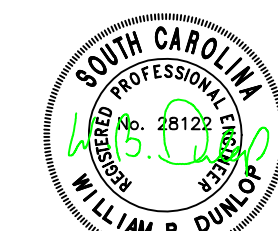
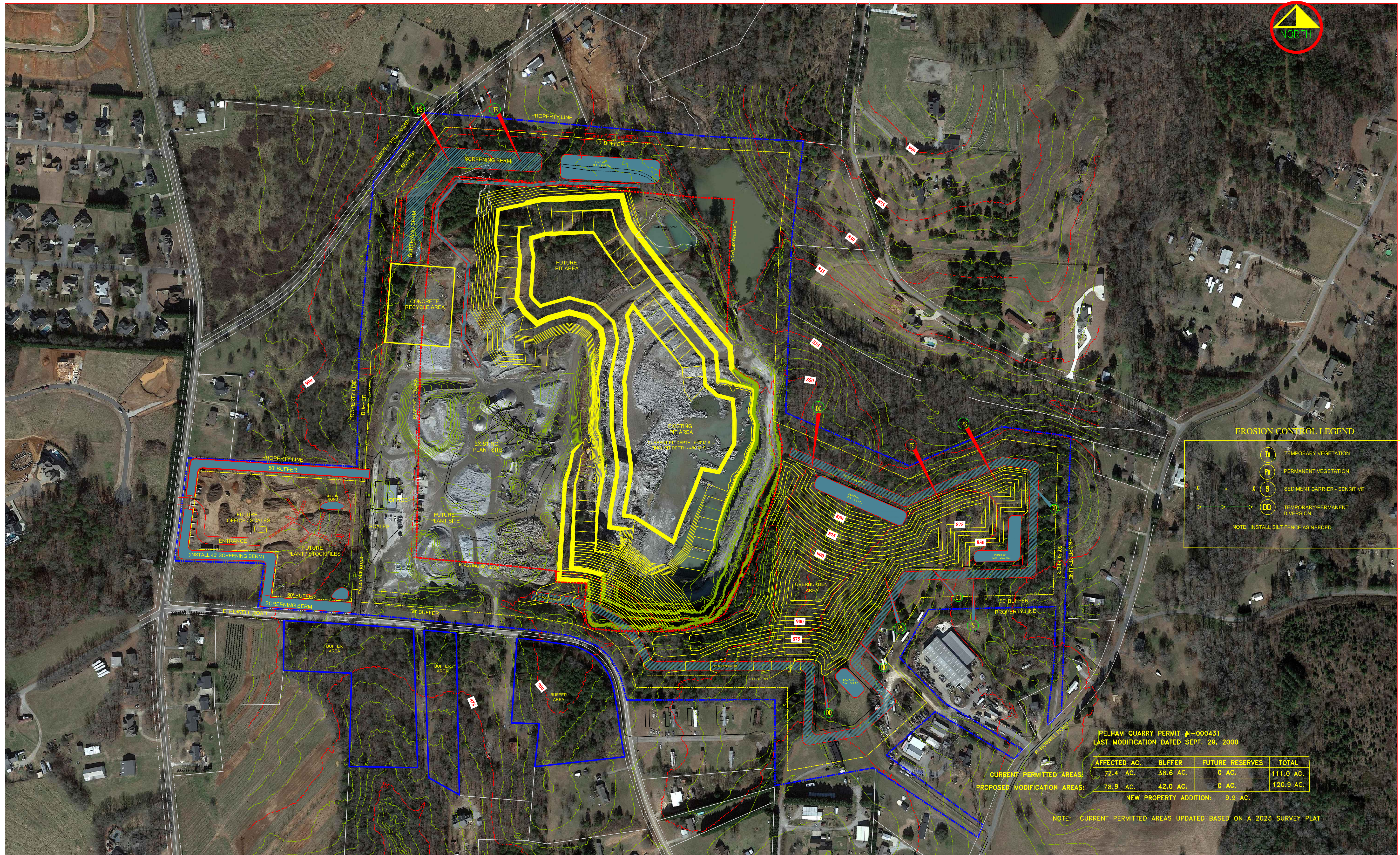


DWG ID	TMS #	OWNER	OWNER ADDRESS			Property Address, if Different		
			Street	City, State	Zip	Street	City, State	Zip
1	5-34-00-016.00	HANSON AGGREGATES SOUTHEAST LLC	3237 SATELLITE BLVD BLDG 300 STE 210	Duluth, GA	30096	933 BROCKMAN MCCLUMON RD	GREER, SC	29650
2	5-34-00-005.08	RODRIGUES JOSE A	383 PECKHILL HOLLOW RD	PUTNAM VALLEY, NY	10579	BROCKMAN MCCLUMON RD	GREER, SC	29650
3	5-34-00-013.05	PIERY ROGER D	429 LIBERTY HILL RD	GREER, SC	29651			
4	5-34-00-013.04	DUNN DEBRA LEIGH	130 LAKE BOWEN DR	INMAN, SC	29349	427 LIBERTY HILL RD	GREER, SC	29651
5	5-34-00-013.03	EARWOOD M ROBERT	421 LIBERTY HILL RD	GREER, SC	29651			
6	5-34-00-013.01	RESTREPO HELEN	415 LIBERTY HILL RD	GREER, SC	29651			
7	5-34-00-12.04	FREED JOHN E III	381 LIBERTY HILL RD	GREER, SC	29651			
8	5-34-00-012.00	POWELL VLA P	700 WADDELL RD	GREER, SC	29651			
9	5-34-00-010.06	TAYLOR RODNEY L	312 WADDELL RD	GREER, SC	29651			
10	5-34-00-010.04	BROWN WYONNE	305 W POINSETT ST	GREER, SC	29650	PEARSON RD	GREER, SC	29651
11	5-35-00-005.00	WRIGHT KENDALL H	390 PEARSON RD	GREER, SC	29651			
12	5-35-00-025.03	LISTER TED BRYAN & LISTER ERIKA CARMEN	408 PEARSON RD	GREER, SC	29651			
13	5-35-00-025.01	RUNION CONNIE L	420 PEARSON RD	GREER, SC	29651			
14	5-34-00-020.10	BOOKER WILLIE E & ETAL	460 PEARSON RD	GREER, SC	29651			
15	5-34-00-020.04	HOWARD PROPERTIES LLC	464 PEARSON RD	GREER, SC	29651			
16	5-34-00-020.05	ARIS ALICE PHYLLIS (LE)	472 PEARSON RD	GREER, SC	29651			
17	5-34-00-020.07	HOWARD MICHAEL E	488 PEARSON RD	GREER, SC	29651			
18	5-34-00-020.00	SWINK JANIE M	154 E HOWELL RD	GREER, SC	29651			
19	5-34-00-020.11	HANSON AGGREGATES SOUTHEAST LLC	3237 SATELLITE BLVD BLDG 300 STE 210	Duluth, GA	30096	160 E HOWELL RD	GREER, SC	29651
20	5-34-00-019.06	ODOM MICHELLE LEIGH	182 EAST HOWELL RD	GREER, SC	29651			
21	5-34-00-019.07	HAND PAMELA	188 E HOWELL RD	GREER, SC	29651			
22	5-34-00-019.02	VAZQUEZ FRANCIS S & VAZQUEZ PEDRO JR	140 S MERIDIAN AVE	RIALTO, CA	92376	101 VINE CT	GREER, SC	29651
23	5-34-00-024.10	GRAY ANTHONY WAYNE & GRAY TERRY LYNN	191 E HOWELL RD	GREER, SC	29651			
24	5-34-00-023.03	GRAY TERRY G & ETAL	191 E HOWELL RD	GREER, SC	29651			
25	5-34-00-024.00	BOLDEN SHARON M & BOLDEN JOHN T	231 E HOWELL RD	GREER, SC	29651			
26	5-34-00-022.05	SMITH MICHAEL ANTHONY	1001 BROCKMAN MCCLUMON RD	GREER, SC	29651			
27	9-07-00-052.71	SCHIEL LEE E JR	345 BRENNHAM PASS	GEORGETOWN, TX	78633	BROCKMAN MCCLUMON RD	GREER, SC	29650
28	9-07-00-052.02	HAND BETH	333 E HOWELL RD	GREER, SC	29651	940 BROCKMAN MCCLUMON RD	GREER, SC	29650
29	9-07-00-052.38	VARUGHESE ABRAHAM	114 OAK CREEK LN	GREENVILLE, SC	29615	599 ADALUZ WAY	GREER, SC	20651
30	9-07-00-052.39	METOYER BRYAN J & METOYER MACY L	595 ADALUZ WAY	GREER, SC	20651			
31	9-07-00-052.40	LE JARDIN LLC	PO BOX 26867	GREENVILLE, SC	29616	591 ADALUZ WAY	GREER, SC	20651
32	9-07-00-052.41	LE JARDIN LLC	PO BOX 26867	GREENVILLE, SC	29616	589 ADALUZ WAY	GREER, SC	20651
33	5-34-00-015.02	CANO JOSE A CARMONA & GUEVARA SANDRA P ORTIZ	907 BROCKMAN MCCLUMON RD	GREER, SC	29650	911 BROCKMAN MCCLUMON RD	GREER, SC	29650



EXISTING CONDITIONS MAP		Drawn By	DB
Heidelberg Materials Southeast Agg LLC		Checked By	
PELHAM QUARRY		Scale	1" = 150'
SPARTANBURG COUNTY, SOUTH CAROLINA		Date	10/20/2023
		Drawing Number	1



EROSION CONTROL LEGEND

- Ts TEMPORARY VEGETATION
- Ps PERMANENT VEGETATION
- S SEDIMENT BARRIER - SENSITIVE
- DD TEMPORARY/PERMANENT DIVERSION

NOTE: INSTALL SILT FENCE AS NEEDED.

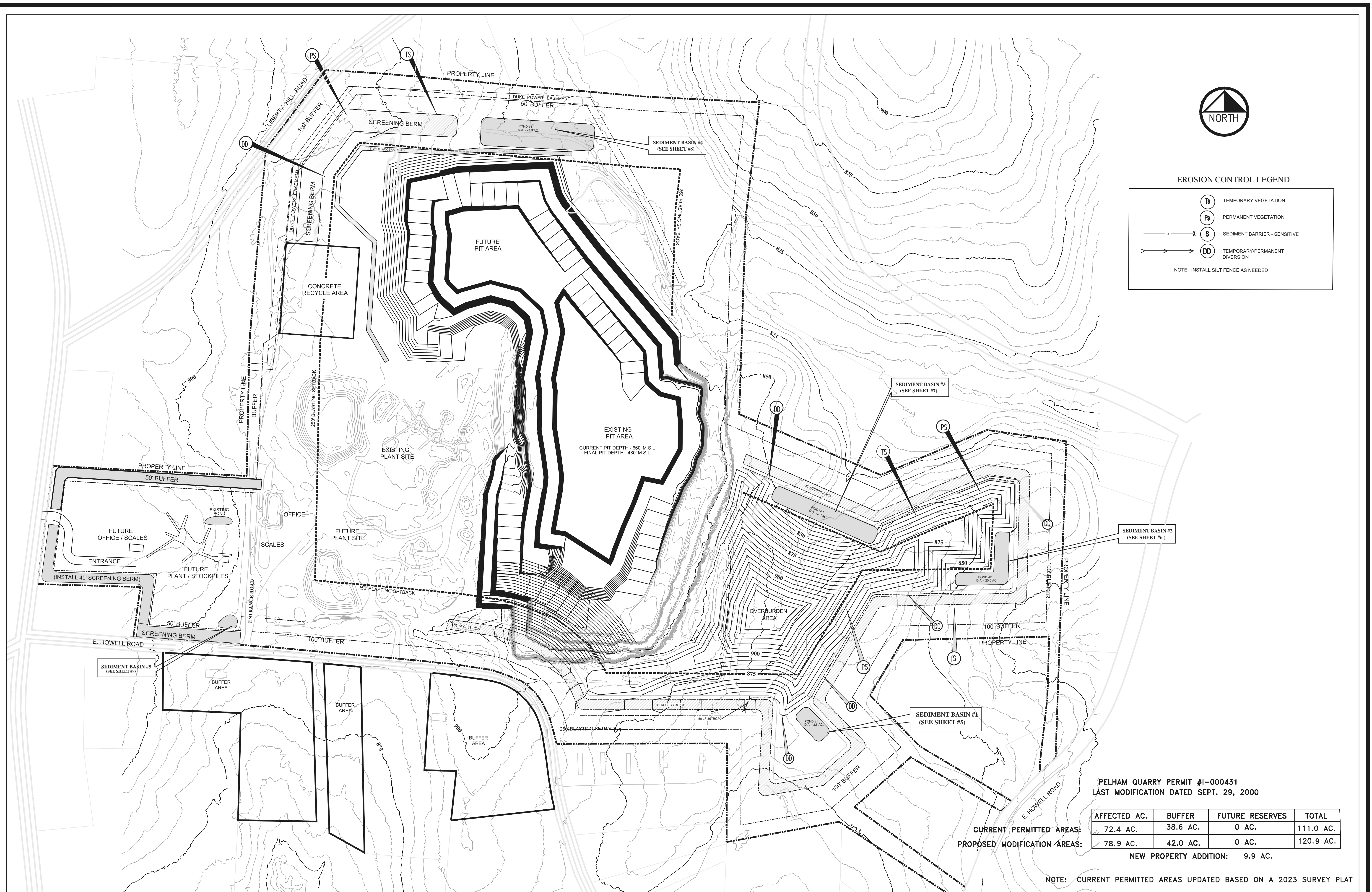
PELHAM QUARRY PERMIT #1-000431
LAST MODIFICATION DATED SEPT. 29, 2000

AFFECTED AC.	BUFFER	FUTURE RESERVES	TOTAL
CURRENT PERMITTED AREAS: 72.4 AC.	38.6 AC.	0 AC.	111.0 AC.
PROPOSED MODIFICATION AREAS: 78.9 AC.	42.0 AC.	0 AC.	120.9 AC.
NEW PROPERTY ADDITION: 9.9 AC.			

NOTE: CURRENT PERMITTED AREAS UPDATED BASED ON A 2023 SURVEY PLAT



MINE PLAN Heidelberg Materials Southeast Agg LLC PELHAM QUARRY SPARTANBURG COUNTY, SOUTH CAROLINA	Drawn By	DB
	Checked By	
	Scale	1" = 100'
	Date	10/20/2023
	Drawing Number	2



EROSION CONTROL LEGEND

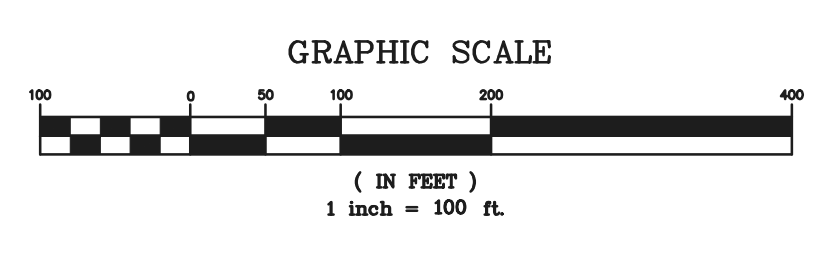
- TEMPORARY VEGETATION
- PERMANENT VEGETATION
- SEDIMENT BARRIER - SENSITIVE
- TEMPORARY/PERMANENT DIVERSION

NOTE: INSTALL SILT FENCE AS NEEDED

PELHAM QUARRY PERMIT #1-000431
 LAST MODIFICATION DATED SEPT. 29, 2000

AFFECTED AC.	BUFFER	FUTURE RESERVES	TOTAL
CURRENT PERMITTED AREAS: 72.4 AC.	38.6 AC.	0 AC.	111.0 AC.
PROPOSED MODIFICATION AREAS: 78.9 AC.	42.0 AC.	0 AC.	120.9 AC.
NEW PROPERTY ADDITION:			9.9 AC.

NOTE: CURRENT PERMITTED AREAS UPDATED BASED ON A 2023 SURVEY PLAT



MINE PLAN
 Heidelberg Materials Southeast Agg LLC
 PELHAM QUARRY
 SPARTANBURG COUNTY, SOUTH CAROLINA

Drawn By	DB
Checked By	
Scale	1" = 100'
Date	04/12/2024
Drawing Number	3



ALL DISTURBED AREAS WILL BE VEGETATED
NATIVE GRASSES AND TREES

HIGHWALLS TO BE FENCED
WITH 6' CHAINLINK

ALL DISTURBED AREAS WILL BE VEGETATED
NATIVE GRASSES OR TREES
FINAL DIRT SLOPE TO BE 3:1
DIVERT ALL STORMWATER TO PIT

ALL SEDIMENT PONDS TO REMAIN AS PERMANENT
STRUCTURES AND ACT AS RETENTION POND. WHEN
NO LONGER NEEDED FOR SEDIMENT CONTROL, GRADE
BANKS TO 3:1 AS SHOWN AND GRASS. PRINCIPAL
SPILLWAY RISER CAN BE REMOVED IF DESIRED.
DISCHARGE BARREL AND EMERGENCY SPILLWAY WILL
REMAIN AND WILL BE ADEQUATELY SIZED TO HANDLE
FUTURE STORM FLOWS.

