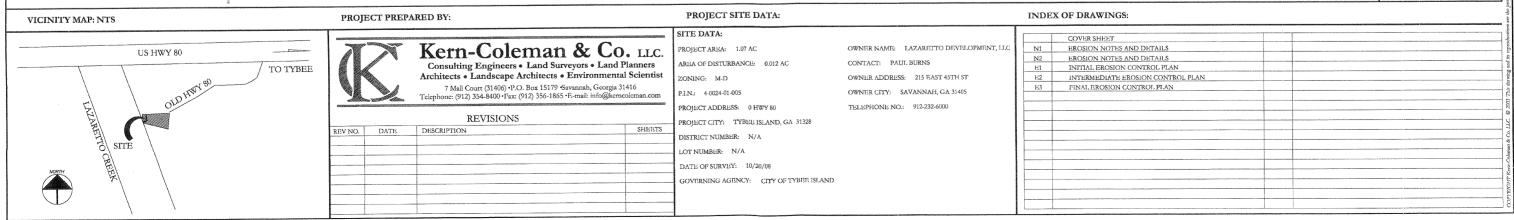
EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLANS OF

IMPROVEMENTS TO TYBEE MARINA

FOR
LAZARETTO DEVELOPMENT, LLC.
TYBEE ISLAND, GA

JULY 2009





	AND THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.		The same of the sa						
STRUCTURAL PRACTICES									
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION					
Cq	CHECK DAM	7/1/2	\$	A SMALL TEMPORARY BARRIER OR DAM CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH OR AREA OF CONCENTRATED FLOW.					
Ch	CHANNEL STABILIZATION	0.000	T	IMPROVING, CONSTRUCTING OR STABILIZING AN OPEN CHANNEL, EXISTING STREAM, OR DITCH.					
(co)	CONSTRUCTION	A. C.	/F/CO	A CRUSHED STONE PAD LOCATED AT THE CONSTRUCTION SITE EXIT TO PROVIDE A PLACE FOR REMOVING MUD FROM TIRES THEREBY PROTECTION FURBLE STREETS.					
(Cr)	CONSTRUCTION ROAD STABILIZATION		©_\$\$	A TRAVEL WAY CONSTRUCTED AS PART OF A CONSTRUCTION PLAN INCLUDING ACCESS READS, SUBDIVISION ROADS, PARKING AREAS, AND OTHER ON-SITE VEHICLE TRANSPORTATION ROUTES.					
Dc	STREAM DIVERSION CHANNEL		(D)	A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT STRUCTURE IS BEING CONSTRUCTED.					
Di	DIVERSION			AN EARTH CHANNEL OR DIKE LOCATED ABOVE, BELOW, OR ACROSS A SLOPE TO DIVERT RUNOFF. THIS MAY BE A TEMPORARY OR PERMANENT STRUCTURE.					
(Dn1)	TEMPORARY DOWN DRAIN STRUCTURE		S	A FLEXIBLE CONDUIT OF HEAVY-DUTY FABRIC OR OTHER MATERIAL DESIGNED TO SAFELY CONDUCT SURFACE RUNOFF DOWN A SLOPE. THIS IS TEMPORARY AND INEXPENSIVE.					
(n2)	PERMANENT DOWN DRAIN STRUCTURE		(bn2)	A PAVED CHUTE, PIPE, SECTIONAL CONDUIT OR SIMILAR MATERIAL DESIGNED TO SAFELY CONDUCT SURFACE RUNOFF DOWN A SLOPE.					
Fr	FILTER RING	6	Fr	A TEMPORARY STONE BARRIER CONSTRUCTED AT STORM DRAIN INLETS AND POND OUTLETS.					
Ga	GABIONS			ROCK FILTER BASKETS WHICH ARE HAND-PLACED INTO POSITION FORMING SOIL STABILIZING STRUCTURES.					
Gr	GRADE STABILIZATION STRUCTURE		The contract of the contract o	PERMANENT STRUCTURES INSTALLED TO PROTECT NATURAL OR ARTIFICIAL CHANNELS OR WATERWAYS WHERE OTHERWISE THE SLOPE WOULD BE SUFFICIENT FOR THE RUNNING WATER TO FORM GULLIES.					
\bigcirc		1.7.7	}	A STRUCTURE TO CONVERT CONCENTRATED FLOW OF WATER INTO LESS UNDISTURBED SOILS.					
Rd	ROCK FILTER DAM		£	A PERMANENT OR TEMPORARY STONE FILTER DAM INSTALLED ACROSS SMALL STREAMS OR DRAINAGEWAYS.					
Re	RETAINING WALL		Re	A WALL INSTALLED TO STABILIZE CUT AND FILL SLOPES WHERE MAXIMUM PERMISSIBLE SLOPES ARE NOT OBTAINABLE. EACH SITUATION WILL REQUIRE SPECIAL DESIGN.					
Rt	RETROFITTING	P	Rt	A DEVICE OR STRUCTURE PLACED IN FRONT OF A PERMANENT STORM WATER DETENTION POND OUTLET STRUCTURE TO SERVE AS A TEMPORARY SEDIMENT FILTER.					
(Sd1)	SEDIMENT BARRIER	7	XXXXX TYPE	A BARRIER TO PREVENT SEDIMENT FROM LEAWING THE CONSTRUCTION SITE. IT MAY BE SANDBAGS, BALES OF STRAW OR HAY, BRUSH, LOGS AND POLES, GRAVEL, OR A SEDIMENT FENCE.					
(Sd2)	INLET SEDIMENT TRAP	(2)		AN IMPOUNDING AREA CREATED BY EXCAVATING AROUND A STORM DRAIN DROP INLET. THE EXCAVATED AREA WILL BE FILLED AND STABILIZED ON FILLED AND STABILIZED ON COMPLETION OF CONSTRUCTION ACTIVITIES.					
(Sd3)	TEMPORARY SEDIMENT BASIN	MO		A BASIN CREATED BY EXCAVATION OF A DAM ACROSS A WATERWAY. THE SUFFACE WATER RUNOFF IS TEMPORARILY STORED ALLOWING THE BULK OF THE SEDIMENT TO DROP OUT.					
Sr	TEMPORARY STREAM CROSSING		1 (a)	A TEMPORARY BRIDGE OR CULVERT-TYPE STRUCTURE PROTECTING A STREAM OR WATER COURSE FROM DAMAGE BY CROSSING CONSTRUCTION EQUIPMENT.					
St	STORM DRAIN OUTLET PROTECTION	Tot	St St	A PAVED OR SHORT SECTION OF RIP RAP CHANNEL AT THE OUTLET OF A STORM DRAIN SYSTEM PREVENTING EROSION FROM THE CONCENTRATED RUNOFF.					
Su	SURFACE ROUGHENING	A	HSu)-I	A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS ON A CONTOUR OR SLOPES LEFT IN A ROUGHENED CONDITION AFTER GRADING.					
Tp	TOP SOILING		1 Kg	THE PRACTICE OF STRIPPING OFF THE MORE FERTILE SOIL, STORING IT, THEN SPREADING IT OVER THE DISTURBED AREA AFTER COMPLETION OF CONSTRUCTION ACTIVITIES.					
Wt	VEGETATED WATERWAY OR STORM WATER CONVEYANCE CHANNEL	1/1	===	PAVED OR VEGETATIVE WATER OUTLETS FOR DIVERSIONS, TERRACES, BERMS, DIKES OR SIMILAR STRUCTURES.					

