

WELCOME TO PENINSULA AT EAGLES POINTE

Dear Lot Owner,

Welcome to the neighborhood! We are confident you will love it here.

This packet contains essential documents and information about processes you need to know as a property owner to gain approval to build your home. Please take time to review the **Neighborhood Covenants** and amendments, the **Architectural Design Guidelines**, and the **New Build Procedures Packet (PDF)** located on our *Rules and Guidelines* page on our website at https://peninsulaateaglespointe.com/rules/. These procedures will help to guide you through the process from beginning to end.

Architectural Review Committee (ARC) Guidelines

The ARC Guidelines and checklist outline the requirements for the building process. There are two review processes: a preliminary plan review to confirm the house plan complies with all ARC guidelines and covenants, and a final plan review to confirm any plan modifications, the final site plan, builder, insurance, and septic system approval.

Preliminary Plan Review

To begin the approval process, you must submit your Preliminary Plan Review form with your application fee of \$250 payable to the Peninsula Owner's Association (POA). Preliminary plans can be submitted to any Board member via email or in person. The review process is straightforward as long as the plans comply with the ARC guidelines and covenants. These documents are included in this packet or on our website at https://peninsulaateaglespointe.com/rules/.

Final Plan Review

Once you are ready to break ground, you must submit your Final Plan Review with your \$1,000.00 impact fee, payable to Peninsula Owner's Association (POA). The impact fee goes directly into a trust account for future road improvements. If you have questions regarding either submission, please feel free to contact any board member for assistance. These documents are included in this packet or on our website at https://peninsulaateaglespointe.com/rules/.

Vehicle Decals

You will need to complete the vehicle decal request form to receive your decals to access the subdivision. The first two decals are provided to lot owners. Additional decals may be purchased for \$10 each (not to exceed six total decals). Please fill out the Decal Request Form (in this packet or on our website at https://peninsulaateaglespointe.com/decal-application/), and submit your form via the peninsulaateaglespointe.com/decal-application/), and submit your form via the peninsulaateaglespointe.com/decal-application/), and submit your form via the peninsulaateaglespointe@gmail.com email. All visitors are welcome and asked to contact you through the call box for access.

Mailbox Access

Once your plan is approved and you begin building, you may request mailbox access. Please submit your mailbox request via the Peninsualateaglespointe@gmail.com email.

Current Board Members:

Mitchell Turner, President, 478.259.5714

Jessica Edmonds, Vice President, 478.320.7443

Alyssa Syribeys, Secretary, Peninsulaateaglespointe@gmail.com

Beth Knaus, Treasurer, Peninsulaateaglespointe@gmail.com

Brett Newman and Eddie Sasser, Architectural Review Committee (ARC), Peninsulaateaglespointe@gmail.com

Eddie and Nikki Sasser, mailboxes, gate and vehicle decals Peninsulaateaglespointe@gmail.com

The Board communicates with owners via email multiple times a year, so please update your contact information as needed to stay connected. Our annual homeowner's meeting happens every August, so be on the lookout for meeting information. All of the above information is located on our website, www.peninsulaateaglespointe.com.

We look forward to having you in our neighborhood, and we hope you have a smooth building process!

Sincerely,

The Peninsula at Eagles Pointe Board



NEW BUILD/IMPROVEMENT PROCEDURES

- 1. Contact Alyssa Syribeys (Secretary) at peninsulaateaglespointe@gmail.com to provide your contact information, including your phone number and email.
- 2. Review the Covenants and ARC Guidelines on the website: https://peninsulaateaglespointe.com/rules/
- 3. Complete the ARC Committee Checklist/Preliminary Plan Review/Improvement form once you have your final house plans along with the following:
 - Completed and signed New Build/Improvement form
 - \$250.00 check made out to the POA Board.
 - Site Plan (see the checklist for details)
 - House plans
- 4. Once the Preliminary Plan Review/Improvement form is approved by the Board, you can submit the Final Plan Review along with the following:
 - Completed and signed form Final Plan Review form
 - \$1,000.00 check (impact fee) made out to the POA Board
 - Complete set of house plans
 - Builder's Name and License Number
 - Copy of Builder's Insurance
 - Your Builder's Risk Iinsurance
 - Septic Approval from the Health Department
 - Stake all corners of the house by the time of submission
- 5. Once the Final Plan Review is approved, sign and submit the Peninsula Owner Builder Approval Acknowledgment form.

Congratulations! You may begin building your new home. If you have any questions regarding the above procedures, please reach out to any board member.



OWNER AND BUILDER PLAN APPROVAL ACKNOWLEDGEMENT

Congratulations!

The Architectural Review Committee has approved your plan submissions and has granted you and your builder permission to begin building your new home in The Peninsula at Eagles Pointe.

Please review the Restricted Covenants, the Amendments to the Covenants, and the Architectural Review Guidelines as you are expected to adhere to all provisions set forth in all three documents.

As noted in the Covenants, Page 11, 5.1 "damage to the subdivision road caused directly by any construction by or other activities of a particular Lot Owner shall be the responsibility of said Owner to repair".

The Board is here to assist you in any way. Please do not hesitate to call on us as needed.

subdivision during construction must be repaired by Lot Owner in a timely manner.					
I at Orani	Dete				
Lot Owner	Date				

Sign below assuring you have reviewed all the documents and are aware that any damage in the

Builder	Date



PRELIMINARY/IMPROVEMENT PLAN REVIEW

Architectural Review Committee (ARC) Checklist

To assist in preparing and submitting your submissions to the ARC, please complete the following:

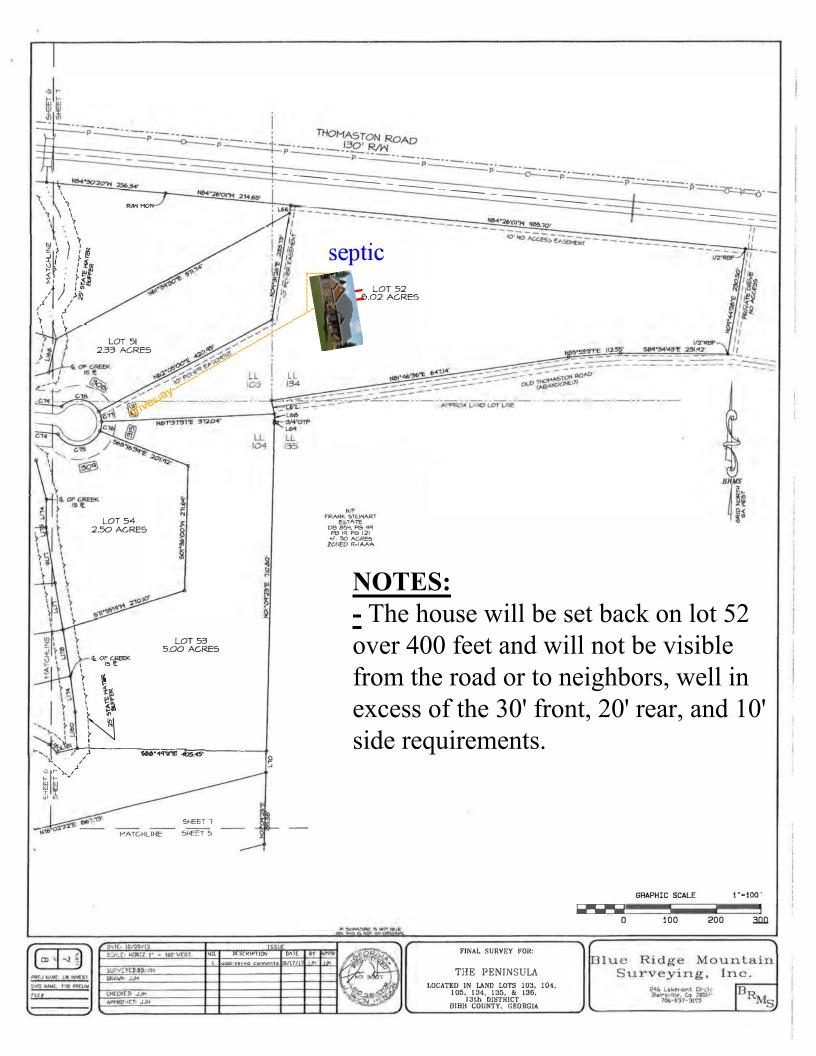
Troperty Owner	(8)	
Names		Lot Number
Address		
Phone Numbers	Home	Work
	Cell	Cell
Date of Prelimina	ary Plan Reviev	w Submission
This ARC C	hecklist comple	ted and attached to a copy of the following:
Preliminar	ry Site Plan	
		property with the location of new construction clearly marked on nees to property boundaries and relationship of adjacent homes
	me, driveway lo uld be clearly sh	ocation, septic field location, utility locations, and setbacks nown
Ext	terior materials	and colors – may be samples, photos and /or charts
App	plication Fee of	\$250.00 made out to The Peninsula at Eagles Pointe POA
House Plan	ns or Improven	nent Plans
Floo	or plans with squ	uare footage breakdowns for all levels
		e and elevations of all 4 sides showing roof pitch
Exte	erior materials a	nd colors – may be samples, photos and /or charts
App	olication Fee of S	\$250.00 made out to The Peninsula at Eagles Pointe POA
Having attached a application for Bo	-	ocumentation and application fee, I hereby submit my approval.
Property Owner		Date
POA Board Appr DateS	roval Signature:	Title:



FINAL PLAN/IMPROVEMENT REVIEW

Architectural Review Committee (ARC) Checklist

	s)	
Names		Lot Number
Phone Numbers		Work
	Cell	Cell
Data of Final Plan	/Improvement Pos	riew Submission
	_	
	-	nd attached to a copy of the following:
Final S		
	-	ent Plans which include a full set of drawings
		Contractor's license #
i.	of Builders Insurance	
	of your Builder's Ris	
	Department approv	1
		struction must be staked at time of submission
Exterio	or materials and colo	ors – may be samples, photos and /or charts
deposi of fina	tedinto the HOA tru	ade out to The Peninsula at Eagles Pointe POA to be est account for road improvements after ARC approval at apply to improvements such as pools, fencing, other
Having attached all application for revi	•	ation and Impact fee, I hereby submit my
Property Owner		Date



Windows: YKK Tan vinyl window with no grills Trim: Ivory Column and Shutter Stain: Espresso