OFFICE & SCALES, ALONG WITH CONCRETE
FOUNDATIONS, TO BE REMOVED UNLESS
SPECIFICALLY DESIGNATED AS PART OF FUTURE
SITE USE

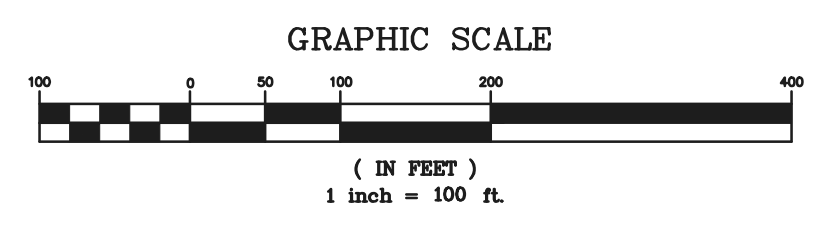
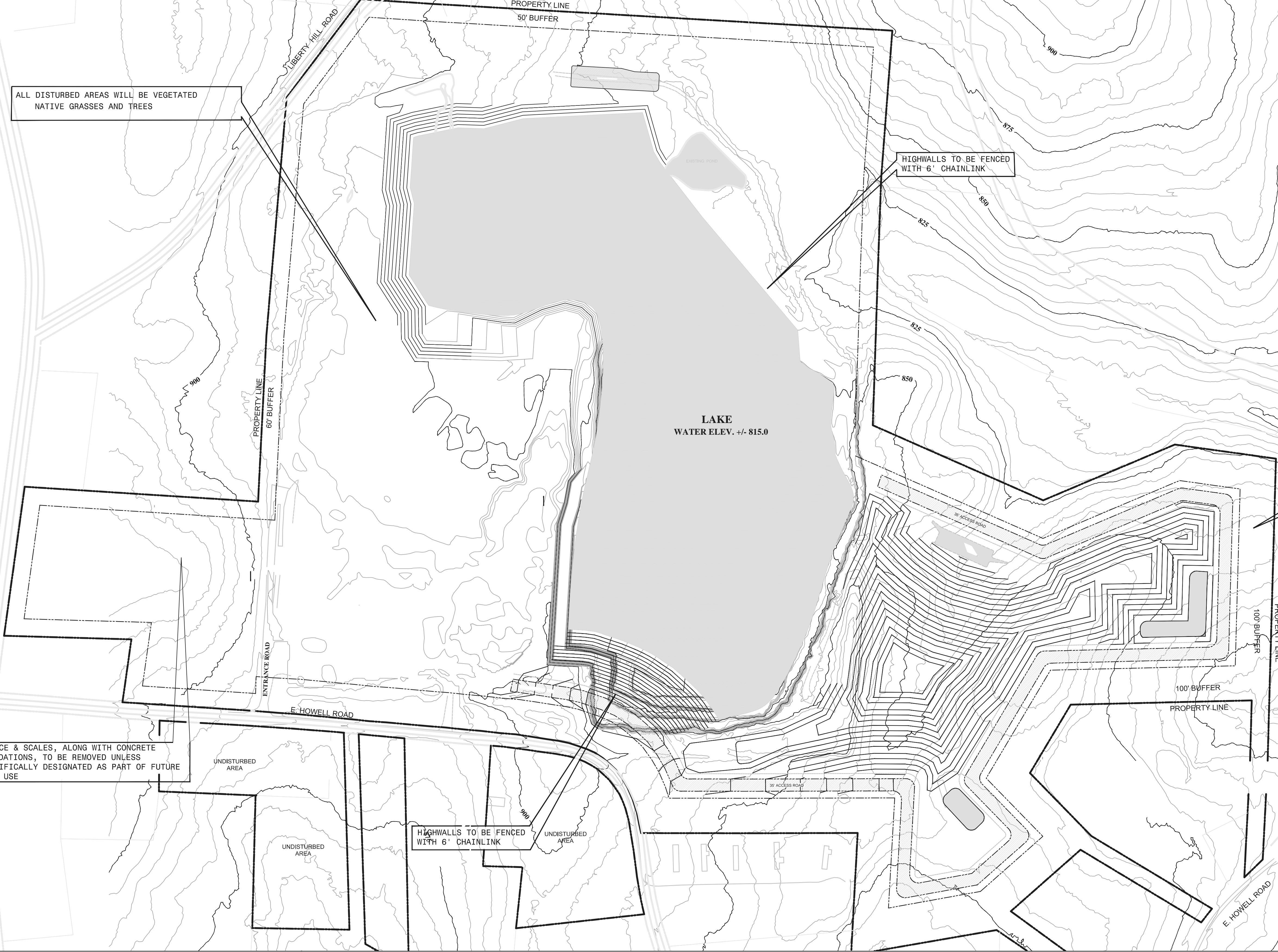
UNDISTURBED
AREA

UNDISTURBED
AREA

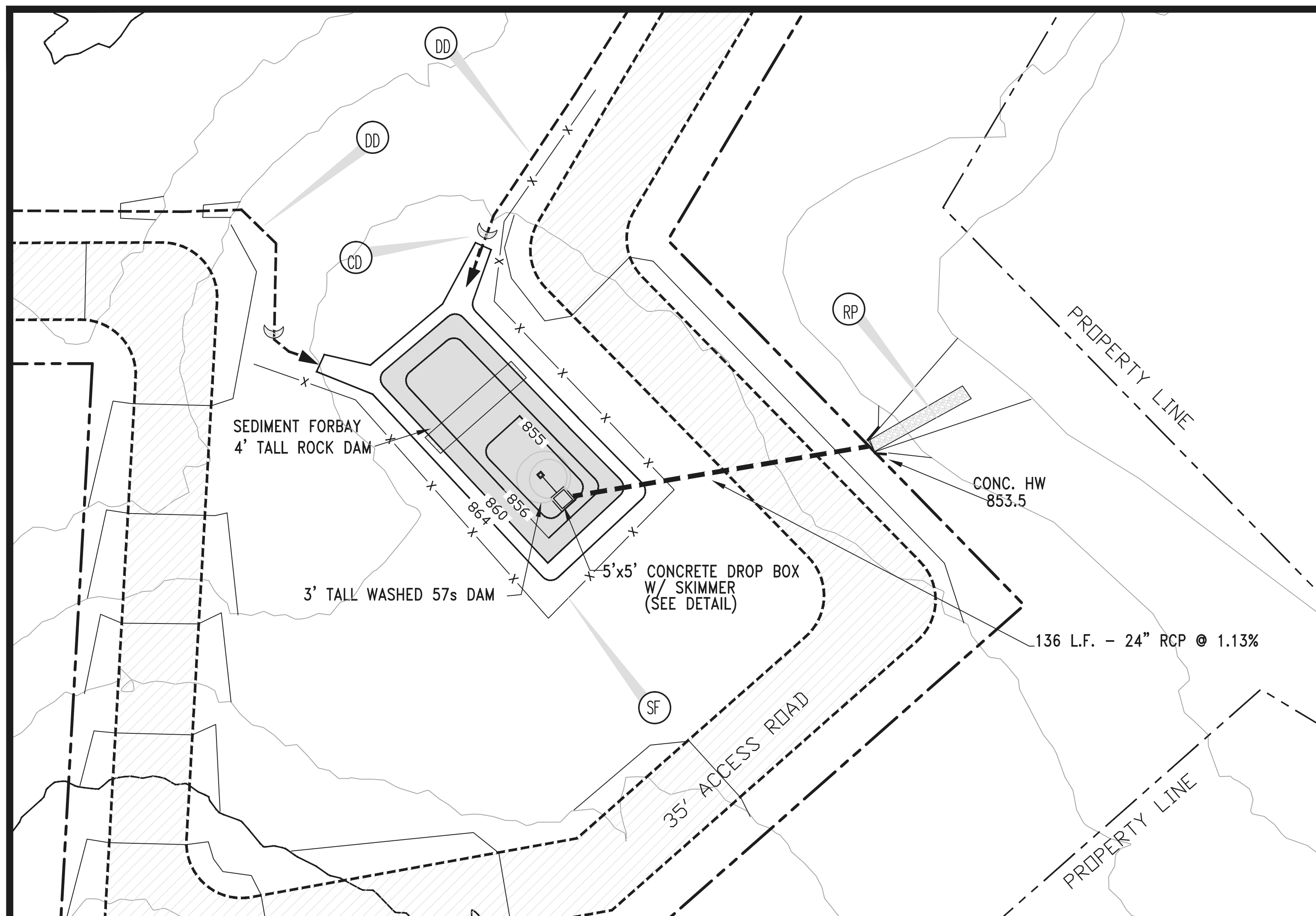
HIGHWALLS TO BE FENCED
WITH 6' CHAINLINK

UNDISTURBED
AREA

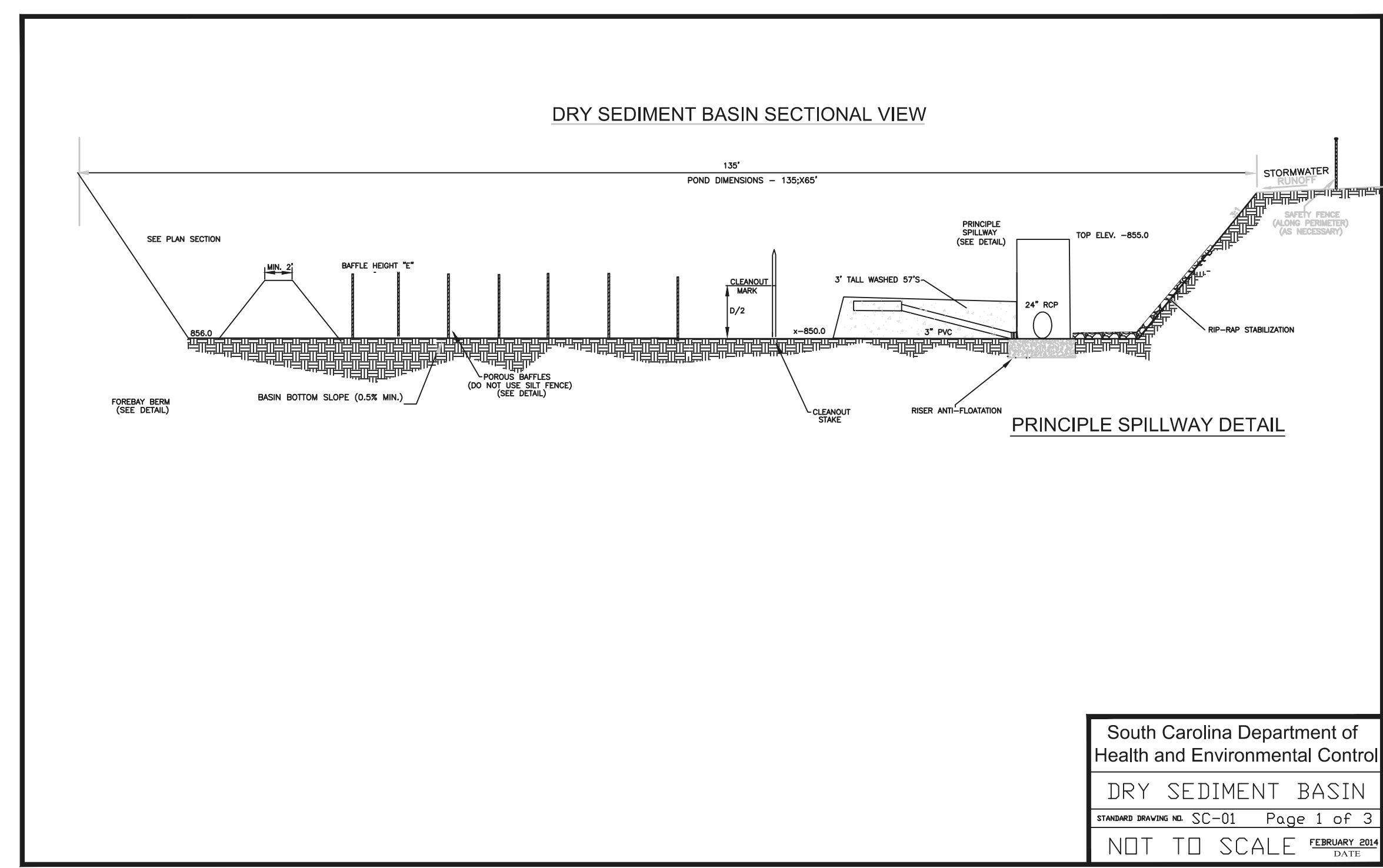
LAKE
WATER ELEV. +/- 815.0



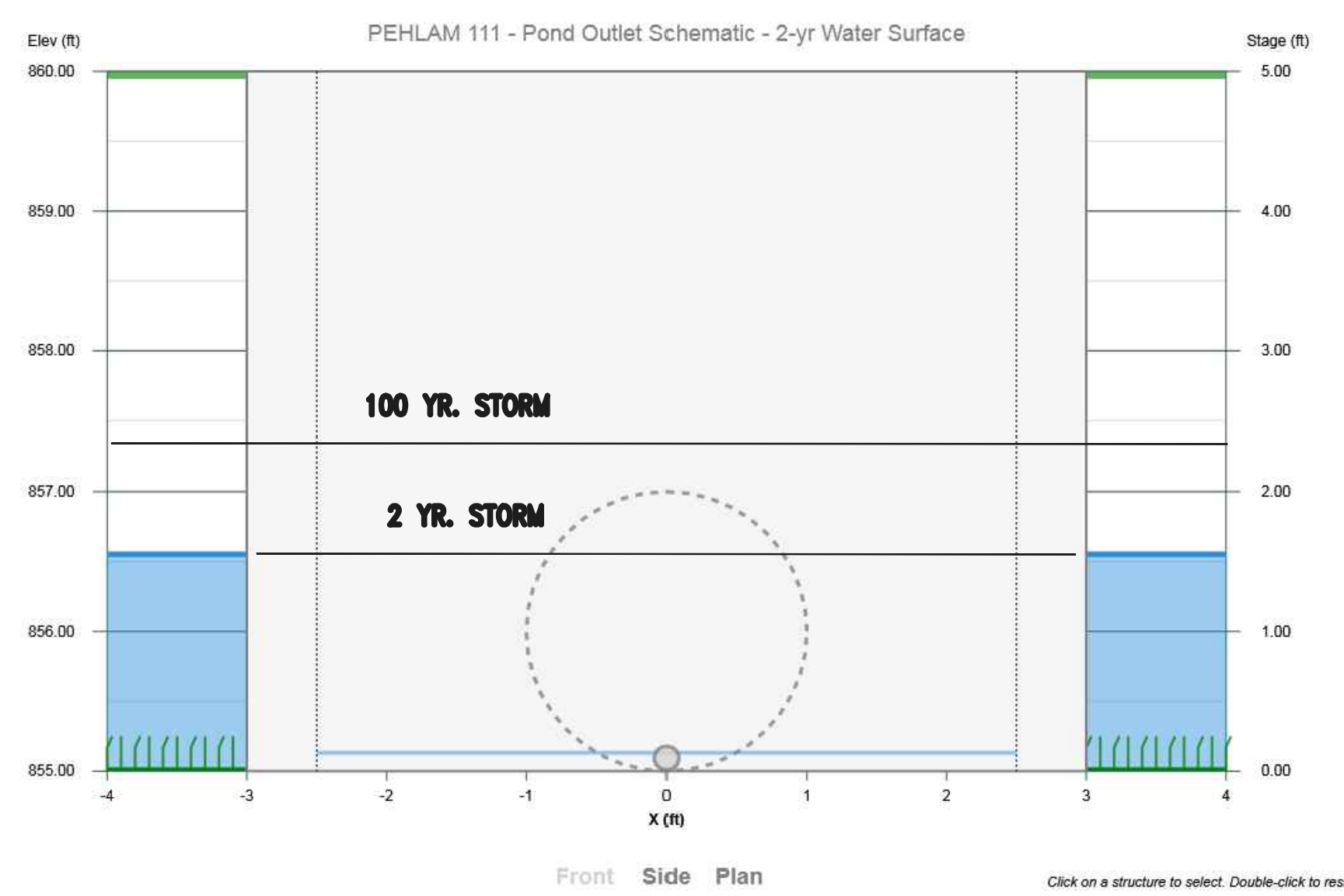
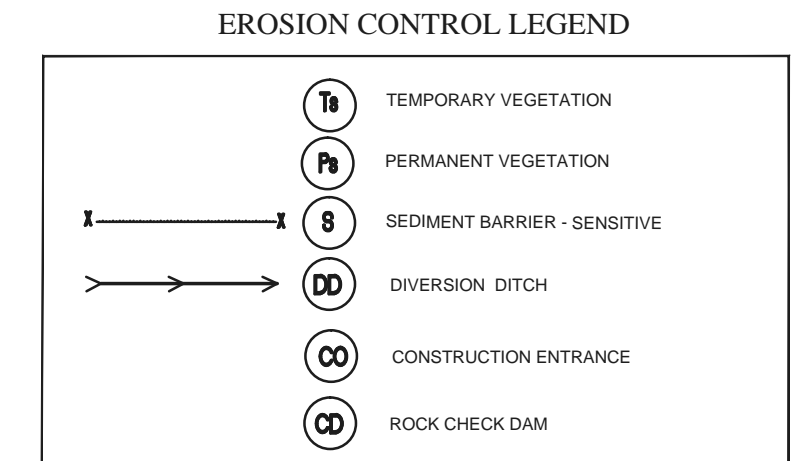
RECLAMATION PLAN Heidelberg Materials Southeast Agg LLC PEHLAM QUARRY SPARTANBURG COUNTY, SOUTH CAROLINA	Drawn By	DB
	Checked By	
	Scale	1" = 100'
	Date	2/10/2024
	Drawing Number	4



PLAN VIEW
PROPOSED SEDIMENT POND #1
SCALE 1" = 30'
NOTE: FIELD VERIFY ELEVATIONS



South Carolina Department of Health and Environmental Control
DRY SEDIMENT BASIN
 STANDARD DRAWING NO. SC-01 Page 1 of 3
 NOT TO SCALE FEBRUARY 2024

