



Planning & Development Services

18 W. Liberty Street

York, SC 29745

(803) 909-7200

www.yorkcountygov.com

Letter of Notification for Plan Review

Bullock's Creek VFD Building Addition

Review of:

Non-Residential Addition

Status:

Approved

prefab structure-see notes for use

To:

Lisa Hagood

York County Government

lisa.hagood@yorkcountygov.com

803-818-5733

Project:

20243741

Bullock's Creek VFD Building Addition

2250 Hwy 97

560 sf building expansion to
existing fire station

We have completed our review of the plan identified above. The plan was approved per attached comments, if any. This letter is not to be construed as a zoning compliance, grading, or building permit, certificate of occupancy, or a substitute for any permit or certificate required by any state or federal government entity.

For approved commercial civil site plans, once the owner/developer has received NPDES approval (if applicable) for the project (this is issued by SCDHEC and can take up to 14 days from the date the project is approved by York County), you may contact the Environmental Compliance Inspector listed on your approval letter to schedule the pre-construction meeting. This meeting will occur on-site with county staff members, the financially responsible person, site engineer, and the contractor (who must be licensed in South Carolina through the SC Labor Licensing Board). Your preliminary grading permit will be issued at the pre-construction meeting. Once this meeting has occurred, building permits can be applied for.

Note for online users

Building plans submitted online do not require paper copies to be submitted upon approval of the plans. Approved plans can be viewed and/or printed at www.yorkcountygov.com/permitting under applicant login.

Sincerely,

A handwritten signature in blue ink that reads "Bea McCarter".

Bea McCarter

Development Coordinator

Planning & Development Services

803-909-7238

Review Comments

Non-Residential Addition

The following comments are grouped as "Review Comments" or "Advisory Comments". "Review Comments" are items related to your plan review that require action on your part. "Advisory Comments" are informational notes that may be important in the future and are for your information.

Addressing/E-911 - Brittany Goar - brittany.goar@yorkcountygov.com -

Approved

Review Comments:

**Building & Codes - Nicole Troutman - nicole.troutman@yorkcountygov.com
- 803-909-7205**

Approved

Review Comments:

This office has reviewed the plans submitted for the project. This review does not relieve the owner, designers and contractors, nor their representatives from their responsibility to comply with applicable provisions of the York County Code of Laws. Our review is not a check of every item in these plans and does not prevent this department from requiring corrections of errors in plans or construction. Any changes/alterations to structure not noted on these plans, may void this permit. Approved - subject to compliance with all local codes and standards. Plans checked by NT and reviewed with 2021 IBC, IPC, IMC, IFGC and the 2020 NEC. DATE: July 22, 2025

Fire Safety - Donnie Helms - donnie.helms@yorkcountygov.com -

Approved

Review Comments:

Zoning - Jeff Kirchner - jeff.kirchner@yorkcountygov.com - 803-909-7232

Approved

Review Comments:

Land Development - Gage Yukob - gage.yukob@yorkcountygov.com -

Approved

Review Comments:

1. Building Permit Only. Per the information provided: In accordance with § 152.007 of the York County Code of Ordinances, land disturbance is being allowed under the Building Permit; subject to all State and County Ordinances and Regulations.

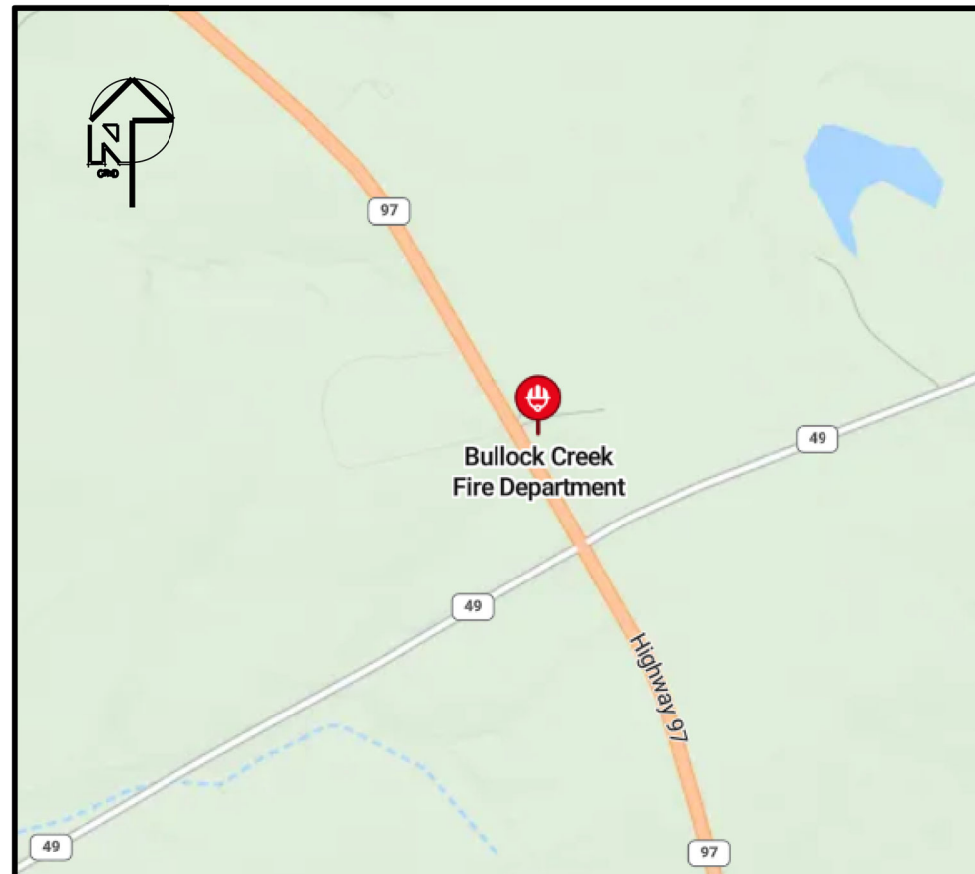
Advisory Comments:

1. Erosion Control BMPs must be installed on the site, prior to the disturbance. The Stormwater Booklet outlines the required minimum BMPs to be utilized throughout the project and regulations for erosion control. The booklet is required to stay onsite during construction of all proposed work. Access to the Stormwater Booklet can be found at the following link www.yorkcountygov.com/StormwaterBooklet .

Review Comments:

Advisory Comments:

1. This parcel is not located within the Special Flood Hazard Area (SFHA – 100-yr Floodplain).
 2. Per the Building Permit information given: This project is in compliance with § 151.07 of the York County Code of Ordinances. If additional work is proposed, further permitting may be required.
 3. Please see FEMA DFIRM Panel #45091C0245E for more details.
- Any questions may be addressed to Christine Taylor – Stormwater Plan Reviewer – by email at christine.taylor@yorkcountysc.gov.
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VICINITY MAP

<i>INDEX</i>	
<i>SHEET NO.</i>	<i>DESCRIPTION</i>

C100	COVER & NOTES
C200	EXISTING CONDITIONS
C300	OVERALL SITE PLAN
C400	UTILITY PLAN
C500	GRADING & EROSION CONTROL PLAN
C600	DETAILS

[illegible]

DATA SOURCES:
BOUNDARY: PER YORK COUNTY GIS
PROPERTY OWNERS: YORK COUNTY TAX RECORDS
PROPERTY ZONING: YORK COUNTY PLANNING & DEVELOPMENT SERVICES
PROPERTY ZONING: YORK COUNTY PLANNING & VISUAL INSPECTION
TOPOGRAPHY: BY JOEL E. WOOD & ASSOC. DATED 10/23/24
FLOOD HAZARD: NOT LOCATED IN FLOOD HAZARD AREA TO THE EXTENT SHOWN. FEMA COMMUNITY PANEL # 45091C0245E, DATED 9/26/2008

APPROVALS		 JOEL E PLANNING	
Project Engr: _____		P.O. BOX 296 CLOVER, SC 29716	
Drawn By: _____			
Checked By: _____			
Review: _____			
Bid: _____			
Construction: _____			

DEVELOPMENT STANDARDS:		
ITEM	REQUIRED	PROVIDED
LOT AREA	5.00 AC.	1.21 AC.
SITE AREA	N/A	1.21 AC.
LOT WIDTH @ FRONT BLDG. SETBACK	100 CONTINUOUS FT.	110.07 FT
STREET FRONTAGE	100 FT. MIN	189.18 FT
ROAD SETBACK	100 FT MIN.	60'
SIDE SETBACK	30 FT MIN.	30'
REAR SETBACK	30 FT MIN.	30'
DISTANCE BETWEEN BLDG'S	IBC	N/A
IMPERVIOUS SURFACE RATIO	50% MAX	29.8%
IMPERVIOUS SURFACE AREA	0.61 AC. MAX.	0.36 AC.
BUILDING HEIGHT	50 FT. MAX.	< 50'

OFF-STREET PARKING			
PARKING REQUIRED		FACTOR:	# SPACES
USE: FIRE STATION (CIVIC)	FACTORS: NOT LISTED	N/A	N/A
TOTAL SPACES REQUIRED FOR USE:			N/A

PARKING AREA SUMMARY		
ITEM	REQUIRED	PROVIDED
VAN ACCESSIBLE HC (16x19)	N/A	0
HANDICAPPED (8 w/ 5 AISLEx19)	N/A	1
PARALLEL (9x24)	N/A	0
STANDARD (9x19)	N/A	5
COMPACT (9x17)	N/A	0
TOTAL SPACES	N/A	6
INTERIOR LANDSCAPING RATIO	SEE PLANS	SEE PLANS
INTERIOR LANDSCAPING AREA	SEE PLANS	SEE PLANS
LIGHTING	NOT REQ'D. FOR NIGHT USE	(SEE PLAN)
SURFACE	PAVED OR GRAVEL	SEE PLANS
NO NEW SIGNAGE TO BE PERMITTED		

BUFFERYARDS			
PROPOSED USE	ADJOINING USE	LANDSCAPED YARD	
		REQUIRED	PROVIDED
FIRE STATION (CIVIC)	MAJOR RD	EXEMPT*	N/A
	MINOR RD	EXEMPT*	N/A
	UNDEVELOPED	EXEMPT*	N/A
	SINGLE-FAMILY	EXEMPT*	N/A

* NO PERMITTER & RIGHT-OF-WAY BUFFERYARDS REQUIRED PER YORK COUNTY ZONING ORDINANCE 155.820. THE PROPOSED BUILDING EXPANSION WILL NOT CHAGNE THE GROSS FLOOR AREA BY MORE THAN 35% AS SHOWN IN TABLE 155.820-1.

PREPARED BY WOOD & ASSOCIATES • ENGINEERING • MANAGEMENT	
(803) 684-3390	

GENERAL NOTES:

DEVELOPER: BULLOCK'S CREEK VOLUNTEER FIRE DEPARTMENT
CONTACT: FRANK DUNCAN
2250 HWY 97
SHARON, SC 29742
PHONE NUMBER: (803) 627-0403

PROPERTY OWNER: BULLOCK'S CREEK VOLUNTEER FIRE DEPARTMENT
2250 HWY 97
SHARON, SC 29742
DEED BOOK N/A, PLAT BOOK N/A

PERSON RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING
STORMWATER MANAGEMENT & SEDIMENT REDUCTION PLAN:
(SAME AS DEVELOPER)

TAX PARCEL NUMBER: 116-00-00-003

ZONING DISTRICT: AGC

EXISTING STRUCTURES: (SEE PLAN)

PROPOSED STRUCTURES: FIRE DEPARTMENT BUILDING ADDITION

EASEMENTS: (SEE PLAN)

RIGHTS-OF-WAY: (SEE PLAN)

DRAINAGE WAYS: (SEE PLAN)

FLOODWAYS: (SEE PLAN)

WETLANDS: PROJECT WILL COMPLY WITH ALL LOCAL, STATE,
AND FEDERAL REGULATIONS REGARDING PRESER-
VATION OF WETLANDS.

SIGNAGE: NO NEW SIGNAGE TO BE PERMITTED

ROAD IMPROVEMENTS: NO ROAD IMPROVEMENTS PROPOSED

ON SITE WASTE DISPOSAL: NO WASTE TO BE BURIED ON SITE

CONSTRUCTION TO BEGIN APPROXIMATELY AS PER THE
FOLLOWING SCHEDULE:

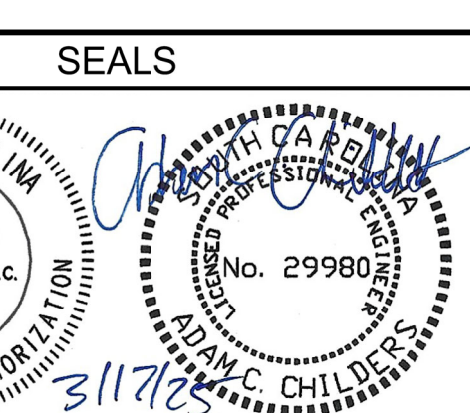
BEGIN:	APRIL 15, 2025
END:	OCTOBER 15, 2025

EROSION CONTROL NOTES

1. IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS. IN ADDITION TO HYDROSEEDING, IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY DRAINAGE SYSTEMS SHALL BE MAINTAINED UNTIL THE SLOPE IS READY FOR PERMANENT STABILIZATION.
2. 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, EXCEPT AS STATED BELOW.
 - a) WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
 - b) WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
3. PERMIT AND EROSION CONTROL DEVICES SHALL BE INSPECTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK, WITH NO TIME PERIOD BETWEEN INSPECTIONS EXCEEDING 9 DAYS, AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY, OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
4. THE CONTRACTOR SHALL MAINTAIN ALL DISTURBED AREAS TO BE REQUIRMENT FOR EROSION CONTROL. SOIL PROTECTION DURING UTILITY CONSTRUCTION, ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
5. ALL EROSION CONTROL DEVICES SHALL BE PERMANENTLY 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 EROSION CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
6. THE CONTRACTOR SHALL TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAYS (S) FROM THE CONSTRUCTION AREA AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
7. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN A PERMIT FOR AN ALTERNATE PLAN IN ACCORDANCE WITH A.C.S. 72-300 ET SEQ. AND S.C.R. 58-01.
8. TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
9. ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE ADJACENT DRAINAGE BASIN. A DRAINAGE BASIN IS TO BE IDENTIFIED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
10. LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTION SOURCE IN STORM WATER DISCHARGES.
11. A COPY OF THE SWPPP, INSPECTION RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FORM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
12. INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND DISTURBING ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
13. MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
14. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
15. THE DISCHARGE OF POLLUTANTS FROM OVERFLOWING OF TRENCHES AND EXCAVATED AREAS, THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPs (SEDIMENT BASIN, FILTER BAY, ETC.).
16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED: a) WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL; b) WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE AGENT, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS; c) FUELS, OILS, OR POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATIONS AND MAINTENANCE; AND d) SOAP OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
17. AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
18. IF EXISTING BMP'S NEED TO BE MODIFIED OR IF ADDITIONAL BMP'S ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM

EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMP'S MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.

19. A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

SEALS 	PROJECT
	BULLOCK'S CREEK VFD BUILDING ADDITION YORK COUNTY, SOUTH CAROLINA PREPARED FOR BULLOCK'S CREEK VOLUNTEER FIRE DEPARTMENT

CONSTRUCTION SEQUENCE

1. RECEIVE LAND DISTURBANCE PERMIT FROM YORK COUNTY.
2. CONTACT THE SEDIMENT AND EROSION CONTROL INSPECTOR AT 803-809-7157 TO SET UP A PRELIMINARY CONSTRUCTION MEETING 48 HOURS PRIOR TO STARTING WORK.
3. INSTALLATION OF CONSTRUCTION ENTRANCES(S).
4. CLEARING AND GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
5. INSTALLATION OF PERIMETER CONTROLS (E.G., SILT FENCE).
6. CONSTRUCTION OF BUILDING EXPANSION.
7. FINE GRADING, PAVING, ETC.
8. PERMANENT/ FINAL STABILIZATION.
9. REMOVAL OF TEMPORARY SEDIMENT & EROSION CONTROL MEASURES AFTER ENTIRE AREA DRAINING TO THE STRUCTURE IS FINALLY STABILIZED) (THE DEPARTMENT RECOMMENDS THAT THE PROJECT OWNER/ OPERATOR HAVE THE SWPPP PREPARER OR REGISTRATION EQUIVALENT APPROVE THE REMOVAL OF TEMPORARY STRUCTURES).

