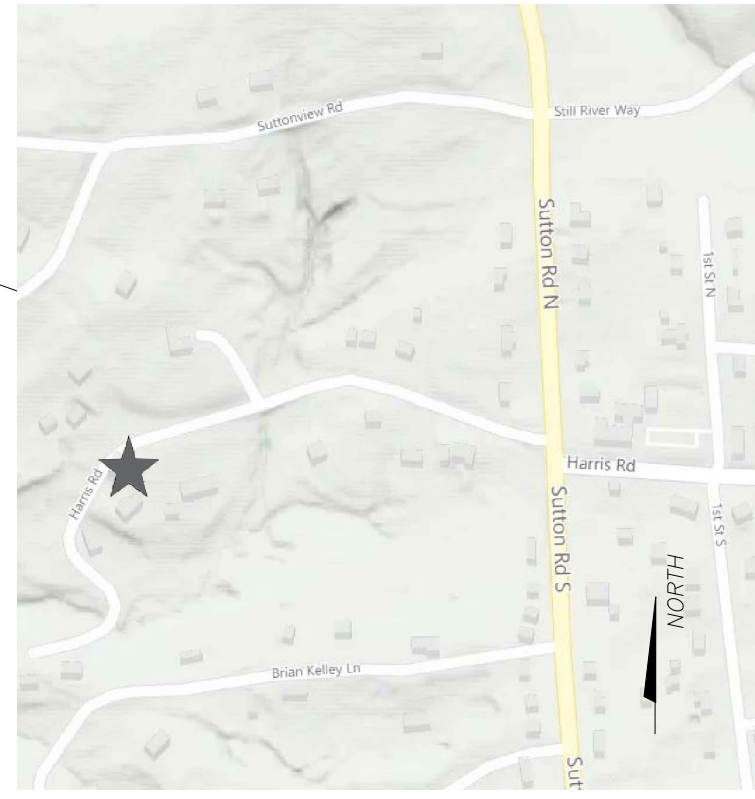
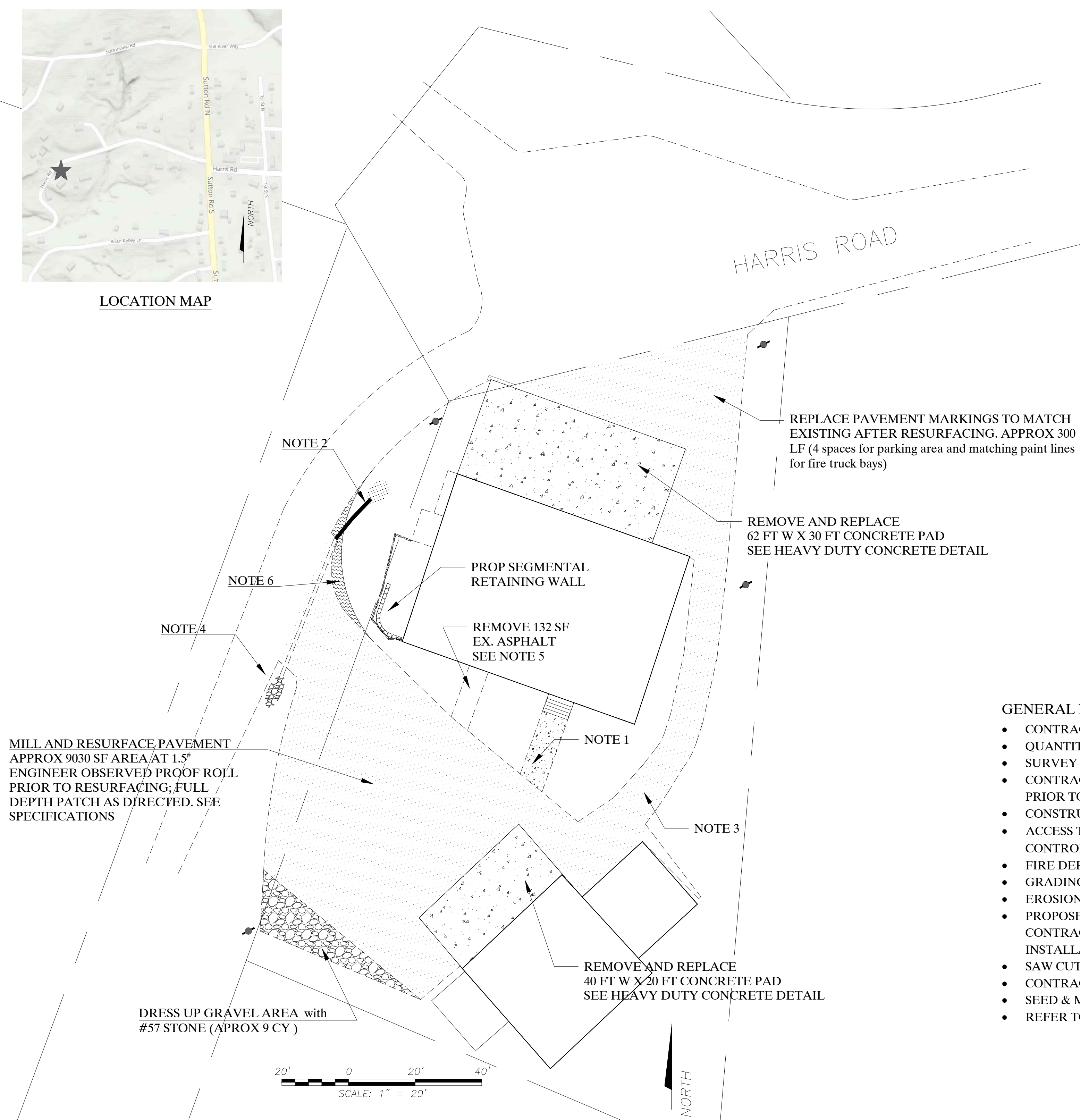