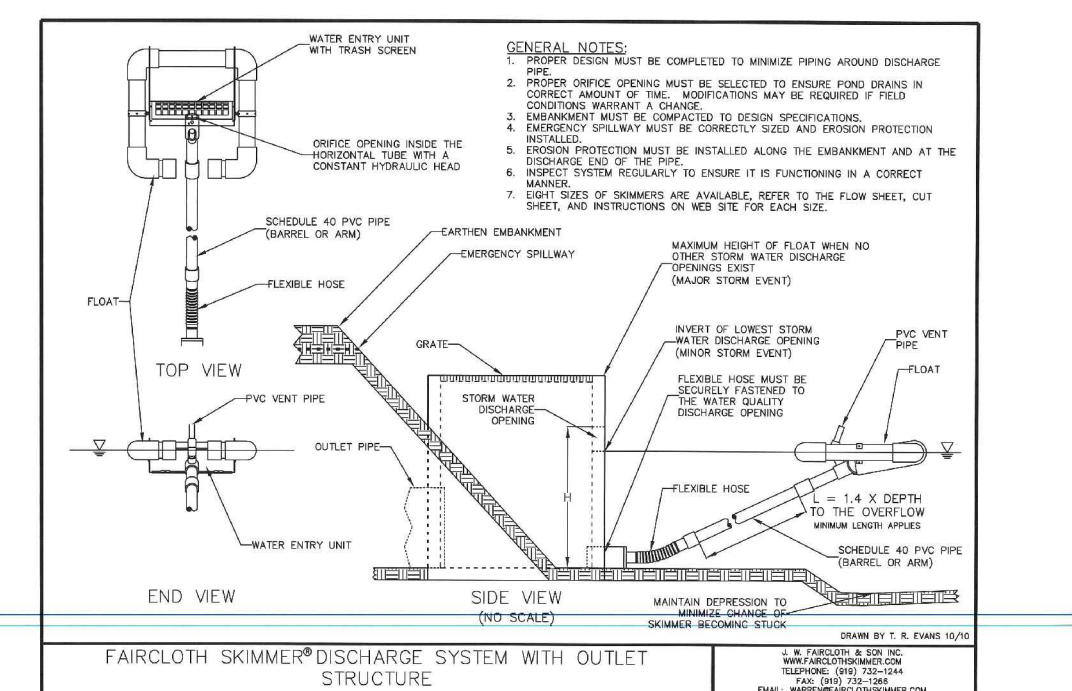


POND ROUTING RESULTS

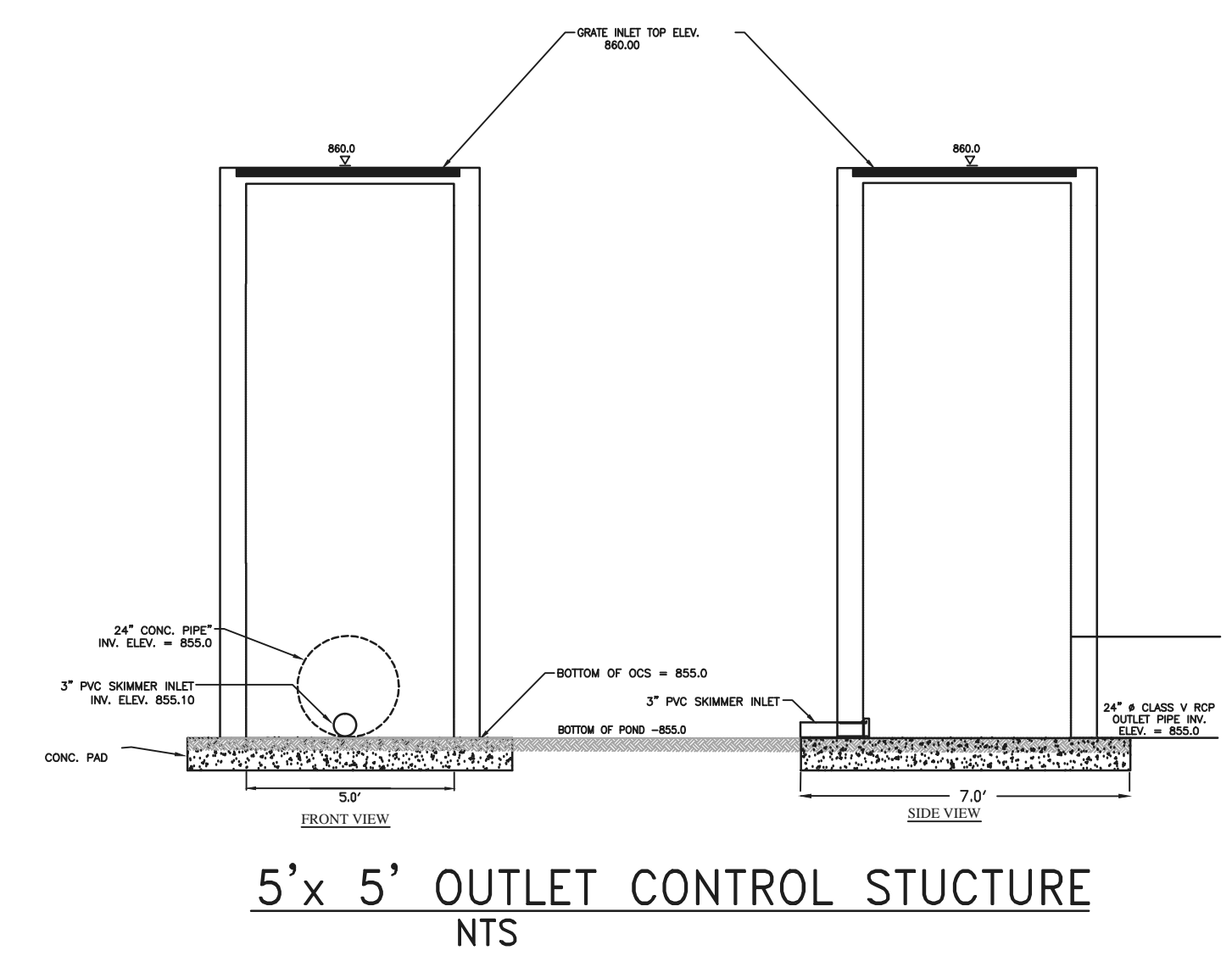
STAGE/STORAGE

Elevation (ft)	Incremental Depth (ft)	Contour Area (sf)	Average Area (sf)	Incremental Volume (cf)	Cumulative Volume (cf)	Cleanout Elevation (ft)
855		1040		0		
856	1.00	3100	11200	1978		836.5
860	4.00	5560	17201	19040		

REQUIRED STORAGE = 3.5 AC x 3,600 CU. FT. = 12,600 CU. FT.
 ACTUAL STORAGE = 19,041 CU. FT.



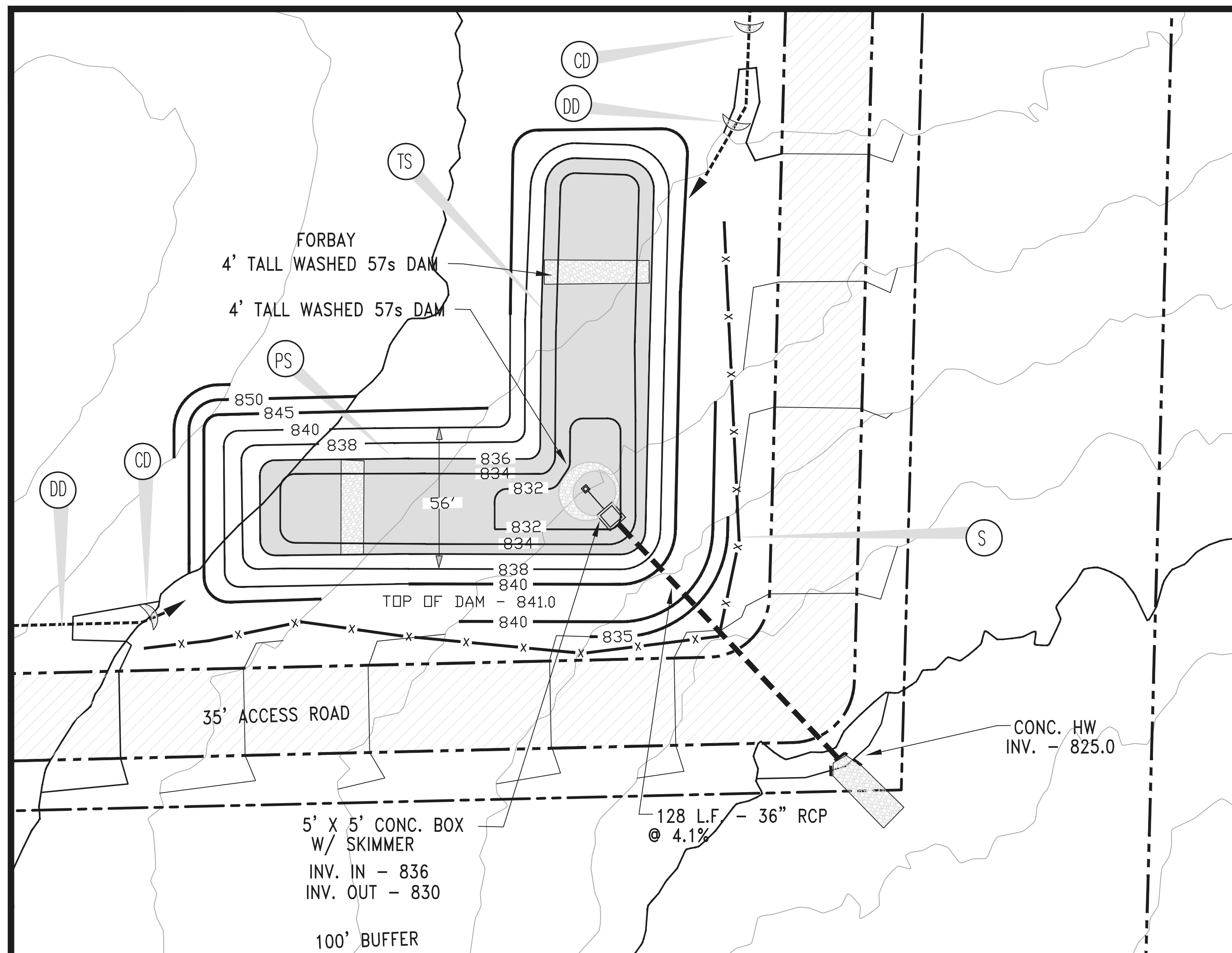
FAIRCLOTH SKIMMER RESULTS



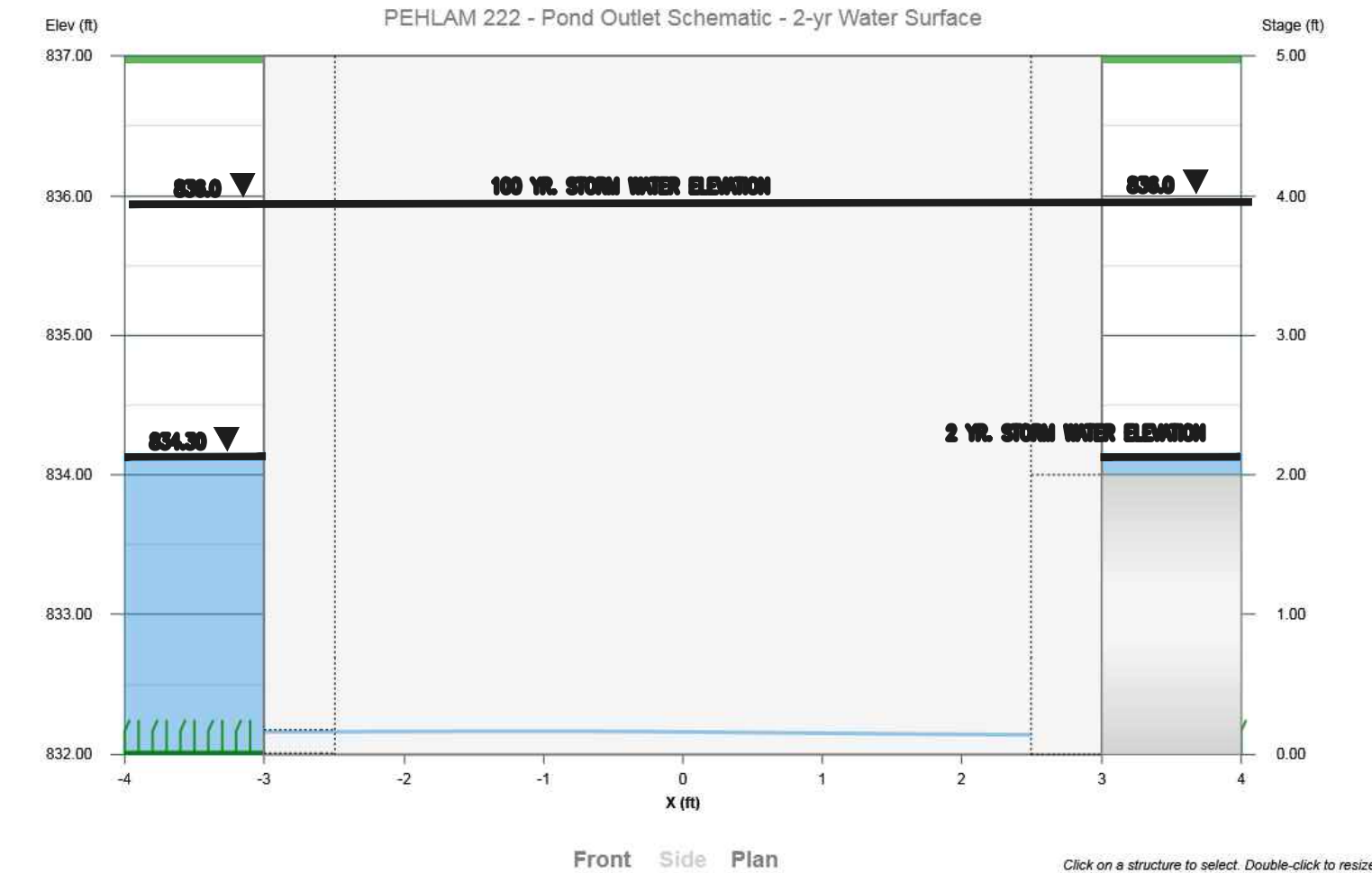
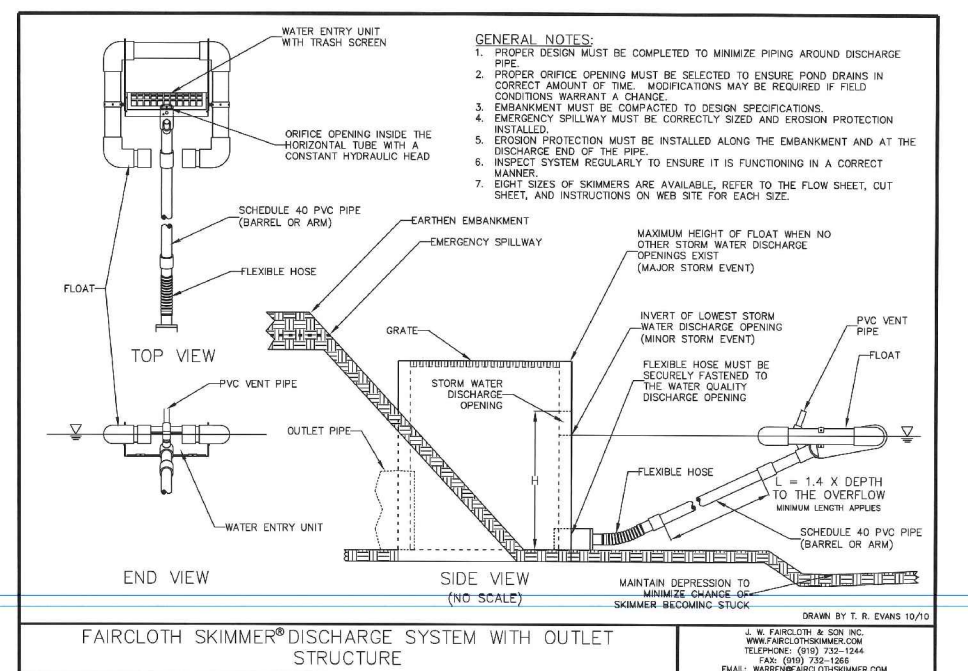
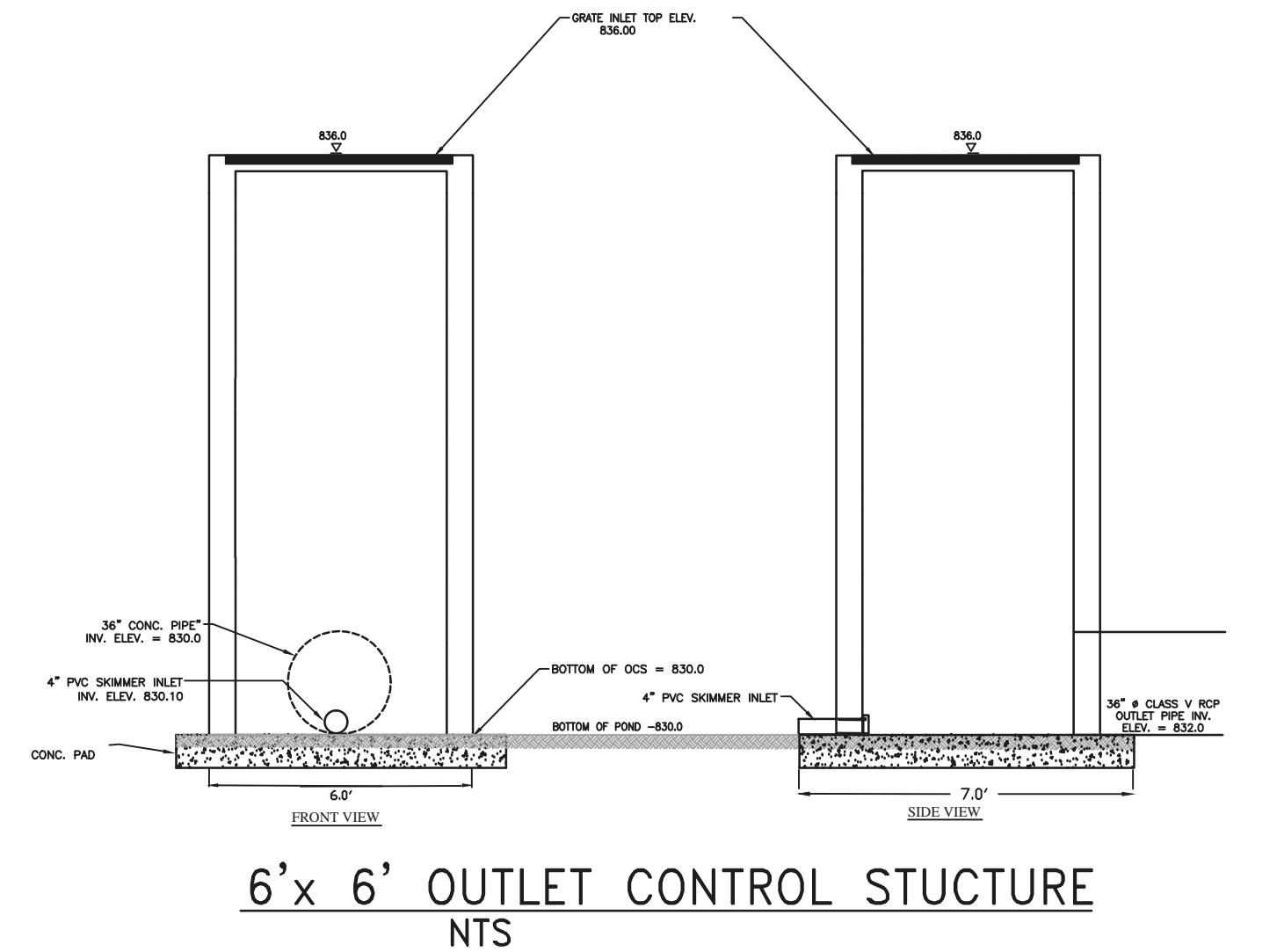
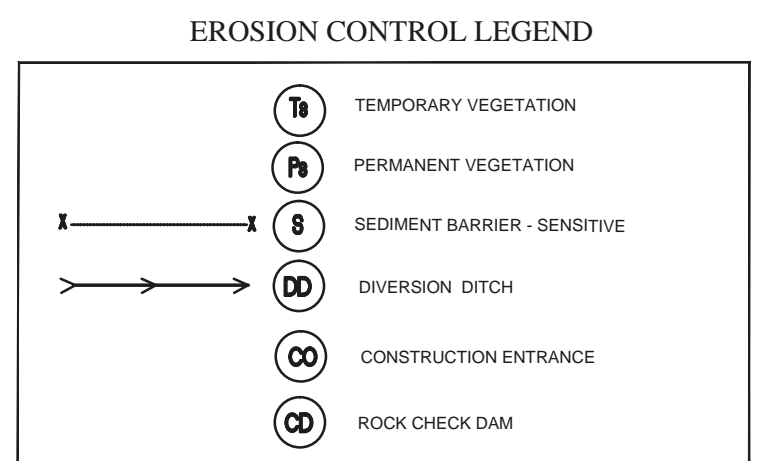
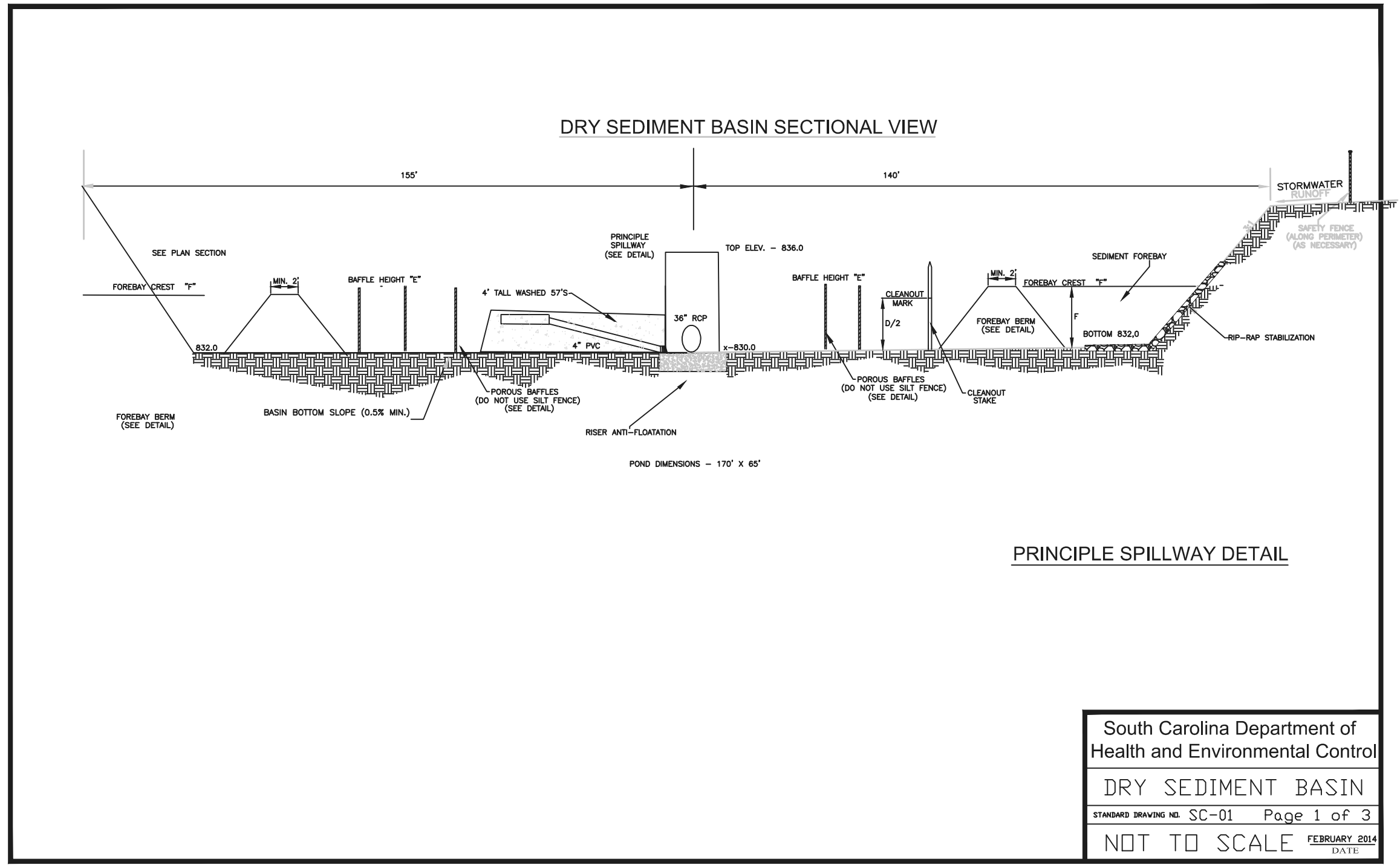
5'x5' OUTLET CONTROL STRUCTURE
NTS



