

REGIONAL REVIEW NOTIFICATION

Atlanta Regional Commission • 229 Peachtree Street NE | Suite 100 | Atlanta, Georgia 30303 • ph: 404.463.3100 fax: 404.463.3205 • atlantaregional.org

DATE: October 24, 2018 ARC REVIEW CODE: V1810241

TO: Mayor Lois D. Salter, City of Berkeley Lake
ATTN TO: Pat Chapman, Deputy City Administrator
FROM: Douglas R. Hooker, Executive Director, ARC

Digital signature Original on file

The Atlanta Regional Commission (ARC) has received the following proposal and is initiating a regional review to seek comments from potentially impacted jurisdictions and agencies. The ARC requests your comments related to the proposal not addressed by the Commission's regional plans and policies.

Name of Proposal: RC-18-01BL 3926 North Berkeley Lake Road

Review Type: Metro River MRPA Code: RC-18-01BL

<u>Description:</u> An application for a Metropolitan River Protection Act (MRPA) Certificate for the construction of a new single-family residence.

<u>Preliminary Finding:</u> ARC staff has begun the review of the application for a MRPA Certificate for this proposed project in the Chattahoochee River Corridor. ARC's preliminary finding is that the proposed project is consistent with the Chattahoochee Corridor Plan.

<u>Submitting Local Government</u>: City of Berkeley Lake

<u>Land Lot:</u> 298 <u>District:</u> <u>Section:</u> 6 **Date Opened:** October 24, 2018

Deadline for Comments: November 3, 2018

Earliest the Regional Review can be Completed: November 5, 2018

THE FOLLOWING LOCAL GOVERNMENTS AND AGENCIES ARE RECEIVING NOTICE OF THIS REVIEW:

ARC COMMUNITY DEVELOPMENT CHATTAHOOCHEE RIVERKEEPER GWINNETT COUNTY CITY OF JOHNS CREEK

ARC NATURAL RESOURCES
GEORGIA CONSERVANCY
FULTON COUNTY

GEORGIA DEPARTMENT OF NATURAL RESOURCES
NATIONAL PARK SERVICE/CRNRA
CITY OF PEACHTREE CORNERS

If you have any questions regarding this review, please contact Robert Herrig at Rehrig@atlantaregional.org or (470) 378-1636. If ARC staff does not receive comments from you on or before November 3, 2018, we will assume that your agency has no additional comments and will close the review. Comments by email are strongly encouraged. The ARC review website is located at: http://www.atlantaregional.org/land-use/planreviews.

Attached is information concerning this review.

ARC STAFF NOTICE OF REGIONAL REVIEW AND COMMENT FORM

DATE: October 24, 2018 ARC REVIEW CODE: V1810241

TO: ARC Community Development and Natural Resources Managers

FROM: Robert Herrig, 470-378-1636

Reviewing staff by Jurisdiction:

<u>Community Development:</u> Herrig, Robert <u>Natural Resources:</u> Santo, Jim

Name of Proposal: RC-18-01BL 3926 North Berkeley Lake Road

Review Type: Metro River

<u>Description:</u> An application for a Metropolitan River Protection Act (MRPA) Certificate for the construction of a new single-family

residence.

Submitting Local Government: City of Berkeley Lake

Date Opened: October 24, 2018

Deadline for Comments: November 3, 2018

Earliest the Regional Review can be Completed: November 5, 2018

Response:

- 1) Proposal is CONSISTENT with the following regional development guide listed in the comment section.
- 2) While neither specifically consistent nor inconsistent, the proposal relates to the following regional development guide listed in the comment section.
- 3) The proposal is INCONSISTENT with the following regional development guide listed in the comment section.
- 4) The proposal does NOT relate to any development guide for which this division is responsible.
- 5) Staff wishes to confer with the applicant for the reasons listed in the comment section.

COMMENTS:	

APPLICATION FOR METROPOLITAN RIVER PROTECTION ACT CERTIFICATE

Owner(s) of Rec	ord of Property to be	Reviewed:	
Name(s):V	Vallace and Erin Hanson	AND ALL OF THE PARTY OF THE PAR	
Mailing Ad	dress: 3044 Adriatic Co	ourt	
City: Peach		State: GA	Zip:30071
Contact Pho	one Numbers (w/Area	Code):	
Daytime	Phone: 770-271-5772	<u> </u>	
Other N	umbers:		
Applicant(s) or A	Applicant's Agent(s):		
Name(s):_B	oundary Zone, Inc. / Jake	Hodge, Alisa Pinero, Greg Dear	1
Mailing Ad	dress: 4195 South Lee Str	reet, Suite I	<u>.</u>
City: Buford		State: GA	Zip:30518
Contact Pho	one Numbers (w/Area	Code):	
	Phone: 770-271-5772		
Other N	umbers: 770-330-3374		
Description ———— Property Descri	of Proposed Use: Con	Residence FKA River Hollow Sunstruction of Proposed Single Family Description and Vicinity Manual Proposed Single Family Description and Vicinity Manual Proposed Single Family	ly Residence
Description Property Description Land Lot(s)	of Proposed Use: Con ption (Attach Legal I), District, Section, Co	nstruction of Proposed Single Famil	ap): Gwinnett County
Property Descri	of Proposed Use: Con ption (Attach Legal I), District, Section, Co	nstruction of Proposed Single Fami Description and Vicinity Manual Proposed Single Fami Description and Vicinity Manual Proposed Single Fami	ap): Gwinnett County
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B. Ha bo Co If		erty in this applicativiously received a ceal? the use(s), the review	ion, or any right-of rtificate or any oth CMS- videntification nur	f-way or easement
7. How W A. Se I I B. Pu	'ill Sewage from this D ptic tank	Development be Trea No Ith septic tanks, the a h department appro	application must inval for the selected	
Vulnerabili Category	ty Total Acreage (or Sq. Footage)	Total Acreage (or Sq. Footage) Land Disturbance	Total Acreage (or Sq. Footage) Imperv. Surface	Percent Percent Land Imperv. <u>Disturb. Surf.</u> (Maximums Shown In Parentheses)
Α _	N/A			(90) <u> </u>
В	14,269	11,415	8,561	(80) 80 (60) 60
C _	58,996	41,297	26,548	(70) <u>(45)45</u>
D .	N/A			(50)0(30)0
	138,524	41,557	20,778.6	(30) 30 (15) 15
E	- 22			
E F	N/A			(10) <u>0</u> (2) <u>0</u>

9.	Is any of this Land within the 100-Year Floodplain of the Chattahoochee River?
	If "yes", indicate the 100-year floodplain elevation: 895.5
	NOTE: For this review, river floodplain is determined from the U.S. Army Corps of
	Engineers' "Floodplain Information - Chattahoochee River, Buford Dam to
	Whitesburg, Georgia", November, 1973 and its Supplement of March, 1982.
	NOTE: All river 100-year floodplain is assigned to the "E" Category; its allowable
	allocations can be combined with those of other "E" land in the review. Also, 100-
	year floodplain cannot be reanalyzed and cannot accept transfers.
	year moodplain cannot be realityzed and cannot accept transfers.
10.	Is any of this land within the 500-year floodplain of the Chattahoochee River?
10.	If "yes", indicate the 500-year flood plain elevation: 904.5
	NOTE: Plan Standards include a 35-foot height limit above the pre-construction
	grade within the 500-year floodplain (includes the 100-year floodplain).
	Adherence to this standard must be noted on the submitted plans (see Part
	2.B.(4) of the Chattahoochee Corridor Plan).
11.	
	application. Individual items may be combined.
	R ALL APPLICATIONS:
	_ Description of land in the application and any additional land in the project (attach legal
	description or surveyed boundaries).
_<	Name, address, and phone number(s) of owner(s) of record of the land in the application.
	(Space provided on this form)
✓	Written consent of all owners to this application. (Space provided on this form)
V	Name, address, and phone number(s) of applicant or applicant's agent. (Space provided
	on this form)
	·,
V	Description of proposed use(s). (Space provided on this form)
	_ Description of proposed assets). (Space provided on this form)
V	Existing vegetation plan. *(See Erosion Control Plan)
	_ Dasting regetation plan.
✓	Proposed grading plan. ** (See Grading Plan)
-	_ 1 Toposcu grading plan. (See Glading Plan)
1	Cartified as builts of all avisting land disturbance and impagious surfaces
_	_ Certified as-builts of all existing land disturbance and impervious surfaces.
	Annual analog contact alog
-	_Approved erosion control plan.
, ,	
	_ Detailed table of land-disturbing activities. (Both on this form and on the plans)

_	Plat-level plan showing (as applicable): lot boundaries; any other sub-areas; all easements and rights-of -way; 100- and 500-year river floodplains; vulnerability category boundaries; topography; any other information that will clarify the review.
_	Documentation on adjustments, if any.
_	Cashier's check or money order (for application fee).
FOR	SINGLE-STEP APPLICATIONS (NON-SUBDIVISION): Site plan.
	Land-disturbance plan.
FOR	TWO-STEP SINGLE-FAMILY SUBDIVISION APPLICATIONS ONLY: Concept plan.
	Lot-by-lot and non-lot allocation tables.
12.	I (we), the undersigned, authorize and request review of this application for a certificate under the provisions of the Metropolitan River Protection Act: (use additional sheets as necessary)
4	10.30.17 10/30/20/7
13.	I (we), the undersigned, authorize and request review of this application for a certificate under the provisions of the Metropolitan River Protection Act:
	Signature(s) of Applicant(s) or Agent(s) Date
14.	The governing authority of the City of Berkeley Lake requests review by the Atlanta Regional Commission of the above-described use under the Provisions of the Metropolitan River Protection Act.
	Pat Chape Oz/oz/2018 Signature of Chief Elected Official or Official's Designee Date

Legal Descrption River Hollow Subdivision Phase II

All that tract or parcel of land lying and being in land lot 298 of the 6th land district, City of Berkeley Lake, Gwinnett County, Georgia, and being more particularly described as follows:

To reach the TRUE POINT OF BEGINING commence at the intersection of the northerly right-of-way line of Bush Road (an 80' R.O.W.) and the westerly right-of-way line of Berkeley Lake Road (said right-of-way line being 50' from the center line of Berkeley Lake Road). Proceed thence northerly and easterly along said right-of-way line of Berkeley Lake Road for a distance of 1571.46', as indicated on a plat of the "Berkeley Lake Ridge" subdivision Unit! One by McNally, Patrick & Cole, Inc. dated 4/26/82 and recorded in Plat Book 24, Page 137 at Gwinnett County superior Court Records, to a point marked by a 1/2" open top pipe found on the northerly right-of-way line of Berkeley Lake Road and the TRUE POINT OF BEGINNING.

From said TRUE POINT OF BEGINNING proceed thence North 35°41'10" West, leaving the northerly right-of-way line of Berkeley Lake Road, for a distance of 996.42 feet to a point marked by a 1" rebar on the southerly bank of the Chattahooche River; proceed thence North 58°01'19" East for a distance of 200.42 feet to a point on the southerly bank of the Chattahooche River; proceed thence South 35°41'10" East, for a distance of 1086.12 feet to a point on the northerly rightof-way line of Berkeley Lake Road (a 50' R.O.W. at this point); proceed thence South 76°07'23" West, along the northerly right-of-way line of Berkeley Lake Road, for a distance of 60.99 feet to a point on the northerly right-of-way line of Berkeley Lake Road; proceed thence South 74°53'55" West, along the northerly right-of-way line of Berkeley Lake Road for a distance of 153.15 feet to a point on the northern right-ofway line of Berkeley Lake Road (at which point said right-of-line changes to 50' from the center line of the road) ; proceed thence North 35°41'10" West to a point marked by a 1/2" open top pipe on the northerly right-of-way line of Berkeley Lake Road, and the TRUE POINT OF BEGINNING.

Said tract or parcel of land contains 4.862 acres or 211789 square feet (including all easements and buffers) and is a part of the lands, now or formerly, of Robert J. and Jacquelyn A. Henderson as described as parcel no. 2 in deed book 5730, page 168 Gwinnett County Superior Court Records and is bounded on the southwest by Lot 10-D and a Common Area of the River Hollow subdivision, on the northwest by the southerly bank of the Chattahooche River, on the northeast by the lands remaining of parcel no. 2 deed book 5730, page 168 GwinnettCounty Superior Records and on the southeast by the northerly right-of-way line of Berkeley Lake Road.

