TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources
William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee, 37243
1-888-891-8332 (TDEC)

Application for Aquatic Resource Alteration Permit (ARAP) & State §401 Water Quality Certification

OFFICIAL STATE USE ONLY	Site #:		Permit #:	

NR 2004.167

Section 1. Applicant Information *(individual responsible for site, signs certification below)*

Applicant Name (company or individual): CMH Parks, Inc. dba Goodall Homes		SOS #: 000206909	Status:
Primary Contact/Signatory: Will Gayle		Signatory's Title or Position: Vice President of Land Development	
Mailing Address: 393 Maple Street, Suite 109		City: Gallatin	State: TN Zip: 37066
Phone: (615)451-8591	Fax:	E-mail: wgayle@goodallhomes.com	

Section 2. Alternate Contact/Consultant Information (*a consultant is not required*)

Alternate Contact Name: Jake Vincent			
Company: Ragan-Smith Associates		Title or Position: Engineering Consultant	
Mailing Address: 315 Woodland St		City: Nashville	State: TN Zip: 37206
Phone: (615)244-8591	Fax:	E-mail: jvincent@ragansmith.com	

Section 3. Fee *(Application will be incomplete until fee is received)*

☐ No Fee ☒ Fee Submitted with Application Amount Submitted: $ 500.00

Current application fee schedules can be found at the Division of Water Resources webpage at:
https://www.tn.gov/environment/permit-permits/water-permits1/aquatic-resource-alteration-permit--arap-.html
or by calling (615) 532-0625. Please make checks payable to "Treasurer, State of Tennessee".

Billing Contact Name (if different from Applicant): Name: Email:

Address: Phone:

Section 4. Project Details *(fill in information and check appropriate boxes)*

Site or Project Name: Stonebridge - Phase 32 & 33		Nearest City, Town or Major Landmark: Lebanon
Street Address or Location (include Zip): Northwest of Leeville Pike and Stonebridge Boulevard (37090)		
County(ies): Wilson	MS4 Jurisdiction: Lebanon	Latitude (dd.dddd): 36.188552
		Longitude (dd.dddd): -86.386613

Resource Proposed for Alteration: ☒ Stream / River ☐ Wetland ☐ Reservoir

Name of Water Resource (for more information, access *http://tdeconline.tn.gov/dwr*): North Fork of Cedar Creek

Brief Project Description (a more detailed description is required under Section 8):

Installation of a proposed water line for a residential subdivision

Does the proposed activity require approval from the U.S. Army Corps of Engineers, the Tennessee Valley Authority, or any other federal, state, or local government agency? ☐ Yes ☒ No

If Yes, provide the permit reference numbers:

Is the proposed activity associated with a larger common plan of development: ☒ Yes ☐ No

If Yes, submit site plans and identify the location and overall scope of the common plan of development.

Plans attached? ☒ Yes ☐ No

If applicable, indicate any other federal, state, or local permits that are associated with the overall project site (common plan of development) that have been obtained in the past (e.g., construction general permit and/or other ARAP):

CGP

Application for Aquatic Resource Alteration Permit (ARAP) & State §401 Water Quality Permit

Section 5. Project Schedule *(fill in information and check appropriate boxes)*			
Proposed Start Date: July, 2020		*Estimated End Date:*	July, 2021
Is any portion of the activity complete now?	☐ *Yes*	☐ *No*	
If yes, describe the extent of the completed portion:			

The required information in Sections 6-11 must be submitted on a separate sheet(s) and submitted in the same numbered format as presented below. If any question is not applicable, state the reason why it is not applicable.

