



MAJOR APPLICATION: NEW BUSINESS

Rivers Funeral Home

415 Red Bank Road

Site, Parking, Landscaping, Elevations, Materials and Colors



ARB SCOPE OF WORK FORM /

APPLICATION / INFORMATION SUMMARY

DEPARTMENT OF PLANNING AND ZONING 843-797-6220 EXT. 1118

P.O. Drawer 1768

519 N. Goose Creek Blvd.

Goose Creek, South Carolina 29445-1768

www.cityofgoosecreek.com

Fax: 843-863-5208

Property Address:		TMS No.: 244-13-06-033
Review request:	For:	Preliminary meeting date requested:
<input checked="" type="checkbox"/> Preliminary	<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alterations / Additions	<input type="checkbox"/> Appeal Decision of Architectural Review Board
<input checked="" type="checkbox"/> Final	<input type="checkbox"/> Color Change <input type="checkbox"/> Demolition <input type="checkbox"/> Other	

Property Owner: RIVERS FUNERAL HOME	Daytime phone: 843 729-5192
Applicant: JOHN E. GARDNER	Daytime phone: 843 670-0351
ARB Meeting Representative: JOHN E. GARDNER	Contact information: "
Applicant's mailing address: 244 AVINGER RD	
City: HUGER	State: SC Zip: 29450
Applicant's e-mail address: HUGERARCHITECT@GMAIL.COM	
Applicant's relationship: <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Design Professional <input type="checkbox"/> Contractor <input type="checkbox"/> Real Estate Agent/Broker <input type="checkbox"/> Other	

Materials/Colors Used: (specific color(s)/manufacture #'s listed: samples must be presented to Board attached)
(Example: Building Materials, Exterior Colors, Landscaping, Lighting)

Scope of Work: (please give a detailed description)

CONSTRUCTION OF NEW CREKETORY. CONSTRUCTION OF parking, utility, and drainage infrastructure. Includes site and buffer plantings.

I hereby acknowledge by my signature below that the foregoing application is complete and accurate and that I am the owner of the subject property or an authorized representative. I authorize the subject property to be posted and inspected, and the application to be heard by the Architectural Review Board of the City of Goose Creek on the date specified.

Applicant's signature: [Signature] **Date:** 30 Nov 20

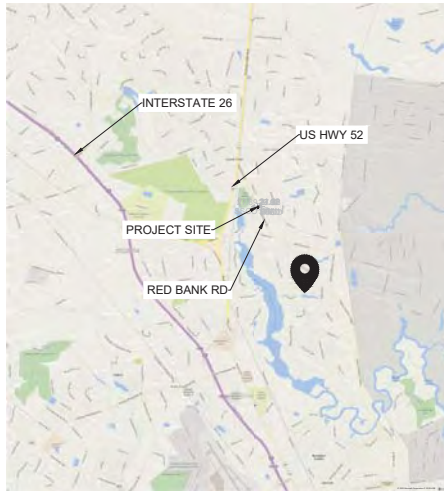
Print name legibly: JOHN E. GARDNER

415 RED BANK ROAD

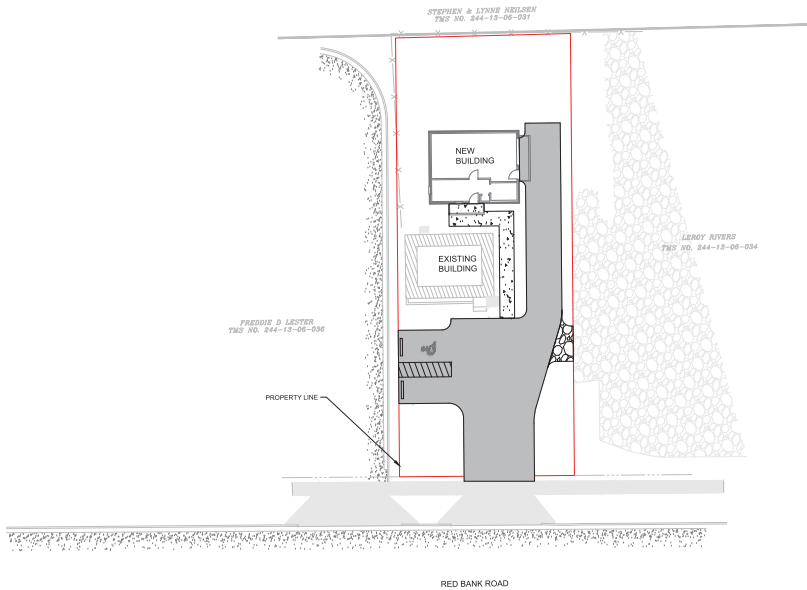
GOOSE CREEK, SOUTH CAROLINA

TMS# 244-13-06-035

SITE LOCATION MAP



SITE OVERVIEW



PROJECT DESCRIPTION

THE PROJECT IS TO INCLUDE CONSTRUCTION OF AN ASPHALT PARKING LOT AND SIDEWALK EXTENSION TO SERVE A NEW 750 SF CREMATORY BUILDING. SITE IMPROVEMENTS WILL CONSIST OF SIDEWALKS, DRIVEWAY, LANDSCAPE, AND WATER/SEWER SERVICES.

GENERAL NOTES

FLOOD ZONE INFORMATION:
 THIS PROPERTY IS LOCATED IN FLOOD ZONE X PER FEMA FLOOD INSURANCE RATE MAP. SEE COMMUNITY PANEL MAP NUMBER 45015C0685E DATED DECEMBER 7, 2018.

EXISTING UTILITIES WARNING
 THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING ANY WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE WHICH MIGHT OCCUR DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO BEGINNING CONSTRUCTION.

ALL DIMENSIONS ARE TO EDGE OF PAVEMENT, FACE OF CURB, FACE OF BUILDING, OR FACE OF WALK. SPOT ELEVATION ARE FINISHED GRADE.

TOTAL SITE ACREAGE: 0.205 ACRES
TOTAL LAND DISTURBANCE: 0.2 ACRES

VERTICAL DATUM: NAVD88

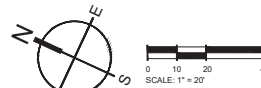
ZONING:
 GENERAL COMMERCIAL (GC)

ZONING REQUIREMENTS:
 BUFFERS: 30' TYPE ONE BUFFER
 SETBACKS: FRONT: 20'
 REAR: 20'
 SIDE: 10'

ADJACENT LAND USES:
 TO NORTHWEST: GC
 TO SOUTHEAST: GC
 TO NORTHEAST: R-1

BUILDING HEIGHT: 23'

TOTAL SITE IMPERVIOUS AREA: 0.11 AC (4,727 SF)



C1.0	TITLESHEET
C1.1	LEGEND & REVISION NOTES
C2.0	EXISTING CONDITIONS
C3.0	SWPP & DEMO PLAN
C3.1	SWPPP DETAILS
C3.2	SWPPP NOTES
C4.0	SITE PLAN
C4.1	SITE DETAILS
C5.0	GRADING & DRAINAGE PLAN
C6.0	WATER & SEWER PLAN
C6.1	WATER & SEWER DETAILS
L1.0	LANDSCAPE PLAN
L1.1	PLANT SCHEDULE & DETAILS & NOTES
L2.0	RENDERED LANDSCAPE PLAN

SEE SHEET C1.1 FOR SUMMARY OF REVISION HISTORY

PROJECT CONTACTS

OWNER:
 RIVERS FUNERAL HOME
 421 RED BANK ROAD
 GOOSE CREEK, SC 29445
 CONTACT: LEROY RIVERS
 PHONE: 843-824-2200 x4263

CIVIL ENGINEER & LANDSCAPE ARCHITECT:
 SEAMON WHITESIDE & ASSOCIATES, LLC
 501 WANDO PARK BLVD., SUITE 200
 MOUNT PLEASANT, SC 29464
 CONTACT: MARISSA POULTNEY
 PHONE: 843-884-1667

SURVEYOR:
 GPA PROFESSIONAL LAND SURVEYORS
 281 TREELAND DR, SUITE B
 MOUNT PLEASANT, SC 29456
 CONTACT: JOHNATHAN F. BURNS
 PHONE: 843-285-2424

UTILITY CONTACTS:

WATER
 CITY OF GOOSE CREEK
 DEPARTMENT OF PUBLIC WORKS
 200 BLUTTON HALL AVENUE
 GOOSE CREEK, SC 29445
 CONTACT: CHUCK DENSON
 PHONE: 843-824-2200 x4263

SEWER
 BERKELEY COUNTY WATER & SANITATION
 212 OAKLEY PLANTATION DR,
 MONCK'S CORNER, SC 29461
 CONTACT: TOMMY HARRIS
 PHONE: 843-719-2331

MUNICIPALITY CONTACTS:
PLANNING & ZONING
 CITY OF GOOSE CREEK
 519 NORTH GOOSE CREEK BLVD
 GOOSE CREEK, SC 29445
 CONTACT: MARK J. BRODEUR
 PHONE: 843-719-6220 x1118

ELECTRIC
 BERKELEY ELECTRIC COOPERATIVE
 2 SPRINGHALL DRIVE
 GOOSE CREEK, SC 29445
 CONTACT: KEVIN MIMS
 PHONE: 843-899-8442

GAS
 DOMINION ENERGY
 2382 WEST AVIATION AVENUE
 NORTH CHARLESTON, SC 29406
 CONTACT: JAMES PALMER
 PHONE: 843-576-8452

ENGINEERING
 BERKELEY COUNTY ENGINEERING
 212 OAKLEY PLANTATION DR,
 MONCK'S CORNER, SC 29461
 CONTACT: JAMES WATKINS
 PHONE: 843-719-4127



415 RED BANK ROAD
 RIVERS FUNERAL HOME
 GOOSE CREEK, SC

SW-PROJECT: 8505
 DATE: 8/31/2020
 DRAWN BY: MAP
 CHECKED BY: AEMR

REVISION HISTORY

A	8/31/20
B	10/1/20
C	10/8/20
D	12/17/20

TITLESHEET

THIS DRAWING SHALL NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE WITHOUT WRITTEN PERMISSION.

601 HANCOCK PARK BOULEVARD, SUITE 200 | MOUNT PLEASANT, SC 29568 | 803.967.5787 | WWW.SWANHITESIDE.COM

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943.884.1987
GREENVILLE, SC
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843.972.0710
SPARTANBURG, SC
864.272.1272
CHARLOTTE, NC
980.312.5450
WWW.SWANHITESIDE.COM



415 RED BANK ROAD
RIVERS FUNERAL HOME
GOOSE CREEK, SC

SW+ PROJECT: 8505
DATE: 8/31/2020
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REVISION HISTORY	
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LEGEND & REVISION NOTES

DRAWING LEGEND

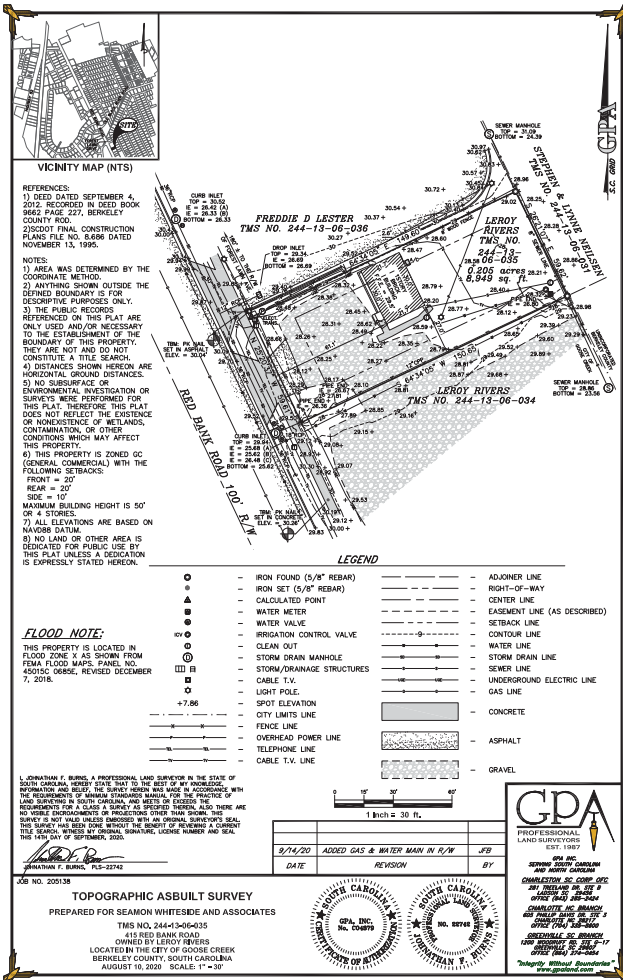
OBJECTS AND SYMBOLS	EXISTING	NEW	OBJECTS AND SYMBOLS	EXISTING	NEW	ABBREVIATIONS	EXISTING	NEW	SWPP PLAN LEGEND
Adjoining Property Line	--- --	N/A	Benchmark	⊕	N/A	Sewer Easement	Ex. S.E.	S.E.	Turf Reinforcement Mat (See Turf and Grasses Specs)
Centerline	— — — — —	(Same as Existing)	Sanitary Sewer Manhole	⊕	N/A	Storm Easement	Ex. W.E.	W.E.	Sodding (See Turf and Grasses Specs)
Easement	— — — — —	(Same as Existing)	Sanitary Sewer Manhole ID #	⊕	N/A	Drainage Easement	Ex. D.E.	D.E.	Surface Roughening (See Submittals to SC Notes)
Setback	(Same as Existing)	Sanitary Sewer Cleanout	⊕	N/A	General Utility Easement	Ex. G.U.E.	G.U.E.	Temporary Seeding (See Submittals to SC Notes)
Sanitary Sewer (Gravity)	— ES — ES	— S — S	Double Sanitary Sewer Service (Residential Only)	⊕	N/A	Access Easement	Ex. A.E.	A.E.	Mulching (See Turf and Grasses Specs)
Sanitary Sewer (Force Main)	— EFM — EFM	— FM — FM	Single Sanitary Sewer Service (Residential Only)	⊕	N/A	Ingress/Egress Easement	Ex. IE.E.	IE.E.	Typical Lot Erosion Control Plan (See Detail)
Water Line	— EW — EW	— W — W	TYPE 1 Storm Drainage Structure	⊕	N/A	Pond Maintenance Easement	Ex. P.M.E.	P.M.E.	Flexible Growth Medium (See Turf and Grasses Specs)
Curb & Gutter (Height)	=====	=====	TYPE 16 Storm Drainage Structure	⊕	N/A	Water Surface Elevation	Ex. W.S.E.	W.S.E.	Erosion Control Blanket (See Turf and Grasses Specs)
Storm Drain	— ED — ED	— RD — RD	TYPE 17 Storm Drainage Structure (Right)	⊕	N/A	Polyvinyl Chloride Pipe	Ex. PVC	PVC	Dust Control
Roof Drain	— ERD — ERD	— RD — RD	TYPE 17 Storm Drainage Structure (Left)	⊕	N/A	Reinforced Concrete Pipe	Ex. RCP	RCP	Banded Flow Matrix (See Turf and Grasses Specs)
Subsurface Drainage	— EUD — EUD	— UD — UD	TYPE 18 Storm Drainage Structure	⊕	N/A	High Density Compacted Polyethylene Pipe	Ex. HDPE	HDPE	Concrete Washout Basin (See Detail)
SB Fence, Standard	— ESF — ESF	— SF — SF	Curb Basin	⊕	N/A	Ductile Iron Pipe	Ex. DIP	DIP	Block & Stone Inlet Protection (See Detail)
SB Fence, Reinforced	— ERSF — ERSF	— RSF — RSF	Isolation Box	⊕	N/A	Compacted Metal Pipe	Ex. CMP	CMP	Temp. Sediment Control Tube (See Detail)
Phase Line	N/A	=====	Storm Drainage Junction Structure	⊕	N/A	Home Owner's Association	Ex. HOA	HOA	Temp. Rock Ditch Checks (See Detail)
Waterhead Limit	N/A	=====	Yard Inlet	⊕	N/A	Property Owners Association	Ex. POA	POA	Turf Reinforcement Mat Outlet Protection (See Detail and Turf and Grasses Specs)
Flood Zone	=====	N/A	Storm Drainage Structure ID #	⊕	N/A				Fiber Fabric Inlet Protection (See Detail)
Conduit	— EC — EC	— C — C	Telephone Box	⊕	N/A				Temp. Curb Inlet Wrap Filter (See Detail)
Natural Gas	— EG — EG	— G — G	Telephone Manhole	⊕	N/A				Curb Inlet Sediment Filter (See Detail)
Overhead Electrical	— EP — EP	— P — P	Electrical Box	⊕	N/A				Bath Curb Inlet Filters (See Above)
Underground Electrical	— EUP — EUP	— UP — UP	Electrical Manhole	⊕	N/A				Construction Entrance
Underground Telephone	— ET — ET	— T — T	Power Pole	⊕	N/A				
Underground Cable	— ETV — ETV	— TV — TV	Light Pole	⊕	N/A				
Underground Fiber Optic	— EFO — EFO	— FO — FO	Fire Hydrant Assembly	⊕	N/A				
Fence	— X — X	— O — O	Water Elbow	⊕	N/A				
Elevation Contour	— — — — —	— — — — —	Water Line Bend, Angle Valve	⊕	N/A				
Revision Cloud (Encloses Revision)	N/A	=====	Water Line Valve	⊕	N/A				
			Water Line Reducer	⊕	N/A				
			Single Water Service (Residential Only)	⊕	N/A				
			Double Water Service (Residential Only)	⊕	N/A				
			Sign	⊕	N/A				
			ADA Accessible Parking Space	⊕	N/A				
			Spot Elevation	⊕	N/A				
			Waterhead Area	⊕	N/A				
			Detail ID #	⊕	N/A				
			Keynote	⊕	N/A				
			Parking Coord ID #	⊕	N/A				
			Lot #	⊕	N/A				
			Revision ID #	⊕	N/A				
			Rip Rap at Pipe Outlet	⊕	N/A				