Hanson Property Reanalysis

City of Berkeley Lake

September 21, 2017

Vulnerability Factor	Factor Subg	group					Sc	ore			
Aspect:	North/Botton	nland						6			
Geology:	Biotite Gneis	SS						5			
Soils:	Low Erodibi	lity						4			
SUBTOTAL:		ř					1	5			
Hydrology:	Second-Orde Interbasin	er			5				 20		
SUBTOTAL:					20				35		
Vegetation:	Open Hardwoods		10				 20		10		
SUBTOTAL:			30				40		45	•	
Slope:	0-10%	3				3			3		
	10-25%			9				9			
TOTAL:		33		39		43		49	48		
CATEGORY:		В		C		C		C	C		

The B category includes scores from 26 to 37 The C category includes scores from 38 to 49



ATLANTA REGIONAL COMMISSION 40 COURTLAND STREET, NE ATLANTA, GEORGIA 3030:

May 17, 2002

Honorable Lois Davis Salter, Mayor City of Berkeley Lake 650 Lakeshore Drive Berkeley Lake, Georgia 30096

RE: Metro River Review

River Hollow Subdivision Phase II

Dear Mayor Salter:

I am writing to let you know that the ARC staff has completed review of the application for a Metro River Certificate for the project known as River Hollow Subdivision Phase II that is located in the Chattahoochee River Corridor. Our finding is that the proposed land disturbing activity is consistent with the Chattahoochee Corridor Plan. No modifications are required. Please call me or Mike Alexander (404-463-3302) if you have any questions concerning the review.

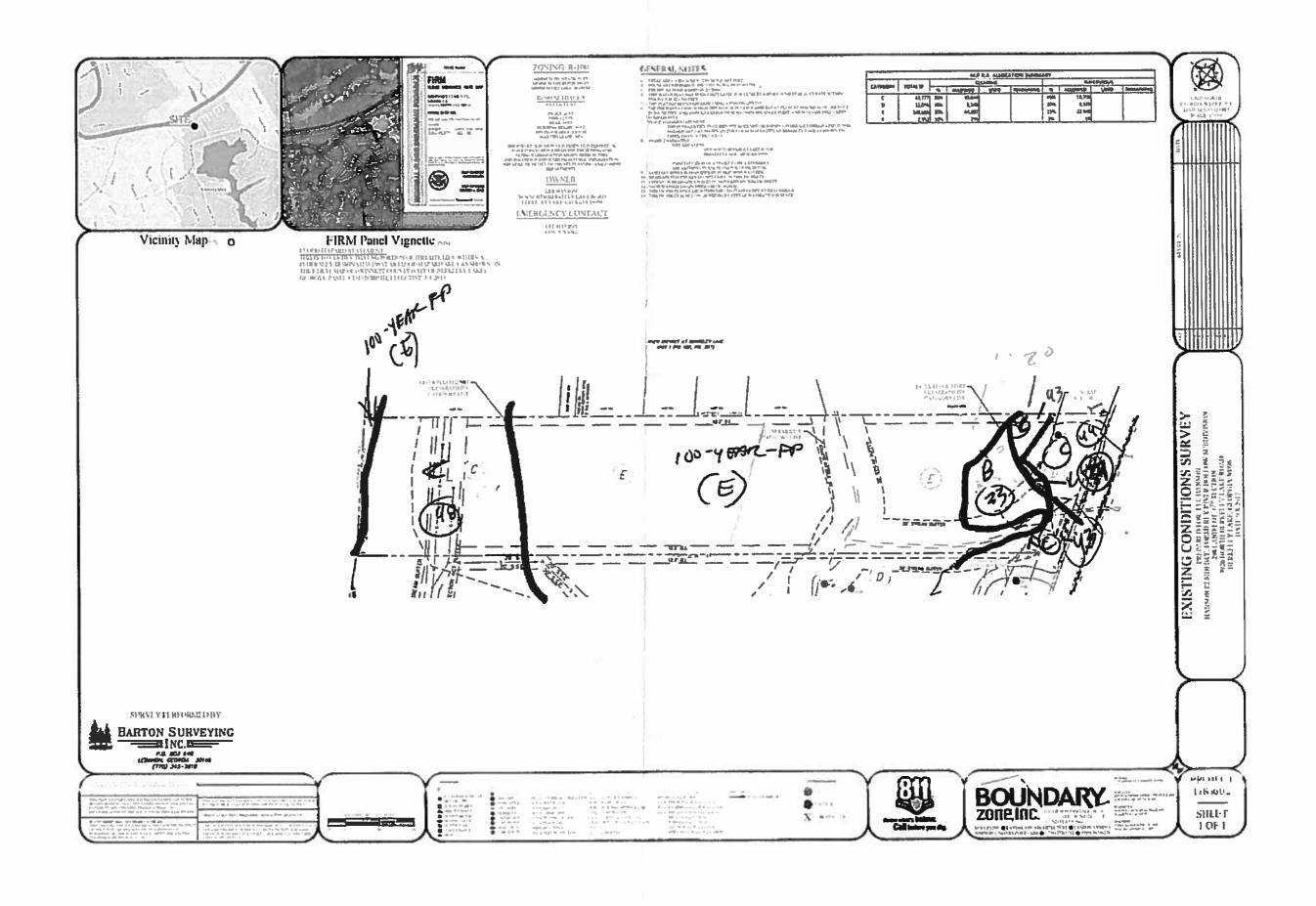
Sincerely,

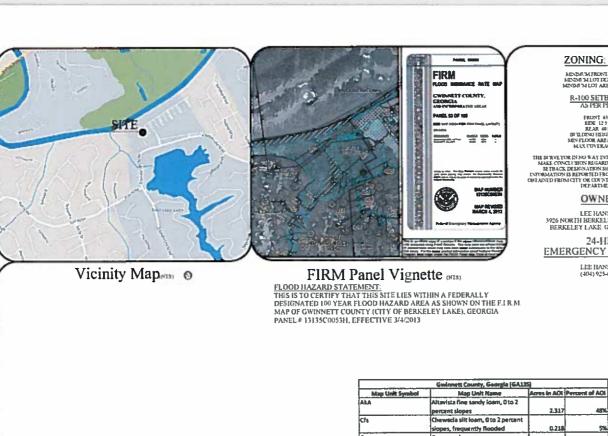
Charles Krautler

Director

Enclosures

C Charles Sewell, City of Berkeley Lake John Collins, Owner Chad Baker, Rochester & Associates





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BASIN AREA 0.08 AC

ZONING: R-100

R-100 SETBACKS

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OWNER

LEE HANSON 3926 NORTH BERKELEY LAKE ROAD BERKELEY LAKE GEORGIA 30096

24-HR **EMERGENCY CONTACT**

LEE HANSON (404) 925-6362

GENERAL NOTES

MIVER DISTRICT AT BERKELEY LAKE UNIT 1 (PB 107, PG. 267)

12 59

(E)

BASIN AREA

3.16 AC

DITAL AREA 4 NA CARES 211.79 SUR ARE FEET

BOTAL AREA 4 NA CARES 211.79 SUR ARE FEET

BOTAL AREA 4 NA CARES 211.79 SUR ARE FEET

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FRUIT OF AREA 5 SURFAN ON PANEL THIN WORLD FEET CITY 5 A 2011

SET LOCATION.

JOSE MORTH BERKLEY LAKE GROUNDS

ARC CATEGORY LINE

Wed

ENLARGEMENT: DRIVEWAY ENTRANCE

Wed

BASIN ARÉA

1.65 AC

ARC CATEGORY LINE

	M.R.P.A. ALLOCATION SUMMARY										
LATEGORY	TOTAL SP		ctr)	AJUNG AREA			IMPER	IVIOUS ARE	A.		
DATEGORY	IOIAL SP		ALLOWED	rualib	REMAINING		ALLOWED	LISED	REMAINING		
8	14,269	817%	11,415	30,161	1,254	60%	8,541	1,863	6,694		
c	58,996	70%	41,297	25,149	16,146	65%	26,543	13,800	12,748		
E	138,524	312%	41,557	26,228	15,329	15%	20,779	16,915	3,864		



GRID NORTH GEORGIA WEST ZONI DATUM NAVD 1983 SCALE: 1"=50"



EXISTING CONDITIONS SURVEY PREPARED FOR. LEE HANSON, HANSON RESIDENCE, FORMERLY PRIVER HOLLOW SUBBIVISION 3926 NORTH BREKELEY LAKE ROAD BERKELEY LAKE, GEORGIA 30006

SURVEY PERFORMED BY: BARTON SURVEYING

—≡INC.E P 0 BOX 640 LEBANON, GEORGIA 30146 (770) 345-2810

THE FLAT WAS PREPARED FOR THE EXCLUSIVE CONTINUE OF THE EXTEND TO ANY UNHAMED PERSON WITHOUT A RECERTIFICATION BY THE MUNICIPAL NAMES BALD PERSON

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ZONE, INC. LAND SURVEYING SERVICES LANDSCAPE ARCHITECTURE LAND MANNING SURVEYE'S \$\Phi LANDSCAPE ARCHITECTURE \$\Phi LAND PLANNING WWW.BULNDARYZONE COM \$\Phi (7^10) 271-5172 \$\Phi (10) 163-9226