VEGETATIVE MEASURES									
CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION					
Bf	BUFFER ZONE		Bf	A STRIP OF UNDISTURBED ORIGINAL VEGETATION, ENHANCED OR RESTORED EXISTING VEGETATION OR THE RE-ESTABLISHMENT OF VEGETATION SURROUNDING AN AREA OF DISTURBANCE OR BORDERING STREAMS.					
Cs	COASTAL DUNE STABILIZATION (WITH VEGETATION)	****	Cs	PLANTING VEGETATION ON DUNES THAT ARE DENUDED, ARTIFICIALLY CONSTRUCTED, OR RE-NOURISHED.					
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)		Ds1	ESTABLISHING TEMPORARY PROTECTION FOR DISTURBED AREAS WHERE SEEDINGS MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDING COVER.					
Ds2	DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)		Ds2	ESTABLISHING A TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS ON DISTURBED AREAS.					
Ds3	DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)	Zi.e.	Ds3	ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, WMES, GRASSES, SOD, OR LEGUMES ON DISTURBED AREAS.					
Ds4	DISTURBED AREA STABILIZATION (WITH SODDING)		Ds4	A PERMANENT VEGETATIVE COVER USING SODS ON HIGHLY ERODIBLE OR CRITICALLY ERODED LANDS.					
Du	DUST CONTROL ON DISTURBED AREAS		Du	CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRICTION SITE, ROADWAYS AND SIMILAR SITES.					
Mb	EROSION CONTROL MATTING AND BLANKETS	1	Mb	THE INSTALLATION OF A PROTECTIVE COVERING (BLANKET) OR SOIL STABILIZATION MAT ON A PREPARED PLANTING AREA OF A STEEP SLOPE, CHANNEL, OR SHORELINE.					
Pm	POLYACRYLAMIDE (PAM)	C-2-	Pm	THE LAND APPLICATION OF PRODUCT CONTAINING ANIONIC POLYACRYLAMDE (PAM) AS TEMPORARY SOIL BINDING AGENTS TO REDUCE SOIL EROSION.					
Sb	STREAM BANK STABILIZATION (USING PERMANENT VEGETATION)		Sb	THE USE OF READILY AVAILABLE NATIVE PLANT MATERIALS TO MAINTAIN AND ENHANCE STREAM BANKS, OR TO PREVENT, OR RESTORE AND REPAIR SMALL STREAM BANK EROSION PROBLEMS.					
Tb	TACKIFIERS AND BINDERS		Tb	SUBSTANCE USED TO ANCHOR STRAW OR HAY MULCH BY CAUSING THE ORGANIC MATERIAL TO BIND TOGETHER.					

	İ	TENTATIVE ACTIVITY SCHEDULE							
		AUG	SEPT	ост	NOV	DEC	JAN		
CLEARING AND GRUBBING	ā								
CONSTRUCTION EXIT	(ii)								
SEDIMENT BARRIER	(Sel)						and the second second		
INLET SEDIMENT TRAP	603		Lance Control			the state of the s	در درستان خونت درستا		
STORM DRAIN INLET/ OUTLET PROTECTION	St								
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TREE PROTECTION INSTAL	LATION								
MAINTENANCE OF ES&PC	BMPs					ozane ero oran zonen en erin annen robeteraren i			

Thu, 30 Jul 2009 -

SEEDING RATES FOR TEMPORARY & PERMANENT COVER

1		RATES PE		RATES PI	ER ACRE	
нтиом	TEMPORARY COVER	SEEDED ALONE	ADDED TO MIX	PERMANENT COVER	SEEDED ALONE	ADDED TO MIX
JANUARY	RYEGRASS RYE	40 lbs. 3 bu.	.5 bu.	UNHULLED BERMUDA SERICEA LESPEDEZA ¹	10 lbs. 75 lbs.	6 lbs.
FEBRUARY	ANNUAL LESPEDEZA RYEGRASS RYE	40 lbs. 40 lbs. 3 bu.	10 lbs. .5 bu.	UNHULLED BERMUDA SERICEA LESPEDEZA¹	10 lbs. 75 lbs.	8 lbs.
MARCH	WEEPING LOVEGRASS ANNUAL LESPEDEZA	4 lbs. 40 lbs.	4 lbs. 40 lbs.	PENSACOLA BAHIA HULLED BERMUDA SERICEA LESPEDEZA ²	60 lbs. 10 lbs. 60 lbs.	30 lbs. 8 lbs. –
APRIL	WEEPING LOVEGRASS SUDANGRASS BROWN TOP MILLET	4 lbs. 80 lbs. 40 lbs.	4 lbs. 80 lbs. 40 lbs.	PENSACOLA BAHIA WEEPING LOVEGRASS HULLED BERMUDA SERICEA LESPEDEZA ²	60 lbs. 6 lbs. 10 lbs. 60 lbs.	30 lbs. 6 lbs. 6 lbs.
MAY	WEEPING LOVEGRASS SUDANGRASS BROWN TOP MILLET PEARL MILLET	4lbs. 60 lbs. 40 lbs. 50 lbs.	4lbs. 60 lbs. 40 lbs. 50 lbs.	PENSACOLA BAHIA WEEPING LOVEGRASS HULLED BERMUDA SERICEA LESPEDEZA ²	60 lbs. 6 lbs. 10 lbs. 60 lbs.	30 lbs. 6 lbs. 6 lbs.
JUNE	PEARL MILLET SUDANGRASS BROWN TOP MILLET	50 lbs. 60 lbs. 40 lbs.	50 lbs. 60 lbs. 40 lbs.	PENSACOLA BAHIA HULLED BERMUDA	60 lbs. 10 lbs.	30 lbs. 5 lbs.
JULY	PEARL MILLET SUDANGRASS BROWN TOP MILLET	50 lbs. 60 lbs. 40 lbs.	50 lbs. 60 lbs. 40 lbs.	PENSACOLA BAHIA	60 lbs.	30 lbs.
AUGUST	PEARL MILLET RYE	50 lbs. 3 bu.	50 lbs. 3 bu.	PENSACOLA BAHIA	60 lbs.	30 lbs.
SEPTEMBER	RYEGRASS OATS WHEAT	40 lbs. 4 bu. 3 bu.	40 lbs. 4 bu. 3 bu.	SERICEA LESPEDEZA	75 lbs.	-
OCTOBER	RYEGRASS OATS WHEAT RYE BARLEY	3 bu. 40 lbs. 3 bu. 3 bu. 4 bu.	3 bu. 40 lbs. 3 bu. 3 bu. 4 bu.	SAME AS SEPTEMBER	SAME AS	SEPTEMBER
NOVEMBER	SAME AS OCTOBER	SAME A	S OCTOBER	SAME AS SEPTEMBER	SAME AS	SEPTEMBER
DECEMBER	SAME AS OCTOBER	SAME A	S OCTOBER	SAME AS SEPTEMBER	SAME AS	SEPTEMBER

Ds2 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)



* SITE PREPARATION

-GRADING AND SHAPING

-SFENSER DEEP APATION -GRADING AND SHAPING
-SEDBED PREPARATION
-APPLY LIME AND FERRILIZER
-PLANT SEEDING, SELECT SPECIES BY SEASON
AND REGION
-APPLY MULCHING MATERIAL IF NEEDED
-IRRIGATE IF NEEDED BUT NOT AT RATE TO
CAUSE EROSION

*PLANTING DATES DEPEND ON SPECIES AND REGION (MCHINTAIN, PIEDMONT OR COASTAL)

ESTABLISHING TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS ON DISTURBED OR DENUDED AREAS.