Section 6. Description		**Attached** Yes	No
6.1	A narrative description of the scope of the project	☒	☐
6.2	USGS topographic map indicating the exact location of the project (*can be a photographic copy*)	☒	☐
6.3	Photographs of the resource(s) proposed for alteration with location description (*photo locations should be noted on map*)	☒	☐
6.4	A narrative description of the **existing** stream and/or wetland characteristics including, but not limited to, dimensions (e.g., depth, length, average width), substrate and riparian vegetation	☒	☐
6.5	A narrative description of the **proposed** stream and/or wetland characteristics including, but not limited to, dimensions (e.g., depth, length, average width), substrate and riparian vegetation	☐	☒
6.6	In the case of wetlands, include a wetland delineation with delineation forms and site map denoting location of data points	☐	☒
6.7	A copy of all hydrologic or jurisdictional determination documents issued for water resources on the project site	☐	☒

Section 7. Project Rationale	**Attached** Yes	No
Describe the need for the proposed activity, including, but not limited to, the purpose, alternatives considered, and what will be done to avoid or minimize impacts to water resources	☒	☐

Section 8. Technical Information		**Attached** Yes	No
8.1	Detailed plans, specifications, blueprints, or legible sketches of present site conditions and the proposed activity. Plans must be 8.5.x 11 inches. Additional larger plans may also be submitted to aid in application review. The detailed plans should be superimposed on existing and new conditions *(e.g., stream cross sections where road crossings are proposed)*	☒	☐
8.2	For both the proposed activity and compensatory mitigation, provide a discussion regarding the sequencing of events and construction methods	☒	☐
8.3	Depiction and narrative on the location and type of erosion prevention and sediment control (EPSC) measures for the proposed alterations	☒	☐

Section 9. Water Resources Degradation (degree of proposed impact) *Note that in most cases, activities that exceed the scope of the General Permit limitations are considered greater than de minimis degradation to water quality.*

Please provide your basis for concluding the proposed activity will cause one of the following levels of water quality degradation:

a. ☒ *De minimis degradation*

b. ☐ Greater than *de minimis degradation* (if greater than *de minimis complete Sections 10-11)*

For information and guidance on the definition of de minimus and degradation, refer to the Antidegradation Statement in Chapter 0400-40-03-.06 of the Tennessee Water Quality Criteria Rule at: http://publications.tnsosfiles.com/rules/0400/0400-40/0400-40.htm

For information on specifics on what General Permits can cover, refer to the Natural Resources Unit webpage at: http://www.tn.gov/environment/permit-permits/water-permits1/aquatic-resource-alteration-permit--arap-/permit-water-aquatic-resource-alteration-list-of-general-permits.html

Application for Aquatic Resource Alteration Permit (ARAP) & State §401 Water Quality Permit

Section 10. Detailed Alternatives Analysis		Attached Yes	Attached No
10.1	Analyze all reasonable alternatives and describe the level of degradation caused by each of the feasible alternatives	☐	☐
10.2	Discuss the social and economic consequences of each alternative	☐	☐
10.3	Demonstrate that the degradation associated with the preferred alternative will not violate water quality criteria for uses designated in the receiving waters, and is necessary to accommodate important economic and social development in the area	☐	☐

Section 11. Compensatory Mitigation		Attached Yes	Attached No
11.1	A detailed discussion of the proposed compensatory mitigation	☐	☐
11.2	Describe how the compensatory mitigation would result in no net loss of resource value	☐	☐
11.3	Provide a detailed monitoring plan for the compensatory mitigation site	☐	☐
11.4	Describe the long-term protection measures for the compensatory mitigation site *(e.g., deed restrictions, conservation easement)*	☐	☐

Certification and Signature

An application submitted by a corporation must be signed by a principal executive officer; from a partnership or proprietorship, by the partner or proprietor respectively; from a municipal, state, federal or other public agency or facility, the application must be signed by either a principal executive officer, ranking elected official, or other duly authorized employee.

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Printed Name	Official Title	Signature	Date
Will Gu the Developm. MGt.	Development MGt.		06/16/2020

Submitting the form and obtaining more information. Note that this form must be signed by the principal executive officer, partner or proprietor, or a ranking elected official in the case of a municipality; for details see **Certification and Signature** statement above. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC). Submit the completed ARAP Application form (keep a copy for your records) to the appropriate EFO for the county(ies) where the ARAP activity is located, addressed to **Attention: ARAP Processing**. You may also electronically submit the complete application and all associated attachments to water.permits@tn.gov.

EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	8383 Wolf Lake Drive, Bartlett	38133-4119	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Drive	38305-4316	Chattanooga	1301 Riverfront Pkwy., Ste. 206	37402
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601

CLAYTON PROPERTIES GROUP, INC.

Vendor: TN Dept Env & Conservation

24074

Check Date: June 22, 2020

INVOICE DATE	INVOICE NO	DESCRIPTION	INV. AMOUNT	DISCNT TAKEN	BALANCE
6-19-20	061920	SB Ph32&33 ARAP Fee	500.00	.00	500.00

RECEIVED

JUN 24 2020

BY: _____

Chk. Date	6-22-20	Chk. No.	24074	Totals	500.00	.00	500.00

WARNING - THIS CHECK IS PROTECTED BY SPECIAL SECURITY FEATURES

CLAYTON PROPERTIES GROUP, INC.
dba Goodall Homes
393 Maple Street, Suite 100
Gallatin, TN 37066

SunTrust Bank
64-79/611

24074

DATE: June 22, 2020

PAY ONLY 500 00 CENTS (Five Zero Zero)

$********500.00

PAY Five Hundred and 00/100 Dollars

TENNESSEE DEPARTMENT OF ENVIRONMENT & CONSERVATION
DIVISION OF WATER POLLUTION CONTROL
APPLICATION FOR AQUATIC RESOURCE ALTERATION PERMIT (ARAP)

STONEBRIDGE – PHASES 32 & 33

LEBANON

WILSON COUNTY, TENNESSEE

JUNE, 2020

PREPARED BY:

RAGAN-SMITH-ASSOCIATES, INC.
315 Woodland Street
Nashville, Tennessee 37206
(615) 244-8591

06-038/8212

SECTION 6

PROJECT DESCRIPTION

6.1 – A NARRATIVE DESCRIPTION OF THE SCOPE OF THE PROJECT.

This overall project is for a residential development. The activities will include: clearing, grubbing, and grading for the necessary infrastructure and lot grading.

This project will consist of one water line crossing of an unnamed tributary of Middle Fork Cedar Creek deemed jurisdictional per determinations made by the Tennessee Department of Environment and Conservation (TDEC).

Total Number of Crossings on Entire Site for General Permit:

#1 A 12" dip water line crossing

6.2 – USGS TOPOGRAPHIC MAP INDICATING THE EXACT LOCATION OF THE PROJECT.

Reference exhibits

6.3 – PHOTOS OF THE PROPOSED RESOURCE

6.4 – A NARRATIVE DESCRIPTION OF THE EXISTING STREAM CHARACTERISTICS

The existing stream is approximately 26 ft. in width with top of bank elevation at approximately 628 ft. The existing steam has a low water level with slow moving water as seen in the photos from section 6.3.

6.6 – IN THE CASE OF WETLANDS, INCLUDE A WETLAND DELINEATION WITH DELINEATION FORMS AND SITE MAP DENOTING LOCATION OF DATA POINTS.

N/A, there are no wetlands affected by this construction activity.

6.7 – A COPY OF ALL HYDROLOGIC OR JURISDICTIONAL DETERMINATION DOCUMENTS ISSUED FOR WATER RESOURCES ON THE PROJECT SITE.

Reference exhibits

SECTION 7

PROJECT RATIONALE

7.1 – DESCRIBE THE NEED FOR THE PROPOSED ACTIVITY, INCLUDING, BUT NOT LIMITED TO, THE PURPOSE, ALTERNATIVES CONSIDERED, AND WHAT WILL BE DONE TO AVOID OR MINIMIZE IMPACTS TO THE STREAM

The purpose of this project is to provide water service to the proposed residential development.

Stream crossing #1 is necessary to provide water line access to the proposed residential development.

The locations, lengths, and details of the crossings are included in the enclosed exhibits.

The developer will ensure proper EPSC measures are implemented to minimize impact to jurisdictional waters.