17866.02

SHEET 1 OF 11

PROJECT

	s	EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST COMMON DEVELOPMENT CONSTRUCTION PROJECTS (Primary and Tertiary Permittees) WCD: Gwinnett County						
	Project Name:	Hensen Residence Address: 3926 North Berkeley Lake Road Berkeley Lake / Gwinnett County Date on Plans: 1/29/2018						
Plan Page II	Included Y/N	TO BE SHOWN ON ESSPC PLAN 1 The applicable Erosion, Sedimentation and Pollution Control Plan Checkist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. [The complete Checkist must be submitted with the ESSPC Plan or the Plan will not be reversed]	9	Y	20 Clearly note statement that "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 source."	34	Y	39 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following May Scale: Ground Slope Contour Interval. ft. 1 each = 1000 cr Flat 0 - 2% 0.3 or 1 larger scale: Rolling 2 - 8% 1 or 2
ALL	Y	 Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, sed, and Livel 8 number must be on such sheet personne to ESEPC Plan or the Plan all not be reviewed) 	9	Y	21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."	N/A		3800p 8% - 25 or 10 40 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to
34	Y	3 Limit of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the EPD District Office. If EPD approves the request to disturb 50 acres or more at any one time, the plan must include at least 4 of the BMPs listed in Appendix 1 of this checkint.*	9	Y	22 Indication that the applicable portion of the primary permittees ES&PC Plan is to be provided to each secondary permittee prior to the secondary conducting any construction activity and that each secondary shall sign the Plan or portion of the Plan applicable to their site. List the names and addresses of all secondary permittees.*			conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.org.
3-8	Y	(A copy of the written approved by EPD must be attached to the Plan for the Plan to the Plan to the reversibility. 4 The name and phone number of the 24-hour local contact responsible for eresisen, sedimentation and pollution	N/A	-	23 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as any portion of an Biota Impaired Stream Segment, must comply with Part III. C. of thePermit. Include the campleted Appendix 1 listing all the BMPs that will be used	N/A	-	 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manufor Erosion & Sediment Control in Georgia 2016 Edition. Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional control of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional control of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional control of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional control of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional control of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional control or 50-foot undisturbed buffers adjacent to State waters and any additional control or 50-foot undisturbed buffers adjacent to State waters and any additional control or 50-foot undisturbed buffers adjacent to State waters and any additional control or 50-foot undisturbed buffers adjacent to State waters and any additional control or 50-foot undisturbed buffers adjacent to State waters and any additional control or 50-foot undisturbed buffers adjacent to State waters and any additional control or 50-foot undisturbed buffers adjacent to State waters and any additional control or 50-foot undisturbed buffers adjacent to State waters and any additional control or 50-foot undisturbed buffers adjacent to State waters and any additional control or 50-foot undisturbed buffers adjacent to State waters and some supplication control or 50-foot undisturbed buffers adjacent to 50-foot undisturbed buffers adjacen
3-8	¥	controls. 5 Provide the name, address and phone number of the primary permittee or lertiary permittee.			for those areas of the site which discharge to the impaired Stream Segment.*	3,3,1		buffers required by the Local Issuing Authority
3,5,7	Y	6 Note total and disturbed acreage of the project or phase under construction.	3-8	Y	24 If a TMDL implementation Plan for sediment has been finalized for the impaired Stream Segment [identified in item 23 above) at least six months prior to submittal of NOL the ES&PC Plan must address any site-specific	3,5,7	*	43 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site. 44 Delineation and acreage of contributing drainage basins on the project site.
8	Y	7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.	9	Y	conditions or requirements included in the TMDL Implementation Plan.* 25 BMPs for concrete washdown of tools, concrete miles chutes, hoppers and the rear of the vehicles.	3-8 N/A	T	45 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions.*
ALL	Y	Instial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.	,	Ť	Washout of the drum at the construction site is prohibited. 26 Provide BMPs for the remediation of all petroleum spills and leaks.	N/A	\(\frac{1}{2} - \tau^2\)	46 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities completed.*
9	Y	9 Description of the nature of construction activity.	9	Y	27 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed.	N/A	(P.)	47 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges withouterosion. Identify / Delineate all storm water discharge points.
3-8	Y	10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.	9	Y	28 Description of the practices that will be used to reduce the pollutants in storm water discharges.	3-8	Y	48 Soil series for the project site and their delineation.
9	Y	11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, takes, residential areas, wetlands, marshlands, etc. which may be affected.	10	¥	29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities,	3-8	Y	49 The fimits of disturbance for each phase of construction.
9	Y	12 Design professional's certification statement and signature that the site was visited prior to development of the ESRPC Plan as stated on page 18 of the permit.	9	Y	eacavation activities, utility activities, temporary and final stabilization). 30 Provide complete requirements of inspections and record keeping by the primary permittee or tertiary permittee.	3,5,7	Y	50 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment bas retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent.
9	.1	13 Design professional's certification statement and signature that the permitter's IS&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on page 17 & 18 of the permit.	9	Y	31 Provide complete requirements of sampling frequency and reporting of sampling results.* 32 Provide complete details for retention of seconds as per Part IV.F. of the permit.			controls when a sediment basin is not attainable must be included in the plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storag not attainable must also be given. Worksheets from the Nanual must be included for structural BMPs and calculations used by the design professional to obtain the required sediment storage when using equivalen
9	¥	14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment istorage requirements and perimeter control BMPs within 7 days after installation."	3	1	33 Description of analytical methods to be used to collect and analyze the samples from each location.*			controls. When discharging from sediment basins and impoundments, permittees are required to utilize ou structures that withdraw water from the surface, unless inleasable. If outliet structures that withdraw water from the surface are not leasable, a written justification explaining this decision must be included in the pla
9	Y	15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the furisdictional Determination Line without first acquiring the necessary	N/A	-	34 Appendix B rationale for NTU values at all outfall sampling points where applicable.* 35 Delaneate all sampling locations if applicable, perennial and Intermittent streams and other water bodies into which storm water is discharged.*	3.8	1	51 Location of Best Management Practices that are consistent with, and no less stringent than, the Manual for Erosion and Sedment Control in Georgie. Use uniform coding symbols from the Manual, Chapter 6, with legend.
N/A	-	variances and permits." 16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.	н	Y	36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage	10	Y	52 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelin set forth in the Manual for frosion and Sediment Control in Georgia.
9	Y	12 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional.			BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the plan may combine all of the BMPs into a single phase.	10	Y	53 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, plantim dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate
9	Υ	18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit."	3-8	Y	37 Plan addresses BMPs for all phases of common development including individual building lots and out-parcels, etc. regardless of who owns or operates the individual sites. Include a typical and any situational lots			of year that seeding will take place and for the appropriate geographic region of Georgia. *This requirement of the Common Development permit is not applicable to Terstary Permittees with a Plant
9	¥	19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."	34	Ť	applicable. 38 Graphic scale and North arrow.			for a typical individual lot(s), if the total land disturbance within the construction site is less than five (5) ac and the total land disturbance within each individual lot is less than one (1) acre. If applicable, the * checklist item would be N/A. Effective January 1, 2018
								"I CERTIFY UNDER PENALTY OF LAW PREPARED AFTER A SITE VISIT TO TH DESCRIBED HERLIN HY MYSELF OR M AGENT, UNDER MY SUPERVISION

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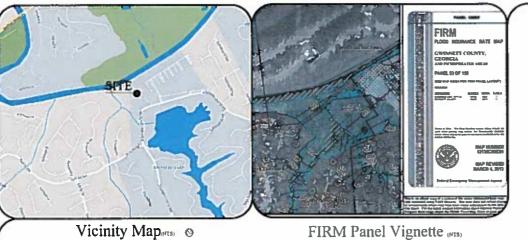




ES&PC CHECKLIST
PREPARED FOR: LEE HANSON,
OT 10-B,C,D, & COMMON AREA, RIVER HOLLOW SUBDIVISION
298 LAND LOT, 6" SECTION
3926 NORTH BERKELEY LAKE ROAD
BERKELEY LAKE, GEORGIA 30096
DATE 1/29/2018

PROJECT 17866.02

SHEET 2 OF 11



FIRM Panel Vignette (NTS)

FLOOD HAZARD STATEMENT.
THIS IS TO CERTIFY THAT THIS SITE LIES WITHIN A FEDERALLY DESIGNATED 100 YEAR FLOOD HAZARD AREA AS SHOWN ON THE F.LR.M. MAP OF GWINNETT COUNTY, GEORGIA

TOTAL AREA 210,766 SF / 4 B39 AC

DISTURBED AREA: 61,538 SF / 141 AC

ZONING: R-100

R-100 SETBACKS

THE SURVEYOR IN NO NAY INTENDE TO INTERRET MAKE CONST. ISBON BEGINDENS THE ZUNNIN AND SETBACK DESIGNATION RIGHTN HEREIN THIS INTERNATION IS REPORTED FROM IT THAT INTORNAL OBTAINED FROM CITY OR COUNTY HEADWAY AND ZO DEPARTMENTS.

OWNER

LEE HANSON 1926 NORTH BERKELEY LAKE ROAD BERKELEY LAKE GEORGIA 3009

24-HR **EMERGENCY CONTACT**

GENERAL NOTES:

TOTAL AREA AND ACTES 2011. THE SOULARE FEET BOTH DARK METERAL DIES SALES AND ACTES AND

ARRATIVE: SITE LOCATION 1926 NORTH BERKELEY LAKE BOAD BERKELEY LAKE, GEORGIA 100%

Cut/Fill Summary

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EROSION & SEDIMENT CONTROL PRACTICES

GRID NORTH

GEORGIA WEST ZON

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EROSION CONTROL MEASURES:

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BASIN AREA

3.16 AC

PHASE 2 MAINTAIN AND REPAIR EXISTING EROSION CONTROL MEASURES

PHASE 3 REMOVE TEMPORARY EROSION CONTROL MEASURES

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DISTURBED AREA.	61,538 SF= 1.41 AC
REQUIRED VOLUME	1 41 AC X 67= 94 65 CY
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EROSION CONTROL NOTES:

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SURVEY PERFORMED BY: BARTON SURVEYING

■■■ INC.■■

LEBANON, GEORGIA 30146 (770) 345-2810

SITE NOTES:

DISTITUBED AREA 61.518.5F (1.41) ACRES

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PRIOR TO LAND DISTURBING ACTIVITIES. THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION MEETING WITH THE AREA EROSION CONTROL INSPECTOR.

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ARC CATEGORY LINE

BASIN AREA 0.08 AC

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GREGORY L. DE ON, LEVEL II DESIGN PROFESSIONAL # 15699

PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED

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- 100- YR FLOOD LIMIT

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ZONE, INC. LAND SURVEYING SERVICES LANDSCAPE ARCHITECTURE LAND MANDEN.

17866.02

SHEET 3 OF 11

FOR THE FIRM

OUNDARY ZONE, D

PROJECT

ES&PC PLAN
PREPARED FOR: LEE HANSON,
SIDENCE, FORMERLY RIVER HOLLOW SU
298 LAND LOT, 6¹¹ SECTION
3926 NORTH BERKELEY LAKE ROAD
BERKELEY LAKE, GEORGIA 30096
DATE LOADING

CLEARING

PHASE SECTION OF

FIRM Panel Vignette (MTS)

FLOOD HAZARD STATEMENT.
THIS IS TO CERTIFY THAT THIS SITE LIES WITHIN A FEDERALLY DESIGNATED 100 YEAR FLOOD HAZARD AREA AS SHOWN ON THE FIRM MAP OF GWINNETT COUNTY, GEORGIA

GENERAL NOTES

ZONING R-100

R-100 SETBACKS

THE SURVEYOR IN NO WAY INTENDS TO DYTERFREE
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OWNER

LEE HANSON 3925 NORTH BERKELEY LAKE ROAD BERKELEY LAKE, GEORGIA 30096

24-HR **EMERGENCY CONTACT**

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1926 NORTH BERKELEY LAKE ROAD
REPARELEY LAKE, GEORGIA 19696

Cut/Fill Summary

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Totals

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CONSTRUCTION OF A RIVER FARM, PREMIENCE

EXECUTION OF A RIVER FARM, PREMIENCE

EXECUTION OF A RIVER FARM, PREMIENCE

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EROSION & SEDIMENT CONTROL PRACTICES

DS2 DS211 RBED AREA STABLEZATEN (WITH TEASURAN) SEEDING ESTABLISH A TEASURAN VEGETATIVE COVER WITH FAST GROWING SEEDINGS ON SEXTURED AREAS

EROSION CONTROL MEASURES:

PHASE 1 INSTALL ALL EROSION CONTROL MEASURES

PHASE 2 MAINTAIN AND REPAIR EXISTING EROSION CONTROL MEASURES

PHASE 3 REMOVE TEMPORARY EROSION CONTROL MEASURES

Sd4-A SEDIMI	ENT STORAGE
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REQUIRED VOLUME	0 47 AC X 67 = 31 33 C1

EROSION CONTROL NOTES:

- EROSION CONTROL NOTES

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SURVEY PERFORMED BY



BARTON SURVEYING

INC. LEBANON, GEORGIA 30145 (770) 345-2810

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BASIN AREA

1.65 AC

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ZONE, INC. LAND SURVEYING SERVICES LANDSCAPE ARCHITECTURE LAND FLAND FLA

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

GREGORY E. DEAN LEVEL II DESIGN PROFESSIONAL # 18699

GRID NORTH

GEORGIA WEST ZONI

DATUM NAVD 1983 SCALE: 1"=30"

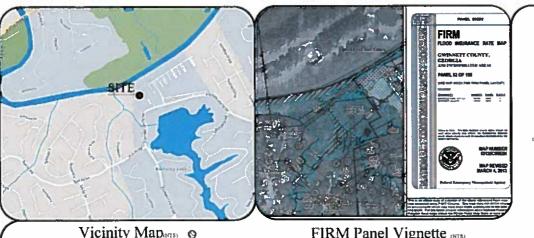
ES&PC PLAN
PREPARED FOR. LEE HANSON,
SIDENCE, FORMERLY RIVER HOLLOW SU
298 LAND LOT, 6"1" SECTION
3926 NORTH BERKELEY LAKE ROAD
BERNELEY LAKE, GEORGIA 30096
DATE 1/29/2018

CLEARING PHASE

FOR THE FIRM BOUNDARY ZONE, IN

PROJECT 17866.02

SHEET 4 OF 11



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FIRM Panel Vignette (NTS)

FI.OOD HAZARD STATEMENT: THIS IS TO CERTIFY THAT THIS SITE LIES WITHIN A FEDERALLY DESIGNATED 100 YEAR FLOOD HAZARD AREA AS SHOWN ON THE FIRM MAP OF GWINNETT COUNTY, GEORGIA

TOTAL AREA: 210,766 SF / 4 839 AC

DISTURBED AREA: 61.538 SF / 141 AC

ZONING: R-100

R-100 SETBACKS

FRONT 65 FT MIDE: 12.5 FT REAR, 40 FT BITLDING HITGHT 35 FT MEN FLOOR AREA, 2,000 SF MAX COVERAGE, 50%

THE SURVEYOR IN NO WAY EXTENDS TO INTERPRET OF MARE CONFICTION AS GARDING THE ZOSING AND SETBACK DESIGNATION SHOWN INTERPORT THE INTORNATION IS REPORTED FROM IN THE VICTORIATION OF A CONTROL FLANNING AND ZON DEPARTMENTS.

OWNER

LEE HANSON 3926 NORTH BERKELEY LAKE ROAD BERKELEY LAKE, GEORGIA 30

24-HR EMERGENCY CONTACT

GENERAL NOTES:

TOTAL AREA 4 M2 ACRES / 211,789 SU/ANE FEET BOUNDARY REFERENCE: DB 53331, PG 842, PH 85, PG 286

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ARRATIVE: SITE LOCATION 1926 NORTH BERKELEY LAKE ROAD BERKELEY LAKE, GEORGIA 19896

Cut/Fill Summary IONE E 1.000

Totals

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EROSION & SEDIMENT CONTROL PRACTICES

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EROSION CONTROL MEASURES:

PHASE I INSTALL ALL EROSION CONTROL MEASURES

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BASIN AREA

3.16 AC

PHASE 2 MAINTAIN AND REPAIR EXISTING EROSION CONTROL MEASURES.

