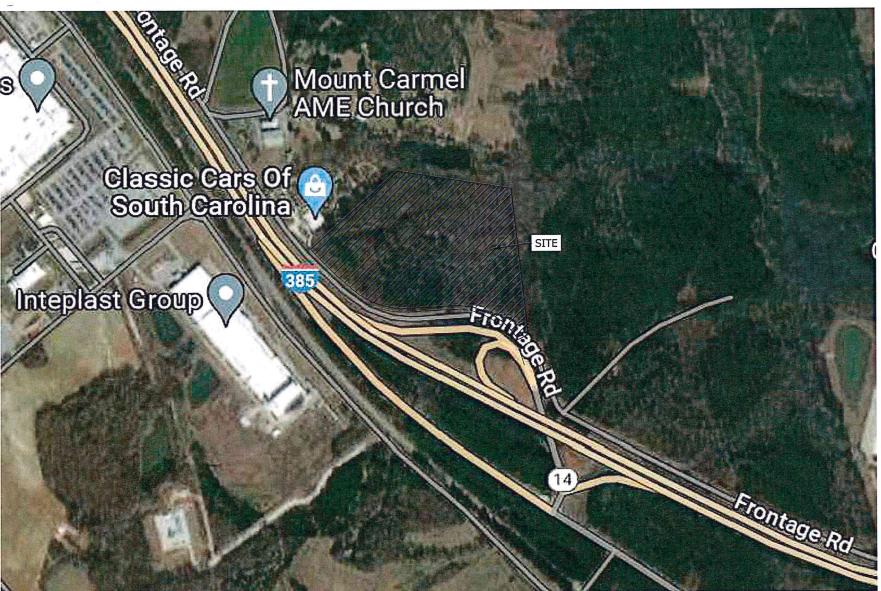
FOREST VIEW

2427 S. FRONTAGE ROAD (S-30-956) GRAY COURT, SC 29645

CIVIL ENGINEERING SET FOR CONSTRUCTION



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LOCATION MAP NTS

CERTIFICATION STATEMENT:

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 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000.

OWNER:

H20S DEVELOPMENT LLC 135 S MAIN STREET SUITE 4100 GREENVILLE, SC 29601 TEL: 864.444-5005

CIVIL ENGINEER:

ZUENDT ENGINEERING, LLC 301N MAIN STREET, SUITE 301 GREENVILLE, SC 29601 TEL: 864.990-2995







E CONSTRUCTION DOCUMENTS
FOREST VIEW
2427 S. FRONTAGE ROAD
LAURENS COUNTY SC

SITE

COVER SHEET

SCALL		
DRAWN		AFZ
CHROKED		AF2
ATPROVE		AFC
CATE		09.12/2023
REVISION	7.	
SAMAGE	0.439	DESCRIPTION
LA	09/12/2023	FOR CLIENT COMMENT
В	10/05/2023	ISSUED FOR GRADING PERMIT
c	01/20/2024	IT C. RESPONSE TO CHEC COM
, D	03/20 2024	, ISQUED FOR CONSTRUCTION

