REVISED

JOB NO. 23-219C

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, 11 SHS
(207) 287-2070 FAX (207) 287-4172

PROPERTY LOCATION

City, Town, or Plantation: LEWISTON
Street or Road: 101 CROWLEY ROAD
Subdivision Lot #: N/A

OWNER/APPLICANT INFORMATION

Name (last, first, MI): CAR-TY DEVELOPMENT ■ Owner ☐ Applicant
Mailing Address Of Owner Applicant: 1041 SAWYER ROAD
GREENE ME 04236
Daytime Tel. #: 375-6101

Owner or Applicant Statement

I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Signature of Owner or Applicant — Date: 5/18/24

» CAUTION: LPI APPROVAL REQUIRED «

Town/City _____ Permit # 10618
Date Permit Issued ___/___/___ Fee: $ _____ Double Fee Charged [ ]
Tom Touchette
Local Plumbing Inspector Signature — L.P.I. # 1265
Fee: $ _____ state min fee $ _____ Locally adopted fee
Copy: [ ] Owner [ ] Town [ ] State

The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

Municipal Tax Map # 43 Lot # P/O 24

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector's Signature — (1st) Date Approved — (2nd) Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION
■ 1. First Time System
☐ 2. Replacement System
Type Replaced: _____
Year Installed: _____
☐ 3. Expanded System
☐ a. <25% Expansion
☐ b. >25% Expansion
☐ 4. Experimental System
☐ 5. Seasonal Conversion

SIZE OF PROPERTY
1.26 ± ☐ sq. ft. ■ acres

SHORELAND ZONING
☐ Yes ■ No

THIS APPLICATION REQUIRES
■ 1. No Rule Variance
☐ 2. First Time System Variance
☐ a. Local Plumbing Inspector Approval
☐ b. State & Local Plumbing Inspector Approval
☐ 3. Replacement System Variance
☐ a. Local Plumbing Inspector Approval
☐ b. State & Local Plumbing Inspector Approval
☐ 4. Minimum Lot Size Variance
☐ 5. Seasonal Conversion Permit

DISPOSAL SYSTEM TO SERVE:
■ 1. Single Family Dwelling Unit, No. of Bedrooms: 3
☐ 2. Multiple Family Dwelling, No. of Units: _____
☐ 3. Other: _____ (specify)
Current Use ☐ Seasonal ☐ Year Round ■ Undeveloped

DISPOSAL SYSTEM COMPONENTS
■ 1. Complete Non-Engineered System
☐ 2. Primitive System (graywater & o.t. toilet)
☐ 3. Alternative Toilet, specify: _____
☐ 4. Non-Engineered Treatment Tank (only)
☐ 5. Holding Tank, _____ Gallons
☐ 6. Non-Engineered Disposal Field (only)
☐ 7. Separated Laundry System
☐ 8. Complete Engineered System (2000 gpd or more)
☐ 9. Engineered Treatment Tank (only)
☐ 10. Engineered Disposal Field (only)
☐ 11. Pre-treatment, specify: _____
☐ 12. Miscellaneous Components

TYPE OF WATER SUPPLY
■ 1. Drilled Well ☐ 2. Dug Well ■ 3. Private
☐ 4. Public ☐ 5. Other: PROPOSED

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
■ 1. Concrete
■ a. Regular or
■ b. Low Profile (as required)
☐ 2. Plastic
☐ 3. Other _____
CAPACITY 1,000 gallons

SOIL DATA & DESIGN CLASS
PROFILE / CONDITION
T / C
at Observation Hole # 1
Depth -16
OF MOST LIMITING SOIL FACTOR

DISPOSAL FIELD TYPE / SIZE
☐ 1. Stone Bed ☐ 2. Stone Trench
■ 3. Proprietary Device 21 UNITS ~~Sq.Ft.~~
☐ a. Cluster Array ☐ c. Linear
■ b. Regular Load ☐ d. H-20 Load
☐ 4. Other ELGEN GSF-B43 MODULES
SIZE 1,008 ■ sq. ft. ☐ lin. ft.