PHASE 3 REMOVE TEMPORARY EROSION CONTROL MEASURES

EROSION CONTROL NOTES:

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TOTAL ASEA 4002 ACRES / 211 700 SQUARE FEET

BOUNDARY REFERENCE DB 53731, PG 862, PB 81, PG 78 FELDWORK PERFORMED ON 227014



SURVEY PERFORMED BY: BARTON SURVEYING ■ INC.

P.O. BOX 540 LEBANON, GEORGIA 30146 (770) 345-2810

Se la S

DISTUTIBITO AREA 41.538 SE / 1.413 ACRES

1 FGEND

PROPERTY CURNER POLICE AS NOTED A

CSE EXISTEN) WATER, SEWER AND GAS CONNECTIONS

PRIOR TO LAND DISTURBING ACTIVITIES. THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION MEETING WITH THE AREA EROSION CONTROL INSPECTOR.

100-YR FLOOD LIMIT -

ARC CATEGORY LINE

BASIN AREA 0.08 AC

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SITE NOTES:

PRIOR TO LAND DISTURBING CONSTRUCTION, THE CONTRACTOR BHALL STEEPALE A PROCONSTRUCTION ADMINISTRANT WITH HIS SITE REVISIONED IN SMITCHEN ADMINISTRANT BOUND TO THE LATER OF SMITCHEN ADMINISTRANT BOUND TO THE LATER OF SMITCH SITE OF SMITCH STANDARDS AND SMITCHEN FOR SMITCH SITE SMITCH BOUND TO THE SMITCH STANDARD SMITCH SITE SMITCH BOUND TO THE SMITCH SMITCH SMITCH BOUND TO THE ACT OF SMITCH SMITCH BOUND TO THE SMITCH SM

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TREE LEGEND

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TREE NOTES:

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GREOORY L. DEAN, LEVEL II DESIGN PROVESSIONAL # 13699

PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED

12.59

THIS SURVEY WAS MADE WITHRAT THE BENEFIT OF A CLERENT 111 IS CONDITIONED EAST DESTE AND ENGINE FROM THE SURVEY AND BURBENT THIS PROPERTY.

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16943.85 sq. Pt. 367.16 Cu. Yd. 135.73 Cu. Yd. 231.43 Cu. Yd. Cut:

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- 100-YR FLOOD LIMIT

ARC CATEGORY LIN





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MATCHLINE

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GRADING PHASE

PLAN

ES&PC

GRID NORTH GEORGIA WEST ZONE DATUM NAVD 1983 SCALE 1"=30"

Vicinity Map_{Mts} o

FIRM Panel Vignette (PTS)

FLOOD HAZARD STATEMENT.
THIS IS TO CERTIFY THAT THIS SITE LIES WITHIN A FEDERALLY DESIGNATED 100 YEAR FLOOD HAZARD AREA AS SHOWN ON THE F.I.R.M. MAP OF GWINNETT COUNTY, GEORGIA PANEL # 13135C0053H, EFFECTIVE 3/4/2013

ZONING: R-100

R-100 SETBACKS AS PER PLAT

THE SURVEYOR IN NO WAY INTENDS TO INTERPRET O MAKE CONCLUSION REGARDING THE ZONASO AND SETBACE DESIGNATIONS BOOWN HEREON THE INFORMATION IS REPORTED FROM IT BLIC INFORMATI ORIGINAL PROMICTEY OR CINATE PLANNING AND ZON DEPARTMENTS.

OWNER

LEE HANSON 3926 NORTH BERKELEY LAKE ROAD BERKELEY LAKE GEORGIA 30090

24-HR EMERGENCY CONTACT

(M14)-

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GENERAL NOTES:

TOTAL AREA 485 ACRES 2017 PR BY LARE FEET
2 BOYNDARY REFERENCE, DE 3103. FM MC, PM 63, PM 236
3 FOLLOWING PRINTANESS DO 3.2 2036
4 THIS MAP OR PLAT HAS SELECT CARCULATED FOR CLOSINE AND IS FOUND TO BE ACCURATE WITHOUT OF FOOT IN CAST OF FEET
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STELOCATION
1976 NORTH BERKELEY LAKE ROAD
BERKELEY LAKE, GEORGIA 100%

DEBATES I LAKE, GEORGIA 19996

CONSTRUCTION OF A BACGLE FAMILY RESIDENCE SEE ARCHITECTURAL FLANS FOR MARK DETAIL

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EROSION & SEDIMENT CONTROL PRACTICES

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EROSION CONTROL MEASURES:

PHASE 1 INSTALL ALL EROSION CONTROL MEASURES

PHASE 2 MAINTAIN AND REPAIR EXISTING EROSION CONTROL MEASURES

PRIASE 1. REMOVE TEMPORARY EROSION CONTROL MEASURES.

Sd4-A SEDIM	ENT STORAGE
DRAINAUE AREA	20,366 SF= 0.47
REQUIRED VOLUME	0-47 AC X 67= 31 33
#4 X 1.127 SF X 2 FT D	EPTH = 31 39 CY

Cut/Fill Summers

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Totals			16943.85 \$q	. Pt.	367.16 Cu. Yd.	135.73 Cu. Yd.	231.43 Cu. Yd. <cut></cut>

EROSION CONTROL NOTES:

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PERMANDED POWER FOR THAT PHASE. CONTACT SITE DESPECTION DEPARTMENT UPON CONFLICTION OF LANDSCAPE
DEVALLATION.

SURVEY PERFORMED BY:

BARTON SURVEYING INC.

P.O. BOX 540 LEBANON GEORGIA 30146 (770) 345-2810

OTAL AREA 4 M2 ACRES / 211 790 SQUARE PERT

C COPTRICATION BURNDARY CURL BY THE DRAWING AND ITS REPRODUCTIONS ARE THE PROPERTY OF THE SENSITION AND BACK WAY WE REPRESENDED. IT IS LIGHTLY WAS WAY WAY WITHOUT THE WRITTEN PERCESSION OF THE SENSITION.

BOUNDARY REFERENCE DB 53151, PG NC, PB 61, PG 245 FELDWORK FERFORMED ON 2-2/2014

THE FIELD DATA 17:CH WHICH THIS MAP OF PLAT IS BASED CLOSINE PRECISION OF CHE YOUT SY 20,701 FEET, AND AN ERROR OF OUR CENTS FEE AND I PRINT AND WAS ADJUST USEN CORPARE IN LE



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'I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION *

GREGORY E DEAR, LEVEL II DESIGN PROFESSIONAL # 13699

575° 36' 02"W

SHEET 6 OF 11

GRID NORTH

GEORGIA WEST ZONE

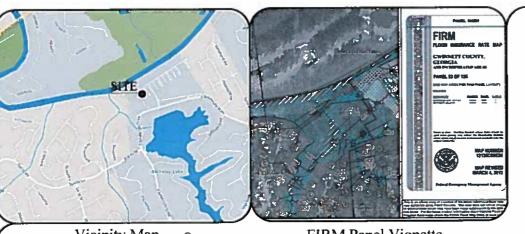
DATUM NAVD 1983 SCALE 1 = 30'

ES&PC PLAN
PREPARED FOR. LEE HANSON,
PRESIDENCE, FORMERLY RIVER HOLLOW SU
298 LAND LOT, 6¹¹¹ SECTION
3926 NORTH HERKELEY LAKE ROAD
BERKELEY LAKE, GEORGIA 30096
A. NYEL 1740118 HANSON

> GRADING PHASE



PROJECT 17866.02



FIRM Panel Vignette (NTS) Vicinity Map_(NTS) Ø

FLOOD HAZARD STATEMENT.
THIS IS TO CERTIFY THAT THIS SITE LIES WITHIN A FEDERALLY DESIGNATED 100 YEAR FLOOD HAZARD AREA AS SHOWN ON THE FIRM MAP OF GWINNETT COUNTY, GEORGIA PANEL # 13135C00531L EFFECTIVE 3/4/2013

> TOTAL AREA: 210.766 SF / 4 839 ΛC DISTURBED AREA: 61,538 SF / 1.41 AC

EROSION CONTROL NOTES:

- EROSION CONTROL NOTES:

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TOTAL AREA 4 M2 ATRES / 211 799 SQUARE FEET

ZONING: R-100

R-100 SETBACKS AS PER PLAT

FRONT 41 FT SIDE, 12 5 FT REAR, 40 FT BITLDING HEIGHT 35 FT MIN FLOOR AREA, 2,000 SF MAX COVERAGE 10%

THE SURVEYOR BY NO WAY INTENDS TO INTERPRET OF MAKE CONCIL SIGN REGARDING THE ZONNO AND STEED, DESIGNATION SHOWN HEREON THE INFORMATION IS REPORTED FROM IT BLIC INFORMATIO OFFAINED FROM CITY OR CONTITY PLANNING AND ZON DEPARTMENTS.

OWNER

LEE HANSON

24-HR EMERGENCY CONTACT

LEE HANSON (404) 925-6362

r		CONSTRUCTION LEGEND								
	<u>c</u>	CONSTRUCTION EXIT								
	Cw	CUNCRETE WASHINGWN								
	(0)	CONSTRUCTION OF NEW HOUSE								
	(2)	CONSTRUCTION OF PORCHES, POOL, & POOL DECK								
	(C3)	CONSTRUCTION OF DRIVEWAY & PARKING COURT								
	5A	STAGING AREA FOR DUMPSTER, PORTABLE TOILETS, MATERIAL STORAGE AND STOCKPILE AREAS								

Du DUST CONTROL AREA AND WASH STATION

188

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(1)"

ARC CATEGORY LINE

CHA

BASIN AREA 0 08 AC

GENERAL NOTES:

- GENERAL POLICS.

 1 TOTAL AREA 4 MATACRES (21) THE ROYAGE FEET

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 3 BOXNORARY REFERENCE 1 ES 3330, FOI SAC, THE RE, FOI THE RESPONDED TO BE ACCURATE

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Cut/E	Cut/Fill Summary					
Name	Cut Factor	Fill Factor	2d Area	Çut	F111	Het
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Totale			16943.85 Sq. Pt.	367.16 Cu. Yd.	135.73 Cu. Yd.	231.43 Cu. Yd. <cut></cut>

TOUS YR FLOOD LIMIT ARC CATEGORY LIN

E 8963

EROSION & SEDIMENT CONTROL PRACTICES

- DS3
 DISTURBED AREA STABILIZATION (WITH PERALLINENT VEGET ATTON) ESTABLISH
 PERALASINT VEGET ATTOE COVER SICTILAS TRIES, SHRURR, VINSE, GRASSES,
 SOOD OR LEGI JAIS ON DISTURBED AREAS.
- DISTURBED AREA STABIL BY ATTON (WITH CERTIFIED SCO) ESTABLISH PERMANENT VEOLTATIVE COVER WITH SOD CLT TO DESIRED SIZE WITHIN (PNA AND PLANTED WITHEN SHIFT AND OF DIXING SUD TO BE PLANTED ACCORDING TO COLOUT REQUIREMENTS

EROSION CONTROL MEASURES:

PHASE 1 INSTALL ALL EROSION CONTROL MEASURES

PILASE 2 MAINTAIN AND REPAIR EXISTING EROSION CONTROL MEASURES

PHASE 1 REMOVE TEMPORARY EROSION CONTROL MEASURES

POST-CONSTRUCTION IMPERVIOUS AREA

AREA	Sq.Ft.
LOTAREA	210,765
DRIVEWAY	11,701
HOUSE	11,043
PARKING COURT	3,687
POOLW/POOLDECK	2,016
FRONT PORCH W/STEPS	796
REAR PORCHES	789
PORTICO	685
LOGGIA	656
WEST PORCH & STOOPS	430
DETACHED GARAGE	401
WALLS	216
EAST PORCH	158
	32,578

TITTAL COVERAGE

(%)

BASIN AREA

3.16 AC

- 715 TO R O W. OF NORTH BERKELEY LAKE ROAD

CONCRETE DRIVEWAY

12.50

12.58

15%

GRID NORTH GEORGIA WEST ZONI DATUM NAVD 1981 SCALE: 1°930

CHLINE * ES&PC PLAN
PREPARED FOR: LEE HANSON,
SIDENCE, FORMERLY RIVER HOLLOW SU
298 LAND LOT, 6¹¹¹ SECTION
3926 NORTH BERKELEY LAKE ROAD
BERKELEY LAKE, GEORGIA 30096
DATE LYQUORS

FINAL PHASE

SURVEY PERFORMED BY:



P.O. BOX 640 LEBANON, GEORGIA 30146 (770) 345-2810



O PROPERTY CE

CHERRICAL WATER STATE

\$153TV RHED AREA 61,534 SE / 1 413 ACRES

10P: 898 96 | COP: 898 96 | COUT 881 48

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TREE NOTES:

- 1 ANY DEMOLITION WITHEN THE CRETICAL ROOT 20YES TO BE DONE BY HAND INDIREAVY MACHINERY ALLOWED IN THE CIRIC AREAS
- 2 DO NUT TRENCH IN THE SILT FENCE WITHIN THE DRIFT LINE OF ANY TRIES IT OF HATBLESS ANY REMOVAL OF DEBRIS WITHIN THE CARRYAL RIVER ZONG OF THE TRIES WALL BE DONE BY HAND NO HEAVY MACIENTRY ALL OWED WITHIN THE C.R.Z.
- 3 NO TRUES ARE TO BE DESTROYED DURING DEMOLITION NO CUT OR FILL OF EARTH WITHEN THE CRZ OF AN EXISTEND TRUE.