SPECIES	RATE PER 1,0000 SQ. FT.	RATE	PLANTING DO MTS-L'STONE	otes	COASTAL
RYEGRASS	0.9 POUNDS	40-50 LBS.	8/1-12/1	8/15-1/1	8/15-3/1
ANNUAL LESPEDEZA	0.9 POUND	40 LBS.	3/1-4/1	3/1-4/1	2/1-3/1
WEEPING LOVEGRASS	0.1 POUNDS	46 LBS.	3/15-8/1	3/1-8/15	2/15-8/15

ALL SEEDING NUMBERS ARE ALONE FOR MIXTURE NUMBER SEE MANUAL FOR EROSION AND SEDIMENT TABLE 6-24.1 PAGES 6-134 - 6-136.

UNUSUAL SITE CONDITIONS MAY REQUIRE HEAVER SEEDING RATES.

3 SEEDING DATES MAY NEED TO BE ALTERED TO FIT TEMPERATURE VARIATIONS AND LOCAL CONCERNMENT.

IC AND SHAPING BEGURED WHERE FEASIBLE

INCLUDING:

Ds2-Ds3 NOTES:

NOTES

Ds2 - 1. FOR TEMPORARY GRASSING SEE SEEDING RATES FOR TEMPORARY & PERMANENT COVER.
THE TEMPORARY GRASSING SHALL BE APPLIED WITHIN 14 DAYS OF DISTURBANCE.

1. I UNSCARIFIED
2. SCARIFIED
3. CENTIFEDE SOD CAN BE USED AS PERMANENT COVER
ANYTHIC EXCEPT JUNE THROUGH OCTOBER.
4. LISTED IN ORDER OF PREFERENCE.
5. ALL PERMANENT GRASS PLANTINGS SHALL BE MULCHED.

(With Permanent Vegetation) STABLISHING A PERMANENT VEGETATIVE COVER AS A DISTURBED AREA.

-TO STABLIZE THE SOIL

-TO REDUCE DAMAGE FROM SEDIMENT AND RUNOFF TO DOWNSTREAM AREAS
-TO IMPROVE MUDLIFE HABITAT AND WISHAL RESOURCES

Ds3 DISTURBED AREA STABILIZATION

- 2. A 6-12-12 Fertilizer shall be used on the disturbed area of De2 and Shall be applied at a rate of 1500 lbs. Per ac.
- Ds3 1. FOR PERMANENT GRASSING SEE SEEDING RATES FOR TEMPORARY & PERMANENT COVER. IF A HYDRAULIC SEEDER IS TO BE USED, REFER TO THE EROSION AND SEDMENT CONTROL MANUAL FOR FURTHER DIRECTION ON THE METHOD OF APPLICATION.
 - 2. A 6-12-12 FERTILIZER SHALL BE USED ON THE DISTURBED AREA OF Ds3 AND SHALL BE APPLIED AT RATE OF 1500 LBS. PER AC.
 - SHALL BE APPLIED AT RATE OF 1500 LIS. PEX A..

 3. DRIED STRAW OR DRY HAY SHALL BE USED FOR MULCHING AND APPLIED AT A RATE OF 2 TONS PER ACRE. MULCH WILL BE SPREAD UNFORLY WITHIN 24 HOURS AFTER SEEDING. THE MULCH WAY BE SPREAD BY BLOWER-TPPS SPEADING EQUIPMENT, OTHER SPREADING EQUIPMENT OR BY HAND. MULCH SHALL BE APPLIED TO COVER 75% OF THE SOIL SUFFACE.

SPECIAL NOTES:

1. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL AND SEDIMENT CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES

2. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT CONTROL.

SOURCE.

3. THE PURPOSE OF THE TEMPORARY DIVERSION CHANNELS ARE TO DIVERT SITE RUNOFF INTO THE TEMPORARY SEDIMENT BASINS. THESE CHANNELS MAY NOT BE SHOWN IN EXACTLY THE CORRECT LOCATIONS ON THE PLAN. THE ONSITE CONSTRUCTION MANAGER SHALL USE BEST MANAGEMENT PRACTICES TO LOCATE/RE-LOCATE THESE CHANNELS AS NEEDED OR AS GRADING CHANGES TOPPORABLY.

IOPOGRAPHT. 4. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED

NOTES:

1. SILT FENCE SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY LAND DISTURBING ACTIVITIES. THE SILT FENCE SHALL BE INSTALLED AS NECESSARY TO PREVENT ANY SEDIMENT FROM LEAVING THE LOT.

Nephelometric Turbidity Unit (NTU) Tables

Cold Water (Trout Stream)

		0-4.99	5-9.99	Surface 10-24.99	Water Drainage 25-49.99	Area, square mi 50-99.99	100-249.99	250-499.99	500+
Site Size, acres	1.00-10 10.01-25 25.01-50 50.01-100 100.01+	25 25 25 25 20 20	50 25 25 25 25 20	75 50 25 25 25	150 75 50 35 25	300 150 75 59 25	500 200 100 75 50	500 500 300 150 60	500 500 500 300 100

Warm Water (Supporting Warm Water Fisheries)

		0.400	5-9.99	Surface V	Vater Drainage	Area, square mi 50-99.99	les 100-249.99	250-499.99	500+
Site Size, acres	1.00-10 10.01-25 25.01-50 50.01-100 100.01+	0-4.99 75 50 50 50 50	150 100 50 50 50	200 100 100 50 50	400 200 100 100 50	750 300 200 100 50	750 500 300 150 100	750 750 750 300 200	750 750 750 600 100

To use these tables, select the size (arces) of the facility or common development. Then, select the surface water drainage area (square miles). The NTU matrix value arrived at from the above tables is the one to use.

