

STATE OF TENNESSEE

DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Solid Waste Management William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 14th Floor Nashville, Tennessee 37243

February 13, 2024

Bishop Wagener Rutherford County Solid Waste Department 6000 Landfill Road Murfreesboro, TN 37130 CERTIFIED MAIL #7021 0950 0001 7916 6192 RETURN RECEIPT REQUESTED

RE: Registration of Convenience Center

Rockvale (aka John and Mary Hayes) Convenience Center— CCC750000615

Dear Mr. Wagener:

Your application for registration of the Rockvale (aka John and Mary Hayes) Convenience Center, located in Rutherford County at 8964 Rockvale Road, Rockvale, Tennessee 37153 (latitude 35.75814/longitude -86.53144) has been reviewed and approved. This letter will serve as official notice that the above-referenced facility has been registered by the Tennessee Department of Environment and Conservation (TDEC), Division of Solid Waste Management (DSWM), under Rule 0400-11-01-.02(2)(b)4 of Tennessee's Solid Waste Processing and Disposal Regulations. This facility shall be deemed to have a Permit-By-Rule, provided the criteria of Rule 0400-11-01-.10(3) are met, including the permit conditions as submitted with your application.

The registration number for this facility is CCC750000615 This number should be used on all reports and correspondence to TDEC or DSWM regarding this facility.

If you have questions concerning this letter, please feel free to contact Brianna Rives of this office by email at Brianna.Rives@tn.gov or call 615-308-0104.

Sincerely,

Lisa A. Hughey, CHMM

Director

cc: Mike Horsley, DSWM, Nashville Environmental Field Office Manager Amy Katcher, DSWM, Materials Management Program Administrator

Records.SWM@tn.gov

JOHN AND MARY HAYES CONVENIENCE CENTER IN ROCKVALE RUTHERFORD COUNTY, TENNESSEE

TriAD Project 12-RSW01-01

Prepared for:



Rutherford County Solid Waste Department 6000 Landfill Road Murfreesboro, Tennessee 37130

Prepared by:

TriAD Environmental Consultants, Inc. 207 Donelson Pike Nashville, Tennessee 37214

December 20, 2023

John and Mary Hayes Convenience Center in Rockvale Rutherford County, Tennessee

In accordance with Rule 0400-11-01-.02(2)(b)4, TriAD Environmental Consultants, Inc., has prepared this narrative description on behalf of the Rutherford County Solid Waste Department to address the Permit-By-Rule requirements for the proposed John and Mary Hayes Convenience Center in Rockvale. The proposed convenience center will be located at 8964 Rockvale Road in Rockvale, Rutherford County, Tennessee and will provide recycling and waste disposal services for residents Rockvale and Rutherford County.

A drawing depicting the proposed facility layout and drainage features is provided in Attachment B. As proposed, vehicles will enter the facility from Rockvale Road and proceed to designated unloading areas before exiting the facility. The convenience center will offer separate areas to dispose of residential waste and recyclables. The existing convenience center located at 8923 Rockvale Road, east of Rockvale Road, will remain with its own Permit-By-Rule for potential use as an overflow facility. No household hazardous waste (HHW), medical, or special wastes will be accepted at the facility. Perimeter fencing, locking gates, and an office building will be constructed to control access to the site.

According to Rule 0400-11-01-.02(2)(a)1, a convenience center shall be deemed to have a permit by rule if the following conditions are met:

(i) Attach as part of the notification required by subpart (a)2.(iii) of this paragraph all attachments required pursuant to part (2)(b)1. Of Rule 0400-11-01-.10; and

A signed copy of the Solid Waste Permit-by-Rule Notification, including a site location map (i.e., Site Vicinity Map) is provided in Attachment A. A design plan (i.e., Site Plan) is provided as Attachment B.

- (ii) Design and operate the facility in compliance with Rule 0400-11-01-.10;
 - (a) Access The facility shall restrict unauthorized access by means of fencing with the ability to secure access points. Operating hours shall be posted at the facility.
 - Unauthorized access at the facility will be restricted by 6-foot chain link perimeter fence and locking entry and exit gates. A sign will be posted at the facility entrance noting hours of operation.
 - (b) Dust and Mud Control In order to prevent the creation of a nuisance or safety hazard all surfaces utilized for access and general operation shall be paved (includes compacted stone).