SITE DEVELOPMENT NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT PUPS AT (888) 721-7877 BEFORE DIGGING AS REQUIRED BY LAW.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND SHALL COMPLY WITH ALL LOCAL STATE AND FEDERAL LAWS AND GUIDELINES.
3. TRAFFIC CONTROL SHALL COMPLY WITH THE "UNIFORM TRAFFIC CONTROL MANUAL" AND ALL SPECIFIC REQUIREMENTS ESTABLISHED IN ENCRoACHMENT PERMITS.
4. THE CONTRACTOR SHALL KEEP COPIES OF ALL APPROVED PLANS AND PERMITS AVAILABLE AT THE SITE AT ALL TIMES.
5. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING ELEVATIONS AT ALL TIE-IN POINTS FOR GRADING, DRIVEWAYS, AND UTILITIES PRIOR TO COMMENCING WITH THE PROPOSED CONSTRUCTION. IF DISCREPANCIES OR CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
6. ANY DEVIATION FROM THE APPROVED PLANS WITHOUT WRITTEN VERIFICATION IS AT THE SOLE RISK OF THE CONTRACTOR.
7. ALL PARKING SPACES SHALL HAVE WHEEL STOPS OR CONCRETE CURB AND GUTTER.
8. ALL STRIPING SHALL BE MINIMUM 4" WIDE LINES PAINTED WITH AN APPROVED TRAFFIC TYPE PAINT.
9. SIGNAGE FOR THE PROJECT SHALL BE PROVIDED BY THE CONTRACTOR.
10. THE SITE WILL BE UTILIZED AT NIGHT. (LIGHTING WILL BE PERMITTED SEPARATELY BY THE ARCHITECT OR LIGHTING CONSULTANT. EQUIPMENT FOR LIGHTING PARKING FACILITIES WILL BE ARRANGED SO THAT LIGHT DOES NOT INTERFERE WITH TRAFFIC. IS SHIELDED OR DIRECTED AWAY FROM ADJOINING RESIDENCES AND PRODUCES NO GLARE ACROSS RESIDENTIAL PROPERTY BOUNDARIES.)
11. THERE SHALL BE NO ON-SITE DISPOSAL OF DEBRIS, CELLULOSE MATERIAL, OR OTHER WASTE.
12. THIS PROJECT WILL NOT BE IMPACTED BY LONG RANGE ROAD PLANS.
13. AREAS ADJACENT TO CURB CUTS SHALL BE LANDSCAPED OR HAVE CURBING INSTALLED TO CONTROL VEHICLES AND PEDESTRIAN ACCESS.
14. ALL UTILITY SERVICES SHALL BE PLACED UNDERGROUND OR ACCESSED FROM REAR PROPERTY LINES.
15. LOADING DOCKS AND DUMPSTERS WILL BE SCREENED FROM PERPENDICULAR VIEW OF ARTERIAL TRAFFIC FLOW.
16. NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL THE PROPOSED DEVELOPMENT IS IN COMPLIANCE WITH THE APPROVED PLAN.
17. ADDITIONAL INFORMATION WILL BE REQUIRED FOR YORK COUNTY BUILDING AND CODES ON HANDICAP PARKING.
18. THE SITE IS SUBJECT TO THE YORK COUNTY TREE ORDINANCE. (SEE LANDSCAPE NOTES FOR ADDITIONAL INFORMATION).
19. ALL TREES WILL BE PLANTED IN ACCORDANCE WITH THE TREE ORDINANCE AND SHALL MEET THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI, PART 1).
20. ALL TREES ARE TO BE NURSERY GROWN, BURLAP AND BALL (B&B) PREFERRED. MINIMUM TREE SIZE IS 2 INCH CALIPER (MEASURED 6" ABOVE ROOT BALL), 8" MINIMUM HEIGHT FOR SINGLE STEM.
21. ALL TREES ARE TO BE NURSERY GROWN, BURLAP AND BALL (B&B) PREFERRED. MINIMUM TREE SIZE IS 3 FEET IN HEIGHT, WITH A MAXIMUM OF THREE TO FIVE STEMS OR TRUNKS.
22. PLANTING SHALL MEET STANDARD PLANTING DETAILS (TREE ORDINANCE GUIDELINES APPENDIX). EACH TREE SHALL BE ADEQUATELY WATERED AND MULCHED. STAKING AND GUYING ARE OPTIONAL. TRUNK WRAP CAN BE USED BUT IS NOT ENCOURAGED. NO EXPOSED WIRES SHALL DIRECTLY TOUCH TREE TRUNK OR BRANCHES.
23. THE MAINTENANCE OF REQUIRED BUFFERWAYS WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER. ALL SUCH YARDS WILL BE PROPERLY MAINTAINED SO AS TO ASSURE CONTINUED BUFFERING. DEAD TREES WILL BE REMOVED. DEAD TREES AND LITTER WILL BE CLEANED; AND FENCES WILL BE MAINTAINED AT ALL TIMES. THE OWNER IS TO SOON NOTIFY THE OWNER OF THIS CHAPTER AND BE REMEDIED BY THE ZONING ADMINISTRATOR IN THE MANNER PRESCRIBED FOR OTHER VIOLATIONS.
24. PROPERTY OWNERS MUST FOLLOW A ROUTINE SCHEDULE OF WATERING, FERTILIZATION, PEST CONTROL AND PRUNING. PERIODICALLY AFTER THE DATE OF ORIGINAL APPROVAL OF THE DEVELOPMENT, THE SITE SHALL BE RE-INSPECTED FOR CONTINUED COMPLIANCE WITH THE ORIGINAL REQUIREMENTS OF THIS CHAPTER. INSPECTIONS ARE DETERMINED TO BE DEAD, DISEASED, DAMAGED OR MALNOURISHED ACCORDING TO GUIDELINE A, SHALL BE CORRECTED.
25. TREES THAT DIE AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE TO THESE SPECIFICATIONS SHALL BE REMOVED AND REPLACED BY THE OWNER WITH A NEW TREE PLANTER PER MITIGATION TREE CHART IN THE TREE ORDINANCE GUIDELINES APPENDIX, AND REPLACED BY THE APPROPRIATE AGENCY AUTHORITY.
26. THE TYPE OF OPEN SPACE PROVIDED IS BUFFERS. OPEN SPACE WILL BE OWNED, MAINTAINED, AND ADMINISTERED BY THE PROPERTY OWNER.
27. LAND DESIGNATED AS COMMON OPEN SPACE MAY NOT BE SEPARATELY SOLD OR DEVELOPED. OPEN SPACE AREAS SHALL BE MAINTAINED SO THAT THEIR USE AND ENJOYMENT AS OPEN SPACE ARE NOT DIMINISHED OR DESTROYED.
28. THE DEVELOPER OR PROPERTY OWNER, BASED ON INFORMATION PROVIDED, HAS CONFIRMED THROUGH A TITLE SEARCH AND A REVIEW OF THE HISTORIC SURVEY OF YORK COUNTY MAINTAINED BY THE YORK COUNTY CULTURAL AND HERITAGE COMMISSION STAFF THAT NO KNOWN ABANDONED CEMETERIES EXIST ON THE PROPERTY.

CERTIFICATION

APPLICANT'S CERTIFICATION:

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECT SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THE DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSIFIED 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 CHESAPEAKE STORMWATER MANAGEMENT AND SEDIMENT CONTROL OF THE YORK COUNTY COUNTY CODE OF ORDINANCES AND AS REFERRED TO BY APPLICANT. I HEREBY CERTIFY THAT ALL LAND DISTURBING ACTIVITIES INCLUDING CLEARING, GRADING, CONSTRUCTION AND DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND AGREE TO INDEMNIFY ANY PERSON DAMAGED BY FAILURE TO FOLLOW THE APPROVED PLAN. COUNTY AND STATE AUTHORITIES WILL BE ALLOWED TO ENTER UPON THE PROJECT SITE AT ANY TIME WITHOUT NOTICE PROVIDED THEY PRESENT APPROPRIATE CREDENTIALS.

11/26/24
DATE _____
PERMIT APPLICANT _____

DESIGN PROFESSIONAL'S CERTIFICATION:

I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 OF THE CODE OF LAWS OF SC, 1976 AS AMENDED, PURSUANT TO REGULATION 15.00000 (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000. I ALSO CERTIFY THAT THIS PLAN IS TO BE USED TO OBTAIN PERMITS FOR THE PROJECT CONCERNED AND TO PROVIDE FOR THE CONTROL OF STORMWATER RUNOFF FROM THE PROJECT AND THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL THE PROVISIONS ARE IN ACCORDANCE WITH CHESAPEAKE STORMWATER MANAGEMENT AND SEDIMENT CONTROL OF THE YORK COUNTY COUNTY CODE OF ORDINANCES.

3/17/25
DATE _____
REGISTERED PROFESSIONAL ENGINEER _____

STABILIZATION REQUIREMENTS

FERTILIZER - APPLY A MINIMUM OF 1,000 POUNDS PER ACRE OF COVER CROP FERTILIZER (23 POUNDS PER 1000 SQUARE FEET) OF GRASSES UNLESS A SOIL TEST INDICATES A DIFFERENT REQUIREMENT. APPLY A MINIMUM OF 500 POUNDS PER ACRE OF 10-10-10 FERTILIZER (15 POUNDS PER 1000 SQUARE FEET) OR EQUIVALENT DURING TEMPORARY SEEDING UNLESS A SOIL TEST INDICATES A DIFFERENT REQUIREMENT. INCORPORATE FERTILIZER AND LIME INTO THE TOP 2 INCHES OF THE SOIL BY DISKING OR OTHER MEANS WHERE CONDITIONS ALLOW. DO NOT MIX THE LIME AND FERTILIZER PRIOR TO THE FIELD APPLICATION.

THE MOST COMMONLY ACCEPTED MULCH USED IN CONJUNCTION WITH PERMANENT SEEDING IS SMALL GRAIN STRAW. SELECT STRAW THAT IS DRY AND FREE FROM MOLD DAMAGE AND NOXIOUS WEEDS. THE STRAW MAY NEED TO BE ANCHORED WITH NETTING OR ASPHALT EMULSIONS TO PREVENT IT FROM BEING BLOWN OR WASHED AWAY. APPLY STRAW MULCH BY HAND OR MACHINE AT THE RATE OF 2 TONS PER ACRE (90 POUNDS PER 1,000 SQUARE FEET). FREQUENT INSPECTIONS ARE NECESSARY TO CHECK THAT CONDITIONS FOR GROWTH ARE GOOD.

LIME - LIME IS NOT REQUIRED FOR TEMPORARY SEEDING UNLESS A SOIL TEST SHOWS THE SOIL PH IS BELOW 5.0. IT MAY BE DESIRABLE TO APPLY LIME DURING THE TEMPORARY SEEDING OPERATION TO BENEFIT THE LONG-TERM PERMANENT SEEDING. APPLY A MINIMUM OF 1.5 TONS OF LIME/ACRE (70 POUNDS PER 1,000 SQUARE FEET) IF IT IS TO BE USED. UNLESS A SPECIFIC SOIL TEST RECOMMENDATION IS MADE, USE A FINE GROUND COURSE TEXTURED AGRICULTURAL LIME PER ACRE (70 POUNDS PER 1,000 SQUARE FEET) FOR PERMANENT SEEDING.

SEEDING - LOOSEN THE SURFACE OF THE SOIL JUST BEFORE BROADCASTING THE SEED. EVENLY APPLY SEED BY THE MOST CONVENIENT METHOD AVAILABLE FOR THE TYPE OF SEED. APPLY SEED TO THE LOCATION OF THE SEEDING. TYPE TO SEED BY APPLICATION METHODS WHICH ARE NOT LIMITED TO CYCLONE SEEDERS, DROP SPREADERS, BROADCAST SPREADERS, HAND SPREADERS, CULPICKAKER SEEDER, AND HYDRO-SEEDERS. COVER APPLIED SEED BY RAKING OR DRAGGING A CHAIN OR BRUSH MAT. AND THEN LIGHTLY FIRM THE AREA WITH A ROLLER OR CULPICKAKER. DO NOT ROLL SEED THAT IS APPLIED WITH A HYDRO-SEEDER AND HYDRO-MULCH.

IRRIGATION - KEEP PERMANENT SEEDED AREAS ADEQUATELY MOIST. IRRIGATE THE SEEDED AREA IF NORMAL RAINFALL IS NOT ADEQUATE FOR THE GERMINATION AND GROWTH OF SEEDLINGS. PERMANENT SEEDING AREAS SHOULD BE CONTROLLED RATES THAT ARE LESS THAN THE RATE AT WHICH THE SOIL CAN ABSORB WATER TO PREVENT RUNOFF. RUNOFF OF IRRIGATION WATER WASTES WATER AND CAN CAUSE EROSION.

RE-SEEDING - RE-SEED AREAS WHERE SEEDING DOES NOT PRODUCE A THICK ENOUGH OR ADEQUATELY TO PREVENT EROSION. INSPECT SEEDED AREAS FOR FAILURE. MAKE NECESSARY REPAIRS AND RE-SEED OR OVERSEED WITH THE SAME GROWING SEED IF POSSIBLE. IF THE GRASS COVER IS POOR OR PATCHY, RE-EVALUATE THE CHOICE OF GRASS AND QUANTITIES OF LIME AND FERTILIZER APPLIED. FINAL STABILIZATION BY PERMANENT SEEDING REQUIRES THAT IT BE COVERED BY A 70% COVERAGE RATE.

INSPECTION & MAINTENANCE - INSPECT EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES 1/2 INCH OR MORE OF PRECIPITATION. INSPECTIONS SHOULD VERIFY THAT CONDITIONS FOR GROWTH ARE GOOD.

MULCHING - COVER ALL SEEDED AREAS WITH MULCH IMMEDIATELY UPON COMPLETION OF THE SEEDING. APPLICATION TO RETAIN SOIL MOISTURE AND REDUCE EROSION DURING ESTABLISHMENT OF VEGETATION. APPLY THE MULCH EVENLY IN SUCH A MANNER THAT IT PROVIDES A MINIMUM 75% COVERAGE. TYPICAL MULCH APPLICATIONS INCLUDE STRAW, WOOD FIBER, HYDROMULCHES, BFM, AND FGM. USE HYDROMULCHES WITH A MINIMUM BLEND OF 70% WOOD FIBERS.

THE MOST COMMONLY ACCEPTED MULCH USED IN CONJUNCTION WITH PERMANENT SEEDING IS SMALL GRAIN STRAW. SELECT STRAW THAT IS DRY AND FREE FROM MOLD DAMAGE AND NOXIOUS WEEDS. THE STRAW MAY NEED TO BE ANCHORED WITH NETTING OR ASPHALT EMULSIONS TO PREVENT IT FROM BEING BLOWN OR WASHED AWAY. APPLY STRAW MULCH BY HAND OR MACHINE AT THE RATE OF 2 TONS PER ACRE (90 POUNDS PER 1,000 SQUARE FEET). FREQUENT INSPECTIONS ARE NECESSARY TO CHECK THAT CONDITIONS FOR GROWTH ARE GOOD.

MATTING - ECBs ARE USED FOR THE TEMPORARY STABILIZATION OF SOIL IMMEDIATELY FOLLOWING SEEDING UNTIL THE VEGETATIVE COVER HAS GROWN AND BECOME ESTABLISHED. ECBs PROVIDE TEMPORARY PROTECTION BY DEGRADING OVER TIME. CLASS "A" ECBs SHALL BE USED FOR SLOPE APPLICATIONS 2H:1V OR FLATTER. CLASS "B" ECBs ARE FOR CHANNEL APPLICATIONS WITH SHEAR STRESS LESS THAN 1.75 POUNDS PER SQUARE FOOT. TRMs ARE USED WHERE VEGETATION ALONE WILL NOT HOLD A SLOPE OR STREAMBANK. TRMS ENABLE THE USE OF SOLUTIONS IN LIEU OF A HARD LINED CHANNEL. TYPE 1 TRMS SHOULD BE PLACED ON SLOPES 2H:1V OR FLATTER OR IN CHANNELS WHERE THE CALCULATED SHEAR STRESS IS 4 POUNDS PER SQUARE FOOT OR LESS AND THE DESIGN VELOCITY IS UP TO 15 FEET PER SECOND. TYPE 3 TRMS SHOULD BE USED ON SLOPES 1.5:1V OR FLATTER OR IN CHANNELS WHERE THE CALCULATED DESIGN SHEAR STRESS IS 8 POUNDS PER SQUARE FOOT OR LESS AND THE DESIGN FLOW VELOCITY IS UP TO 15 FEET PER SECOND. TYPE 3 TRMS SHOULD BE USED ON SLOPES 1H:1V OR FLATTER OR IN CHANNELS WHERE THE CALCULATED DESIGN SHEAR STRESS IS 8 POUNDS PER SQUARE FOOT OR LESS AND THE DESIGN FLOW VELOCITY IS UP TO 20 FEET PER SECOND.

MISCELLANEOUS - ESTABLISHED LAWNS AND LANDSCAPED AREAS DAMAGED BY CONSTRUCTION SHALL BE RESTORED TO THEIR FORMER CONDITION.

GROWTH OF RYE GRASS IN EARLY SPRING MUST BE SUPPRESSED TO PREVENT RYE FROM CHOKING OUT PERMANENT GRASS SUCH AS BERMUDA, BAHIA, OR FESCUE.

FILL, COVER AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED.

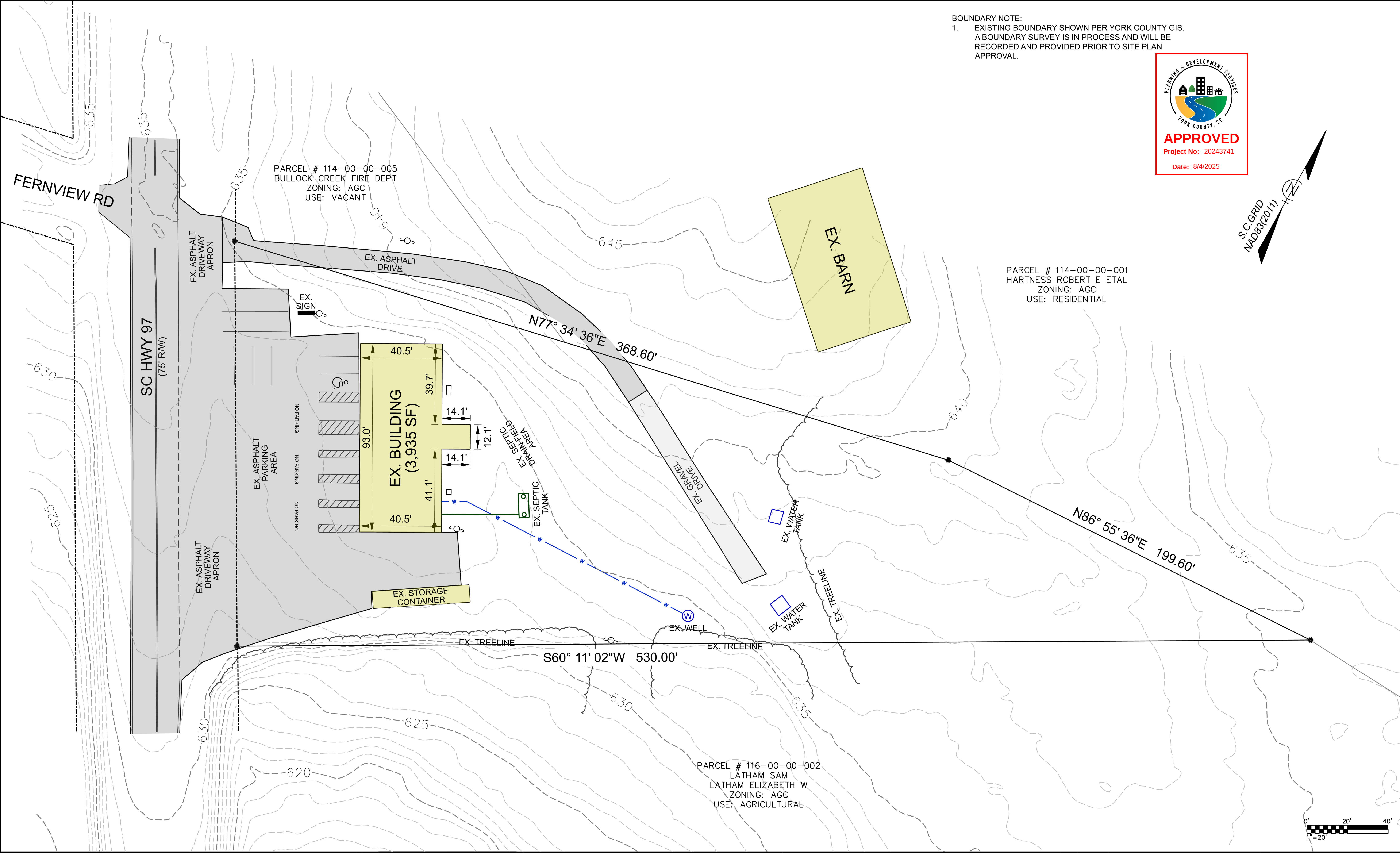
YORK STORMWATER ORD. NOTES:

1. FOLLOWING THE PRE-CONSTRUCTION CONFERENCE, CONTACT YORK COUNTY ENVIRONMENTAL COMPLIANCE AT (803) 909-7250 NOT LESS THAN 48 HOURS BEFORE COMMENCEMENT OF THE LAND-DISTURBING ACTIVITY. THE PERMITTEE SHALL ALSO CONTACT YORK COUNTY AFTER THE REMOVAL OF THE TEMPORARY SEDIMENT CONTROL MEASURES AND THE CONVERSION OF ANY BMPs REQUIRED TO BE CONVERTED INTO PERMANENT CONTROL MEASURES, ONCE THE SITE HAS BEEN FINALLY STABILIZED.
2. NO WORK OF WORK, RELATED TO THE CONSTRUCTION OF STORMWATER MANAGEMENT FACILITIES, SHALL PROCEED TO THE NEXT SUBSEQUENT STAGE OF WORK, ACCORDING TO THE SEQUENCE SPECIFIED IN THE APPROVED C-SWPPP STAGED CONSTRUCTION AND INSPECTION CONTROL SCHEDULE UNTIL IT IS INSPECTED AND APPROVED BY YORK COUNTY.
3. THE PERMITTEE ENGAGED IN OR CONDUCTING THE LAND-DISTURBING ACTIVITY SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES AND FACILITIES DURING THE DEVELOPMENT OF A SITE, AS REQUIRED BY THE APPROVED PLAN OR ANY PROVISION OF THE YORK COUNTY STORMWATER ORDINANCE. OPERATIONS AND MAINTENANCE CONDITIONS SHALL BE INCLUDED IN THE PLAN OUTLINING HOW THE PERMITTEE AND OWNER INTENDS TO PROVIDE FOR OPERATIONS AND MAINTENANCE DURING AND POST CONSTRUCTION;
4. STOCKPILES SHALL BE TEMPORARY AND SHALL BE LEVELED TO CONFORM TO SURROUNDING ELEVATION AS A PRECONDITION FOR ANY OF THE FOLLOWING, WHICHEVER OCCURS FIRST:
A REQUEST FOR A NOTICE OF TERMINATION, OR;
A REQUEST FOR YORK COUNTY ACCEPTANCE OF A ROAD OR STREET IN ACCORDANCE WITH THE ROAD/STREET ACCEPTANCE REQUIREMENTS OF CHAPTER 15A SUBDIVISION CODE OF THE YORK COUNTY CODE OF ORDINANCES.
5. AREAS AT FINAL GRADE SHALL RECEIVE PERMANENT STABILIZATION MEASURES WITHIN 14 CALENDAR DAYS OF REACHING FINAL GRADE;
6. THE RESPONSIBILITY FOR MAINTAINING ALL PERMANENT EROSION AND SEDIMENT CONTROL MEASURES AND FACILITIES, INCLUDING EASEMENTS, AFTER SITE LAND-DISTURBING ACTIVITY IS COMPLETED SHALL LIE WITH THE LANDOWNER OR PERSON IN POSSESSION OR CONTROL INCLUDING THE DEVELOPER, THE DEVELOPER'S DESIGNEE, OR ANY HOMEOWNER'S ASSOCIATION, PROPERTY OWNER'S ASSOCIATION OR OTHER COMMON OWNER ENTITY ESTABLISHED FOR THE GOVERNANCE/ADMINISTRATION OF A SUBDIVISION OR COMMON PLAN OF DEVELOPMENT, EXCEPT FACILITIES AND MEASURES INSTALLED WITHIN ROAD OR STREET RIGHTS-OF-WAY OR EASEMENTS ACCEPTED FOR MAINTENANCE BY YORK COUNTY.
7. APPROVED PLANS REMAIN VALID FOR FIVE YEARS FROM THE DATE OF AN APPROVAL.

