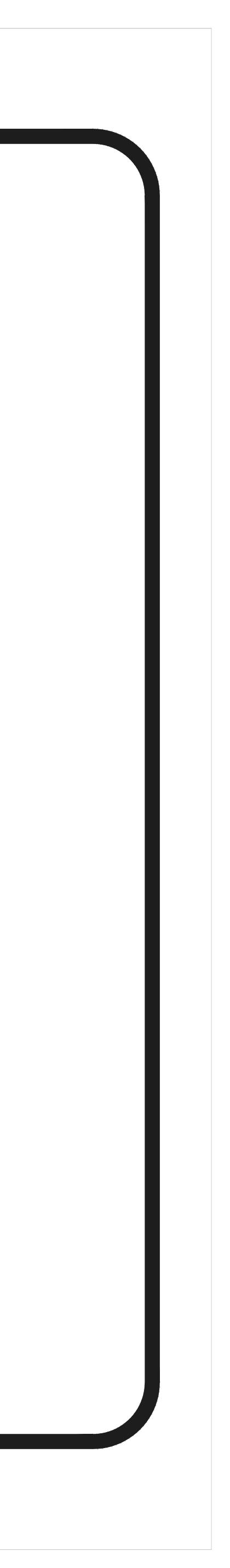
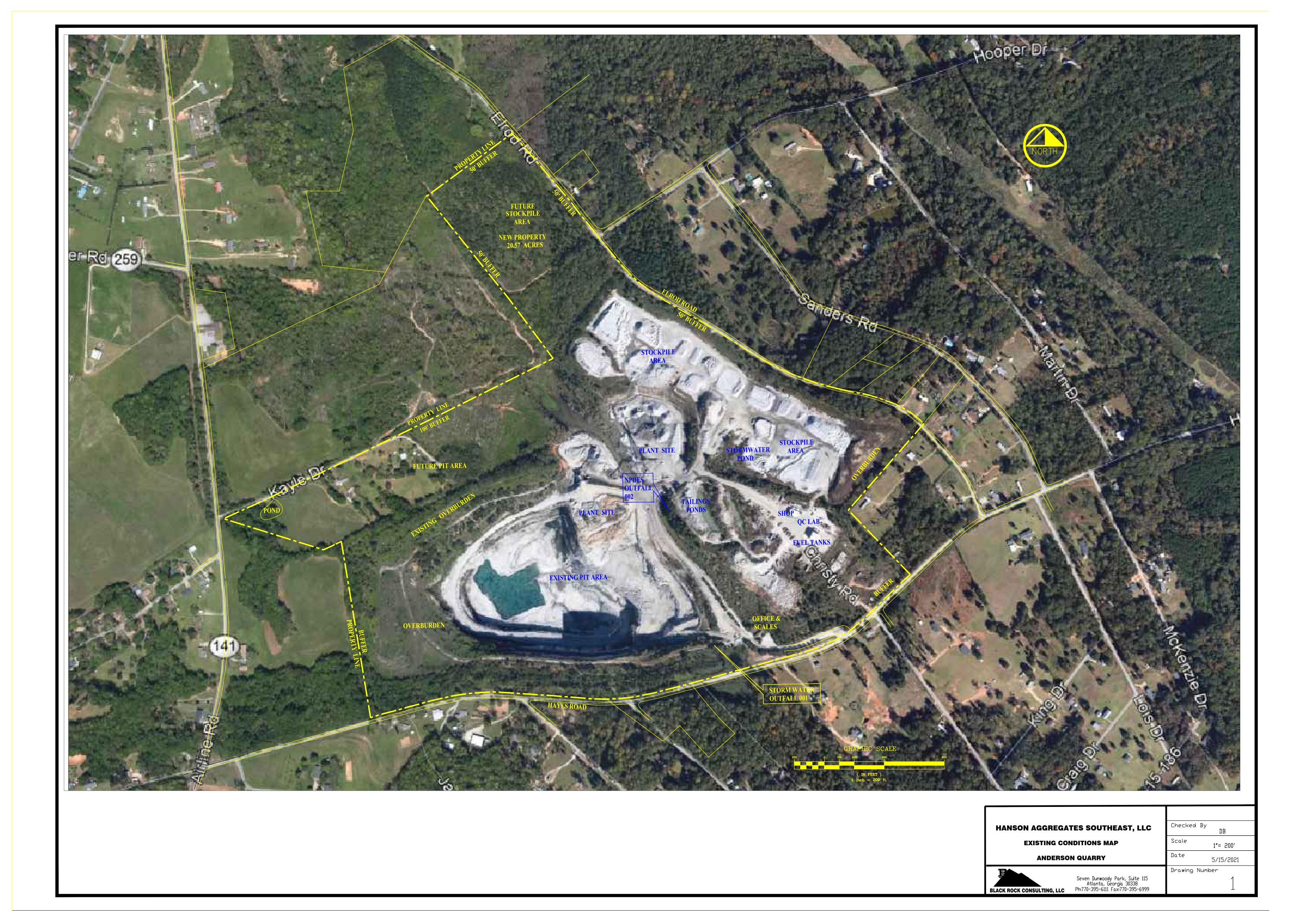