SEDIMENT BASIN #1		Drawn By	DB
Heidelberg Materials Southeast Agg LLC		Checked By	
PEHLAM QUARRY SPARTENBURG COUNTY, SOUTH CAROLINA		Scale	AS SHOWN
		Date	7/12/2023
		Drawing Number	4
BRC Black Rock Consulting, LLC SEVEN DUNWOODY PARK, SUITE 115 - ATLANTA, GA 30338 - 770-395-6111			



PLAN VIEW
PROPOSED SEDIMENT POND #2
SCALE 1" = 30'
NOTE: FIELD VERIFY ELEVATIONS



POND ROUTING RESULTS
STAGE/STORAGE

Elevation (ft)	Incremental Depth (ft)	Contour Area (sf)	Average Area (sf)	Incremental Volume (cf)	Cumulative Volume (cf)	Cleanout Elevation (ft)
832		1416			0	
834	2.00	7787	11200			<-- 836.5
836	2.00	11240	17201			
838	2.00	16240	27600	97,344		

REQUIRED STORAGE = 4.5 AC x 3,600 CU. FT. = 79,200 CU.FT.
ACTUAL STORAGE = 97,344 CU. FT.

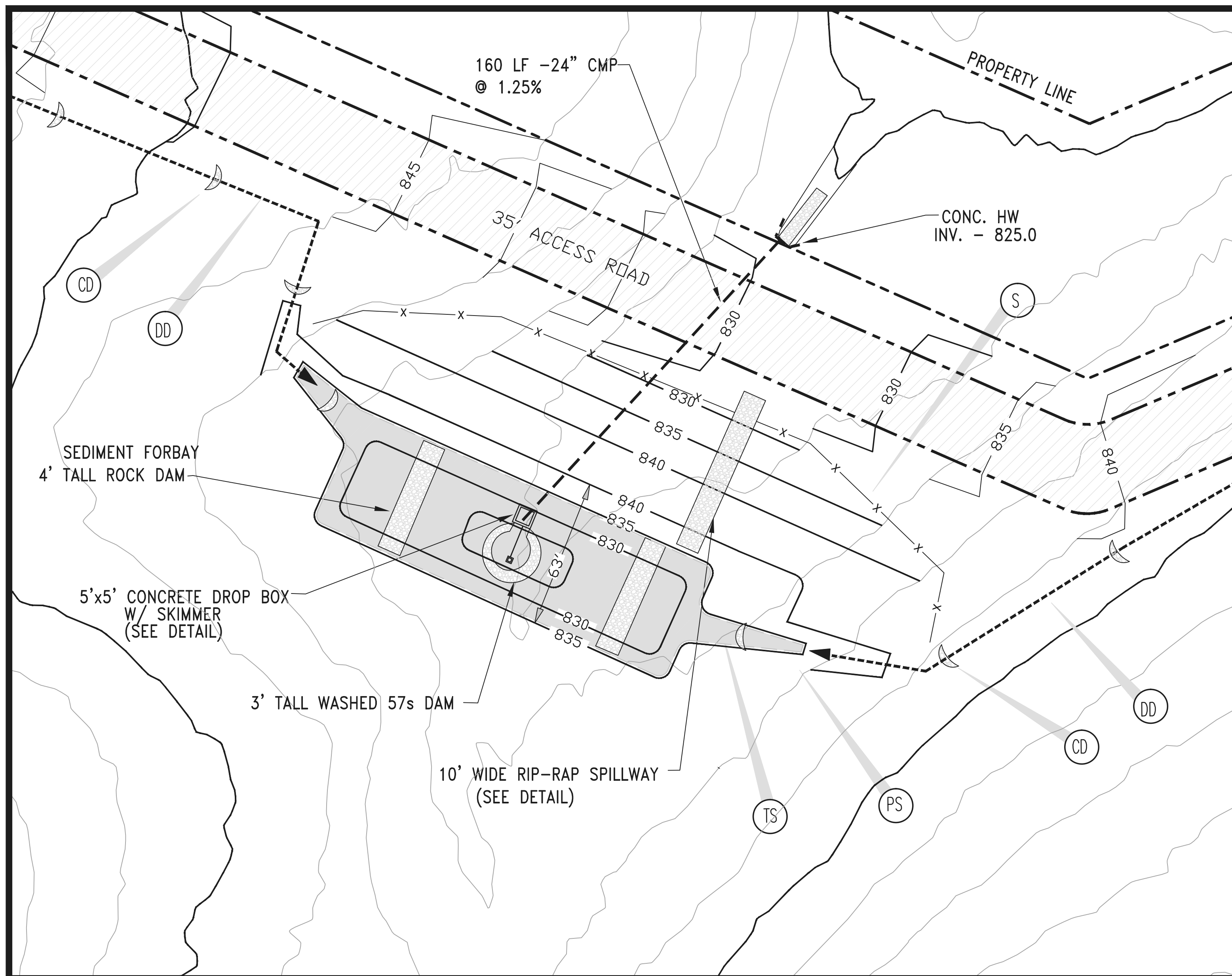


SEDIMENT BASIN #2
Heidelberg Materials Southeast Agg LLC
PEHLAM QUARRY
SPARTANBURG COUNTY, SOUTH CAROLINA

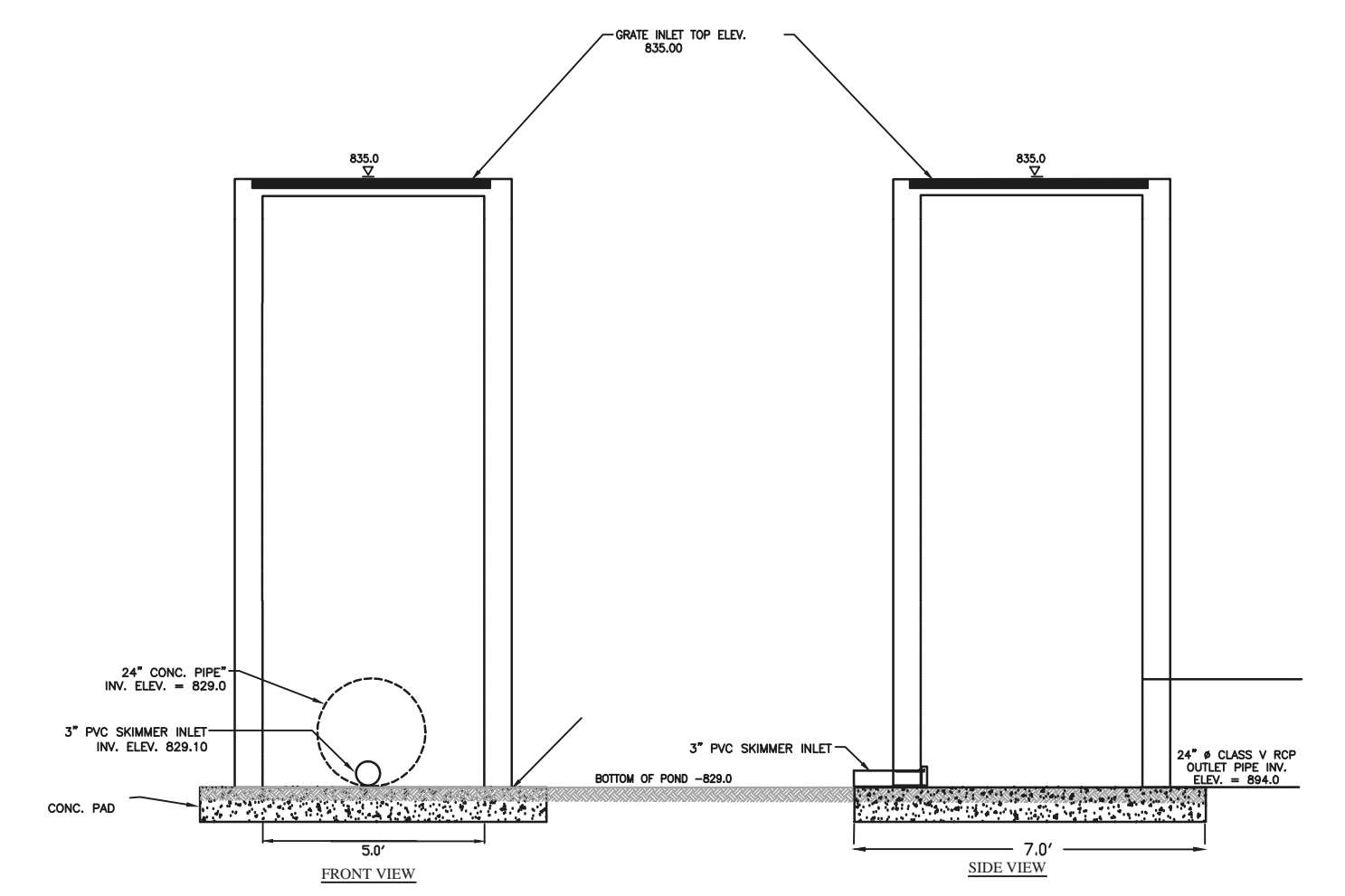
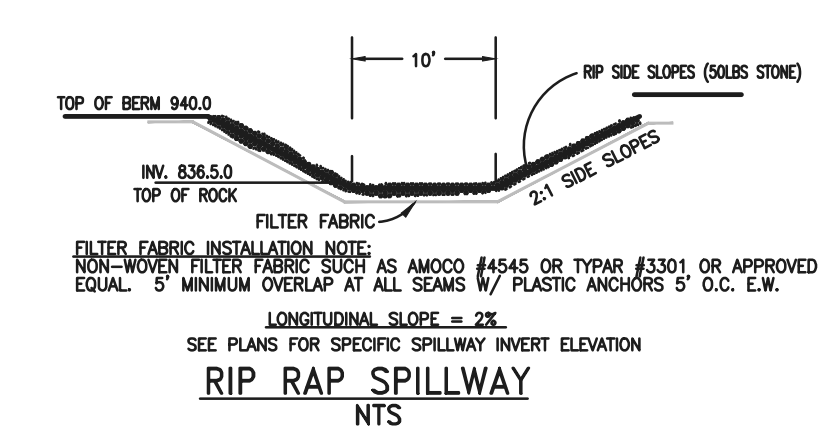
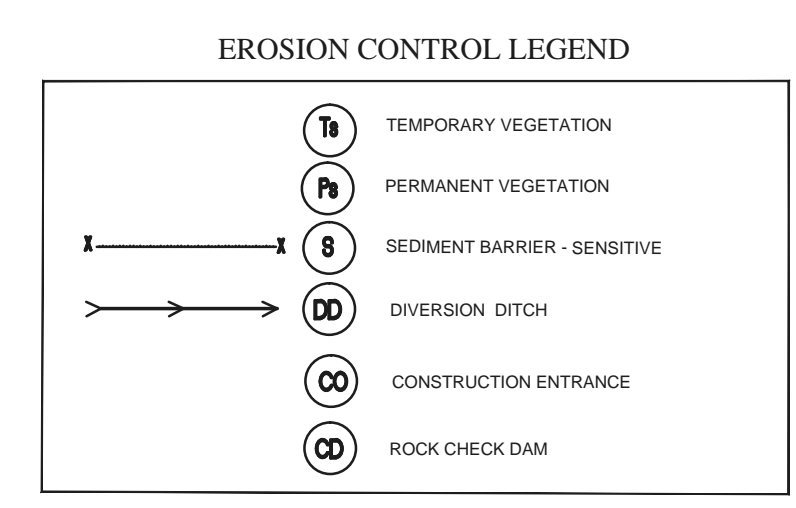
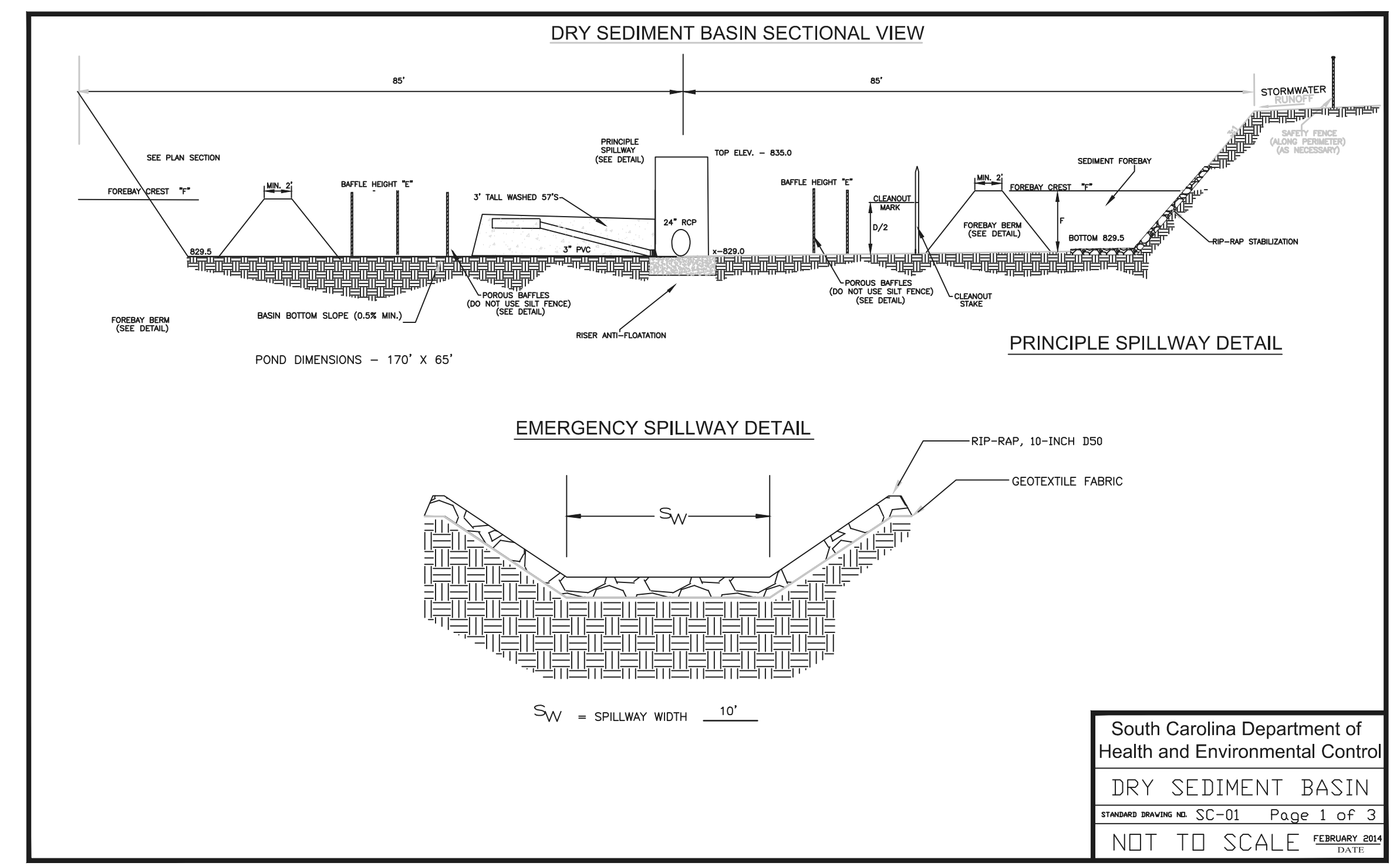
Drawn By DB
Checked By
Scale AS SHOWN
Date 10/20/2023
Drawing Number 6