All surfaces utilized for convenience center access and operation will be paved with asphalt or concrete pavement and will be maintained to be accessible in all weather conditions.

(c) Run-on and Run-off Control

i. In order to prevent operational hazard all run-on surface water shall be diverted around the facility.

The facility will be graded to direct surface water run-on away from operational areas of the site. Storm water run-on control structures have been designed to accommodate a 10-year, 24-hour storm water event in accordance with the Rutherford County Stormwater Management Ordinance.

ii. In order to prevent ponding of surface water, the surface of the facility shall be graded to assure proper runoff control. All runoff shall be diverted to an area that can be controlled with reference to release from the property. The release shall be properly graded and stabilized to prevent erosion or other damage to adjoining properties. Release of solids in the runoff must be controlled.

The operational surfaces of the facility will be paved and graded to direct storm water runoff into a downgradient stormwater detention area. Riprap outlet protection at the discharge of the detention basin will prevent erosion prior to offsite discharge. Storm water runoff control structures have been designed to reduce runoff from the facility to below pre-development levels for the 100-year, 24-hour storm event. Good housekeeping practices and a forebay berm within the detention pond will prevent the release of solids in storm water runoff from the facility.

(d) Fire Safety – The facility must have on-site, properly maintained, fire suppression equipment. Arrangements must be made with the nearest available fire protection agency to provide additional protection.

Fire extinguishers will be available within the office building. Arrangements will be made with the Rutherford County Fire Department to provide additional protection. The Rutherford County Fire Station 4 is located at 8933 Rockvale Road, approximately 500 feet east of the site.

(e) Communication – There shall be maintained during operating hours onsite equipment capable of notifying the appropriate authorities of an emergency, unless it is demonstrated to the Commissioner's satisfaction that such requirement would be an unreasonable hardship at the convenience center location. All operators and supervisor(s) will be provided cellular telephones by Rutherford County for communication and to contact the appropriate authorities in the event of an emergency.

(f) Personnel Facilities

i. In order to provide shelter during inclement weather and store necessary records and supplies a suitable structure shall be provided on-site.

Necessary records and supplies will be stored in the office building. Suitable shelter from inclement weather will be provided by the office.

ii. Sanitary facilities shall be provided.

Sanitary facilities will be provided for onsite personnel within the office building.

(g) Water – Service water should be provided to the facility if equipment and/or the facility management requires such water for maintenance.

Onsite potable water will be supplied to the site; however, no service water will be required during facility operation.

(h) Process Water – If mechanical compaction is utilized all liquid generated by the equipment shall be collected and properly managed.

Compactors at the facility will be equipped with drip pans to collect liquids generated by mechanical compaction. Sorbent materials will be used, as necessary, to solidify and recover collected liquids. Solidified liquids will be placed in solid waste containers designated for such storage prior to disposal at a permitted, offsite Class I landfill.

(i) Waste Handling

i. Recycled material shall be placed in separate receiving containers;

Recyclable materials will be stored in separate receiving containers designed and designated for such storage.

 ii. All waste handling (including loading and unloading) shall be conducted on paved surfaces (pavement includes compacted stone); All waste handling, including loading and unloading, will be conducted on asphalt or concrete pavement.

iii. There is no storage of solid waste at the facility except in containers, bins, or on paved surface designed for such storage;

Solid waste will be accumulated in roll-off containers designed for such storage. The containers will be located on concrete or asphalt pavement or compacted stone.

iv. All litter shall be collected at the beginning and end of each working day. Incidents of illegal dumping shall be reported to local authorities and addressed in the annual revision of the solid waste plan.

Litter will be collected and properly disposed of at the beginning and end of each working day. Incidents of illegal dumping will be reported to local authorities and addressed in the annual revision to the solid waste plan.

(j) Facility Supervision – Trained personnel must always be present during operating hours. Training will be established per T.C.A. § 68-211-853.

Adequately trained and experienced operators and/or supervisor(s) will be present at the facility during operating hours.

(k) Siting Restrictions

i. Convenience centers shall not be located within wetlands, unless the owner or operator makes the applicable demonstrations to the Commissioner as referenced at subparagraph (2)(p) of Rule 0400-11-01.04.

