This Agreement (“Agreement”) is entered into as of August 13, 2025 by and between:

Dozier Tech Group, LLC (“Consultant”), and LCR & Company, LLC (“Client”).

WHEREAS, Client desires to retain Consultant to provide certain software engineering, automation, and consulting services; and Consultant desires to provide such services in accordance with the terms and conditions set forth herein; NOW, THEREFORE, in consideration of the mutual promises contained herein, the parties agree as follows:

1. Services

Consultant shall provide software development, automation, workflow creation, and technology consulting services pursuant to the attached Statement of Work (“SOW”) or performed on an hourly basis at the rates set forth in Exhibit A.

2. Compensation

Client shall pay Consultant in accordance with the rates specified in Exhibit A or the fixed fees specified in an applicable SOW. Invoices are due net fifteen (15) days from the date of invoice unless otherwise agreed in writing. Consultant may **suspend work** under any SOW if any undisputed invoice remains unpaid more than fifteen (15) days after the due date, without liability for delays caused by such suspension. If an applicable SOW specifies different payment due dates for milestone or fixed-fee payments, those dates shall control over the Net 15 provision in this Section.

3. Ownership & Intellectual Property

All client-specific deliverables, customizations, and configurations created exclusively for Client under this Agreement shall be owned by Client upon full payment ("Client IP"). Consultant retains ownership of all pre-existing intellectual property, general methodologies, reusable frameworks, algorithms, and core technologies that existed prior to or are developed independently of this engagement ("Consultant IP"). Upon full payment, Client receives a perpetual, non-exclusive, non-transferable license to use any Consultant IP that is integrated into the delivered solution, solely for Client's internal business operations. Client may not sublicense, redistribute, reverse-engineer, or use Consultant IP for the benefit of third parties. Consultant may reuse general concepts, methodologies, and non-client-specific components for other engagements without restriction.

4. Confidentiality

Both parties agree to maintain the confidentiality of all proprietary or sensitive information disclosed in connection with this Agreement. This obligation shall survive the termination of this Agreement.

4A. Data Access & Security

Consultant will not have access to Client's operational or project data through normal use of the application.

In the event that Client requests support or troubleshooting services requiring Consultant to view Client data, such access will be:

1. **Pre-approved in writing by Client** for each instance.
2. Limited to the minimum data necessary to resolve the issue.
3. Conducted via secure transfer or supervised remote session.
4. Subject to all applicable confidentiality obligations under this Agreement.

If no such access is requested, Consultant will have **no access to Client data** and Client will not be required to report Consultant as having access to sensitive or regulated information.

5. Change Requests

Any work requested by Client outside the scope of an agreed SOW shall require a written change order and may be billed at the hourly rates in Exhibit A.

Consultant shall have the right to reject or defer change requests that materially impact agreed timelines or require disproportionate resource allocation.

6. Term & Termination

This Agreement shall remain in effect until terminated by either party upon thirty (30) days' written notice, provided that termination shall not affect any SOW in progress, which shall continue until completion or separate termination of that specific SOW.

7. Limitation of Liability

Except for breaches of confidentiality, intellectual property infringement, or willful misconduct, each party's total liability arising out of this Agreement shall not exceed the total amount paid by Client to Consultant in the twelve (12) months preceding the claim. In no event shall either party be liable for indirect, incidental, special, consequential, or punitive damages, including without limitation lost profits, even if such party has been advised of the possibility of such damages.

8. Miscellaneous

This Agreement is governed by the laws of the State of Louisiana without regard to conflicts of law principles. This Agreement, together with all Exhibits and SOWs, constitutes the

entire agreement between the parties and supersedes all prior agreements. Neither party shall be liable for any failure or delay in performance due to causes beyond its reasonable control, including acts of God, natural disasters, labor disputes, government actions, or internet service disruptions.

9. Warranty Disclaimer

EXCEPT AS EXPRESSLY SET FORTH IN AN APPLICABLE SOW, CONSULTANT PROVIDES ALL SERVICES AND DELIVERABLES "AS IS" AND DISCLAIMS ALL WARRANTIES, WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, AND NON-INFRINGEMENT.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the Effective Date.