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E CIETTRIGHT 2014 - BULT/DARY ZUNE, BYC.
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FERLESSENT UNITED SERVICION.

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12" REBAR WITH CAP
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SITE NOTES:

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FOR STEUCTURAL BOOT LONG
FOR STEUCTURAL ROOT HATS
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4+ im+ BOLLOW OL MYTT ETENYLLEN

(S) HARDWIND TREE # PINE TRUE

TREE LEGEND

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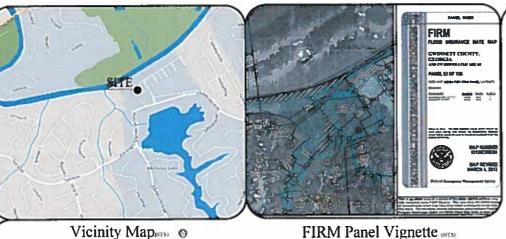


SURVEYING & LANDSCAPE ARCHITECTURE & LAND PLANNING WWW.BOLINDARYZONE.COM & (770) 271-5772 & (919) 363-9226

SHEET 7 OF 11

PROJECT

17866.02



FIRM Panel Vignette (sets)

FLOOD HAZARD STATEMENT.
THIS IS TO CERTIFY THAT THIS SITE LIES WITHIN A FEDERALLY
DESIGNATED 100 YEAR FLOOD HAZARD AREA AS SHOWN ON
THE FIRM MAP OF GWINNETT COUNTY, GEORGIA PANEL # 13135C005311, EFFECTIVE 3/4/2013

ZONING R-100

R-100 SETBACKS AS PER PLAT

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OWNER

LEE HANSON 3926 NORTH BERKELEY LAKE ROAD BERKELEY LAKE GEORGIA 300%

24-HR **EMERGENCY CONTACT**

GENERAL NOTES

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- DERRICE FULLAR, LECURIA 1999

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EROSION & SEDIMENT CONTROL PRACTICES

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FREMANENT VEGETATIVE COVIES WITH SOON IT TO DESIRED SIZE WITHEN SPANNER, AND THAT SHE WITH SAND THAT SHE WITH SAND THAT SHE WITH SAND THAT SHE WITH SAND THAT SHE

EROSION CONTROL MEASURES:

PHASE I INSTALL ALL EROSION CONTROL MEASURES

PHASE 2 MAINTAIN AND REPAIR EXISTING EROSION CONTROL AT ASSURES.

PHASE 1 REMOVE TEMPORARY EROSION CONTROL MEASURES



GRID NORTH

DATUM NAVD 1983 SCALE 1"=30"

EROSION CONTROL NOTES:

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- LANDSCAPEN ALT FILE PROTECTION EXPLICACIO FOR E EXPLICITED DAILLY AND REPARRED OR REPLACED AS NEEDED A DIVINE ANNO RED BURNARY SUNTANY FACILITIES SIMIL NOT HE LOCALITANCE OF COCCUMNCY OF DIVINE PROTECTION AND A STREET OR THE PROTECTION AND A COMMISSION OF REPLACED OR STREET OR TRIE PROTECTION AND A CR

- DIAGREES ANDOR TEACHERS'S SUSTANT AND SHALL REFRE AWAY FROM THE LIFE AT DAY STREET OR THE PROTECTION AREA OR RIGHT OF WAY. NO GRUED SHOTES BRALL EXCEED BY A AND SHALL REFRE AWAY FROM THE RULDS OF THE RULDS OF THE RESERVE AND SHADED THE EXCEPT AND ADDRESS OF THE SHALL REFRES SUBJECT ROOM THE SHIP SHALL REFRES FROM THE SHADED THE SHALL REFRES FROM THE SHADED THE SHADED THE SHADED THE SHADED THE SHADED WITH THE SH

- DESIGNS AND SERVED CONTROL MEASURES SHALL BE DESPECTED AT LEAST WERKLY, AFTER EACH RAIN AND REPARED
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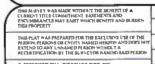
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BOUNDARY REFERENCE DISSISSING PG MC, HE M, PU 26 FREEDWORK PREFERENCE ON 202014

SURVEY PERFORMED BY

BARTON SURVEYING INC.

P.O BOX 640 LEBANON, GEORGIA 30146 (770) 345-2810



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THIS MAP OR PLAT HAS BEEN CALCULATED FOR CLOSURE AND FOUND TO BE ACCURATE WITHIN ONE FOOT IN 621-701 FEET. ESTE HOUSE A DICEST CHARGEN MEDICAN DESCRIPTION CONTRACTOR THE FEELD BATA I THIN WHICH THIS MAP OF MAT IS BASED IN COUNTRY PRECISION OF DINE FROT IN 294,791 FRET, AND AND PRIOR OF 92 SECONDS FEE ANNEX FORNT AND WAS ADRIVED 12504 COREASS RILE.

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"I CERTIFY UNDER PENALTY OF LAW THAT THIS HAN WAS

GREGORY L DEAN LEVEL II DESIGN PROFESSIONAL # 136/9

PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

17866.02 SHEET 8 OF 11

PROJECT



ES&PC PLAN
PREPARED FOR; LEE HANSON,
RESIDENCE, FORMERLY RIVER HOLLOW SU
208 LAND LOT, 6" SECTION
3926 NORTH BERKELEY LAKE ROAD
BERKELEY LAKE ROAD
BERKELEY LAKE, GEORGIA 30096

FINAL PHASE



HAZARDOUS WASTE NOTES:

- ALL HAZARDORIS WASTE MATERIALS SHALL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL STATE AND OR FEDERAL REGULATIONS AND BY THE MANIFACTURER OF SICH PRODUCTS. THE AND SITE SUPERINTENDENT. WILD WILL BE RESIDENCED FOR SEEDING THAT THESE PRACTICES ARE POLLOWED. WILL INSTRUCT PREMONEL IN THESE PRACTICES, MATERIAL SAFETY DATA SHEETS (ISSUS) FOR EACH SUBSTANCE WITH HAZARDOUS PROTERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTE THAT HAY RESULT FROM THESE PRODUCES AN MISSO WILL BE DED IN THE INSEDIATE AREA WHERE PRODUCTS ARE STORED ANDOR USED AND ANOTHER COPY OF THE MSDS WILL BE MANATAINED IN THE SEARCE THE AT THE JOBSTE CONSTRUCTION TRAILER OFFICE (FACIL EMPLOYEE WIND MIST HANDLE A SHIBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE THE USED OF MSDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT HEYSHE IS USING, PARTICULARLY REGARDING SPILL CLEANUP TECHNIQUES
- 2 THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTERMEASURES (SPICE) PLAN FOUND IN THIS ISSAIPC AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS NO STILLED HAZARDOUS MATERIALS WILL BE ALLOWED TO COME IN CONTACT WHILI STORMWATER DISCHARGES IF SUCH CONTACT OCCURS. THE STORMWATER DISCHARGE WILL BE CONTAINED ONSITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN TO DISCOSE OF SUCH CONTAINMATED STORMWATER IT STALL BE THE RESPONSIBILITY OF THE 70H SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF SICC PLAN

SANITARY WASTE NOTES:

- 1 ALL SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS, AS NECESSARY, BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, OR AS REQUIRED BY LOCAL REGULATIONS. A MINIMIM OF OF ONE HORT ABLE SANITARY WASTE WILL BE PROVIDED FOR EVERY TEXTION WORKERS ON THE SITE ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMIMA OF ONE THAT FRE WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLIANCE WHITH COCA, AND STATE REQUIRATIONS
- 2 ALL SANITARY WASTE UNITS WILL BE LOCATED IN AN AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORMWATER DISCHARGE IS NEGLUBILE. ADDITIONAL CONTAINMENT BIAP'S MUST BE IMPLEMENTED, SUCH AS GRAVEL BAGS OR SPECIAL DESIGN PLASTIC SKID CONTAINERS AROUND THE BASE TO PREVENT WASTE FROM CONTRIBUTING TO STORMWATER DISCHARGES.

SPILL PREVENTION NOTES:

PRACTICES SUCH AS GOOD HOUSEKEEPING, PROPER HANDLING OF HAZARDOUS PRODUCTS AND PROPER SPILL CONTROL PRACTICES WILL BE FOLL OWED TO REDUCE THE RISK OF SPILLS AND SPILLS FROM IDSCHARGEN INTO STORM WATER RUNOFF

GOOD HOUSEKEEPING:

- 1. QUANTITIES OF PRODUCTS STORE ONSITE WILL BE LIMITED TO THE AMOUNT NEEDED FOR THE JOB
- 2 PRODUCTS AND MATERIALS WILL BE STORED IN A NEAT, ORDERLY MANNER IN ATTROPRIATE CONTAINERS PROTECTED FROM RAINFALL, WHERE POSSIBLE
- 3 PRODUCT WILL KEEP IN ORIGINAL CONTAINER WITH MANUFACTURER LABELS LEGIBLE AND VIJUBLE
- 4 PRODUCT MIXING, DISPOSAL, AND DISPOSAL OF PRODUCT CONTAINERS WILL BE ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS
- 5 THE CONTRACTOR WILL INSPECT SUCH MATERIALS TO ENSURE PROFER USE. STORAGE AND DISPUSAL

PRODUCT SPECIFIC PRACTICES:

PETROLEUM BASED PRODUCTS - CONTAINED FOR PRODUCTS SUCH AS FIRE LUBRICANTS AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON SITE VEHICLE AND MACHINERY DAILY INSPECTION AND REGULAR MAINTENANCE OF SUCH EQUIPMENT EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATER NATURAL DRAINS AND STORM WATER DRAINAGE IN ETS IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO TREVENTAINMIZE SITE CONTAINATION DISCLARGE OF OILS, FIRELS AND LUBRICANTS IS PROBLEMED. PROPER DISTOSAL METHODS WILL DECLURE OF LIFE OF MAINTENED BY LOCAL AND STATE REGULATIONS.

PAINT/FINISHES/SOLVENTS - ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM, EXCESS PRODUCT, MATERIALS USED WITH HIESE PRODUCTS AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURES SPECIFICATIONS AND RECOMBERDATIONS.

CONCRETE TRUCK WASHING- NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURFULS CONCRETE FOR DRUCK WASH WATER ONSITE THE WASH DOWN OF CONCRETE TOOLS, CONCRETE MARKE CHUITES, HOPTERS AND REAR OF VEHICLES SHOULD ONLY BE PERFORMED IN THE DESIGNATED CONCRETE WASHOUT AREA

FERTILIZER/HERBICIDES-THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANDFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CORP ESTABLISHMENT OR IN THE GSWCC MANUAL AND SEIMENT CONTROL IN GEORGIA ANY STORAGE OF THESE MATERIALS WILL BE INDIER ROOF IN SEALED CONTAINERS

BUILDING MATERIALS- NO HOLDING MATERIALS OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ONSITE ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL PROCEDURES

RETENTION OF RECORDS

- I EACH TERTIARY PERMITTEE SHALL RETAIN THE FOILDWING RECORDS AT THE CONSTRUCTION STILLOW THE RECORDS SHALL HE READLY AVAIL ABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMBENIE MEMORY OF CONSTRUCTION UNTIL SUCH TIME AS A (N O T) NOTICE OF TERMINATION IS SUBMITTED IN ACCORDANCE WITH PART VI
- A COPY OF ALL MOTICES OF INTENT SUBMITTED TO EITD, AND
 A COPY OF THE EROSION, SEDMENTATION AND DYALL UTION CONTROL TLAN REQUIRED BY THIS PERMIT,
 CHIED DESIGN PROFESSIONAL'S REPORT OF THE RESILT IS OF THIL INSPECTION CONDUCTED IN
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 A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV D 4 € OF THIS PERMIT.
 A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN
 ACCORDANCE WITH PART III D 2 OF THIS PERMIT.
 B DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV 4 € (1) COF THIS PERMIT.