SECTION 8

TECHNICAL INFORMATION

8.1 – DETAILED PLANS, SPECIFICATIONS, BLUEPRINTS, OR LEGIBLE SKETCHES OF PRESENT SITE CONDITIONS AND THE PROPOSED ACTIVITY. PLANS MUST BE 8.5 X 11 INCHES. ADDITIONAL LARGER PLANS MAY ALSO BE SUBMITTED TO AID IN APPLICATION REVIEW. THE DETAILED PLANS SHOULD BE SUPERIMPOSED ON EXISTING AND NEW CONDITIONS.

Reference the exhibits

8.2 – FOR BOTH THE PROPOSED ACTIVITY AND COMPENSATORY MITIGATION, PROVIDE A DISCUSSION REGARDING THE SEQUENCING OF EVENTS AND CONSTRUCTION METHODS.

Initial erosion control parameters will be implemented. Equipment will be brought on site. Only necessary clearing and grubbing to limit impact. Digging of trenches and instillation of utilities. Replacing disturbed area with natural substrate.

8.3 – DEPICTION AND NARRATIVE ON THE LOCATION AND TYPE OF EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES FOR THE PROPOSED ALTERATIONS.

Work to be done during dry weather and low flow conditions to maximum extent possible. Water shall be pumped around the stream crossing trenching area. Best management practices shall be used at all times. Silt fencing, wattles, erosion control matting and rip-rap will be used to prevent

erosion.

SECTION 10

DETAILED ALTERNATIVES ANALYSIS

10.1 – ANALYZE ALL REASONABLE ALTERNATIVES AND DESCRIBE THE LEVEL OF DEGRADATION CAUSED BY EACH OF THE FEASIBLE ALTERNATIVES.

The no-build alternative was not considered for crossing #1 because it is required to provide water line access to the proposed residential subdivision.

10.2 – DISCUSS THE SOCIAL AND ECONOMIC CONSEQUENCES OF EACH ALTERNATIVE.

Refer to section 10.1

10.3 – DEMONSTRATE THAT THE DEGRADATION ASSOCIATED WITH THE PREFERRED ALTERNATIVE WILL NOT VIOLATE WATER QUALITY CRITERIA FOR USES DESIGNATED IN THE RECEIVING WATERS, AND IS NECESSARY TO ACCOMMODATE IMPORANT ECONOMIC AND SOCIAL DEVELOPMENT IN THE AREA.