PROJECT LOCATION:
1899 HARRIS ROAD FORT MILL SC



LOCATION MAP



MILL AND RESURFACE PAVEMENT APPROX 9030 SF AREA AT 1.5" ENGINEER OBSERVED PROOF ROLL PRIOR TO RESURFACING; FULL DEPTH PATCH AS DIRECTED. SEE SPECIFICATIONS



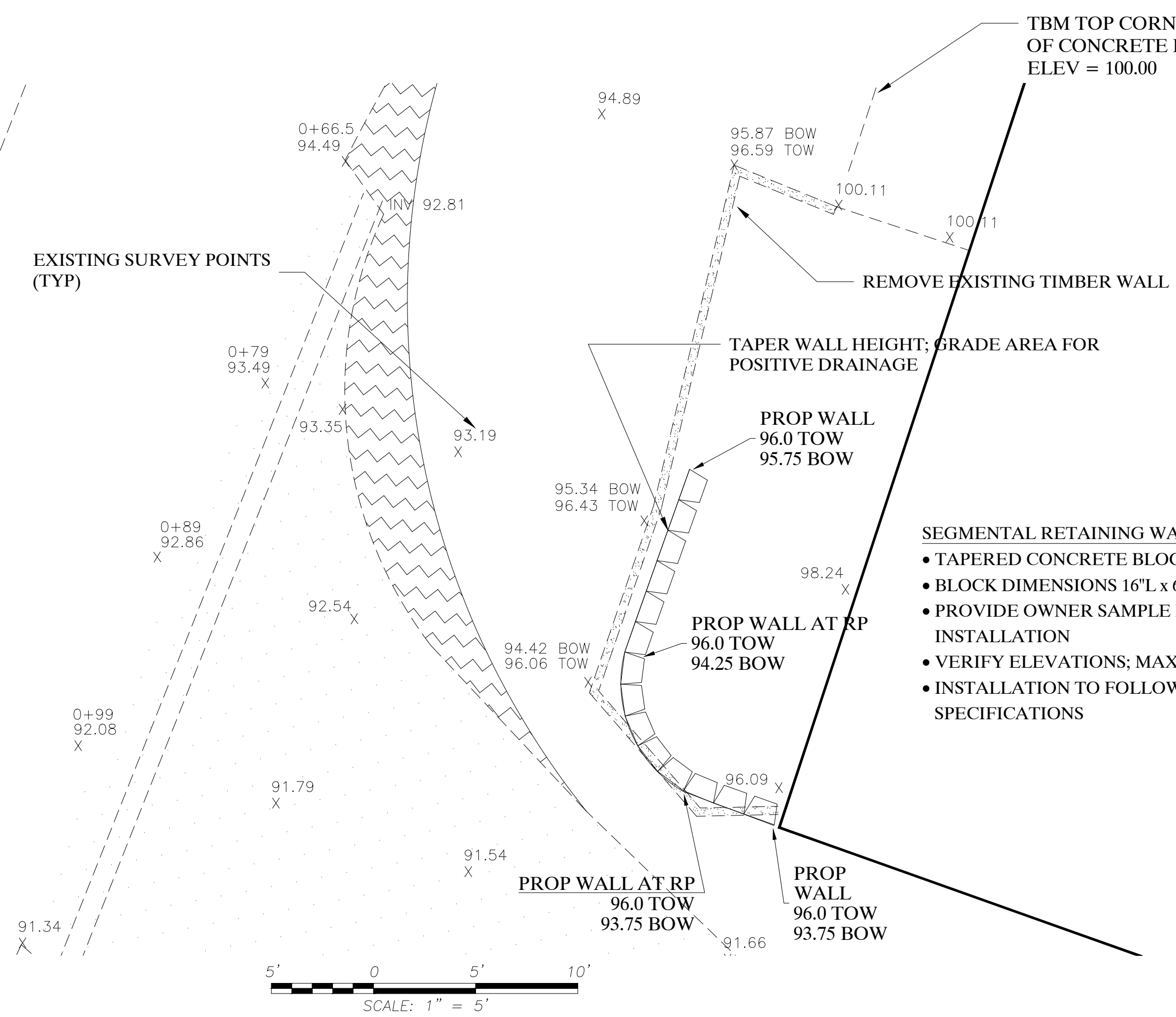
- NOTE 1 REMOVE 175 SF ASPHALT PATH AND REPLACE WITH 8 FT WIDE 4" CONCRETE SIDEWALK
- NOTE 2 ADD 16 LF 12" RCP @ 7.4%. PROPOSED INVERT 94.0 ANGLE EACH JOINT TO MAXIMIZE NEW PIPE INLET AWAY FROM DRIVEWAY. GRADE AREA TO NEW PIPE TO IMPROVE FLOW. ADD CLASS A RIPRAP TO PREVENT EROSION AT INLET AS NEEDED
- NOTE 3 ADD ASPHALT RUNOFF DIVERSION AFTER RESURFACING
- NOTE 4 CLEAN OUT EXISTING 12" PIPE. GRADE OUTFALL FOR POSITIVE DRAINAGE. CLASS B RIPRAP OUTFALL 5' X 10'
- NOTE 5 REMOVE APPROX 100 SF EXISTING ASPHALT. COORDINATE WITH F.D. HVAC CONTRACTOR FOR AREA UNDER A/C UNIT WITH 4" X 36" X 36" CONCRETE PAD
- NOTE 6 IMPROVED DRIVEWAY WITH NEW 40' RADIUS. NEW PAVEMENT SECTION IS APPROX 105 SF AREA WITH FULL DEPTH ASPHALT (3 LIFTS SURFACE, TOTAL 6") ON PREPARED SUBGRADE.