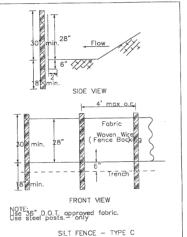


Figure 6-20.6

(912) 232-6000 20. TWENTY-FOUR HOUR CONTACT RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL: TRANS BURKE, 912-354-8400

21. ACCORDING TO NRCS SOIL DELINEATION MAPS, THE EXISTING SOIL TYPE IS CAPERS TYPE "D" HYDROLOGIC SOIL CROLLE

22. PROJECT RECIEVING WATERS: LAZARETTO CREEK, WHICH FLOWS DIRECTLY TO THE ATLANTIC OCEAN. LAZARETTO CREEK IS ADJACENT TO THE SITE.



UTILITIES PROTECTION CENTER

CALL THREE WORKING DAYS BEFORE YOU DIG THROUGHOUT GEORGIA

CO. 8 8







DATE REVSION

MARIN

OPMENT, LLC.

PLANS O FEMENTS TO T FOR ARETTO DEVELO

IMROV.

LAZARETTO

15. "I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100003." TYBEE

16. THERE ARE STATE WATERS ON THIS SITE (LAZARETTO CREEK, ADJACENT).

13. THE TOTAL PROJECT ACREAGE FOR THIS PHASE OF DEVELOPMENT IS 1.07 ACRES. THE TOTAL DISTURBED AREA IN THIS PHASE IS 0.012 ACRES.

17. ALL NON-EXEMPT ACTIVITIES AS SET FORTH BY PART IV OF THE EROSION, SEDIMENT AND POLLUTION 17. ALL NON-EXEMPT ACTIVITIES AS SET FORTH BY PART IV OF THE EROST, SEDIMENT ACTIVITIES AS SET FORTH BY PART IV OF THE EROST, SEDIMENT ACTIVITIES AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST AQUIRING THE NECESSARY VARIANCES AND PERMITS.

EROSION AND SEDIMENT NARRATIVE NOTES

1. DESCRIPTION: THE SITE IS LOCATED ON TYBEE ISLAND. THE EXISTING SITE IS CURRENTLY DEVELOPED. THE INTENT OF THIS PLAN IS TO OBTAIN THE PERMIT TO CONSTRUCT 12' X 36' CONCRETE PAD.

5. BUFFER REQUIREMENTS: AS REQUIRED BY ARTICLES 15 AND 16 OF SECTION 12-7-6 OF THE
"GEORGIA EROSION AND SEDIMENTATION ACT OF 1975", THERE IS ESTABLISHED A 25 FOOT BUFFER ALONG
THE BANKS OF ALL STATE WATERS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS
BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, EXCEPT WHERE THE DIRECTOR DETERMINES TO
BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, EXCEPT WHERE THE DIRECTOR DETERMINES TO
ALLOW A VARIANCE THAT IS AT LEAST AS PROTECTIVE OF THE NATURAL RESOURCES AND THE ENVIRONMENT,
WHERE OTHERWISE ALLOWED BY THE DIRECTOR PURSUANT TO OCGA 12-2-8, OR WHERE A DRAINAGE
STRUCTURE OR ROADWAY DRAINAGE STRUCTURE MUST BE CONSTRUCTED, PROVIDED THAT ADEQUATE
EROSION CONTROL MEASURES ARE INCORPORATED IN THE PROJECT PLANS AND SPECIFICATIONS AND ARE
IMPLEMENTED.

6. EROSION CONTROL PROGRAM: CLEARING WILL BE KEPT TO AN ABSOLUTE MINIMUM. VEGETATION AND MULCH WILL BE APPLIED TO APPLICABLE AREAS IMMEDIATELY AFTER VEGETATION AND MULCH WILL BE APPLIED TO APPLICABLE AREAS IMMEDIATELY AFTER GRADING IS COMPLETED. GRAVEL WILL BE APPLIED TO PARKING AREAS AND ROADWAYS AS SOON AS GRADING IS COMPLETED. LAND WILL BE SCHEDULED TO LIMIT EXPOSURE OF BARE SOILS TO EROSION ELEMENTS. STORM WATER MANAGEMENT STRUCTURES WILL BE EMPLOYED TO PREVENT EROSION IN AREAS OF CONCENTRATED WATER FLOWS. EROSION AT THE EXITS OF ALL STORM WATER STRUCTURES WILL BE PREVENTED BY THE INSTILLATION OF STORM DRAIN OUTLET PROTECTION DEVICES.

7. SEDIMENT CONTROL PROGRAM: SEDIMENT CONTROL WILL BE ACCOMPLISHED BY THE INSTALLATION OF 7. SCHIMENT CONTROL PROGRAMS. SCHIMENT CONTROL WILL BE ACCOMPLISHED BY THE INSTALLATION OF 140 LINEAR FEET (TOTAL) OF "C" SILT FENCE. SEDIMENT STORAGE WILL BE ACCOMPLISHED BY UTILIZING THE FIRST ROW OF SILT FENCE.

8. STANDARDS AND SPECIFICATIONS: ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE PUBLICATION ENTITLED, "MANUAL FOR

10. MAINTENANCE PROGRAM: SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSPECTED DAILY. ANY DAMAGES OBSERVED WILL BE REPAIRED BY THE END OF THAT DAY, CLEANOUT OF SEDIMENT CONTROL STRUCTURES WILL BE ACCOMPLISHED IN ACCORDANCE WITH THE SPECIFICATIONS AND SEDIMENT DISPOSAL ACCOMPLISHED BY SPREADING ON THE SITE. BARRIERS WILL REMAIN IN PLACE UNTIL SEDIMENT CONTRIBUTING AREAS ARE STABILIZED. THE SEDIMENT FENCES, AND THE BARRIERS WILL THEN BE REMOVED AND THE AREAS OCCUPIED BY THESE DEVICES WILL THEN BE VEGETATED, GUIDELINES FOR THE MAINTENANCE OF ESTABLISHED VEGETATION WILL BE PROVIDED TO THE OWNER WHEN ALL DISTURBED AREAS ARE STABLIZED.

MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL PRACTICES, WHETHER TEMPORARY PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE OWNER.

11. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE CROSSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

14. THIS PROPERTY IS LOCATED IN ZONE VE, A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP, COMMUNITY NO. 130030, PANEL 0194 F, MAP DATED: 09-26-2008

SAFETY PROTECTION: CONSTRUCTION ACTIVITIES WILL BE PERFORMED IN COMPLIANCE WITH ALL

3. SOILS, TOPOGRAPHIC AND DRAINAGE INFORMATION: FOR INFORMATION REGARDING THE SOILS, TOPOGRAPHIC AND DRAINAGE INFORMATION PLEASE REFERENCE THE SOIL EROSION PLANS OF THE

2. ZONING: THE PRESENT ZONING CLASSIFICATION FOR THIS SITE IS M-D.

4. VEGETATION: THE EXISTING SITE IS CURRENTLY CLEARED.

EROSION AND SEDIMENT CONTROL IN GEORGIA".

APPLICABLE LAWS, RULES AND REGULATIONS.

PROPERTY ID #: 4-0024-01-005

CONSTRUCTION DRAWINGS.