HATCH PATTERNS

Freshwater Wetland	
Freshwater Wetland Buffer	
Saltwater Marsh	
Saltwater Marsh Buffer	
Site Clearing Area	

NOTE: LEGEND DOES NOT APPLY TO SHEET C2.0, WHICH IS IN ITS ORIGINAL FORMAT AS RECEIVED FROM THE SURVEYOR.

SUBMITTALS
 A. GOOSE CREEK WATER SUBMITTAL
 DATE: 10/8/20
 B. SCDH-C-03RM SUBMITTAL
 DATE: 10/20/20
 C. BERKLEY COUNTY ENGINEERING AND BCWS SUBMITTAL
 DATE: 10/8/20
 D. GOOSE CREEK ARCHITECTURAL REVIEW BOARD & BCWS RESUBMITTAL
 DATE: 12/17/20



REFERENCES:
 1) DEED DATED SEPTEMBER 4, 2012, RECORDED IN DEED BOOK 9642 PAGE 227, BERKELEY COUNTY E.O.
 2) SDCOF FINAL CONSTRUCTION PLANS FILE NO. 84586 DATED NOVEMBER 13, 1995.

NOTES:
 1) AREA WAS DETERMINED BY THE COORDINATE METHOD.
 2) ANYTHING SHOWN OUTSIDE THE DEFINED BOUNDARY IS FOR DESCRIPTIVE PURPOSES ONLY.
 3) THE PUBLIC RECORDS REFERENCED ON THIS PLAT ARE ONLY USED AND/OR NECESSARY TO THE ESTABLISHMENT OF THE BOUNDARY OF THIS PROPERTY. THEY ARE NOT AND DO NOT CONSTITUTE A TITLE SEARCH.
 4) DISTANCES SHOWN HEREON ARE HORIZONTAL GROUND DISTANCES.
 5) NO SURFACE OR ENVIRONMENTAL INVESTIGATION OR SURVEYS WERE PERFORMED FOR THIS PLAT. THEREFORE THIS PLAT DOES NOT REFLECT THE EXISTENCE OR NONEXISTENCE OF WETLANDS, CONTAMINATION, OR OTHER CONDITIONS WHICH MAY AFFECT THIS PROPERTY.
 6) THIS PROPERTY IS ZONED GC (GENERAL COMMERCIAL) WITH THE FOLLOWING SETBACKS:
 FRONT = 20'
 REAR = 20'
 SIDE = 10'
 MAXIMUM BUILDING HEIGHT IS 50' OR 4 STOREYS.
 7) ALL ELEVATIONS ARE BASED ON NAVD83 DATUM.
 8) NO LAND OR OTHER AREA IS DEDICATED FOR PUBLIC USE BY THIS PLAT UNLESS A DEDICATION IS EXPRESSLY STATED HEREON.

FLOOD NOTE:
 THIS PROPERTY IS LOCATED IN FLOOD ZONE 1 AS SHOWN FROM FEMA FLOOD MAPS, PANEL NO. 45070-C086, REVISED DECEMBER 7, 2016.

LEGEND

○	IRON FOUND (5/8" REBAR)	---	ADJOINER LINE
●	IRON SET (5/8" REBAR)	---	RIGHT-OF-WAY
▲	CALCULATED POINT	---	CENTER LINE
■	WATER METER	---	EASEMENT LINE (AS DESCRIBED)
⊙	WATER VALVE	---	SETBACK LINE
⊕	IRRIGATION CONTROL VALVE	---	CONTOUR LINE
○	CLEAN OUT	---	WATER LINE
⊙	STORM DRAIN MANHOLE	---	STORM DRAIN LINE
⊕	STORM/DRAINAGE STRUCTURES	---	SEWER LINE
■	CABLE T.V.	---	UNDERGROUND ELECTRIC LINE
○	LIGHT POLE	---	GAS LINE
○	SPOT ELEVATION	---	CONCRETE
○	CITY LIMITS LINE	---	ASPHALT
---	FENCE LINE	---	TELEPHONE LINE
---	OVERHEAD POWER LINE	---	CABLE T.V. LINE
---	TELEPHONE LINE	---	GRAVEL

L. JOHNSON F. BURD, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF SOUTH CAROLINA, HEREBY CERTIFIES THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE SURVEY HEREIN WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF NAD83, THE NATIONAL TRIANGULAR NETWORK, AND THE REQUIREMENTS OF NAD83, THE NATIONAL TRIANGULAR NETWORK, AND THE REQUIREMENTS FOR A CLASS A SURVEY AS SET FORTH IN THE SOUTH CAROLINA SURVEYING ACT OF 1992, AS AMENDED. ALSO, THERE ARE NO UNRECORDED ENCUMBRANCES OR INTERESTS AFFECTING THIS SURVEY. THIS SURVEY IS NOT VALID UNLESS ENDORSED WITH AN ORIGINAL SURVEYOR'S SEAL. THIS SURVEY HAS BEEN DONE WITHOUT THE BENEFIT OF REVIEWING A CURRENT TITLE SEARCH, WHICH IS THE RESPONSIBILITY OF THE CLIENT. LICENSE NUMBER AND SEAL: L. JOHNSON F. BURD, LICENSE NO. 155-22742, EXPIRES 9/30/2023.

1" = 30' FT.

DATE	REVISION	BY
3/14/20	ADDED GAS & WATER MAIN IN R/W	JFB

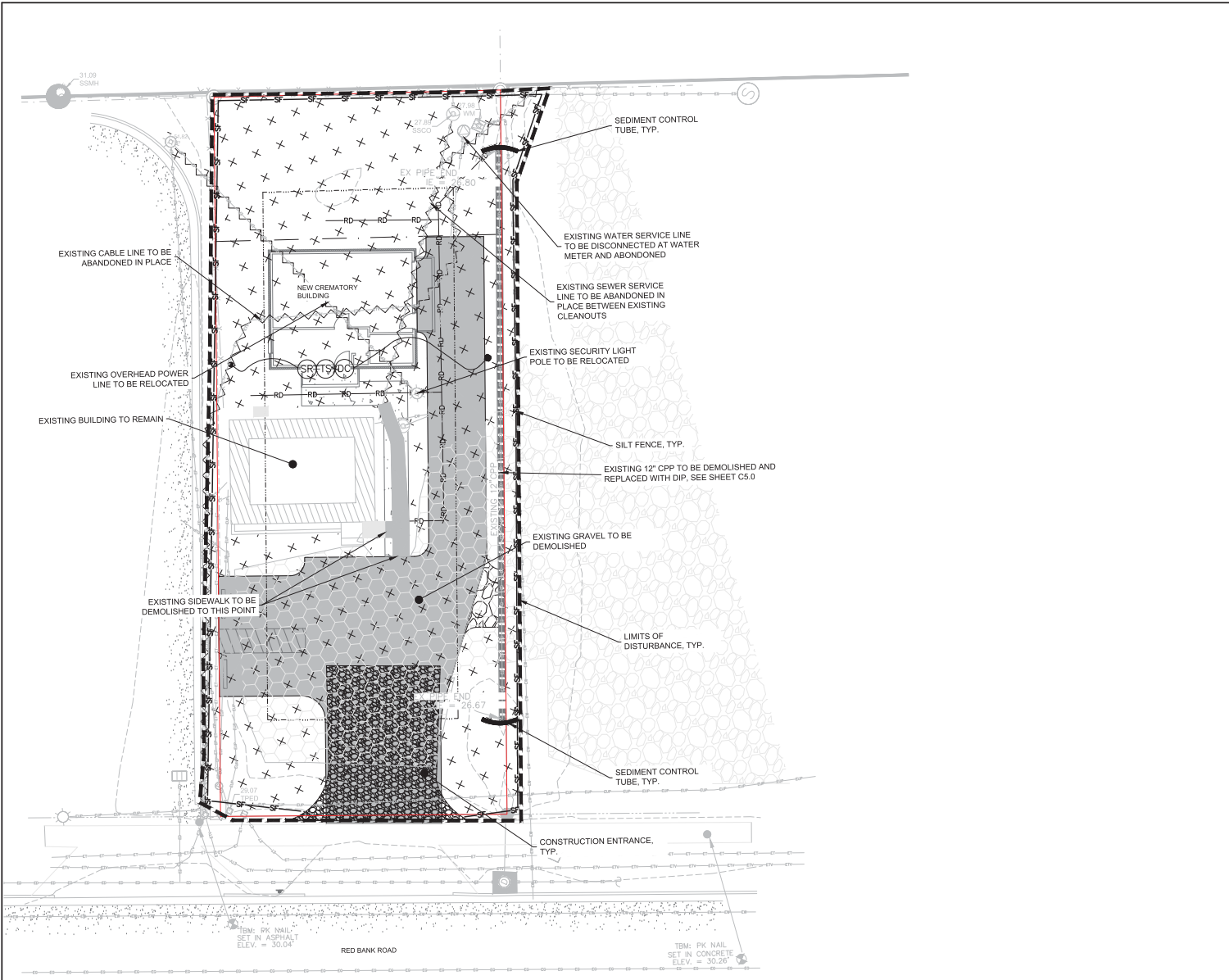
TOPOGRAPHIC ASBUILT SURVEY
 PREPARED FOR SEAMON WHITESIDE AND ASSOCIATES
 THIS NO. 244-13-06-035
 OWNED BY LEROY RIVERS
 LOCATED IN THE CITY OF GOOSSE CREEK
 BERKELEY COUNTY, SOUTH CAROLINA
 AUGUST 10, 2020 SCALE: 1" = 30'

SOUTH CAROLINA
L. JOHNSON F. BURD
 LICENSE NO. 155-22742
 SURVEYOR

SOUTH CAROLINA
GPA, INC.
 LICENSE NO. 20749
 SURVEYOR

GPA
 PROFESSIONAL LAND SURVEYORS
 1011 W. STATE ST. SUITE 100
 COLUMBIA, SC 29201
 TEL: 803-799-1111
 FAX: 803-799-1112
 WWW.GPA-SURVEYORS.COM

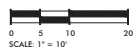
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LOD = 0.2 AC

SWPPP LEGEND

SWPP PLAN LEGEND	
Surface Roughening (Surface Tracking/Star Stepping-See Detail)	(SR)
Temporary Seeding (See Schedule in EC Notes)	(TS)
Dust Control	(DC)
Temp. Sediment Control Tube (See Tube)	
Construction Entrance (See Detail)	
Silt Fence	SF
Site Clearing Area	
Limits of Disturbance	
Existing Gravel to Remain	
Existing Gravel to be Demolished	
New Asphalt	
New Concrete Sidewalk	
New Gravel	



EXISTING UTILITY NOTE:

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING ANY WORK AND AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



MOUNT PLEASANT, SC 29566-1987
 GREENVILLE, SC 29615-0534
 SUMMERVILLE, SC 29582-0710
 SPARTANBURG, SC 29172-1272
 CHARLOTTE, NC 28212-5450
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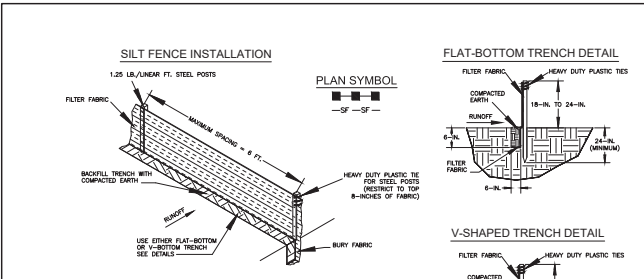


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SWPP & DEMO PLAN



- SILT FENCE - GENERAL NOTES**
- Silt fence shall be installed along contours, in drainage conveyance channels, and around inlets to help prevent off-site discharge of sediment-laden stormwater runoff.
 - Maximum sheet or covered flow path length to the silt fence shall be 100-feet.
 - Maximum slope steepness (normal [perpendicular] to the fence line) shall be 2:1.
 - Silt fence fabric, when necessary, shall be completed by one of the following options:
 - Bring each fabric together at a support post with both ends fastened to the post, with a 1 foot minimum overlap.
 - Overlap all fabric by installing 3-feet passed the support post to which the new silt fence roll is attached.
 - Attach roll end to the roll with heavy-duty plastic ties, or.
 - Overlap ends with one of each silt fence roll from one support post to the next support post.
 - Attach filter fabric to the steel posts using heavy-duty plastic ties that are evenly spaced within the top 8-inches of the fabric.
 - Install the silt fence perpendicular to the direction of the stormwater flow and place the silt fence the proper distance from the top of steep slopes to provide sediment storage and access for maintenance and inspection.
 - Install Silt Fence Checks (Tie-backs) every 50-100 feet, dependent on slope, along silt fence that is installed with slope and where concentrated flows are expected or are documented along the proposed/installed silt fence.