REPLACE PAVEMENT MARKINGS TO MATCH EXISTING AFTER RESURFACING. APPROX 300 LF (4 spaces for parking area and matching paint lines for fire truck bays)

REMOVE AND REPLACE 62 FT W X 30 FT CONCRETE PAD SEE HEAVY DUTY CONCRETE DETAIL

REMOVE AND REPLACE 40 FT W X 20 FT CONCRETE PAD SEE HEAVY DUTY CONCRETE DETAIL

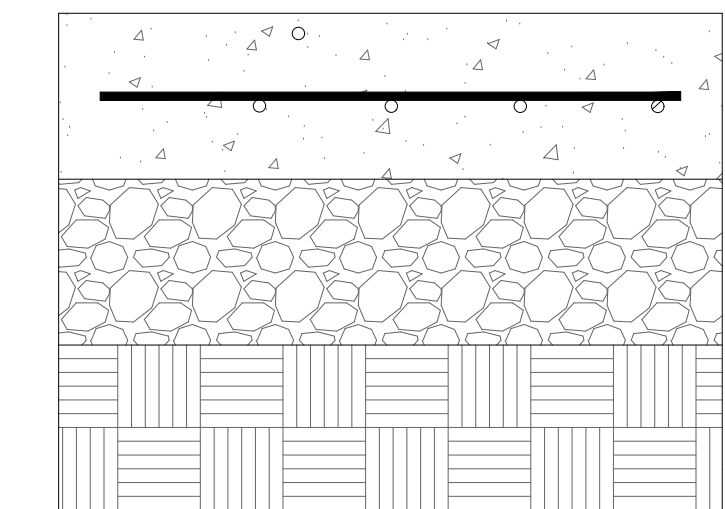
REMOVE 132 SF EX. ASPHALT SEE NOTE 5



- SEGMENTAL RETAINING WALL NOTES**
- TAPERED CONCRETE BLOCK (40 SF)
 - BLOCK DIMENSIONS 16"L x 6"H x 12"D
 - PROVIDE OWNER SAMPLE BLOCK PRIOR TO INSTALLATION
 - VERIFY ELEVATIONS; MAX HEIGHT < 30"
 - INSTALLATION TO FOLLOW MANUFACTURERS SPECIFICATIONS

GENERAL NOTES

- CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE PLAN
- QUANTITIES ARE ESTIMATED AND NEED TO BE VERIFIED BY CONTRACTOR
- SURVEY PROVIDED BY YORK COUNTY. ALL EXISTING CONDITIONS SHOULD BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
- CONTRACTOR TO COORDINATE UTILITIES BOTH ABOVE AND BELOW GRADE WITH APPLICABLE UTILITY COMPANIES AND LOCAL AGENCIES PRIOR TO CONSTRUCTION
- CONSTRUCTION LAYOUT BY CONTRACTOR
- ACCESS TO REAR PARKING AREA IS A SHARED DRIVEWAY WITH ADJACENT HOME AND TO REMAIN OPEN (OR PROVIDE TRAFFIC CONTROL).
- FIRE DEPARTMENT MUST REMAIN OPEN
- GRADING TO BE VERIFIED ON SITE BY CONTRACTOR. ALL AREAS TO HAVE POSITIVE DRAINAGE
- EROSION CONTROL AND ANY APPLICABLE PERMITS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- PROPOSED SEGMENTAL RETAINING WALL IS NOT EXPECTED TO EXCEED 3 FEET AT THE HIGHEST POINT. IF WALL EXCEEDS 4 FEET, THE CONTRACTOR IS RESPONSIBLE TO COMPLY WITH CODE REQUIRED DESIGN BY A STRUCTURAL ENGINEER AND PERMITTING PRIOR TO INSTALLATION.
- SAW CUT ALL PAVEMENT FOR CLEAN JOINTS.
- CONTRACTOR RESPONSIBLE FOR PROPER REMOVAL OF DEMO MATERIAL
- SEED & MULCH ALL DISTURBED AREAS PER SPECIFICATION.
- REFER TO COUNTY STANDARDS AND SPECIFICATIONS FOR CONSTRUCTION DETAILS.



HEAVY DUTY CONCRETE

8" CONCRETE 4000 PSI MIN. (5% AIR ENTRAPMENT) WITH W4.0 x W4.0 WELDED WIRE MAT

6" COMPACTED AGGREGATE BASE COURSE

SUBGRADE TO BE COMPACTED TO 100% DENSITY AND APPROVED BY ENGINEER

AS NOTED	REVISIONS	DATE
No.		