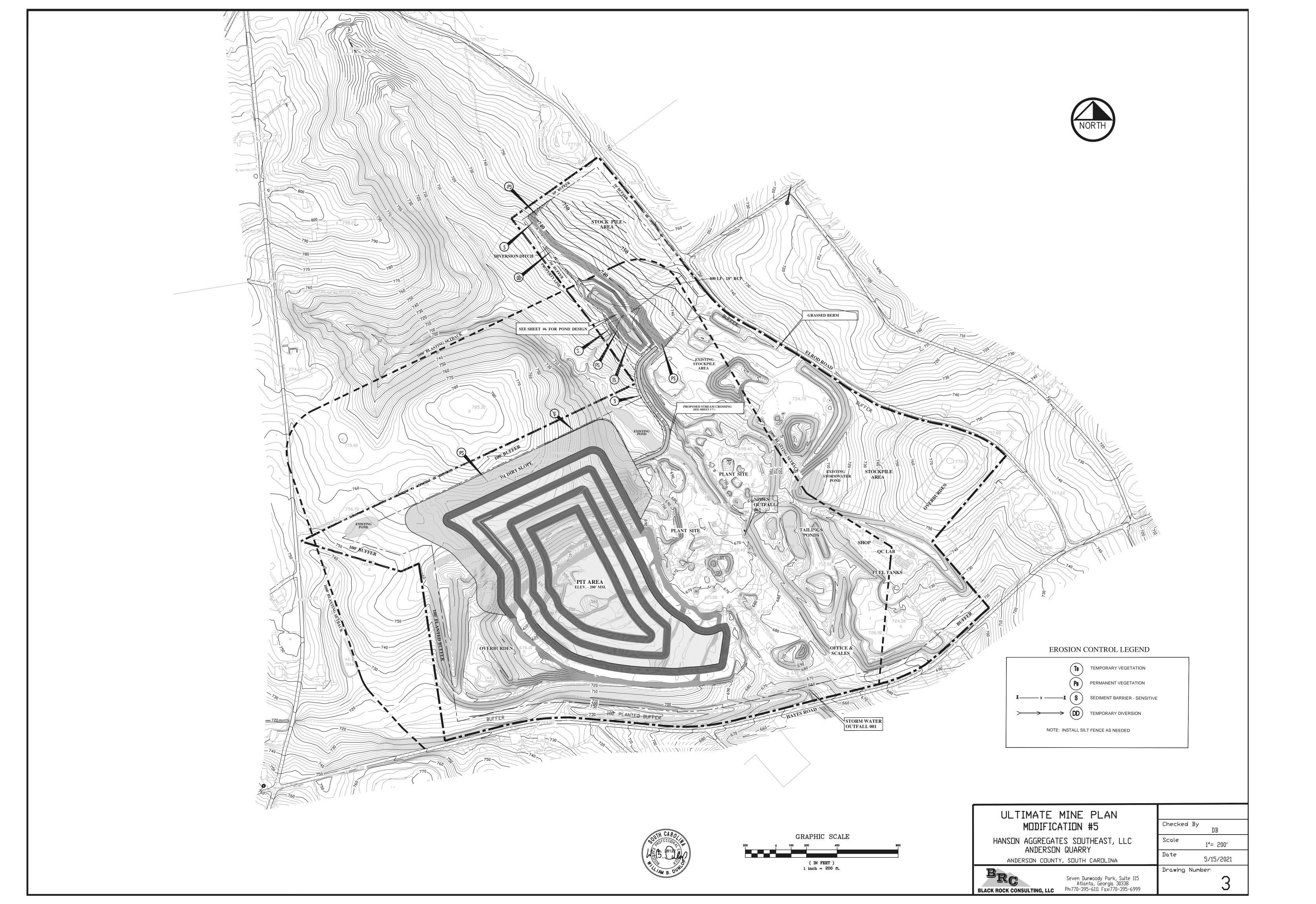
ANDERSON QUAREY

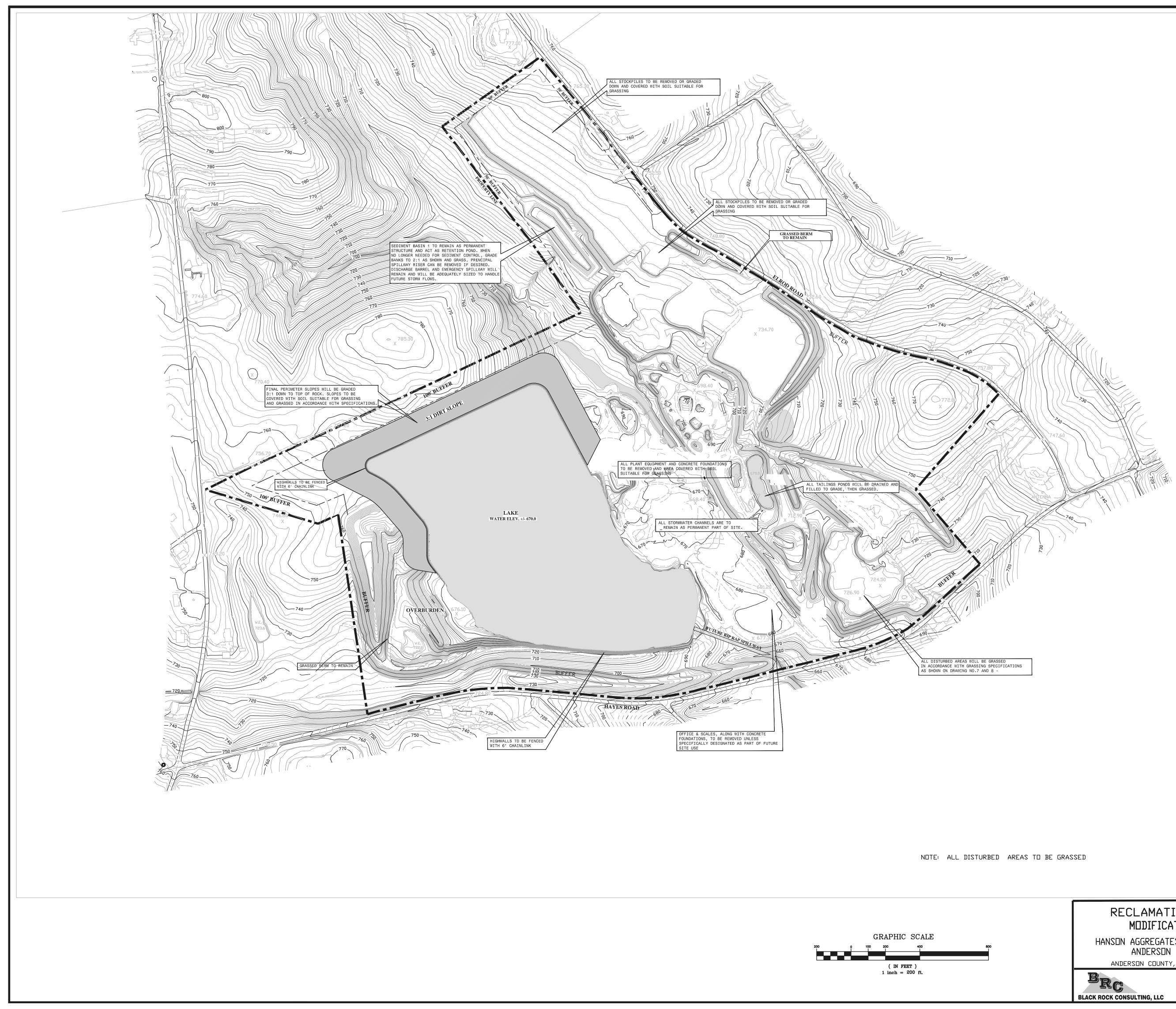
	SHEET	INDEX
SHEET No.	DESCRIPTION	
1	EXISTING CONDITIONS MAP	
2	MASTER PLAN	
3	ULTIMATE MINE PLAN	
4	RECLAMATION PLAN	
5	SEDIMENT BASIN DESIGN	
6	CONSTRUCTION DETAILS	
7	CONSTRUCTION DETAILS	