BRC Black Rock Consulting, LLC
SEVEN DUNWOODY PARK, SUITE 115 - ATLANTA, GA 30339 - 770-995-6111





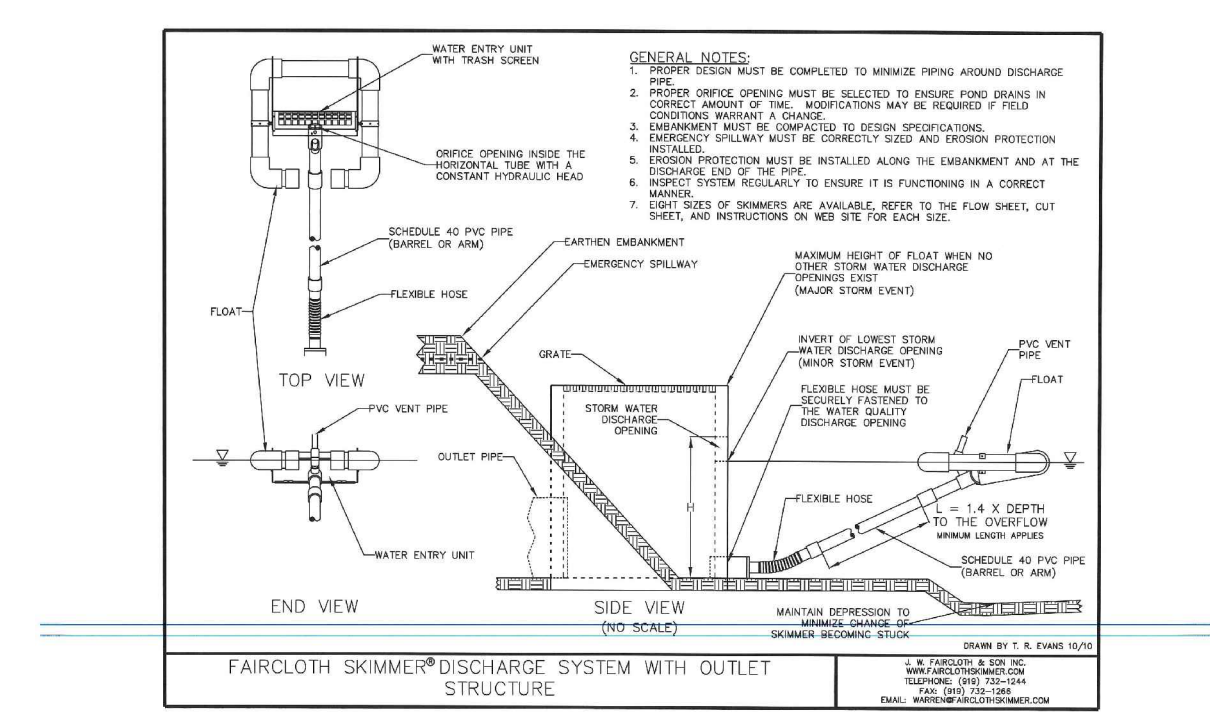
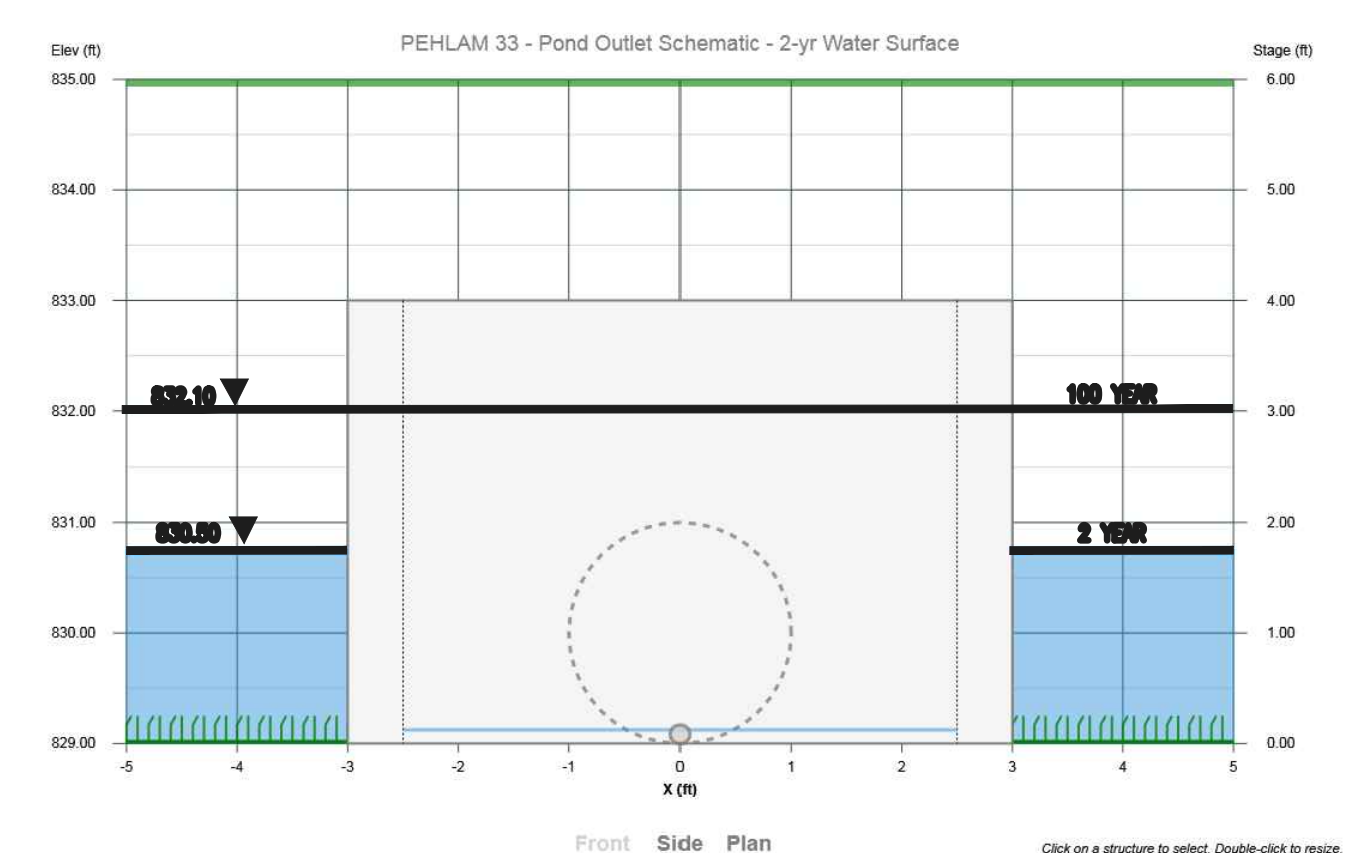
PLAN VIEW
PROPOSED SEDIMENT POND #3
SCALE 1" = 30'
NOTE: FIELD VERIFY ELEVATIONS



STAGE/STORAGE

Elevation (ft)	Incremental Depth (ft)	Contour Area (sf)	Average Area (sf)	Incremental Volume (cf)	Cumulative Volume (cf)	Cleanout Elevation (ft)
829	1.00	840	11200	0	0	836.5
830	5.00	5532	17201	25250	25250	
835		9740				

REQUIRED STORAGE = 5.5 AC x 3,600 CU. FT. = 19,800 CU.FT.
ACTUAL STORAGE = 25,250 CU. FT.