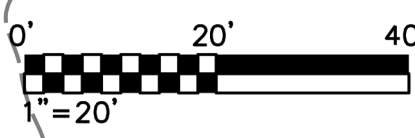
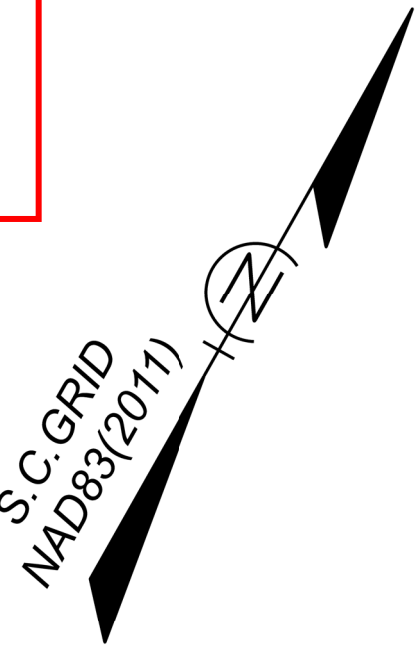


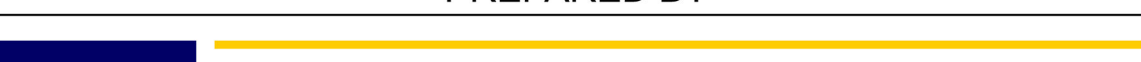
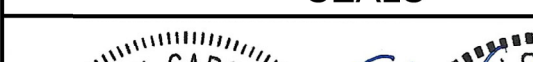
Know what's below.
Call 811 before you dig.

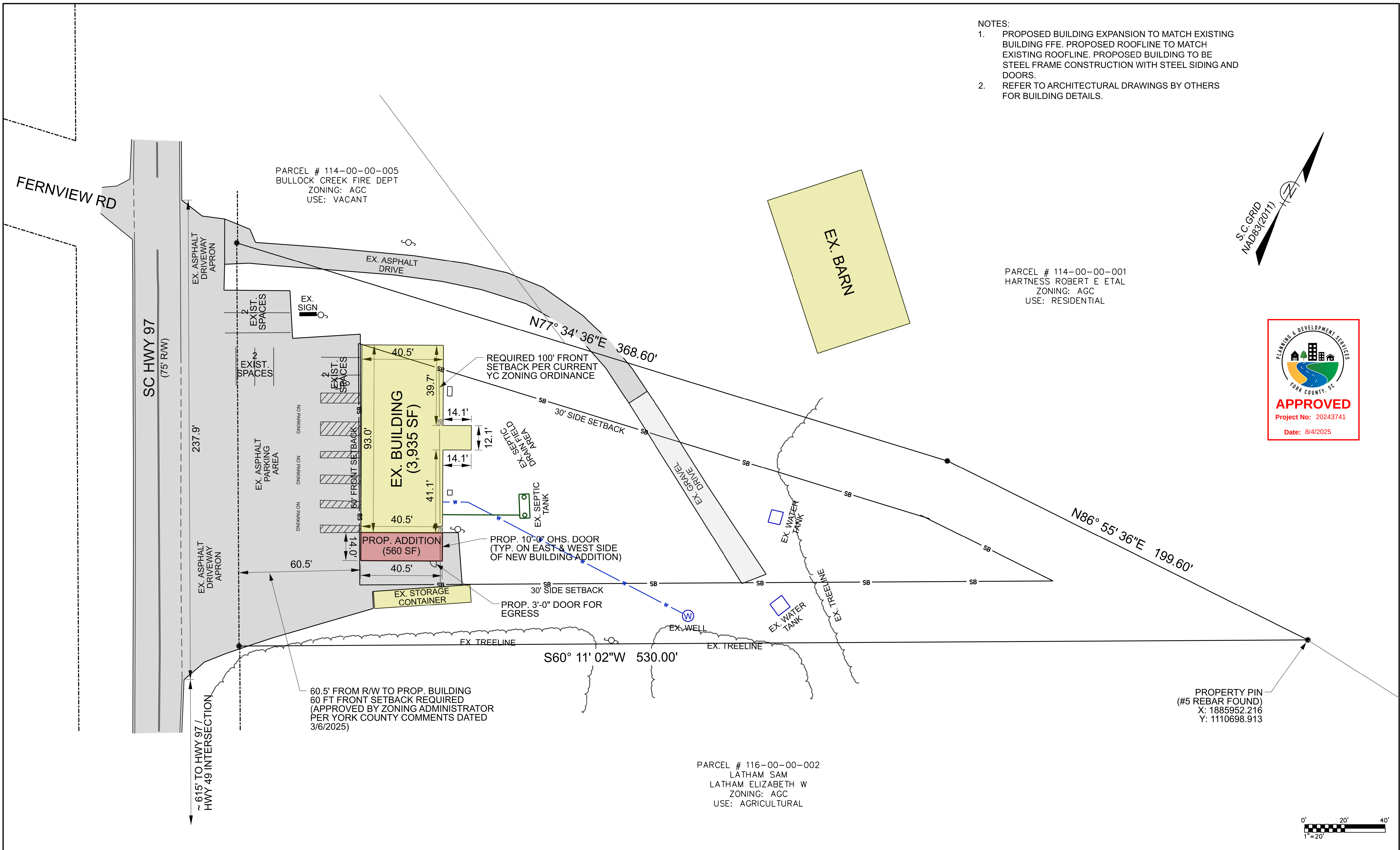
NO.	DATE	REVISION	BY	SCALE: N.T.S. DATE: 9/15/2024 JOB NO.: 240809 SHEET C100
1.	3/17/25	YORK COUNTY COMMENTS DATED 3/6/2025	A.C.C.	

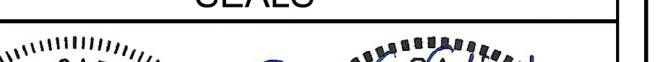


BOUNDARY NOTE:
1. EXISTING BOUNDARY SHOWN PER YORK COUNTY GIS.
A BOUNDARY SURVEY IS IN PROCESS AND WILL BE
RECORDED AND PROVIDED PRIOR TO SITE PLAN
APPROVAL.



APPROVALS		PREPARED BY		SEALS		PROJECT		SHEET TITLE		NO.	DATE	REVISION	BY	SCALE: 1"=20'
Project Engr: _____						BULLOCK'S CREEK VFD BUILDING ADDITION		EXISTING CONDITIONS		1.	3/17/25	YORK COUNTY COMMENTS DATED 3/6/2025	A.C.C.	DATE: 9/15/2024
Drawn By: _____												JOB NO.: 240809		
Checked By: _____														
Review: _____												SHEET C200		
Bid: _____						BULLOCK'S CREEK VOLUNTEER FIRE DEPARTMENT								
Construction: _____														



APPROVALS		PREPARED BY		SEALS		PROJECT		SHEET TITLE				NO. DATE REVISION		BY		SCALE: 1"=20'	
Project Engr: _____		 JOEL E. WOOD & ASSOCIATES PLANNING • ENGINEERING • MANAGEMENT				BULLOCK'S CREEK VFD		SITE PLAN				1.	3/17/25	YORK COUNTY COMMENTS DATED 3/6/2025		A.C.C.	DATE: 9/15/2024
Drawn By: _____						BUILDING ADDITION										JOB NO.: 240809	
Checked By: _____						YORK COUNTY, SOUTH CAROLINA											
Review: _____		P.O. BOX 296 CLOVER, SC 29710 (803) 684-3390				PREPARED FOR											SHEET C300
Bid: _____						BULLOCK'S CREEK VOLUNTEER											
Construction: _____						FIRE DEPARTMENT											

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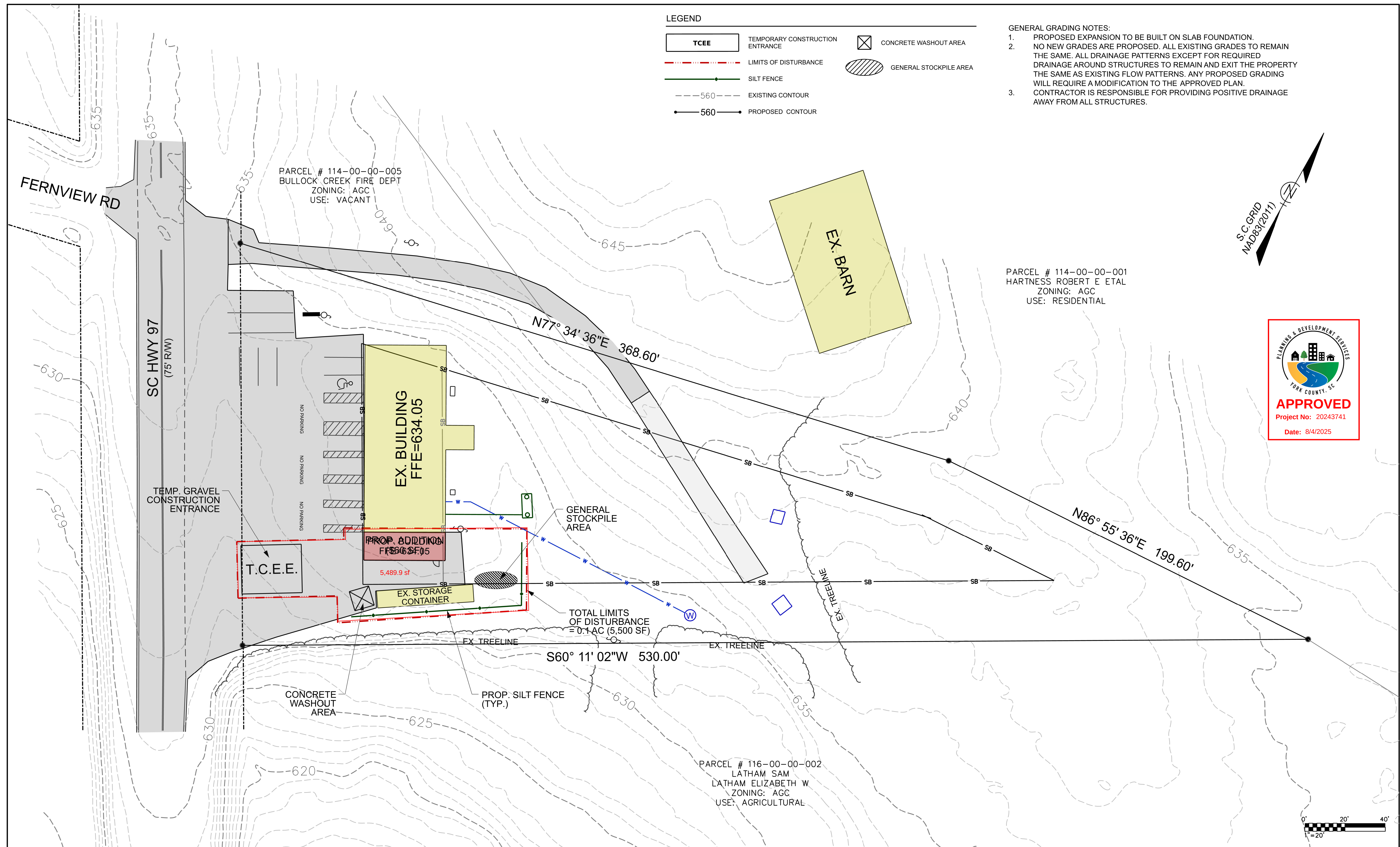
APPROVED