Brick: **Cherokee Mosstown** with Ivory Mortar

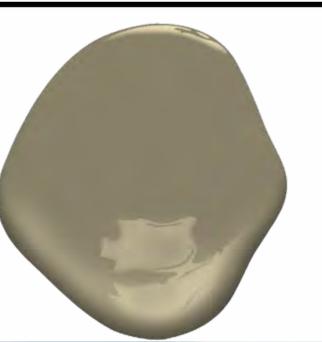


NOTE: COLORS AND STYLES MY BE DIFFERENT THAN DEPICTED HERE

Weathered Wood



Eaves: **HC-106 Crownseville Gray**

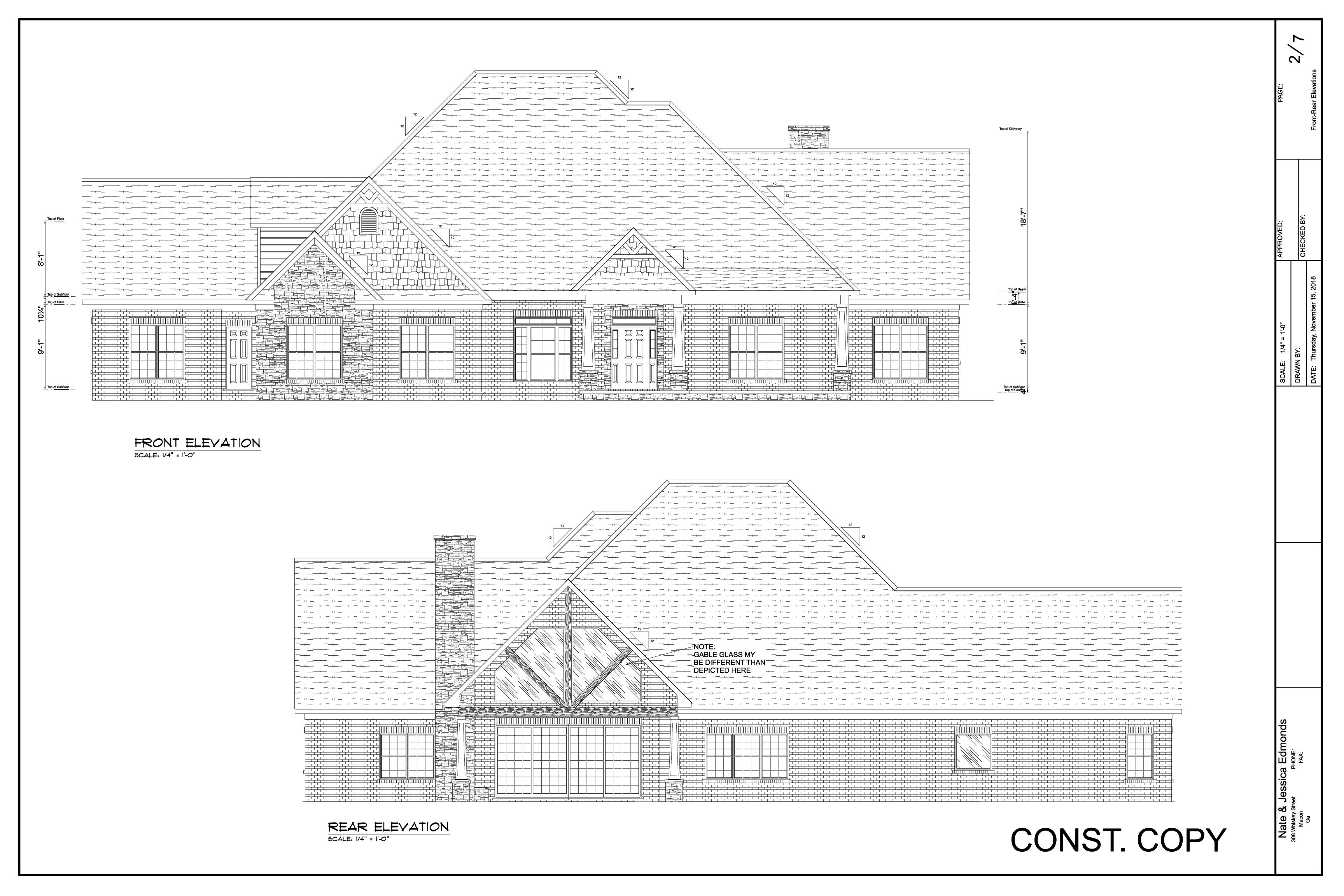


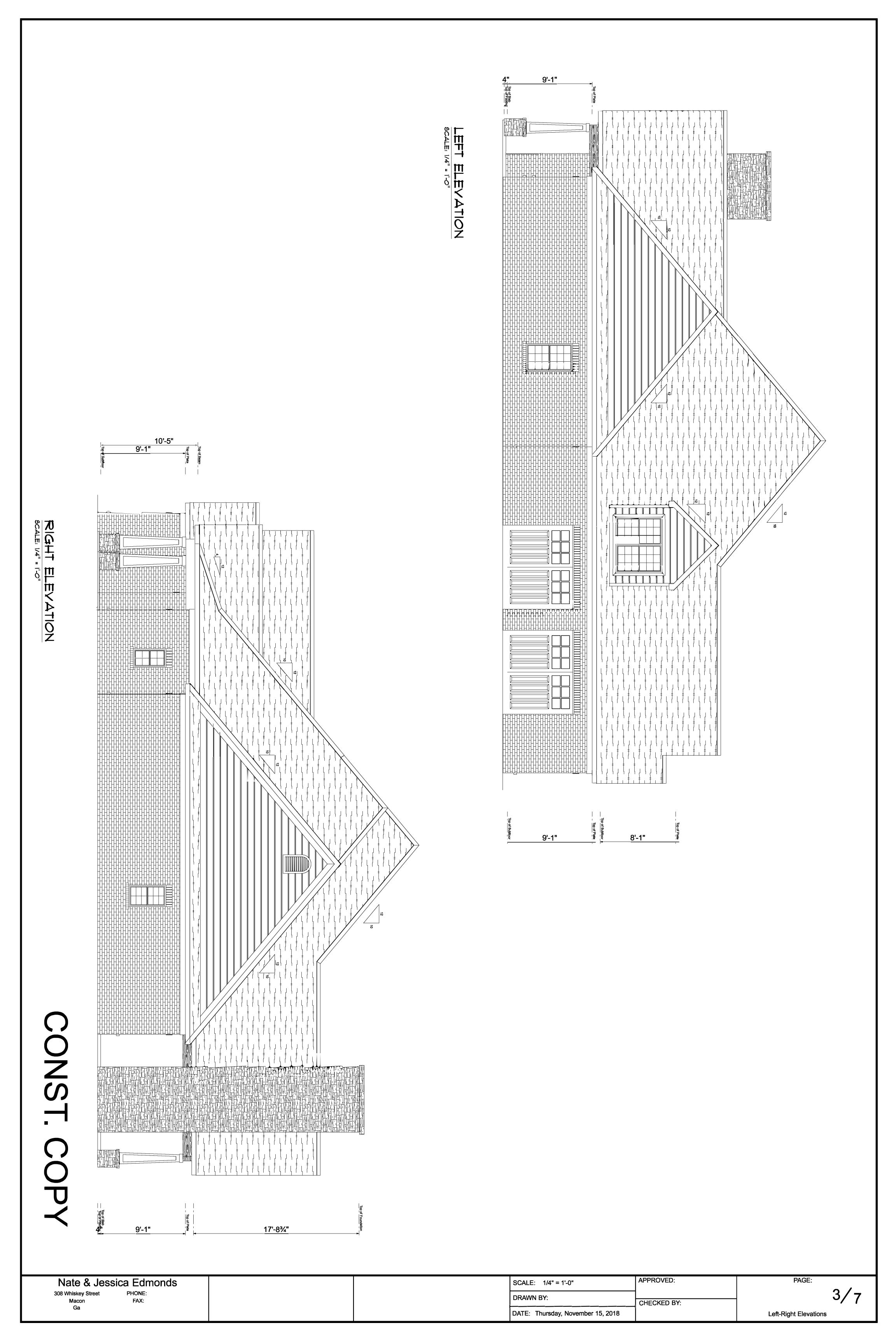
DRAWING SCHEDULE Cover Page_ Front-Rear Elevations_ Left-Right Elevations_ Slab Foundation_ Crawl Space Main Floor_ Bonus Rm-Roof_

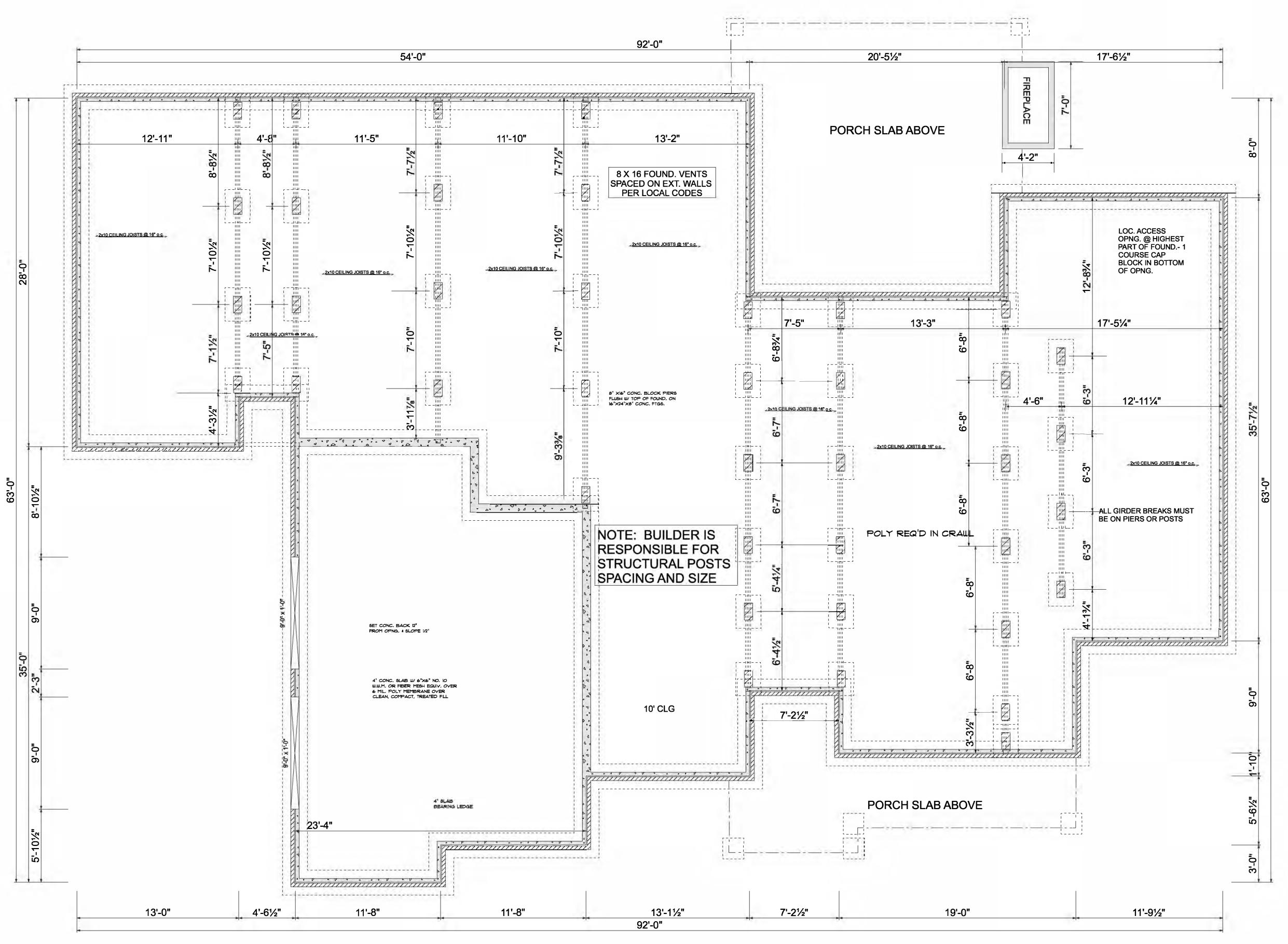


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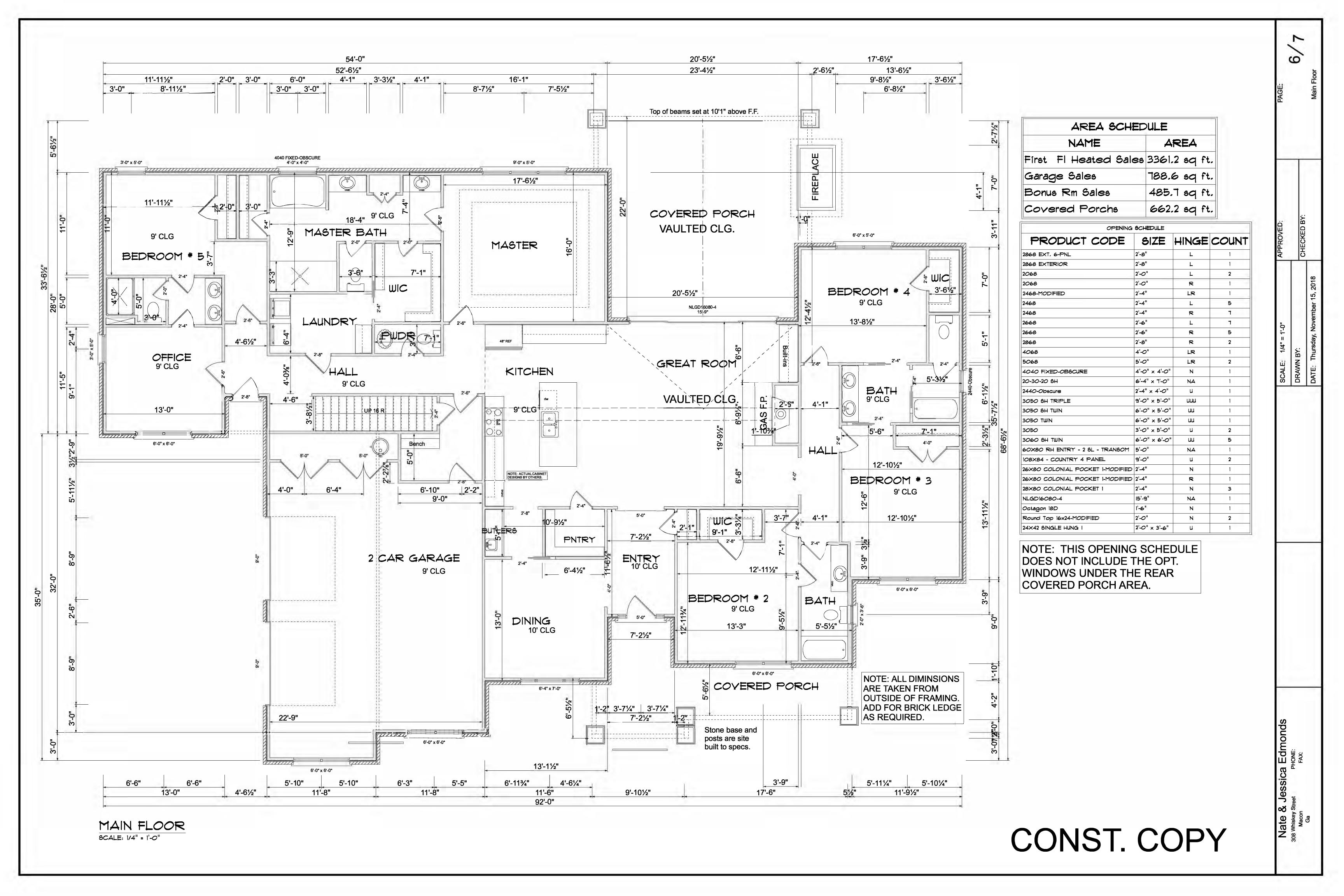
Nate & Jessica Edmonds
308 Whiskey Street PHONE:
Macon FAX:
Ga

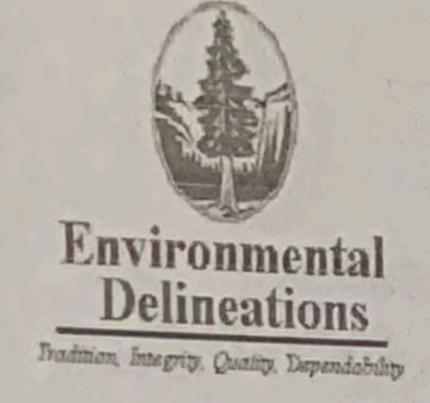






CRAWL SPACE FOUND, SCALE: 1/4" = 1'-0"





213 N. Franklin Street, Dublin, GA 31021 PHONE 478-272-6032 WWW.ENVIRONMENTALDELINEATIONS.COM

COUNTY:	BIBB		
OWNER:	JESSICA EDMONDS	DATE:	3/21/2019
SITE LOCATION:	308 WHISKEY STREET		
SCALE:	I INCH = 60 FEFT		
INTENSITY LEVEL O	F INVESTIGATION: LEVEL THREE; DE	H STANDARDS	

SOIL SERIES SEE SUITABILITY CODES	SLOPE % ranges of the soil type	DEPTH TO BEDROCK (ranges)	DEPTH TO SEASONAL HIGH PERCHED* H20 TABLE and/or *RESTRICTIVE (inches/ranges	ABSORPTION RATE AT RECOMMENDED TRENCH DEPTH MIN IN:	RECOMMENDED TRENCH BOTTOM DEPTH (inches)	SUITABILITY
CECIL	5-15%	>60"	>60"	65	24 TO 36*	A
LLOYD	5-15%	>60"	>60"	65	24 TO 36"	A

AREAS WHICH FLOOD OR HAVE POTENTIAL FOR PROBLEMS ASSOCIATED WITH FLOODING/PONDING SHOULD NOT BE U AREAS UTILIZED FOR ABSORPTION FIELDS SHOULD BE SHAPED FOR RAPID RUNOFF.

SOIL MAP LEGEND

no	DRAINAGE WAY, UNBUITABLE FOR WASTE DISPOSAL
K54	SOIL BORING LOCATION
	OPEN TOP PIPE FOLIND

SOIL SUITABILITY CODES

VITABILITY CODE = SOIL TYPE SHOULD HAVE ABILITY TO FUNCTION AS SUITABLE ABSORPTION FIELD

WITH PROPER DESIGN, INSTALLATION, AND MAINTENANCE.

GENERAL NOTES FOR THIS SITE

· MAKE SURE THE PROPOSED SEPTIC AREAS ARE PROTECTED DURING CONSTRUCTION OF THE HOME AND ARE NOT ALLOWED TO BECOME STORAGE AREAS FOR FILL DIRT, OR USED FOR TRASH PITS. ALSO, KEEP HEAVY EQUIPMENT FROM PARKING AND DRIVING ON THE SEPTIC AREA WHICH COULD CAUSE COMPACTION OF THE SOIL. SHAPE DRAIN FIELD FOR RAPID RUN OFF, MUST CONTROL SURFACE WATER FROM ANY LAND AREA LOCATED UP GRADIENT.