C_{0.01}

- 1. CONTRACTOR TO NOTIFY THE CITY OF LAURENS COUNTY ENGINEER AND ENGINEER OF RECORD 48 HOURS PRIOR TO START.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROPER AND SUFFICIENT CONSTRUCTION INC. CONTINUED STALL DE RESPONSIBLE FOR PROVIDING PROPER AND SUFFICIENT CONSTRUCTIC
 PROTECTION TO THE WORKERS AND THE PUBLIC. OSHA AND OTHER LOCAL, STATE, AND FEDERAL CODES
 SHALL BE FOLLOWED.
- ALL WORK AND MATERIAL SHALL MEET THE REQUIREMENTS OF THE LOCAL AND STATE CONSTRUCTION CODES, LATEST EDITION AND THE SPECIFICATIONS OF THE NATIONAL BOARD OF FIRE
- 4. ALL QUANTITIES SHOWN HEREIN ARE APPROXIMATE AND FOR INFORMATION ONLY. THE CONTRACTOR SHALL PROVIDE ALL MATERIAL NECESSARY TO CONSTRUCT THE PROJECT COMPLETE AS GENERALLY INTENDED IN THESE SITE PLANS.
- ALL SITE CURBING SHALL BE CONCRETE.
- 6. ALL SUB-GRADE MATERIAL SHALL BE COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE CERTIFICATION BY A LICENSED PROFESSIONAL GEOTECHNICAL ENGINEER THAT ALL SUBGRADES BELOW STRUCTURAL IMPROVEMENTS INCLUDING PAVEMENT, SIDEWALKS, WALLS, ETC., HAVE BEEN COMPACTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. BUILDING PADS AND ALL PAVEMENT AREAS SHALL BE COMPACTED TO 98% MODIFIED PROCTOR. ALL WATER, SEWER, UTILITY LINES, & STORMWATER LINES SHALL BE COMPACTED TO 95%
- 7. THE MAXIMUM GRADE WITHIN HANDICAPPED PARKING STALLS/ACCESS AISLES SHALL BE 2.0%. ALL HANDICAP RAMPS SHALL BE FLUSH WITH THE PAVEMENT.
- TC INDICATES TOP OF CURB, G INDICATES GUTTER AT FINISHED PAVEMENT ELEVATION, TG INDICATES TOP OF INLET GRATE.
- 9. THE MAXIMUM SLOPE WITHIN THE PARKING FIELD SHALL BE 7%.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION AND COORDINATION WITH ALL
- 11. SIZE AND LOCATION OF EXISTING STORM SEWER, SANITARY SEWER, AND CATCH BASINS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF PROPOSED IMPROVEMENTS.
- 12. LOCATION OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE, THE CONTRACTOR MUST CONFIRM LOCATIONS INDEPENDENTLY WITH LOCAL UTILITY COMPANIES AND TO HIS SATISFACTION PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION. SANITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS SHALL BE CONFIRMED INDEPENDENTLY BY THE CONTRACTOR IN FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE ENGINEER, CONSTRUCTION SHALL COMMENCE BEGINNING AT THE LOWEST INVERT (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 13. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION OF UTILITY/STORM SEWER CONNECTIONS
- 14. ALL UTILITY VALVE COVERS, RIMS, GRATES, VENTS ETC. WHICH ARE NOT BEING REMOVED AND ARE WITHIN AREAS OF DISTURBANCE SHALL BE RESET TO GRADE.
- 15. EXTREME CAUTION SHALL BE USED DURING DISTURBANCE ACTIVITIES ADJACENT TO EXISTING ON-SITE UTILITY SERVICE LINES. THE CONTRACTOR SHALL PROTECT THOSE LINES AS REQUIRED DURING CONSTRUCTION TO AVOID DAMAGE, ANY DAMAGE TO EXISTING LINES SHALL BE REPAIRED IN ACCORDANCE WITH THE RESPECTIVE UTILITY COMPANY REQUIREMENTS AT THE SOLE EXPENSE OF THE
- 16. WATER MAINS MUST BE LOCATED ABOVE SANITARY SEWER LINES WITH A MINIMUM VERTICAL SEPARATION OF 18 INCHES OR MUST BE HORIZONTALLY SEPARATED BY 10 FEET.
- 17. CONCRETE THRUST BLOCKS SHALL BE INSTALLED ON ALL WATER LINES AS PER STANDARD SIZES
- 18. NEW WATER MAIN SHALL BE CLASS 52 CEMENT LINED DUCTILE IRON PIPE, CONSTRUCTED WITH A MINIMUM OF FOUR FEET COVER AND TESTED IN ACCORDANCE WITH THE GREENVILLE WATER STANDARDS
- 19. THE ENCLOSED WATERMAIN DESIGN PLANS DO NOT DEPICT THE LOCATION OF EVERY ELBOW, TEE, THRUST BLOCK, BEND, VALVE ETC. WHICH WILL BE NECESSARY. THE CONTRACTOR SHALL INCLUDE IN HIS BID ALL PIPING, TESTING AND APPURTENANCES WHICH WILL BE REQUIRED FOR A FULLY FUNCTIONING
- 20. CONTRACTOR SHALL PRESSURE CHECK/FLOW TEST WATER MAINS AT THE BUILDING UPON INSTALLATION AND PROVIDE THE INFORMATION TO THE ARCHITECT AND MECHANICAL ENGINEER. HE SHALL INSTALL ALL DEVICES AS NECESSARY TO PROVIDE ACCURATE INFORMATION FOR FIRE/DOMESTIC
- 21. ALL SITE CATCH BASINS SHALL BE SCDOT TYPE 1 INLET AND ALL STORM SEWER PIPE SHALL BE HDPE SMOOTH BORE UNLESS OTHERWISE NOTED, AND SHALL MEET ALL INDUSTRY REGULATIONS AND STANDARDS.
- 22. CONTRACTOR TO RESTORE ALL DISTURBED AREAS WHERE SANITARY SEWER INSTALLATION OCCURS.
- 23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING ALL SOIL EROSION CONTROL STRUCTURES THROUGHOUT CONSTRUCTION. ALL REQUIREMENTS FROM SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL SHALL BE FOLLOWED.
- ALL EXISTING SITE INLETS IMMEDIATELY BELOW THE DISTURBED AREA SHALL HAVE TEMPORARY FILTER FABRIC OR EQUAL, TO PREVENT ENTRY OF SEDIMENT DURING CONSTRUCTION. DISTURBED AREAS SHALL BE STABILIZED BY SEEDING OR STABILIZING FABRIC IN ACCORDANCE WITH THE SOIL EROSION CONTROL PLAN. CONTRACTOR TO SUBMIT AN UPDATED SEQUENCE OF CONSTRUCTION SCHEDULE PRIOR