18. THE POINT OF CONTACT FOR CIVIL SITE WORK FOR THIS PROJECT IS:

TRAVIS G BURKE P.F. KERN-COLEMAN & COMPANY P.O. BOX 15179 SAVANNAH, GA 31416 (912) 354-8400

19 DEVELOPER LAZARETTO DEVELOPMENT, LLC 215 E. 45 TH ST SAVANNAH, GA 31405



RELEASED FOR CONSTRUCTION

PROJECT NO: 090407.00 DATE: 7/30/09 DRAWN BY: NPM

FROSION NOTES AND DETAILS

N1

Hazardous Wastes:

All bazardous waste materials will be disposed of in the manner specified by local, state, All hazardous waste materials will be disposed of in the manner specified by local, sace, and/or federal regulations and by the manufacturer of such products. The job site superintendent, who will also be responsible for seeing that these practices are follwed, will instruct site personnel in these practices. Material Safety Data Sheets (MSDS's) for each substance with hazardous properties that is used on the job site will be obtained and used for the proper management of potential wastes that may result from these products. An for the proper management of potential wastes that may result from these products. ASDS will be posted in the immediate area where such product is stored and/or used and another copy of each MSDS will be maintained in the ESPCP file at the job site construction trailer office. Each employee who must handle a substance with hazardous properties will be instructed on the use of MSDS sheets and the specific information in hte applicable MSDS for the product he/she is using. Particularly regarding spill control

The contractor will implement the Spill Prevention Control and Coutermeasures (SPCC) Plan found within this ESPCP and will train all personnel in the proper cleanup and handling of spilled materials. No spilled hazardous materials or hazardous wates will be allwoed to come in contact with stormwater discharges. If such contact occurs, the stormwater discharge will be contained on site untill appropriate measures in compliance with state and federal regulations are taken to dispose of such contaminated stormwater. It shall be the resposibility of the job site superintendent to properly train all personnel in the use of the SPCC plan.

Sanitary Wastes:

A minimum of one portable sanitary unit will be provided for every ten (10) workers on the site. All sanitary waste will be collected from the portable units a minimum of one time per week by a licensed portable facility provider in complete compliance with local and state regulations.

All sanitary waste units wil be located in an area where the likelihood of the unit All sontary waste units will be located in in the wave the blacked of the contributing to storm water discharge is negliable. Additional containment BMP's must be implemented, such as gravel bags or specially designed palstic skid containers around the base, to prevent wastes from contributing to storm water discharges. The location of sonitary waste units must be identified on the Erosion Control Plan Grading Phase, Sheet U4, by the contractor once the locations have been determined.

Sanitary Sewer will be provided by Municipal Authority/Septic System at the completion of

NO WASTE WILL BE DISPOSED OF INTO STORM WATER INLETS OR WATERS OF THE STATE.

Waste Materials:

All waste materials will be collected and stored ing securely lidded metal dumpster. The All waste materials will be collected and stored into securely indeed metal aumpster. The dumpster will meet all solid waste management regulations. All trash and construction debris from the site will be deposited in the dumpster. The dumpster will be emptied a minimum of once per week or more often if necessary and trash will be houled as required by local regulations. No costruction waste will be buried onsite.

All personnel will be instructed on proper procedures for waste disposal. a notice stating An personnel will be instructed on proper procedures for waste disposal. a notice sto these practices will be posted at the jabsite and the contractor will be responsibly for seeing that these procedures are follwoed.

Spill Cleanup and Control Practices:

Local. State and manufacturer's recommended methods for spill cleanup will be clearly

Local, State and manufacturer's recommended intended in spin accuracy will be made available to site personnel.
 Material and equipment necessary for spill cleanup will be kept in the material storage areas. Typical materials and equipment includes, but is not limited to brooms, dustpans, maps, rags, gloves, goggles, cat litter, sand, sawdust and properly labled plastic and metal

waste containers.

— Spill prevention practices and procedures will be reviewed after a spill and adjusted as necessary to prevent future spills.

— All spills will be cleaned up immediately upon discovery.

All spills will be reported as

required by local, State and Federal regulations.

- FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER). THE

- FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-424-6602.

- FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER (NRC) WILL BE CONTACTED WITH IN 24 HOURS AT 1-800-424-6602.

- FOR SPILLS REATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE EPD WILL BE CONTACTED WITHIN 24 HOURS.

- FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL SECONTACTED WITHIN 24 HOURS. BE CLEANED UP AND LOCAL AGENICIES WILL BE CONTACTED AS REQUIRED.

The contractor shall notify the licensed professional who prepared this plan if more than The contractor shall have the licenset professional who prepared this point in hole than 1320 gallons of petroleum is stored onsite (this includes capacities of equipment) or if any one pice of equipment has a capacity greater than 660 gallons. The Contractor will need a Spill Prevention Containment and Countermeasures Plan prepared by that licensed

Product Specific Practices:

Petroleum Based Products — Containers for products such as fuels, histographs and tars will be inspected daily for leaks and spills. This lubricants and tars will be inspected adily for leaks and spilis. This includes on-site vehicle and machinery daily inspections and regular preventative maintenance of such equipment. Equipment maintenance areas will be located away from state water, natural drains and storm water inlets. In addition, temporary fueling tanks shall have a secondary containment liner to prevent/minmize site contamination. Discharge of oils, fuels and lubricants is prohibited. Proper disposal methods will include collection in a suitable container and disposal as required by local and

sints/Finishes/Solvents - All products will be stored in tightly sealed original Points/Finishes/Solvents — All products will be stored in tightly scaled unjustice containers when not in use. Excess product will not be discharged to the storm water collection system. Excess product, materials used with these products and product containers will be disposed of according to manufacturer's enecifications and recommendations.

Concrete Truck Washing — NO concrete trucks will be allowed to wash out or ischarge surplus concrete or drum wash water onsite.

Fertilizer/Herbicieds — These products will be applied at rates that do not exceed the manufacturer's specifications or above the guidelines set forth in the crop establishment or in the GSWCC Manual for Erosion and Sediment Control in Georgia. Any storage of these materials will be under roof in sealed containers.

Building Materials — No building or construction materials will be buried or disposed of onsite. All such material will be disposed of in proper waste disposal procedures.

STORMWATER SAMPLING

SAMPLE ANALYSIS:

Storm water samples are to be analyzed in accordance with methodology and tes procedures established by 40 CFR Port 136 and the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833-8-92-001."

Storm water is to be sampled for nephelometric turbidity units (NTU) at the outfall location. A discharge of storm runoff from disturbed areas where best management practices have not been properly designed, installed, and maintained shall constitute a separate vialation for each day on which such condition results in the turbidity of the discharge excedding 50, the value that was selected from Appendix B in Permit No. GAR 100003. The NTU is based upon the disturbed acreage of 8.742 acres for the project site, the surface water drainage area of 9.05 acres, and receiving water which supports warm water fisheries.

Sample Type:

All sampling shall be collected by "grab samples" and the analysis of these must be conducted in accordance with methodology and test procedures established by 40 CFR Part 136 (unless other test procedures have been approved): the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833—8—92—001" and guidance documents that may be prepared by the EPD.

