

Bryant Development and Review Committee Meeting

Boswell Municipal Complex - City Hall Conference Room

210 SW 3rd Street

Date: March 16, 2023 - Time: 9:00 AM

Call to Order

Old Business

New Business

1. Butler Center - 1109 N Reynolds Road - Site Plan

GarNat Engineering - Requesting Recommendation for Site Plan Approval

- · 0685-SMP-01.pdf
- 0685-LTR-02.pdf
- <u>0685-LTR-01.pdf</u>
- 0685-APP-01.pdf
- <u>0685-AFF-01.pdf</u>
- 0685-PLN-01.pdf

2. Butler Center - 1109 N Reynolds Road - Rezoning

GarNat Engineering - Requesting Recommendation for Rezoning of Property from R-E to C-2

- <u>0686-PNO-01.pdf</u>
- · 0686-LTR-01.pdf
- 0686-SRV-01.pdf
- <u>0686-AFF-01.pdf</u>
- · 0686-APP-01.pdf

3. 25300 I-30 N - Conditional Use Permit

Hope Consulting - Requesting Recommendation for Conditional Use Permit for a Storage Facility

- <u>0687-APP-02.pdf</u>
- 0687-PLN-01.pdf
- <u>0687-APP-01.pdf</u>

4. Jacob's Corner Subdivision - Final Plat

Hope Consulting - Requesting Recommendation for Approval of Final Plat

- · 0688-ADH-01.pdf
- <u>0688-PLT-01.pdf</u>
- <u>0688-ASB-01.pdf</u>
- 0688-LTR-01.pdf

5. Hilldale Crossing Subdivision Ph. 2 - Final Plat

Hope Consulting - Requesting Recommendation for Approval of Final Plat

- · 0689-ADH-01.pdf
- <u>0689-ASB-01.pdf</u>
- · 0689-PLT-01.pdf
- 0689-LTR-01.pdf

6. Hilltop Landing Subdivision - Preliminary Plat

Hope Consulting - Requesting Recommendation for Preliminary Plat Approval

- <u>0690-LTR-01.pdf</u>
- 0690-PLN-01.pdf

7. Midland Road Estates Subdivision - Preliminary Plat

Hope Consulting - Requesting Discussion for Preliminary Plat Approval

- 0691-PLT-01.pdf
- · 0691-LTR-01.pdf

Staff Approved

8. Wendy's - 2206 N Reynolds - Sign Permit

Action Signs - Requesting Sign Permit Approval - STAFF APPROVED

• <u>0677-APP-01.pdf</u>

9. Alliance Technical Group - 219 Brown Lane - Sign Permit

Aero Signs - Requesting Sign Permit Approval - STAFF APPROVED

• 0678-PLN-01.pdf

Permit Report

Adjournments

New Facility For: Butler Center 1109 N Reynolds Road Bryant, AR 72022

STORM WATER MAINTENANCE PLAN

The Reynolds Road Storage owner will be responsible for the inspection and maintenance of the stormwater detention pond located on its.

Inspections are to be scheduled as directed in this document. All documentation on scheduled inspections, dates of inspections, and maintenance completed shall be retained by the Reynolds Road Storage owner for a period of three years.

DETENTION PIPES

Annual Maintenance (as applicable):

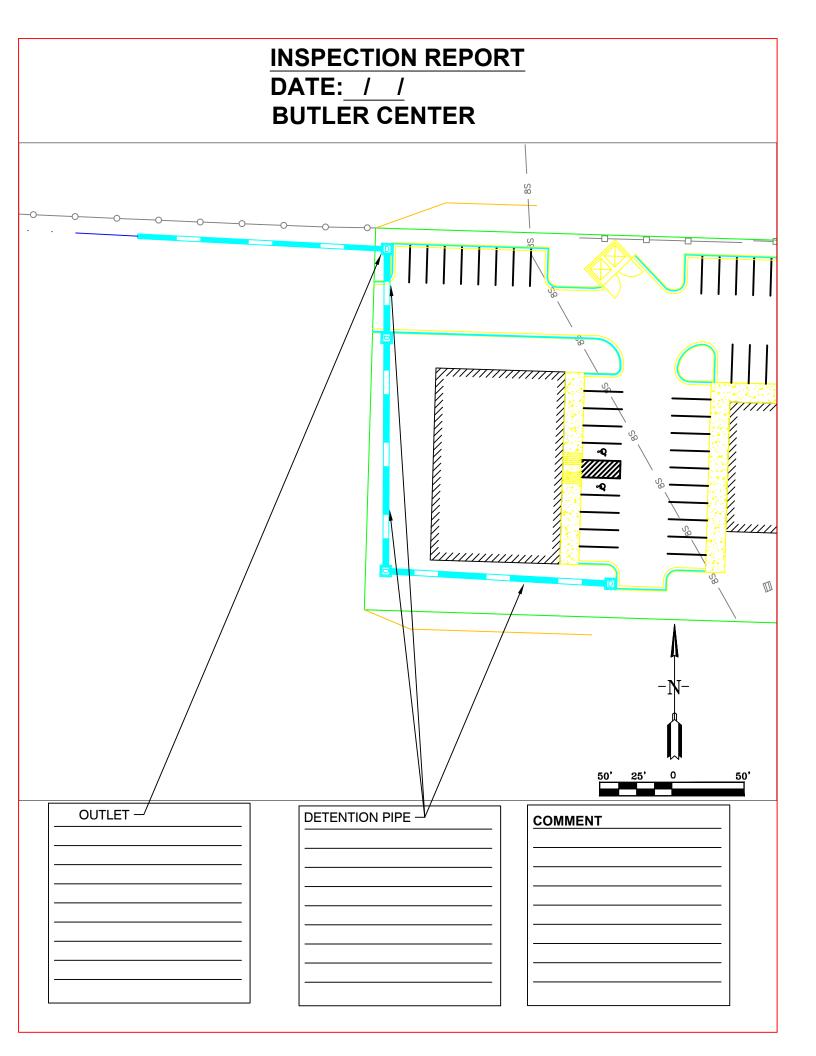
	Check pipes for sediment in-fill, clean when necessary
[]	Check outlets for clogging with trash or dead vegetation, clean when necessary

Michael Butler

Butler Wealth Capital, LLC

03/07/2023

date



NEW FACILITY FOR: BUTLER CENTER CITY OF BRYANT, AR

DRAINAGE CALCULATIONS – SUMMARY 3/2/2023

DESCRIPTION OF PROJECT

Butler center is an approximately 1.51 Acre development located in the City of Bryant, Arkansas approximately a mile south of Reynolds Road. There are three drainage basins on the site. Eastern and Southern basins are small and will not be detained. The large basin will be detained in a pipe network storage located in the western end of the site. The detention for the storage network will be underground in 30" HDPE pipe.

Stormwater Calculations were prepared with the intent to comply with the City of Bryant's Drainage Code. The primary intent of this analysis is to produce a drainage system adequately sized to convey post development runoff while attenuating post development discharge levels equal to or less than pre development flows.

Hydraulic calculations were made using the Rational Method. Design frequencies were analyzed for 2, 5, 10, 25, 50, and 100 year return periods.

These calculations are divided into the following sections:

Summary of Drainage Basins

Summary of Inlets

Summary of Pipes

Pipe Network Storage Summary

Appendices

Exhibit A – Pre-Development Drainage Basins

Exhibit B – Post-Development Drainage Basins

NEW FACILITY FOR: BUTLER CENTER CITY OF BRYANT, AR

DRAINAGE CALCULATIONS – SUMMARY 3/2/2023

SUMMARY OF DRAINAGE BASINS

PRE-DEVELOPMENT CONDITIONS

There are three drainage basins on the site. Basin 1 drains to east side and Basin 3 drains to south side of the site. This discharge will not be captured. Basin 2 is developed. This discharge will be captured. The existing site is a mixture of gravel, grass and a building.

POST-DEVELOPMENT CONDITIONS

As previously described, this site is being developed into a commercial facility. Slopes range from 1% to 8%. Runoff drains from the developed areas to underground detention in the south western section of the development.

SUMMARY OF INLETS

On the drainage plan you will see labels for all of the inlets for these calculations. The flows shown are for the 10-year return storm. The distance from the face of the curb to the center of the street is 15 feet.

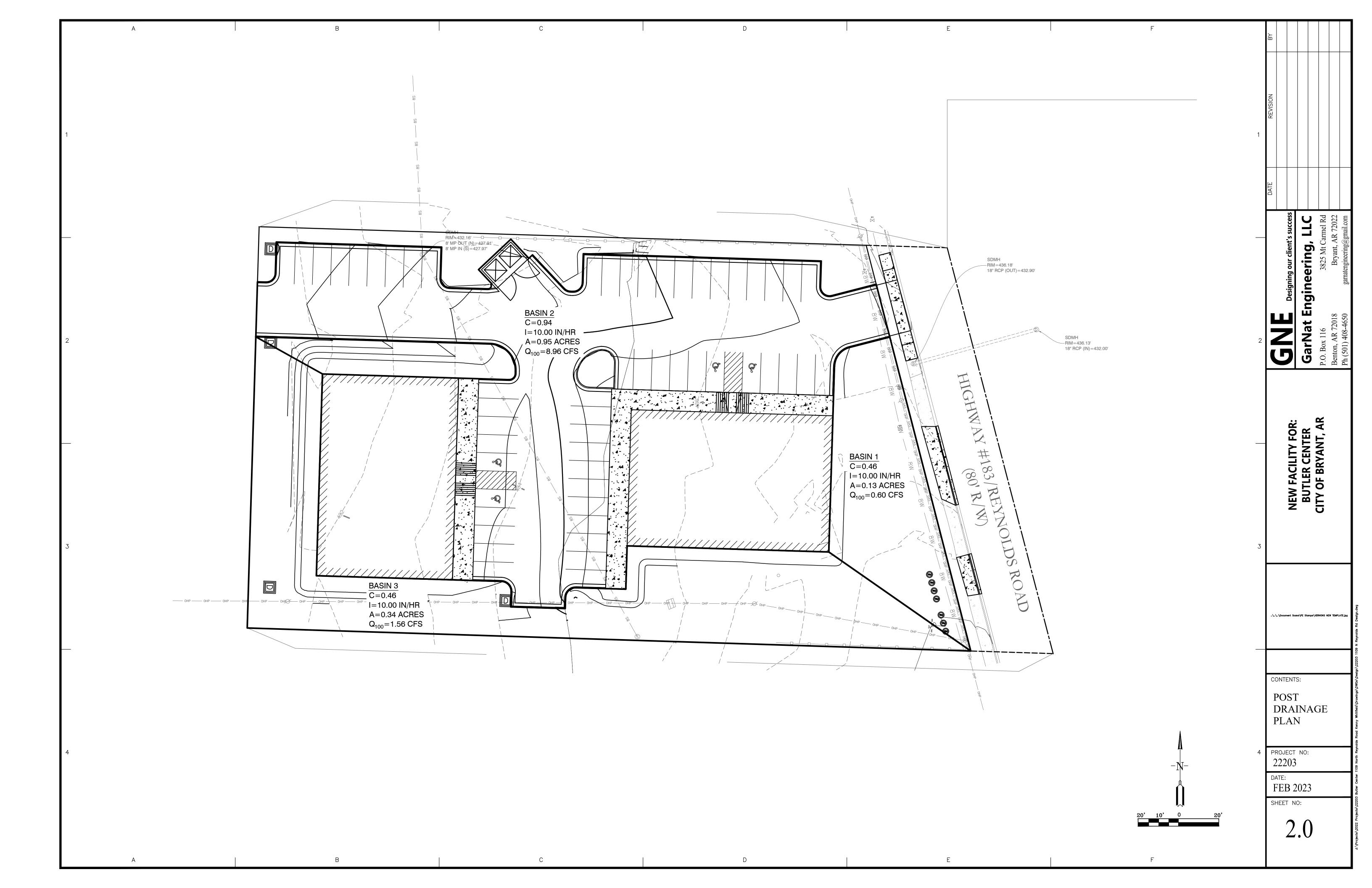
SUMMARY OF PIPES

All pipes used in this project are HDPE and RCP. Therefore, a manning's of 0.012 was used on all pipes in the analysis.

PIPE NETWORK STORAGE SUMMARY

The pipe network storage in these calculations detains flows from all of the runoff of the site. The pipe network storage is located in the south western portion of the property. Water collected in the storm water system is discharged into the pipe network via curb inlets. The pipe network storage is made of 263 linear feet of 30" HDPE and RCP pipe and has a volume of 1,289 cf. A concrete control structure is constructed on the southern end of the pipe network storage. This control structure uses a slotted weir to limit the discharge through the structure to that of the 2, 10, 25, 50, and 100-year pre-development flow. The pipe network storage is designed to hold the 100-year storm event.





Stormwater Calcs - Butler Center Using Rational Method

Pre-development

Calculated Tc values - Drainage Basin 1 & 3

Tc =	56 * L^.6 *	n^.6	seconds
	i^.4 * \$^.	.3	
L1 =	100		feet
n1 =	0.03		
S1 =	0.032		ft/ft
$I_{assumed} =$	8.40		inches
Tc _{calculated}		130	seconds
Tc _{calculated}		2.16	minutes
Tc =	2.16		minutes
I =	8.40		inches
Use Tc =	5.00		minutes

Tc for 25-yr Storm from Exhibit 400-1 of Bryant Drainage Manual i for 25-yr Storm from Exhibit 400-1 of Bryant Drainage Manual

100 =	10 Inches	I _{10 =}	7.2 Inches
I _{50 =}	9.2 Inches	I _{5 =}	6.5 Inches
l _{25 =}	8.40 Inches	I _{2 =}	5.6 Inches

Calculated Tc values - Drainage Basin 2

$$Tc = \frac{56 * L^{0.6} * n^{0.6}}{i^{0.4} * S^{0.3}}$$
 seconds
$$\frac{1}{i^{0.4} * S^{0.3}}$$
 L1 = 320 feet
$$n1 = 0.03$$
 S1 = 0.032 ft/ft
$$I_{assumed} = 8.40 inches$$

$$Tc_{calculated}$$
 261 seconds
$$Tc_{calculated}$$
 261 seconds
$$Tc_{calculated}$$
 4.35 minutes
$$Tc = 4.35 inches$$
 Use $Tc = 5.00$ minutes

Tc for 25-yr Storm from Exhibit 400-1 of Bryant Drainage Manual i for 25-yr Storm from Exhibit 400-1 of Bryant Drainage Manual

I _{100 =}	10 Inches	I _{10 =}	7.2 Inches
I _{50 =}	9.2 Inches	I _{5 =}	6.5 Inches
I _{25 =}	8.40 Inches	l _{2 =}	5.6 Inches

Stormwater Calcs - Butler Center Using Rational Method

Use Tc =

Post-development

Calculated Tc values - Drainage Basin 1, 2 & 3

Tc =	56 * L^.6 * n^.6	seconds
	i^.4 * S^.3	
L1 =	320	feet
n1 =	0.013	
S1 =	0.035	ft/ft
$I_{assumed} =$	8.40	inches
$Tc_{calculated}$	154	l seconds
$Tc_{calculated}$	2.56	minutes
Tc =	2.56	minutes
l =	8.40	inches

5.00

minutes

Tc for 25-yr Storm from Exhibit 400-1 of Bryant Drainage Manual i for 25-yr Storm from Exhibit 400-1 of Bryant Drainage Manual

I _{100 =}	10 Inches	I _{10 =}	7.2 Inches
I _{50 =}	9.2 Inches	I _{5 =}	6.5 Inches
l _{25 =}	8.40 Inches	l _{2 =}	5.6 Inches

Stormwater Calcs - Butler Center using Rational Method

Pre-development

Calculated C values - Drainage Basin 1

	Area	C ₁₀₀	C ₅₀	C ₂₅	C ₁₀	C ₅	C ₂
Greenspace	0.08	0.47	0.43	0.4	0.36	0.34	0.31
Driveway	0.09	0.97	0.92	0.88	0.83	0.8	0.75
Total Area =	0.17	0.73	0.69	0.65	0.61	0.58	0.54

(C values taken from Table 400-2 of City of Bryant Drainage Manual)

Flat, 0-2%

Road

Calculated C values - Drainage Basin 2

	Area	C ₁₀₀	C ₅₀	C ₂₅	C ₁₀	C ₅	C ₂
Greenspace	1.09	0.47	0.43	0.4	0.36	0.34	0.31
Grave	0.07	0.65	0.55	0.5	0.35	0.3	0.25
Root	0.02	0.97	0.92	0.88	0.83	0.8	0.75
Total Area =	1.18	0.49	0.45	0.42	0.37	0.35	0.32

(C values taken from Table 400-2 of City of Bryant Drainage Manual)

Flat, 0-2% Gravel Roof

Calculated C values - Drainage Basin 3

	Area	C ₁₀₀	C ₅₀	C ₂₅	C ₁₀	C ₅	C_2
Greenspace	0.16	0.47	0.43	0.4	0.36	0.34	0.31
Total Area =	0.16	0.47	0.43	0.40	0.36	0.34	0.31

(C values taken from Table 400-2 of City of Bryant Drainage Manual)

Flat, 0-2%

Stormwater Calcs - Butler Center using Rational Method

Post-development

Calculated C values - Drainage Basin 1

	Area	C ₁₀₀	C ₅₀	C ₂₅	C ₁₀	C ₅	C ₂
Greenspace	0.13	0.46	0.42	0.39	0.35	0.32	0.29
Total Area =	0.13	0.46	0.42	0.39	0.35	0.32	0.29

(C values taken from Table 400-2 of City of Bryant Drainage Manual)

Good Condition, Average 2-7%

Calculated C values - Drainage Basin 2

	Area	C ₁₀₀	C ₅₀	C ₂₅	C ₁₀	C ₅	C ₂
Greenspace	0.05	0.46	0.42	0.39	0.35	0.32	0.29
Roof/Pavement	0.90	0.97	0.92	0.88	0.83	0.8	0.75
Total Area =	0.95	0.94	0.89	0.85	0.80	0.77	0.73

(C values taken from Table 400-2 of City of Bryant Drainage Manual)

Good Condition, Average 2-7%

Road

Calculated C values - Drainage Basin 3

	Alea	C ₁₀₀	C 50	C ₂₅	C ₁₀	C 5	C ₂
Greenspace	0.34	0.46	0.42	0.39	0.35	0.32	0.29
Total Area =	0.34	0.46	0.42	0.39	0.35	0.32	0.29

(C values taken from Table 400-2 of City of Bryant Drainage Manual)

Good Condition, Average 2-7%

Stormwater Calcs - Butler Center using Rational Method

re-development												
rainage Basin 1												
	Q ₁₀₀ =	1.25 CFS	Q ₅₀ =	1.08 CFS	Q ₂₅ =	0.93 CFS	Q ₁₀ =	0.75 CFS	Q ₅ =	0.64 CFS	$Q_2 =$	0.52 CFS
	c =	0.73	c =	0.69	c =	0.65	c =	0.61	c =	0.58	c =	0.54
	i=	10.00 in/hr	i=	9.20 in/hr	i=	8.40 in/hr	i=	7.20 in/hr	i=	6.50 in/hr	i=	5.60 in/h
	A=	0.17 acres	A=	0.17 acres	A=	0.17 acres	A=	0.17 acres	A=	0.17 acres	A=	0.17 acre
ainage Basin 2												
	Q ₁₀₀ =	5.79 CFS	Q ₅₀ =	4.85 CFS	Q ₂₅ =	4.12 CFS	Q ₁₀ =	3.13 CFS	Q ₅ =	2.66 CFS	Q ₂ =	2.08 CFS
	c =	0.49	c =	0.45	c =	0.42	c =	0.37	c =	0.35	c =	0.32
	i=	10.00 in/hr	i=	9.20 in/hr	i=	8.40 in/hr	i=	7.20 in/hr	i=	6.50 in/hr	i=	5.60 in/h
	A=	1.18 acres	A=	1.18 acres	A=	1.18 acres	A=	1.18 acres	A=	1.18 acres	A=	1.18 acre
rainage Basin 3												
	Q ₁₀₀ =	0.75 CFS	Q ₅₀ =	0.63 CFS	Q ₂₅ =	0.54 CFS	Q ₁₀ =	0.41 CFS	Q ₅ =	0.35 CFS	Q ₂ =	0.28 CFS
	c =	0.47	c =	0.43	c =	0.40	c =	0.36	c =	0.34	c =	0.31
	i=	10.00 in/hr	i=	9.20 in/hr	i=	8.40 in/hr	i=	7.20 in/hr	i=	6.50 in/hr	i=	5.60 in/h
	A=	0.16 acres	A=	0.16 acres	A=	0.16 acres	A=	0.16 acres	A=	0.16 acres	A=	0.16 acre
st-development												
rainage Basin 1												
	Q ₁₀₀ =	0.60 CFS	Q ₅₀ =	0.50 CFS	Q ₂₅ =	0.43 CFS	Q ₁₀ =	0.33 CFS	Q ₅ =	0.27 CFS	Q ₂ =	0.21 CFS
	c =	0.46	c =	0.42	c =	0.39	c =	0.35	c =	0.32	c =	0.29
	i=	10.00 in/hr	i=	9.20 in/hr	i=	8.40 in/hr	i=	7.20 in/hr	i=	6.50 in/hr	i=	5.60 in/h
	A=	0.13 acres	A=	0.13 acres	A=	0.13 acres	A=	0.13 acres	A=	0.13 acres	A=	0.13 acre
ainage Basin 2												
	Q ₁₀₀ =	8.96 CFS	Q ₅₀ =	7.81 CFS	Q ₂₅ =	6.82 CFS	Q ₁₀ =	5.50 CFS	Q ₅ =	4.78 CFS	Q ₂ =	3.86 CFS
	c =	0.94	c =	0.89	c =	0.85	c =	0.80	c =	0.77	c =	0.73
	i=	10.00 in/hr	i=	9.20 in/hr	i=	8.40 in/hr	i=	7.20 in/hr	i=	6.50 in/hr	i=	5.60 in/h
	A=	0.95 acres	A=	0.95 acres	A=	0.95 acres	A=	0.95 acres	A=	0.95 acres	A=	0.95 acre
ainage Basin 3		1.56 CFS	Q ₅₀ =	1.31 CFS	Q ₂₅ =	1.11 CFS	Q ₁₀ =	0.86 CFS	Q ₅ =	0.71 CFS	Q ₂ =	0.55 CFS
ainage Basin 3	Q ₁₀₀ =				c =	0.39	c =	0.35	c =	0.32	c =	0.29
ainage Basin 3	Q ₁₀₀ = c =	0.46	c =	0.42	C -							
ainage Basin 3		0.46 10.00 in/hr	c = i=	0.42 9.20 in/hr	i=	8.40 in/hr	i=	7.20 in/hr	i=	6.50 in/hr	i=	5.60 in/h

Detention Volume

Pond-1			
for Q100			
	Cundev=	0.49	
	lundev=	10.00	in/hr
	Cdev=	0.94	
	Idev=	10.00	in/hr
	R=	4.52	
	A=	0.95	acres
	Tc=	5.00	minutes
		60	sec/min
Detention Volume=		1,289	cubic feet

R= (Cdev*Idev)-(Cundev*Iundev)
Detention Volume= R*A*Tc*60

Stormwater Calcs - Butler Center using Rational Method Weir & Detention Pond Sizing

Storm Event	Flow (cfs)
Q2 - Pre Basin 2	2.08
Q10 - Pre Basin 2	3.13
Q25 - Pre Basin 2	4.12
Q50 - Pre Basin 2	4.85
Q100 - Pre Basin 2	5.79
Q10 - Post Basin 2	5.50
Q25 - Post Basin 2	6.82
Q100 - Post Basin 2	8.96

Rectangular Weir

Q2

CLH^1.5
2.5
0.5
1.33
1.92

Q10

6"

Q (cfs)	CLH^1.5
С	2.5
L	0.5
Н	1.75
Q (cfs)	2.89

Q25

6"