Dozier Tech Group, LLC

By: _____ Date: _____

LCR & Company, LLC

By: _____ Date: _____

Exhibit A – Rate Sheet & General Terms

Service	Rate
Software Development / Automation Engineering	$120 / hour
Workflow Consulting / Process Design	$90 / hour
Maintenance / Bug Fixes	$90 / hour
Systems Integration & API Development	$120 / hour
Data Migration / Data Cleansing	$110 / hour
UI/UX Design	$90 / hour
Onsite Training / Implementation Support	$125 / hour + travel expenses
Remote Training Session	$95 / hour
Priority Support (same-day turnaround)	$140 / hour
Dedicated Project Management	$100 / hour

Cover Letter — Drainage Impact Automation Modules
Prepared by Dozier Tech Group, LLC
Date: October 31, 2025

Following our meetings and technical discovery sessions with the LCR team, this document outlines the key automation modules identified for LCR's drainage design workflow. Each module represents a distinct automation capability that can be deployed independently or as part of an integrated system.

Module Selection and Dependencies

LCR may elect to proceed with one or more modules based on immediate priorities and strategic considerations. However, **Module C — Drainage Impact Report Generator (DIA Engine)** has specific dependencies and requires supporting modules:

- Requires area and runoff coefficient data from **Module A** (Automated Area Calculation)
- References rainfall intensities, C-values, and detention requirements from **Module B** (UDC & DOTD Specification Extraction)
- Once these inputs are available, Module C automatically generates complete city-compliant DIA reports

Modules A, B, D, and E may be developed and deployed independently or in parallel.

Collectively, these modules form an integrated pipeline that transforms LCR's current manual drainage analysis process into an automated, auditable, and repeatable workflow.

Dozier Tech Group welcomes LCR's selection of preferred modules for implementation.

STATEMENT OF WORK (SOW #1)

PROJECT TITLE: Drainage Impact Automation System
CLIENT: LCR & Company, LLC
CONTACT: Lance Robicheaux, Owner
EMAIL: lance@lcrcompany.com
EFFECTIVE DATE: November 3, 2025
PREPARED BY: Dozier Tech Group, LLC

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1. Objective

The purpose of this Statement of Work is to automate the repetitive and time-intensive civil-engineering workflows involved in Drainage Impact Analyses (DIA), plan review, and report generation.

The system is divided into modular components — Modules A through E — allowing LCR to select and implement automation features in phases based on operational priority and budget.

Each module is self-contained yet interoperable, enabling a phased rollout that scales from individual functions (e.g., area extraction) to full end-to-end drainage automation.

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2. Technical Foundation

The proposed solution leverages **Dozier Tech Group's in-house automation framework**—built in **Python 3.11, .NET 8, and LangChain**—to integrate directly with **Civil 3D**, **Excel**, and **PDF** workflows already used by LCR.

Core Stack

- Python 3.11
- .NET 8 (Civil 3D API Add-ins)
- PostgreSQL + PostGIS
- FastAPI microservices

- Supabase UI portal

Data Sources

- Civil 3D drawings
- Survey CSVs
- Excel runoff workbooks
- Drainage reports such as *Acadiana High DIA*

Automation Scope

- Area extraction and Q = CiA population
- Specification and UDC parsing
- Report and proposal generation
- QA validation of plan sets (C-1 through C-18)

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3. Modular Scope & Deliverables

Module A. Automated Area Calculations

Goal: Extract impervious and pervious surface areas directly from Civil 3D and PDF plans (e.g., L.J. Alleman C-4 to C-8 grading sheets).
Deliverables:

- Civil 3D Add-In (DTG_EXPORT_AREAS) (C# plugin)
- Area CSV + GeoJSON export with weighted C-values
- Automated Excel integration for *TOC Calculation – Sunset Park* workbook
  Duration: 2 weeks **Cost:** $7,500

Module B. UDC Specification Extraction

Goal: Automatically parse and structure municipal and DOTD drainage specifications (C-values, Tc methods, storm intensities, detention rules).
Deliverables:

- PDF → Database parser
- Structured schema (jurisdictions, coefficients, rainfall tables)
- Searchable web interface for engineers
  Reference Example: *Acadiana High DIA Exhibit 7 – NOAA Atlas 14 Rainfall Intensity Data*
  Duration: 3 weeks **Cost:** $8,000