SCALE AS NOTED	DESIGNED BY RP, LH, TB	DRAWN BY LW	CHECKED BY RP, LH, TB
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**RIVERVIEW FIRE STATION 1
PROPOSED SITE IMPROVEMENTS**

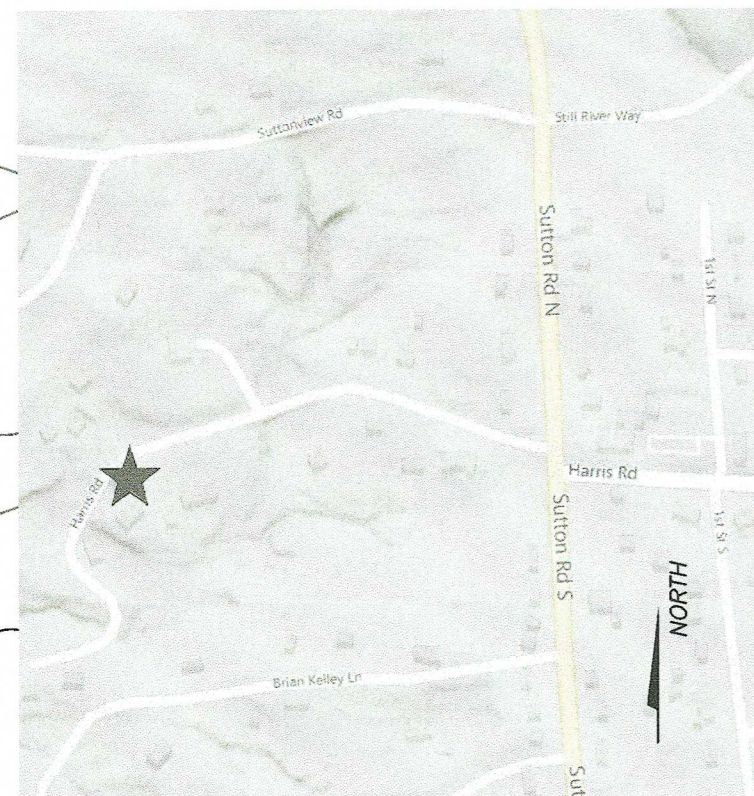
RIVERVIEW FIRE DEPARTMENT #1
1899 HARRIS ROAD FORT MILL, SC 29715
YORK COUNTY

PREPARED BY YORK COUNTY ENGINEERING
6 S CONGRESS STREET YORK, SC 29745

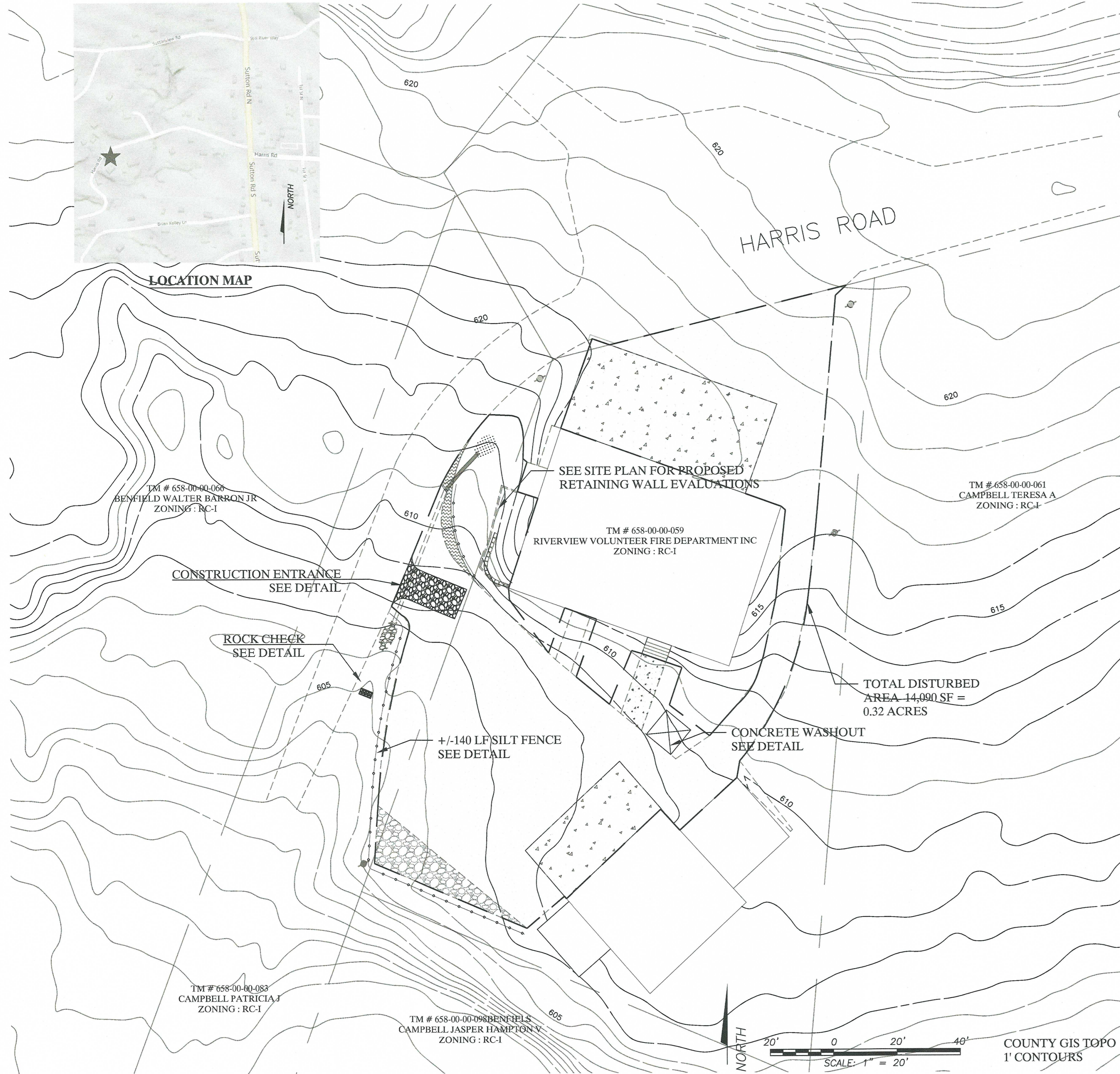
DATE June 2024
PROJECT NO. 21326
SHEET NUMBER
SITE PLAN



