

Bryant Planning Commission Meeting

Boswell Municipal Complex - City Hall Court Room

210 SW 3rd Street

YouTube: https://www.youtube.com/c/bryantarkansas

Date: June 10, 2024 - Time: 6:00 PM

Call to Order

Approval of Minutes

1. Bryant Planning Commission Meeting Minutes 5/13/2024 • 2024-05-13 Planning Commission Meeting Minutes.pdf

Announcements

DRC Report

2. A-1 Fireworks - 25612 I-30 - Temporary Business Liscense

Joan Rey - Requesting Approval for TBL for Firework Stand - APPROVED

• <u>0864-APP-01.pdf</u>

3. 25631 I-30 - Fencing

McDonald Fencing - Requesting Approval for New Fencing on Site - APPROVED

• <u>0866-PLN-01.jpg</u>

4. 2312 Bishop Road - Site Plan Addition

Giron Builders - Requesting Approval for New Building Addition - APPROVED with Granted Administrative Waiver on the one Facade of new addition. APPROVED fencing around site as proposed in meeting, coningent upon review of commercial fencing permit.

- <u>0861-PLN-01.pdf</u>
- <u>0861-PLN-02.pdf</u>

5. Marketplace II Subdivison Phase 3 - Lots 17R, 18R, 22R Site Plans

GarNat Engineering - Requesting Site Plan Approval, APPROVED, Contingent upon Replat Approval by Planning Commission and Facades Provided for Building Permits

- <u>0874-pln17r-01.pdf</u>
- <u>0874-pln18r-01.pdf</u>
- <u>0874-pln22r-01.pdf</u>
- <u>0874-lnd17r-01.pdf</u>
- <u>0874-lnd18r-01.pdf</u>
- <u>0874-lnd22r-01.pdf</u>

6. Creekside Addition Ph. 2 - Replat

GarNat Engineering - Requesting Approval for a Replat to fix a wording error on Plat, APPROVED

• 0875-PLT-01.pdf

7. Seven Brew Coffee - 2202 Reynolds Road - Sign Permit

- Springfield Signs Requesting Sign Permit Approval APPROVED
- <u>92377-SGNAPP-01.pdf</u>

8. Practical Wellness Clinic - 205 Progress Way Ste 100 - Sign Permit

L Graphics - Requesting Sign Permit Approval - STAFF APPROVED

• 92303-SGNAPP-05032024112017.pdf

9. Evie Brooks - 3507 Market Place Ste 100 - Sign Permit

L Graphics - Requesting Sign Permit Approval - STAFF APPROVED

• <u>092301-SGNAPP-01.pdf</u>

10. Splash Carwash - 107 Bryant Ave - Sign Permit

Arkansas Sign and Neon - Requesting Sign Permit Approval - STAFF APPROVED

• <u>92304-SGNAPP-01.pdf</u>

11. Empire Vape and Tobacco - 319 Bryant Ave - Sign Permit

Doug Blanford - Requesting Sign Permit Approval - STAFF APPROVED • EMPIRE VAPE-05032024111613.pdf

12. Gassy's Fuel Station - 6101 HWY 5 - Sign Permit

Drew Files - Requesting Sign Permit Approval - STAFF APPROVED

• 92376-SGNAPP-01.pdf

13. Edward Jones - 2305 Springhill Road - SIGN PERMIT

Arkansas Sign & Neon - Requesting Sign Permit Approval - STAFF APPROVED

- 20419908-APPLICATION-EDWARD JONES-SPRINGHILL.pdf
- 20419919-18231-ART5-M.pdf

14. Hill Valley Estates

Hope Consulting - Requesting Approval for PUD Zoning Plan. Project previously named "Legacy Woods - PUD" - RECOMMENDED APPROVAL, Based on Completed Application Requirements

15. 1710 Shoal Road - Rezoning R-E to R-1

William Kalkbrenner - Requesting Approval for Rezoning from R-E to R-1 - RECOMMENDED APPROVAL, Based on Completed Application Requirements

16. 3927 Springhill Road - Rezoning R-2 to R-1.S

Tim Lemons - Requesting Approval for Rezoning from R-2 to R-1.S - RECOMMENDED APPROVAL, Based on Completed Application Requirements

17. 307 SW 4th Street - Conditional Use Permit

Bill Gray - Requesting Approval of CUP for Additional Square Footage of Accessory Structure - RECOMMENDED APPROVAL, Based on Completed Application Requirements

18. 2806 Hurricane Lake Road - Two Lot Subdivison

Hope Consulting - Requesting Approval for Two Lot Subdivison - RECOMMENDED APPROVAL

19. Springhill Retail - Commercial Center - Springhill and HWY 5

Phillip Lewis Engineering - Requesting Approval for Commercial Subdivison Plat, Waiver on Building Multi-Use Trail along the

Springhill Road Frontage, and Site Plan. RECOMMEDED APPROVAL of Site Plan and Waiver. APPROVED Site Plan contingent upon updated plat and engineering review of drainage plan.

20. Marketplace II Subdivison Phase 3 - Lots 17, 18, & 22

GarNat Engineering - Requesting Approval for Replat - RECOMMENDED APPROVAL

Public Hearing

21. Hill Valley Estates - PUD

Hope Consulting - Requesting Approval for PUD Zoning Plan. Project listed as "Legacy Woods - PUD" in DRC report.

- <u>0855-ZPLN-03.pdf</u>
- <u>0855-PLN-01.pdf</u>
- <u>0855-LND-02.pdf</u>
- <u>0855-LND-01.pdf</u>
- 0855-ZPLN-02.pdf
- <u>0855-SRVY-01.pdf</u>
- <u>0855-APP-02.pdf</u>
- <u>0855-APP-01.pdf</u>
- <u>0855-LTR-01.pdf</u>

22. 1710 Shoal Road - Rezoning R-E to R-1

William Kalkbrenner - Requesting Approval for Rezoning from R-E to R-1

- <u>0872-APP-01.pdf</u>
- <u>0872-SVY-01.pdf</u>
- 0872-LTR-01.pdf

23. 3927 Springhill Road - Rezoning R-2 to R-1.S

Tim Lemons - Requesting Approval for Rezoning from R-2 to R-1.S

- <u>0868-LST-01.pdf</u>
- <u>0868-CRR-01.pdf</u>
- <u>0868-APP-01.pdf</u>
- <u>0868-LTR-02.pdf</u>
- <u>0868-SRVY-01.pdf</u>
- <u>0868-LGL-01.docx</u>
- <u>0868-LTR-01.pdf</u>

24. 307 SW 4th Street - Conditional Use Permit

Bill Gray - Requesting Approval of CUP for Additional Square Footage of Accessory Structure

• <u>0865-APP-01.pdf</u>

Old Business

New Business

25. 2806 Hurricane Lake Road - 2 Lot Subdivsion

Hope Consulting - Requesting Approval for Two Lot Subdivison

- <u>0876-PLT-02.pdf</u>
- 0876-LTR-01.pdf

26. Springhill Retail - Commercial Center - Springhill and Highway 5

Phillip Lewis Engineering - Requesting Approval for Commercial Subdivison Plat and Waiver on Building Multi-Use Trail along the Springhill Road Frontage

- <u>0871-PLN-02.pdf</u>
- <u>0871-DRN-01.pdf</u>
- <u>0871-LTR-02.pdf</u>

27. Marketplace II Subdivison Phase 3 - Replat Lots 17, 18, & 22

GarNat Engineering - Requesting Approval for Replat

- <u>0869-RPLT-01.pdf</u>
- <u>0869-APP-01.pdf</u>
- <u>0869-LTR-01.pdf</u>

28. Planning Commission By-Law Revisions

Discussion on Revisions to Commission By-Laws

Adjournments



Bryant Planning Commission Meeting Minutes Monday, May 13th, 2024 Boswell Municipal Complex – City Hall Courtroom 6:00 PM

Agenda

CALL TO ORDER

- Chairman Lance Penfield calls the meeting to order.
- Commissioners Present: Penfield, Hooten, Statton, Johnson, Burgess, Edwards, Erwin, Speed
- Commissioners Absent: None

ANNOUNCEMENTS

Interim Director of Community Development, Colton Leonard, spoke briefly about the June 3rd workshop. The workshop is to discuss the trail system in Bryant.

APPROVAL OF MINUTES

1. Planning Commission Meeting Minutes 4/11/2024

Motion to Approve Minutes made by Commissioner Stratton, Seconded by Commissioner Edwards. Voice Vote, 8 Yays, 0 nays. 0 Absent.

Vice-Chairman Hooten read the DRC Report.

DRC REPORT

- 2. Bryant Schools High School- Building Addition Minton Engineering - Requesting Site Plan Approval - RECOMMENDED APPROVAL
- 3. Roman Heights Subdivision- Phase 2 Hope Consulting - Requesting Approval for a Suspension on the Requirement to Build Multi-Use Trail along North Side of Subdivision - RECOMMENDED APPROVAL

- 4. Starbucks Coffee 20701 I-30- Revised Site Plan Nina Berg - Requesting Approval for Revisions to Site Plan - APPROVED
- 5. Senior Tequila 2919 N Reynolds- Site Plan Revision Requesting Approval for adjusting location of retaining wall to create patio area -APPROVED
- 6. Meramec Specialties Co. 6139 HWY 5- Temporary Business Kevin Bailey - Requesting Approval for Temporary Business for Fireworks Stand
- 7. TNT Fireworks 400 Bryant Ave- Temporary Business Heather Whaley - Requesting Approval for Temporary Business for Fireworks Stand
- 8. Marketplace II Subdivision Lot 16 and Lot 19- Site Plan Approval GarNat Engineering Requesting Approvals for Site Plans for lots 16 and lot 19
- 9. The Breakroom 1812 N Reynolds Road- Sign Permit Ace Sign Company - Requesting Sign Permit Approval - STAFF APPROVED
- 10. Magnolia Title 3417 Market Place Ave- Sign Permit Ace Sign Company - Requesting Sign Permit Approval - STAFF APPROVED

NEW BUSINESS

11.Bryant Schools - High School - Building Addition

Minton Engineering - Requesting Site Plan Approval

The building will be 4 stories, 64,000 sq feet, will provide parking and driveway all the way around the building. This is a major change. Will be demoing the existing building. Will leave the parking and grassy area. Canopy will extend out further. The south end will provide a safe room. This work will start around July or August and will be completed August 2026.

After brief discussion on the item, Chairman Penfield Called for a roll call vote to approve. Voice Vote, 8 Yays, 0 nays. 0 Absent.

12.Roman Heights Subdivision - Phase 2

Hope Consulting - Requesting Approval for a Suspension on the Requirement to Build Multi-Use Trail along North Side of Subdivision

Recommendation from DRC is to suspend the requirement to build the Multi-Use Trail along the north side of the property for a period of one year. Giving the city time to have workshops with developers and council to look at updates for requirements of the Walk, Bike, Drive Master Transportation Plan. Depending on the outcome of those meetings, Bull Development would either be required to build the trail, pay the in-lieu fee, or fall under the new requirements that are set by the city as an outcome of these meetings.

After brief discussion on the item, Chairman Penfield Called for a roll call vote to approve. Voice Vote, 8 Yays, 0 nays. 0 Absent.

ADJOURNMENT

Motion to Adjourn made by Commissioner Burgess, Seconded by Commissioner Stratton. After brief discussion on the item, Chairman Penfield Called for a roll call vote to approve. Voice Vote, 8 Yays, 0 nays. 0 Absent.

Chairman, Lance Penfield

Date

Secretary, Tracy Picanco

Date



City of Bryant, Arkansas Community Development 210 SW 3rd Street Bryant, AR 72022 501-943-0943



Temporary Business Application For the Sale of Fireworks

- Applications are due by 5:00PM Wednesday the week prior to the Scheduled Development and Review Committee Meeting.
- Application Deadlines and dates can be found at <u>www.cityofbryant.com</u> under the Community Development tab.

Date:

Business Information:

Name

Federal Tax Employer ID Number

Arkansas State Sales Tax Number

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Location of Proposed Temporary Business

Bu	siness Owner:	Contact Person:
Nai	ne Michael Garcola	Name bar
Ado	Fess WK H Jak 118	Address 2434157
	014AB 72853 1	JA AD
Pho	ne 479-489-3298	Phone 479-7
Em	ail Milegono 12650 gmail com	Email perter
	72 0	5

Checklist for Submission

- Completed Application and Checklist
- □ Twenty-Five Dollar (\$25.00) Application fee
- □ Provide proof of 1,000,000 Liability Insurance or Surety Bond worth the same amount. (Further information on the details of liability insurance can be found in Section 2-4 of the Temporary Business Section of the Bryant Business Ordinance.)

(Continued on Page 2)

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□ Eight (8) copies of a Site Plan:

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- Site Plan shall be to scale, all structures shall be identified. Clear identification of any open display areas
- Fireworks tent / canopy shall have a minimum 50ft. setback from all other structures
- Show parking spaces dedicated by the owner of the property for use by the temporary business.
- Exits shall be provided every 100 ft. with a minimum of 2 remotely located exits
 Minimum exit width shall be 72 in. All exits shall be identified with proper signage
- □ No smoking permitted within 50 ft. of firework tent / canopy. "NO SMOKING" signs shall be posted at all entrance / exits
- 2 ABC fire extinguishers, with a 2A rating or greater, shall be provided. The maximum travel distance to an extinguisher shall not exceed 75 ft. Additional extinguishers may be required. Extinguishers shall be clearly visible, marked with appropriate signage, and mounted height of not less than 36 in. from the ground
- □ Generators or other combustion power sources, including fuel, shall be separated from tents / canopies by a minimum of 25 ft.
- Applicant shall contact the Bryant Fire Dept. Fire Marshal's office and schedule an inspection once the business is ready for operation. The inspection shall be conducted prior to any sales to the public are allowed. Contact: 501-943-0964

READ CAREFULLY BEFORE SIGNING

I _______, do hereby certify that all information contained within this application is true and correct. I further certify that I agree too and will abide by all Temporary Business rules and regulations as outlined in the Bryant Business Ordinance. I also understand that I shall comply with all additional applicable ordinances of the City as well as the requirements of all state and federal laws. Furthermore, I understand violation of Temporary Business Ordinance 2007-43 is a misdemeanor punishable by a fine of up to \$500.00 per occurrence of violation. Each day's occurrence is a separate violation.

Owners Signature

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	37 Park East Dr. STE 204 achwood OH 44122				PHONE (A/C, No, Ext): 216-658-7100 FAX (A/C, No): 216-658-7101 E-MAIL E-MAIL FAX				58-7101	
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					INSURER A : Everest Indemnity Insurance Co.					NAIC #
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A	GENERAL LIABILITY			SI8ML02067-231		12/31/2023	12/31/2024	EACH OCCURRENCE	\$ 1,000,	.000
			·					DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 500,00	
	CLAIMS-MADE X OCCUR							MED EXP (Any one person)	\$	
		·					×	PERSONAL & ADV INJURY	\$ 1,000,0	000
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ł	HIRED AUTOS AUTOS						-	PROPERTY DAMAGE (Per accident)	\$	
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F	EXCESS LIAB CLAIMS-MADE						-		\$	
F	DED RETENTION \$						-	AGGREGATE	\$	
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	AND EMPLOYERS LIABLETT Y / N ANY PROPRIETOR/PARTNER/EXECUTIVE	N/A					[\$	
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If yes, describe under DESCRIPTION OF OPERATIONS below		1						E.L. DISEASE - POLICY LIMIT	\$	
	IPTION OF OPERATIONS / LOCATIONS / VEHICL									
For **For	premise liability – this certificate reflect product liability – this certificate reflect	ts cove	erage erage	For the dates and location for product purchased from the product purchased from the product purchased from the purchased f	i noted m the a	below only. bove referen	ced named in	sured only**		
			0					,		

Additional Insured extension of coverage is provided by above referenced General Liability policy where required by written agreement. Dates of Coverage for 4th of July Season: 06/20/24 through 07/10/24 Dates of Coverage for Christmas/New Year Season: 12/10/24 through 12/31/24 Location: 25612 I-30 Bryant, AR 72022 See Attached...

CERTIFICATE HOLDER	CANCELLATION
A-1 Fireworks	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
24341 Highway 10 East Ola AR 72853	

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AGENCY CUSTOMER ID: ______ LOC #: _____



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ADDITIONAL REMARKS SCHEDULE

Page 1

			rage 1 of
AGENCY Acrisure, LLC dba Britton Gallagher	~	NAMED INSURED Winco Fireworks International LLC 12521 15th Street	
POLICY NUMBER		Grandview MO 64030	
CARRIER	NAIC CODE		
5		EFFECTIVE DATE:	
ADDITIONAL REMARKS			
THIS ADDITIONAL REMARKS FORM IS A SCHEDULE	TO ACORD FORM,		
FORM NUMBER:FORM TITLE: CERTIFIC	CATE OF LIABILITY IN	NSURANCE	
Operator: Carrie Simmons Landowner: Dion Simpson Additional Insured: Dion Simpson; A-1 Fireworks; Carrie S	immons		

A-1 FIREWORKS

COMMERCIAL LEASE

This lease is made between _	Dion Simpson	
	(Lessor Name)	=
Of 25550 I-30, Br	ryant, AR. 72022	
		=

(Mailing Address)

Herein called Lessor, and A-1 Fireworks of 24341 Hwy 10 East, Ola, Arkansas 72853, herein called Lessee.

Lessee hereby offers to lease from Lessor the premises situated in Or near the *City of* Bryant

> County of State of:

>

<u>Saline</u> Arkansas

Described as: 25612 I-30, Bryant, AR. 72022

(Physical Location Address)

 Term and Rent: Lessor demises the above premises as well As allowing use of power pole for a term of 45 days per year, Commencing June 1st, and terminating on July 15th for the Selling season of June 20th to July 5th 2024 or sooner and/or For a term of 31 days per year commencing December 15th 2024 and terminating January 15th 2025 as provided herein At the annual rental of;

<u>\$ 3,000.00</u> Payable, 100% at the time lease is signed and Returned.

Initial

1. <u>All rental payments shall be made to Lessor</u>, at the address Specified on front page.

>

- 2: Use. Lessee shall use and occupy the premises for Retail Sales of Fireworks. The premises shall be used for no Other purpose. Lessor represents that the premises may Lawfully be used for such purpose. Lessee may, at the Lessee's Expense, erect tents, utility poles, signs, banners, Balloons, Pendants, flags and other such paraphernalia as Deemed useful to aid in the selling of fireworks. All such Paraphernalia remains the property of the Lessee and will be Removed at the end of the lease agreement.
- 3: Care and Maintenance of Premises: Lessee acknowledges That the premises are in good order and repair, unless Otherwise indicated herein. Lessee shall, at his own Expense and at all times, maintain the premises in good Condition and shall surrender the same, at termination Hereof, in as good condition as received, normal wear and Tear excepted.
- 4: Ordinances and Statutes: Lessee shall comply with all Statutes, ordinances and requirements of all municipal State and federal authorities now in force, or which may Hereafter be in force, pertaining to the premises, Occasioned by or affecting the use thereof by Lessee.
- 5: Assignment and Subletting: Lessee shall not assign this Lease or sublet any portion of the premises without prior Written consent of the Lessor, which shall not be Unreasonably withheld. Any such assignment or Subletting without consent shall be void and, at the option Of the Lessor, may terminate this lease.

6: Notices: Any notice, which either party may or is Required to give shall be given by mailing the same, Postage prepaid, to Lessee or Lessor at The address specified on front page, or at such other places As may be designated by the parties from time to time.

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7: Heirs, Assigns, and Successors: This lease is binding Upon and inures to the benefit of the heirs, assigns and Successors in interest to the parties.

8. Waiver of Liability: This agreement releases <u>Dion Simpson</u> From all liability relating to injuries or damages that may occur During the lease of property for the retail sales of fireworks. By Signing this agreement, I agree to hold <u>Dion Simpson</u> entirely free From any liability, including financial responsibility for injuries or Damages incurred, regardless of whether injuries are caused by Negligence.

9: Entire Agreement: The foregoing constitutes the entire Agreement between the parties and may be modified only By a writing signed by both parties. The following exhibits, If any, have been made a part of this Lease before the Parties' execution hereof:

Signed this 23 day of April year <math>2024. By: <u>Drow Simpson</u> (Lessor) By: <u>Conchev</u> (Lessee)

A-1 Fireworks

Commercial Lease

Insurance:

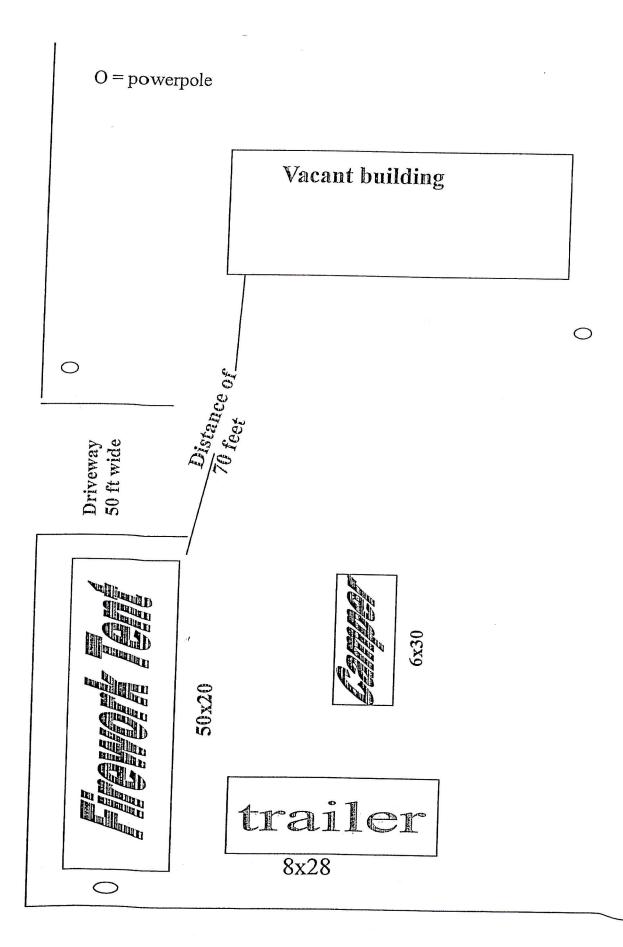
Lessee, at his expense, shall maintain liability insurance including Bodily injury and property damage insuring Lessee and Lessor With minimum coverage as follows: \$500,000.00

Lessee shall provide Lessor with a certificate of insurance showing Lessor as additional insured.

Signed: $\frac{Pig_0}{4^2z_3^2-z_1^2}$

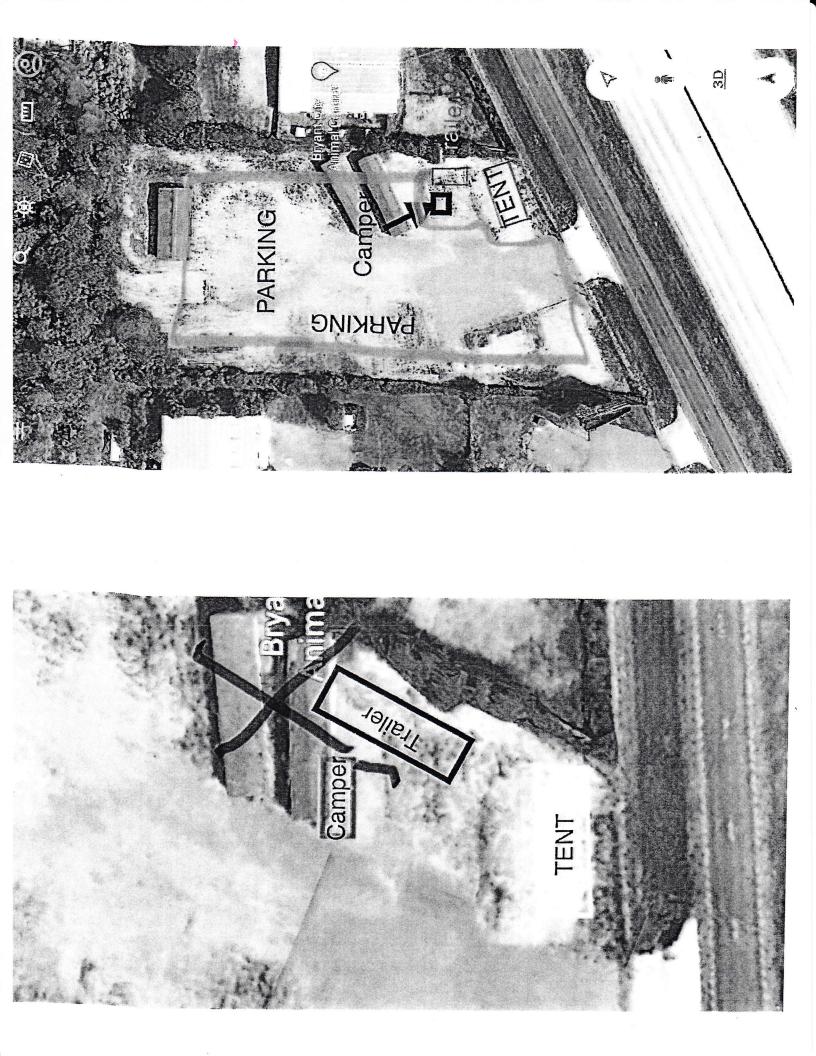
Signed: Dated:

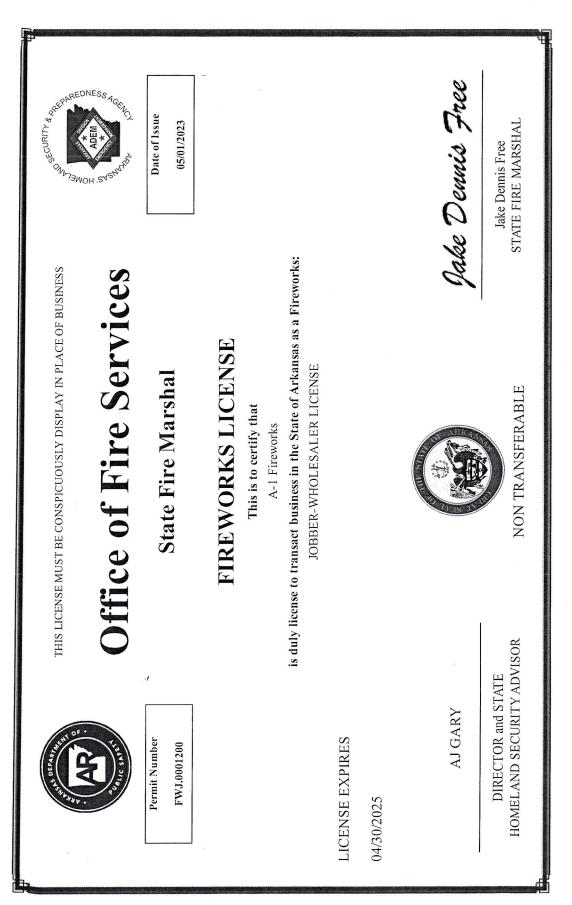
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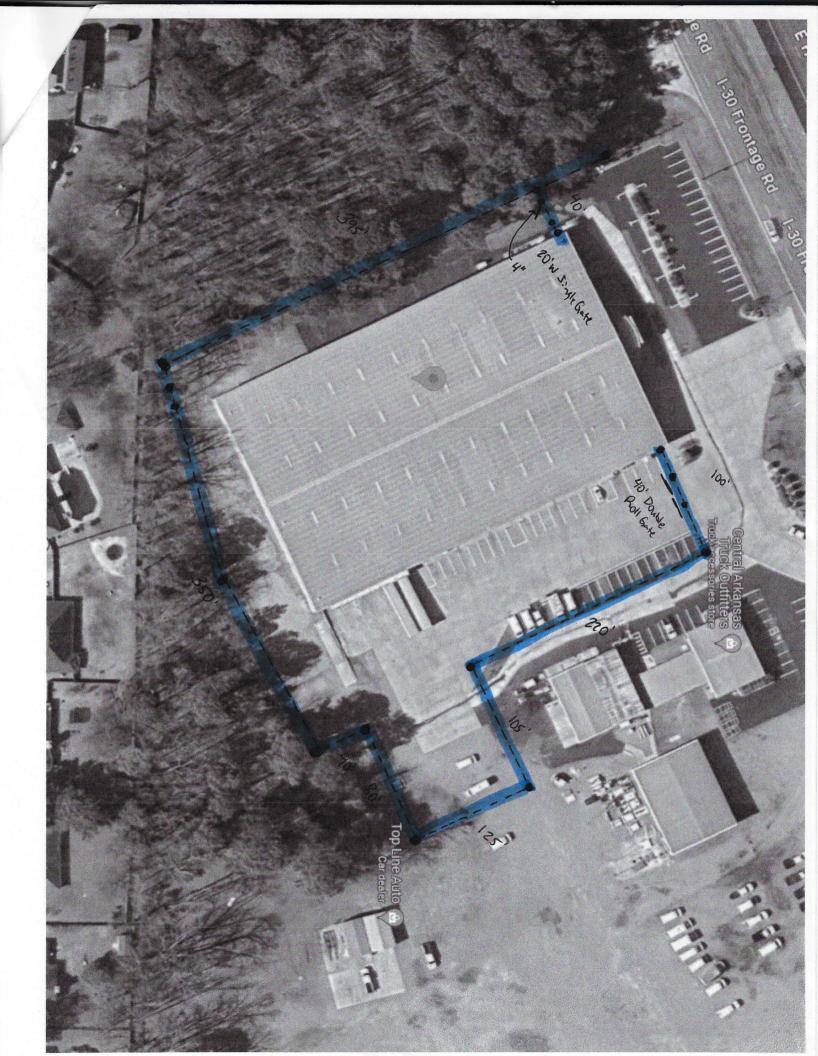


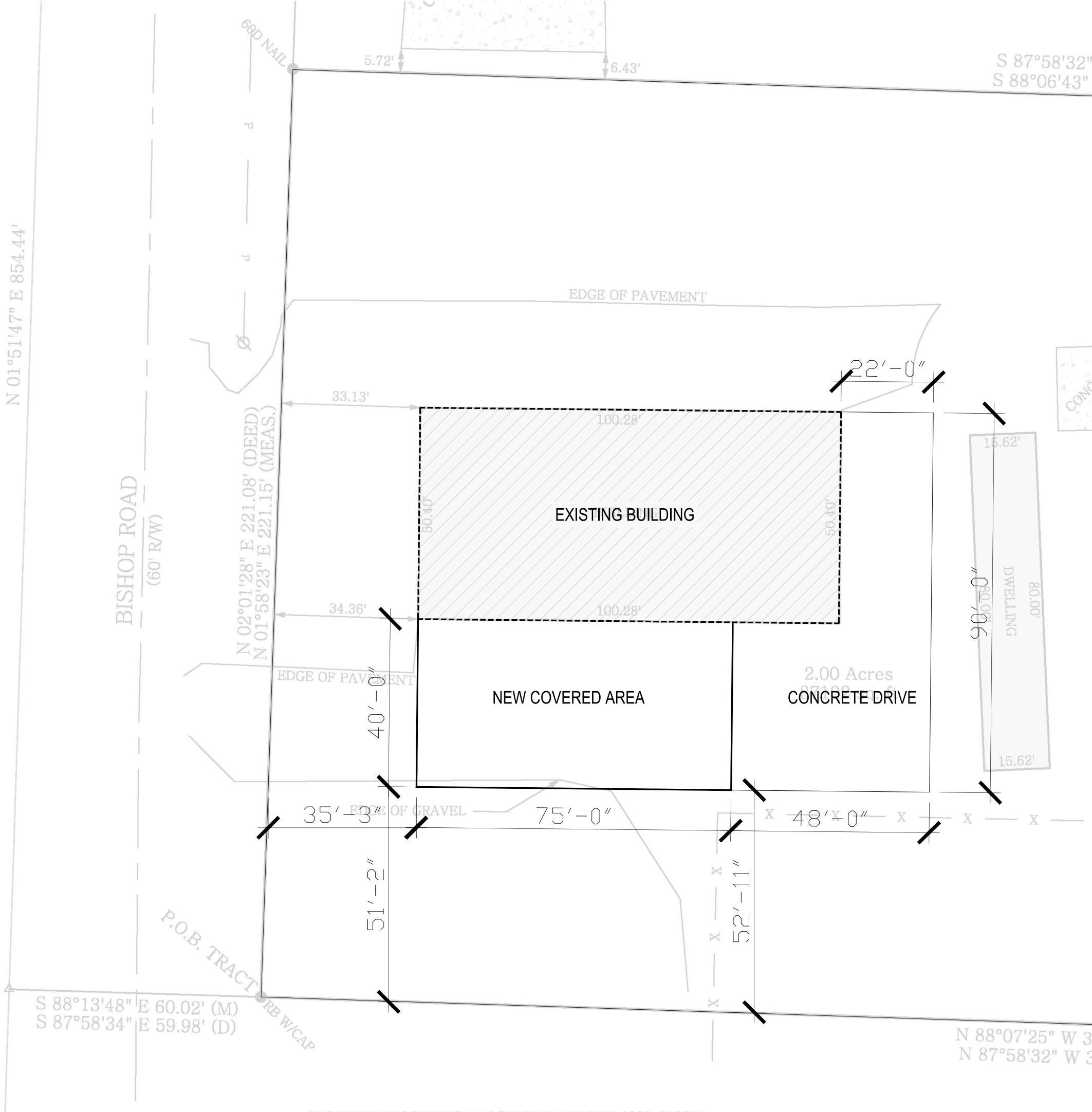
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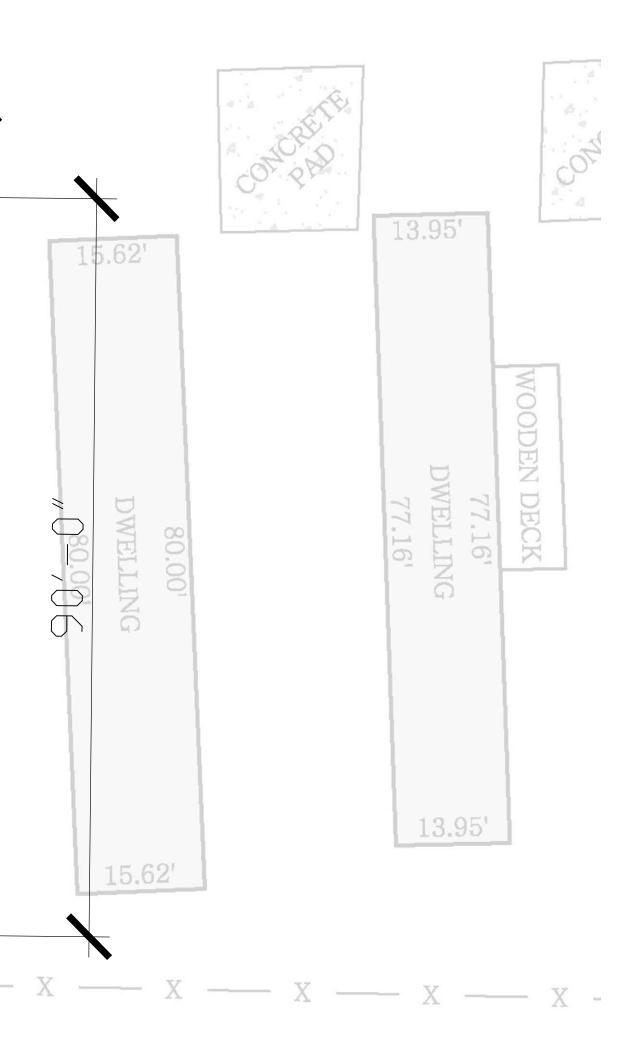


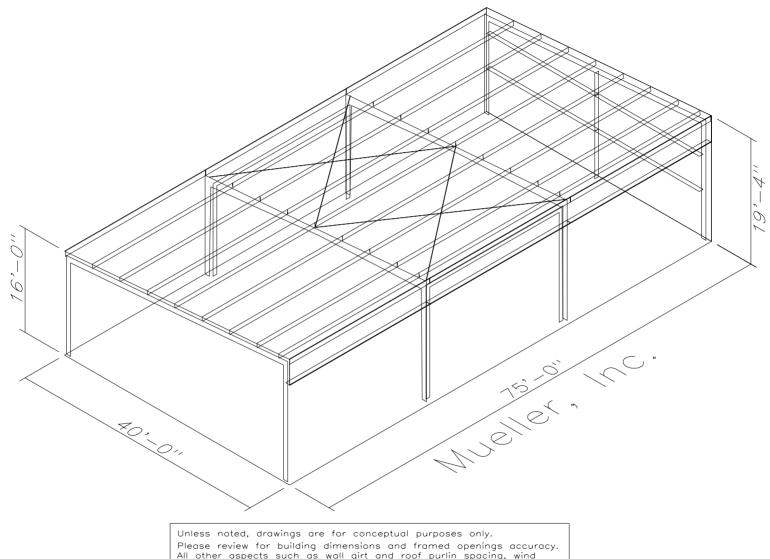




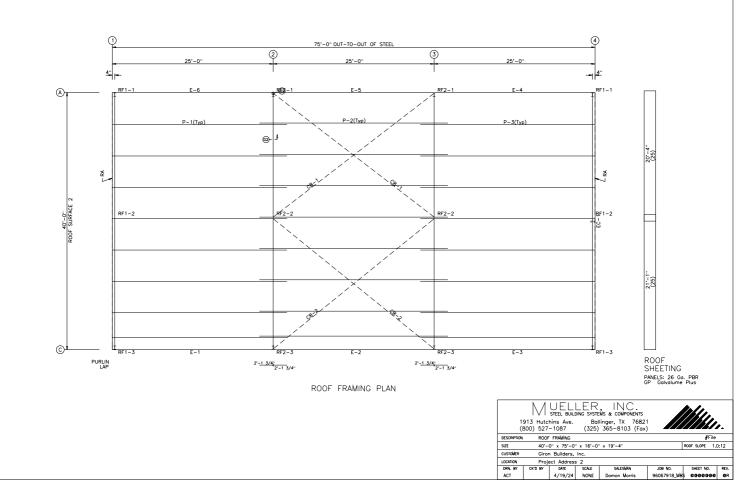


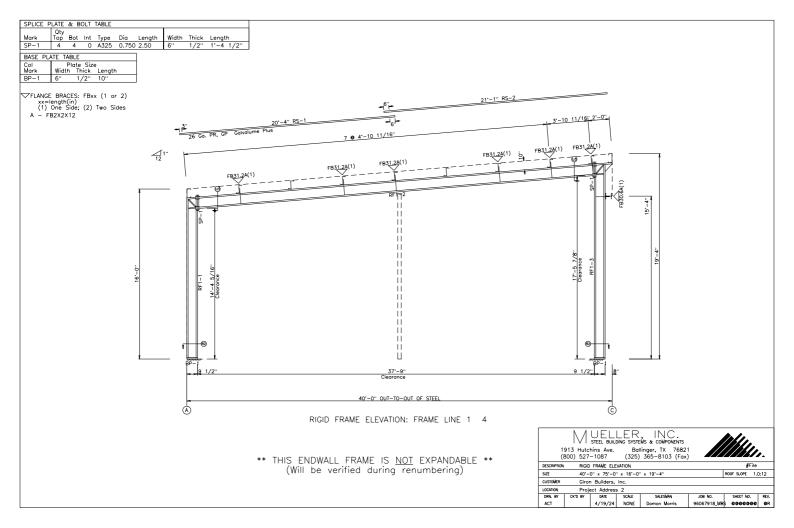
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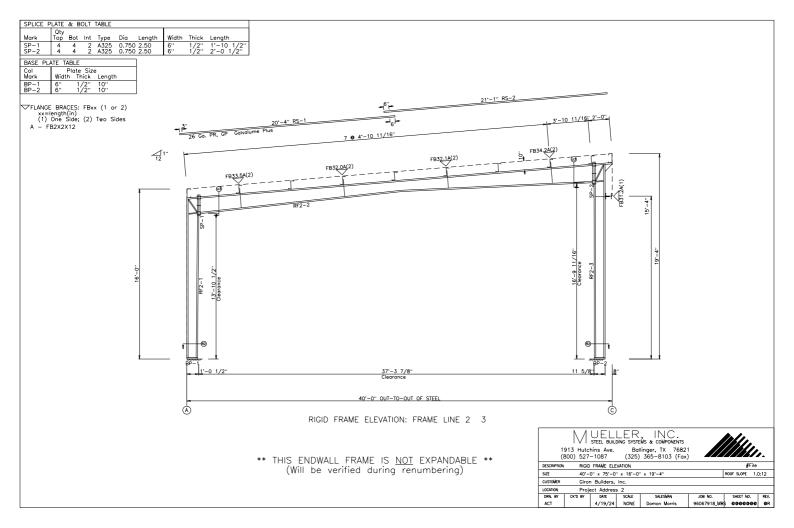


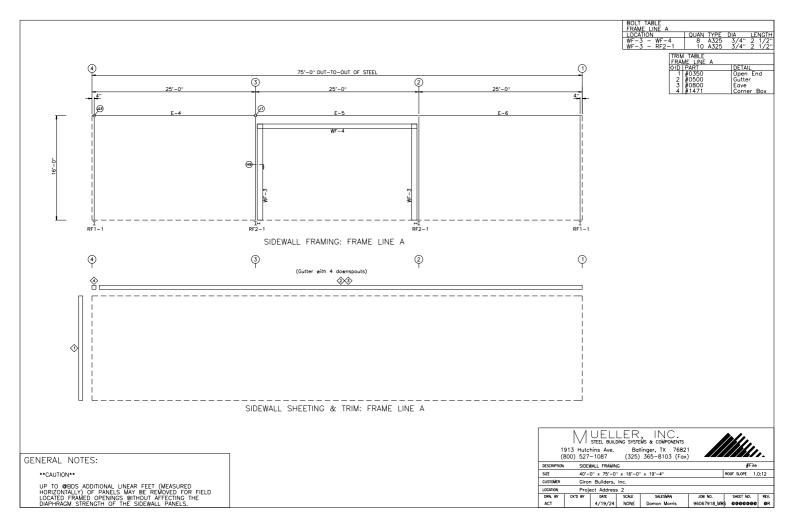


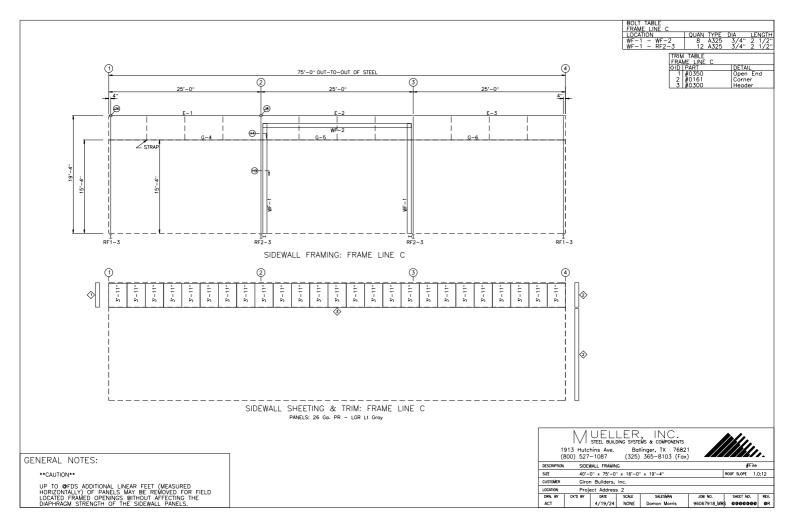
All other aspects such as wall girt and roof purlin spacing, wind bracing locations, etc. may change during engineered design unless noted in the "Special Requirements" section of the contract.