GENERAL NOTES:

- 1. SITE IS KNOWN AS LAURENS COUNTY TAX MAP NUMBERS 125-00-00-024.
- 2. THE CONTRACTOR SHALL BE AWARE THAT SAFETY PRECAUTIONS WHICH EXCEED THE TYPICAL CONSTRUCTION SITE WILL BE REQUIRED FOR THIS PROJECT. REFER TO THE PROJECT SPECIFICATIONS
- 3. IN CASE OF DISCREPANCIES BETWEEN THESE PLANS AND THE PROJECT SPECIFICATIONS THE MORE
- 4. REFER TO ARCHITECTURAL SITE, LANDSCAPE, ELECTRIC, DATA TELEPHONE, SECURITY AUDIO VISUAL

- 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 BERMS MAY BE
- INSTALL TEMPORARY SLOPE IS BROUGHT TO GRADE.

 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:
 WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND
 CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
- WHERE CONSTRUCTION A CITIVITY 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.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER FORM INFORMATION INDICATES THAT A BWF HAS BENN INAPPROPRIATELY OR INCORRECTLY INSTALLED, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48
- HOURS OF IDENTIFICATION.
 PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION 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 SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATER OF THE STATE.
- SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WAITER OF THE STATE.
 ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF
 CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL
 DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED
 REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED. THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAYED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE
- CONTRACTOR SHALL DAILY REMOVE MIDJSOIL FROM PAVEMENT, AS MAY BE REQUIRED. RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURE FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR BOTAIN APPROVAL OF AN INDIVIDUAL PLAN IN
- ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SCRIDOROD.

 TEMPORARY DIVERSION BERNS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING
 CONSTRUCTION TO PROTECT WORK AREAS FROM UNSLOPE RUNOFF AND/OR TO DIVERT
- SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
 ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE
 CLEARLY MARKED IN THE FILED. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL
 AREAS WHERE A 50 FOOT BUFFER CANT BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10 FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE
- 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 STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.