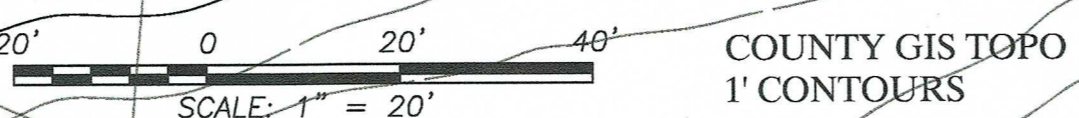
**PROJECT LOCATION:
1899 HARRIS ROAD FORT MILL SC**



LOCATION MAP



TOTAL DISTURBED AREA 14,090 SF = 0.32 ACRES



Erosion Control Notes

1. Stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than fourteen (14) days after work has ceased.
2. All erosion control devices shall be properly maintained during all phases of construction until the completion of all construction activities and all disturbed areas have been stabilized. Additional control devices may be required during construction in order to control erosion and/or offsite sedimentation. All temporary control devices shall be removed once construction is complete and the site is stabilized.
3. The contractor must take necessary action to minimize the tracking of mud onto paved roadway(s) from construction areas and the generation of dust. The contractor shall daily remove mud/soil from pavement, as may be required.
4. The following discharges from sites are prohibited: Wastewater from washout of concrete, unless managed by an appropriate control; Wastewater from washout and cleanout of construction materials; Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance; Soaps or solvents used in vehicle and equipment washing.
5. Contact York County Environmental Compliance Plan Reviewer at (803) 909-7200 if not certain which measures are needed.
6. York County Environmental Compliance Inspector may require additional measures to be installed should it be deemed necessary.