Refer to section 10.1

DATE	APRIL 2018
DESIGNED:	JFV
DRAWN:	ALA
SCALE:	NOT TO SCALE
JOB NO.	WK. ORDER
06038	8212

WESTSIDE

STONEBRIDGE

PHASES TWENTY-NINE

FOR

GOODALL, INC

LEBANON, WILSON COUNTY, TN

USGS TOPO

RAGAN • SMITH

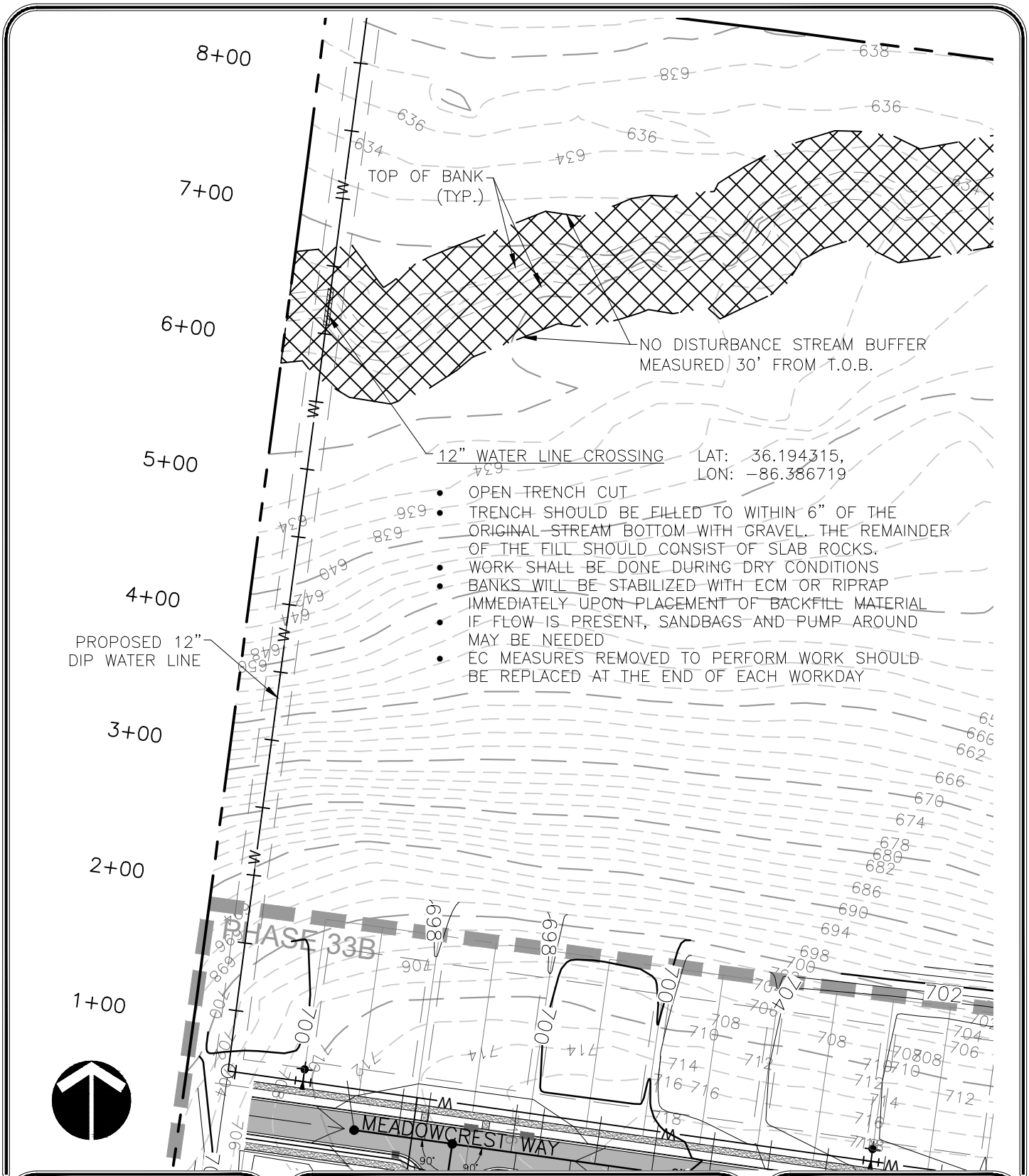
LAND PLANNERS • CIVIL ENGINEERS
LANDSCAPE ARCHITECTS • SURVEYORS

NASHVILLE
315 WOODLAND STREET
P.O. BOX 60070
NASHVILLE, TN. 37206
(615) 244-8591

CHATTANOOGA
1410 COWART STREET
SUITE 200
CHATTANOOGA, TN 37408
(423) 490-9400

• www.ragansmith.com •

G:\06038-8212\1-Civil Engineering\Phase 32\4-Environmental\8212 - Ph.32 TDEC EXHIBITS.dwg



DATE	8/8/2019
DESIGNED:	JFV
DRAWN:	GSL
SCALE:	1"=100'
JOB NO.	WK. ORDER
06038	8212

STONEBRIDGE - PHASE 32 & 33
CROSS COUNTRY WATER LINE
GOODALL, INC.