DISPOSAL FIELD SIZING
☐ 1. Medium - 2.6 sq. ft./gpd
■ 2. Medium-Large - 3.3 sq. ft./gpd
☐ 3. Large - 4.1 sq. ft./gpd
☐ 4. Extra Large - 5.0 sq. ft./gpd

GARBAGE DISPOSAL UNIT
■ 1. No ☐ 2. Yes ☐ 3. Maybe
If Yes or Maybe, Specify one below:
☐ a. multi-compartment tank
☐ b. ___ tanks in series
☐ c. increase in tank capacity
☐ d. Filter on Tank Outlet
☐ e. TO BE REMOVED

EFFLUENT/EJECTOR PUMP
■ 1. Not required
☐ 2. May be required
☐ 3. Required
Specify only for engineered systems:
Dose: _____ Gallons

DESIGN FLOW
270 gallons per day
BASED ON:
■ 1. Table 5A (dwelling unit(s))
☐ 2. Table 5C (other facilities)
SHOW CALCULATIONS FOR OTHER FACILITIES
☐ 3. Section 5G (meter readings)
ATTACH WATER METER DATA

LATITUDE AND LONGITUDE at center of disposal area
Lat 44 d 04 m 05.3 s
Lon 70 d 05 m 22.0 s
If g.p.s., state margin of error +/- 39'

SITE EVALUATOR'S STATEMENT

I Certify that on 12/21/2023 (date) I completed GEORGE evaluation of this property and state that the data reported is accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

USE ONLY COPIES STAMPED WITH SITE EVALUATOR'S SEAL IN BLUE INK FOR CONSTRUCTION AND PERMITS

STATE OF MAINE BOUCHLES #338 LICENSED SITE EVALUATOR

Site Evaluator Signature — BOUCHLES ★ 338 — SE #

REV. 5/18/2024
2/12/2024
Date

GEORGE S. BOUCHLES — 240-5567
Site Evaluator Name Printed — Telephone Number

gsb@cadmasterr.com
E-mail address

NOTE: Changes to or deviations from the design shall be confirmed with the Site Evaluator.

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-2070 FAX (207) 287-4172

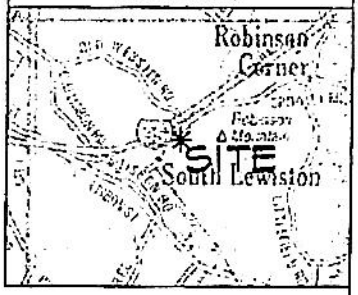
Town, City, Plantation	Street, Road, Subdivision Lot No	Owner or Applicant Name
LEWISTON	CROWLEY ROAD	CAR-TY DEVELOPMENT