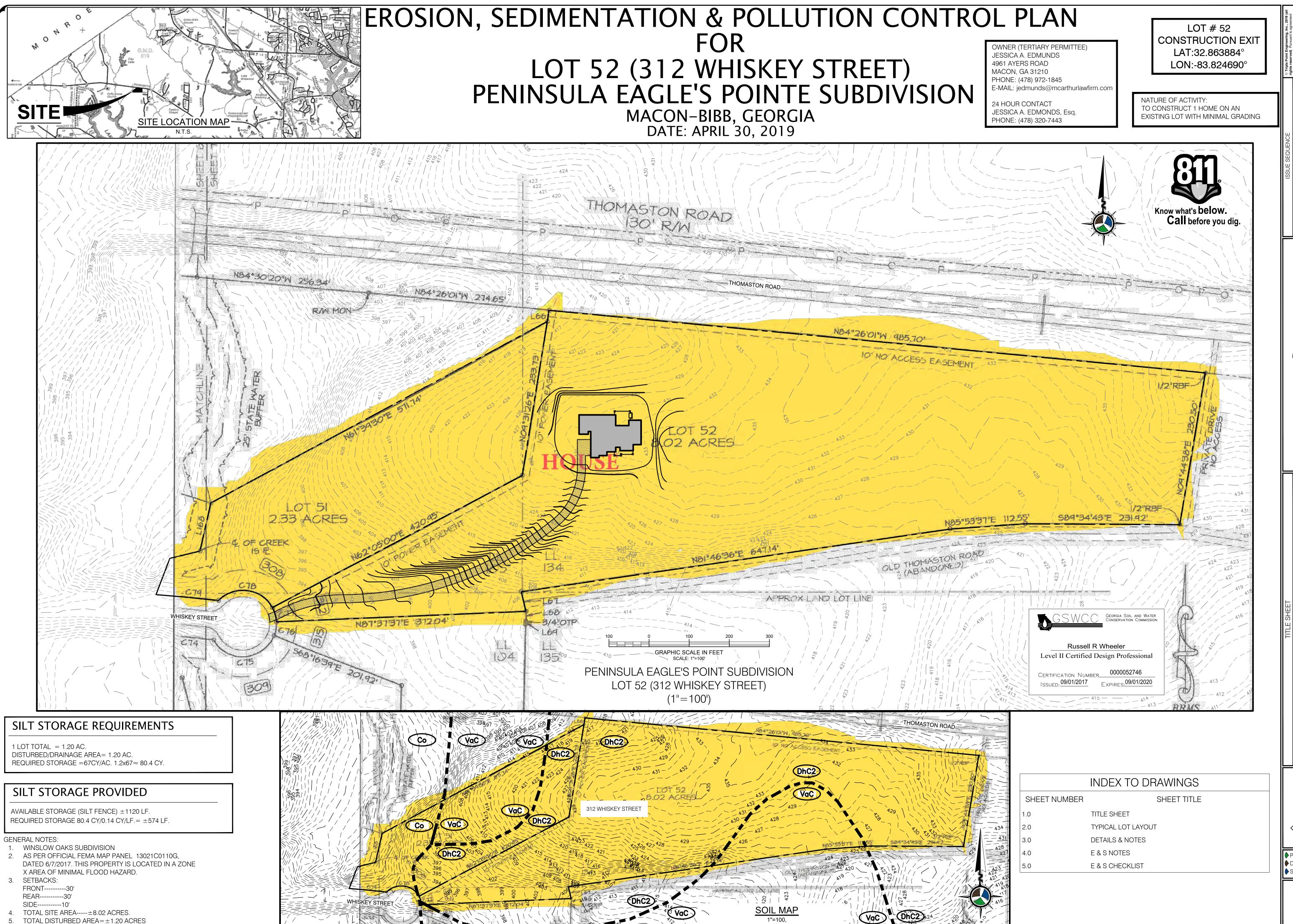
* THE ABSORPTION FIELD SHOULD NOT BE INSTALLED DURING A WET OR RAINY PERIOD WHICH COULD RESULT IN DAMAGE TO THE

WHISKY STREET

BOIL STRUCTURE AND RESULT IN REDUCED SYSTEM PERFORMANCE. The information contained in this report is based on the pedons (test borings) classified in the field. All boring locations, as well as, other miscellaneous soil conditions and features, are located with a Trimble Pro XRS Global Positioning Satellite System (GPS) to assist in maintaining quality control. If the site is disturbed from cutting or filling after the date of this soil report, the Soil Scientist whose seal is affixed to this report and his recommendations are null 4 void. The projected boundary of each soil map unit is based on the professional opinion and judgment of the Soil Scientist. Soil boardary lines should be considered as transitional zones where one soil condition intergrades into another, rather than, as an exact boundary. ED.LLC does not install, maintain or permit waste disposal systems and does not guarantee the performance of any waste disposal system. Pull length systems using three loot wide trenches with equal lengths of line and equal distribution (e.g. distribution box) installed on the contour of the landscape will increase longevity and long term performance and is recommended for all systems. Your local Health Department holds full authority in the permitting of create waste disposal systems. The use of advance treatment (e.g. Aerobic Treatment Systems) to decrease the standard 24"inch separation off a seasonal high water table or restrictive layer does not guarantee the proper function of a septic system. A number of systems will meet "code", but that does not necessarily mean that all systems that meet "code" will function properly. Recommendations are site specific and if not followed will void this report. This report is based on conventional septic systems and all recommendations are based on installation from the original unaltered soil surface unless stated otherwise, ED,UC produces soils surveys based on the USDA Soil Survey Manual, U.S. Soil Taxonomy, and all mapping is completed in accordance with the National Cooperative Soil Survey Standards. Any changes or alterations made to the soil maps or interpretations without the written approval of ED,LLC woods the seal of the Soil Scientist. This report reflects the soil conditions as they relate to on-site waste disposal and shall not be used to determine suitability. of footers and/or building foundations. The information herein is intended for the sole use of the client named above. Use by any other party must be with the express written permassion by ED,LLC and risk for purposes other than those expressly indicated by this report is at the risk of the user. The lot boundary shown was taken from the country Tai Assessor's public record maps and was electronically traced and used as the background image in completing this soil survey and is for illustration purposes only and shall be considered approximate. ED,LLC does not guarantee the accuracy of the information provided by others,

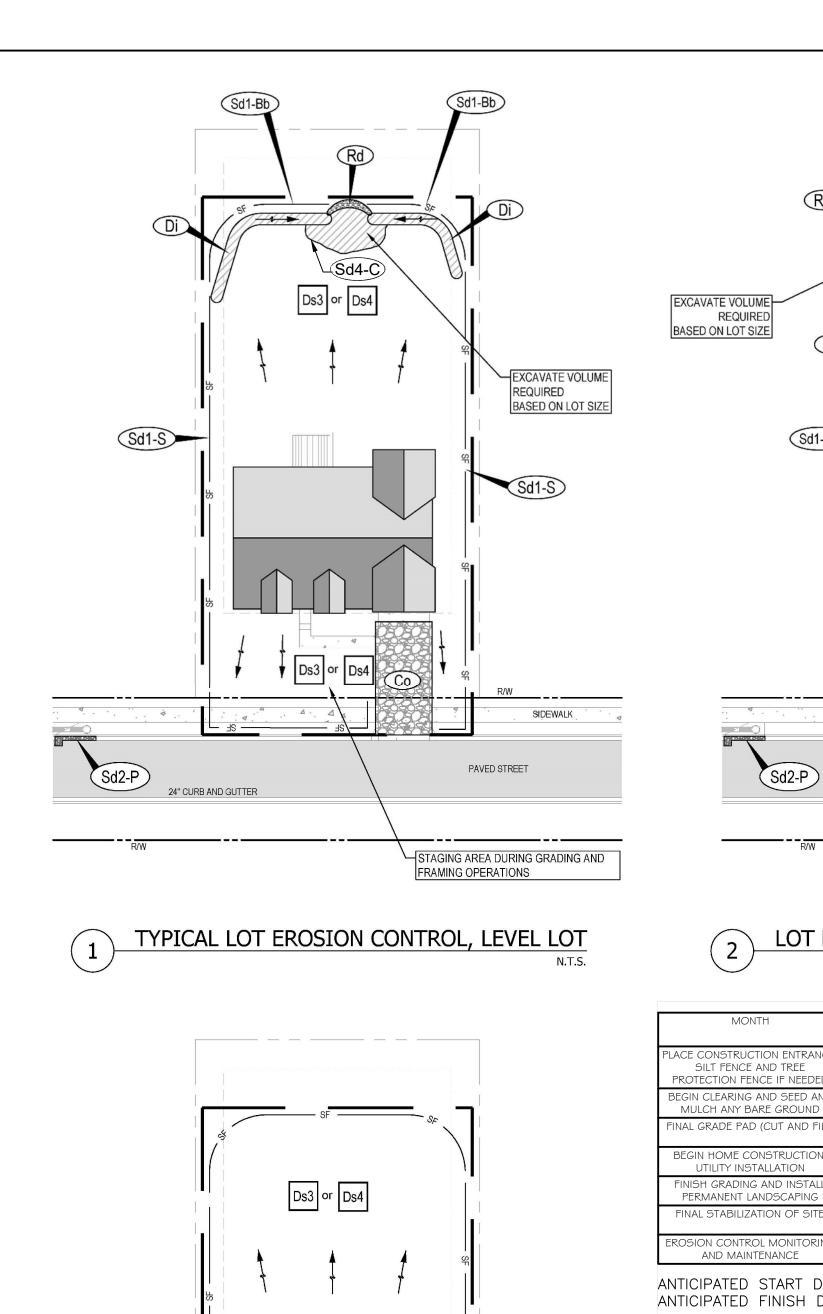
HOME SITE DESIGNATED BY CLIENT! Environmental Delincations, LLC Tradition, Integrity, Quality, Dependability, 770-227-2999 • 478-272-6032 CECIL 5-15% not mapped not mapped LOT 52 DRAWN BY: NS SITE WORK: KLD CHECKED BY: 515 REVISIONS: LOT 53 THIS DRAWING IS THE PROPERTY OF The information herein is intended for the sole use of Jessica Edmonds (Client). Use by any other party must be with the express written permission by Environmental Delineations, LLC (Consultant) and risk for purposes other than those expressly indicated by this report is at the risk of the user.

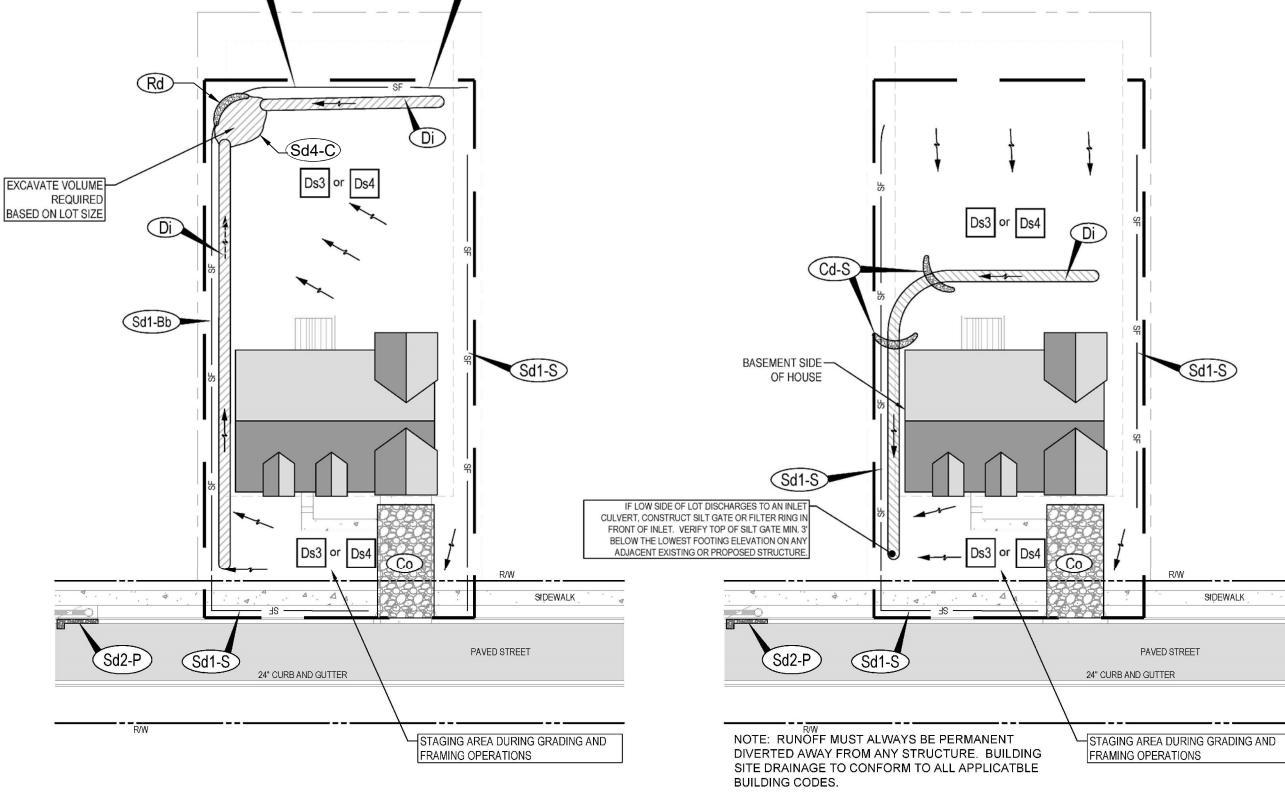
3-21-2019



SUBDIVISION

PROJECT NO.: DATE:





SILT FENCE AND TREE PROTECTION FENCE IF NEEDED BEGIN CLEARING AND SEED A INAL GRADE PAD (CUT AND I BEGIN HOME CONSTRUCTION UTILITY INSTALLATION FINISH GRADING AND INSTALL PERMANENT LANDSCAPING

LOT EROSION CONTROL, SLOPING TO ONE SIDE

ANTICIPATED START DATE: _____ ANTICIPATED FINISH DATE: _____

AND MAINTENANCE

THE CONTRACTOR MAY ALTER THIS SCHEDULE AS LONG AS EROSION CONTROL IS MAINTAINED AT ALL TIMES UNTIL PERMANENT VEGETATION IS ESTABLISHED.