- SILT FENCE - POST REQUIREMENTS**
- Silt fence posts must be 1/2-inch diameter galvanized steel or in other areas subject to concentrated flows, silt fence should not be used on a rocky control flow. Concentrated flows are any flow greater than 0.5 cfs.
 - Maximum sheet or covered flow path length to the silt fence shall be 100-feet.
 - Maximum slope steepness (normal [perpendicular] to the fence line) shall be 2:1.
 - Silt fence fabric, when necessary, shall be completed by one of the following options:
 - Bring each fabric together at a support post with both ends fastened to the post, with a 1 foot minimum overlap.
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 - Attach roll end to the roll with heavy-duty plastic ties, or.
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- SILT FENCE - FABRIC REQUIREMENTS**
- Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
 - Composed of fibers consisting of long chain synthetic polymers of at least 65% by weight of polypropylene, polyethylene, or polyethylene that are formed into a network with that the filaments or fibers retain dimensional stability relative to each other.
 - Free of any treatment or coating which might adversely affect the physical properties after installation.
 - Free of any defects or flaws that significantly affect its physical and/or filtering performance.
 - Have a minimum width of 36-inches.
 - Use only fabric appearing on SC DOT's Qualified Products Listing (QPL) Approval Sheet (24), meeting the requirements of the most current edition of the SC DOT Standard Specifications for Highway Construction.
 - 12-inches of the fabric should be placed within excavated trench and tied in the trench in backfills.
 - Filter fabric shall be purchased in continuous rolls and cut to the length of the border to avoid joints.
 - Filter fabric shall be installed at a minimum of 24-inches above the ground.

- SILT FENCE - INSPECTION & MAINTENANCE**
- The key to functional silt fence is weekly inspections, routine maintenance, and regular sediment removal.
 - Regular inspections of silt fence shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
 - Attention to sediment accumulations along the silt fence is extremely important. Accumulated sediment should be continuously monitored and removed when necessary.
 - Remove accumulated sediment when it reaches 1/3 the height of the silt fence.
 - Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
 - Check for areas where stormwater runoff has eroded a channel beneath the silt fence, or where the fence has sagged, or collapsed due to runoff overflowing the silt fence. Install checks/tie-backs only/or reinstall silt fence, as necessary.
 - Check for holes within the silt fence, areas where all fence has begun to deteriorate, and for any other circumstance that may render the silt fence ineffective. Removed damaged all fence and reinstall new all fence immediately.
 - Silt fence should be removed within 30 days after final stabilization is achieved and once it is removed, the resulting disturbed area shall be permanently stabilized.

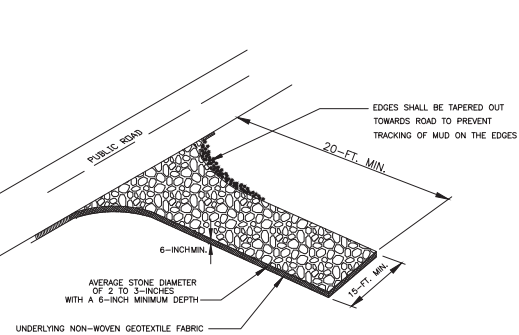
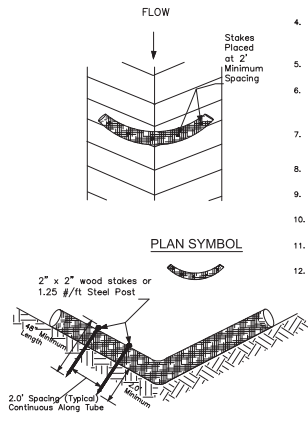
South Carolina Department of Health and Environmental Control

SILT FENCE

SC-03

NOT TO SCALE

SEDIMENT TUBE INSTALLATION



SPECIFICATION	SIZE
ROCK PAD THICKNESS	6 INCHES
ROCK PAD WIDTH	15 FEET
ROCK PAD LENGTH	20 FEET
ROCK PAD STONE SIZE	D50 = 2-3 INCHES

- CONSTRUCTION ENTRANCE - GENERAL NOTES**
- Stabilized construction entrances should be used at all points where traffic will enter/progress a construction site onto a public road or any impervious surfaces, such as parking lots. Should only be used when the water can be discharged to a sediment trap or basin.
 - Install a non-woven geotextile fabric prior to placing any stone.
 - Install a culvert pipe across the entrance when needed to provide positive drainage.
 - The entrance shall consist of 2-inch to 3-inch D50 stone placed at a minimum depth of 6-inches.
 - Minimum dimensions of the entrance shall be 15-foot wide by 20-foot long, and may be modified as necessary to accommodate site constraints.
 - The edges of the entrance shall be tapered out towards the road to prevent tracking of the edge of the entrance.
 - Divert all surface runoff and drainage from the stone pad to a sediment trap or basin or other sediment trapping structure.
 - Limestone may not be used for the stone pad.

South Carolina Department of Health and Environmental Control

CONSTRUCTION ENTRANCE

SC-06A

NOT TO SCALE

SEDIMENT TUBE SPACING

SLOPE	MAX. SEDIMENT TUBE SPACING
LESS THAN 2%	150-FEET
2%	100-FEET
3%	75-FEET
4%	50-FEET
5%	40-FEET
6%	30-FEET
GREATER THAN 6%	25-FEET

- SEDIMENT TUBES - GENERAL NOTES**
- Sediment tubes may be installed along contours, in drainage conveyance channels, and around inlets to help prevent off-site discharge of sediment-laden stormwater runoff.
 - Sediment tubes are elongated tubes of compacted geotextiles, curled excelsior wood, natural coconut fiber, or hardwood mulch. Straw, pine needles, and leaf mulch-filled sediment tubes are not permitted.
 - The outer netting of the sediment tube should consist of seamless, high-density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high-density polyethylene non-degradable material.
 - Sediment tubes, when used as checks within channels, should range between 18-inches and 24-inches depending on channel dimensions. Diameters outside this range may be allowed where necessary when approved.
 - Curled excelsior wood, or natural coconut products that are rolled up to create a sediment tube are not allowed.
 - Sediment tubes should be staked using wooden stakes (2-inch X 2-inch) or steel posts (standard 1/2" or 3/4" sections with a minimum weight of 1.25 pounds per foot) at a minimum of 48-inches in length placed on 2-foot centers.
 - Install all sediment tubes to ensure that no gaps exist between the soil and the bottom of the tube. Manufacturer's recommendations should always be consulted before installation.
 - The ends of adjacent sediment tubes should be overlapped 6-inches to prevent flow and sediment from passing through the joint.
 - Sediment tubes should not be stacked on top of one another, unless recommended by manufacturer.
 - Each sediment tube should be installed in a trench with a depth equal to 1/3 the diameter of the sediment tube.
 - Sediment tubes should continue up the slope a minimum of 1-foot above the design flow depth of the channel.
 - Install stakes at a diagonal facing incoming runoff.

- SEDIMENT TUBES - INSPECTION & MAINTENANCE**
- The key to functional sediment tubes is weekly inspections, routine maintenance, and regular sediment removal.
 - Regular inspections of sediment tubes shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
 - Attention to sediment accumulations in front of the sediment tube is extremely important. Accumulated sediment should be continuously monitored and removed when necessary.
 - Remove accumulated sediment when it reaches 1/3 the height of the sediment tube.
 - Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
 - Large debris, trash, and leaves should be removed from in front of tubes when found.
 - If erosion causes the edges to fall to a height equal to or below the height of the sediment tube, repairs should be made immediately to prevent runoff from bypassing tubes.
 - Sediment tubes should be removed after the contributing drainage area has been completely stabilized. Permanent vegetation should replace areas from which sediment tubes have been removed.

South Carolina Department of Health and Environmental Control

SEDIMENT TUBES

SC-05

NOT TO SCALE

- CONSTR. ENTRANCE - INSPECTION & MAINTENANCE**
- The key to functional construction entrances is weekly inspections, routine maintenance, and regular sediment removal.
 - Regular inspections of construction entrances shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
 - During regular inspections, check for mud and sediment buildup and post integrity. Inspection frequencies may need to be more frequent during long periods of wet weather.
 - Reshape the stone pad as necessary for drainage and runoff control.
 - Wash or replace stones as needed and as directed by site inspector. The stone in the entrance should be washed or replaced whenever the entrance falls to reduce the amount of mud being carried off-site by vehicles. Frequent washing will extend the useful life of stone pad.
 - Immediately remove mud and sediment tracked or washed onto adjacent impervious surfaces by brushing or sweeping. Flushing should only be used when the water can be discharged to a sediment trap or basin.
 - During maintenance activities, any broken pavement should be repaired immediately.
 - Construction entrances should be removed after the site has reached final stabilization. Permanent vegetation should replace areas from which construction entrances have been removed, unless area will be converted to an impervious surface to serve post-construction.

South Carolina Department of Health and Environmental Control

CONSTRUCTION ENTRANCE

SC-06A

NOT TO SCALE

SW

SEAMON WHITESIDE

SEAMON WHITESIDE ASSOCIATES, INC.

12/19/2024

Professional Engineer Seal for Seamon Whiteside, Inc. License No. 000472.

Professional Engineer Seal for William Pritchard, License No. 2247.

415 RED BANK ROAD

RIVERS FURNAL HOME

GOOSE CREEK, SC

SWH PROJECT: 8505

DATE: 8/31/2020

DRAWN BY: MAP

CHECKED BY: AEMR

REVISION HISTORY

NO.	DATE	DESCRIPTION
A	8/31/20	
B	10/1/20	
C	10/8/20	
D	12/17/20	

SWPPP DETAILS

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DRAINAGE FACILITIES MAINTENANCE PLAN

1. TEMPORARY STORMWATER AND SEDIMENT CONTROLS (SSCS)

- A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE INCLUDING BUT NOT NECESSARILY LIMITED TO: I. DURING CONSTRUCTION (UNTIL FINAL APPROVAL BY THE AUTHORITIES HAVING JURISDICTION AND THE OWNER)...

2. DRAINAGE STRUCTURES

- A. DURING CONSTRUCTION (UNTIL FINAL APPROVAL BY THE AUTHORITIES HAVING JURISDICTION AND THE OWNER)...

PERMANENT SEEDING (TO BE USED WHERE PERMANENT TURF AND/OR STABILIZATION IS INDICATED ON PLANS AND/OR DETAILS, UNLESS OTHERWISE DEFINED ON THE PLANS. ALL AREAS DISTURBED MUST BE STABILIZED.)

- 1. IN PARTICULAR, IT IS THE CONTRACTOR'S RESPONSIBILITY TO: A. ESTABLISH A UNIFORM PERENNIAL STAND OF VEGETATION WITH A ROOT SYSTEM THAT IS SUFFICIENTLY DEVELOPED TO SURVIVE DRY PERIODS AND WINTER WEATHER AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING...

Table 1 - PERMANENT SEEDING (Perennial Seed) with columns for Species, Lbs/Ac, and months (Jan-Dec). Includes species like Common Bermuda, Carpet Grass, Centipedegrass, Bahiagrass, Tall Fescue, and Weeping Lovegrass.

TEMPORARY SEEDING (TO BE USED ONLY FOR TEMPORARY STABILIZATION DURING CONSTRUCTION)

- 1. IN PARTICULAR, THE CONTRACTOR SHALL: A. ESTABLISH A STAND OF VEGETATION THAT IS CAPABLE TO PREVENT EROSION AND SEDIMENT LOSS, IN ACCORDANCE WITH THE DEFINITION OF "TEMPORARY STABILIZATION" AS DEFINED IN THE SC/DHEC NPDES GENERAL PERMIT...

Table 2 - NURSE CROP AND TEMPORARY SEEDING (Annual Seed) with columns for Species, Nurse Crop, Temp Cover, and months (Jan-Dec). Includes species like Browntop Millet and Ryegrass.

PERMITTING NOTES

- 1. THESE PLANS HAVE BEEN PREPARED TO MEET THE INITIAL REQUIREMENTS OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR COVERAGE UNDER THE NPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (NPDES), THE OWNER AND CONTRACTORS ARE ADVISED THAT ADDITIONAL REQUIREMENTS, WHICH ARE BEYOND THE SCOPE OF THESE PLANS, MUST BE MET IN ORDER TO ASSURE CONTINUED COVERAGE UNDER THE NPDES...