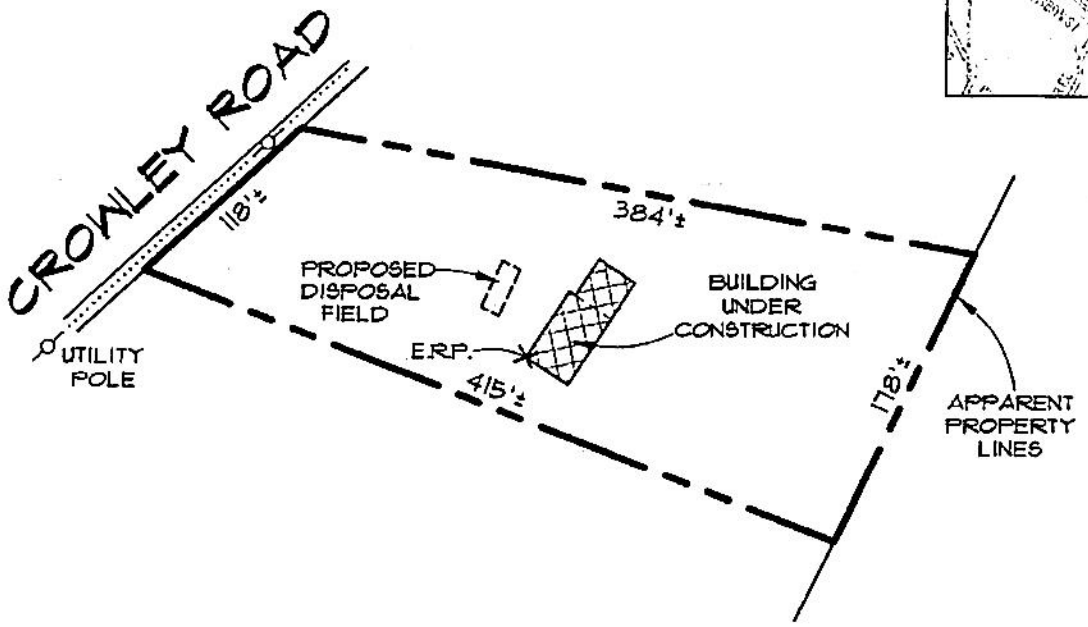
SITE PLAN

Scale 1" = 100 Ft.

NOTE: LOCATION OF SEPTIC SYSTEM HAS BEEN SITED ON THE PROPERTY BASED UPON BOUNDARY LINE/PROPERTY INFORMATION PROVIDED BY OWNER OR OWNER'S AGENT. NO INDEPENDENT VERIFICATION OF BOUNDARY LINE LOCATIONS HAS BEEN MADE BY THIS SITE EVALUATOR. PROPERTY LINES SHOWN SHALL BE VERIFIED BY OWNER/INSTALLER PRIOR TO CONSTRUCTION OF SYSTEM. ANY DISCREPANCY FROM THAT SHOWN SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE DESIGN SITE EVALUATOR PRIOR TO BEGINNING ANY WORK.

SITE LOCATION PLAN
(map from Maine Atlas recommended)





SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation holes Shown Above)

Observation Hole No. TB 1 ☐ Test Pit ■ Boring

1" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Depth	Texture	Consistency	Color	Mottling
0	FINE		DARK BROWN	
6	SANDY LOAM	FRIABLE	YELLOWISH BROWN	
20	SILT	FIRM	OLIVE	
30	LOAM		GRAY	
50				

Soil Classification		Slope	Limiting Factor	
7 (Profile)	6 (Condition)	4 (Percent)	-16" (Depth)	■ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole No. _____ ☐ Test Pit ☐ Boring

" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)

Depth	Texture	Consistency	Color	Mottling
0				
6				
20				
30				
40				
50				

STATE OF MAINE GEORGE S. BOUCHLES #338 LICENSED SITE EVALUATOR

Soil Classification		Slope	Limiting Factor	
(Profile)	(Condition)	(Percent)	(Depth)	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Site Evaluator Signature | 338 SE # | 2/12/2024 Date

10 CMR 241 (September 23, 2023) REV. 5/18/2024

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
Division of Health Engineering, Station 10
(207) 287-5672 FAX (207) 287-3165