 11. A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT
- THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM 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 PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
 MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- MINIMIZE THE DISCHARGE OF POLLITANTS 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
- 15. MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED 15. MINIPILE THE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMP'S (SEDIMENT BASIN, FILTER BAG, ETC.).

 16. THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
- MASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL; WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS; SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
- 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 BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OS 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
- PRACTICABLE. IF IMPLEMENTATION BEPORE THE INCIL STORM EVENT IS IMPRACTICABLE, THE STIUNTION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS 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.

ACP	ASBESTOS CEMENT PIPE	ITEM	EXISTING	PROPOSED
BC BC	BOTTOM OF CURB	STORM INLET	لسا	341
B.O.S.	BOTTOM OF STRUCTURE	MANHOLE		
BW	BOTTOM OF WALL	PARTICLE	<u> </u>	•
BLK	BLOCK	CLEAN OUT	0 00	o ca
BLDG	BUILDING			
BIT	BITUMINOUS	HYDRANT	¥	**
BM	BENCHMARK BOLLARD	WATER MAINE	#Y	₩V D≪I
BOL CB	CATCH BASIN (INLET)	WATER VALVE		
CIP	CAST IRON PIPE	GAS VALVE	€¥	₽¥
CLF	CHAIN LINK FENCE			Λ
CMP	CORRUGATED METAL PIPE	SURVEY/TRAVERSE POINT	Δ	<u> </u>
CONC	CONCRETE		•	*
(D) DC	DEED DEPRESSED CURB	SOIL BORING (LABELED)	◆	Ψ
D.I.	DUCTILE IRON	UTILITY POLE	nu.	786
DY	DOUBLE YELLOW	Unari rocc		
EL.	ELECTRIC	LIGHT POLE	*	*
ELEV	ELEVATION		ur.	
EP.	EDGE OF PAVEMENT EXISTING	METAL COVER	M.C _L	
FC FC	FLUSH CURB	CONCRETE COVER	 e.c.	
FEN.	FENCE	CONCRETE COVER	C.C.	
FF	FINISHED FLOOR	GUY WIRE	(D	•
F.K.A.	FORMERLY KNOWN AS		\sim	\sim
FND	FOUND	TREE (DECIDUOUS)	7 • 7	6.4
FP	FLAGPOLE FRAME		ω .	\sim
FR G	GUTTER ELEVATION AT PAVEMENT	SPOT ELEVATION	× 219.46	+ 219.46
GAR	GARAGE			
GR	GRATE	FLARED END SECTION	•	•
HPS	HIGH PRESSURE SEWER	SIGNS		
INV	INVERT			
IP LA	IRON PIPE LANDSCAPED	ELECTRIC BOX	E.B.	
MH	MANHOLE		(EV)	
MON	MONUMENT	ELECTRIC VAULT	[c.v.]	
MW	MONITORING WELL			
P.E.	POLYETHYLENE PIPE	EXISTING MINOR CONTOUR LINE		169
POB	POINT OF BEGINNING	EXISTING MAJOR CONTOUR LINE		190
PC	POINT OF CURVATURE	EXISTING MAJOR CONTOUR LINE	730	
PROP. PT	PROPOSED POINT OF TANGENCY	GUIDERAIL		
PVC	POLYVINYL CHLORIDE			
PVC	POINT OF VERTICAL CURVATURE	CURB LINE	***************************************	
PVI	POINT OF VERTICAL INTERSECTION			
PVT	POINT OF VERTICAN TANGENCY	DEPRESSED CURB	12-24-20-20-20-20-20-20-20-20-20-20-20-20-20-	
RCP R.O.W.	REINFORCED CONCRETE PIPE RIGHT OF WAY	GAS LINE		
RR	RAILROAD	GAS LINE	v	
SAN	SANITARY	WATER LINE	——	— w —
SRF	SPLIT RAIL FENCE			
		POWER LINE	E	t
		TELEPHONE LINE	TEL	TF1
		TELES HOTE LINE		122
		SANITARY SEWER PIPE	s	s
		STORM SEWER PIPE		
			-X-	
		GATE	0	
		FFNCE		
		FENCE		
		WOODS/BRUSHLINE	$\sim\sim$	$\sim\sim$
		EDGE OF WATER		
		RIGHT-OF-WAY LINE		
		PROPOSED CONCRETE PAD/SIDEWALK	1 4	
		, NOTOSED CONCRETE I ADJSTOCHACK	· ·	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `

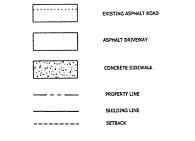


GENERAL NOTES



C1.01

LEGEND



GENERAL NOTES:

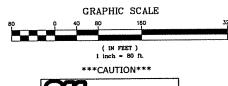
- ACTUAL LOCATION OF UTILITIES ARE TO BE DETERMINED BY EACH OF THE RE COMPANIES AT THE TIME OF THEIR APPROVAL. UTILITY EASEMENTS WILL BE UPON FINAL APPROVAL OF PROPOSED UTILITY LOCATIONS BY RESPECTIVE UTI
- ALL UTILITY BACKFILL MATERIALS ARE SUBJECT TO REVIEW AND APPROVAL OF THE MUNICIPA ENGINEER.
- 5. PRESERVE AS MANY EXISTING TREES AS POSSIBLE DURING CONSTRUCTION

- 8. ACREAGE: 29,451 ACRES

- 10. SITE ADDRESS: 2427 S. FRONTAGE ROAD, LAURENS COUNTY SC, 29645
- ELEVATIONS FOR FINISHED FLOORS BASED OFF OF AN ASSUMED ELEVATION BY SURVEYOR, BASED UPON 0.00 ELEVATION EASTERN MOST PROPERTY CORNER.

EXTERIOR: 50 FEET

SIGN DATA TABLE							
TEXT		STANDARD			COLOR		TYPE OF
NO.	TEXT	SIGN NO.	SIZE	BACK- CHARAC- GROUND TERS		MOUNT.	
1	STOP		29"x29"	RED	WHITE	POLE MTD GROUND MTD	
	CLUSTER DEV						
		1 29.4510	_	l	j		
	ROSS ACRES NG/ PERMITTED DENSITY	X-XX / N/					
NUMBER	OF LOTS ALLOWE	D N/A		- 11			
	MBER OF LOTS PROPOSED	80		8	7		
REQU	IRED OPEN SPACE			ī	Ī		
	(20%)	5.89 AC		- 11			
(85	ELOPABLE LAND EQUIRED 10%)	4,61 (789					
UNDE	VELOPABLE LAND	2.07 (359	6)	إر			
				1			
				2			
				E			
				SC CRD NAC AS	3		
				1	3		