BASIN	BASIN SIZING TABLE (BASED ON LOT SIZE)					
LOT SIZE (Ac.)	Approx. L and W (FT)					
0.25	11.25	2	12			
0.33						
0.50	22.50	2				
1.0	45.00	2				
2.0						
*These quantities are approximate based on 50 C.Y. per Acre of lot size. In most cases, this estimate is conservative, since portions of the lot will remain undisturbed and portions of the lot will drain to sediment traps/silt fence along the street. Contractor may reduce excavation area or modify the size to handle multiple adjacent lots provided 67 cubic yards per Acre of Disturbed area is provided, and cleaned out						

when the volume reaches 1/3 of the total.

DS1 ON ALL DISTURBED AREAS WITHIN 14 DAYS OF DISTURBANCE OR AS SOON AS FINAL GRADE IS ACHIEVED, WHICHEVER IS SOONER. AS FINAL GRADE IS ACHIEVED, WHICHEVER IS SOONER.

ON ALL DISTURBED AREAS WITHIN 14 DAYS OF DISTURBANCE OR AS SOON AS FINAL GRADE IS ACHIEVED, WHICHEVER IS SOONER. USE FOR AREAS WHERE FUTURE DISTURBANCE WILL NOT OCCUR FOR 2-6 MONTHS.

ON ALL ROUGH GRADED AREAS THAT WILL BE UNDISTURBED FOR LONGER THAN 6 MONTHS. APPLY IMMEDIATELY TO ALL DISTURBED AREAS AT FINAL

TYPICAL SECONDARY AND TERTIARY PERMITTEE EROSION CONTROL SEQUENCE (PART IV.D.1.b):

1. TERTIARY PERMITTEES ARE REQUIRED TO SUBMIT NOTIFICATION OF INTENT IN ACCORDANCE WITH GA DNR, ENVIRONMENTAL PROTECTION DIVISION PERMIT GAR 100003 A MINIMUM OF 14 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION

LOT EROSION CONTROL, SLOPING TO FRONT YARD

- 2. CONTRACTOR TO INSTALL PERIMETER SEDIMENT BARRIERS PRIOR TO CLEARING OPERATIONS.
- 3. CONSTRUCTION OF DIVERSIONS, BRUSH BARRIERS, AND A GRAVEL CONSTRUCTION ENTRANCE ARE TO BE PERFORMED PRIOR TO GRUBBING OPERATIONS.
- 4. STABILIZATION MEASURES (MULCHING OR VEGETATIVE MEASURES) ARE REQUIRED TO BE INSTALLED AS SOON AS PRACTICABLE IN AREAS WHERE FURTHER DISTURBANCE WILL CEASE FOR A PERIOD GREATER THAN 14 DAYS FROM THE DATE THEY ARE GRUBBED.
- 5. CONTRACTOR TO PERFORM ROUGH GRADING AND ESTABLISHMENT OF THE BUILDING PAD FOR THE SITE.
- 6. STABILIZATION MEASURES (MULCHING OR VEGETATIVE MEASURES) ARE REQUIRED TO BE INSTALLED AS SOON AS PRACTICABLE IN AREAS WHERE FURTHER DISTURBANCE WILL CEASE FOR A PERIOD GREATER THAN 14 DAYS FROM THE DATE THEY ARE GRUBBED. ANY EXCAVATIONS FOR EROSION CONTROL SHOULD BE INSPECTED. IF THE VOLUME OF SUCH MEASURES (INCLUDING SILT BARRIERS) ARE MORE THAN 1/3 FULL, THEY ARE TO BE CLEANED OUT.
- 7. BUILDING CONSTRUCTION WILL COMMENCE ON THE SITE.
- 8. SITE FINAL GRADING, PAVING, AND LANDSCAPING WILL COMMENCE. IF SOD IS BEING PLACED, SILT BARRIERS MAY BE REMOVED FROM DOWNSTREAM AREAS IMMEDIATELY UPON COMPLETION OF SOD INSTALLATION. FOR AREAS WHERE PERMANENT GRASSING IS USED, EROSION CONTROL MEASURES MAY BE REMOVED ONCE LANDSCAPING IS COMPLETED, PAVING IS COMPLETE, AND PERMANENT GRASSES COVER 70% OF THE SITE AREA.
- 9. NOTICE! AN AREA IS NOT CONSIDERED PERMANENTLY STABILIZED UNTIL PERMANENT GRASS IS ESTABLISHED. WHEN PERMANENT/ANNUAL GRASS MIXTURES ARE USED FOR OFF-SEASON ESTABLISHMENT, THE AREA IS NOT PERMANENTLY STABILIZED UNTIL THE PERMANENT GRASSES MAKE UP 70% OF THE ESTABLISHED
- 10. FOR LOTS THAT HAVE A DISCHARGE POINT AT THE REAR OF THE SITE WITHIN 100 FEET OF STATE WATERS, A DOUBLE ROW OF TYPE "C" SILT FENCE SHOULD BE INSTALLED ALONG THE REAR OF THE SITE.

NOTE: SD1-NS CAN BE USED IN LIEU OF SD1-S IF THE SITE IS NOT LOCATED WITHIN 200' OF STATE WATERS OR OTHER SENSITIVE AREAS. 312 WHISKEY STREET IS LOCATED WITHIN 200' OF A STATE WATER OR SENSITIVE AREA, AT ITS CONNECTION TO WHISKEY STREET. TWO ROWS OF TYPE C SILT FENCE ARE REQUIRED WITHIN THE AREA 200' FROM THE STREAM.

ALONG ALL STATE WATERS AND OTHER SENSITIVE AREAS, TWO ROWS OF TYPE C SEDIMENT BARRIERS SHALL BE USED. THE TWO ROWS OF TYPE C SEDIMENT BARRIER SHOULD BE PLACED A MINIMUM OF 36 INCHES APART.

> Georgia Soil and Water Conservation Commission Russell R Wheeler Level II Certified Design Professional CERTIFICATION NUMBER 0000052746 ISSUED: 09/01/2017 EXPIRES: 09/01/2020

OWNER (TERTIARY PERMITTEE) JESSICA A. EDMUNDS 4961 AYERS ROAD MACON, GA 31210 PHONE: (478) 972-1845 E-MAIL: jedmunds@mcarthurlawfirm.com 24 HOUR CONTACT

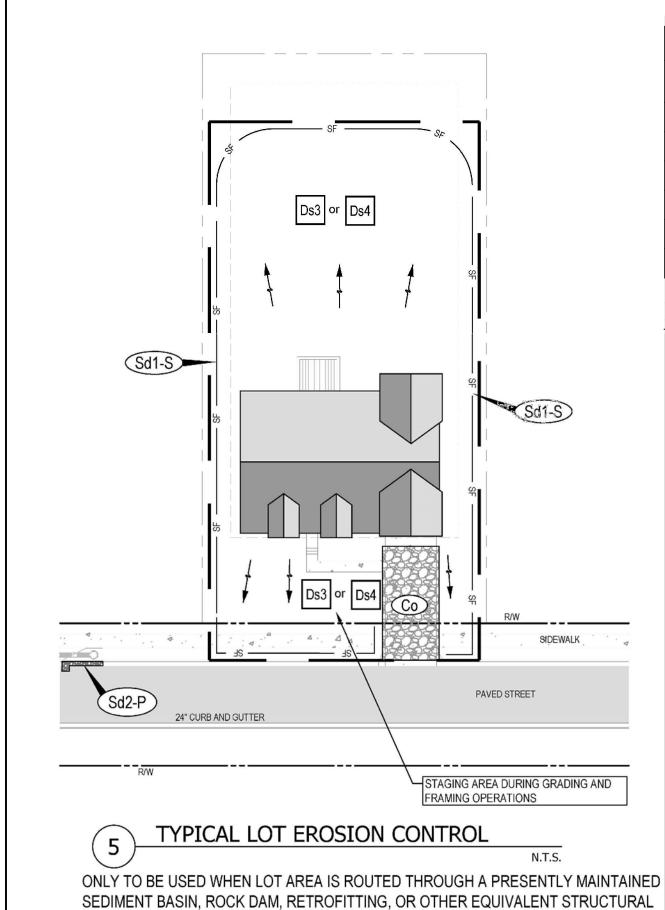
JESSICA A. EDMONDS, Esq. PHONE: (478) 320-7443



SUBDIVISION =FT

MONDS, BIBB COUL

PROJECT NO.: PEP 001 DATE: APRIL 30, 2019 SCALE:



BMP. BEFORE ENTERING A STATE WATER OR LEAVING THE COMMON DEVELOPMENT.

GEORGIA UNIFORM CODING SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

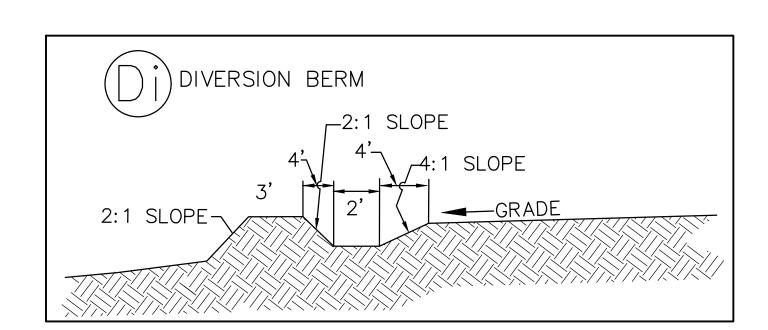
STRUCT		ATE SOIL AND WATER CONS PRACTICES	ERVAT	TION CO	OMMISSION OF	GEORGIA	1
CHECKDAM	(Cd) //	A SMALL TEMPORARY BARRIER OR DAM CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH OR AREA OF CONCENTRATED FLOW		Sd3	TEMPORARY SEDIMENT BASIN		A BASIN CREATED BY ACROSS A WATERWAY. RUNOFF IS TEMPORAF THE BULK OF THE SE

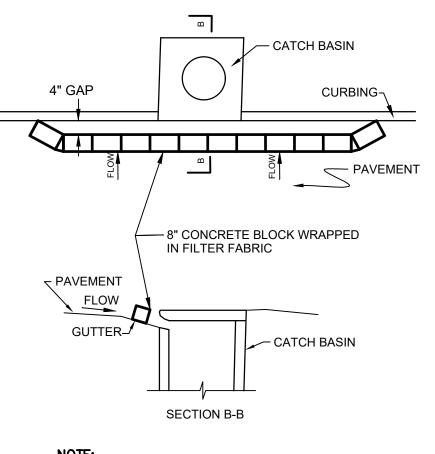
			TTINOTIOLO
Cd	CHECKDAM	Cd	A SMALL TEMPORARY BARRIER OR DAM CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH OR AREA OF CONCENTRATED FLOW
Ch	CHANNEL STABILIZATION	Ch	IMPROVING, CONSTRUCTING OR STABILIZING AN OPEN CHANNEL, EXISTING STREAM OR DITCH.
Co	CONSTRUCTION EXIT	(Label)	A CRUSHED STONE PAD LOCATED AT THE CONSTRUCTION SITE EXIT TO PROVIDE A PLACE FOR REMOVING MUD FROM TIRES THEREBY PROTECTING PUBLIC STREETS.
Cr	CONSTRUCTION ROAD STABILIZATION	(c) 280	A TRAVEL WAY CONSTRUCTED AS PART OF A CONSTRUCTION PLAN INCLUDING ACCESS ROADS, SUBDIVISION ROADS, PARKING AREAS AND OTHER ON—SITE VEHICLE TRANSPORTATION ROUTES.
Dc	STREAM DIVERSION CHANNEL	Dc	A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT STRUCTURE IS BEING CONSTRUCTED.
Di	DIVERSION	Di	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	Dn1	A FLEXIBLE CONDUIT OF HEAVY-DUTY FABRIC OR OTHER MATERIAL DESIGNATED TO SAFELY CONDUCT SURFACE RUNOFF DOWN A SLOPE. THIS IS TEMPORARY AND INEXPENSIVE.
Dn2	PERMANENT DOWN DRAIN STRUCTURE	Dn2	A PAVED CHUTE, PIPE, SECTIONAL CONDUIT OR SIMILAR MATERIAL DESIGNED TO SAFELY CONDUCT SURFACE RUNOFF DOWN A SLOPE.
Fr	FILTER RING	Fr	A TEMPORARY STONE BARRIER CONSTRUCTED AT STORM DRAIN INLETS AND POND OUTLETS.
Ga	GABION	GG	ROCK FILTER BASKETS WHICH ARE HAND PLACED INTO POSITION FORMING SOIL STABILIZATION STRUCTURES.
Gr	GRADE STABILIZATION STRUCTURE	Gr	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.
Lv	LEVEL SPREADER		A STRUCTURE TO CONVERT CONCENTRATED FLOW OF WATER INTO LESS EROSIVE SHEET FLOW. THIS SHOULD BE CONSTRUCTED ONLY ON UNDISTURBED SOILS.
Rd	ROCK FILTER DAM	Rd	A PERMANENT OR TEMPORARY STONE FILTER DAM INSTALLED ACROSS SMALL STREAMS OR DRAINAGE WAYS
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	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	TIPE (Indicate type)	A BARRIER TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. IT MAY BE SANDBAGS, BALES OF STRAW OR HAY, BRUSH, LOGS AND POLES, GRAVEL OR SILT FENCE.
Sd2	INLET SEDIMENT TRAP		AN IMPOUNDING AREA CREATED BY EXCAVATING AROUND A STORM DROP INLET. THE EXCAVATED AREA WILL BE FILLED AND STABILIZED ON COMPLETION OF CONSTRUCTION ACTIVITIES.

Sd3	TEMPORARY SEDIMENT BASIN		A BASIN CREATED BY EXCAVATION OR A DAM ACROSS A WATERWAY. THE SURFACE WATER RUNOFF IS TEMPORARILY STORED ALLOWING THE BULK OF THE SEDIMENT TO DROP OUT.
Sr	TEMPORARY STREAM CROSSING	(Label)	A TEMPORARY BRIDGE OR CULVERT—TYPE STRUCTURE PROTECTING A STREAM OR WATERCOURSE FROM DAMAGE BY CROSSING CONSTRUCTION EQUIPMENT.
St	STORM DRAIN OUTLET PROTECTION	St	A PAVED OR SHORT SECTION OF RIPRAP CHANNEL AT THE OUTLET OF A STORM DRAIN SYSTEM PREVENTING EROSION FROM THE CONCENTRATED RUNOFF.
Su	SURFACE ROUGHENING	Su	A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS ON A CONTOUR OR SLOPES LEFT IN A ROUGHENED CONDITION AFTER GRADING.
Тр	ROUGHENING	(Show Striping Storage Areas)	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 STORMWATER CONVEYANCE CHANNEL	-	PAVED OR VEGETATIVE WATER OUTLETS FOR DIVERSIONS, TERRACES, BERMS, DIKES, OR SIMILAR STRUCTURES.
			