SWPPP - SEQUENCE OF CONSTRUCTION:

- 1.1 RECEIVE NPDES COVERAGE FROM DHEC. 1.2 CONDUCT PRE-CONSTRUCTION MEETING (AS DEFINED IN SECTION 4.1 OF THE STATE GENERAL PERMIT OR AS SPECIFIED IN THE PROJECTS NPDES PERMIT). 1.3 NOTIFY DHEC EOC OFFICE OR DHEC-ORDEM AND THE MS 4 OPERATOR 48 HOURS PRIOR TO BEGINNING LAND DISTURBING ACTIVITIES...

SWPPP - NOTES:

- 1.A. INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL EXISTING STORM DRAINAGE STRUCTURES AS INDICATED. 1.B. STONE CHECK DAMS OR OTHER APPROPRIATE BMP'S SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS OR DITCHES WHERE INDICATED ON PLANS OR IN OTHER AREAS WHERE NEEDED...

STORMWATER AND SEDIMENT CONTROL

- UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PROVIDE FOR ALL OF THE REQUIREMENTS LISTED BELOW, AS APPLICABLE, AS PART OF HIS WORK INCLUDED IN HIS BASE BID. 1. IF NECESSARY, SLOPES THAT EXCEED 8 HORIZONTAL FEET IN HEIGHT SHALL BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS...



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415 RED BANK ROAD RIVERS FURNAL HOME GOOSE CREEK, SC

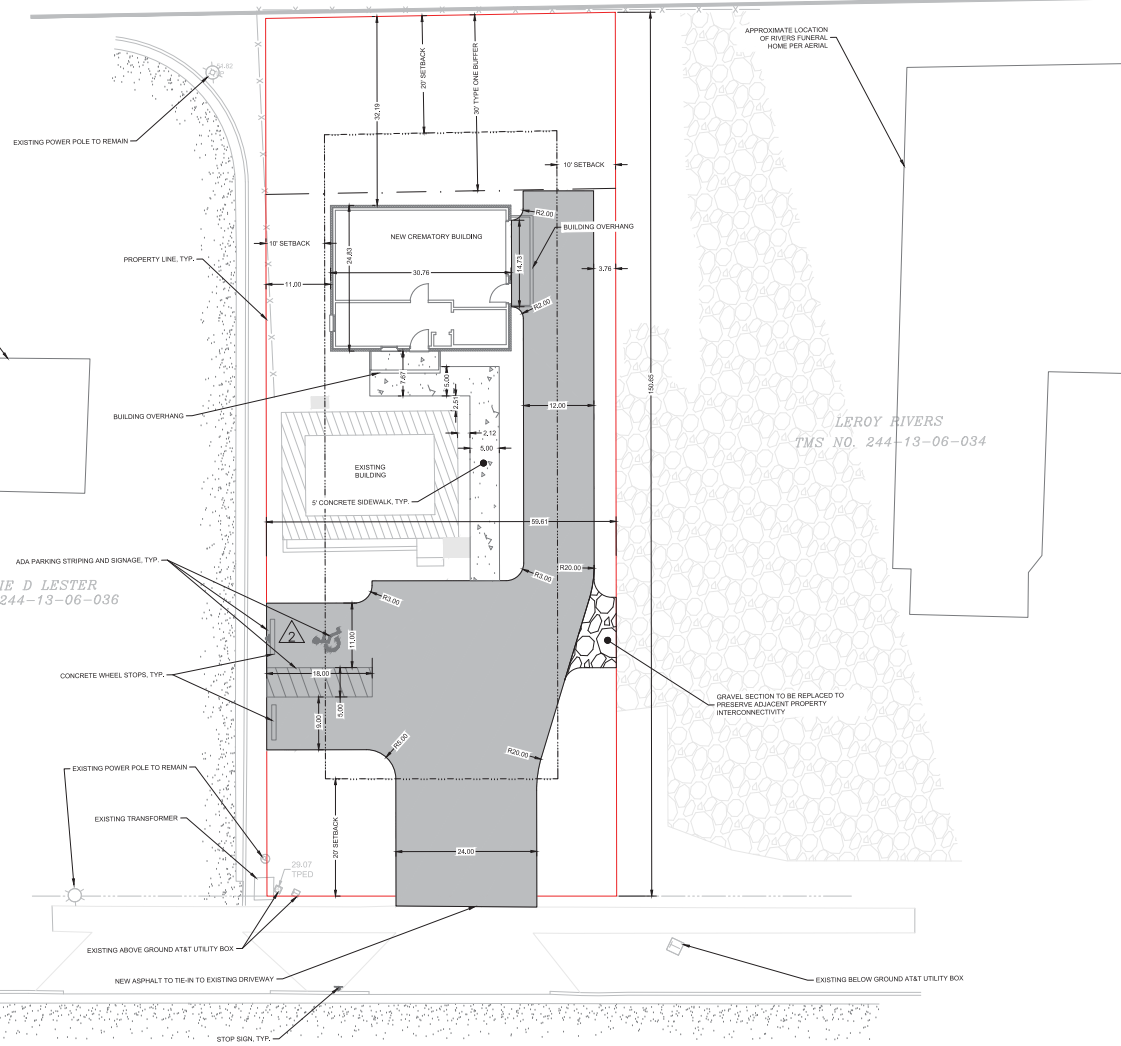
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Table with revision history: A, B, C, D with dates and descriptions.

SWPPP NOTES

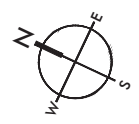
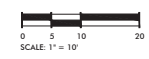
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STEPHEN & LYNNE NEILSEN
TMS NO. 244-13-06-031



LEGEND

- STANDARD DUTY ASPHALT
- CONCRETE SIDEWALK
- NUMBER OF PARKING SPACES
- NEW GRAVEL



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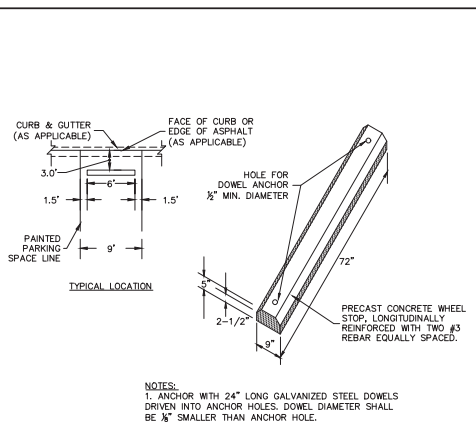
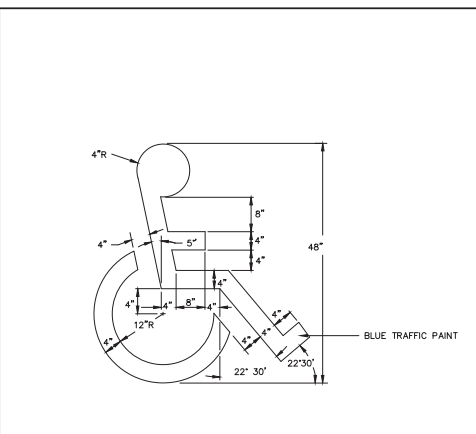
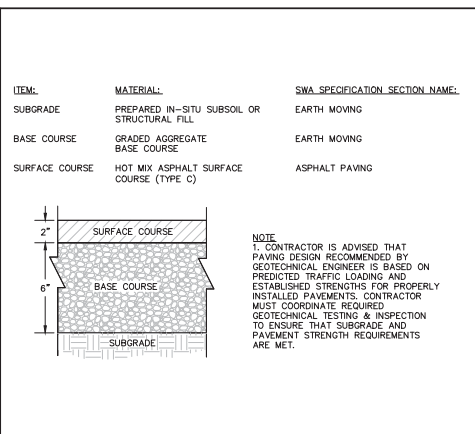
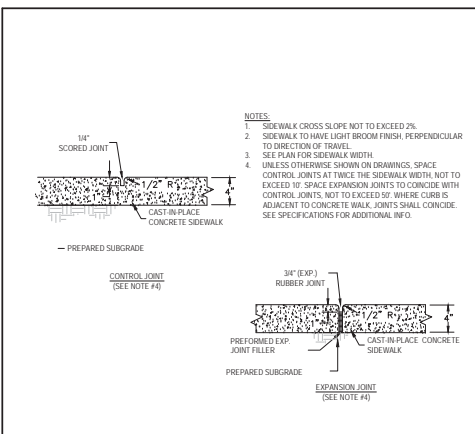
REVISION HISTORY

A	8/23/20
B	10/1/20
C	10/8/20
D	12/7/20

SITE PLAN

C4.0

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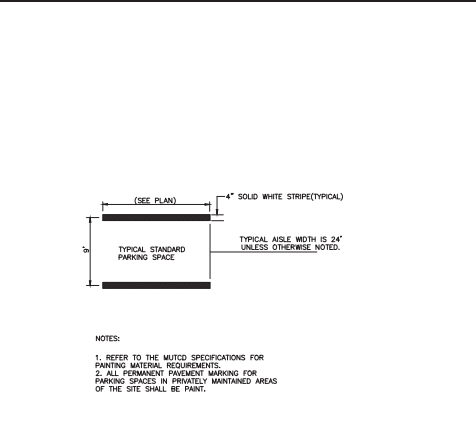
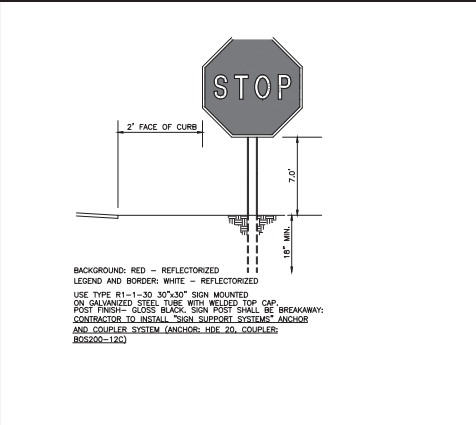
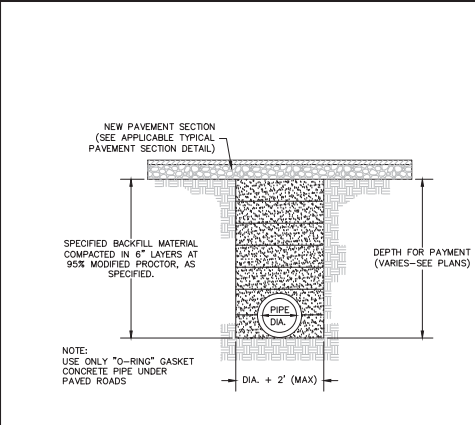
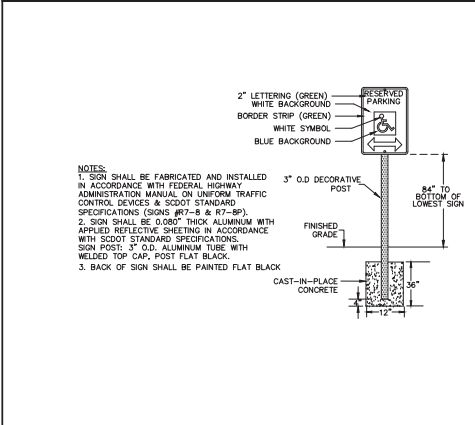


1 SIDEWALK SECTION (NOT TO SCALE)

2 PAVING SECTION - STANDARD DUTY (NOT TO SCALE)

3 PAINTED ADA PARKING SYMBOL (NOT TO SCALE)

4 PRECAST CONCRETE WHEEL STOP (NOT TO SCALE)

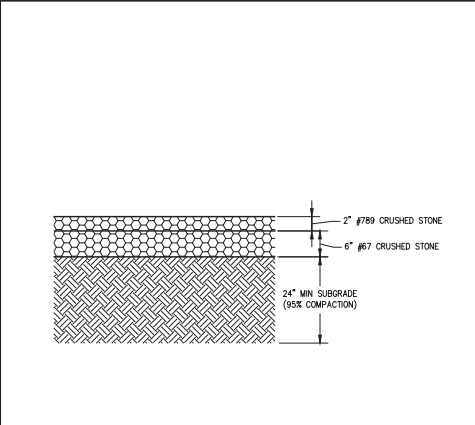


5 ADA PARKING SIGN (NOT TO SCALE)

6 STORM DRAINAGE PIPE TRENCH (UNDER PAVED AREAS) (NOT TO SCALE)

7 SIGNAGE - STOP (NOT TO SCALE)

8 PARKING SPACES (NOT TO SCALE)



9 (NOT TO SCALE)

10 PAVING SECTION - GRAVEL (NOT TO SCALE)

X DETAIL DESCRIPTION (NOT TO SCALE)

X DETAIL DESCRIPTION (NOT TO SCALE)