ZUENDT ENGINEERING CONL & STRUÇTURAL ENGINEERING



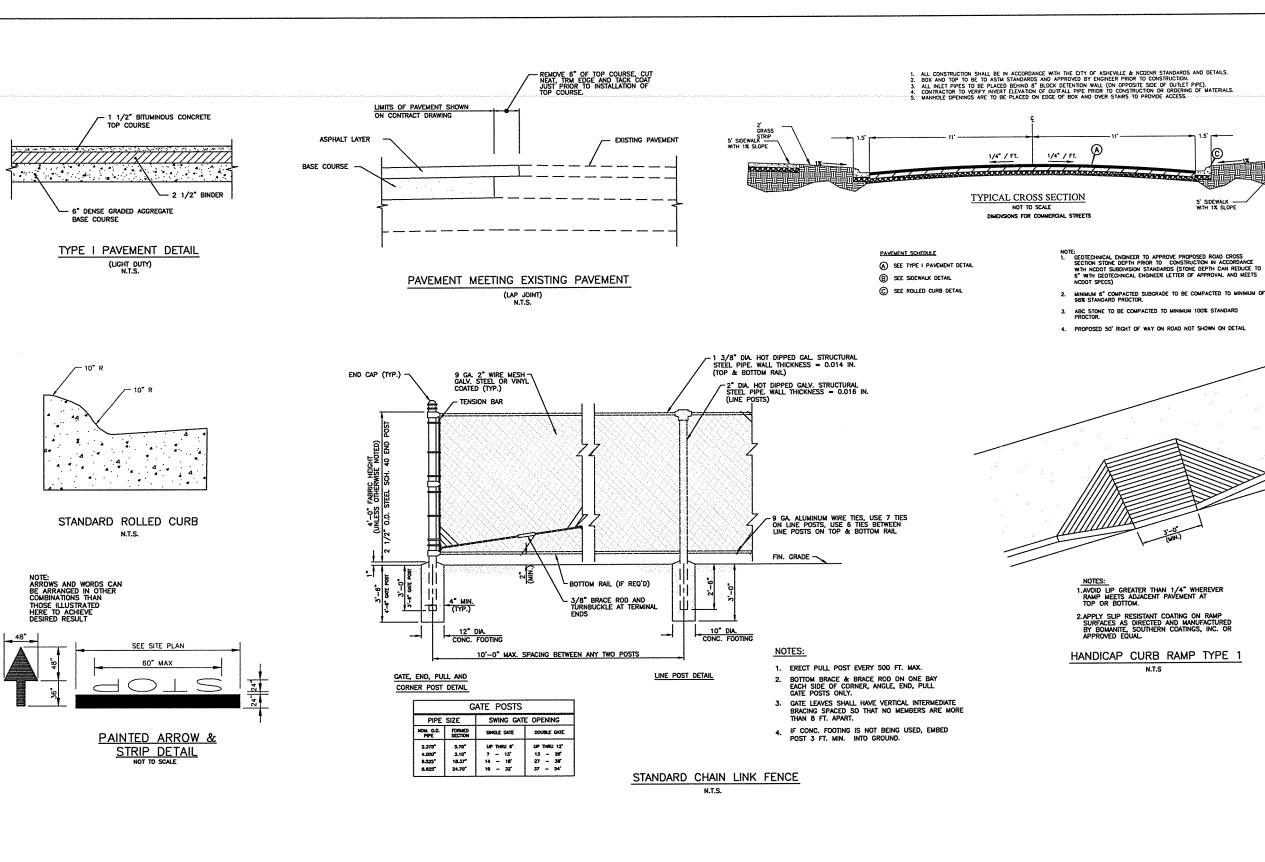


D NOT COLLEGE AND 1995 2023 THREE PLANTS IN

SITE CONSTRUCTION DOCUMENTS
FOREST VIEW
2427 S. FRONTAGE ROAD
LAURENS COUNTY SC

SITE TRIANGLE PLAN

C2.02



ZUENDT ENGINEERING CML & STRUCTURAL ENGINEERINS





ALEXANDER F. ZUENDT DATE
SC PROFESSIONAL DIGNER LC. No. 29415
MEDIT NO. PROFESSIONAL DIGNER LC. No. 29415
MEDIT NO. PROFESSIONAL STATEMENT A MEDIT NO. PROFESSION STATEMENT AS MEDITAL STATEMENT AS M

E CONSTRUCTION DOCUMENTS FOREST VIEW
2427 S. FRONTAGE ROAD
LAURENS COUNTY SC

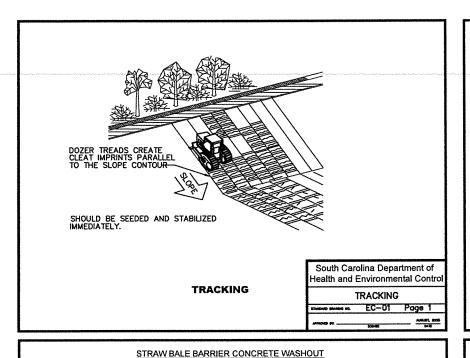
Ш ES

CONSTRUCTION **DETAILS-1-**

A GG-12 2020 FOR CHENT COMMENT

B 1006 403 NOVERTHAN GRADING FLANCE C 03/08/04/54 NO SECRONSE TO CHECKON

C6.01



STAPLES X" DIA. 4" STAPLE.