No wetlands are located within the proposed facility boundary.

ii. The facility must not be located in a 100-year floodplain, unless the demonstration is made to the Commissioner as required at subparagraph (2)(n) of Rule 0400-11-01.04.

As depicted on the Federal Emergency Management Agency (FEMA), Flood Insurance Rate Maps for Rutherford County, Tennessee (Map No.: 47149C0245H) in Attachment C and the Site Plan in Attachment B, operational areas of the facility will not be located within a 100-year floodplain. The facility has been designed in accordance with Rutherford County Land Disturbance Permit requirements and will not restrict the flow of the 100-year floodplain nor reduce the temporary

water storage capacity of the floodplain. The facility has been designed and will be constructed and operated to prevent the washout of any solid waste.

iii. The facility must not cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife; or result in the destruction or adverse modification of a critical habitat.

The facility will not cause or contribute to the taking of any endangered or threatened species of plant, fish, or wildlife; or result in the degradation or adverse modification of a critical habitat.

iv. New convenience centers must not be located within fifty (50) feet of streams. In order to protect these, the area within the fifty feet must have a stable vegetative cover.

The proposed facility is not located within 50 feet of a stream.

(I) The facility shall not receive special waste unless approval is received from the Department in writing. Approval will require the construction of special containment areas.

No special waste will be accepted at the facility.

(m) The facility shall not receive medical waste.

No medical waste will be accepted at the facility.

ATTACHMENT A NOTIFICATION FORM INCLUDING VICINITY MAP



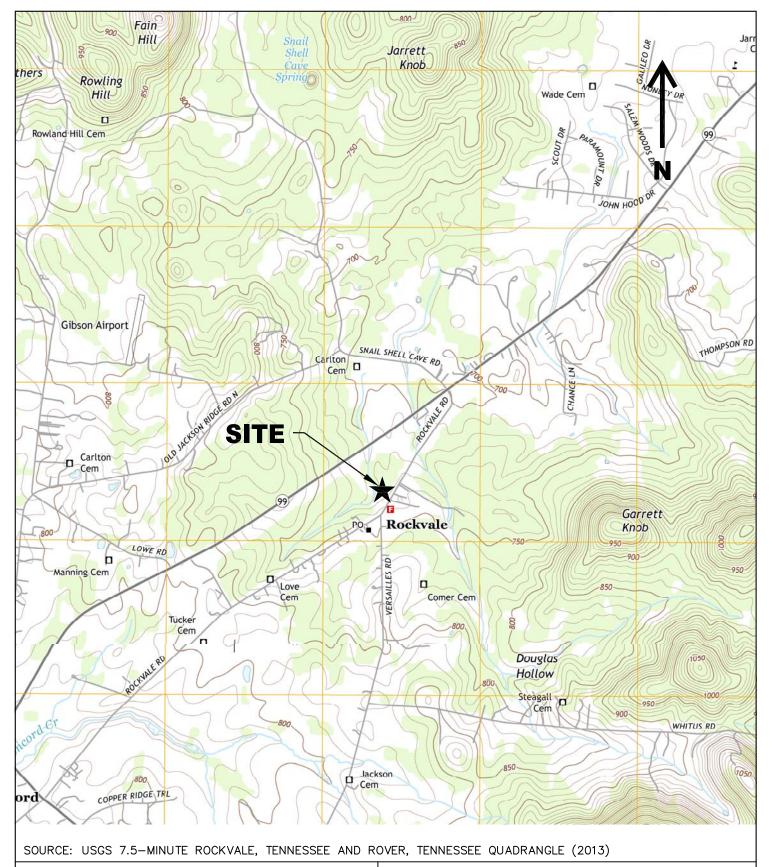
STATE OF TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION DIVISION OF SOLID WASTE MANAGEMENT WILLIAM R. SNODGRASS TENNESSEE TOWER 312 ROSA L. PARKS AVENUE, 14TH FLOOR

1. REVIEW FEE ENCLOSED?

YES NEW PROCESSING FACILITY (\$1,000)

NO NEW TRANSFER STATION (\$500)