Last Modification: March 1, 2019







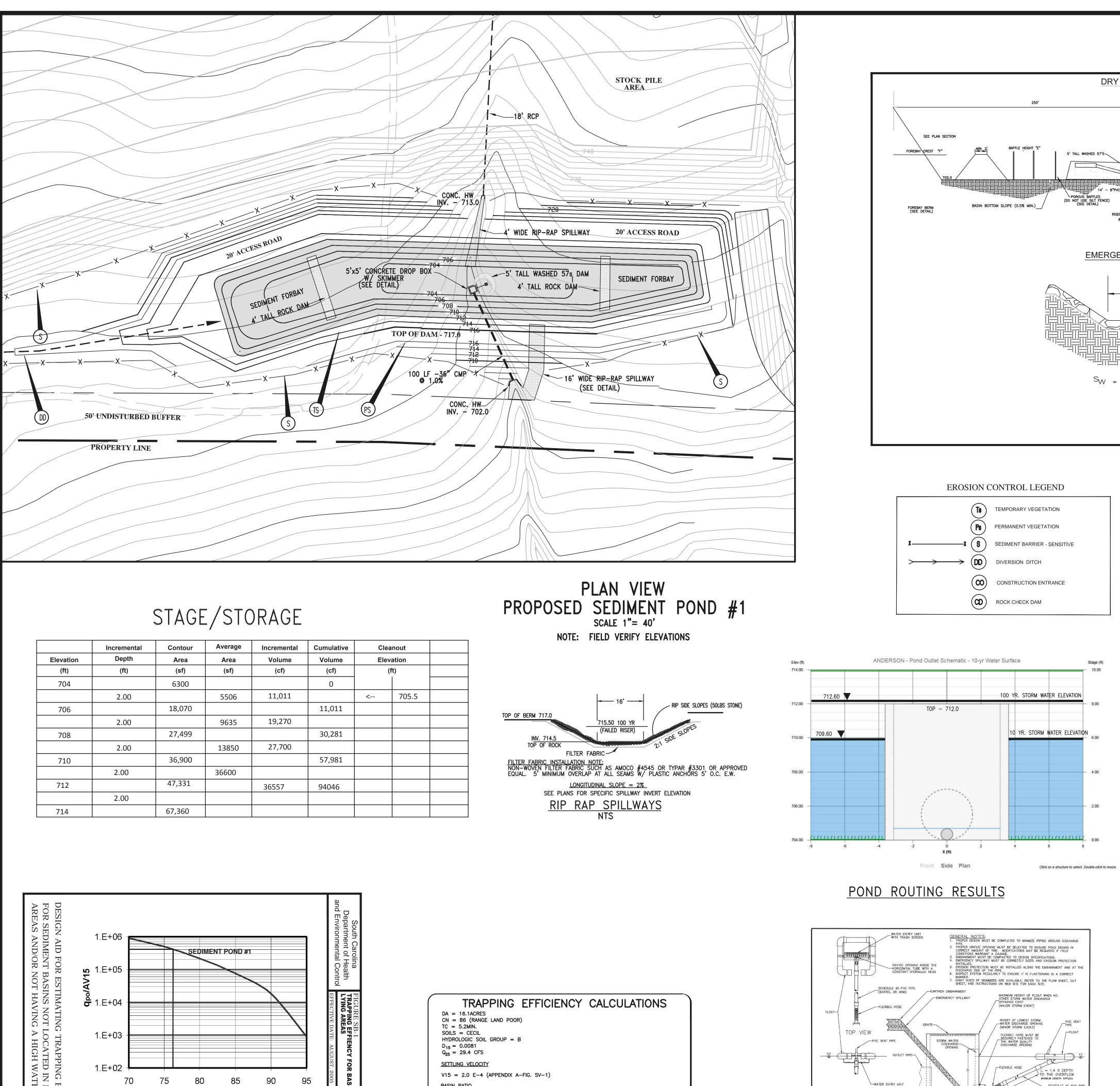




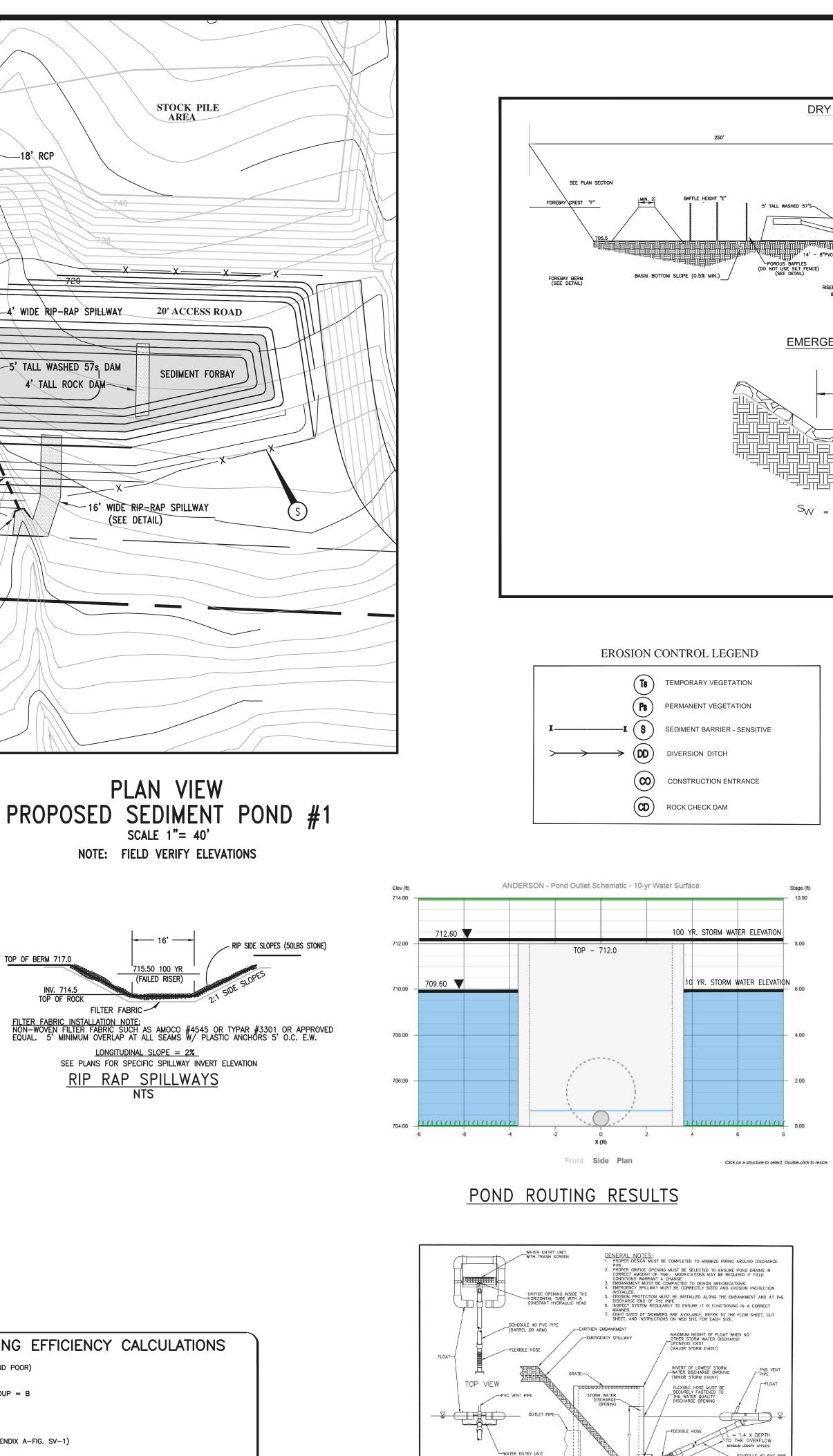


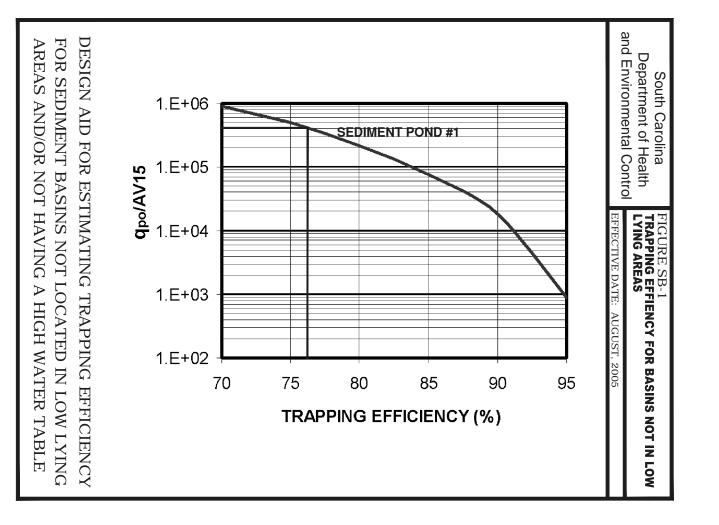
RECLAMATION PLAN MODIFICATION #5					
	Scale				
ANDERSON COUNTY, SOUTH CAROLINA					
	Seven Dunwoody Park, Suite 115 Atlanta, Georgia 30338 Ph:770-395-6111 Fax:770-395-6999	Drawing Nu			
	MODIFICA HANSON AGGREGATE ANDERSON ANDERSON COUNTY,	MODIFICATION #5 HANSON AGGREGATES SOUTHEAST, LLC ANDERSON QUARRY ANDERSON COUNTY, SOUTH CAROLINA			

