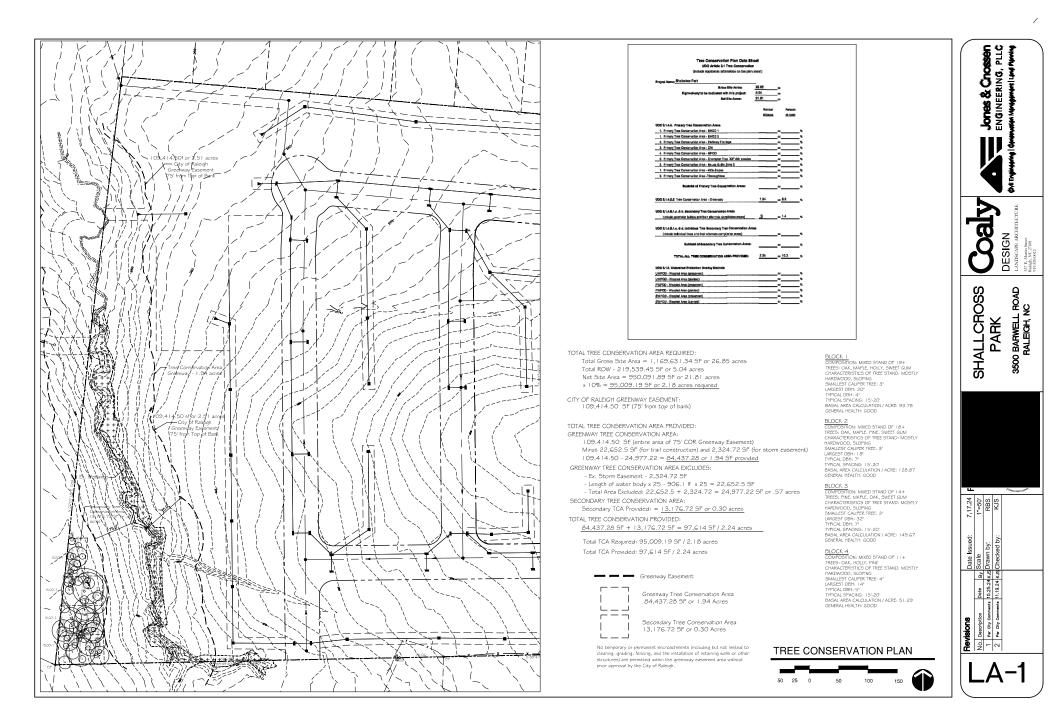
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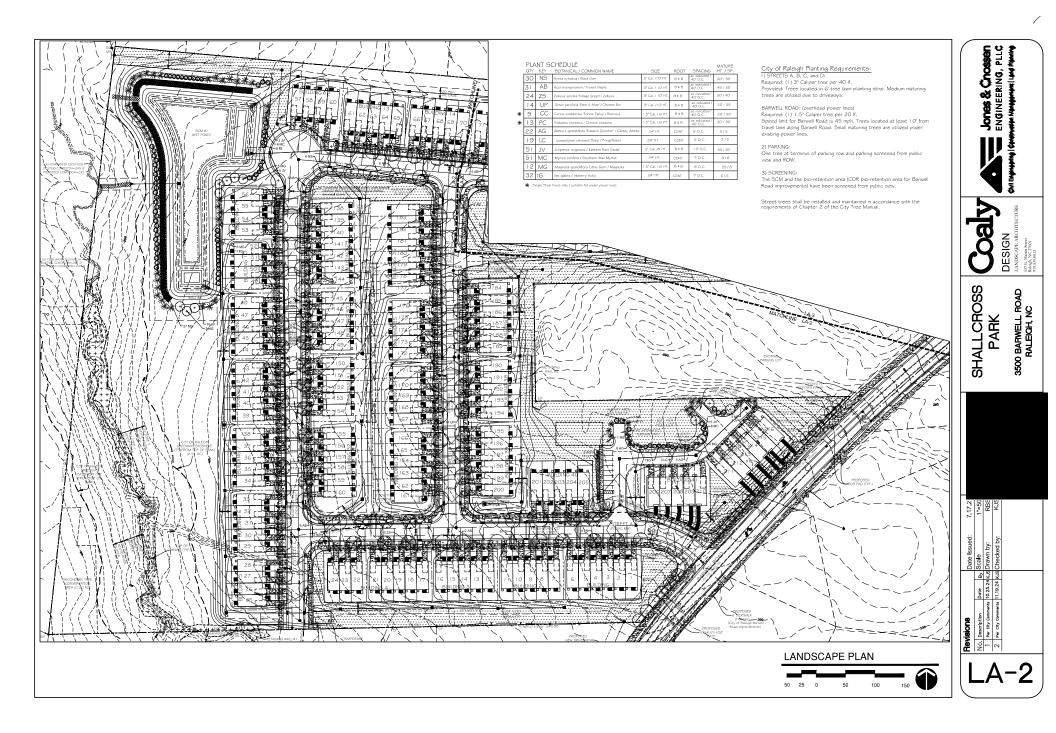
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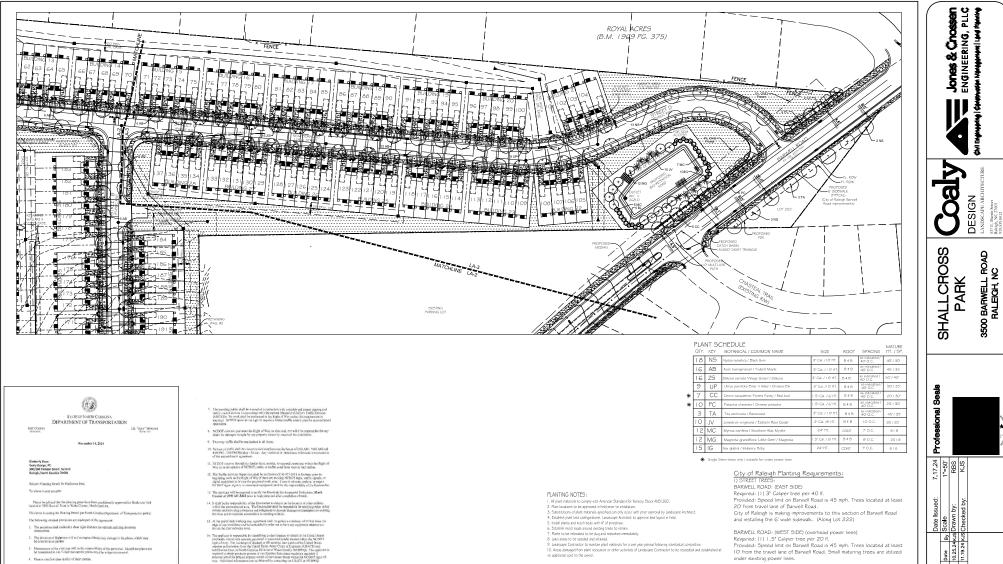
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- 2. The Division of Highways will not be responsible for any damage to the plants, which may be done by date period. Maintenance of the p-training will be the responsibility of the persistee. Should the plants net be trainealized in six, "I class memory the plants organ be where to reservent.
- 4. Plants to be first shar quality of their species. 5. A copy of this panels rotat be on the worksile of all times while the work in being performed
- 6. All uses and plants shall be proteed and minimized as such a concern as to see exceeds upon the more value.

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- onsible fer i harge of diadaod or fIU material into waters of the Unit from the United States Army Corps of Engineers (USA) South Caroling Divis the of Water Orality (NCDWO), '1
- out is represent in for complying with the Neare and Te-Parolice Re-parated by the NCDWO. The Rate republics activity writer a No-fron streams, in average streams and results. Advised a montation rate is

- PLAFITING NOTES: In J plant introduce to comply set in Amount Standard for Naroy Stack XMS1200. 2. Partic locations to be approach in field among to matrixen. 3. Substruction of plant among standard complex and improve and bigout in field. 4. Substruction of plant among among standard s
- Required (1) 1.5" Califer tree per 20 ft. Provided: Speed limit on Barwell Road is 45 mph. Trees located at least 10' from the travel lane of Barwell Road. Small maturing trees are utilized under existing power lines. STREET D:
- Required: (1) 3" Caliper tree per 40 lf. Provided: Trees located in 6' tree lawn planting strip. Medium maturing trees are utilized due to driveways.

Street trees shall be installed and maintained in accordance with the requirements of Chapter 2 of the City Tree Manual.





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