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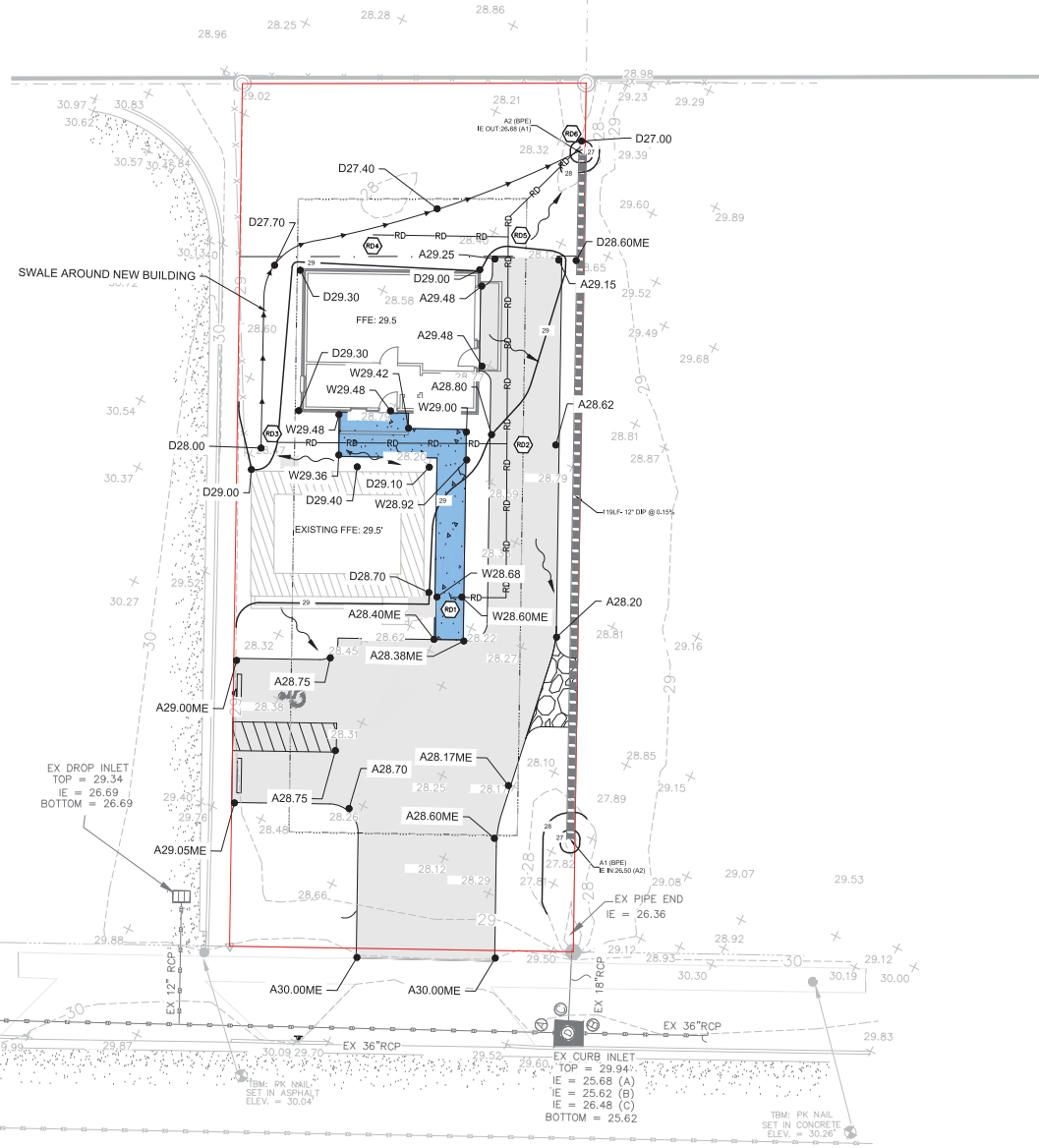
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SHADING DENOTES NEW ASPHALT PAVEMENT

SHADING DENOTES ADA ROUTE

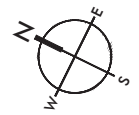
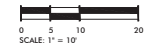
ADA NOTES: ALL NEW SIDEWALKS ARE NOT TO EXCEED 2% CROSS SLOPE AND 5% RUNNING SLOPE IN ORDER TO BE ADA COMPLIANT. CONTRACTOR TO VERIFY CONSTRUCTION OF NEW SIDEWALKS TO BE WITHIN ADA REGULATIONS.

SPOT ELEV KEY (FINISHED GRADING)
A-(ASPHALT) SURFACE OF FINISHED ASPHALT ROADWAY OR WALKING PATH
C-(CURB) BACK OF CURB AT HIGHEST POINT
D-(DITCH) FINISHED GROUND ELEVATION
F-(FLOW) ELEVATION AT WHICH SURFACE WATER FLOWS INTO DRAINAGE STRUCTURE
S-(SURFACE) OF ASPHALT ADJACENT TO THROAT OR GRATE AT CURB INLET
A-(ACCESS) SURFACE OF ACCESS COVER FOR JUNCTION OR ISOLATION BOX
G-(GRADE) SURFACE OF GRATE AT OUTSIDE EDGE FOR CATCH BASIN, GUTTER INLET, OR GRATED POND STRUCTURE
O-(OUTLET) SURFACE OF OUTLET AT LOWEST POINT (ALONG WATER FLOW PATH)
R-(RETAINING) TOP OF RETAINING WALL
S-(SIDEWALK) TOP OF SIDEWALK BEHIND WALKING
W-(WALK) SURFACE OF FINISHED CONCRETE OR INTERLOCKING PAVEMENT SIDEWALK, PATIO, PLAZA, OR SLAB
NA-(MATCH ARCHITECTURE) REFER TO ARCHITECTURAL PLANS FOR GRADE TIE
ME-(MATCH) EXISTING FOLLOWING ELEVATION NUMBER, INDICATES TO MATCH ELEVATION OF EXISTING SURFACE AT POINT OF CONNECTION
CL-(CENTER LINE) DITCH CENTER LINE BOTTOM ELEVATION
EXAMPLE: A12.58ME MEANS THAT THE SURFACE OF NEW ASPHALT IS TO BE AT ELEVATION 12.58 WHICH SHOULD MATCH THE ELEVATION OF THE EXISTING ASPHALT SURFACE AT THE JOINT

Table with columns: LINE, P/FPI, SLOPE, LIPPER, LOWW, TIE-UP. It lists various drainage lines and their specifications.

- ROOF DRAINAGE LINE NOTES:
1. ALL LINES CONNECTING TO DOWNPOUTS ARE 6-INCHES.
2. ALL ROOF DRAIN LINES SHALL HAVE A 3/8\"/>

- GRADING AND DRAINAGE NOTES:
1. IMPERVIOUS AREA: 0.11 AC (4,727 SF)
2. THE CONSTRUCTION ACTIVITY SHALL BE IMPLEMENTED AND COMPLY WITH SECTION 2.2.2 AND THE BMP'S INCLUDED IN APPENDIX E OF THE BERKELEY COUNTY STORMWATER DESIGN STANDARDS MANUAL.
3. ADEQUATE EROSION SEDIMENT CONTROL WILL BE MAINTAINED ON SITE FOR THE DURATION OF CONSTRUCTION ACTIVITIES.
4. 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 DAYS (14) AFTER WORK HAS CEASED, UNLESS ACTIVITY IN THAT PORTION OF THE SITE WILL RESUME WITHIN TWENTY-ONE (21) DAYS. EXISTING AND NATURAL VEGETATION SHOULD BE PRESERVED AS MUCH AS POSSIBLE.



EXISTING UTILITY NOTE:
THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING ANY WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



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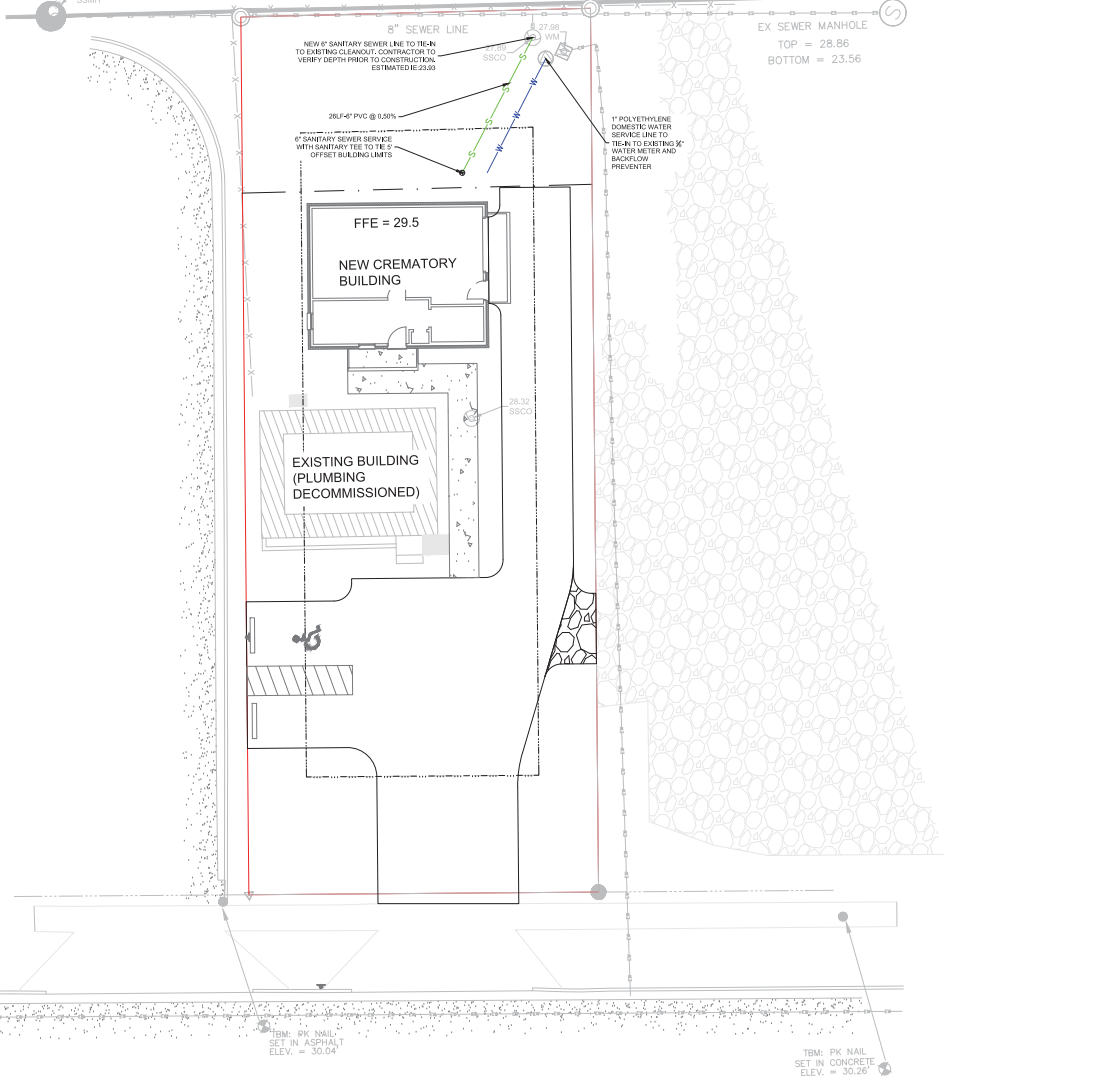
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GRADING & DRAINAGE PLAN

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EX SEWER MANHOLE
 TOP = 31.09
 BOTTOM = 24.39

31.09
 SSMH

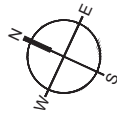
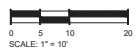


EX SEWER MANHOLE
 TOP = 28.86
 BOTTOM = 23.56

- NOTES:
- CONTRACTOR TO FOLLOW ALL CITY OF GOOSE CREEK DEPARTMENT OF PUBLIC WORKS WATER SPECIFICATIONS
 - WATER AND SEWER SERVICE LINES TO BE DECOMMISSIONED FROM EXISTING BUILDING

TBM: PK NAIL
 SET IN ASPHALT
 ELEV. = 30.04

TBM: PK NAIL
 SET IN CONCRETE
 ELEV. = 30.26



EXISTING UTILITY NOTE:

THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING ANY WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



Know what's below.
 Call before you dig.



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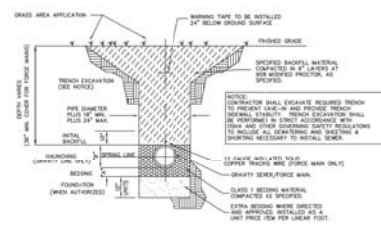
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WATER & SEWER PLAN

SEWER NOTES:

- SEWER INSTALLATION SHALL BE IN ACCORDANCE WITH "TEN STATES STANDARDS" 40 DBCS AND SEWER REGULATIONS.
- ALL SEWERY TRENCH SERVICES SHALL BE Laid IN A MINIMUM SLOPE OF 0.2% AND SHALL BE 4" PVC UNLESS INDICATED OTHER IN NOTE NO. 16 LOCAL OR OTHERWISE SPECIFIED.
- CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH BOWEN AT LEAST 14 DAYS PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING WORK. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES IN THE FIELD OR THE EXISTING PLANS TO THE DEGREE OF CONTINUING WORK. ANY DEVIATIONS FROM THE CONSTRUCTION PLANS SHALL NEED TO BE APPROVED IN WRITING BY BOWEN.
- CONNECTION TO EXISTING SEWER SYSTEM SHALL BE MADE IN THE PRESENCE OF BOWEN INSPECTOR WITH AT LEAST 12 HOURS NOTICE NOTICE.
- CONTRACTOR SHALL PLACE 4" SERVICES AND END UP TO EXISTING GRADE. CONCRETE COLLARS SHALL BE PLACED AROUND 4" SLABS AND TOP FUTURE SUTURES. THE CONSTRUCTION SHALL PLACE 4" CONNECTING LINES TO EXISTING.
- BEFORE THE 10' DEEP FOUNDATION, MANHOLE COVER SHALL BE INSTALLED COMPLETELY WITHIN OR COMPLETELY OUT OF PAVED AREAS (INCLUDING SIDEWALKS).
- MANHOLES RECEIVING FORCE MAIN DISCHARGE SHALL BE COATED WITH RASER WITH LINES OF APPROVED EQUIVALENT AS WELL AS ALL 24" AND 30" DIAMETER MANHOLES, UNLESS OTHERWISE DIRECTED BY BOWEN. MANHOLES MAY ALSO BE REQUIRED BASED ON PRECEDENT.
- ALL SUTURES FROM MANHOLES, JUNCTION AND APPROACH SHALL BE LINED WITH PROTECTED AIR DRAINED BRANCHED COLLARS.
- 30"-24" PVC OF 30" OR 24" IN STEEL CROWN SHALL BE USED WHEN:
 - 1. EXISTING BEYOND TRENCH DEPTH SHALL BE USED WHEN:
 - FLUMABLE FILL USE BASED ON BOWEN REVIEW AND APPROVAL.
 - 2. EXISTING OF FIVE MATERIALS SHALL COMPLY WITH THE FOLLOWING:
 - LESS THAN THREE (3) OF LOWER CLASS AS PER
 - GREATER THAN 1.5 FEET BUT LESS THAN 24 FEET (4:1) BUT NOT LESS THAN 12 FEET (4:1) IN DEPTH. 30"-24" PVC AND IN ACCORDANCE WITH PROTECTIVE REQUIREMENTS LATER BEING.
 - GREATER THAN 1.5 FEET BUT LESS THAN 24 FEET (4:1) BUT NOT LESS THAN 12 FEET (4:1) IN DEPTH. 24"-18" CHSD PIG.
- SEWER SERVICE CONNECTIONS LOCATED AT DEPTHS GREATER THAN 12" SHALL BE MADE WITH SOLID WELDED CROCK FITTINGS FOR 4" BRANCHED MAINS. PIPED LINES OF 12" TO BE INSTALLED FOR BRANCHED MAINS OF 4" OR GREATER.
- SLABS AND SUTURES SHALL BE INSTALLED WITHIN THE FOOT-OF-WAY OR GENERAL UTILITY EASEMENT (SEE) AND HAVE A MINIMUM OF 6" OF GRANULAR FILL BEDDING MATERIAL. NECESSARY CLEAN CUTS AT THE COMMON PROPERTY CORNER SHALL OTHERWISE NOTED ON THE CONSTRUCTION PLANS.
- CONTRACTOR SHALL KEEP A 1/4"-LINES SET OF THE CONSTRUCTION DRAWINGS ON SITE AT ALL TIMES.
- UPON COMPLETION OF CONSTRUCTION OF THE SEWER SYSTEM, A MINIMUM 30 DAYS AFTER ALL PIPE HAS BEEN INSTALLED THE FOLLOWING CONTRACTOR RESPONSIBILITIES MUST BE MET:
 - THE CONTRACTOR SHALL SCHEDULE ALL REQUIRED TESTS AND INSPECTIONS WITH BOWEN AT LEAST 72 HOURS IN ADVANCE.
 - THE CONTRACTOR SHALL CONDUCT A PRELIMINARY INSPECTION TO LOCATE ANY TESTS AND INSPECTIONS WITHIN THE SEWER SYSTEM. A PLAN FOR TESTS AND FINAL INSPECTION, PRIOR TO INSPECTION, THE SEWER SYSTEM SHALL BE FLOODED AND THE RESULTS OF SUCH INSPECTIONS USED PREVIOUSLY AS TEST AND SOLUTION TEST AND BENCH. INSPECTION TEST SHALL BE CONDUCTED PRIOR TO LOW PRESSURE AIR TEST.
 - THE CONTRACTOR SHALL NOTIFY THE LAWYER ENGINEER AS AN IN-SITU SURVEY, INCLUDING THE SERVICE LINES.
 - A SET OF PRELIMINARY RECORD DRAWINGS SHALL BE PROVIDED TO BOWEN INSPECTOR FOR CITY INSPECTION. THESE DRAWINGS SHALL INCLUDE: COVER BODIES OR BOXES FROM BOWEN REVIEW AND NECESSARY CHANGES AND TO COMPLETED PRIOR TO THE END OF THE CONTRACT.
 - THE CONTRACTOR SHALL SCHEDULE A FINAL INSPECTION WITH BOWEN AT LEAST 72 HOURS IN ADVANCE.
- UNLESS NOTED BY AN APPROVED SUBMITTAL MATERIAL, USE #27 GRANULAR AIR COOLED BLAST FURNACE SLAG OR APPROVED MATERIALS LISTED IN BOWEN SPECIFICATIONS.
- ALL SUTURES OR APPROVED ADAPTERS SHALL BE USED TO TRANSITION BETWEEN PVC AND DRP. FITTINGS OR SIMILAR COMPLIANT ARE NOT ALLOWED.