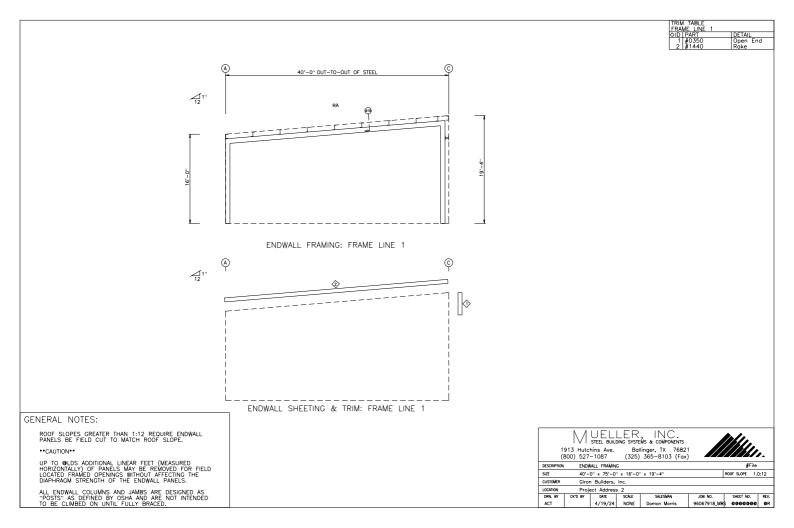


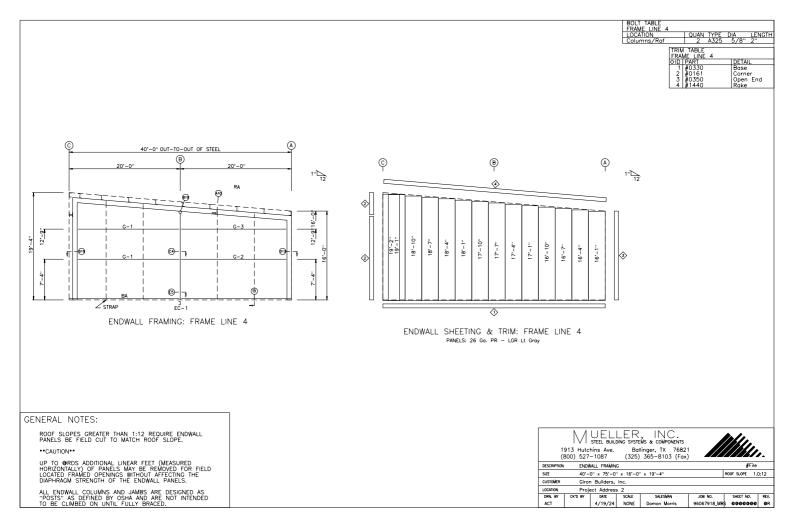


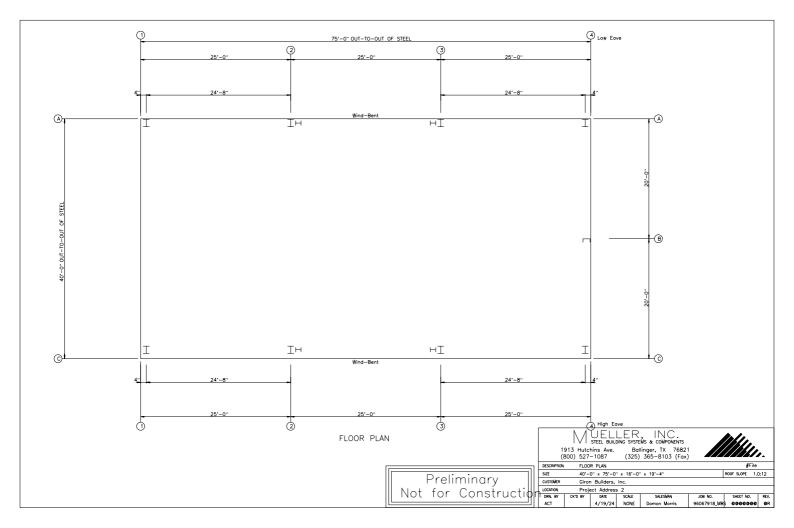


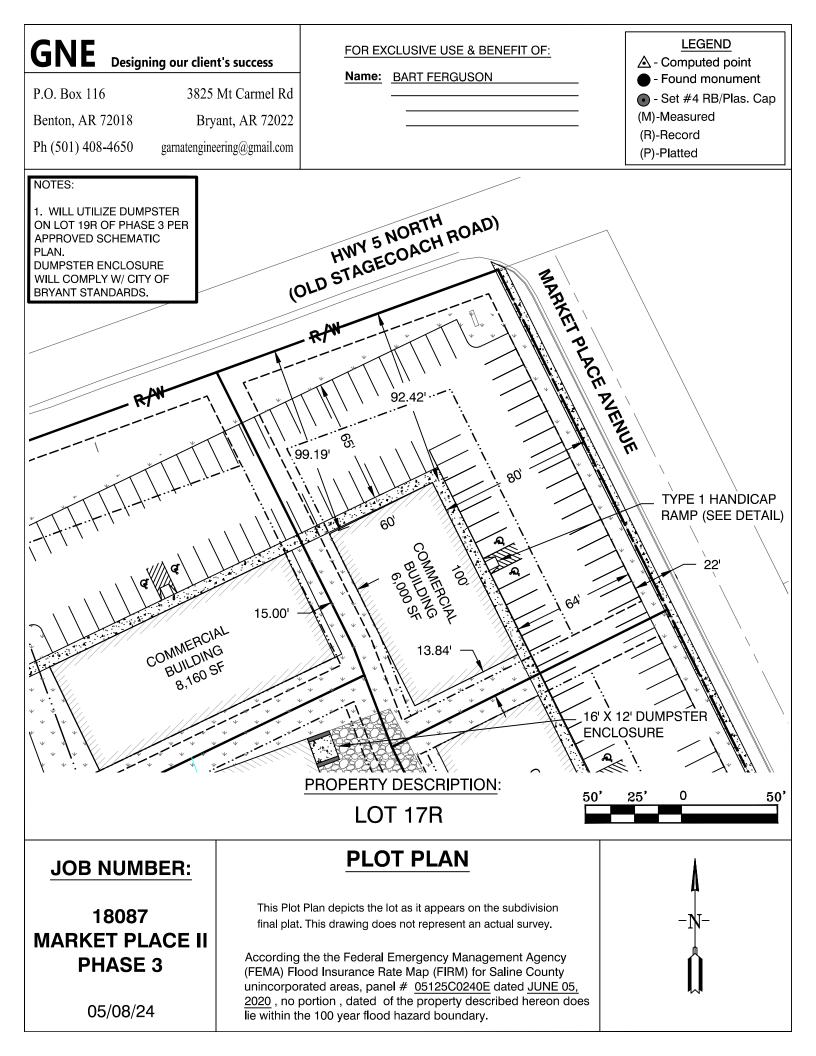


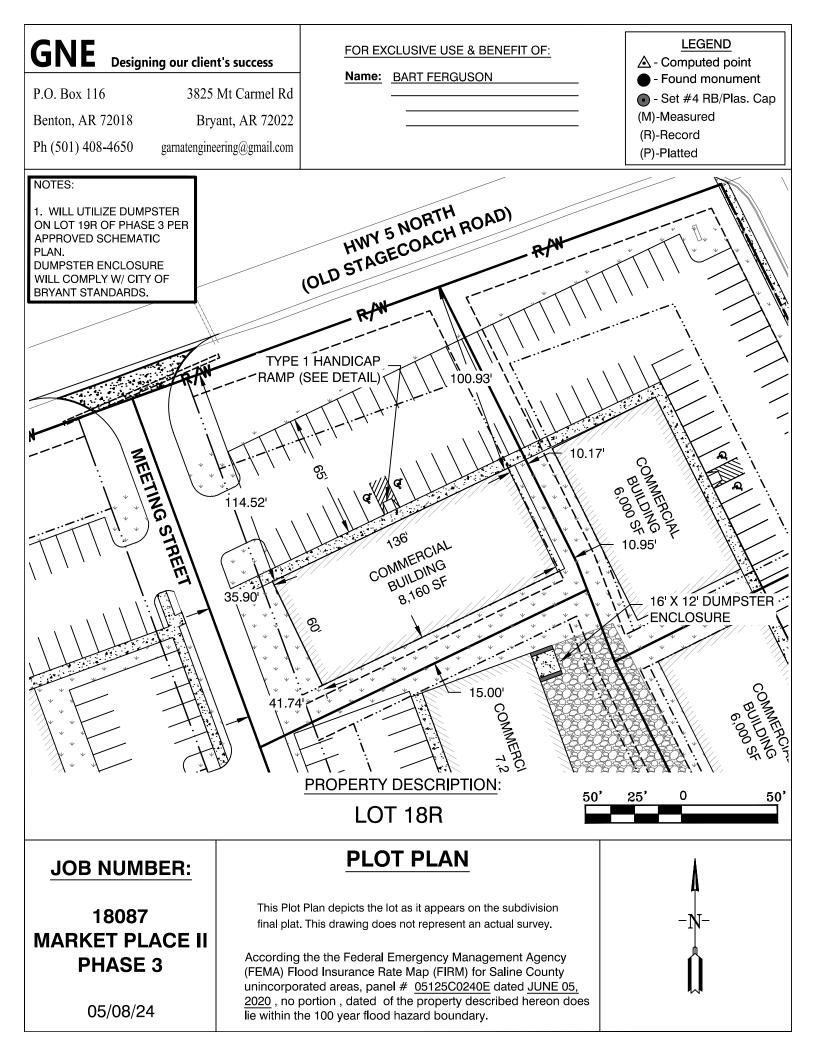


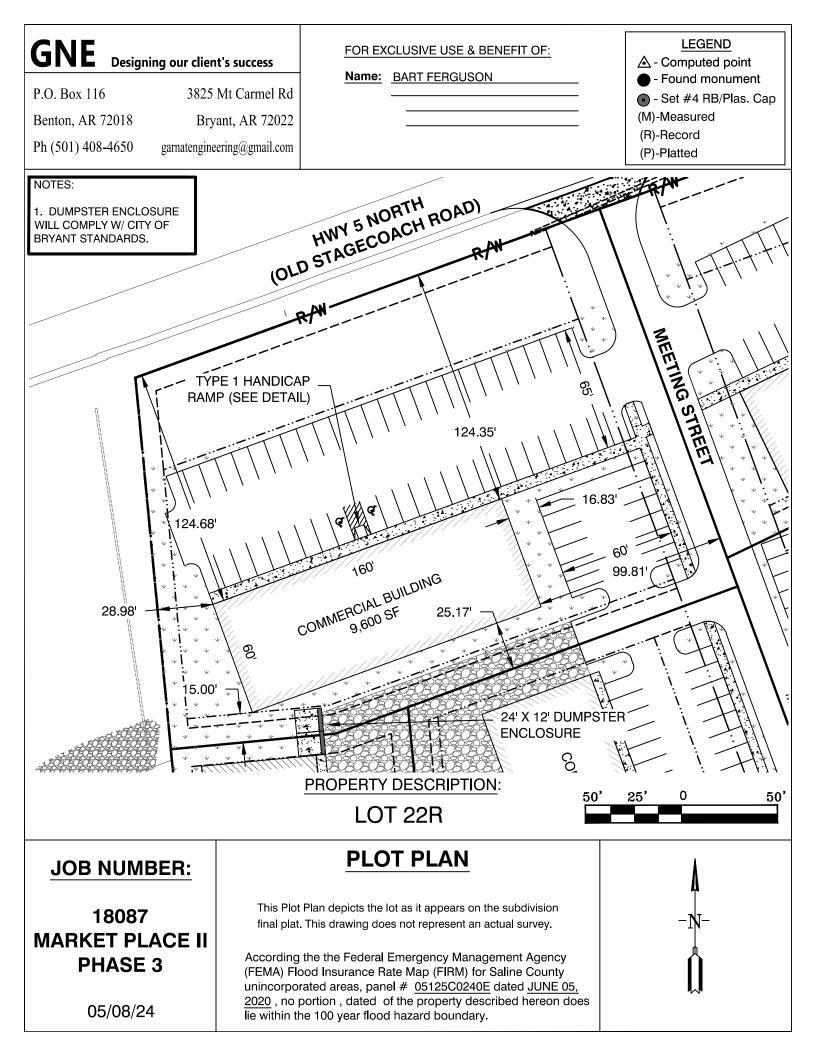


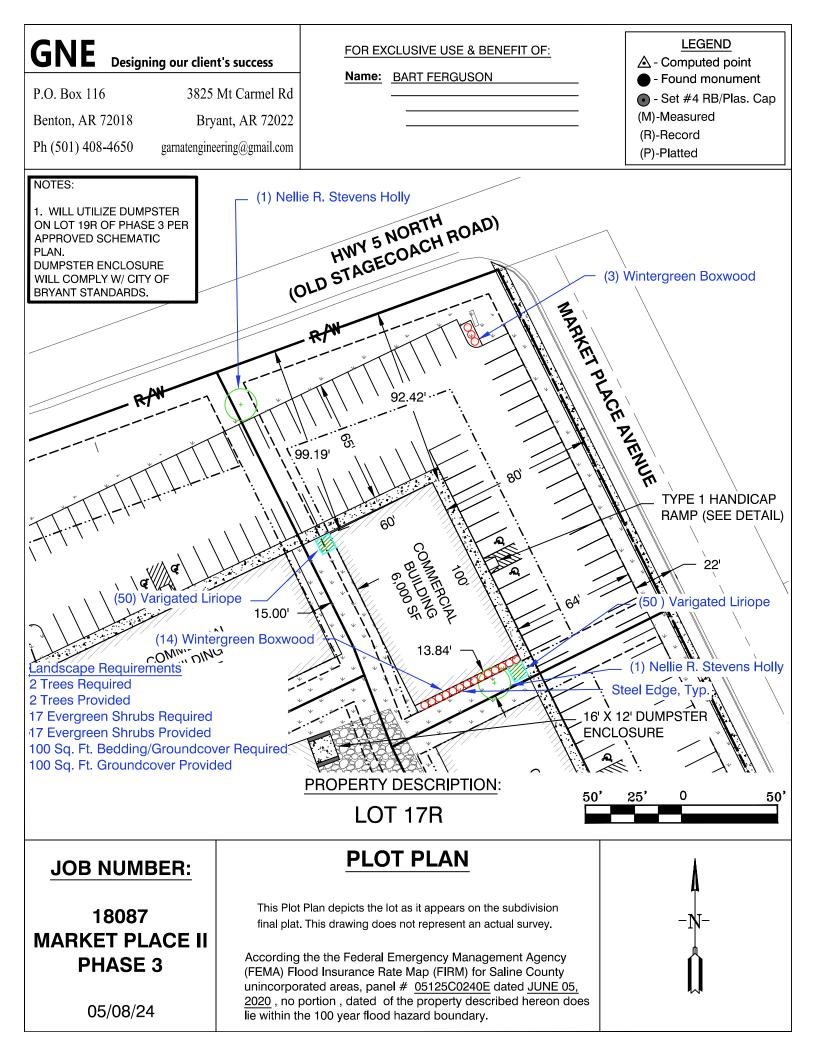


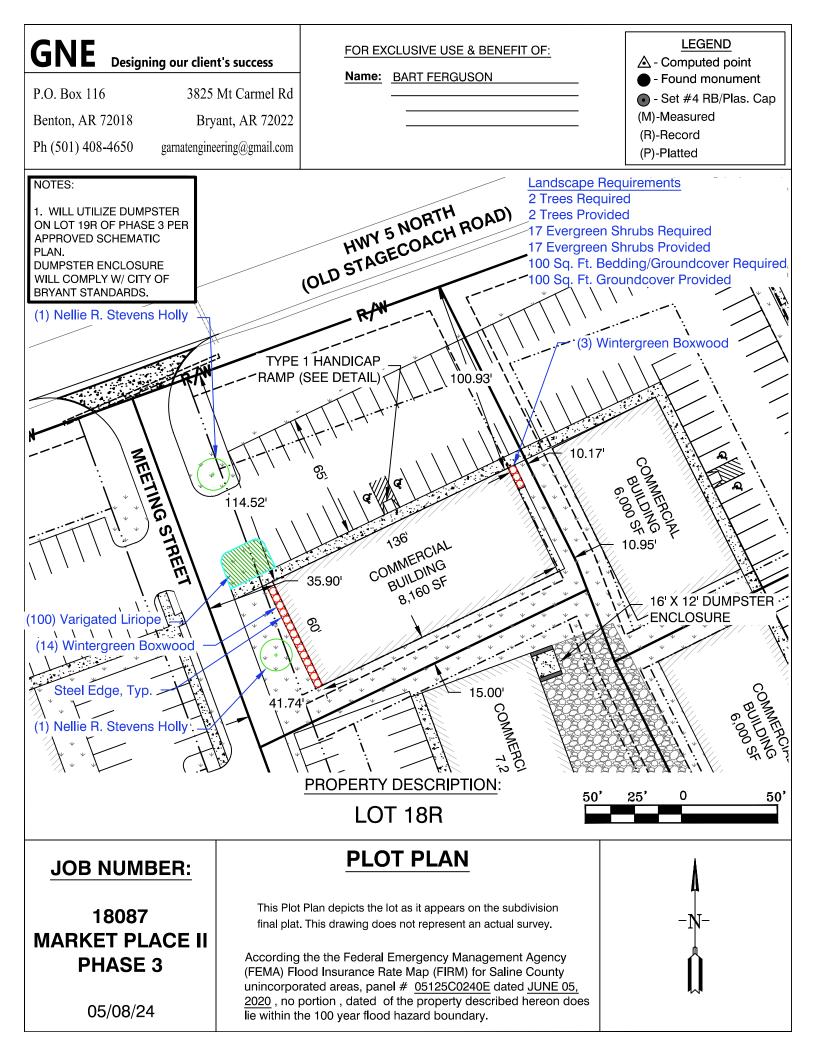


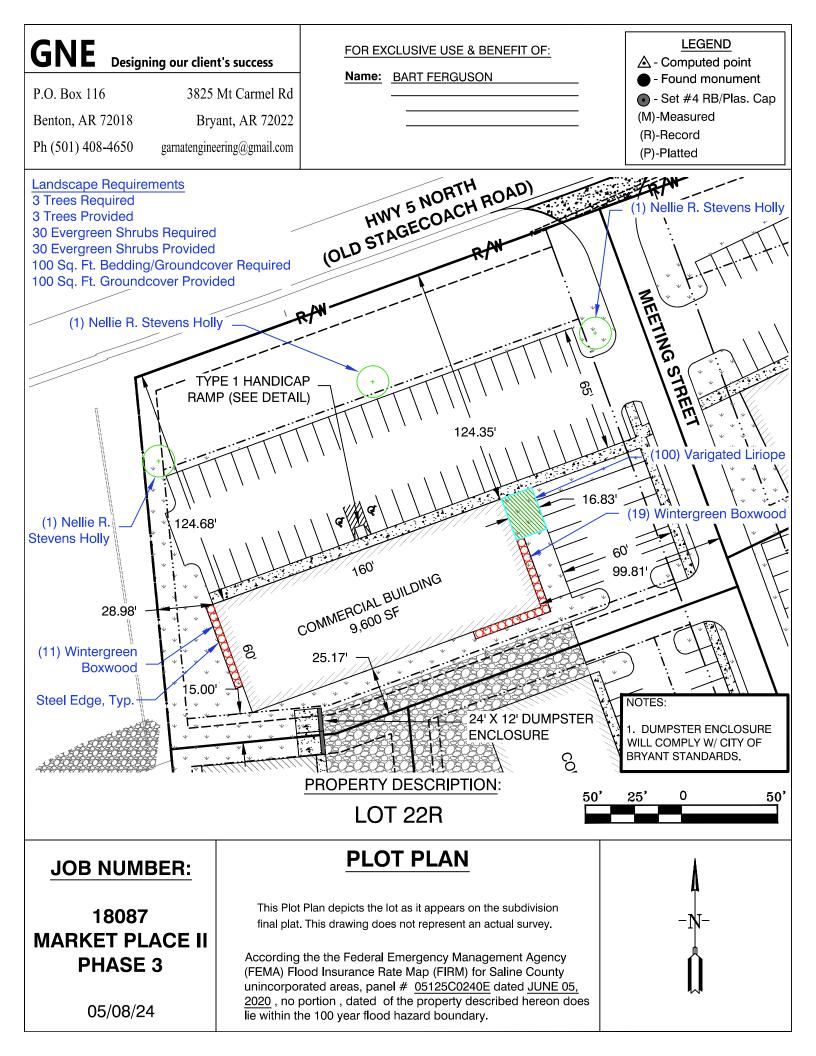


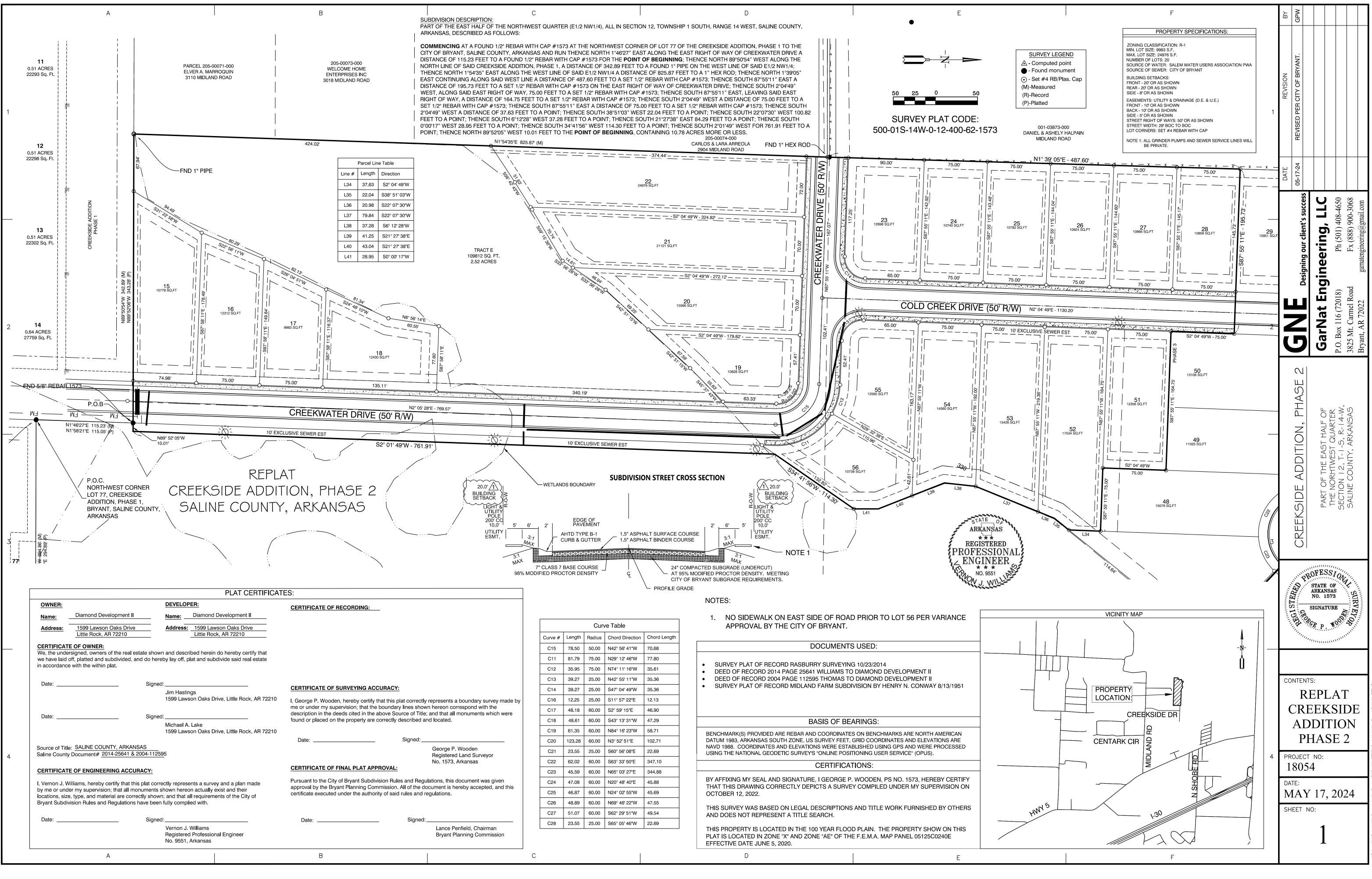












Projects/2018 Projects/18054 Creekside Addition/Drawings\DWGs\18054-DESIGN-Creekside-Addition-Phase-2-R6



Staff Approved 6 Facade Signs. Pole Sign to be Approved by DRC on 5/30/24.

SIGN PERMIT APPLICATION

Applicants are advised to read the Sign Ordinance prior to completing and signing this form. The Sign Ordinance is available at www.cityofbryant.com under the Planning and Community Development tab.

5/15/2024 Date:

Note: Electrical Permits may be Required, Please contact the Community Development Office for more information.

Property Owner

Name Alicia Walton - Springfield Sign Address 4825 E. Kearney St

City, State, Zip Springfield MO 65803

Phone 417-862-2454

Sign Co. or Sign Owner

Email Address aliciaw@springfieldsign.com

Name Michael Lannon

Address 529 N Prince Lane

City, State, Zip Springfield MO 65803

Phone 417-860-4714

Email Address michael.lannon@cmcmod.com

GENERAL INFORMATION

Seven Brew Name of Business

Address/Location of sign 2202 Reynolds Dr Bryant AR

Zoning Classification C-2

Please use following page to provide details on the signs requesting approval. Along with information provided on this application, a Site Plan showing placement of sign(s) and any existing sign(s) on the property is required to be submitted. Renderings of the sign(s) showing the correct dimensions is also required to be submitted with the application. A thirty-five dollar (\$35) per sign payment will be collected at the time of permit issuance. According to the Sign Ordinance a fee for and sign variance or special sign permit request shall be one hundred dollars (\$100). Additional documentation may be required by Sign Administrator.

READ CAREFULLY BEFORE SIGNING

Alicia Walton

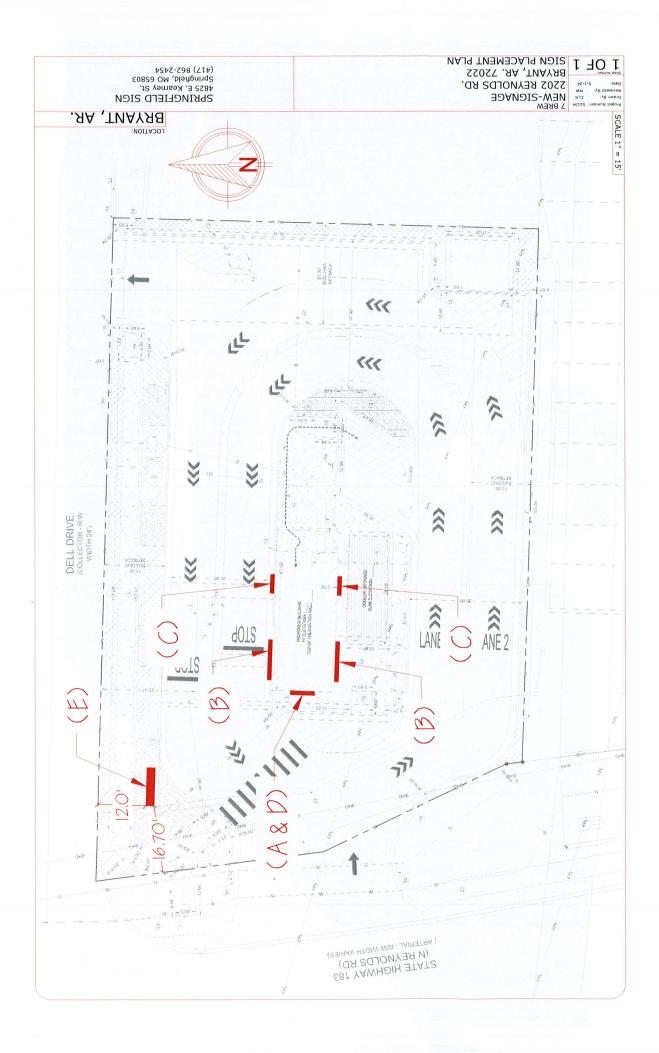
__, do hereby certify that all information contained within this application is true and correct. I fully understand that the terms of the Sign Ordinance supersede the Sign Administrator's approval and that all signs must fully comply with all terms of the Sign Ordinance regardless of approval. I further certify that the proposed sign is authorized by the owner of the property and that I am authorized by the property owner to make this application. I understand

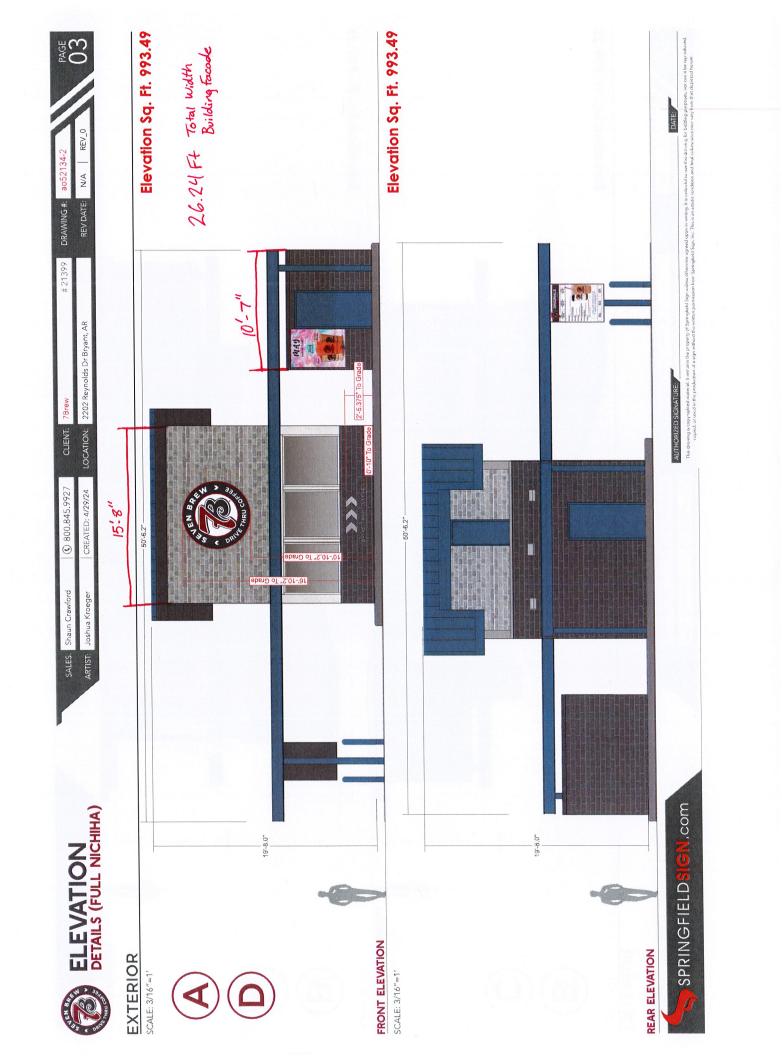
Use table below to enter information regarding each sign for approval. Please use each letter to reference each sign rendering.

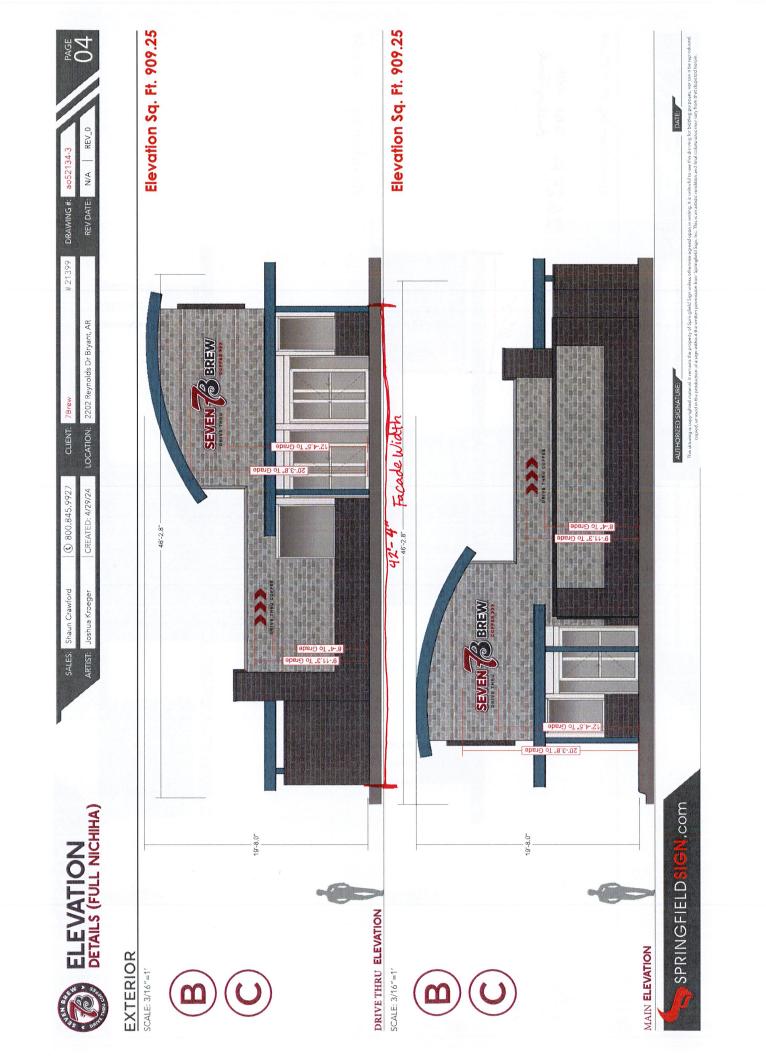
	SIGN	Type (Façade, Pole, Monument, other)	Dimensions (Height, Length, Width)	Sqft (Measured in whole as rectangle)		t of Sign rom lot surface)	Column for Admin Certifying Approval
				and the charges and	Top of Sign	Bottom of Sign	
Round Logo Seven Brew	А	Front Wall	6' x 6'	36 28.27	16' 10.2"	10'10.2"	
	В	Drive Thru wall	3' 2 1/8 x 10'	31.76	20' 3.8"	12' 4.5"	
Seven Brew Front "Drive" Side "Drive Thru"	Ba	Main wall	3' 2 1/8 x 10'	31.76	20' 3.8"	12' 4.5"	क्रांट १० जन्म अन्
Front "Drive" Thru	DK	Front panel	1' 7 3/8 x 4'9"	7.66	2' 5.375"	10'	
side "Drive Thru"	CK	Side panel x 2	1' 7 3/8 x 4'9"	7.66	9' 11.3	8'4.5"	in the second second
	ER	Pole sign	9' 4" x 9' 6"	88.63 63.62	25'	16	

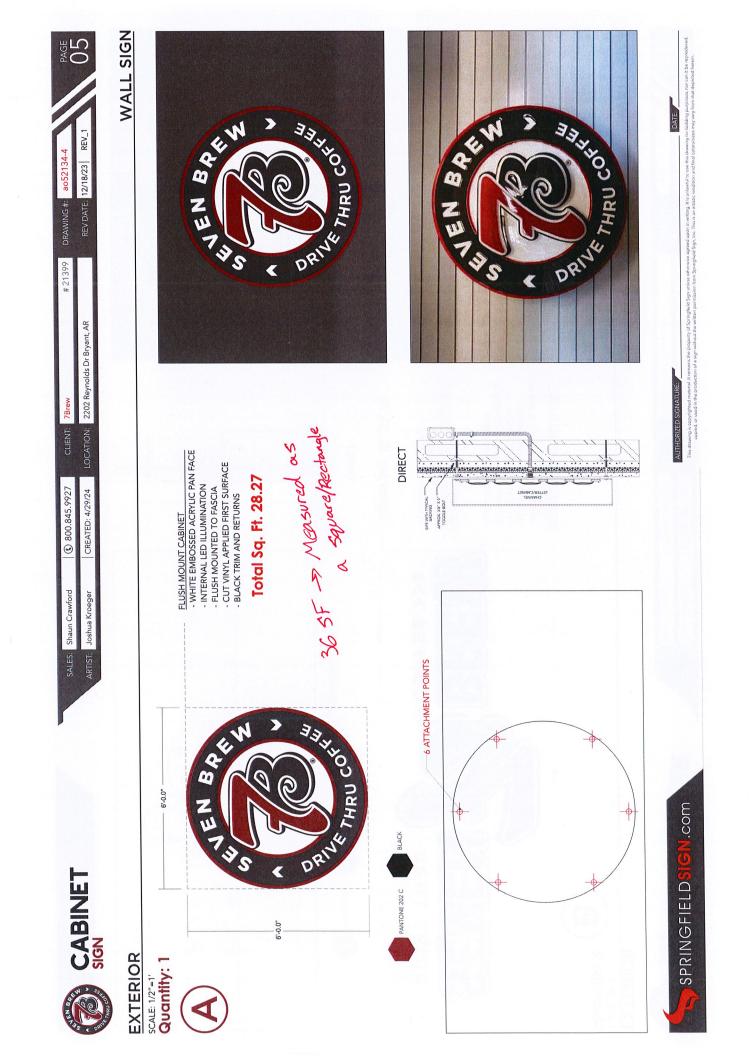
According to sign Code, All Signage is Measured as a Rectangle. 211.13 Total SF on Site

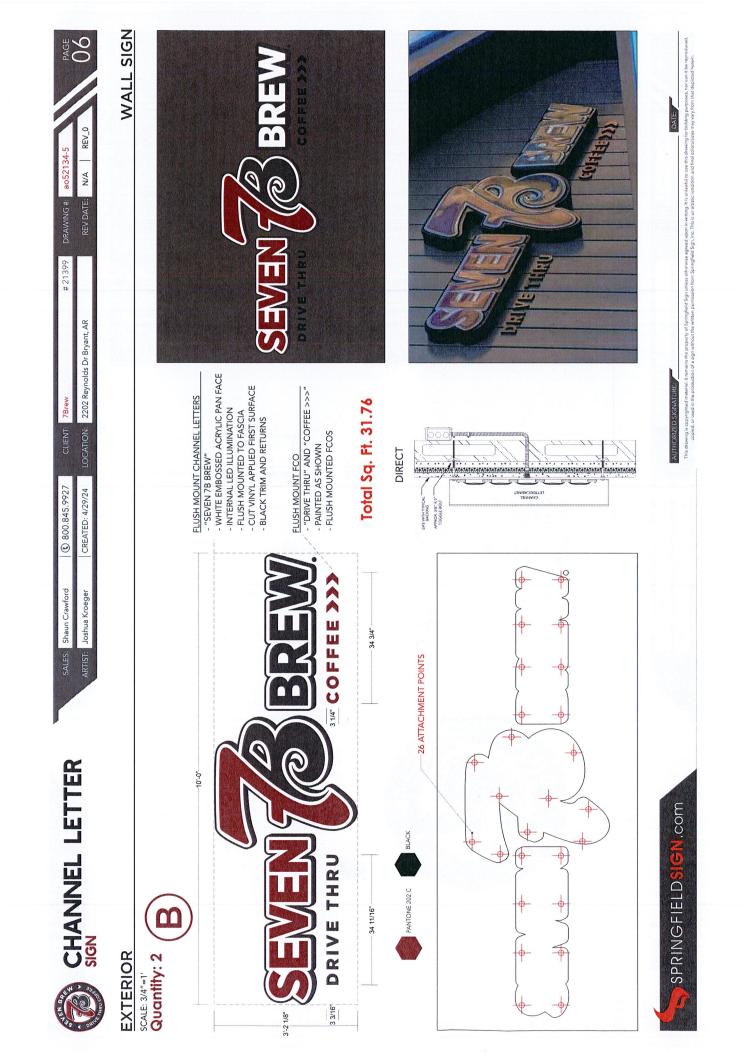


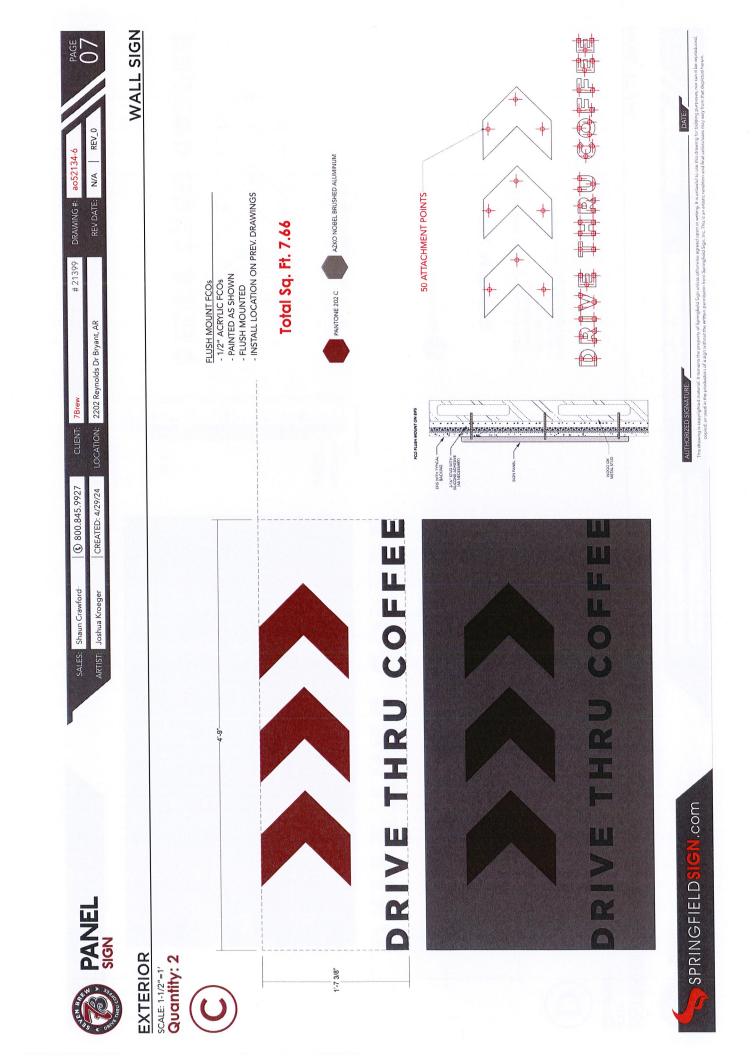


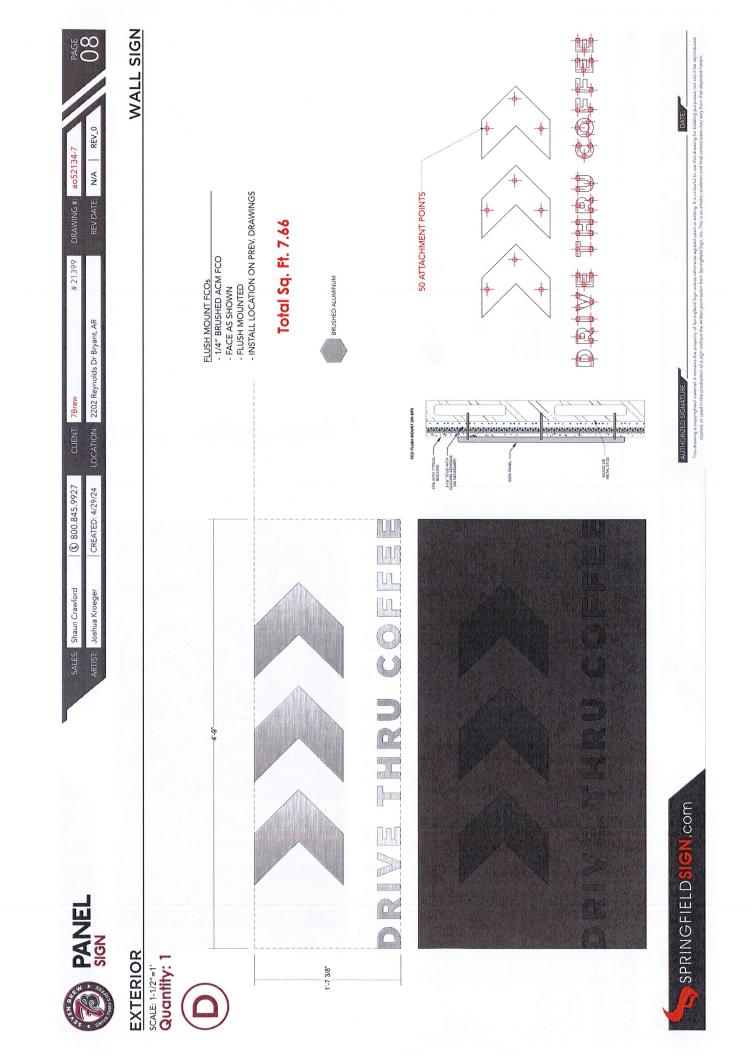




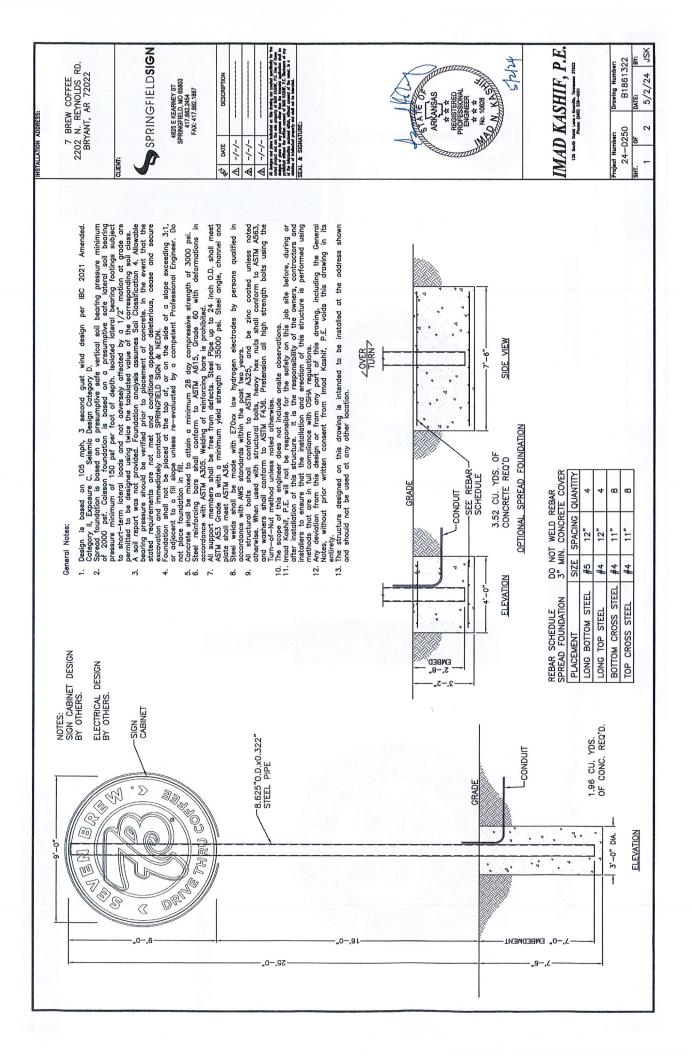












	7 BREW COFFEE	BRYANT, AR 72022			CLIENT:		CDUNCTITION	2 SPIKINGFIELDJIGN		4825 E KEARNEY ST	SPRINGFIELD, MO 65803 417 862 2454	FAX: 417.862.1887				<u>-/-/-</u> ₩	-/-/- 🛛	-/-/- \	this drashing an	designs or plane for any purpose other than the intereded application shall be probled without the written consent of MUD KUSNE, P.E. Machaurs of any	No.	SEAL & SIGNATURE:								. 6.	VII	area	A THEY AVE OR	A ADANICAS		REGISTERED	PROFESSIONAL		No. 10828	ALLS N N OF		1 mars	1-1016		IMAD KASHIF, P.E.	Profest Number: Drawloo Number:	0
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OWNER 7 BREW COFFEE	2202 N. REY NOLDS RD. BRY ANT. AR 72022		SPANGHELD	4825 E KEARNEY ST. SERINGERE D MO		,	AREA .	62.817	8 050	200.0		RT=TUBE)	DESIGN	MODULUS	COLUMN	7 20.80	20.80			28.255	1.480		7 500	3.167	14.250	15.426	32.941	1.758	1 815	1592	3.519	19.518		38.000													
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SIGN PURCHASE AGREEMENT 800.845.9927 springfieldsign.com

Springfield Sign & Graphics, INC. d/b/a Springfield Sign (herein after referred to as Seller), and Buyer (as outlined below and labeled as Buyer) witnesseth, that the Seller agrees to manufacture for Buyer the sign(s) and/or other sign products/services as outlined in a separate E2 document as follows, QUOTE Number: (year), by and between (month), 20 or other such unique document of description as follows: day of This agreement, made and entered into this

DESCRIPTION

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FINE PRINT



DOCUMENT

Buyer herein shall be assigned only with the oneent and approval of Seller. No transfer or greement or any interest hereunder shall rely

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SIGN PERMIT APPLICATION

Applicants are advised to read the Sign Ordinance prior to completing and signing this form. The Sign Ordinance is available at <u>www.cityofbryant.com</u> under the Planning and Community Development tab.

Date: 5/1/2024

Sign Co. or Sign Owner

Name L. GropMice
Address 701 N. Rey polds Rd
City, State, Zip Bryon AR72022 Phone (501) 653 - 4444
Phone (501) 653-4444
Alternate Phone

Note: Electrical Permits may be	
Required, Please contact the	
Community Development Office	
for more information.	

Property Owner

Bart Furgu Name Address 205 REDGCER City, State, Zip Brunn Phone SOI Alternate Phone

GENERAL INFORMATION

Name of Business 205 Progress Way Ste. 100
Address/Location of sign_ practical Wellins Clinic
Zoning Classification

Please use following page to provide details on the signs requesting approval. Along with information provided on this application, a Site Plan showing placement of sign(s) and any existing sign(s) on the property is required to be submitted. Renderings of the sign(s) showing the correct dimensions is also required to be submitted with the application. A thirty-five dollar (\$35) per sign payment will be collected at the time of permit issuance. According to the Sign Ordinance a fee for and sign variance or special sign permit request shall be one hundred dollars (\$100). Additional documentation may be required by Sign Administrator.

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				Top of Sign	Bottom of Sign	
А	wall mount Selt Containt	48"×86"	28	17	13	
В						
С						
E						
F						
G	-					





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Date: 5/1/2024

Sign Co. or Sign Owner

Name L. Grophics
Name <u>L. GROPWCS</u> Address 701 <u>N. Ruynolds</u> Rd City, State, Zip <u>Bryarl</u> , <u>AR 72022</u> Phone <u>(501)</u> <u>653-4444</u>
City, State, Zip Bryanly AR72022
Phone (501) 653-4444
Alternate Phone

Note: Electrical Permits may be
Required, Please contact the
Community Development Office
for more information.

Property Owner

Name Bart Furguson Address 3507 Market glace City, State, Zip Phone

Alternate Phone _____

GENERAL INFORMATION

Name of Business	EVie	Brooks	
Address/Location of sign	3507	Market	ste. 100
Zoning Classification			

Please use following page to provide details on the signs requesting approval. Along with information provided on this application, a **Site Plan showing placement of sign(s) and any existing sign(s) on the property is required** to be submitted. **Renderings of the sign(s) showing the correct dimensions is also required** to be submitted with the application. A thirty-five dollar (\$35) per sign payment will be collected at the time of permit issuance. According to the Sign Ordinance a fee for and sign variance or special sign permit request shall be one hundred dollars (\$100). Additional documentation may be required by Sign Administrator.

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	annan ann an an ann			Top of Sign	Bottom of Sign	
A	Wall mount Channel letter	124"×30"	25	16	13.5	
8						
С	a a dua ana ina na na na na ana a ana a ana a ana an				2	
E						
F	angen van bei viergepersonske en seksensensensen en andere en seksensensensensensensensensensensensensens	אין איז				
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20 feet 124 in 30 In Evie Brooks 3



SIGN PERMIT APPLICATION

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04/30/24

Date:

Note: Electrical Permits may be Required, Please contact the Community Development Office for more information.

Sign Co. or Sign Owner	Property Owner						
NameARKANSAS SIGN & NEON	Name SPLASH CAR WASH						
Address-8525 DISTRIBUTION DR	Address 107 BRYANT AVE						
City, State TipTLE ROCK, AR 72209	City, State, Zip <u>BRYANT AR</u>						
501-562-3942 Phone	Phone						
Email Addresslora@arkansassign.com	Email Address AMIDDLETON@MIDDLETONINC.COM						
GENERAL INFORMATION SPLASH CAR WASH Name of Business Address/Location of sign107 BRYANT AVE, BRYA							

Zoning Classification

Please use following page to provide details on the signs requesting approval. Along with information provided on this application, a **Site Plan showing placement of sign(s) and any existing sign(s) on the property is <u>required</u> to be submitted. Renderings of the sign(s) showing the correct dimensions is also** <u>required</u> to be submitted with the application. A thirty-five dollar (\$35) per sign payment will be collected at the time of permit issuance. According to the Sign Ordinance a fee for and sign variance or special sign permit request shall be one hundred dollars (\$100). Additional documentation may be required by Sign Administrator.

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				Top of Sign	Bottom of Sign	
A	WALL	48" X 131"	43.5	16'	12'	
В						
C		JOB	COST 4	850.00		
E						
F						
G						



SIGN PERMIT APPLICATION

Applicants are advised to read the Sign Ordinance prior to completing and signing this form. The Sign Ordinance is available at <u>acavace prior of completion</u> under the Planning and Community Development tab.

Date: 4-24-24

Name SOUTHPAN DESIENCE

City, State, Zip BENTON 44 Phone SDJ - S63-4725 Email Address South powedes

Address 406 HW45

Sign Co. or Sign Owner

Note: Electrical Permits may be Required, Please contact the Community Development Office for more information.

Property Owner

5	Name MIKE YAFAI
	Address 319 BRYANT AUC
-720Kg	City, State, Zip BRYANT, AR
<u> </u>	Phone 561-615-3327
ignse	Email Address CMPIRE WHOLESALE 3 BOD
sicon	egmail.com

GENERAL INFORMATION

Name of Business Em	PIRZE	VAPE + TOBAC	もつ
Address/Location of sign	319	BRYANT AVE	BRYANT, AR
Zaning Claudification			

Zoning Classification

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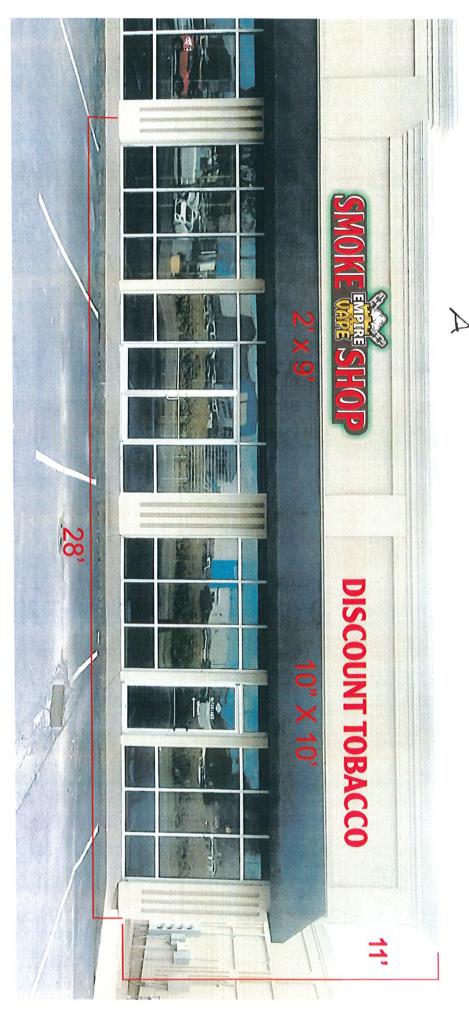
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				Top of Sign	Bottom of Sign	
A	STOREFRONT	2' × 5'	18FT	(1)	90 H	
В						
C					,	
E	······					
F						
G		· · · · · · · · · · · · · · · · · · ·				







Signs of all Kinds 515 N. East St. Benton, A.R. 72015

(501) 563-4725

Artwork Approved By:

Date:

South

DEIM

Designs

Project: Empire Vape- Bryant, AR Description: Exterior channel and dimensional letters





southpawdesigns@yahoo.com

Artwork Approved By:

:916C

Project: Empire Vape- Bryant Description: Roadside sign concept



***NOTICE:** All designs, structural and installation engineering ideals and original artwork and applications thereof are the intellectual property of Southpaw Designs. All rights reserved. Any unauthorized usage, duplication of or any reasonable likeness thereof shall be considered infringement and proper legal recourse will be taken upon all parties involved in design, production, construction, installation and display in any form.



sontpbawdesigns@yahoo.com

Artwork Approved By:

:916C

Rendering

Project: Empire Vape- Bryant Description: Roadside sign concept



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Date: 5/20/2024

Sign Co. or Sign Owner

Name Timothy & Drew Files

Address 19901 Highway 300

City, State, Zip Roland, AR 72135

Phone 973-834-5000

Email Address_filesdevelopmentar@gmail.com

Property Owner

NameTimothy & Drew FilesAddress19901 Highway 300City, State, ZipRoland, AR 72135Phone973-834-5000Email Addressbryantgassys@gmail.com

GENERAL INFORMATION

Name of Business Gassys Fuel Station Bryant LLC

Address/Location of sign_ 6101 Highway 5 N. Bryant, AR 72022

Zoning Classification Commercial

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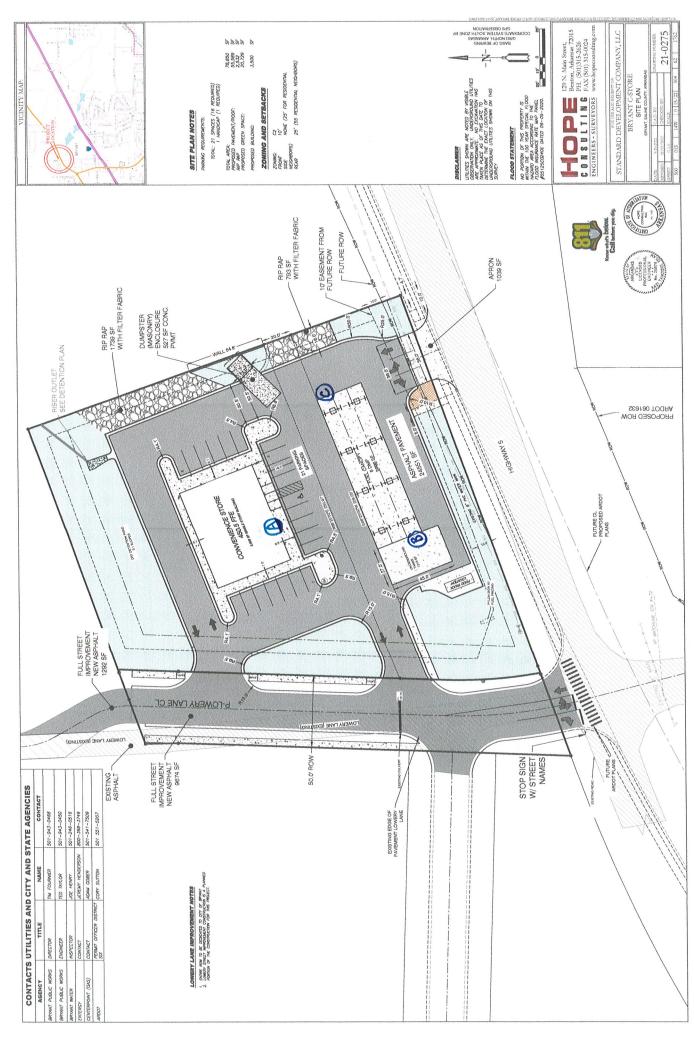
READ CAREFULLY BEFORE SIGNING

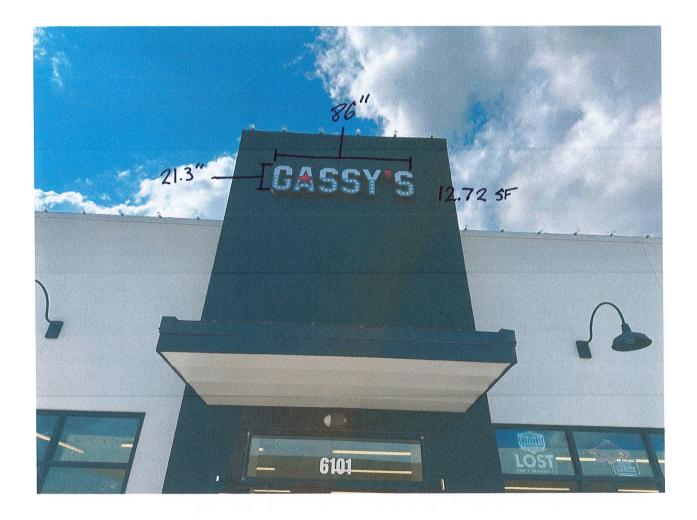
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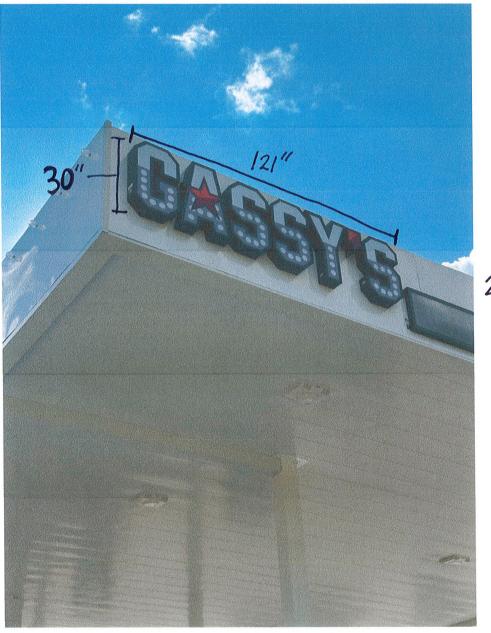
	SIGN Type (Façade, Pole, Monument, other)		Dimensions (Height, Length, Width)	Sqft (Measured in whole as rectangle)	Height of Sign (Measured from lot surface)		Column for Admin Certifying Approval
					Top of Sign	Bottom of Sign	
	A	Facade Sign	21.3" x 86" x 5"	1831.8	22 ft	20 ft 4 in	
	В	Canopy Sign	30" x 121" x 5"	3630	22 ft	14 ft	
	С	Canopy Sign	30" x 121" x 5"	3630	22 ft	14 ft	
<u> </u>	E	Canopy Sign	41.8" x 19" x 2.5"	794.2	22 ft	14 ft	
Cas S	F	Canopy Sign	41.8" x 19" x 2.5"	794.2	22 ft	14 ft	
Gas Pump Signage?	G	Canopy Sign	41.8" x 19" x 2.5"	794.2	22 ft	14 ft	
	н	Canopy Sign	41.8" x 19" x 2.5"	794.2	22 ft	14 ft	

- These Not Require a permit





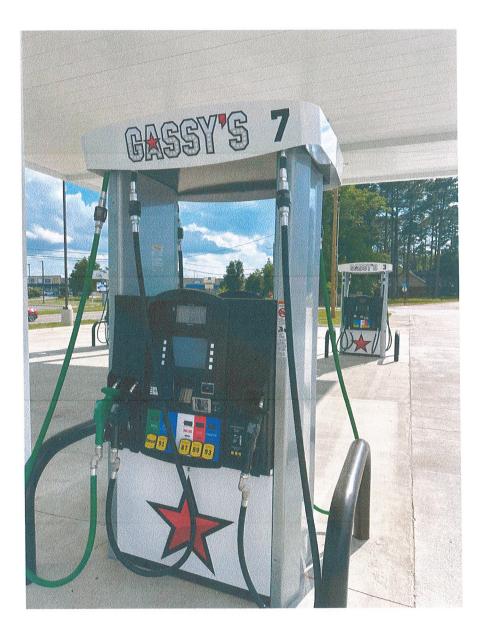
Α



B-ABC

25.20 SF





E-H?



SIGN PERMIT APPLICATION

Applicants are advised to read the Sign Ordinance prior to completing and signing this form. The Sign Ordinance is available at www.cityofbryant.com under the Planning and Community Development tab.

Date: ____05/07/2024

Note: Electrical Permits may be Required, Please contact the Community Development Office for more information.

Sign Co. or Sign Owner	Property Owner			
NameARKANSAS SIGN & NEON	Name EDWARD JONES			
Address 8525 DISTRIBUTION DR	Address 2305 Springhill Rd Ste 3			
City, State, ZIJ TLE ROCK AR 72209	Bryant, AR 72019-7560 City, State, Zip			
Phone 501.562.3942	Phone			
lora@arkansassign.com Email Address	Email Address			
GENERAL INFORMATION				
Name of Business EDWARD JONES				
Address/Location of sign 2305 Springhill Rd Ste Bryant, AR 720				

Zoning Classification

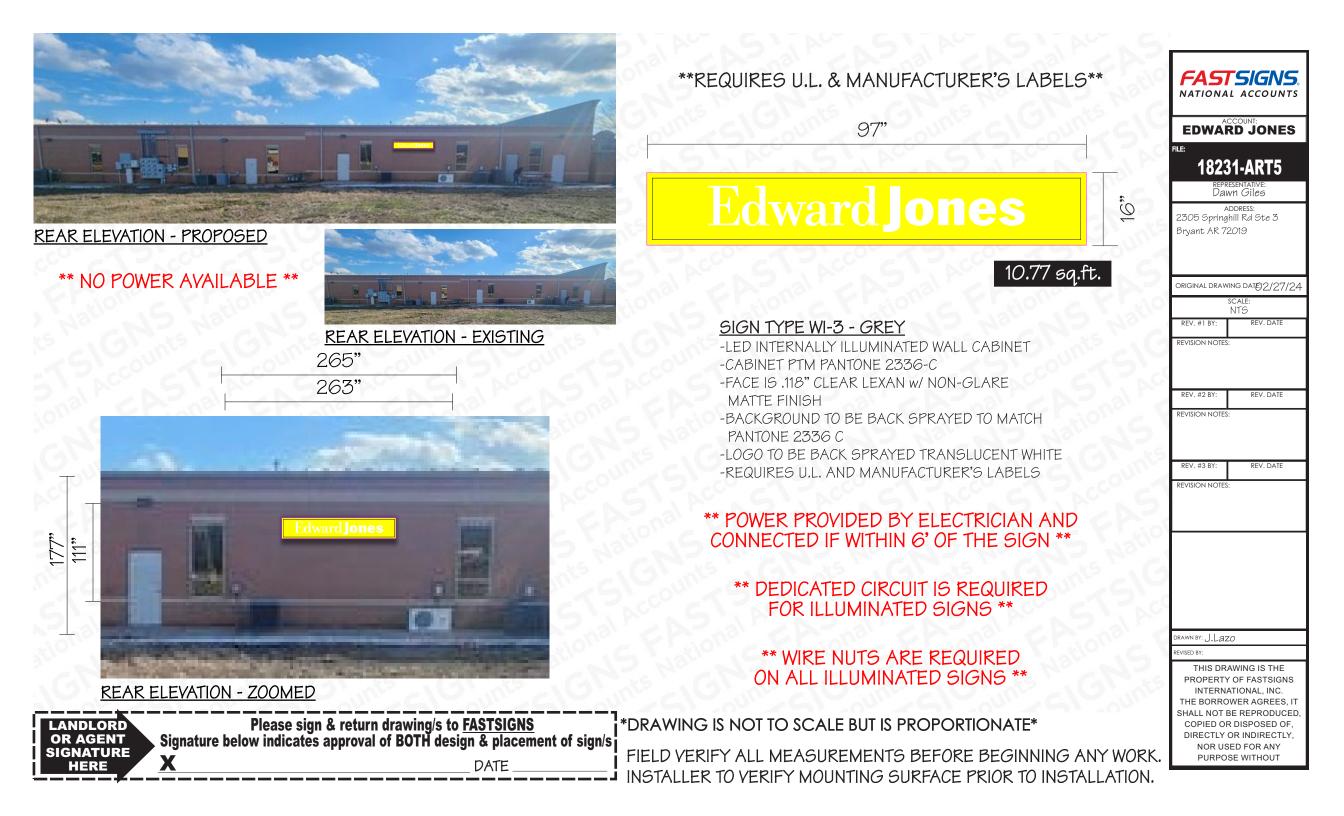
Please use following page to provide details on the signs requesting approval. Along with information provided on this application, a **Site Plan showing placement of sign(s) and any existing sign(s) on the property is <u>required</u> to be submitted. Renderings of the sign(s) showing the correct dimensions is also** <u>required</u> to be submitted with the application. A thirty-five dollar (\$35) per sign payment will be collected at the time of permit issuance. According to the Sign Ordinance a fee for and sign variance or special sign permit request shall be one hundred dollars (\$100). Additional documentation may be required by Sign Administrator.

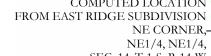
READ CAREFULLY BEFORE SIGNING

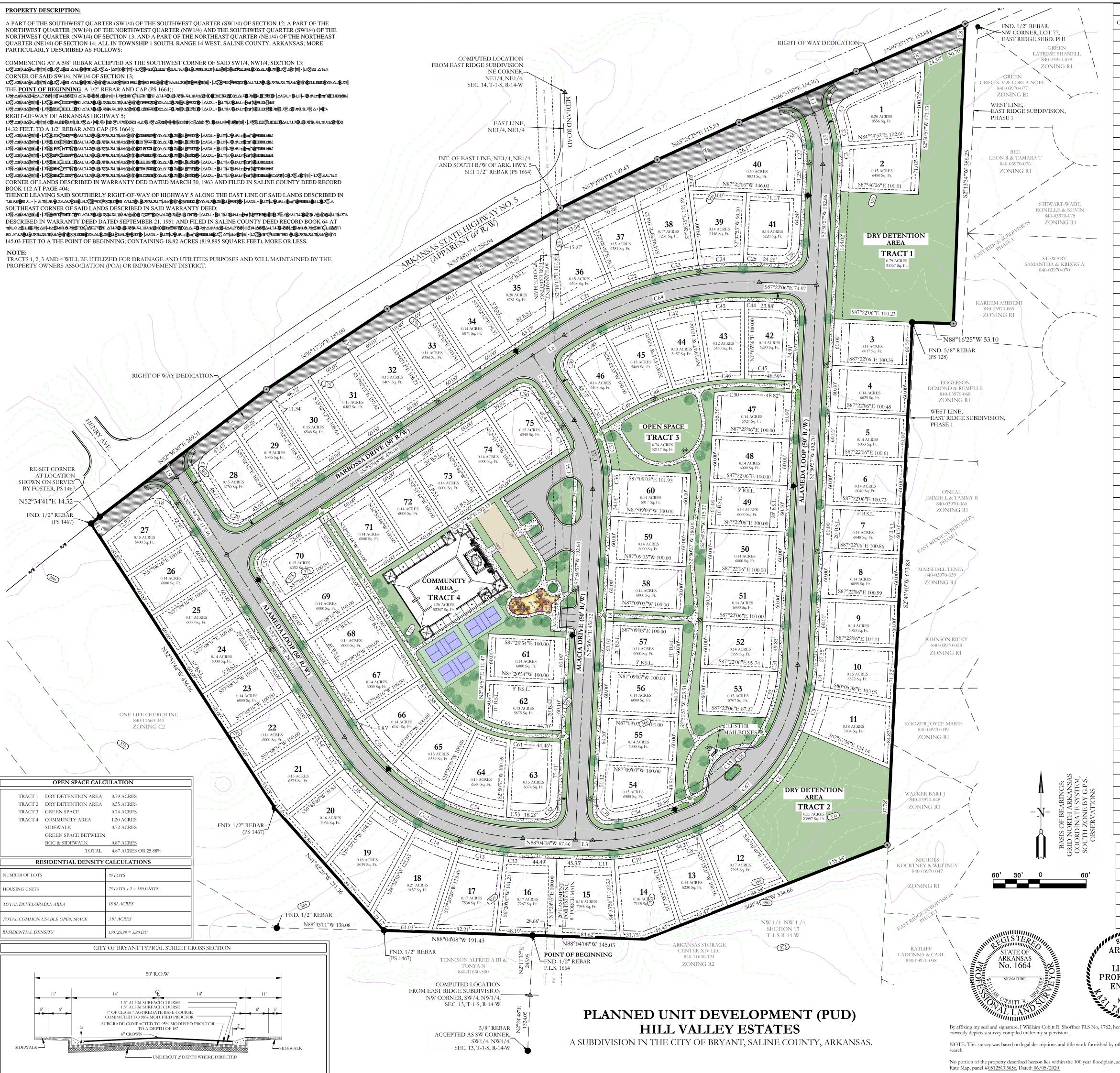
and correct. I fully understand that the terms of the Sign Ordinance supersede the Sign Administrator's approval and that all signs must fully comply with all terms of the Sign Ordinance regardless of approval. I further certify that the proposed sign is authorized by the owner of the property and that I am authorized by the property owner to make this application. I understand

Use table below to enter information regarding each sign for approval. Please use each letter to reference each sign rendering.