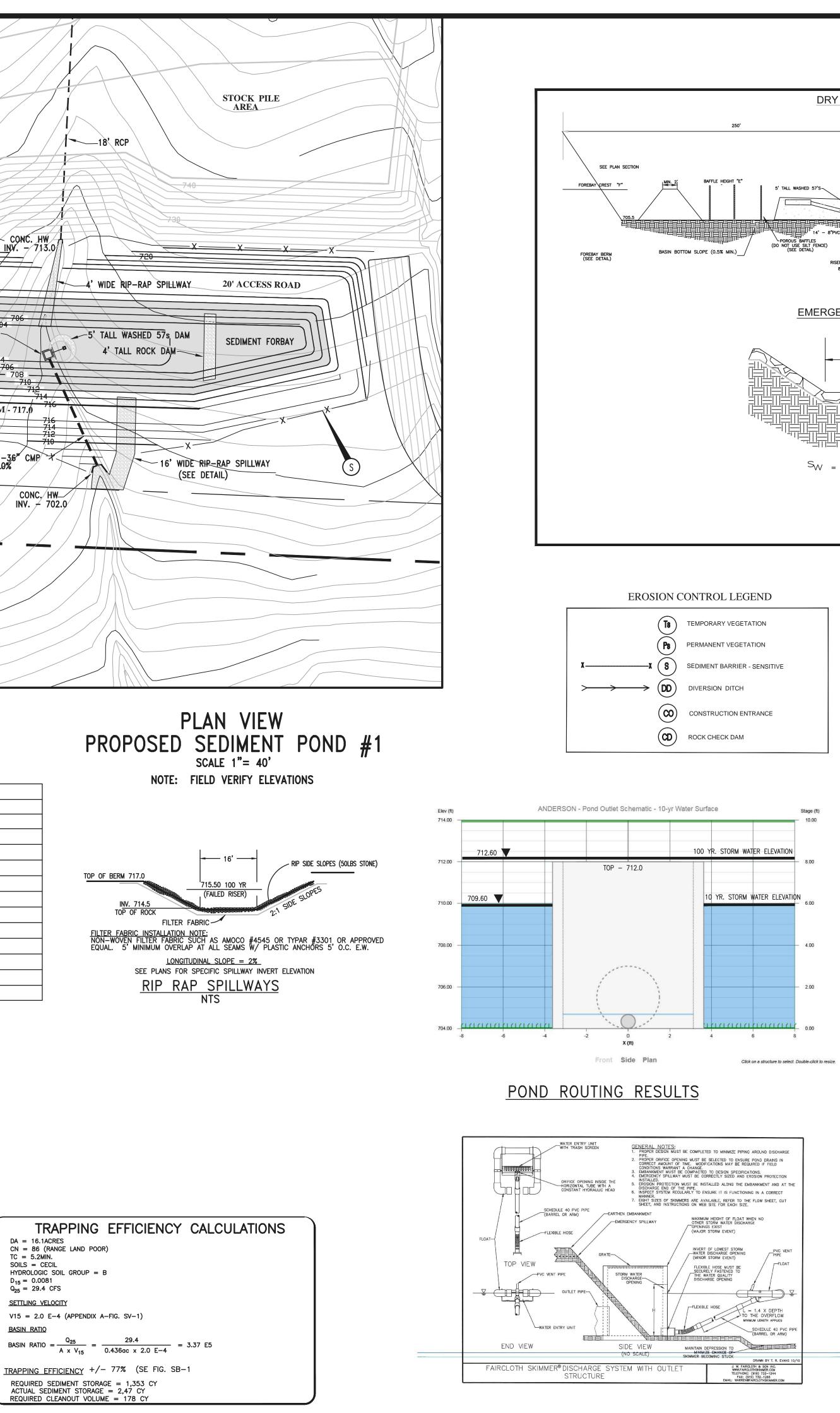
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Date	4/15/2021
Drawing Num	ber
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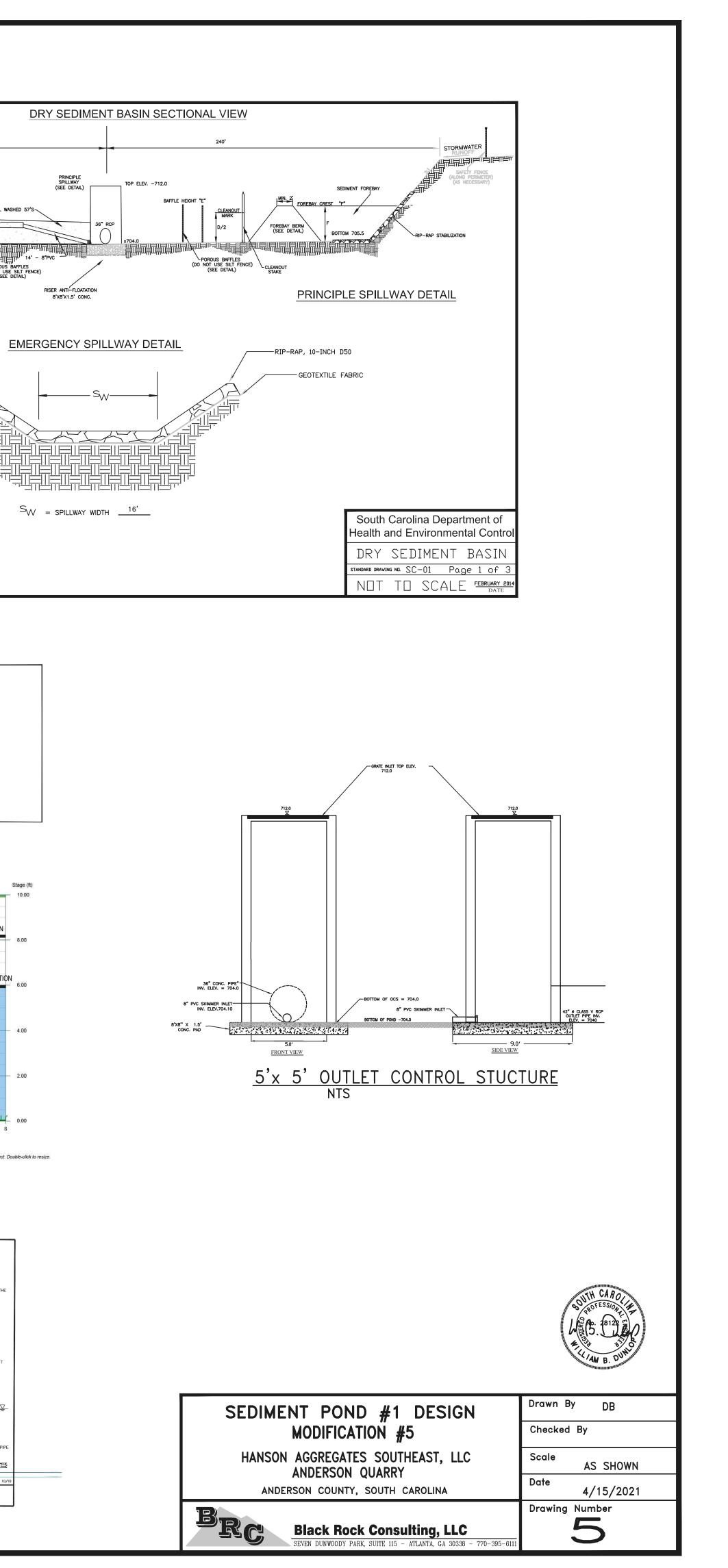