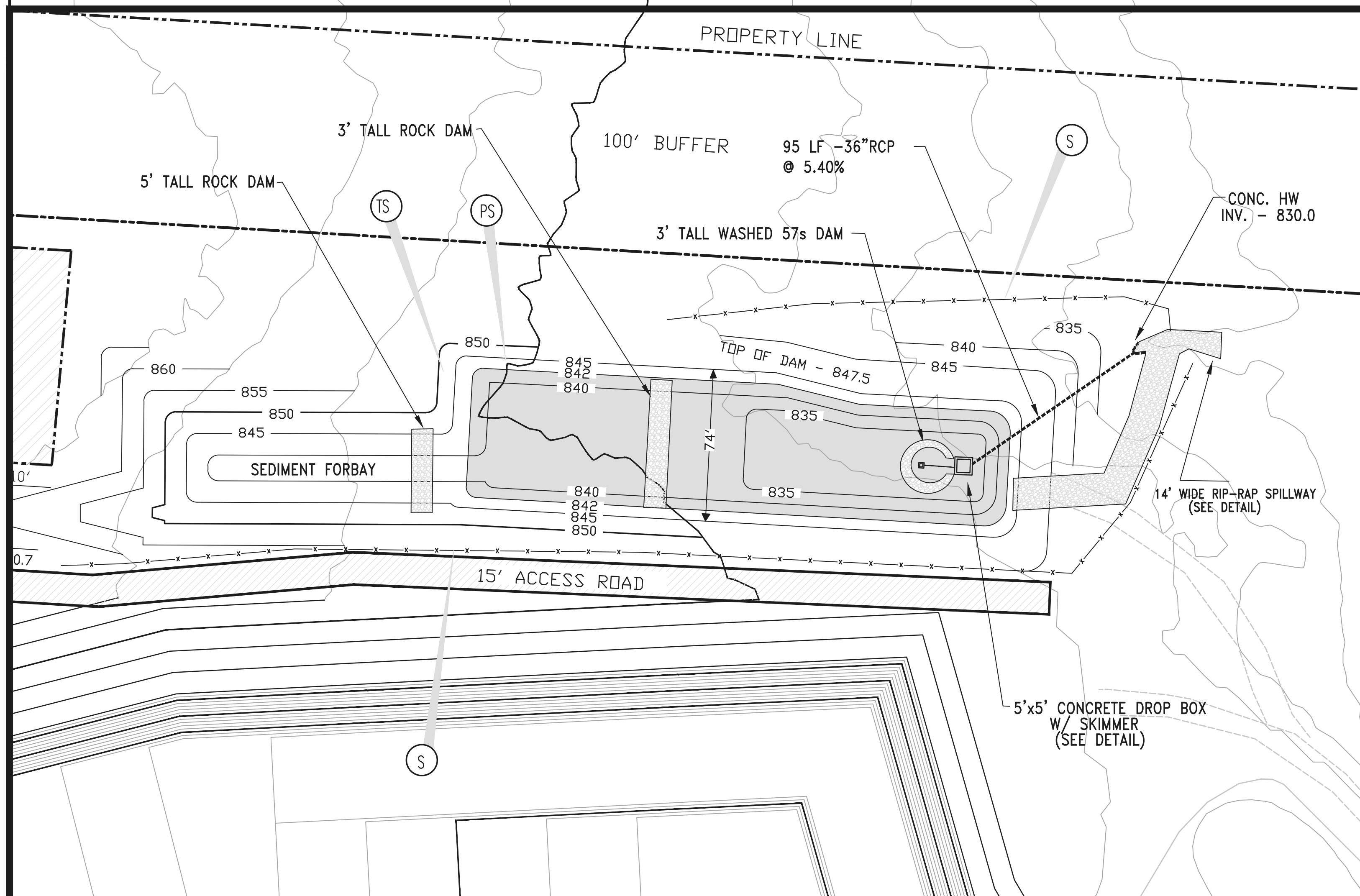


FAIRCLOTH SKIMMER RESULTS

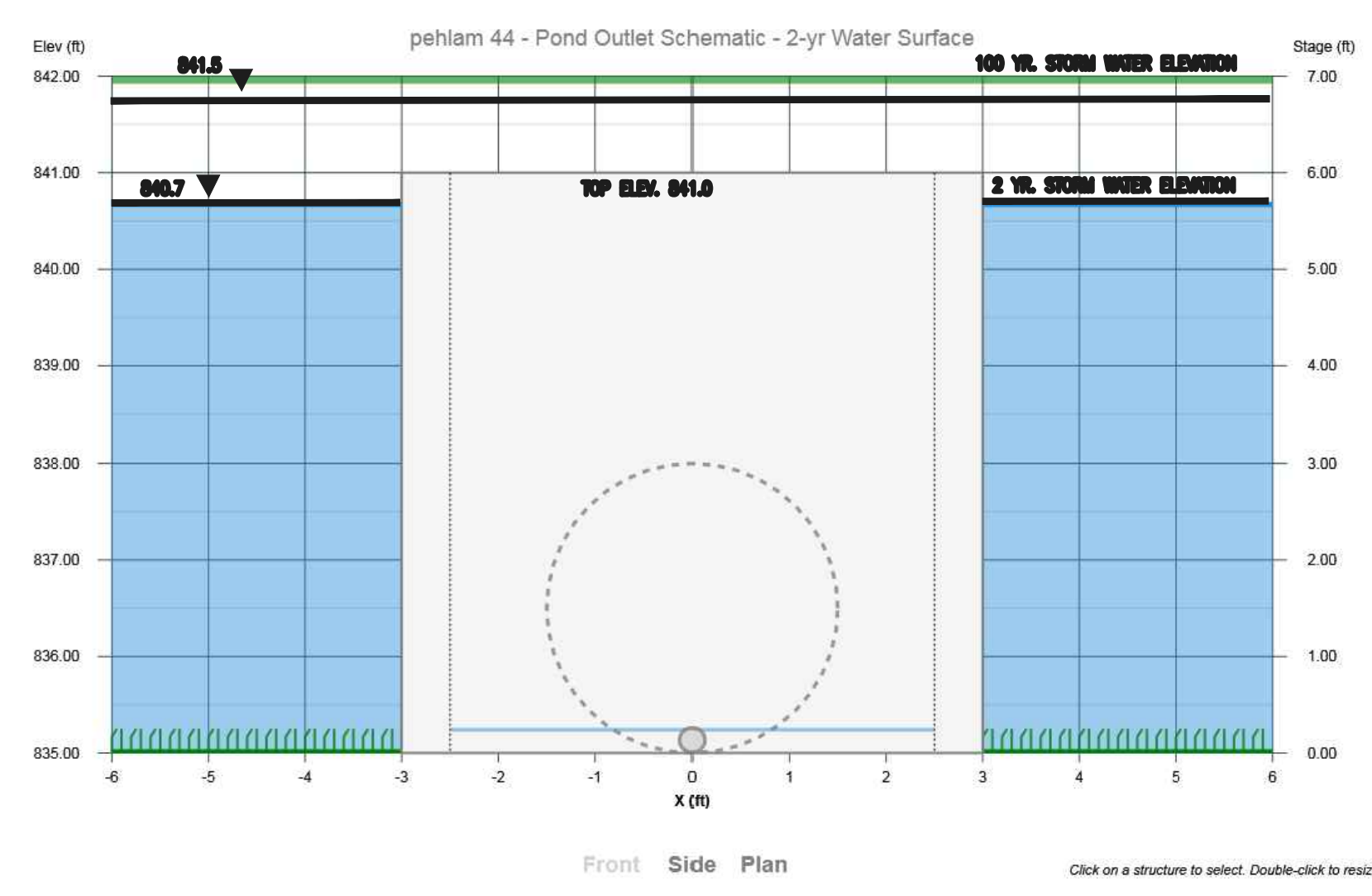
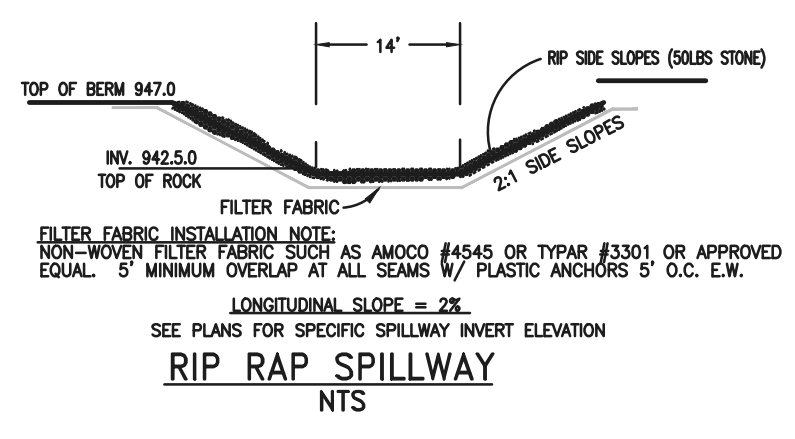
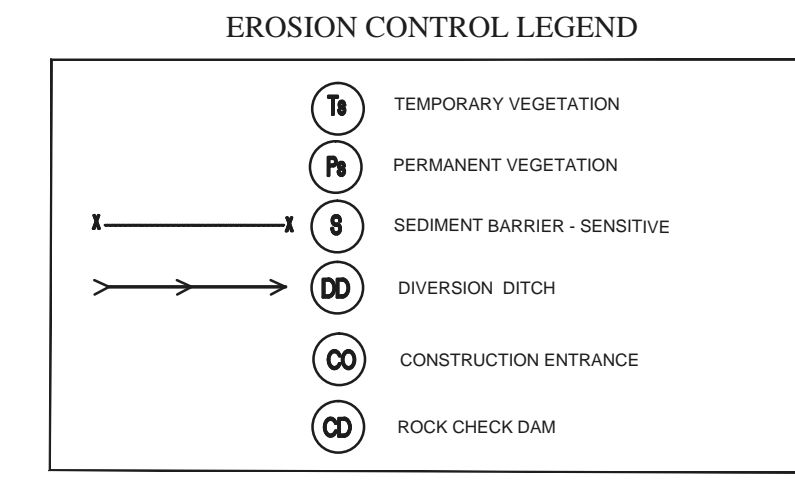
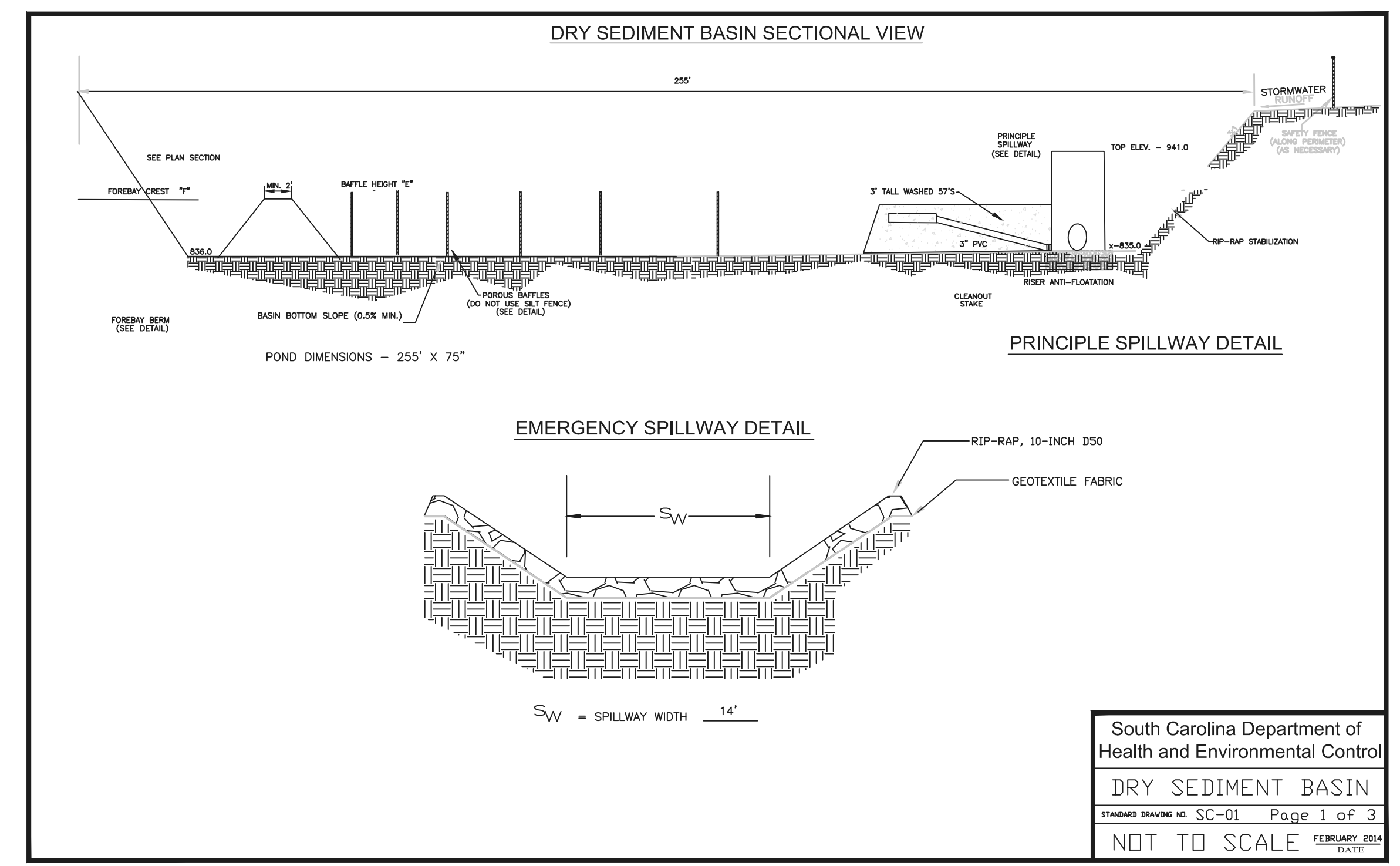
SEDIMENT BASIN #3		Drawn By	DB
Heidelberg Materials Southeast Agg LLC		Checked By	
PEHLAM QUARRY SPARTENBURG COUNTY, SOUTH CAROLINA		Scale	AS SHOWN
		Date	7/15/2023
		Drawing Number	7

BRC Black Rock Consulting, LLC
SEVEN DUNWOODY PARK, SUITE 115 - ATLANTA, GA 30338 - 770-395-6111





PLAN VIEW
PROPOSED SEDIMENT POND #4
SCALE 1" = 40'
NOTE: FIELD VERIFY ELEVATIONS

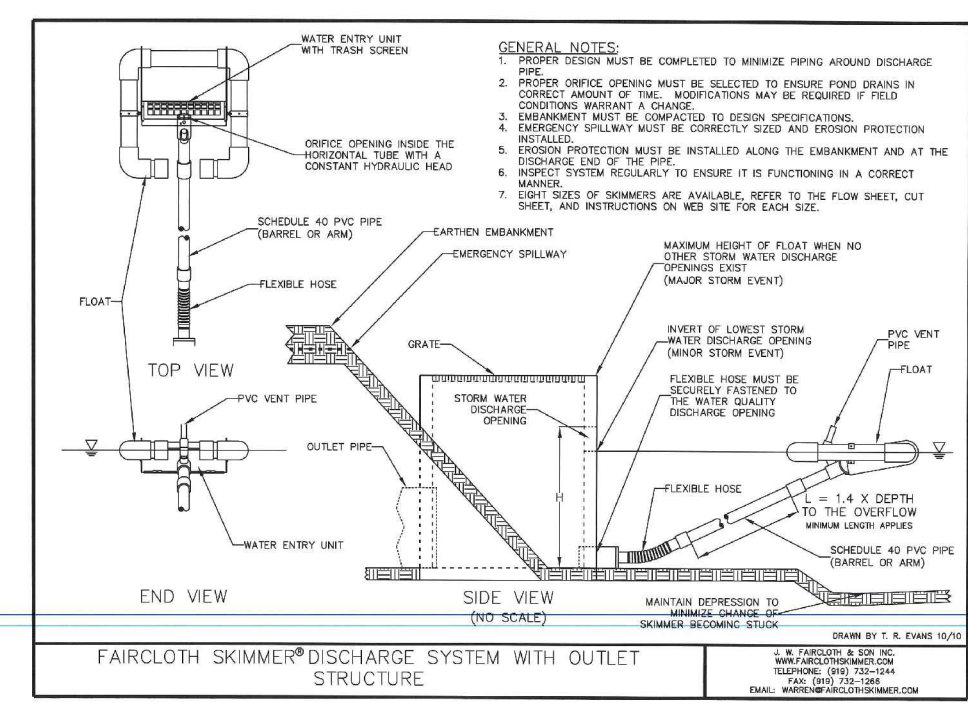


POND #4 ROUTING RESULTS

STAGE/STORAGE

Elevation (ft)	Incremental Depth (ft)	Contour Area (sf)	Average Area (sf)	Incremental Volume (cf)	Cumulative Volume (cf)	Cleanout Elevation (ft)
835		3700		0	0	
840	5.00	11,200	11200	<--	836.5	
842	3.00	15600	17201			

REQUIRED STORAGE = 19.1 AC x 3,600 CU. FT. = 68,760 CU. FT.
ACTUAL STORAGE = 69,250 CU. FT.

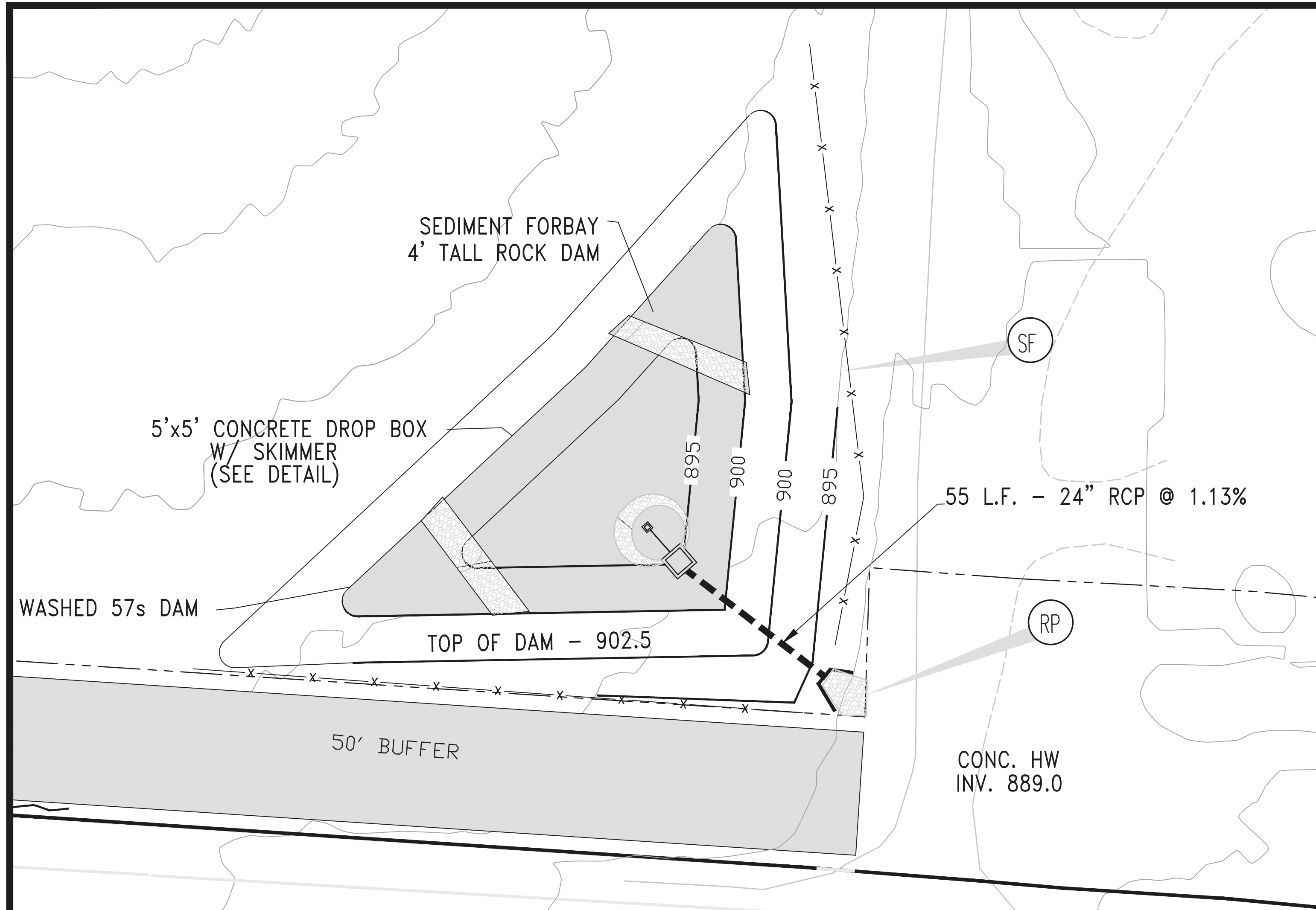


FAIRCLOTH SKIMMER RESULTS

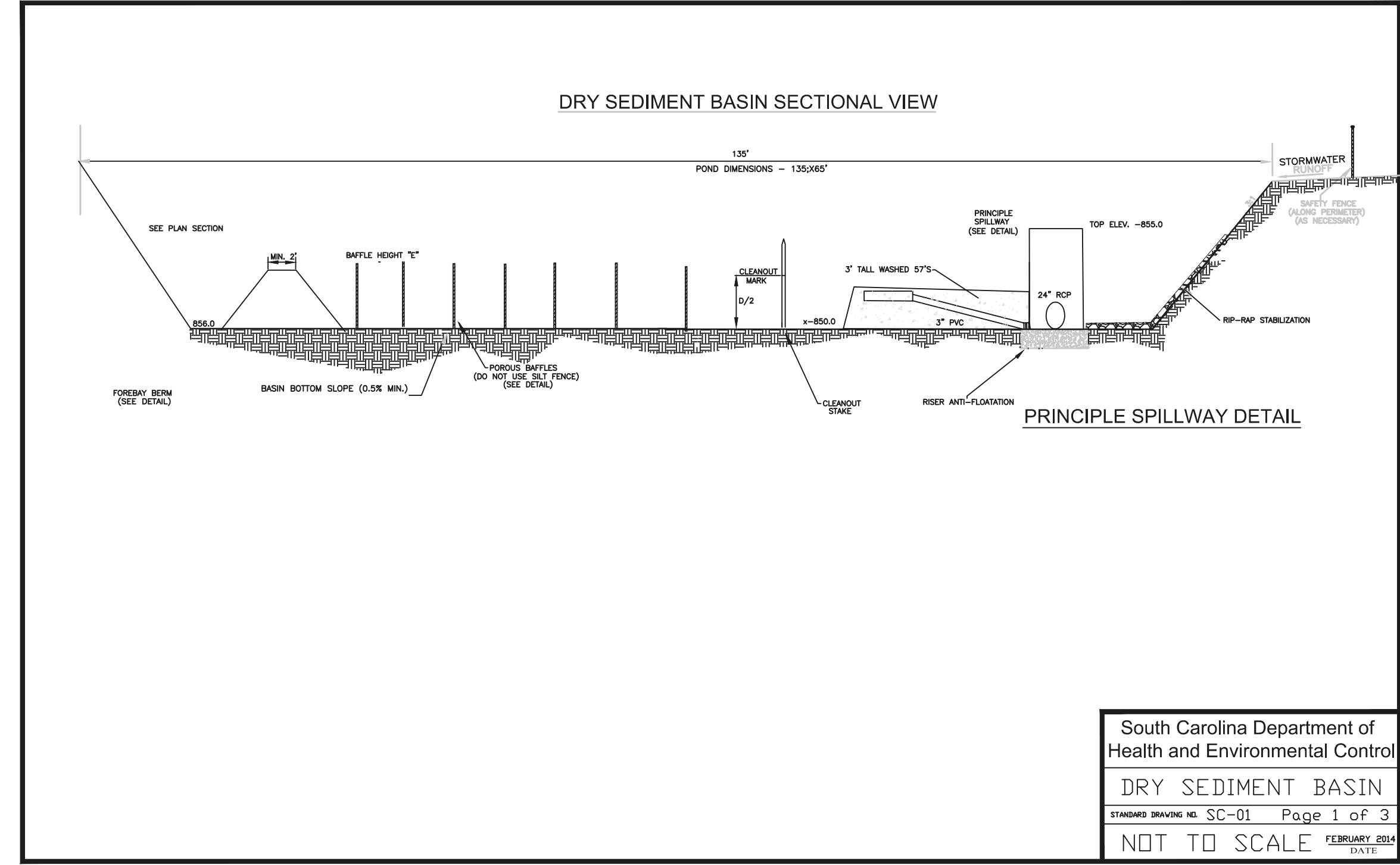


SEDIMENT BASIN #4		Drawn By	DB
Heidelberg Materials Southeast Agg LLC		Checked By	
PEHLAM QUARRY SPARTENBURG COUNTY, SOUTH CAROLINA		Scale	AS SHOWN
		Date	7/15/2023
		Drawing Number	8