SIGN	Type (Façade, Pole, Monument, other)	Dimensions (Height, Length, Width)	Sqft (Measured in whole as rectangle)	Height of Sign (Measured from lot surface)		Column for Admin Certifying Approval
				Top of Sign	Bottom of Sign	
A	WALL	16" X 97"	10.83	10'	8'8"	
В						
C						
E						
F						
G						

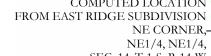


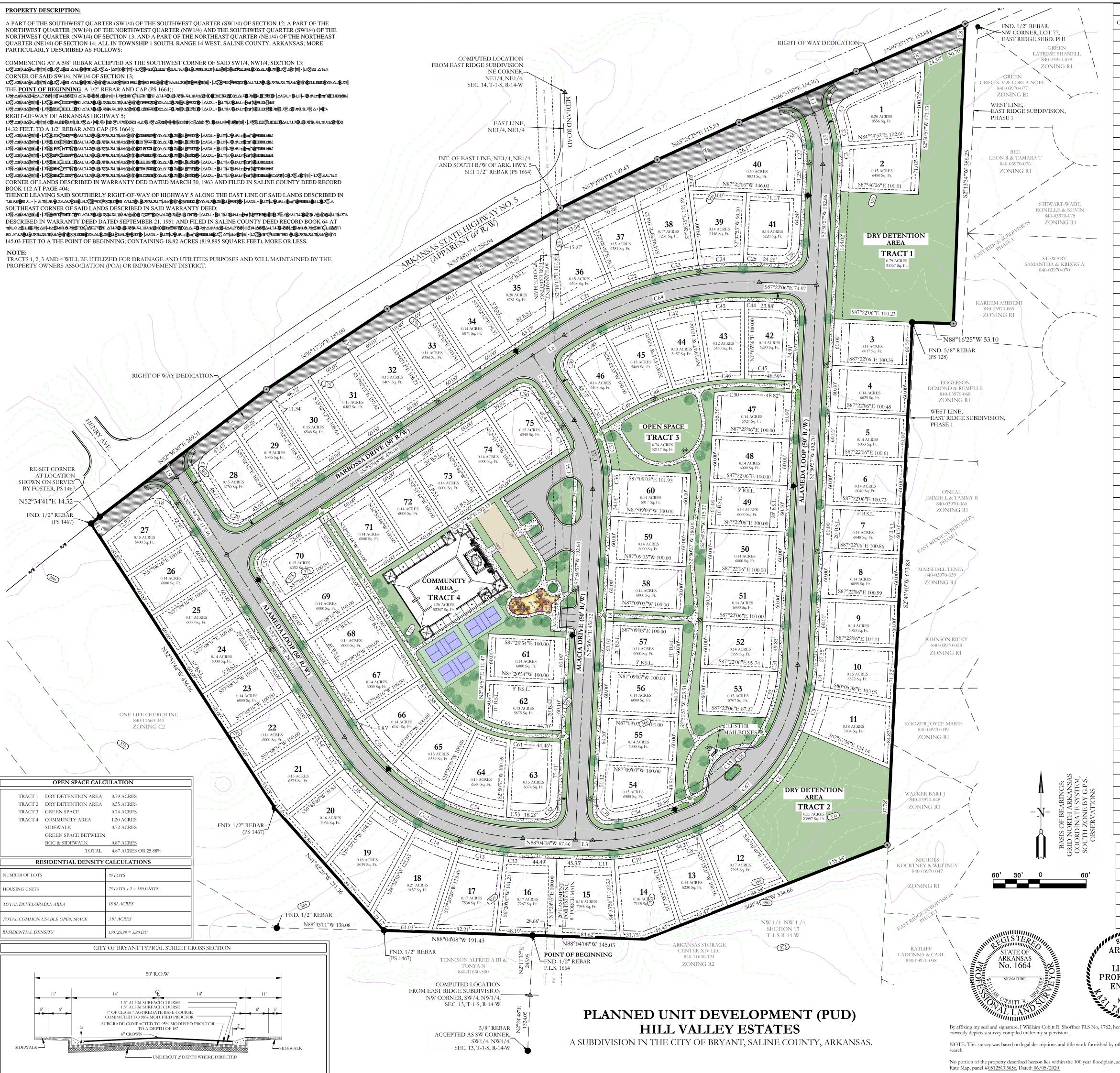




urve # C1	Longi	D 1'	Curve 7		Chord Length	VICINITY MAP:
01	Length 35.53	Radius 25.00	Delta 81.43	Chord Direction N24° 29' 11"E	32.62	PROJECT NTRAL CR
22	34.30	175.00	11.23	N10° 37' 00"W	34.24	LOCATION
23	23.98	175.00	7.85	N1° 04' 36"W	23.96	
24	30.79	250.00	7.06	N6° 22' 39"E	30.77	
	56.73	250.00	13.00	N16° 24' 23"E	56.60	
_	134.89 56.22	250.00 250.00	30.92 12.89	N38° 21' 52"E N60° 15' 53"E	133.26 56.10	t t shocks LN t
8	8.88	250.00	2.04	N67° 43' 30"E	8.88	
)	15.96	250.00	3.66	N70° 34' 18"E	15.96	The second secon
	56.73	250.00	13.00	N78° 54' 03"E	56.60	g tweetness on STONE/Pive
_	28.49	250.00	6.53	N88° 39' 58"E	28.48	
2	23.82	310.00	4.40	S85° 52' 04"E	23.81	PADEFOREEX OR
,	60.09 60.09	310.00 310.00	11.11	S78° 06' 47"E S67° 00' 22"E	60.00 60.00	TROPF LN'
4 5	60.09	310.00	11.11	S55° 53' 57"E	60.00	
6	60.09	310.00	11.11	S44° 47' 32"E	60.00	
7	34.50	310.00	6.38	S36° 03' 02"E	34.48	CERTIFICATIONS:
8	41.69	25.00	95.54	S80° 37' 51"E	37.02	
9	36.85	25.00	84.46	S9° 22' 09"W	33.61	OWNER: DEVELOPER: Name: EINHEV & COMPANY
0 :1	39.35 85.63	25.00 450.00	90.17 10.90	S77° 56' 58"E N62° 24' 54"E	35.41 378.86	Address: DO POX 10
2	57.73	450.00	7.35	N71° 32' 31"E	373.57	BRYANT, AR 72089 Address: BRYANT
3	57.34	450.00	7.30	N78° 52' 03"E	57.30	
4	57.80	450.00	7.36	N86° 11' 51"E	57.76	CERTIFICATE OF OWNER:
;	21.64	450.00	2.75	S88° 44' 45"E	21.63	We, the undersigned, owners of the real estate shown and described herein do laid off, platted and subdivided, and do hereby lay off, plat and subdivide said with the within plat.
	39.18	25.00	89.78	N47° 44' 25"E	35.29	Source of Title:
+	22.50	125.00	10.32	N2° 18' 31"W	22.47	Date of Execution Name:
	46.83	25.00 25.00	107.33 90.22	N61° 07' 52"W N42° 15' 35"W	40.28	Date of Excettion IName:
9	59.36	285.00	10.35	S87° 27' 27"W	51.41	CERTIFICATE OF PRELIMINARY SURVEYING ACCURA
1	10.18	200.00	2.92	N4° 18' 25"E	10.18	I, Corbitt R. Shoffner, hereby certify that this proposed preliminary plat correct completed by me, or under my supervision on, 2023; that
2	61.57	200.00	17.64	N14° 35' 04"E	61.33	hereon correspond with the description in the deeds cited in the above Source monuments which were found or placed on the property are correctly described
3	158.26	200.00	45.34	N46° 04' 24"E	154.16	
4	48.27	200.00	13.83	N75° 39' 22"E	48.15	Signed:
5 6	43.76	25.00 175.00	100.28 8.52	S47° 17' 27"E S1° 24' 47"E	38.38 26.01	Date of Execution Bate of Execution Date of Execution Date of Execution Date of Execution Date of Execution
5 7	26.04 56.60	175.00 175.00	8.52 18.53	S1° 24' 47"E S14° 56' 29"E	26.01 56.36	Land Surveyor No. 1762
8	26.43	175.00	8.65	S28° 32' 05"E	26.41	CERTIFICATE OF PRELIMINARY ENGINEERING ACCU
	39.29	25.00	90.05	S12° 09' 53"W	35.37	I, Kazi Tamzidul Islam, hereby certify that this plat correctly represents a surve
)	42.58	400.00	6.10	S60° 14' 28"W	42.56	or under my supervision; that all monuments shown hereon actually exist and and material are correctly shown; and that all requirements of the City of Bryan Bomulations have been fully complied with
1	62.28	400.00	8.92	S67° 45' 04"W	62.22	Regulations have been fully complied with.
+	62.35	400.00	8.93	S76° 40' 37"W	62.28	
+	62.53 17.68	400.00	8.96 2.53	S85° 37' 14"W N88° 38' 05"W	62.47 17.68	
	17.68	400.00 300.00	2.53	N88° 38' 05"W S88° 38' 05"E	17.68	Date of Execution Kazi Tamzidual Islam Registered Professional
	46.07	300.00	8.80	N85° 41' 57"E	46.03	Engineer, No. 20876 Arka
	46.80	300.00	8.94	N76° 49' 49"E	46.75	
	47.49	300.00	9.07	N67° 49' 33"E	47.44	CERTIFICATE OF PRELIMINARY PLAT APPROVAL:
)	33.13	300.00	6.33	N60° 07' 37"E	33.11	All requirements of the City of Bryant Subdivision Rules and Regulations relat
) 1	39.35 26.69	25.00 125.00	90.17 12.23	S77° 56' 58"E S26° 44' 42"E	35.41 26.64	submittal of a Preliminary Plat having been fulfilled, approval of this plat is he further provisions of said Rules and Regulations.
_	26.69 38.87	125.00 25.00	12.23 89.08	S26° 44' 42"E S47° 23' 24"W	26.64 35.07	
2 3	22.16	260.00	4.88	N85° 37' 37"W	22.16	
4	85.52	260.00	18.85	N73° 45' 44"W	85.14	Date of Execution Signed: Rick Johnson, Chairman
4	51.22	125.00	23.48	S8° 53' 22"E	50.86	Bryant Planning Commi
5	78.73	260.00	17.35	N55° 39' 52"W	78.43	
6 7	64.11	260.00	14.13	N39° 55' 33"W	63.95	
	39.19 39.45	25.00 160.00	89.83 14.13	S12° 03' 02"W N39° 55' 33"W	35.30 39.35	
8 9	39.45 48.45	160.00	14.13	N39° 55' 33"W N55° 39' 52"W	48.26	
0	35.98	160.00	12.88	N74° 15' 20"W	35.91	
51	20.58	160.00	7.37	N84° 23' 01"W	20.57	PROPERTY SPECIFICATIONS:
2	274.61	285.00	55.21	N60° 27' 56"W	264.11	OWNER: FINLEY & COMPANY NUMBER OF LOTS: 75 PROPOSED ZONING:
4	264.58	425.00	35.67	S74° 47' 51"W	260.32	BRYANT, AR 72089 BRYANT, AR 72089 SOURCE OF WATER O
-+	66.36 56.56	150.00	25.35	S9° 49' 32"E	65.82	DEVELOPER/: FINLEY & COMPANY SOURCE OF SEWER: O SUBDIVIDER P.O BOX 10 SOURCE OF ELECTRIC BRYANT, AR 72089 SOURCE OF GAS: CEN
	56.56	145.00 225.00	22.35 65.89	N76° 53' 39"W S35° 47' 45"W	56.20 244.74	ENGINEERS: HOPE CONSULTING INC. 129 N. MAIN STREET BUILDING SETBACKS
	258 76	00		555 17 TJ W		BENTON, AR 72015 FRONT-20' OR AS SHO NAME OF SUBDIVISION: HILL VALLEY ESTATES REAR-10' OR AS SHOWN SIDE-5' OR AS SHOWN SIDE-5' OR AS SHOWN
5 6 7	258.76			Line T	able	PROPOSED HOUSE EXTERIOR: BRICK, VINYL, GLASS & WOOD UTILITY & DRAINAGE
5	Line T	able		L# Length D	rection	FROFOSED HOUSE EATERIOR. BRICK, VINTE, GLASS & WOOD FRONT-10' OR AS SHO REAR - 5' OR AS SHOW SIDE - 5' OR AS SHOW
6 7 Ler	Line T ngth D	irection				SIDE - 5' OR AS SHOW STREET RIGHT OF WA
Ler 28	Line T ngth D .34 S.	irection 22° 29' 59.	53"E	L6 48.35 N	56° 57' 47.62"E	
Let 28	Line T ngth D. .34 S. .00 S.	irection 22° 29' 59. 56° 57' 47.	53"E 62"W	L6 48.35 N L7 21.58 N	32° 51' 44.07''W	STREET WIDTH: 26' BC LOT CORNERS: SET 1/
Ler 288 15 222	Line T ngth D .34 S: .00 SS .38 N	irection 22° 29' 59. 56° 57' 47. 88° 04' 08.	53"E 62"W 20"W	L6 48.35 N L7 21.58 N L8 26.44 S	32° 51' 44.07"W 2° 13' 34.38"W	LOT CORNERS: SET 1/
28 15 22 15	Line T ngth D .34 S: .00 S! .38 N .00 S	irection 22° 29' 59. 56° 57' 47.	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S	32° 51' 44.07''W	LOT CORNERS: SET 1/
Ler 28 15 22 15 15	Line T ngth D. .34 S. .00 S5 .38 N .00 S .00 N	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S	32° 51' 44.07"W 2° 13' 34.38"W	129 N. N Benton, PH. (50
Ler 28 15 222 15 15	Line T ngth D .34 S: .00 SS .38 N .00 S .00 N	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S	32° 51' 44.07"W 2° 13' 34.38"W	LOT CORNERS: SET 1/ 129 N. M Benton, CONSULTING FAX (50)
Ler 28 15 22 15 15 .NS	Line T ngth D .34 S: .00 S: .38 N .00 S .00 N AS	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N	32° 51' 44.07"W 2° 13' 34.38"W 32° 51' 44.07"W	LOT CORNERS: SET 1/ 129 N. N Benton, CONSULTING FAX (50)
28 15 15 15 15 1 5 1 5 1 5 1 5 1 5 1	Line T ngth D .34 S. .00 S. .38 N .00 S .00 N AS	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5 32° 50' 57.	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N	32° 51' 44.07"W 2° 13' 34.38"W	LOT CORNERS: SET 1/ 129 N. N Benton, PH. (50) ENGINEERS - SURVEYORS WWW.ho
28 15 15 15 15 15 15 15	Line T ngth D. .34 S. .00 S. .38 N .00 S .00 N .00 N .00 N .00 N .00 N .00 N .00 N .00 N .00 N .00 S .00	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5 32° 50' 57.	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N	32° 51' 44.07"W 2° 13' 34.38"W 32° 51' 44.07"W GEND rking Sign	LOT CORNERS: SET 1/ 129 N. N Benton, PH. (50 FAX (50 WWW.ho FOR USE AND BENEFIT OF: FINLEY & COMPANY
28 15 22 15 15 15 15	Line T ngth D .34 S: .00 S: .38 N .00 S .00 N .00 N AS ED ONAL ER	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5 32° 50' 57.	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N <u>LEC</u> <u>P</u> - No Pa <u>- Stop S</u>	32° 51' 44.07"W 2° 13' 34.38"W 32° 51' 44.07"W GEND rking Sign	LOT CORNERS: SET 1/ 129 N. N Benton, PH. (50) ENGINEERS - SURVEYORS FOR USE AND BENEFIT OF: FINLEY & COMPANY PLANNED UNIT DEVELOPMENT
	Line T ngth D .34 S: .00 S: .38 N .00 S .00 N .00 N AS ED ONAL ER	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5 32° 50' 57.	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N ILEC \blacksquare No Pa \blacksquare - Stop S \blacksquare - Fire H	32° 51' 44.07"W 2° 13' 34.38"W 32° 51' 44.07"W GEND rking Sign ign light ydrant	LOT CORNERS: SET 1/ 129 N. N Benton, PH. (50 FAX (50 WWW.ho FOR USE AND BENEFIT OF: FINLEY & COMPANY
6 5 25 .25 	Line T h D S N S D NAL R	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5 N2° 50' 57.	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N LEO \swarrow - No Pa $-$ Stop S S \checkmark - Street \vdash - Fire H \triangle - Compton	32° 51' 44.07"W 2° 13' 34.38"W 32° 51' 44.07"W GEND rking Sign ign light ydrant	LOT CORNERS: SET 1/ 129 N. N Benton, PH. (50) FAX (56) WWW.ho FOR USE AND BENEFIT OF: FINLEY & COMPANY PLANNED UNIT DEVELOPMENT HILL VALLEY ESTATES A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUN
	Line T th D 4 S 10 S 18 N 10 S 18 N 10 S 18 N 10 S 10 N S CD NAL CR 10 S 10 N 10 S 10 S 1	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5 N2° 50' 57.	53"E 62"W 20"W 52"W 02"E	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N ILEO \blacksquare - No Pa \blacksquare - Stop S \blacksquare - Street FH - Fire H \triangle - Compto \blacksquare - Found	32° 51' 44.07"W 2° 13' 34.38"W 32° 51' 44.07"W GEND rking Sign ign light ydrant ated point monument &PPlas. Cap (SIP)	LOT CORNERS: SET 1/ 129 N. N Benton, PH. (50 FAX (50 WWW.ho FOR USE AND BENEFIT OF: FINLEY & COMPANY PLANNED UNIT DEVELOPMENT HILL VALLEY ESTATES

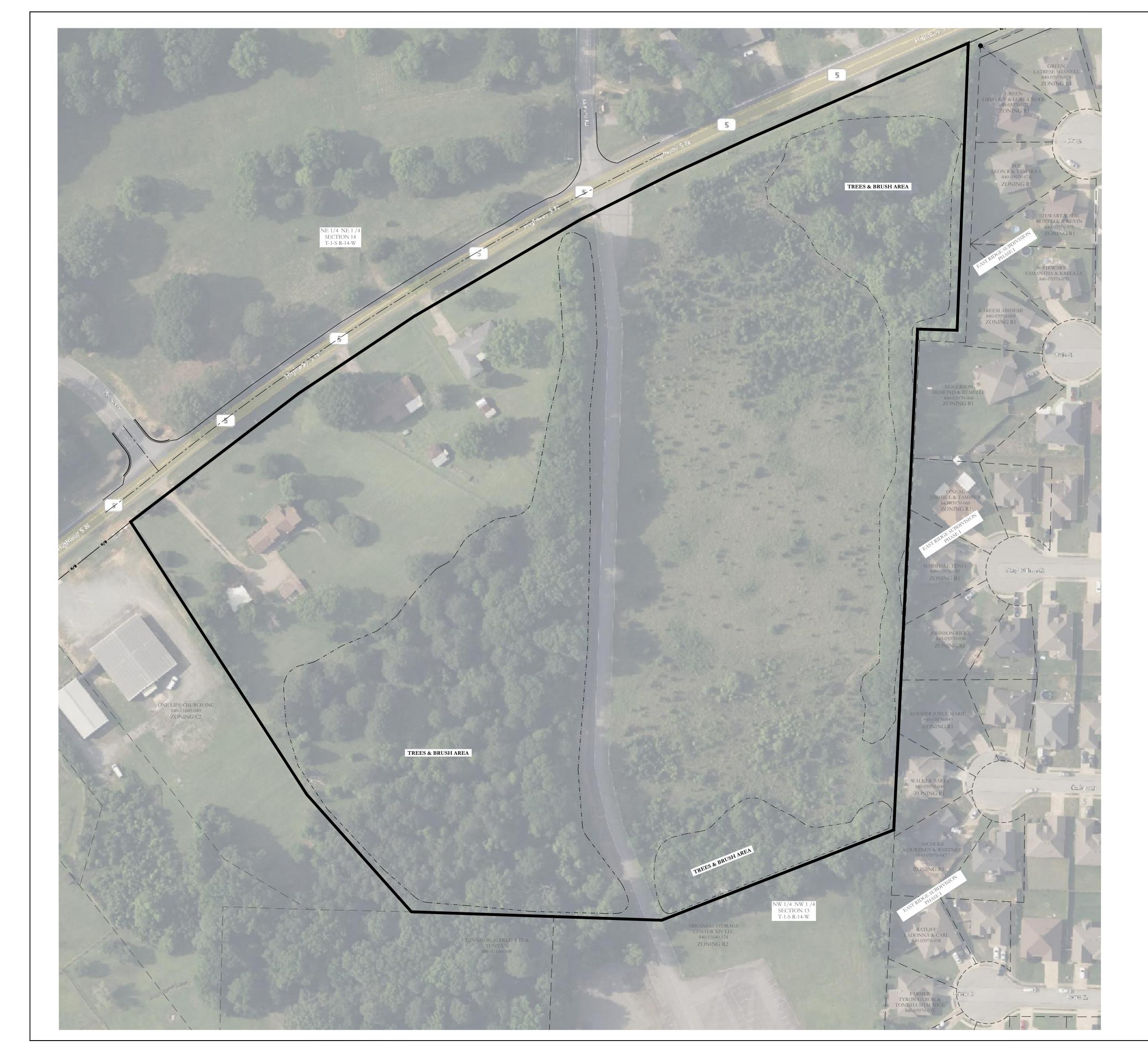
VICINIT	'Y MAP:		
PROJECT ENTRAL CR			
LOCATION	GATE CALEXANDER		
	N SHOBE		
T + T + SNOOKS LN T +	MEADOW CREEK DR		
	THE ELLOR OF LEXINGTON PARK CIR EARLIN MILLER LN		
	Densities up and the store of t		
AKE DR			
RAYMAR RD UU	WOLFCREEK OR		
GREENLEAF DR	TAR THE		
	and the second sec		
	ALEXANDER		
CERTIFICA			
Name: EDUENA COMPANY	DEVELOPER: Name: FINLEY & COMPANY		
Address: POPOV 10	Name: FINLEY & COMPANY Address: P.O BOX 10		
BRYANT, AR 72089	BRYANT, AR 72089		
CERTIFICATE OF OWNER:			
We, the undersigned, owners of the real estate shown a laid off, platted and subdivided, and do hereby lay off, p			
with the within plat. Source of Title:			
Date of Execution Name:			
CERTIFICATE OF PRELIMINARY SURVI I, Corbitt R. Shoffner, hereby certify that this proposed			
completed by me, or under my supervision on	, 2023; that the boundary lines shown ed in the above Source Title; and that all		
monuments which were found or placed on the propert	y are correctly described and located		
Signed:			
R	onathan L. Hope Legistered Professional and Surveyor No. 1762 Arkansas		
1.	and Surveyor two. 1702 Mikansas		
CERTIFICATE OF PRELIMINARY ENGI	NEERING ACCURACY:		
I, Kazi Tamzidul Islam, hereby certify that this plat corr or under my supervision; that all monuments shown he	reon actually exist and their location, size, type		
and material are correctly shown; and that all requireme Regulations have been fully complied with.	hts of the City of Bryant Subdivision Rules and		
Reg	zi Tamzidual Islam zistered Professional gineer, No. 20876 Arkansas		
CERTIFICATE OF PRELIMINARY PLAT All requirements of the City of Bryant Subdivision Rule			
submittal of a Preliminary Plat having been fulfilled, app further provisions of said Rules and Regulations.			
Signed:			
Date of Execution R	ick Johnson, Chairman ryant Planning Commission		
PROPERTY SP	ECIFICATIONS:		
OWNER: FINLEY & COMPANY P.O BOX 10 BRYANT, AR 72089	NUMBER OF LOTS: 75 PROPOSED ZONING: PUD PROPOSED DENSITY 5.80 HOMES PER ACRE		
DEVELOPER/: FINLEY & COMPANY SUBDIVIDER P.O BOX 10	SOURCE OF WATER: CITY OF BRYANT SOURCE OF SEWER: CITY OF BRYANT SOURCE OF SEWER: CITY OF BRYANT SOURCE OF ELECTRIC: FIRST ELECTRIC COOP		
BRYANT, AR 72089 ENGINEERS: HOPE CONSULTING INC. 129 N MAIN STREET	SOURCE OF GAS: CENTERPOINT ENERGY		
129 N. MAIN STREET BENTON, AR 72015 NAME OF SUBDIVISION: HILL VALLEY ESTATES	BUILDING SETBACKS: FRONT-20' OR AS SHOWN REAR-10' OR AS SHOWN		
PROPOSED HOUSE EXTERIOR: BRICK, VINYL, GLASS & WOOD	SIDE-5' OR AS SHOWN UTILITY & DRAINAGE EASEMENTS:		
	FRONT-10' OR AS SHOWN REAR - 5' OR AS SHOWN SIDE - 5' OR AS SHOWN		
	STREET RIGHT OF WAYS: 50' OR AS SHOWN STREET WIDTH: 26' BOC TO BOC		
	LOT CORNERS: SET 1/2" REBAR WITH CAP		
HOPE	129 N. Main Street, Ronton, Arkanson 72015		
	Benton, Arkansas 72015 PH. (501)315-2626		
CONSULTING Engineers - Surveyors	FAX (501) 315-0024 www.hopeconsulting.com		
FOR USE AND B	BENEFIT OF:		
FINLEY & C	OMPANY		
PLANNED UNIT DEV	ELOPMENT (PUD)		
A SUBDIVISION IN THE CITY OF BRYA	Y ESTATES		
A SUDJAYISION IN THE CITY OF BKYA	ATT, MILLINE COUNT I, ARRAINDAD.		
DATE: 06/06/2024 C.A.D. BY: B.J REVISED: CHECKED BY:			
SHEET:SCALE:1" = 60	24-0427		
500 01S 14W 0 1	PH. (501)315-2626 FAX (501) 315-0024 www.hopeconsulting.com BENEFIT OF: OMPANY ELOPMENT (PUD) X ESTATES INT, SALINE COUNTY, ARKANSAS. OHNSON DRAWING NUMBER: 24-0427 4 110 62 1762		

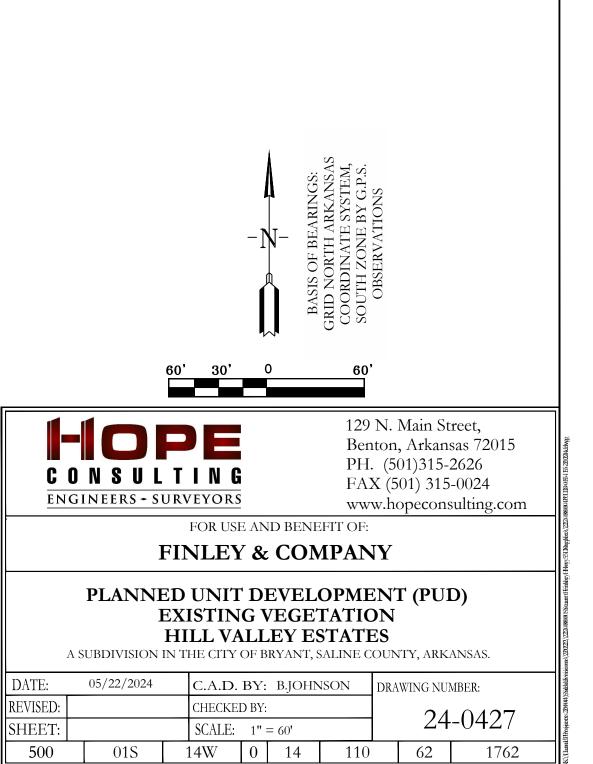




urve # C1	Longit	D 1'	Curve 7		Chord Length	VICINITY MAP:
01	Length 35.53	Radius 25.00	Delta 81.43	Chord Direction N24° 29' 11"E	32.62	PROJECT NTRAL CR
22	34.30	175.00	11.23	N10° 37' 00"W	34.24	LOCATION
23	23.98	175.00	7.85	N1° 04' 36"W	23.96	
24	30.79	250.00	7.06	N6° 22' 39"E	30.77	
	56.73	250.00	13.00	N16° 24' 23"E	56.60	
_	134.89 56.22	250.00 250.00	30.92 12.89	N38° 21' 52"E N60° 15' 53"E	133.26 56.10	t t shocks LN t
8	8.88	250.00	2.04	N67° 43' 30"E	8.88	
)	15.96	250.00	3.66	N70° 34' 18"E	15.96	NONTHE ELLOR WOODSTOKED OR LEXINGTON PARK CIR WOODSTOKED OR HANDVER
	56.73	250.00	13.00	N78° 54' 03"E	56.60	g tweetness on STONE/Pive
_	28.49	250.00	6.53	N88° 39' 58"E	28.48	
2	23.82	310.00	4.40	S85° 52' 04"E	23.81	PADEFOREEX OR
,	60.09 60.09	310.00 310.00	11.11	S78° 06' 47"E S67° 00' 22"E	60.00 60.00	TROPF LN
4 5	60.09	310.00	11.11	S55° 53' 57"E	60.00	
6	60.09	310.00	11.11	S44° 47' 32"E	60.00	
7	34.50	310.00	6.38	S36° 03' 02"E	34.48	CERTIFICATIONS:
8	41.69	25.00	95.54	S80° 37' 51"E	37.02	
9	36.85	25.00	84.46	S9° 22' 09"W	33.61	OWNER: DEVELOPER: Name: EINHEV & COMPANY
0 :1	39.35 85.63	25.00 450.00	90.17 10.90	S77° 56' 58"E N62° 24' 54"E	35.41 378.86	Address: DO POX 10
2	57.73	450.00	7.35	N71° 32' 31"E	373.57	BRYANT, AR 72089 Address: BRYANT
3	57.34	450.00	7.30	N78° 52' 03"E	57.30	
4	57.80	450.00	7.36	N86° 11' 51"E	57.76	CERTIFICATE OF OWNER:
;	21.64	450.00	2.75	S88° 44' 45"E	21.63	We, the undersigned, owners of the real estate shown and described herein do laid off, platted and subdivided, and do hereby lay off, plat and subdivide said with the within plat.
	39.18	25.00	89.78	N47° 44' 25"E	35.29	Source of Title:
+	22.50	125.00	10.32	N2° 18' 31"W	22.47	Date of Execution Name:
	46.83	25.00 25.00	107.33 90.22	N61° 07' 52"W N42° 15' 35"W	40.28	Date of Excettion IName:
9	59.36	285.00	10.35	S87° 27' 27"W	51.41	CERTIFICATE OF PRELIMINARY SURVEYING ACCURA
1	10.18	200.00	2.92	N4° 18' 25"E	10.18	I, Corbitt R. Shoffner, hereby certify that this proposed preliminary plat correct completed by me, or under my supervision on, 2023; that
2	61.57	200.00	17.64	N14° 35' 04"E	61.33	hereon correspond with the description in the deeds cited in the above Source monuments which were found or placed on the property are correctly described
3	158.26	200.00	45.34	N46° 04' 24"E	154.16	
4	48.27	200.00	13.83	N75° 39' 22"E	48.15	Signed:
5 6	43.76	25.00 175.00	100.28 8.52	S47° 17' 27"E S1° 24' 47"E	38.38 26.01	Date of Execution Bate of Execution Date of Execution Date of Execution Date of Execution Date of Execution
5 7	26.04 56.60	175.00 175.00	8.52 18.53	S1° 24' 47"E S14° 56' 29"E	26.01 56.36	Land Surveyor No. 1762
8	26.43	175.00	8.65	S28° 32' 05"E	26.41	CERTIFICATE OF PRELIMINARY ENGINEERING ACCU
	39.29	25.00	90.05	S12° 09' 53"W	35.37	I, Kazi Tamzidul Islam, hereby certify that this plat correctly represents a surve
)	42.58	400.00	6.10	S60° 14' 28"W	42.56	or under my supervision; that all monuments shown hereon actually exist and and material are correctly shown; and that all requirements of the City of Bryan Bomulations have been fully complied with
1	62.28	400.00	8.92	S67° 45' 04"W	62.22	Regulations have been fully complied with.
+	62.35	400.00	8.93	S76° 40' 37"W	62.28	
+	62.53 17.68	400.00	8.96 2.53	S85° 37' 14"W N88° 38' 05"W	62.47 17.68	
	17.68	400.00 300.00	2.53	N88° 38' 05"W S88° 38' 05"E	17.68	Date of Execution Kazi Tamzidual Islam Registered Professional
	46.07	300.00	8.80	N85° 41' 57"E	46.03	Engineer, No. 20876 Arka
	46.80	300.00	8.94	N76° 49' 49"E	46.75	
	47.49	300.00	9.07	N67° 49' 33"E	47.44	CERTIFICATE OF PRELIMINARY PLAT APPROVAL:
)	33.13	300.00	6.33	N60° 07' 37"E	33.11	All requirements of the City of Bryant Subdivision Rules and Regulations relat
) 1	39.35 26.69	25.00 125.00	90.17 12.23	S77° 56' 58"E S26° 44' 42"E	35.41 26.64	submittal of a Preliminary Plat having been fulfilled, approval of this plat is he further provisions of said Rules and Regulations.
_	26.69 38.87	125.00 25.00	12.23 89.08	S26° 44' 42"E S47° 23' 24"W	26.64 35.07	
2 3	22.16	260.00	4.88	N85° 37' 37"W	22.16	
4	85.52	260.00	18.85	N73° 45' 44"W	85.14	Date of Execution Signed: Rick Johnson, Chairman
4	51.22	125.00	23.48	S8° 53' 22"E	50.86	Bryant Planning Commi
5	78.73	260.00	17.35	N55° 39' 52"W	78.43	
6 7	64.11	260.00	14.13	N39° 55' 33"W	63.95	
	39.19 39.45	25.00 160.00	89.83 14.13	S12° 03' 02"W N39° 55' 33"W	35.30 39.35	
8 9	39.45 48.45	160.00	14.13	N39° 55' 33"W N55° 39' 52"W	48.26	
0	35.98	160.00	12.88	N74° 15' 20"W	35.91	
51	20.58	160.00	7.37	N84° 23' 01"W	20.57	PROPERTY SPECIFICATIONS:
2	274.61	285.00	55.21	N60° 27' 56"W	264.11	OWNER: FINLEY & COMPANY NUMBER OF LOTS: 75 PROPOSED ZONING:
4	264.58	425.00	35.67	S74° 47' 51"W	260.32	BRYANT, AR 72089 BRYANT, AR 72089 SOURCE OF WATER O
-+	66.36 56.56	150.00	25.35	S9° 49' 32"E	65.82	DEVELOPER/: FINLEY & COMPANY SOURCE OF SEWER: O SUBDIVIDER P.O BOX 10 SOURCE OF ELECTRIC BRYANT, AR 72089 SOURCE OF GAS: CEN
	56.56	145.00 225.00	22.35 65.89	N76° 53' 39"W S35° 47' 45"W	56.20 244.74	ENGINEERS: HOPE CONSULTING INC. 129 N. MAIN STREET BUILDING SETBACKS
	258 76	00		555 17 TJ W		BENTON, AR 72015 FRONT-20' OR AS SHO NAME OF SUBDIVISION: HILL VALLEY ESTATES REAR-10' OR AS SHOWN SIDE-5' OR AS SHOWN SIDE-5' OR AS SHOWN
5 6 7	258.76			Line T	able	PROPOSED HOUSE EXTERIOR: BRICK, VINYL, GLASS & WOOD UTILITY & DRAINAGE
5	Line T	able		L# Length D	rection	FROFOSED HOUSE EATERIOR. BRICK, VINTE, GLASS & WOOD FRONT-10' OR AS SHO REAR - 5' OR AS SHOW SIDE - 5' OR AS SHOW
6 7 Ler	Line T ngth D	irection				SIDE - 5' OR AS SHOW STREET RIGHT OF WA
Ler 28	Line T ngth D .34 S.	irection 22° 29' 59.	53"E	L6 48.35 N	56° 57' 47.62"E	
Let 28	Line T ngth D. .34 S. .00 S.	irection 22° 29' 59. 56° 57' 47.	53"E 62"W	L6 48.35 N L7 21.58 N	32° 51' 44.07''W	STREET WIDTH: 26' BC LOT CORNERS: SET 1/
Ler 288 15 222	Line T ngth D .34 S: .00 SS .38 N	irection 22° 29' 59. 56° 57' 47. 88° 04' 08.	53"E 62"W 20"W	L6 48.35 N L7 21.58 N L8 26.44 S	32° 51' 44.07"W 2° 13' 34.38"W	LOT CORNERS: SET 1/
28 15 22 15	Line T ngth D .34 S: .00 S! .38 N .00 S	irection 22° 29' 59. 56° 57' 47.	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S	32° 51' 44.07''W	LOT CORNERS: SET 1/
Ler 28 15 22 15 15	Line T ngth D. .34 S. .00 S5 .38 N .00 S .00 N	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S	32° 51' 44.07"W 2° 13' 34.38"W	129 N. N Benton, PH. (50
Ler 28 15 222 15 15	Line T ngth D .34 S: .00 SS .38 N .00 S .00 N	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S	32° 51' 44.07"W 2° 13' 34.38"W	LOT CORNERS: SET 1/ 129 N. M Benton, CONSULTING FAX (50)
Ler 28 15 22 15 15 .NS	Line T ngth D .34 S: .00 S: .38 N .00 S .00 N AS	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N	32° 51' 44.07"W 2° 13' 34.38"W 32° 51' 44.07"W	LOT CORNERS: SET 1/ 129 N. N Benton, CONSULTING FAX (50)
28 15 15 15 15 1 5 1 5 1 5 1 5 1 5 1	Line T ngth D .34 S. .00 S. .38 N .00 S .00 N AS	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5 32° 50' 57.	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N	32° 51' 44.07"W 2° 13' 34.38"W	LOT CORNERS: SET 1/ 129 N. N Benton, PH. (50) ENGINEERS - SURVEYORS WWW.ho
28 15 15 15 15 15 15 15	Line T ngth D. .34 S. .00 S. .38 N .00 S .00 N .00 N .00 N .00 N .00 N .00 N .00 N .00 N .00 N .00 S .00	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5 32° 50' 57.	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N	32° 51' 44.07"W 2° 13' 34.38"W 32° 51' 44.07"W GEND rking Sign	LOT CORNERS: SET 1/ 129 N. N Benton, PH. (50 FAX (50 WWW.ho FOR USE AND BENEFIT OF: FINLEY & COMPANY
28 15 22 15 15 15 15	Line T ngth D .34 S: .00 S: .38 N .00 S .00 N .00 N AS ED ONAL ER	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5 32° 50' 57.	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N <u>LEC</u> <u>P</u> - No Pa <u>- Stop S</u>	32° 51' 44.07"W 2° 13' 34.38"W 32° 51' 44.07"W GEND rking Sign	LOT CORNERS: SET 1/ 129 N. N Benton, PH. (50) ENGINEERS - SURVEYORS FOR USE AND BENEFIT OF: FINLEY & COMPANY PLANNED UNIT DEVELOPMENT
	Line T ngth D .34 S: .00 S: .38 N .00 S .00 N .00 N AS ED ONAL ER	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5 32° 50' 57.	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N ILEC \blacksquare No Pa \blacksquare - Stop S \blacksquare - Fire H	32° 51' 44.07"W 2° 13' 34.38"W 32° 51' 44.07"W GEND rking Sign ign light ydrant	LOT CORNERS: SET 1/ 129 N. N Benton, PH. (50 FAX (50 WWW.ho FOR USE AND BENEFIT OF: FINLEY & COMPANY
6 5 25 .25 	Line T h D S N S D NAL R	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5 N2° 50' 57.	53"E 62"W 20"W 52"W	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N LEO P - No Pa $-$ Stop S \sim - Street FH - Fire H \triangle - Comption	32° 51' 44.07"W 2° 13' 34.38"W 32° 51' 44.07"W GEND rking Sign ign light ydrant	LOT CORNERS: SET 1/ 129 N. N Benton, PH. (50) FAX (56) WWW.ho FOR USE AND BENEFIT OF: FINLEY & COMPANY PLANNED UNIT DEVELOPMENT HILL VALLEY ESTATES A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUN
	Line T th D 4 S 10 S 18 N 10 S 18 N 10 S 18 N 10 S 10 N S CD NAL CR 10 S 10 N 10 S 10 S 1	irection 22° 29' 59. 56° 57' 47. 88° 04' 08. 2° 50' 56.5 N2° 50' 57.	53"E 62"W 20"W 52"W 02"E	L6 48.35 N L7 21.58 N L8 26.44 S L9 19.37 N ILEO \blacksquare - No Pa \blacksquare - Stop S \blacksquare - Street FH - Fire H \triangle - Compto \blacksquare - Found	32° 51' 44.07"W 2° 13' 34.38"W 32° 51' 44.07"W GEND rking Sign ign light ydrant ated point monument &PPlas. Cap (SIP)	LOT CORNERS: SET 1/ 129 N. N Benton, PH. (50 FAX (50 WWW.ho FOR USE AND BENEFIT OF: FINLEY & COMPANY PLANNED UNIT DEVELOPMENT HILL VALLEY ESTATES

VICINIT	'Y MAP:		
PROJECT ENTRAL CR			
LOCATION	GATE CALEXANDER		
	N SHOBE		
T + T + SNOOKS LN T +	MEADOW CREEK DR		
	THE ELLOR OF LEXINGTON PARK CIR EARLIN MILLER LN		
	Densities up and the store of t		
AKE DR			
RAYMAR RD UU	WOLFCREEK OR		
GREENLEAF DR	TAR THE		
	and the second sec		
	ALEXANDER		
CERTIFICA			
Name: EDUENA COMPANY	DEVELOPER: Name: FINLEY & COMPANY		
Address: POPOV 10	Name: FINLEY & COMPANY Address: P.O BOX 10		
BRYANT, AR 72089	BRYANT, AR 72089		
CERTIFICATE OF OWNER:			
We, the undersigned, owners of the real estate shown a laid off, platted and subdivided, and do hereby lay off, p			
with the within plat. Source of Title:			
Date of Execution Name:			
CERTIFICATE OF PRELIMINARY SURVI I, Corbitt R. Shoffner, hereby certify that this proposed			
completed by me, or under my supervision on	, 2023; that the boundary lines shown ed in the above Source Title; and that all		
monuments which were found or placed on the propert	y are correctly described and located		
Signed:			
R	onathan L. Hope Legistered Professional and Surveyor No. 1762 Arkansas		
1.	and Surveyor two. 1702 Mikansas		
CERTIFICATE OF PRELIMINARY ENGI	NEERING ACCURACY:		
I, Kazi Tamzidul Islam, hereby certify that this plat corr or under my supervision; that all monuments shown he	reon actually exist and their location, size, type		
and material are correctly shown; and that all requireme Regulations have been fully complied with.	hts of the City of Bryant Subdivision Rules and		
Reg	zi Tamzidual Islam zistered Professional gineer, No. 20876 Arkansas		
CERTIFICATE OF PRELIMINARY PLAT All requirements of the City of Bryant Subdivision Rule			
submittal of a Preliminary Plat having been fulfilled, app further provisions of said Rules and Regulations.			
Signed:			
Date of Execution R	ick Johnson, Chairman ryant Planning Commission		
PROPERTY SP	ECIFICATIONS:		
OWNER: FINLEY & COMPANY P.O BOX 10 BRYANT, AR 72089	NUMBER OF LOTS: 75 PROPOSED ZONING: PUD PROPOSED DENSITY 5.80 HOMES PER ACRE		
DEVELOPER/: FINLEY & COMPANY SUBDIVIDER P.O BOX 10	SOURCE OF WATER: CITY OF BRYANT SOURCE OF SEWER: CITY OF BRYANT SOURCE OF SEWER: CITY OF BRYANT SOURCE OF ELECTRIC: FIRST ELECTRIC COOP		
BRYANT, AR 72089 ENGINEERS: HOPE CONSULTING INC. 129 N MAIN STREET	SOURCE OF GAS: CENTERPOINT ENERGY		
129 N. MAIN STREET BENTON, AR 72015 NAME OF SUBDIVISION: HILL VALLEY ESTATES	BUILDING SETBACKS: FRONT-20' OR AS SHOWN REAR-10' OR AS SHOWN		
PROPOSED HOUSE EXTERIOR: BRICK, VINYL, GLASS & WOOD	SIDE-5' OR AS SHOWN UTILITY & DRAINAGE EASEMENTS:		
	FRONT-10' OR AS SHOWN REAR - 5' OR AS SHOWN SIDE - 5' OR AS SHOWN		
	STREET RIGHT OF WAYS: 50' OR AS SHOWN STREET WIDTH: 26' BOC TO BOC		
	LOT CORNERS: SET 1/2" REBAR WITH CAP		
HOPE	129 N. Main Street, Ronton, Arkanson 72015		
	Benton, Arkansas 72015 PH. (501)315-2626		
CONSULTING Engineers - Surveyors	FAX (501) 315-0024 www.hopeconsulting.com		
FOR USE AND B	BENEFIT OF:		
FINLEY & C	OMPANY		
PLANNED UNIT DEV	ELOPMENT (PUD)		
A SUBDIVISION IN THE CITY OF BRYA	Y ESTATES		
A SUDJAYISION IN THE CITY OF BKYA	ATT, MILLINE COUNT I, ARRAINDAD.		
DATE: 06/06/2024 C.A.D. BY: B.J REVISED: CHECKED BY:			
SHEET:SCALE:1" = 60	24-0427		
500 01S 14W 0 1	PH. (501)315-2626 FAX (501) 315-0024 www.hopeconsulting.com BENEFIT OF: OMPANY ELOPMENT (PUD) X ESTATES INT, SALINE COUNTY, ARKANSAS. OHNSON DRAWING NUMBER: 24-0427 4 110 62 1762		

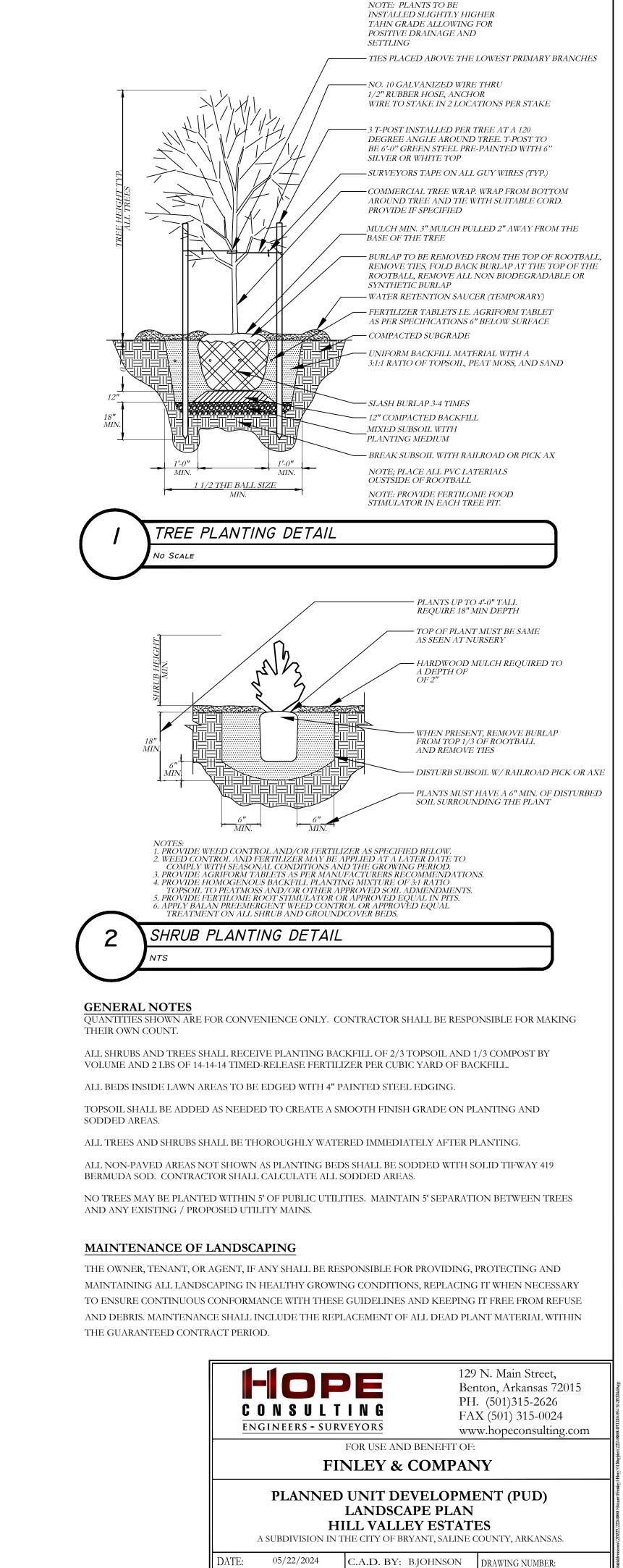




TREE TYPES	TREE SPECIES	QUANTITIES	HEIGHT AT MATURITY	CALIPER
SHRUBS	DWARF YAUPON HOLLY	55	3'-5'	Wide 3'-6'
EVERGREEN TREE	TAYLOR JUNIPER	85	15'	>2"

LANDSCAPE LEGEND							
	<u>COMMON NAME</u> :	BOTANICAL NAME :	HEIGHT AT MATURITY:	<u>QTY.</u> :			
S)	<u>SHURBS</u> COMPACTA HOLLY - 6' O.C 5 GAL.	GLOSSY ABELIA/ ABELIA X GRANDIFLORA	6'-0"	REFER TO PLAN			
	EVERGREEN TREES	CHOOSE FROM LIST OF SPECIES INCLUDED IN THE CITY OF BRYANT LANDSCAPING CODE		-			
	SOD (INCLUDES MULCH BEDS)	BERMUDA					





REVISED:

SHEET:

500

01S

CHECKED BY:

SCALE: 1'' = 60'

14W 0 14 110

GREI

LATRESE S

840-0397 ZONIN

STEWAR

ZONE

STEWA

840-03970

RONELLE 840-039

SAMANTHA &

24-0427



RE-SET CORNER

SHOWN ON SURVEY

N52°34'41"E 14.32

BY FOSTER, PS 1467.

FND. 1/2" REBÁR

(PS 1467

AT LOCATION

A PART OF THE SOUTHWEST QUARTER (SW1/4) OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 12; A PART OF THE NORTHWEST QUARTER (NW1/4) OF THE NORTHWEST QUARTER (NW1/4) AND THE SOUTHWEST QUARTER (SW1/4) OF THE NORTHWEST QUARTER (NW1/4) OF SECTION 13; AND A PART OF THE NORTHEAST QUARTER (NE1/4) OF THE NORTHEAST QUARTER (NE1/4) OF SECTION 14; ALL IN TOWNSHIP 1 SOUTH, RANGE 14 WEST, SALINE COUNTY, ARKANSAS; MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT A 5/8" REBAR ACCEPTED AS THE SOUTHWEST CORNER OF SAID SW1/4, NW1/4, SECTION 13; CORNER OF SAID SW1/4, NW1/4 OF SECTION 13; THE POINT OF BEGINNING, A 1/2" REBAR AND CAP (PS 1664);

RIGHT-OF-WAY OF ARKANSAS HIGHWAY 5; 14.32 FEET, TO A 1/2" REBAR AND CAP (PS 1664):

CORNER OF LANDS DESCRIBED IN WARRANTY DED DATED MARCH 30, 1963 AND FILED IN SALINE COUNTY DEED RECORD BOOK 112 AT PAGE 404; THENCE LEAVING SAID SOUTHERLY RIGHT-OF-WAY OF HIGHWAY 5 ALONG THE EAST LINE OF SAID LANDS DESCRIBED IN

SOUTHEAST CORNER OF SAID LANDS DESCRIBED IN SAID WARRANTY DEED; DESCRIBED IN WARRANTY DEED DATED SEPTEMBER 21, 1951 AND FILED IN SALINE COUNTY DEED RECORD BOOK 64 AT ന്പര്ഷം അന്ദ്രമസികന്റിക്കായിക്കായിക്കായില്ലായി

145.03 FEET TO A THE POINT OF BEGINNING; CONTAINING 18.82 ACRES (819,895 SQUARE FEET), MORE OR LESS. NOTE:

TRACTS 1, 2, 3 AND 4 WILL BE UTILIZED FOR DRAINAGE AND UTILITIES PURPOSES AND WILL MAINTAINED BY THE PROPERTY OWNERS ASSOCIATION (POA) OR IMPROVEMENT DISTRICT.



27

6400 Sa. F

0.15 ACRES

ONE LIFE CHURCH INC

ZONING C2

840-11660-040

OPEN SPACE CALCULATION

RESIDENTIAL DENSITY CALCULATIONS

0.79 ACRES

0.55 ACRES

0.74 ACRES

1.20 ACRES

0.72 ACRES

0.87 ACRES TOTAL 4.87 ACRES OR 25.88%

75 LOTS

18.82 ACRES

3.81 ACRES

150/25.88 = 5.80 DU

CITY OF BRYANT TYPICAL STREET CROSS SECTION

50' R.O.W

1.5" ACHM SURFACE COURSE

1 5" ACHM SURFACE COURSE

7" OF CLASS 7 AGGREGATE BASE COURSE

COMPACTED TO 98% MODIFIED PROCTOR SUBGRADE COMPACTED TO 95% MODIFIED PROCTOR

6" CROWN-

TO A DEPTH OF 18"

- UNDERCUT 2' DEPTH WHERE DIRECTED

75 LOTS x 2 = 150 UNITS

TRACT 1 DRY DETENTION AREA

TRACT 2 DRY DETENTION AREA

TRACT 4 COMMUNITY AREA

SIDEWALK

GREEN SPACE BETWEEN

BOC & SIDEWALK

TRACT 3 GREEN SPACE

NUMBER OF LOTS

HOUSING UNITS

TOTAL DEVELOPABLE AREA

RESIDENTIAL DENSITY

OTAL COMMON USABLE OPEN SPACE

SIDEWALK -

0.14 ACRE

25

0.14 ACRE

23

0.14 ACRES

22

5000 Sq. F

21

0.15 ACRES 6575 Sq. Ft.

FND. 1/2" REBAR

N88°43'01"W 138.08

20

0.16 ACRES

7034 Sq. Ft

19

0.18 ACRES 8039 Sq. Ft.

0.14 ACRES

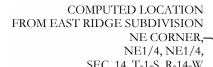
6000 Sq. F

FND. 1/2" REBAR

(PS 1467)

_____SIDEWALK

0.14 ACRES 6000 Sq. I



SEC. 14, T-1-S, R-14-W

EAST LINE, NE1/4, NE1/4

NY NO.

35

INT. OF EAST LINE, NE1/4, NE1/4, AND SOUTH R/W OF ARK. HWY. 5-SET 1/2" REBAR (PS 1664)

34

0.14 ACRES

74

0.14 ACRES

000 Sq. Ft

ARKANSAS STIN

33

0.14 ACRES

32 0.15 ACRES

72

6000 Sq. Ft

0.14 ACRES

31

30

0.15 ACRES

0.14 ACRES

0.14 ACRE

29

28

15 ACRES

30 Sa. F

.15 ACRES 345 Sq. Ft.