Project No: 20243741

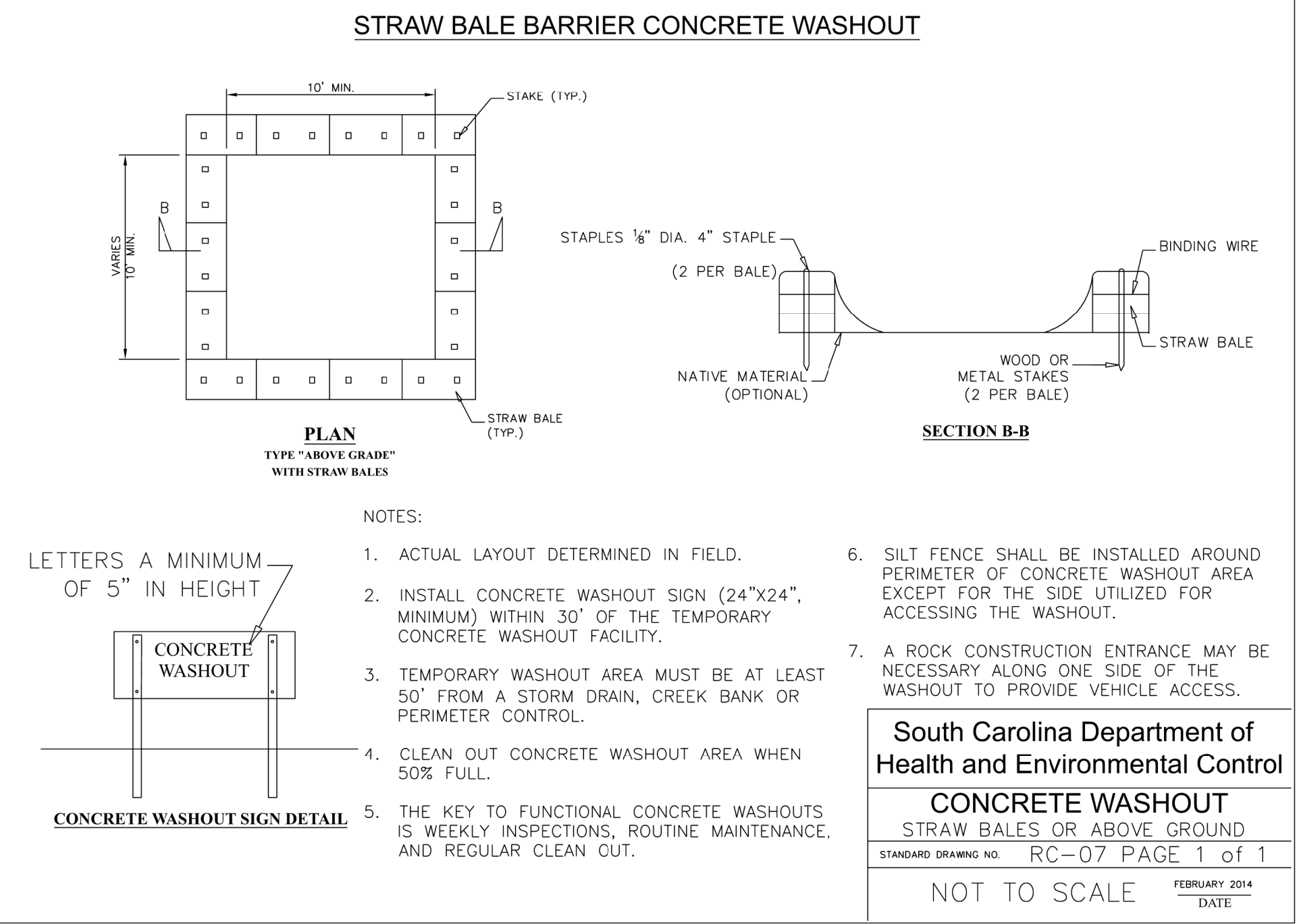
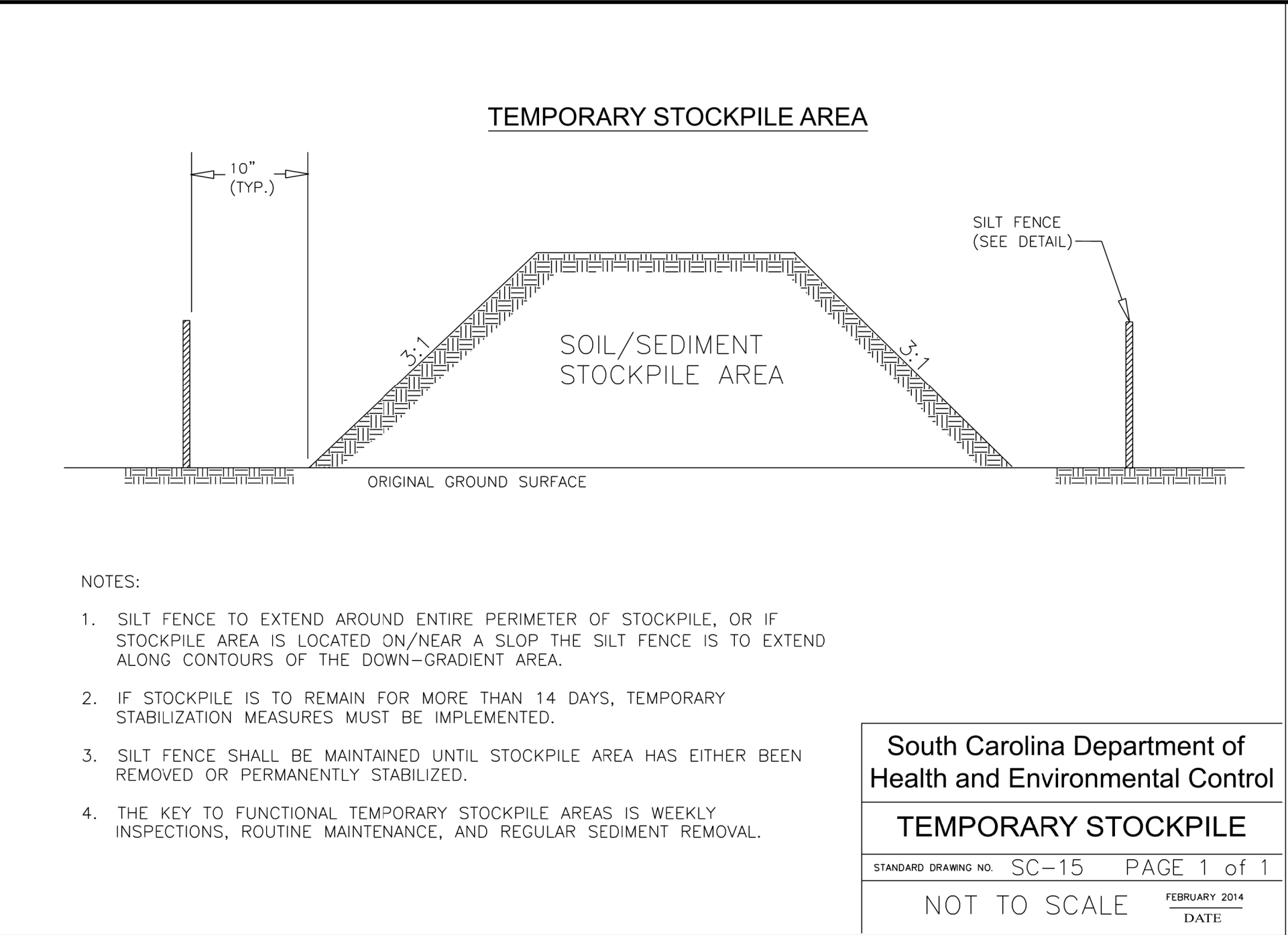
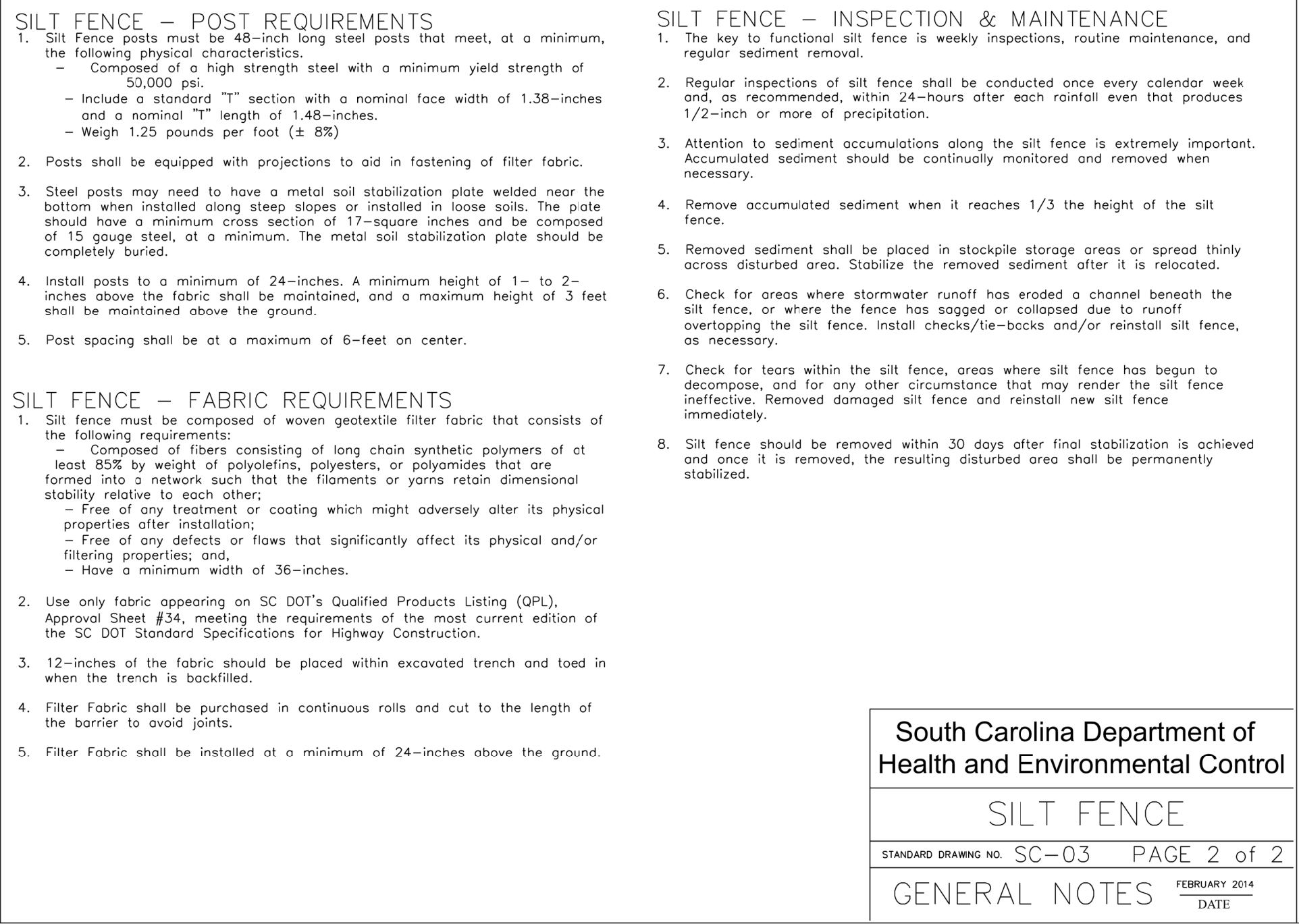
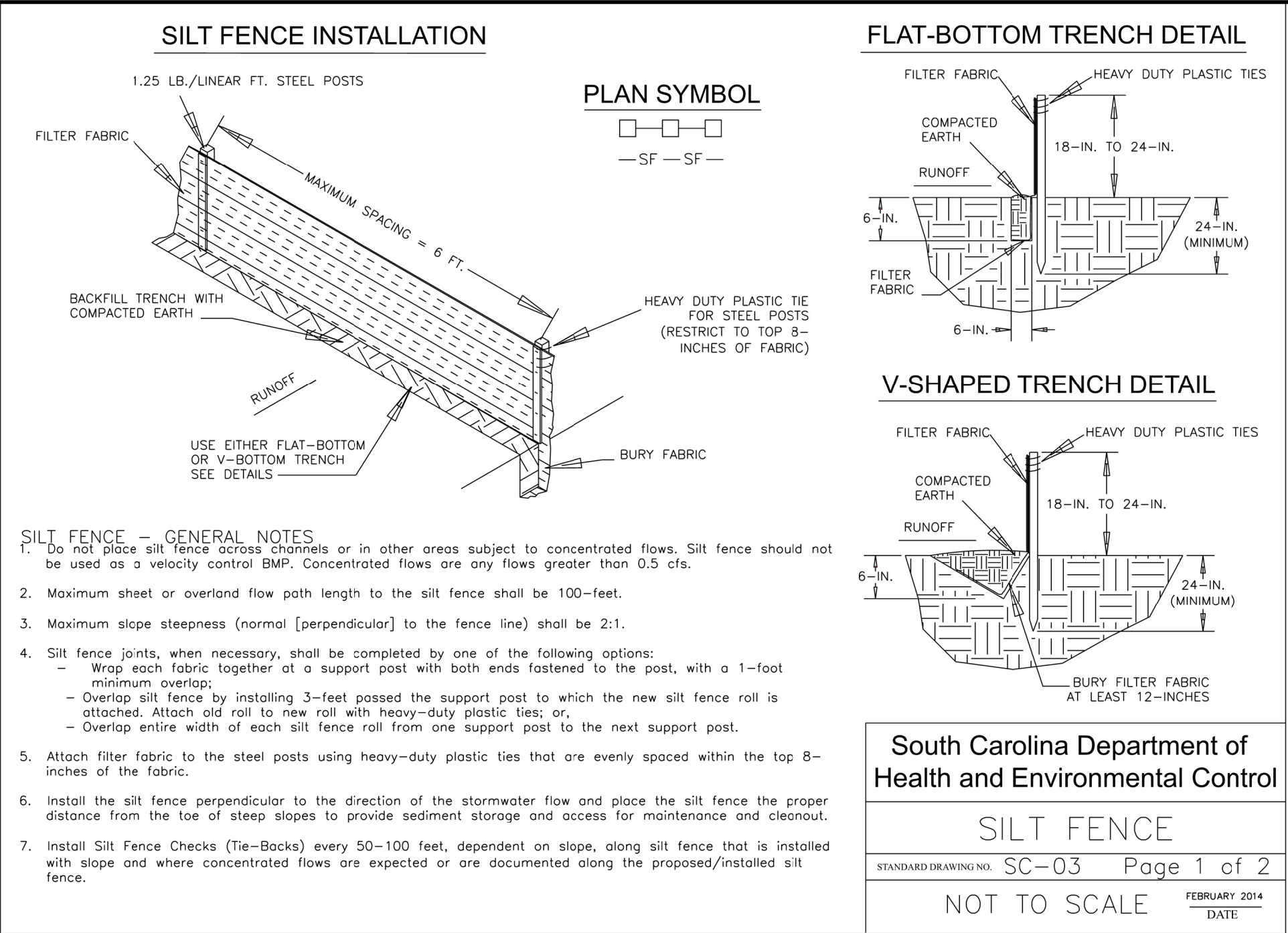
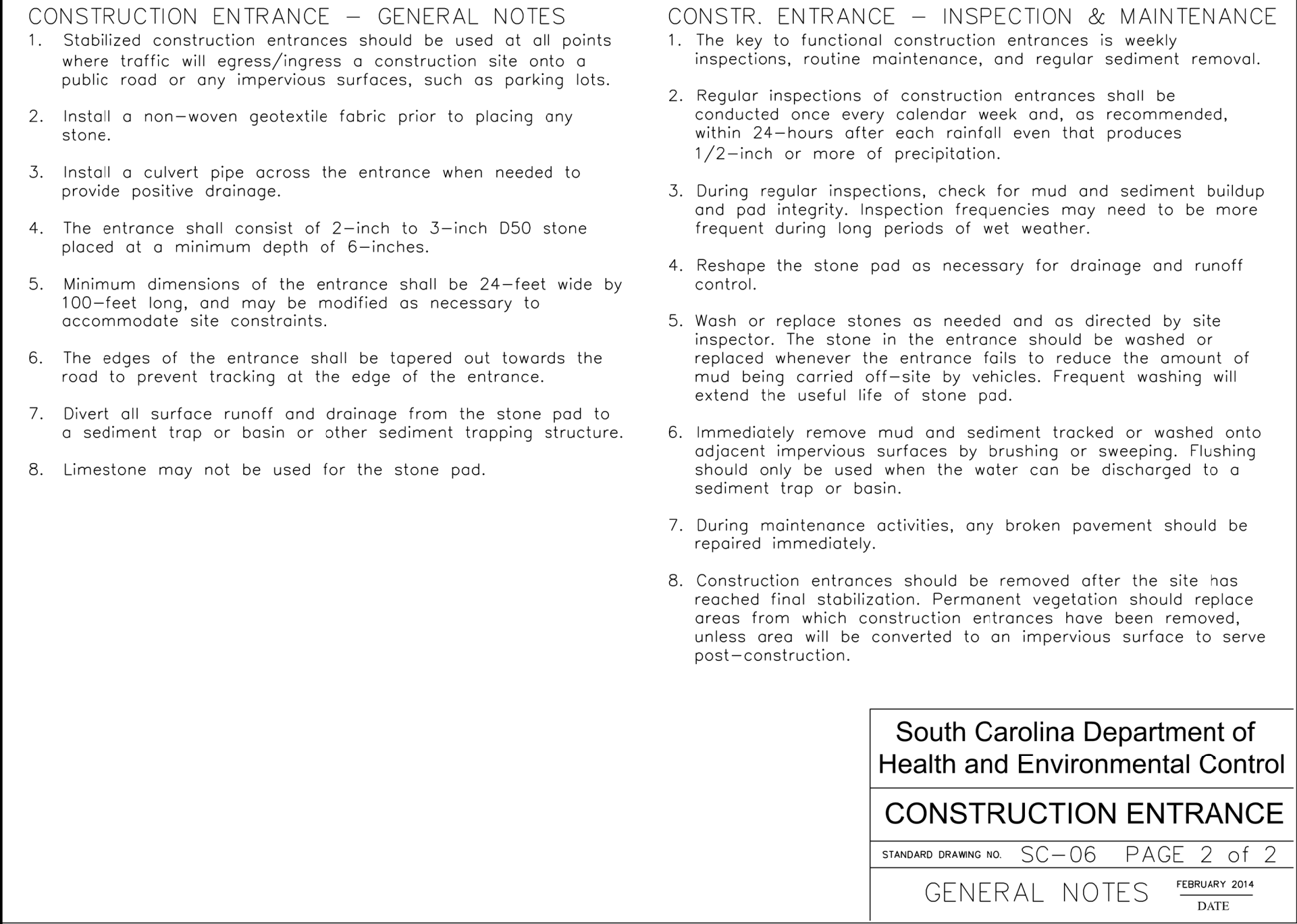
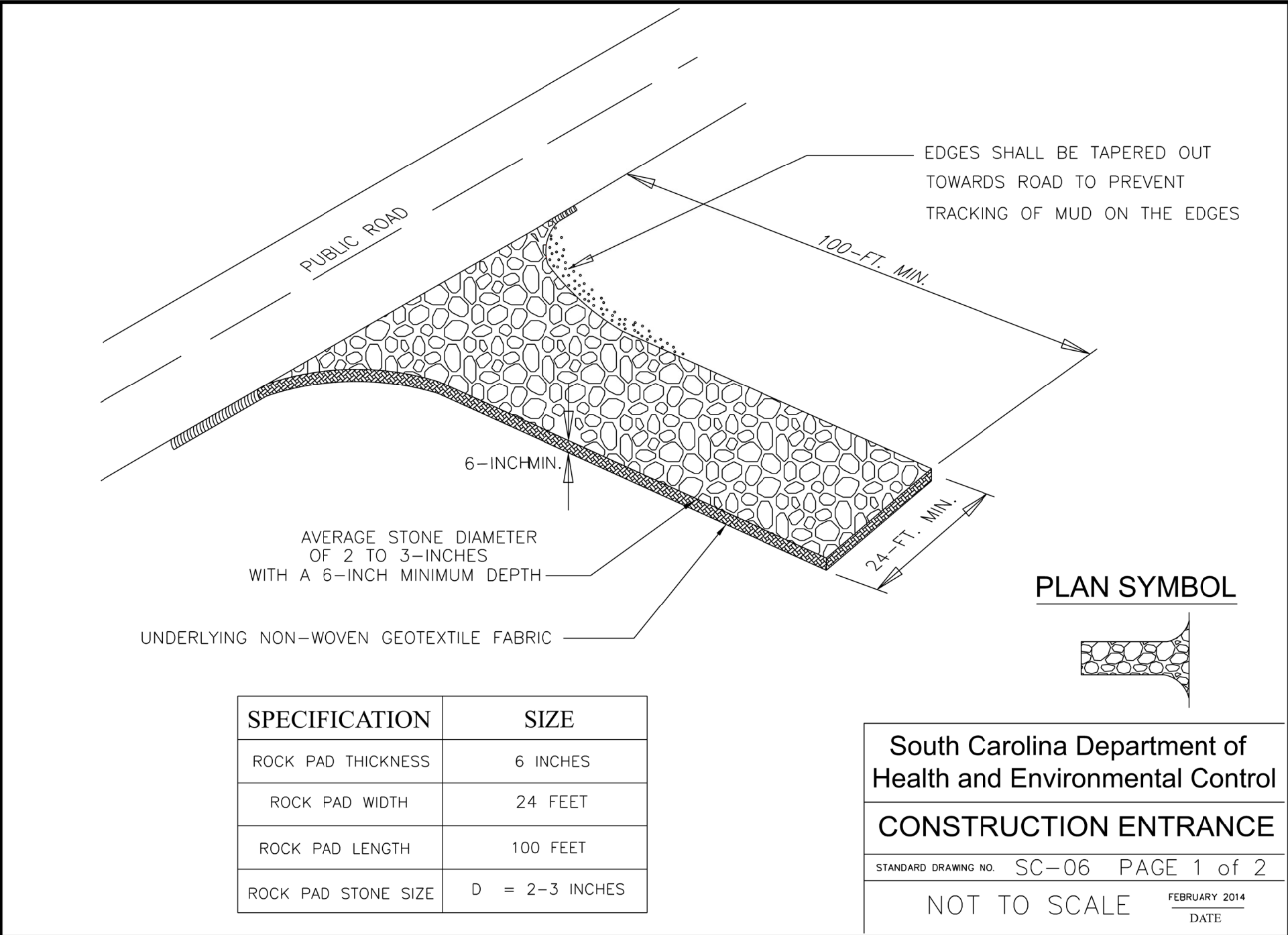
Date: 8/4/2025

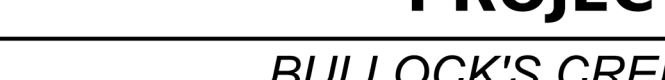


APPROVALS Project Engr: _____ Drawn By: _____ Checked By: _____ Review: _____ Bid: _____ Construction: _____		PREPARED BY W JOEL E. WOOD & ASSOCIATES PLANNING • ENGINEERING • MANAGEMENT P.O. BOX 296 CLOVER, SC 29710 (803) 684-3390		SEALS SOUTH CAROLINA JOEL E. WOOD & ASSOCIATES, L.L.C. No. C01981 CERTIFICATE OF AUTHORITY 3/17/25 SOUTH CAROLINA ADAM C. CHILDERS No. 299802 REGISTERED PROFESSIONAL ENGINEER 3/17/25		PROJECT BULLOCK'S CREEK VFD BUILDING ADDITION YORK COUNTY, SOUTH CAROLINA PREPARED FOR BULLOCK'S CREEK VOLUNTEER FIRE DEPARTMENT		SHEET TITLE UTILITY PLAN		<table><tr><td>NO.</td><td>DATE</td><td>REVISION</td><td>BY</td></tr><tr><td>1.</td><td>3/17/25</td><td>YORK COUNTY COMMENTS DATED 3/6/2025</td><td>A.C.C.</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table>		NO.	DATE	REVISION	BY	1.	3/17/25	YORK COUNTY COMMENTS DATED 3/6/2025	A.C.C.																																					SCALE: 1"=20' DATE: 9/15/2024 JOB NO.: 240809 SHEET C400	
NO.	DATE	REVISION	BY																																																						
1.	3/17/25	YORK COUNTY COMMENTS DATED 3/6/2025	A.C.C.																																																						



APPROVALS		PREPARED BY		SEALS		PROJECT		SHEET TITLE										NO.	DATE	REVISION	BY	SCALE: 1"=20'
Project Engr: _____ Drawn By: _____ Checked By: _____		W JOEL E. WOOD & ASSOCIATES PLANNING • ENGINEERING • MANAGEMENT		SOUTH CAROLINA JOEL E. WOOD & ASSOCIATES, L.L.C. No. 29980 DATE OF EXPIRATION: 12/31/2025 DATE OF AUTHORIZATION: 3/17/25 STATE OF SOUTH CAROLINA JAMES C. CHILDES JOEL E. WOOD & ASSOCIATES, L.L.C. No. 29980 DATE OF EXPIRATION: 12/31/2025 DATE OF AUTHORIZATION: 3/17/25 STATE OF SOUTH CAROLINA JAMES C. CHILDES		BULLOCK'S CREEK VFD BUILDING ADDITION		GRADING & EROSION CONTROL PLAN										1.	3/17/25	YORK COUNTY COMMENTS DATED 3/6/2025	A.C.C.	
Review: _____ Bid: _____ Construction: _____		P.O. BOX 296 CLOVER, SC 29710 (803) 684-3390				YORK COUNTY, SOUTH CAROLINA PREPARED FOR BULLOCK'S CREEK VOLUNTEER FIRE DEPARTMENT																DATE: 9/15/2024
																						JOB NO.: 240809
																						SHEET C500