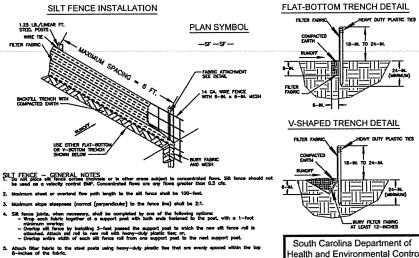
1. ACTUAL LAYOUT DETERMINED IN FIELD.

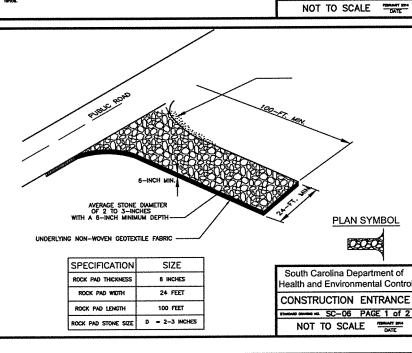
2. INSTALL CONCRETE WASHOUT SIGN (24"X24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

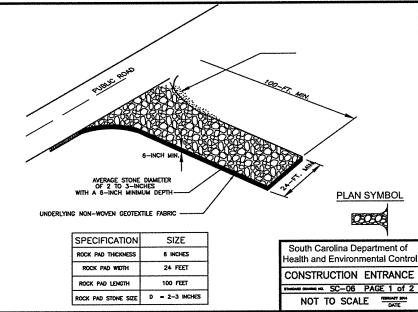
TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.

CLEAN OUT CONCRETE WASHOUT AREA WHEN SOX FULL.

THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.









- Attach filter fabric to the steel poets seing heavy-duty plastic ties that are evenly spaced within the top 8-inches of the fabric.

SILT FENCE - POST REQUIREMENTS

1. Sitt Fence posts must be 48-inch long steel posts that meet, at a minimum.

Sieel poets may need to have a metal sell stabilization plots weight learn the bottom when heritated along sizes being at stabilization plots weight learn the bottom when heritated othing sizes being at 17-separa inches and be minimum. The metal sell stabilization plots should be completely better.

- SILT FENCE FABRIC REQUIREMENTS

 1. SIX hance must be composed of woren geolaritie filter fooric that consists of the following reportments:

 Composed of filters consisting of long choin synthetic polyment of old itself SIX by weight of polyhetine, polyhetine, or polyments that are formed that a network such that the filterness or yone retain dimensional stability in the contraction of the contraction of the polyhetine polyhetine, and the contraction of the polyhetine polyhetine or polyhetine filter installation,
 Fire a draw installation,
 Fire a draw feetace or flore that significantly offset its physical and/or filtering properties; and,
 Hore a minimum width of 38-inches.
- . 12-Inches of the fabric should be placed within excavated trench and tood when the trench is backfilled.
- Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.

- SILT FENCE INSPECTION & MAINTENANCE

 1. The key to functional silt fence is weekly inspections, routine mainten regular sediment removal.
- Regular inspections of sit fence shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.

- Removed sediment sholl be placed in stockpile storage areas or spread think cornes disturbed area. Stobilize the removed sediment ofter it is relocated.
- Check for creas where stormwater runoff has eroded a channel beneath the ellt fence, or where the fence has sogged or collepted due to runoff overtopping the silt fence. Install checks/its-backs and/or reinstall silt fence, or necessor.

South Carolina Department of Health and Environmental Contro

SILT FENCE OND DESIGN SC-03 PAGE 2 of 2

GENERAL NOTES

- Stabilized construction entrances should be used at all points where traffic will egress/ingress a construction site onto a public road or any impervious surfaces, such as parking lots.
- install a culvert pipe across the entrance when needed to provide positive drainage.