0.15 ACRES

71

0.14 ACRES

5000 Sq. Ft





73

0.14 ACRES 6000 Sq. Ft.



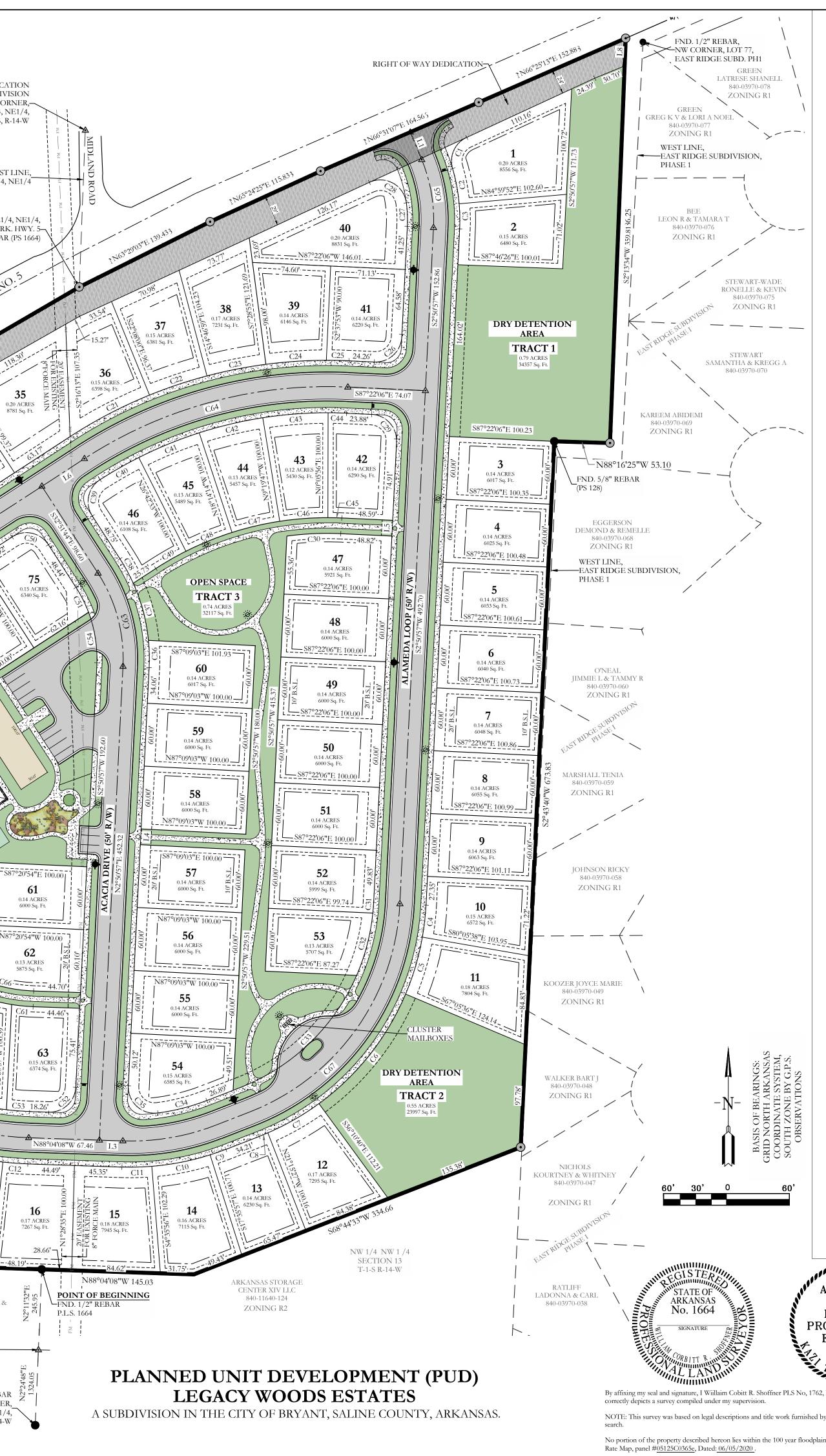
65 0.15 ACRE 64 0.15 ACRES 6560 Sq. Ft.

18 0.21 ACRES 9157 Sq. Ft. 17 0.17 ACRES 7538 Sq. Ft. 0.17 ACRES 7267 Sq. Ft.

N88°04'08''W 191.43 FND. 1/2" REBAR (PS 1467) TENNISON ALFRED A III & TONYA N 840-11660-500 COMPUTED LOCATION

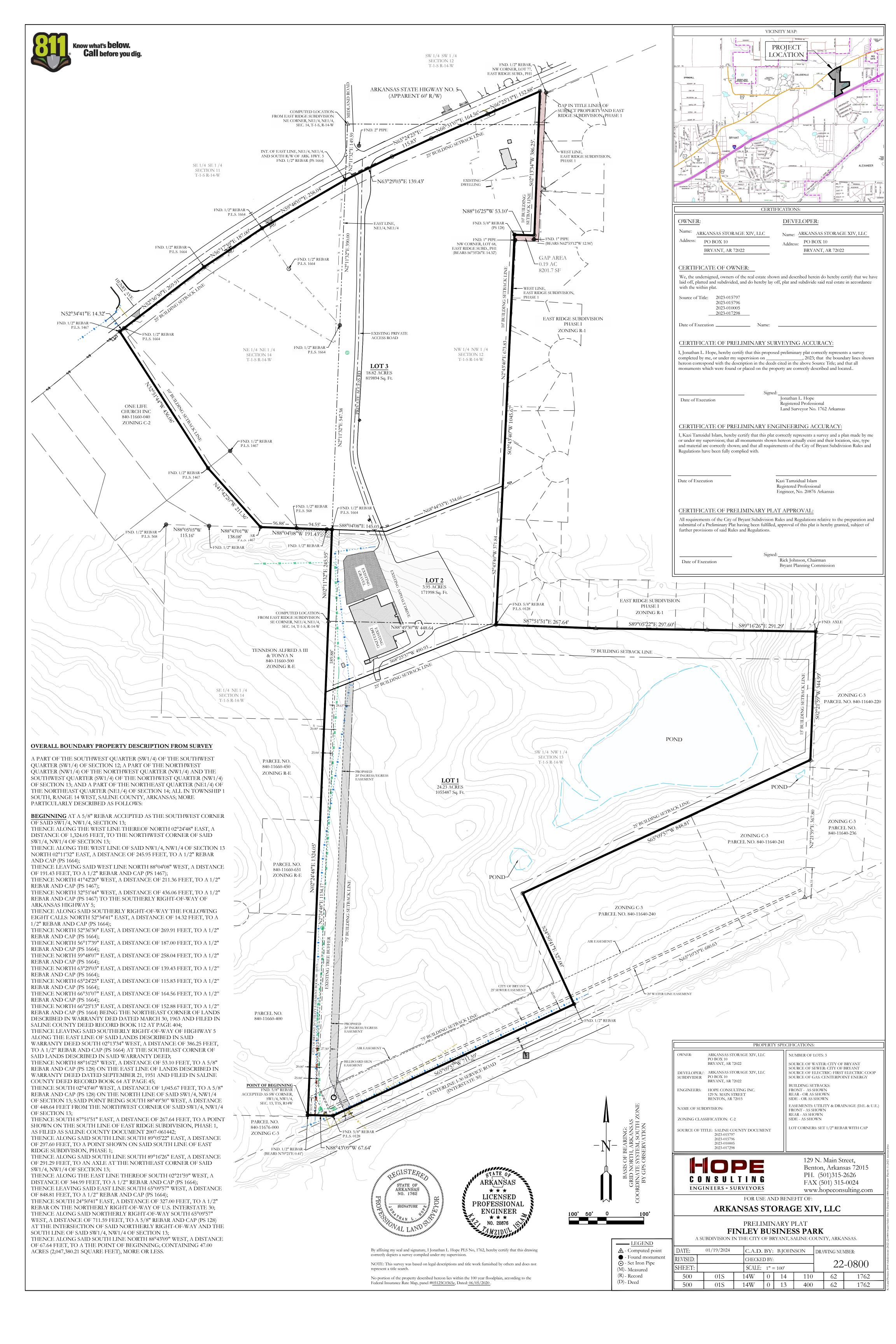
FROM EAST RIDGE SUBDIVISION NW CORNER, SW/4, NW1/4, SEC. 13, T-1-S, R-14-W

5/8" REBAR ACCEPTED AS SW CORNER, SW1/4, NW1/4, SEC. 13, T-1-S, R-14-W



Curve #	Length	Radius	Curve Delta		ord Directi	on Chord Lengt	
Curve #	35.53	25.00	81.43	+	24° 29' 11"H		
C2	34.30	175.00	11.23	+	0° 37' 00"V		
C3	23.98	175.00	7.85	_	° 04' 36"W		
C4 C5	30.79 56.73	250.00 250.00	7.06 13.00	_	5° 22' 39"E 6° 24' 23"I	30.77 E 56.60	WECREST ORIAL PARK CEM
C6	134.89	-	30.92		38° 21' 52"H		
C7	56.22	250.00	12.89	_	50° 15' 53"H		
C8 C9	8.88 15.96	250.00 250.00	2.04 3.66		57° 43' 30"E 70° 34' 18"E		
C10	56.73	250.00	13.00		78° 54' 03"H		
C11	28.49	250.00	6.53	_	38° 39' 58"H		
C12 C13	23.82 60.09	310.00	4.40	_	5° 52' 04"E 8° 06' 47"E		TROPF LN
C14	60.09	310.00	11.11	-	7° 00' 22"E		
C15	60.09	310.00	11.11	S5.	5° 53' 57"E	60.00	LAN SIGNINGS DE
C16 C17	60.09 34.50	310.00	11.11 6.38	_	4° 47' 32"E 6° 03' 02"E		
C18	41.69	25.00	95.54	+	0° 37' 51"E		
C19	36.85	25.00	84.46	S9	° 22' 09"W	33.61	<u>OWNER</u> :
C20 C21	39.35 85.63	25.00 450.00	90.17 10.90	+	7° 56' 58"E 52° 24' 54"H		Address: D
C21	57.73	450.00	7.35		71° 32' 31"H		BF
C23	57.34	450.00	7.30	N7	78° 52' 03"H	57.30	
C24	57.80	450.00	7.36	_	86° 11' 51"F		CERTIFICA We, the unders
C25 C26	21.64 39.18	450.00 25.00	2.75 89.78	_	8° 44' 45"E 47° 44' 25"H		laid off, platted with the within
C27	22.50	125.00	10.32	_	2° 18' 31"W		Source of Title
C28	46.83	25.00	107.33		51° 07' 52"\		Date of Execut
C29 C30	39.36 51.48	25.00 285.00	90.22 10.35	+	42° 15' 35"\ 7° 27' 27"W		CERTIFICA
C30	10.18	200.00	2.92		+° 18' 25"E	10.18	I, Corbitt R. Sho completed by m
C32	61.57	200.00	17.64		4° 35' 04"I		 completed by m hereon correspondence monuments wh
C33 C34	158.26 48.27	200.00	45.34 13.83	_	46° 04' 24"H 75° 39' 22"H		
C35	43.76	25.00	100.28		7° 17' 27"Е		
C36	26.04	175.00	8.52	S1	° 24' 47"E	26.01	Date of Execu
C37 C38	56.60 26.43	175.00 175.00	18.53 8.65		4° 56' 29"E 8° 32' 05"E		
C39	39.29	25.00	90.05	_	2° 09' 53"W		<u>CERTIFICA</u> I, Kazi Tamzidu
C40	42.58	400.00	6.10	S6	0° 14' 28"W	42.56	or under my sug
C41	62.28	400.00	8.92	_	7° 45' 04"W		Regulations hav
C42 C43	62.35 62.53	400.00	8.93 8.96		6° 40' 37"W 5° 37' 14"W		-
C44	17.68	400.00	2.53	-	38° 38' 05"V		Date of Executi
C45	13.26	300.00	2.53		8° 38' 05"E		
C46 C47	46.07 46.80	300.00	8.80 8.94		35° 41' 57"E 76° 49' 49"E		-
C48	47.49	300.00	9.07	-	57° 49' 33"I		
C49	33.13	300.00	6.33	_	50° 07' 37"H		
C50 C51	39.35 26.69	25.00 125.00	90.17 12.23	+	7° 56' 58"E 6° 44' 42"E		All requirement submittal of a F further provisio
C52	38.87	25.00	89.08		7° 23' 24"W		
C53	22.16	260.00	4.88	N8	35° 37' 37"\	W 22.16	
C54 C54	85.52 51.22	260.00	18.85 23.48	_	73° 45' 44"\ 	V 85.14 50.86	Date of Execu
C55	78.73	260.00	17.35		55° 39' 52"		\neg
C56	64.11	260.00	14.13	N3	39° 55' 33"\	₩ 63.95	
C57	39.19	25.00	89.83	_	2° 03' 02"W		-
C58 C59	39.45 48.45	160.00	14.13 17.35	+	39° 55' 33"\ 55° 39' 52"\		-
C60	35.98	160.00	12.88	_	74° 15' 20"V		
C61	20.58	160.00	7.37	_	34° 23' 01"\		
C62 C64	274.61 264.58		55.21 35.67	+	50° 27' 56" 4° 47' 51"W		OWNER: F
C65	66.36	150.00	25.35	+	° 49' 32"E	65.82	E DEVELOPER/: F
C66	56.56	145.00	22.35		76° 53' 39"\		ENGINEERS: F
C67	258.76	225.00	65.89	S3.	5° 47' 45"W	244.74	
1		Table				e Table	NAME OF SUBDIVI
	-	Direction	Fo!!!!	L#	Length	Direction	PROPOSED HOUSE
	28.34 15.00	S22° 29' 59 S56° 57' 47.		L6 L7	48.35 21.58	N56° 57' 47.62"E N32° 51' 44.07"W	
		N88° 04' 08		L8	26.44	S2° 13' 34.38"W	
	15.00	S2° 50' 56.		L9	19.37	N32° 51' 44.07"W	
L5 1	15.00	N2° 50' 57.	.02"E				
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	w that shi	dearri-		FH.		Hydrant puted point	A SU
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	NITY MAP:
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T SNOKS LN	
	MEADOW CREEK DR
	HURTHEELD OR LEXINGTON PARK CIR EARLID MILLER LN
	tuning of the STONE Price HANDER DR
A KE DR	
RAYMAR RD BU	PROLECREEK OR C WALLACE AVE SA
OREENLEAF DR	Teles And
	eeu ceu
spinos on	ALEXINDER
CERTIF	TCATIONS:
OWNER:	DEVELOPER:
Name: FINLEY & COMPANY	Name: FINLEY & COMPANY
Address: P.O BOX 10	Address: P.O BOX 10
BRYANT, AR 72089	BRYANT, AR 72089
CERTIFICATE OF OWNER:	
laid off, platted and subdivided, and do hereby lay	wn and described herein do hereby certify that we have off, plat and subdivide said real estate in accordance
with the within plat. Source of Title:	
Date of Execution Name:	
Date of Excettion Name:	
CERTIFICATE OF PRELIMINARY SU	
	, 2023; that the boundary lines shown
hereon correspond with the description in the deed monuments which were found or placed on the pro-	
Signe	Jonathan L. Hope
	Registered Professional Land Surveyor No. 1762 Arkansas
CERTIFICATE OF PRELIMINARY EN	
or under my supervision; that all monuments show	t correctly represents a survey and a plan made by me on hereon actually exist and their location, size, type rements of the City of Bryant Subdivision Rules and
Regulations have been fully complied with.	tements of the City of Digant Subdivision Rules and
Date of Execution	Kazi Tamzidual Islam Registered Professional
	Engineer, No. 20876 Arkansas
CERTIFICATE OF PRELIMINARY PL	AT APPROVAL:
All requirements of the City of Bryant Subdivision	Rules and Regulations relative to the preparation and
submittal of a Preliminary Plat having been fulfilled further provisions of said Rules and Regulations.	d, approval of this plat is hereby granted, subject of
Signe	:d:
Date of Execution	Rick Johnson, Chairman Bryant Planning Commission
BBABBE	Y SPECIFICATIONS:
WNER: FINLEY & COMPANY	NUMBER OF LOTS: 75
P.O BOX 10 BRYANT, AR 72089	PROPOSED ZONING: PUD PROPOSED DENSITY 5.80 HOMES PER ACRE SOURCE OF WATER: CITY OF BRYANT
EVELOPER/: FINLEY & COMPANY JBDIVIDER P.O BOX 10 BRYANT, AR 72089	SOURCE OF SEWER: CITY OF BRYANT SOURCE OF ELECTRIC: FIRST ELECTRIC COOP
NGINEERS: HOPE CONSULTING INC. 129 N. MAIN STREET	SOURCE OF GAS: CENTERPOINT ENERGY BUILDING SETBACKS:
AME OF SUBDIVISION: HILL VALLEY ESTATES	FRONT-20' OR AS SHOWN REAR-10' OR AS SHOWN
ROPOSED HOUSE EXTERIOR: BRICK, VINYL, GLASS & W	TOOD UTILITY & DRAINAGE EASEMENTS:
LATLAOR DAICK, VINIL, GLASS & W	FRONT-10' OR AS SHOWN REAR - 5' OR AS SHOWN
	SIDE - 5' OR AS SHOWN STREET RIGHT OF WAYS: 50' OR AS SHOWN
	STREET WIDTH: 26' BOC TO BOC LOT CORNERS: SET 1/2" REBAR WITH CAP
	129 N. Main Street,
HOPE	Benton, Arkansas 72015
CONSULTING	PH. (501)315-2626 FAX (501) 315-0024
ENGINEERS - SURVEYORS	www.hopeconsulting.com
	ND BENEFIT OF:
FINLEY &	2 COMPANY
	EVELOPMENT (PUD)
	LEY ESTATES BRYANT, SALINE COUNTY, ARKANSAS.
DATE: 05/22/2024 C.A.D. BY: EVISED: CHECKED BY:	B.JOHNSON DRAWING NUMBER:
HEET: SCALE: 1" =	= 60' 24-0427
500 01S 14W 0	14 110 62 1762





Subdivision Checklist

Approved by Bryant Planning Commission 07/14/2003 Revised 6/18/2007

Instructions

The attached checklist must be completed by the owner and subdivision engineer and must be submitted along with the Preliminary Plat Plan and other specified documentation for review and approval by the Planning Commission. The owner may not begin developing the subdivision until the review of the Preliminary Plat plan is approved.

<u>No changes or alterations can be made to the approved Preliminary Plat Plan</u> without Planning Commission approval.

When all lots have been surveyed, the utilities and drainage measures are in place, and roads have been constructed, the owner and engineer will submit a Final Plat Plan for approval by the Commission. This Final Plat Plan will incorporate all approved changes and will be verified by the City Engineer. No lots will be sold or rights-of-way and easements conveyed until the Final Plat has been submitted and approved.

Fees due to City of Bryant upon submission of Preliminary Plat application

- \$300.00 + \$3.00 per lot for Subdivision preliminary plat review
- \$250.00 or \$25.00 per lot (whichever is greater) Stormwater Detention and Drainage Plan Engineering Fee
- A Surety Bond or Cashier's check in the amount of 10% of the estimated development cost must be furnished within 10 days after Preliminary Plat approval.

Fees due to Bryant Water and Sewer Department upon submission of Final Plat application

- \$100 per lot Water/Sewer Impact Fee
- \$100 per Subdivision Phase Water/Sewer Flushing Fee

Fees due to City of Bryant upon submission of Final Plat application

• \$25.00 + \$1.00 per lot - for Subdivision Final Plat review

\$231+\$300= \$531 \$25*77= \$1,925

Total Fee Required= \$2,456

City of Bryant Subdivision Checklist

Subdivision/Proje	ct Name Legacy Heights		
Contact Person _	Jonathan Hope	Phone	501-860-0467
Mailing Address	129 N Main Street Benton, Arkansas		
. BASIC INFORM	TION NEEDED ON THE PLAT		
▲ 1. Name o	f Subdivision/Project		
▲ 2. Current	zoning <u>PUD</u>		
▲ 3. Name	and Address of owner of Record		
🔺 4. Illustra	e Source of Title giving deed record book and pag	e number	
▲ 5. Name 8	address of the sub-divider		
▲ 6. Date of	Survey		
▲ 7. Vicinity	map locating streets, highways, section lines, rail	lroad, school	ls, & parks within ½ mile
▲ 8. Legal d	escription of the property with exact boundary line	es	
▲ 9. Acreage	e of property		,
▲ 10. Number	of Lots		
🔺 11. Lot are	a in square feet		
🔺 12. Lot line	s with appropriate dimensions		
🔺 13. Building	setback lines		
▲ 14 Prelimi	hary Engineering certificate seal and signature on (each nage	

- ▲ 14. Preliminary Engineering certificate seal and signature on each page
- ▲ 15. Certificate of Engineering Accuracy
- A 16. Certificate of Owner
- ▲ 17. Certificate of Final Plat Approval
- ▲ 18. Certificate of Recording
- ▲ 19. Show scale (not less than 1'' = 100')
- ▲ 20. North Arrow
- ▲ 21. Show Title block
- ▲ 22. Show adjoining property owners
- ▲ 23. Layout of all proposed streets including traffic control devices (stop signs, speed limit, etc.)
- 24. Layout of all subdivision entrance street upgrades
- ▲ 25. Layout of all proposed alleys
- ▲ 26. Layout of all proposed sidewalk systems
- 27. Layout identifies any FEMA flood plain and flood way property within the 100-year flood elevation. (Provide Corp of Engineers 404 Permit if required)
- ▲ 28. Drainage easements for stormwater run-off and detention giving dimensions, locations, and purpose
- ▲ 29. Layout accommodates Master Street Plan segments within the boundaries
- ▲ 30. Street layout ties to existing adjoining subdivision stub-out streets and provides stub-out streets for future adjoining subdivisions.
- ▲ 31. Street width and right-of-way properly shown for each functional classification
- ▲ 32. Street centerlines showing angles of deflection, intersection, radii, length oftangents and arcs, and degree of curvature with basis of curve data
- ▲ 33. Typical cross section of streets
- A 34. Location and name of existing streets
- ▲ 35. New street names that are not similar to existing street names
- A 36. Show street lights
- ▲ 37. Show Fire Hydrant placement

- ▲ 38. Show and label all permanent & proposed easements
- ▲ 39. Any proposed open space must be shown
- ▲ 40. Show the direction and flow of all water courses entering the tract
- ▲ 41. Show the direction and flow of all water courses leaving the tract
- ▲ 42. The drainage area of all water courses above the points of entry.
- ▲ 43. The downstream drainage channel and drainage structures substantially impacted by the subdivision/project.
- ▲ 44. Show source of water supply

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- ▲ 45. Show location of waste water connection to municipal main & sanitary sewer layout
- ▲ 46. A phasing plan outlining the boundaries for each phase

II. ADDITIONAL INFORMATION NEEDED, BUT NOT NECESSARILY ON THE PLAT

- 47. Natural features within the proposed subdivision including drainage channels, bodies of water, wooded areas, and other significant features
- 48. Existing streets, buildings, water courses, railroads. Culverts, utilities and easement on and adjacent to the tract.
- 49. Where method of disposal of wastewater is other than connection to a public waste water system, detailed information shall accompany the plat.
 - ▲ 50. Calculations and field notes, including drainage calculations along with support drawing
 - 51. Stormwater detention plan approval from City Engineer (attach copy of approval)
 - ▲ 52. The Certificate of Preliminary Engineering Accuracy on each set of street and drainage plans.
 - ▲ 53. ADA Accessibility Standard Form completed (and attached)
 - ▲ 54. A Bill of Assurance has been prepared for this subdivision (and attached)
 - ▲ 55. All lots comply with minimum square footage area and minimum lot width at the front building line
 - ▲ 56. Street pavement design will be as specified by City or AHTD design procedures, approved by the City Engineer.
- $\sqrt{-1}$ 57. Made the "One Call" prior to site clearance or other excavation activity

III. PRELIMINARY PLAT ATTACHMENTS

(APPLICATION WILL NOT BE ACCEPTED UNTIL ALL ATTACHMENT REQUIREMENTS ARE MET)

- ▲ 58. Letter to Planning Commission stating your request
- ▲ 59. Completed Checklist
- ▲ 60. Completed agreement to provide performance assurance
- ▲ 61. Subdivider Performance Bond or Cashier's Check for infrastructure installation
- ▲ 62. Landscaping plan of any proposed common open space
- ▲ 63. **Draft of Bill of Assurance** proposed for the subdivision (if applicable)
- 64. 20 copies of Preliminary Plat Plan (folded) that includes vicinity map (minimum size 17" X 34" paper)
- ▲ 65. <u>Two</u> (2) IBM compatible diskettes or CDR's with pertinent data and Plat in CAD compatible .DXF electronic file format
- ▲ 66. Copy of **Stormwater Detention approval**
- ▲ 67. 2 copies Plan and profile of all streets
- ▲ 68. Receipt for \$300.00 + \$3.00 per lot for preliminary Subdivision fee
- ▲ 69. Receipt for \$250.00 or \$25.00 per lot (whichever is greater) for Stormwater Detention and Drainage Plan review
- Copy of ADEQ Stormwater Pollution Prevention Plan for property parcel containing one acre or larger.

III. FINAL PLAT ATTACHMENTS (APPLICATION WILL NOT BE ACCEPTED UNTIL ALL ATTACHMENT REQUIREMENTS ARE MET)

- 71. Letter to Planning Commission stating your request
- ▲ 72. Completed Checklist

1

- A 73. 20 copies of Final Plat Plan (folded) that includes vicinity map (minimum size 17" X 34" paper)
- ▲ 74. <u>Two</u> (2) IBM compatible diskettes or CDR's with pertinent data and Plat in CAD compatible .DXF electronic file format
- ▲ 75. Bill of Assurance including provisions set out in Title 15 Subdivision Regulations 15.16.01
- ▲ 76. Copy of Water & Sewer Commission approval or....
- $\sqrt{-77}$. State Health Department approval of any new water supply and/or sewage system.
- 78. Letter submitted by a Registered Professional Engineer, certifying that all infrastructure improvements and installations have been installed in accordance with the submitted construction plans and drawings and the standards established by the City of Bryant and are functioning properly.
- ▲ 79. Infrastructure Maintenance Bond or Cashier's check.
- ▲ 80. Check for \$25.00 + \$1.00 per lot for final Subdivision fee
- ▲ 81. Check for Water Sewer impact fees (\$100.00 Flushing Fee and \$100.00 impact fee per lot)

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Name of Subdivision

Jonathan Hope

Surveyor

I HAVE COMPLIED WITH THE REQUIREMENTS LISTED ABOVE AND HAVE CHECKED ALL OF THE BOXES ON THE CHECKLIST WHICH APPLY TO THIS PROJECT SUBMITTAL.

Owner Signature

William McFadden

Engineer Signature

<u>CITY USE</u>

Preliminary Plat Approved _____

Planning Commission Date _____

Final Plat Approved _____

Planning Commission Date _____

Proof of Recording - County _____

County Clerk ______

Date _____

AGREEMENT BY SUBDIVISION DEVELOPER TO PROVIDE ASSURANCE TO THE CITY OF BRYANT ARKANSAS PER ORDINANCE #98-35
I, developer for the
the City of Bryant city limits or planning jurisdiction agree to provide a surety
bond or cashier's check in the amount of 10% of the development cost estimated
to be \$ but not less than \$10,000 or more than \$50,000 within
10 calendar days after preliminary plat approval by the Bryant Planning
Commission in accordance with the terms of Ordinance Number 98-35.

Date

1

Developer Signature

Witness

Printed Name

Address

Phone Number

ASSURANCES FOR COMPLIANCE, INSTALLATION, ETC.

- a.) Upon preliminary approval of subdivision construction plans and specifications for improvements, the Developer shall enter into an agreement with the City of Bryant to install or ensure the completion of the improvements as designed and to (repair or replace), (pay the cost to the city of repairing or replacing) all city property damaged or destroyed in connection therewith. The city will accept the subdivision and issue the certificate of final plat approval subject to the assurance of performance of the obligations of the Developer under the agreement.
- b.) One of the following assurances assigned to the city shall be utilized by the Developer to assure performance of the Developer's obligations under the agreement:
 - 1. Surety Bond in the amount of ten percent (10%) of the estimated development cost and recorded at the Saline County Courthouse.
 - Cashier's check(s) in the amount of ten percent (10%) of the estimated development cost on which no interest will be paid by the city.

Any cashier's check or certificate of deposit allowed by this section shall be insured by a financial institution insured by the Federal Deposit Insurance Corporation and licensed to business in Arkansas. Further, each instrument of assurance shall be payable to the City of Bryant, and shall be in principal amount no less that \$10,000 or no greater than \$50,000. All instruments of assurance or the city's check in the amount equal to the principal amount of the instrument less any deductions for failure to perform by the Developer shall be returned to the Developer one-year after completion of the Developers performance under the agreement.

Forfeiture of the assurance for compliance does not relieve the Developer of his responsibility to complete the subdivisions improvements to the satisfaction of the City.

Developer's of large projects that could have an adverse impact on the City's infrastructure may be required to have an assurance for compliance if so directed by the Planning Commission.

All Ordinances and parts of Ordinances in conflict with this Ordinance are hereby repealed.

Should any portion of this ordinance be unconstitutional or invalid and so declared by a court of competent jurisdiction, then the remainder of this Ordinance, and any remaining applications of the Ordinance, shall not be affected by such partial unconstitutionality or invalidity.

This Ordinance shall be in full force and effect from and after its passage, approval, and publication.

PASSED AND APPROVED THIS ______ 28th DAY OF ______ September ____, 1998.

Vanda mith City Clerk

No Emergency Clause



City of Bryant, Arkansas Community Development 210 SW 3rd Street Bryant, AR 72022 501-943-0943

Rezoning Application

Applicants are advised to read the Amendments section of Bryant Zoning Code prior to completing and signing this form. The Zoning Code is available at <u>www.cityofbryant.com</u> under the Planning and Community Development tab.

4/24/2024 Date:

Applicant or Designee:

Property Owner (If different from Applicant):

Name	Jonathan Hope	Name	Finley & Company
Address _	129 N Main St. Benton, AR	Address	P.O Box 10 Bryant, AR
Phone	501-315-2626	Phone	501-258-9646
Email Ado	iressjonathan@hopeconsulting.com	Email Address	stuart@finleyandcompany.com
Droporty	Information:		

Property Information:

8800 HWY 5

Address Parcel #840-11640-124, 840-11660-000, 840-11660-010, 840-11660-020, 840-11634-600 Parcel Number

C-2 Existing Zoning Classification

PUD Requested Zoning Classification ____

Legal Description (If Acreage or Metes and Bounds description, please attach in a legible typed format) See Exhibit Attached

Application Submission Checklist:

- Letter stating request of zoning change from (Current Zoning) to (Requested Zoning) and to be placed on the Planning Commission Agenda
- **I** Completed Rezoning Application
- E Rezoning Application Fee (\$40 fee for lot and black descriptions or \$125 for acreage or metes and bound descriptions)
- If someone, other than the owner, will be handling the zoning process, we will require a

letter from the owner of said property, giving him or her authority to do so.

Recent surveyed plat of the property including vicinity map

Additional Requirements:

Items below **must be completed before the public hearing can occur**. Failure to provide notices in the following manners shall require delay of the public hearing until notice has been properly made.

- Publication: Public Notice shall be published by the applicant at least one (1) time fifteen (15) days prior to the public hearing at which the rezoning application will be heard. Once published please provide a proof of publication to the Community Development office. (Sample notice attached below)
- Posting of Property: The city shall provide signs to post on the property involved for the fifteen (15) consecutive days leading up to Public hearing. One (1) sign is required for every two hundred (200) feet of street frontage.
- Notification of adjacent landowners: Applicant shall attempt to inform by certified letter, return receipt requested, all owners of land within three hundred (300) feet of any boundary of the subject property of the public hearing. (Sample letter attached below)
- □ Certified list of property owners, all return receipts, and a copy of the notice shall be provided to the Community Development Department at least five (5) days prior to the public hearing.

Note: that this is not an exhaustive guideline regarding the Conditional Use Permit Process. Additional information is available in the Bryant Zoning Ordinance.

READ CAREFULLY BEFORE SIGNING

I ______, do hereby certify that all information contained within this application is true and correct. I further certify that the owner of the property authorizes this proposed application. I understand that I must comply with all City Codes that pertain to this project and that it is my responsibility to obtain all necessary permits as needed.

NOTICE OF PUBLIC HEARING

A public hearing will be held on Monday,	June 10, 2024	at 6:00 P.M.		
at the Bryant City Office Complex, 210 Southwest 3 rd Street, City of Bryant, Saline				
County, for the purpose of public comment on a rezone request at the site of				
Parcel #840-11640-124, 840-11660-000, 840-11660-010,	840-11660-020, 840-11634-600	(address).		

A legal description of this property can be obtained by contacting the Bryant Department of Community Development.

> Rick Johnson Chairman Board of Zoning Adjustment City of Bryant

This notice is to be run in the legal notices section of the Saline Courier no less than 15 days prior to the public hearing.

April 24, 2024

RE: Rezoning Petition

The property located at $\underline{Parcel #840-11640-124, 840-11660-000, 840-11660-020, 840-11634-600}$ is being considered for rezoning from <u>C2</u> to <u>PUD</u>. The property is more particularly described as follows:

An application has been filed with the City of Bryant Planning Commission to rezone the property. As part of this process, a public hearing will be held on Monday June 10, 2024 at 6:00 PM in the Boswell Community Center Courtroom, 210 SW 3rd Street, Bryant, AR 72022.

Public comments will be accepted at that time regarding this rezoning. Since you own property within 300 feet of the property in consideration, you have been sent this letter via certified mail as required by city ordinance.

Should you have any questions regarding this matter you may contact the City of Bryant at 501-943-0857 or by contacting me at 501-860-0467.

Thank you for your consideration in this matter.

Sincerely,

Jonathan Hope

Hope Consulting



February 2, 2024

Colton Leonard City of Bryant 210 S.W. 3rd Street Bryant, Arkansas 72022

RE: Legacy Woods: Planned Unit Development

Dear Mr. Leonard,

Colton,

I am writing to propose Legacy Woods, a vibrant new neighborhood within our community that promises to enhance the quality of life for its residents and contribute positively to the overall appeal of Bryant. This project will be proposed as a Planned Unit Development.

Located on 18.8 acres on Highway 5, this proposed neighborhood will consist of 78 residential lots thoughtfully designed to foster a sense of community and well-being. Emphasizing both recreation and relaxation, our plan includes a range of amenities aimed at promoting an active and social lifestyle.

Key features of the proposed neighborhood include:

*Walking trails weaving through lush greenery, providing residents with opportunities for exercise and leisurely strolls.

*Pickleball courts catering to the growing popularity of this engaging sport, encouraging friendly competition and camaraderie among neighbors.

*A fitness center equipped with modern facilities, allowing residents to pursue their health and wellness goals conveniently within the neighborhood.

*A welcoming clubhouse serving as a hub for community events, gatherings, and celebrations, fostering connections and a sense of belonging among residents.

*A thoughtfully designed playground providing safe and enjoyable recreational opportunities for children.

*A refreshing swimming pool offering a perfect retreat for relaxation and enjoyment during warm summer days.

Furthermore, we are committed to preserving green spaces within the neighborhood, with 4.15 acres designated as Common Usable Open Space. This area will not only enhance the aesthetic appeal of the neighborhood but also provide residents with additional recreational opportunities and a connection to nature.

Our vision for this neighborhood is to create a harmonious blend of modern living, recreational amenities, and natural beauty, offering residents a fulfilling and balanced lifestyle. We believe that this development aligns with the city's goals of promoting community well-being and sustainable growth.

We look forward to discussing this Planned Unit Development with you further and working collaboratively to bring this exciting project to fruition for the benefit of all Bryant residents.

Sincerely,

Jonathan Hope



City of Bryant, Arkansas Community Development 210 SW 3rd Street Bryant, AR 72022 501-943-0943

Rezoning Application

Applicants are advised to read the Amendments section of Bryant Zoning Code prior to completing and signing this form. The Zoning Code is available at www.cityofbryant.com under the Planning and Community Development tab.

Date: 4-25-24

Applicant or Designee:	Property Owner (If different from Applicant):		
Name William Kalkbrewer	Name		
Address 1710 Sheal Read	Address		
Phone 561-529-7995	Phone		
Email Address W.Kalkbrewer CgmilanEmail Address			
Property Information:			
Address 1710 Shoal Road			
Parcel Number 840-14867-000			
Existing Zoning Classification <u>R- E</u>			
Requested Zoning Classification <u>R-</u>			
Legal Description (If Acreage or Metes and Bounds description, please attach in a legible typed format)			

Application Submission Checklist:

- Letter stating request of zoning change from (Current Zoning) to (Requested Zoning) and to be placed on the Planning Commission Agenda
- Completed Rezoning Application
- □ Rezoning Application Fee (\$40 fee for lot and black descriptions or \$125 for acreage or metes and bound descriptions)
- ₩A If someone, other than the owner, will be handling the zoning process, we will require a

letter from the owner of said property, giving him or her authority to do so.

Recent surveyed plat of the property including vicinity map

Additional Requirements:

Items below **must be completed before the public hearing can occur**. Failure to provide notices in the following manners shall require delay of the public hearing until notice has been properly made.

- Publication: Public Notice shall be published by the applicant at least one (1) time fifteen (15) days prior to the public hearing at which the rezoning application will be heard. Once published please provide a proof of publication to the Community Development office. (Sample notice attached below)
- Posting of Property: The city shall provide signs to post on the property involved for the fifteen (15) consecutive days leading up to Public hearing. One (1) sign is required for every two hundred (200) feet of street frontage.
- Notification of adjacent landowners: Applicant shall attempt to inform by certified letter, return receipt requested, all owners of land within three hundred (300) feet of any boundary of the subject property of the public hearing. (Sample letter attached below)
- Certified list of property owners, all return receipts, and a copy of the notice shall be provided to the Community Development Department at least five (5) days prior to the public hearing.

Note: that this is not an exhaustive guideline regarding the Conditional Use Permit Process. Additional information is available in the Bryant Zoning Ordinance.

READ CAREFULLY BEFORE SIGNING

I William Kalkbrewset, do hereby certify that all information contained within this application is true and correct. I further certify that the owner of the property authorizes this proposed application. I understand that I must comply with all City Codes that pertain to this project and that it is my responsibility to obtain all necessary permits as needed.

NOTICE OF PUBLIC HEARING

A public hearing will be held on Monday, ______ at 6:00 P.M.

at the Bryant City Office Complex, 210 Southwest 3rd Street, City of Bryant, Saline

County, for the purpose of public comment on a conditional use request at the site of

(address).

A legal description of this property can be obtained by contacting the Bryant Department of Community Development.

> Rick Johnson Chairman Board of Zoning Adjustment City of Bryant

This notice is to be run in the legal notices section of the Saline Courier no less than 15 days prior to the public hearing.

SAMPLE LETTER

Date
Name
Address
RE: Rezoning Petition
The property located at __________ is being considered for
rezoning from _________ to ________. The property is more particularly described as
follows:

INSERT LEGAL DESCRIPTION OF PROPERTY

An application has been filed with the City of Bryant Planning Commission to rezone the property. As part of this process, a public hearing will be held on Monday ______, 2021 at 6:00 PM in the Boswell Community Center Courtroom, 210 SW 3rd Street, Bryant, AR 72022. Public comments will be accepted at that time regarding this rezoning. Since you own property within 300 feet of the property in consideration, you have been sent this letter via certified mail as required by city ordinance.

Should you have any questions regarding this matter you may contact the City of Bryant at 501-943-0857 or by contacting me at ______.

Thank you for your consideration in this matter.

Sincerely,

Your Signature Your Name 2:11

.II 5G

Done

Photo 😔







William Kalkbrenner 1710 Shoal Rd., Bryant, AR 72022 501-529-7995 w.kalkbrenner@gmail.com

April 25th, 2024

Colton Leonard City Planner – City of Bryant, AR 210 SW 3rd. St., Bryant, AR 72022 501-943-0301

Rezoning of 1710 Shoal Rd., Bryant, AR 72202 - From R-E to R1

Mr. Leonard,

I am writing to request that 1710 Shoal Rd., Bryant, AR 72202 be rezoned from R-E to R-1. The property is now connected to City of Bryant sanitary sewer, allowing a transition from the R-E zoning designation.

I would like to request that this rezoning be formally placed on the City of Bryant Planning Commission Agenda.

Any help that you may be able to provide in this matter would be greatly appreciated.

Sincerely,

William Kalkbrenner

OWNERSHIP/ZONE SEARCH

Date:May 13, 2024File Number:24-020323-050Prepared For:Tim Lemons, PE

Lenders Title Company has searched the records of the Real Estate Records of Saline County, Arkansas to determine the apparent ownership of property within 350 feet of the perimeter of the following described property as of April 26, 2024 at 8:00AM

That part of the Southeast Quarter of the Southeast Quarter of Section 17, Township 1 South, Range 14 West, Saline County, Arkansas, more fully described as follows: Beginning at a point on the East line of the said SE1/4 of SE1/4 that is 1155 feet North of the Southeast corner thereof; run thence North for 165 feet thence West parallel with the South line thereof to the intersection with the West line of the said SE1/4 SE1/4; run thence South, along the West line thereof for 165 feet; run thence East to the point of beginning.

Following is a list of apparent owners of property within 350 feet of the perimeter of the above described property as reflected by the records of the Real Estate Records of Saline County, Arkansas:

Malcolm Living Trust 7421 Worth Ave. Benton, AR 72019

Brian Bauer 7428 Worth Ave. Benton, AR 72019

George & Linda Dicus 7422 Worth Ave. E Benton, AR 72019

James A. Parks 7425 Union Square Benton, AR 72015

Michael L. Armstrong and Mary K. Armstrong 7417 Union Square Benton, AR 72019

Kari D. Caradine and Brett W. Caradine 7420 Union Square Benton, AR 72015

George A. Holcomb Jr. 7424 Union Square Benton, AR 72019 Nakia R. Lovell 7416 Union Square Benton, AR 72019

Tiffany Johnson 5415 Union Square Benton, AR 72015

Brand's BJ & Kids LLC and Virginia Beth Ouellette 9 Virginia Rd. Newport, AR 72112

Ashley M. Johnson and Anglea L. Johnson 5407 Union Square Benton, AR 72019

John Prince and Kay Prince 7416 Worth Ave. Benton, AR 72019

Tracy A. Shelton and Marianne Shelton 7415 Worth Ave. Benton, AR 72019

Caleb Orion Fisher and April Danielle Morgan 7410 Worth Ave. Benton, AR 72019

Eddie Walker and Ebony Walker 7409 Worth Ave. Benton, AR 72019

John A. Vinson and Sarah R. Vinson 7403 Worth Ave. Benton, AR 72019

Portia Simone Carr 7327 Worth Ave. Benton, AR 72015-6272

Michael F. Guinn and Karen A. Guinn 7321 Worth Ave. Benton, AR 72019

Carl & Pam Gann Living Trust 7316 Worth Ave. Benton, AR 72019 Wilson David Grappe and Mary Diane Grappe 7328 Worth Ave. Benton, AR 72019

Gary Ferrell and Diana Ferrell 7404 Worth Ave. Benton, AR 72019

Hurricane Gardens POA 2200 Abigail Dr. Bryant, AR 72019

Arthur & Jane Spicer Revocable Trust 3 Adoracion Point Hot Springs Village, AR 71909

Cheiko Stewart and Rolando Dupree 2318 Abigail Dr. Bryant, AR 72019

Kevin Nguyen Le and Ly Khanh Bui Living Trust 2312 Abigail Dr. Bryant, AR 72022

Amy Baldwin 2306 Abigail Dr. Bryant, AR 72019

Scott Christopher Jackson and Nancy Binder Jackson 2300 Abigail Dr. Bryant, AR 72019

Viet Nhat Nguyen and Thi Mong Thi Le 2230 Abigail Dr. Bryant, AR 72022

Charlotte Anne Carlson 2224 Abigail Dr. Bryant, AR 72019

Abigail Estate Family Trust 4715 Hwy 5 N. Suite 2 Bryant, AR 72022

Aston George Gore and Janice Atacha Gore 2212 Abigail Dr. Bryant, AR 72022 Antoine Sims 2206 Abigail Dr. Bryant, AR 72019

Arturo Flores and Karla Marizol Flores 2202 Abigail Dr. Benton, AR 72019

Jason Floyd 2403 Hurricane Gardens Dr. Benton, AR 72019

David I Rososki and Karen W. Rososki 2409 Hurricane Gardens Dr. Bryant, AR 72019

Imane Amrani 2415 Hurricane Gardens Dr. Benton, AR 72019

Joseph Rush Milam and Ashley Elizabeth Milam 2421 Hurricane Gardens Dr. Bryant, AR 72019

Bobby & Donna Joint Revocable Trust 2427 Hurricane Gardens Dr. Bryant, AR 72019

Jerrilyn A. Profit and Avia S. Duncan 2433 Hurricane Gardens Dr. Bryant, AR 72022

Russ Whiting Trust 2503 Hurricane Gardens Dr. Bryant, AR 72022

Mervyn Kent David and Guqueta S. David 2509 Hurricane Gardens Dr. Bryant, AR 72022

Sheryl Lanette May 2515 Hurricane Gardens Dr. Bryant, AR 72019

Kay Lynn Brunt 2521 Hurricane Gardens Benton, AR 72019 Stacy Lynn Baker 2527 Hurricane Garden Dr. Bryant, AR 72022

Luat Thanh Nguyen and Hong Thi Vo 2603 Hurricane Gardens Dr. Bryant, AR 72022

Jody Chandler 2609 Hurricane Gardens Dr. Bryant, AR 72019

D & D Homes LLC P.O. Box 1065 Bryant, AR 72089

Andrey Ann Lovett 1541 Pierce St. Waxahachie, TX 75165

Roberto Roman and Kathleen C. Roman 2620 Hurricane Gardens Bryant, AR 72022

Gregory Joe Frost II and Charlotte F. Frost 2614 Hurricane Gardens Dr. Bryant, AR 72019

Drew Warburton 2608 Hurricane Gardens Bryant, AR 72022

Jeremy Lee Galloway and Alexis Jean Galloway 2602 Hurricane Gardens Dr. Benton, AR 72019

David S. Faulkner and Andrea R. Faulkner 2526 Hurricane Gardens Dr. Benton, AR 72019

D & D Homes P.O. Box 1065 Bryant, AR 72089

Jackie W. Eoff Revocable Trust and Shirley J. Eoff Revocable Trust 2508 Hurricane Garden Dr. Benton, AR 72019 Larry A. Reich and Tetyana M. Reich 2502 Hurricane Gardens Bryant, AR 72022

Lane Criss Cowart and Benjamin Paul Cowart, Jr. and Benjamin P. Cowart 2432 Hurricane Gardens Dr. Benton, AR 72019

Eric Dwayne Flowers 2426 Hurricane Gardens Dr. Benton, AR 72019

Latoya Lilly Hodge and Julius Melvin Hodge 2420 Hurricane Gardens Dr. Benton, AR 72019

Samantha Mays and Ethan Mays 2414 Hurricane Gardens Dr. Benton, AR 72019

Crystal Moody 2408 Hurricane Gardens Dr. Benton, AR 72019

Mynor D. Martinez Guerra and Ruby Martinez 3418 Centark Cir. Alexander, AR 72002

James Henry Glimer Revocable Trust 2403 Pleasure Dr. Benton, AR 72019

Michael Hamilton 2402 Pleasure Dr. Bryant, AR 72022

Billy C. Farnsworth and Patricia Farnsworth 2211 Pleasure Dr. Benton, AR 72019

Patsy D. Hammond 2418 Pleasure Dr. Benton, AR 72019

James M. Reed and Lea Ellen Reed 4102 Springhill Rd. Bryant, AR 72019 Bob and Kay Smith Joint Revocable Trust 4120 Springhill Rd. Bryant, AR 72022

St. Regis at Hurricane Lake LLC 2970 Craighead Cir. Conway, AR 72034

Richard Armando Flores and Yerize Celilia Isturiz 7319 Peach Blossom Dr. Benton, AR 72019

Marjorie C. Mauch Revocable Trust 3505 Boone Rd. Apt. 221 Benton, AR 72015

Reginald Harris 7325 Peach Blossom Ave. Benton, AR 72019

David Oudom Hen and Sophath Hen 7401 Peach Blossom Ave. Benton, AR 72019

Thomas H. Massanelli 7405 Peach Blossom Ave. Benton, AR 72019

Jodi Darter 7409 Peach Blossom Ave. Benton, AR 72019

Fnu Sibghat Tul Liah 7413 Peach Blossom Dr. Benton, AR 72019

Dustin R. Campbell and Shelly N. Campbell 7412 Peach Blossom Dr. Benton, AR 72019

Jarrod Wade Gray and Deanea Marie Gray 7408 Peach Blossom Ave. Benton, AR 72019

Douglas L. Woodall and Lita A. Woodall 14996 W. Polk Rd. Alexander, AR 72002 Dennis Hendrix P.O. Box 430 Benton, AR 72018-0430

This Ownership/Zone Search is intended for the exclusive use of the addressee for informational purposes only. Lenders Title Company is not expressing or attempting to express an opinion as to the validity of the title to the above described property or property noted as being within 350 feet thereof (collectively referred to as "the property"), the accuracy of the addresses, nor as to the validity of any interests or encumbrances, both recorded and unrecorded, that pertain to the property. While Lenders Title Company believes that the information stated above is accurate, no assurances are made nor is any liability assumed by Lenders Title Company for any incorrect information stated herein or omitted herefrom. For assurances as to the title to the property, addressee should obtain a title insurance commitment/policy.

Sincerely,

Lenders Title Company Arkansas License No. IA-82

Nam 7 Mars

By: Title Agent License Number: <u>9921013</u>

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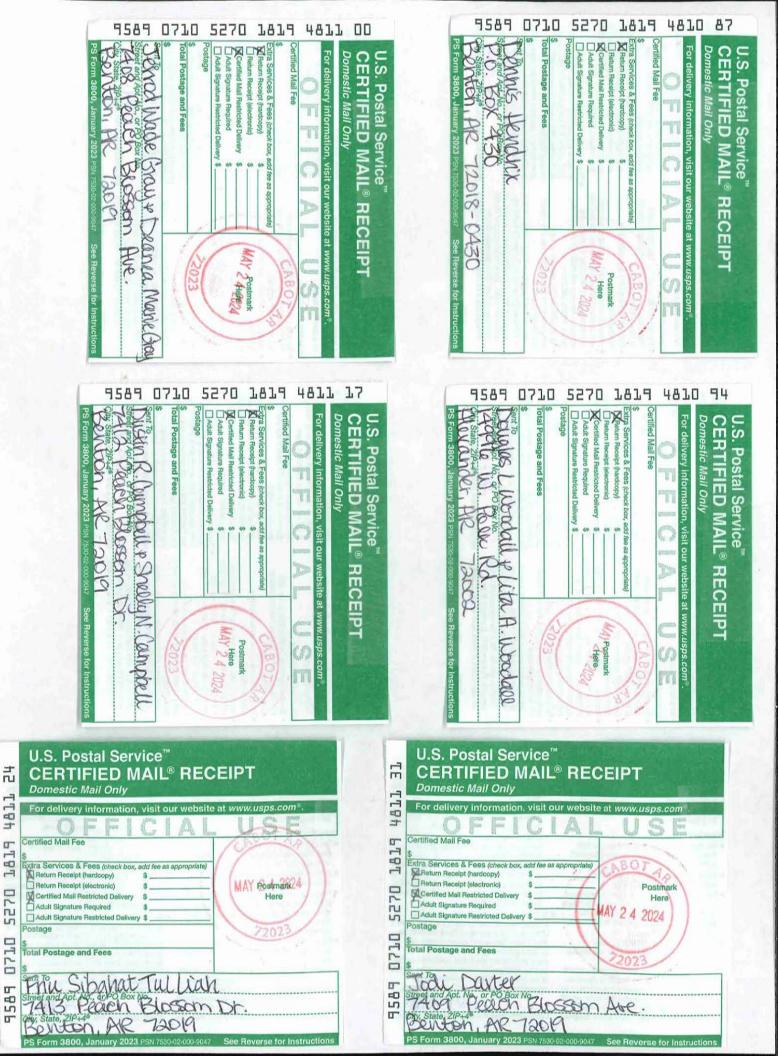
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Grand Total: \$689.91	Debit Card Remit Card Name: MasterCard Account #: XXXXXXXXXX1456 Approval # Transaction #: 807 Receipt #: 073248 Debit Card Purchase: \$689.91 AID: 4000000042203 AL: US Debit PIN: Verified	Text your tracking number to 28777 (2USPS) to get the latest status. Standard Message and Data rates may apply. You may also visit www.usps.com USPS Tracking or call 1-800-222-1811. Preview your Mail Track your Packages Sign up for FRE @ https://informeddelivery.usps.com	All sales final on stamps and postage. Refunds for guaranteed services only. Thank you for your business. Tell us about your experience. Go to: https://postalexperience.com/Pos or scan this code with your mobile device,	or call 1-800-410-7420.	UFN: 041422-0323 Receipt #: 840-57200152-2-7858041-2 Clerk: 30
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City of Bryant, Arkansas Community Development 210 SW 3rd Street Bryant, AR 72022 501-943-0943

Rezoning Application

Applicants are advised to read the Amendments section of Bryant Zoning Code prior to completing and signing this form. The Zoning Code is available at www.cityofbryant.com under the Planning and Community Development tab.

Date: <u>5/8/2024</u>

Applicant or Designee:	Property Owner (If different from Applicant):
Tim Lemons, PE	Name LLC
Name Lemons Engr.	Name LLC
Address Cherry, Cobo+, AP	Address BIG E. Oak St., Conwey. AR 72032
Phone (501) 605-7565	Phone (501) 428 - 3866
Email Address drstrep 43 Cgmail.	Email Address <u>Massey developmentgroup</u> C
Property Information:	hotmail.com
Address 3927 Springhill Be	1., 13ryent, AR 72022
Parcel Number 840-11855-	000
Existing Zoning Classification R-Z	<u></u>
Requested Zoning Classification R - I-	5
Legal Description (If Acreage or Metes and Bounds of	
sce attached	1

Application Submission Checklist:

Letter stating request of zoning change from (Current Zoning) to (Requested Zoning) and to be placed on the Planning Commission Agenda

Completed Rezoning Application

Rezoning Application Fee (\$40 fee for lot and black descriptions or \$125 for acreage or metes and bound descriptions)

If someone, other than the owner, will be handling the zoning process, we will require a

letter from the owner of said property, giving him or her authority to do so.

Recent surveyed plat of the property including vicinity map

Additional Requirements:

Items below **must be completed before the public hearing can occur**. Failure to provide notices in the following manners shall require delay of the public hearing until notice has been properly made.

- Publication: Public Notice shall be published by the applicant at least one (1) time fifteen (15) days prior to the public hearing at which the rezoning application will be heard. Once published please provide a proof of publication to the Community Development office. (Sample notice attached below)
- Posting of Property: The city shall provide signs to post on the property involved for the fifteen (15) consecutive days leading up to Public hearing. One (1) sign is required for every two hundred (200) feet of street frontage.
- Notification of adjacent landowners: Applicant shall attempt to inform by certified letter, return receipt requested, all owners of land within three hundred (300) feet of any boundary of the subject property of the public hearing. (Sample letter attached below)
- Certified list of property owners, all return receipts, and a copy of the notice shall be provided to the Community Development Department at least five (5) days prior to the public hearing.

Note: that this is not an exhaustive guideline regarding the Conditional Use Permit Process. Additional information is available in the Bryant Zoning Ordinance.

READ CAREFULLY BEFORE SIGNING

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I <u>Concerned and the second se</u>

Springhill HWY 5 Development, LLC 816 E. Oak Street Conway, Arkansas 72032

May 8, 2024

City of Bryant, Arkansas Community Development 210 SW 3rd Street Bryant, Arkansas 72022

Re: Designee Authority – Proposed Rezone 3927 Springhill Road, Bryant, AR Parcel # 840-11855-000

To Whom It May Concern:

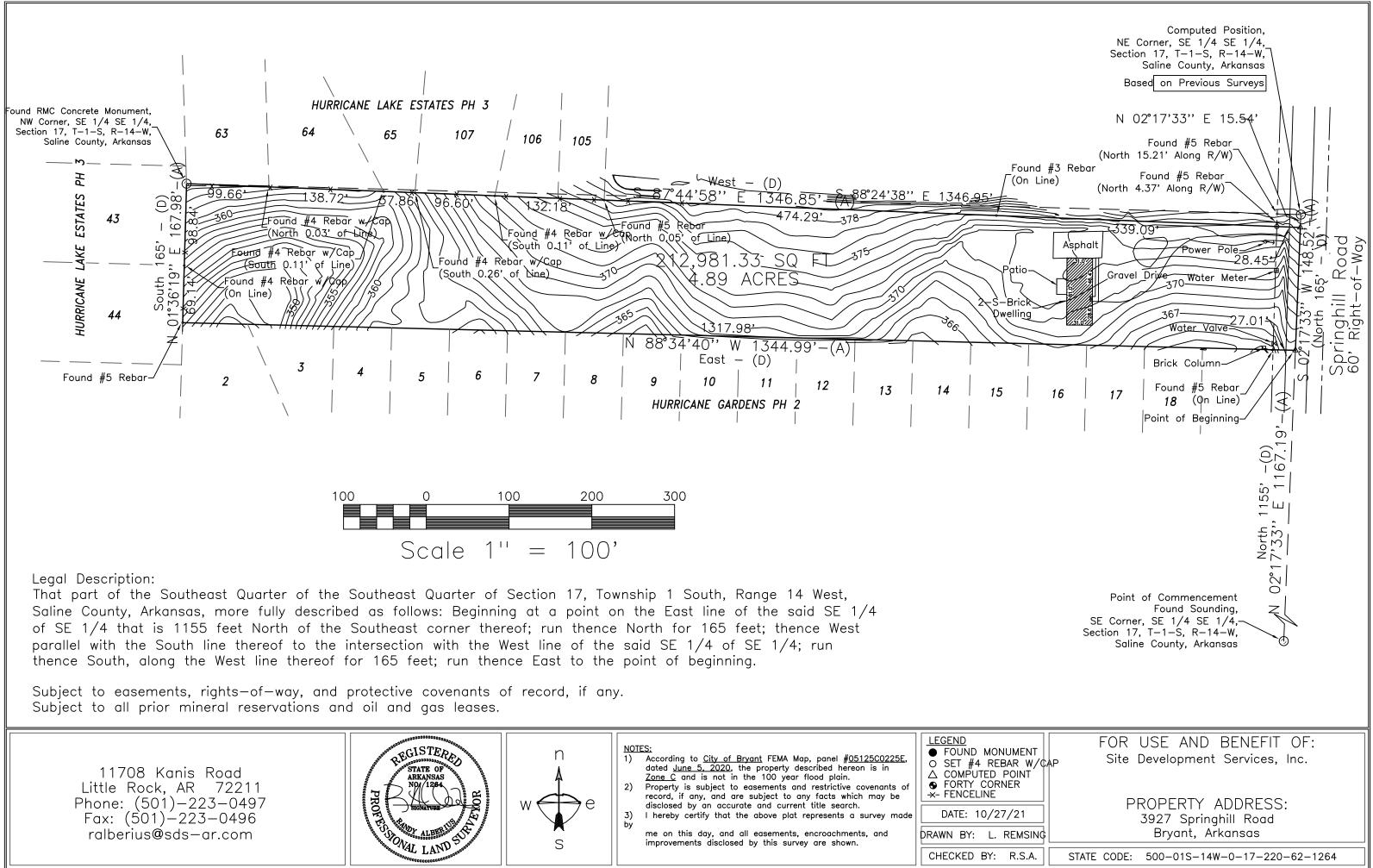
Please accept this letter as the authority to designate Tim Lemons, PE, Lemons Engineering Consultants, Inc., 204 West Cherry Street, Cabot, AR 72023, as our representative for this project with respect to the proposed rezone, and presentation of the civil design plans.