VEGETATIVE MEASURES

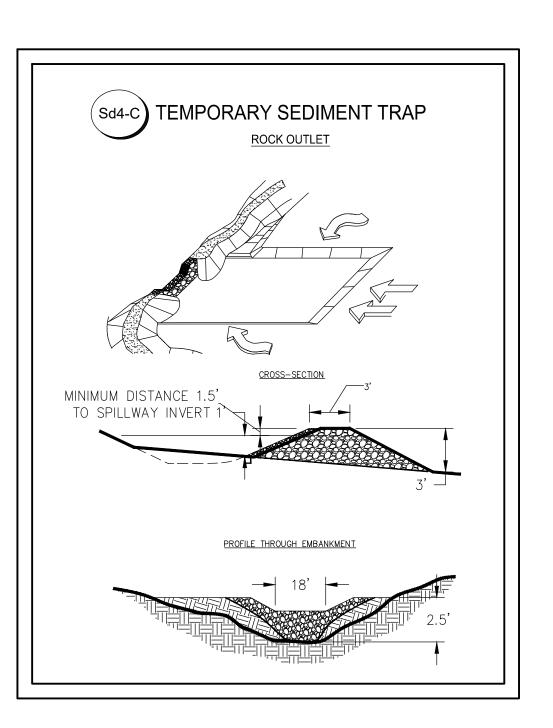
Bf	BUFFER ZONE	Bf	A STRIP OF UNDISTURBED ORIGINAL VEGETATION, ENHANCED OR RESTORED EXISTING VEGETATION OR THE RE-ESTABLISHMENT OF VEGETATION SURROUNDING AN AREA OF DISTURBANCE OR BORDERING STREAMS.
Cs	COASTAL DUNE STABILIZATION (WITH VEGETATION)	Cs	PLANTING VEGETATION ON DUNES THAT ARE DENUDED, ARTIFICIALLY CONSTRUCTED OR RENOURISHED.
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)	Ds3	ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, 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 CONSTRUCTION SITES, ROADWAYS AND SIMILAR SITES.
МЬ	EROSION CONTROL MATTING AND BLANKETS	H Mb H	THE INSTALLATION OF A PROTECTIVE (BLANKET) OR SOIL STABILIZATION MAT ON A PREPARED PLANTING AREA OF A STEEP SLOPE, CHANNEL OR SHORELINE.
Pm	DUST CONTROL ON DISTURBED AREAS	Pm H	THE LAND APPLICATION OF PRODUCT CONTAINING ANIONIC POLYACRYLAMIDE (PAM) AS TEMPORARY SOIL BINDING AGENTS TO REDUCE SOIL EROSION.
Sb	STREAM BANK STABILIZATION (USING PERMANENT VEGETATION)	H Sb H	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.
Ть	TACKIFIERS AND BINDERS	H Тb H	SUBSTANCE USED TO ANCHOR STRAW OR HAY MULCH BY CAUSING THE ORGANIC MATERIAL TO BIND TOGETHER.

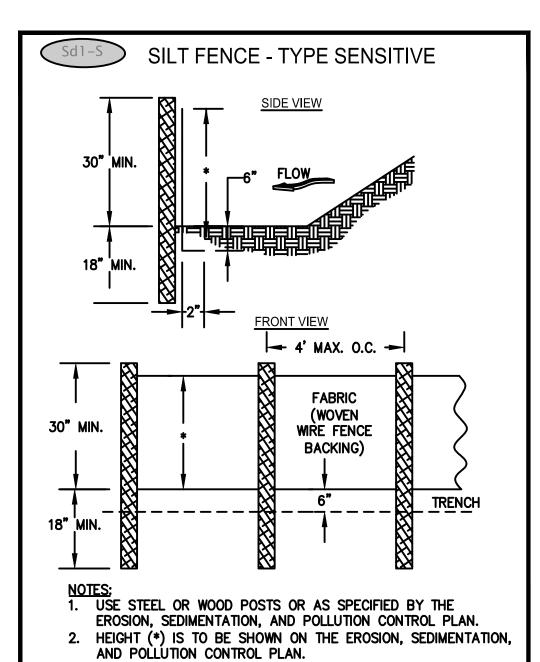


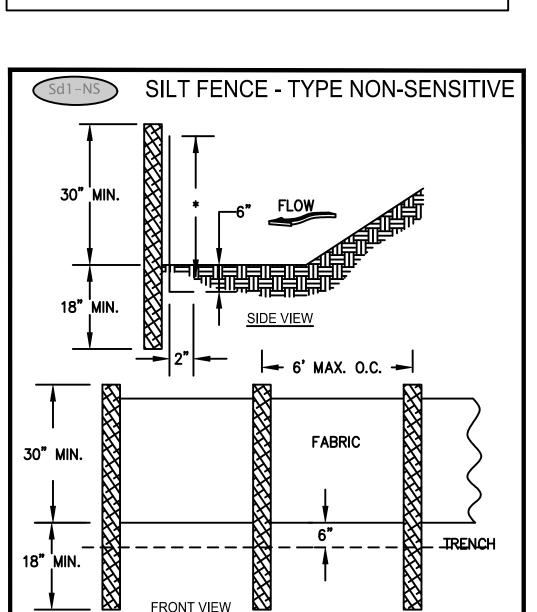


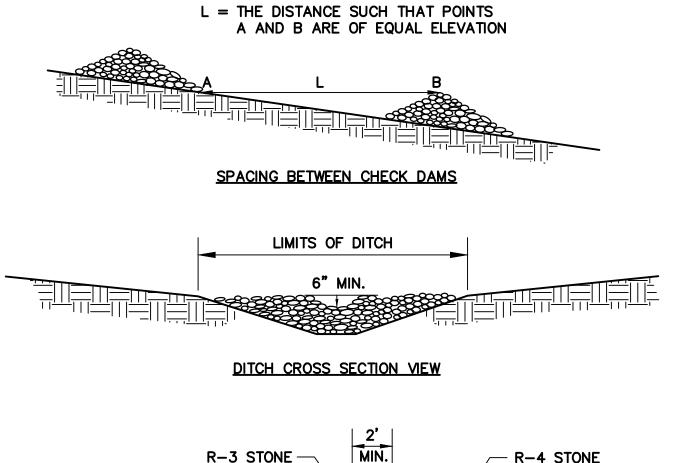
1. INSTALL FILTER AFTER ANY ASPHALT PAVEMENT INSTALLATION. 2. FILTER TO BE REMOVED IMMEDIATELY IF TRAFFIC HAZARDS ARE OBSERVED OR

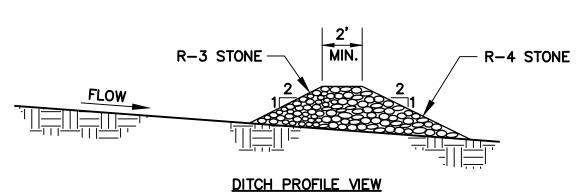
Sd2-P DETAIL - CURB INLET FILTER



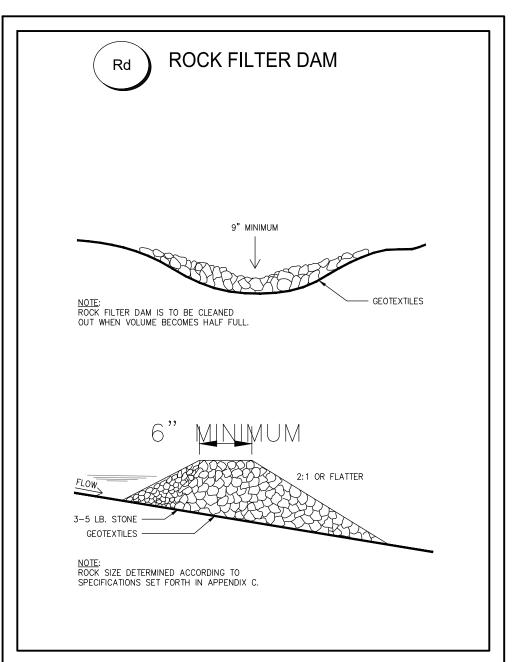


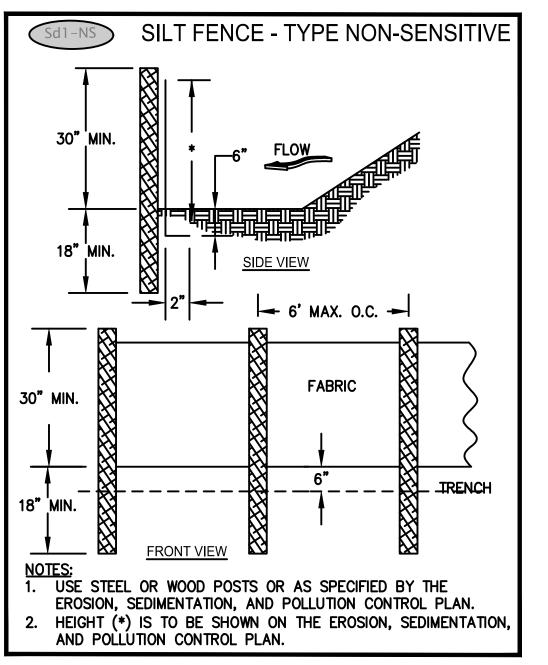






DETAIL - ROCK CHECK DAM N.T.S.



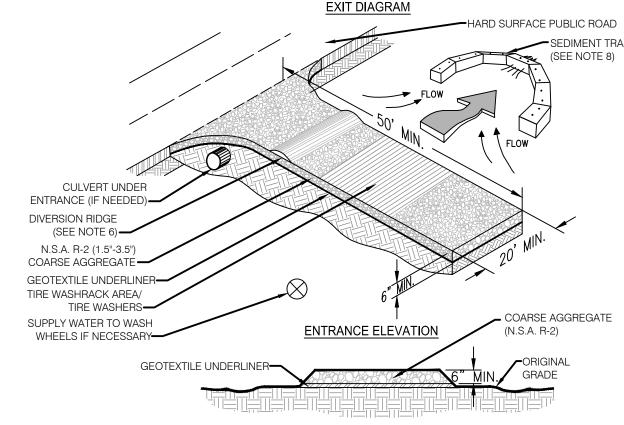


OWNER (TERTIARY PERMITTEE) JESSICA A. EDMUNDS 4961 AYERS ROAD MACON, GA 31210 PHONE: (478) 972-1845 E-MAIL: jedmunds@mcarthurlawfirm.com

24 HOUR CONTACT JESSICA A. EDMONDS, Esq. PHONE: (478) 320-7443

Russell R Wheeler Level II Certified Design Professional CERTIFICATION NUMBER 0000052746

ISSUED: <u>09/01/2017</u> EXPIRES: <u>09/01/2020</u>

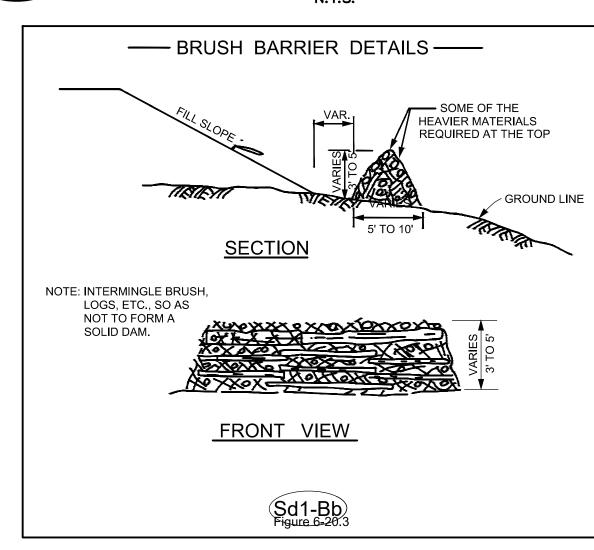


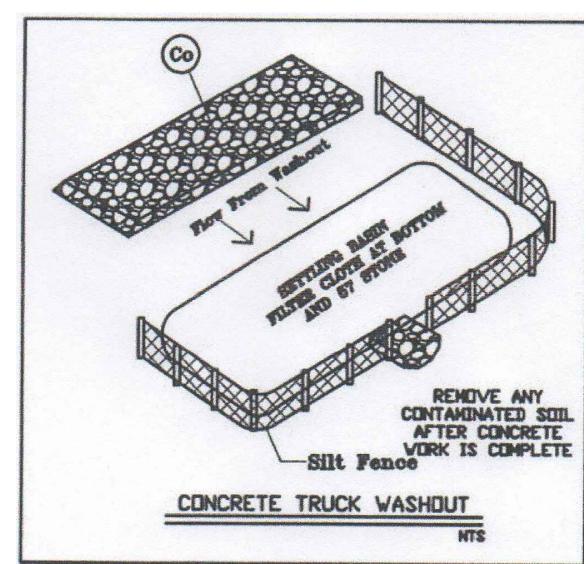
- NOTES:

 1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.