Per NRDES Permit 100003 "Sample containers should be labled prior to collecting the rem NPUED retrint 100000. Sample containers should be labled prior to collecting the sample. Samples should be well mixed before transfering to a secondary container. Large mouth, well-cleaned and rinsed glass or plastic jars should be used for collecting samples. The jars should be cleansed thoroughly to avoid contamination. Manual, automatic or rising stage sampling may be utilized."

Sampling Points:

There will be one storm water sampling location. Per NPDES Permit GAR 100003, for construction activities, the Primary Permittee must complete all sampling,

Appendix R was used to determine the NTU until allowable.

- Care should be taken to avoid stiring the bottom sediments in the recieving water(s)
- in the outfall storm water channel.

 The sampling container should be helid so that the opening faces upstream.

 The samplings should be kept free from floating debris.

 The Primary Permittees does not have to sample sheet flow onto undisturbed natural areas or areas stabilized by the project.

Sampling Frequency:

Storm water samples shall be taken for the following storm events:

- (a) For each area of the site that discharges to a receiving stream, the first rain event that reached or exceeds 0.5 inch and allows for monitoring during business hours *(Monday through Friday, 8:00am to 5:00pm and Saturday 8:00am to 5:00pm when the construction activity is being conducted by the Primary Permittee) that occurs after all clearing and grubbing operations have been completed in the drainage area of the location selected as the sampling location;
- clearing and grubbing operations have been completed in the aralinage area of the location selected as the sampling location;

 (b) In addition to (a) above, for each area of the site that discharges to a receiving stream the first rain event that reaches or exceeds 0.5 inch and allows for monitoring during normal business hours* that occurs either 90 days after the first sampling event or after all mass grading operations have been completed in the drainage area of the location selected as the sampling location, whichever comes first;

 (c) At the time of sampling performed pursuant to (a) and (b) above, if BMPs are found to be properly designed, installed and maintained, no further action is required. If BMPs in any area of the site that discharges to a receiving stream are not properly designed, installed, and maintained corrective action shall be defined and implemented within 2 business days and turbidity samples shall be taken from discharges from that area of the site for each subsequent rain event that reaches or exceeds 0.5 inch during normal business hours* until the selected turbidity standard is attained, or until the post-storm event inspections determine that BMPs are properly designed, installed and maintained.

A monthly summary of the monitoring results shall be sent to Georiga Environmental Protection Division by the 15th of each month. The report summary shall include:

- The name, exact place and time of sampling or measurements
- The name(s) of the individual(s) who performed the sampling and measurements
- The date(s) analyses were performed The time(s) analyses were initiated
- The name(s) of the individuals who performed the analyses
 References and written procedures, when available, for the analytical techniques or ods used. A quality control/quality assurance program must be included in the
- written procedure
 The results of such analyses, including the bench sheets, instrument reouts, computer
 disks or topes, etc., used to determine these results
 If no qualifying events accurred within a manthly monitoring period, a report must be
 submitted stating such. Addresses are provided below:

ATTN:

Governing Agency:

Georgia Environmental Protection Division Coastal District - Brunswick Office One Conservation Way Brunswick, GA 31520 1-800-241-4113

TRAVIS BURKE Kern-Coleman & Co. 7 Mall Court Savannah, GA 31406

During the construction process of the site a detention pond will be constructed on the north east side of the site, in oder to control pollutants that will occur after construction operations have been completed. In order to dissipate the velocity of the storm water at the discharge locations riprop stone will be placed at the outlets to provide a non-erosive flow so that the natural and physical characteristics and function are maintained. The instalation of these devices may be subject to Section 404 of the Federal Clean Water Act.

RETENTION OF RECORDS

- a. A copy of all Notices of Intent submitted to EPD.
 b. A copy of the Erosion, Sedimentation and Pollution Control Plan required by this permit.
 c. The design professionals report of the results of the inspection conducted in accordance with Part IV.A.5. of this permit.
 d. A copy of all monitoring information, results, and reports required by this permit.
 e. A copy of all inspection reports generated in accordance with Part IV.D.4.a of this permit.
 f. A copy of all violation summaries and violation summary reports generated in accordance
- with Part III.D.2. of this permit. q. Daily rainfall information collected in accordance with Part IV.D.4.a.(1)(c) of this permit.

NSPFC TIONS:

Primary Permittee

- 1) Each day when any type of construction activity has taken place at a primary permittee's site, qualified personnel provided by the primary permittee's site, qualified personnel provided by the primary permittee shall inspect (a) all areas at the primary permittee's site where petroleum products are stored, used or handled for spills and leaks from vehicles and equipment; (b) all locations at the primary permittee's site where vehicles enter or exit the site for evidence of off-site sediment tracking; and (c) measure rainfall once each twenty-four hour period on the site. These inspections must be conducted until a Notice of Termination is submitted.
- 2) Qualified personnel (provided by the primary permittee) shall inspect at least once 2) Qualified personnel (provided by the primary permittee) shall inspect at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches or greater the following; (a) disturbed areas of the primary permittee's construction site that have not undergone final stabilization; (b) areas used by the primary permittee for storage of materials that are not exposed to precipitation that have not undergone final stabilization; and (c) structural control measures. Erosion and sediment control measures identified in the Plan applicable to the primary permittee's site shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures that are effective in preventing significant impacts to receiving. water(s). For areas of a site that have undergane final stabilization, the permittee must comply with Part IV.D.3.a. (3). These inspections must be conducted until a Notice of
- Qualified personnel (provided by primary permittee) shall inspect at least once pe 30 Qualified personnel (provided by primary permittee) shall inspect at least once permonth during the term of this permit (i.e. until a Notice of Termination is received by EPD) the areas of the sites that have undergone final stabilization. These areas shall be inspected for evidence of, or the potential for, pollutants entering the drainage system and the receiving water(s). Erosion and sediment control measures identified in the Plan shall be observed to ensure they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control
- points are accessible, they shall be inspected to describin whether evaluation control measures are effective in preventing significant impacts to receiving water(s).

 Based on the results of each inspection, the site description and the pollution prevention and control measures identified in the Erosion, Sedimentation and Pollution Control Plan, the Plan shall be revised as appropriate not later than seven (7) colended days following each inspection. Implementation of such changes shall be made as soon agys rollowing each inspection. Implementation of any changes are act of a spectical but in no case later than seven (7) calendor days following each inspection. The primary permittee must amend the Plan in accordance with Port IV.D.3.b.(4). when a secondary permittee notifies the primary permittee of any Plan deficiencies.

 A report (i.e. not individual inspection forms) summarizing the scope of each
- 5) A report (i.e. not individual inspection forms) summarizing the scope of each inspection and the names of personnel making each inspection, the date(s) of each inspection, major observations relating to the implementation of the Erosian, Sedimentation and Pollution Control Plan and actions taken in accordance with Part V.A.S.a.(4) of the permit shall be made and retained at the site or be readily available at a designated alternate location until the entire site or that portion of a construction project that has been phased has undergone final stabilization and a Notice of Termination us submitted to EPD. Such reports shall identify any incidents of non-compliance. Where the report does not identify any incidents of non-compliance, the reports all contain a certification that the facility is in compliance with Erosian, Sedimentation and Pollution Control Plan and this permit. The report shall be signed in accordance with Part V.G. of this permit. cordance with Part V.G. of this permit.