SEWER PANEL 8
BERKELEY COUNTY WATER AND SANITATION
POTABLE WATER & SANITARY SEWER STANDARDS
 REVISED 05/15/20



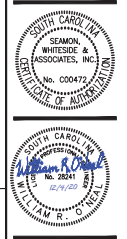
**DEPTH SCHEDULE
FOR HAUNCHING (GRAVITY LINE ONLY) AND BEDDING**

PIPE #	4"-10"	12"-18"	24"	30"
1/2"	6"	8"	10"	12"
3/4"	10" TO TOP OF PIPE		10"	12"

EMBEDMENT COMPACTION SHALL BE THE MINIMUM DENSITIES INDICATED IN TABLE 2 OF ASTM D2321-LR.

**FORCE MAIN/GRAVITY LINE
TRENCH DETAIL**
NOT TO SCALE

SEWER PANEL 4
BERKELEY COUNTY WATER AND SANITATION
POTABLE WATER & SANITARY SEWER STANDARDS
 REVISED 05/15/20



415 RED BANK ROAD
 RIVERS FUNERAL HOME
 GOOSE CREEK, SC

SW+ PROJECT: 8505
 DATE: 8/31/2020
 DRAWN BY: MAP
 CHECKED BY: AEMR

REVISION HISTORY

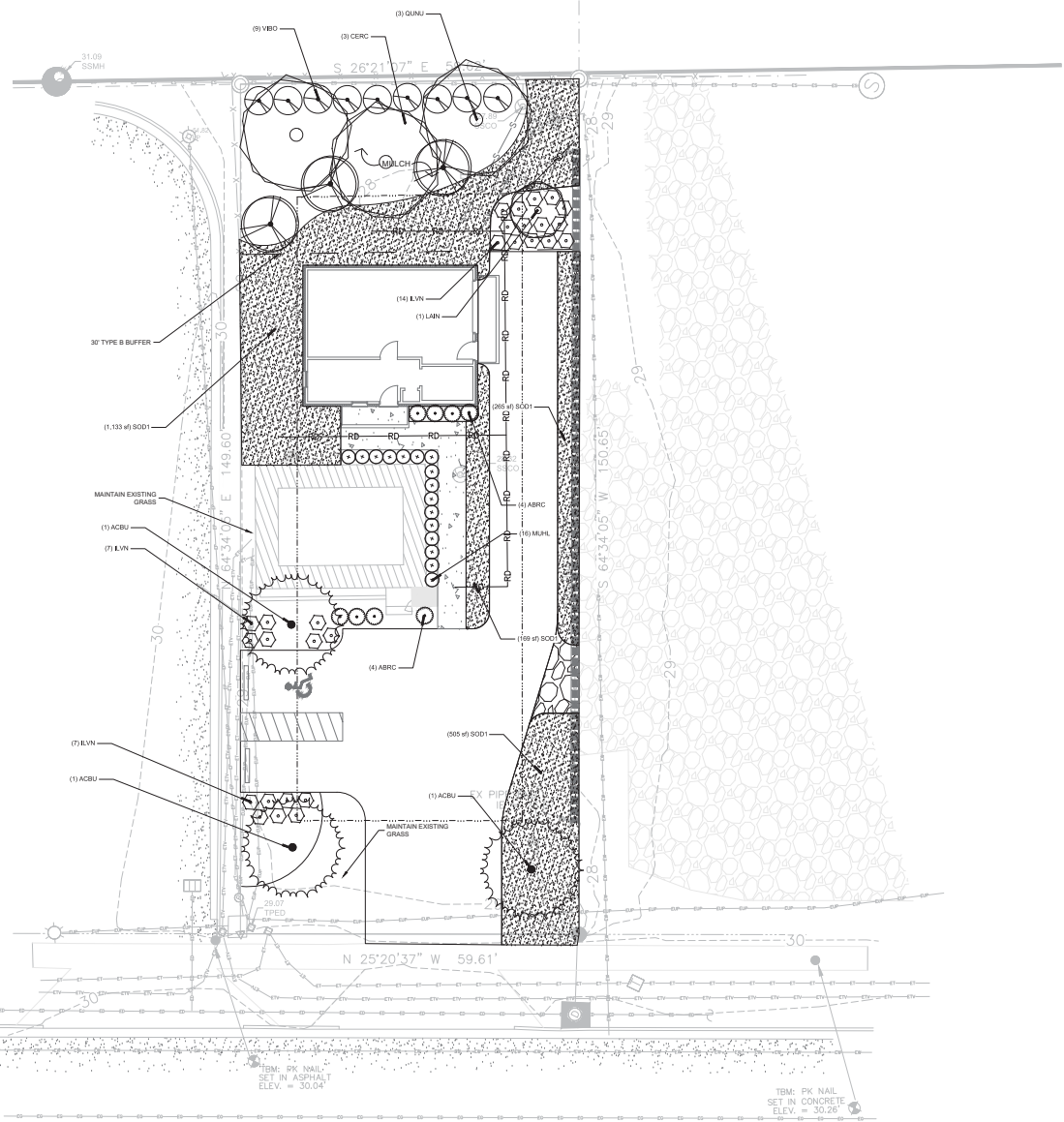
A	9/23/20
B	10/1/20
C	10/8/20
D	12/7/20

WATER & SEWER DETAILS

THIS DRAWING SHALL NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE WITHOUT WRITTEN PERMISSION.

601 HANCOCK PARK BOULEVARD, SUITE 200, MOUNT PLEASANT, SC 29664 | 803.912.5711 | GREENVILLE, SC 29601

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GENERAL NOTES:

1. SEE SWPPP PLANS (SHEETS C3.0 - C3.2) FOR SILT FENCE LOCATIONS, TREE PROTECTION ZONES AND BARRICADES, AND ADDITIONAL NOTES AND DETAILS.
2. THE OVERALL PLANT QUANTITY FOR THE ENTIRE SITE CAN BE FOUND ON THE MASTER PLAN SCHEDULE, SHEET L-1.1.
3. SEE SITE PLAN (SHEET 04.0) FOR SITE LABELS, INFORMATION AND DETAILS.
4. CONTRACTOR TO CONTACT CIVIL ENGINEER OR LANDSCAPE ARCHITECT REGARDING ANY SITEWORK MODIFICATIONS FROM THESE PLANS PRIOR TO CHANGES IN THE FIELD. CONTACT: 843-884-1667

PLANT SCHEDULE FOR SHEET L1.0

PLANT SCHEDULE				
TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	ACBU	3	Acer buergerianum / Trident Maple	2,5" CAL
	QUNU	3	Quercus nuttallii / Nuttall Oak	2,5" CAL
UNDERSTORY TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	CERC	3	Cercis canadensis / Eastern Redbud	1,5" CAL
	LAIN	1	Lagerstroemia x 'Natchez' / Natchez Crape Myrtle	2,5" CAL
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	ABRC	8	Abelia x 'Rose Creek' / Rose Creek Abelia	3 GAL
	ILVN	28	Ilex vomitoria 'Nana' / Dwarf Yaupon	3 GAL
	VIBO	9	Viburnum odoratissimum / Sweet Viburnum	3 GAL
GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	MUHL	16	Muhlenbergia filipes / Sweetgrass	3 GAL
SOD/SEED	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	SOD1	2,071 sf	Eremochloa ophiuroides / Centipede Grass	SOD
	MULCH	60	Pine Straw	BALE

CODE REQUIREMENTS

ZONING: GC (GENERAL COMMERCIAL)

REAR BUFFER: 30' TYPE 1

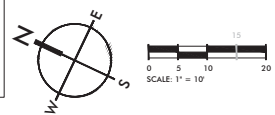
	PER 100LF	REQUIRED	PROVIDED
CANOPY TREE	4	3	3
UNDERSTORY TREE	8	4	4
SHRUB	15	9	9

LANDSCAPE AREA: 12% OF TOTAL AVAILABLE AREA (TAA = TOTAL AREA - BLDG AREA)
 TAA = 8,949 SF - 650 SF - 783 SF = 7,516 SF @ 12% = 904 SF LANDSCAPE AREA REQUIRED
 TAA = 1,047 SF LANDSCAPE AREA PROVIDED

TREES = MIN. 12/ACRE @ 0.21 AC = 3 TREES REQUIRED
 6 TREES PROVIDED

STREET TREES: MIN. 3 PER 100LF FRONTAGE @ 59.6 LF = 2 REQUIRED
 2 PROVIDED

NOTE:
 THERE ARE NO EXISTING TREES ON SITE.



MOUNT PLEASANT, SC 29664-1667
 GREENVILLE, SC 29615-0534
 SUMMERVILLE, SC 29586-3272
 SPARTANBURG, SC 29176-0710
 CHARLOTTE, NC 28203-5450
 WWW.SEAMONWHITESIDE.COM



415 RED BANK ROAD
 GOOSE CREEK, SC

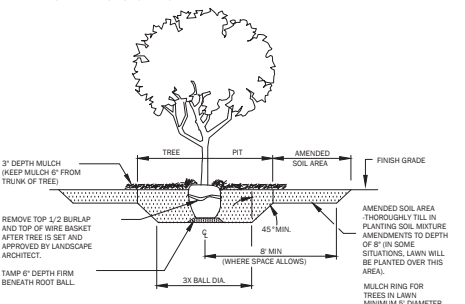
SW+ PROJECT: 8505
 DATE: 8/31/2020
 DRAWN BY: WSK
 CHECKED BY: JLG

REVISION HISTORY	
A	8/29/20

LANDSCAPE PLAN

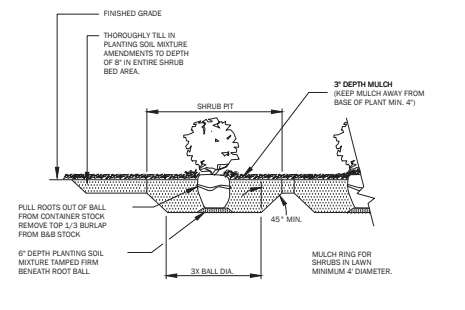
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NOTES:
 1. CONTACT LANDSCAPE ARCHITECT (LA) IF TREE STAKING IS NECESSARY & LA WILL PROVIDE DETAIL.
 2. AUTOMATIC IRRIGATION IS NOT INCLUDED IN THIS DESIGN.
 3. CONTRACTOR TO SUPPLY TREE WATERING BAGS FOR ALL TREES UPON INSTALLATION. PRODUCT TO BE APPROVED BY LA PRIOR TO INSTALLATION.



GENERAL NOTES:
 1. PLANT SO THAT TOP OF ROOT BALL IS 2" ABOVE FINISH GRADE.
 2. SCARIFY SIDES AND BOTTOM OF PIT.
 3. BACKFILL TREE PIT WITH NATIVE SOIL IN 8" LAYERS, HAND TAMPED, TO REMOVE VOIDS.
 4. HAND TAMP ON PROBE WITH SHOVEL HANDLES TO REMOVE VOIDS.
 5. DO NOT WRAP TREE TRUNKS.

1 | TYPICAL TREE PLANTING

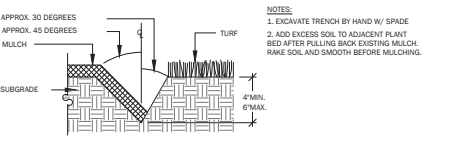


GENERAL NOTES:
 1. PLANT SO THAT TOP OF ROOT BALL IS 1" ABOVE FINISH GRADE.
 2. SCARIFY SIDES AND BOTTOM OF PIT.
 3. BACKFILL SHRUB PIT WITH SPECIFIED PLANTING SOIL MIXTURE IN 6" LAYERS, HAND TAMPED, TO REMOVE VOIDS.
 4. WHEN 2/3 BACKFILLED, FILL WITH WATER.
 5. AFTER PLACING AND HAND-TAMPING FINAL LAYERS, WATER AGAIN UNTIL NO MORE WATER IS ABSORBED.