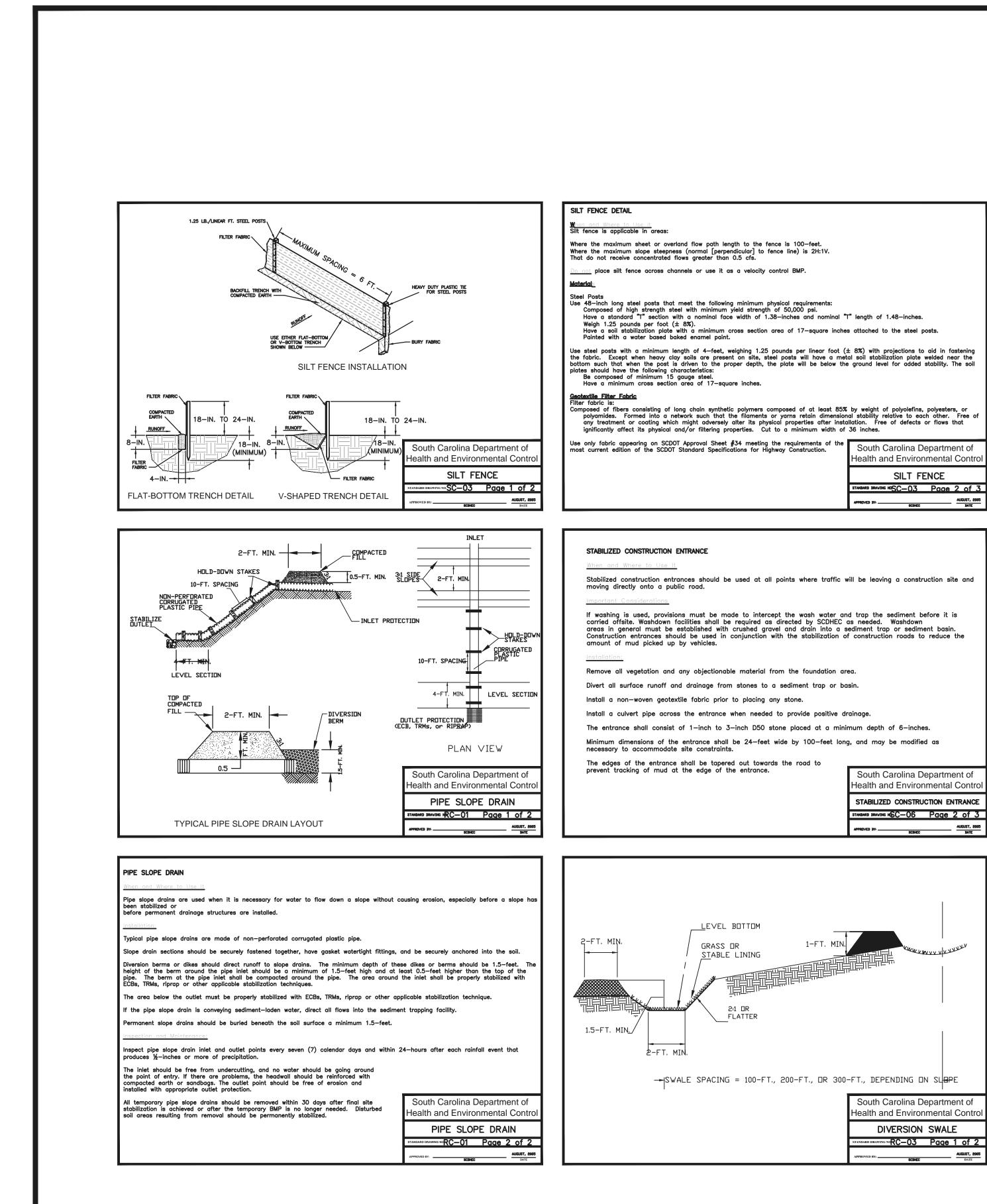
	Incremental	Contour	Average	Incremental	Cumulative	Cle	eanout	
Elevation	Depth	Area	Area	Volume	Volume	Elevation		
(ft)	(ft)	(sf)	(sf)	(cf)	(cf)		(ft)	
704		6300			0			
	2.00		5506	11,011		<	705.5	
706		18,070			11,011			
	2.00		9635	19,270				
708		27,499			30,281			
	2.00		13850	27,700				
710		36,900			57,981			
	2.00		36600					
712		47,331		36557	94046			
	2.00							
714		67,360						