NASHVILLE, TN 37243				I NEW	TRANSFER
SOLID WASTE PERMIT-BY-RULE NOTIFICATION					TON (\$500)
2. TYPE OF PERMIT- BY- RULE REQUESTE	D			PROCESSING F	ACILITIES ONLY
COMPOST FACILITY LAND APPLI		STATION OF	NEW FACILITY AMENDMENT TO EXISTING PERMIT	IS THIS FACILIT SUBJECT TO "TH JACKSON LAW"	∄ 🎇
3. FACILITY INFORMATION			· rate and a	FACILITY LOCATION	N COUNTY
FULL LEGAL NAME OF FACILITY	_			Rutherford	AL DECREES)
Rockvale Convenience				35.75814	AL DEGREES)
PHYSICAL LOCATION OR ADDRESS OF FACILITY		STATE	ZIP	LONGITUDE (DECI	MAL DEGREES)
8964 Rockvale Road	Rockvale	TN	37153	86.53144	
FACILITY MAILING ADDRESS	CITY	STATE		FACILITY EMAIL	
6000 Landfill Road	Murfreesbo		37130	_	utherfordcoប្ប
FACILITY MANAGER OR SITE OPERATOR	PHONE (WITH AREA COD			F DIFFERENT FROM	I PERMITTEE)
Bishop Wagener		615-898	-7948		_
4. APPLICANT (PERMITTEE)				A CHARGITAC	DA BACKTHAL
APPLICANT NAME		(WITH AREA CODE)	EMA	AIL -	
Rutherford County Solid Waste De	partment				
RESPONSIBLE OFFICIAL / TITLE		(WITH AREA CODE)	EMA		Programme and
Solid Waste Director	615-898	-7948	bwager	ner@rutherfor	dcountytn.go
RESPONSIBLE OFFICIAL MAILING ADDRESS		CITY	- 7- 3	STATE ZIP	
6000 Landfill Road		Murfreesboro		TN 37	130
LANDOWNER NAME	LANDOWNER MAILING A		CITY	STATE	ZIP
Rutherford County	6000 Landfil	l Road	Murfreesbo	ro TN	37130
Bishop Wagener Date: 2023.12.20 09:11:09-0600			-		T
	LANDOWNER SIGNATURI	ΙΔΝΙΟ	OWNER SIGNATU	IRE [DATE
	EANDOWNER SIGNATORI	EARTH AND A STREET	OWNER SIGNATO		
5. WASTE HANDLING DESCRIPTION OF ACTIVITIES AND WASTES HAI	IDI ED OB BROCESSED	AMOUNT OF WASTE H	JANIDI ED PROCE	SSED OR STORED	
The convenience center will provide di		6	50		480
of Rutherford County, Tennessee. Mai	terials to be		_	DLUME -	STORAGE MAX
accepted will include residential waste	and recyclables.	WEIGHT TONS / DAY		DS / DAY	CU YARDS
6. CERTIFICATION REQUIRED	Hartestand, and adversary	action and the second	THE RESERVE OF STREET		
I certify under penalty of law that this docume information is to the best of my knowledge an false information, including the possibility of declaration is made under penalty of perjury.	d belief, true, accurate, a	nd complete. I am aw	are that there are	significant penalti	es for submitting
			7	50	7
SIGNATURE OF RESP	PONSIBLE OFFICIAL		PRINTED NAME) .	ALIMINITE DE LA CONTRACTION DEL CONTRACTION DE LA CONTRACTION DE L
Co. C	D Man	_	12/2	0/2023	Cooocoocoo Wall
TITLE	1		DATE	(50	STATE OF SEL
O and	Do				TENNESSEY !
- Kachel	Long		10.162	027 = 3	NO WELL O
SIGNATURE OF NOT	ARY		DATE COMMISS	ION EXPIRES	HERFORD
(NOTARY SEAL) CN-1035 (Rev. 11-22)	DA	GE 1 OF 2		- Osy	MISSION EXERT 22
	PA	UL I UI Z			- Old Pie



PREPARED BY:

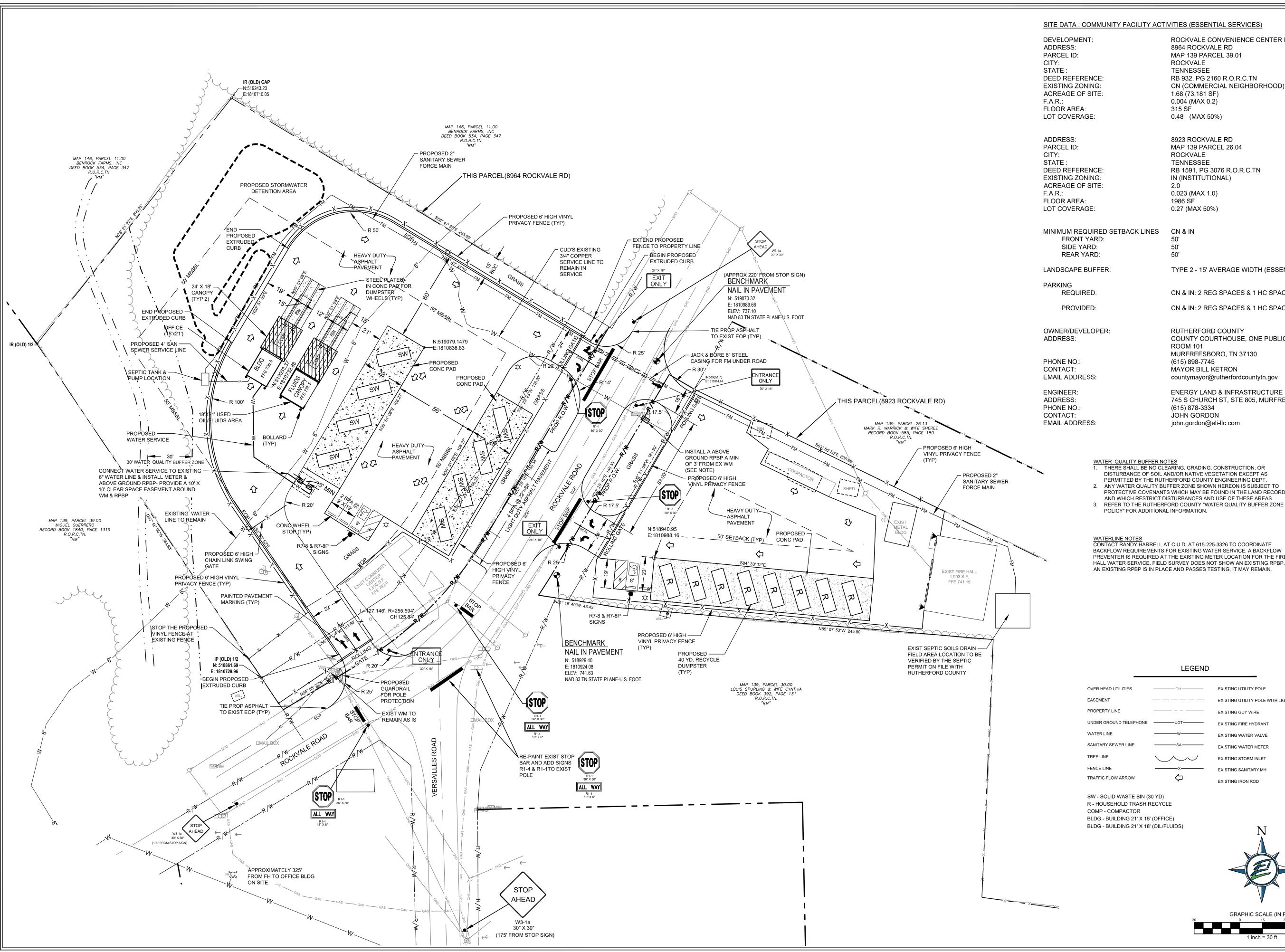


FIGURE 1 VICINITY MAP

8923 ROCKVALE ROAD ROCKVALE, TENNESSEE

DWG. DATE: 03/19/15	PROJECT NO.: 12-RSW02-01
SCALE: 1: 24,000	SHEET 1 OF 1

ATTACHMENT B SITE PLAN



SITE DATA: COMMUNITY FACILITY ACTIVITIES (ESSENTIAL SERVICES)