3 | TYPICAL SHRUB PLANTING

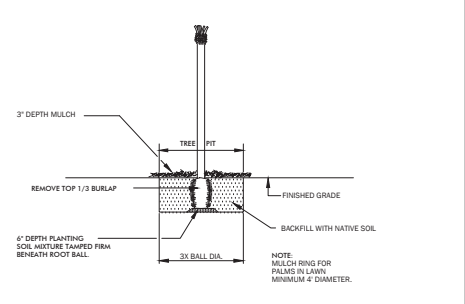
GENERAL NOTES:
 1. FOR EACH UNAMENDED SOIL TYPE, FURNISH SOIL ANALYSIS AND A WRITTEN REPORT BY A QUALIFIED SOIL TESTING LABORATORY STATING PERCENTAGES OF ORGANIC MATTER, GRADATION OF SAND, SILT, AND CLAY, CATION EXCHANGE CAPACITY, SODIUM ABSORPTION RATIO, DELIBERIOUS MATERIAL, BUFFER PH LEVELS, AND MINERAL AND PLANT NUTRIENT CONTENT OF THE SOIL.
 2. A MINIMUM OF THREE REPRESENTATIVE SAMPLES SHALL BE TAKEN FROM VARIOUS LOCATIONS FOR EACH SOIL TO BE USED OR AMENDED FOR PLANTING PURPOSES.
 3. SUBMIT TO LANDSCAPE ARCHITECT THE LAB RECOMMENDATIONS FOR SOIL TREATMENTS AND SOIL AMENDMENTS TO BE INCORPORATED. INDICATE LAB RECOMMENDATIONS IN WEIGHT PER 1,000 SQ. FT. OR VOLUME PER CU. YD. FOR NITROGEN, PHOSPHORUS, AND POTASH NUTRIENTS AND ORGANIC AND INORGANIC SOIL AMENDMENTS TO BE ADDED TO PRODUCE PLANTING SOIL SUITABLE FOR HEALTHY, VIABLE PLANTS.
 4. ALL SOILS USED FOR PLANTING SHALL BE PREPARED AS NECESSARY USING ORGANIC AND INORGANIC SOIL AMENDMENTS AND FERTILIZERS IN THE QUANTITIES RECOMMENDED IN THE SOIL ANALYSIS REPORT TO PRODUCE SATISFACTORY PLANTING SOIL FOR HEALTHY, VIABLE PLANTS. PLANTING SOILS SHALL HAVE A PH LEVEL BETWEEN 6.0 AND 7.0.
 5. IN ALL PLANTING AREAS, SPREAD PLANTING SOIL TO A DEPTH OF 8 INCHES BUT NOT LESS THAN REQUIRED TO MEET FINISH GRADES AFTER NATURAL SETTLEMENT.

SOIL NOTES



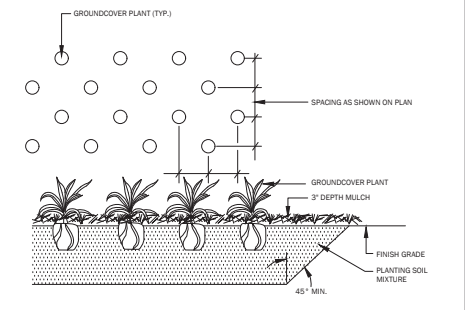
5 | LAWN EDGE DETAIL

IRRIGATION NOTES
 1. AUTOMATIC IRRIGATION SYSTEMS ARE NOT INCLUDED IN THIS DESIGN.
 2. CONTRACTOR TO SUPPLY TREE WATERING BAGS FOR ALL TREES UPON INSTALLATION. PRODUCT TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.



GENERAL NOTES:
 1. PALM SHOULD BE PLANTED AT SAME DEPTH AS IT WAS HARVESTED.
 2. SCARIFY SIDES AND BOTTOM OF PIT.
 3. BACKFILL TREE PIT WITH NATIVE SOIL IN 8" LAYERS, HAND TAMPED, TO REMOVE VOIDS.
 4. WHEN 2/3 BACKFILLED, FILL WITH WATER.
 5. AFTER PLACING AND HAND-TAMPING FINAL LAYERS, WATER AGAIN UNTIL NO MORE IS ABSORBED.
 6. MAKE SURE THERE IS NO STANDING WATER IN BOTTOM OF HOLE.

2 | TYPICAL PALM TREE PLANTING



GENERAL NOTES:
 1. THOROUGHLY TILL IN PLANTING SOIL MIXTURE AMENDMENTS TO DEPTH OF 8" IN ENTIRE GROUNDCOVER BED AREA.
 2. WORK SOIL TO LOOSE, UNIFORM FINE TEXTURE.
 3. HAND TAMP IMMEDIATELY TO REMOVE VOIDS AND AIR POCKETS.
 4. WATER IMMEDIATELY AFTER PLANTING UNTIL NO MORE WATER IS ABSORBED.

4 | GRASS/GROUNDCOVER PLANTING

1. THE TECHNICAL SPECIFICATIONS ARE MADE A PART OF THESE PLANS AND SHALL BE CONSULTED BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING WORK AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS AND ON THESE PLANS.
 2. CONTRACTOR SHALL NOTIFY THIS OFFICE OF ANY DISCREPANCIES PRIOR TO BEGINNING OR CONTINUING WORK.
 3. THERE WILL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT APPROVAL OF THIS OFFICE.
 4. SIZE OF PLANT MATERIALS SHALL CONFORM WITH THE CURRENT EDITION OF AMERICAN STANDARD FOR NURSERY STOCK FOR NUMBER ONE GRADE NURSERY STOCK AS ADOPTED BY THE AMERICAN ASSOCIATION OF NURSEYMEN AND AMERICAN NATIONAL STANDARDS INSTITUTE.
 5. THE QUANTITIES ON THE SCHEDULE ARE ONLY A GUIDE. ALL QUANTITIES SHALL BE VERIFIED BY THE CONTRACTOR ON THE PLANTING PLAN.

PLANT SCHEDULE NOTES

GENERAL PLANTING NOTES
 1. REQUIREMENTS FOR THE MEASUREMENTS, BRANCHING, GRADING, QUALITY, BALLING AND BURLAPPING OF PLANTS IN THE PLANT LIST SHOULD FOLLOW OR EXCEED THE STANDARDS CURRENTLY RECOMMENDED BY THE AMERICAN ASSOCIATION OF NURSEYMEN, INC. & THE AMERICAN STANDARD FOR NURSERY STOCK (ASIS), UNLESS OTHERWISE SPECIFIED. ANY SIZE SPECIFIED SHALL BE CONSIDERED MINIMUM. MINOR VARIATIONS FOR HEIGHT, SPREAD, OR CALIPER SHALL TAKE PRECEDENCE OVER A SPECIFIED CONTAINER SIZE.
 2. ALL PLANTS SHALL HAVE A WELL FORMED HEAD WITH MINIMUM CALIPER, HEIGHT AND SPREAD OF THE SIDE BRANCHES AS SHOWN ON THE PLANT LIST. TRUNKS SHALL BE STRAIGHT AND SHAPE SHALL BE TYPICAL OF THE SPECIES.
 3. MEASUREMENT OF CROWN HEIGHT SHALL INCLUDE NOT MORE THAN FIFTY (50) PER CENT OF THIS YEAR'S VERTICAL GROWTH (TOP CANOES).
 4. THE LANDSCAPE CONTRACTOR IS HEREBY NOTIFIED OF THE EXISTENCE OF UNDERGROUND UTILITIES WITHIN THE PLANT LIST. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO COMMENCEMENT OF DIGGING OPERATIONS. CONTRACTOR RESPONSIBLE FOR LOCATING, PROTECTING, AND REPAIRING ALL DAMAGED UTILITIES, PAVEMENT, AND CURB & GUTTER. ANY REPAIRS SHALL BE DONE PROMPTLY AT CONTRACTOR'S EXPENSE.
 5. THE CONTRACTOR WILL BE RESPONSIBLE FOR STAKING AND LAYOUT OF PLANTINGS ON THIS PROJECT. THE LANDSCAPE ARCHITECT OR OWNER SHALL BE ADVISED WHEN STAKES ARE READY FOR NOTIFICATION ON VARIOUS PLANTING AREAS. ALL LAYOUT WORK SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO BEGINNING ANY PLANTING ACTIVITIES.
 6. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO VERIFY THAT EACH EXCAVATED TREE OR SHRUB PIT WILL PERCOLATE (DRAIN) PRIOR TO ADDING TOPSOIL AND INSTALLING TREES OR SHRUBS. THE CONTRACTOR SHALL FILL THE BOTTOM OF HOLES WITH SIX (6) INCHES OF WATER. THIS WATER SHOULD PERCOLATE WITHIN A TWENTY-FOUR (24) HOUR PERIOD. IF WATER DOESN'T PERCOLATE, CONTRACTOR SHALL NOTIFY THE OWNER'S REP PRIOR TO INSTALLING PLANTS.
 7. SHOULD THE LANDSCAPE CONTRACTOR ENCOUNTER UNSATISFACTORY SURFACE OR SUBSURFACE DRAINAGE CONDITIONS, SOIL EXPOSURE, LATELY SOIL, HARD PALE, STAIN OR OTHER UNUSUAL OR OTHER CONDITIONS THAT WILL JEOPARDIZE THE HEALTH AND VIGOR OF THE PLANTS, HE MUST ADVISE THE LANDSCAPE ARCHITECT IN WRITING OF THE CONDITIONS PRIOR TO INSTALLING THE PLANTS. OTHERWISE, THE LANDSCAPE CONTRACTOR WARRANTS THAT THE PLANTING AREAS ARE SUITABLE FOR PROPER GROWTH AND DEVELOPMENT OF THE PLANTS TO BE INSTALLED.
 8. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP THE SITE AT THE COMPLETION OF THE PROJECT AND SHALL MAINTAIN THE SITE IN A REASONABLE TREE AND CLEAN STATE THROUGHOUT THE INSTALLATION PROCESS. STREETS AND PAVED AREAS SHALL BE CLEANED REGULARLY TO REMOVE CONSTRUCTION MATERIALS AND OTHER DEBRIS RESULTING FROM WORK OF THE PROJECT.

GENERAL PLANTING NOTES
 9. REPLACEMENTS OF DEAD OR UNSATISFACTORY MATERIAL SHALL BE MADE AS SPECIFIED IN THE PLANT LIST. THE OWNER OR LANDSCAPE ARCHITECT SHALL INSPECT REPLACED PLANTS WHEN ALL REPLACEMENTS HAVE BEEN MADE. REPLACEMENTS ARE TO BE MADE AND IN A HEALTHY CONDITION WHEN THE REPLACEMENTS ARE COMPLETED. REPLACEMENTS ARE NOT SUBJECT TO AN ADDITIONAL QUANTITIES. IF THE LANDSCAPE CONTRACTOR SHALL CONSULT WITH THE LANDSCAPE ARCHITECT ON READY FOR PLANT DELIVERIES AND HOW TO AVOID FUTURE PROBLEMS.
 10. SHOULD THE CONTRACTOR NOT MAKE REPLACEMENTS IN A SATISFACTORY AND TIMELY MANNER IN ACCORD WITH THE PLANTING NOTES, THE OWNER, AFTER PROPER NOTIFICATION TO THE CONTRACTOR MAY UTILIZE THE FUNDS OF THE RETAINAGE TO HAVE THE REPLACEMENTS MADE IN ACCORDANCE WITH THE SPECIFICATIONS BY ANOTHER CONTRACTOR.
 11. NO EXCAVATION OR PLANTING PIT SHALL BE LEFT UNATTENDED OVERNIGHT.
 12. PLANT MATERIAL QUANTITIES PROVIDED IN THE PLANT LIST ARE FOR REFERENCE ONLY AND THE CONTRACTOR IS RESPONSIBLE FOR THE ACTUAL PLANT MATERIAL QUANTITIES. DISCREPANCIES BETWEEN QUANTITIES SHOWN ON THE PLANTING PLAN AND QUANTITIES PROVIDED IN THE PLANT LIST SHALL BE RESOLVED BY THE LANDSCAPE ARCHITECT FOR CLARIFICATION. IF CLARIFICATION OF DISCREPANCIES FROM THE LANDSCAPE ARCHITECT IS NOT POSSIBLE, THEN QUANTITIES SHOWN ON THE PLANTING PLAN SHALL TAKE PRECEDENCE.
 13. REMOVE BURLAP/STAPLING AND WIRE BASKET FROM TOP 1/3 OF ROOT BALL ON TREES.
 14. REMOVE PAPER, PLASTIC ON METAL AROUND ROOT BALLS OF SHRUBS.
 15. DO NOT WRAP TREES.
 16. WATER ALL PLANT MATERIAL IMMEDIATELY AFTER PLANTING.
 17. TREE GUYING MATERIAL SHALL BE "ARBOR-TITE" OR EQUIVALENT.
 18. ALL PLANT BEDS TO BE MULCHED WITH 3" OF DOUBLE SPREAD-ED HARDWOOD MULCH UNLESS OTHERWISE SPECIFIED.
 19. ALL AREAS OF PLANTING, INCLUDING AREAS OF GRASS SEEDING AND SOIL, SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AND SHALL BE PROVIDED APPROPRIATE SOIL FOR THE PROPOSED PLANTINGS.
 20. ALL EXISTING VEGETATION WITHIN AREAS TO BE PLANTED, SODDED AND/OR SEEDS SHALL BE REMOVED PRIOR TO PLANTING, SODDING, AND SEEDING. ALL AREAS INDICATED TO BE GRASS SEED SHALL BE SEEDER PER GRASSING SPECIFICATIONS FOR PERMANENT ESTABLISHMENT.