APPROVALS		PREPARED BY		SEALS		PROJECT		SHEET TITLE				NO.	DATE	REVISION	BY	SCALE:	
Project Engr: _____		 JOEL E. WOOD & ASSOCIATES PLANNING • ENGINEERING • MANAGEMENT				BULLOCK'S CREEK VFD BUILDING ADDITION		DETAILS				1.	3/17/25	YORK COUNTY COMMENTS DATED 3/6/2025	A.C.C.	N.T.S.	
Drawn By: _____						YORK COUNTY, SOUTH CAROLINA										DATE:	9/15/2024
Checked By: _____						PREPARED FOR BULLOCK'S CREEK VOLUNTEER FIRE DEPARTMENT										JOB NO.:	240809
Review: _____																SHEET	C600
Bid: _____		P.O. BOX 296 CLOVER, SC 29710		(803) 684-3390													
Construction: _____																	

BUILDING CODES IN EFFECT FOR THIS PROJECT:

☐ 2021 IBC ☒ 2021 IPC ☒ 2021 IFC ☒ 2021 IMC ☒ 2009 IEC ☒ 2020 NEC ☒ 2017 ANSI A117.1
☒ 2021 SC STATE BUILDING CODE
☐ NEW BUILDING ☐ SHELL BUILDING ☐ INTERIOR UPFIT ☒ ADDITION ☐ REPAIR
☐ ALTERATION L1 ☐ ALTERATION L2 ☐ ALTERATION L3 ☐ CHANGE OF OCCUPANCY

1. USE AND OCCUPANCY CLASSIFICATION - PRIMARY USE / MOST RESTRICTIVE (CHAPTER 3):

A-1	A-2	A-3	A-4	A-5	B	E	F-1	F-2	H-1	H-2
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
H-3	H-4	H-5	I-1 C1	I-1 C2	I-2 C1	I-2 C2	I-3 C1	I-3 C2	I-3 C3	I-3 C4
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
I-3 C5	I-4	M	R-1	R-2	R-3	R-4 C1	R-4 C2	S-1	S-2	U
☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐

USE AND OCCUPANCY CLASSIFICATION - SECONDARY USES:

A-1	A-2	A-3	A-4	A-5	B	E	F-1	F-2	H-1	H-2
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
H-3	H-4	H-5	I-1 C1	I-1 C2	I-2 C1	I-2 C2	I-3 C1	I-3 C2	I-3 C3	I-3 C4
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
I-3 C5	I-4	M	R-1	R-2	R-3	R-4 C1	R-4 C2	S-1	S-2	U
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

INCIDENTAL USES (TABLE 509.1):

- ☐ FURNACE ROOMS WHERE ANY PIECE OF EQUIPMENT IS OVER 400,000 BTU PER HOUR INPUT
☐ ROOMS WITH BOILERS WHERE THE LARGEST PIECE OF EQUIPMENT IS OVER 15 PSI & 10 HP
☐ REFRIGERANT MACHINERY ROOMS ☐ INCINERATOR ROOMS ☐ GROUP I-2 LAUNDRY ROOMS OVER 100 S.F.
☐ PAINT SHOPS NOT CLASSIFIED AS GROUP H, LOCATED IN OCCUPANCIES OTHER THAN GROUP F
☐ LABS AND VOCATIONAL SHOPS NOT CLASSIFIED AS GROUP H ☐ LAUNDRY ROOMS OVER 100 S.F.
☐ GROUP I-3 CELLS & I-2 PATIENT ROOMS EQUIPPED WITH PADDED SURFACES
☐ GROUP I-2 STORAGE ROOMS OVER 100 S.F. ☐ GROUP I-2 STORAGE ROOMS OVER 100 S.F.
☐ GROUP I-2 WASTE/LINEN COLLECTION ROOMS OVER 100 S.F.
☐ ELECTRICAL INSTALLATIONS & TRANSFORMERS
☐ IN GROUP I-2 OCCUPANCIES, LABS NOT CLASSIFIED AS GROUP H
☐ IN AMBULATORY CARE FACILITIES, LABS NOT CLASSIFIED AS GROUP H
☐ IN IN GROUP E OCCUPANCIES, LABS AND VOCATIONAL SHOPS NOT CLASSIFIED AS GROUP H
☐ GROUP I-2 WASTE AND LINEN COLLECTION ROOMS WITH CONTAINERS THAT HAVE AN AGGREGATE VOLUME OF 10 CUBIC FEET OR GREATER

2. SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY (CHAPTER 4):

- COVERED MALLS & OPEN BUILDINGS ☐ HIGH RISE BUILDINGS ☐ ATRIUMS ☐
MOTOR VEHICLE RELATED ☒ GROUP I-2 ☐ GROUP I-3 ☐ MOTION PICTURE PROJECTION ROOMS ☐
STAGES & PLATFORMS ☐ SPECIAL AMUSEMENT BUILDINGS ☐ AIRCRAFT RELATED ☐
HAZARDOUS MATERIALS ☐ GROUPS H-1 THRU H5 ☐ DRYING ROOMS ☐ HYPERBARIC FACILITIES ☐
GROUPS I-1, R-1 THRU R-4 ☐ HYDROGEN FUEL GAS ROOMS ☐ STORM SHELTERS ☐
UNDERGROUND BUILDINGS ☐ COMBUSTIBLE DUST ☐ HIGHER EDUCATION LABS ☐
COMBUSTIBLE STORAGE ☐ MEDICAL GAS SYSTEMS ☐ ARTIFICIAL DECORATIVE VEGETATION ☐
PLAY STRUCTURES ☐ SPRAY APPLICATION OF FLAMMABLES ☐ AMBULATORY CARE FACILITIES ☐

3. ALLOWABLE BUILDING HEIGHTS, STORIES AND AREAS:

MAXIMUM HEIGHT ALLOWED (TABLE 504.3):	ALLOWED: 40'	SHOWN: 16'±
MAXIMUM NUMBER OF STORIES (TABLE 504.4):	ALLOWED: 1	SHOWN: 1
GROSS BUILDING AREA PER FLOOR (TABLE 506.2):	ALLOWED: 9,000	SHOWN: 4,414
PROTECTED CONSTRUCTION: ☐ SPRINKLERED: ☐ MEZZANINE: ☐ UNLIMITED AREA: ☐		
AREA INCREASE APPLICABLE: ☐ (IF CHECKED, SEE AREA INCREASE CALCULATION SECTION)		

INCIDENTAL USE AREAS (TABLE 509):

A. ROOM OR AREA:		=	_____	_____	HOUR
B. ROOM OR AREA:		=	_____	_____	HOUR
C. ROOM OR AREA:		=	_____	_____	HOUR

REQUIRED SEPARATION OF OCCUPANCIES (TABLE 508.4):

NONSEP. USES (508.3) ☒	SEPARATED USES (508.4) ☐	ACCESSORY USE (508.2) ☐
BETWEEN: _____	AND: _____	= _____ HOUR
BETWEEN: _____	AND: _____	= _____ HOUR
BETWEEN: _____	AND: _____	= _____ HOUR

4. TYPES OF CONSTRUCTION (CHAPTER 6):

I-A	I-B	2-A	2-B	3-A	3-B	4-A	4-B	4-C	4-HT	5-A	5-B
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS IN HOURS (TABLE 601):											
STRUCTURAL FRAME: <u>0</u> BEARING WALLS (INT.): <u>0</u> BEARING WALLS (EXT.): <u>0</u>											
NONBEARING WALLS (INT.): <u>0</u> FLOOR CONSTRUCTION: <u>0</u> ROOF CONSTRUCTION: <u>0</u>											
FIRE RESISTANCE RATING FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (TABLE 705.5):											
0 TO <5': _____ 5' TO <10': _____ 10' TO <30': _____ 30'+: <u>0</u>											

5. FIRE RESISTANCE RATED CONSTRUCTION:

STRUCTURAL FRAME (TABLE 601): _____	HR.
EXTERIOR BEARING WALLS (TABLE): _____	HR.
INTERIOR BEARING WALLS (TABLE 601): _____	HR.
FLOOR CONSTRUCTION (TABLE 601): _____	HR.
ROOF CONSTRUCTION (TABLE 601): _____	HR.
FIRE WALLS (TABLE 706.4): _____	HR.
FIRE BARRIERS (TABLE 707.3.10): _____	HR.
SHAFT ENCLOSURES (SECTION 713): _____	HR.
CORRIDORS (TABLE 1020.2): _____	HR.
FIRE DOOR & FIRE SHUTTER PROTECTION RATINGS (TABLE 716.1): _____	HR.
FIRE WINDOW ASSEMBLY FIRE PROTECTION RATINGS (TABLE 716.1): _____	HR.
FIRE DAMPER RATING (TABLE 717.3.2.1): _____	HR.

MAXIMUM AREA OF EXTERIOR WALL OPENINGS (TABLE 705.8):

UNPROTECTED CONSTRUCTION:			NOT PERMITTED ☐		PERCENT ☐		NO LIMIT ☒	
0'-3'	+3'-5'	+5'-10'	+10'-15'	+15'-20'	+20'-25'	+25'-30'		
				☐				
PROTECTED CONSTRUCTION:			NOT PERMITTED ☐		PERCENT ☐		NO LIMIT ☐	
0'-3'	+3'-5'	+5'-10'	+10'-15'	+15'-20'	+20'-25'	+25'-30'		

7. FIRE PROTECTION SYSTEMS (CHAPTER 9):

SPRINKLER REQUIRED (SECTION 903):	NFPA 13 ☐	NFPA 13R ☐	NFPA 13D ☐		
FIRE EXTINGUISHER TYPES (IFC SECTION 906):	WATER - TYPE A ☐	POTASSIUM - TYPE K ☐	DRY CHEM. - TYPE BC ☐	DRY CHEM. - TYPE ABC ☒	CARBON DIOXIDE - TYPE BC ☐
FIRE EXTINGUISHER LOCATIONS (IFC SECTION 906):	PER IFC TABLE 906.1 ☒	PER IFC TABLE 906.3 (1) ☐	PER IFC TABLE 906.3 (2) ☐		
FIRE ALARM SYSTEM (SECTION 907):					
PULL STATIONS: ☐	ANNUNCIATORS: ☐				
STROBES: ☐	SMOKE DETECTORS: ☐				
CONTROL PANEL: ☐	BATTERY BACK-UP: ☐				
EMERGENCY ALARM SYSTEM: ☐					
SMOKE CONTROL SYSTEM (SECTION 909):					
SMOKE DAMPERS: ☐	SMOKE BARRIERS: ☐				
SMOKE LATCHES: ☐	EXHAUST FANS: ☐				
SMOKE VENTS: ☐	HEAT VENTS: ☐				

8. OCCUPANCY LOAD (TABLE 1004.5)

PRINCIPAL OCCUPANCY: S-1	4,414 SQ. FT./ 200 SQ. FT./PERSON = 22 PERSONS
FIXED SEATING (SECTION 1004.4):	NUMBER OF SEATS @ 18" PER PERSON = _____ PERSONS
FIXED SEATING (SECTION 1004.4):	NUMBER OF SEATS @ 24" PER PERSON = _____ PERSONS
INCIDENTAL OR MIXED OCCUPANCY GROUPS:	
A. AREA: _____	SQ. FT./ SQ. FT./PERSON = _____ PERSONS
B. AREA: _____	SQ. FT./ SQ. FT./PERSON = _____ PERSONS
C. AREA: _____	SQ. FT./ SQ. FT./PERSON = _____ PERSONS
D. AREA: _____	SQ. FT./ SQ. FT./PERSON = _____ PERSONS
E. AREA: _____	SQ. FT./ SQ. FT./PERSON = _____ PERSONS
F. AREA: _____	SQ. FT./ SQ. FT./PERSON = _____ PERSONS
TOTAL OCCUPANT LOAD = 22 PERSONS	

EGRESS WIDTH (IN INCHES) PER OCCUPANT SERVED (SECTION 1005):

STAIRWAYS: _____	OTHER COMPONENTS: _____	SPRINKLERED ☐
TOTAL STAIR EGRESS WIDTH:		
PERSONS x _____	INCHES PER OCCUPANT REQUIRED = _____	SHOWN: _____
TOTAL OTHER COMPONENTS EGRESS WIDTH:		
PERSONS x _____	INCHES PER OCCUPANT REQUIRED = _____	SHOWN: _____

EGRESS WIDTH (IN INCHES) PER OCCUPANT SERVED (SECTIONS 1005):

STAIRWAYS: 0.3	OTHER COMPONENTS: 0.2	NON-UNSPRINKLERED ☒
TOTAL STAIR EGRESS WIDTH:		
PERSONS x _____	INCHES PER OCCUPANT REQUIRED = _____	SHOWN: _____
TOTAL OTHER COMPONENTS EGRESS WIDTH:		
22 PERSONS x 0.2 INCHES PER OCCUPANT REQUIRED = 4.4"	SHOWN: 68"	

9. EXIT REQUIREMENTS (CHAPTER 10):

MINIMUM NUMBER OF EXITS (SECTION 1006): _____	1 ☐	2 ☒	3 ☐	4 ☐
SINGLE EGRESS ALLOWED (TABLES 1006.2.1 & 1006.3.2(2)): _____	YES ☐	NO ☒		
DEAD-END CORRIDORS (SECTION 1020.5): _____	ALLOWED: _____	20'	PROVIDED: N/A	
EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2): _____	ALLOWED: _____	200'	PROVIDED: 85'±	
MINIMUM CORRIDOR WIDTH (TABLE 1020.3): _____	REQUIRED: _____	44'	PROVIDED: N/A	
ACCESS TO ROOF REQUIRED (SECTION 1011.12): _____	YES ☐	NO ☒		
STAIRWAYS (SECTION 1011):				
MINIMUM STAIR WIDTH (SECTION 1011.2): _____	REQUIRED: _____	PROVIDED: _____		
MAXIMUM RISER HEIGHT (SECTION 1011.5.2): _____	ALLOWED: _____	PROVIDED: _____		
MINIMUM TREAD DEPTH (SECTION 1011.5.2): _____	REQUIRED: _____	PROVIDED: _____		
HANDRAIL HEIGHT (SECTION 1014.2): _____	ALLOWED: _____	PROVIDED: _____		
SMOKE BARRIER REQUIRED (SECTION 407.5): _____	YES ☐	NO ☐		
GUARDRAIL HEIGHT (SECTIONS 1015.2 & 1015.3): _____	REQUIRED: _____	PROVIDED: _____		
RAMPS (SECTION 1012):				
MAXIMUM SLOPE (SECTION 1012.2): _____	ALLOWED: _____	PROVIDED: _____		
MAXIMUM VERTICAL RISE (SECTION 1012.4): _____	ALLOWED: _____	PROVIDED: _____		
HANDRAIL HEIGHT (SECTION 1012.8, 1014.8): _____	ALLOWED: _____	PROVIDED: _____		
HANDRAIL REQUIRED (SECT. 1014.1): _____	NOT REQ'D ☐	ONE SIDE ☐	BOTH SIDES ☐	
RAILING HEIGHT (SECTION 1014.2): _____	ALLOWED: _____	PROVIDED: _____		

10. RESTROOM FACILITIES (TABLE 2902.1):

MINIMUM NUMBER OF TOILET STALLS FOR MEN: _____	REQUIRED: 1	SHOWN: 1
MINIMUM NUMBER OF TOILET STALLS FOR WOMEN: _____	REQUIRED: 1	SHOWN: 1
MINIMUM NUMBER OF LAVATORIES FOR MEN: _____	REQUIRED: 1	SHOWN: 1
MINIMUM NUMBER OF LAVATORIES FOR WOMEN: _____	REQUIRED: 1	SHOWN: 1
MINIMUM NUMBER OF DRINKING FOUNTAINS: _____	REQUIRED: 1	SHOWN: 1
NUMBER OF SERVICE SINKS: _____	REQUIRED: 1	SHOWN: 1
UNISEX RESTROOM ALLOWED (SECTION 2902.2): _____	YES ☐	NO ☒
NUMBER OF UNISEX RESTROOMS: _____	REQUIRED: 0	SHOWN: 0
NUMBER OF EXISTING MEN'S RESTROOMS: _____		SHOWN: 1
NUMBER OF EXISTING WOMEN'S RESTROOMS: _____		SHOWN: 1
NUMBER OF EXISTING MEN'S LAVATORIES: _____		SHOWN: 1
NUMBER OF EXISTING WOMEN'S LAVATORIES: _____		SHOWN: 1
NUMBER OF EXISTING DRINKING FOUNTAINS: _____		SHOWN: 1
NUMBER OF EXISTING SERVICE SINKS: _____		SHOWN: 1

11. STRUCTURAL REQUIREMENTS (CHAPTER 16):

LOADS:	
WIND LOAD (SECTION 1609):	= 115 MPH
FLOOR LIVE LOAD (TABLE 1607.1):	= 100 PSF
FLOOR DEAD LOAD (SECTION 1606):	= N/A PSF
ROOF LIVE LOAD (SECTION 1607.12):	= 20 PSF
ROOF COLLATERAL LOADS:	= 3 PSF
GROUND SNOW LOAD (SECTION 1608):	= 10 PSF
FLOOD LOADS (SECTION 1612):	= N/A PSF
SPECIAL LOADS:	= N/A PSF
SNOWGUARDS REQUIRED:	☐ YES ☒ NO
TRIBUTARY LOAD REDUCTION ALLOWED:	☒ YES ☐ NO

SEISMIC LOADS (CHAPTER 16):

DESIGN AREA ZIP CODE:	= 29742
DESIGN AREA CENTRAL LATITUDE:	= 34.95°
DESIGN AREA CENTRAL LONGITUDE:	= -81.34°
SPECTRAL RESPONSE ACCELERATION AT 1 SECOND PERIOD:	S ₁ = 0.254
SPECTRAL RESPONSE ACCELERATION AT SHORT PERIODS:	S _S = 0.091
SEISMIC HAZARD EXPOSURE GROUP:	= I
SEISMIC PERFORMANCE CATEGORY:	= C
SOIL PROFILE:	= D
BASIC STRUCTURAL SYSTEM:	☒ BUILDING FRAME ☐ BEARING WALL