Q (cfs)	CLH^1.5		
С		2.5	
L		0.5	6"
Н	2.	.17	
Q (cfs)	4.	.00	

CLH^1.5
2.5
0.5
2.33
4.45

Q100

	Q100	
	Q (cfs)	CLH^1.5
	С	2.5
5"	L	0.5
	Н	2.5
	Q (cfs)	4.94

Pond Volume Volume Required

1289 CF

Use 36" Pipe

Dia = 30.00 A = L (required) = 262.61 FT

4.91 SF

Stormwater Calcs - Butler Center Detention Culverts

PIPE NAME	DIAMETER (IN)	LENGTH (FT)	AREA (SF)	VOLUME (CF)
PIPE 141	30.00	117	4.91	574.47
PIPE 139	30.00	121	4.91	594.11
PIPE 140	30.00	46	4.91	225.86
TOTAL		284		1394.44

Stormwater Calcs - Butler Center Outlet Pipe Capacity

OUTLET CULVERT

Pipe	From	То	Design Flow (cfs):	Slope (ft/ft):	Diameter (inches)	No. Pipes	Manning's	Area Full (sf)	Wetted Perimeter Full (ft)	Hydraulic Radius Full (ft)	Flow Capacity (cfs)	% Capacity
18" HDPE	East	West	5.79	0.0050	18	. 1	0.012	1.77	4.712	0.375	8.05	72%

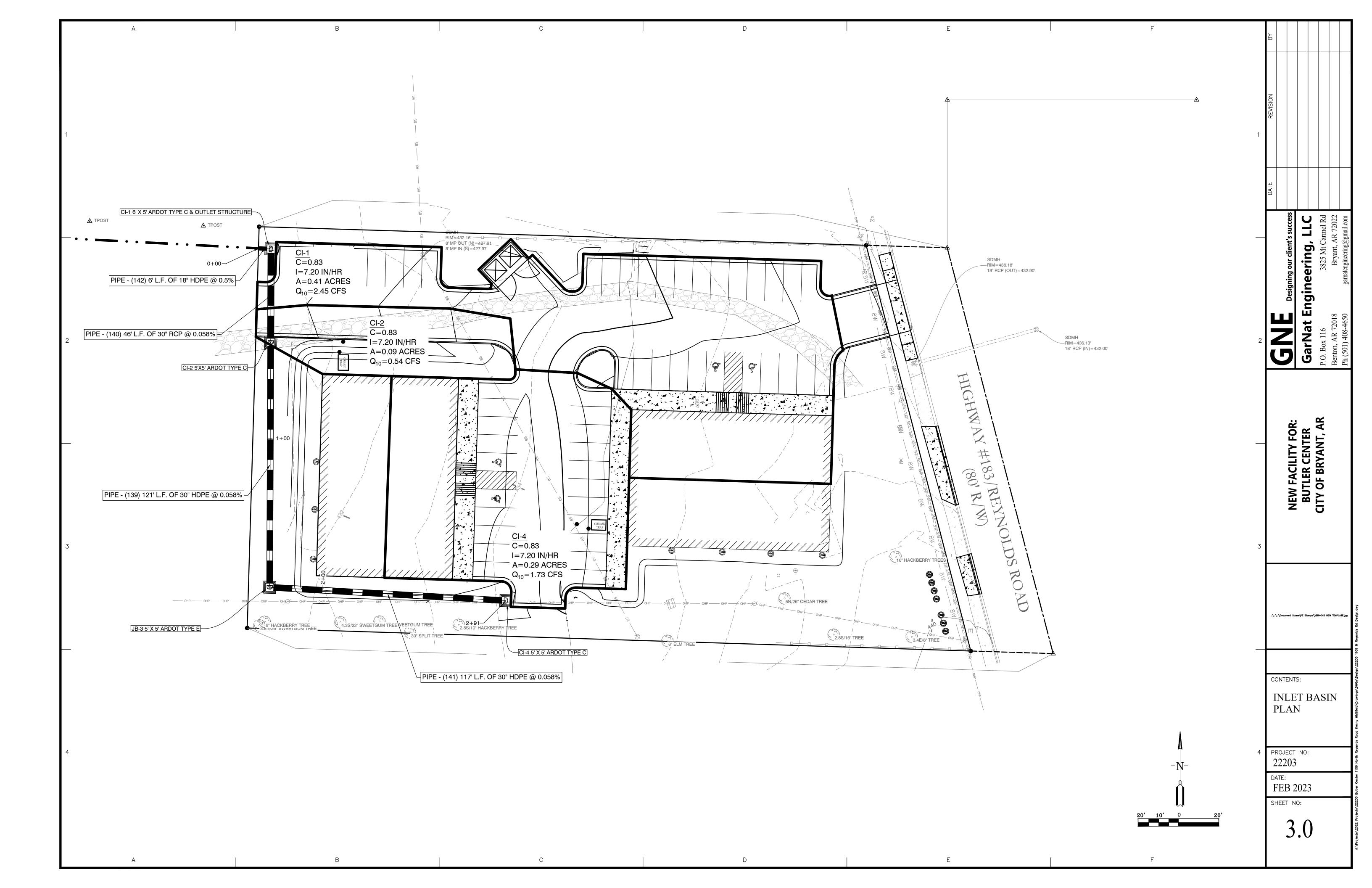
Stormwater Calcs - Butler Center

Ditch Capacity

Mannings equation for ditch

n= 0.022 based on n for open channel earth with short grass, few weeds Width

Depth	Bottom	Тор	area	rH	slope	Velocity	Q
(ft)	(ft)	(ft)	(ft^2)		(ft/ft)	(ft/s)	(cfs)
0.75	0.00	4.50	1.69	0.36	1.000%	3.40	5.74



Stormwater Calcs - Butler Center Using Rational Method

Post-development Basin

Calculated Tc values - Drainage Basin CI-1

Tc =
$$\frac{56 * L^{0.6} * n^{0.6}}{i^{0.4} * S^{0.3}}$$
 seconds

L1 =	700	feet
n1 =	0.013	Smooth Concrete/Asphalt
S1 =	0.031	ft/ft
$I_{assumed} =$	7.20	inches
$Tc_{calculated}$	271	seconds
Tc _{calculated}	4.52	minutes
Tc =	4.52	minutes
I =	7.20	inches
Use Tc =	5.00	minutes

CI-1					
	Area	C ₁₀	C ₂₅	C ₁₀₀	(C values taken from Table 400-2 of City of Bryant Drainage Manual)
	0.41	0.83	0.88	0.97	Asphalt/Roof
Total Area =	0.41	0.83	0.88	0.97	
CI-2					
	Area	C ₁₀	C ₂₅	C ₁₀₀	(C values taken from Table 400-2 of City of Bryant Drainage Manual)
	0.09	0.83	0.88	0.97	Asphalt/Roof
Total Area =	0.09	0.83	0.88	0.97	. ispirally need
CI-4					
	Area	C ₁₀	C ₂₅	C ₁₀₀	(C values taken from Table 400-2 of City of Bryant Drainage Manual)
	0.30	0.93	0.00	0.07	Acabalt/Doof
Total Area =	0.29 0.29	0.83 0.83	0.88 0.88	0.97 0.97	Asphalt/Roof

Stormwater Calcs - Butler Center using Rational Method Post Development Flowrates

CI-1			
CI-1	Q ₁₀ =	2.45 CFS	
	c =	0.83	
	i=	7.20 in/hr	
	A=	0.41 acres	
			_
CI-2	0	0.54.656	
	Q ₁₀ =	0.54 CFS	
	c =	0.83	
	i=	7.20 in/hr	
	A=	0.09 acres	
CI-4			
	Q ₁₀ =	1.73 CFS	
	C =	0.83	
	i=	7.20 in/hr	
	A=	0.29 acres	

Stormwater Calcs - Butler Center GUTTER SPREAD 10-YR STORM

C	_1
	_ 1

	T=	$\left(\begin{array}{c} \frac{Q^* n}{S_x^{1.67*}S_L^{0.5}} \right)^{3.375}$	Q= Flowrate(cfs)
Q	2.45 cfs		n=manning's number
n	0.012		k=0.56
\mathbf{k}_{u}	0.56		S _x = cross slope
S_x	0.028		S _L = longitudinal slope
S_L	0.031		T= Gutter Spread
Т	<u>5.96</u> ft		

<u>CI-2</u>

<u>CI-4</u>

	T=	($\frac{Q* n}{k_u* S_x^1.67*S_L^0.5}$) ^.375
Q	1.73 cfs			
n	0.012			
k_u	0.56			
S_x	0.028			
S_L	0.03			
T	<u>5.34</u> ft			

Stormwater Calcs - Butler Center - CURB INLETS

10-YEAR STO	DRM			•	Weir				
				Q (Q=3.0LY^1	.5	Required	Actual	
Area #	Area	1	С	(cfs)	Q (cfs)	Y (ft)	L (ft)	L (ft)	
CI-1	0.41	7.20	0.83	2.45	2.45	0.49	2.38	5	5' box
CI-2	0.09	7.20	0.83	0.54	0.54	0.49	0.52	5	5' box
CI-4	0.29	7.20	0.83	1.73	1.73	0.49	1.68	5	5' box



3825 Mt Carmel Rd. Bryant, AR 72022

GarNat Engineering, LLC

P.O. Box 116 Benton, AR 72018

March 8, 2023

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

Re: Large Scale Development Commercial Building – Butler Center

Dear Mr. Smith:

Please allow this letter and following list of enclosures to serve as my application for approval of the referenced large scale development. It is my desire that this matter be included on the agenda for your May 2023 City of Bryant Planning Commission Meeting.

List of Enclosures

- 2 Full Set Plans
- Affidavit
- 8 copies of Site Plan
- Drainage Study
- Bryant Large Development Checklist
- ADA/ABA Form

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

Sincerely,

GarNat Engineering, LLC

Vernon J. Williams, P.E., President



COMMERCIAL BUILDING CHECKLIST

CITY OF BRYANT 210 SW 3RD STREET BRYANT, AR 72022 501-943-0309

PC MEETING DATE:

SECOND MONDAY OF EACH MONTH

TIME:

6:00 P.M.

PLACE:

COURTROOM - BRYANT OFFICE COMPLEX

AGENDA DEADLINE:

5:00 P.M. THREE WEEKS PRIOR TO THE REGULARLY

SCHEDULED MEETING DATE

REQUIREMENTS FOR SUBMISSION

LETTER TO PLANNING COMMISSION STATING YOUR REQUEST

COMPLETED CHECKLIST (SUBDIVISION OR BUILDING)

ADA/ABA FORM COMPLETED

TWO FULL SETS OF BUILDING PLANS

20 FOLDED COPIES OF SITE PLAN (MINIMUM SIZE 17" X 34") THAT INCLUDES THE FOLLOWING:
VICINITY MAP - LEGAL DESCRIPTION - LANDSCAPING PLAN

20 FOLDED COPIES OF FLOOR PLAN

20 COPIES OF FRONT AND REAR BUILDING ELEVATIONS

AN IBM COMPATIBLE DISKETTE IN PDF FORMAT

COPY OF ADEQ STORMWATER POLLUTION PREVENTION PLAN FOR PROPERTY PARCEL CONTAINING ONE ACRE OR LARGER.

COPY OF STORMWATER DETENTION APPROVAL BY ENGINEER \$250.00 FOR STORMWATER DETENTION AND DRAINAGE PLAN REVIEW

ALL REQUIREMENTS LISTED ABOVE MUST BE COMPLETED AND ATTACHED BEFORE SUBMITTING APPLICATION TO BE PLACED ON THE PLANNING COMMISSION AGENDA.

NOTE: When making changes to an approved Site Plan, a revised Site Plan must be submitted to the Bryant Planning Commission for approval. This must be done prior to implementation. Failure to comply will result in penalties/fines being imposed in accordance with City ordinances.

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

SIGNATURE

DATE

City of Bryant Commercial Building Checklist

Name of Development	Butler Center	
Site Location 1109 – A	North Reynolds Re	d. Boyant, AR Current zoning R-E
Owner Butler Wealth	Capital, LLC	Phone 870-703-3807

1. BASIC INFORMATION NEEDED ON THE SITE PLAN

- ▲ 1. Name of Development
- ▲ 2. Current zoning
- Name and Address of owner of Record
- ▲ 4. Name and address of the architect, landscape architect, engineer, surveyor, or other person involved in the preparation of the plan
- 5. Date of preparation of the plan
- ▲ 6. Vicinity map locating streets, highways, section lines, railroad, schools, & parks within ½ mile
- 7. Legal description of the property with exact boundary lines
- 8. North arrow & Scale
- ▲ 9. Identification of any land areas within the 100 year floodplain and within the 100 year floodway
- 10. Lot area in square feet
- ▲ 11. Show scale (not less than 1" = 100') (paper size minimum 17" X 34")
- ▲ 12. Existing streams, drainage channels, and other bodies of water
- ▲ 13. Drainage easements for stormwater run-off and detention shown & labeled
- 14. Location and name of existing streets
- ▲ 15. Show source of water supply
- ▲ 16. Show location of waste water connection to municipal system & sanitary sewer layout
- ▲ 17. Fire Hydrant placement
- ▲ 18. Proposed location of buildings and other structures, parking areas, drives, loading areas, service areas, alleys, walks, screening, and public streets
- ▲ 19. Sufficient dimensions to indicate relationship between buildings, property lines, parking areas and other elements of the plan
- 20. Extent and character of proposed landscaping. Common and/or Botanical plant names and sizes of new vegetation must be clearly indicated.
- 21. Location, massing and pattern of existing vegetation to be retained
- 22. Existing structures on the site
- ▲ 23. Pedestrian and vehicular access points, sidewalks, crosswalks, etc.
- ▲ 24. Typical building elevations depicting the style, size and exterior construction materials of the buildings proposed. Where several building types are proposed on the plan, such as apartments and commercial buildings, a separate sketch shall be prepared for each type. The elevations shall be drawn at a minimum scale of 1/16" to a foot and must show adjoining context.
- ▲ 25. Any variance approvals

ADDITIONAL INFORMATION NEEDED, BUT NOT ON THE SITE PLAN COMMERCIAL BUILDING WORKSHEET No Yes Site is compatible with Master Street Plan Proposed improvement is within building line setbacks Front 37 ft. Side 25 ft. CNR Side N/A ft. Back 30 ft. Parking requirements can be satisfied Floor Space 13500 sq.ft. divided by 300 = 45 (no. of parking spaces required) Improvement is outside 100 year flood plain (if answer is no - Provide 404 Permit for site) Lowest building floor level and all mechanical equipment are above FEMA 100 year flood elevation Will there be a dumpster located on the site? Will there be a construction site office? Have you made "One Call"? Structure and site complies with ADA (Americans with Disability Act) and ABA (Architectural Barriers Act) Accessibility Guidelines Design complies with Arkansas Plumbing Code and National Electric Code requirements Foundation and structure meet earthquake requirements for Zone 1. Structure meets Arkansas Energy Code for specified use. Complies with Arkansas Fire Prevention Code Complies with International Code Council regulations Will a Site Clearance Permit be required? (City Ordinance 2002-03) Are you granted any variances by the Board of Adjustment? If you have been granted a variance please explain in detail:

ANDSCAPING COMPLIANCE WITH REQUIREMENTS	YES	NO
No planting within 5 feet of a fire hydrant		*
Spacing will be 40' between trees	V	
Tree must be a minimum 3" in diameter at the base and 12' + tall		
Existing trees meeting the minimum size can be counted to meet above criteria	~	
No trees can be planted within 30 feet of a property corner or driveway	<u> </u>	
Shrubs along street right-of-way lines cannot exceed 30 inches in height		

(F	OR YOUR CONVENIENCE WE HAVE LISTED THE THREE COMMERCIAL ZONING SITE COVERAGE HOOSE THE ZONING FOR THIS PROJECT AND COMPLETE ONLY THAT SECTION)	REQUIRE/	MENTS - NO
1.	C-1 Zoning - Neighborhood Commercial	160	110
	Lot area: minimum of 2,500 square feet; maximum 16,000 square feet		
	Front Yard: none required		
	Side Yard: minimum of 5 feet each side	-	
	Rear Yard: minimum of 55 feet		
	Maximum lot coverage of 70% of the total area of the site for all principal, accessory buildings, parking lots, sidewalks, private streets, or drives.		
	Parking: one space per each 200 sq. ft. of commercial use		
	Loading areas: physically separated from all streets with 10 ft grassy area When abuts a residential district, a minimum 6' high wood, rock, or masonry fence is required with a landscape screen		Name of the last o
2.	C-2 Zoning - Lots fronting along roadways designated as Interstate 30 an frontage roads, State Highway 5 and 183	d	
	Front Yard: not less than 50 feet from front property line		
	Side Yard: not required, except where they abut a street or a residential lot line then a minimum of 25 feet is required		
	Rear Yard: minimum of 15 feet, except where they abut residential area then a minimum of 55 feet is required	N.	
	A maximum lot coverage of 35% of the total area of the site for all principal and accessory buildings		
	Parking: one space per each 300 sq. ft. of occupied space		
	When abuts a residential district, a minimum 6' high wood, rock, or masonry fence is required with a landscape screen	_	
3.	C-2 Zoning - Lots fronting along roadways designated as interior local.		
- •	Front Yard: none required		
	Side Yard: not required, except where they abut a street or a residential lot line then a minimum of 25 percent of lot dimension		
	Rear Yard: minimum of 15 feet, except where they abut residential area then a minimum of 55 feet is required		
	A maximum lot coverage of 85% of the total area of the site for all principal, accessory buildings and parking	<u></u>	
	Parking: one space per each 300 sq. ft. of occupied space	/	
	When abuts a residential district, a minimum 6' high wood, rock, or masonry fence is required with a landscape screen		

V. SITE PLAN ATTACHMENTS (APPLICATION WILL NOT BE ACCEPTED UNTIL ALL ATTACHMENT REQUIREMENTS ARE MET) 26. Letter to Planning Commission stating your request 27. Completed Checklist 28. Completed ADA/ABA Form 29. Two full sets of Building Plans ▲ 30. 20 copies of Site Plan (folded to no larger than 8 ½ X 14 size) that includes vicinity map and landscaping plan (minimum size 17" X 34" paper) ▲ 31. 20 copies of Landscaping Plan (folded to no larger than 8 ½ X 14 size) ▲ 32. 20 copies of building floor plan (folded to no larger than 8 ½ X 14 size) 33. Copy of Stormwater Detention approval ▲ 34. Copy of ADEQ Stormwater Pollution Prevention Plan for property containing one acre or larger. ▲ 35. IBM compatible diskette or CD with data in PDF format. ▲ 36. Receipt for \$250.00 for Stormwater Detention and Drainage Plan review Butler Center I CERTIFY that the design of in the City of Bryant, Arkansas complies with the above regulations, laws and codes. Engineer/Architect 6 Cree Kwood Court Mailing Address 501-408-4650 Phone # Little ROCK, AR 72223 2023 CITY USE Action Taken: **Special Conditions:**

Construction Completed Certified For Occupancy:	Date:
	Inspector:

Sq.Ft. _____

Date

Permit Issued:

Amount \$___

Permit	t No.	

BUILDING PERMIT

ADA/ABA ACCESSIBILITY STANDARDS

The Americans with Disability Act and Architectural Barriers Act Accessibility Guidelines were prepared by the U.S. Access Board and mandated by the U.S. Department of Justice regulations implementing Title III as the official ADA/ABA accessibility guidelines. All new construction, remodeling, and modifications must conform to these building standards for places of public accommodation and commercial facilities. Residential is exempt.

The ADA/ABA accessibility guidelines contain general design standards for building and site elements, such as accessible entrances and routes, ramps, parking spaces, stairs, elevators, restrooms, signage, etc. Also included are specific standards for restaurants, medical care facilities, libraries and transportation facilities and vehicles, and places of lodging.

The guidelines also include "scoping" requirements that outline the necessary features or appropriate quantity for achieving ready access. For example, at least 50 percent of all public entrances to buildings must be accessible with an accessible path of travel. In public restrooms, at least one bathroom stall must be accessible unless there are more than six stalls, in which case the number increases.

I hereby certify that I have read and examined the above notice and will comply with all guidelines of the ADA Accessibility Guidelines. I further understand that a copy of the ADA/ABA Regulations are available for inspection during business hours of City Hall or I may obtain a copy by writing:

The Access Board
1331 F Street, NW, Suite 1000
Washington, DC 20004-1111
(202) 272-0080 (v) (202) 272-0082 (TTY) (202) 272-0081 (fax)
(800) 872-2253 (v) (800) 993-2822 (TTY)
email: info@access-board.gov

Signature of Contractor or Authorized Agent	Date 03 07 2023
Signature of Owner (if owner-builder)	Date 03 07 2023
Application of Permit Approved:Commission - Chairman	Date

AFFIDAVIT

I, <u>Michael Butler</u>, <u>Butler Wealth Capital</u>, <u>LLC</u> certify by my signature below that I hereby authorize <u>Vernon Williams of GarNat Engineering</u>, <u>LLC</u> to act as Butler Wealth Capital, LLC's agent regarding the <u>Planning Commission Approval of the proposed development at 1109 N Reynolds Road</u>.