FWF FULL WELL FORMED MS MULTI-STEMMED TRUNK EGG EGG CAN CONTAINER
 SP SPECIMEN MATERIAL CL TRUNK CALIPER B&B BALLED AND BURLAPPED MATERIAL
 TF TREE FORM HABIT GAL GALLON CONTAINER CON CONTAINERIZED MATERIAL MH MATCHING HEIGHTS
 BR BARE ROOT MATERIAL RF REFOULATED
 ESP ESPALIER HC HURRICANE CUT

PLANT SCHEDULE FOR SHEET L1.0

PLANT SCHEDULE										
TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	HEIGHT	SPREAD	SPACING	SPACING	REMARKS	
	ACBU	3	Acer buergerianum / Trident Maple	2.5' CAL	8-10'	4'-6"	AS SHOWN		FWF, SP	
	QUNU	3	Quercus nuttallii / Nuttall Oak	2.5' CAL	8-10'	4'-6"	AS SHOWN		FWF, SP	
UNDERSTORY TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	HEIGHT	SPREAD	SPACING	REMARKS		
	CERC	3	Cercis canadensis / Eastern Redbud	1.5' CAL	6'-8'	8'	AS SHOWN		FWF, SP	
	LAIN	1	Lagerstroemia x 'Natchez' / Natchez Crape Myrtle	2.5' CAL	6'-8'	8'	AS SHOWN		MS, FWF, SP, MIN. 3 STEMS	
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	HEIGHT	SPREAD	SPACING	REMARKS		
	ABRC	8	Abelia x 'Rose Creek' / Rose Creek Abelia	3 GAL	18"-24"	12"-18"		36" o.c.		
	ILVN	28	Ilex vomitoria 'Nana' / Dwarf Yaupon	3 GAL	18"-24"	18"-24"	AS SHOWN	33" o.c.	FWF, SP	
	VIBO	9	Viburnum odoratissimum / Sweet Viburnum	3 GAL	18"-24"	18"-24"	AS SHOWN	60" o.c.	FWF, SP	
GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	HEIGHT	SPREAD	SPACING	REMARKS		
	MUHL	16	Muhlenbergia filipes / Sweetgrass	3 GAL	18"-24"	18"-24"	AS SHOWN	30" o.c.	FWF, SP	
SOD/SEED	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	HEIGHT	SPREAD	SPACING	REMARKS		
	SOD1	2,071 sf	Eremochloa ophiuroides / Centipede Grass	SOD	N/A	N/A	N/A		SP	
	MULCH	60	Pine Straw	BALE	N/A	N/A	N/A		N/A	

1. THE TECHNICAL SPECIFICATIONS ARE MADE A PART OF THESE PLANS AND SHALL BE CONSULTED BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING WORK AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS AND ON THESE PLANS.
 2. CONTRACTOR SHALL NOTIFY THIS OFFICE OF ANY DISCREPANCIES PRIOR TO BEGINNING OR CONTINUING WORK.
 3. THERE WILL BE NO SUBSTITUTIONS, DELETIONS OR ADDITIONS WITHOUT APPROVAL OF THIS OFFICE.
 4. SIZE OF PLANT MATERIALS SHALL CONFORM WITH THE CURRENT EDITION OF AMERICAN STANDARD FOR NURSERY STOCK FOR NUMBER ONE GRADE NURSERY STOCK AS ADOPTED BY THE AMERICAN ASSOCIATION OF NURSEYMEN AND AMERICAN NATIONAL STANDARDS INSTITUTE.
 5. THE QUANTITIES ON THE SCHEDULE ARE ONLY A GUIDE. ALL QUANTITIES SHALL BE VERIFIED BY THE CONTRACTOR ON THE PLANTING PLAN.

PLANT SCHEDULE



MOUNT PLEASANT, SC 843.884.1887
 GREENVILLE, SC 864.288.0534
 SUMMERVILLE, SC 843.972.0710
 SPARTANBURG, SC 803.272.1272
 CHARLOTTE, NC 980.312.5450
 WWW.SEAMONWHITESE.COM



415 RED BANK ROAD
 GOOSE CREEK, SC

SW+ PROJECT: 8505
 DATE: 8/31/2020
 DRAWN BY: WJK
 CHECKED BY: JLG

REVISION HISTORY

A	8/29/20	

PLANT SCHEDULE AND DETAILS

THIS DRAWING SHALL NOT BE REPRODUCED IN ANY MANNER OR USED FOR ANY PURPOSE WITHOUT WRITTEN PERMISSION. 501 WAMMO PARK BOULEVARD, SUITE 200 | MOUNT PLEASANT, SC 29571 | 506 RIVETT STREET, SUITE 101 | GREENVILLE, SC 29601

PORT CITY LIQUORS NORTH



GENERAL NOTES:

1. SEE SWPPP PLANS (SHEETS C3.0 - C3.2) FOR SILT FENCE LOCATIONS, TREE PROTECTION ZONES AND BARRICADES, AND ADDITIONAL NOTES AND DETAILS.
2. THE OVERALL PLANT QUANTITY FOR THE ENTIRE SITE CAN BE FOUND ON THE MASTER PLAN SCHEDULE, SHEET L.1.1.
3. SEE SITE PLAN (SHEET C4.0) FOR SITE LABELS, INFORMATION AND DETAILS.
4. CONTRACTOR TO CONTACT CIVIL ENGINEER OR LANDSCAPE ARCHITECT REGARDING ANY SITEWORK MODIFICATIONS FROM THESE PLANS PRIOR TO CHANGES IN THE FIELD. CONTACT: 843-884-1667

PLANT SCHEDULE FOR SHEET L1.0

PLANT SCHEDULE				
TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	ACBU	3	Acer buergerianum / Trident Maple	2.5' CAL
	QUNU	3	Quercus nuttallii / Nuttall Oak	2.5' CAL
UNDERSTORY TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	DERC	3	Cercis canadensis / Eastern Redbud	1.5' CAL
	LNV	1	Lagerstroemia x 'Natchez' / Natchez Crape Myrtle	2.5' CAL
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	ADR	8	Abelia x 'Rosea' / Rose Creek Abelia	3 GAL
	ELV	28	Bux sempervirens 'Nana' / Dwarf Yaupon	3 GAL
	VIBO	9	Viburnum odoratissimum / Sweet Viburnum	3 GAL
GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	MUHL	16	Muhlenbergia filipes / Sweetgrass	3 GAL
SOD/SEED	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	SOD1	2,071 SF	Eremochloa ophiuroides / Centipede Grass	SOD
	MULCH	60	Pine Straw	BALE

CODE REQUIREMENTS

ZONING: GC (GENERAL COMMERCIAL)
 REAR BUFFER: 30' TYPE 1

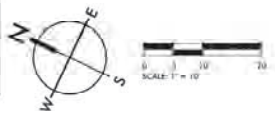
	PER 100LF	REQUIRED	PROVIDED
CANOPY TREE	4	3	2
UNDERSTORY TREE	6	4	4
SHRUB	15	9	9

LANDSCAPE AREA: 12% OF TOTAL AVAILABLE AREA (TAA + TOTAL AREA - BLDG AREA)
 TAA = 8,949 SF - 650 SF - 763 SF = 7,536 SF @ 12% = 904 SF LANDSCAPE AREA REQUIRED
 1,547 SF LANDSCAPE AREA PROVIDED

TREES = MIN 12/ACRE @ 0.21 AC = 3 TREES REQUIRED
 8 TREES PROVIDED

STREET TREES: MIN 3 PER 100LF FRONTAGE @ 38.6 LF - 2 REQUIRED
 2 PROVIDED

NOTE:
 THERE ARE NO EXISTING TREES ON SITE.



MOUNT PLEASANT, SC 29571
 GREENVILLE, SC 29601
 SUMMERVILLE, SC 29586
 SPARTANBURG, SC 29583
 CHARLOTTE, NC 28202



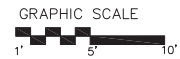
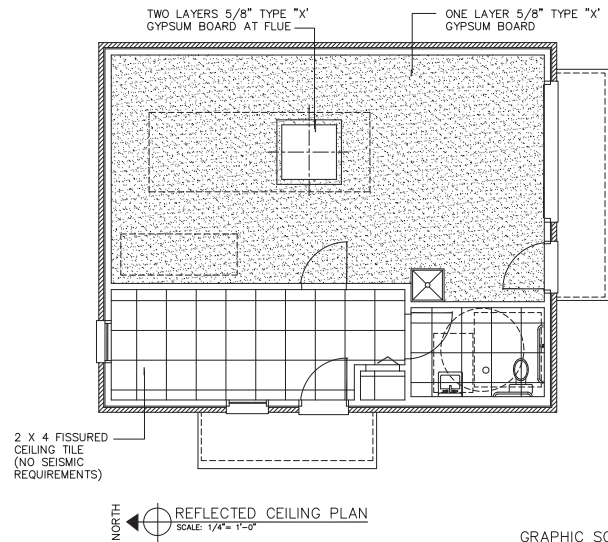
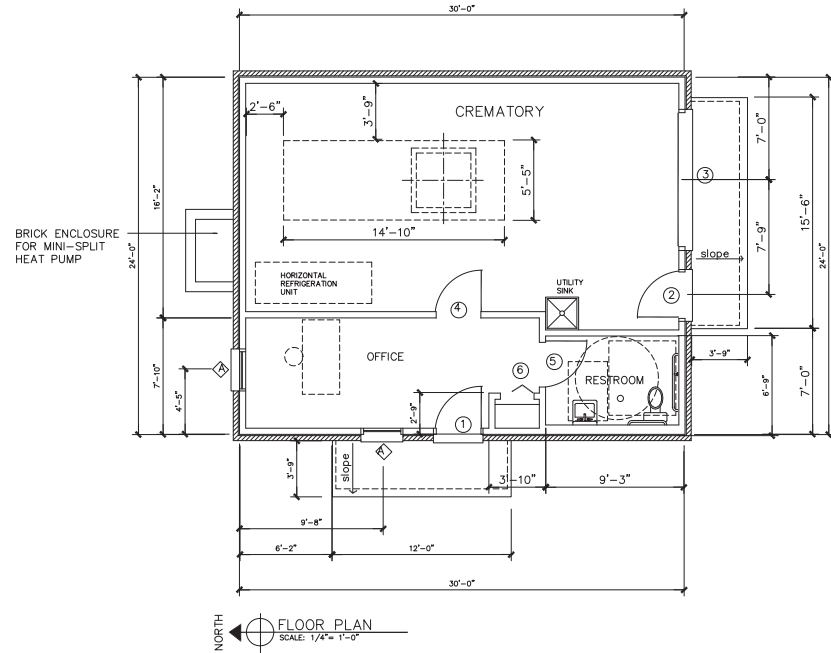
415 RED BANK ROAD
 GOOSE CREEK, SC

SW+ PROJECT: 8505
 DATE: 8/10/2020
 DRAWN BY: WSK
 CHECKED BY: JAO

REVISION HISTORY

RENDERED LANDSCAPE PLAN

L2.0



JOHN E. GARDNER
ARCHITECT

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**ARCHITECTURAL REVIEW BOARD
SUBMITTAL
NEW CREMATORY
415 REDBANK ROAD
GOOSE CREEK, SOUTH CAROLINA**

DATE 30 NOV 20

SHEET A1

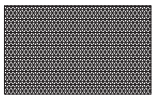


JOHN E. GARDNER
ARCHITECT

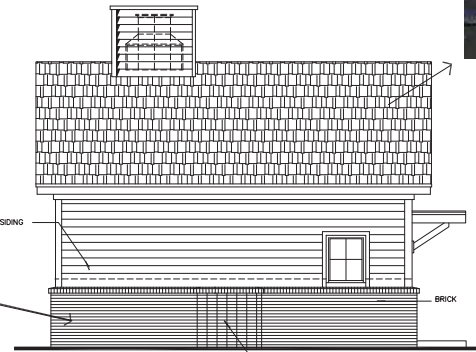
224 AVINGER ROAD
HUGER, SOUTH CAROLINA 29450
(843) 670-0351
EMAIL: jonsoncreekus@gmail.com



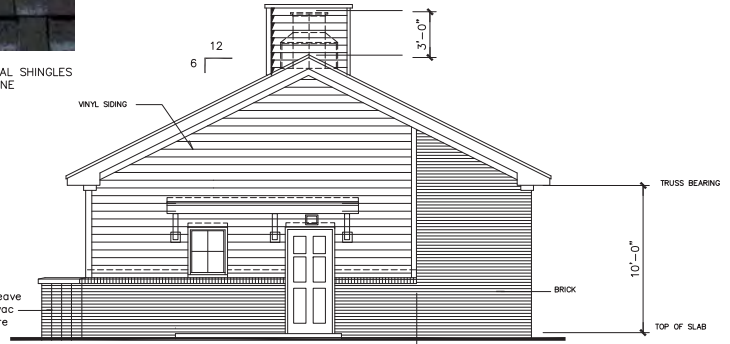
ARCHITECTURAL REVIEW BOARD
SUBMITTAL
NEW CREMATORY
415 REDBANK ROAD
GOOSE CREEK, SOUTH CAROLINA



DATE	30 NOV 20
SHEET	A2



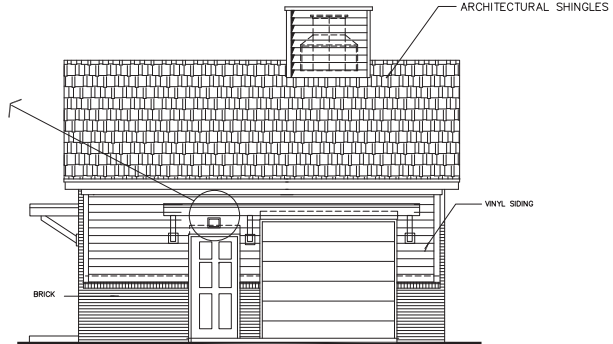
LEFT ELEVATION (NORTH)
SCALE: 1/4" = 1'-0"



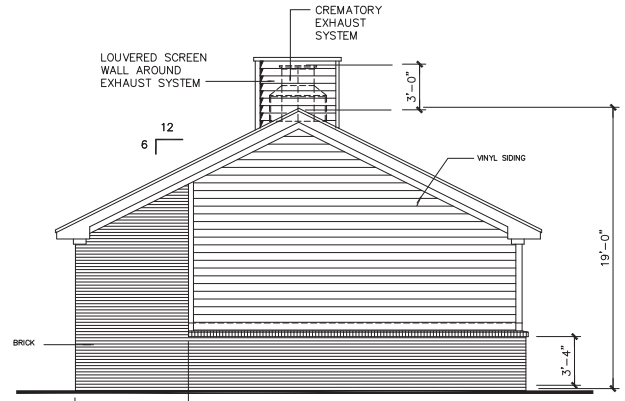
FRONT ELEVATION (WEST)
SCALE: 1/4" = 1'-0"



EXTERIOR LIGHT



RIGHT ELEVATION (EAST)
SCALE: 1/4" = 1'-0"



REAR ELEVATION (SOUTH)
SCALE: 1/4" = 1'-0"