 OF THE LINE HARD FROM THE 2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
- 3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2
- 4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
- 5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
- 6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%..
- 7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
- 8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
- 9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
- 10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

<u>DETAIL - TEMPORARY CONSTRUCTION EXIT</u>





PROJECT NO.: PEP 001 DATE: APRIL 30, 2019 SCALE:

SUBDIVISION

ENINSULA EAGLE'S F 312 WHISKE

AONDS, E

(e). Existing construction activities, i.e., those that are occurring on or before the effective date of this permit, that have met

the sampling required by (a) above shall sample in accordance with (b). Those existing construction activities that have—

'Note that the permittee may choose to meet the requirements of (a) and (b) above by collecting turbidity samples from any

the fifteenth day of the month following the reporting period. Reporting periods are months during which samples are take

in accordance with this permit. Sampling results shall be in a clearly legible format. Upon written notification, EPD may

equire the applicable permittee to submit the sampling results on a more frequent basis. Sampling and analysis of any

sterm water discharge(s) or the receiving water(s) beyond the minimum frequency stated in this permit must be reported in

a similar manner to the EPD. The sampling reports must be signed in accordance with Part V.C.2. Sampling reports mus

All written correspondence required by this permit shall be submitted by return receipt certified mail (or similar service)

to the appropriate District Office of the EPD according to the schedule in Appendix A of this permit. The permittee shall—

retain a copy of the proof of submittal at the construction site or the proof of submittal shall be readily available at a

designated location from commencement of construction until such time as a NOT is submitted in accordance with Part VI.-

lf an electronic submittal is provided by EPD then the written correspondence may be submitted electronically; if required, a

be submitted to EPD until such time as a NOT is submitted in accordance with Part VI.

a. The rainfall amount, date, exact place and time of sampling or measurements

e. The name(s) of the certified personnel who performed the analyses;

i. Certification statement that sampling was conducted as per the Plan.

b. The name(s) of the certified personnel who performed the sampling and measure

h. Results which exceed 1000 NTU shall be reported as "exceeds 1000 NTU;" and

paper copy must also be submitted by return receipt certified mail or similar service.

f. References and written procedures, when available, for the analytical techniques or methods used:

(2). All sampling results shall include the following information:

required to submit the sampling results to the EPD at the address shown in Part II.C. by

met the sampling required by (b) above shall net be required to conduct additional sampling other than as required by (

obligations under (a), (b), or (c) above; and

Reporting of Sampling Results: N/A

e. The date(s) analyses were performed;

d. The time(s) analyses were initiated;

For this site, reports shall be provided to:

13. I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for an appropriate and

"Manual for Erosion and Sediment Control in Georgia" (Manual) published by the State Soil and Water Conservation

comprehensive system of Best Management Practices required by the Georgia Water Quality Control Act and the document

Commission as of January 1 of the year in which the land-disturbing activity was permitted, provides for the sampling of the

15. Non-exempt activities shall not be conducted within the 25- or 50-foot undisturbed stream buffers as measured from the

16. Lot 52 (312 Whiskey Street is within 200' of a state water. There are no buffer encroachments and no buffer variances are

17. Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be

retrofitting (Rt), inlet sediment traps (Sd2), temporary sediment basins (Sd3), temporary sediment traps (Sd4), floating surface

18. Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit. No section

19. The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and

20. Erosion control measures shall 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

21. Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.

skimmers (Sk), seep berms (Sp), temporary stream crossings (Sr), storm drain outlet protection (St), turbidity curtains (Tc), and

certified by the design professionall. These items include, but are not limited to, diversions (Di), temporary downdrain

structures (Dn1), permanent downdrain structures (Dn2), level spreaders (Lv), rock filter dams (Rd), retaining walls (Re),

point of wrested vegetation without first acquiring the necessary variances and permits.

vegetated waterways or stormwater conveyance channels (Wt.)

404 permit has been obtained for this development.

practices prior to land disturbing activities.

sediment source.

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 and stated

Georgia Environmental Protection Division 2640 Shurling Drive Macon, GA 31211-3576 (478) 751-6612

West Central District Office

on page 17 & 18 of the Permit.

33. The tertiary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part VI of General NPDES Permit No. GAR100003:

a. A copy of all Notices of Intent submitted to EPD;

A copy of the Erosion, Sedimentation and Pollution Control Plan required by GAR 100003; The design professional's report of the results of the inspection conducted in accordance with Part IV.A.5 of GAR d. A copy of all monitoring information, results, and reports required by GAR 100003;

A copy of all inspection reports generated in accordance with Part IV.D.4.a of GAR 100003;

A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2 of GAR

Daily rainfall information collected in accordance with Part IV.D.4.a.(2) of GAR 100003.

Copies of all Notices of Intent, Notices of Termination, inspection reports, sampling reports (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) or other reports requested by the EPD, Erosion, Sedimentation, and Pollution Control Plans, records of all data used to complete the Notice of Intent to be covered by this permit, and all other records required by this permit shall be retained by the permittee who either produced or used it for a period of at least three years from the date that the NOT is submitted in accordance with Part VI of this permit. These records must be maintained at the permittee's primary place of business or at a designated alternative location once the construction activity has ceased at the permitted site. This period may be extended by request of the EPD at any time upon written notification to the permittee.

34. Storm water samples shall be retrieved from the sampling point as indicated on N/A of this plan.

a. Sample Type. All sampling shall be collected by "grab samples" and the analysis of these samples 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 Sterm Water Sampling Guidance Document, EPA 833 B 92 001" and guidance documents that may be prepared by the EPD.

(1). Sample containers should be labeled prior to collecting the samples.

eleaned theroughly to avoid contamination.

(4). Manual, automatic, or rising stage sampling may be utilized. Samples required by this plan should be analyzed immediately, but in no case later than 48 hours after collection. However, samples from automatic samplers must be collected no later than the next business day after their accumulation, unless flow through automated analysis is utilized. If

PAGE 3 OF 8 Segment. N/A

25. Concrete truck washout location shall be in a temporary truck wash area located at the site entrance. Washout shall be contained within a pit or trench with no material leaving the site or impacting vegetated or non-disturbed areas. Disposal of material shall include the breaking of material into small amounts for trash disposal or removal from the site to an appropriate landfill. Washout of the drum at the construction site is prohibited.

Paint and/or other chemicals shall be stored in secured facilities with restricted access to employees only. Cleanup and disposal of this material shall be in accordance with all recognized local and federal requirements. All disposal shall be in approved off site waste facilities classified to accept that material.

26. All petroleum products shall be stored and used in an area that provides a secondary containment feature, and shall be located in an area with the least foreseeable impact if a catastrophic event should occur. Emergency contact numbers and procedures for spills shall be available on-site. All petroleum spills and leaks shall be remediated immediately. The flow must be stopped, contained, and affected soils removed. In the event of a spill or leak, contact First Environmental Nationwide toll free at (888) 720-1330.

27. Description of the practices to provide cover for building materials and building products on site. N/A

28. The site will be stabilized with permanent grassing in order to reduce pollutants in stormwater discharges.

29. Dust control, a construction exit, temporary sediment traps, temporary grassing, and permanent grassing shall be used to reduce pollutants in storm water discharges from the construction site.

30. A 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 BMP's, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization) is depicted on Sheet 2 of this plan.

31. Inspections:

Termination is submitted.

to EPD as specified in Part IV.E.

(f). The samples should be kept free from floating debris.

standard set forth in Parts III.D.3 or III.D.4, whichever is applicable.

36. The sampling locations are depicted on N/A of this plan.

a site size of N/A acres and a drainage basin < N/A square miles in a warm water fishery.

b. Sampling Points

PAGE 2 OF 8

PAGE 6 OF 8

a. Permittee requirements. (1). Each day when any type of construction activity has taken place at a primary permittee's site, certified 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 and (b) all locations at the primary permittee's site where vehicles enter or exit the site for evidence of off-site sediment tracking. These inspections must be conducted until a Notice of

(2). Measure rainfall once every 24 hours except any non-working Saturday, non-working Sunday, and non-working Federal holiday until a Notice of Termination is submitted. Measurement of rainfall may be suspended if all areas of the site have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region. N/A

(3). Certified personnel (provided by the tertiary permittee) shall inspect the following 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 (unless such storm ends after 5:00 PM on any Friday or on any non-working Saturday, non-working Sunday, or any non-working Federal holiday, in which case the inspection shall be completed by the end of the next business day and/or working day, whichever comes first); (a) disturbed areas of the tertiary permittee's construction site; (b) areas used by the tertiary permittee for storage of materials that are exposed to precipitation; and (c) structural control measures. Erosion and sediment control measures identified in the Plan applicable to the tertiary permittee's site shall be observed to ensure that they are operating correctly. Where discharge

water(e) and outfall(e). Samples taken for the purpose of compliance with this permit shall be representative of the monitored acti-

(a). The upstream sample for each receiving water(s) must be taken immediately upstream of the confluence of the first storm water

discharge from the permitted activity (i.e., the discharge farthest upstream at the site) but downstream of any other storm water discharges not associated permitted activity. Where appropriate, several upstream samples from across the receiving water(s) ma

discharge from the permitted activity (i.e., the discharge farthest downstream at the site) but upstream of any other storm water

water(s) may need to be taken and the arithmetic average of the turbidity of these samples used for the downstream turbidity water(s)

(e). Ideally the samples should be taken from the herizontal and vertical center of the receiving water(s) or the storm water outfor

(d). Care should be taken to avoid stirring the bottom sediments in the receiving water(s) or in the outfall storm water channel

mittees do not have to sample sheet flow that flows onto undisturbed natural areas or areas stabilized by the project. F

purposes of this section, stabilized shall mean, for unpaved areas and areas not covered by permanent structures and areas out.

the waste disposal limits of a landfill cell that has been certified by EPD for waste disposal, 100% of the soil surface is uniformly

covered in permanent vegetation with a density of 70% or greater, or landscaped according to the Plan (uniformly covered with

landscaping materials in planned landscape areas), or equivalent permanent stabilization measures as defined in the Manual

(h). All sampling pursuant to this permit must be done in such a way (including generally accepted sampling methods, locations

35. In accordance with Appendix B, the maximum NTU's from the outfall shall not exceed N/A-NTUs. The turbidity was selected for

timing, and frequency) as to accurately reflect whether storm water runoff from the construction site is in compliance with the

(excluding a crop of annual vegetation and a seeding of target crop perennials appropriate for the region).

need to be taken and the arithmetic average of the turbidity of these samples used for the upstream turbidity value.

and representative of the water quality of the receiving water(s) and/or the storm water outfalls using the following minimum

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). For areas of a site that have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region, the permittee must comply with Part IV.D.4.a.(4) of Permit GAR 100003. These inspections must be conducted until a Notice of Termination is

(4). Certified personnel (provided by the primary 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 site that have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region. 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 that 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).

(5). 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) calendar days following each inspection. Implementation of such changes shall be made as soon as practical but in no case later than seven (7) calendar days following each inspection.

(6). A report of each inspection that includes the name(s) of certified personnel making each inspection, the date(s) of each inspection, construction phase (i.e., initial, intermediate, or final), major observations relating to the implementation of the Erosion, Sedimentation and Pollution Control Plan, and actions taken in accordance with Part IV.D.4.a.(5) of GAR 100003 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 is submitted to EPD. Such reports shall be readily available by end of the second business day and/or working day and shall identify all incidents of best management practices that have not been properly installed and/or maintained as described in the Plan. Where the report does not identify any incidents, the inspection report shall contain a certification that the best management practices are in compliance with the Erosion, Sedimentation, and Pollution Control Plan. The report shall be signed in accordance with Part V.G.2 of GAR 100003.

32. Sampling Frequency: N/A

(1). The primary permittee must sample in accordance with the Plan at least once for each rainfall event described below. For a qualifying event, the permittee shall sample at the beginning of any storm water discharge to a monitored receiving water and/or from a monitored outfall location within forty five (45) minutes or as soon as possible

(2). However, where manual and automatic sampling are impossible (as defined in this permit), or are beyond

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 or from an outfall, the first rainevent that reaches or exceeds 0.5 inch with a storm water discharge that occurs du in this permit either 90 days after the first sampling event or after all mass grading operations have been so prior to submittal of a NOT, in the drainage area of the location selected as the san

37. This plan is phased into an initial sediment storage and perimeter control BMP plan, an intermediate grading and drainage BMP plan, and a final BMP plan as follows. Initial, Intermediate, and Final BMP's have been combined into a single lot typical erosion control plan, see Sheet 2.

38. This Plan addresses BMPs for individual building lots. A typical lot erosion control detail can be found on sheet 2 of this plan.

39. A graphic scale and north arrow are depicted on Sheet 1.

40. Existing and proposed contour lines are depicted on Sheet 1. Contour lines are drawn at an interval of 1'. The existing contour lines are based on topographic information from AutoCAD Infraworks 2019.

41. No alternate BMPs are proposed in this plan.

42. No alternate BMPs are proposed in this plan.

43. There is an existing 25' stream buffer for the unnamed tributary to Lake Tobesofkee. This buffer does not encroach on the

44. The lots are located within 200' of wetlands or state waters.

45. No hydrology study is required for tertiary permitees therefore no drainage basins have been delineated.

46. No hydrology report with drainage basins for the pro- and post developed conditions accompanies these plans. N/A

47. An estimate of the runoff coefficient or peak discharge flow of his site prior to and after construction activities are completed.

48. Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. There are no storm drain outlets associated with this plan requiring outlet protection. Stormwater leaves the building site by overland sheet

49. Soil series and their delineation are depicted on Sheet 1 of this plan.

50. The limits of disturbance for the building site encompasses approximately 1.2 acres as depicted on Sheets 1.

51. 67 cubic yards of sediment storage per disturbed acre drained will be stored using a temporary sediment trap and/or silt fence. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. Sediment storage calculations are shown on Sheet 1 of this plan.

52. Best management practices depicted on Sheet 2 of this plan are consistent with the requirements of the *Manual for Erosion* and Sediment Control in Georgia. The legend for the BMP's can be found on Sheet 3 of this plan.

53. Detailed drawings for all structural practices are depicted on Sheets 3 of this plan. The installation of these practices must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.

