# Construction Plans For Francis Marion University Def. Maint: Roads, Parking Lots, Sidewalks, Walkways - Parking Lot F State Project No: H18-9584-PD-B4

**ZONING CERTIFICATION** I her¢by certify that, to the best of my knowledge, these plans comply with all applicable zoning ordinances FLOOD HAZARD INFORMATION & FLOOD LOADS FLOOD HAZARD AREA Flood Map Information: Flood Zone: X **EROSION AND SEDIMENT REDUCTION/STORMWATER** MANAGEMENT "I hereby certify that the measures in this plan are designed to control erosion, retain sediment on the site, and manage/stormwater in a manner that neither any on-site nor off-site damage or problem is caused or increased, that all structural measures are designed to the minimum standards for health and safety, and that all the provisions of the plan are in compliance with the Regulations contained in Chapter 72, Article 2, SC Code of Regulations/(Erosion and Sediment Reduction and Stormwater Management Regulations"

**Contact: Taylor McMillian** Tel: (843) 661-1488 Email: taylor.mcmillian2@fmarion.edu

## Prepared by: Chao & Associates, Inc. **Consulting Engineers**

C & A #: 392912-22



10-28-24 Date

**Drawing Index** 

- Key Plan

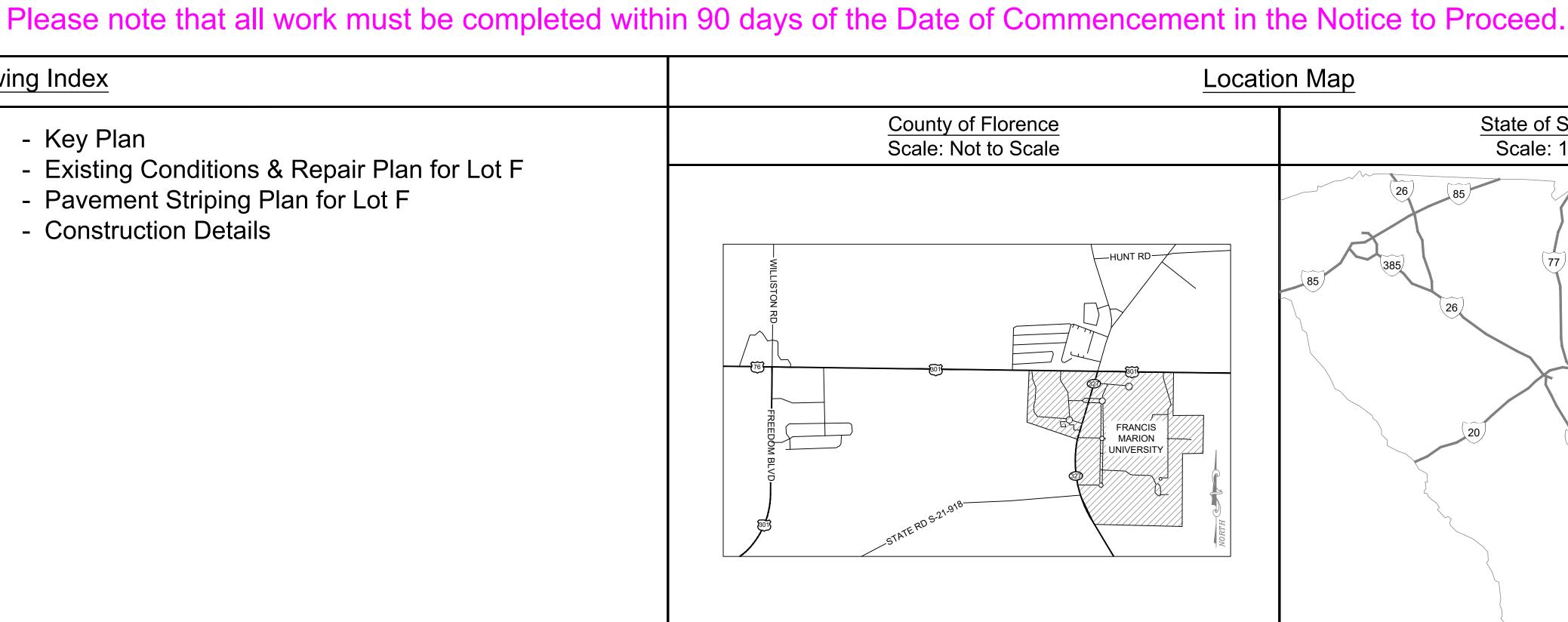
- Construction Details

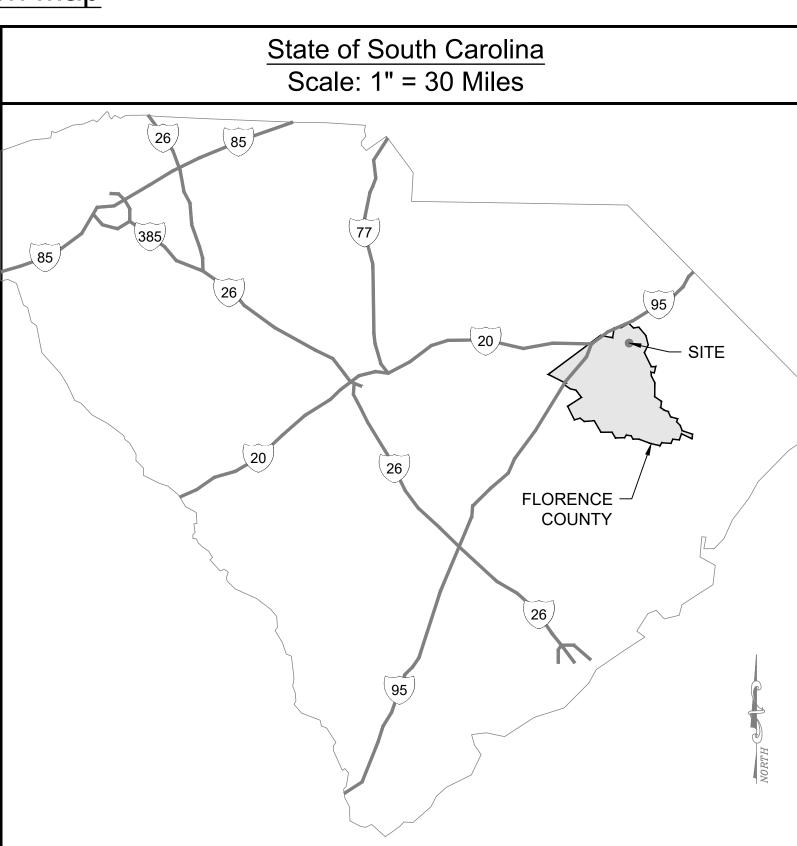
## Chao & Associates, Inc.

Civil - Structural - Survey 7 Clusters Court Columbia, SC 29210 Voice: (803) 772-8420 Fax: (803) 772-9120 Email: consult@chaoinc.com









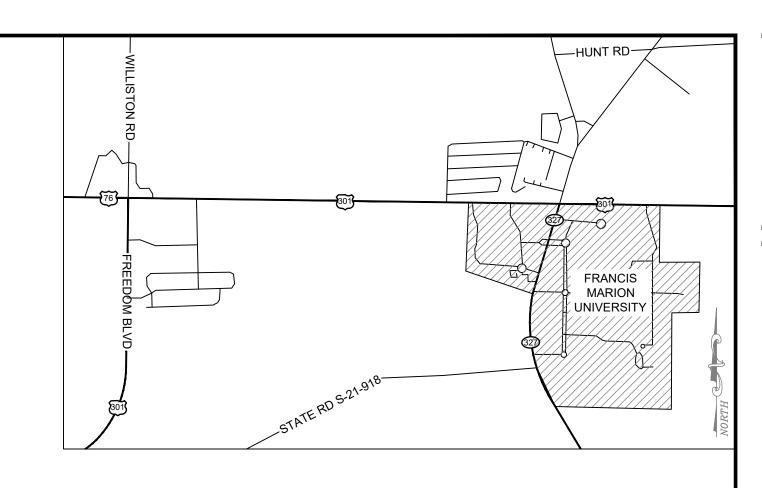
FRANCIS MARION

UNIVERSITY

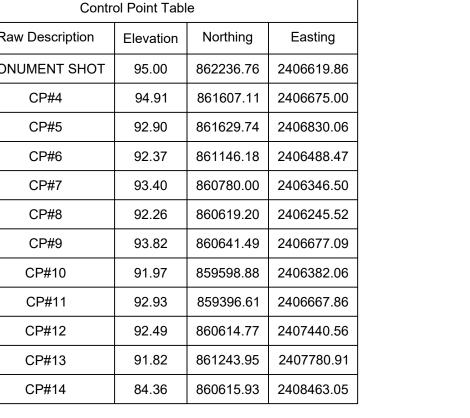
Existing Conditions & Repair Plan for Lot F