ROCKVALE CONVENIENCE CENTER IMPROVEMENTS 8964 ROCKVALE RD MAP 139 PARCEL 39.01

ROCKVALE **TENNESSEE** RB 932, PG 2160 R.O.R.C.TN

CN (COMMERCIAL NEIGHBORHOOD) 1.68 (73,181 SF) 0.004 (MAX 0.2)

0.48 (MAX 50%) 8923 ROCKVALE RD

MAP 139 PARCEL 26.04 ROCKVALE **TENNESSEE** RB 1591, PG 3076 R.O.R.C.TN IN (INSTITUTIONAL) 2.0

1986 SF 0.27 (MAX 50%) CN & IN

TYPE 2 - 15' AVERAGE WIDTH (ESSENTIAL SERVICES)

CN & IN: 2 REG SPACES & 1 HC SPACE CN & IN: 2 REG SPACES & 1 HC SPACE

RUTHERFORD COUNTY COUNTY COURTHOUSE, ONE PUBLIC SQUARE

ROOM 101 MURFREESBORO, TN 37130 (615) 898-7745

countymayor@rutherfordcountytn.gov

ENERGY LAND & INFRASTRUCTURE 745 S CHURCH ST, STE 805, MURFREESBORO, TN 37130

(615) 878-3334 JOHN GORDON john.gordon@eli-llc.com

> WATER QUALITY BUFFER NOTES
>
> 1. THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION, OR DISTURBANCE OF SOIL AND/OR NATIVE VEGETATION EXCEPT AS PERMITTED BY THE RUTHERFORD COUNTY ENGINEERING DEPT

2. ANY WATER QUALITY BUFFER ZONE SHOWN HEREON IS SUBJECT TO PROTECTIVE COVENANTS WHICH MAY BE FOUND IN THE LAND RECORDS AND WHICH RESTRICT DISTURBANCES AND USE OF THESE AREAS.

POLICY" FOR ADDITIONAL INFORMATION.

WATERLINE NOTES
CONTACT RANDY HARRELL AT C.U.D. AT 615-225-3326 TO COORDINATE BACKFLOW REQUIREMENTS FOR EXISTING WATER SERVICE. A BACKFLOW PREVENTER IS REQUIRED AT THE EXISTING METER LOCATION FOR THE FIRE HALL WATER SERVICE. FIELD SURVEY DOES NOT SHOW AN EXISTING RPBP. IF

LEGEND

EXISTING UTILITY POLE EXISTING UTILITY POLE WITH LIGHT EXISTING GUY WIRE EXISTING FIRE HYDRANT EXISTING WATER VALVE EXISTING WATER METER EXISTING STORM INLET EXISTING SANITARY MH EXISTING IRON ROD