54. A vegetative plan, noting temporary and permanent vegetative practices, is depicted on Sheet 5 of this plan.

OWNER (TERTIARY PERMITTEE) JESSICA A. EDMUNDS 4961 AYERS ROAD MACON, GA 31210 PHONE: (478) 972-1845 E-MAIL: jedmunds@mcarthurlawfirm.com

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C \ \ \ / C GEORGIA SOIL AND WATER

Russell R Wheeler Level II Certified Design Professional

CERTIFICATION NUMBER 0000052746 EXPIRES: 09/01/2020 ISSUED: 09/01/2017

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PROJECT NO.: PEP 001 DATE: APRIL 30, 2019 SCALE: 1" = 1'

•	POLLUTION CONTROL PLAN CHECKLIST ION PROJECTS (Primary and Tertiary Permittees)			ly note the statement that "Amendments/revisions to the ES&PC Plan which have	e a significant effect on	2 Y 38 Plan addresses BMPs for all phases of common development including individual building lots and out-par	cels,			
SWCD:OCMULGEE RI	IVER SWCD		l	s with a hydraulic component must be certified by the design professional. Iy note the statement that "Waste materials shall not be discharged to waters of the statement that "Waste materials shall not be discharged to waters of the statement is a support of the statement of the statement is a support of the statement of the statement is a support of the statement of the statement is a support of the statement	the State, except as	etc. regardless of who owns or operates the individual sites. Include a typical and any situational lots applicable.				
City/County: MACON/BIBB D	Address: <u>312 Whiskey Street</u> Date on Plans: <u>4/30/2019</u>			rized by a Section 404 permit." ly note statement that "The escape of sediment from the site shall be prevented."	by the installation of	1 Y 39 Graphic scale and North arrow. 1 Y 40 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following				
lan Included	RUSSELL WHEELER, P.E. rwheeler@tpointeng.com		erosio	on and sediment control measures and practices prior to land disturbing activities		Map Scale Ground Slope Contour Intervals, ft.).			
age # Y/N	WN ON ES&PC PLAN Pollution Control Plan Checklist established by the Commission as			ly note statement that "Erosion control measures will be maintained at all times. oved Plan does not provide for effective erosion control, additional erosion and se	•	1 inch = 100ft or Flat 0 - 2% 0.5 or 1 larger scale Rolling 2 - 8% 1 or 2				
of January 1 of the year in which the land-di				sures shall be implemented to control or treat the sediment source."	14 days shall be	Steep 8% + 2,5 or 10 4 Y 41 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to				
	Commission, signature and seal of the certified design professional.			ly note the statement "Any disturbed area left exposed for a period greater than ized with mulch or temporary seeding."	14 days shall be	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				
(Signature, seal and Level II number must be reviewed)	pe on each sheet pertaining to ES&PC Plan or the Plan will not be		, 	ation that the applicable portion of the primary permittees ES&PC Plan is to be prindary permittee prior to the secondary conducting any construction activity and the		www.gaswcc.org.				
	n 50 acres at any one time without prior written authorization from		shall s	all sign the Plan or portion of the Plan applicable to their site. List the names and addresses of all secondary mittees.*		4 Y 42 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Mar for Erosion & Sediment Control in Georgia 2016 Edition.	nual			
must include at least 4 of the BMPs listed in			l —— —— ·	construction activity which discharges storm water into an Impaired Stream Segm	ent, or within 1 linear	1 Y 43 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additi	onal			
	st be attached to the Plan for the Plan to be reviewed.) Ir local contact responsible for erosion, sedimentation and pollution controls.			upstream of and within the same watershed as any portion of an Biota Impaired ly with Part III. C. of the permit. Include the completed Appendix 1 listing all the	-	buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact. 1 Y 44 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.				
ALL Y 5 Provide the name, address, email address, a	and phone number of the primary permittee or tertiary permittee.			e areas of the site which discharge to the Impaired Stream Segment.* MDL Implementation Plan for sediment has been finalized for the Impaired Strea	m Segment (identified in	N/A 45 Delineation and acreage of contributing drainage basins on the project site. N/A 46 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions.*				
1 Y 6 Note total and disturbed acreage of the projection of the construction	ect or phase under construction. n exit for the site. Give the Latitude and Longitude in decimal		Item 2	23 above) at least six months prior to submittal of NOI, the ES&PC Plan must ad	- '	N/A 46 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions.* N/A 47 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are				
degrees.	-			itions or requirements included in the TMDL Implementation Plan.* s for concrete washdown of tools, concrete mixer chutes, hoppers and the rear o	f the vehicles. Washout	completed. *				
ALL Y 8 Initial date of the Plan and the dates of any r revisions.	revisions made to the Plan including the entity who requested the		of the	e drum at the construction site is prohibited.		N/A 48 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.				
Y 9 Description of the nature of construction acti	·		_ == =	de BMPs for the remediation of all petroleum spills and leaks. ription of practices to provide cover for building materials and building products o	n site.*	1,3 Y 49 Soil series for the project site and their delineation.				
1 Y 10 Provide vicinity map showing site's relation t necessary.	to surrounding areas. Include designation of specific phase, if			ription of the measures that will be installed during the construction process to co	ntrol pollutants in storm	1 Y 50 The limits of disturbance for each phase of construction. 1 Y 51 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin,				
1 Identify the project receiving waters and des residential areas, wetlands, marshlands, etc	scribe all sensitive adjacent areas including streams, lakes,			r that will occur after construction operations have been completed. ription of the practices that will be used to reduce the pollutants in storm water di	scharges.	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				
3 Y 12 Design professional's certification statement	t and signature that the site was visited prior to development of the			ription and chart or timeline of the intended sequence of major activities which dis ons of the site (i.e., initial perimeter and sediment storage BMPs, clearing and gr	·	storage volume must be in piace 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 controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a				
ES&PC Plan as stated on Part IV page 23 o	of the permit. t and signature that the permittee's ES&PC Plan provides for an		exca	vation activities, utility activities, temporary and final stabilization).		sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable	must			
	BMPs and sampling to meet permit requirements as stated on		4 Y 31 Provid	de complete requirements of inspections and record keeping by the primary pern nittee.	nittee or tertiary	also be given. Worksheets from the Manual must be included for structural BMPs and all calculations use the design professional to obtain the required sediment storage when using equivalent controls. When	d by			
	professional who prepared the ES&PC Plan is to inspect the installation of the	e		de complete requirements of sampling frequency and reporting of sampling resul	ts.*	discharging from sediment basins and impoundments, permittees are required to utilize outlet structures the withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface				
initial sediment storage requirements and point in accordance with Part IV.A.5 page 27 of the	perimeter control BMPs within 7 days after installation." he permit *			de complete details for retention of records as per Part IV.F. of the permit. ription of analytical methods to be used to collect and analyze the samples from a	each location.*	not feasible, a written justification explaining this decision must be included in the Plan. 3 Y 52 Location of Best Management Practices that are consistent with, and no less stringent than, the Manual fo				
	ot activities shall not be conducted within the 25 or 50-foot undisturbed			ndix B rationale for NTU values at all outfall sampling points where applicable.*		Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with				
stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances				eate all sampling locations if applicable, perennial and intermittent streams and on storm water is discharged. *	ther water bodies into	legend. 3-5 Y 53 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guideling	es			
and permits." 1 Y 16 Provide a description of any buffer encroach	hments and indicate whether a buffer variance is required.		4 Y 37 A des	scription of appropriate controls and measures that will be implemented at the co	•	set forth in the Manual for Erosion and Sediment Control in Georgia. 5 Y 54 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting				
			BMPs	itial sediment storage requirements and perimeter control BMPs, (2) intermediate s, and (3) final BMPs. For construction sites where there will be no mass grading	g and the initial	dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time				
				eter control BMPs, intermediate grading and drainage BMPs, and final BMPs are pine all of the BMPs into a single phase.	e the same, the Plan may	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 Tertiary Permittees with a Plan(s) for a typical				
						individual lot(s), if the total land disturbance within the construction site is less than five (5) acres 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 Januar				
	DEFINITION	SPECIFICATIONS		DEFINITION	MATERIALS	<u>DEFINITION</u>				
	The establishment of temporary vegetative cover with fast growing seedings for seasonal protection on disturbed or denuded areas.	Grading and Shaping		A permanent vegetation using sods on highly erodible or critically eroded lands.	 Sod selected should be certified. Sod grown in the general area of the project is desirable. Sod should be machine cut and contain 3/4" ±1/4" of soil, not including shoots 	Controlling surface and air movement of dust on construction sites, roads, and demolition sites.				
	CONDITIONS	erosion control practices such as close sediment barriers and others.	ed by properly designed and installed ad drains, ditches, dikes, diversions,	CONDITIONS This application is appropriate for areas which require immediate vegetative	or thatch. - Sod should be cut to the desired size within ±5%. Torn or uneven pads should be rejected.	This practice is applicable to areas subject to surface and air movement of dust where on and off-site damage may				
should be coordinated with permanent measures to assure economical and effective stabilization. Most types of temporary vegetation are ideal to use as companion crops until the permanent vegetation is established. SEEDING RATES FOR TEMPORARY SEEDING RATE Per RATE Per PLANTING PATES **		No shaping or grading is required if slo vegetation or if hydraulic seeding equi		covers, drop inlets, grass swales, and waterways with intermittent flow . CONSTRUCTION SPECIFICATIONS INSTALLATION	Sod should be cut and installed within 36 hours of digging. Avoid planting when subject to frost heave or hot weather if irrigation is not	occur without treatment. METHOD AND MATERIALS				
		Seedbed Preparation		Soil Preparation	available The sod type should be shown on the plans or installed according to Table 6-6.2. See Figure 6-4.1 for your Resource Area.	A. TEMPORARY METHODS				
			bed preparation is not required. When edbed preparation is not required if the rainfall.	- Bring soil surface to final grade. Clear surface of trash, woody debris, stones and clods larger than 1". Apply sod to soil surfaces only and not frozen	Table 6-6.2. Sod Planting Requirements Grass Varieties Resource Area Growing Season	Mulches. See standard Ds1 - Disturbed Area Stabilization (With Mulching Only). Synthetic resins may be used instead of asphalt to bind mulch material. Refer to standard Tb-Tackifiers and Binders. Resins such as Curasol or Terratack should be used according to manufacturer's recommendations.				
		When soil has been sealed by rainfall or consists of smooth cut slopes, the soil shall be pitted, trenched or otherwise scarified to provide a place for seed to lodge and germinate. Lime and Fertilizer		surfaces, or gravel type soils. - Topsoil properly applied will help guarantee stand. Don't use topsoil recently treated with herbicides or soil sterilants.	Bermudagrass Common M-L,P,C Tifway P,C Tifgreen P,C Warm Weather	Vegetative Cover. See standard Ds2 - Disturbed Area Stabilization (With Temporary Seeding).				
				 Mix fertilizer into soil surface. Fertilize based on soil tests or Table 6-6.1. For fall planting of warm season species, half the fertilizer should be applied at planting and the other half in the spring. 	Tiflawn P,C Warm Weather	Spray-on Adhesives. These are used on mineral soils (not effective on muck soils). Keep traffic off these areas. Refer to standard Tb-Tackifiers and Binders.				
	Rye 3.9 pounds 3 bu. 9/1-3/1	Agricultural lime is required unless so agricultural lime at a rate of one ton pe		Table 6-6.1. Fertilizer Requirements for Soil Surface Application	Centipede - P,C Warm Weather	Tillage. This practice is designed to roughen and bring clods to the surface. It is an emergency measure which should be used before wind erosion starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12 inches				
	Ryegrass 0.9 pound 40 lbs. 8/15-4/1 Annual 0.9 pound 40 lbs. 1/15-3/15	application. Soils can be tested to dete reasonably fertile soils or soil material		Fertilizer Type (lbs./acre) Fertilizer Rate (lbs./acre) Fertilizer Rate Season	St. Augustine Common Bitterblue C Warm Weather Raleigh	apart, spring-toothed harrows, and similar plows are examples of equipment which may produce the desired effect. Irrigation. This is generally done as an emergency treatment. Site is sprinkled with water until the surface is wet.				
	Lespedeza Weeping 0.4 pound 4 lbs. 2/45-6/45		pplied. Fertilizer should be applied before	- Agricultural lime should be applied based on soil tests or at a rate of 1 to 2	Zoysia Emerald P,C Warm Weather Myer	Repeat as needed. Barriers. Solid board fences, snow fences, burlap fences, crate walls, bales of hay and similar material can be used to				
	Lovegrass 0.1 pound 4 lbs. 2/15-6/15 Sudangrass 4.4 pounds 60 lbs. 3/4-8/4	Seeding		- Agricultural lime should be applied based on soil tests or at a rate of 1 to 2 tons per acre. <u>Installation</u>	Tall Fescue Kentucky M-L,P Cool Weather MAINTENANCE	control air currents and soil blowing. Barriers placed at right angles to prevailing currents at intervals of about 45 times their height are effective in controlling wind erosion.				
Browntop Millet Select a grass or grass-legume inxition for the continuous process of grass-legume inxition for the continuous process. Seed shall be applied in forming the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass or grass-legume inxition for the continuous process. Select a grass-legume inxition for the continuous		oy hand, cyclone seeder, drill, cultipacker luding seed and fertilizer). Drill or	- Lay sod with tight joints and in straight lines. Don't overlap joints. Stagger	Re-sod areas where an adequate stand of sod is not obtained. New sod should be mowed sparingly. Grass height should not be cut less	Calcium Chloride. Apply at rate that will keep surface moist. May need retreatment. B. PERMANENT METHODS					
		lace seed one-quarter to one-half inch ten times the seed diameter. Soil should bil if seeded by hand.	joints and do not stretch sod. On slopes steeper than 3:4, sod should be anchored with wooden or biodegradable pins or other approved methods. Installed and should be relied on tamped to provide good contact between sod	than 2"-3" or as specified. Apply one ton of agricultural lime as indicated by soil test or every 4-6 years. Fertilize grasses in accordance with soil tests or Table 6-6.3.	Permanent Vegetation, See standard Ds3 -Disturbed Area Stabilization (With Permanent Vegetation). Existing trees and large shrubs may afford valuable					
		Mulching		Installed sod should be rolled or tamped to provide good contact between sod and soil. Irrigate sod and soil to a depth of 4" immediately after installation. Good should not be out as good in contamply yet or dry weather.	Table 6-6.3. Fertilizer Requirements for Sod	protection if left in place. Topsoiling. This entails covering the surface with less erosive soil material. See standard Tp - Topsoiling.				
	Temporary vegetation can, in most cas mulch. Mulch without seeding should be Befor to Det - Disturbed Area Stabiliza		oe considered for short term protection.	 Sod should not be cut or spread in extremely wet or dry weather. Irrigation should be used to supplement rainfall for a minimum of 2-3 weeks. 	Types of Species Planting Year Fertilizer (N-P-K) Rate (lbs./acre) Planting Year (N-P-K)	Stone. Cover surface with crushed stone or coarse gravel. See standard Cr-Construction Road Stabilization.				
DS2 DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING) Irrigation During times of drought, water shall be erosion. The soil shall be thoroughly w			Ds4 DISTURBED AREA STABILIZATION (WITH SODDING)	Cool First 6-42-42 1500 50-100 Season Second 6-12-12 1000 - Grasses Maintenance 40-10-10 400 30	DUST CONTROL ON					
		e applied at a rate not causing runoff and etted to a depth that will insure pplications should be made when needed.		Warm First 6-42-42 4500 50-400 Season Second 6-42-42 800 50-400 Grasses Maintenance 40-40-40 400 30	Du <u>DISTURBED AREAS</u>					
	germination of the seed.			Malakira						
	DEFINITION The planting of perennial vegetation such as trees, shrubs, vines, grasses, or	to provide two places 6 to 8 inches apa	oss the slope with appropriate hand tools rt in which seed may lodge and	Mulching Mulch is required for all permanent vegetation applications. Mulch applied to	The combination of asphalt emulsion and water shall consist of a homogeneous mixture satisfactory for spraying. The mixture shall consist of 400 gallons of grade SS-1h or CSS-1h emulsified asphalt and 400 gallons of water per ton of	DEFINITION 2. Wood waste (chips, sawdust or bark) shall be applied at a depth of 2 to 3 inches. Organic material from the clearing Applying plant residues or other suitable materials, stage of development should remain on site, be chipped,	OWNER			
legumes on exposed areas for final permanent stabilization. Permanent perennial vegetation shall be used to achieve final stabilization CONDITIONS CONDITIONS Permanent perennial vegetation is used to provide a protective cover for exposed areas including cuts, fills, dams, and other denuded areas. Individual Plants 1. Where individual plants are to be seen holes, opening furrows, or dibble plant are to be seen holes, opening furrows, or dib		o de used.	seeded areas shall achieve 75% soil cover. Select the mulching material from the following and apply as indicated:	mulch. Care shall be taken at all times to protect state waters, the public, adjacent property, pavements, curbs, sidewalks, and all other structures from asphalt	produced on the site if possible, to the soil surface. and applied as mulch. This method of mulching can greatly reduce erosion control costs. 3. Cutback asphalt (slow curing) shall be applied at 1200	JESSICA				
			a rate of 2 1/2 tons per acre.	discoloration. 2. Hay and straw mulch shall be pressed into the soil immediately after the mulch is spread. A special "packer disk" or disk harrow with the disks set	gallons per acre (or 1/4 gallon per sq.yd.). Mulch or temporary grassing shall be applied to all exposed areas within 4d days of disturbance. Mulch can be	4961 AYE MACON,				
		without crowding. 3. Where pine seedlings are to be plant	be large enough to accommodate roots ted, subsoil under the row 36 inches deep	Wood cellulose mulch or wood pulp fiber shall be used with hydraulic seeding. It shall be applied at the rate of 500 pounds per acre. Drystraw or dry hay shall be applied (at the rate indicated above) after hydraulic seeding.	straight may be used. The disks may be smooth or serrated and should be 20 inches or more in diameter and 8 to 12 inches apart. The edges of the disks shall be dull enough to press the mulch into the ground without cutting it,	exposed areas within 4 days of unsurveince, which can be used as a singular erosion control device for up to six months, but it shall be applied at the appropriate depth, Applying Mulch	PHONE:			
	<u>SPECIFICATIONS</u>		to planting. Subsoiling should be done	 One thousand pounds of wood cellulose or wood pulp fiber, which includes a tackifier, shall be used with hydraulic seeding on slopes 3/4:4 or steeper. 	leaving much of it in an erect position. Mulch shall not be plowed into the soil.	depending on the material used, anchored, and have a continuous 90% cover or greater of the soil surface. Maintenance shall be required to maintain appropriate applied to provide full coverage of the exposed area.	E-MAIL: j			