Michael Butler

Butler Wealth Capital, LLC

03 07 2023

Date

Subscribed and sworn to me a Notary Public on this

TH

MAR

2023

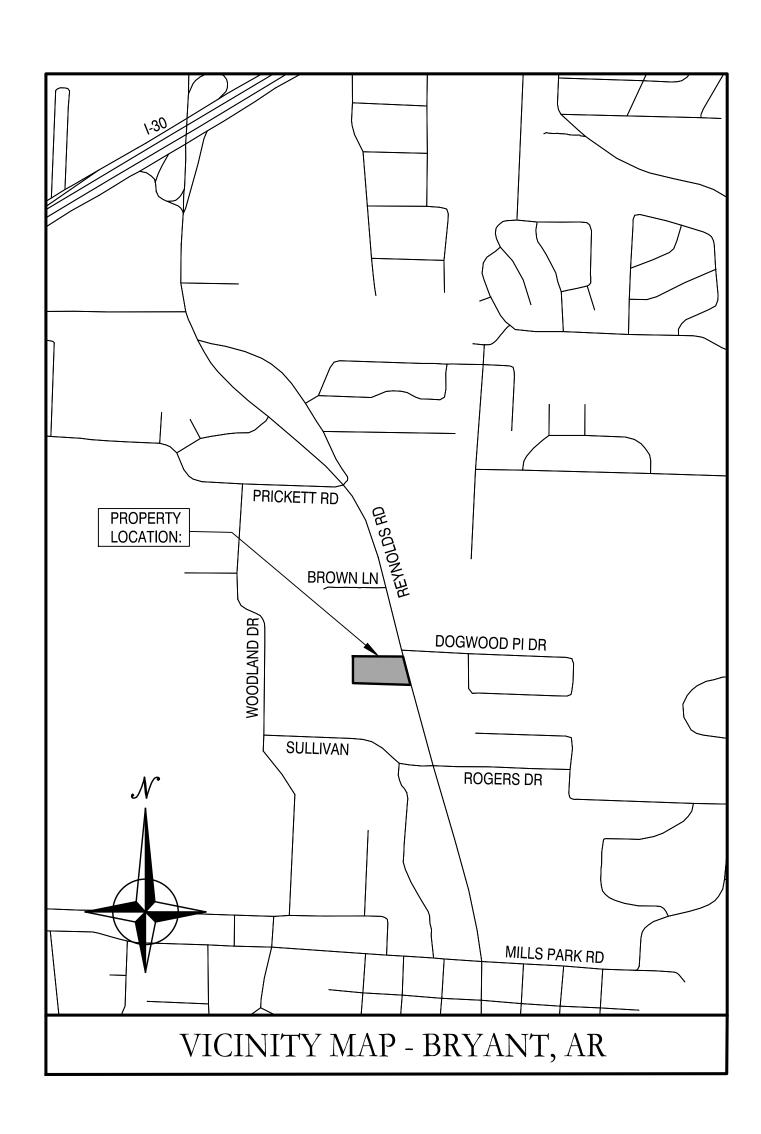
Notary Public

My Commission Expires:

02-05-2031

GEORGE P. WOODEN Notary Public-Arkansas Saline County My Commission Expires 02-05-2031 Commission # 12714343

NEW FACILITY FOR: BUTLER CENTER CITY OF BRYANT, AR



Prepared by: GarNat Engineering, LLC

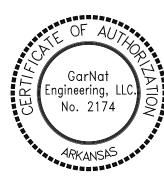
Designing our client's success www.garnatengineering.com

P.O. Box 116 Benton, AR 72018 Ph (501) 408-4650 3825 Mt Carmel Road Bryant, AR 72022 Fx (888) 900-3068



<u>ARKANSAS</u>





DRAWING INDEX:

GENERAL NOTES G1.0

D1.0SITE DEMO PLAN

C1.0 SITE PLAN

C1.1 SITE DETAILS

C2.0UTILITY PLAN

C3.0GRADING & DRAINAGE PLAN

C3.1 DRAINAGE PROFILE & OUTLET STRUCTURE

DETAILS

C3.2 OFFSITE DRAINAGE AND BMP

C4.0 EROSION CONTROL PLAN

L1.0 LANDSCAPE PLAN

L1.1 LANDSCAPING NOTES & DETAILS

ARDOT STANDARD DRAWINGS:

CG-1 **CURBING DETAILS**

DR-1 DETAILS OF DRIVEWAYS & ISLANDS

FPC-9 DETAILS OF DROP INLETS & JUNCTION BOXES

FPC-9E DETAILS OF DROP INLETS (TYPE C)

PCC-1 CONCRETE PIPE CULVERT FILL HEIGHTS &

BEDDING

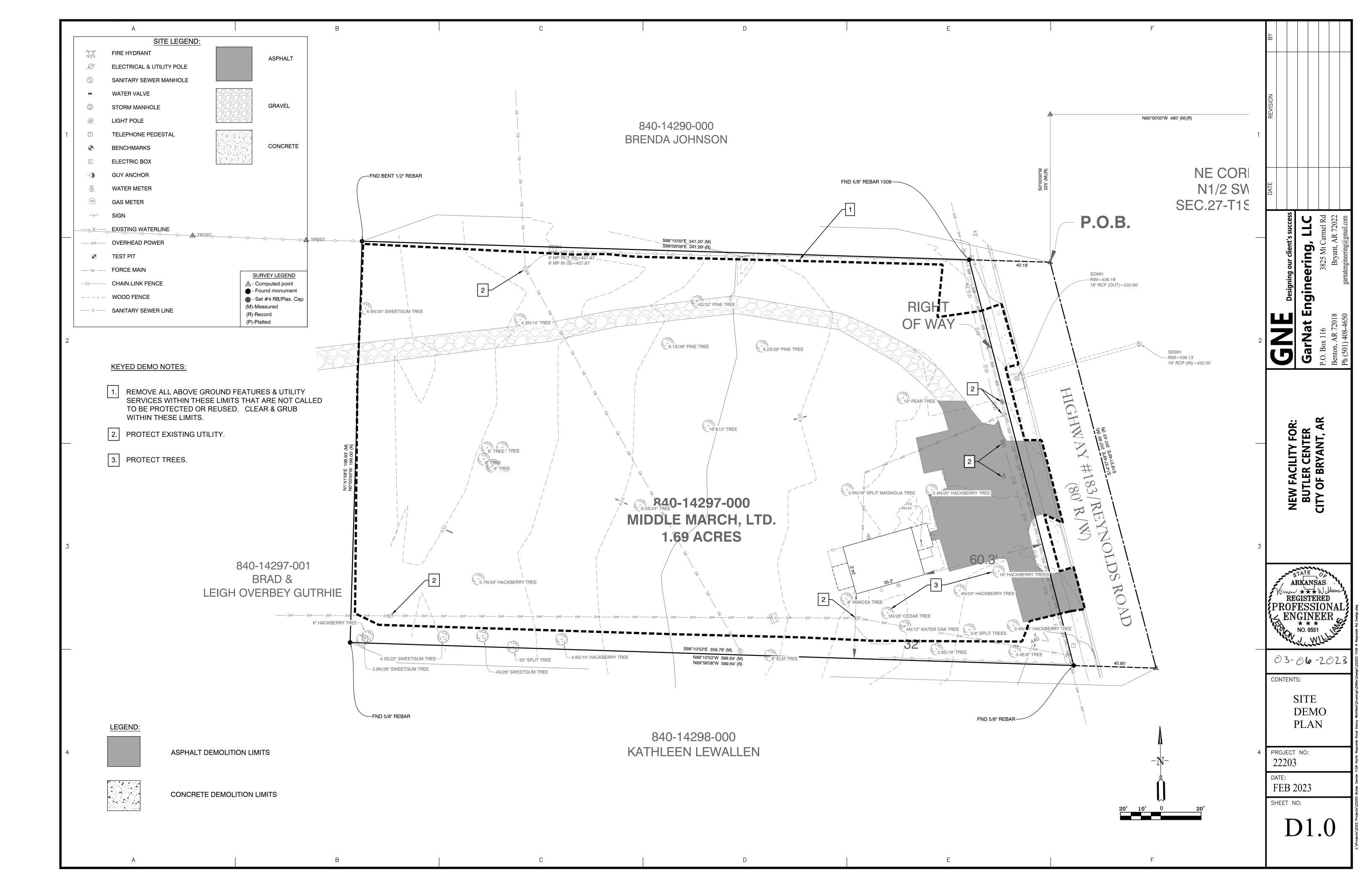
PCP-1 PLASTIC PIPE CULVERT (HIGH DENSITY

POLYETHYLENE)

TEC-1 TEMPORARY EROSION CONTROL DEVICES

TEC-4 TEMPORARY EROSION CONTROL DEVICES

WR-2 WHEELCHAIR RAMPS ALTERATIONS ONLY



SAFETY

- 1.1. JOBSITE SAFETY IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- THIS RESPONSIBILITY COVERS THEIR OWN WORK FORCE, ALL SUBCONTRACTORS, VISITING PERSONNEL, OFFICIALS, AND THE GENERAL PUBLIC WHICH MAY HAVE ACCESS TO THE JOBSITE.
- THE CONTRACTOR SHALL EXERCISE COMPLETE CONTROL OVER WHO HAS ACCESS TO THE JOBSITE TO ENSURE JOBSITE SAFETY.
- THE CONTRACTOR SHALL CONFORM TO ALL SECURITY AND SAFETY REQUIREMENTS OF THE OWNER.
- ANY SAFETY OR OTHER TRAINING REQUIRED BY THE OWNER FOR THE WORK FORCE MUST BE PROVIDED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

2. PERMITS

2.1. CONTRACTOR SHALL SECURE ALL REQUIRED PERMITS AS REQUIRED BY REGULATING AUTHORITIES OR BY THE OWNER. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE TERMS AND CONDITIONS ASSOCIATED WITH EACH REQUIRED PERMIT, AS WELL AS ADHERING TO THE RULES AND REGULATIONS OF EACH REGULATING AUTHORITY

3. CONTRACT DOCUMENTS

3.1. ALL WORK SHALL CONFORM TO THE PLANS, THESE NOTES, AND SPECIFICATIONS IN ALL RESPECTS AND SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.

4. INDEMNITY

- BY ACCEPTING THE CONTRACT FOR THIS WORK, THE CONTRACTOR, AT THEIR OWN EXPENSE AND RISK, HEREBY RELEASES AND AGREES TO INDEMNIFY, DEFEND AND HOLD HARMLESS THE OWNER, GARNAT ENGINEERING, THEIR OFFICERS, AGENTS, EMPLOYEES, CONSULTANTS, AND REPRESENTATIVES FOR DAMAGE TO THE PROPERTY OR INJURY TO, OR DEATH, OF ANY PERSONS, FROM ANY AND ALL CLAIMS, DEMANDS, ACTIONS OF ANY KIND WHATSOEVER ARISING OUT OF AND IN CONNECTION WITH THE AGREEMENT OR PROSECUTION OF WORK UNDER IT, WHETHER SUCH CLAIMS, DEMANDS, ACTIONS, OR LIABILITY ARE CAUSED BY THE CONTRACTOR, IT'S AGENTS, EMPLOYEES, SUBCONTRACTORS, PRODUCTS INSTALLED ON THE PROJECT OR CAUSED BY ANY OTHER PARTY.
- 5. CONSTRUCTION PROCEDURES, MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING STANDARDS UNLESS OTHERWISE MODIFIED ON THE DRAWINGS OR IN THESE NOTES OR SPECIFICATIONS.
- STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION ARKANSAS HIGHWAY AND
- 5.2. INTERNATIONAL BUILDING CODE
- ACI 315 MANUAL OF STANDARD PRACTICES FOR DETAILING REINFORCED CONCRETE STRUCTURES
- CRSI RECOMMENDED PRACTICE FOR PLACING REINFORCING STEEL.
- CITY OF BRYANT STANDARD SPECIFICATIONS.
- LATEST EDITIONS OF AWWA, ASTM, ADH, AND TEN STATES STANDARDS.

6. SITE

- CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTION OF ALL PROPERTY CORNERS.
- CONTRACTOR IS NOT TO PERFORM WORK BEYOND THE DESIGNATED WORK LIMITS WITHOUT FIRST OBTAINING WRITTEN AUTHORIZATION FROM THE PROJECT ENGINEER OR OWNER.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING THE DAMAGE DONE TO ANY EXISTING ITEM DURING CONSTRUCTION SUCH AS BUT NOT LIMITED TO: DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. REPAIRS SHALL BE EQUAL TO, OR BETTER THAN **EXISTING CONDITIONS.**
- CONTRACTOR TO REMOVE OR RELOCATE, WHEN APPLICABLE, ALL ITEMS, SHOWN TO BE REMOVED OR RELOCATED AND NOT SHOWN WITHIN CONSTRUCTION LIMITS AND WHERE REQUIRED TO ALLOW FOR NEW CONSTRUCTION AS SHOWN.
- CONTRACTOR TO ADJUST ALL EXISTING AND PROPOSED MANHOLES. VALVE BOXES. ETC. TO FINISH GRADE, WHERE REQUIRED.

7. STRUCTURES

7.1. ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR INVERT IN

TO INVERT OUT.

- BEDDING FOR STORM STRUCTURES SHALL CONSIST OF A MINIMUM OF 6-INCHES OF COMPACTED #57 STONE ON TOP OF COMPACTED SUBGRADE.
- AREAS EXPOSED BY EXCAVATION OR STRIPPING AND ON WHICH SUBGRADE PREPARATIONS ARE TO BE PERFORMED SHALL BE SCARIFIED TO MINIMUM DEPTH OF 0'-8" AND COMPACTED TO MINIMUM OF 95% OPTIMUM DENSITY. ANY AREAS THAT FAIL COMPACTION ARE TO BE STABLIZED AS DIRECTED BY THE ENGINEER.
- 8. PRIOR TO PLACING FILL IN LOW AREAS, SUCH AS PREVIOUSLY EXISTING CREEKS, PONDS, OR LAKES, PERFORM FOLLOWING PROCEDURES:
- DRAIN WATER OUT BY GRAVITY WITH DITCH HAVING FLOW LINE LOWER THAN LOWEST ELEVATION IN LOW AREA. IF DRAINAGE CANNOT BE PERFORMED BY GRAVITY DITCH, USE ADEQUATE PUMP TO OBTAIN THE SAME RESULTS.
- AFTER DRAINAGE OF LOW AREA IS COMPLETE, REMOVE MULCH, MUD DEBRIS, AND OTHER UNSUITABLE MATERIAL BY USING ACCEPTABLE EQUIPMENT AND METHODS THAT WILL KEEP NATURAL SOILS UNDERLYING LOW AREA DRY AND UNDISTURBED.

9. UTILITIES

- AN ATTEMPT HAS BEEN MADE TO APPROXIMATELY LOCATE UTILITIES ON THE DRAWINGS.
- UTILITIES SHOWN ON THE DRAWINGS WERE LOCATED BY VISUAL OBSERVATION, AND BY TRANSCRIBING FROM RECORD MAPS AND PLANS.
- 9.3. NO EXCAVATIONS WERE MADE TO CONFIRM SUB-SURFACE UTILITIES. NEITHER THE SURVEYOR NOR PROJECT ENGINEER GUARANTEES THAT ALL UTILITIES HAVE BEEN SHOWN, OR THAT THOSE SHOWN ARE FULLY ACCURATE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ADJUSTMENTS AND/OR RELOCATION OF EXISTING UTILITIES THAT ARE DAMAGED AS A RESULT OF WORK OF THIS PROJECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND PROPERLY DISCONNECTING, ABANDONING, RELOCATING, AND/OR ADJUSTING ALL AFFECTED UTILITIES WITHIN THE PROJECT AREA.
- ALL UTILITY WORK SHALL BE COORDINATED AND EXECUTED IN ACCORDANCE WITH THE OWNER AND/OR GOVERNING UTILITY COMPANY CODES, SPECIFICATIONS, STANDARDS, AND REQUIREMENTS.
- DESIGN AND ALIGNMENT OF UNDERGROUND TELEPHONE, TV CABLE, GAS AND ELECTRIC SERVICES SHALL BE PROVIDED BY THE INDIVIDUAL UTILITIES AND ARE NOT NECESSARILY SHOWN WITH THESE PLANS. CONTRACTOR SHALL PROVIDE CONDUITS SIZED TO ACCOMMODATE UTILITY ROUTING WITH PULL STRINGS WHERE NECESSARY.
- CONTRACTOR TO PROVIDE ALL NECESSARY APPURTENANCES NECESSARY FOR COMPLETE UTILITY SERVICES WHICH ARE NOT PROVIDED BY THE UTILITY COMPANY.
- WATER AND SEWER RELOCATIONS SHOWN SHALL COMPLY WITH THE CITY OF BRYANT'S STANDARD WATER AND SEWER SPECIFICATIONS AND DETAILS. SERVICE LINE WORK SHALL BE COMPLETED BY A LICENSED PLUMBER AND COMPLY WITH ARKANSAS PLUMBING CODE.

10. DISPOSAL OF DEBRIS, WASTE OR SPOIL

- 10.1. BURNING OF DEBRIS AND WASTE IS NOT ALLOWED. CONTRACTOR MAY BE REQUIRED TO PROPERLY HAUL AWAY AND DISPOSE OF ANY WASTE MATERIAL REMOVED FROM THE SITE.
- ANY WASTE OR SPOIL MATERIAL WHICH IS EXCAVATED FROM THE JOB SITE IS TO BE DISPOSED OF AS DIRECTED BY THE ENGINEER OR OWNER.
- 10.3. REMOVAL AND DISPOSAL OF EXCAVATED WASTE MATERIAL IS CONSIDERED SUBSIDIARY TO ALL OTHER ITEMS IN THE PROJECT, AND WILL NOT BE PAID FOR SEPARATELY.
- CONTRACTOR SHALL FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS IN DISPOSING OF DEMOLISHED MATERIAL REMOVED FROM THIS SITE.
- 10.5. CONTRACTOR SHALL REMOVE FROM SITE AND DISPOSE OF MATERIAL ENCOUNTERED IN GRADING OPERATIONS THAT, IN OPINION OF THE ENGINEER, IS UNSUITABLE OR UNDESIRABLE FOR BACKFILLING OR SUBGRADE PURPOSES. DISPOSE OF IN A MANNER SATISFACTORY TO ENGINEER. BACKFILL UNDERCUT AREAS WITH LAYERS OF SUITABLE MATERIAL AND COMPACT AS SPECIFIED HEREIN.

11. SUBSTITUTIONS

- 11.1. SUBSTITUTIONS ARE NOT ALLOWED WITHOUT PRIOR APPROVAL FROM THE PROJECT ENGINEER.
- 12. ENVIRONMENTAL

12.1. THE CONTRACTOR IS TO MEET ALL ENVIRONMENTAL REQUIREMENTS OF THE OWNER AND ANY REGULATORY AGENCY HAVING AUTHORITY OVER THIS SITE.

- 12.2. THE CONTRACTOR IS TO UTILIZE BEST MANAGEMENT PRACTICES (BMP'S) FOR CONTROL OF EROSION DURING ALL CONSTRUCTION PHASES OF THIS PROJECT.
- 12.3. MININUM BMP'S REQUIRED FOR THE PROJECT ARE LISTED ON SHEET THESE PLANS. CONTRACTOR SHALL PROVIDE THESE BMP'S AND ANY OTHERS REQUIRED FOR THE
- 12.4. CONTRACTOR SHALL KEEP WORK AREA CLEAN AND FREE OF ACCUMULATED TRASH AND DEBRIS. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING MEASURES TO AVOID TRACKING OF MUD, DIRT, ROCKS, AND DEBRIS ONTO AREAS OUTSIDE THE PROJECT AREA. CONTRACTOR SHALL CLEAN PAVEMENTS WHEN NECESSARY OR AS OTHERWISE DIRECTED, AND SHALL CONTROL DUST BY SWEEPING AND WATERING AS NEEDED. DE-TRACKING MAY BE REQUIRED AT ALL ENTRANCES.

13. FINAL SITE CONDITIONS

- 13.1. ALL DISTURBED AREAS NOT RECEIVING PAVEMENT OR LANDSCAPING SHALL HAVE VEGETATION ESTABLISHED AT TIME OF FINAL INSPECTION.
- 13.2. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATIONS SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPE 2H:1V OR STEEPER UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
- ALL CUT OR FILL SLOPES SHALL BE 3H:1V OR FLATTER UNLESS OTHERWISE NOTED.
- 13.4. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS
- 13.5. UPON PARTIAL OR FINAL COMPLETION OF GRADING WORK, SPREAD TOPSOIL, SEED, FERTILIZER, AND MULCH IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE STORM WATER POLLUTION PREVENTION PLAN.

14. TRAFFIC CONTROL

14.1. CONTRACTOR SHALL ENGAGE A SUBCONSULTANT WHO SPECIALIZES IN MAINTENANCE OF TRAFFIC PLANS. SUBCONSULTANT SHALL PREPARE A MAINTENANCE OF TRAFFIC PLAN FOR THE PROJECT THAT COMPLIES WITH THE REQUIREMENTS OF MUTCD AND ALL APPLICABLE AUTHORITIES HAVING JURISDICTION OVER ROAD RIGHT-OF-WAY. CONTRACTOR SHALL SUBMIT MAINTENANCE OF TRAFFIC PLAN TO ENGINEER FOR APPROVAL PRIOR TO BEGINNING WORK.

ering, 3825 Mt Cal

Ü

FOR: IER IT, AR

ARKANSAS Vernon ** * Walke REGISTERED **PROFESSIONAL** Z ENGINEER 6 * * * NO. 9551

03-06-2023

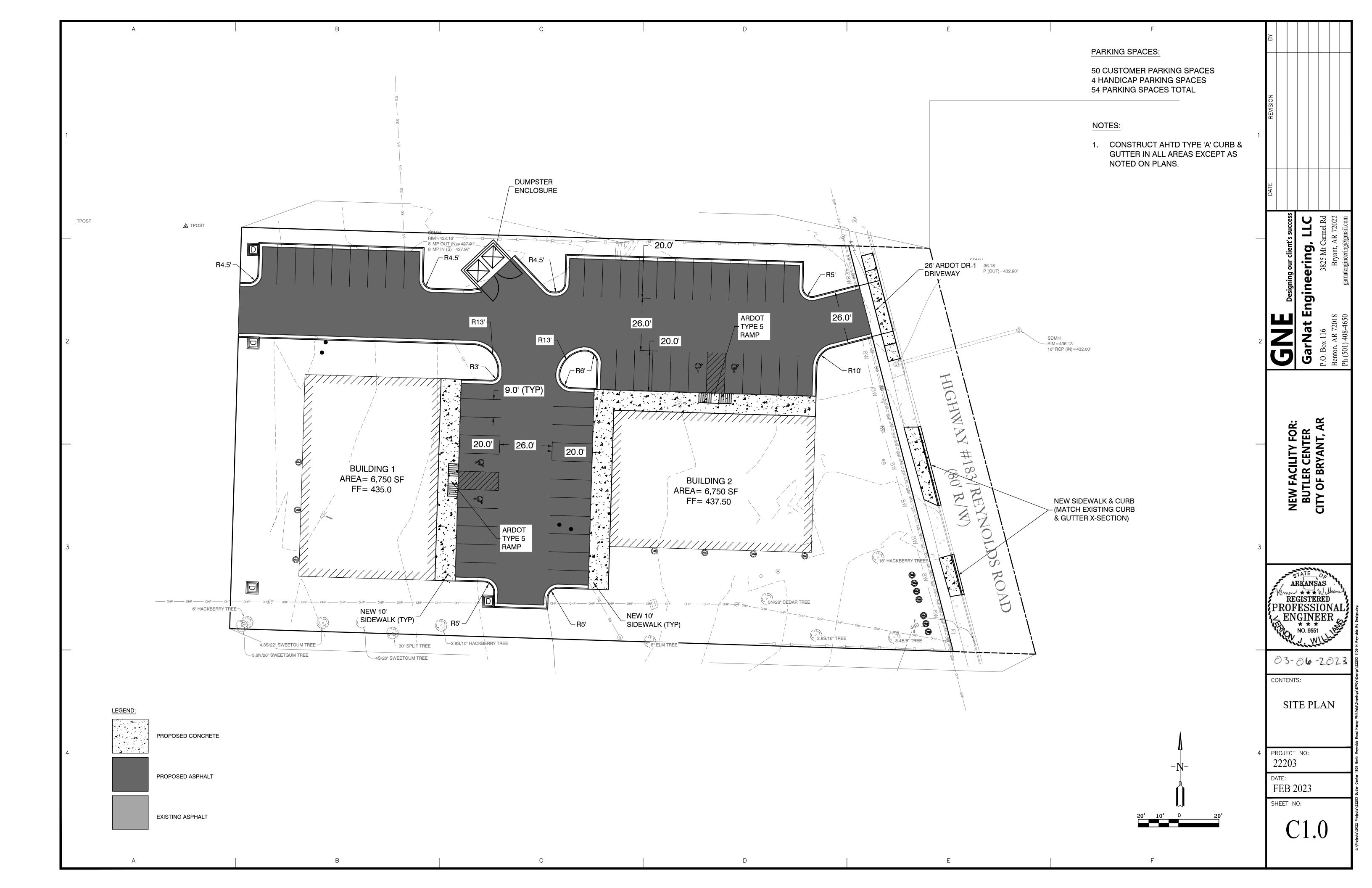
CONTENTS:

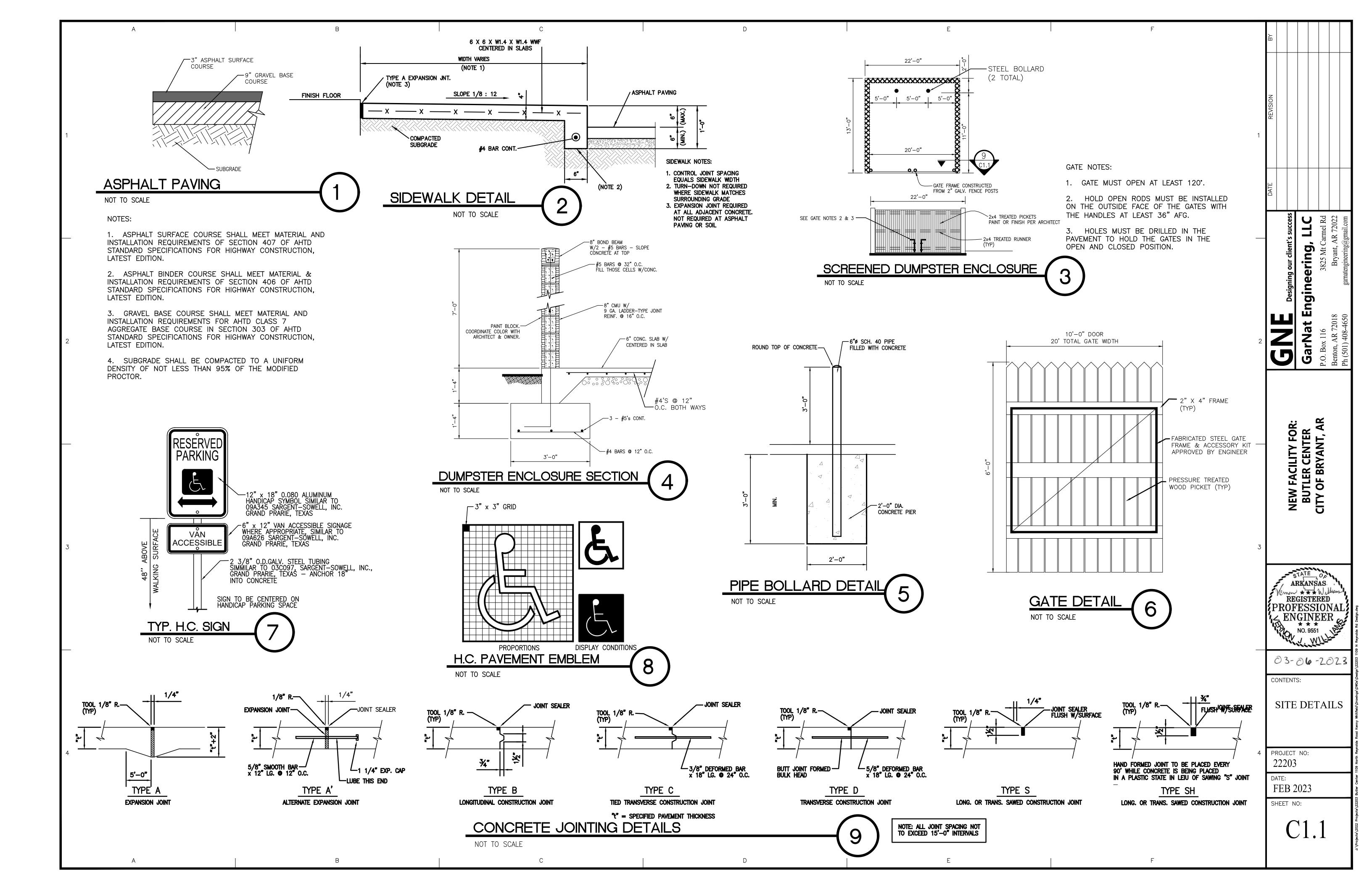
GENERAL **NOTES**

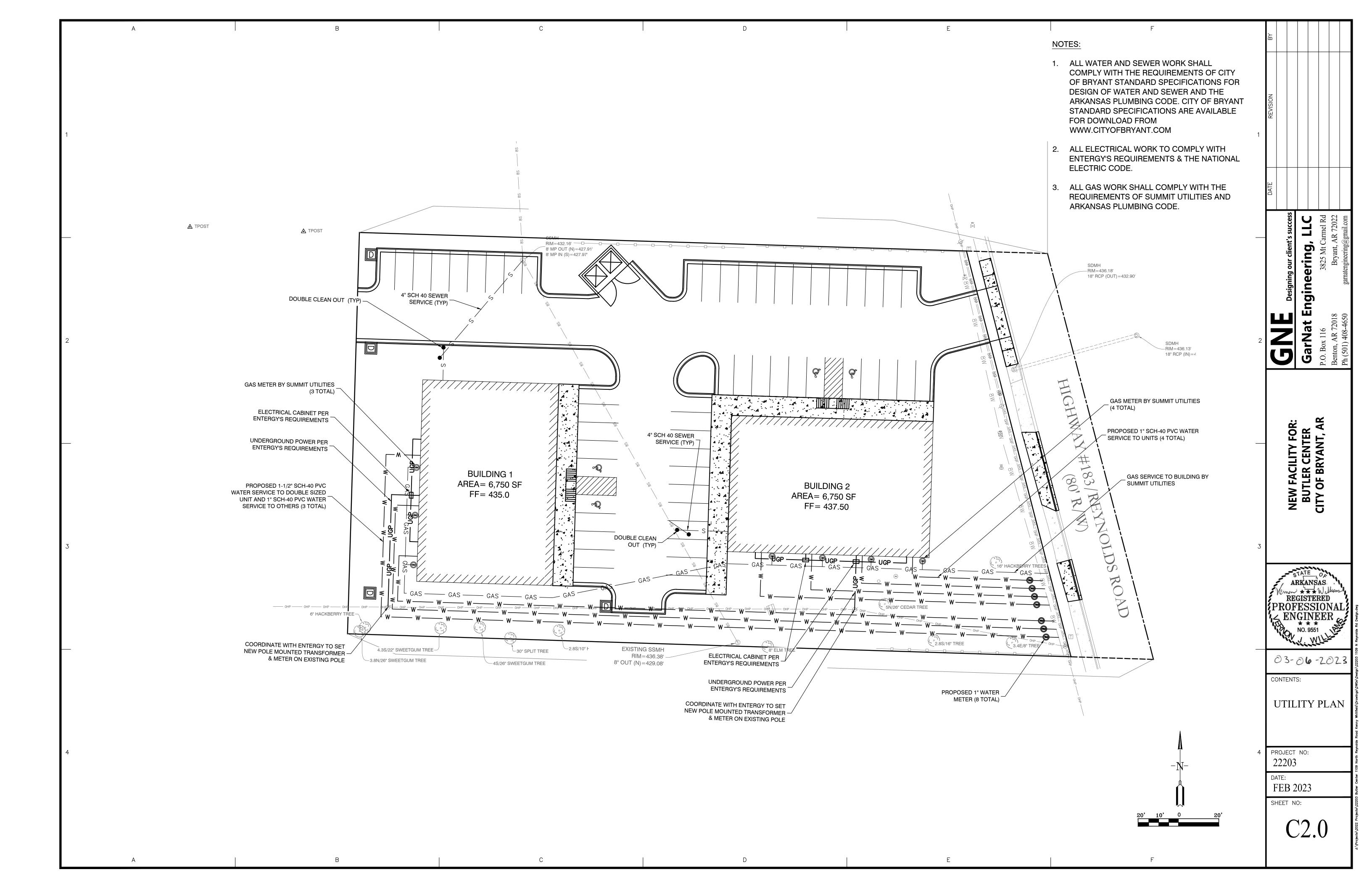
PROJECT NO: 22203

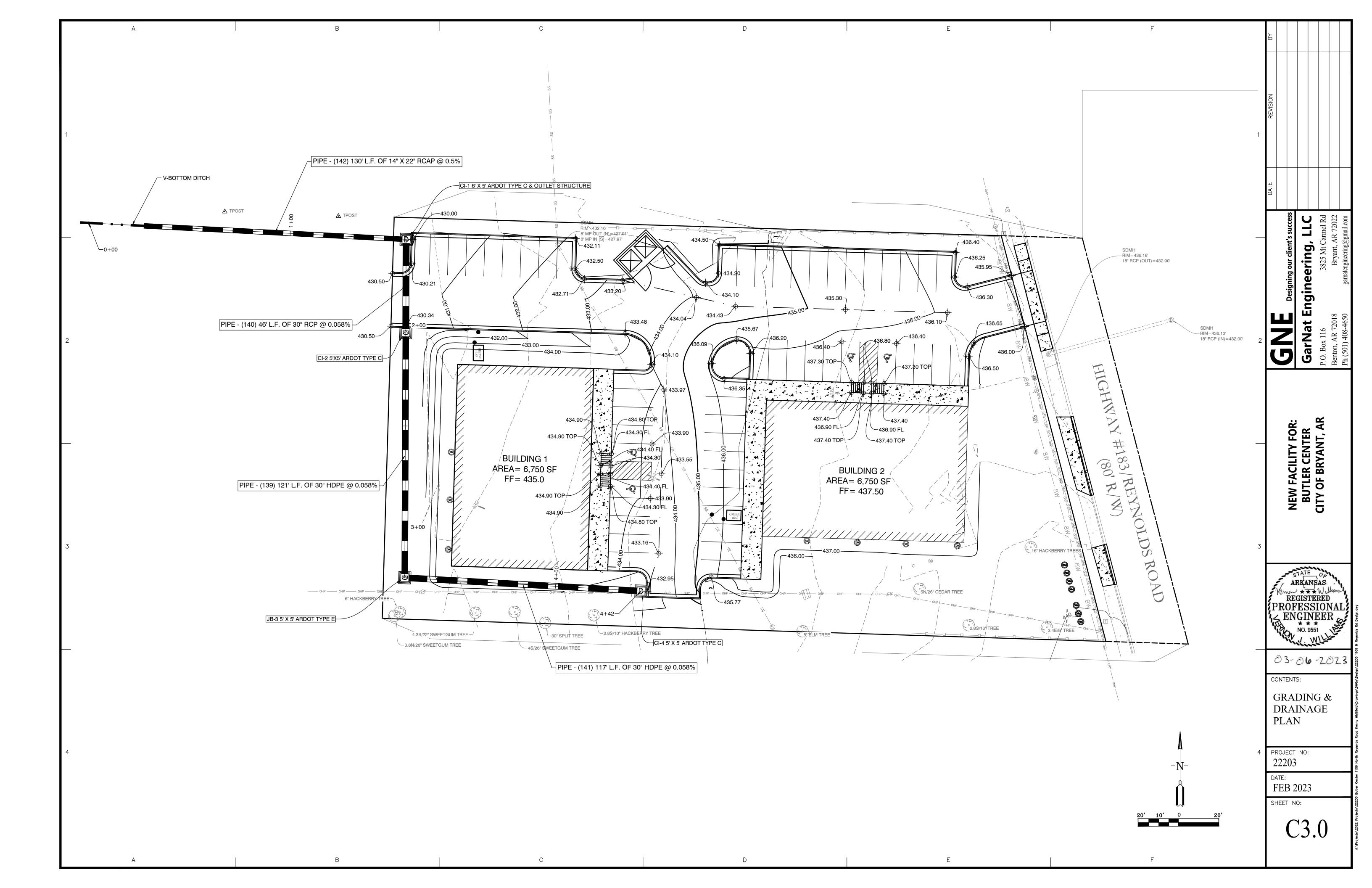
> FEB 2023 SHEET NO:

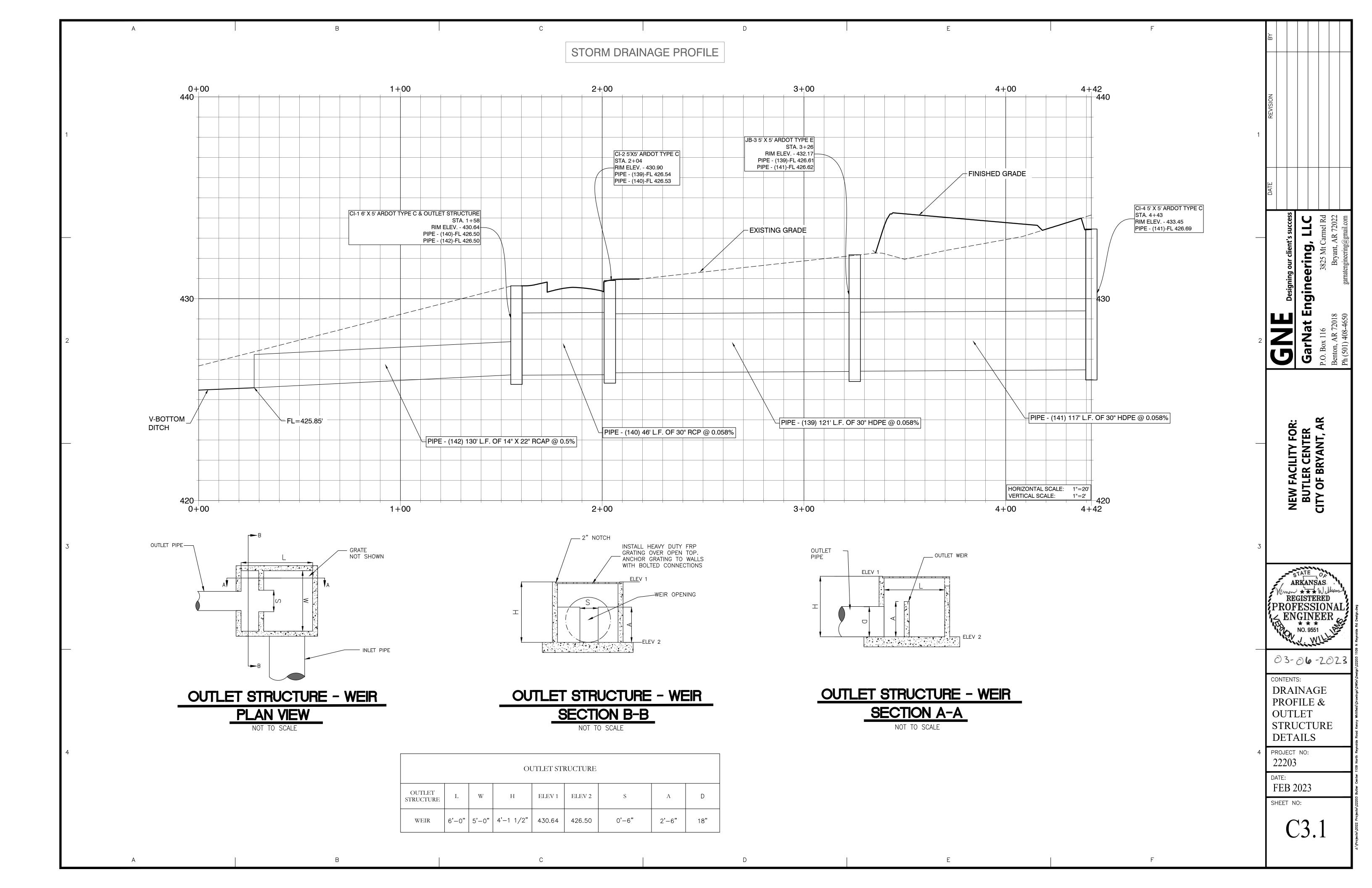
> > G1

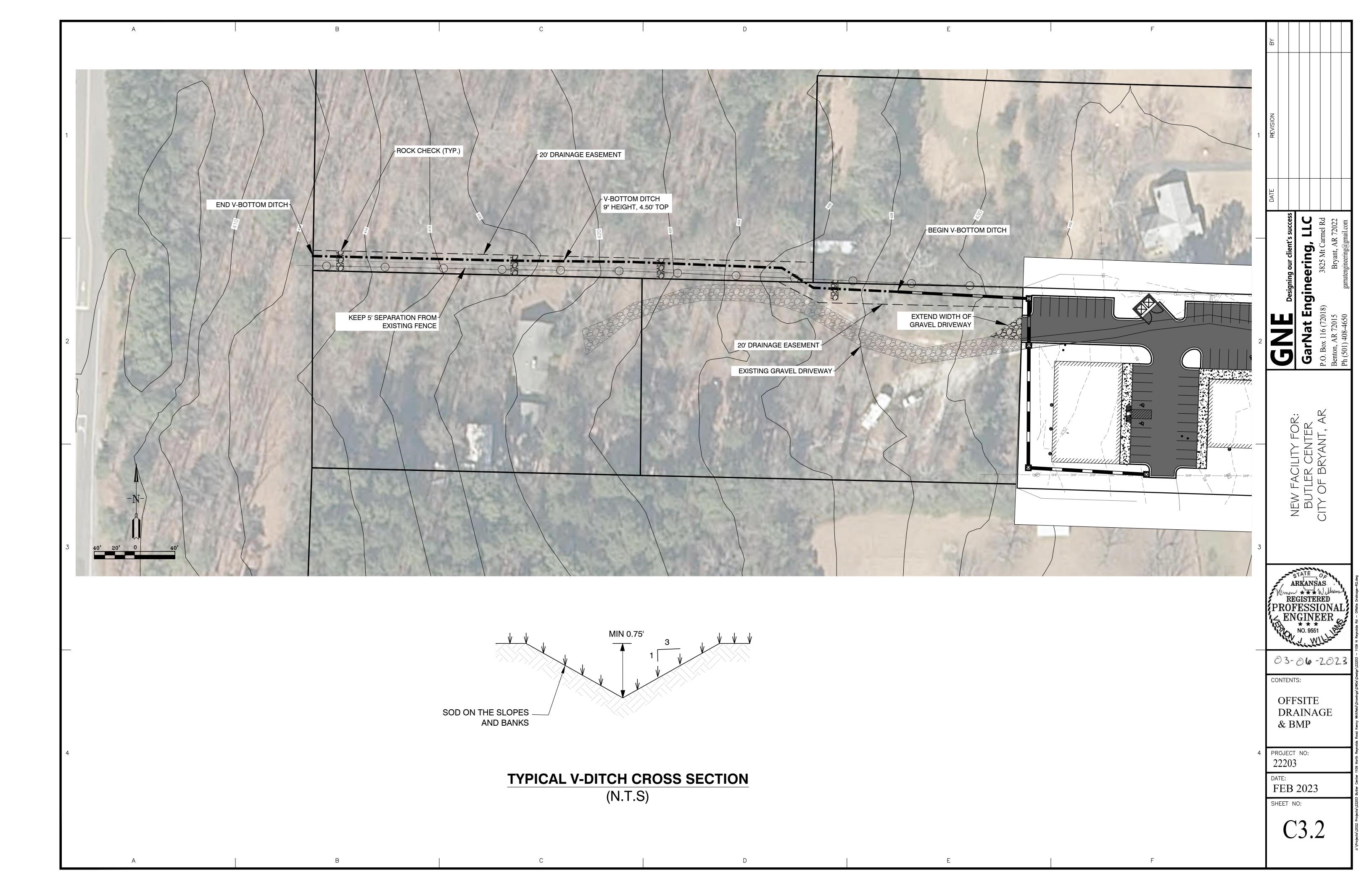


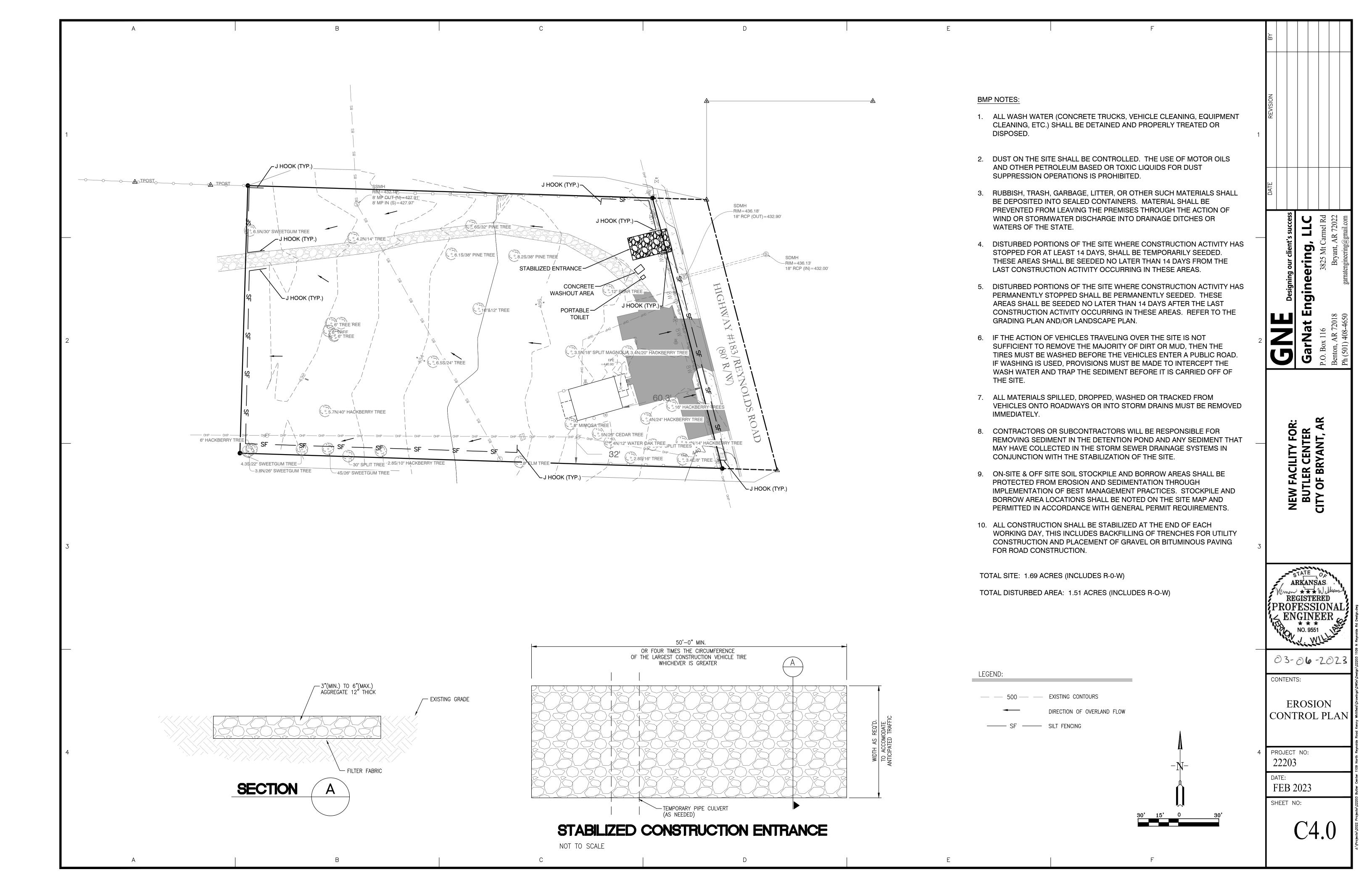


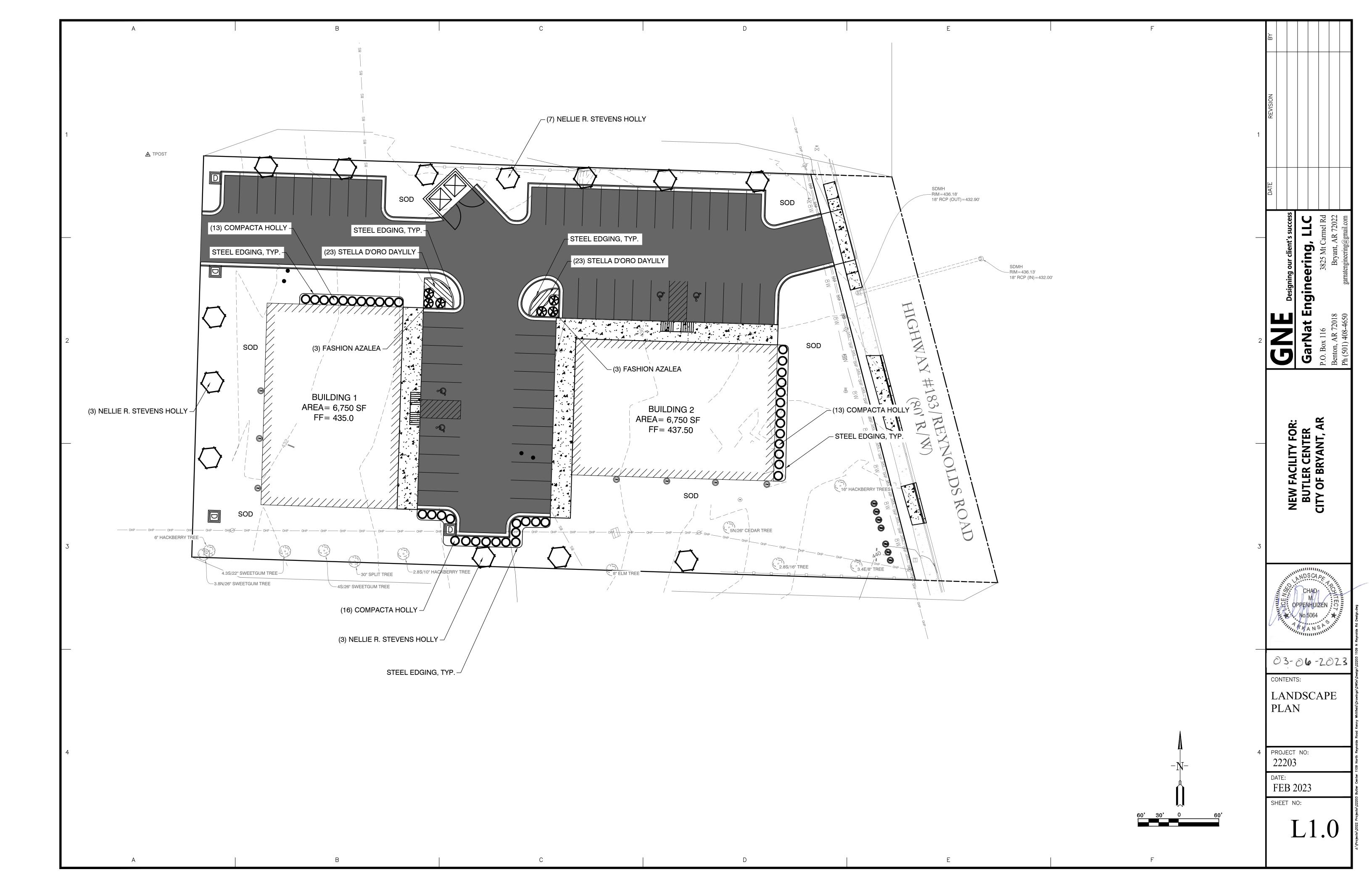












LANDSCAPING NOTES:

- REPORT ANY DISCREPANCIES FOUND IN THE PLANS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADVISE THE DESIGNER OF ANY CONDITION FOUND ON THE SITE WHICH PROHIBITS INSTALLATION AS SHOWN ON THESE DRAWINGS.
- 2. THE NUMBER OF PLANTS OR INTENDED COVERAGE AREAS SHOWN SHALL SUPERSEDE NOTED QUANTITIES. TREE LOCATIONS ARE DIAGRAMMATIC.
- 3. ALL PLANT MATERIALS MUST BE APPROVED PRIOR TO INSTALLATION. SUBSTITUTIONS OF SIZE OR TYPE OF MATERIAL ARE NOT PERMITTED WITHOUT WRITTEN APPROVAL PRIOR TO DELIVERY OR INSTALLATION.
- 4. ALL PLANT MATERIALS SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION. REPLACE ANY DAMAGED, DESTROYED, OR REMOVED PLANT MATERIALS WITH THE SAME VARIETY AND SIZE PRIOR TO FINAL ACCEPTANCE.
- 5. PLANT STORAGE TO BE LOCATED OUT OF VEHICULAR USE AREAS AND NEAR A WATERING SYSTEM TO OPTIMIZE SURVIVAL.
- 6. ALL PLANTING BEDS SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM.
- 7. ALL PLANTING BEDS SHALL BE MULCHED WITH 3-INCHES SHREDDED HARDWOOD OR CYPRESS MUCH
- 8. ALL SHRUBS AND TREES SHALL RECEIVE PLANTING BACKFILL OF 2/3 TOPSOIL AND 1/3 COMPOST BY VOLUME AND 2 POUNDS OF 14-14-14 TIMED-RELEASE FERTILIZER PER CUBIC YARD OF BACKFILL.
- 9. ALL BEDS INSIDE LAWN AREAS TO BE EDGED WITH 4" PAINTED STEEL EDGING.
- 10. ALL TREES AND SHRUBS SHALL BE THOROUGHLY WATERED IMMEDIATELY AFTER PLANTING.