Pavement Striping Plan for Lot F

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Control Point Table				
Point #	Raw Description	Elevation	Northing	Easting
1	MONUMENT SHOT	95.00	862236.76	2406619.86
4	CP#4	94.91	861607.11	2406675.00
5	CP#5	92.90	861629.74	2406830.06
6	CP#6	92.37	861146.18	2406488.47
7	CP#7	93.40	860780.00	2406346.50
8	CP#8	92.26	860619.20	2406245.52
9	CP#9	93.82	860641.49	2406677.09
10	CP#10	91.97	859598.88	2406382.06
11	CP#11	92.93	859396.61	2406667.86
12	CP#12	92.49	860614.77	2407440.56
13	CP#13	91.82	861243.95	2407780.91
14	CP#14	84.36	860615.93	2408463.05



CHAO & § ASSOCIATES § No. C00357

Sheet Number October 28, 2024 Date

GRAPHIC SCALE ( IN FEET ) 1 inch = 200 ft. PROJECT: DEF. MAINT: ROADS, PARKING LOTS, SIDEWALKS, WALKWAYS -PARKING LOT F

STATE PROJECT NO.: H18-9584-PD-B4



## SCALE: NTS

- 1. All materials, installation and workmanship shall meet or exceed the minimum standards of South Carolina Department of Transportation.
- 2. All excavation for this project is unclassified. When excavating all excess material of whatever substance shall be removed and disposed of in a legal
- 3. Contractor to repair any damage done to curbs, utilities, etc..due to construction at their expense.
- 4. Contractor to repair and/or replace pavement markings in accordance with the school pavement marking standards of materials, location and
- 5. Contractor to verify exact location and depth of existing underground utility lines such as but not limited to electric, water, gas and sewer prior to
- 6. Contractor shall restore parking striping, handicapped signs, visitor parking signs, stop bars, traffic arrows, traffic lines, crosswalks, and painted islands, etc to original places after asphalt pavement rehabilitation is
- 7. Contractor to protect all existing trees along work limits.
- 8. Contractor responsible for traffic control.

- 1. All spot grades are existing top of curb.
- 2. Existing curb to remain if not shown to be removed and/or replaced.
- 3. Contractor to overlay asphalt pavement according to the detail on sheet C3.0, where shown.

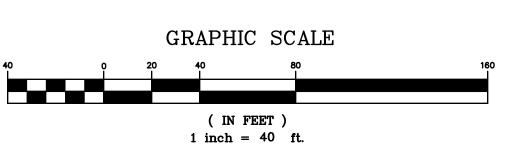
1. Boundary and topographic information (1-foot contour) were surveyed using LiDAR by Back Forty Aerial Solutions dated December 28, 2022.

**Total Estimated Asphalt Pavement** Quantities

Pavement area: 21,800 SY

Reference:

- See Appendix A of Project Manual for geotechnical report
   Topographic Map by Back Forty Aerial solutions dated 12-26-2022