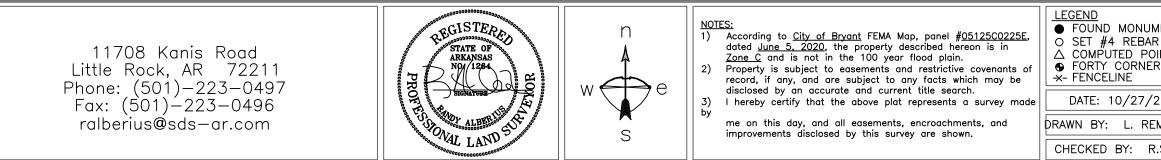
Contact our office if you have any questions.

Sincerely,

AB

Ankur Patel, Owner







Lemons Engineering Consultants, Inc. 204 West Cherry Street Cabot, Arkansas 72023 (501) 605-7565 arstrep43@gmail.com

May 8, 2024

City of Bryant, Arkansas Community Development 210 SW 3rd Street Bryant, Arkansas 72022

Re: Rezone Request – From R-2 to R-1-S 3927 Springhill Road, Bryant, AR Parcel #840-11855-000

To Whom It May Concern:

Please accept this letter as a formal request for a Rezone on the subject property located at 3927 Springhill Road, Bryant, AR. We ask that this request be included on the agenda of the June 10, 2024, City of Bryant Planning Commission meeting.

Attached you will find the Rezone Application, Authority Letter from the Owner establishing the Designee, and a recent survey of the property. From inspecting the survey you will find that the shape of the lot is relatively strange. Whereas the parcel contains 4.89 acres, the width of the tract is only 148.52 feet. This unusual shape will cause us to only have one row of lots along a planned road. Due to this limitation, we feel the rezone is justified.

We have included a word document version of the legal description to assist in creating all documents necessary for this rezone to be heard. Please review the enclosed and contact me if additional information is needed.

Sincerely,

Tim Lemons, PE

William (Bill) Gray 307 SW 4th Steet Bryant, AR 72022

Letter Stating Request of Conditional Use Permit and Reason for Request

To Whom it May Concern,

I am requesting approval of my Conditional Use Permit to allow me to get a building permit and to build a lean-too to my shop. I have a 30' x 55' shop in my back yard that I keep and work on my old cars. I built the shop 10 years ago and added another bay on last year and just recently bought another car. I thought I would add another 15' X 44' lean to onto the existing shop. I am retired and am doing the work myself. I have attached sketches of my shop and the new lean-too.

I have talked to my neighbor on the west side, Joe Casey, and he has no problem with my lean-too. Him and I are very good friends and he comes over or I go over to his place. I have a privacy fence that hides most of the shop and backyard. I keep the yard well maintained and looking good.

Thank You, William H. May

William Gray



City of Bryant, Arkansas Community Development 210 SW 3rd Street Bryant, AR 72022 501-943-0943

Conditional Use Permit Application

Applicants are advised to read the Conditional Use Permit section of Bryant Zoning Code prior to completing and signing this form. The Zoning Code is available at <u>www.cityofbryant.com</u> under the Planning and Community Development tab.

Date: May 3, 2024

Applicant or Designee:	Project Location:
Name Allliam Gray (Bill)	Property Address 307 5W. 4th Street
Address 1300 N. Richardson Pl. Dr. B	
Phone 501-425-8975	Parcel Number 840 - 15969-0000
Email Address: bill 579 89 mail. Com	Zoning Classification
Property Owner (If different from Applicant):	
Name	
Phone	
Address	
Email Address	
Additional Information:	
Legal Description (Attach description if necessary	()

Description of Conditional Use Request (Attach any necessary drawings or images)

Description of Conditional Use Request (Attach any necessary drawings of manager, Request Approval to build a lean-too to existing shop.

Proposed/Current Use of Property Personal Use to Store and Wark on hobby Caps

NOTICE OF PUBLIC HEARING

A public hearing will be held on Monday, <u>June 10th</u>, 2024 at 6:00 P.M.

at the Bryant City Office Complex, 210 Southwest 3rd Street, City of Bryant, Saline

County, for the purpose of public comment on a conditional use request at the site of

307 SW 4th St., Bryant, AR 72022 (address).

A legal description of this property can be obtained by contacting the Bryant Department of Community Development.

> Rick Johnson Chairman Board of Zoning Adjustment City of Bryant

This notice is to be run in the legal notices section of the Saline Courier no less than 15 days prior to the public hearing.

Application Checklist

Requirements for Submission

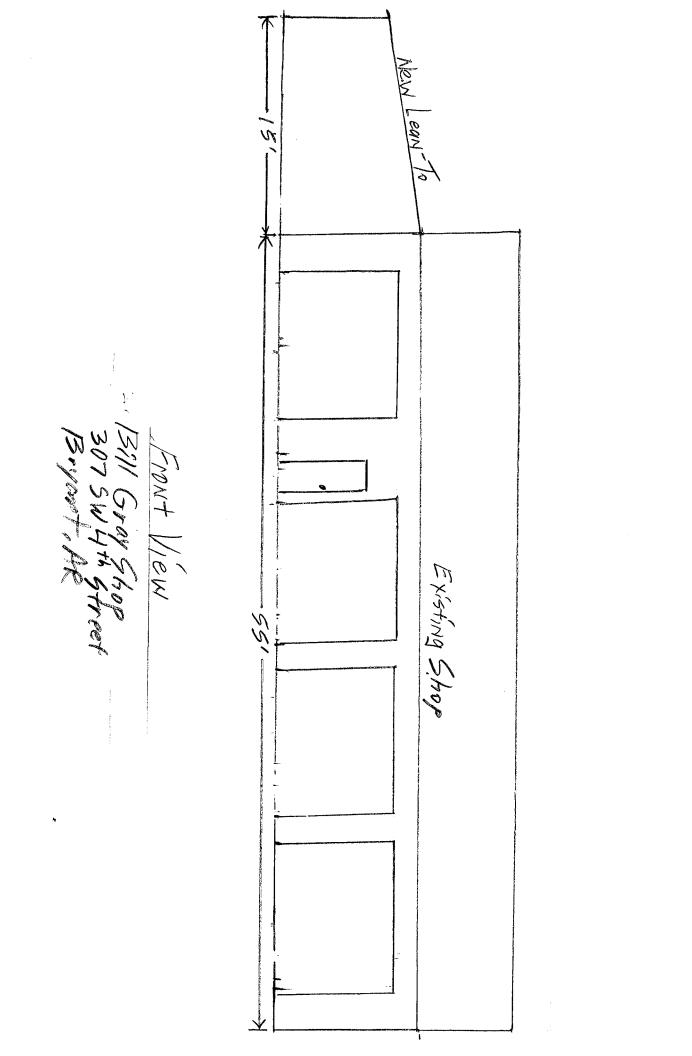
- □ Letter stating request of Conditional Use and reasoning for request
- □ Completed Conditional Use Permit Application
- □ Submit Conditional Use Permit Application Fee (\$125)
- □ Submit Copy of completed Public Notice
- Publication: Public Notice shall be published at least one (1) time fifteen (15) days prior to the public hearing at which the variance will be heard. Once published please provide a proof of publication to the Community Development office.
- Posting of Property: The city shall provide a sign to post on the property involved for the fifteen (15) consecutive days leading up to Public hearing. One (1) sign is required for every two hundred (200) feet of street frontage.
- □ Submit eight (8) Copies of the Development Plan (Site Plan) showing:
 - Location, size, and use of buildings/signs/land or improvements
 - Location, size, and arrangement of driveways and parking. Ingress/Egress
 - Existing topography and proposed grading
 - Proposed and existing lighting
 - Proposed landscaping and screening
 - Use of adjacent properties
 - Scale, North Arrow, Vicinity Map
 - Additional information that may be requested by the administrative official due to unique conditions of the site.

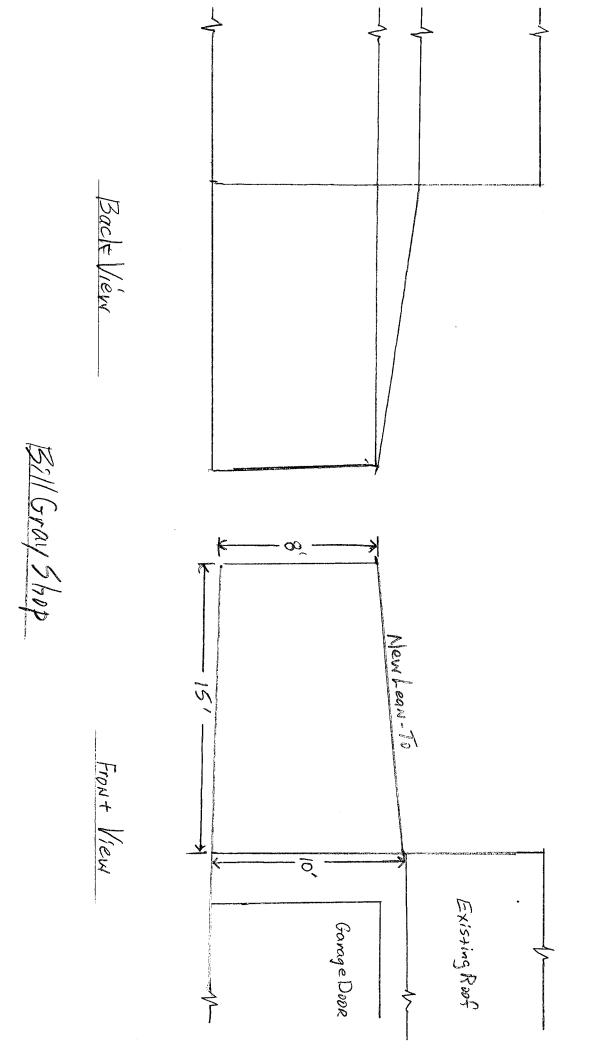
Once the application is received, the material will be reviewed to make sure all the required information is provided. The applicant will be notified if additional information is required. The application will then go before the Development and Review Committee (DRC) for a recommendation to the Planning Commission. A public hearing will be held at this meeting for comments on the Conditional Use. After the public hearing, the Planning Commission will make a decision on the use.

Note: that this is not an exhaustive guideline regarding the Conditional Use Permit Process. Additional information is available in the Bryant Zoning Ordinance.

READ CAREFULLY BEFORE SIGNING

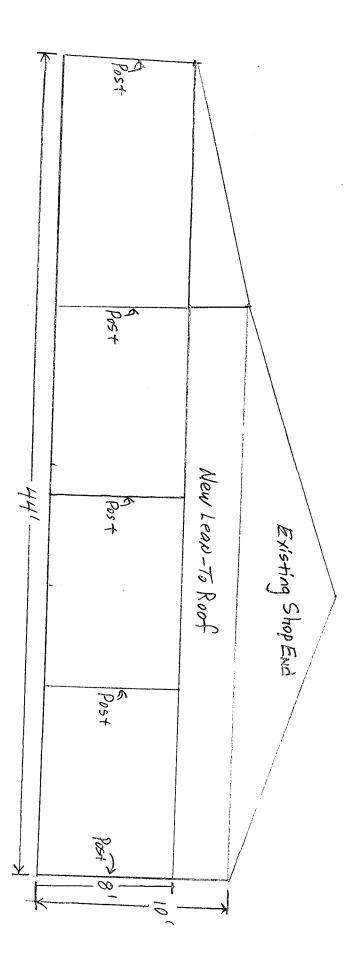
I <u>*MMMM*</u>, do hereby certify that all information contained within this application is true and correct. I further certify that the owner of the property authorizes this proposed application. I understand that I must comply with all City Codes and that it is my responsibility to obtain all necessary permits required.



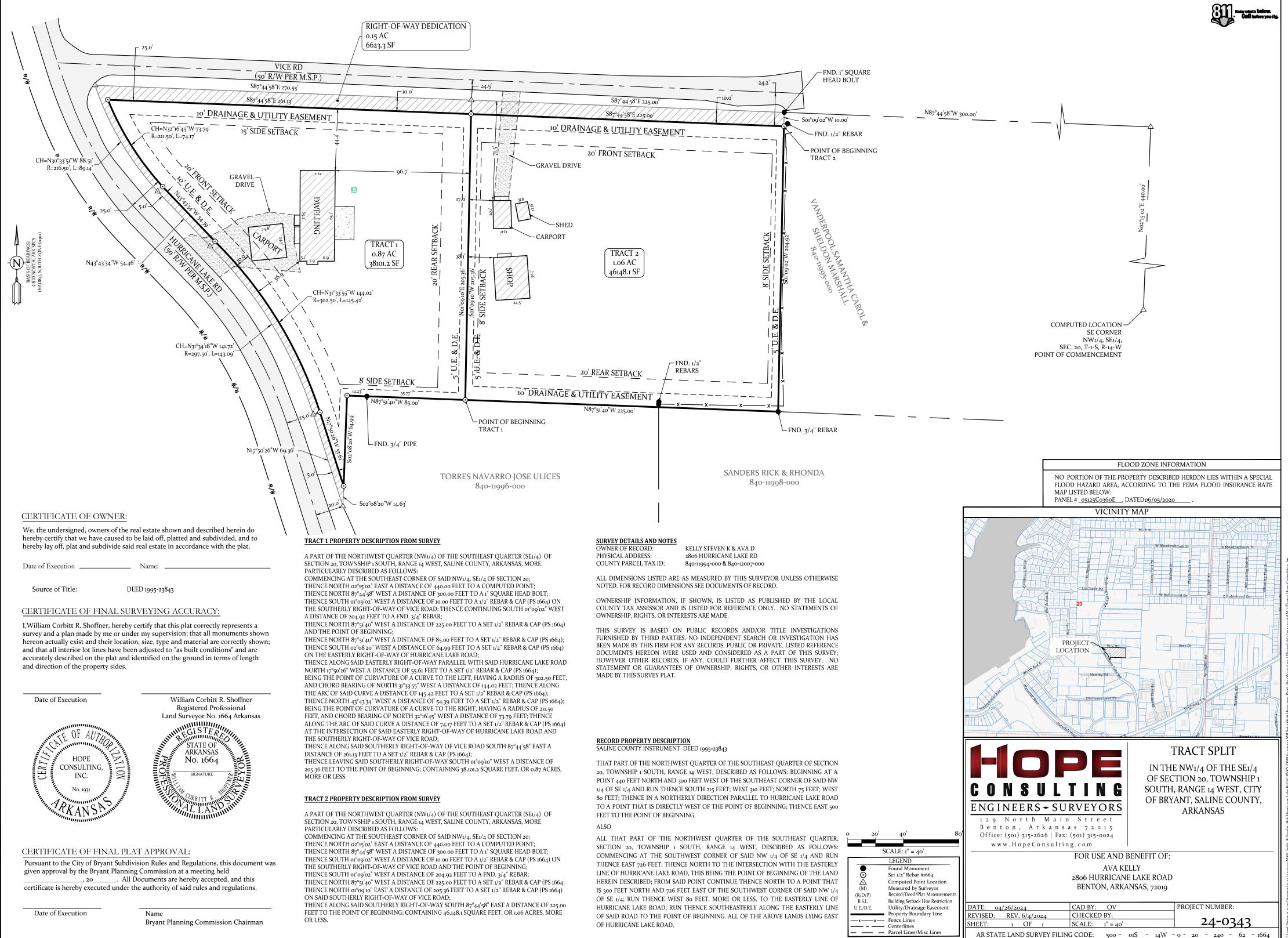


End View Bill Gray Skep

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May 21 2024

Colton Leonard City of Bryant 210 S.W. 3rd Street Bryant, Arkansas 72022

RE: Replat Parcel # 840-11994-000 Hope Job #24-0343

Dear Mr. Leonard,

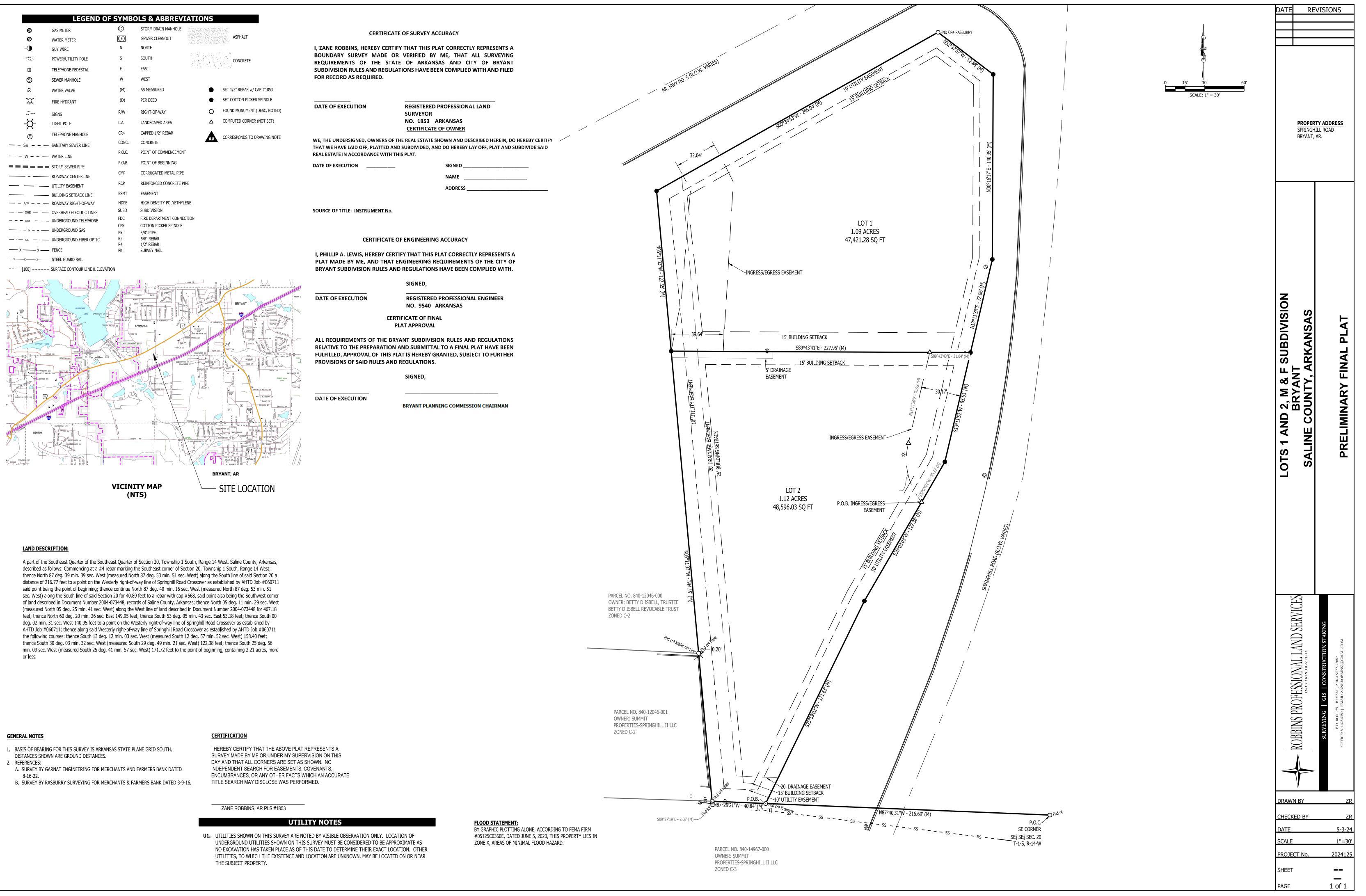
Colton,

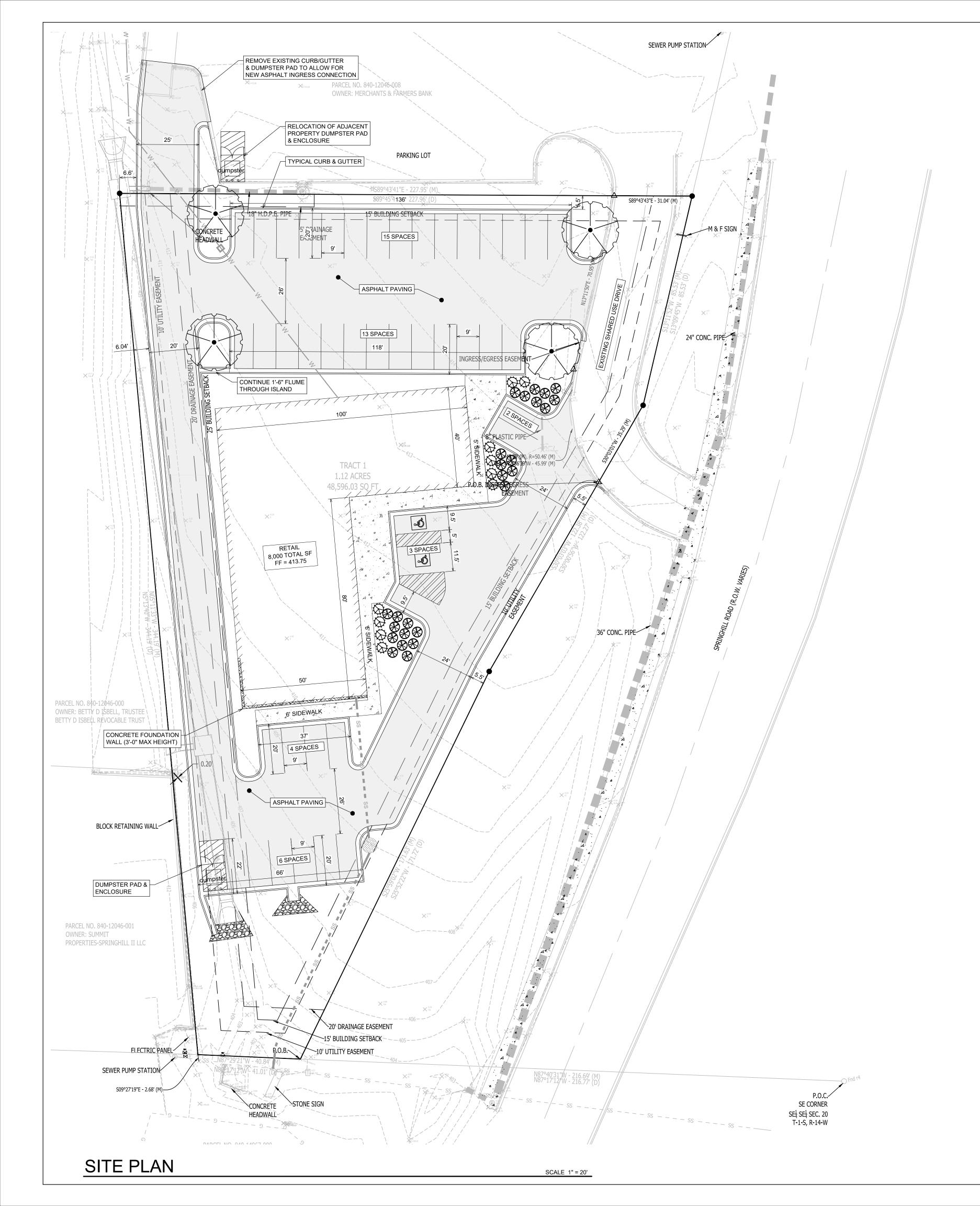
Please find the attached Replat proposed for 2806 Hurricane Lake Road. This 2 acre parcel is being proposed as division into two tracts. The resident in finalizing the septic permit for the additional parcel. Our client Steven and Ava Kelly are currently working through the approval process and we will provide that approval as soon as it is complete.

We look forward to discussing this replat with you further at DRC next week. Thank you for your consideration.

Sincerely,

Jonathan Hope







Vicinity Map SCALE 1" = 500'

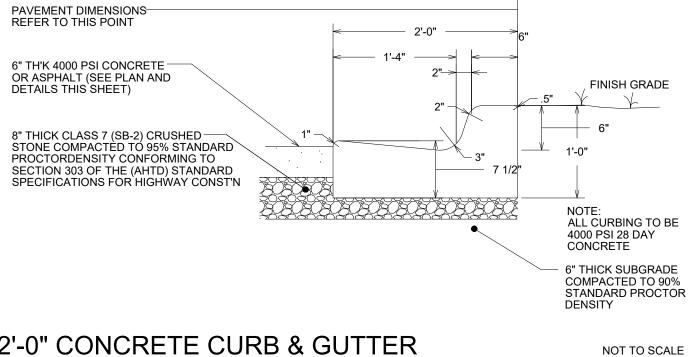
GENERAL SITE NOTES

- TOTAL NEW DEVELOPMENT AREA = (+/-) 1.12 ACRES PROPERTY IS ZONED C-2
- 3. 43 PARKING SPACES PROVIDED INCLUDING 2 ADA ACCESSIBLE PARKING SPACES 4. ALL DIMENSIONS ARE TO THE BACK OF CURB AND/OR EDGE OF PAVEMENT DAMAGE TO PUBLIC AND PRIVATE PROPERTY DUE TO HAULING OPERATIONS OR OPERATIONS OF CONSTRUCTION RELATED EQUIPMENT FROM A CONSTRUCTION SITE SHALL BE REPAIRED BY THE THE RESPONSIBLE PARTY PRIOR TO THE ISSUANCE OF A
- CERTIFICATE OF OCCUPANCY. 6. REPAIR, REPLACE, OR EXTEND EXISTING DAMAGED OR MISSING CURB AND GUTTER, SIDEWALK OR RAMPS WITHIN THE PUBLIC RIGHT OF WAY.
- 7. ALL SIGNAGE, PAVEMENT MARKING AND PARKING LOT STRIPING SHALL CONFORM TO REQUIREMENTS GIVEN IN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). MUTCD REQUIRES THAT PARKING SPACES BE MARKED IN WHITE.

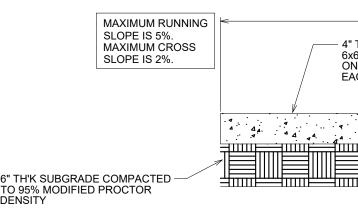
PARKING CALCULATIONS

ZONING = C-2 REQUIREMENT = 1 SPACE PER 200 SQ. FT BUILDING AREA = 8,000 SQ. FT.

TOTAL REQUIRED SPACES = 40 TOTAL PROVIDED SPACES = 43



2'-0" CONCRETE CURB & GUTTER



CONCRETE WALK SECTION

NOTE: 1. ALL SIDEWALK JOINTS TO BE STEEL TROWELED. ALL JOINT EDGES AND SHALL BE SPACED AT 5 FEET ON CENTER MAXIMUM IN ALL DIRECTIONS AND SHALL BE STEEL TROWELED ON A RADIUS NOT TO EXCEED ONE-HALF INCH. 2. CONTRACTOR RESPONSIBLE FOR ENSURING ADA COMPLIANT RUNNING & CROSS SLOPES. SPOT GRADES SHOWN ON ENGINEERING PLANS SHOW BEST INTENT WITH AVAILABLE INFORMATION.

1-1/2" OF ACHM SURFACE COURSE CONFORMING TO SECTION 407 OF THE ARKANSAS DEPARTMENT OF TRANSPORTATION (ARDOT) STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION

REDUCE GRAVEL SURFACE COURSE TO 8" THICK CLASS 7 (SB-2) CRUSHED STONE COMPACTED TO 95% STANDARD PROCTOR DENSITY CONFORMING TO SECTION 303 OF THE ARDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONST'N

6" THICK OF EXISTING SUBGRADE SCARIFIED AND RECOMPACTED TO 90% OF MODIFIED PROCTOR DENSITY (PROOF ROLL PRIOR TO PLACEMENT OF BASE MATERIAL)

HMAC ASPHALT SURFACE COURSE MEDIUM DUTY

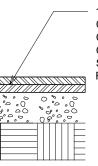
GENERAL CONSTRUCTION NOTES

- A. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR DAMAGES OCCURRING TO ANY PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT. SAID CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT PROPERTY DAMAGE.
- B. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL SOLELY AND COMPLETELY BE RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND WILL NOT BE LIMITED TO NORMAL WORKING HOURS.
- C. THE DUTY OF BRYANT UTILITIES TO CONDUCT CONSTRUCTION INSPECTION REVIEWS OF THE CONTRACTOR'S PERFORMANCE IS NOT AN INSPECTION OR REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE.
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ALL CURBING TO BE 4000 PSI 28 DAY CONCRETE 6" THICK SUBGRADE COMPACTED TO 90% STANDARD PROCTOR DENSITY

-5'-0" (TYPICAL)- 4" THICK CONCRETE REINFORCED W/ 6x6 - W2.1xW2.1 SHEET MESH ONLY ON 2" HI SAND CHAIRS @ 24" O.C., MAX EACH DIRECTION

NOT TO SCALE



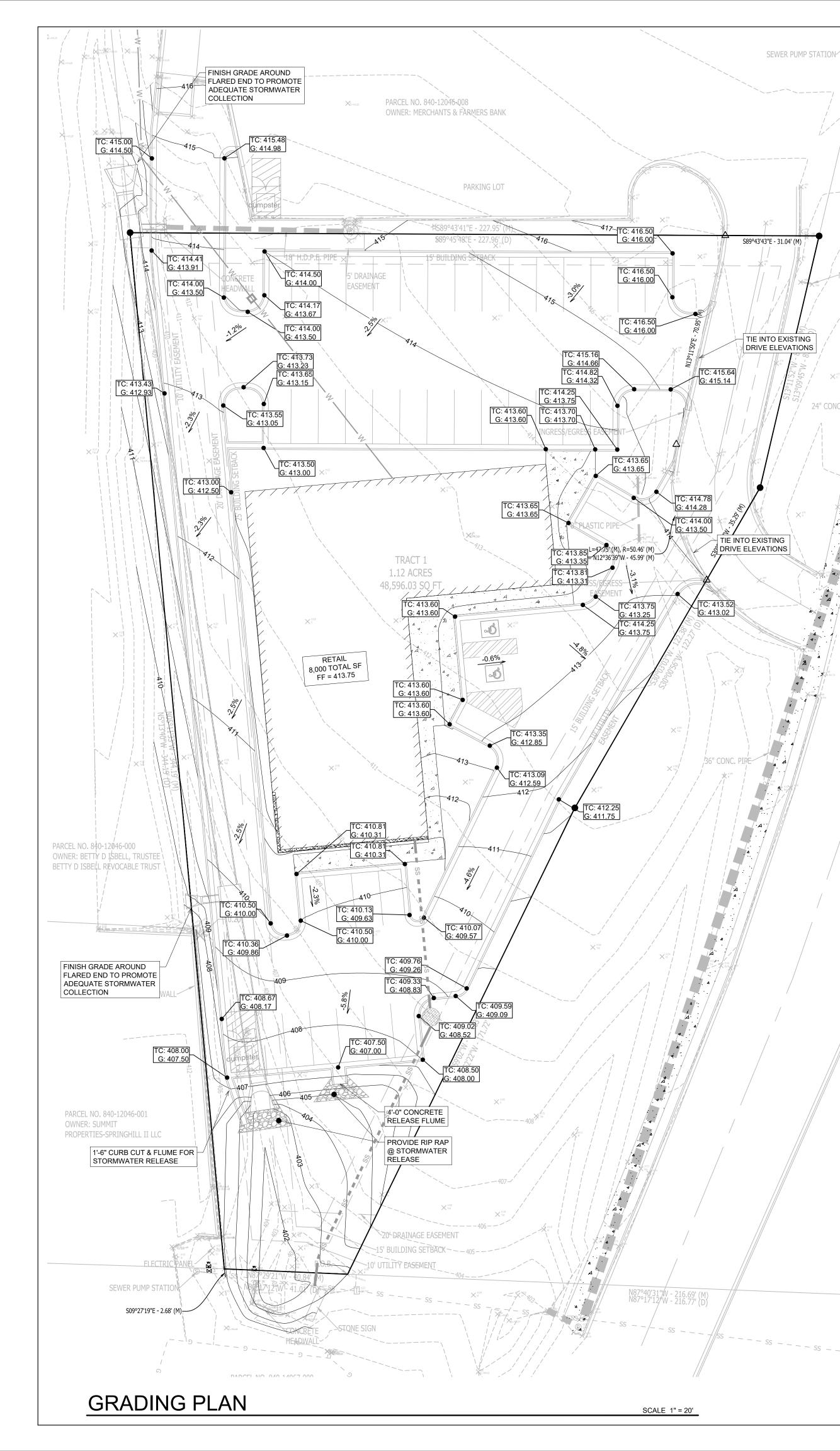
1-1/2" OF ACHM BINDER COURSE CONFORMING TO SECTION 407 OF THE ARKANSAS DEPARTMENT OF TRANSPORTATION (ARDOT) STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION

NOT TO SCALE

1" = 20'-0"

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DHILLIP LEWIS ENGINEERING, INC.	Structural + Civil Consultants 23620 Interstate 30 Bryant, Arkansas PH: 501-350-9840
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SHEET ISSU	UE DATE:)5-22-2024



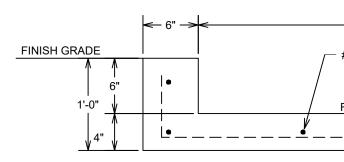
SPOT GRADE LEGEND

TC = TOP OF CURB ELEVATION

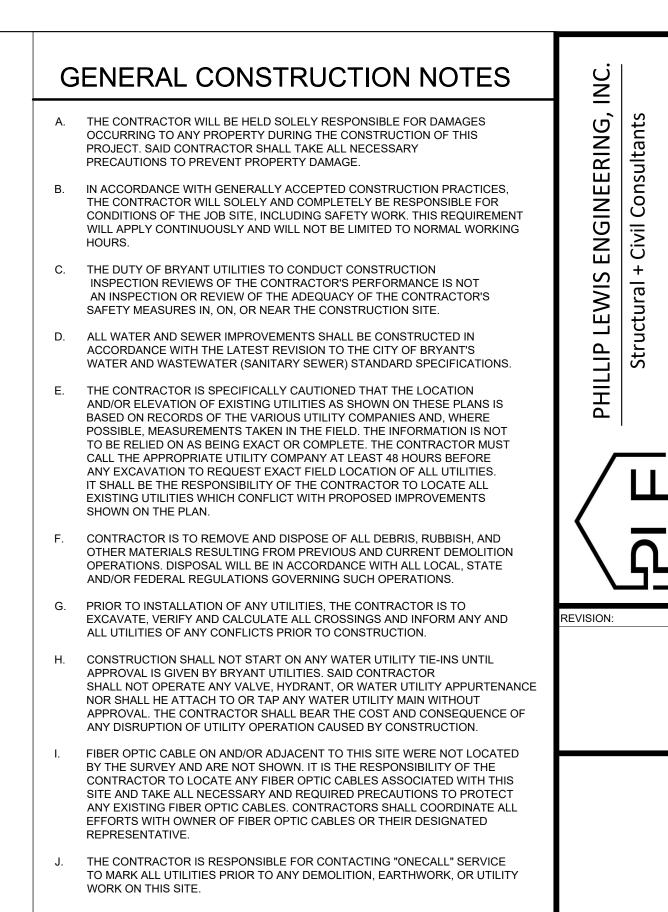
24" CONC. PIP

- G = GUTTER ELEVATION TOC = TOP OF CONCRETE ELEVATION
- FG = FINAL GRADE ELEVATION
- TP = TOP OF PAVEMENT ELEVATION
- EG = EXISTING GRADE ELEVATION

P.O.C./ SE CORNER T-1-S, R-14-W



CONCRETE FLUME DETAIL



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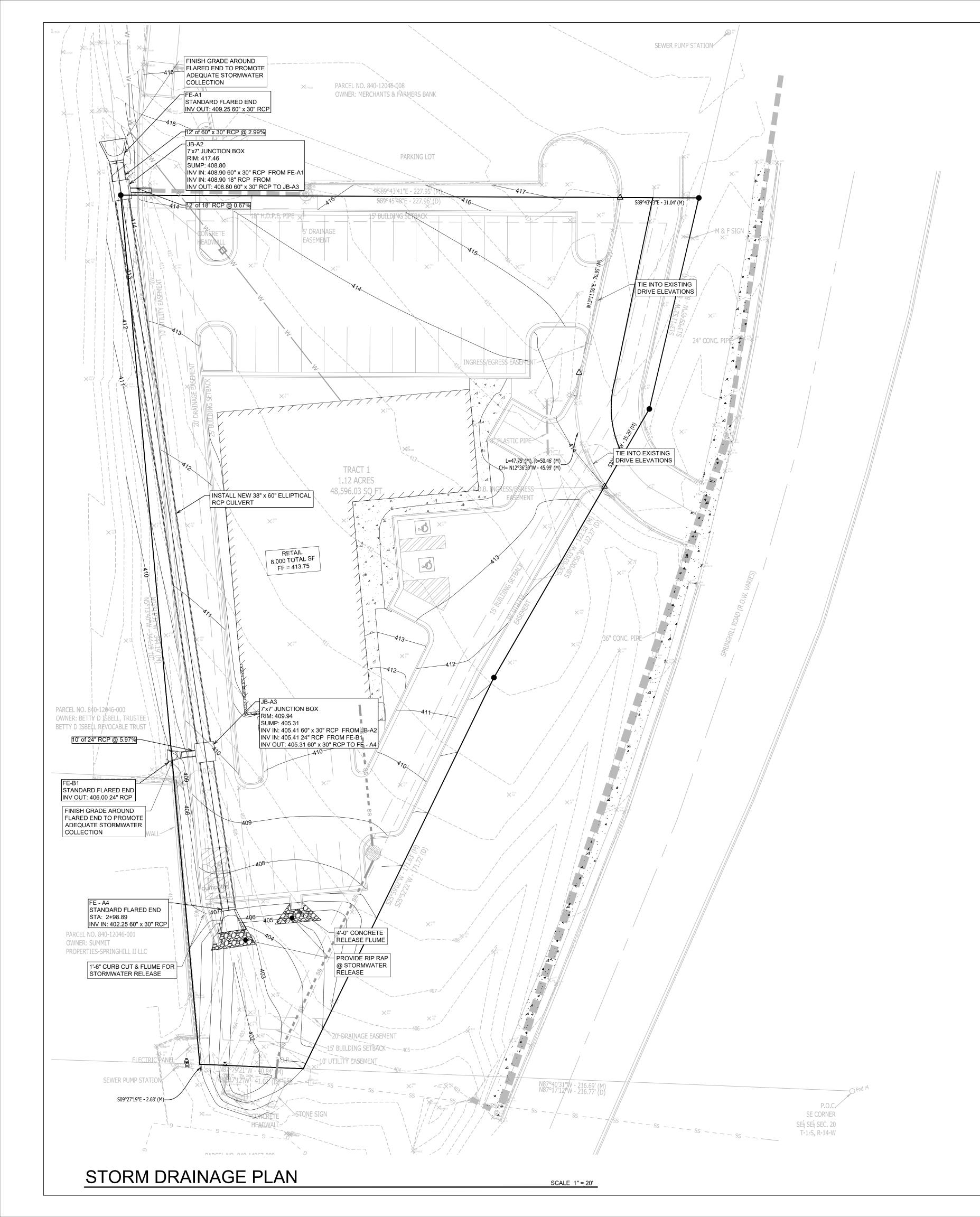
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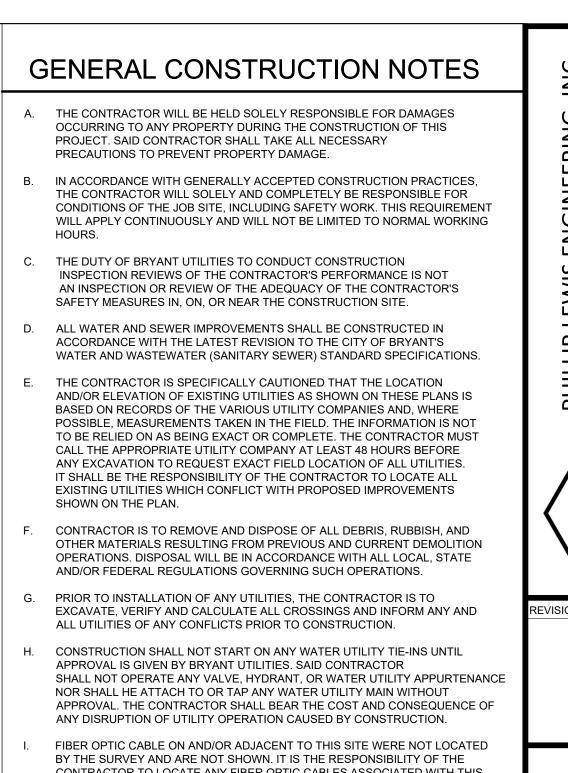
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1" = 20'-0"

- 4'-0">	← 6" ->	
≴3 BARS @ 12" O.C., EACHWAY		FINISH GRADE
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NOT TO SCALE

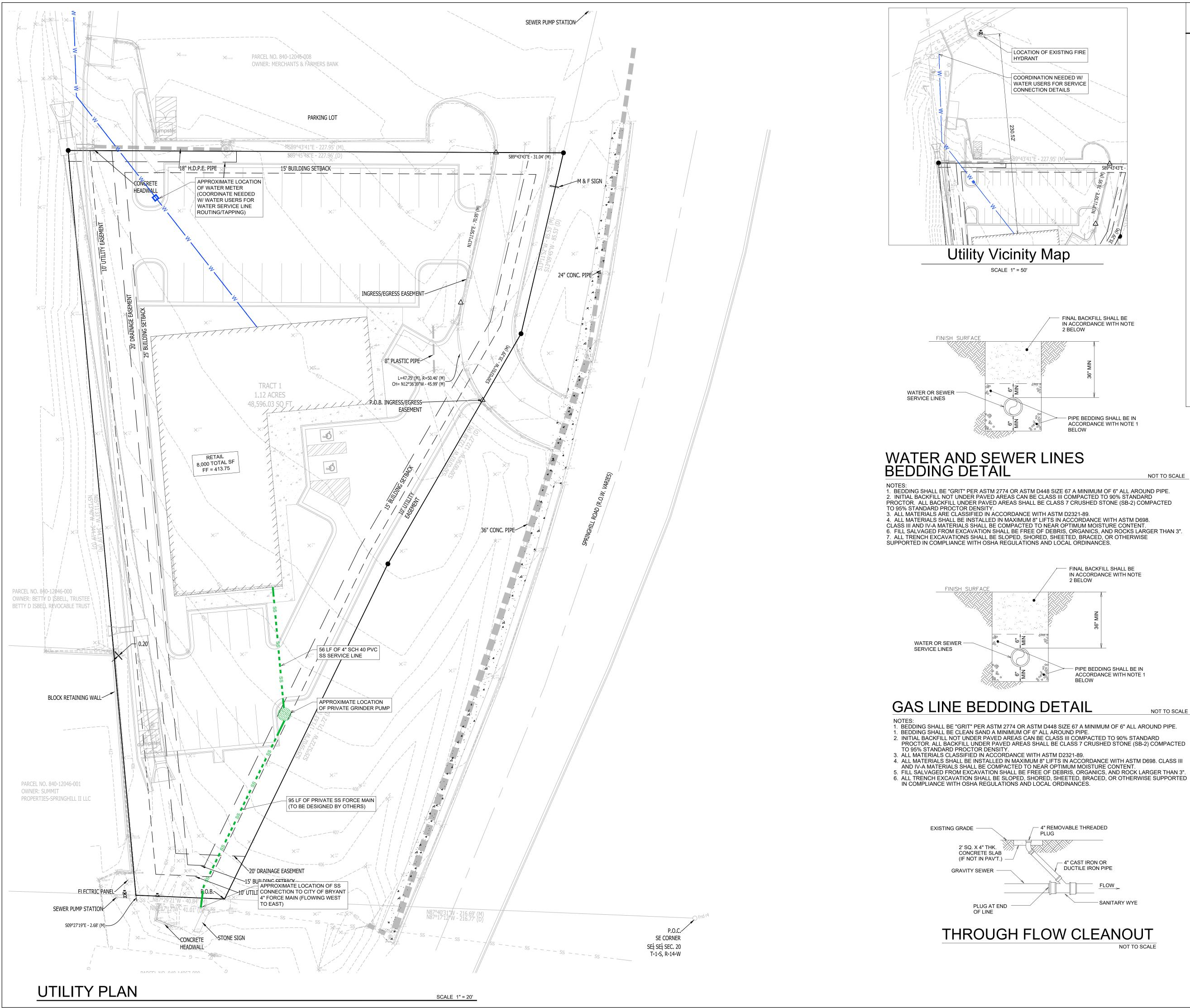




- BY THE SURVEY AND ARE NOT SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY FIBER OPTIC CABLES ASSOCIATED WITH THIS SITE AND TAKE ALL NECESSARY AND REQUIRED PRECAUTIONS TO PROTECT ANY EXISTING FIBER OPTIC CABLES. CONTRACTORS SHALL COORDINATE ALL EFFORTS WITH OWNER OF FIBER OPTIC CABLES OR THEIR DESIGNATED REPRESENTATIVE.
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1" = 20'-0"

BRYANT, A	PROJECT NUMBER: SHEET ISSUE DATE: 05-22-2024		Structural + Civil Consultants	ARKANSAS 23620 Interstate 30 Bryant, Arkansas
	SHEET ISSUE DATE:	SPRINGHILL		BRYANT, ARK



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NOT TO SCALE

GENERAL CONSTRUCTION NOTES

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0 1" = 20'-0"	20'

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GENERAL LANDSCAPING NOTES

 ALL LANDSCAPED AREAS OF THE SITE SHALL BE CONSTRUCTED WITH AN AUTOMATIC SPRINKLER IRRIGATION SYSTEM AS PART OF THE LANDSCAPING SUBCONTRACT.
 GENERAL CONTRACTOR SHALL PROVIDE SCHEDULE 40 PVC SLEEVING 4" OR 6" UNDER ALL DRIVES AND PAVED AREAS FOR IRRIGATION SLEEVING SHALL BE BURIED A MINIMUM OF 18" BELOW GRADE AND THE ENDS OF THE SLEEVES CLEARLY MARKED BY THE GENERAL CONTRACTOR AND SHALL EXTEND OUT A MINIMUM OF 18" PAST ANY CURB OR PAVING.
 PROVIDE 3" DEPTH OF MULCH IN ALL LANDSCAPED ISLANDS AND BEDS LOCATED ALONG THE BUILDING.
 PROVIDE 3" DEPTH OF MULCH AND METAL EDGING FOR LANDSCAPE NOT ADJACENT TO THE BUILDING.
 LANDSCAPED AREAS TO BE AMENDED WITH 4" OF TOPSOIL, SCARIFY SOIL 3" PRIOR TO APPLICATION. ALL TOP SOIL SHALL BE PLACED IN COORDINATION WITH GRADING AND DRAINAGE PLANS TO ENSURE THAT THE GRADING AND DRAINAGE DESIGN FOR THE SITE IS MAINTAINED AFTER BEING SODDED OR SEEDED. EXISTING SOIL FROM THE SITE CAN BE STOCK PILED AND REUSED AS LONG AS IT IS OF QUALITY THAT ENCOURAGES ADEQUATE GROWTH OF PLANTING MATERIAL. THE CONTRACTOR IS RESPONSIBLE FOR ANY SOIL TESTING THAT MAY BE REQUIRED.
 ALL DISTRUBED AREAS ARE TO BE SODDED OR SEEDED, FERTILIZED, AND WATERED.

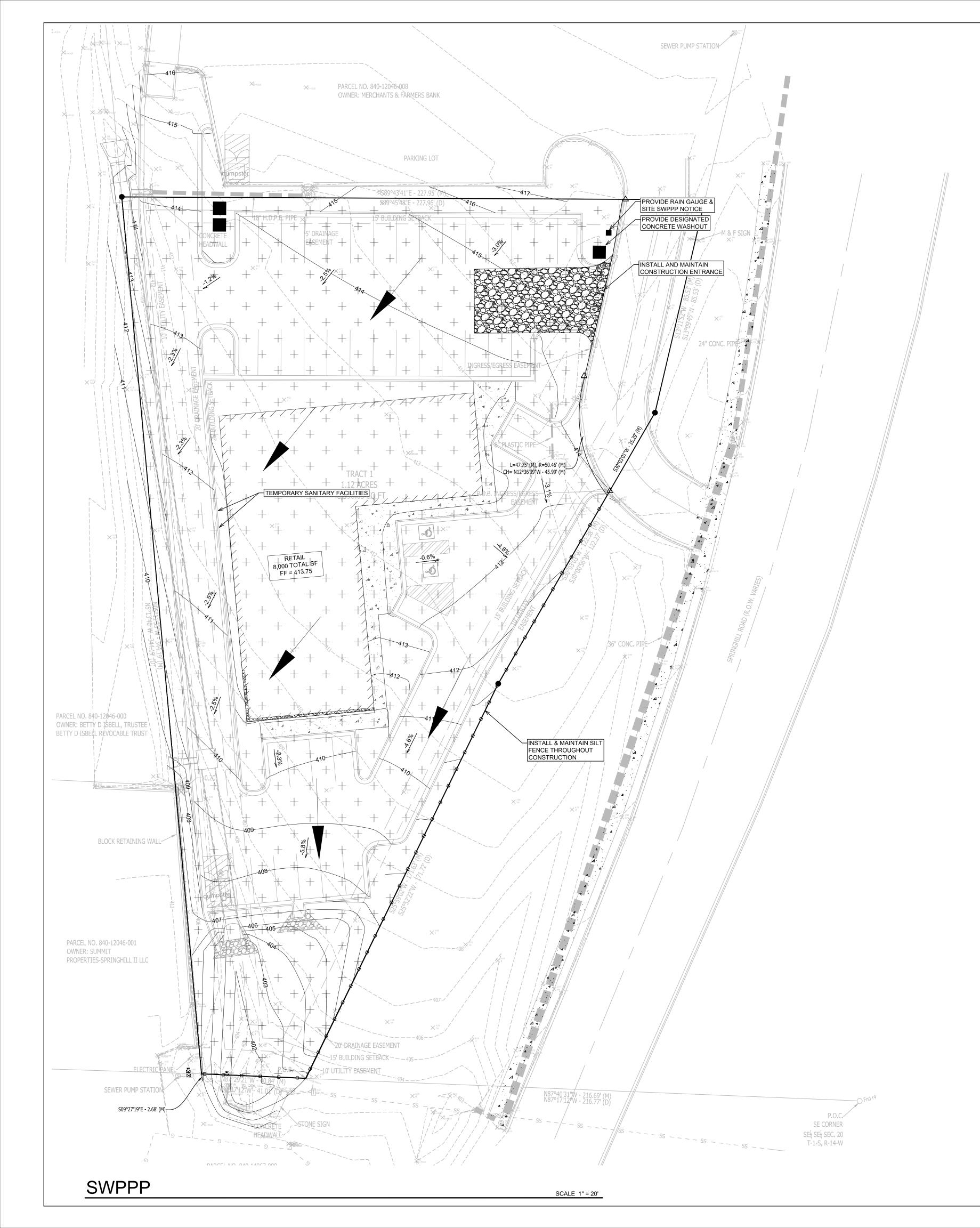
	PLANT SCHEDULE								
PLANT TYPE	SYMBOL	CODE	QTY	COMMON	SCIENTIFIC NAME	CAL / SIZE			
TREES		WO	4	WILLOW OAK	QUERCUS PHELLOS	MIN. 3" DIAMETER @ BASE AND 12' TALL			
SHRUBS	\Diamond	BW	10	BOXWOOD	BUSUS SEMPERVIRENS	5 GAL (MAX 30" TALL AT INSTALLATION)			
GROUND COVER	&	DN	25	DWARF NANDINA	N. DOMESTICA "HARBOUR DWARF"	3 GAL			
BEDDING		MU	1,530	MULCH					
GRASS		MU	10,035	BERMUDA					

GENERAL CONSTRUCTION NOTES

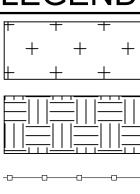
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1" = 20'-0"

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LEGEND



DISTURBED AREA

UNDISTURBED AREA

DRAINAGE DIRECTION

NOTES (GENERAL):

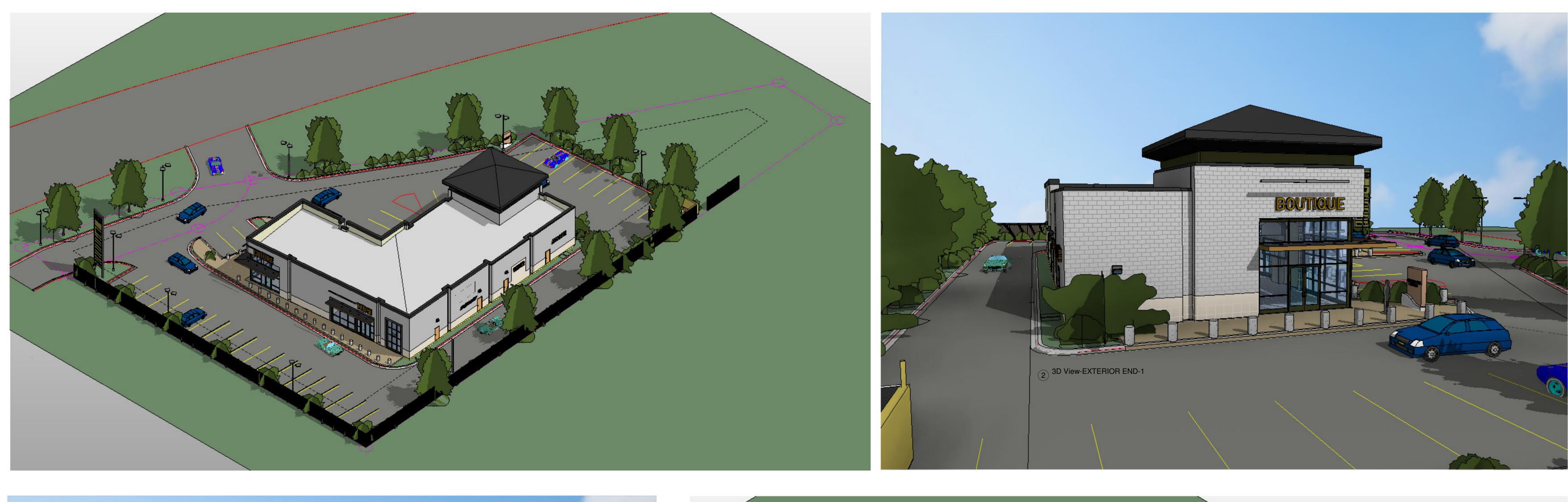
- 1. SEE EROSION CONTROL DETAILS IN SWPPP FOR EROSION CONTROL FACILITIES. SEE SWPPP FOR INSTALLATION, MAINTENANCE, INSPECTION, AND RECORD KEEPING REQUIREMENTS.
- 3. CONTRACTOR SHALL SHOW EROSION CONTROL MEASURE ON SITE MAP. 4. EROSION AND SEDIMENT CONTROL STRUCTURES TO MEET SWPPP DETAILS - APPENDIX D 5. INSTALL ROCK DITCH, CHECK, OR SAND BAG CHECKS AS NECESSARY TO PREVENT SCOUR UNTIL
- LANDSCAPING IS ESTABLISHED. 6. CONTRACTOR MUST PLACE SEDIMENT BASIN WITH SEDIMENT FENCE OUTLET FOR ANY SEDIMENT CONTAMINATED DEWATERING DISCHARGE.
- 7. FINAL SLOPE WILL BE SAME DIRECTION AS EXISTING SLOPE. 8. TEMPORARY STABILIZATION PRACTICES WILL NOT BE REQUIRED. WORK WILL BE CONTINUOUS AND DISTURBED
- AREA REVEGITATED IN A TIMELY MANNER. SEE SWPPP FOR SEEDING MIXES. 9. PERMANENT STABILIZATION OF ALL DISTURBED AREAS ARE TO BE SEEDED, FERTILIZED, WATERED AND COVERED WITH STRAW
- UNLESS OTHERWISE NOTED ON PLANS TO BE HYDROSEEDED. 10. CONTRACTOR TO SHOW CONCRETE WASH OUT SUMP, ENTRANCE/EXIT PAD AND OTHER CONTROLS AS REQUIRED/NEEDED AS SWPPP
- SITE MAP IS UPDATED THROUGHOUT THE DURATION OF THE PROJECT. STOCKPILING OF CONSTRUCTION SPOIL MATERIAL AT PARTICULAR LOCATIONS SHALL ONLY BE ALLOWED FOR A LIMITED TIME PERIOD, NOT TO EXCEED (6) MONTHS. PRIOR TO A FINAL INSPECTION OF THE GRADING PERMIT, THE FOLLOWING STANDARDS SHALL BE ACHIEVED FOR COMPLETION OF CONSTRUCTION:
- COMMISSION, AND b) THE DISTURBED SOIL AREA IS OBSERVED TO HAVE 80% GRASS COVERAGE AND 100% STABILITY, AND c) NO SLOPES STEEPER THAN A 3:1 PITCH UNLESS OTHERWISE APPROVED IN WRITING BY THE DIRECTOR OF ENGINEERING, AND d) NOTICE OF VIOLATIONS ISSUED HAVE ALL CORRECTIVE ACTIONS APPROVED WITH AN INSPECTION REPORT SIGNED BY A REPRESENTATIVE
- OF THE DIRECTOR OF ENGINEERING, AND e) ALL HEAVY EQUIPMENT, STOCKPILES, AND CONSTRUCTION SITE MATERIALS HAVE BEEN REMOVED FROM THE CONSTRUCTION SITE.

a) DEVELOPMENT AND GRADING WITHIN THE DISTURBED AREA IS COMPLETE AND MATCHES PLANS AS APPROVED BY THE PLANNING

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1" = 20'-0"

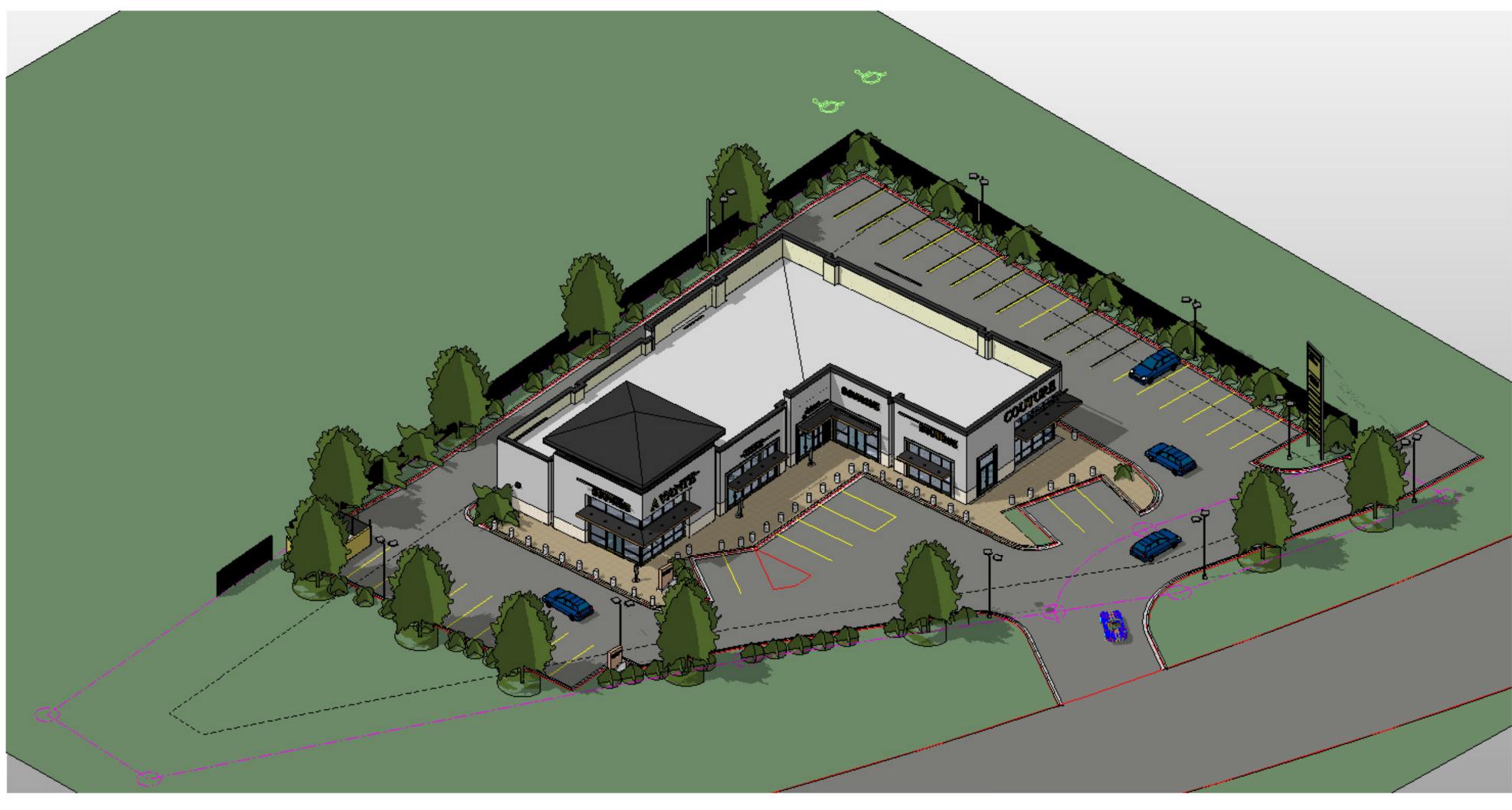






5 3D -EXTERIOR FRONT-8





ENGINEERING DOCUMENTS FOR DETAILED GRADING AND DRAINAGE OF THIS AREA OF THE SITE WILL BE SUBMITTED BY ARKANSAS REGISTERED CIVIL ENGINEERS.