Secondary Permittee (See List of Permittees this sheet)

- 1) Each day when any type of construction has taken place at a secondary permittee's site, qualified personnel provided by the secondary permittee shall inspect: (a) all oreas used by the secondary permittee shall inspect: (a) all oreas used by the secondary permittee where petroleum products are stored, used or handled for spills and leaks from vehicles and equipment; and (b) all locations at the secondary permittee site where that permittee's vehicles enter or exit the site for evidence of off-site sediment tracking. These inspections must be conducted until a Notice of Termination is submitted. This paragraph is not applicable to utility contractors if they are secondary permittees performing only service line installations.
- 2.) Qualified personnel (provided by the secondary permittee) shall inspect at least one every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 every seven (7) calendar days and within 24 hours of the end of storm data is an inches or greater the following; (a) disturbed areas of the primary permittee's construction site that have not undergone final stabilization; (b) areas used by the primary permittee for storage of materials that are not exposed to precipitation that primary permittee for storage of materiols that are not exposed to precipitation that have not undergone final stabilization; and (c) structural control measures. Leosion and sediment control measures identified in the Plan applicable to the primary permittee's site shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures that are effective in preventing significant impacts to receiving water(s). For areas of a site that have undergone final stabilization, the permittee must
- water(s). For areas of a site that have undergone final stabilization, the permittee must comply with Part IV.D.3.b.(3). These inspections must be conducted until a Notice of Termination is submitted. This paragraph is not applicable to utility companies and utility contractors if they are secondary permittees performing only service line installations. S) Qualified personnel (provided by secondary permittee) shall inspect at least once per month during the term of this permit (i.e. until a Notice of Termination is received by EPD) the areas of the sites that have undergone final stabilization. These areas shall be inspected for evidence of, or the potential for, pollutants entering the drainage system and the receiving water(s). Erosion and sediment control measures identified in the Plan shall be observed to ensure they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s). This
- points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s). This paragraph is not applicable to utility companies and utility controctors if they are secondary permittees performing only service line installations.

 1) Based on the results of each inspection, the secondary permittee must notify the primary permittee within 24 hours of any suspected BMP design deficiencies. The primary permittee must evaluate whether these deficiencies exist within 48-hours of such not and if these deficiencies are found to exist must arrend the Plan in accordance with Part IV.C. of this permit to address those deficient BMPs within seven (7) days of being notified by the secondary permittee. When the Plan is amended, the primary permittee must notify and provide a copy of the amendment to all affected secondary permittee(s) within this seven (7) day period. The secondary permittees must implement only new requirements offecting their site(s) within 48-hours of notification by the primary
- A report (i.e. not individual inspection forms) summarizing the scope of each 5) A report (i.e. not individual inspection forms) summarizing the scope of each inspection and the names of personnel making each inspection, the date(s) of each inspection, major observations relating to the implementation of the Erosian, Sedimentation and Pollution Control Plan and actions taken in accordance with Part V.A.S.b.(4). of the permit shall be made and retained at the site or be readily available at a designated alternate location until the entire site or that portion of a construction project that has been phased has undergone final stabilization and a Notice of Termination us submitted to EPD. Such reports shall identify any incidents of non-compliance. Where the report does not identify any incidents of non-compliance, the reports shall contain a certification that the facility is in compliance with Erosian, Sedimentation and Pollution Control Plan and this permit. The report shall be signed in accordance with Part V.G. of this permit.). This paragraph is not applicable to utility accordance with Part V.G. of this permit.). This paragraph is not applicable to utility companies and utility contractors if they are secondary permittees performing only service line installations.

An "Erosion & Sedimentation Inspection and Maintenance Report" sheet is attached. Should inspection reveal any deficiencies, a copy of the report shall be sent to

ATTN: TRAVIS BURKE Kern-Coleman & Co. 7 Mall Court ah. GA 31406 912-354-8400

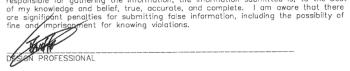
DTE: THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.

DESIGN PROFFESIONAL 7-DAY VISIT CERTIFICATION

I Certify the site was in compliance with the ES&PC Plan on the date of inspection
GSWCC LEVEL II DESIGN PROFESIONAL CERTIFICATION #
Inspection revealed the following discrepancies from the ES&PC Plan.

These deficiencies must be addressed immediately and a re—inspection scheduled. Work shall not proceed on the site until design Professional Certification is obtained.

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system design to assure that qualified personnel properly gather and the information submitted. Based on my inquiry of the person or persons who mange the system, or those persons directly responsible for gothering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there



ANY AMENDMENT TO THE EROSION CONTROL PLANS WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESIONAL

CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED. PROVIDES FOR THE SAMPLING OF THE RECIEVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VIST TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION.



DATE OF INSPECTION:

GSWCC CERTIFICATION #8134

SECONDARY PERMITTEES

NOTE: THIS MASTER LIST TO BE COMPLETE AND SIGNED. KEPT IN THE ON

SECONDARY PERMITTEE'S SIGN WHEN RECEVING PLANS. ALL SECONDARY PFRMITTEES MUST SUBMIT SECONDARY NOI AT LEAST 14 DAYS PRIOR TO BEGINING CONSTRUCTION

NAME: COMPANY: ADDRESS: ADDRESS:	PHONE: FAX:
GSWCC LEVEL IA CERTIFICATION NO. SIGNATURE	
NAME: COMPANY: ADDRESS: ADDRESS:	PHONE: FAX:
COMCC LEVEL IN CERTIFICATION NO	and and deliverance. Here

I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECIEVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE EMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100003.

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VIST TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION.



SIGNATURE

GSWCC CERTIFICATION # 8134

NOT FOR CONSTRUCTION

DRAWN BY:

8

Coleman
Engineers • Land Surve

2 0 5

No. 11261

No. 31215

QF

'ÔR VELOPMENT,

AZARETTO

PLANS OF IMPROVEMENTS TYBEE MARINA FOR XZARETTO DEVELOPMENT,

RELEASED FOR CONSTRUCTION ATE.