6. INTERIOR FINISHES (CHAPTER 8):

BY OCCUPANCY GROUP (TABLE 803.1): S-1	SPRINKLERED ☐	NON-SPRINKLERED ☒
VERTICAL EXITS AND EXIT PASSAGEWAYS	EXIT ACCESS CORRIDORS AND OTHER EXITWAYS	ROOMS AND ENCLOSED SPACES
FINISH CLASS: A B C	A B C	A B C
II. SCHEDULE OF SPECIAL INSPECTIONS (CHAPTER 17):		
☐ NO SPECIAL INSPECTIONS REQUIRED FOR THIS PROJECT ☒ SPECIAL INSPECTIONS REQUIRED		
☐ EXCAVATIONS	☐ INSPECTION OF STRUCTURAL STEEL FABRICATORS	
☐ FILLS	☐ STRUCTURAL MASONRY	
☐ DEEP FOUNDATIONS	☐ WELDING	
☒ SHALLOW FOOTINGS & FOUNDATIONS	☒ HIGH STRENGTH BOLTS AND STEEL FRAMING INSP.	
☒ VERIFICATION OF SOILS	☐ SPRAYED FIRE-RESISTANCE MATERIALS	
☐ RETAINING WALLS	☐ EXTERIOR INSULATION AND FINISH SYSTEMS	
☐ POST TENSION SLABS	☐ SEISMIC RESISTANCE	
☐ PRE-CAST CONCRETE ERECTION	☐ SMOKE CONTROL	
☐ PRE-STRESSED CONCRETE	☐ DETENTION BASINS	
☐ INSPECTION OF PRE-CAST FABRICATORS	☐ SPECIAL CASES	
☐ EXCEPTIONS:		
☐ EXCAVATIONS		

12. LIFE SAFETY SYSTEM REQUIREMENTS:

EMERGENCY LIGHTING: _____	YES ☒	NO ☐
EXIT SIGNS: _____	YES ☒	NO ☐
FIRE ALARM: _____	YES ☐	NO ☒
SMOKE DETECTION SYSTEMS: _____	YES ☐	NO ☒ PARTIAL ☐
PANIC HARDWARE: _____	YES ☐	NO ☒
LIFE SAFETY SYSTEMS GENERATOR: _____	YES ☐	NO ☒
LIFE SAFETY PLAN SHEET # A-3		
☐ FIRE AND/OR SMOKE RATED WALL LOCATIONS (CHAPTER 7)		
☐ ASSUMED AND REAL PROPERTY LINE LOCATIONS (IF NOT ON THE SITE PLAN)		
☐ EXTERIOR WALL OPENING AREA WITH RESPECT TO DISTANCE OF ASSUMED PROPERTY LINES (TABLE 705.8)		
☒ OCCUPANCY USE FOR EACH AREA AS IT RELATES TO OCCUPANT LOAD CALCULATION (TABLE 1004.1.2)		
☒ OCCUPANT LOADS FOR EACH AREA (TABLE 1004.5)		
☒ EXIT TRAVEL DISTANCES (TABLE 1017.2)		
☒ COMMON PATH OF TRAVEL DISTANCES (TABLES 1006.2.1 AND 1006.3.2)		
☐ DEAD END LENGTHS (1020.4)		
☒ CLEAR EXIT WIDTH FOR EACH DOOR (1010.1.1)		
☒ MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMMODATE BASED BASED ON EGRESS WIDTH (1005.3.1 & 1005.3.2)		
☒ ACTUAL OCCUPANT LOAD FOR EACH EXIT DOOR (1010.1.1)		
☐ A SEPARATE SCHEMATIC PLAN INDICATING WHERE FIRE RATED FLOOR/CEILING AND/OR ROOF		
☐ STRUCTURE IS PROVIDED FOR PURPOSES OF OCCUPANCY SEPARATION		
☐ LOCATIONS OF DOORS WITH PANIC HARDWARE (1001.10)		
☐ LOCATIONS OF DOORS WITH DELAYED EGRESS LOCKS AND THE AMOUNT OF THE DELAY (1010.1.9.8)		
☐ LOCATIONS OF DOORS WITH ELECTROMAGNETIC EGRESS LOCKS (1010.1.9.10)		
☐ LOCATIONS OF DOORS WITH HOLD-OPEN DEVICES		
☐ LOCATIONS OF EMERGENCY ESCAPE WINDOWS (1030)		
☐ THE SQUARE FOOTAGE OF EACH FIRE AREA (907.1)		
☐ THE SQUARE FOOTAGE OF EACH SMOKE COMPARTMENT FOR OCCUPANCY CLASSIFICATION I-2 (407.5)		
☐ NOTE ANY CODE EXCEPTIONS OR TABLE NOTES THAT MAY HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE		

13. ROOF DRAIN CALCULATIONS:

100 YEAR ONE HOUR RAINFALL (IN INCHES) _____	3.75 (R)
AREA OF ROOF (IN SQUARE FEET) _____	20,000 (A)
GPM = R x A x 0.0104	
GPM = 3.75 x 4,414 x 0.0104	
GPM = 160	
10' HORIZ. GUTTER AT 1/8" ROOF SLOPE CAPACITY = 1,055 GALLONS PER MINUTE	



APPROVED
Project No: 20243741
Date: 8/4/2025



233 Johnston Street
Rock Hill, SC 29730
Cell: 803-417-2790
mcrump@spectrum-inc.com

Professional Building Design

Professional Consultant Seal:

General Notes:

1. WHERE APPLICABLE, TEMPORARILY BRACE RETAINING WALLS AND BRACE CMU WALLS UNTIL FLOOR SLAB IS INSTALLED.

2. VERIFY DIMENSIONS, CONDITIONS AND ELEVATIONS. IF APPLICABLE, REFERENCE METAL BUILDING DRAWINGS FOR ANCHOR BOLT LAYOUT.

3. NO ALTERATIONS OR DEVIATION FROM THIS DRAWING ARE ALLOWED WITHOUT THE APPROVAL OF THE PROFESSIONAL ENGINEER.

4. DIG FOUNDATIONS PER THIS DRAWING.

5. ALL APPLICABLE MATERIALS AND PROCEDURES SHALL CONFORM TO THE LATEST EDITION OF THE FOLLOWING STANDARDS:

ASTM A-150 PORTLAND CEMENT
ASTM C-33 AGGREGATES FOR CONCRETE
ASTM C-94 READY-MIXED CONCRETE
ASTM A615 GRADE 60 REBAR
ASTM A62 & ASTM A65 WELDED WIRE FABRIC
ASTM 318-14 REINFORCED CONCRETE
ACI 530.1 AND 530-88
ASCE 5-88 AND 6-88
THE 2021 INTERNATIONAL BUILDING CODE

6. MIX AND PLACE CONCRETE PER THE PORTLAND CEMENT ASSOCIATION PUBLICATION "DESIGN AND CONTROL OF CONCRETE MIXTURES."

7. PRIOR TO PLACING CONCRETE, FOOTING EXCAVATIONS SHALL BE FREE OF WATER, SLUSH, AND FOREIGN MATTER.

8. FOOTING SLAB BASE IS TO BE POURED AGAINST EARTH HAVING 95% COMPACTION (PROCTOR STANDARD AND ASTM D-698).

9. CONCRETE AND (W.M.F. IF APPLICABLE) SHALL HAVE A MAXIMUM SIZE OF COURSE AGGREGATE OF 3/4", WITH A MAXIMUM SLUMP OF 5".

10. DEFECTIVE OR HONEYCOMBED CONCRETE SHALL BE EXAMINED BY A PROFESSIONAL ENGINEER FOR THE METHOD OF CORRECTION.

11. FOOTING EXCAVATION SHALL BE CARRIED TO A GOOD BEARING SOIL. SLAB DEPTH SHALL EXTEND A DISTANCE EQUAL TO THE DEPTH SHOWN OR TO A MINIMUM DEPTH REQUIRED BY LOCAL CODE TO MEET RESTRICTIONS ENCOUNTERED. EXCAVATION BELOW THE BASE OF THE FOOTING SHALL BE BACK FILLED WITH 2,000 PSI CONCRETE, BUT SHALL NOT EXCEED 5' WITHOUT THE APPROVAL OF THE ENGINEER.

12. EXCAVATED FOOTING/FOUNDATION AREAS SHALL BE INSPECTED BY THE RESPECTIVE INSPECTOR BEFORE CONCRETE IS APPLIED.

13. FOOTING/FOUNDATION DESIGNED TO CONFORM TO IBC CHAPTER 16.

14. FOOTING/FOUNDATION DESIGNED FOR A SOIL BEARING PRESSURE OF 2,000 PSF. VERIFY SOIL BEARING PRESSURE IF REQUIRED BY LOCAL CODE AUTHORITY.

15. HOOK CONTINUOUS BARS 1'-6" AROUND CORNERS OR PROVIDE CORNER BARS.

16. LAP ALL REBAR IN MASONRY 40 BAR DIAMETERS MIN. LAP ALL REBAR IN CONCRETE 30 BAR DIAMETERS MIN.

17. CONCRETE BLOCK SHALL CONFORM TO ASTM C90 WITH MIN. FM OF 1,500 PSI.

18. MORTAR SHALL BE TYPE M.

19. GROUT FOR CELLS SHALL BE 3,000 PSI MIN. 'PEA GRAVEL'.

20. ALIGN VERTICAL CELLS TO MAINTAIN A CLEAR, UNOBSTRUCTED CONTINUOUS VERTICAL CELL FILL.

21. PROVIDE INSPECTION CLEANOUT OPENINGS AT THE BOTTOM OF ALL FILLED CELLS AND AT EACH LIFT. SEAL CLEANOUTS AFTER INSPECTION AND PRIOR TO GROUTING.

22. WHEN GROUTING IS STOPPED FOR ONE HOUR OR LONGER, STOP GROUT 1-1/2" BELOW THE UPPERMOST UNIT.

23. PLACE ONE #5 REBAR IN GROUTED CELLS AT ALL DOOR AND WINDOW JAMBS AND CORNERS MAX. 4 FEET APART U.N.O.

REVISIONS

Project Title:

BULLOCKS CREEK
VOLUNTEER FIRE
DEPARTMENT ADDITION
2250 SC HIGHWAY 97
SHARON, SC 29742

Sheet Title:

STRUCTURAL

Project No.:

5985

Drawn By:

MAC

Checked By:

MAC

Scale:

AS SHOWN

Sheet No.:

S1

Date:

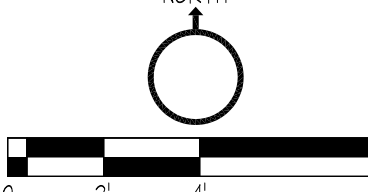
2-18-2025

ISSUED FOR CODE REVIEW

DATE OF ISSUE: 3-25-2025

THESE PLANS HAVE NOT BEEN APPROVED BY THE BUILDING DEPARTMENT. PLANS SHOULD BE STAMPED 'APPROVED FOR CONSTRUCTION' BY THE BUILDING DEPARTMENT PRIOR TO BIDDING OR CALCULATING TAKE-OFFS.

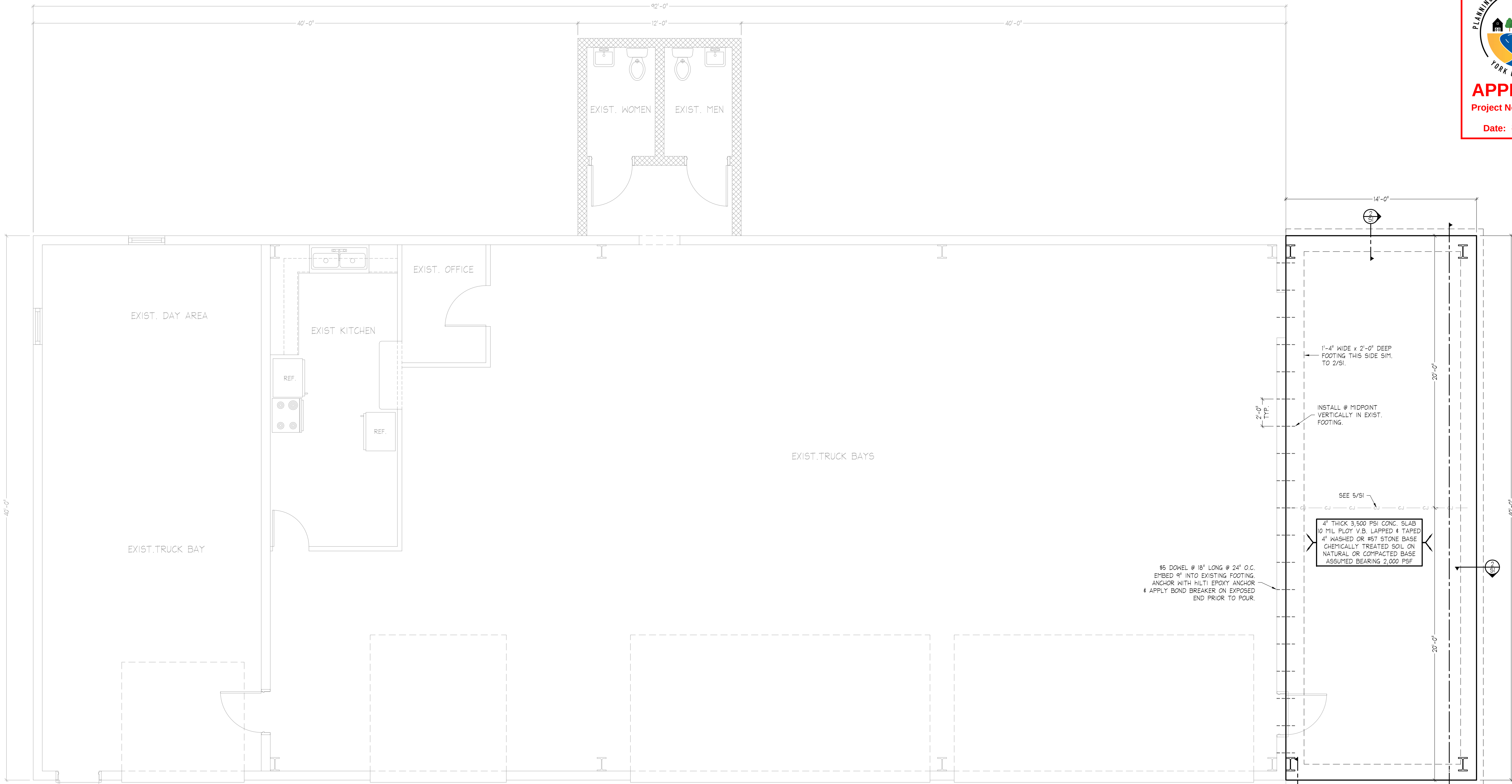
PLAN NORTH



NOTE TO PLANS EXAMINER:

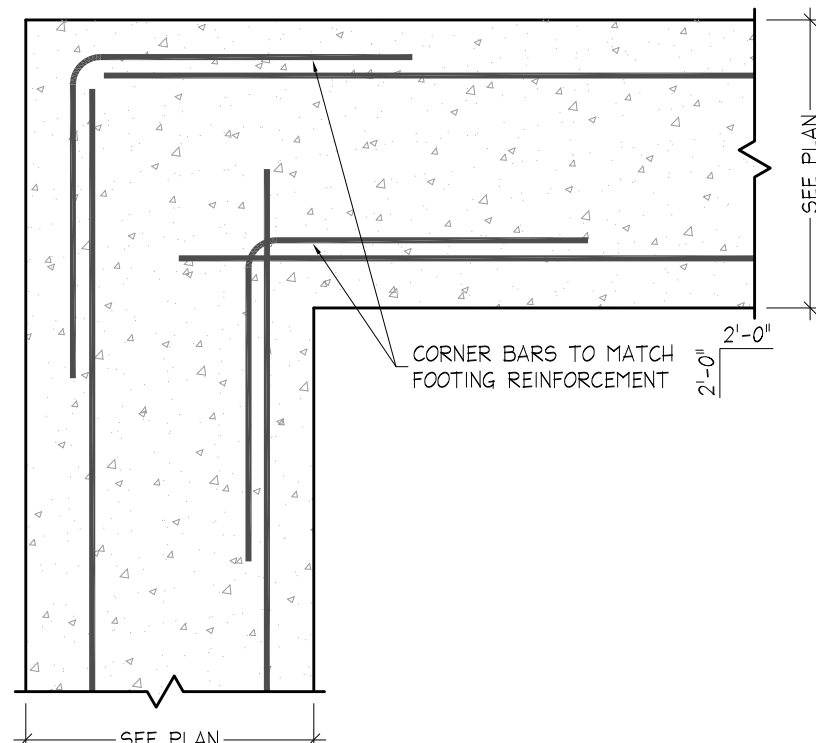
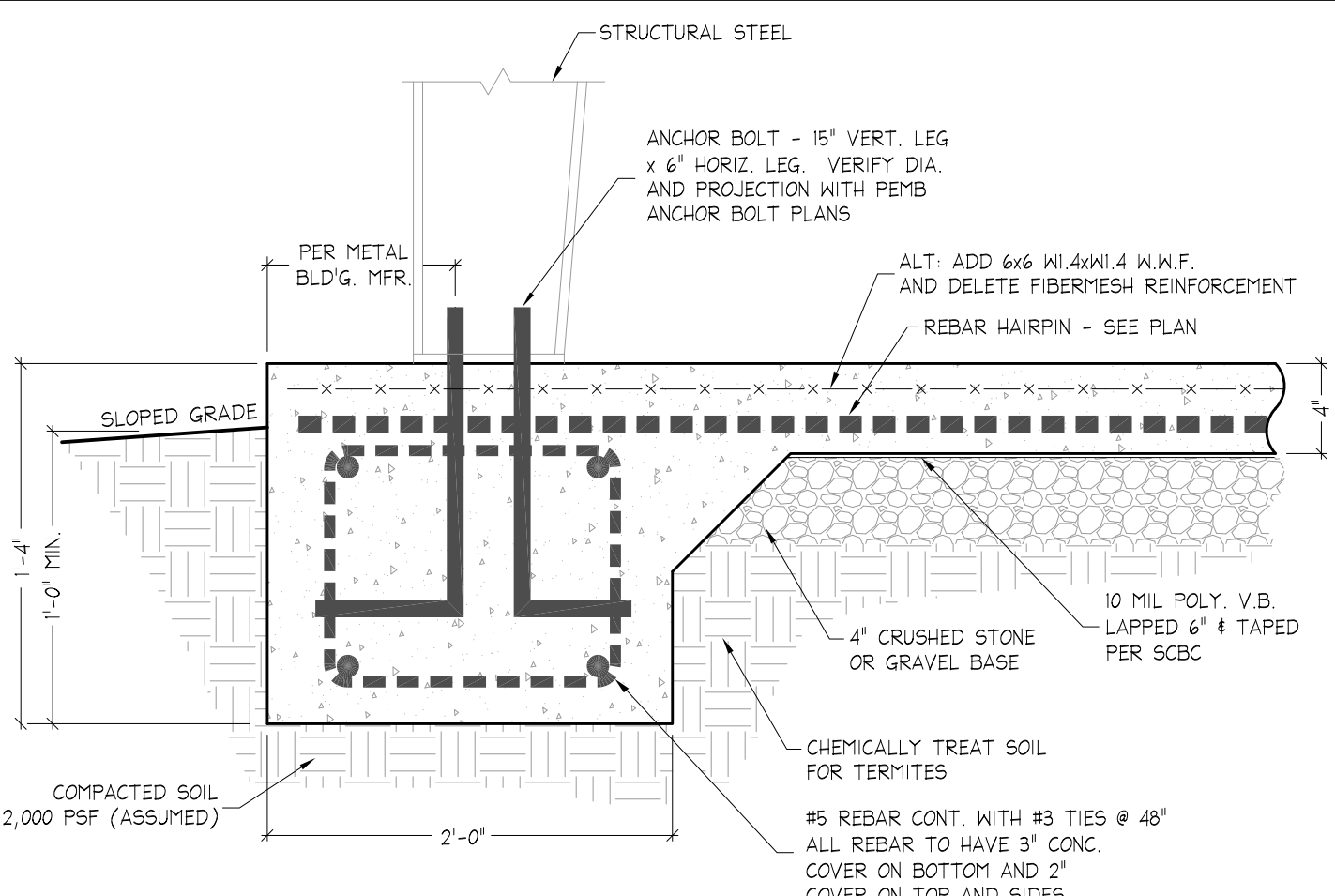
THE OWNER SHALL HIRE A SPECIAL INSPECTIONS COMPANY TO PERFORM THE REQUIRED SPECIAL INSPECTIONS.