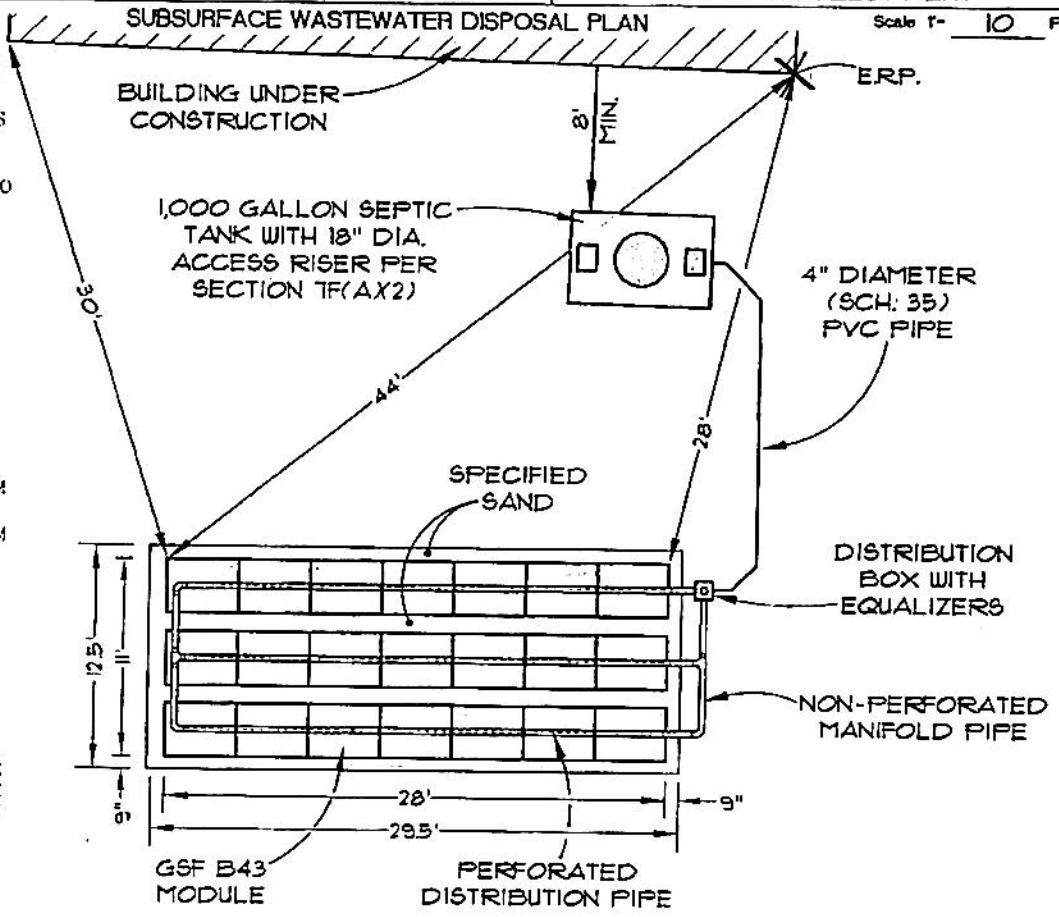
Town, City, Plantation	Street, Road, Subdivision Lot No.	Owner's Name
LEWISTON	CROWLEY ROAD	CAR-TY DEVELOPMENT

NOTES:
1.) REFER TO GENERAL NOTES ON THE BACKSIDE OF THIS PAGE
2.) ALL DISTURBED AREAS AND FINISHED SURFACE SHALL BE LOAMED, SEEDED, AND MULCHED TO PREVENT EROSION
3.) SEPTIC TANK SHALL BE SEALED TO PREVENT GROUND WATER OR SURFACE WATER INFILTRATION INTO SYSTEM
4.) PROVIDE SURFACE WATER DRAINAGE (FLOW) AWAY FROM SYSTEM
5.) MINIMUM SEPARATION DISTANCES:
A.) SEPTIC TANK FROM HOUSE 8 FEET
B.) SEPTIC TANK FROM WELL 50 FEET
C.) DISPOSAL FIELD FROM HOUSE 20 FEET
D.) DISPOSAL FIELD FROM WELL 100 FEET