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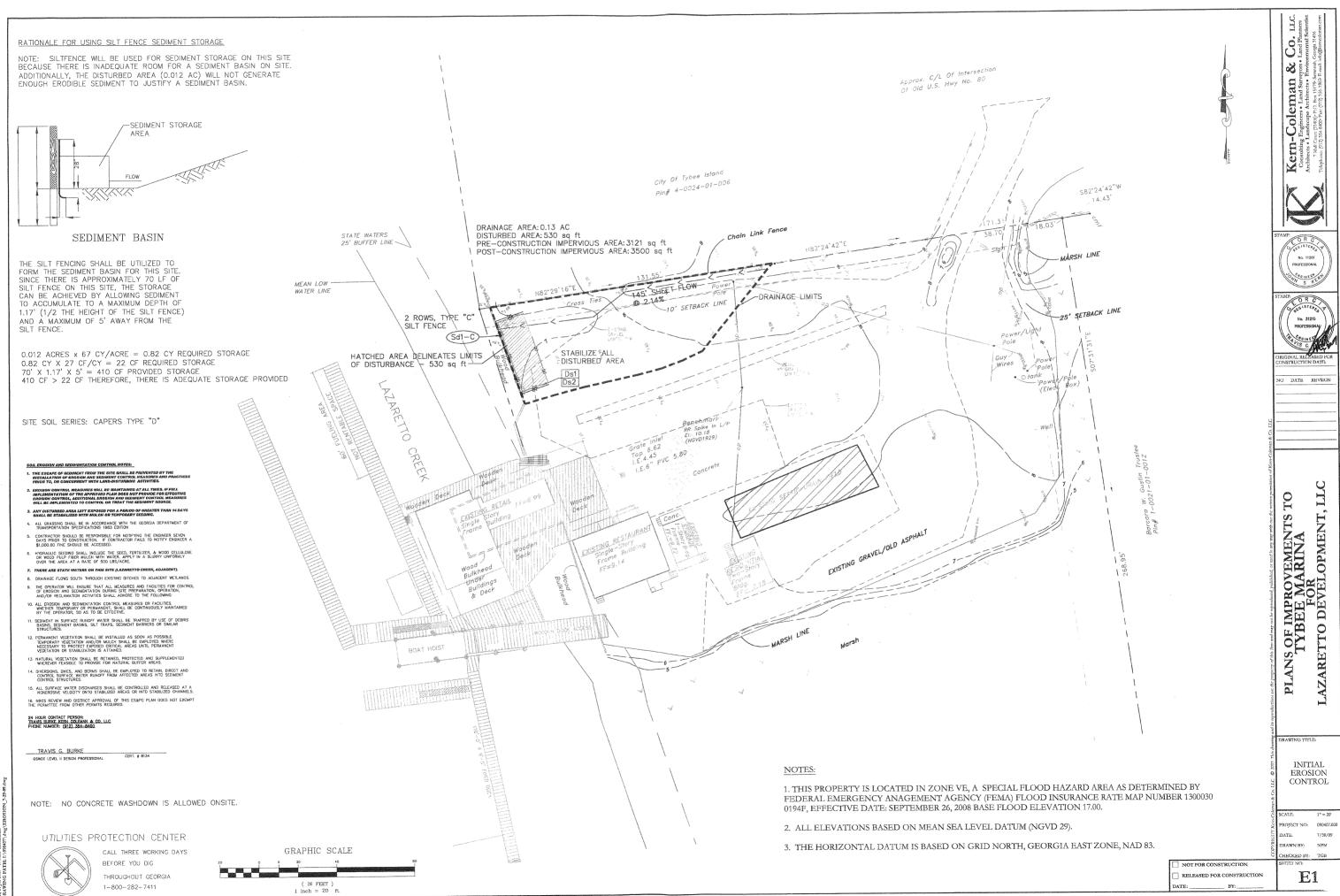
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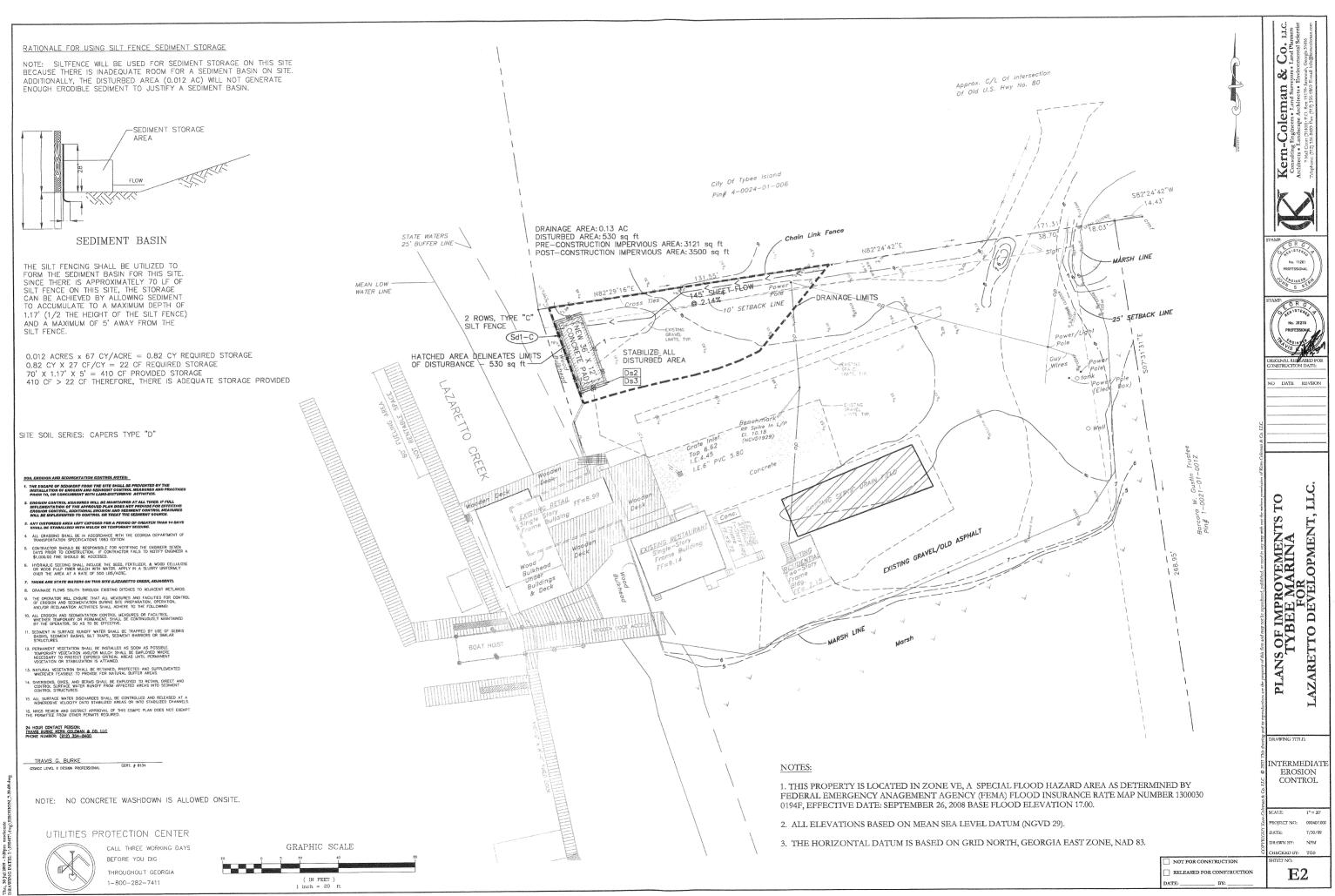
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