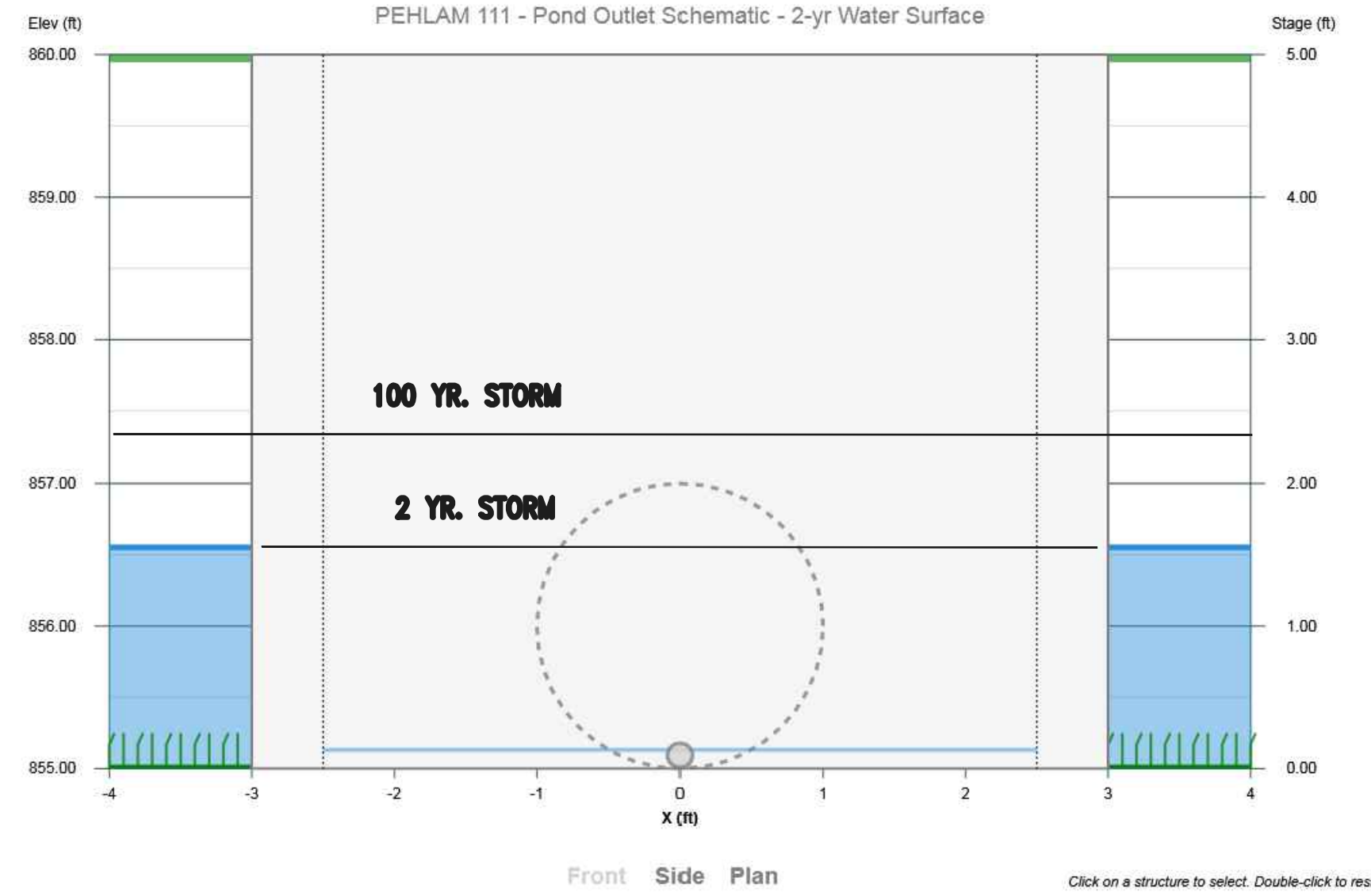
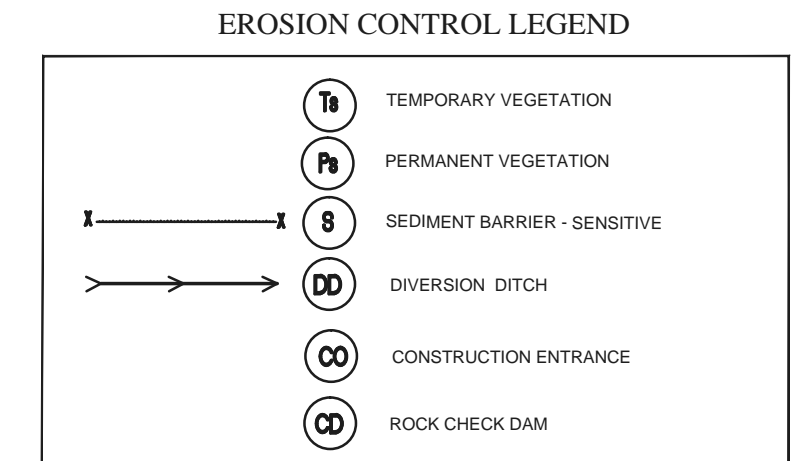
BRC Black Rock Consulting, LLC
SEVEN DUNWOODY PARK, SUITE 115 - ATLANTA, GA 30338 - 770-395-6111



PLAN VIEW
PROPOSED SEDIMENT POND #5
SCALE 1" = 30'
NOTE: FIELD VERIFY ELEVATIONS



South Carolina Department of
Health and Environmental Control
DRY SEDIMENT BASIN
STANDARD DRAWING NO. SC-01 Page 1 of 3
NOT TO SCALE FEBRUARY 2014

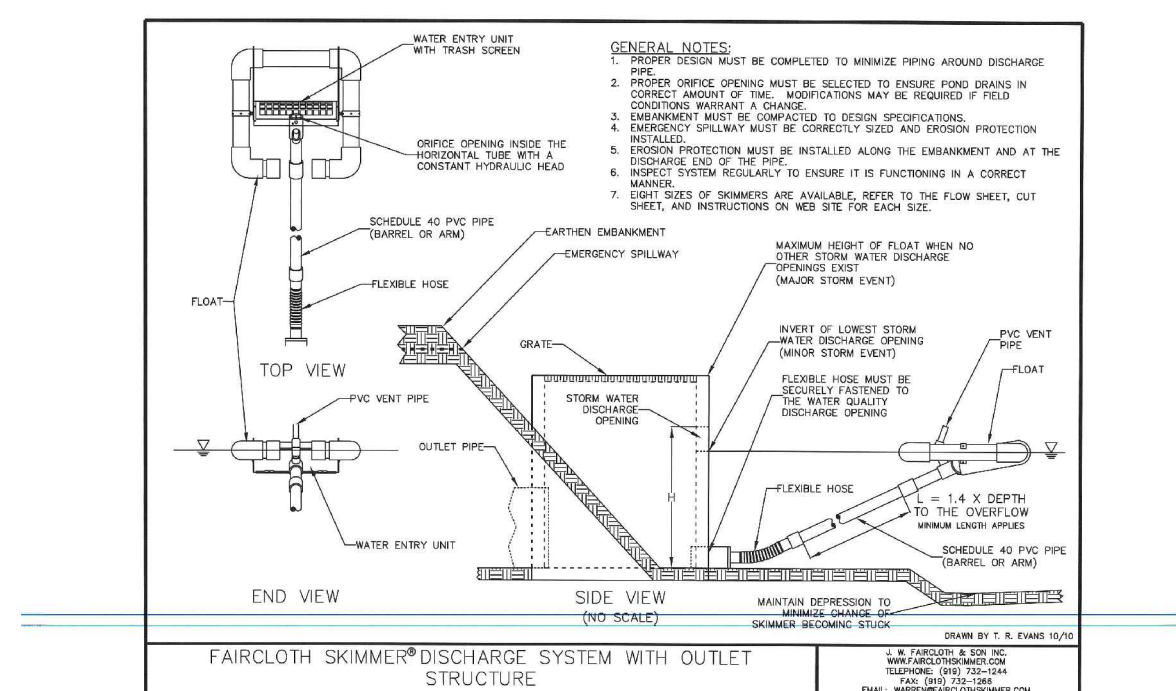


POND ROUTING RESULTS

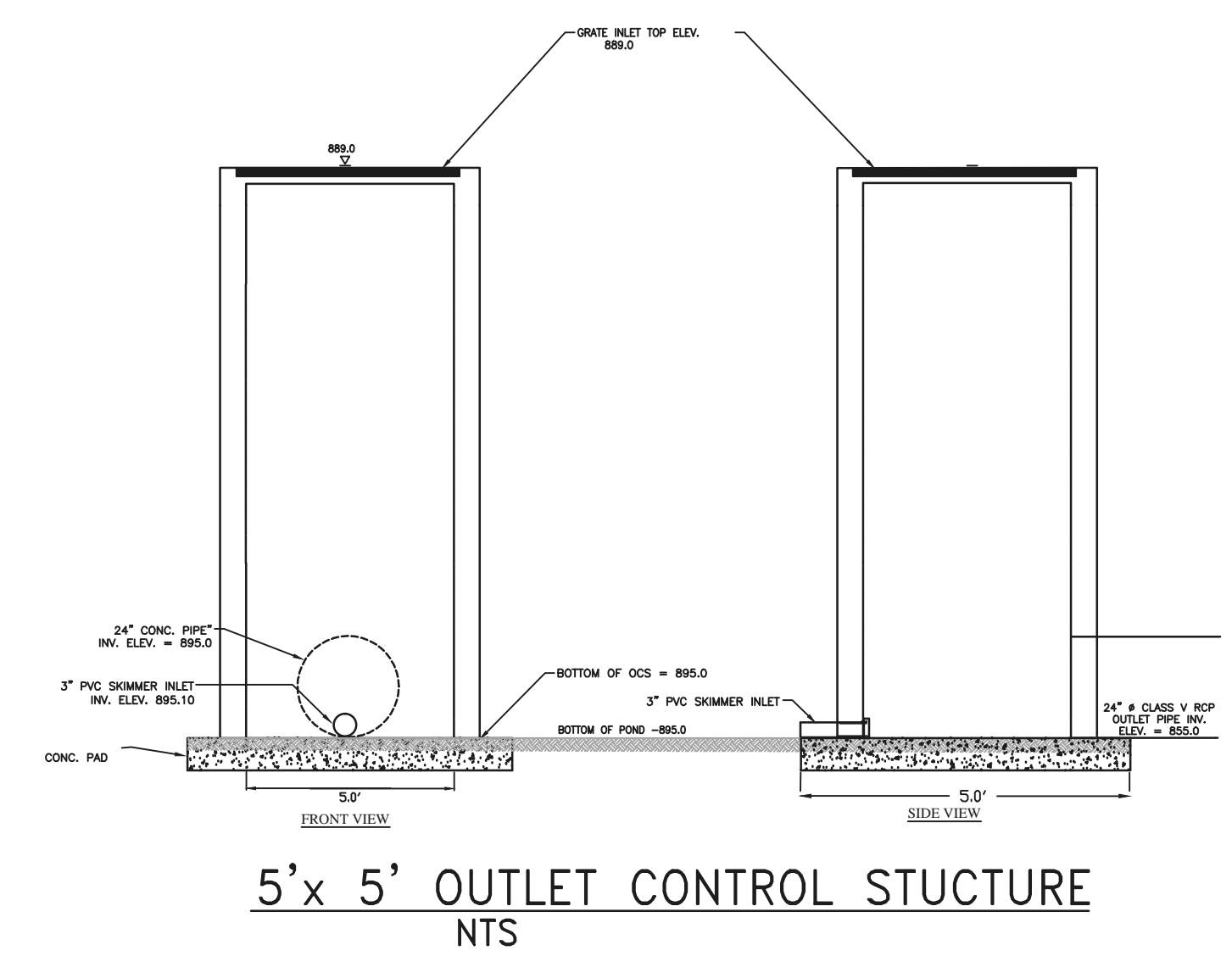
STAGE/STORAGE

Elevation (ft)	Incremental Depth (ft)	Contour Area (sf)	Average Area (sf)	Incremental Volume (cf)	Cumulative Volume (cf)	Cleanout Elevation (ft)
855		1040		0		
856	1.00	3100	11200	1978		836.5
860	4.00	5560	17201	19040		

REQUIRED STORAGE = 3.5 AC x 3,600 CU. FT. = 12,600 CU. FT.
ACTUAL STORAGE = 19,041 CU. FT.



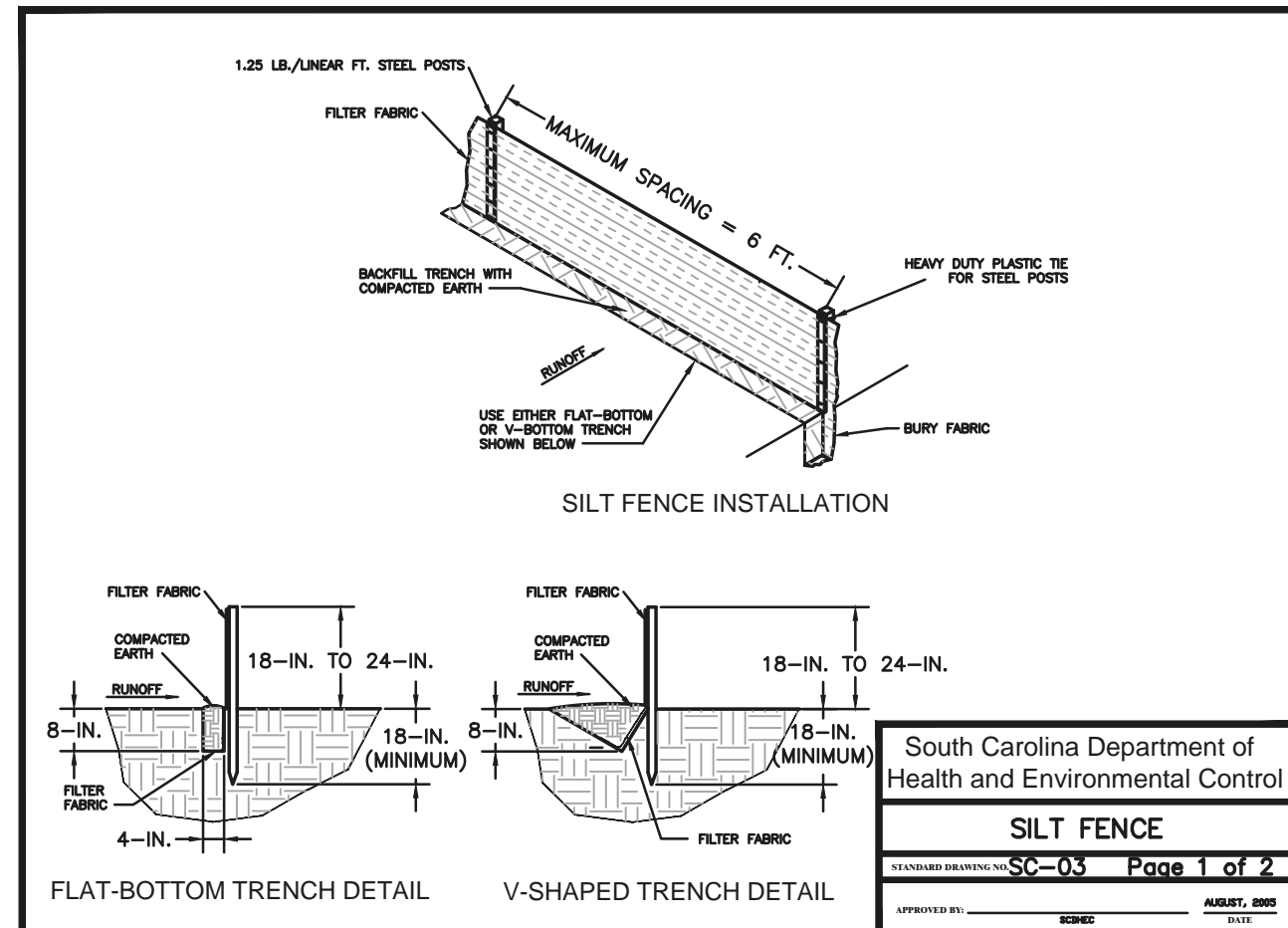
FAIRCLOTH SKIMMER RESULTS



5'x5' OUTLET CONTROL STRUCTURE
NTS



SEDIMENT BASIN #5		Drawn By	DB
Heidelberg Materials Southeast Agg LLC		Checked By	
PEHLAM QUARRY SPARTENBURG COUNTY, SOUTH CAROLINA		Scale	AS SHOWN
		Date	7/12/2023
BRC Black Rock Consulting, LLC SEVEN DUNWOODY PARK, SUITE 115 - ATLANTA, GA 30338 - 770-395-6111		Drawing Number	9



SILT FENCE DETAIL

Silt fence is applicable in areas:

Where the maximum sheet or overlaid flow path length to the fence is 100-feet, where the maximum slope steepness (normal [perpendicular] to fence line) is 2:1V. That do not receive concentrated flows greater than 0.5 cfs.

place silt fence across channels or use it as a velocity control BMP.