Narrative

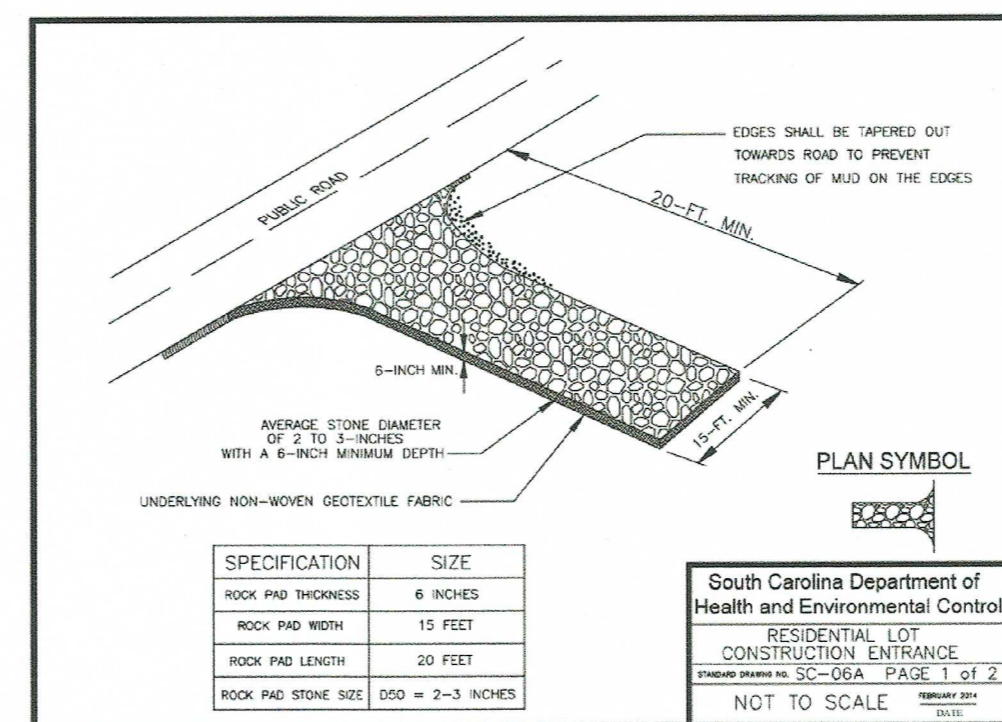
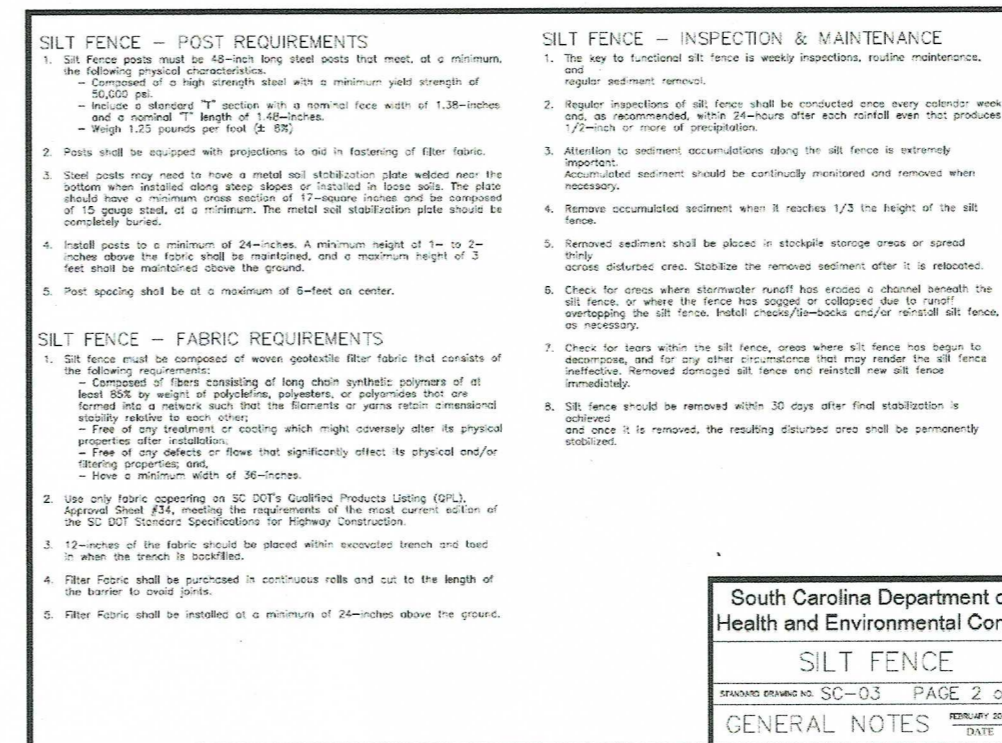
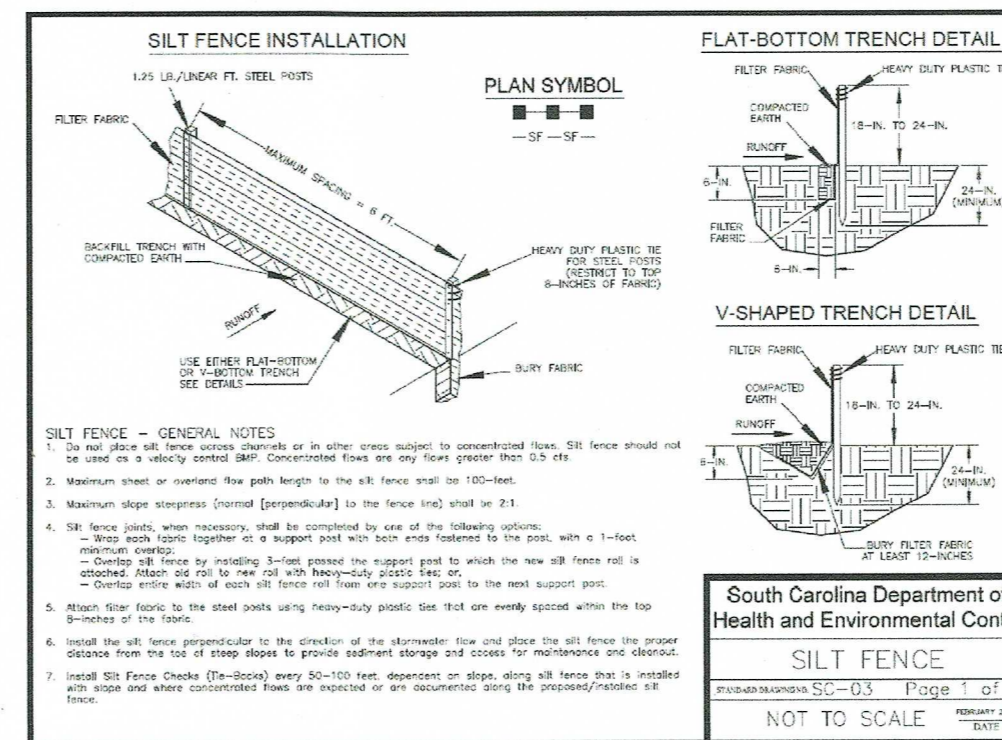
The project is located at 1899 Harris Road in Fort Mill, SC. The site is 0.6 acres and is developed and operating as Riverview Fire Station #1.

The project includes replacing the concrete pads at the fire truck bays, replacing the asphalt sidewalk with concrete, milling and resurfacing the existing parking lot, improving the driveway apron and rebuilding the small retaining wall adjacent to the building. Total disturbed area is 0.32 acres.

The contract will provide for the installation of initial storm water and sediment and erosion control (S&EC) best management practices (BMP's) to manage runoff and sediment during construction.

Offsite drainage characteristics should not change after site development. Site drainage will continue to sheet flow off-site to the rear of the property. Sediment and erosion control measures include perimeter silt fence, a stone construction entrance, rock check dam in downstream ditch and seeding disturbed areas. A concrete washout area and temporary stockpile areas are denoted on the plan.

All temporary S&EC measures will be removed once construction is complete and the site is stabilized.