STATE OF MAINE
GEORGE S. BOUCHLES
#338
LICENSED SITE EVALUATOR

SUBSURFACE WASTEWATER DISPOSAL PLAN

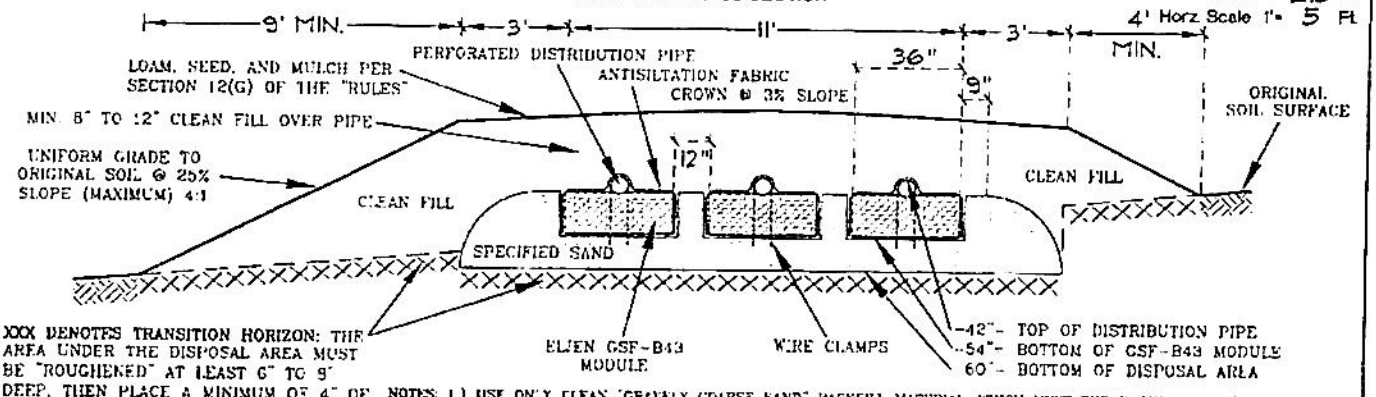
Scale 1" = 10 Ft.



BACKFILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT
Depth at Backfill (upslope)	20"	Finished Grade Elevation	-30"	Location & Description BOTTOM CORNER OF TRIM BOARD ON HOUSE
Depth of Backfill (downslope)	30"	Top of Distribution Pipe or Proprietary Device	-42"	Reference Elevation is 0" on
(Fill Depth May Vary Due To Uneven Ground Slope)		Bottom of Distribution Pipe or Proprietary Device	-54"	
		Bottom of Disposal Area	-60"	