- II. TREES SHALL NOT BE TOPPED AT ANY TIME. PROPER TREE PRUNING TECHNIQUES AS ESTABLISHED BY THE LATEST EDITION OF ANSI A300 STANDARDS FOR TREE CARE SHALL BE UTILIZED FOR MAINTENANCE PURPOSES.
- 12. COORDINATE ALL INSTALLATION ACTIVITIES WITH IRRIGATION WORK AND IMMEDIATELY REPAIR DAMAGES TO FINISH GRADES, SOD, AND PLANT MATERIALS UNTIL FINAL ACCEPTANCE.
- 13. SEE GRADING AND DRAINAGE PLAN FOR PROPOSED SLOPES, SWALES, BERMS, AND WATER FEATURES. MAINTAIN PROPER FINISH GRADES IN ALL AREAS AS INDICATED
- 14. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING, REMOVAL OF MISCELLANEOUS DEBRIS AND ANY ADDITIONAL FILL REQUIRED TO PROVIDE MINIMUM TOPSOIL DEPTHS AND CREATE A SMOOTH CONDITION PRIOR TO PLANTING IN ALL AREAS.
- 15. TOPSOIL SHALL BE FREE OF STONES, ROOTS, CLODS, AND ANY OTHER FOREIGN MATERIAL THAT IS NOT BENEFICIAL FROM PLANT GROWTH.
- 16. LANDSCAPE AND OPEN AREAS SHALL BE KEPT FREE OF TRASH. LITTER, AND WEEDS AT ALL TIMES DURING CONSTRUCTION.
- 17. IDENTIFICATION LABELS MUST BE ATTACHED TO ALL PLANT MATERIALS AND SHALL REMAIN INTACT UNTIL FINAL ACCEPTANCE OF THE WORK. REMOVE ALL TAGS AND LABELS FOLLOWING FINAL ACCEPTANCE.
- 18. CALIPER OF TREES TO BE MEASURED 6-INCHES ABOVE GROUND LEVEL FOR TREES UP TO 4-INCH CALIPER SIZE.
- 19. GENERAL CONTRACTOR SHALL PROVIDE 6-INCH DIAMETER MINIMUM SCHEDULE 40 PVC SLEEVING FOR IRRIGATION TO ALL CURB ISLANDS AND UNDER ALL DRIVE ISLE CROSSINGS.
- 20. CONTRACTOR TO REFER TO THE UTILITY PLAN SHEET FOR RECENT FIRE FLOW INFORMATION.

NOTE: PLANTS SHALL BE SET SLIGHTLY HIGHER THAN GRADE TO ALLOW FOR SETTLING \$ POSITIVE DRAINAGE.

-PLACE TIES ABOVE LOWEST SCAFFOLD BRANCHES -NO. 10 GALV. WIRE THRU 1/2" RUBBER HOSE. TWIST OR ANCHOR WIRE TO STAKE. MIN. 2 PER STAKE

-6'-0" GREEN STEEL PREPAINTED T-POST WITH 6" FLUORESCENT WHITE/SILVER TOP TREE STAKE, MIN. 3 REQUIRED AT 120 DEGREES AROUND TREE

-6" SURVEYORS TAPE ON ALL GUY WIRES (TYP.)

-COMMERCIAL TREE WRAP. NEATLY WRAP SPIRALLY FROM BOTTOM. TIE WITH SUITABLE CORD. PROVIDE WHEN SPECIFIED.

- MULCH MIN. 3" PULL MULCH BACK 2" FROM BASE OF TRUNK

-REMOVE BURLAP FROM TOP OF ROOTBALL AND REMOVE ALL TIES. FOLD BACK BURLAP AT TOP OF BALL. WHEN PRESENT, REMOVE ALL SYNTHETIC BURLAP.

-- WATER RETENTION SAUCER (TEMPORARY)

- AGRIFORM TABLET AS PER SPECIFICATIONS MAX. 6" BELOW SURFACE

-COMPACTED SUBGRADE PREPARED BACKFILL PROVIDE HOMOGENOUS MIXTURE AS SPECIFIED OF 3:1:1 RATIO OF TOPSOIL. PEATMOSS AND SAND OR OTHER APPROVED

-SLASH BURLAP THREE TIMES - I 2" COMPACTED BACKFILL

SOIL AMENDMENTS.

-LAYER OF MIXED SUBSOIL WITH PLANTING MEDIUM -BREAK SUBSOIL WITH PICK AX

NOTE; PLACE ALL PVC LATERIALS OUSTSIDE OF ROOTBALL NOTE: PROVIDE FERTILOME FOOD STIMULATOR IN EACH TREE PIT.

TREE PLANTING DETAIL

I 1/2 THE BALL SIZE

SODDING OF DISTURBED AREAS

AREAS AND LIMITS OF SODDING ARE INDICATED BASED ON ANTICIPATED DISTURBANCE BY GRADING OPERATIONS. CONTRACTOR TO PROVIDE ADDITIONAL SODDING IN ANY OTHER AREAS DISTURBED BY WORK UNDER THIS CONTRACT. EXCAVATE AND REMOVE ANY REMAINING TURF AND SOIL TO A 4-INCH MINIMUM DEPTH WITHIN NEW SOD AREAS. HAND EXCAVATION REQUIRED WITHIN DRIP LINES OF TREE AREAS TO AVOID DAMAGE TO EXISTING ROOTS.CONTRACTOR TO INSTALL MINIMUM OF 3" OF TOPSOIL TO ALL AREAS TO BE SODDED OR SEEDED. FINE GRADE THE TOPSOIL TO ENSURE POSITIVE DRAINAGE AND A SMOOTH SURFACE FOR SOD INSTALLATION.

MAINTENANCE AND WARRANTY

CONTRACTOR TO PROVIDE FULL MAINTENANCE OF INSTALLED LANDSCAPE AND IRRIGATION UNTIL DATE OF FINAL ACCEPTANCE. ADDITIONALLY, CONTRACTOR TO PROVIDE ONE YEAR WARRANTY FOR ALL LANDSCAPE AND IRRIGATION WORK FROM THE DATE OF FINAL ACCEPTANCE.

IRRIGATION SYSTEM

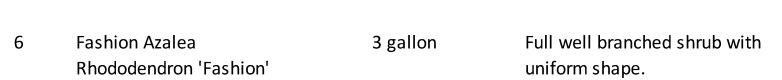
CONTRACTOR TO PROVIDE AUTOMATIC IRRIGATION SYSTEM FOR ALL NEW LANDSCAPE AND TURF AREAS SHOWN ON THE PLANS. SYSTEM WILL REQUIRE PROVIDING BACKFLOW PREVENTER, PERMITTING, POWER CONNECTION, CONTROLLER, AND ALL OTHER WORK REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM THAT PROVIDES 100% COVERAGE. COORDINATE LOCATION OF CONTROLLER WITH OWNER, GENERAL CONTRACTOR, AND ELECTRICAL CONTRACTOR. COORDINATE LOCATION OF IRRIGATION SLEEVES WITH GENERAL CONTRACTOR PRIOR TO FULLY MOBILIZING TO SITE. CONTRACTOR TO REFER TO THE UTILITY PLAN SHEET FOR CURRENT FIRE FLOW INFORMATION.

LEGEND:

PLAN QUANTITIES:

Quantity	Common Name/Botanical Name	Size	Remarks
13	Nellie R. Stevens Holly	10/15 gallon, 3-4'	Specimen with positive uprig
	llex x 'Nellie R. Stevens'	tall	form and symmetrical. Well
			branched canopies.





3 gallon

Full well branched shrub with

uniform shape.



Stella D'Oro Daylily 1 gallon Plant 18" o.c. Hemerocallis x Stella D'oro

Compacta Holly

Ilex crentata 'Compacta'

Contractor Bermuda Tifway 419 Solid sod, all areas indicated Sod to measure Cynodon Dactylon var. Tifway 419 with close knit joints

ering, 3825 Mt (<u>.</u> Ø

U

VEW FACILITY FOR: BUTLER CENTER ITY OF BRYANT, AR

ANDSCAPA

CHADA OPPENHUIZEN No 5064

03-06-2023

LANDSCAPING NOTES & **DETAILS**

PROJECT NO: 22203

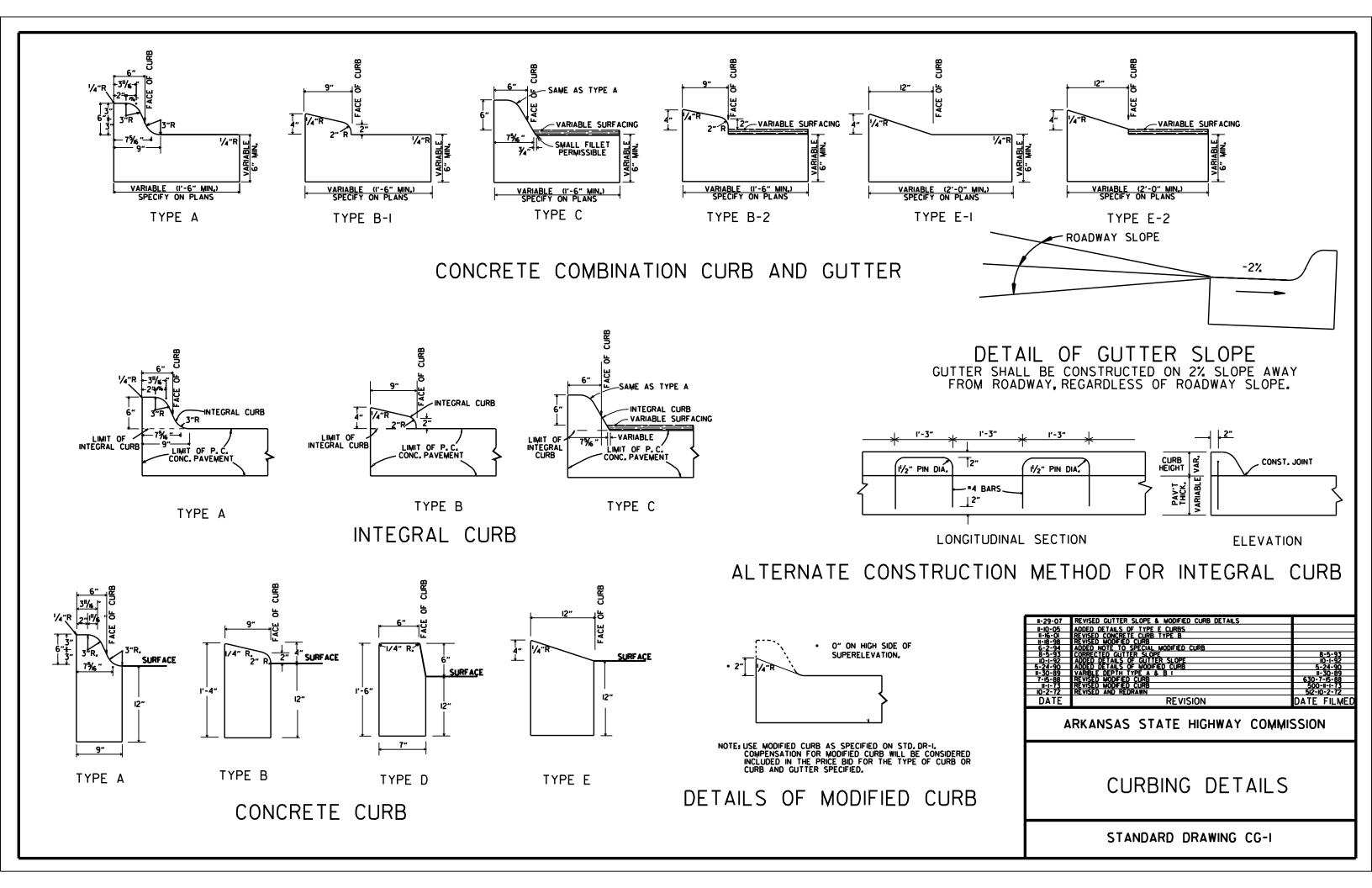
CONTENTS:

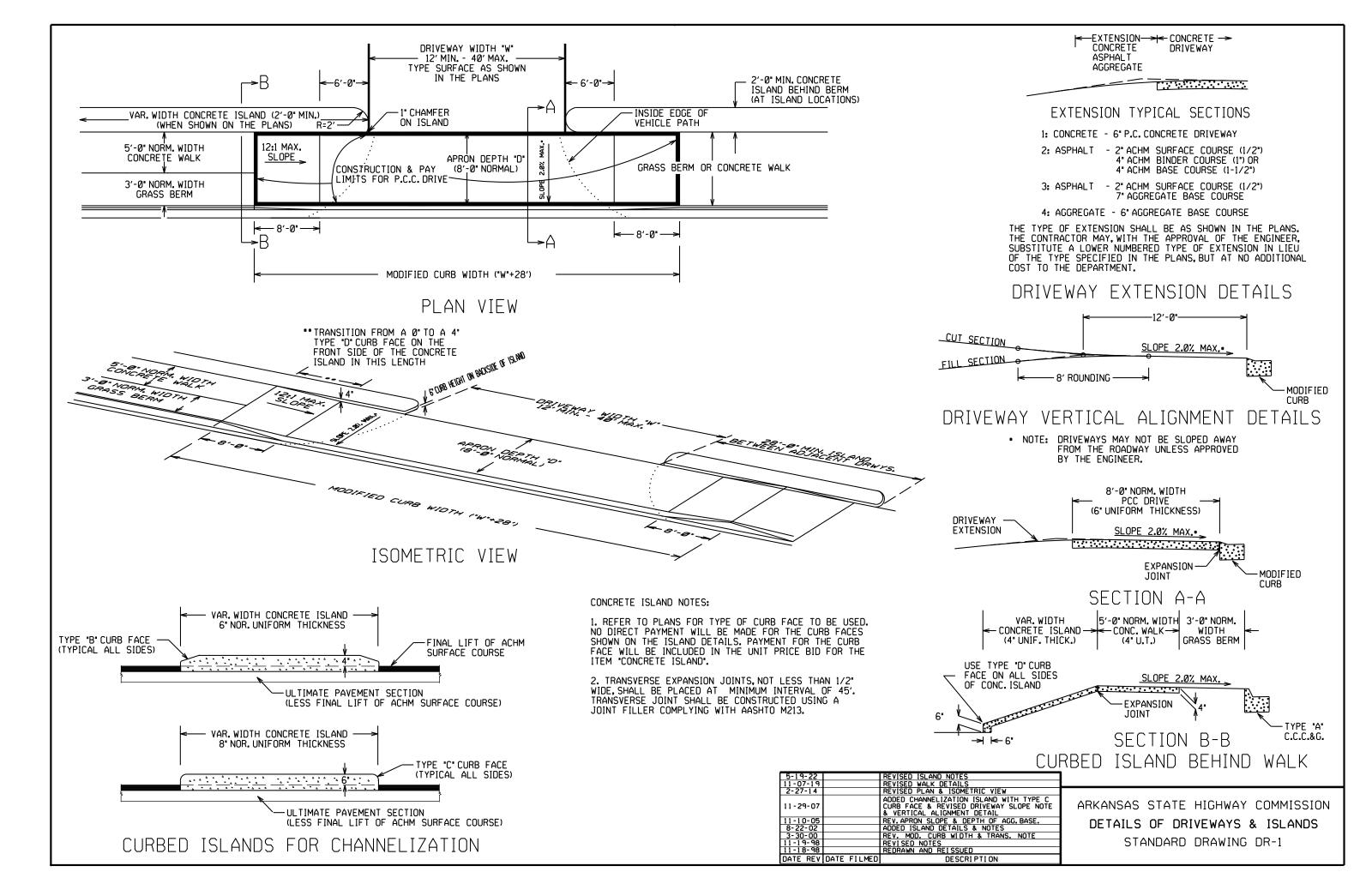
FEB 2023 SHEET NO:

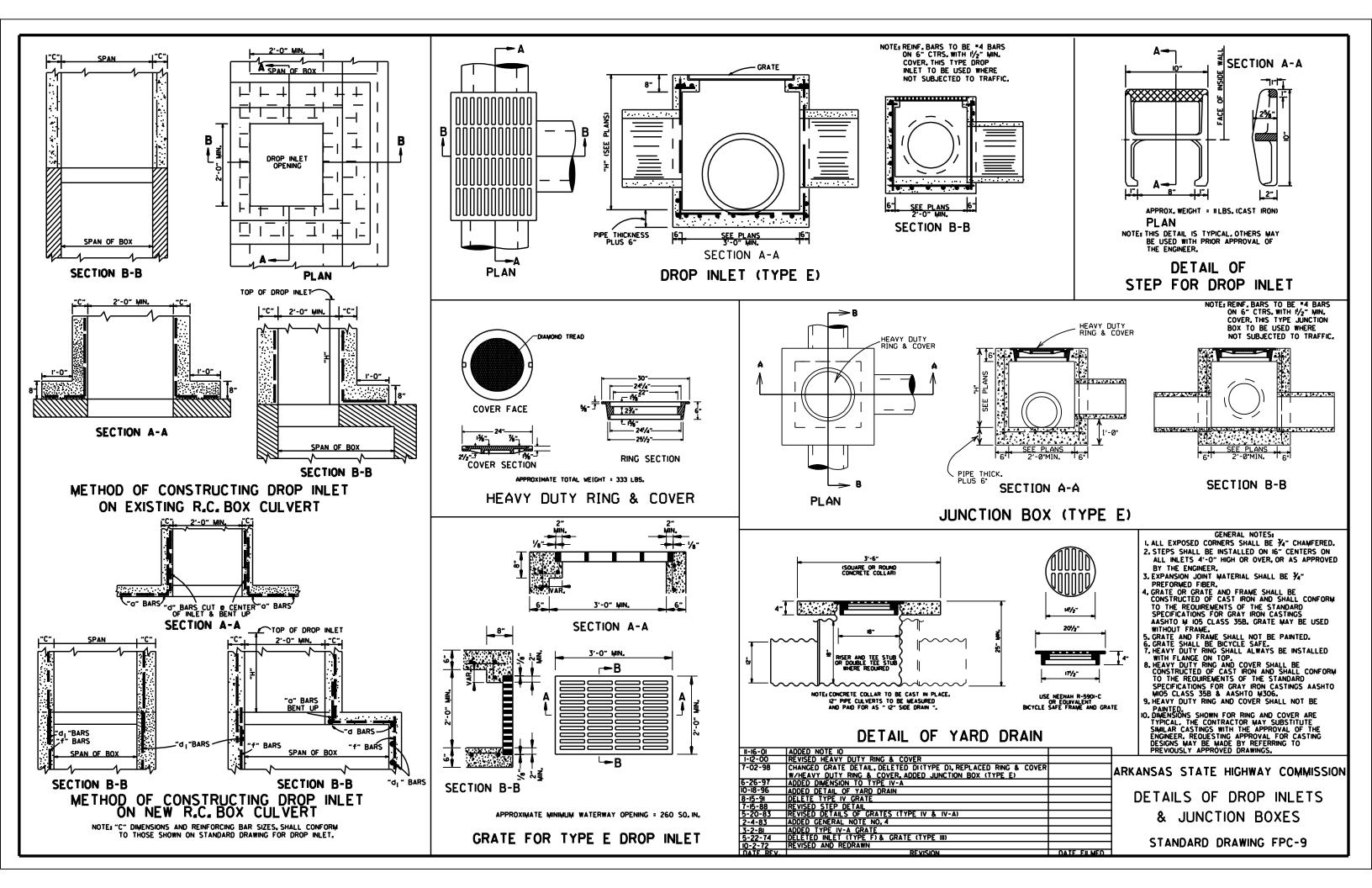
· 18" MIN. FOR PLANTS UP TO 4'-0" HIGH -GROUND LINE TO BE SAME AS AT THE NURSERY - PROVIDE MIN. 2" DEPTH OF HARDWOOD MULCH AND AS REQUIRED BY ORDINANCE. WHEN PRESENT, REMOVE BURLAP FROM TOP 1/3 OF ROOTBALL AND REMOVE TIES -BREAK SUBSOIL WITH PICK AX -6" MIN. FOR PLANTS UP TO

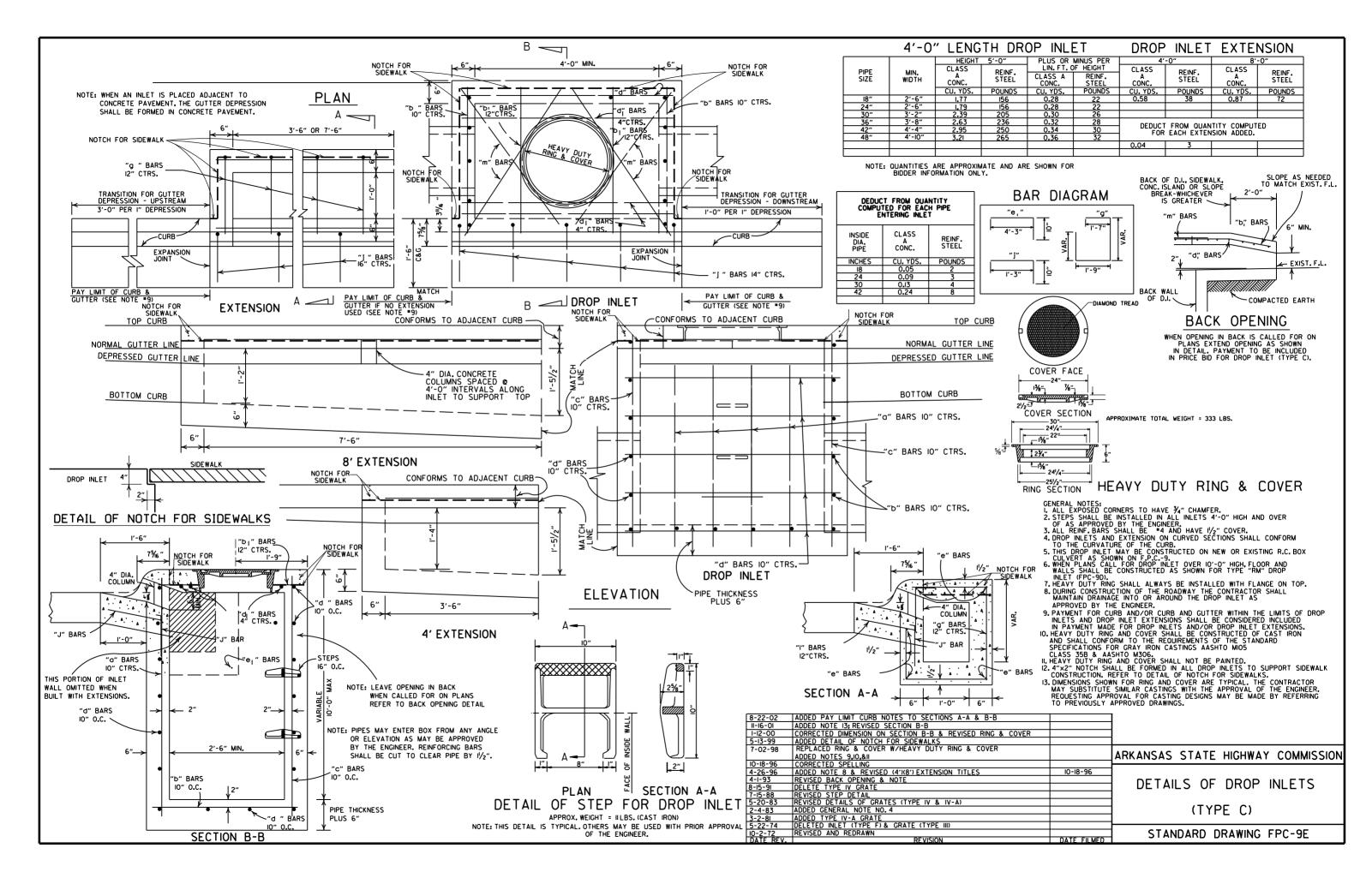
. PROVIDE WEED CONTROL AND/OR FERTILIZER AS SPECIFIED BELOW . WEED CONTROL AND FERTILIZER MAY BE APPLIED AT A LATER DATE TO COMPLY WITH SEASONAL CONDITIONS AND THE GROWING PERIOD. PROVIDE AGRIFORM TABLETS AS PER MANUFACTURERS RECOMMENDATIONS. 4. PROVIDE HOMOGENOUS BACKFILL PLANTING MIXTURE OF 3:1 RATIO TOPSOIL TO PEATMOSS AND/OR OTHER APPROVED SOIL AMENDMENTS 5. PROVIDE FERTILOME ROOT STIMULATOR OR APPROVED EQUAL IN PITS. 6. APPLY BALAN PREEMERGENT WEED CONTROL OR APPROVED EQUAL TREATMENT ON ALL SHRUB AND GROUNDCOVER BEDS.