Temporary Seeding - Upstate

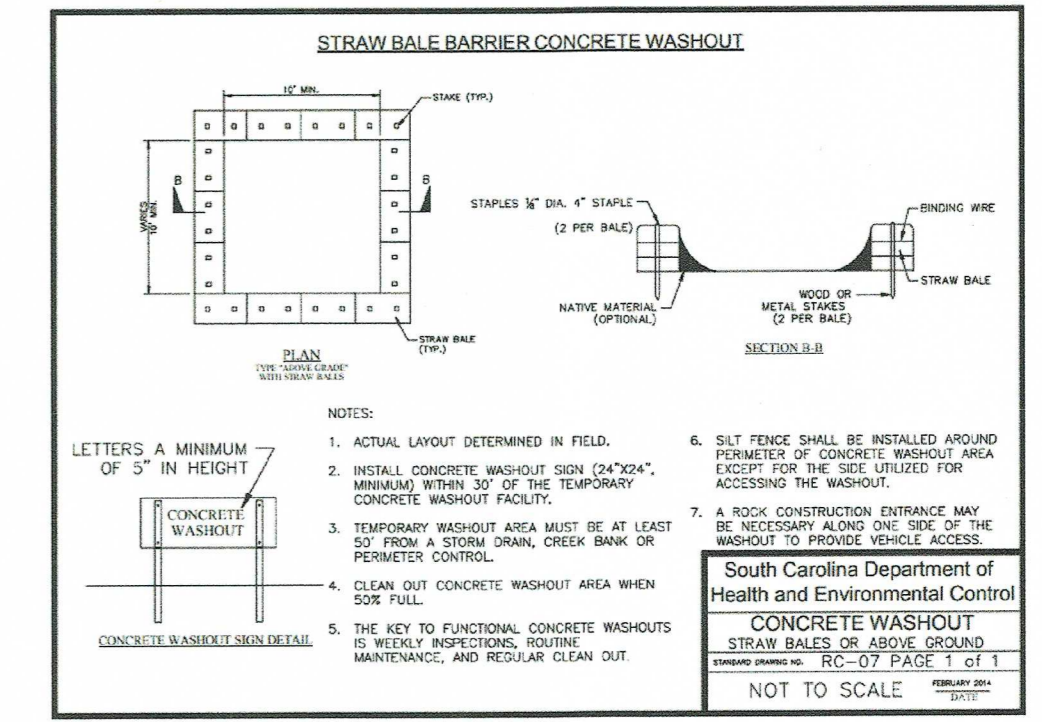
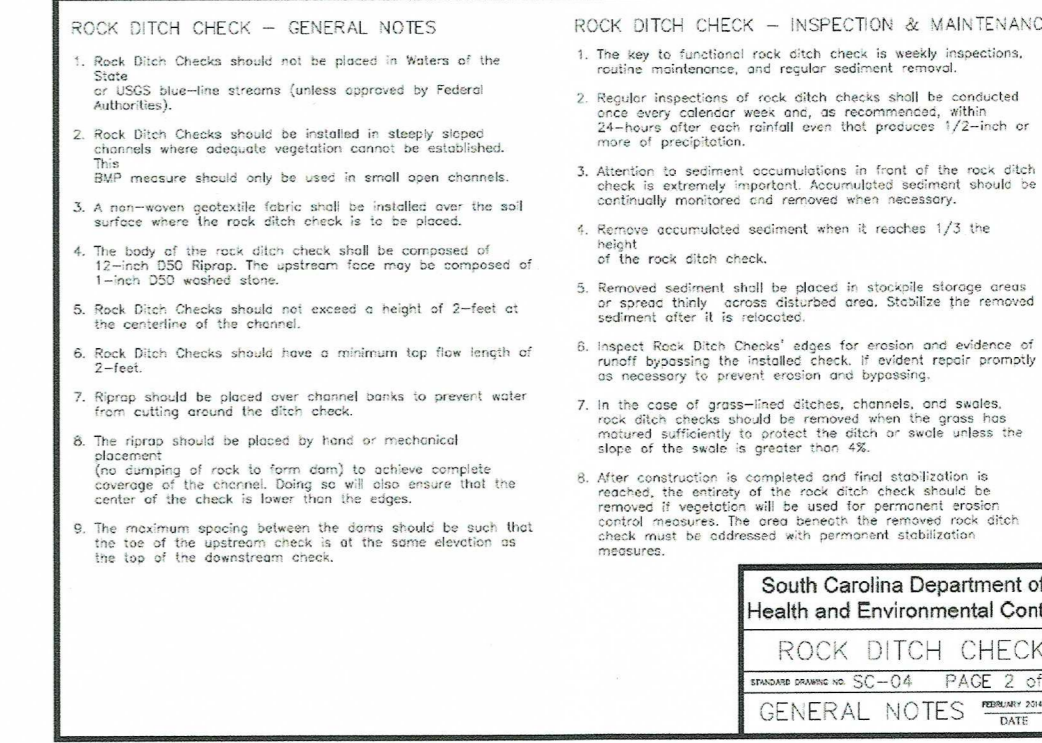
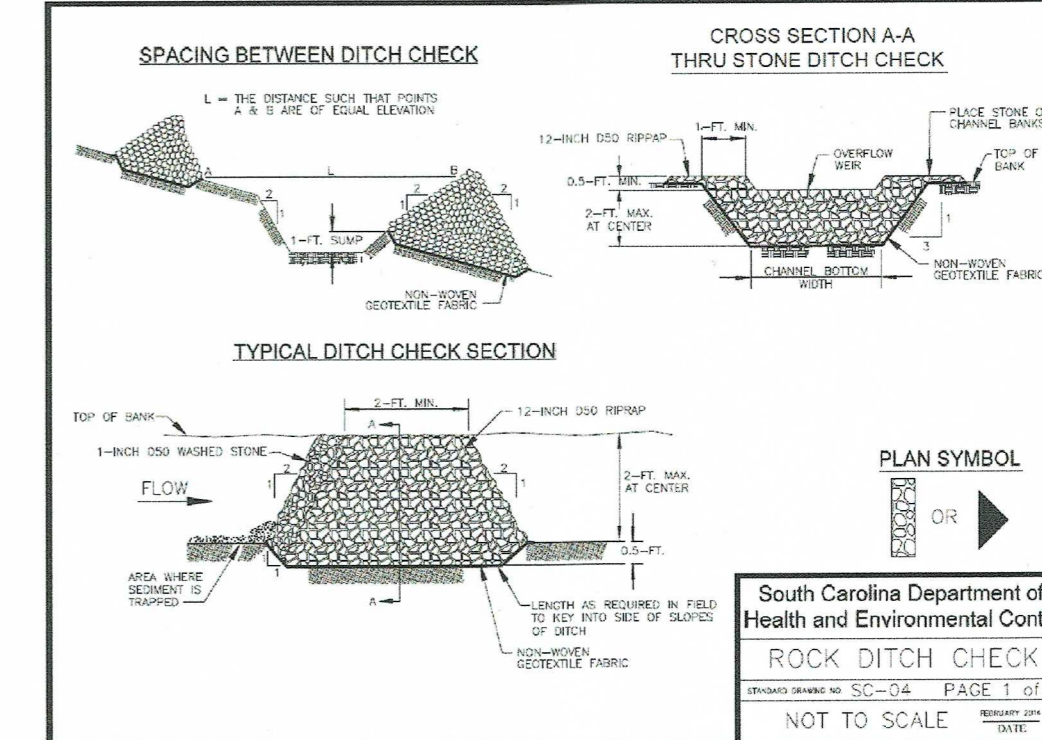
Species	Lbs./Ac	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Browntop Millet (Alone)	40												
Browntop Millet (Mix)	10												
Rye Grain (Alone)	56												
Rye Grain (Mix)	10												
Rye Grass (Alone)	50												
Rye Grass (Mix)	8												
For Steep Slopes/Cut Slopes													
Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												