DISPOSAL AREA CROSS SECTION

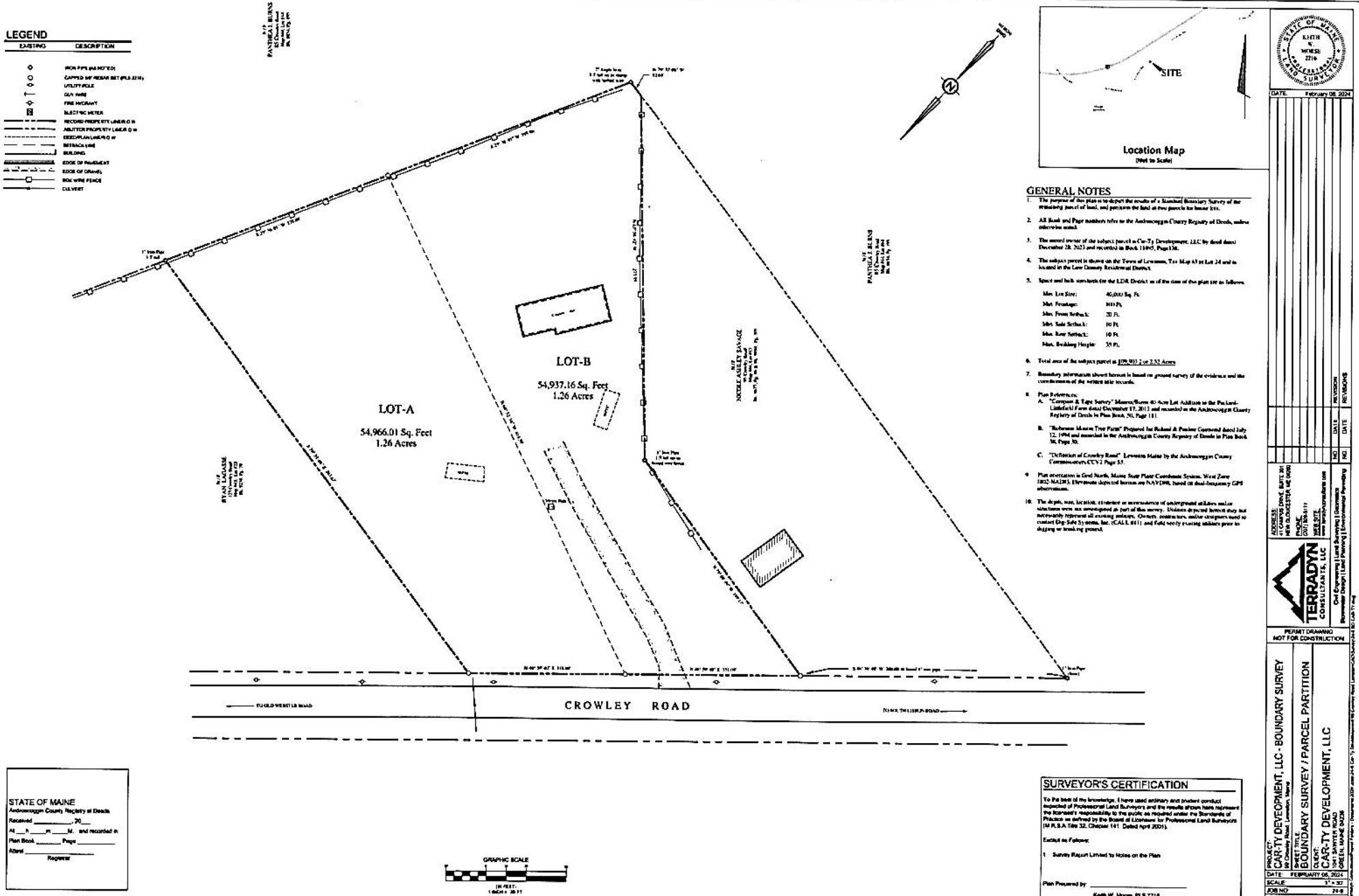
Vert Scale 1" = 2.5 Ft.
Horz Scale 1" = 5 Ft.



NOTES: 1.) USE ONLY CLEAN "GRAVELLY COARSE SAND" BACKFILL MATERIAL, WHICH MEET THE BACKFILL STANDARDS OF SECTION 12(E) OF THE "RULES", FREE OF FOREIGN MATERIALS (ROOTS, LARGE ROCKS, ETC.) PLACED IN 8" LIFTS AND LIGHTLY COMPACTED AS PLACED.
2.) REMOVE ALL ORGANIC MATERIALS (ROOTS, STUMPS, AND LARGE ROCKS) UNDER SYSTEM AND FILL EXTENSIONS AND PREPARE TRANSITION HORIZON BY PLACING A MINIMUM OF 4" OF CLEAN FILL OVER ORIGINAL SOIL AND MIX (BY PLOWING, DISKING OR ROTOTILLING) INTO ORIGINAL SOIL PER SECTION 12(B) OF THE "RULES".
3) PLACE "ANTI-SILTATION FABRIC" OVER MODULES AND PERFORATED DISTRIBUTION PIPES TO KEEP FINES OUT OF THE ELJEN GSF MODULES