6 Section 3 1/8" = 1'-0"

	REGISTICI ARCHITE NO. C-2	2024	and an
A NEW PROPOSED COMMERCIAL DEVELOPMENT	FOR SUMMERWOOD PARTNERS	HWY 5 AND SPRINGHILL AREA BRYANT, ARKANSAS	
andrew hicks architect		600 N Mission Blvd. Fayetteville, Arkansas 72701 www.andrewhicksarchitect.com	
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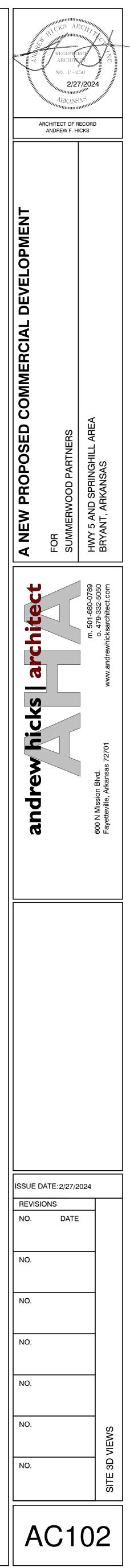






2 3D View-EXTERIOR FRONT-1

3 3D View-EXTERIOR FRONT-5





1 3D View-EXTERIOR FRONT-3



2 3D VIEW-EXTERIOR REAR-2



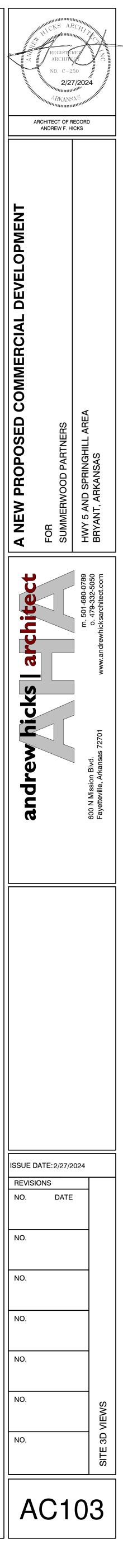




SOUTH ELEVATION-SPRING HILL (4) CENTER 3/32" = 1'-0"

ENGINEERING DOCUMENTS FOR DETAILED GRADING AND DRAINAGE OF THIS AREA OF THE SITE WILL BE SUBMITTED BY ARKANSAS REGISTERED CIVIL ENGINEERS.





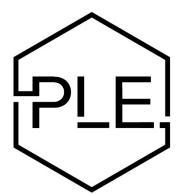
SPRINGHILL RETAIL DRAINAGE NARRATIVE

Date: 05-21-2024

Located in: Bryant, Arkansas

Prepared for: City of Bryant, Arkansas

Prepared by:



PHILLIP LEWIS ENGINEERING

Structural + Civil Consultants

23620 Interstate 30 | Bryant, AR PH: 501-350-9840

CERTIFICATION

I hereby state that this Final Drainage has been prepared by me or under my supervision and meets the standard of care and expertise which is usual and customary in this community of professional engineers. The analysis has been prepared utilizing procedures and practices by the City of Bryant and within the standard accepted practices.

Phillip A. Lewis, PE.



DATE: 05-21-2024

PROJECT LOCATION MAP



DESCRIPTION OF PROPERTY

The proposed project is for the consruction of a retail center located on Springhill Road, south of the existing Merchants & Farmers Bank. The proposed development if for a 8,000 square foot building.

The intent of this drainage analysis is to evaluate the current drainage conditions coming through the site and adequately address the drainage increase created by this development.

The existing ground coverage for the entire development drainage basin consisted of poor condition grass, less than 50% covered.

According to FEMA Flood Insurance Rate Map, Panel 05125C0360E, this property lies within Zone X, areas determined to be outside the 0.2% annual chance floodplain. A copy of the map can be found in the appendix.

DRAINAGE OBSERVATIONS

On May 16th 2024, member of Phillip Lewis Engineering and The City of Bryant Stormwater Division met onsite to discuss current stormwater condition revolving around this site and the intended solutions going forward. The existing conditions are listed below:

- A 42" RCP culvert is located north of the proposed site, discharging stormwater from the Highway 5 storm sewer system. This discharge travels along the western edge of this project site.
- The existing Merchants & Farmers Bank has a 18" culvert discharging within this ditch flow line, located at the NW corner of this site.
- Roof and yard runoff from both wester adjacent property also discharge into this drainage ditch at various locations
- Downstream there is an existing "ponding area" throttle by (1) 24" culvert with an additional ARDOT 24" culvert to the east within the ARDOT right of way
- Existing ponding area located at the south corner of this site is approximately 8,000 to 9,000 cubic feet.
- Existing site conditions for this project is little to no grass cover, mainly clay ground cover with obvious signs of existing ground runoff.

PROPOSED DRAINAGE SOLUTIONS

After speaking with the Bryant Stormwater team, the below listed solutions have been designed. The main intent is to create more "ponding area" along the south of this project site to increase the "regional detention" volume that is located within this area.

- A 38" x 60" elliptical RCP culvert is proposed along the west property line to relay stormwater through the site without an open ditch.
- The capture and release of this culvert will be through standard flared end sections.
- The south pond area will be excavated and incresed to 11,000 cubic feet.
- The 2,000 to 3,000 cubit feet of volume increase will account for the 1,500 cubic feet of volume increase caused by the development of this facility. This increase if shown in the attached hydrographs
- The existing 24" CMP culvert will remain as the "outlet control structure", and the existing ARDOT 24" RCP culvert will aid as an overflow oulet.
- The existing curb cut at elevation 405.69' will serve as an overflow spillway if water is to rise that high or if outlet clogging occures.
- The 18" culvert from M&F Bank will be tied into the new elliptical culvert with a 7' junction box.
- The western property runoff will be captured and collected into the elliptical culvert through a 24" RCP culvert and tied in with a 7' junction box.

The Springhill Retail pre-development hydrographs are shown in the attached, along with an overall approximate look at post-developed conditions. General assumptions were made for off-site stormwater conditions.

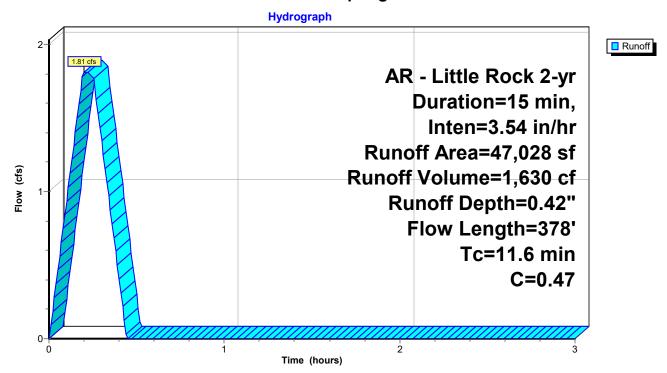
PRE DEVELOPMENT HYDROGRAPHS

POST DEVELOPMENT HYDROGRAPHS

Runoff = 1.81 cfs @ 0.20 hrs, Volume= 1,630 cf, Depth= 0.42"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 2-yr Duration=15 min, Inten=3.54 in/hr

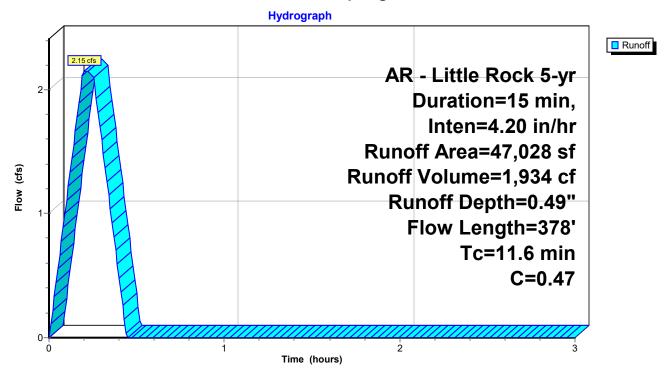
A	rea (sf)	С	Descriptior	า	
	1,511	0.86	Existing Dr	ive	
	45,517	0.46	Poor Cond	ition Grass	< 50%
	47,028	0.47	Weighted /	Average	
	47,028		100.00% P	Pervious Are	ea
Тс	Length	Slope		Capacity	Description
(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
9.6	185	0.0510	0.32		Sheet Flow, Overland Flow
					Grass: Short
2.0	193	0.0110	1.57		Shallow Concentrated Flow, Open Channel
					Grassed Waterway Kv= 15.0 fps
11.6	378	Total			



Runoff = 2.15 cfs @ 0.20 hrs, Volume= 1,934 cf, Depth= 0.49"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 5-yr Duration=15 min, Inten=4.20 in/hr

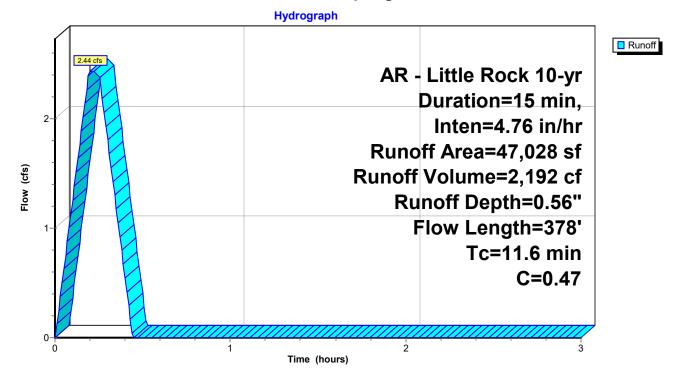
A	rea (sf)	С	Descriptior	า	
	1,511	0.86	Existing Dr	ive	
	45,517	0.46	Poor Cond	ition Grass	< 50%
	47,028	0.47	Weighted /		
	47,028		100.00% P	Pervious Are	ea
_					
Tc	Length	Slope		Capacity	Description
(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
9.6	185	0.0510	0.32		Sheet Flow, Overland Flow
					Grass: Short n= 0.150 P2= 4.19"
2.0	193	0.0110	1.57		Shallow Concentrated Flow, Open Channel
					Grassed Waterway Kv= 15.0 fps
11.6	378	Total			



Runoff = 2.44 cfs @ 0.20 hrs, Volume= 2,192 cf, Depth= 0.56"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 10-yr Duration=15 min, Inten=4.76 in/hr

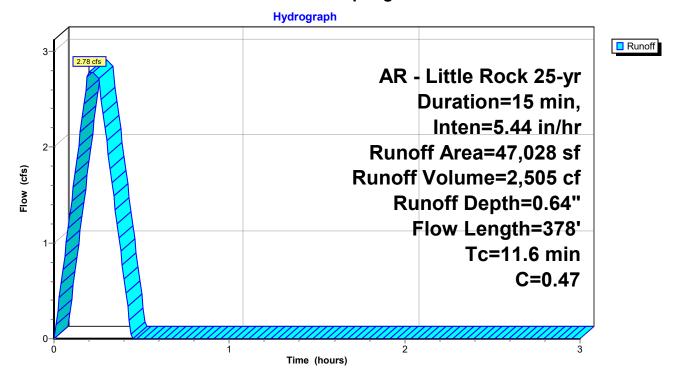
A	rea (sf)	С	Descriptior	า	
	1,511	0.86	Existing Dr	ive	
	45,517	0.46	Poor Cond	ition Grass	< 50%
	47,028	0.47	Weighted A	Average	
	47,028		100.00% P	Pervious Are	ea
Tc	Length	Slope		Capacity	Description
(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
9.6	185	0.0510	0.32		Sheet Flow, Overland Flow
					Grass: Short n= 0.150 P2= 4.19"
2.0	193	0.0110	1.57		Shallow Concentrated Flow, Open Channel
					Grassed Waterway Kv= 15.0 fps
11.6	378	Total			



Runoff = 2.78 cfs @ 0.20 hrs, Volume= 2,505 cf, Depth= 0.64"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 25-yr Duration=15 min, Inten=5.44 in/hr

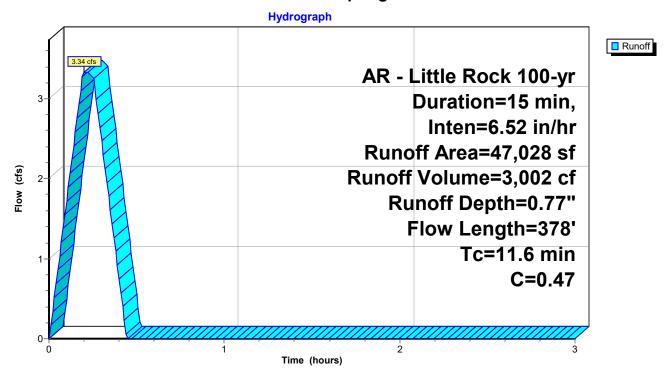
A	rea (sf)	С	Descriptior	า	
	1,511	0.86	Existing Dr	ive	
	45,517	0.46	Poor Cond	ition Grass	< 50%
	47,028	0.47	Weighted /	Average	
	47,028		100.00% P	ervious Are	ea
Tc	Length	Slope		Capacity	Description
(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
9.6	185	0.0510	0.32		Sheet Flow, Overland Flow
					Grass: Short n= 0.150 P2= 4.19"
2.0	193	0.0110	1.57		Shallow Concentrated Flow, Open Channel
					Grassed Waterway Kv= 15.0 fps
11.6	378	Total			

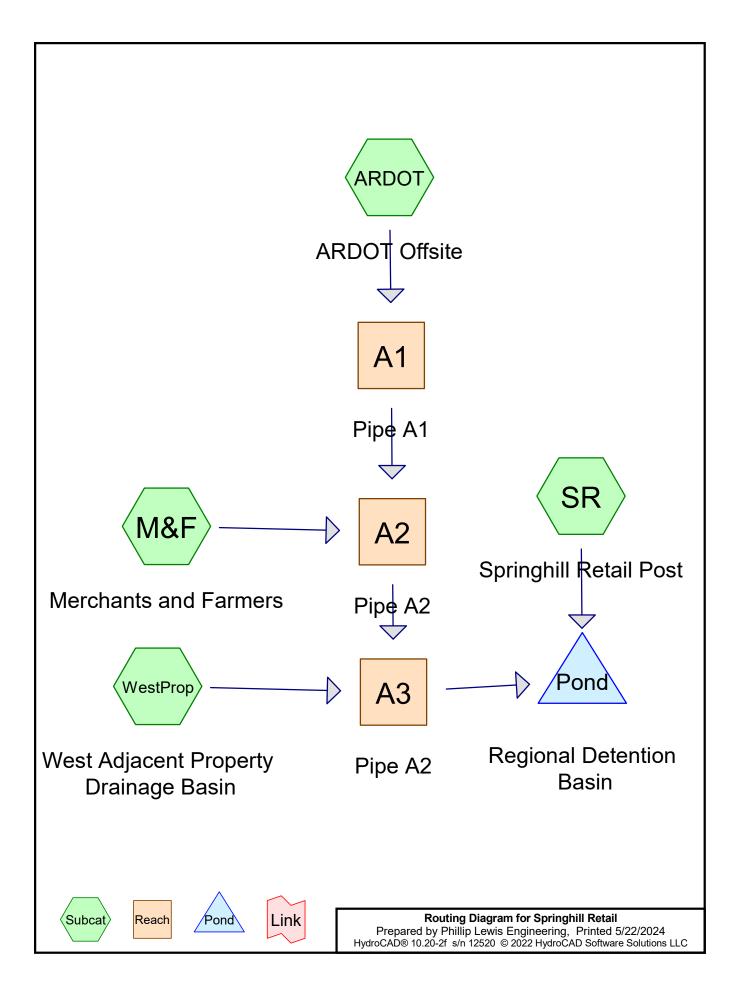


Runoff = 3.34 cfs @ 0.20 hrs, Volume= 3,002 cf, Depth= 0.77"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 100-yr Duration=15 min, Inten=6.52 in/hr

A	rea (sf)	С	Descriptior	า	
	1,511	0.86	Existing Dr	ive	
	45,517	0.46	Poor Cond	ition Grass	< 50%
	47,028	0.47	Weighted /		
	47,028		100.00% P	Pervious Are	ea
_					
Tc	Length	Slope		Capacity	Description
(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
9.6	185	0.0510	0.32		Sheet Flow, Overland Flow
					Grass: Short n= 0.150 P2= 4.19"
2.0	193	0.0110	1.57		Shallow Concentrated Flow, Open Channel
					Grassed Waterway Kv= 15.0 fps
11.6	378	Total			





Summary for Subcatchment ARDOT: ARDOT Offsite

Runoff = 28.73 cfs @ 0.25 hrs, Volume= 25,854 cf, Depth= 0.27" Routed to Reach A1 : Pipe A1

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 2-yr Duration=15 min, Inten=3.54 in/hr

1,1	rea (sf) <u>68,524</u> 68,524 Length (feet)	C 0.60 Slope (ft/ft			ea Description		
30.0	(1001)	(10/10) (10000)	(00)	Direct Entry,		
			Subca	atchment	ARDOT: ARDO	OT Offsite	
				Hydro	ograph		
32 30 28 24 24 22 10 18 16 16 14	28.73 cfs				Runoff Runoff	R - Little Rock 2-yr Duration=15 min, Inten=3.54 in/hr Area=1,168,524 sf Volume=25,854 cf	Runoff
юн 14 12- 10-					R	unoff Depth=0.27" Tc=30.0 min C=0.60	
8 6 4 2							
	, ,		<u>/////////////////////////////////////</u>	Time	e (hours)	3	

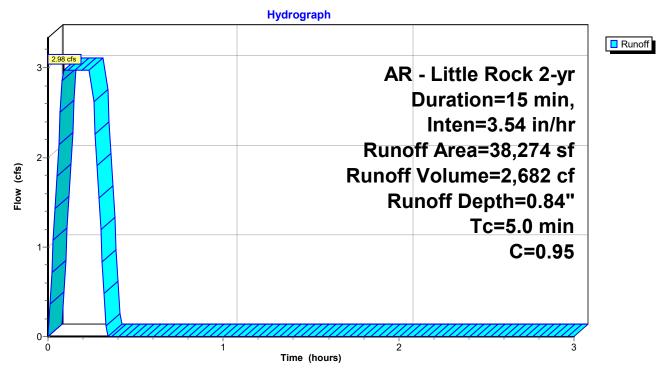
Summary for Subcatchment M&F: Merchants and Farmers

Runoff = 2.98 cfs @ 0.09 hrs, Volume= 2,682 cf, Depth= 0.84" Routed to Reach A2 : Pipe A2

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 2-yr Duration=15 min, Inten=3.54 in/hr

A	rea (sf)	С	Descriptior	1				
	38,274	0.95	Developed Site					
	38,274		100.00% Ir	npervious A	Area			
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description			
5.0	(1001)	(1010)	(18300)	(013)	Direct Entry,			

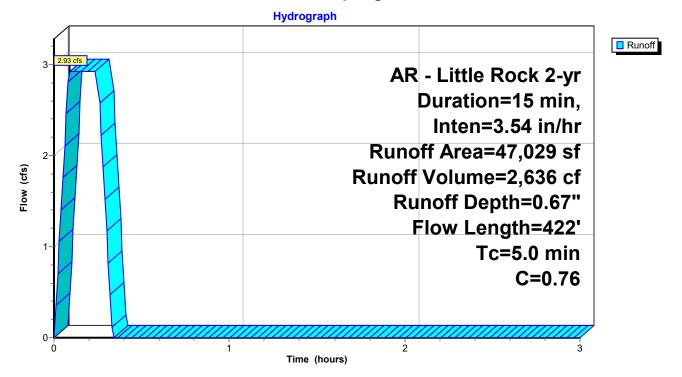
Subcatchment M&F: Merchants and Farmers



Runoff	=	2.93 cfs @	0.09 hrs, Volume=	2,636 cf,	Depth= 0.67"
Routed	I to Pone	d Pond : Regio	nal Detention Basin		

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 2-yr Duration=15 min, Inten=3.54 in/hr

A	vrea (sf)	С	Descriptior	า	
	1,511	0.86	Existing Dr	ive	
	33,632	0.92	Drives, Ro	of, Sidewall	ks
	11,886	0.30	Landscape	d Areas	
	47,029		Weighted /		
	47,029		100.00% P	ervious Are	ea
-		0		o	
Tc	Length	Slope	•	Capacity	Description
(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
0.8	82	0.0290	1.76		Sheet Flow, Asphalt Sheet Flow
					Smooth surfaces n= 0.011 P2= 4.19"
0.8	87	0.0080	1.82		Shallow Concentrated Flow, Gutter
0.4	40	0 00 4 0	0.04		Paved Kv= 20.3 fps
0.1	19	0.0210	2.94		Shallow Concentrated Flow, Concentrated Pavement Flow
1.0	107	0.0050	2.04		Paved Kv= 20.3 fps
1.0	197	0.0250	3.21		Shallow Concentrated Flow, Gutter
0.3	37	0.0130	2.31		Paved Kv= 20.3 fps
0.5	57	0.0130	2.31		Shallow Concentrated Flow, Gutter
2.0					Paved Kv= 20.3 fps Direct Entry, Minimum adjustment
-	400	T . 4 . 1			Direct Litty, Minimum aujustinent
5.0	422	Total			



Subcatchment SR: Springhill Retail Post

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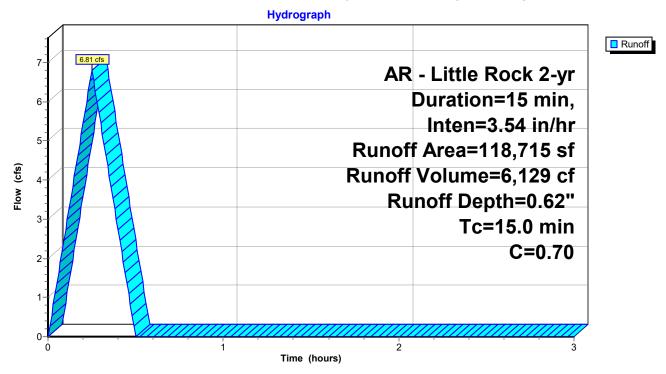
Summary for Subcatchment WestProp: West Adjacent Property Drainage Basin

Runoff = 6.81 cfs @ 0.25 hrs, Volume= Routed to Reach A3 : Pipe A2 6,129 cf, Depth= 0.62"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 2-yr Duration=15 min, Inten=3.54 in/hr

^	<u>rea (sf)</u> 65,063	<u> </u>	Description Pervious A		
	53,652		Rooftop/Pa		
1	18,715		Weighted A	•	
	65,063 54.81% Pervious Area				
	53,652		45.19% Im	pervious Ar	rea
Тс	Length	Slope	,	Capacity	Description
Tc (min)	Length (feet)	Slope (ft/ft)	,	Capacity (cfs)	Description

Subcatchment WestProp: West Adjacent Property Drainage Basin



Summary for Reach A1: Pipe A1

 Inflow Area =
 1,168,524 sf,
 0.00% Impervious, Inflow Depth =
 0.27" for 2-yr event

 Inflow =
 28.73 cfs @
 0.25 hrs, Volume=
 25,854 cf

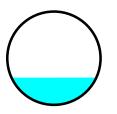
 Outflow =
 28.67 cfs @
 0.25 hrs, Volume=
 25,855 cf, Atten= 0%, Lag= 0.0 min

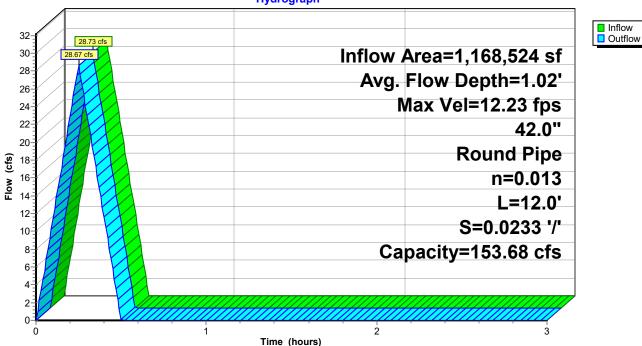
 Routed to Reach A2 : Pipe A2
 Pipe A2
 25,855 cf, Atten= 0%, Lag= 0.0 min

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 12.23 fps, Min. Travel Time= 0.0 min Avg. Velocity = 9.46 fps, Avg. Travel Time= 0.0 min

Peak Storage= 28 cf @ 0.25 hrs Average Depth at Peak Storage= 1.02', Surface Width= 3.18' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 153.68 cfs

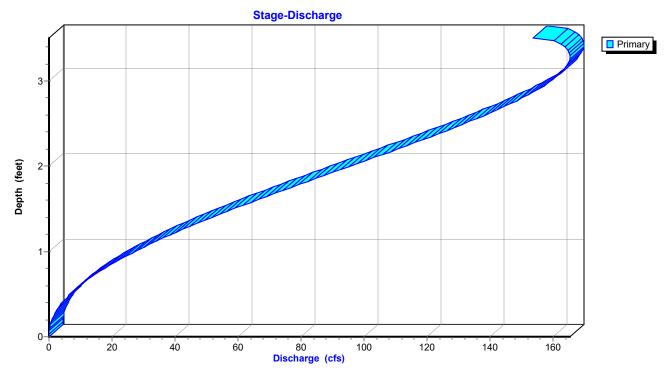
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 12.0' Slope= 0.0233 '/' Inlet Invert= 413.00', Outlet Invert= 412.72'





Reach A1: Pipe A1

Hydrograph



Reach A1: Pipe A1

Printed 5/22/2024

Springhill Retail

Prepared by Phillip Lewis	s Engineering	-
HydroCAD® 10.20-2f s/n 12	2520 © 2022 HydroCAD Softwa	are Solutions LLC

Stage-Area-Storage for Reach A1: Pipe A1

F 1 (*		01			01
	End-Area	Storage		End-Area	Storage
(feet)	(sq-ft)	(cubic-feet)	(feet)	(sq-ft)	(cubic-feet)
413.00	0.0	0	415.60	7.7	92
413.05	0.0	0	415.65	7.8	94
413.10	0.1	1	415.70	8.0	96
413.15	0.1	2	415.75	8.1	97
413.20	0.2	3	415.80	8.3	99
413.25	0.3	4	415.85	8.4	101
413.30	0.4	5	415.90	8.5	102
413.35	0.5	6	415.95	8.7	104
413.40	0.6	7	416.00	8.8	105
413.45	0.7	9	416.05	8.9	107
413.50	0.8	10	416.10	9.0	108
413.55	1.0	12	416.15	9.1	109
413.60	1.1	13	416.20	9.2	111
413.65	1.2	15	416.25	9.3	112
413.70	1.4	16	416.30	9.4	113
413.75	1.5	18	416.35	9.5	114
413.80	1.7	20	416.40	9.5	115
413.85	1.8	22	416.45	9.6	115
413.90	2.0	23	416.50	9.6	115
413.95	2.1	25			
414.00	2.3	27			
414.05	2.4	29			
414.10	2.6	31			
414.15	2.8	33			
414.20	2.9	35			
414.25	3.1	37			
414.30	3.3	39			
414.35	3.4	41			
414.40	3.6	43			
414.45	3.8	45			
414.50	3.9	47			
414.55	4.1	49			
414.60	4.3	51			
414.65	4.5	54			
414.70	4.6	56			
414.75	4.8	58			
414.80	5.0	60			
414.85	5.2	62			
414.90	5.3	64			
414.95	5.5	66			
415.00	5.7	68			
415.05	5.9	70			
415.10	6.0	72			
415.15	6.2	74			
415.20	6.4	76			
415.25	6.5	78			
415.30	6.7	80			
415.35	6.9	82			
415.40	7.0	84			
415.45	7.2	86			
415.50	7.4	88			
415.55	7.5	90			

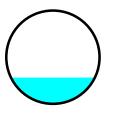
Summary for Reach A2: Pipe A2

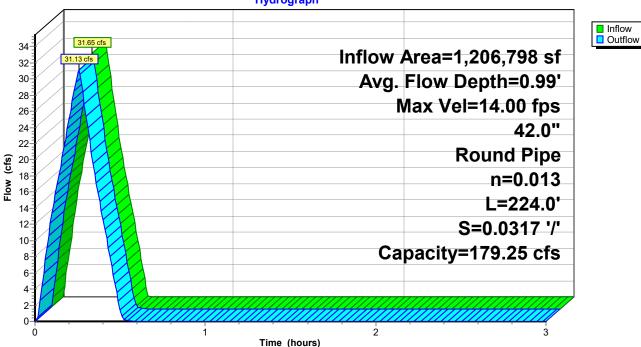
Inflow Area = 1,206,798 sf, 3.17% Impervious, Inflow Depth = 0.28" for 2-yr event Inflow 31.65 cfs @ 0.25 hrs. Volume= 28.536 cf = Outflow 0.26 hrs, Volume= = 31.13 cfs @ 28,536 cf, Atten= 2%, Lag= 0.5 min Routed to Reach A3 : Pipe A2

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 14.00 fps, Min. Travel Time= 0.3 min Avg. Velocity = 7.95 fps, Avg. Travel Time= 0.5 min

Peak Storage= 501 cf @ 0.25 hrs Average Depth at Peak Storage= 0.99', Surface Width= 3.15' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 179.25 cfs

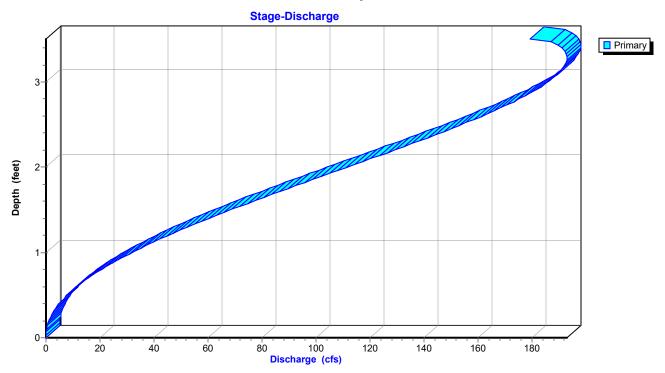
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 224.0' Slope= 0.0317 '/' Inlet Invert= 412.52', Outlet Invert= 405.41'





Reach A2: Pipe A2

Hydrograph



Reach A2: Pipe A2

Printed 5/22/2024

Springhill Retail

	•
Prepared by Phillip Lewis Engineering	
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Stage-Area-Storage for Reach A2: Pipe A2

Elevation	End-Area	Storago	Elevation	End Aroo	Storago
(feet)	(sq-ft)	Storage (cubic-feet)	(feet)	(sq-ft)	Storage (cubic-feet)
412.52	0.0	0	415.12	7.7	1,717
412.57	0.0	6	415.17	7.8	1,751
412.62	0.1	18	415.22	8.0	1,784
412.67	0.1	32	415.27	8.1	1,816
412.72	0.2	49	415.32	8.3	1,848
412.77	0.3	68	415.37	8.4	1,879
412.82	0.4	90	415.42	8.5	1,909
412.87	0.5	112	415.47	8.7	1,938
412.92	0.6	136	415.52	8.8	1,966
412.97	0.7	162	415.57	8.9	1,993
413.02	0.8	189	415.62	9.0	2,019
413.07	1.0	217	415.67	9.1	2,043
413.12	1.1	246	415.72	9.2	2,066
413.17	1.2	276	415.77	9.3	2,087
413.22	1.4	307	415.82	9.4	2,106
413.27 413.32	1.5 1.7	339 371	415.87 415.92	9.5 9.5	2,123 2,138
413.32	1.8	404	415.92	9.5 9.6	2,130
413.42	2.0	438	416.02	9.6	2 ,145 2,155
413.47	2.0	473	410.02	0.0	2,100
413.52	2.3	508			
413.57	2.4	544			
413.62	2.6	580			
413.67	2.8	617			
413.72	2.9	654			
413.77	3.1	691			
413.82	3.3	729			
413.87	3.4	767			
413.92	3.6	805			
413.97	3.8	844			
414.02 414.07	3.9 4.1	882 921			
414.07	4.1	960			
414.12	4.5	999			
414.22	4.6	1,038			
414.27	4.8	1,078			
414.32	5.0	1,117			
414.37	5.2	1,156			
414.42	5.3	1,195			
414.47	5.5	1,234			
414.52	5.7	1,273			
414.57	5.9	1,312			
414.62	6.0	1,350			
414.67	6.2	1,388			
414.72	6.4	1,426			
414.77 414.82	6.5 6.7	1,464 1,502			
414.82	6.9	1,539			
414.92	7.0	1,575			
414.97	7.2	1,611			
415.02	7.4	1,647			
415.07	7.5	1,682			

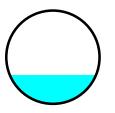
Summary for Reach A3: Pipe A2

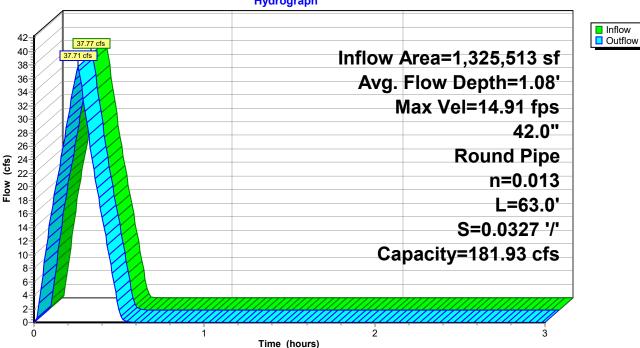
Inflow Area = 1,325,513 sf, 6.94% Impervious, Inflow Depth = 0.31" for 2-yr event Inflow 37.77 cfs @ 0.26 hrs. Volume= 34.665 cf = Outflow 0.26 hrs, Volume= = 37.71 cfs @ 34,665 cf, Atten= 0%, Lag= 0.1 min Routed to Pond Pond : Regional Detention Basin

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 14.91 fps, Min. Travel Time= 0.1 min Avg. Velocity = 8.41 fps, Avg. Travel Time= 0.1 min

Peak Storage= 160 cf @ 0.26 hrs Average Depth at Peak Storage= 1.08', Surface Width= 3.24' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 181.93 cfs

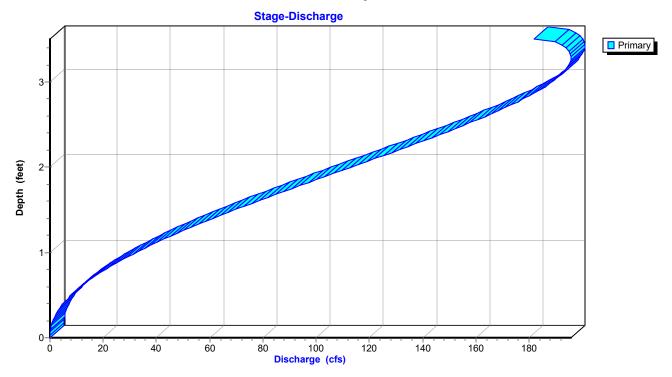
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 63.0' Slope= 0.0327 '/' Inlet Invert= 405.31', Outlet Invert= 403.25'





Reach A3: Pipe A2

Hydrograph



Reach A3: Pipe A2

Printed 5/22/2024

Springhill Retail

Prepared by Phillip Lewis Engineering HydroCAD® 10.20-2f s/n 12520 © 2022 HydroCAD Software Solutions LLC

Stage-Area-Storage for Reach A3: Pipe A2

Flevation	End-Area	Storage	Elevation	End-Area	Storage
(feet)	(sq-ft)	(cubic-feet)	(feet)	(sq-ft)	(cubic-feet)
405.31	0.0	0	407.91	7.7	483
405.36	0.0	2	407.96	7.8	492
405.41	0.1	5	408.01	8.0	502
405.46	0.1	9	408.06	8.1	511
405.51	0.2	14	408.11	8.3	520
405.56	0.3	19	408.16	8.4	529
405.61	0.4	25	408.21	8.5	537
405.66	0.5	32	408.26	8.7	545
405.71	0.6	38	408.31	8.8	553
405.76	0.7	46	408.36	8.9	561
405.81	0.8	53	408.41	9.0	568
405.86	1.0	61	408.46	9.1	575
405.91	1.1	69 79	408.51	9.2	581
405.96 406.01	1.2 1.4	78 86	408.56 408.61	9.3 9.4	587 592
406.01	1.4	80 95	408.66	9.4 9.5	592
400.00	1.5	104	408.71	9.5 9.5	601
406.16	1.8	114	408.76	9.6	604
406.21	2.0	123	408.81	9.6	606
406.26	2.1	133			
406.31	2.3	143			
406.36	2.4	153			
406.41	2.6	163			
406.46	2.8	173			
406.51	2.9	184			
406.56	3.1	194			
406.61	3.3	205			
406.66	3.4	216			
406.71	3.6	226			
406.76	3.8	237 248			
406.81 406.86	3.9 4.1	240 259			
406.80	4.1	239			
406.96	4.5	281			
407.01	4.6	292			
407.06	4.8	303			
407.11	5.0	314			
407.16	5.2	325			
407.21	5.3	336			
407.26	5.5	347			
407.31	5.7	358			
407.36	5.9	369			
407.41	6.0	380			
407.46	6.2	390			
407.51	6.4	401			
407.56	6.5 6.7	412 422			
407.61 407.66	6.9	422 433			
407.00	0.9 7.0	433			
407.76	7.0	453			
407.81	7.4	463			
407.86	7.5	473			
	-	~			
		•			

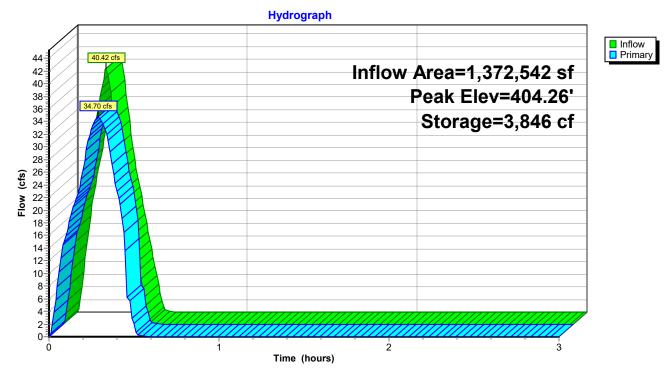
Summary for Pond Pond: Regional Detention Basin

Inflow Area	a =	1,372,542 sf,	6.70% Impervious,	Inflow Depth = 0.33" for 2-yr event
Inflow	=	40.42 cfs @	0.26 hrs, Volume=	37,301 cf
Outflow	=	34.70 cfs @	0.29 hrs, Volume=	37,302 cf, Atten= 14%, Lag= 2.1 min
Primary	=	34.70 cfs @	0.29 hrs, Volume=	37,302 cf

Routing by Stor-Ind method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Peak Elev= 404.26' @ 0.29 hrs Storage= 3,846 cf

Plug-Flow detention time= 1.2 min calculated for 37,178 cf (100% of inflow) Center-of-Mass det. time= 1.2 min (16.1 - 14.9)

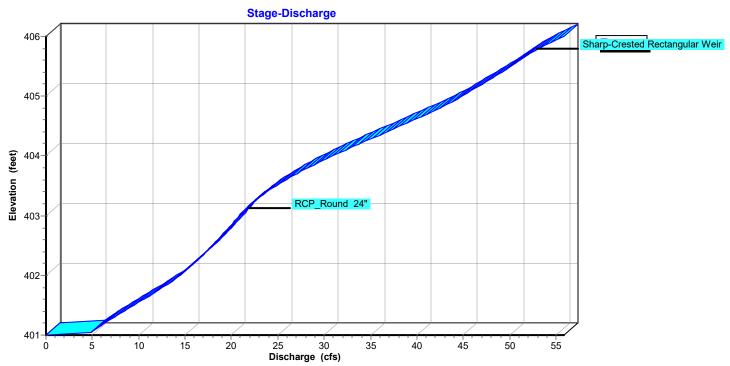
Volume	Invert	Avail.Stor	rage Storage Description		
#1	401.00'	12,81	12 cf Custom Stage Data Listed below		
	-	•			
Elevation	-	n.Store			
(feet		<u>c-feet)</u>			
401.00 402.00	-	0 103			
402.00	-	803			
403.00	-	2,704			
405.0		7,038			
406.0		12,812			
		-			
Device	Routing	Invert	Outlet Devices		
#1	Primary	400.10'	24.0" Round RCP_Round 24"		
#2	Primary	403.02'	L= 100.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 400.10' / 397.97' S= 0.0213 '/' Cc= 0.900 n= 0.013 Corrugated PE, smooth interior, Flow Area= 3.14 sf 24.0" Round RCP_Round 24" L= 35.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 403.02' / 401.73' S= 0.0369 '/' Cc= 0.900 n= 0.013 Concrete pipe, bends & connections, Flow Area= 3.14 sf		
#3	Primary	405.69'	2.0' long Sharp-Crested Rectangular Weir 2 End Contraction(s)		
Primary OutFlow Max=34.69 cfs @ 0.29 hrs HW=404.26' (Free Discharge) -1=RCP_Round 24" (Inlet Controls 26.90 cfs @ 8.56 fps) -2=RCP_Round 24" (Inlet Controls 7.79 cfs @ 3.80 fps) -3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)					



Pond Pond: Regional Detention Basin

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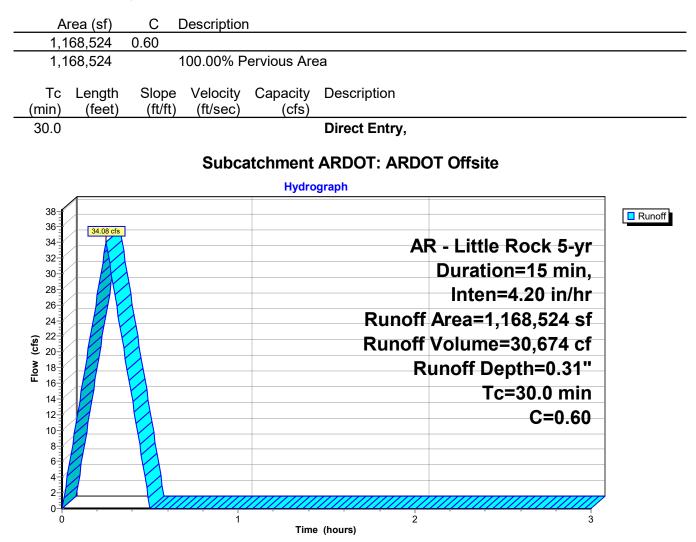
Stage-Area-Storage for Pond Pond: Regional Detention Basin

Elevation	Storage	Elevation	Storage
(feet)	(cubic-feet)	(feet)	(cubic-feet)
401.00		403.60	1,944
401.05	5	403.65	2,039
401.10	10	403.70	2,134
401.15	15	403.75	2,229
401.20	21	403.80	2,324
401.25	26	403.85	2,324
401.20	31	403.90	2,514
401.35	36	403.90	2,609
401.33	41	403.93	2,009
401.40	46		
401.45	40 52	404.05	2,921
	52 57	404.10	3,137
401.55		404.15	3,354
401.60	62	404.20	3,571
401.65	67	404.25	3,788
401.70	72	404.30	4,004
401.75	77	404.35	4,221
401.80	82	404.40	4,438
401.85	88	404.45	4,654
401.90	93	404.50	4,871
401.95	98	404.55	5,088
402.00	103	404.60	5,304
402.05	138	404.65	5,521
402.10	173	404.70	5,738
402.15	208	404.75	5,955
402.20	243	404.80	6,171
402.25	278	404.85	6,388
402.30	313	404.90	6,605
402.35	348	404.95	6,821
402.40	383	405.00	7,038
402.45	418	405.05	7,327
402.50	453	405.10	7,615
402.55	488	405.15	7,904
402.60	523	405.20	8,193
402.65	558	405.25	8,482
402.70	593	405.30	8,770
402.75	628	405.35	9,059
402.80	663	405.40	9,348
402.85	698	405.45	9,636
402.90	733	405.50	9,925
402.95	768	405.55	10,214
403.00	803	405.60	10,502
403.05	898	405.65	10,791
403.10	993	405.70	11,080
403.15	1,088	405.75	11,369
403.20	1,183	405.80	11,657
403.25	1,278	405.85	11,946
403.30	1,373	405.90	12,235
403.35	1,468	405.95	12,523
403.40	1,563	406.00	12,812
403.45	1,658		
403.50	1,754		
403.55	1,849		
		l	

Summary for Subcatchment ARDOT: ARDOT Offsite

Runoff = 34.08 cfs @ 0.25 hrs, Volume= 30,674 cf, Depth= 0.31" Routed to Reach A1 : Pipe A1

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 5-yr Duration=15 min, Inten=4.20 in/hr



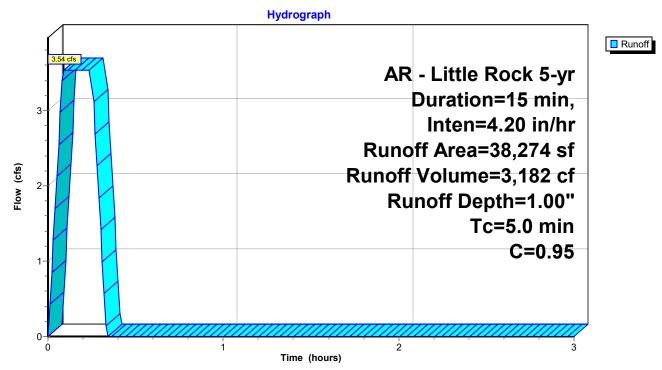
Summary for Subcatchment M&F: Merchants and Farmers

Runoff = 3.54 cfs @ 0.09 hrs, Volume= 3,182 cf, Depth= 1.00" Routed to Reach A2 : Pipe A2

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 5-yr Duration=15 min, Inten=4.20 in/hr

A	rea (sf)	С	Descriptior	1			
	38,274	0.95	Developed Site				
	38,274		100.00% Ir	npervious A	Area		
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description		
<u> (11111)</u> 5.0	(leel)	(1711)	(II/Sec)	(CIS)	Direct Entry,		

Subcatchment M&F: Merchants and Farmers

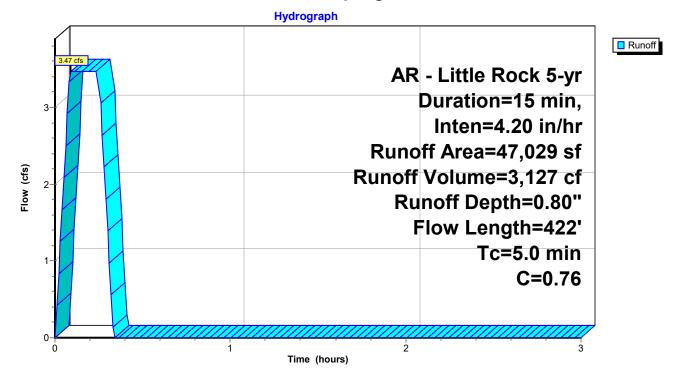


Summary for Subcatchment SR: Springhill Retail Post

Runoff	=	3.47 cfs @	0.09 hrs, Volume=	3,127 cf,	Depth= 0.80"	
Routed to Pond Pond : Regional Detention Basin						

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 5-yr Duration=15 min, Inten=4.20 in/hr

A	rea (sf)	С	Descriptior	า	
	1,511	0.86	Existing Dr	ive	
	33,632	0.92	Drives, Ro	of, Sidewall	ks
	11,886	0.30	Landscape	d Areas	
	47,029	0.76	Weighted A	Average	
	47,029		100.00% P	ervious Are	ea
-		01		0	
Tc	Length	Slope	•	Capacity	Description
(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
0.8	82	0.0290	1.76		Sheet Flow, Asphalt Sheet Flow
					Smooth surfaces n= 0.011 P2= 4.19"
0.8	87	0.0080	1.82		Shallow Concentrated Flow, Gutter
• •					Paved Kv= 20.3 fps
0.1	19	0.0210	2.94		Shallow Concentrated Flow, Concentrated Pavement Flow
					Paved Kv= 20.3 fps
1.0	197	0.0250	3.21		Shallow Concentrated Flow, Gutter
					Paved Kv= 20.3 fps
0.3	37	0.0130	2.31		Shallow Concentrated Flow, Gutter
					Paved Kv= 20.3 fps
2.0					Direct Entry, Minimum adjustment
5.0	422	Total			



Subcatchment SR: Springhill Retail Post

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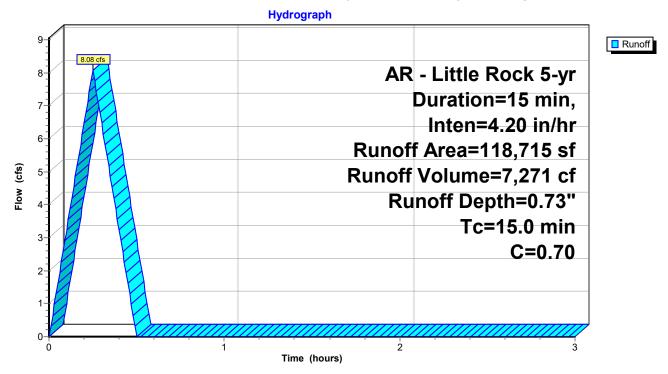
Summary for Subcatchment WestProp: West Adjacent Property Drainage Basin

Runoff = 8.08 cfs @ 0.25 hrs, Volume= Routed to Reach A3 : Pipe A2 7,271 cf, Depth= 0.73"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 5-yr Duration=15 min, Inten=4.20 in/hr

A	rea (sf)	С	Description	ı	
	65,063	0.50	Pervious A	reas	
	53,652	0.95	Rooftop/Pa	iving	
1	18,715	0.70	Weighted A	Average	
	65,063		54.81% Pe	rvious Area	а
	53,652		45.19% lm	pervious Ar	rea
Tc (min)	Length (feet)	Slope (ft/ft)		Capacity (cfs)	Description
15.0					Direct Entry,

Subcatchment WestProp: West Adjacent Property Drainage Basin



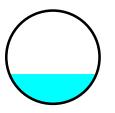
Summary for Reach A1: Pipe A1

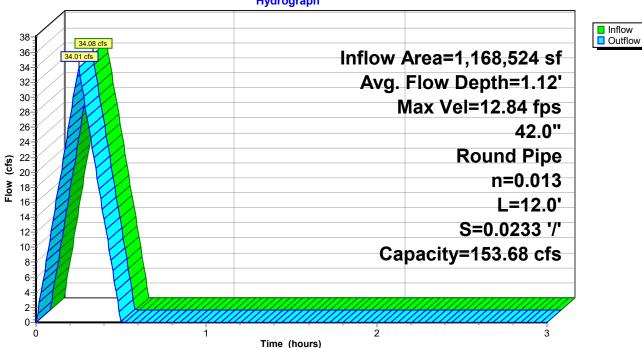
Inflow Area = 1,168,524 sf, 0.00% Impervious, Inflow Depth = 0.31" for 5-yr event Inflow 34.08 cfs @ 0.25 hrs. Volume= 30.674 cf = Outflow 0.25 hrs, Volume= = 34.01 cfs @ 30,675 cf, Atten= 0%, Lag= 0.0 min Routed to Reach A2 : Pipe A2

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 12.84 fps, Min. Travel Time= 0.0 min Avg. Velocity = 9.94 fps, Avg. Travel Time= 0.0 min

Peak Storage= 32 cf @ 0.25 hrs Average Depth at Peak Storage= 1.12', Surface Width= 3.26' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 153.68 cfs

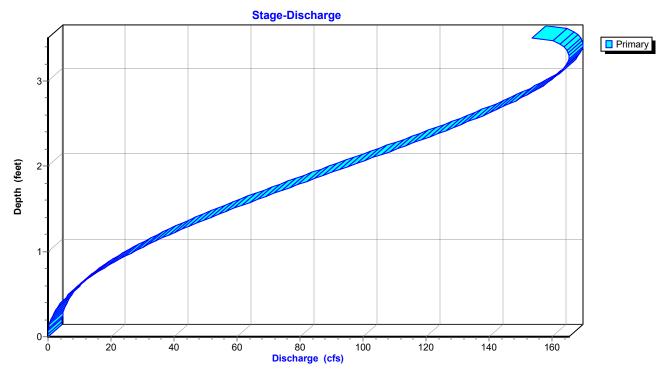
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 12.0' Slope= 0.0233 '/' Inlet Invert= 413.00', Outlet Invert= 412.72'





Reach A1: Pipe A1

Hydrograph



Reach A1: Pipe A1

Printed 5/22/2024

Springhill Retail

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Stage-Area-Storage for Reach A1: Pipe A1