WM

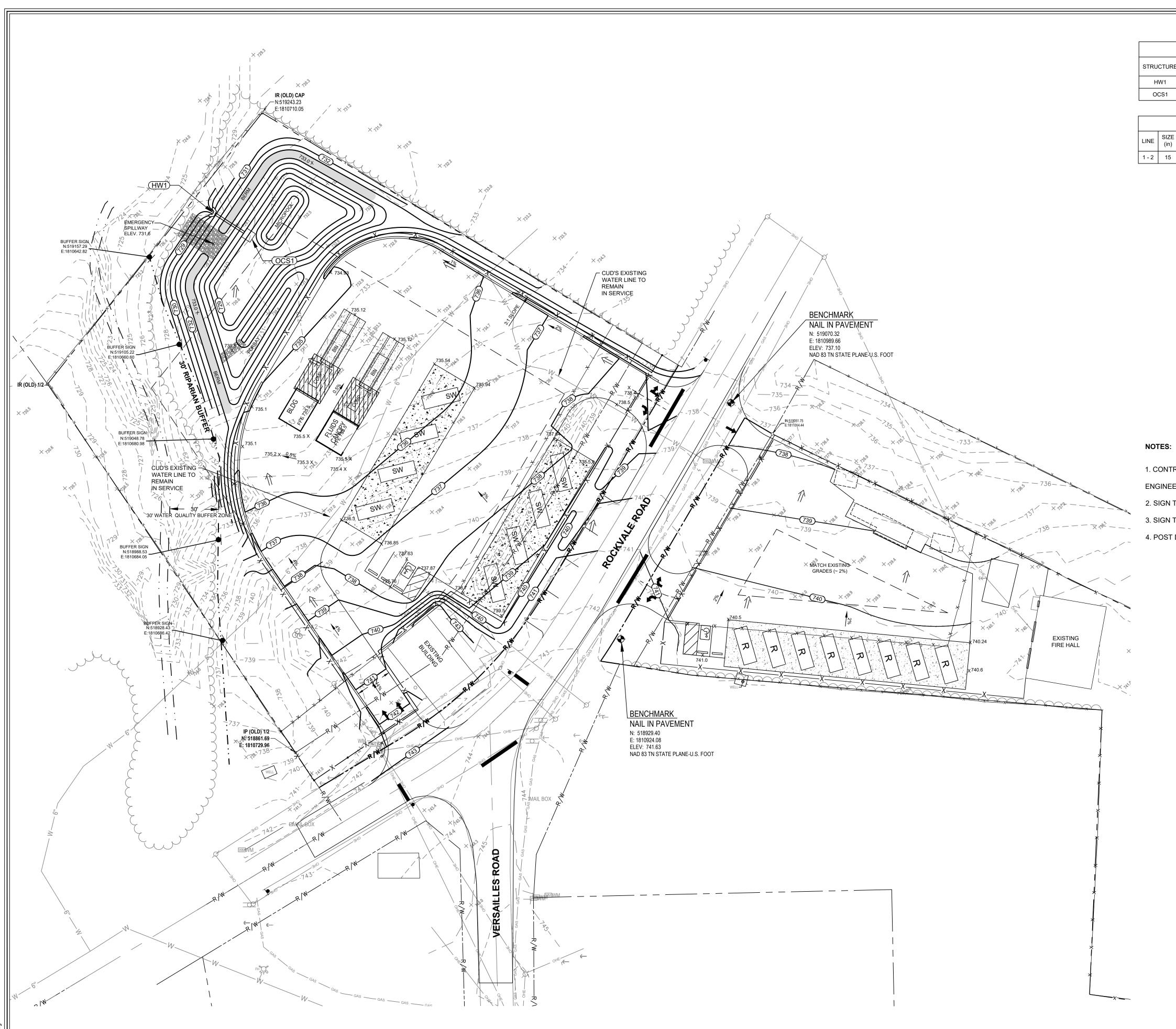
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11-4-2021 Issue Date: ELI Project No: 21-12-1501 Drafted By: DKH Checked By: JRG

Sheet Title:

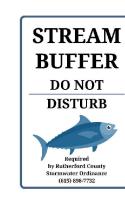
SITE & **PLAN**

Sheet No.



	;	STRUCTURE TABLE			
STRUCTURE	TYPE	LOCATION	INV OUT ELEV	INV IN ELEV	UPSTREAM STRUCTURE
HW1	Headwall	N 519183.34 E 1810681.48		728.26	OCS1
OCS1	Outlet Control Structure	N 519170.24 E 1810701.93	728.50		

PIPE TABLE						
ΙE	SIZE (in)	MATERIAL	LENGTH (ft)	SLOPE		
2	15	HDPE	24.29'	1.00%		



1. CONTRACTOR TO CONFIRM SIGN INFORMATION WITH THE RUTHERFORD COUNTY

ENGINEERING DEPT. PRIOR TO INSTALLATION. PHONE (615) 898-7732

2. SIGN TO BE 12" X 18" ALUMINUM, 0.063 THICK, SINGLE SIDED

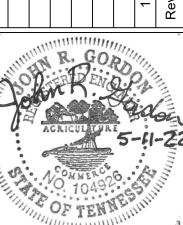
EXISTING DITCH LINE

4. POST DESCRIPTION: 6' GALVANIZED U-CHANNEL, 2' BELOW GRADE, 4' ABOVE GRADE

BUFFER SIGN N.T.S.