CONSTRUCTION ENTRANCE - GENERAL NOTES

- The entrance shall consist of 2-inch to 3-inch 050 stone placed at a minimum depth of 6-inches.
- The edges of the entrance shall be topered out towards the road to prevent tracking at 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.
- 3. Limestone may not be used for the stone pad.

- CONSTR. ENTRANCE INSPECTION & MAINTENANCE
- Regular inspections of construction entrances shall be conducted once every colendar week and, as recommer within 24-hours after each rainfall even that produces 1/2-inch or more of precipitation.
- 3.During regular inspections, check for mud and sediment buildup and pad 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.
- 5. 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 or mud being carried off-site by vehicles. Frequent washing will extend the useful file of stone pad.

Immediately remove mud and sediment tracked or washed onto adjocant 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 required immediately.
- Construction entrances should be removed after the site has reached final stabilization. Permanent vegetation should replace areas from which construction entrunces have been removed, unless area will be converted to an impervious surface to serve

South Carolina Department of

GENERAL NOTES

Health and Environmental Contro CONSTRUCTION ENTRANCE

TEMPORARY STOCKPILE AREA SOIL/SEDIMEN

NOTES:

- SET FENCE TO EXTEND AROUND ENTIRE PERIMETER OF STOCKPILE, OR IF STOCKPILE AREA IS LOCATED ON/NEAR A SLOP THE SET FENCE IS TO EXTEND ALONG CONTIOURS OF THE DOWN-GRADIENT AREA.
- IF STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, TEMPORARY STABILIZATION MEASURES MUST BE IMPLEMENTED.

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LETTERS A MINIMUM ...

OF 5" IN HEIGHT

CONCRETE

CONCRETE WASHOUT SIGN DETAIL

WASHOUT

- 4. THE KEY TO FUNCTIONAL TEMPORARY STOCKPILE AREAS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL

South Carolina Department of ealth and Environmental Contro TEMPORARY STOCKPILE NAME DESCRIPTION SC-15 PAGE 1 of 1

NOT TO SCALE

SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.

South Carolina Department of

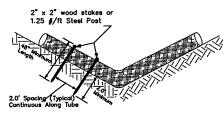
ealth and Environmental Contro

CONCRETE WASHOUT

STRAW BALES OR ABOVE GROUND

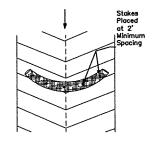
NOT TO SCALE TRATE

SEDIMENT TUBE INSTALLATION



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			



SILT FENCE

∞ ∞ ∞ SC-03 Page 1 of 2

PLAN SYMBOL

South Carolina Department of Health and Environmental Control SEDIMENT TUBES we owner to SC-05 PAGE 1 of 2 NOT TO SCALE TOTAL

- Sediment tubes, when used as checks within channels, should range between 18-inches and 24-inches depending on chann dimensions. Diameters outside this range may be allowed where necessary when approved.
- 8. Sediment tubes should be staked using wooden stakes (2-inch X 2-inch) or steel posts (standard "U" or "T" 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
- The ends of adjacent sediment tubes should be overlapped 5—inches to prevent flow and sediment from passing through the field joint.
- Each sediment tube should be installed in a trench with a depth equal to 1/5 the diameter of the sediment tube.
- 12. Install stakes at a diagonal facing incoming runoff

- 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 even that produces 1/2-inch or more of
- Attention to sediment occumulations in front of the sediment tube is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
 - Remove accumulated sediment when it reaches 1/3 the height of the sediment tube.
 - wed sediment shall be placed in stockpile storage areas read thinly across disturbed area. Stabilize the removed ent after it is relocated.
 - 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 tube.
- Sediment tubes should be removed after the contribution drainage area has been completely stabilized. Permanevegetation should replace areas from which sediment thove been removed.

South Carolina Department of Health and Environmental Control

> SEDIMENT TUBES DANG DRAWNER HOL SC-05 PAGE 2 of 2 GENERAL NOTES TOTALE

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CONSTRUCTION **DETAILS -4-**

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