Elevation	End-Area	Storage	Elevation	End-Area	Storage
(feet)	(sq-ft)	(cubic-feet)	(feet)	(sq-ft)	(cubic-feet)
413.00	0.0	0	415.60	7.7	92
413.05	0.0	0	415.65	7.8	94
413.10	0.1	1	415.70	8.0	96
413.15	0.1	2	415.75	8.1	97
413.20	0.2	3	415.80	8.3	99
413.25	0.3	4	415.85	8.4	101
413.30	0.4	5	415.90	8.5	102
413.35	0.5	6	415.95	8.7	104
413.40	0.6	7	416.00	8.8	105
413.45	0.7	9	416.05	8.9	107
413.50	0.8	10	416.10	9.0	108
413.55 413.60	1.0 1.1	12 13	416.15 416.20	9.1 9.2	109 111
413.60	1.1	15	416.20	9.2 9.3	111
413.00	1.4	16	416.23	9.3 9.4	112
413.75	1.4	18	416.35	9.5	113
413.80	1.7	20	416.40	9.5	115
413.85	1.8	22	416.45	9.6	115
413.90	2.0	23	416.50	9.6	115
413.95	2.1	25			
414.00	2.3	27			
414.05	2.4	29			
414.10	2.6	31			
414.15	2.8	33			
414.20	2.9	35			
414.25	3.1	37			
414.30 414.35	3.3 3.4	39 41			
414.35	3.4 3.6	41			
414.45	3.8	45			
414.50	3.9	47			
414.55	4.1	49			
414.60	4.3	51			
414.65	4.5	54			
414.70	4.6	56			
414.75	4.8	58			
414.80	5.0	60			
414.85	5.2	62			
414.90	5.3	64			
414.95	5.5	66			
415.00 415.05	5.7 5.9	68 70			
415.00	6.0	70			
415.15	6.2	74			
415.20	6.4	76			
415.25	6.5	78			
415.30	6.7	80			
415.35	6.9	82			
415.40	7.0	84			
415.45	7.2	86			
415.50	7.4	88			
415.55	7.5	90			
			I		

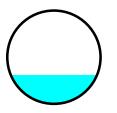
Summary for Reach A2: Pipe A2

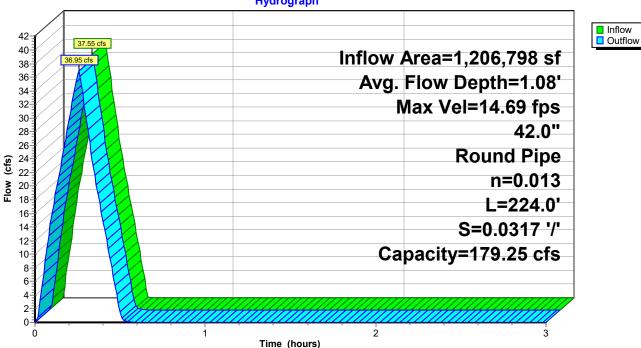
Inflow Area = 1,206,798 sf, 3.17% Impervious, Inflow Depth = 0.34" for 5-yr event Inflow 37.55 cfs @ 0.25 hrs. Volume= 33.857 cf = Outflow 0.26 hrs, Volume= = 36.95 cfs @ 33,857 cf, Atten= 2%, Lag= 0.4 min Routed to Reach A3 : Pipe A2

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 14.69 fps, Min. Travel Time= 0.3 min Avg. Velocity = 8.33 fps, Avg. Travel Time= 0.4 min

Peak Storage= 567 cf @ 0.25 hrs Average Depth at Peak Storage= 1.08', Surface Width= 3.23' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 179.25 cfs

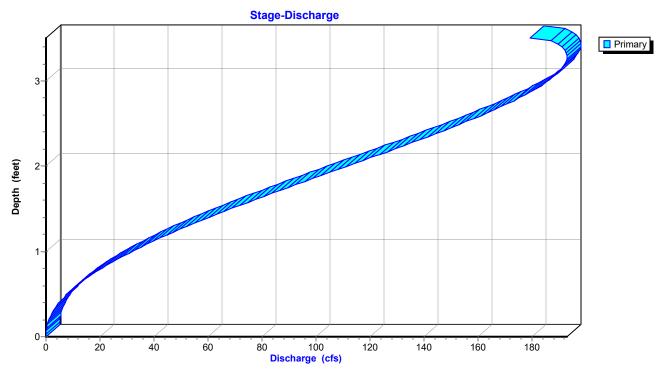
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 224.0' Slope= 0.0317 '/' Inlet Invert= 412.52', Outlet Invert= 405.41'





Reach A2: Pipe A2

Hydrograph



Reach A2: Pipe A2

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Stage-Area-Storage for Reach A2: Pipe A2

Elevation	End-Area	Storago	Elevation	End Aroo	Storago
(feet)	(sq-ft)	Storage (cubic-feet)	(feet)	(sq-ft)	Storage (cubic-feet)
412.52	0.0	0	415.12	7.7	1,717
412.57	0.0	6	415.17	7.8	1,751
412.62	0.1	18	415.22	8.0	1,784
412.67	0.1	32	415.27	8.1	1,816
412.72	0.2	49	415.32	8.3	1,848
412.77	0.3	68	415.37	8.4	1,879
412.82	0.4	90	415.42	8.5	1,909
412.87	0.5	112	415.47	8.7	1,938
412.92	0.6	136	415.52	8.8	1,966
412.97	0.7	162	415.57	8.9	1,993
413.02	0.8	189	415.62	9.0	2,019
413.07	1.0	217	415.67	9.1	2,043
413.12	1.1	246	415.72	9.2	2,066
413.17	1.2	276	415.77	9.3	2,087
413.22	1.4	307	415.82	9.4	2,106
413.27 413.32	1.5 1.7	339 371	415.87 415.92	9.5 9.5	2,123 2,138
413.32	1.8	404	415.92	9.5 9.6	2,130
413.42	2.0	438	416.02	9.6	2 ,145 2,155
413.47	2.0	473	410.02	0.0	2,100
413.52	2.3	508			
413.57	2.4	544			
413.62	2.6	580			
413.67	2.8	617			
413.72	2.9	654			
413.77	3.1	691			
413.82	3.3	729			
413.87	3.4	767			
413.92	3.6	805			
413.97	3.8	844			
414.02 414.07	3.9 4.1	882 921			
414.07	4.1	960			
414.12	4.5	999			
414.22	4.6	1,038			
414.27	4.8	1,078			
414.32	5.0	1,117			
414.37	5.2	1,156			
414.42	5.3	1,195			
414.47	5.5	1,234			
414.52	5.7	1,273			
414.57	5.9	1,312			
414.62	6.0	1,350			
414.67	6.2	1,388			
414.72	6.4	1,426			
414.77 414.82	6.5 6.7	1,464 1,502			
414.82	6.9	1,539			
414.92	7.0	1,575			
414.97	7.2	1,611			
415.02	7.4	1,647			
415.07	7.5	1,682			

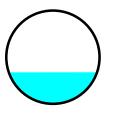
Summary for Reach A3: Pipe A2

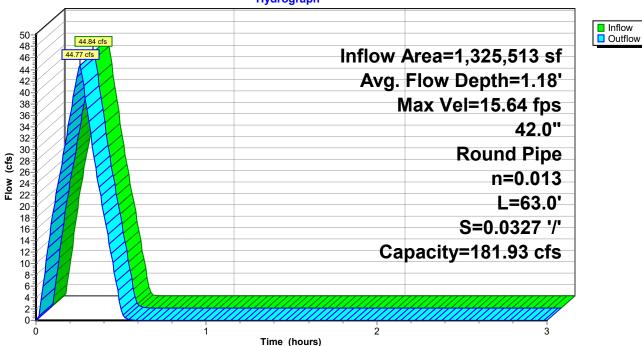
Inflow Area = 1,325,513 sf, 6.94% Impervious, Inflow Depth = 0.37" for 5-yr event Inflow 44.84 cfs @ 0.25 hrs. Volume= 41.128 cf = Outflow 0.26 hrs, Volume= = 44.77 cfs @ 41,128 cf, Atten= 0%, Lag= 0.1 min Routed to Pond Pond : Regional Detention Basin

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 15.64 fps, Min. Travel Time= 0.1 min Avg. Velocity = 8.81 fps, Avg. Travel Time= 0.1 min

Peak Storage= 180 cf @ 0.26 hrs Average Depth at Peak Storage= 1.18', Surface Width= 3.31' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 181.93 cfs

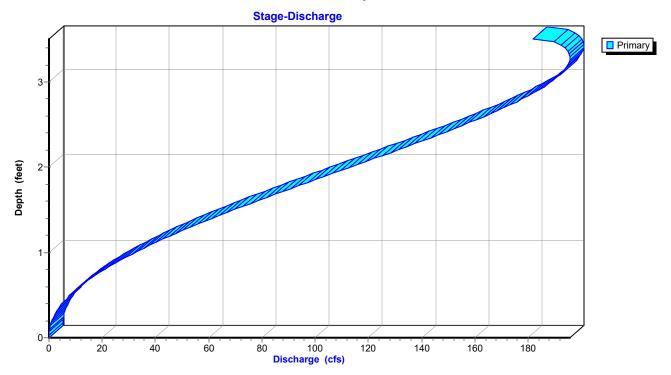
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 63.0' Slope= 0.0327 '/' Inlet Invert= 405.31', Outlet Invert= 403.25'





Reach A3: Pipe A2

Hydrograph



Reach A3: Pipe A2

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Springhill Retail

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Stage-Area-Storage for Reach A3: Pipe A2

Elevation	End-Area	Storage	Elevation	End-Area	Storage
(feet)	(sq-ft)	(cubic-feet)	(feet)	(sq-ft)	(cubic-feet)
405.31	0.0	0	407.91	7.7	483
405.36	0.0	2	407.96	7.8	492
405.41	0.1	5	408.01	8.0	502
405.46	0.1	9	408.06	8.1	511
405.51	0.2	14	408.11	8.3	520
405.56	0.3	19	408.16	8.4	529
405.61	0.4	25	408.21	8.5	537
405.66	0.5	32	408.26	8.7	545
405.71	0.6	38	408.31	8.8	553
405.76	0.7	46	408.36	8.9	561
405.81	0.8	53	408.41	9.0	568
405.86	1.0	61	408.46	9.1	575
405.91	1.1	69 70	408.51	9.2	581
405.96 406.01	1.2 1.4	78 86	408.56 408.61	9.3	587 592
	1.4	80 95		9.4 9.5	592 597
406.06 406.11	1.5	95 104	408.66 408.71	9.5 9.5	601
406.16	1.8	114	408.76	9.5 9.6	604
406.21	2.0	123	408.81	9.6	606
406.26	2.1	133	100.01	0.0	
406.31	2.3	143			
406.36	2.4	153			
406.41	2.6	163			
406.46	2.8	173			
406.51	2.9	184			
406.56	3.1	194			
406.61	3.3	205			
406.66	3.4	216			
406.71	3.6	226			
406.76	3.8	237			
406.81	3.9	248			
406.86	4.1	259			
406.91 406.96	4.3 4.5	270 281			
400.90	4.5	201			
407.06	4.8	303			
407.11	5.0	314			
407.16	5.2	325			
407.21	5.3	336			
407.26	5.5	347			
407.31	5.7	358			
407.36	5.9	369			
407.41	6.0	380			
407.46	6.2	390			
407.51	6.4	401			
407.56	6.5	412			
407.61	6.7	422			
407.66	6.9	433			
407.71	7.0 7.2	443 453			
407.76 407.81	7.2 7.4	453 463			
407.81	7.4	403			
401.00	7.0	-10			
			I		

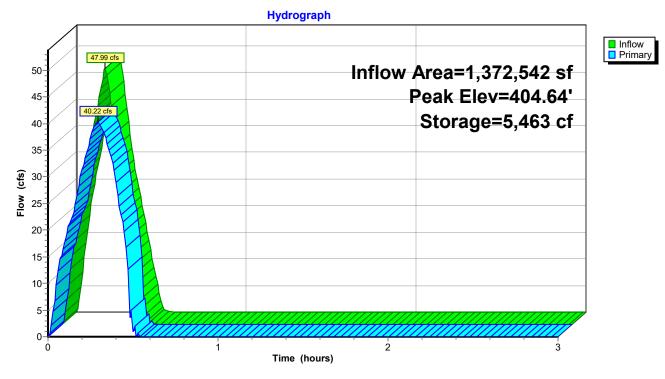
Summary for Pond Pond: Regional Detention Basin

Inflow Are	a =	1,372,542 sf,	6.70% Impervious,	Inflow Depth = 0.39" for 5-yr event
Inflow	=	47.99 cfs @	0.25 hrs, Volume=	44,255 cf
Outflow	=	40.22 cfs @	0.29 hrs, Volume=	44,270 cf, Atten= 16%, Lag= 2.3 min
Primary	=	40.22 cfs @	0.29 hrs, Volume=	44,270 cf

Routing by Stor-Ind method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Peak Elev= 404.64' @ 0.29 hrs Storage= 5,463 cf

Plug-Flow detention time= (not calculated: outflow precedes inflow) Center-of-Mass det. time= 1.5 min (16.4 - 14.9)

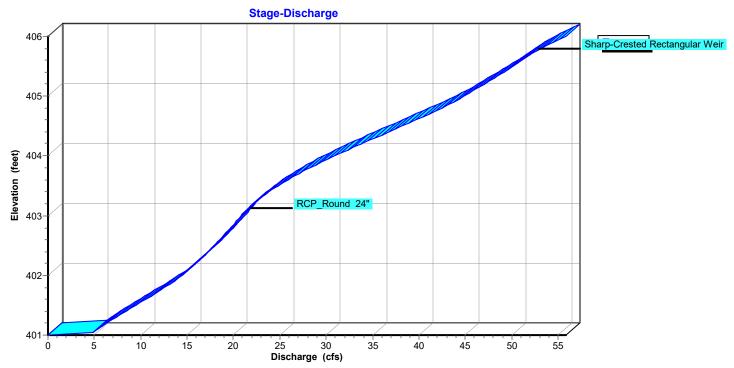
Volume	Invert	Avail.Sto	rage	Storage Description	
#1	401.00'	12,81	l2 cf	Custom Stage Data Listed below	
Elevatior		n.Store			
feet	-	ic-feet)			
401.00		0			
402.00	0	103			
403.00	C	803			
404.00		2,704			
405.00		7,038			
406.00	0	12,812			
Device	Routing	Invert	Outl	let Devices	
#1	Primary	400.10'	24.0)" Round RCP_Round 24"	
#2	Primary	403.02'	Inlet n= 0 24.0 L= 3 Inlet	100.0' RCP, end-section conforming to fill, Ke= 0.500 t / Outlet Invert= 400.10' / 397.97' S= 0.0213 '/' Cc= 0.900 0.013 Corrugated PE, smooth interior, Flow Area= 3.14 sf 0" Round RCP_Round 24" 35.0' RCP, end-section conforming to fill, Ke= 0.500 t / Outlet Invert= 403.02' / 401.73' S= 0.0369 '/' Cc= 0.900 0.013 Concrete pipe, bends & connections, Flow Area= 3.14 sf	
#3	Primary	405.69'		Iong Sharp-Crested Rectangular Weir 2 End Contraction(s)	
Primary OutFlow Max=40.19 cfs @ 0.29 hrs HW=404.63' (Free Discharge) -1=RCP_Round 24" (Inlet Controls 28.44 cfs @ 9.05 fps) -2=RCP_Round 24" (Inlet Controls 11.75 cfs @ 4.33 fps) -3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)					



Pond Pond: Regional Detention Basin

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Pond Pond: Regional Detention Basin



Stage-Area-Storage for Pond Pond: Regional Detention Basin

Elevation	Storage	Elevation	Storage
(feet)	(cubic-feet)	(feet)	(cubic-feet)
401.00		403.60	1,944
401.05	5	403.65	2,039
401.10	10	403.70	2,134
401.15	15	403.75	2,229
401.20	21	403.80	2,324
401.25	26	403.85	2,324
401.20	31	403.90	2,514
401.35	36	403.90	2,609
401.33	41	403.93	2,009
401.40	46		
401.45	40 52	404.05	2,921
	52 57	404.10	3,137
401.55		404.15	3,354
401.60	62	404.20	3,571
401.65	67	404.25	3,788
401.70	72	404.30	4,004
401.75	77	404.35	4,221
401.80	82	404.40	4,438
401.85	88	404.45	4,654
401.90	93	404.50	4,871
401.95	98	404.55	5,088
402.00	103	404.60	5,304
402.05	138	404.65	5,521
402.10	173	404.70	5,738
402.15	208	404.75	5,955
402.20	243	404.80	6,171
402.25	278	404.85	6,388
402.30	313	404.90	6,605
402.35	348	404.95	6,821
402.40	383	405.00	7,038
402.45	418	405.05	7,327
402.50	453	405.10	7,615
402.55	488	405.15	7,904
402.60	523	405.20	8,193
402.65	558	405.25	8,482
402.70	593	405.30	8,770
402.75	628	405.35	9,059
402.80	663	405.40	9,348
402.85	698	405.45	9,636
402.90	733	405.50	9,925
402.95	768	405.55	10,214
403.00	803	405.60	10,502
403.05	898	405.65	10,791
403.10	993	405.70	11,080
403.15	1,088	405.75	11,369
403.20	1,183	405.80	11,657
403.25	1,278	405.85	11,946
403.30	1,373	405.90	12,235
403.35	1,468	405.95	12,523
403.40	1,563	406.00	12,812
403.45	1,658		
403.50	1,754		
403.55	1,849		
		l	

Summary for Subcatchment ARDOT: ARDOT Offsite

Runoff = 38.63 cfs @ 0.25 hrs, Volume= 34,764 cf, Depth= 0.36" Routed to Reach A1 : Pipe A1

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 10-yr Duration=15 min, Inten=4.76 in/hr

Tc Length Slope Velocity Capacity Description 30.0 Direct Entry, Subcatchment ARDOT: ARDOT Offsite Image: Number of the state of the st
Subcatchment ARDOT: ARDOT Offsite Hydrograph AR - Little Rock 10-yr Duration=15 min, Inten=4.76 in/hr Runoff Area=1,168,524 sf Runoff Depth=0.36" Tc=30.0 min
(y) w H H H H H H H H H H H H H H H H H H
C=0.60 C=0.60 C=0.60 C=0.60 C=0.60 C=0.60 C=0.60

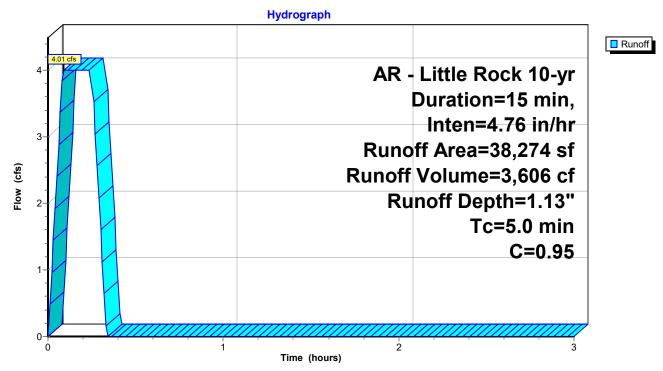
Summary for Subcatchment M&F: Merchants and Farmers

Runoff = 4.01 cfs @ 0.09 hrs, Volume= 3,606 cf, Depth= 1.13" Routed to Reach A2 : Pipe A2

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 10-yr Duration=15 min, Inten=4.76 in/hr

A	rea (sf)	С	Descriptior	ı		
	38,274	0.95	Developed Site			
	38,274		100.00% Ir	npervious A	Area	
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description	
5.0					Direct Entry,	

Subcatchment M&F: Merchants and Farmers

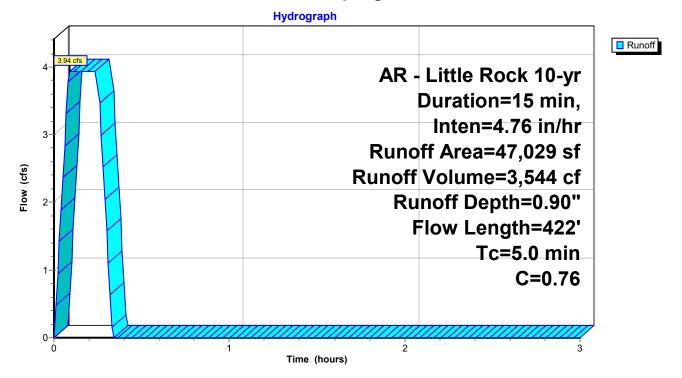


Summary for Subcatchment SR: Springhill Retail Post

Runoff	=	3.94 cfs @	0.09 hrs, Volume=	3,54	14 cf, Depth= 0.90"
Routed	I to Pond	Pond : Regio	nal Detention Basin		

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 10-yr Duration=15 min, Inten=4.76 in/hr

A	rea (sf)	С	Descriptior	I	
	1,511	0.86	Existing Dr	ive	
	33,632	0.92	Drives, Ro	of, Sidewall	ks
	11,886	0.30	Landscape	d Areas	
	47,029		Weighted /		
	47,029		100.00% P	ervious Are	ea
т.	المرب مرال	01	\/_l!t	0	Description
Tc (min)	Length	Slope	Velocity	Capacity	Description
(min)	(feet)	<u>(ft/ft)</u>	(ft/sec)	(cfs)	
0.8	82	0.0290	1.76		Sheet Flow, Asphalt Sheet Flow
					Smooth surfaces n= 0.011 P2= 4.19"
0.8	87	0.0080	1.82		Shallow Concentrated Flow, Gutter
					Paved Kv= 20.3 fps
0.1	19	0.0210	2.94		Shallow Concentrated Flow, Concentrated Pavement Flow
					Paved Kv= 20.3 fps
1.0	197	0.0250	3.21		Shallow Concentrated Flow, Gutter
					Paved Kv= 20.3 fps
0.3	37	0.0130	2.31		Shallow Concentrated Flow, Gutter
					Paved Kv= 20.3 fps
2.0					Direct Entry, Minimum adjustment
5.0	422	Total			



Subcatchment SR: Springhill Retail Post

Printed 5/22/2024

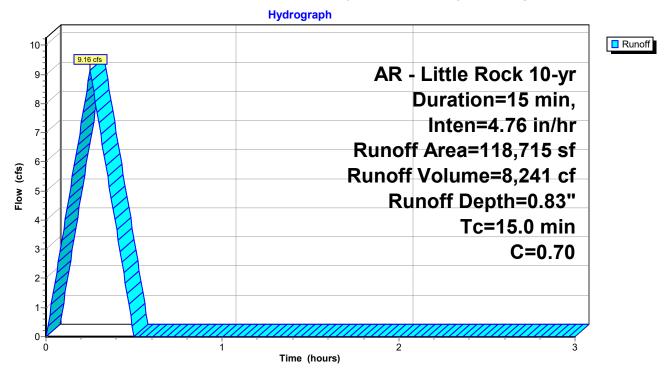
Summary for Subcatchment WestProp: West Adjacent Property Drainage Basin

Runoff = 9.16 cfs @ 0.25 hrs, Volume= Routed to Reach A3 : Pipe A2 8,241 cf, Depth= 0.83"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 10-yr Duration=15 min, Inten=4.76 in/hr

A	rea (sf)	С	Description	า		
	65,063	0.50	Pervious A	reas		
	53,652	0.95	Rooftop/Pa	aving		
1	18,715	0.70	Weighted Average			
	65,063		54.81% Pervious Area			
	53,652		45.19% Im	pervious Ar	rea	
Тс	Length	Slope	Velocity	Capacity	Description	
(min)	(feet)	(ft/ft)		(cfs)	Boosipion	
15.0	· · · · ·				Direct Entry,	

Subcatchment WestProp: West Adjacent Property Drainage Basin



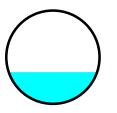
Summary for Reach A1: Pipe A1

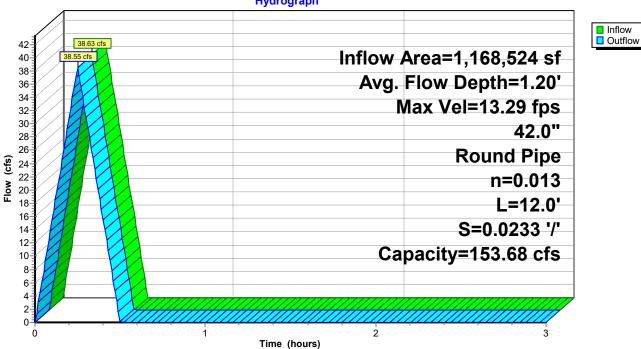
Inflow Area = 1,168,524 sf, 0.00% Impervious, Inflow Depth = 0.36" for 10-yr event Inflow 38.63 cfs @ 0.25 hrs. Volume= 34.764 cf = Outflow 0.25 hrs, Volume= 34,765 cf, Atten= 0%, Lag= 0.0 min = 38.55 cfs @ Routed to Reach A2 : Pipe A2

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 13.29 fps, Min. Travel Time= 0.0 min Avg. Velocity = 10.31 fps, Avg. Travel Time= 0.0 min

Peak Storage= 35 cf @ 0.25 hrs Average Depth at Peak Storage= 1.20', Surface Width= 3.32' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 153.68 cfs

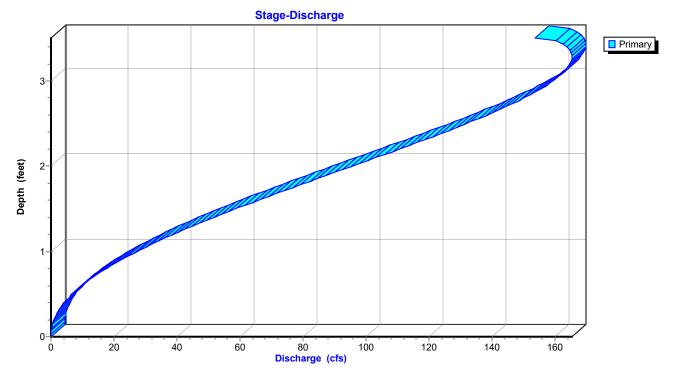
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 12.0' Slope= 0.0233 '/' Inlet Invert= 413.00', Outlet Invert= 412.72'





Reach A1: Pipe A1

Hydrograph



Reach A1: Pipe A1

Springhill Retail

Prepared by Phillip Lewis Engineering HydroCAD® 10.20-2f s/n 12520 © 2022 HydroCAD Software Solutions LLC

Stage-Area-Storage for Reach A1: Pipe A1

Elevation	End-Area	Storage	Elevation	End-Area	Storage
(feet)	(sq-ft)	(cubic-feet)	(feet)	(sq-ft)	(cubic-feet)
413.00	0.0	0	415.60	7.7	92
413.05	0.0	0	415.65	7.8	94
413.10	0.1	1	415.70	8.0	96
413.15	0.1	2	415.75	8.1	97
413.20	0.2	3	415.80	8.3	99
413.25	0.3	4	415.85	8.4	101
413.30	0.4	5	415.90	8.5	102
413.35	0.5	6	415.95	8.7	104
413.40	0.6	7	416.00	8.8	105
413.45	0.7	9	416.05	8.9	107
413.50	0.8	10	416.10	9.0	108
413.55 413.60	1.0 1.1	12 13	416.15 416.20	9.1 9.2	109 111
413.65	1.1	15	416.20	9.2 9.3	111
413.00	1.4	16	416.23	9.3 9.4	112
413.75	1.4	18	416.35	9.5	113
413.80	1.7	20	416.40	9.5	115
413.85	1.8	22	416.45	9.6	115
413.90	2.0	23	416.50	9.6	115
413.95	2.1	25			
414.00	2.3	27			
414.05	2.4	29			
414.10	2.6	31			
414.15	2.8	33			
414.20	2.9	35			
414.25	3.1	37			
414.30 414.35	3.3 3.4	39 41			
414.35	3.4 3.6	41			
414.45	3.8	45			
414.50	3.9	47			
414.55	4.1	49			
414.60	4.3	51			
414.65	4.5	54			
414.70	4.6	56			
414.75	4.8	58			
414.80	5.0	60			
414.85	5.2	62			
414.90	5.3	64			
414.95	5.5	66			
415.00 415.05	5.7 5.9	68 70			
415.00	6.0	70			
415.15	6.2	74			
415.20	6.4	76			
415.25	6.5	78			
415.30	6.7	80			
415.35	6.9	82			
415.40	7.0	84			
415.45	7.2	86			
415.50	7.4	88			
415.55	7.5	90			
			I		

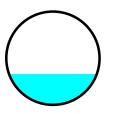
Summary for Reach A2: Pipe A2

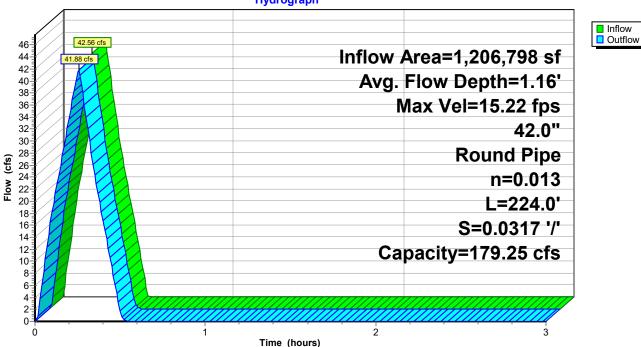
Inflow Area = 1,206,798 sf, 3.17% Impervious, Inflow Depth = 0.38" for 10-yr event Inflow 42.56 cfs @ 0.25 hrs. Volume= 38.371 cf = Outflow 0.26 hrs, Volume= = 41.88 cfs @ 38,371 cf, Atten= 2%, Lag= 0.4 min Routed to Reach A3 : Pipe A2

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 15.22 fps, Min. Travel Time= 0.2 min Avg. Velocity = 8.62 fps, Avg. Travel Time= 0.4 min

Peak Storage= 620 cf @ 0.25 hrs Average Depth at Peak Storage= 1.16', Surface Width= 3.29' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 179.25 cfs

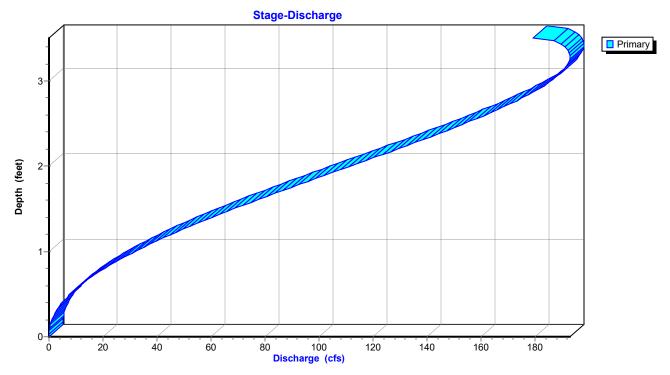
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 224.0' Slope= 0.0317 '/' Inlet Invert= 412.52', Outlet Invert= 405.41'





Reach A2: Pipe A2

Hydrograph



Reach A2: Pipe A2

Springhill Retail

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Stage-Area-Storage for Reach A2: Pipe A2

Elovation	End-Area	Storage	Elovation	End-Area	Storage
(feet)	(sq-ft)	(cubic-feet)	(feet)	(sq-ft)	(cubic-feet)
412.52	0.0	0	415.12	7.7	1,717
412.57	0.0	6	415.17	7.8	1,751
412.62	0.1	18	415.22	8.0	1,784
412.67	0.1	32	415.27	8.1	1,816
412.72	0.2	49	415.32	8.3	1,848
412.77	0.3	68	415.37	8.4	1,879
412.82	0.4	90	415.42	8.5	1,909
412.87	0.5	112	415.47	8.7	1,938
412.92	0.6	136	415.52	8.8	1,966
412.97	0.7	162	415.57	8.9	1,993
413.02	0.8	189	415.62	9.0	2,019
413.07	1.0	217	415.67	9.1	2,043
413.12	1.1	246	415.72	9.2	2,066
413.17	1.2	276	415.77	9.3	2,087
413.22	1.4	307	415.82	9.4	2,106
413.27	1.5 1.7	339	415.87	9.5	2,123
413.32 413.37	1.7	371 404	415.92 415.97	9.5 9.6	2,138 2,149
413.42	2.0	438	416.02	9.0 9.6	2 ,149 2,155
413.47	2.0	473	410.02	5.0	2,133
413.52	2.3	508			
413.57	2.4	544			
413.62	2.6	580			
413.67	2.8	617			
413.72	2.9	654			
413.77	3.1	691			
413.82	3.3	729			
413.87	3.4	767			
413.92	3.6	805			
413.97	3.8	844			
414.02	3.9	882			
414.07	4.1	921			
414.12	4.3	960			
414.17	4.5 4.6	999			
414.22 414.27	4.0	1,038 1,078			
414.32	4.0 5.0	1,117			
414.37	5.2	1,156			
414.42	5.3	1,195			
414.47	5.5	1,234			
414.52	5.7	1,273			
414.57	5.9	1,312			
414.62	6.0	1,350			
414.67	6.2	1,388			
414.72	6.4	1,426			
414.77	6.5	1,464			
414.82	6.7	1,502			
414.87	6.9	1,539			
414.92	7.0	1,575			
414.97	7.2	1,611			
415.02 415.07	7.4 7.5	1,647 1,682			
+15.07	7.5	1,002			
			I		

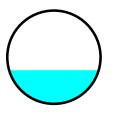
Summary for Reach A3: Pipe A2

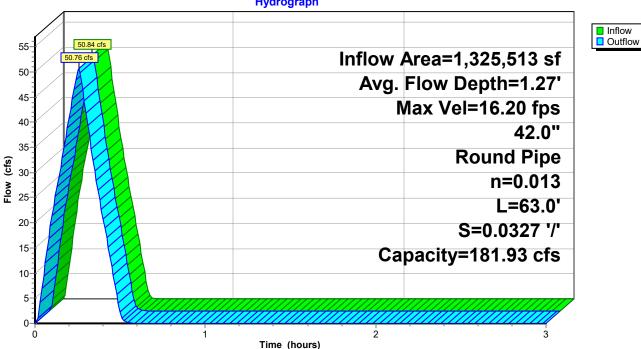
Inflow Area = 1,325,513 sf, 6.94% Impervious, Inflow Depth = 0.42" for 10-yr event Inflow 50.84 cfs @ 0.25 hrs. Volume= 46.612 cf = Outflow 0.26 hrs, Volume= = 50.76 cfs @ 46,612 cf, Atten= 0%, Lag= 0.1 min Routed to Pond Pond : Regional Detention Basin

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 16.20 fps, Min. Travel Time= 0.1 min Avg. Velocity = 9.11 fps, Avg. Travel Time= 0.1 min

Peak Storage= 198 cf @ 0.26 hrs Average Depth at Peak Storage= 1.27', Surface Width= 3.36' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 181.93 cfs

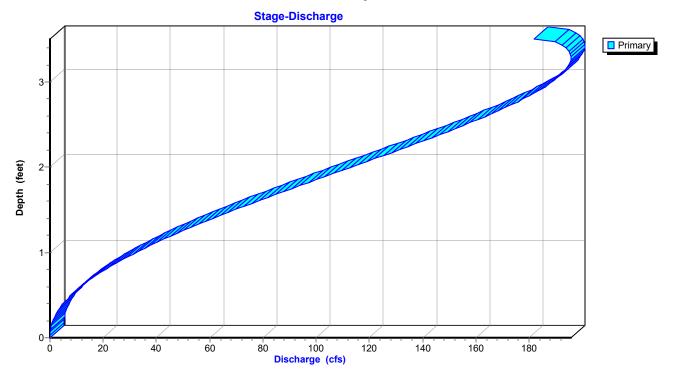
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 63.0' Slope= 0.0327 '/' Inlet Invert= 405.31', Outlet Invert= 403.25'





Reach A3: Pipe A2

Hydrograph



Reach A3: Pipe A2

Springhill Retail

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Stage-Area-Storage for Reach A3: Pipe A2

Elevation		Charaera	Flavation		Ctorers
	End-Area	Storage		End-Area	Storage
(feet)	(sq-ft)	(cubic-feet)	(feet)	(sq-ft)	(cubic-feet)
405.31	0.0	0	407.91	7.7	483
405.36 405.41	0.0	2 5	407.96	7.8	492
	0.1	5 9	408.01	8.0	502
405.46	0.1		408.06	8.1	511
405.51	0.2	14	408.11	8.3	520
405.56	0.3	19	408.16	8.4	529
405.61	0.4	25	408.21	8.5	537
405.66	0.5	32	408.26	8.7	545
405.71	0.6	38	408.31	8.8	553
405.76	0.7	46	408.36	8.9	561
405.81	0.8	53	408.41	9.0	568
405.86	1.0	61	408.46	9.1	575
405.91	1.1	69	408.51	9.2	581
405.96	1.2	78	408.56	9.3	587
406.01	1.4	86	408.61	9.4	592
406.06	1.5	95	408.66	9.5	597
406.11	1.7	104	408.71	9.5	601
406.16	1.8	114	408.76	9.6	604
406.21	2.0	123	408.81	9.6	606
406.26	2.1	133			
406.31	2.3	143			
406.36	2.4	153			
406.41	2.6	163			
406.46	2.8	173			
406.51	2.9	184			
406.56	3.1	194			
406.61	3.3	205			
406.66	3.4	216			
406.71	3.6	226			
406.76	3.8	237			
406.81	3.9	248			
406.86	4.1	259			
406.91	4.3	270			
406.96	4.5	281			
407.01	4.6	292			
407.06	4.8	303			
407.11	5.0	314			
407.16	5.2	325			
407.21	5.3 5.5	336			
407.26		347			
407.31 407.36	5.7 5.9	358 369			
407.30	5.9 6.0	380			
	6.2				
407.46 407.51	6.2 6.4	390 401			
407.51	6.4 6.5	401 412			
407.56	6.5 6.7	412			
407.61	6.9	422 433			
407.00	7.0	433			
407.76	7.0	443			
407.70	7.2	463			
407.81	7.4	403			
-00.00	7.5	715			
		I			

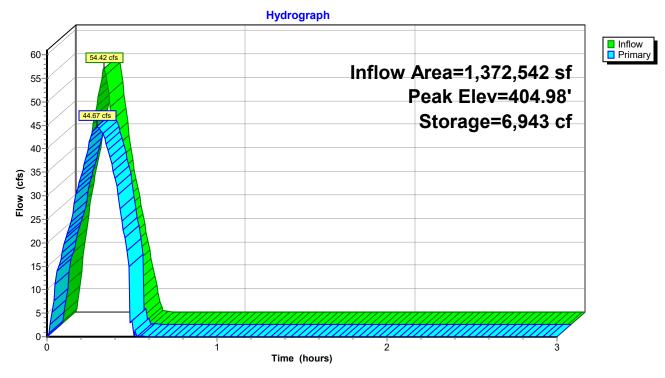
Summary for Pond Pond: Regional Detention Basin

Inflow Area	a =	1,372,542 sf,	6.70% Impervious,	Inflow Depth = 0.44" for 10-yr event
Inflow	=	54.42 cfs @	0.25 hrs, Volume=	50,156 cf
Outflow	=	44.67 cfs @	0.30 hrs, Volume=	50,169 cf, Atten= 18%, Lag= 2.5 min
Primary	=	44.67 cfs @	0.30 hrs, Volume=	50,169 cf

Routing by Stor-Ind method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Peak Elev= 404.98' @ 0.30 hrs Storage= 6,943 cf

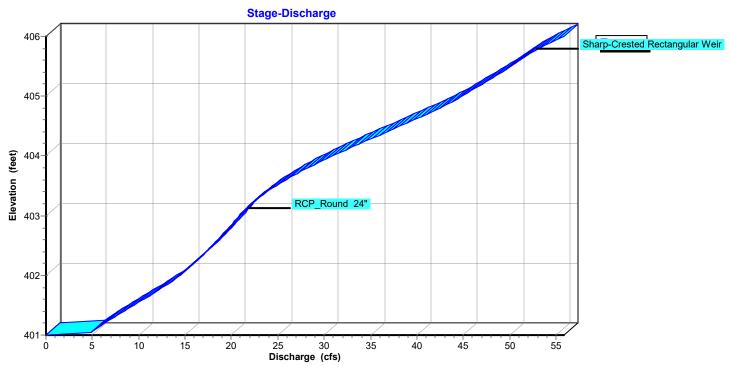
Plug-Flow detention time= 1.8 min calculated for 50,002 cf (100% of inflow) Center-of-Mass det. time= 1.8 min (16.6 - 14.8)

Volume	Invert	Avail.Sto	rage	Storage Description		
#1	401.00'	12,81	2 cf	Custom Stage Data Listed below		
	0	0				
Elevatior		n.Store				
(feet		ic-feet)				
401.00 402.00	-	0 103				
402.00		803				
404.00	-	2,704				
405.00	C	7,038				
406.00	C	12,812				
D .	D ('		• "			
-	Routing	Invert	-	et Devices		
#1	Primary	400.10'		" Round RCP_Round 24"		
#2	Primary	403.02'	Inlet n= 0 24.0 L= 3 Inlet	00.0' RCP, end-section conforming to fill, Ke= 0.500 : / Outlet Invert= 400.10' / 397.97' S= 0.0213 '/' Cc= 0.900 0.013 Corrugated PE, smooth interior, Flow Area= 3.14 sf " Round RCP_Round 24" 85.0' RCP, end-section conforming to fill, Ke= 0.500 : / Outlet Invert= 403.02' / 401.73' S= 0.0369 '/' Cc= 0.900 0.013 Concrete pipe, bends & connections, Flow Area= 3.14 sf		
#3	Primary	405.69'		Iong Sharp-Crested Rectangular Weir 2 End Contraction(s)		
Primary OutFlow Max=44.65 cfs @ 0.30 hrs HW=404.98' (Free Discharge) -1=RCP_Round 24" (Inlet Controls 29.78 cfs @ 9.48 fps) -2=RCP_Round 24" (Inlet Controls 14.87 cfs @ 4.76 fps) -3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)						



Pond Pond: Regional Detention Basin





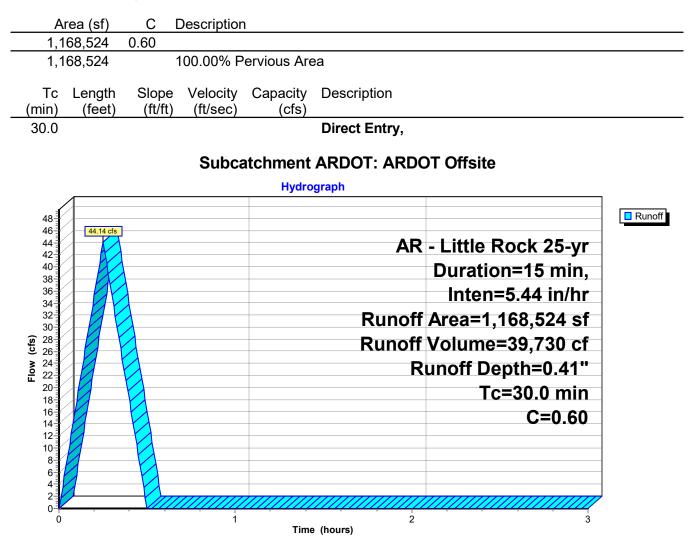
Stage-Area-Storage for Pond Pond: Regional Detention Basin

Elevation	Storage	Elevation	Storage
(feet)	(cubic-feet)	(feet)	(cubic-feet)
401.00	0	403.60	1,944
401.05	5	403.65	2,039
401.10	10	403.70	2,134
401.15	15	403.75	2,229
401.20	21	403.80	2,324
401.25	26	403.85	2,324
401.30	31	403.90	2,514
401.35	36	403.90	2,609
401.40	41	403.93	2,009
401.45	46		2,921
401.50	40 52	404.05	
		404.10	3,137
401.55	57	404.15	3,354
401.60	62	404.20	3,571
401.65	67	404.25	3,788
401.70	72	404.30	4,004
401.75	77	404.35	4,221
401.80	82	404.40	4,438
401.85	88	404.45	4,654
401.90	93	404.50	4,871
401.95	98	404.55	5,088
402.00	103	404.60	5,304
402.05	138	404.65	5,521
402.10	173	404.70	5,738
402.15	208	404.75	5,955
402.20	243	404.80	6,171
402.25	278	404.85	6,388
402.30	313	404.90	6,605
402.35	348	404.95	6,821
402.40	383	405.00	7,038
402.45	418	405.05	7,327
402.50	453	405.10	7,615
402.55	488	405.15	7,904
402.60	523	405.20	8,193
402.65	558	405.25	8,482
402.70	593	405.30	8,770
402.75	628	405.35	9,059
402.80	663	405.40	9,348
402.85	698	405.45	9,636
402.90	733	405.50	9,925
402.95	768	405.55	10,214
403.00	803	405.60	10,502
403.05	898	405.65	10,791
403.10	993	405.70	11,080
403.15	1,088	405.75	11,369
403.20	1,183	405.80	11,657
403.25	1,278	405.85	11,946
403.30	1,373	405.90	12,235
403.35	1,468	405.95	12,523
403.40	1,563	406.00	12,812
403.45	1,658		
403.50	1,754		
403.55	1,849		

Summary for Subcatchment ARDOT: ARDOT Offsite

Runoff = 44.14 cfs @ 0.25 hrs, Volume= 39,730 cf, Depth= 0.41" Routed to Reach A1 : Pipe A1

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 25-yr Duration=15 min, Inten=5.44 in/hr



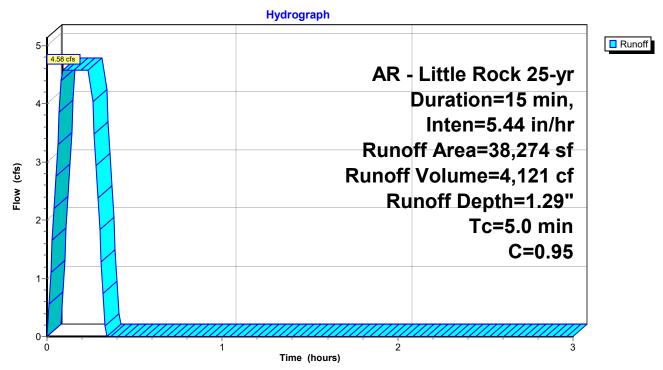
Summary for Subcatchment M&F: Merchants and Farmers

Runoff = 4.58 cfs @ 0.09 hrs, Volume= 4,121 cf, Depth= 1.29" Routed to Reach A2 : Pipe A2

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 25-yr Duration=15 min, Inten=5.44 in/hr

A	rea (sf)	С	Description					
	38,274	0.95	Developed Site					
	38,274		100.00% Impervious Area					
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description			
5.0					Direct Entry,			

Subcatchment M&F: Merchants and Farmers

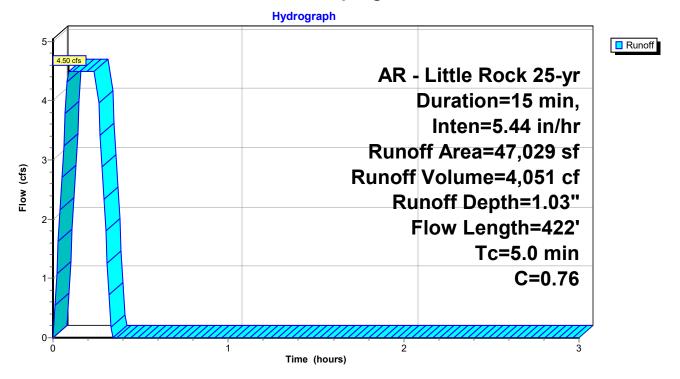


Summary for Subcatchment SR: Springhill Retail Post

Runoff	=	4.50 cfs @	0.09 hrs, Volume=	4,051 cf,	Depth= 1.03"
Routed	to P	ond Pond : Regio	nal Detention Basin		

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 25-yr Duration=15 min, Inten=5.44 in/hr

A	rea (sf)	С	Descriptior	า	
	1,511	0.86	Existing Dr	ive	
	33,632	0.92	Drives, Ro	of, Sidewall	ks
	11,886	0.30	Landscape	d Areas	
	47,029		Weighted /		
	47,029		100.00% P	ervious Are	ea
-				0	
Tc	Length	Slope	Velocity	Capacity	Description
(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
0.8	82	0.0290	1.76		Sheet Flow, Asphalt Sheet Flow
					Smooth surfaces n= 0.011 P2= 4.19"
0.8	87	0.0080	1.82		Shallow Concentrated Flow, Gutter
					Paved Kv= 20.3 fps
0.1	19	0.0210	2.94		Shallow Concentrated Flow, Concentrated Pavement Flow
					Paved Kv= 20.3 fps
1.0	197	0.0250	3.21		Shallow Concentrated Flow, Gutter
					Paved Kv= 20.3 fps
0.3	37	0.0130	2.31		Shallow Concentrated Flow, Gutter
					Paved Kv= 20.3 fps
2.0					Direct Entry, Minimum adjustment
5.0	422	Total			



Subcatchment SR: Springhill Retail Post

Printed 5/22/2024

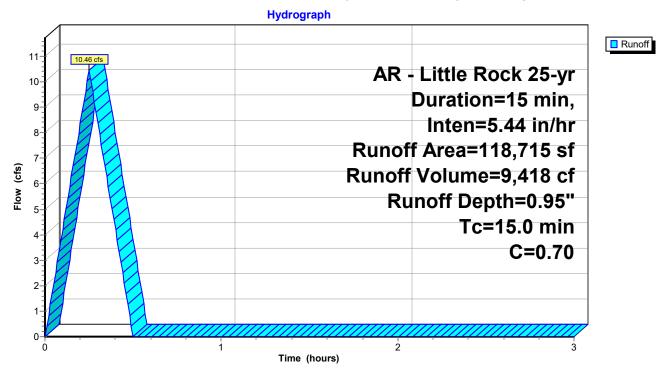
Summary for Subcatchment WestProp: West Adjacent Property Drainage Basin

Runoff = 10.46 cfs @ 0.25 hrs, Volume= Routed to Reach A3 : Pipe A2 9,418 cf, Depth= 0.95"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 25-yr Duration=15 min, Inten=5.44 in/hr

A	rea (sf)	С	Description	ı	
	65,063	0.50	Pervious A	reas	
	53,652	0.95	Rooftop/Pa	iving	
1	18,715	0.70	Weighted A	Average	
	65,063		54.81% Pe	rvious Area	а
	53,652		45.19% lm	pervious Ar	rea
Tc (min)	Length (feet)	Slope (ft/ft)	,	Capacity (cfs)	Description
15.0					Direct Entry,

Subcatchment WestProp: West Adjacent Property Drainage Basin



Springhill RetailAR - Little Rock 25-yrDuration=15 min, Inten=5.44 in/hrPrepared by Phillip Lewis EngineeringPrinted 5/22/2024HydroCAD® 10.20-2f s/n 12520 © 2022 HydroCAD Software Solutions LLC

Summary for Reach A1: Pipe A1

 Inflow Area =
 1,168,524 sf,
 0.00% Impervious, Inflow Depth =
 0.41" for 25-yr event

 Inflow =
 44.14 cfs @
 0.25 hrs, Volume=
 39,730 cf

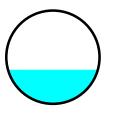
 Outflow =
 44.06 cfs @
 0.25 hrs, Volume=
 39,731 cf, Atten= 0%, Lag= 0.0 min

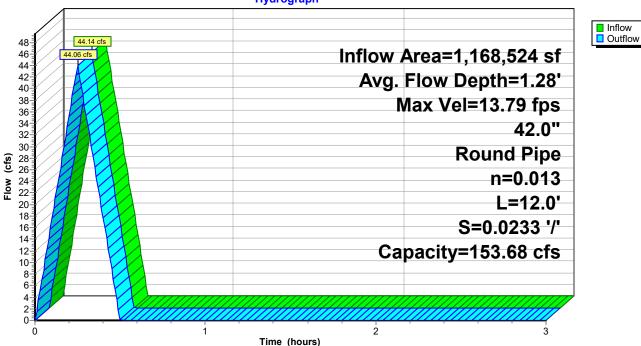
 Routed to Reach A2 : Pipe A2
 Routed to Reach A2 : Pipe A2
 100% for 25 hrs, Volume=

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 13.79 fps, Min. Travel Time= 0.0 min Avg. Velocity = 10.71 fps, Avg. Travel Time= 0.0 min

Peak Storage= 38 cf @ 0.25 hrs Average Depth at Peak Storage= 1.28', Surface Width= 3.37' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 153.68 cfs

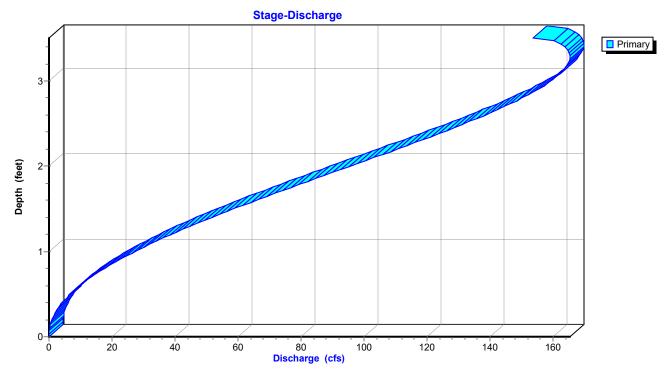
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 12.0' Slope= 0.0233 '/' Inlet Invert= 413.00', Outlet Invert= 412.72'





Reach A1: Pipe A1

Hydrograph



Reach A1: Pipe A1

Springhill Retail

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Stage-Area-Storage for Reach A1: Pipe A1

Flovetion	End Area	Storage		End Area	Storage
(feet)	End-Area (sq-ft)	Storage (cubic-feet)	(feet)	End-Area (sq-ft)	Storage (cubic-feet)
413.00	0.0	0	415.60	7.7	<u>(cubic-ieet)</u> 92
413.05	0.0	0	415.65	7.8	92
413.10	0.0	1	415.70	8.0	96
413.15	0.1	2	415.75	8.1	97
413.20	0.2	3	415.80	8.3	99
413.25	0.3	4	415.85	8.4	101
413.30	0.4	5	415.90	8.5	102
413.35	0.5	6	415.95	8.7	104
413.40	0.6	7	416.00	8.8	105
413.45	0.7	9	416.05	8.9	107
413.50	0.8	10	416.10	9.0	108
413.55	1.0	12	416.15	9.1	109
413.60	1.1	13	416.20	9.2	111
413.65	1.2	15	416.25	9.3	112
413.70	1.4	16	416.30	9.4	113
413.75	1.5	18	416.35	9.5	114
413.80	1.7	20	416.40	9.5	115
413.85	1.8	22	416.45	9.6	115
413.90	2.0	23	416.50	9.6	115
413.95	2.1	25			
414.00	2.3	27			
414.05	2.4	29			
414.10	2.6	31			
414.15	2.8	33			
414.20	2.9	35			
414.25	3.1	37			
414.30	3.3	39			
414.35	3.4	41			
414.40	3.6	43 45			
414.45 414.50	3.8 3.9	45 47			
414.55	4.1	49			
414.60	4.1	51			
414.65	4.5	54			
414.70	4.6	56			
414.75	4.8	58			
414.80	5.0	60			
414.85	5.2	62			
414.90	5.3	64			
414.95	5.5	66			
415.00	5.7	68			
415.05	5.9	70			
415.10	6.0	72			
415.15	6.2	74			
415.20	6.4	76			
415.25	6.5	78			
415.30	6.7	80			
415.35	6.9	82			
415.40	7.0	84			
415.45	7.2	86 88			
415.50 415.55	7.4 7.5	88 90			
415.55	7.5	90			
			I		

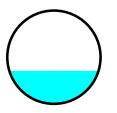
Summary for Reach A2: Pipe A2

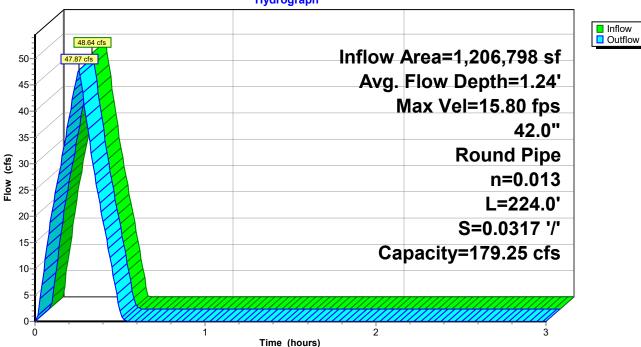
Inflow Area = 1,206,798 sf, 3.17% Impervious, Inflow Depth = 0.44" for 25-yr event Inflow 48.64 cfs @ 0.25 hrs. Volume= 43.852 cf = Outflow 0.26 hrs, Volume= = 47.87 cfs @ 43,852 cf, Atten= 2%, Lag= 0.4 min Routed to Reach A3 : Pipe A2

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 15.80 fps, Min. Travel Time= 0.2 min Avg. Velocity = 8.94 fps, Avg. Travel Time= 0.4 min

Peak Storage= 683 cf @ 0.25 hrs Average Depth at Peak Storage= 1.24', Surface Width= 3.35' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 179.25 cfs

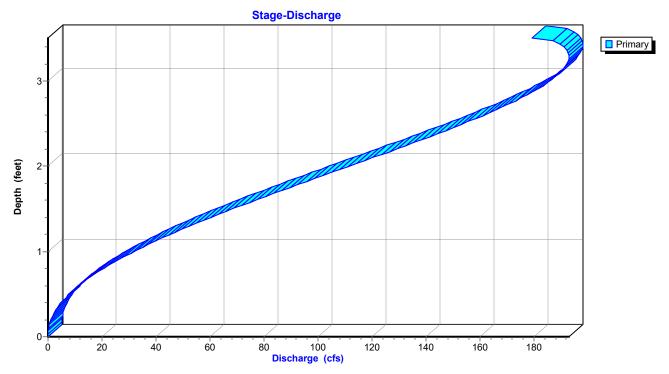
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 224.0' Slope= 0.0317 '/' Inlet Invert= 412.52', Outlet Invert= 405.41'