Module C. Drainage Impact Report Generator

Goal: Fully automate DIA report creation to match the structure of *Acadiana High School's Drainage Impact Report*.
Deliverables:

- Excel-driven Rational Method report generator
- Weighted C-calculations and Tc summaries (E-DA1 to P-DA5)
- Rational Q = CiA tables for 10-, 25-, 50-, and 100-year events
- Auto-compiled DOCX + PDF reports
- Auto-generated exhibits (maps, hydrographs, tables)
  Duration: 4 weeks **Cost:** $12,000

Module D. Plan Review & QA Automation

Goal: Perform AI-assisted validation of LCR plan sets for compliance and formatting.
Checks include:

- Sheet completeness (C-1 through C-18 per L.J. Alleman project)
- Inclusion of standard notes (LPDES, LCG/LUS standards)
- Pavement and inlet design standards (AHS Early Release C-11 Sheet)
  Deliverables:
- Plan QA engine with overlay annotations
- PDF compliance report
- Revision and redline tracking tool
  Duration: 3 weeks **Cost:** $9,500

Module E. Proposal & Document Automation

Goal: Automate creation of LCR proposal and submittal documents.
Deliverables:

- Auto-populate client, project, and site metadata
- Include drainage coefficients and design storm references
- Output branded PDF/DOCX with signature blocks
  Duration: 2 weeks **Cost:** $5,000

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4. Technical References

The system leverages the following LCR project files as baselines:

- *Acadiana High DIA* – structure, exhibits, coefficient tables
- *AHS Early Release C-11* – inlet and pavement design standardization
- *L.J. Alleman Plan Set (C-1 to C-18)* – layer naming and note conventions
- *Sunset Park TOC Workbook* – time-of-concentration and runoff computations

5. Implementation Timeline

Phase	Task	Duration	Deliverables
1	Discovery & Data Mapping	1 week	Confirm plan sources, survey data, Excel templates
2	Area Calculation Module	2 weeks	Civil 3D + Excel integration
3	DIA Report Generator	4 weeks	Automated Acadiana-style report
4	UDC Specs Database	3 weeks	Searchable standards DB
5	Plan Review Automation	3 weeks	QA PDF overlay + report
6	Proposal Automation	2 weeks	PDF/DOCX generator
Total Duration:			
≈ 15 –18 weeks			

6. Cost Summary

Module	Description	Cost
A	Automated Area Calculations	$7,500
B	UDC Extraction	$8,000
C	DIA Report Generator	$12,000
D	Plan Review QA	$9,500
E	Proposal Automation	$5,000
Total (All Modules)		$48,000

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7. Deliverable Ownership

All deliverables produced under this SOW are proprietary to **LCR & Company, LLC**, with **Dozier Tech Group** retaining developer-level access for maintenance, updates, and integration of future automation features.
Source code and documentation will be delivered via GitHub and a secure web-based portal.

8. Payment Schedule

- 30% Deposit – Per selected module(s) at project kickoff
- 30% Midpoint – Upon first live demonstration
- 40% Final Delivery – After acceptance of deliverables

Module	Title	Include?	Initials
A	Automated Area Calculations	☐ Yes ☐ No	_____
B	UDC Specification Extraction	☐ Yes ☐ No	_____
C	Drainage Impact Report Generator	☐ Yes ☐ No	_____
D	Plan Review & QA Automation	☐ Yes ☐ No	_____
E	Proposal & Document Automation	☐ Yes ☐ No	_____

Selected Modules Total: $_____
Estimated Duration: _____ # weeks____

Acceptance Criteria

Successful execution of workflow and Client confirmation via email or signed acceptance.

Dozier Tech Group, LLC

By: _____ Date: _____

LCR & Company, LLC

By: _____ Date: _____

Ancillary Detail:

For this fixed-fee engagement, invoices will be issued upon the payment milestones specified above. For any additional hourly work, invoices will be issued monthly and due Net 15 days.

Pre-approved expenses reimbursed at cost

Third-Party Software & Tools Billed at Cost