4. Sericea lespedeza hay containing mature seed shall be applied at a rate of

5. Pine straw or pine bark shall be applied at a thickness of 3 inches for bedding

purposes. Other suitable materials in sufficient quantity may be used where

6. When using temporary erosion control blankets or block sod, mulch is not

7. Bituminous treated roving may be applied on planted areas on slopes, in

applied within 24 hours after an area has been planted. Application rates and materials must meet Georgia Department of Transportation specifications.

Wood cellulose and wood pulp fibers shall not contain germination or growth inhibiting factors. They shall be evenly dispersed when agitated in water. The

Straw or hay mulch will be spread uniformly within 24 hours after seeding

and/or planting. The mulch may be spread by blower-type spreading equipment,

other spreading equipment or by hand. Mulch shall be applied to cover 75% of

Wood cellulose or wood fiber mulch shall be applied uniformly with hydraulic

Anchor straw or hay mulch immediately after application by one of the following

following mulch application when straw or hay is spread by methods other than SWITCH GRASS 0.9 POUND

1. Emulsified asphalt can be (a) sprayed uniformly onto the mulch as it is

ejected from the blower machine or (b) sprayed on the mulch immediately

fibers shall contain a dye to allow visual metering and aid in uniform application

ornamentals or other ground covers are planted. This is not appropriate

for seeded areas.

during seeding.

seeding equipment.

Anchoring Mulch

special blower equipment.

Grading and Shaping

plant establishment.

Seedbed Preparation

Broadcast plantings

appropriate standards and specifications.

seedbed preparation will be done as follows:

Grading and shaping may not be required where hydraulic seeding and

fertilizing equipment is to be used. Vertical banks shall be sloped to enable

When conventional seeding and fertilizing are to be done, grade and shape

where feasible and practical, so that equipment can be used safely and efficiently during seedbed preparation, seeding, mulching and maintenance of

oncentrations of water that will cause excessive soil erosion shall be diverted to

a safe outlet. Diversions and other treatment practices shall conform with the

Seedbed preparation may not be required where hydraulic seeding and fertilizing equipment is to be used. When conventional seeding is to be used,

Tillage at a minimum, shall adequately loosen the soil to a depth of 4 to 6

inches; alleviate compaction; incorporate lime and fertilizer; smooth and firm the soil; allow for the proper placement of seed, sprigs, or plants; and allow for

DISTURBED AREA STABILIZATION

WITH PERMANENT VEGETATION)

the anchoring of straw or hay mulch if a disk is to be used.

2. Tillage may be done with any suitable equipment.

. Tillage should be done on the contour where feasible.

Hydraulic Seeding

Mix the seed (innoculated if needed), fertilizer, and wood cellulose or wood pulp

fiber mulch with water and apply in a slurry uniformly over the area to be

Seeding will be done on a freshly prepared and firmed seedbed. For broadcast

planting, use a cultipacker seeder, drill, rotary seeder, other mechanical seeder,

Cover the seed lightly with 1/8 to 1/4 inch of soil for small seed and 1/2 to 1 inch

or hand seeding to distribute the seed uniformly over the area to be treated.

No-till seeding is permissible into annual cover crops when planting is done following maturity of the cover crop or if the temporary cover stand is sparse

enough to allow adequate growth of the permanent (perennial) species. No-till seeding shall be done with appropriate no-till seeding equipment. The seed must be uniformly distributed and planted at the proper depth.

Shrubs, vines and sprigs may be planted with appropriate planters or hand

tools. Pine trees shall be planted manually in the subsoil furrow. Each plant shall be set in a manner that will avoid crowding the roots. Nursery stock plants

shall be planted at the same depth or slightly deeper than they grew at the

nursery. The tips of vines and sprigs must be at or slightly above the ground surface. Where individual holes are dug, fertilizer shall be placed in the bottom

of the hole, two inches of soil shall be added and the plant shall be set in the

for large seed when using a cultipacker or other suitable equipment.

treated. Apply within one hour after the mixture is made.

intenance shall be required to maintain appropriate

sturbed for less than six months. If an area will remain

pth and 90% cover. Temporary vegetation may be

listurbed for greater than six months, permanent

This standard applies to grades or cleared areas where seedings may not have a suitable growing season to

produce an erosion retardant cover, but can be stabilized

. Grade to permit the use of equipment for applying and

such as dikes, diversions, berms, terraces and sediment

Loosen compact soil to a minimum depth of 3 inches.

1. Dry straw or hay shall be applied at a depth of 2 to 4

is material is easy application.

ches providing complete soil coverage. One advantage of

(IULCHING ONLY)

aployed instead of mulch if the area will remain

getative techniques shall be employed.

IULCHING WITHOUT SEEDING

PECIFICATIONS

with a mulch cover.

nchoring mulch.

1. Dry straw or hay mulch and wood chips shall be applied

2. If the area will eventually be covered with perennial

nitrogen caused by the decomposition of the organic

vegetation, 20-30 pounds of nitrogen per acre in addition to the normal amount shall be applied to offset the uptake of

3. Cutback asphalt shall be applied uniformly. Care should

be taken in areas of pedestrian traffic due to problems of

1. Straw or hay mulch can be pressed into the soil with a

disk harrow with the disk set straight or with a special

"packer disk." Disks may be smooth or serrated and should

be 20 inches or more in diameter and 8 to 12 inches apart.

The edges of the disk should be dull enough not to cut the

mulch but to press it into the soil leaving much of it in an

after application. Straw or hay mulch spread with special

100 gallons of emulsified asphalt and 100 gallons of water

per ton of mulch. Tackifers and binders can be substituted

for emulsified asphalt. Please refer to specification To -Tackifers and Binders. Plastic mesh or netting with mesh

no larger than one inch by one inch shall be installed

according to manufacturer's specifications.

2. Netting of the appropriate size shall be used to anchor

than the average size of the wood waste chips.

3. Polyethylene film shall be anchor trenched at the top as

well as incrementally as necessary.

erect position. Straw or hay mulch shall be anchored

uniformly by hand or by mechanical equipment.

'tracking in" or damage to shoes, clothing, etc. 4. Apply polyethylene film on exposed areas.

Anchoring Mulch

STABILIZATION (WITH wood waste. Openings of the netting shall not be larger

fulching Materials
elect one of the following materials and apply at the depth
be sprayed onto the mulch as it is ejected from the

conjunction with or immediately after the mulch is spread. Synthetic tackifiers

shall be mixed and applied according to manufacturer's specifications. Refer to

4. Rye or wheat can be included with Fall and Winter plantings to stabilize the

mulch. They shall be applied at a rate of one-quarter to one half bushel per acre

needed to anchor straw or hay mulch on unstable soils and concentrated flow

SEEDING RATES FOR

PERMANENT SEEDING

RATE Per Acre *

60 LBS.

10 LBS.

BLOCK SOD

ONLY

75 LBS.

4 LBS.

40 LBS.

PLANTING DATES **

1/1-12/31

2/15-7/1

4/1-7/1

1/1-12/31

2/1-6/15

3/15-6/1

areas. These materials shall be installed and anchored according to

Irrigation shall be applied at a rate that will not cause runoff.

1,000 sq.ft.

4.4 POUNDS

0.2 POUND

BLOCK SOD

ONLY

4.7 POUNDS

0.1 POUND

** Seeding dates may need to be altered to fit temperature variations and conditions

5. Plastic mesh or netting with mesh no larger than one inch by one inch may be

Tb - Tackifiers and Binders.

manufacturer's specifications.

SPECIES

BERMUDA

LESPEDEZA

(TERTIARY PERMITTEE) A. EDMUNDS ERS ROAD , GA 31210 : (478) 972-1845 jedmunds@mcarthurlawfirm.com

24 HOUR CONTACT PHONE: (478) 320-7443

JESSICA A. EDMONDS, Esq.

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

Russell R Wheeler

Level II Certified Design Professional

CERTIFICATION NUMBER 0000052746 ISSUED: <u>09/01/2017</u> EXPIRES: <u>09/01/2020</u>

PROJECT NO.: PEP 001

APRIL 30, 2019

DATE:

SCALE:

SUBDIVISION

EAGLE'S POINTE &

WHISKEY STRE

SUL

EDMONDS, FACON-BIBB COUNT



OP ID: BC

ACORD

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 06/13/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed.

	SUBROGATION IS WAIVED, subject his certificate does not confer rights t		cert	ificate holder in lieu of su	ıch end	dorsement(s)).	•	t. A	statement on	
PRODUCER 478-746-7332 Roland, Abbott, & DeZoort Ins.						CONTACT William Sean DeZoort					
398	5 ARKWRIGHT RD., STE 103				PHONE (A/C, No, Ext): 478-746-7332 FAX (A/C, No): 478-746-7359						
MA	CON, GA 31210 liam Sean DeZoort				E-MAIL ADDRE	_{ss:} sdezoor	t@dezoorti	ns.com			
VVIII	nam Sean Dezoort					INS	URER(S) AFFOR	DING COVERAGE		NAIC #	
					INSURER A. CINCINNATI INSURANCE CO					10677	
INSU	JRED				INSURER B : NCCI-GEORGIA						
RDO	JRED 5 VENTURES LLC AN GRIFFIN BOX 27838				INSURER C : DONEGAL INSURANCE GROUP					22586	
PO M A	BOX 27838 CON, GA 31221				INSURER D :						
IVIA	50N, GA 31221				INSURER E :						
	VED 4 050			- NUMBER	INSURER F:						
				E NUMBER:	/E DEE			REVISION NUMBER:		21 101/ DEDICE	
	HIS IS TO CERTIFY THAT THE POLICIES NDICATED. NOTWITHSTANDING ANY R										
	ERTIFICATE MAY BE ISSUED OR MAY										
	XCLUSIONS AND CONDITIONS OF SUCH				BEEN I			I			
INSR LTR	TYPE OF INSURANCE	INSD	SUBR WVD	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s		
С	X COMMERCIAL GENERAL LIABILITY							EACH OCCURRENCE	\$	1,000,000	
	CLAIMS-MADE X OCCUR			CPA8973798		07/15/2019	07/15/2020	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	100,000	
								MED EXP (Any one person)	\$	5,000	
								PERSONAL & ADV INJURY	\$	1,000,000	
	GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE	\$	2,000,000	
	POLICY PRO- JECT LOC							PRODUCTS - COMP/OP AGG	\$	2,000,000	
	OTHER:							TROBOOTO COMITOT NOC	\$		
Α	AUTOMOBILE LIABILITY							COMBINED SINGLE LIMIT	\$	1,000,000	
	X ANY AUTO			EBA 0357267		07/45/2040	07/15/2020	(Ea accident)	Ť	• • •	
	OWNED AUTOS ONLY SCHEDULED AUTOS			LBA 0337207		07/13/2019	07/13/2020	Besiler interior (i or percent)	\$		
								BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	\$		
	HIRED AUTOS ONLY NON-OWNED AUTOS ONLY							(Per accident)	\$		
			-						\$		
	UMBRELLA LIAB OCCUR							EACH OCCURRENCE	\$		
	EXCESS LIAB CLAIMS-MADE	1						AGGREGATE	\$		
_	DED RETENTION \$							DED OTH	\$		
В	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	N/A			5556-01	11/04/2018	11/04/2019	X PER OTH- STATUTE ER		4 000 000	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)			TARGA1006556-01				E.L. EACH ACCIDENT	\$	1,000,000	
								E.L. DISEASE - EA EMPLOYEE	\$	1,000,000	
	If yes, describe under DESCRIPTION OF OPERATIONS below							E.L. DISEASE - POLICY LIMIT	\$	1,000,000	
DES	CRIPTION OF OPERATIONS / LOCATIONS / VEHIC	LES (ACORE	D 101, Additional Remarks Schedu	ile, may b	e attached if mo	re space is requi	red)			
<u> </u>	DTIFICATE LIQUES				CANI	>=====================================					
<u>UE</u>	RTIFICATE HOLDER				CAN	CELLATION					
					SHC	OULD ANY OF	THE ABOVE D	ESCRIBED POLICIES BE C	ANCE	LLED BEFORE	
	NATE & JESSICA EDMO	NDe			THE	EXPIRATION	N DATE TH	EREOF, NOTICE WILL			
	NATE & JESSICA EDINO	פטויו			l acc	ORDANCE WI	TH THE POLIC	CY PROVISIONS.			

AUTHORIZED REPRESENTATIVE William Sean DeZoort