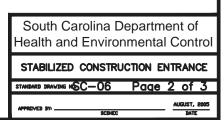












SILT FENCE DETAIL

Installation Excavate a trench approximately 6-inches wide and 6-inches deep when placing fabric by hand. Place 12-inches of geotextile fabric into the 6-inch deep trench, extending the remaining 6-inches towards the upslope side of the trench. Backfill the trench with soil or gravel and compact.Bury 12-inches of fabric into the ground when pneumatically installing silt fence with a slicing method. Purchase fabric in continuous rolls and cut to the length of the barrier to avoid joints. When joints are necessary, wrapped the fabric together at a support post with both ends fastened to the post, with a 6-inch minimum overlap. Install posts to a minimum depth of 24-inches. Install posts a minimum of 1- to 2- inches above the fabric, with no more than 3-feet of the post above the ground. Space posts to maximum 6-feet centers. Attach fabric to wood posts using staples media of heavy duty wide letter 116 is barrier accessed a maximum 6 feet centers. Staple a 2 inches wide letter aver the 3-feet of the post above the ground. Space posts to maximum 6-feet centers. Attach fabric to wood posts using staples made of heavy-duty wire at least $1\frac{1}{2}$ -inch long, spaced a maximum of 6-inches apart. Staple a 2-inch wide lathe over the filter fabric to securely fasten it to the upslope side of wooden posts. Attach fabric to the steel posts using heavy-duty plastic ties that are evenly spaced and placed in a manner to prevent sagging or tearing of the fabric. In call cases, ties should be affixed in no less than 4 places. Install the fabric a minimum of 24-inches above the ground. When necessary, the height of the fence above ground may be greater than 24-inches. In tidal areas, extra silt fence height may be required. The post height will be twice the exposed post height. Post spacing willremain the same and extra height fabric will be 4-, 5-, or 6-feet tall. Locate silt fence checks every 100 feet maximum and at low points. Install the fence perpendicular to the direction of flow and place the fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout. for maintenance and cleanout. Inspection and Maintenance

Inspection and Maintenance Inspect every seven calendar days and within 24-hours after each rainfall event that produces ½-inches or more of precipitation. Check for sediment buildup and fence integrity. Check where runoff has eroded a channel beneath the fence, or where the fence has sagged or collapsed by fence overtopping. If the fence fabric tears, begins to decompose, or in any way becomes ineffective, replace the section of fence immediately. Remove sediment accumulated along the fence when it reaches 1/3 the height of the fence, especially if heavy rains are expected.

Remove trapped sediment from the site or stabilize it on site. Remove silt fence within 30 days after final stabilization is achieved or after temporary best management practices (BMPs) are no longer needed. Permanently stabilize disturbed areas resulting from fence removal.

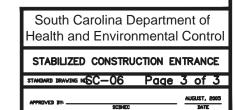
South Carolina Department of Health and Environmental Control
SILT FENCE
STANDARD DRAVING NOSC-03 Page 3 of 3
APPRIVED BY

STABILIZED CONSTRUCTION ENTRANCE

Inspect construction entrances every seven (7) calendar days and within 24-hours after each rainfall event that produces ½-inches or more of precipitation, or after heavy use. Check for mud and sediment buildup and pad integrity. Make daily inspections during periods of wet weather. Maintenance is required more frequently in wet weather conditions. Reshape the stone pad as needed for drainage and runoff control.

Wash or replace stones as needed and as directed by the inspector. The stone in the entrance should be washed or replaced whenever the entrance fails to reduce mud being carried off—site by vehicles. Frequent washing will extend the useful life of stone.

Immediately remove mud and sediment tracked or washed onto public roads by brushing or sweeping. Flushing should only be used when the water can be discharged to a sediment trap or basin. Repair any broken pavement immediately.



DIVERSION SWALE

The bottom width should be a minimum of 2-feet, and the bottom should be level.

The depth should be a minimum of 1.5-feet and the side slopes should be 2H:1V or flatter.

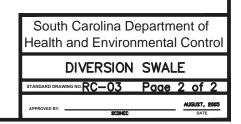
The maximum grade shall be 5%, with positive drainage to a suitable outlet.

Slopes shall be stabilized immediately using vegetation, sod, and erosion control blankets or turf reinforcement mats to prevent erosion. The upslope side of the swale should provide positive drainage so no erosion occurs at the outlet. Provide energy dissipation measures as necessary.

Sediment-laden runoff shall be directed to a sediment trapping facility.

Swales should be inspected, every seven (7) calendar days and within 24-hours after each rainfall event that produces ½-inches or more of precipitation and repairs made as necessary.

Damage caused by construction traffic or other activity must be repaired before the end of each working day.

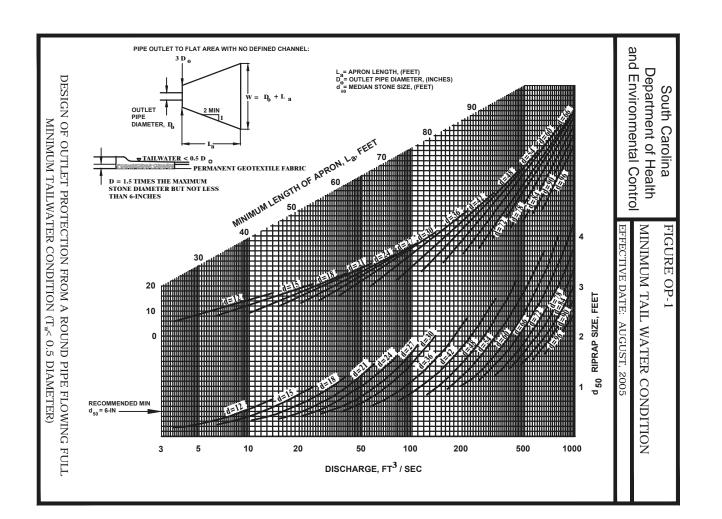


Temporary	Seeding	-	Upstate	
remperary	occanig		opotato	

Species	lbs./ac	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Browntop Millet (Alone)	40												
Browntop Millet (Mix)	10												
Rye Grain (Alone)	56												
Rye Grain (Mix)	10												
Rye Grass (Alone)	50												
Rye Grass (Mix)	8												
			For	Stee	o Slo	pes/C	ut Slo	opes					
Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												Y.