Reach A2: Pipe A2

Hydrograph



Reach A2: Pipe A2

Springhill Retail

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Stage-Area-Storage for Reach A2: Pipe A2

Elovation	End-Area	Storage	Elovation	End-Area	Storage
(feet)	(sq-ft)	(cubic-feet)	(feet)	(sq-ft)	(cubic-feet)
412.52	0.0	0	415.12	7.7	1,717
412.57	0.0	6	415.17	7.8	1,751
412.62	0.1	18	415.22	8.0	1,784
412.67	0.1	32	415.27	8.1	1,816
412.72	0.2	49	415.32	8.3	1,848
412.77	0.3	68	415.37	8.4	1,879
412.82	0.4	90	415.42	8.5	1,909
412.87	0.5	112	415.47	8.7	1,938
412.92	0.6	136	415.52	8.8	1,966
412.97	0.7	162	415.57	8.9	1,993
413.02	0.8	189	415.62	9.0	2,019
413.07	1.0	217	415.67	9.1	2,043
413.12	1.1	246	415.72	9.2	2,066
413.17	1.2	276	415.77	9.3	2,087
413.22	1.4	307	415.82	9.4	2,106
413.27	1.5 1.7	339	415.87	9.5	2,123
413.32 413.37	1.7	371 404	415.92 415.97	9.5 9.6	2,138 2,149
413.42	2.0	438	416.02	9.0 9.6	2 ,149 2,155
413.47	2.0	473	410.02	5.0	2,133
413.52	2.3	508			
413.57	2.4	544			
413.62	2.6	580			
413.67	2.8	617			
413.72	2.9	654			
413.77	3.1	691			
413.82	3.3	729			
413.87	3.4	767			
413.92	3.6	805			
413.97	3.8	844			
414.02	3.9	882			
414.07	4.1	921			
414.12	4.3	960			
414.17	4.5 4.6	999			
414.22 414.27	4.0	1,038 1,078			
414.32	4.0 5.0	1,117			
414.37	5.2	1,156			
414.42	5.3	1,195			
414.47	5.5	1,234			
414.52	5.7	1,273			
414.57	5.9	1,312			
414.62	6.0	1,350			
414.67	6.2	1,388			
414.72	6.4	1,426			
414.77	6.5	1,464			
414.82	6.7	1,502			
414.87	6.9	1,539			
414.92	7.0	1,575			
414.97	7.2	1,611			
415.02 415.07	7.4 7.5	1,647 1,682			
+15.07	7.5	1,002			
			I		

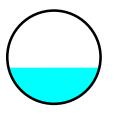
Summary for Reach A3: Pipe A2

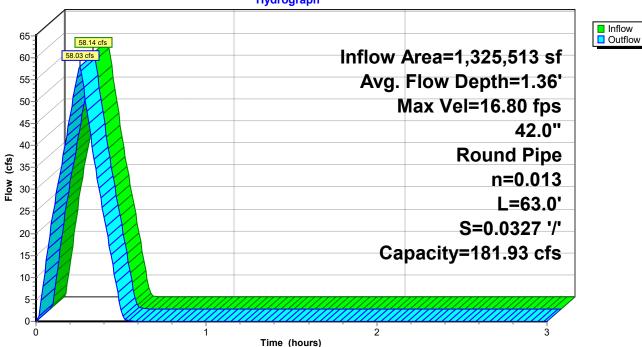
Inflow Area = 1,325,513 sf, 6.94% Impervious, Inflow Depth = 0.48" for 25-yr event Inflow 58.14 cfs @ 0.25 hrs. Volume= 53.270 cf = Outflow 0.26 hrs, Volume= = 58.03 cfs @ 53,270 cf, Atten= 0%, Lag= 0.1 min Routed to Pond Pond : Regional Detention Basin

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 16.80 fps, Min. Travel Time= 0.1 min Avg. Velocity = 9.35 fps, Avg. Travel Time= 0.1 min

Peak Storage= 218 cf @ 0.26 hrs Average Depth at Peak Storage= 1.36', Surface Width= 3.41' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 181.93 cfs

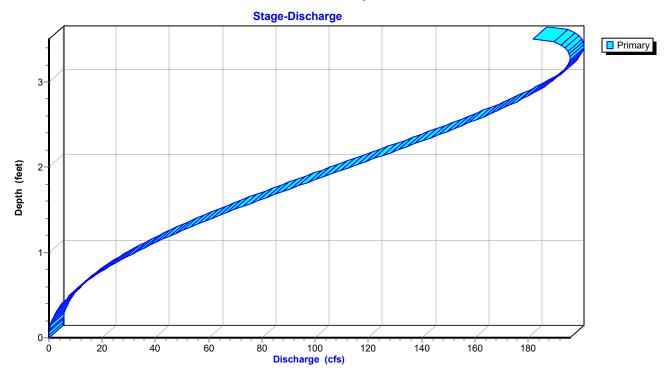
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 63.0' Slope= 0.0327 '/' Inlet Invert= 405.31', Outlet Invert= 403.25'





Reach A3: Pipe A2

Hydrograph



Reach A3: Pipe A2

Springhill Retail

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Stage-Area-Storage for Reach A3: Pipe A2

Elevation	End-Area	Storago	Flovation	End-Area	Storago
(feet)	(sq-ft)	Storage (cubic-feet)	(feet)	(sq-ft)	Storage (cubic-feet)
405.31	0.0	0	407.91	<u>(34-11)</u> 7.7	483
405.36	0.0	2	407.91	7.8	403
405.41	0.0	5	408.01	8.0	502
405.46	0.1	9	408.06	8.1	511
405.51	0.1	14	408.11	8.3	520
405.56	0.2	19	408.16	8.4	529
405.61	0.4	25	408.21	8.5	537
405.66	0.5	32	408.26	8.7	545
405.71	0.6	38	408.31	8.8	553
405.76	0.7	46	408.36	8.9	561
405.81	0.8	53	408.41	9.0	568
405.86	1.0	61	408.46	9.1	575
405.91	1.1	69	408.51	9.2	581
405.96	1.2	78	408.56	9.3	587
406.01	1.4	86	408.61	9.4	592
406.06	1.5	95	408.66	9.5	597
406.11	1.7	104	408.71	9.5	601
406.16	1.8	114	408.76	9.6	604
406.21	2.0	123	408.81	9.6	606
406.26	2.1	133			
406.31	2.3	143			
406.36	2.4	153			
406.41	2.6	163			
406.46	2.8	173			
406.51	2.9	184			
406.56	3.1	194			
406.61	3.3	205			
406.66	3.4	216			
406.71	3.6	226			
406.76	3.8	237			
406.81	3.9	248			
406.86	4.1	259			
406.91	4.3	270			
406.96	4.5	281			
407.01	4.6	292			
407.06	4.8	303			
407.11	5.0	314			
407.16	5.2	325			
407.21	5.3 5.5	336			
407.26 407.31		347			
407.31	5.7 5.9	358 369			
407.30	5.9 6.0	380			
407.41	6.2	390			
407.40	6.4	401			
407.56	0.4 6.5	412			
407.61	6.7	422			
407.66	6.9	433			
407.71	7.0	400			
407.76	7.2	453			
407.81	7.4	463			
407.86	7.5	473			
		•			

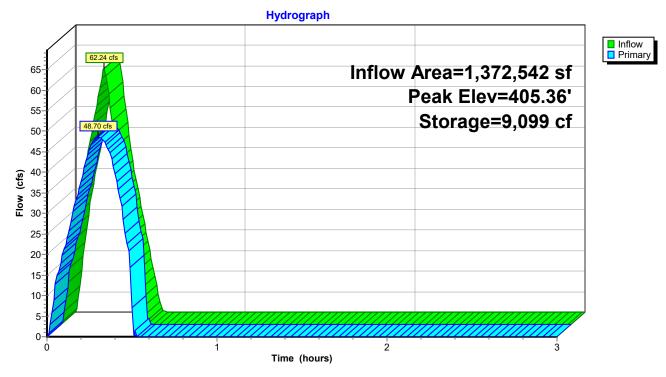
Summary for Pond Pond: Regional Detention Basin

Inflow Area	a =	1,372,542 sf,	6.70% Impervious,	Inflow Depth = 0.50" for 25-yr event
Inflow	=	62.24 cfs @	0.25 hrs, Volume=	57,321 cf
Outflow	=	48.70 cfs @	0.30 hrs, Volume=	57,371 cf, Atten= 22%, Lag= 2.9 min
Primary	=	48.70 cfs @	0.30 hrs, Volume=	57,371 cf

Routing by Stor-Ind method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Peak Elev= 405.36' @ 0.30 hrs Storage= 9,099 cf

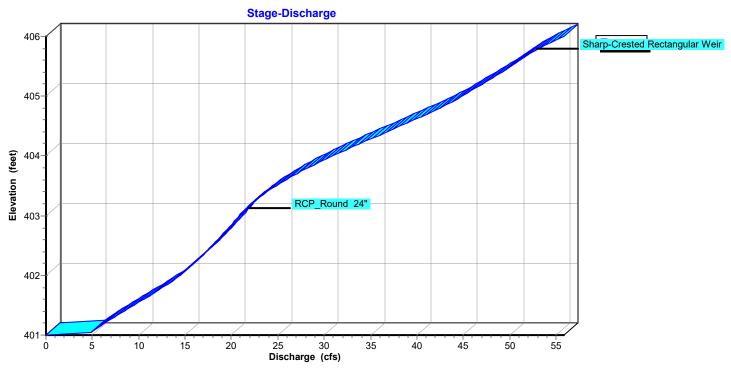
Plug-Flow detention time= 2.1 min calculated for 57,180 cf (100% of inflow) Center-of-Mass det. time= 2.1 min (17.0 - 14.8)

Volume	Invert	Avail.Sto	rage	Storage Description			
#1	401.00'	12,8 ⁻	12 cf	Custom Stage Data Listed below			
Elevation (feet	-	.Store <u>>-feet)</u>					
401.0	D	0					
402.0	D	103					
403.0	•	803					
404.0		2,704					
405.0		7,038					
406.0	J 1	2,812					
Device	Routing	Invert	Out	et Devices			
#1	Primary	400.10'		" Round RCP_Round 24"			
#2	Primary	403.02'	Inlet n= (24.0 L= 3 Inlet	100.0' RCP, end-section conforming to fill, Ke= 0.500 t / Outlet Invert= 400.10' / 397.97' S= 0.0213 '/' Cc= 0.900 0.013 Corrugated PE, smooth interior, Flow Area= 3.14 sf " Round RCP_Round 24" 85.0' RCP, end-section conforming to fill, Ke= 0.500 t / Outlet Invert= 403.02' / 401.73' S= 0.0369 '/' Cc= 0.900 0.013 Concrete pipe, bends & connections, Flow Area= 3.14 sf			
#3	Primary	405.69'		Iong Sharp-Crested Rectangular Weir 2 End Contraction(s)			
Primary OutFlow Max=48.68 cfs @ 0.30 hrs HW=405.35' (Free Discharge) -1=RCP_Round 24" (Inlet Controls 31.20 cfs @ 9.93 fps) -2=RCP_Round 24" (Inlet Controls 17.48 cfs @ 5.56 fps) -3=Sharp-Crested Rectangular Weir (Controls 0.00 cfs)							



Pond Pond: Regional Detention Basin

Pond Pond: Regional Detention Basin



Stage-Area-Storage for Pond Pond: Regional Detention Basin

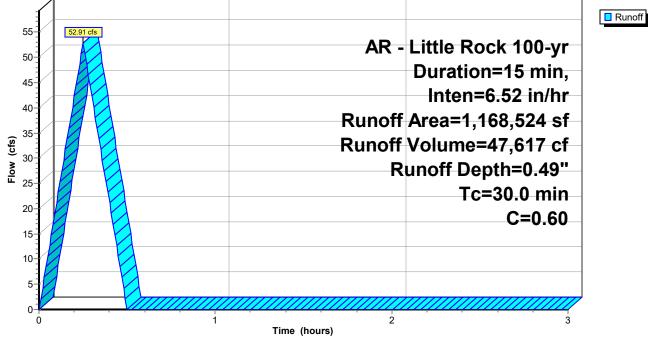
Elevation	Storage	Elevation	Storage
(feet)	(cubic-feet)	(feet)	(cubic-feet)
401.00	0	403.60	1,944
401.05	5	403.65	2,039
401.10	10	403.70	2,134
401.15	15	403.75	2,229
401.20	21	403.80	2,324
401.25	26	403.85	2,324
401.30	31	403.90	2,514
401.35	36	403.90	2,609
401.40	41	403.93	2,009
401.45	46		2,921
401.50	40 52	404.05	
		404.10	3,137
401.55	57	404.15	3,354
401.60	62	404.20	3,571
401.65	67	404.25	3,788
401.70	72	404.30	4,004
401.75	77	404.35	4,221
401.80	82	404.40	4,438
401.85	88	404.45	4,654
401.90	93	404.50	4,871
401.95	98	404.55	5,088
402.00	103	404.60	5,304
402.05	138	404.65	5,521
402.10	173	404.70	5,738
402.15	208	404.75	5,955
402.20	243	404.80	6,171
402.25	278	404.85	6,388
402.30	313	404.90	6,605
402.35	348	404.95	6,821
402.40	383	405.00	7,038
402.45	418	405.05	7,327
402.50	453	405.10	7,615
402.55	488	405.15	7,904
402.60	523	405.20	8,193
402.65	558	405.25	8,482
402.70	593	405.30	8,770
402.75	628	405.35	9,059
402.80	663	405.40	9,348
402.85	698	405.45	9,636
402.90	733	405.50	9,925
402.95	768	405.55	10,214
403.00	803	405.60	10,502
403.05	898	405.65	10,791
403.10	993	405.70	11,080
403.15	1,088	405.75	11,369
403.20	1,183	405.80	11,657
403.25	1,278	405.85	11,946
403.30	1,373	405.90	12,235
403.35	1,468	405.95	12,523
403.40	1,563	406.00	12,812
403.45	1,658		
403.50	1,754		
403.55	1,849		

Summary for Subcatchment ARDOT: ARDOT Offsite

Runoff = 52.91 cfs @ 0.25 hrs, Volume= 47,617 cf, Depth= 0.49" Routed to Reach A1 : Pipe A1

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 100-yr Duration=15 min, Inten=6.52 in/hr

Area (sf	С	Descriptior	า					
1,168,524	0.60							
1,168,524	1,168,524 100.00% Pervious Area							
Tc Lengt (min) (fee			Capacity (cfs)	Description				
30.0	, , , , , , , , , , , , , , , , , , ,		· · · ·	Direct Entry,				
Subcatchment ARDOT: ARDOT Offsite								
				Runoff				



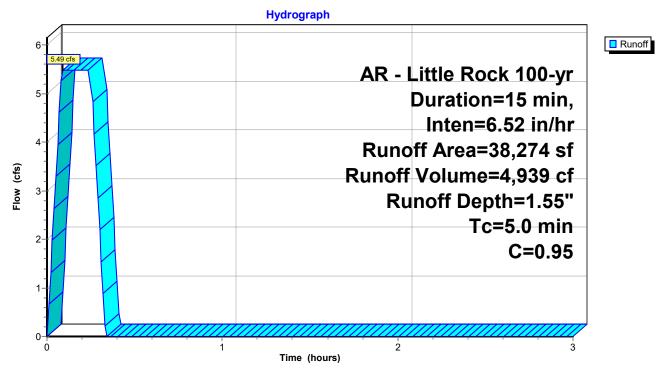
Summary for Subcatchment M&F: Merchants and Farmers

Runoff = 5.49 cfs @ 0.09 hrs, Volume= 4,939 cf, Depth= 1.55" Routed to Reach A2 : Pipe A2

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 100-yr Duration=15 min, Inten=6.52 in/hr

Α	rea (sf)	С	Descriptior	ı					
	38,274	0.95	Developed Site						
	38,274		100.00% Ir	npervious A	Area				
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description				
5.0					Direct Entry,				

Subcatchment M&F: Merchants and Farmers

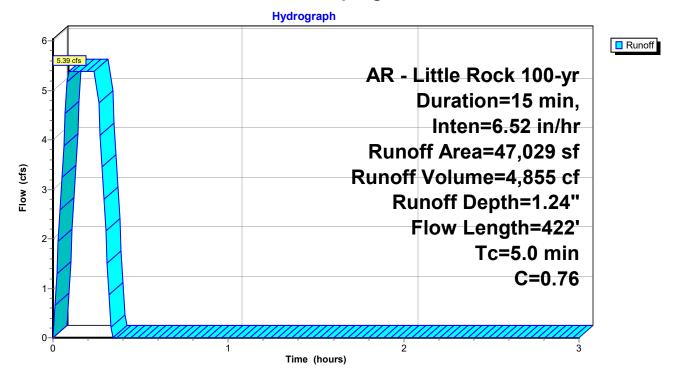


Summary for Subcatchment SR: Springhill Retail Post

Runoff = 5.39 cfs @ 0.09 hrs, Volume= 4,855 cf, Depth= 1.24" Routed to Pond Pond : Regional Detention Basin

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 100-yr Duration=15 min, Inten=6.52 in/hr

A	rea (sf)	С	Descriptior	1	
	1,511	0.86	Existing Dr	ive	
	33,632	0.92	Drives, Ro	of, Sidewall	ks
	11,886	0.30	Landscape	d Areas	
	47,029	0.76	Weighted A	Average	
	47,029		100.00% P	ervious Are	ea
т.	1 41.		M. L	0	Description
Tc	Length	Slope	•	Capacity	Description
(min)	(feet)	(ft/ft)	(ft/sec)	(cfs)	
0.8	82	0.0290	1.76		Sheet Flow, Asphalt Sheet Flow
					Smooth surfaces n= 0.011 P2= 4.19"
0.8	87	0.0080	1.82		Shallow Concentrated Flow, Gutter
					Paved Kv= 20.3 fps
0.1	19	0.0210	2.94		Shallow Concentrated Flow, Concentrated Pavement Flow
					Paved Kv= 20.3 fps
1.0	197	0.0250	3.21		Shallow Concentrated Flow, Gutter
					Paved Kv= 20.3 fps
0.3	37	0.0130	2.31		Shallow Concentrated Flow, Gutter
					Paved Kv= 20.3 fps
2.0					Direct Entry, Minimum adjustment
5.0	422	Total			



Subcatchment SR: Springhill Retail Post

Printed 5/22/2024

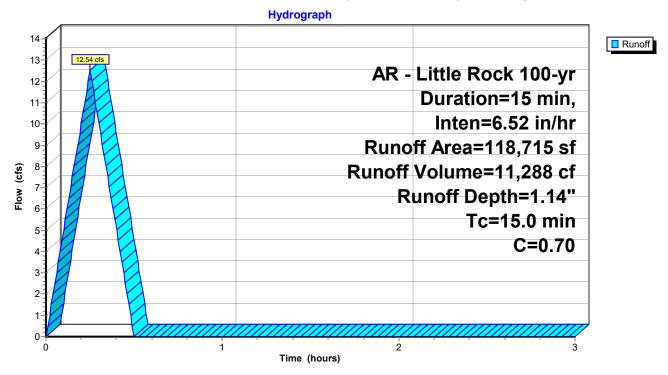
Summary for Subcatchment WestProp: West Adjacent Property Drainage Basin

Runoff = 12.54 cfs @ 0.25 hrs, Volume= Routed to Reach A3 : Pipe A2 11,288 cf, Depth= 1.14"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs AR - Little Rock 100-yr Duration=15 min, Inten=6.52 in/hr

Α	rea (sf)	С	Description	า	
	65,063	0.50	Pervious A	reas	
	53,652	0.95	Rooftop/Pa	aving	
	118,715	0.70	Weighted A	Average	
	65,063		54.81% Pe	rvious Area	a
	53,652		45.19% lm	pervious Ar	rea
Тс	Length	Slope	Velocity	Capacity	Description
(min)	(feet)	(ft/ft)		(cfs)	Description
15.0	(1001)	(1010)	(1,000)	(010)	Direct Entry,
15.0					Direct Litti y,

Subcatchment WestProp: West Adjacent Property Drainage Basin



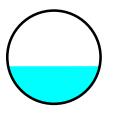
Summary for Reach A1: Pipe A1

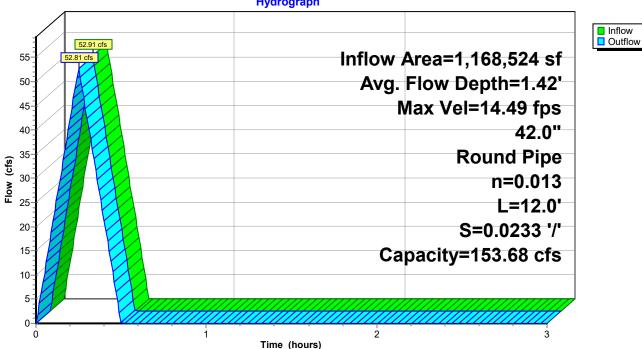
Inflow Area = 1,168,524 sf, 0.00% Impervious, Inflow Depth = 0.49" for 100-yr event Inflow 52.91 cfs @ 0.25 hrs. Volume= 47.617 cf = Outflow 0.25 hrs, Volume= 47,619 cf, Atten= 0%, Lag= 0.0 min = 52.81 cfs @ Routed to Reach A2 : Pipe A2

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 14.49 fps, Min. Travel Time= 0.0 min Avg. Velocity = 11.28 fps, Avg. Travel Time= 0.0 min

Peak Storage= 44 cf @ 0.25 hrs Average Depth at Peak Storage= 1.42', Surface Width= 3.44' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 153.68 cfs

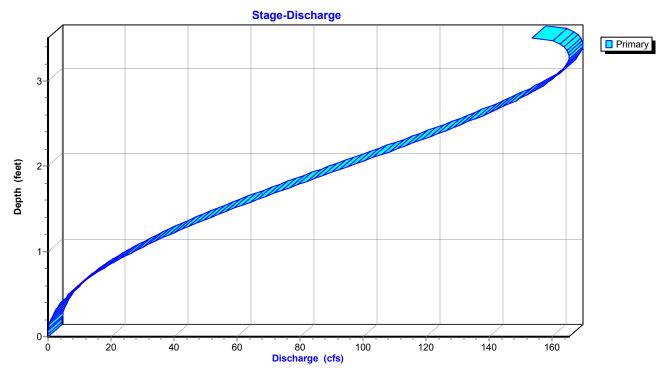
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 12.0' Slope= 0.0233 '/' Inlet Invert= 413.00', Outlet Invert= 412.72'





Reach A1: Pipe A1

Hydrograph



Reach A1: Pipe A1

Springhill Retail Prepared by Phillip Lewis Engineering HydroCAD® 10.20-2f s/n 12520 © 2022 HydroCAD Software Solutions LLC

Stage-Area-Storage for Reach A1: Pipe A1

					<u>C</u> (
	End-Area	Storage	Elevation		Storage
(feet)	(sq-ft)	(cubic-feet)	(feet)	(sq-ft)	(cubic-feet)
413.00	0.0	0	415.60	7.7	92
413.05	0.0	0	415.65	7.8	94
413.10	0.1	1	415.70	8.0	96
413.15	0.1	2	415.75	8.1	97
413.20	0.2	3	415.80	8.3	99
413.25	0.3	4	415.85	8.4	101
413.30	0.4	5	415.90	8.5	102
413.35	0.5	6	415.95	8.7	104
413.40	0.6	7	416.00	8.8	105
413.45	0.7	9	416.05	8.9	107
413.50	0.8	10	416.10	9.0	108
413.55	1.0	12	416.15	9.1	109
413.60	1.1	13	416.20	9.2	111
413.65	1.2	15	416.25	9.3	112
413.70	1.4	16	416.30	9.4	113
413.75	1.5	18	416.35	9.5	114
413.80	1.7	20	416.40	9.5	115
413.85	1.8	22	416.45	9.6	115
413.90	2.0	23	416.50	9.6	115
413.95	2.1	25			
414.00	2.3	27			
414.05	2.4	29			
414.10	2.6	31			
414.15	2.8	33			
414.20	2.9	35			
414.25	3.1	37			
414.30	3.3	39			
414.35	3.4	41			
414.40	3.6	43			
414.45	3.8	45			
414.50	3.9	47			
414.55	4.1	49			
414.60	4.3	51			
414.65	4.5	54			
414.70	4.6	56			
414.75	4.8	58			
414.80	5.0	60			
414.85	5.2	62			
414.90	5.3	64			
414.95	5.5	66			
415.00	5.7	68			
415.05	5.9	70			
415.10	6.0	72			
415.15	6.2	74			
415.20	6.4	76			
415.25	6.5	78			
415.30	6.7	80			
415.35	6.9	82			
415.40	7.0	84			
415.45	7.2	86			
415.50	7.4	88			
415.55	7.5	90			
		I			

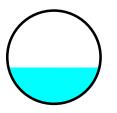
Summary for Reach A2: Pipe A2

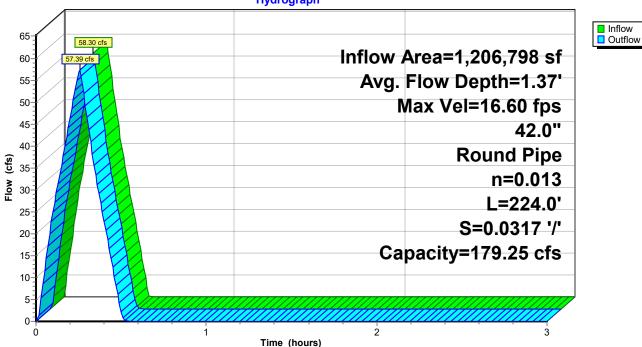
Inflow Area = 1,206,798 sf, 3.17% Impervious, Inflow Depth = 0.52" for 100-yr event Inflow 58.30 cfs @ 0.25 hrs. Volume= 52.558 cf = Outflow 0.26 hrs, Volume= = 57.39 cfs @ 52,558 cf, Atten= 2%, Lag= 0.4 min Routed to Reach A3 : Pipe A2

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 16.60 fps, Min. Travel Time= 0.2 min Avg. Velocity = 9.39 fps, Avg. Travel Time= 0.4 min

Peak Storage= 779 cf @ 0.25 hrs Average Depth at Peak Storage= 1.37', Surface Width= 3.42' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 179.25 cfs

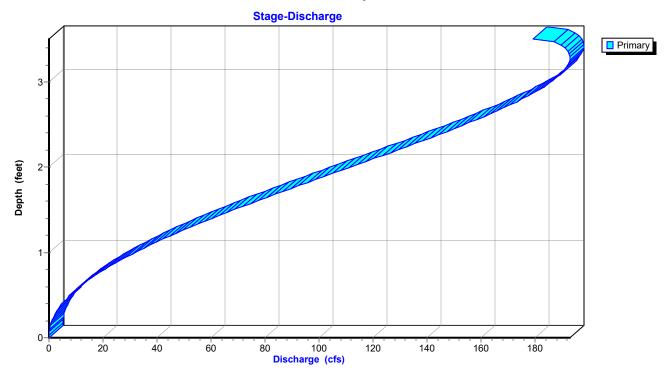
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 224.0' Slope= 0.0317 '/' Inlet Invert= 412.52', Outlet Invert= 405.41'





Reach A2: Pipe A2

Hydrograph



Reach A2: Pipe A2

Springhill Retail AR - Little Rock 100-yr Duration=15 min, Inten=6.52 in/hr Prepared by Phillip Lewis Engineering HydroCAD® 10.20-2f s/n 12520 © 2022 HydroCAD Software Solutions LLC Printed 5/22/2024

Stage-Area-Storage for Reach A2: Pipe A2

		01			01
	End-Area	Storage		End-Area	Storage
(feet)	(sq-ft)	(cubic-feet)	(feet)	(sq-ft)	(cubic-feet)
412.52 412.57	0.0 0.0	0 6	415.12 415.17	7.7 7.8	1,717 1,751
412.57	0.0	18	415.17	7.8 8.0	1,784
412.02	0.1	32	415.22	8.1	1,816
412.07	0.1	49	415.27	8.3	1,848
412.72	0.2	68	415.32	8.4	1,879
412.77	0.3	90	415.37	8.5	1,909
412.82	0.4	112	415.42	8.7	1,938
412.07	0.5	136	415.52	8.8	1,966
412.92	0.0	162	415.52	8.9	1,993
412.97	0.7	189	415.62	9.0	2,019
413.07	1.0	217	415.67	9.1	2,013
413.12	1.0	246	415.72	9.1	2,043
413.12	1.1	276	415.72	9.2	2,000
413.22	1.4	307	415.82	9.4	2,007
413.27	1.5	339	415.87	9. 4 9.5	2,100
413.32	1.7	371	415.92	9.5	2,123
413.37	1.8	404	415.97	9.6	2,149
413.42	2.0	438	416.02	9.6	2,155
413.47	2.1	473	110.02	0.0	2,100
413.52	2.3	508			
413.57	2.4	544			
413.62	2.6	580			
413.67	2.8	617			
413.72	2.9	654			
413.77	3.1	691			
413.82	3.3	729			
413.87	3.4	767			
413.92	3.6	805			
413.97	3.8	844			
414.02	3.9	882			
414.07	4.1	921			
414.12	4.3	960			
414.17	4.5	999			
414.22	4.6	1,038			
414.27	4.8	1,078			
414.32	5.0	1,117			
414.37	5.2	1,156			
414.42	5.3	1,195			
414.47	5.5	1,234			
414.52	5.7	1,273			
414.57	5.9	1,312			
414.62	6.0	1,350			
414.67	6.2	1,388			
414.72	6.4	1,426			
414.77	6.5	1,464			
414.82	6.7	1,502			
414.87	6.9	1,539			
414.92	7.0	1,575			
414.97	7.2	1,611			
415.02	7.4	1,647			
415.07	7.5	1,682			
			l		

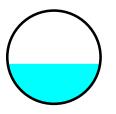
Summary for Reach A3: Pipe A2

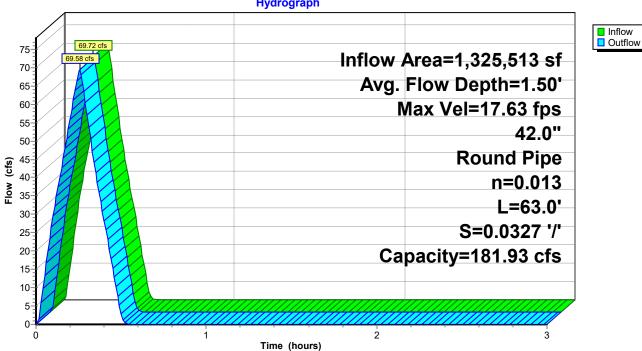
Inflow Area = 1,325,513 sf, 6.94% Impervious, Inflow Depth = 0.58" for 100-yr event Inflow 69.72 cfs @ 0.25 hrs. Volume= 63.846 cf = Outflow 0.26 hrs, Volume= = 69.58 cfs @ 63,846 cf, Atten= 0%, Lag= 0.1 min Routed to Pond Pond : Regional Detention Basin

Routing by Stor-Ind+Trans method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Max. Velocity= 17.63 fps, Min. Travel Time= 0.1 min Avg. Velocity = 9.81 fps, Avg. Travel Time= 0.1 min

Peak Storage= 249 cf @ 0.26 hrs Average Depth at Peak Storage= 1.50', Surface Width= 3.46' Bank-Full Depth= 3.50' Flow Area= 9.6 sf, Capacity= 181.93 cfs

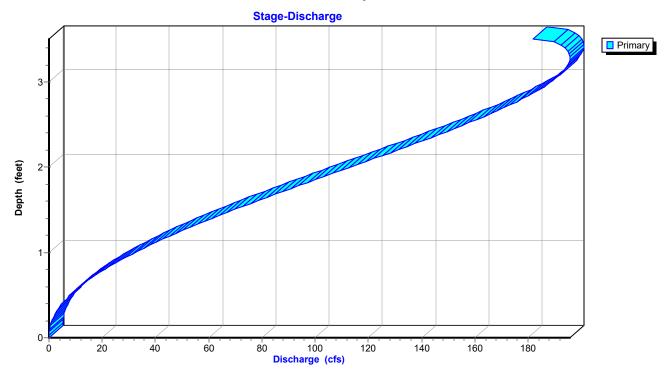
42.0" Round Pipe n= 0.013 Concrete pipe, bends & connections Length= 63.0' Slope= 0.0327 '/' Inlet Invert= 405.31', Outlet Invert= 403.25'





Reach A3: Pipe A2

Hydrograph



Reach A3: Pipe A2

Springhill RetailAR - Little Rock 100-yr Duration=15 min, Inten=6.52 in/hrPrepared by Phillip Lewis EngineeringPrinted 5/22/2024HydroCAD® 10.20-2f s/n 12520 © 2022 HydroCAD Software Solutions LLCPrinted 5/22/2024

		J -			
Elevation	End-Area	Storage	Elevation	End-Area	Storage
(feet)	(sq-ft)	(cubic-feet)	(feet)	(sq-ft)	(cubic-feet)
405.31	0.0	0	407.91	7.7	483
405.36	0.0	2	407.96	7.8	492
405.41	0.1	5	408.01	8.0	502
405.46	0.1	9	408.06	8.1	511
405.51	0.2	14	408.11	8.3	520
405.56	0.3	19	408.16	8.4	529
405.61	0.4	25	408.21	8.5	537
405.66	0.5	32	408.26	8.7	545
405.71	0.6	38	408.31	8.8	553
405.76	0.7	46	408.36	8.9	561
405.81	0.8	53	408.41	9.0	568
405.86 405.91	1.0	61	408.46 408.51	9.1	575
405.91	1.1 1.2	69 78	408.51	9.2 9.3	581 587
405.90	1.2	86	408.50	9.3 9.4	592
406.06	1.4	95	408.66	9.4 9.5	592
406.11	1.7	104	408.71	9.5	601
406.16	1.8	114	408.76	9.6	604
406.21	2.0	123	408.81	9.6	606
406.26	2.1	133			
406.31	2.3	143			
406.36	2.4	153			
406.41	2.6	163			
406.46	2.8	173			
406.51	2.9	184			
406.56	3.1	194			
406.61	3.3	205			
406.66	3.4	216			
406.71	3.6	226			
406.76	3.8	237			
406.81 406.86	3.9 4.1	248 259			
406.80	4.1	239			
406.96	4.5	281			
407.01	4.6	292			
407.06	4.8	303			
407.11	5.0	314			
407.16	5.2	325			
407.21	5.3	336			
407.26	5.5	347			
407.31	5.7	358			
407.36	5.9	369			
407.41	6.0	380			
407.46	6.2	390			
407.51	6.4	401			
107 50	6 F	110			

412

422

433

443

453

463

473

407.56

407.61

407.66

407.71 407.76

407.81

407.86

6.5

6.7

6.9

7.0

7.2

7.4

7.5

Stage-Area-Storage for Reach A3: Pipe A2

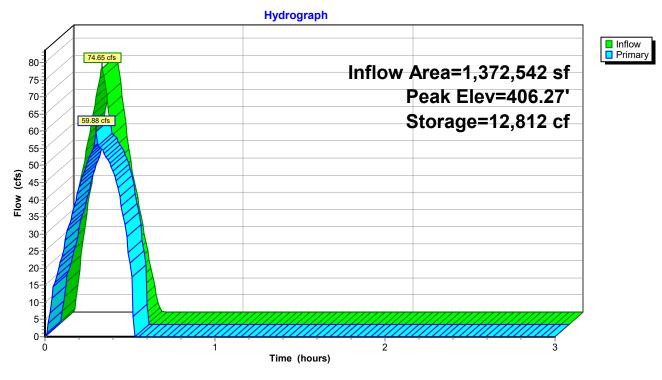
Summary for Pond Pond: Regional Detention Basin

Inflow Are	a =	1,372,542 sf,	6.70% Impervious,	Inflow Depth = 0.60" for 100-yr event
Inflow	=	74.65 cfs @	0.25 hrs, Volume=	68,701 cf
Outflow	=	59.88 cfs @	0.30 hrs, Volume=	68,780 cf, Atten= 20%, Lag= 2.8 min
Primary	=	59.88 cfs @	0.30 hrs, Volume=	68,780 cf

Routing by Stor-Ind method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs Peak Elev= 406.27' @ 0.30 hrs Storage= 12,812 cf

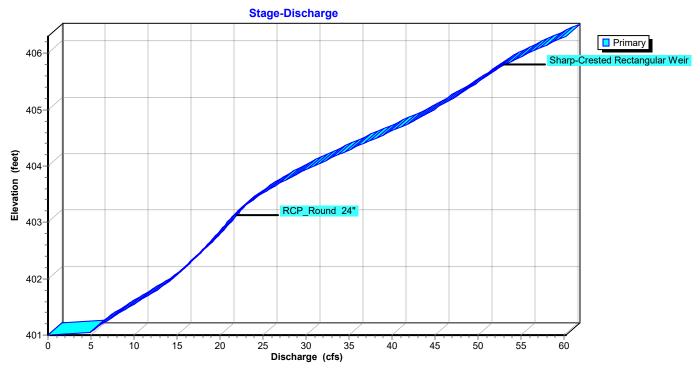
Plug-Flow detention time= 2.7 min calculated for 68,552 cf (100% of inflow) Center-of-Mass det. time= 2.7 min (17.5 - 14.8)

Volume	Invert	Avail.Sto	rage	Storage Description
#1	401.00'	12,8	12 cf	Custom Stage Data Listed below
Elevation (feet	-	Store -feet)		
401.0	0	0		
402.0	D	103		
403.0		803		
404.0		2,704		
405.0		7,038		
406.0	0 1	2,812		
Device	Routing	Invert	Outl	et Devices
#1	Primary	400.10'		" Round RCP_Round 24"
#2	Primary	403.02'	Inlet n= 0 24.0 L= 3 Inlet	100.0' RCP, end-section conforming to fill, Ke= 0.500 t / Outlet Invert= 400.10' / 397.97' S= 0.0213 '/' Cc= 0.900 0.013 Corrugated PE, smooth interior, Flow Area= 3.14 sf " Round RCP_Round 24" 85.0' RCP, end-section conforming to fill, Ke= 0.500 t / Outlet Invert= 403.02' / 401.73' S= 0.0369 '/' Cc= 0.900 0.013 Concrete pipe, bends & connections, Flow Area= 3.14 sf
#3	Primary	405.69'		Iong Sharp-Crested Rectangular Weir 2 End Contraction(s)
Primary OutFlow Max=59.82 cfs @ 0.30 hrs HW=406.27' (Free Discharge) -1=RCP_Round 24" (Inlet Controls 34.40 cfs @ 10.95 fps) -2=RCP_Round 24" (Inlet Controls 22.69 cfs @ 7.22 fps) -3=Sharp-Crested Rectangular Weir (Weir Controls 2.73 cfs @ 2.49 fps)				



Pond Pond: Regional Detention Basin

Pond Pond: Regional Detention Basin



Stage-Area-Storage for Pond Pond: Regional Detention Basin

Storage (cubic-feet)

12,812

12,812

12,812

ElevationStorage (feet)ElevationStorage (feet)Elevation (cubic-feet) (feet) 401.00 0 403.60 1.944 406.20 401.05 5 403.65 2.039 406.25 401.10 10 403.70 2.134 406.20 401.20 21 403.80 2.324 406.30 401.25 26 403.85 2.419 406.30 401.35 36 403.95 2.609 401.40 401.40 41 404.00 2.704 401.45 46 404.05 2.921 401.50 52 404.10 3.137 401.55 57 404.15 3.354 401.60 62 404.20 3.571 401.85 88 404.45 4.654 401.90 93 404.50 4.871 401.85 88 404.45 4.654 401.90 93 404.55 5.088 402.00 103 404.65 5.521 402.20 243 404.80 6.171 402.25 278 404.85 6.888 402.20 243 404.85 7.327 402.25 403.83 405.07 7.904 402.40 383 405.07 7.904 402.25 488 405.10 7.615 402.20 433 405.55 10.214 402.25 488 405.55 10.214 402.20 433 405.55 10.214 402.25 488					
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May 23, 2024

Colton Leonard Community Development Community development Director cleonard@cityofbryant.com

RE: Springhill Retail

To whom it may concern,

Please accept this letter as our response to the planning/engineering comments regarding the Springhill Retail development. We are requesting to be placed on the next upcoming DRC agenda. Please find our comment responses below.

Public Works

- 1. Show sewer connection and water connection.
- > A Utility Plan has been added to the plan set.

Stormwater

- 1. Ownership of the drainage ditch; Surface and roof water from adjoining sites drains to the ditch. The ditch contains decades of old drainage pipe ranging from ductile iron to corrugated metal.
- This drainage ditch will be changed to a single 38"x60" elliptical culvert with junction boxes to capture all surrounding areas currently draining to this ditch. Please reference the attached drainage narrative.
- 2. How will the stormwater water be detained?
- After speaking with representatives of the Stormwater Division, we agreed to excavate and enlarge the southern "regional ponding area" to account for the increased discharge from this development.
- 3. A choke point exists at the Springhill II building complex, drainage from the site and multiple locations including Hwy 5 are all being moved to a 24" inch pipe.
- This 24" culvert will become the "outlet control structure" for the newly enlarged ponding area.

Engineering

- 1. Show culvert at entrance to tract
- > The location of the existing ARDOT culvert is shown on the "Overall Drainage Plan."
 - 2. How is existing storm pipe in northwest corner tied to new 48" storm pipe, or is it?
- The new culvert is not connected to the ARDOT culvert. There is approximately 65 feet between flared ends.
 - 3. Show impact of flows on downstream infrastructure.

- > Drainage calculations have been included in the attached drainage narrative.
- 4. Show drainage calculations to support culvert sizing and lack of detention.
 - > Drainage calculations have been included in the attached drainage narrative.

Com Dev

- 1. Provide a landscape plan for the site
- > A landscape plan has been added to the plan set.
- 2. Fix the verbiage on the plat for the Lots/Tracts. They are each called a different name.
- > Corrected
- 3. On Plat Approval Signature Line, Change the title to Bryant Planning Commission Chairman
- > Corrected
- 4. Show Utility Connections/ Utility Plan
- > A Utility Plan has been added to the plan set.
- 5. Final Plat fee \$27
- Acknowledged
- 6. Discuss Master Pedestrian Plan For Site. Plan Shows Multi-Use trail along this property.
- > It was my understanding this item was removed per discussions with the DRC.

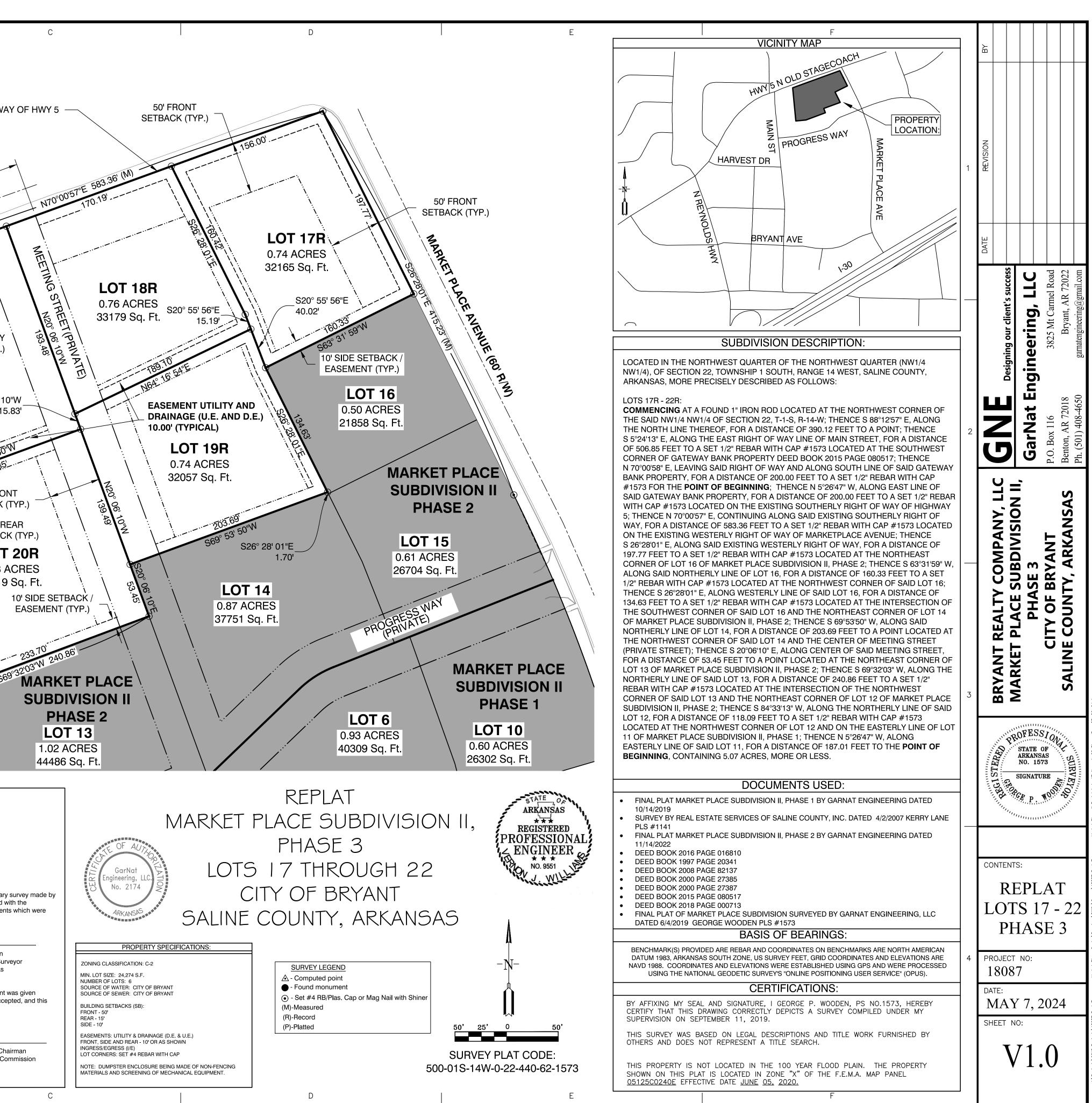
Fire

- 1. Discuss fire hydrant addition for the complex. Maximum distance between hydrants is 500'
- There is an existing hydrant located east of the Merchants & Farmers entrance on Highway 5. This is shown on the utility plan.

This letter accompanies a revised civil plan set, architectural renderings, revised replat of the existing lot, and a drainage summary.

If you have any questions, please give me a call. Sincerely, Phillip Lewis, P.E. 501-350-9840

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		E	XISTING SOUTHERLY RIGHT OF W
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	PLAT CERTIFI		
OWNER: Bryant Realty Company, LLC Name: Bryant Realty Company, LLC Address: 422 North Main Street Benton, AR 72015 CERTIFICATE OF OWNER:	DEVELOPER: Name: Bryant Realty Company, LLC Address: 422 North Main Street Benton, AR 72015	CERTIFICATE OF RECORDIN	I <u>G:</u>
We, the undersigned, owners of the real estat	e shown and described herein do hereby certify that do hereby lay off, plat and subdivide said real estate Signed: Fred Briner, Agent Bryant Realty Company, LLC	me or under my supervision; t description in the deeds cited	IG ACCURACY: certify that this plat correctly represents a boundar hat the boundary lines shown hereon correspond in the above Source of Title; and that all monume ty are correctly described and located.
Source of Title: <u>SALINE COUNTY, ARKANSA</u> 4 Saline County Document# <u>1997-20341</u>	S		George P. Wooden Registered Land St No. 1573, Arkansas
by me or under my supervision; that all monu	blat correctly represents a survey and a plan made Iments shown hereon actually exist and their Iy shown; and that all requirements of the City of	approval by the Bryant Planni	AI APPROVAL: Subdivision Rules and Regulations, this documen ng Commission. All of the document is hereby acc authority of said rules and regulations.
Date:	Signed: Vernon J. Williams Registered Professional Engineer No. 9551, Arkansas	Date:	Signed: Lance Penfield, C Bryant Planning C
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Subdivision Checklist

MARKET PLACE IL PHASE 3 - REPLAT

Approved by Bryant Planning Commission 07/14/2003 Revised 6/18/2007

The attached checklist must be completed by the owner and subdivision engineer and must be submitted along with the Preliminary Plat Plan and other specified documentation for review and approval by the Planning Commission. The owner may not begin developing the subdivision until the review of the Preliminary Plat plan is approved.

<u>No changes or alterations can be made to the approved Preliminary Plat Plan</u> without Planning Commission approval.

When all lots have been surveyed, the utilities and drainage measures are in place, and roads have been constructed, the owner and engineer will submit a Final Plat Plan for approval by the Commission. This Final Plat Plan will incorporate all approved changes and will be verified by the City Engineer. No lots will be sold or rights-of-way and easements conveyed until the Final Plat has been submitted and approved.

Fees due to City of Bryant upon submission of Preliminary Plat application

- \$300.00 + \$3.00 per lot for Subdivision preliminary plat review
- \$250.00 or \$25.00 per lot (whichever is greater) Stormwater Detention and Drainage Plan Engineering Fee
- A Surety Bond or Cashier's check in the amount of 10% of the estimated development cost must be furnished within 10 days after Preliminary Plat approval.

Fees due to Bryant Water and Sewer Department upon submission of Final Plat application

- \$100 per lot Water/Sewer Impact Fee
- \$100 per Subdivision Phase Water/Sewer Flushing Fee

Fees due to City of Bryant upon submission of Final Plat application

• \$25.00 + \$1.00 per lot - for Subdivision Final Plat review

City of Bryant Subdivision Checklist
MARKET PLACE IT SUBDIVISION, PHASE 3
Subdivision/Project Name REPLAT LOTS 17 THROUGH 22
Contact Person VERNON WILLIAMS Phone (501) 408-4650
Mailing Address 3825 MT CARMEL ROAD, BRYANT, AR
72022

I. BASIC INFORMATION NEEDED ON THE PLAT

- Name of Subdivision/Project
- ▲ 2. Current zoning C Z
- ▲ 3. Name and Address of owner of Record
- 4. Illustrate Source of Title giving deed record book and page number
- ▲ 5. Name & address of the sub-divider
- ▲ 6. Date of Survey
- 7. Vicinity map locating streets, highways, section lines, railroad, schools, & parks within ½ mile
- 8. Legal description of the property with exact boundary lines
- Acreage of property
- 10. Number of Lots
- ▲ 11. Lot area in square feet
- 12. Lot lines with appropriate dimensions
- 13. Building setback lines
- 14. Preliminary Engineering certificate seal and signature on each page
- ▲ 15. Certificate of Engineering Accuracy
- 16. Certificate of Owner
- 17. Certificate of Final Plat Approval
- 18. Certificate of Recording
- ▲ 19. Show scale (not less than 1" = 100')
- 20. North Arrow
- ▲ 21. Show Title block
- ▲ 22. Show adjoining property owners
- 23. Layout of all proposed streets including traffic control devices (stop signs, speed limit, etc.)
 24. Layout of all subdivision entrance street upgrades
- 25. Layout of all proposed alleys
- ▲ 26. Layout of all proposed sidewalk systems
- 27. Layout identifies any FEMA flood plain and flood way property within the 100-year flood elevation. (Provide Corp of Engineers 404 Permit if required)
- 28. Drainage easements for stormwater run-off and detention giving dimensions, locations, and purpose
- 29. Layout accommodates Master Street Plan segments within the boundaries
- 30. Street layout ties to existing adjoining subdivision stub-out streets and provides stub-out streets for future adjoining subdivisions.
- ▲ 31. Street width and right-of-way properly shown for each functional classification
- ▲ 32. Street centerlines showing angles of deflection, intersection, radii, length oftangents and arcs, and degree of curvature with basis of curve data
- ▲ 33. Typical cross section of streets
- ▲ 34. Location and name of existing streets
- 35. New street names that are not similar to existing street names
- ▲ 36. Show street lights
- ▲ 37. Show Fire Hydrant placement

- ▲ 38. Show and label all permanent & proposed easements
- ▲ 39. Any proposed open space must be shown
- ▲ 40. Show the direction and flow of all water courses entering the tract
- ▲ 41. Show the direction and flow of all water courses leaving the tract
- ▲ 42. The drainage area of all water courses above the points of entry.
- A 43. The downstream drainage channel and drainage structures substantially impacted by the subdivision/project.
- ▲ 44. Show source of water supply
- ▲ 45. Show location of waste water connection to municipal main & sanitary sewer layout
- ▲ 46. A phasing plan outlining the boundaries for each phase
- II. ADDITIONAL INFORMATION NEEDED, BUT NOT NECESSARILY ON THE PLAT
 - A 47. Natural features within the proposed subdivision including drainage channels, bodies of water, wooded areas, and other significant features
 - 48. Existing streets, buildings, water courses, railroads. Culverts, utilities and easement on and adjacent to the tract.
 - 49. Where method of disposal of wastewater is other than connection to a public waste water system, detailed information shall accompany the plat.
 - ▲ 50. Calculations and field notes, including drainage calculations along with support drawing
 - 51. Stormwater detention plan approval from City Engineer (attach copy of approval)
 - ▲ 52. The Certificate of Preliminary Engineering Accuracy on each set of street and drainage plans.
 - ▲ 53. ADA Accessibility Standard Form completed (and attached)
 - ▲ 54. A Bill of Assurance has been prepared for this subdivision (and attached)
 - ▲ 55. All lots comply with minimum square footage area and minimum lot width at the front building line
 - 56. Street pavement design will be as specified by City or AHTD design procedures, approved by the City Engineer.
 - ▲ 57. Made the "One Call" prior to site clearance or other excavation activity

III. PRELIMINARY PLAT ATTACHMENTS

(APPLICATION WILL NOT BE ACCEPTED UNTIL ALL ATTACHMENT REQUIREMENTS ARE MET)

- ▲ 58. Letter to Planning Commission stating your request
- ▲ 59. Completed Checklist
- ▲ 60. Completed agreement to provide performance assurance
- ▲ 61. Subdivider Performance Bond or Cashier's Check for infrastructure installation
- 62. Landscaping plan of any proposed common open space
- ▲ 63. Draft of Bill of Assurance proposed for the subdivision (if applicable)
- 64. 20 copies of Preliminary Plat Plan (folded) that includes vicinity map (minimum size 17" X 34" paper)
- ▲ 65. <u>Two</u> (2) IBM compatible diskettes or CDR's with pertinent data and Plat in CAD compatible .DXF electronic file format
- ▲ 66. Copy of Stormwater Detention approval
- ▲ 67. 2 copies Plan and profile of all streets
- ▲ 68. Receipt for \$300.00 + \$3.00 per lot for preliminary Subdivision fee
- ▲ 69. Receipt for \$250.00 or \$25.00 per lot (whichever is greater) for Stormwater Detention and Drainage Plan review
- 70. Copy of ADEQ Stormwater Pollution Prevention Plan for property parcel containing one acre or larger.

III. FINAL PLAT ATTACHMENTS

(APPLICATION WILL NOT BE ACCEPTED UNTIL ALL ATTACHMENT REQUIREMENTS ARE MET)

- ▲ 71. Letter to Planning Commission stating your request
- ▲ 72. Completed Checklist

MARKET PLACE

- ▲ 73. 20 copies of Final Plat Plan (folded) that includes vicinity map (minimum size 17" X 34" paper)
- 74. <u>Two</u> (2) IBM compatible diskettes or CDR's with pertinent data and Plat in CAD compatible .DXF electronic file format
- 75. Bill of Assurance including provisions set out in Title 15 Subdivision Regulations 15.16.01
- ▲ 76. Copy of Water & Sewer Commission approval or....
- ▲ 77. State Health Department approval of any new water supply and/or sewage system.
- 78. Letter submitted by a Registered Professional Engineer, certifying that all infrastructure improvements and installations have been installed in accordance with the submitted construction plans and drawings and the standards established by the City of Bryant and are functioning properly.
- ▲ 79. Infrastructure Maintenance Bond or Cashier's check.
- ▲ 80. Check for \$25.00 + \$1.00 per lot for final Subdivision fee
- ▲ 81. Check for Water Sewer impact fees (\$100.00 Flushing Fee and \$100.00 impact fee per lot)

PHASE 3 Name of Subdivision Survevor I HAVE COMPLIED WITH THE REQUIREMENTS LISTED ABOVE AND HAVE CHECKED ALL OF THE BOXES ON THE CHECKLIST WHICH APPLY TO THIS PROJECT SUBMITTAL. William Engineer Signature gnature **CITY USE** Preliminary Plat Approved _____ Planning Commission Date _____ Final Plat Approved _____ Planning Commission Date _____ Proof of Recording - County _____ Date County Clerk _____

3825 Mt Carmel Rd. Bryant, AR 72022

GarNat Engineering, LLC

P.O. Box 116 Benton, AR 72018

May 7, 2024

Mr. Colton Leonard Bryant Planning Coordinator/Planning Commission Secretary 210 SW 3rd Street Bryant, AR 72022

Re: Replat – Market Place II Subdivision Phase 3 Lots 17 through 22

Dear Mr. Leonard:

Please allow this letter and following list of enclosures to serve as my application for approval of the referenced replat. It is my desire that this matter be included on the agenda for your June 10, 2024 City of Bryant Planning Commission meeting. The developer for the project is Bryant Realty Company, LLC, 422 North Main Street, Benton, Arkansas 72015 <u>bferg620@gmail.com</u> (501) 840-2282.

List of Enclosures

- Replat
- Bryant Subdivision Checklist

If you have questions or need any additional information, please do not hesitate to contact me.

Sincerely, GarNat Engineering, LLC

Vennin y.

Vernon J. Williams, P.E., President