	LEGE	_	
OVER HEAD UTILITIES	——ОН——	UTILITY POLE	_ გ
EASEMENT		LAMP POST	*
PROPERTY LINE		GUY WIRE	$\stackrel{\cdot}{\rightarrow}$
UNDER GROUND TELEPHONE	——UGT——	FIRE HYDRANT	\mathcal{A}
WATER LINE	W	WATER VALVE	\bowtie
SANITARY SEWER LINE	sa	WATER METER	WM
TREE LINE		STORM INLET	IIII
FENCE LINE	x	SANITARY MANHOLE	S
DRAINAGE FLOW ARROW	\Rightarrow	EXISTING IRON ROD	O IR(0)
EXISTING DITCH LINE	_ · · -		





Issue Date: ELI Project No: 21-12-1501 Drafted By:

JRG

Checked By:

Sheet Title: GRADING

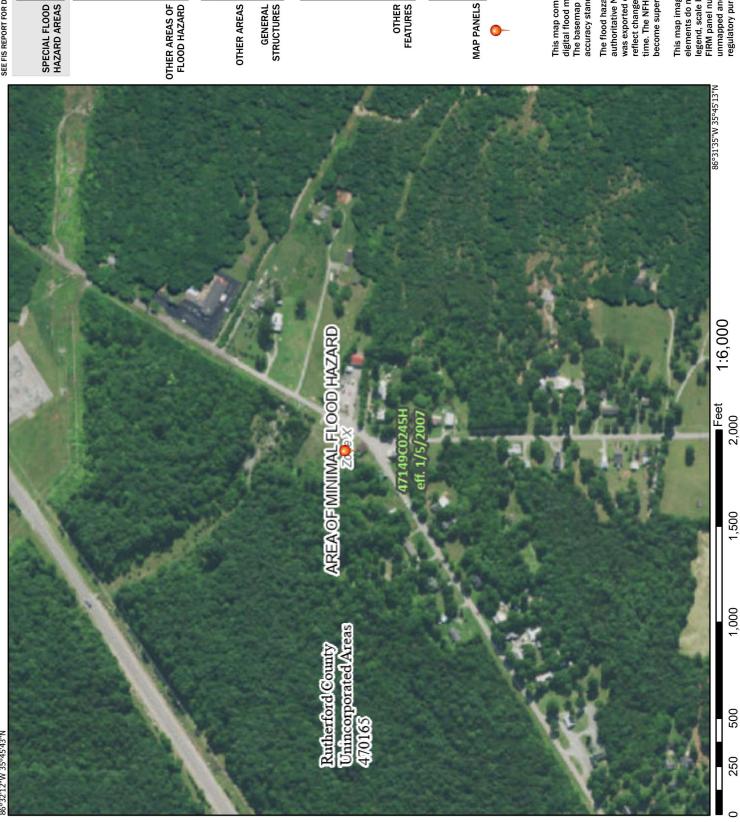
DRAINAGE PLAN

C3.0

ATTACHMENT C FEMA FLOOD MAP

National Flood Hazard Layer FIRMette





Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

With BFE or Depth Zone AE, AO, AH, VE, AR Without Base Flood Elevation (BFE)

Regulatory Floodway

0.2% Annual Chance Flood Hazard, Areas depth less than one foot or with drainage areas of less than one square mile Zone X of 1% annual chance flood with average

Future Conditions 1% Annual

Area with Flood Risk due to Levee Zone D Area with Reduced Flood Risk due to Chance Flood Hazard Zone X Levee. See Notes. Zone X

Effective LOMRs

NO SCREEN Area of Minimal Flood Hazard Zone X

Area of Undetermined Flood Hazard Zone D

OTHER AREAS

- - - - Channel, Culvert, or Storm Sewer

STRUCTURES | 111111 Levee, Dike, or Floodwall

Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation

Base Flood Elevation Line (BFE) Coastal Transect Limit of Study mm 513 mm

Jurisdiction Boundary

Coastal Transect Baseline

Hydrographic Feature Profile Baseline

OTHER FEATURES

No Digital Data Available Digital Data Available

Unmapped

MAP PANELS

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of The basemap shown complies with FEMA's basemap digital flood maps if it is not void as described below

authoritative NFHL web services provided by FEMA. This map reflect changes or amendments subsequent to this date and was exported on 12/18/2023 at 11:38 AM and does not time. The NFHL and effective information may change or The flood hazard information is derived directly from the become superseded by new data over time. This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, FIRM panel number, and FIRM effective date. Map images for legend, scale bar, map creation date, community identifiers, unmapped and unmodernized areas cannot be used for regulatory purposes.