PROJECT: DEF. MAINT: ROADS, PARKING LOTS, SIDEWALKS, WALKWAYS -PARKING LOT F

STATE PROJECT NO.: H18-9584-PD-B4

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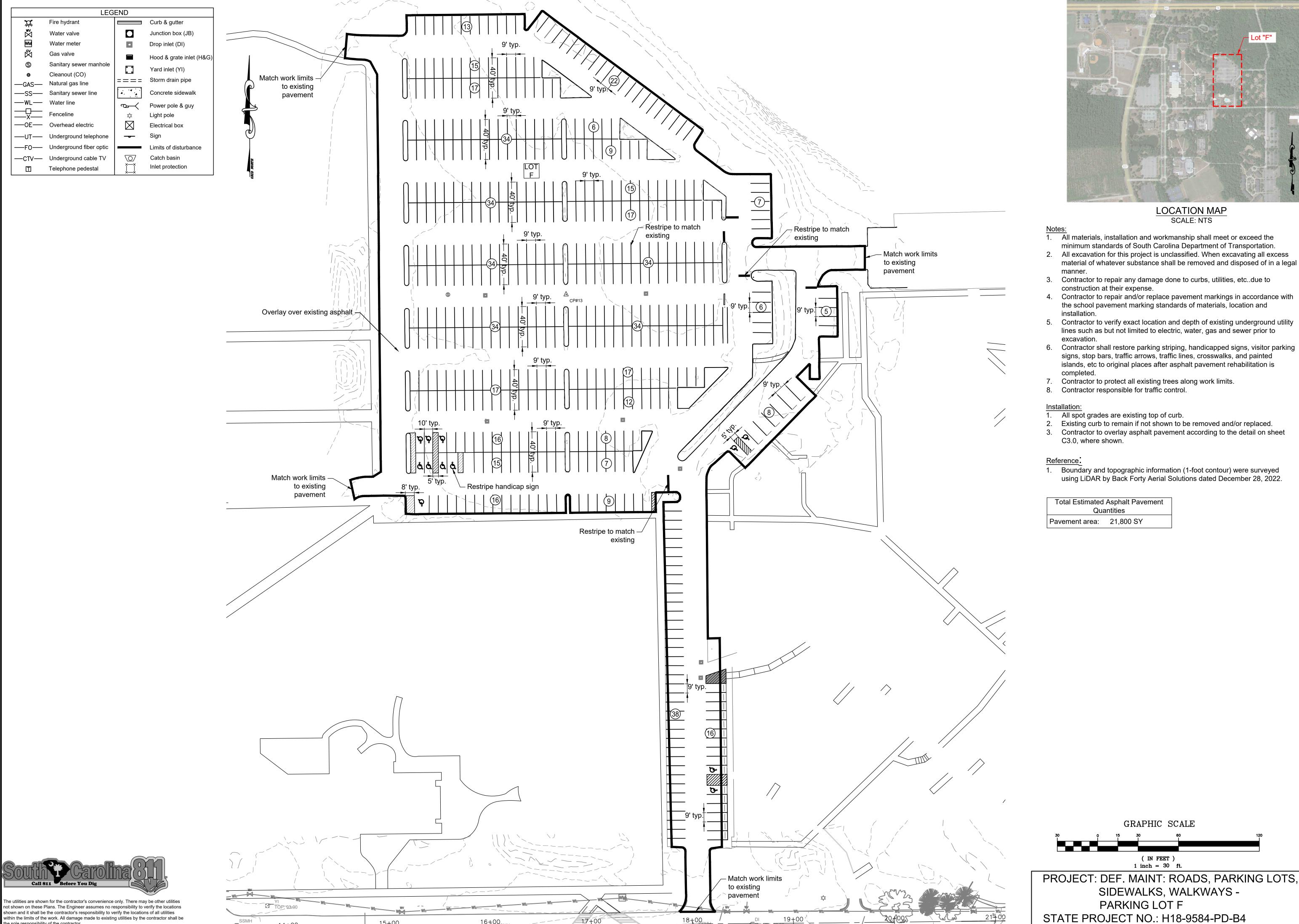
CHAO & S ASSOCIATES No. CO0357

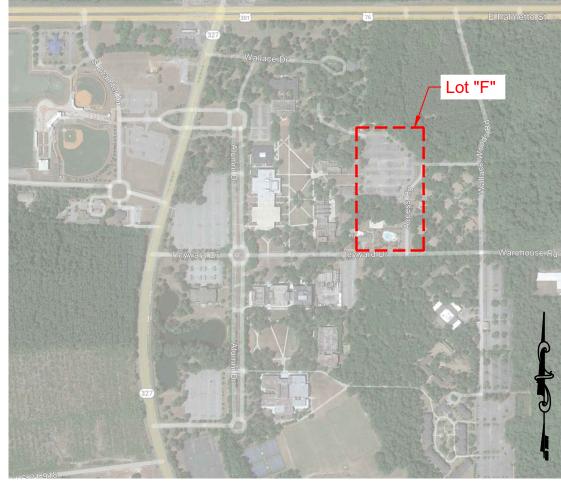
epair Plan for Lot F

Sheet Number October 28, 2024



shown and it shall be the contractor's responsibility to verify the locations of all utilities within the limits of the work. All damage made to existing utilities by the contractor shall be





### **LOCATION MAP**

- 1. All materials, installation and workmanship shall meet or exceed the
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- 4. Contractor to repair and/or replace pavement markings in accordance with the school pavement marking standards of materials, location and
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- 3. Contractor to overlay asphalt pavement according to the detail on sheet

1. Boundary and topographic information (1-foot contour) were surveyed using LiDAR by Back Forty Aerial Solutions dated December 28, 2022.



Sheet Number October 28, 2024

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CHAO & SAN ASSOCIATES No. CO0357 Lot F

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PROJECT: DEF. MAINT: ROADS, PARKING LOTS, SIDEWALKS, WALKWAYS -PARKING LOT F STATE PROJECT NO.: H18-9584-PD-B4



O & Associates, In
Civil - Structural - Survey
7 Clusters Court
Columbia, SC 29210

OBUS 

CHAO & SSOCIATES No. C00357

ls, Parking Lots, Sidewalks, walk ancis Marion University

Details

Construction De Def. Maint: Roads, Pa
- Parking Lot F
Prepared for: Francis

C3.0
Sheet Number
October 28, 2024
Date