ANTICIPATED START AND COMPLETION DATES
Start Date: March 2022 Completion Date: September 2022

APPLICANT'S CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I hereby certify that, to the best of my knowledge, these plans contain all information required by Chapter 152 - Stormwater Management and Sediment Control of the York County Code of Ordinances and as referenced by this application. I hereby certify that all land disturbing activities including clearing, grading, construction and/or development will be done pursuant to this plan and agree to indemnify any person damaged by failure to comply with the approved plan. York County and State of South Carolina authorities will be allowed to enter upon the project site at any reasonable time provided they present appropriate credentials.

Date: _____ Permit Applicant: Lisa Hagood, PE, County Engineer



Permanent Seeding - Upstate

Species	Lbs./Ac	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bahia Grass (Alone)	40												
Bahia Grass (Mix)	30												
Bermuda Grass (Alone)	8-12												
Bermuda Grass (Mix)	4-6												
Fescue, Tall (KY31) Alone	40												
Fescue, Tall (KY31) Mix	20												
Setaria Leptodes (Scarified) Alone or Mix (inoculate with EL Inoculant)	40												
Ladino Clover (mix only) Inoculate with AB Inoculant	2												
For Steep Slopes/Cut Slopes													
Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												
Type M Inoculant	8-10												

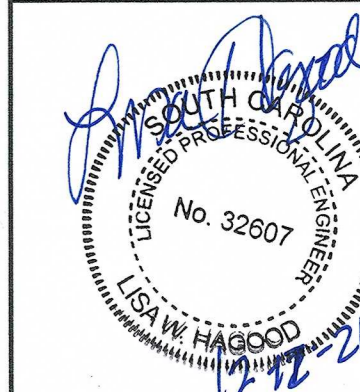
Construction Sequence

1. Contact the sediment and erosion control inspector at 803-909-7157 to set up a preliminary construction meeting 48 hours prior to any Land Disturbance.
2. Clearing and grubbing for those areas necessary for installation of erosion control measures;
3. Installation of silt fence, construction entrance and check dam;
4. Install concrete washout pit
5. Call the inspector for an inspection of sediment and erosion control measures once they are installed
6. Project construction may begin;
7. Maintain erosion control measures throughout project schedule
8. Final grading, landscaping or stabilization; and Removal of sediment controls;



Know what's below.
Call before you dig.

NO.	REVISIONS	DATE



SCALE AS NOTED
DESIGNED BY RP, LH, TB
DRAWN BY
CHECKED BY RP, LH, TB

RIVERVIEW FIRE DEPARTMENT #1
EROSION CONTROL PLAN FOR
PROPOSED SITE IMPROVEMENTS

RIVERVIEW FIRE DEPARTMENT #1
1899 HARRIS ROAD FORT MILL, SC 29715
YORK COUNTY

PREPARED BY YORK COUNTY ENGINEERING
6 S CONGRESS STREET YORK, SC 29745

DATE November 2021
PROJECT NO. 21326

SHEET NUMBER
EROSION CONTROL PLAN