SHRUB PLANTING DETAIL









REINFORCED CONCRETE ARCH PIPE DIMENSIONS

EQUIV.	SPAN		RISE	
DIA.	AASHTO M 206	ARDOT NOMINAL	AASHTO M 206	ARDOT NOMINAL
INCHES		INC	HES	
15 18 21 24 30 36 42 48 54 60 72 84 90 96 108 120 132	18 22 26 28½ 36¼ 43¾ 51½ 65 73 88 102 115 122 138 154 168¾	18 22 26 29 36 44 51 59 65 73 88 102 115 122 138 154 169	11 13½ 15½ 18 22½ 26% 31% 36 40 45 54 62 77½ 87½ 96% 106½	11 14 16 18 23 27 31 36 40 45 54 62 77 87 97

THE MEASURED SPAN AND RISE SHALL NOT VARY MORE THAN + 2 PERCENT FROM THE VALUES SPECIFIED BY AASHTO M206.

REINFORCED CONCRETE HORIZONTAL ELLIPTICAL PIPE DIMENSIONS

'		_ DINCIA210I42			
	EQUIV.	AASHTO M 207			
	DIA.	SPAN	RISE		
	INCHES	INC	HES		
	18	23	14		
	24	30	19		
	27	34	22		
	30	38	24		
	33	42	27		
	36	45	29		
	39	49	32		
	42	53	34		
	48	60	38		
	54	68	43		
	60	76	48		
	66	83	53		
	72	91	58		
	78	98	63		
	84	106	68		

THE MEASURED SPAN AND RISE SHALL NOT VARY MORE THAN
± 2 PERCENT FROM THE VALUES SPECIFIED BY AASHTO M207.

CONSTRUCTION SEQUENCE

- I. PLACE STRUCTURAL BEDDING MATERIAL TO GRADE. DO NOT COMPACT.
 2. INSTALL PIPE TO GRADE.
 3. COMPACT STRUCTURAL BEDDING OUTSIDE THE MIDDLE THIRD OF THE PIPE.
 4. PLACE AND COMPACT THE HAUNCH AREA UP TO THE MIDDLE OF THE PIPE.
 5. COMPLETE BACKFILL ACCORDING TO SUBSECTION 606.03.(f)(I).

NOTE: HAUNCH AND STRUCTURAL BEDDING MATERIAL WILL NOT BE PAID FOR SEPARATELY, BUT COMPENSATION WILL BE CONSIDERED TO BE INCLUDED IN THE PRICE BID PER LINEAR FOOT OF CONCRETE

- LEGEND -

D₁ = NORMAL INSIDE DIAMETER OF PIPE
D₀ = OUTSIDE DIAMETER OF PIPE
H = FILL COVER HEIGHT OVER PIPE (FEET)
MIN. = MINIMUM
STATE = UNDISTURBED SOIL

INSTALLATION TYPE	MATERIAL REQUIREMENTS FOR HAUNCH AND STRUCTURAL BEDDING
TYPE 1	AGGREGATE BASE COURSE (CLASS 5 OR CLASS 7)
TYPE 2	SELECTED MATERIALS (CLASS SM-1, SM-2, OR SM-4) OR TYPE 1 INSTALLATION MATERIAL*
TYPE 3**	AASHTO CLASSIFICATION A-1 THRU A-6 SOIL OR TYPE 1 OR 2 INSTALLATION MATERIAL

- *SM-3 WILL NOT BE ALLOWED.
- ** MATERIALS SHALL NOT INCLUDE ORGANIC MATERIALS OR STONES LARGER THAN 3 INCHES.

MINIMUM HEIGHT OF FILL "H" OVER CIRCULAR R.C. PIPE CULVERTS

		CLASS O	F PIPE	
	CLASS	III	CLASS IV	CLASS V
INSTALLATION TYPE	TYPE 1 OR 2	TYPE 3	ALL	ALL
PIPE ID (IN.)		FEE	Т	
12-15	2	2.5	2	1
18-24	2.5	3	2	1
27-33	3	4	2	1
36-42	3 . 5	5	2	1
48	4.5	5.5	2	1
54-60	5	7	2	1
66-78	6	8	2	1
84-108	7.5	8	2	1

NOTE: FOR MINIMUM COVER VALUES, "H" SHALL INCLUDE A MINIMUM OF 12" OF PAVEMENT AND/OR BASE.

MINIMUM HEIGHT OF FILL "H" OVER R.C. ARCH & HORIZONTAL ELLIPTICAL PIPE CULVERTS

	CLASS OF PIPE		
INSTALLATION TYPE	CLASS III	CLASS IV	
	FE	EΤ	
TYPE 2 OR TYPE 3	2.5	1.5	

NOTE: TYPE 1 INSTALLATION WILL NOT BE ALLOWED FOR ARCH & HORIZONTAL ELLIPTICAL PIPE CULVERTS.

NOTE: FOR MINIMUM COVER VALUES, "H" SHALL INCLUDE A MINIMUM OF 12" OF PAVEMENT AND/OR BASE.

MAXIMUM HEIGHT OF FILL "H" OVER CIRCULAR R.C. PIPE CULVERTS

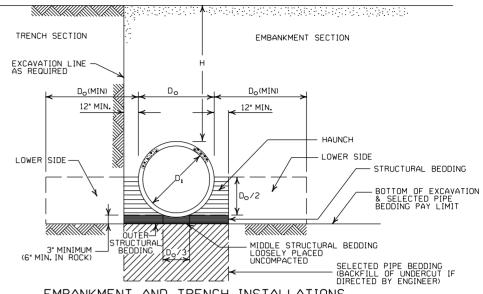
	С	LASS OF PIF	PE 3	
INSTALLATION TYPE	CLASS III	CLASS IV	CLASS V	
1175	FEET			
TYPE 1	21	32	50	
TYPE 2	16	25	39	
TYPE 3	12	20	30	

NOTE: IF FILL HEIGHT EXCEEDS 50 FEET, A SPECIAL DESIGN CONCRETE PIPE WILL BE REQUIRED USING TYPE 1 INSTALLATION.

MAXIMUM HEIGHT OF FILL "H" OVER R.C. ARCH & HORIZONTAL ELLIPTICAL PIPE CULVERTS

	CLASS OF PIPE		
INSTALLATION	CLASS III	CLASS IV	
ITPE	FEET		
TYPE 2	13	21	
TYPE 3	10	16	

NOTE: TYPE 1 INSTALLATION WILL NOT BE ALLOWED FOR ARCH & HORIZONTAL ELLIPTICAL PIPE CULVERTS.



EMBANKMENT AND TRENCH INSTALLATIONS

- I. MATERIAL IN THE HAUNCH AND OUTER STRUCTURAL BEDDING SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY ACCORDING TO THE TYPE OR CLASS OF MATERIAL USED.
- 2. FOR TRENCHES WITH WALLS OF NATURAL SOIL, THE DENSITY OF THE SOIL IN THE LOWER SIDE ZONE SHALL BE AS FIRM AS THE 95% DENSITY REQUIRED FOR THE HAUNCH, IF THE EXISTING SOIL DOES NOT MEET THIS CRITERIA, IT SHALL BE REMOVED AND RECOMPACTED TO 95% OF THE MAXIMUM DENSITY ACCORDING TO THE TYPE OF MATERIAL USED.
- 3. FOR EMBANKMENTS, THE MATERIAL IN THE LOWER SIDE ZONE SHALL BE COMPACTED TO 95% OF THE MAXIMIIM DENSITY ACCORDING TO THE TYPE OR CLASS OF MATERIAL USED.

GENERAL NOTES

- I. CONCRETE PIPE CULVERT CONSTRUCTION SHALL CONFORM TO ARKANSAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (CURRENT EDITION), WITH APPLICABLE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS. UNLESS OTHERWISE NOTED IN THE PLANS, SECTION AND SUBSECTION REFER TO THE STANDARD CONSTRUCTION SPECIFICATIONS.
- 2. CONCRETE PIPE CULVERT DESIGN SHALL CONFORM TO AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, FIFTH EDITION (2010) WITH 2010 INTERIMS.
- 3. ALL PIPE SHALL CONFORM TO SECTION 606. CIRCULAR R.C. PIPE CULVERTS SHALL CONFORM TO AASHTO MI70, R.C. ARCH PIPE CULVERTS SHALL CONFORM TO AASHTO M206 AND HORIZONTAL ELLIPTICAL PIPE CULVERTS SHALL CONFORM TO AASHTO M207.
- 4. ALL PIPE SHALL BE PROTECTED DURING CONSTRUCTION BY A COVER SUFFICIENT TO PREVENT DAMAGE FROM PASSAGE OF EQUIPMENT.
- 5. THE MINIMUM TRENCH WIDTH SHALL BE THE OUTSIDE DIAMETER OF THE PIPE PLUS 24 INCHES. THE MAXIMUM ALLOWABLE TRENCH WIDTH SHALL BE THE MINIMUM WIDTH PRACTICABLE FOR
- 6. MULTIPLE PIPE CULVERTS SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 24 INCHES BETWEEN STRINGS OF PIPE. REFER TO STD.DWG.FES-2 FOR MINIMUM CLEARANCE WHERE FLARED END SECTIONS ARE USED.
- 7. IMPERVIOUS MATERIAL SHOULD BE PLACED AS DIRECTED BY THE ENGINEER AT THE ENDS OF THE CULVERT TO PREVENT LOSS OF STRUCTURAL BEDDING WHEN PERVIOUS MATERIAL IS USED FOR STRUCTURAL BEDDING AND/OR BACKFILL.
- 8. NOT MORE THAN ONE LIFTING HOLE MAY BE PROVIDED IN CONCRETE PIPE TO FACILITATE HANDLING, HOLE MAY BE CAST IN PLACE, CUT INTO THE FRESH CONCRETE AFTER FORMS ARE REMOVED, OR DRILLED. THE HOLE SHALL NOT BE MORE THAN TWO INCHES IN DIAMETER OR TWO INCHES SOUARE. CUTTING OR DISPLACEMENT OF REINFORCEMENT WILL NOT BE PERMITTED. SPALLED AREAS AROUND THE HOLE SHALL BE REPAIRED IN A WORKMANLIKE MANNER. LIFTING HOLE SHALL BE FILLED WITH MORTAR, CONCRETE, OR OTHER METHOD AS APPROVED BY THE ENGINEER.
- 9. WHEN DIRECTED BY THE ENGINEER, UNSUITABLE MATERIAL THAT IS ENCOUNTERED AT THE BOTTOM OF THE EXCAVATED TRENCH (BELOW THE AREA IDENTIFIED AS "STRUCTURAL BEDDING" ABOVE) WILL BE EXCAVATED AND REPLACED WITH SELECTED PIPE BEDDING. THE QUANTITY OF MATERIAL REQUIRED TO BACKFILL THE UNDERCUT AREA UP TO THE SELECTED PIPE BEDDING PAY LIMIT DESIGNATED ABOVE WILL BE MEASURED AND PAID FOR AS "SELECTED PIPE BEDDING."
- IO. WHEN THE EXISTING MATERIAL EXCAVATED FOR THE PIPE TRENCH IS DETERMINED BY THE ENGINEER TO BE UNSUITABLE FOR BACKFILLING THE PIPE (ABOVE THE AREA IDENTIFIED ABOVE AS THE HAUNCH), BORROW MATERIAL OR MATERIAL FROM THE ROADWAY EXCAVATION WILL BE USED TO BACKFILL THE PIPE. IF SUITABLE MATERIAL IS NOT AVAILABLE, THE ENGINEER MAY AUTHORIZE THE USE OF "SELECTED PIPE BACKFILL."

BEDDING

			ARKANSAS STATE HIGHWAY COMMISSION
			CONCRETE PIPE CULVERT
2-27-14 12-15-11 5-18-00	REVISED GENERAL NOTE I. REVISED FOR LRFD DESIGN SPECIFICATIONS REVISED TYPE 3 BEDDING & ADDED NOTE		FILL HEIGHTS & BEDDING
3-30-00 II-06-97	REVISED INSTALLATIONS ISSUED		STANDARD DRAWING PCC-1
DATE	REVISION	DATE FILMED	

INSTALLATION TYPE	•• MATERIAL REQUIREMENTS FOR STRUCTURAL BACKFILL AND STRUCTURAL BEDDING
TYPE 2	•SELECTED MATERIALS (CLASS SM-I, SM-2 OR SM-4)

• AGGREGATE BASE COURSE (CLASS 4, 5, 6, OR 7) MAY BE USED IN LIEU OF SELECTED MATERIAL.

SM3 WILL NOT BE ALLOWED.

•• STRUCTURAL BEDDING MATERIAL SHALL HAVE A MAXIMUM PARTICLE SIZE OF INNCH, STRUCTURAL BACKFILL MATERIAL SHALL BE FREE OF ORGANIC MATERIAL, STONES LARGER THAN 1.50 INCH IN GREATEST DIMENSION, OR FROZEN LUMPS.

STRUCTURAL BACKFILL AND STRUCTURAL BEDDING MATERIAL WILL NOT BE PAID FOR SEPARATELY, BUT COMPENSATION WILL BE CONSIDERED TO BE INCLUDED IN THE PRICE BID PER LINEAR FOOT OF HOPE PIPE.

MULTIPLE INSTALLATION OF HIGH DENSITY POLYETHYLENE PIPES

PIPE DIAMETER	CLEAR DISTANCE BETWEEN PIPES
18"	1′-6″
24"	2'-0"
30"	2′-6″
36"	3′-0″
42"	3′-6″
48"	4′-0″

MINIMUM TRENCH WIDTH BASED ON FILL HEIGHT "H"

	TRENCH WIDTH (FEET)		
PIPE DIAMETER	"H" < 10'-0"	"H" >OR= 10'-0"	
18"	4′-6″	4′-6″	
24"	5′-0″	6'-0"	
30"	5′-6″	7′-6″	
36"	6′-0″	9'-0"	
42"	7′-0"	10'-6"	
48"	8'-0"	12'-0"	

I8" MIN. (I8" - 30" DIAMETERS)
24" MIN. (36" - 48" DIAMETERS)
MINIMUM COVER VALUES, "H"
SHALL INCLUDE A MINIMUM 12"
OF PAVEMENT AND/OR BASE.

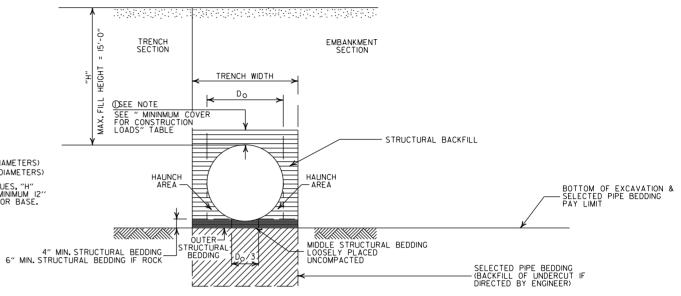
MINIMUM COVER FOR CONSTRUCTION LOADS

	② MIN. 0	OVER (FEET CONSTRUCT		ATED
PIPE DIAMETER	18.0-50.0 (KIPS)	50.0-75.0 (KIPS)	75.0-II0.0 (KIPS)	IIO.0-175.0 (KIPS)
36" OR LESS	2'-0"	2'-6"	3′-0″	3′-0″
42" OR GREATER	3'-0"	3′-0″	3′-6″	4'-0"

OMINIMUM COVER SHALL BE MEASURED FROM TOP OF PIPE TO TOP OF THE MAINTAINED CONSTRUCTION ROADWAY SURFACE. THE SURFACE SHALL BE MAINTAINED.

GENERAL NOTES

- I. PIPE SHALL CONFORM TO AASHTO M294, TYPE S. INSTALLATION SHALL CONFORM TO JOB SPECIAL PROVISION "PLASTIC PIPE" AND SECTION 606 OF THE STANDARD SPECIFICIATIONS FOR HIGHWAY CONSTRUCTION (CURRENT EDITION).
- 2. PLASTIC PIPE CULVERT DESIGN SHALL CONFORM TO AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, FIFTH EDITION (2010) WITH 2010 INTERIMS.
- 3. THE MAXIMUM ALLOWABLE TRENCH WIDTH SHALL BE THE MINIMUM WIDTH PLUS A SUFFICIENT WIDTH TO ENSURE WORKING ROOM TO PROPERLY AND SAFELY PLACE AND COMPACT HAUNCHING AND OTHER BACKFILL MATERIAL.
- 4. IMPERVIOUS MATERIAL SHOULD BE PLACED AS DIRECTED BY THE ENGINEER AT THE ENDS OF THE CULVERT TO PREVENT LOSS OF STRUCTURAL BEDDING WHEN PERVIOUS MATERIAL IS USED FOR STRUCTURAL BEDDING AND/OR BACKFILL.
- 5. WHEN DIRECTED BY THE ENGINEER, UNSUITABLE MATERIAL THAT IS ENCOUNTERED AT THE BOTTOM OF THE EXCAVATED TRENCH (BELOW THE AREA IDENTIFIED AS "STRUCTURAL BEDDING" ABOVE) WILL BE EXCAVATED AND REPLACED WITH SELECTED PIPE BEDDING. THE QUANTITY OF MATERIAL REQUIRED TO BACKFILL THE UNDERCUT AREA UP TO THE SELECTED PIPE BEDDING PAY LIMIT DESIGNATED ABOVE WILL BE MEASURED AND PAID FOR AS "SELECTED PIPE BEDDING."
- 6. WHEN THE EXISTING MATERIAL EXCAVATED FOR THE PIPE TRENCH IS DETERMINED BY THE ENGINEER TO BE UNSUITABLE FOR BACKFILLING THE PIPE (ABOVE THE AREA IDENTIFIED ABOVE AS STRUCTURAL BACKFILL), BORROW MATERIAL OR MATERIAL FORM THE ROADWAY EXCAVATION WILL BE USED TO BACKFILL THE PIPE. IF SUITABLE MATERIAL IS NOT AVAILABLE, THE ENGINEER MAY AUTHORIZE THE USE OF "SELECTED PIPE BACKFILL."
- 7. FOR PIPE TYPES THAT ARE NOT SMOOTH ON THE OUTSIDE (CORRUGATED OR PROFILE WALLS), BACKFILL GRADATIONS SHOULD BE SELECTED THAT WILL PERMIT THE FILLING OF THE CORRUGATION OR PROFILE VALLEY.
- 8. HIGH DENSITY POLYETHYLENE PIPES OF DIAMETERS OTHER THAN SHOWN WILL NOT BE ALLOWED.
- 9. JOINTS FOR HDPE PIPE SHALL MEET THE REQUIREMENTS FOR SOIL TIGHTNESS AS SPECIFIED IN AASHTO SECTION 26.4.2.4 AND 30.4.2 "AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS." JOINTS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.



TYPE 2 EMBANKMENT AND TRENCH INSTALLATIONS

I, STRUCTURAL BACKFILL, EMBANKMENT, AND OUTER STRUCTURAL BEDDING MATERIAL SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY ACCORDING TO THE TYPE OR CLASS OF MATERIAL USED.

CONSTRUCTION SEQUENCE

- I. PLACE STRUCTURAL BEDDING MATERIAL TO GRADE. DO NOT COMPACT.
- 2. INSTALL PIPE TO GRADE.
- 3. COMPACT STRUCTURAL BEDDING OUTSIDE THE MIDDLE THIRD OF THE PIPE.
- 4. THE STRUCTURAL BACKFILL SHALL BE PLACED AND COMPACTED IN LAYERS NOT EXCEEDING 8". THE LAYERS SHALL BE BROUGHT UP EVENLY AND SIMULTANEOUSLY TO THE ELEVATION OF THE MINIMUM COVER.
- 5. PIPE INSTALLATION MAY REQUIRE THE USE OF RESTRAINTS, WEIGHTING OR OTHER APPROVED METHODS IN ORDER TO HELP MAINTAIN GRADE AND ALIGNMENT.