Permanent Seeding - Upstate

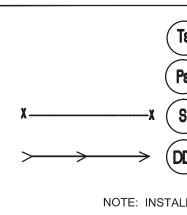
Species	Lbs/Ac	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bahia Grass (Alone)	40												
Bahia Grass (Mix)	30												
Bermuda Grass (hulled) (Alone)	8-12												
Bermuda Grass (hulled) (Mix)	4-6												
Fescue, Tall (KY31) Alone	40												
Fescue, Tall (KY31) mix	20												
Sericea Lespedeza (Scarified) Alone or Mix (inoculate with EL Innoculant	40												
Ladino Clover (mix only) Innoculate with AB Innoculant	2												
		F	or St	eep S	lope	s/Cut	Slope	es					
Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												
Crownvetch (Mix) (Inoculate with Type M Innoculant	8-10												



CONSTRUCTION DETAILS	Drawn By BDJ		
	Checked By DB		
HANSON AGGREGATES SOUTHEAST, LLC ANDERSON QUARRY	Scale AS SHOWN		
ANDERSON COUNTY, SOUTH CAROLINA	Date 5/15/2021		
B	Drawing Number		
Black Rock Consulting, LLC SEVEN DUNWOODY PARK, SUITE 115 - ATLANTA, GA 30338 - 770-395-6111	6		



EROSION CONTROL LEGEND

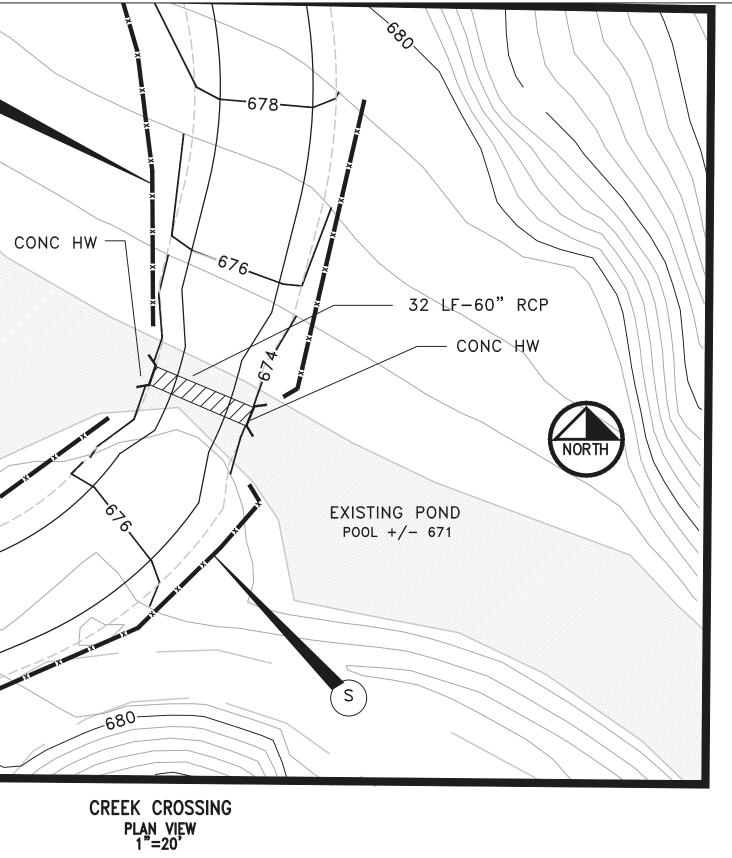


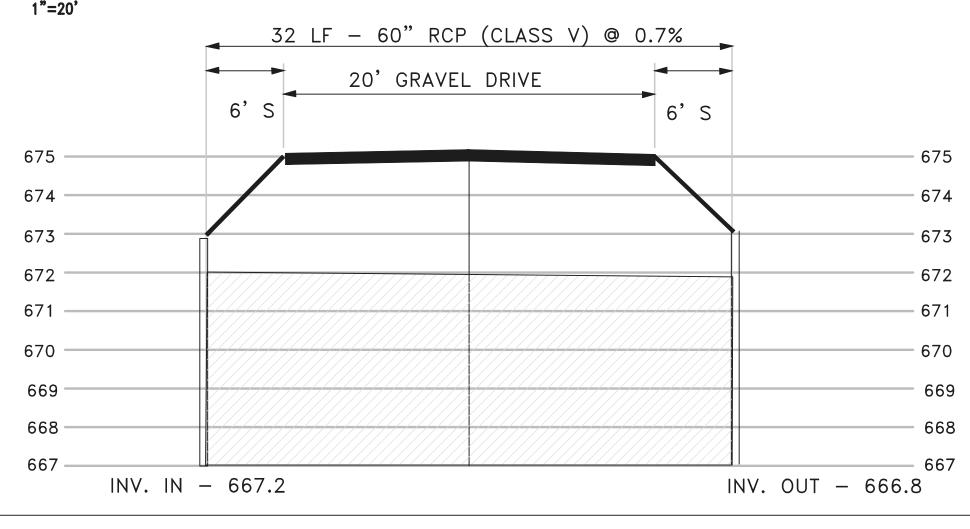
T8TEMPORARY VEGETATIONP8PERMANENT VEGETATION

-----X S SEDIMENT BARRIER - SENSITIVE

 \rightarrow (DD) TEMPORARY DIVERSION

NOTE: INSTALL SILT FENCE AS NEEDED





PIPE PROFILE HORZ. 1"=10'

CONSTRUCTION DETAILS MODIFICATION #5	Drawn By DB Checked By
HANSON AGGREGATES SOUTHEAST, LLC ANDERSON QUARRY	Scale AS SHOWN
ANDERSON COUNTY, SOUTH CAROLINA	^{Date} 5/15/2021
Black Rock Consulting, LLC SEVEN DUNWOODY PARK, SUITE 115 – ATLANTA, GA 30338 – 770–395–6111	Drawing Number