Site Evaluator Signature	SE #	Date
	338	2/12/2024

10 CMR 241 (September 23, 2023) REV. 5/18/2024



GENERAL NOTES

1. The purpose of this plan is to depict the results of a Standard Boundary Survey of the referenced parcel of land, and partition the land as two parcels for house lots.
2. All Book and Page numbers refer to the Androscoggin County Registry of Deeds, unless otherwise noted.
3. The record owner of the subject parcel is Car-Ty Development, LLC by deed dated December 28, 2023 and recorded in Book 11095, Page 136.
4. The subject parcel is shown on the Town of Lewiston, Tax Map 63 as Lot 24 and is located in the Low Density Residential District.
5. Space and bulk standards for the LDR District as of the date of this plan are as follows:

Min. Lot Size:	40,000 Sq. Ft.
Min. Frontage:	100 Ft.
Min. Front Setback:	20 Ft.
Min. Side Setback:	10 Ft.
Min. Rear Setback:	10 Ft.
Max. Building Height:	35 Ft.

6. Total area of the subject parcel is 109,903.2 or 2.52 Acres
7. Boundary information shown hereon is based on ground survey of the evidence and the coordination of the written title records.
8. Plan References:
   A. "Compass & Tape Survey" Manor/Burns 40 Acre Lot Addition to the Pea Land-Littlefield Farm dated December 17, 2013 and recorded on the Androscoggin County Registry of Deeds in Plan Book 50, Page 181.
   B. "Reference Monson Tree Farm" Prepared for Roland & Pauline Gastwood dated July 12, 1994 and recorded in the Androscoggin County Registry of Deeds in Plan Book 36, Page 30.
   C. "Definition of Crowley Road" Lewiston Maine by the Androscoggin County Commissioners CCV1 Page 53.
9. Plan orientation is Grid North, Maine State Plane Coordinate System, West Zone 1802-NAD83. Elevations depicted hereon are NAVD88, based on dual-frequency GPS observations.
10. The depth, size, location, existence or nonexistence of underground utilities and/or substances were not investigated as part of this survey. Utilities depicted hereon may not necessarily represent all existing utilities. Owners, contractors, and/or designers need to contact Dig-Safe Systems, Inc. (CALL 811) and field verify existing utilities prior to digging or breaking ground.

SURVEYOR'S CERTIFICATION

To the best of my knowledge, I have used ordinary and prudent conduct expected of Professional Land Surveyors and the results shown here represent the Surveyor's responsibility to the public as required under the Standards of Practice as defined by the Board of Licensure for Professional Land Surveyors (M.R.S.A. Title 32, Chapter 141 Dated April 2001).

Except as Follows:

1. Survey Report Limited to Notes on the Plan

Plan Prepared by: _____

Keith W. Morse, PLS 2216

STATE OF MAINE
Androscoggin County, Registry of Deeds
Received _____, 20___
At ___h ___m ___M. and recorded in
Plan Book _____ Page _____
Attest _____
Register

STATE OF MAINE
KEITH W. MORSE
2216
LAND SURVEYOR

DATE: February 06, 2024

NO	DATE	REVISION
NO	DATE	REVISIONS

TERRADYN CONSULTANTS, LLC
ADDRESS: 14 CLARK DRIVE, SUITE 201, HEBRON, CONNECTICUT 06248
PHONE: (207) 856-9111
WEB SITE: www.terradynconsultants.com
Civil Engineering | Land Surveying | Geosciences
Stormwater Design | Land Planning | Erosion/Sediment Permitting

PERMIT DRAWING
NOT FOR CONSTRUCTION

PROJECT: CAR-TY DEVELOPMENT, LLC - BOUNDARY SURVEY
98 Crowley Road, Lewiston, Maine
SHEET TITLE: BOUNDARY SURVEY / PARCEL PARTITION
CLIENT: CAR-TY DEVELOPMENT, LLC
1041 SAWYER ROAD
GREEN, MAINE 04236

DATE:	FEBRUARY 06, 2024
SCALE:	1" = 30'
JOB NO:	24-9
SHEET:	1 of 1

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