- LEGEND -

= STRUCTURAL BACKFILL MATERIAL

= UNDISTURBED SOIL

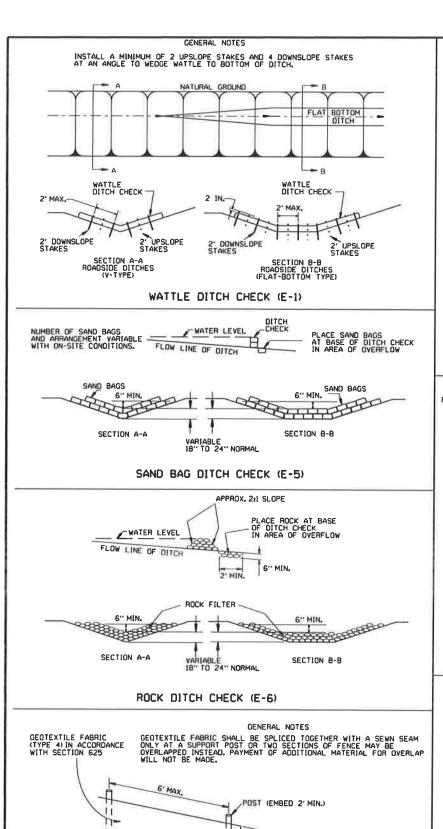
2-27-14		
12-15-11	REVISED GENERAL NOTES & MINIMUM COVER NOTE	
11-17-10	ISSUED	
DATE	REVISION	DATE FILMED

ARKANSAS STATE HIGHWAY COMMISSION

PLASTIC PIPE CULVERT

(HIGH DENSITY POLYETHYLENE)

STANDARD DRAWING PCP-1

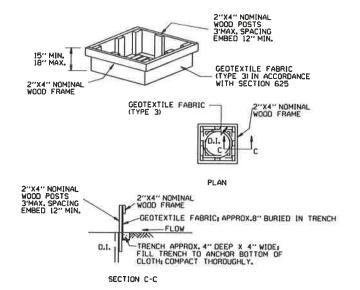


-6" MIN, BURIED

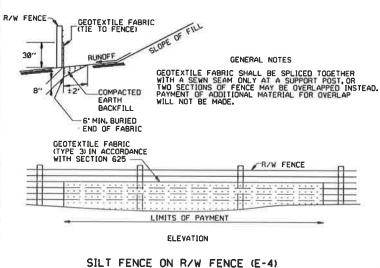
RUNOFF

COMPACTED EARTH

SILT FENCE (E-11)



DROP INLET SILT FENCE (E-7)

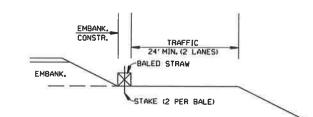


GENERAL NOTES

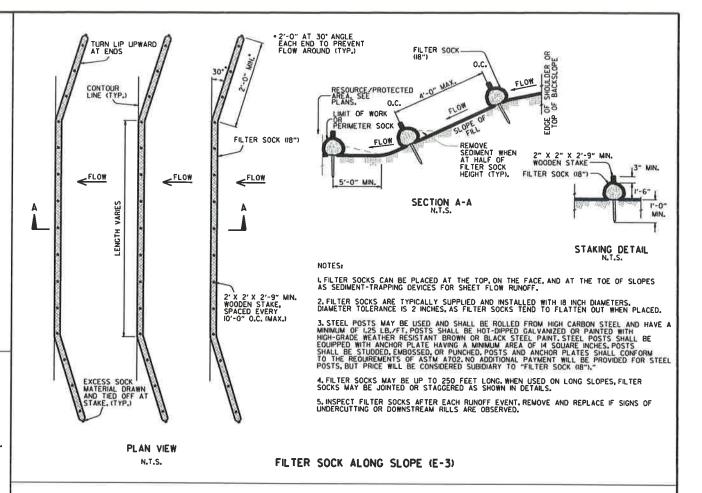
I. STRAW BALES SHALL BE INSTALLED SO THAT THE BINDINGS ARE ORIENTED AROUND THE SIDES RATHER THAN ALONG THE TOPS AND BOTTOMS OF THE BALES. THE BALES SHALL BE A MINIMUM OF 30 INCHES IN LENGTH.

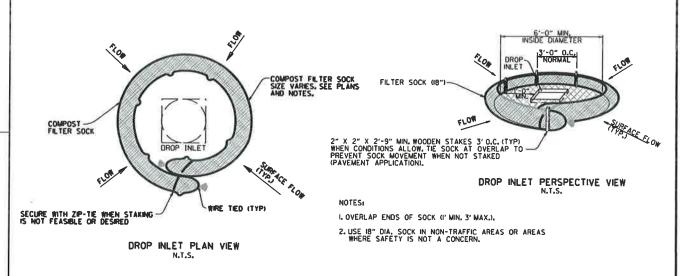
2. NO GAPS SHALL BE LEFT BETWEEN BALES.

3. BALED STRAW FILTER BARRIERS COMPLETED AND ACCEPTED WILL BE MEASURED BY THE BALE IN PLACE AS AUTHORIZED BY THE ENGINEER AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER BALE FOR BALED STRAW DITCH CHECKS.



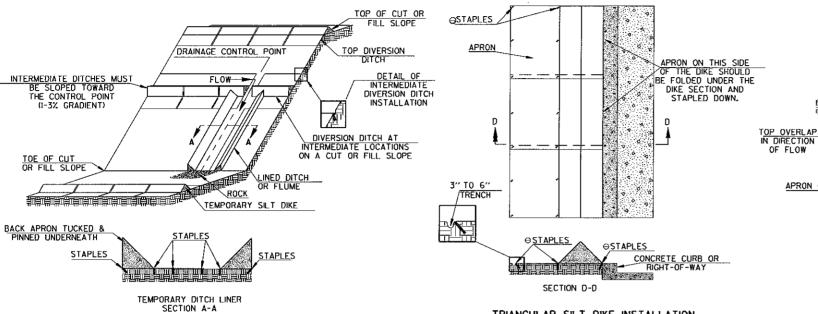
BALED STRAW FILTER BARRIER (E-2)



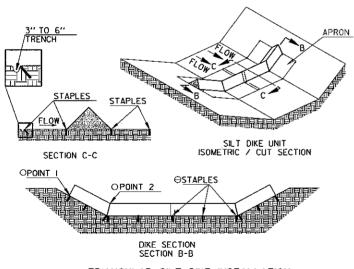


COMPOST FILTER SOCK DROP INLET PROTECTION (E-I3)

11-16-17	ADDED FILTER SOCK E-3 AND E-13		
12-15-11	DELETED BALED STRAW DITCH CHECK & ADDED WATTLE DITCH CHECK		ADVANCAS STATE UIGURAY COMBUSSION
11-18-98	ADDED NOTES		ARKANSAS STATE HIGHWAY COMMISSION
07-02-98	ADDED BALED STRAW FILTER BARRIER (E-2)		
07-20-95	REVISED SILT FENCE E-4 AND E-II	7-20-95	TEMPORARY EROSION
	REV. E-4 & E-II MIN. 13" BURIED END OF FABRIC		
06-02-94	REVISED E-1,4,7 & II; DELETED E-2 & 3	6-2-94	CONTROL DEVICES
10-01-92	REDRAWN		CONTROL DEVICES
08-02-76	ISSUED R.D.M.	298-7-28-76	CTANDADD DDAWING TEC I
DATE	REVISION	FILMED	STANDARD DRAWING TEC-I



TRIANGULAR SILT DIKE INSTALLATION FOR DIVERSION DITCH AND/OR DITCH LINER

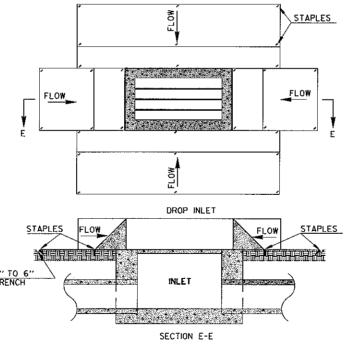


TRIANGULAR SILT DIKE INSTALLATION FOR ROADWAY DITCH OR DRAINAGE DITCH

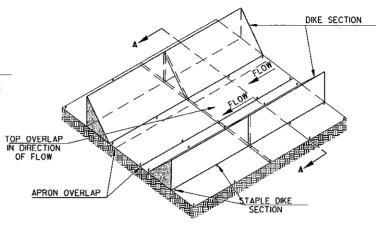
O POINT "" MUST BE HIGHER THAN POINT "2" TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE UNIT AS SHOWN ON THE DIAGRAM.

TRIANGULAR SILT DIKE INSTALLATION FOR CONTINUOUS BARRIER



TRIANGULAR SILT DIKE INSTALLATION FOR DROP INLETS



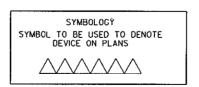
TRIANGULAR SILT DIKE INSTALLATION FOR TEMPORARY DITCH LINER

GENERAL NOTES

- I. THIS WORK SHALL CONSIST OF FURNISHING, INSTALLING, AND MAINTAINING THE TRIANGULAR SILT DIKE. THE DIKES SHALL BE USED AS A CONTINUOUS LINE BARRIER AT THE TOE OF SLOPE OR ACROSS THE ROADWAY DITCH TO CONTAIN SEDIMENT AND MINIMAZE EROSION, OR AS DIRECTED BY THE ENGINEER, THESE DIKES SHALL BE INSTALLED AND LOCATED AS SOON AS CONSTRUCTION WILL ALLOW OR AS DIRECTED BY THE ENGINEER.
- 2. TRIANGULAR SILT DIKE SHALL BE TRIANGULAR SHAPED HAVING A HEIGHT OF AT LEAST 8" TO 10" IN THE CENTER WITH EQUAL SIDES AND A 16" TO 20" BASE. THE TRIANGULAR SHAPED INNER MATERIAL SHALL BE URETHANE FOAM. THE OUTER COVER SHALL BE A WOVEN CEOTEXTILE FABRIC PLACED AROUND THE INNER MATERIAL & ALLOWED TO EXTEND BEYOND BOTH SIDES OF THE TRIANGLE 24" TO 36". THIS FABRIC SHOULD BE MILDEW RESISTANT, ROT-PROOF AND RESISTANT TO HEAT AND ULTRAVIOLET RADIATION MEETING REQUIREMENTS FOR SEDIMENT CONTROL IN AASHTO M288. THE DIKES SHALL BE ATTACHED TO THE GROUND WITH WIRE STAPLES. THE STAPLES SHALL BE NO. II GAUGE WIRE AND BE AT LEAST 6" TO 8" LONG. STAPLES SHALL BE PLACED AS SHOWN ON THESE DETAILS.

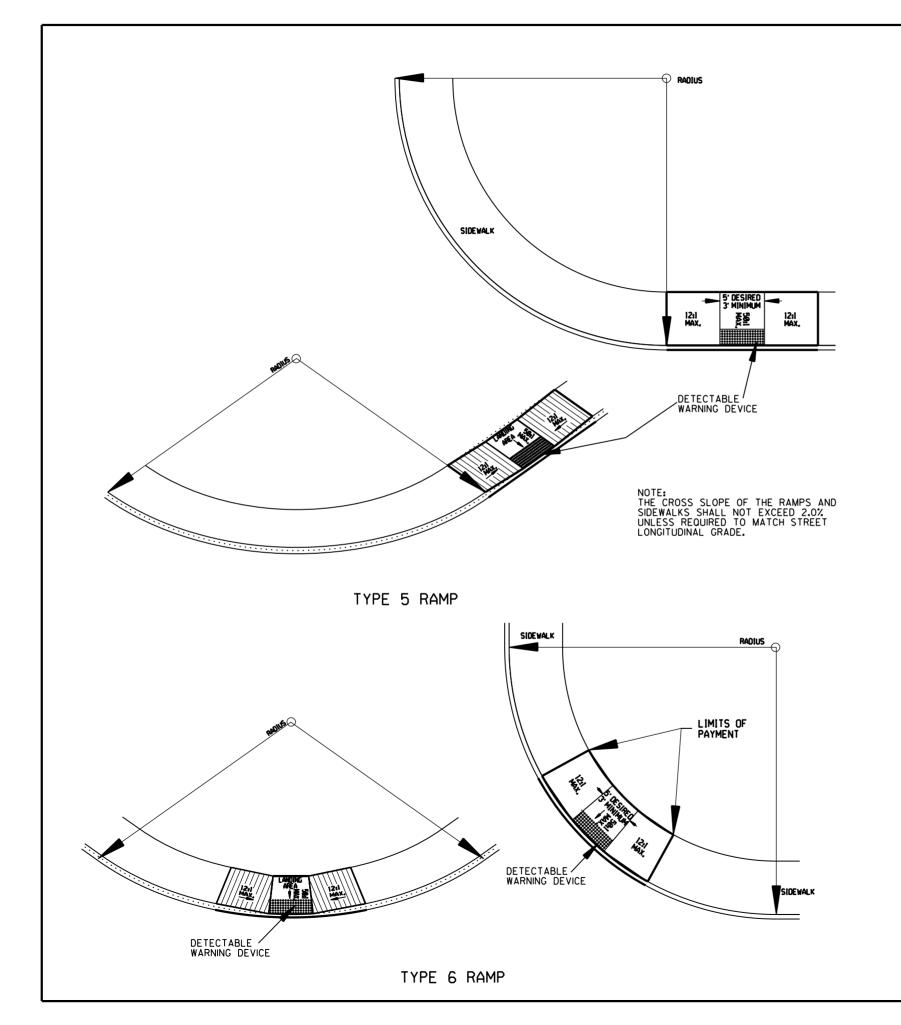
THE CONTRACTOR SHALL INSPECT ALL DIKES AFTER EACH RAINFALL EVENT OF AT LEAST 0.5" OR GREATER, ANY DEFICIENCIES OR DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR, ACCUMULATED SILT OR DEBRIS SHALL BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER, IF THE DIKES ARE DAMAGED OR INADVERTENTLY MOVED DURING THE SILT REMOVAL PROCESS, THE CONTRACTOR SHALL IMMEDIATELY REPLACE AFTER DAMAGE OCCURS.

3. ACCEPTED TRIANGULAR SILT DIKE, MEASURED AS PROVIDED ABOVE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE BID FOR TRIANGULAR SILT DIKE, PRICE BID WILL INCLUDE THE COST OF FURNISHING THE DIKES, INSTALLING, MAINTAINING AND REMOVAL WHEN DIRECTED BY THE ENGINEER.



NOTE: SILT DIKE SHOULD ONLY BE USED FOR DROP INLETS IN SUMP LOCATIONS.

			ARKANSAS STATE HIGHWAY COMMISSION
			TEMPORARY EROSION
			CONTROL DEVICES
7-26-I2 I2-I5-II DATE	REVISED GENERAL NOTE 2. ISSUED REVISION	FILMED	STANDARD DRAWING TEC-4



GENERAL NOTES FOR DETECTABLE WARNING DEVICES

CENERAL NOTES FOR DETECTABLE WARNING DEVICES

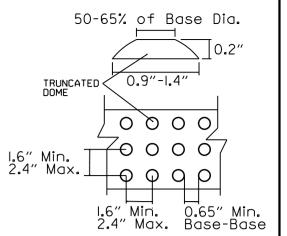
THE DETECTABLE WARNING DEVICE SHALL BE LOCATED SO THAT THE NEAREST EDGE OF THE DEVICE IS 6 TO 8 INCHES FROM THE FACE OF THE CURB.

TRUNCATED DOMES IN THE DETECTABLE WARNING SURFACE SHALL MEET THE REQUIREMENTS OF THE GEOMETRIC CONFIGURATION SHOWN.

DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.

DETECTABLE WARNING DEVICE SHALL BE 24 INCHES IN THE DIRECTION OF TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE.

DETECTABLE WARNING DEVICE SHALL BE ON THE ARDOT OUALIFIED PRODUCTS LIST FOR CAST-IN-PLACE TACTILE PANELS (ADA DETECTABLE WARNING).



DETECTABLE WARNING DEVICE DETAIL

GENERAL NOTES:

- IN ALTERATIONS WHEELCHAIR RAMPS ARE TO BE PROVIDED AT CURBED STREET INTER-SECTIONS WITH PEDESTRIAN TRAFFIC AND MID-BLOCK CROSSWALK LOCATIONS.
- THE LENGTH OF THE RAMP SHALL BE SUCH THAT THE SLOPE DOES NOT EXCEED 12:1. THE SURFACE TEXTURE OF THE RAMP SHALL CONFORM TO A CLASS 6 FINISH ACCORDING TO SECTION 802.19.
- THE NORMAL GUTTER GRADE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP.
- OF THE RAMP.

 ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION.

 THE MINIMUM THICKNESS OF THE RAMP, WALK, & LANDING SHALL BE 4°. HIGHWAY MIDTH OF THE RAMPS SHALL BE THE EXISTING WALK WIDTH OR 36°, WHICHEVER IS GREATER.

 MINOR MODIFICATIONS OF THESE DETAILS, AS APPPROVED BY THE ENGINEER, MAY BE MADE TO ADJUST TO LOCAL CONDITIONS.

RAMP SELECTION CRITERIA

	TYPE 1	CORNER LOCATIONS WITH THE WALK ADJACENT TO THE CURB (BOTH NEW CONSTRUCTION AND ALTERATIONS).
FIRST	TYPE 2	CORNER LOCATIONS WITH THE WALK OFFSET FROM THE CURB A DISTANCE INSUFFICIENT TO ALLOW THE REQUIRED RAMP SLOPE (BOTH NEW CONSTRUCTION AND ALTERATIONS).
CHOICE	TYPE 3	CORNER LOCATIONS WITH THE WALK OFFSET FROM THE CURB A DISTANCE SUFFICIENT TO ALLOW THE REQUIRED RAMP SLOPE (BOTH NEW CONSTRUCTION AND ALTERATIONS).
	TYPE 4	TANGENT LOCATIONS (BOTH NEW CONSTRUCTION AND ALTERATIONS).
SECOND CHOICE	TYPE 5	TANGENT LOCATIONS (ALTERATIONS ONLY).
THIRD CHOICE	TYPE 6	CORNER LOCATIONS (ALTERATIONS ONLY). THIS RAMP MAY BE USED ONLY IF THE TYPE 5 RAMPS CANNOT BE PLACED AT THE ENDS OF THE RADIUS.
FOURTH CHOICE		IF SITE CONSTRAINTS PREVENT THE CONSTRUCTION OF ANY OF THE TYPES LISTED, THEN AND ONLY THEN CAN THE 12:1 MAX. SLOPE ON THE RAMP BE EXCEEDED TO PROVIDE ACCESS TO THE STREET LEVEL (ALTERATIONS ONLY). THE SLOPE CAN BE STEEPENED TO A 10:1 MAX. FOR A MAX. LENGTH OF 5' OR A 8:1 MAX. FOR A MAX. LENGTH OF 2'. SLOPES STEEPER THAN 8:1 ARE NOT ALLOWED UNDER ANY CIRCUMSTANCES.

NOTE: IN ALTERATIONS, THE SELECTION OF THE TYPE OF WHEELCHAIR RAMP TO BE CONSTRUCTED SHALL BE BASED ON THE AMOUNT OF RIGHT-OF-WAY AVAILABLE, AND ON THE PRESENCE OF OTHER SITE CONSTRAINTS (UTILITIES, BUILDINGS, ETC.).

THE TABLE ABOVE LISTS THE ORDER IN WHICH THE RAMPS ARE TO BE CONSIDERED.

AN ALTERATION IS DEFINED AS A PROJECT THAT CHANGES OR AFFECTS THE USE OF A PEDESTRIAN PATHWAY (OVERLAYS, SIGNALIZATION PROJECTS, ETC.) BUT DOES NOT REQUIRE THE PURCHASE OF ADDITIONAL RIGHT-OF-WAY. ALL PROJECTS THAT REQUIRE THE PURCHASE OF ADDITIONAL RIGHT-OF-WAY WILL USUALLY BE CONSIDERED NEW CONSTRUCTION FOR THE PURPOSES OF THE CHART ABOVE.

			ARKANSAS STATE HIGHWAY COMMISSION
10-9-03	REVISED GENERAL NOTES & ADDED NOTE.		WHEELCHAIR RAMPS
4-10-03	REVISED DETECTABLE WARNING DEVICE DETAIL		ALTERATIONS ONLY
8-22-02	ADDED DETECTABLE WARNING DEVICES DETAILS		
11-18-98	REV. FOURTH CHOICE NOTE		
8-12-98	REVISED TEXTURE		STANDARD DRAWING WR-2
7-02-98	ISSUED		5
DATE	PEVISION	DATE FILM	

RE-ZONING PETITION

The property located at 1109-A North Reynolds Road in Bryant is being considered for rezoning from R-E to C-2. The property is more particularly described as follows:

PART OF THE NORTH HALF OF THE SOUTHWEST QUARTER (N1/2 SW1/4) OF SECTION 27, TOWNSHIP 1 SOUTH, RANGE 14 WEST, SALINE COUNTY, ARKANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS: **BEGINNING** AT A COMPUTED POINT IN THE CENTERLINE OF HIGHWAY #183 (NORTH REYNOLDS ROAD), WHICH IS 480 WEST AND 225 FEET SOUTH OF THE NORTHEAST CORNER OF THE SAID N1/2 SW1/4; THENCE S14°37'49"E - 207.85 FEET ALONG SAID CENTERLINE OF HIGHWAY #183 TO A COMPUTED POINT; THENCE LEAVING SAID CENTERLINE OF HIGHWAY #183, N88°10'53"W - 399.64 FEET TO A FOUND 5/8" REBAR; THENCE N1°41'58"E - 198.93 FEET TO A FOUND BENT 1/2" REBAR; THENCE S88°15'00"E - 341.20 FEET TO THE **POINT OF BEGINNING**, CONTAINING 1.69 ACRES, MORE OR LESS. SUBJECT TO A RIGHT OF WAY FOR (HIGHWAY #183) REYNOLDS ROAD AND UTILITY EASEMENT ALONG EAST LINE. ALSO SUBJECT TO A 10 FOOT EASEMENT FOR A DRIVEWAY.

A petition has been filed with the City of Bryant Planning Commission to re-zone the property. As part of this process a public hearing will be held April 10th, 2023 at 6:00 p.m. in the Bryant City Office Complex, 210 Southwest 3rd Street, Bryant, Arkansas 72022.

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

Should you have any questions regarding this matter you may contact the City of Bryant at 501-943-0301 and ask for Truett Smith or by contacting me at the information listed below.

Vernon Williams, P.E. GarNat Engineering, LLC 501-408-4650 garnatengineering@gmail.com



3825 Mt Carmel Rd. Bryant, AR 72022

GarNat Engineering, LLC

P.O. Box 116 Benton, AR 72018

March 8, 2023

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

Re: Rezone Application – 1109-A North Reynolds Road Parcel Number 840-14297-000

Dear Mr. Smith:

Please allow this letter and following list of enclosures to serve as my application for rezone of the referenced property located at 1109-A North Reynolds Road. We are seeking a rezone from R-E to C-2 to build chiropractic center on the property. It is my desire that this matter be included on the agenda for your April 2023 City of Bryant Planning Commission Meeting.