CITY OF LEBANON, WILSON COUNTY, TENNESSEE

PLAN VIEW

RAGAN•SMITH
LAND PLANNERS • CIVIL ENGINEERS
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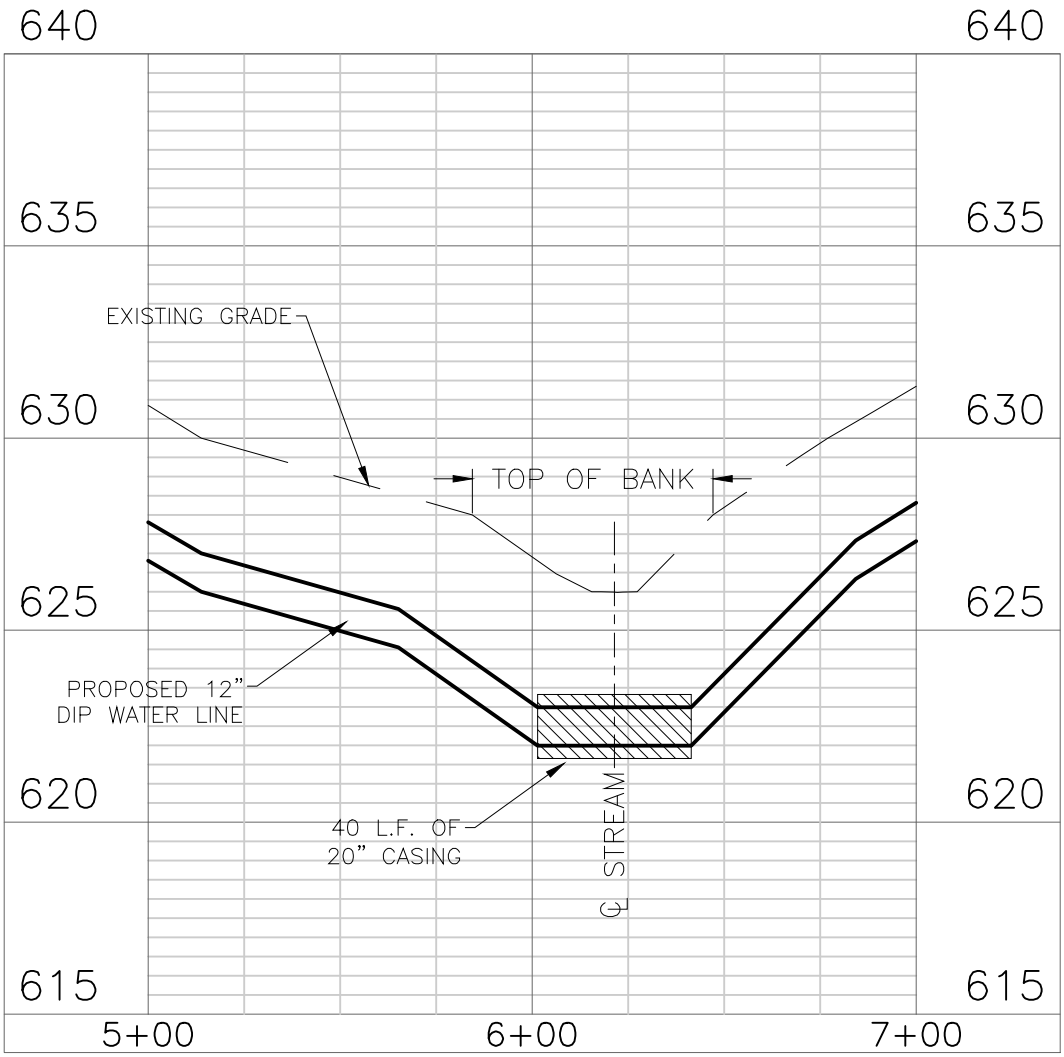
EXHIBIT C



PROFILE VIEW SCALES:

1" =50' HORIZONTAL
1" =5' VERTICAL

DATE	8/8/2019
DESIGNED:	JFV
DRAWN:	GSL
SCALE:	AS SHOWN
JOB NO.	WK. ORDER
06038	8212

STONEBRIDGE - PHASE 32 & 33
CROSS COUNTRY WATER LINE

GOODALL, INC.

CITY OF LEBANON, WILSON COUNTY, TENNESSEE

PROFILE VIEW

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