1 FOUNDATION PLAN 1/4"=1'-0"



#5 DOWEL @ 18" LONG @ 24" O.C.
EMBED 8" INTO EXISTING FOOTING.
ANCHOR WITH HILTI EPOXY ANCHOR
& APPLY BOND BREAKER ON EXPOSED
END PRIOR TO POUR.

4" THICK 3,500 PSI CONC. SLAB
10 MIL POLY V.B. LAPPED & TAPED
4" WASHED OR #57 STONE BASE
CHEMICALLY TREATED SOIL ON
NATURAL OR COMPACTED BASE
ASSUMED BEARING 2,000 PSF



CONCRETE # REINFORCING NOTES:

1. CONCRETE IS TO BE 28-DAY COMPRESSIVE

STRENGTH: 3,500 PSI, DENSITY: 150 PCF,
AIR ENTRAINMENT: 5% TO 7%, USAGE: SLAB-ON-GRADE

2. CONCRETE SLAB-ON-GRADE IS TO BE REINFORCED WITH
6"x6"-W/4W/4 WELDED WIRE FABRIC, PLACED ON SUPPORTS SO
THAT THE REINFORCING IS AT THE MIDPOINT OF THE SLAB THICKNESS.

3. REINFORCING STEEL IS TO BE ASTM A615 GRADE 60, FABRICATED
AND PLACED IN ACCORDANCE WITH ACI 318. PROVIDE AN ACI TYPE
'A' TENSION SPLICE FOR ALL REINFORCING UNLESS SHOWN OR NOTED
OTHERWISE ON THE DRAWINGS.

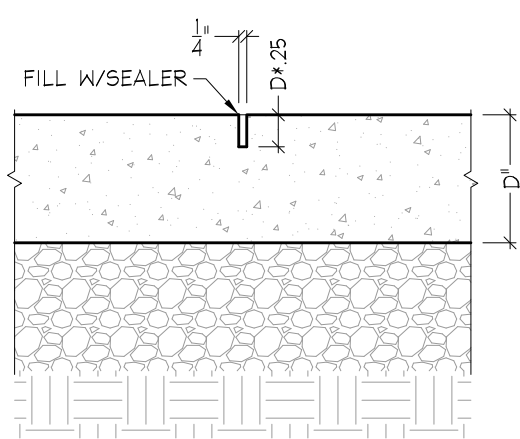
ALL REINFORCING STEEL LAPS SHALL BE A MINIMUM OF 36 BAR
DIAMETERS OR 24" LAP MINIMUM UNLESS NOTED OTHERWISE ON THE
DRAWINGS. USE CORNER BARS IN ALL CORNERS OF EACH RUN OF
LONGITUDINAL REINFORCING. CORNER BARS SHALL BE THE SAME
SIZE AND SPACING AS LONGITUDINAL BARS.

4. CONCRETE COVERAGE OF REINFORCING STEEL SHALL BE IN
ACCORDANCE WITH THE FOLLOWING SCHEDULE UNLESS NOTED
OTHERWISE ON THE DRAWINGS:

A. FOOTINGS AND GRADE BEAMS 3 INCHES
B. BEAMS AND COLUMNS 1-1/2 INCHES
C. SLABS 3/4 INCHES
D. SLABS ON GRADE 2 INCHES

GROUT:

1. GROUT UNDER COLUMN BASE PLATES AND BEAM BEARING PLATES IS
TO BE PLACED UNIFORMLY UNDER BEARING PLATES TO THE REQUIRED
BEARING ELEVATION.



2 FOOTING SECTION

NO SCALE
1/51

3 CORNER DETAIL

NO SCALE
1/51

4 CONC. NOTES

NO SCALE
1/51

5 CONTROL JNT.

NO SCALE
1/51



General Notes:

1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE 2021 SC EDITION OF THE SOUTH CAROLINA BUILDING CODE, AS WELL AS ALL LOCAL BUILDING CODES.
2. ANY PENETRATIONS INTO RATED ASSEMBLIES SHALL BE PERFORMED SO AS TO NOT ALTER OR DECREASE THE RATING OF THE ASSEMBLY.
3. APPROVED SIGNS SHALL BE POSTED AT ALL HANDICAPPED ACCESSIBLE ELEMENTS.
4. A TACTILE SIGN STATING "EXIT" IN RAISED VISUAL CHARACTERS AND BRAILLE AND COMPLYING WITH ICC A117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EGRESS STAIRWAY, AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE PER IBC 103.4.
5. ALL DOOR HARDWARE SHALL BE OF APPROVED BARRIER FREE DESIGN THAT REQUIRES NO TWISTING OR TURNING.
6. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
7. ALL FIRE RATED PARTITIONS SHALL BE LABELED ABOVE ALL DECORATIVE CEILINGS WITH THE WORDING "FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS".
8. ALL DECORATIVE CURTAINS & DRAPERIES SHALL BE NON-COMBUSTIBLE OR FLAME RESISTANT IN ACCORDANCE WITH NFPA 701. OWNER TO PROVIDE CERTIFICATION.
9. INSTALL MAXIMUM OCCUPANT CONTENT SIGN IN ALL ASSEMBLY AREAS IN ACCORDANCE WITH THE IBC.
10. DOORS INTO ELECTRICAL/MECHANICAL ROOMS SHALL BE LABELED WITH APPROPRIATE SIGNAGE PER IFC 605.3.1.
11. A SIGN STATING "EXIT" IN VISUAL CHARACTERS, RAISED CHARACTERS AND BRAIL, COMPLYING WITH ICC A117.1, SHALL BE PROVIDED ADJACENT TO ALL EXIT STAIRWAYS, PASSAGEWAYS, RAMPS AND DISCHARGES PER 103.4 OF THE 2021 IBC.
12. CARPETING FOR ALL EXIT ACCESS AREAS SHALL WITHSTAND A MINIMUM CRITICAL RADIANT FLUX OF 0.22 WATTS/SQ. CM. IN ACCORDANCE WITH NFPA 253. G.C. TO PROVIDE CERTIFICATION.
13. ALL EXISTING DIMENSIONS AND CONDITIONS SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCIES IN CONDITIONS OR DIMENSIONS, WHETHER IN THE FIELD OR ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
14. SUSPENDED CEILING SYSTEMS SHALL CONFORM TO C.I.S.C.A. SEISMIC ZONES 3 & 4 FOR SEISMIC RESTRAINT. PROVIDE CEILING GRID EXPANSION JOINTS FOR CEILING AREAS GREATER THAN 2,500 SQ. FT.
15. SUPPORT LAY-IN LIGHTS FROM EACH CORNER OF THE LIGHT TO THE STRUCTURE.
16. IT IS NOT INTENDED THAT THE DRAWINGS SHOW ALL DETAILS OF CONSTRUCTION, BUT THE GENERAL CONTRACTOR SHALL BE REQUIRED TO FURNISH AND INSTALL ALL MATERIALS NECESSARY TO COMPLETE THE SCOPE OF WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL PARTS WHICH MAY BE REQUIRED BY THE DRAWINGS AND SPECIFICATIONS. THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL PARTS WHICH MAY BE OMITTED BY THE SPECIFICATIONS OR VICE VERSA, JUST AS THOUGH REQUIRED BY BOTH. SHOULD THERE APPEAR TO BE ANY DISCREPANCIES OR A QUESTION OF INTENT, THE GENERAL CONTRACTOR SHALL REFER TO THE DESIGNER FOR DECISIONS AND HIS INTERPRETATION SHALL BE FINAL, CONCLUSIVE AND BINDING.

REVISIONS

Project Title:

BULLOCKS CREEK
VOLUNTEER FIRE
DEPARTMENT ADDITION
2250 SC HIGHWAY 97
SHARON, SC 29742

Sheet Title:

ARCHITECTURAL

Project No.:

5985

Drawn By:

MAC

Checked By:

MAC

Scale:

AS SHOWN

Sheet No.:

A1

Date:

2-18-2025

ISSUED FOR CODE REVIEW

DATE OF ISSUE: 3-25-2025

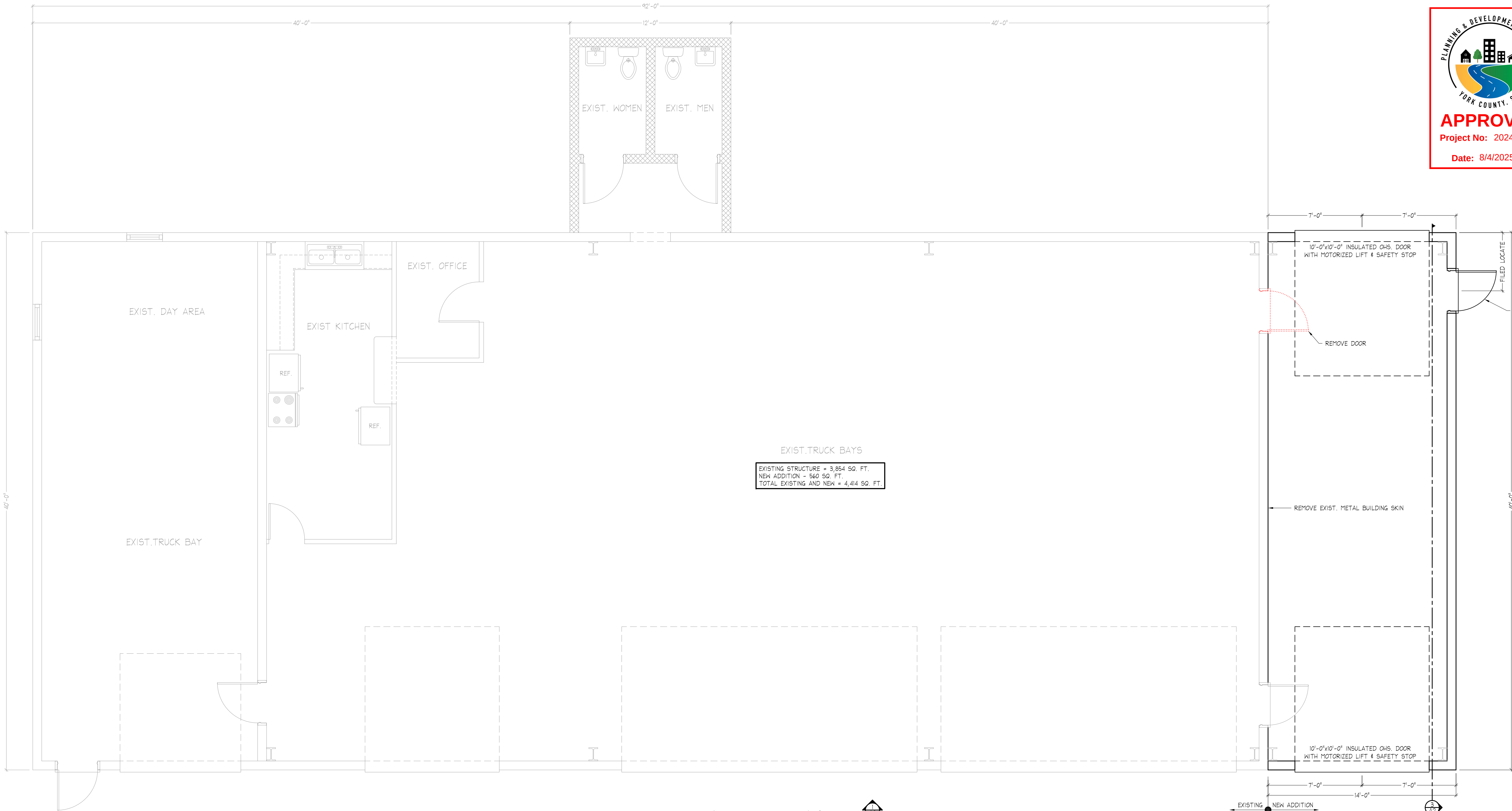
THESE PLANS HAVE NOT BEEN APPROVED BY THE BUILDING DEPARTMENT. PLANS SHOULD BE STAMPED "APPROVED FOR CONSTRUCTION" BY THE BUILDING DEPARTMENT PRIOR TO BIDDING OR CALCULATING TAKE-OFFS.

PLAN NORTH

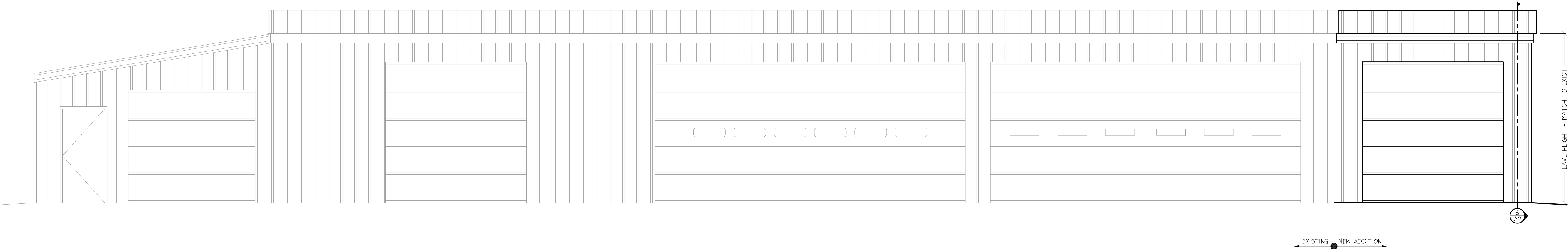


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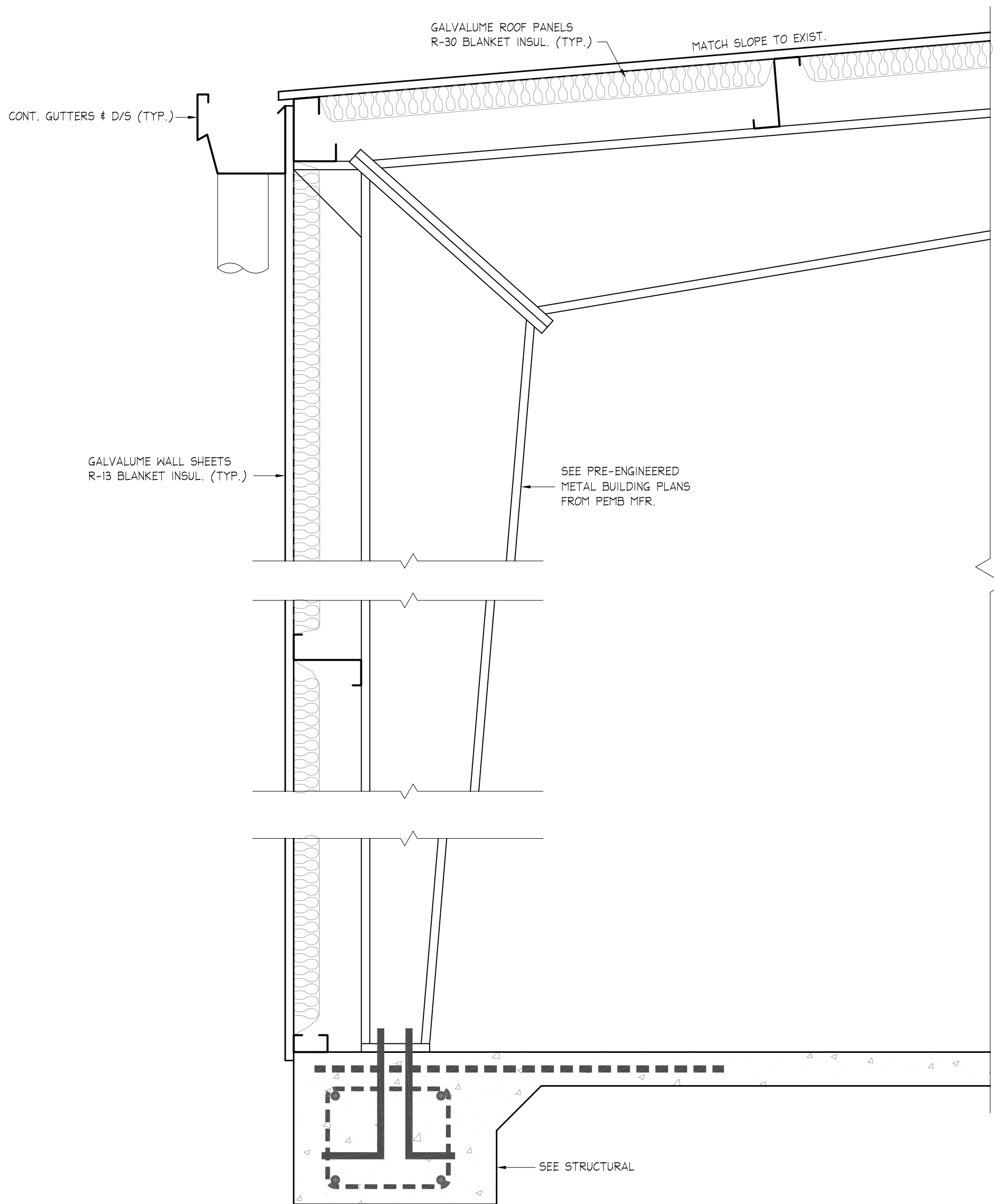
1 FLOOR PLAN
1/4"=1'-0"