SPILL CONTROL PRACTICES

IN ADDITION TO GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP

LOCAL STATE. FEDERAL AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANIE WILL BE CLEARLY FUSTED AND PROCEDURES WILL BE MADE AVAILABLE TO ALL SITE PERSONNEL SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANIF SUPPLIES THE SPILL AREA WILL BE KEPT WILL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE CLUTHING TO MEVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE THE 24-HOXE 24-HIX REMEMBERCY CONTACT WILL BE THE SPILL RECEIVED FOR THE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANIF TRAINING THESE INDIVIDIALS WILL EACH BECOME RESTONSIBLE FOR A PARTICILAR PHASE OF PREVENTION AND CLEANIF THE PROMEMEN OF RESPONSIBLE STILL PREVENTION AND CLEANIF THE PROMEMEN OF RESPONSIBLE STILL PREVENTION AND CLEANIF THAT WILL BE THE STILL PERSONNEL WILL BE TO STED IN THE MATERIAL STORAGE AREA AND IN THE ONSITE OFFICE TRAILER

MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN ONSITE MATERIAL STORAGE AREA TYPICAL MATERIALS AND EQUIPMENT INCLUIDES, BIFT IS NOT LIMITED TO, BROUMS DISTRANS, MOIS, RAGS, GLOVES, GOGGLES, CAT LITER, SAND, SANDIST, AND PROPERT LYARELS PLASTIC AND METAL WASTE CONTAINERS

SMIL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADMISTED AS NECESSARY TO FREVENT FITTING SMILTS. THE SMILT PREVENTION IL AN WILL BE ADMISTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SMILL FROM RECOCCIRENION AND HOW TO CLEAN UP THE SMILL IF HERE IS ANOTHER FOR A DESCRIPTION OF THE SMILL IF HERE IS ANOTHER FOR A DESCRIPTION OF THE SMILL IF AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL BEGULATIONS SPILLS OF TOXIC OR HAZARDOHS MATERIAL WILL HE REPORTED TO THE ATPROVEDURES OF THIS SIZE.

FOR SPILLS THAT IMPACT SURFACE WATER CLEAVE A SHEED ON THE SURFACE WATER) THE NATIONAL HE SPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24-10XIRS AT 1 (800)-424-8802 WWW NRC USCO MIL.

FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC.) WILL BE CONTACTED WITHIN 24-HOURS AT 1 (800) 424-8802. WWW.NRC USCG MIL.

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

FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRES

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 13.20 GALLONS OF PETROLEUM IS STORED ONSITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT OR PLANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 56 GALLONS THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINAIGHT AND COUNTER MEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL

TERTIARY PERMITTEE/INSPECTIONS

I EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A TERHARY PERMITTEES SHE, CERTIFIED PERSONNEL PROVIDED BY THE TERHARY PERMITTEE SHALL INSPECT. (A) ALL AREAS USED BY THE TERHARY PERMITTEE WHERE PETROLEIM PRODUCTS ARE STORED. USED ON HANDLED FOR SPILLS OR LEAKS PROM VIDICLES AND FORMEMEN, AND OR ALL LOCATIONS AT THE TERHARY SITE WHERE THE PERMITTEE STORED AND THE SETTING STATE SEDMENT TRACKING THESE INSPECTIONS MUST SECONDATED UNTIL A MOVINGE OF TERMINATION (A) OF 1) IS SUBMITTED THIS PRARAGRAPH IS NOT APTHICABLE TO UTILITY COMPANIES AND UTILITY CONTRACTORS PERFORANCE ONLY SERVICE LINE INSTALLATION.

2 CERTIFIED PERSONNEL (PROVIDED BY THE TERTIARY ITEMITTEE) SHALL INSPECT AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE FIND OF A STORM THAT ISO 3 IONE HALF) INCHES OR GREATER THE FOLLOWING (A) DISTURBED AREAS OF THE TERTIARY HERMITTEES CONSTRUCTION SITE THAT HAVE NOT UNDERGORE FINAL STABLILIZATION, (B) AREAS USED BY THE TERTIARY HERMITTEE FOR STORAGE OF MATERIALS THAT HAVE NOT UNDERGORE FINAL STABLILIZATION, (C) STRUCTHRAL CONTROL MEASURES, EROSION AND SEDMENT CONTROL MEASURES ISONED TO PRECHTATION THAT HAVE NOT UNDERGORE FINAL. STABLILIZATION, (C) STRUCTHRAL CONTROL MEASURES, EROSION AND SEDMENT CONTROL MEASURES, EROSION AND SEDMENT CONTROL MEASURES IS DESCRIPTED IN THE FLAN PICABLE TO THE THAT HAY HAVE OVERATING CORRECTLY. WHERE SCHOOL CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SORDIFICANT IMPACTS TO RECEIVISU WATERS) FOR AREAS OF A SITE THAT HAYE UNDERGORE FINAL STABLILIZATION (CONTROL MEASURES AND METHER FOR ADDRESS OF A SITE THAT HAYE UNDERGORE FINAL STABLILIZATION, THE TERMITTEE MOST CONIT.Y WITH PART IN (1) D 19 (1) THESS INSPECTIONS MIST BE CONDUCTED WATER OF THE MISTALLATION (N O 1 IS SUBMITTED THIS PRANGRAPH IS NOT ATTLICABLE TO UTILITY COMPANIES AND ITILITY CONTRACTORS PERFORMING ONLY SERVICE LINE INSTALLATION.

3 CERTIFIED PERSONNEL (TROVIDED BY THE TERTIARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS FERMIT IN &, LINTIL A MOTICE OF TERMINATION (N.O.T.) IS RECEIVED BY FIFD THE AREAS OF THEIR SITES THAT HAVE UNDERGORE FINAL STABILIZATION THESE AREAS SHALL RE INSPECTED FOR EVIDENCE OF OR THE FOTCHTHIAL FOR TVALUTANTS ENTERING HIE PRANAULE SYSTEM AND THE RECEIVING WATER(S) EROSION AND SEPIMENT CONTROL MEASURES DENTHED IN THE PLAN SHALL BE INSPECTED TO RESURE THAT THEY ARE OPERATING CORRECTLY WHERE DISCHARGE LOCATIONS OR FORTIS ARE ACCESSIBLE THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER RUSSION CONTROL MEASURES ARE EFFECTIVE IN REVEYING SIGNIFICANT IMPACTS TO RECEIVING WATER(S) THIS PARAGRAPHIS NOT APPLICABLE TO UTILITY COMPANIES AND UTILITY CONTRACTORS PERFORMING ONLY SERVICE LINE INSTALLATION

4 BASED ON THE RESILTS OF INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE TEXTIARY FROSON CONTROL IT AN, THE PLAN SHALL BE REVISED AS ATROPHATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION, INFLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.

S A REPORT STREMARZIONO THE SCOPE OF THE INSPECTION AND THE NAMEGO OF PERSONNEL MAKING FACTI
INSPECTION. THE DATE(S) OF EACH INSPECTION, MAJOR OBSERVATIONS RELATING TO THE INSPECTION OF THE STEED OF REPORT OF THE STEED OF THE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL HE ENTIRE SITE HAS
UNDERSORDE FINAL STABLIZATION AND A MOTIFE OF TERMINATION OF OLD SURBITED TO THE EXPLICATION OF THE STABLIZATION AND A MOTIFE OF TERMINATION OF OLD SURBITED TO THE EXPLICATION OF THE STABLIZATION AND A MOTIFE OF TERMINATION OF OLD SURBITED TO SURBITED THE STABLIZATION AND A MOTIFE OF TERMINATION OF THE SURBITED THE STABLIZATION OF THE SECOND OF MON-COMPLIANCE THE SECOND OF MON-COMPLIANCE OF THE STABLIZATION OF THE SECOND OF MON-COMPLIANCE OF THE STABLIZATION OF THE SECOND O

SAMPLE COLLECTION: SAMPLES WILL BE GRAB SAMPLES AND THE ANALYSIS OF THE SAMPLES WILL BE IN ACCORDANCE WITH METHOMOLOGY AND TEST PRINCEDURES ESTABLISHED BY ACCER PART IN SAMBLES WILL BE COLLECTED USING PROPER STORM WATER SAMPLE GUIDANCE DOCUMENT. EPA 835-892-001" AS REPERENCED IN THE NATIONAL POLLITION DISCHARGE ELIMINATION SYSTEM PERMIT GENERAL PERMIT IN 6 GARIOGOS!

SAMPLE BOTTLES WILL BE LABELED PRIOR TO COLLECTING SAMPLES

I SAMPLES WILL BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER
2 LARGE MOUTH, CLEAN AND RINSED GLASS OR PLASTIC TARS WILL BE USED FOR COLLECTING SAMPLES THE
TARS WILL BE CLEANSED FROM THE LABORATORY AND USED ONCE AND DISCARDED
1 MANIVAL, AUTOMATIC AND RISING STAGE SAMPLES WILL BE USED SAMPLES WILL BE MANALYZED WITHIN 45
IGURES OF COLLECTION SAMPLES COLLECTED USING AUTOMATIC SAMPLES WILL BE CALECTED THE NEXT
BUSINESS DAY AND IMMEDIATELY ANALYZED FOLLOWING THE PROCEDURES DESCRIBED ABOVE

OTHER NOTES:

- OTHER NOTES:

 1 THERE ARE WATERS OF THE STATE ON OR WITHIN 200 FEET OF SUBJECT SITE.

 1 DETERMINATION OF DISCHARGE INTO IMPAIRED STREAM OR WITHIN 1 LINEAL MILE UISTREAM OF WATERSHED NOT APPLICABLE.

 1 TERTHARY PERMITTEES ARE NOT REQUIRED TO SAMPLE IF LESS THAN 5 ACRES DISTURBED OF RECEIVING WATERSHED NOT APPLICABLE.

 2 RECEIVING WATERS FOR SUBJECT SITE IS EXISTING STORMWATER FOR SUBJEVISION. WHICH DISCHARGES INTO TREBUTARIES OF CHARTAHOOCHEE RIVER.

 3 HYDROLGOUS TOUTH PERMITTANES OF CHARTAHOOCHEE RIVER.

 4 HYDROLGOUS TUTOY PREPARED AT THE THING OF SUBJEVISION LAND DISTURBANCE PLAN IN CONCRETE THE WATERS OF THE OF SUBJEVISION THAND DISTURBANCE PLAN IN CONCRETE WATERS OF THE OF SUBJECT SOON THE STREAM OF THE WATERS OF SOME BUSINESS SHALL NOT BE CONCRETE CLEANUP OR WASHOUTH OF ANY KIND IS PROHIBITED ON SUBJECT SITE UISE APPROVED CONCRETE WASHOUTH AREAS.

 2 DOUST CONTROL IS REQUIRED BY USE OF WATER TRUCK OR BRIGGATION.

 3 ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED INCLESSARY AFTER OR-SITE INSPECTION OF CUMPATIVATIA.

 3 AMENIMAEMIS AND VAN REVISIONS TO THE RESONOR AND SEDIMENT CONTROL PLAN THAT HAVE SIGNIFICANT EFFECT ON BUT'S SUBJECT ON THE CONTROL AND STORMED THE STREAM OF A WORKEN ON AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED INCLESSARY AFTER OR-SITE INSPECTION OF CUMPATIVATIA.

 3 AMENIMAEMIS AND VAN REVISIONS TO THE RESONOR AND SEDIMENT CONTROL PLAN THAT HAVE SIGNIFICANT EFFECT ON BUT'S SITH A HYDRAULIC COMMONENT MUST BE REVIEWED AND CENTRED BY DESIGN PROFESSIONAL.