Material:

Steel Posts
 Use 48-inch long steel posts that meet the following minimum physical requirements:
 Composed of high strength steel with minimum yield strength of 50,000 psi.
 Have a standard "T" section with a nominal face width of 1.38-inches and nominal "T" length of 1.48-inches.
 Weigh 1.25 pounds per foot (± 8%).
 Have a soil stabilization plate with a minimum cross section area of 17-square inches attached to the steel post.
 Pointed with a water based solvent enamel point.

Use steel posts with a minimum length of 4-feet, weighing 1.25 pounds per linear foot (± 8%) with projections to aid in fastening the fabric. Except when heavy clay soils are present on site, steel posts will have a metal soil stabilization plate welded near the bottom such that when the post is driven to the proper depth, the plate will be below the ground level for added stability. The soil plates should have the following characteristics:
 Be composed of minimum 15 gauge steel.
 Have a minimum cross section area of 17-square inches.

Geotextile Filter Fabric
 Filter fabric is composed of fibers consisting of long chain synthetic polymers composed of at least 85% by weight of polyethylene, polyesters, or polyamides. Formed into a network such that the filaments or yarns retain dimensional stability relative to each other. Free of any treatment or coating which might adversely alter its physical properties after installation. Free of defects or flaws that significantly affect its physical and/or filtering properties. Cut to a minimum width of 36 inches.

Use only fabric appearing on SCDOT Approval Sheet #34 meeting the requirements of the most current edition of the SCDOT Standard Specifications for Highway Construction.

South Carolina Department of Health and Environmental Control
SILT FENCE
 FORMER NUMBER SC-03 Page 2 of 3
 APPROVED BY: [Signature] DATE: [Date]

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 sliding method. Purchase fabric in continuous rolls and cut to the length of the barrier to avoid joints. When joints are necessary, wrap 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-foot centers. Attach fabric to wood posts using staples made of heavy-duty wire at least 1 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 will remain 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 cleanup.

Inspection and Maintenance
 Inspect every seven calendar days and within 24-hours after each rainfall event that produces 1/4-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 silt 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.

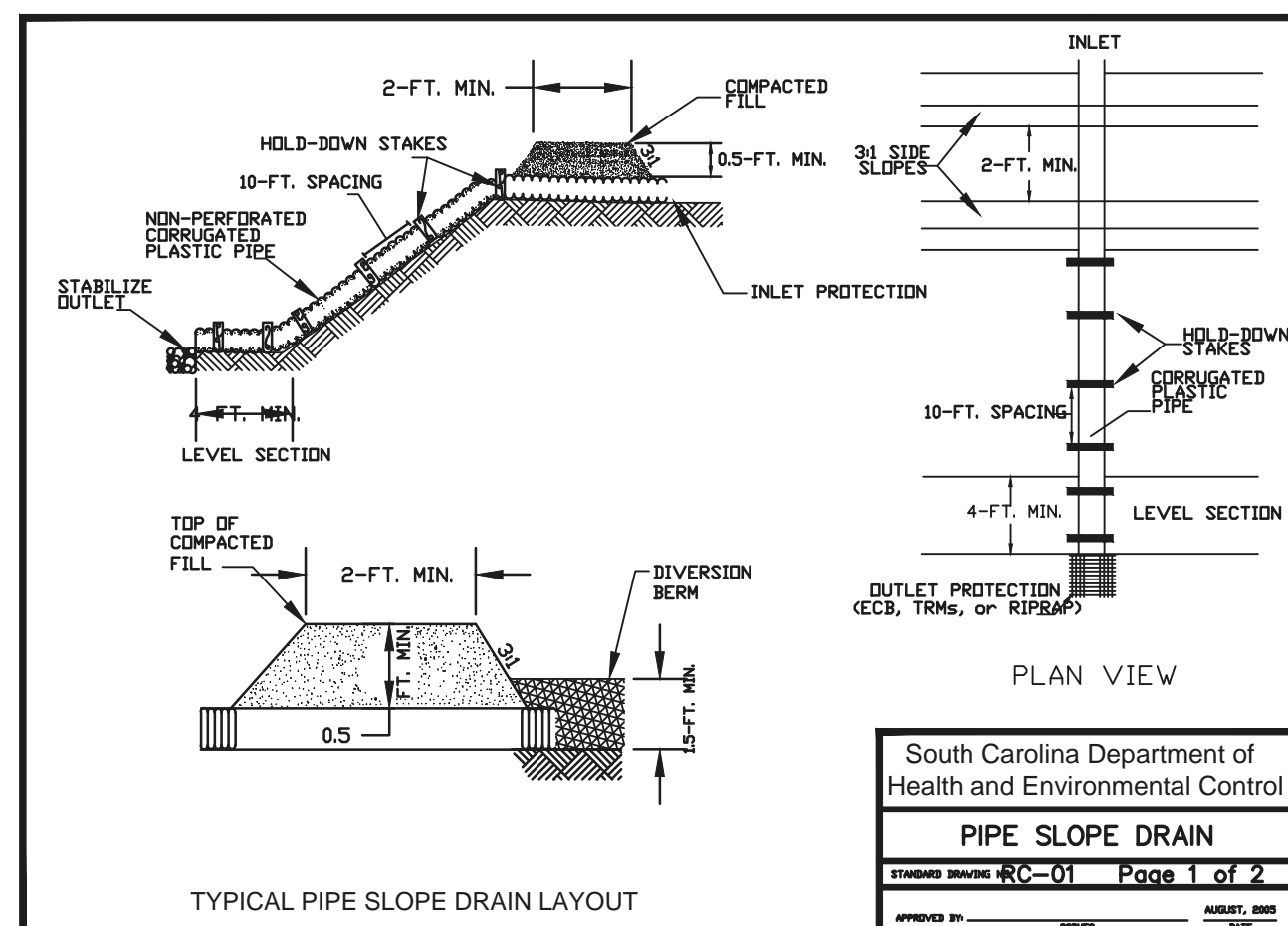
South Carolina Department of Health and Environmental Control
SILT FENCE
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 APPROVED BY: [Signature] DATE: [Date]

Temporary Seeding - Upstate

Species	Lbs./Ac	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Browntop Millet (Alone)	40												
Browntop Millet (Mix)	10												
Rye Grain (Alone)	56												
Rye Grain (Mix)	10												
Rye Grass (Alone)	50												
Rye Grass (Mix)	8												

For Steep Slopes/Cut Slopes

Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												



STABILIZED CONSTRUCTION ENTRANCE

Stabilized construction entrances should be used at all points where traffic will be leaving a construction site and moving directly onto a public road.

If washing is used, provisions must be made to intercept the wash water and trap the sediment before it is carried offsite. Washdown facilities shall be required as directed by SCDHEC as needed. Washdown areas in general must be established with crushed gravel and drain into a sediment trap or sediment basin. Construction entrances should be used in conjunction with the stabilization of construction roads to reduce the amount of mud picked up by vehicles.

Installation
 Remove all vegetation and any objectionable material from the foundation area. Divert all surface runoff and drainage from stones 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 1-inch to 3-inch D50 stone placed at a minimum depth of 6-inches. Minimum dimensions of the entrance shall be 24-feet wide by 100-feet 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 mud at the edge of the entrance.

South Carolina Department of Health and Environmental Control
STABILIZED CONSTRUCTION ENTRANCE
 FORMER NUMBER SC-06 Page 2 of 3
 APPROVED BY: [Signature] DATE: [Date]

STABILIZED CONSTRUCTION ENTRANCE

Inspect construction entrances every seven (7) calendar days and within 24-hours after each rainfall event that produces 1/4-inches or more of precipitation, or after heavy use. Check for mud and sediment buildup and pond 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.

South Carolina Department of Health and Environmental Control
STABILIZED CONSTRUCTION ENTRANCE
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 APPROVED BY: [Signature] DATE: [Date]

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 Inoculant	40												
Ladino Clover (mix only)	2												
Inoculate with AB Inoculant	2												

For Steep Slopes/Cut Slopes

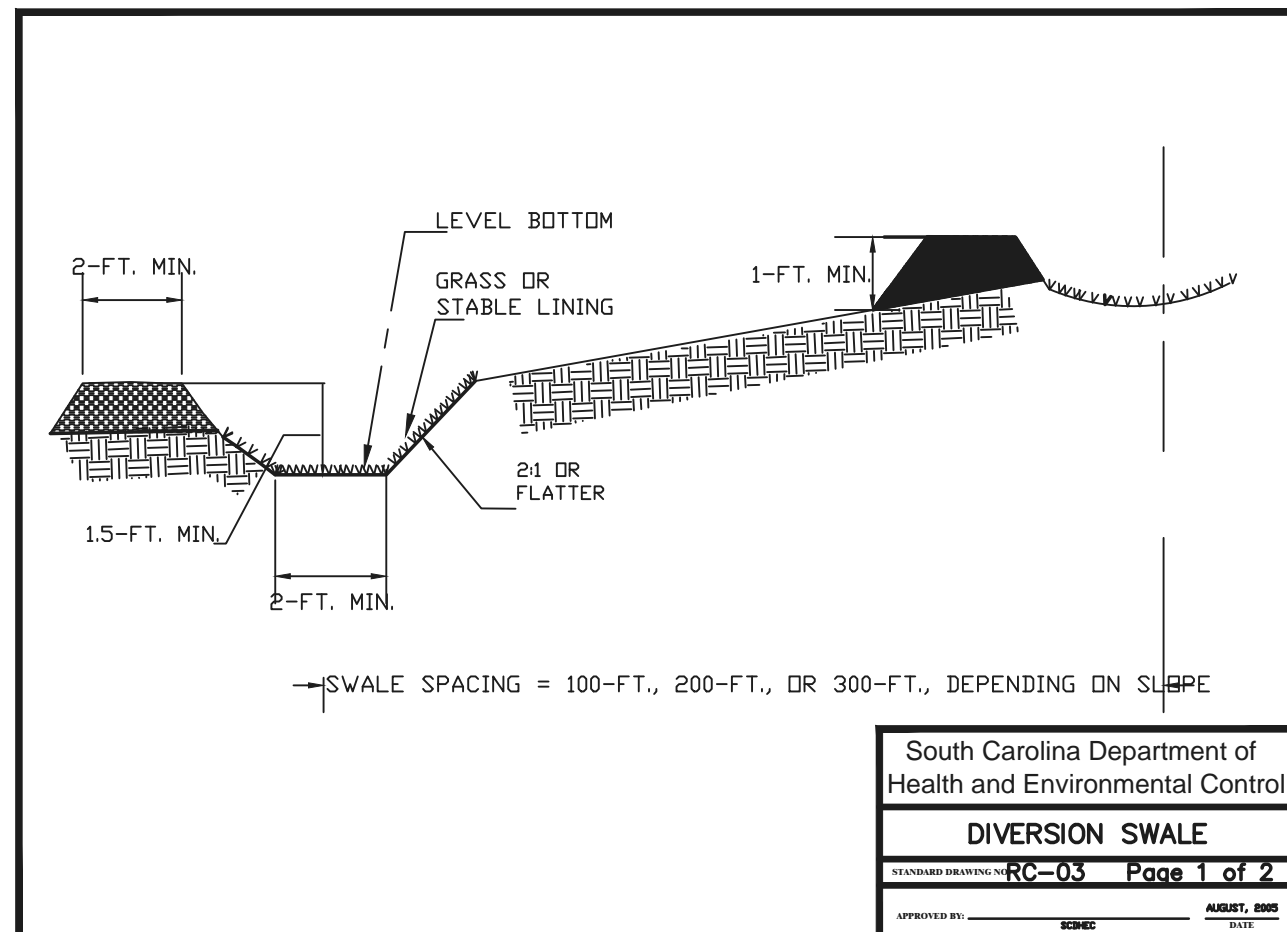
Weeping Lovegrass (Alone)	4												
Weeping Lovegrass (Mix)	2												
Crownvetch (Mix) (Inoculate with Type M Inoculant	8-10												

PIPE SLOPE DRAIN

Pipe slope drains are used when it is necessary for water to flow down a slope without causing erosion, especially before a slope has been stabilized or before permanent drainage structures are installed.

Typical pipe slope drains are made of non-perforated corrugated plastic pipe. Slope drain sections should be securely fastened together, have gasket watertight fittings, and be securely anchored into the soil. Diversion berms or dikes should direct runoff to slope drains. The minimum depth of these dikes or berms should be 1.5-feet. The height of the berm around the pipe inlet should be a minimum of 1.5-feet high and at least 0.5-feet higher than the top of the pipe. The berm at the pipe inlet shall be compacted around the pipe. The area around the inlet shall be properly stabilized with ECBs, TRMs, riprap or other applicable stabilization techniques. The area below the outlet must be properly stabilized with ECBs, TRMs, riprap or other applicable stabilization technique. If the pipe slope drain is conveying sediment-laden water, direct all flows into the sediment trapping facility. Permanent slope drains should be buried beneath the soil surface a minimum 1.5-feet. Inspect pipe slope drain inlet and outlet points every seven (7) calendar days and within 24-hours after each rainfall event that produces 1/4-inches or more of precipitation. The inlet should be free from undercutting, and no water should be going around the point of entry. If there are problems, the headwall should be reinforced with compacted earth or sandbags. The outlet point should be free of erosion and installed with appropriate outlet protection. All temporary pipe slope drains should be removed within 30 days after final site stabilization is achieved or after the temporary BMP is no longer needed. Disturbed soil areas resulting from removal should be permanently stabilized.

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PIPE SLOPE DRAIN
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 APPROVED BY: [Signature] DATE: [Date]

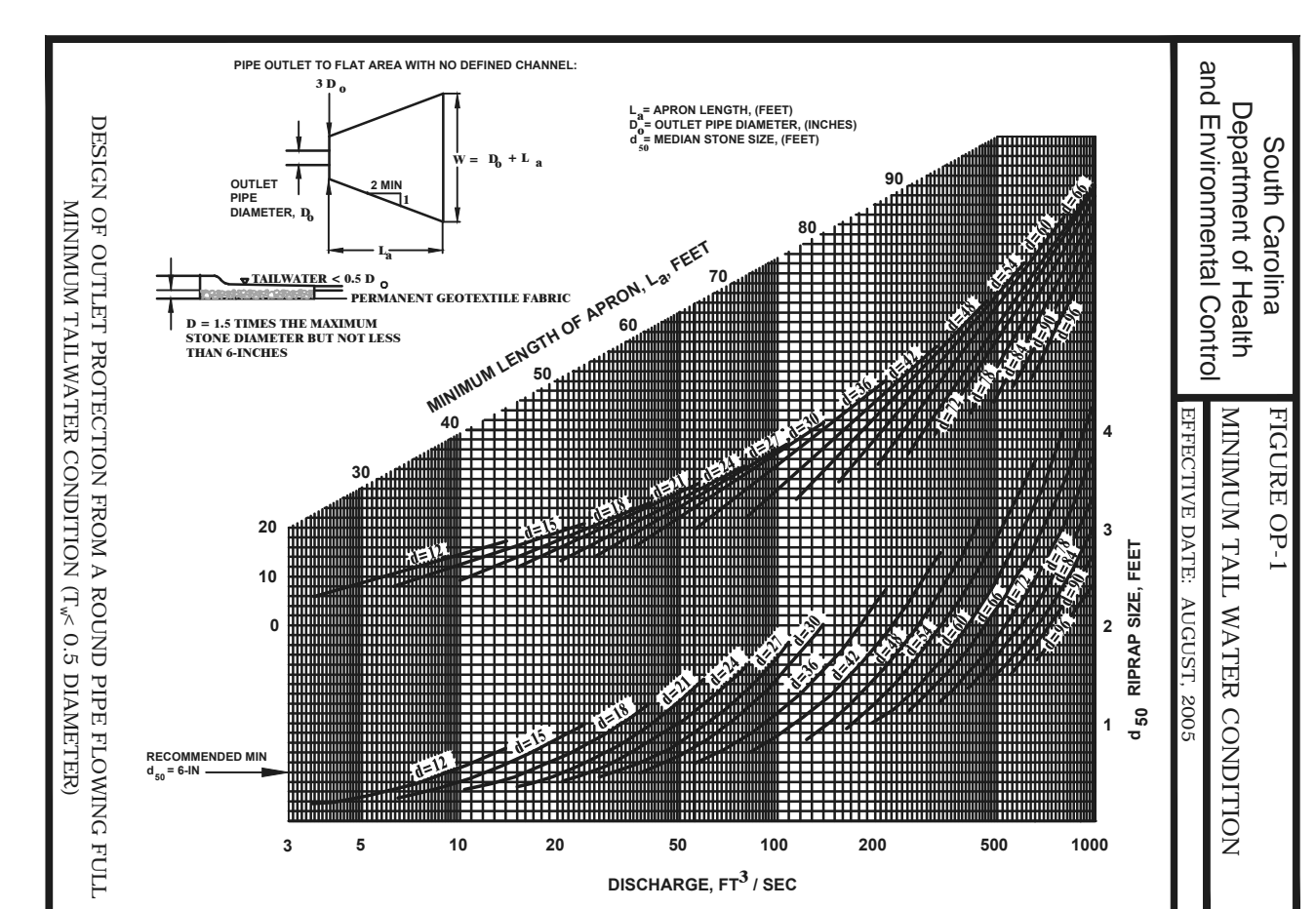


DIVERSION SWALE

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.

Installation
 Swales should be inspected, every seven (7) calendar days and within 24-hours after each rainfall event that produces 1/4-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.

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DIVERSION SWALE
 FORMER NUMBER RC-03 Page 2 of 2
 APPROVED BY: [Signature] DATE: [Date]



CONSTRUCTION DETAILS
 Heidelberg Materials Southeast Agg LLC
 PELHAM QUARRY

Drawn By: BDJ
 Checked By: DB
 Scale: AS SHOWN
 Date: 7/15/2023
 Drawing Number: 10

BRC Black Rock Consulting, LLC
 SEVEN BIRCHWOOD PARK, SUITE 115 - ATLANTA, GA 30328 - 770-385-6111