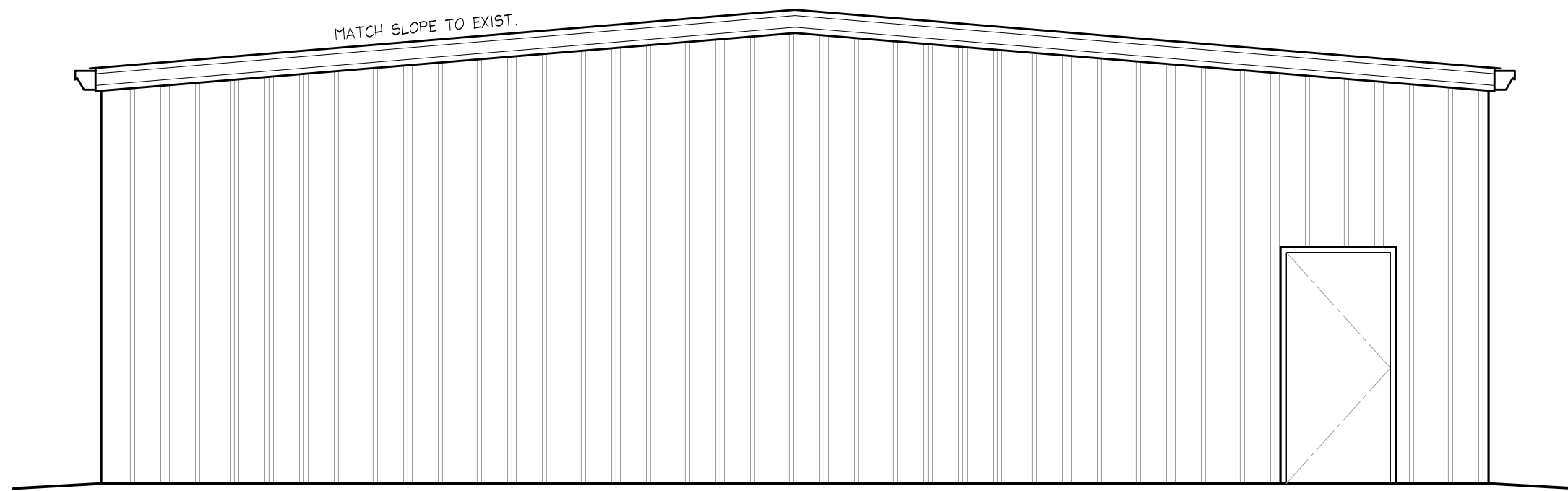
- General Notes:**
1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE 2021 EDITION OF THE SOUTH CAROLINA BUILDING CODE, AS WELL AS ALL LOCAL BUILDING CODES.
 2. ANY PENETRATIONS INTO RATED ASSEMBLIES SHALL BE PERFORMED SO AS TO NOT ALTER OR DECREASE THE RATING OF THE ASSEMBLY.
 3. APPROVED SIGNS SHALL BE POSTED AT ALL HANDICAPPED ACCESSIBLE ELEMENTS.
 4. A TACTILE SIGN STATING "EXIT" AND COMPLYING WITH ICCA117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EGRESS STAIRWAY, AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE PER IFC 101.3.
 5. ALL DOOR HARDWARE SHALL BE OF APPROVED BARRIER FREE DESIGN THAT REQUIRES NO TWISTING OR TURNING.
 6. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
 7. ALL FIRE RATED PARTITIONS SHALL BE LABELED ABOVE ALL DECORATIVE CEILINGS WITH THE WORDING "FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS".
 8. ALL DECORATIVE CURTAINS & DRAPERIES SHALL BE NON-COMBUSTIBLE OR FLAME RESISTANT IN ACCORDANCE WITH NFPA 701. OWNER TO PROVIDE CERTIFICATION.
 9. INSTALL MAXIMUM OCCUPANT CONTENT SIGN IN ALL ASSEMBLY AREAS IN ACCORDANCE WITH THE IBC.
 10. DOORS INTO ELECTRICAL/MECHANICAL ROOMS SHALL BE LABELED WITH APPROPRIATE SIGNAGE PER IFC 605.3.1.
 11. A SIGN STATING "EXIT" IN VISUAL CHARACTERS, RAISED CHARACTERS AND BRAIL, COMPLYING WITH ICCA117.1, SHALL BE PROVIDED ADJACENT TO ALL EXIT STAIRWAYS, PASSAGEWAYS, RAMPS AND DISCHARGES PER 1015.4 OF THE 2021 IBC.
 12. CARPETING FOR ALL EXIT ACCESS AREAS SHALL WITHSTAND A MINIMUM CRITICAL RADIANT FLUX OF 0.22 WATTS/SQ. CM, IN ACCORDANCE WITH NFPA 253. G.C. TO PROVIDE CERTIFICATION.
 13. ALL EXISTING DIMENSIONS AND CONDITIONS SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCIES IN CONDITIONS OR DIMENSIONS, WHETHER IN THE FIELD OR ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
 14. SUSPENDED CEILING SYSTEMS SHALL CONFORM TO C.I.S.C.A. SEISMIC ZONES 3 & 4 FOR SEISMIC RESTRAINT. PROVIDE CEILING GRID EXPANSION JOINTS FOR CEILING AREAS GREATER THAN 2,500 SQ. FT.
 15. SUPPORT LAY-IN LIGHTS FROM EACH CORNER OF THE LIGHT TO THE STRUCTURE.
 16. IT IS NOT INTENDED THAT THE DRAWINGS SHOW ALL DETAILS OF CONSTRUCTION, BUT THE GENERAL CONTRACTOR SHALL BE REQUIRED TO FURNISH AND INSTALL ALL MATERIALS NECESSARY TO COMPLETE THE SCOPE OF WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS. THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL PARTS WHICH MAY BE REQUIRED BY THE DRAWINGS AND OMITTED BY THE SPECIFICATIONS OR VICE VERSA, JUST AS THOUGH REQUIRED BY BOTH. SHOULD THERE APPEAR TO BE ANY DISCREPANCIES OR A QUESTION OF INTENT, THE GENERAL CONTRACTOR SHALL REFER TO THE DESIGNER FOR DECISIONS AND HIS INTERPRETATION SHALL BE FINAL, CONCLUSIVE AND BINDING.



① PLAN SOUTH ELEVATION
1/4"=1'-0"



③ TYP. WALL SECTION
1"=1'-0"



② PLAN EAST ELEVATION
1/4"=1'-0"



ISSUED FOR CODE REVIEW
DATE OF ISSUE: 3-25-2025
THESE PLANS HAVE NOT BEEN APPROVED BY THE BUILDING DEPARTMENT. PLANS SHOULD BE STAMPED "APPROVED FOR CONSTRUCTION" BY THE BUILDING DEPARTMENT PRIOR TO BIDDING OR CALCULATING TAKE-OFFS.



REVISIONS

Project Title:
**BULLOCKS CREEK
VOLUNTEER FIRE
DEPARTMENT ADDITION**
2250 SC HIGHWAY 97
SHARON, SC 29742

Sheet Title:
ARCHITECTURAL

Project No.: 5985
Drawn By: MAC
Scale: AS SHOWN
Date: 2-19-2025
Checked By: MAC
Sheet No.: A2

THE ARCHITECT HAS NOT BEEN RETAINED TO
PERFORM CONTRACT ADMINISTRATION SERVICES

- General Notes:**
1. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE 2021 SC EDITION OF THE SOUTH CAROLINA BUILDING CODE, AS WELL AS ALL LOCAL BUILDING CODES.
 2. ANY PENETRATIONS INTO RATED ASSEMBLIES SHALL BE PERFORMED SO AS TO NOT ALTER OR DECREASE THE RATING OF THE ASSEMBLY.
 3. APPROVED SIGNS SHALL BE POSTED AT ALL HANDICAPPED ACCESSIBLE ELEMENTS.
 4. A TACTILE SIGN STATING 'EXIT' IN RAISED VISUAL CHARACTERS AND BRAILLE AND COMPLYING WITH ICC A117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EGRESS STAIRWAY, AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE PER IBC 1013.4.
 5. ALL DOOR HARDWARE SHALL BE OF APPROVED BARRIER FREE DESIGN THAT REQUIRES NO TWISTING OR TURNING.
 6. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
 7. ALL FIRE RATED PARTITIONS SHALL BE LABELED ABOVE ALL DECORATIVE CEILINGS WITH THE WORDING 'FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS'.
 8. ALL DECORATIVE CURTAINS & DRAPERIES SHALL BE NON-COMBUSTIBLE OR FLAME RESISTANT IN ACCORDANCE WITH NFPA 701. OWNER TO PROVIDE CERTIFICATION.
 9. INSTALL MAXIMUM OCCUPANT CONTENT SIGN IN ALL ASSEMBLY AREAS IN ACCORDANCE WITH THE IBC.
 10. DOORS INTO ELECTRICAL/MECHANICAL ROOMS SHALL BE LABELED WITH APPROPRIATE SIGNAGE PER IFC 605.3.1.
 11. A SIGN STATING 'EXIT' IN VISUAL CHARACTERS, RAISED CHARACTERS AND BRAIL, COMPLYING WITH ICC A117.1, SHALL BE PROVIDED ADJACENT TO ALL EXIT STAIRWAYS, PASSAGEWAYS, RAMPS AND DISCHARGES PER 1013.4 OF THE 2021 IBC.
 12. CARPETING FOR ALL EXIT ACCESS AREAS SHALL WITHSTAND A MINIMUM CRITICAL RADIANT FLUX OF 0.22 WATTS/SQ. CM. IN ACCORDANCE WITH NFPA 253. G.C. TO PROVIDE CERTIFICATION.
 13. ALL EXISTING DIMENSIONS AND CONDITIONS SHALL BE VERIFIED IN THE FIELD. ANY DISCREPANCIES IN CONDITIONS OR DIMENSIONS, WHETHER IN THE FIELD OR ON THE DRAWINGS, SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
 14. SUSPENDED CEILING SYSTEMS SHALL CONFORM TO C.I.S.C.A. SEISMIC ZONES 3 & 4 FOR SEISMIC RESTRAINT. PROVIDE CEILING GRID EXPANSION JOINTS FOR CEILING AREAS GREATER THAN 2,500 SQ. FT.
 15. SUPPORT LAY-IN LIGHTS FROM EACH CORNER OF THE LIGHT TO THE STRUCTURE.
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APPROVED

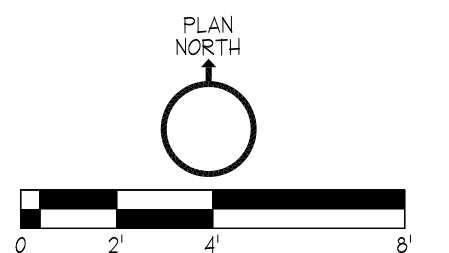
Project No: 20243741

Date: 8/4/2025

ISSUED FOR CODE REVIEW

DATE OF ISSUE: 3-25-2025

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1 LIFE SAFETY PLAN
1/4"=1'-0"



REVISIONS

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VOLUNTEER FIRE
DEPARTMENT ADDITION
2250 SC HIGHWAY 97
SHARON, SC 29742

Sheet Title:

ARCHITECTURAL

Project No.:

5985

Drawn By:

MAC

Checked By:

MJE

Scale:

AS SHOWN

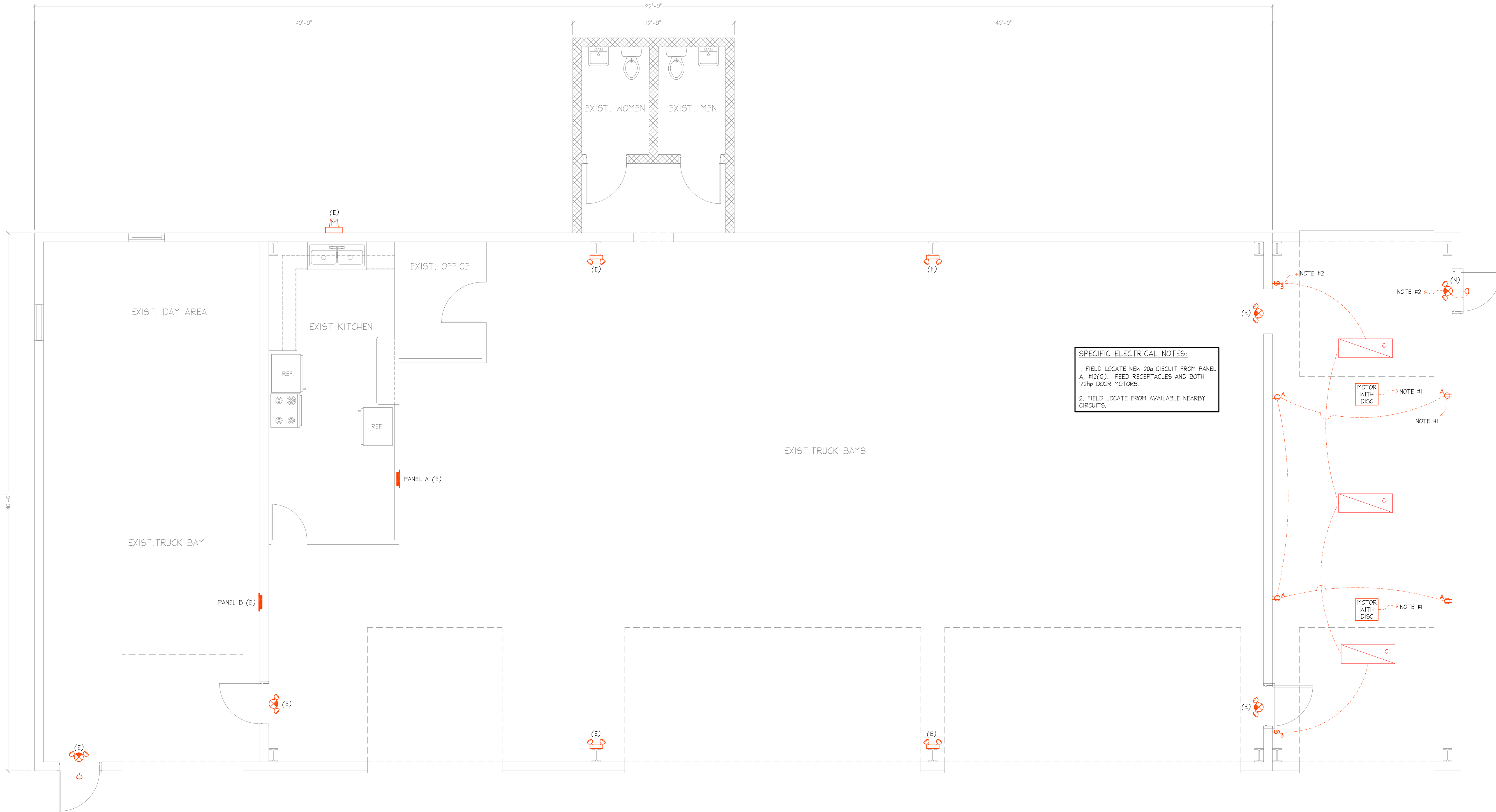
Sheet No.:

A3

Date:

2-18-2025

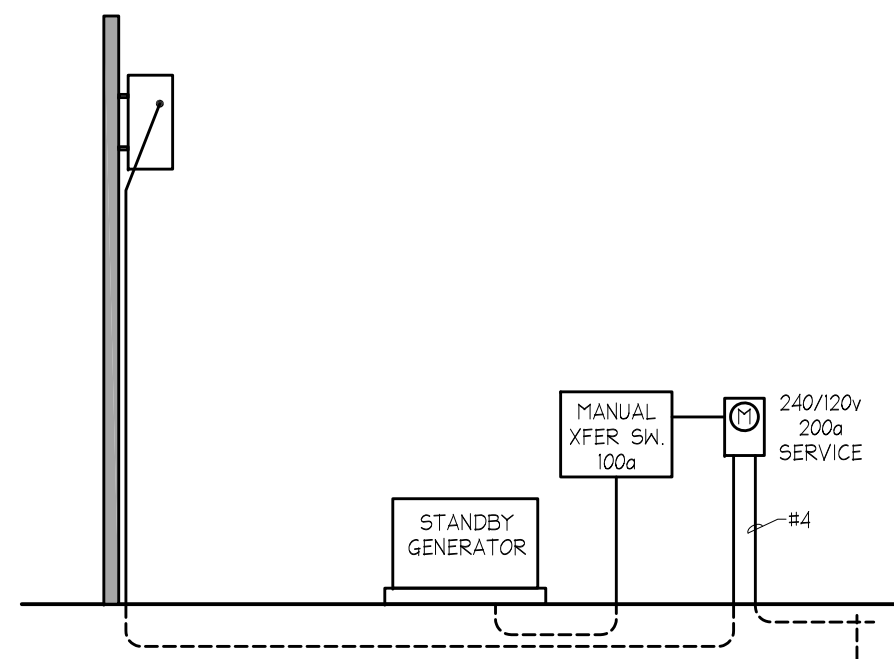
- General Notes:**
- THESE DRAWINGS AND ELECTRICAL INSTALLATIONS WERE PREPARED AND INSTALLED PER THE 2020 NATIONAL ELECTRICAL CODE AND THE AUTHORITY HAVING JURISDICTION (AHL).
 - MARKED EQUIPMENT LOCATIONS ARE FOR BEST REFERENCE AND INFORMATION.
 - PENETRATIONS THROUGH WALL AND CEILING ASSEMBLIES SHALL NOT ALTER FIRE, WATER, MOISTURE AND AIR CODE RATINGS.
 - ALL MATERIALS SHALL BE NEW AND LISTED WITH A U.S. AGENCY SUCH AS: "UL", "MET LABS", "ETL", ETC. MARKS SHOWING "CE" ONLY, WITHOUT AGENCY MARKS, ARE NOT ACCEPTABLE.
 - PANELBOARD CIRCUITS SHALL BE PERMANENTLY MARKED WITH NAME AND USE.
 - MARK A 36" CLEAR FLOOR SPACE IN FRONT OF ALL PANELBOARDS WITH EITHER YELLOW TAPE OR PAINT THE WIDTH OF THE PANELBOARD.
 - UNLESS OTHERWISE MARKED, CONDUCTORS SHALL BE COPPER, DUAL LISTED THHN/THWN, RATED 90°C, SIZED PER PANELBOARD SCHEDULE. TYP. "NM" NON-METALLIC SHEATHED CABLE SHALL NOT BE USED.
 - PER NEC 110.14(C)(6)(3), 60° C TABLE IS USED FOR WIRING SIZES 1000 AND LESS. FIELD USE OF 75° C WIRE TABLE MAY BE USED, ONLY IF ALL EQUIPMENT IS MARKED AT LEAST 75° C USE.
 - ELECTRICAL CONTRACTOR SHALL VERIFY OLD/NEW EQUIPMENT COMPATIBILITY, FURNISH, INSTALL, AND GUARANTEE WORKMANSHIP FOR ONE YEAR. CONTRACTOR SHALL PROVIDE EQUIPMENT WARRANTY INFORMATION TO THE OWNER AT THE CLOSE OF THE PROJECT.
 - CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER OF ERRORS OR OMISSIONS. THE ENGINEER SHALL RENDER FINAL DECISIONS.
 - CONTRACTOR IS RESPONSIBLE AND SHALL ENFORCE THEIR ELECTRICAL WORKER SAFETY POLICIES ON SITE SUCH AS: NECK TIE, PPE, LOCK OUT TAG OUT, AND SAFETY TAPE.
 - IF NOT PROVIDED BY MANUFACTURER, FLASH PROTECTION WARNING LABELS SHALL BE PLACED ON APPLICABLE EQUIPMENT FOR THIS PROJECT PER ARTICLE 110.16.
 - IF APPLICABLE, PROVIDE A 200A DISCONNECT SWITCH AT OVERHEAD DOOR MOTORS.
 - THE LIGHTING SYSTEM IS DESIGNED TO PROVIDE AN EMERGENCY LIGHTING ILLUMINATION LEVEL OF ONE (1) FOOT CANDLE AT THE WALKING SURFACE FOR A MINIMUM OF NINETY (90) MINUTES UPON A LIGHTING SYSTEM POWER FAILURE.



SPECIFIC ELECTRICAL NOTES:

- FIELD LOCATE NEW 200A CIRCUIT FROM PANEL A, #12(G). FEED RECEPTACLES AND BOTH 1/2hp DOOR MOTORS.
- FIELD LOCATE FROM AVAILABLE NEARBY CIRCUITS.

1 POWER/LIGHTING PLAN
1/4" = 1'-0"

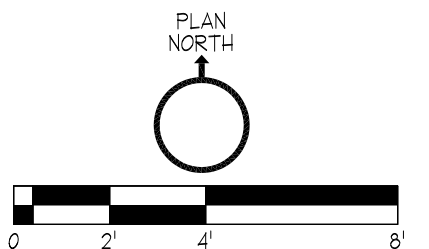


2 POWER RISER
NO SCALE - NO CHANGES



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NOTE:
THE ELECTRICAL SYSTEM ON THIS DRAWING HAS BEEN DRAFTED IN RED INK. USE A PRINTING SERVICE THAT WILL PRINT THIS DRAWING IN COLOR FOR OPTIMUM CLARITY.

REVISIONS

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VOLUNTEER FIRE
DEPARTMENT ADDITION
2250 SC HIGHWAY 97
SHARON, SC 29742

Sheet Title:

ELECTRICAL

Project No.:

5985

Drawn By:

MAC

Checked By:

MAC

Scale:

AS SHOWN

Sheet No.:

E1

Date:

2-18-2025