THE DESIGN PROFESSIONAL WHO PREPARED THE ESAPE PLAN IS TO INSTECT THE INSTALLATION OF THE INITIAL SEDMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BAPPS WITHIN TO DAYS AFTER INSTALLATION." NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT

*NON-EXEMPT ACTIVITES SHALL NOT BE CONDUCTED WHITEIN THE 25 OR 50-FOAT UNDISTURBED STREAM BEFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE BECESSARY VARIANCES AND PERMITS *AMENDMENTAREVISIONS TO THE ESSARY TIAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPS WITH A HYDRAULIC CONFUNENT MUST BE CENTIFIED BY THE DESIGN PROFESSIONAL *WASTE MATERIAL S SHALL NOT BE DESIGNARED TO WATERS OF THE STATE EXCEPT AS AUTHORIZED BY A SECTION 40-FREMIT *HE STATE EXCEPT AS AUTHORIZED BY A SECTION 40-FREMIT *HE STATE EXCEPT AS AUTHORIZED BY A SECTION 40-FREMIT *HE STATE EXCEPT AS AUTHORIZED BY A SECTION 40-FREMIT *HE STATE EXCEPT AS AUTHORIZED BY A SECTION 40-FREMIT *HE STATE EXCEPT AS AUTHORIZED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES **

"EROSION CONTROL MEASURES WILL HE MAINTAINED AT ALL TIMES IF FULL EROSION CONTROL BEASONES WILL BE NOTIFICATED IT AND IF TO ILL TIMES IF TO ILL BRIDGE THE EROSION CONTROL ADDITIONAL EROSION AND SEZAMENT CONTROL MEASURES SHALL BE BRIT EMPLOYED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILED AND WITH MALCH FOR TEMPORED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILED WITH STABILED AND THE SEZAMENT SECTION OF THE SEZAMENT SECTION.

SITE NARRATIVE.
THIS EROSION, SEDIMENT AND POLLUTION CONTROX, ILAN HAS BEEN PREPARED FOR THE
CONSTRUCTION OF A SINGLE FAMILY DWELLING THE SUBJECT IS LOCATED WITHIN AN
ANTROVED SUBDIVISION WITH A NOT THE DAND IS NOW UNDER TERTIARY FERMITTEE. THE USE OF SDI-C SILT FENCE, Co (CONSTRUCTION EXIT) AND VEGETATIVE MEASURES ARE TO BE INSTALLED AS SHOWN OR DEEMED NECESSARY FOR PROTECTION

I certify under penalty of law that this Plan was prepared after a site visit to the locations described herein by myself

I certify that the pertruiter's Erosson, Sedimentation and Pollution Control Plan provides for an appropriate and comprehensive system of Beat Management Practices required by the Georgia Water Quality Control Act and the document Palasaul for Eroson and Sediment Control in Georgia (Matria) published by the State Soil and Water Conservation Commission as of January 1 of the year in which the Lind-liststring activity was permitted, provides for the sempling of the storm water outfalls and that the designed system of Sen Management Practices an sampling methods as expected to meet the requirements contained in the General NPDES Permit No. GAR 100003

It certify that the permittee's Erosson, Sedimentation and Pollution Control Plan provides for the mountering of (a) all personnal and intermittent streams and other water bodies as flow on the USGS topographic map and all other field verified personnal and intermittent and other water bodies or (b) where are such specific identified personnal or intermittent stream and other water body is not proposed to be sampled. I have determined in my professional judgment, subtring the factors required in the General NPDES Fermit No. GRA (10000), that the increase in the arbeitage of an openific identified amplied receiving g vaster will be representative of the increase in the turbulary of a specific identified un-sampled treeving the stream of the proposal properties destribed un-sampled treeving the proposal properties destribed un-sampled treeving the properties of the propertie

10/23/18 LEVEL II DESIGN PROFESSIONAL No. 13699

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ES&PC NOTES
PREPARED FOR. LEE HANSON,
D, & COMMON AREA, RIVER HOLLOW SU
298 LAND LOT, 6¹¹ SECTION
3926 NORTH BERKELEY LAKE ROAD
BERKELEY LAKE, GEORGIA 30096
DATE LOGONS Į,

If CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PRIPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIED HERCIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION *

GREGORY L. DEAN, LEVEL II DESIGN PROFESS ONAL # 136%

PROJECT

17866.02

THIS PLAT WAS PREPARED FOR THE LICELISTY LISE OF THE

C COTTRICTO 14 - BOUNDARY ZONE, INC.
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OF AS SHEED ON ANY WAY WITH SIT THE WRITTEN
PERSONSELY OF THE SIX-PUT AND WITH SIT THE WRITTEN
PERSONSELY OF THE SIX-PUT AND

BOUNDARY REPRESENCE DB 53331, PO 402, PB 25, PG 248 FIRE DWINE, PERFORMED ON 2-2-2016

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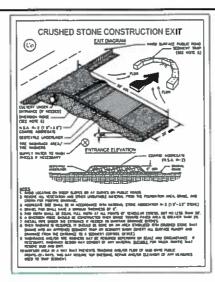


SHEET 9 OF 11

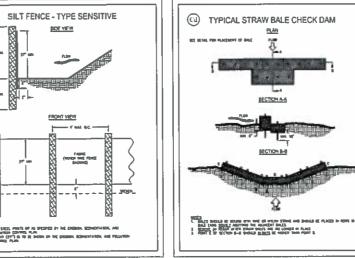
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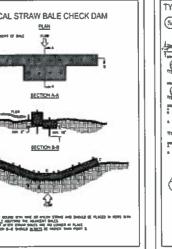
NOTE TEMPURARY STABILIZATION (ART CHING ONLY) WHEN SEERING WILL NOT HAVE A STATABLE CROWNING MAY BE ACCOMPLISHED WITH STRAIN OR HAY 5-21 ? TUNS ACRE WORN WASTE BARK, SANIAT 1-3-7 DEEP, CANTROX 6-97 TUNS ACRE

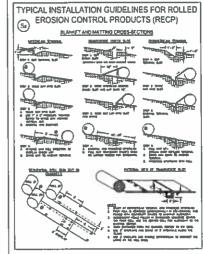
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TEMPORARY SEDIMENT TRAP

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(SJ4-A)

Ds1 DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)

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PURPOSE To reduce record and strongs

REQUIREMENT FOR REGULATORY COMPLIANCE

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chatcheance Make one to use of a suggleter enterior custoried draw so from yor to exa simulfile,
but a fall the applied of the appliest groups dispited, depositing on the material used, much over
done has a commission 50% one or a gooster of the end overfass

If my ures will remain molecured for greater than 11.1 mentile, permanent i opitate relations shall be employed Refer to Del Alternated Acres Bubblication (Vi it) (comparity Seeding), Del - Disturbed Arus Molellination (With Permanent Seedin of Del Arus Bubblication (With Permanent Seedin of Del - Disturbed Arus Bubblication (With Bubblication (Del - Del - D

- I throto to perpet the me of equipment for upplying and exchange make
- 2 finitell monded economic control encourant or respected south or dilute, districted, better, better, better, and ordinared betterer.

Mulching Materials

Solvet one of the following materials and ergely at the depth unbested

- Dry straw or hay shall be applied at a depth of 2 to 4 outless providing complete scall now where they advigates of the material so may application. 2. Word wrote (chaps, services as limit) shall be explored as a first of 2 to 3 unches Crymum meterial from the cleaning stage of devironment should rumans to stat, but shopped, and applied as uncloid. This method of metalong run greatly reduces creams noticed come.

Applying Mulch

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- Day attree or has marked and would thep, shall be applied malorally by hard or by
 mathematel assessment.
- 2 If the area well or entendly by covered with personnel regentium, 20-30 prumds of entragem par area in addition to the notices amount shell be applied to effect the syride of notices amount the repear melicities.
- 3. Apply polysthy lose film on expensed stran-

Anchoring Mulch

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DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)

SEEDING R	SEEDING RATES FOR TEMPORARY SEEDING								
SPECIES	1,000 SI	RATE PER PLANTING ACRE* DATES**							
HYE	1.9 POUNDS	3 BÚ.	9/1-1/1						
RYE GRASS	20 NUO4 e D	40 (85.	8/19 4/1						
ANNUAL	0 9 POUNOS	40 LBS.	1/15 1/15						
WEEPING LOVE GRASS	0.1 POUNCS	4 L95.	2/15-5/15						
SUDANGRASS	1 4 POUNDS	BQ 185.	1/1 1/1						
MILLET	9.9 POUNDS	40 LBS.	4/1 7/15						
WHIAT	A L POLINDS	3 (01).	1 1/15 - 2/1						

VARIATIONS SIZE SATISSANCES.

SPECIFICATIONS
CHARNE AND BEATTH.

CHARNE AND BEATTH.

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SEEDRED PREFARATION
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further and or not another furthers on not required. For evido with 1 on 1904
furthers and the properties of the 10-10 furthers on the equivalent per our (2-16
to 1000 eq. 8) and the los applied. Furthers which the applied before land
preparation and unresponsible with a 60-5, pages on shoot.

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MULCIENG

DS3 DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION)

SPECIFICATIONS

GRUDING AND BIAING Graduag and sharpung may not by reposted where by denotes seeding and fertilizing equipment is to be used. *Vertical banks shall be sloped to conduct potent suitableshood Nilmo care contract cooling and fortilizing use to be done, grade and shape relayer and spectrally, to that opportunit one be used early and efficiently sharp accelled proposetion, seeding, metallage and an emiscation of the supplementation, seeding and semination of the supplementation of the value of the supplementation of the section of the series of the section of the section of the section protected had been seed to be a set of the section of the section of the section protected had been seed to the section of the section of the section protected had been seed to be appropriate to the section of the section of the section protected had been seed to be appropriate to the section of t

SEEDSED PREPARATION
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fortulating opaquents is in he most. When ones cannot seeding is no be used,
southed properties on wife he does no follows

- BREADE ANT PLANTING

 BREADE ANT PLANTING

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- ISBN DFALFLAYES

 1. Where such sided plants or to be set, the real shell be prepared by successing holes, reputing foreign as fields planting

 2. For memory steak plants, holes shell be large steamigh be associated after roots without survivaling.

 3. Where your resilings are to be planted, indeed under far root. So suchon drop on the coupting for to its mentals give in the planting. Submaling should be dame when the real is dry, performibly as August or September.

MAYING

HYDRAY ISC PEEDING.

Also the conditioned and of sandars, furthers, and wood solitokee or wood pulp filter

maksh with water and apply as a shorry and orally on or the save to be treated. Apply within

one from after the market is careful.

I SEN ENTHUMAL REBING Faving will be done on a floadly prepared and framed semilord. For breaching planting, no a range-law-reason, first, first, reader, drift merkamical seeding, are hard seeding in descriptor the seed maximally or or the error to be travered. Cover the seed higher with I to it of a line first only for small read and if 2 to 1 inch for large seed whom wang a redupenk or or other metable operations.

NO-THE SARDING
No-til seeding a purposable ante assent over a crop when planting a share following materials of the set are not at the tangent over a stand a sparse strongly to affect and suppose growth of the personation present. Profit working shall be done with appropriate social seeding equipment. The need must be understay described and planted as the prepara design.

USENDEMAL PLANTS
Steebs, turn and sprigs may be planted with appropriate planters or hand tools. Two to badd the planted manually in the subscal futures. Each plant shall be jet as a numer that with a call errorshap the roots. Numery steak plants shall be planted at the some depth or shall happen then then grave at the mercey. The tips of its men and experts must be ability shores the ground socials. When sub-volved holes are deep, foredayer whall be placed on the proced socials. When sub-volved holes are deep, foredayer whall be placed on the batter of the holes, two nucleus of end shall be solded and the plant shall be or the badd.

- In Dry sters on the her of grand quality and from of word seeds ton be toned. Dry steps shall be updoed at the rise of 2 tone pre over. Dry her shall be updoed at the rise of 2 tone pre over.

 2. Wood unlikes a poshik at wand pulp from shall be used with hydroids reveals. Be shall be upplied to the rise of 300 possis, per new 2. Drysters or dry her shall be upplied to the rise of 300 possis, per new 2. Drysters or dry her yields to applied fat the rise indicated observed with the hydroids assumed. Once these model possis of seed of all these or a wear pulp filter, which imbodes a technifort, shall be used with hydroids contage on players 2.4 I are stroper.

 Amount products they containing moures can all hall be supplied at a rise of first lesso per

4. Serious Impulsites hery nontinuous motives cand shall be upplied at a trius of direct level persons

1. Thus states or point both, shall be supplied at a think new of a limite for bridding proteiness. Other modules assertable in self-insent questionly many be used where resummables or other other contractions are contracted by the self-insent proteiness and the self-insent proteiness are self-insent proteiness. The self-insent proteiness are self-insent proteiness of the self-insent proteiness of the self-insent proteiness are self-insent self-insent of the self-insent sel

APPLING SHILE!
Steven at by much will be spread out ormly within 24 hours after seeding and or feature. The much may be spread by blown-type spreading outputsets, action spreading outputsets to be plant block half be applied to see #73° of the sea seeding.

When the spreading outputset or by bands Ablach half be applied to one #73° of the sea seeding.

When the spreading outputset is by half be applied understy with by devalue.

- is non-vapousane or voice pour muchal shall be applicate und-vinity with by devades conclude quagments and the second quagments of the SEE of t

INDICATION Interior shell be quicked at a rate that well not name remoff.

	SEEDI	NG	
STECTES	RATE PER 1,000 SF	AURE*	DATES**
BAIDA	14FOL7508	401B3	11-1231
(af RMI 1)A	B 2 PLH NLB	10192	215-71
CENTIFEDE	CATA NEW	UNLY	41-71
LESPEDEZA	LIPOUNDS	79 E.B.S	11-1271
1(NEGRASS	0 PULTON	4 LH3	21-613
\$WITCHCRASS	PRIOLNOS	40 TH2	3-1-6-1

** Seeding dates may peed to be altered to (it temperture

Ds4 DISTURBED AREA STABILIZATION [WITH SODDING]

DEFINITION ong scale on highly weaklin or sentently straint land

CONDITIONS
The application is appropriate for area which request insteadate regetains on an drop adote, grave trades, and recoverys with instructions flow.

CONSTRUCTION SPECIFICATIONS INSTALLATION

- Judi Preparetion

 Brags and surfaces to final grade. Clear sections of twols, woody datas, at most and plank larger than 1° Apply and to read sections only and not broom sections, or gas of type scale.

 Equal properly applied well help generates stand. Duc't was beyond recently brated with harbundars or not sections.

 Make tradition or not sections.

 But tradition in not not sections. Further board on seed tools or Tobbs 6-6-1. For full planting of werea season spinson, half the fertilizer should be applied at planting and the other half in the syring

Table 6.6.1 Earthur Romanness for Sml Serfers Assolution FERTILIZER | FERTILIZER | CANCELLE

(LBX ACUE)	(LBS ACRE)	RATE	SEASON	
[0-10-10	1000	.925	FALL	
- Agnosteri la	ماوي برا اشماد	d based on real test		Z hann per neru.

- Instellation

 Lay and with tight joints and as strength lasso. This 't an other joints'. Bagger yours and do not stretch and
 tarish and

 Lay along stopper files 3 I and should be an layed with worder as brinderprinchts puts to other appears to the anti-on.

 Installation of should be raised at knaped to provide good contact between and and a hergests and and as in a depth of 4" empendently after metallicism.

 Said should not be out or eyeard as extremely we six or by weather.

 Installation to be contact a spread of the strength of the strength of the six of the years.

 Installation to be seen of eye and as the strength of the strength of the six of the years.

- ShATERIALS

 8. Bod selected should be settled: 3 od grown to the general arts of the propert in dwereble

 5 od shauld be methum out and contents 3.4" of 1.4" of yeal, not asteleding should set therefore the solid should be met to the denored axes within 5.5". Tot so experient pols should be represed

 5 od shauld be to mit and metalled evaluate be hours of digitally

 A read-planting when subject to first these or or het worden of grage dates in an adults

 The soil type shauld be shown on the plant or installed oncovering to Table 6-6.2

 See Figure 6-4. To your Resources Aren.

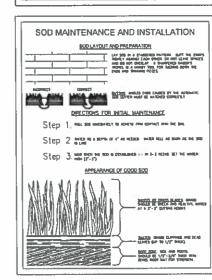
GILASS	VARETES	RESOURCE AREA	CROWING SLASON
			THE WIND HE PROPERTY
BERMI DAGRASS	COMPLOS	M-L, P, C	
-	TEWAY	I, C	WARNI WEATHER
	IRCKEEN.	lı c,	"AND THE PARTY OF
	TIFL AWN	F.C	
DALILAGICASS	PENSACOLA	P_C	WARM WEATHER
CENTIFEDE		E.C	WARM WEATHER
ST AUGUSTUS	CONTROL	Ī	1
	BITTERULTE	c	WARAI WEATHER
	RALLEIGH		1
ZOYSLA	EMERALD	I.c	WARSI WEATHER
	MYEA	<u>i</u>	l
TALL PERCUT	KENTUCKY	JAL P	COOL WEATHER

MAINTENANCE

The sharper on adequate stand of and as not obtained

The Green bought should gr

[able 6-6] Fertilized Professionals Lin god								
TYPES OF SPECIES	PLANTING YEAR	FERTILIZER CSFSK)	RATE (LBS (ACRE)	NTROGEN TOP INCSSEN RATE (I BS ACRE)				
COOL	FULST	6-12-12	L500	50-200				
SEASON	SECTIVD	6-17-17	000]	-				
CRASSES	MAINTENANCE	[0-[0-10	400	340				
WARM	FIRST	6-12-12	1300	50-100				
SEASON	SECOND	6-12-12	pon .	50-100				
GRASSES	MAINTENANCE	01-01-01	400	30				



11 CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY ANTHORIZED AGENT, UNDER MY SUPERVISION *



FOR THE FIRM BOUNDARY ZONE, IN

DETAILS
ELEE HANSON,
N, RIVER HOLLOW SI
6" SECTION
ELEY LAKE ROAD
ELEY LAKE ROAD
ELEY CAKE ROAD

ES&PC DE REPARED FOR: U1 REPARED FOR: U1 & CONMON AREA, E1 3926 NORTH BERKELL BERKELLEY LAKE, G BERKELLEY LAKE, G BERKELLEY LAKE, G BERKELLEY LAKE, G

PROJECT 17866.02

SHEET 10 OF 11

this play was prepared for the exclusive che the Person persons or in 11% ramed herein and does not PERSON, PERSONS OR EN 1133 HAMED HERPIN AND DOESSES EXTEND TO ANY UNIVARIED PERSON WITHOUT A RECERTIFICATION BY THE BURY EYOR NAMING BAMPERSON E COPTACHT DIA-BURDGARY ZIPE, DC.
THIS DRAWTEG AND ITS BETRICH KTENDARE THE PROPERTY
OF DIE BRIVETOR AND MAY POST BE ESTRUCIATE
OF MASSIEDORS INCLUDY MAY WAY WITHOUT THE WRITTEN
PERMANSIEN OF THES BRIVETOR

HE SURVEY WAS MADE WITH STYTHE BENEFIT OF A LIBRARY STYLE COMMITMENT EASENEDING AND NOVEMBEANES HAT EXIST WHICH BENEFIT AND BURDEN

TOTAL AREA 4 M2 ACRES 211 THE RQUARE FERT SICKNOWARY REPERENCE ESSISSIVE DIC. PRIST, PU DIC. PRELOWORE PERPORAGED ON \$2,7010

THIS MAP OR PLAY HAS BEEN CALCULATED FOR CLOSURE AND FOUND TO HE ACCURATE WITHIN ONE FOOT IN CLUSH FEET THIS IS AT HAS BEEN PREPARED LISTING A TOPCEN UTS 35 THE FISED DATA STON WHICH THES SLAPCE THAT IS BASED BY CLOSHILL PRECISION OF ORD FOOT BY 204 PH FEST, AND AND IN PRACE OF A SPICKES FOR ANGLE FYENT AND WAS ASP STED TERMS CORPASS BY TE

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HOW WELL LPG
HOW WELL LPG
HOW OR PUBLICAT
BUILDING SETBACK LPG
LEASTLEYER
CALIFICAL ROOT ZUPE
STRUCTURAL ROOT FLATE

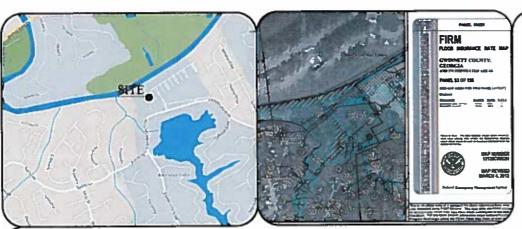
(A) HANDWIND TREE

SE PENE TREE X 10 RE MEMBERS TO

THE LEGENT







Vicinity Mapints | 0

BERKELEY LAKE TREE DENSITY REQUIREMENTS

4 86 AC x 40 UNITS = 194 4 UNITS

EXISTING TREE DENSITY FACTOR

TREES

EXIST DOH QTY REMAINING

THEIS MICHES REMOVED

194.5

UNITS

11.2 1.8 11.0

12.0 19.6 6.4

SITE TREE REPLACEMENT DATA

SPECIMEN UNITS TO BE REPLACED

SPECIMEN RECOMPENSE UNITS ADDED

SDF RECHARED TOTAL EXISTING DENSITY REPLACEMENT DENSITY FACTOR TOTAL SDF PROVIDED

DENSITY SURPLUS

FIRM Panel Vignette (NESS)

FLOOD HAZARD STATEMENT.
THIS IS TO CERTIFY THAT THIS SITE LIES WITHIN A FEDERALLY
DESIGNATED 100 YEAR FLOOD HAZARD AREA AS SHOWN ON THE FIRM
MAP OF GWINNETT COUNTY (CITY OF BENKELLY LAKE), GEORGIA
PANEL # 13135C005311, EFFECTIVE 3/4/2013

ZONING: R-100

VEYOR IN NO WAY INTENDS TO INTERPRET CONCILLIZION REGARDING THE ZORING AN BACK DESIGNATION SHOWN HEREON THES THON IS REPORTED FROM HITBLIC INFORMAL FROM CITY OR COUNTY PLANNING AND ZO

OWNER

LEE HANSON 3724 NORTH BERKELEY LAKE ROAD BERKELEY LAKE GOORGIA 100%

EMERGENCY CONTACT

LEE HANSON (404) 925-6362

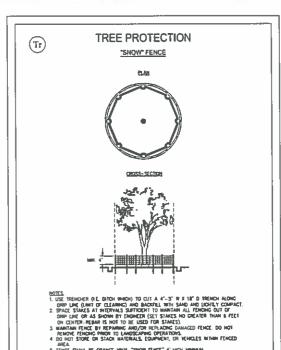
GENERAL NOTES:

NOTES

- TOTAL AREA AND ACCESS 2017/07/90/ARE REET
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- CONSTRUCTION OF A SINGLE FALLEY RESIDENCE
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- . TREES TO BE A MINIMUM OF & IN SERGET AT TIME OF PLANTING
- ALL BETFERS AND TREE SAVE AREAS SAULT BETLEARLY IDENTIFIED BY FLACKENG AND OR
 FENCENCIPROR TO COADLESCIDENT OF ANY LAND DISTURBANCE
- ALL TRUE PROTECTION DEVICES AN STIBE DISTALLED AND INSPECTED PROFETO AND CLEARING, GRUBBING OR GRADERG CALL THE ORDINANCE ENFORCEMENT OF REAF OR AN ENCLOSED AT THE MEAN AT 181
- THE DESCRIPT REQUIREMENTS SHOWN ON THE TREE PRESERVATIONS REPLACEMENT PLANS HARST BENNELHED PRIORS TO THE ESSAMME OF THE CERTER WATER OF OXYLIPANCY OR ACCEPTANCE OF THE PRODUCT
- . PLANT MATERIAL QUIALITY SHALL MEST THE AMERICAN STANDARD FOR MURSERY STOCK



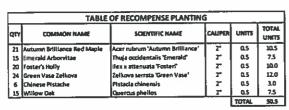
GRID NORTH GEORGIA WEST ZONI DATUM NAVD 1983 SCALE, 1 = 50°

TREE PRESERVATION / REPLACEMENT PLAN

PREPARED FOR: LEE HANSON,
HANSON RESIDENCE, FORMERLY RIVER HOLLOW SUBDIVISION
298 LAND LOT, 5⁸¹ SECTION
3926 NORTH BERKELEY LAKE ROAD
BERKELEY LAKE, GEORGIA 30096

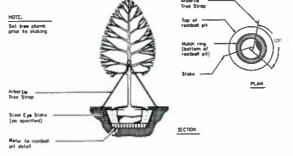
PROJECT 17866.02

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31.6

NOTE ACTUAL TREE LOCATIONS MAY VARY



TYPICAL TREE ROOTBALL PIT

TYPICAL TREE STAKING AND GUYING

STARY REPERENCE 28 1833), PG RC, PB E), PG 246 WORK PERFORMED ON 237014

THEE I FOUND



CENERAL NOTES

SHEET 11 OF 11

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X TO BE BENOVED