List of Enclosures

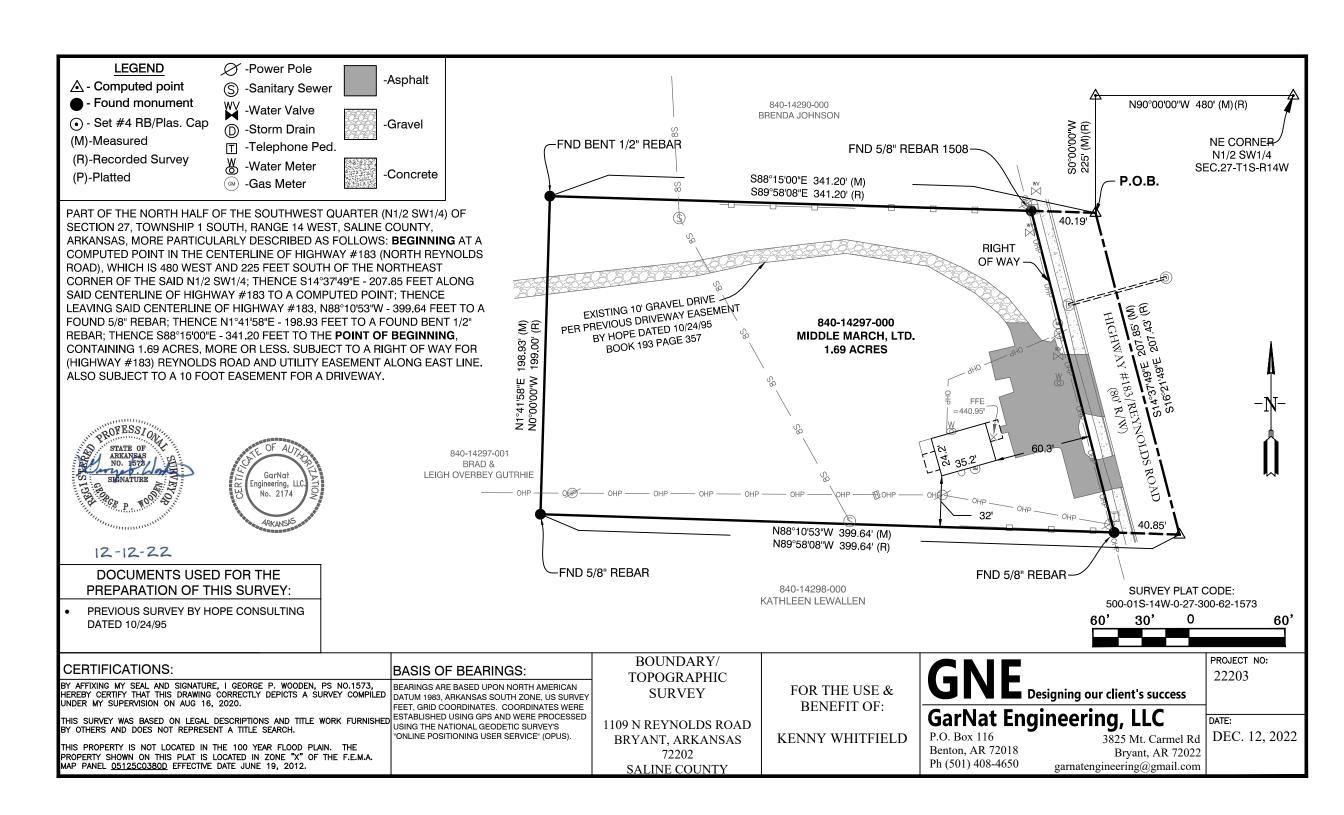
- Affidavit
- Rezone Application
- Rezone Public Notice
- Property Survey

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

Sincerely,

GarNat Engineering, LLC

Vernon J. Williams, P.E., President



AFFIDAVIT

I, <u>Michael Butler</u>, <u>Butler Wealth Capital</u>, <u>LLC</u> certify by my signature below that I hereby authorize <u>Vernon Williams of GarNat Engineering</u>, <u>LLC</u> to act as Butler Wealth Capital, LLC's agent regarding the <u>Planning Commission Approval of the proposed development at 1109 N Reynolds Road</u>.

Michael Butler

Butler Wealth Capital, LLC

03 07 2023

Date

Subscribed and sworn to me a Notary Public on this

TH

MAR

2023

Notary Public

My Commission Expires:

02-05-2031

GEORGE P. WOODEN Notary Public-Arkansas Saline County My Commission Expires 02-05-2031 Commission # 12714343



Community Development 210 SW 3rd Street Bryant, AR 72022

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: 03 08 2023
Applicant or Designee: Property Owner (If different from Applicant):
Name VERNON WILLIAMS Name Butler Wealth Capital, LLC Address BENTON, AR 72018 Address 6 Creekwood Court, Little Rock, AR 72223
Address BENTON, AR 72018 Address 6 Creekwood Court, Little Rock, AR 72223
Phone (501) 408-4650 Phone 870-703-3807
Email Address 92004 tengineering Email Address
Property Information:
Address 1109-A NORTH REYNOLDS ROAD
Parcel Number 840 - 14297 - 000
Existing Zoning Classification F-E
Requested Zoning Classification
Legal Description (If Acreage or Metes and Bounds description, please attach in a legible typed format)
SEE 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 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 ÇAREFULLY BEFORE SIGNING , do hereby certify that all information contained within this application is true and correct. If 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.



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 www.cityofbryant.com under the Planning and Community Development tab.

3/6/2023 Date:	
Applicant or Designee:	Project Location:
NameJonathan Hope	Property Address 25300 I-30 NORTH
Address 129 N Main Street Benton, AR	Bryant, Arkansas
Phone 501-315-2626	Parcel Number 840-11640-124 and 840-11640-239
Email Address: jonathan@hopeconsulting.com	Zoning ClassificationC-2
Property Owner (If different from Applica	int):
Name FIRST SOUTHERN BAPTIST CHURC	H OF BRYANT
Phone(501) 847-3014	_
Address 604 S Reynolds Rd, Bryant, AR 7202	22
Email Address	
Additional Information:	
Legal Description (Attach description if neces	sary)
See attached Survey Exhibit	
Description of Conditional Use Request (Atta Proposed Self-Storage Facility in a C-2	ch any necessary drawings or images) Zoning District. Storage in this zoning district is allowed with a
conditional use permit.	
	ttached Site Plan of Proposed Self-Storage Facility





February 28, 2023

Colton Leonard City of Bryant 210 Southwest Third St. Bryant, AR 72022

RE: Conditional Use Permit for Self-Storage in C-2 (Parcels 840-11640-124 & 840-11640-239)

Dear Mr. Leonard,

On behalf of our client, Hope Consulting is formally requesting the City of Bryant Staff and Planning Commission begin the review and approval process for the Conditional Use Permit for this property. A detailed drawing of the boundary of this property is shown on Exhibit "A".

The property adjoined to the east is zoned C-3 which storage is allowed by right. The property adjoined to the south is C-3 which storage is allowed by right. The property adjoined to the north is C-3 and R-1. The property adjoined to the west is zoned R-E and C-3. On sides adjacent to residential our proposed use would have a substantial building setback. An arial photo and site plan have been submitted with this application which we believe shows this "use" is appropriate for this property. The applicant understands all outdoor lighting must be shielded from neighboring properties, and any lighting must be indirect and not cause disturbance to neighbors. An arial photo of the parcel and site have been submitted with this application which we believe shows this "use" is appropriate for this location.

Please feel free to contact me with any questions or concerns or if I can be of any further assistance.

Sincerely,

Jonathan Hope



EXHIBIT "A"



129 N MAIN ST. BENTON, ARKANSAS 72015 501-315-2626 WWW.HOPECONSULTING.COM



Arkansas Department of Health

4815 West Markham Street ● Little Rock, Arkansas 72205-3867 ● Telephone (501) 661-2000 Governor Asa Hutchinson José R. Romero, MD, Secretary of Health

Engineering Section, Slot 37 www.healthy.arkansas.gov/eng

Ph (501) 661-2623 Fax (501) 661-2032 After Hours Emergency (501) 661-2136

May 13, 2022

Hope Consulting Engineers Surveyors Mr. William McFadden P.E. 117 S. Market St. Benton, AR 72015

RE:

SUBDIVISION SEWER IMPROVEMENTS AND NEW FIRE HYDRANT ENGINEERING PLAN APPROVAL

Jacob's Corner Subdivision (Lots 1-9, 11, 12) Sewer Improvements and New FH (existing waterline)

Rudolph Road, Bryant, Saline County

Hope Job Number: 20-0722 ADH Reference No. 119196

Mr. McFadden,

The submittal for the project referenced above, received at the ADH Engineering Section on April 26, 2022, has been reviewed and is hereby approved with the following conditions:

- 1. The Engineering Section relied upon the statements and representations made in the plans and specifications. In case any statement or representation in the aforementioned documents is found to be incorrect, this Approval may be revoked.
- 2. There shall be no deviation from the plans and specifications unless revised plans and specifications have been first submitted for review and written consent given.
- 3. The review and approval of the drawings and specifications were for functional and sanitary features and in no way constitute an analysis of the structural or plumbing design.
- 4. If construction on this project is not started within one year of the date affixed hereto, this Letter of Approval is void.
- 5. Construction inspection for this project shall be the responsibility of Hope Consulting Engineers Surveyors.
- Materials and construction shall be in accordance with the standard specifications and details of the Salem Water Users and Bryant Utilities.
- All materials and components installed after January 3, 2014 in drinking water systems are required to comply with the federal definition of "lead free" contained in Public Law 111-380.

One set of approved plans is being returned with this Approval letter and one set if being retained for our files. When submitting correspondence pertaining to this project, please include **ADH reference #119196**.

Sincerely,

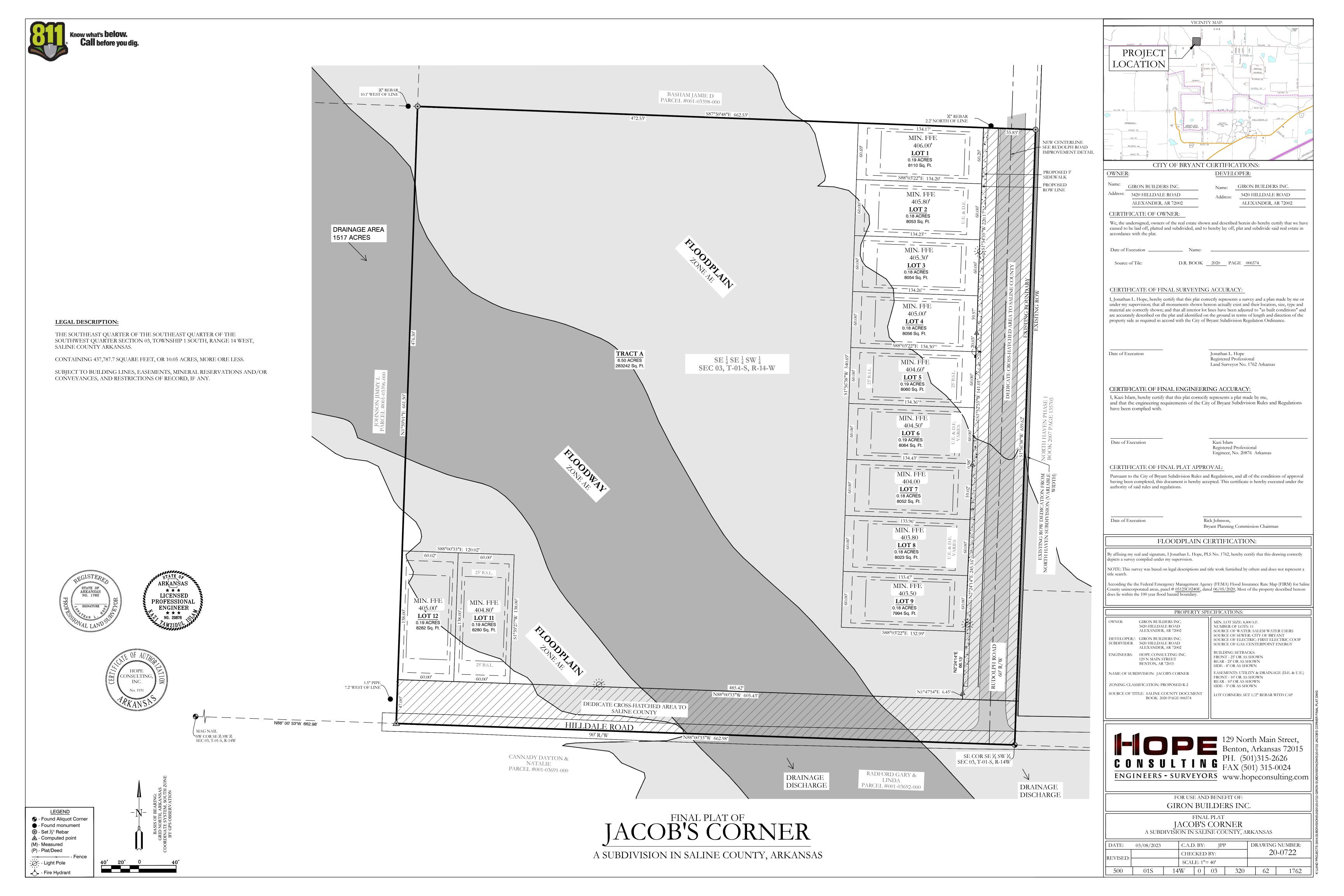
Stephen M. Youngblood, P.E Engineer Supervisor

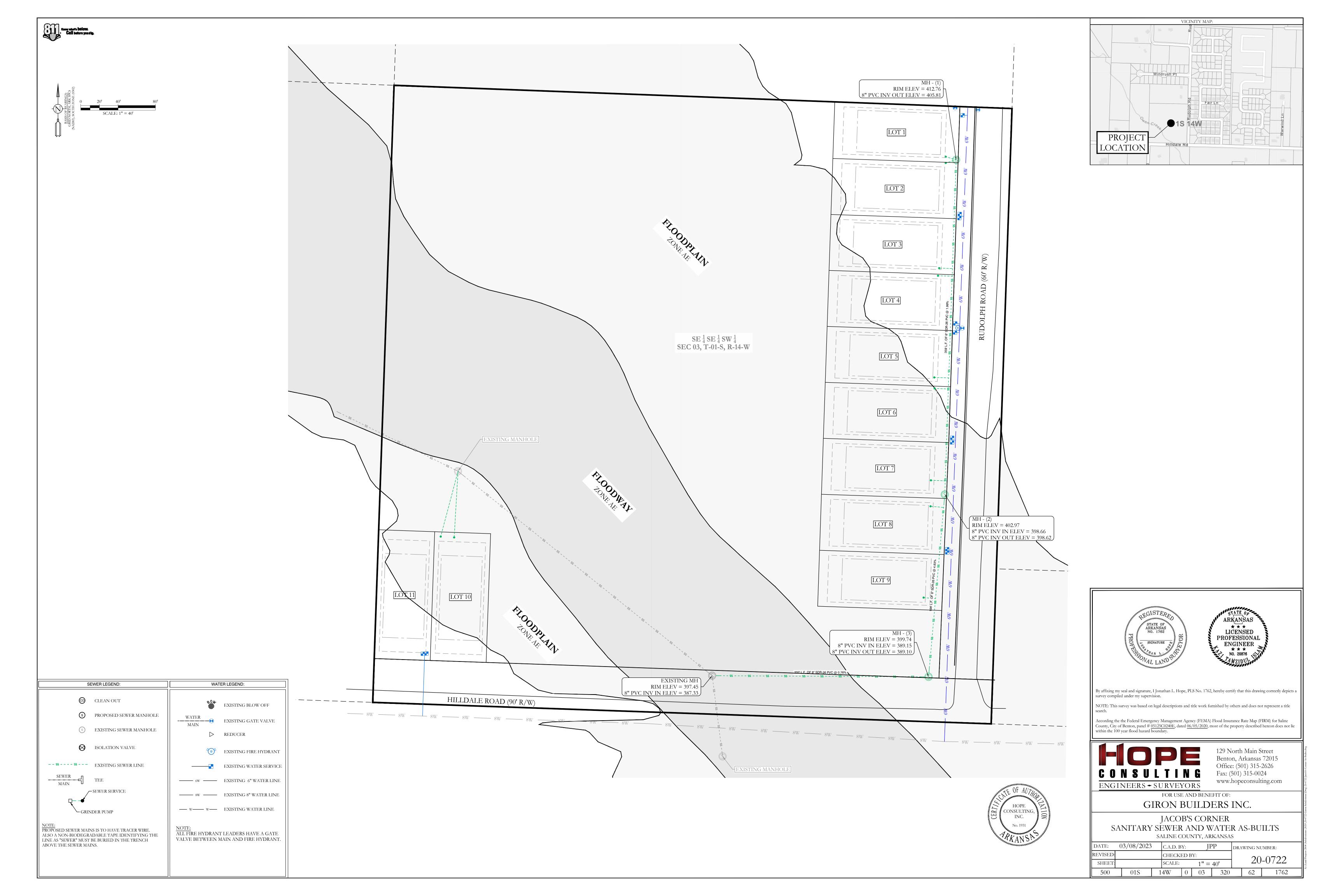
ADH Engineering Section

SMY: SMR: smr

CC:

Salem Water Users (PWS 492) - Water Bryant Utilities (PWS 486) - Sewer







March 6, 2023

Colton Leonard City of Bryant 210 Southwest Third St., Bryant, AR 72022

RE: Jacob's Corner (Hope Job #20-0722)

Dear Mr. Truett Smith,

Hope Consulting is formally requesting the City of Bryant Development Review Committee begin the technical review and approval process for the Final Plat of Jacob's Corner.

Please feel free to contact me with any questions or concerns or if I can be of any further assistance.

Sincerely,

Jonathan Hope



Arkansas Department of Health

4815 West Markham Street • Little Rock, Arkansas 72205-3867 • Telephone (501) 661-2000 Governor Asa Hutchinson José R. Romero MD, Secretary of Health

Engineering Section, Slot 37 Ph (501) 661-2623 Fax (501) 661-2032 www.healthy.arkansas.gov/eng After Hours Emergency (501) 661-2136

September 14, 2020

William McFadden PE Hope Consulting 117 South Market Street Benton, Arkansas 72015

RE: WATER AND SEWER EXTENSION

Sam's Hill Subdivision (Lots 1- 128) | Project #20-0169 Salem Water Users (PWS 492), Bryant, Saline County

Reference: ADH Project No. 62280

ADH Project No. 112190

Dear Mr. McFadden:

The plans for the above-captioned project dated 8-28-19, and submitted to the Engineering Section on 9-4-20, have been reviewed and are hereby approved with the following conditions:

- 1. The Engineering Section relied upon the statements and representations made in the engineer's report, plans and specifications. In case any statement or representation in the aforementioned documents is found to be incorrect, this Approval may be revoked.
- 2. There shall be no deviation from the plans and specifications unless revised plans and specifications have been first submitted for review and written consent given.
- 3. The review and approval of the plans and specifications were for functional and sanitary features and in no way constitute an analysis of the structural design.
- 4. If construction on this project is not started within one year of the date affixed hereto, this Letter of Approval is void.
- 5. Construction shall be performed according to the Salem Water Users and Bryant Sewer standard specifications and details.
- 6. Construction inspection for this project shall be the responsibility of William McFadden PE (Hope Consulting).
- 7. All materials and components installed after January 3, 2014 in drinking water systems are required to comply with the federal definition of "lead free" contained in Public Law 111-380.

One set of the plans is being retained for our files and a copy is being returned to you. When submitting correspondence pertaining to this project, please include our reference number 112190.

Sincerely,

Stephen M. Youngblood, P.E.

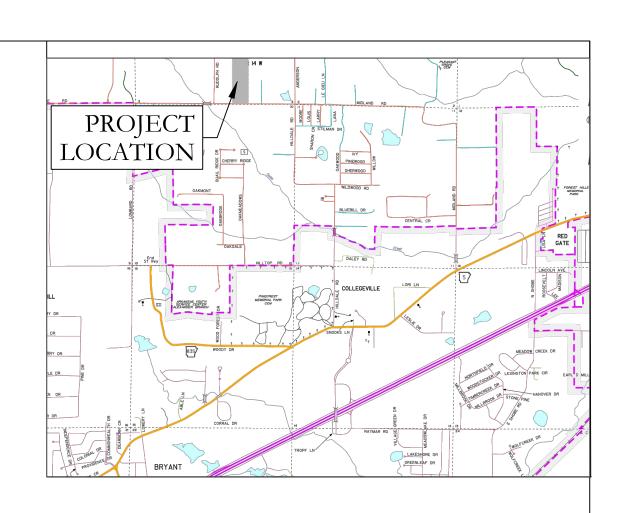
Engineer Supervisor Engineering Section

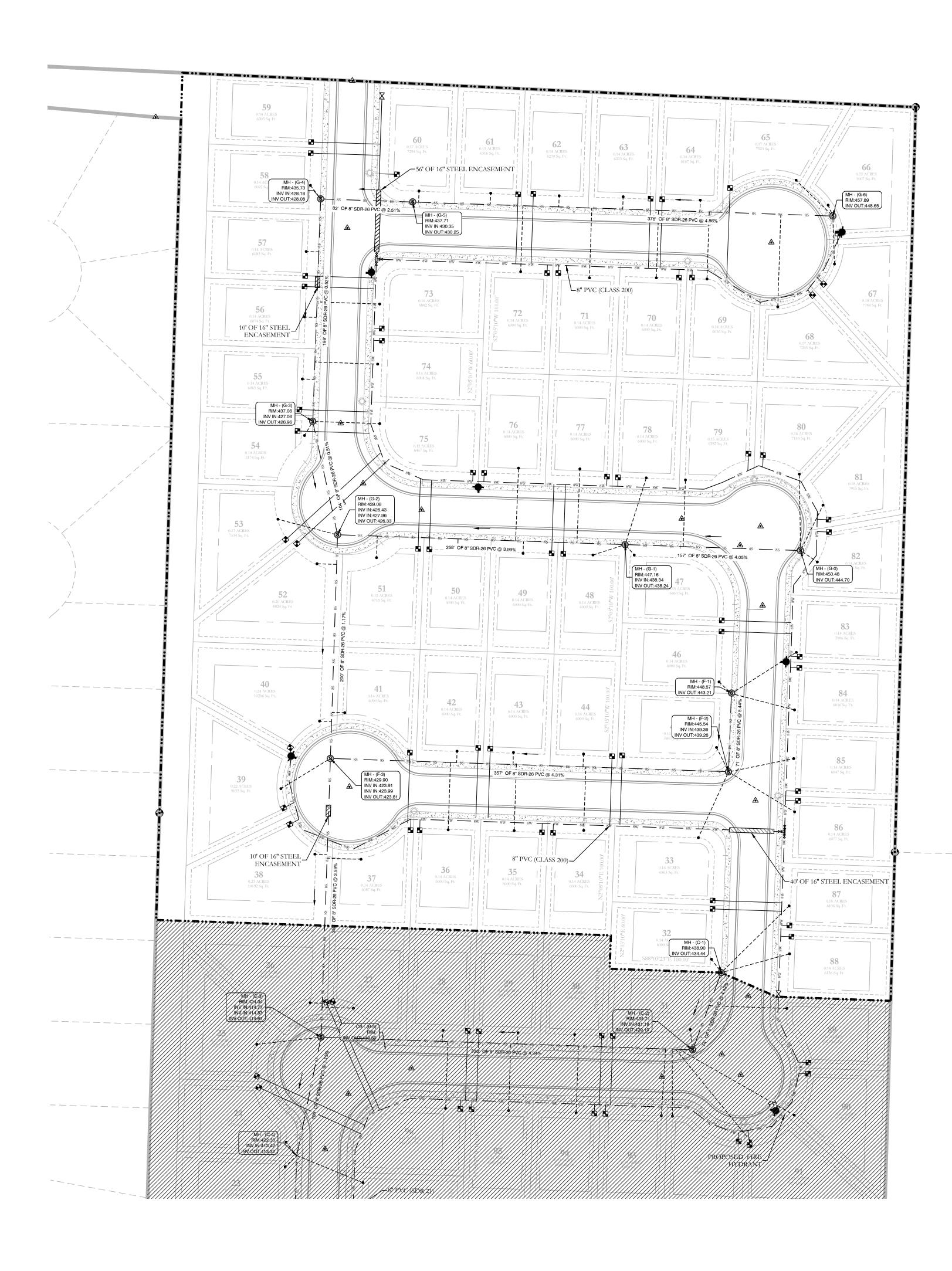
SMY: SGB: sgb

cc: Salem Water Association (PWS 492)

Bryant Wastewater (PSS S78)

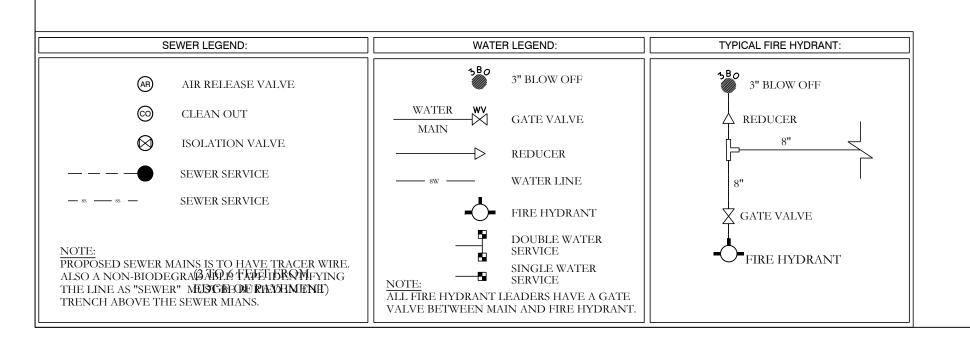




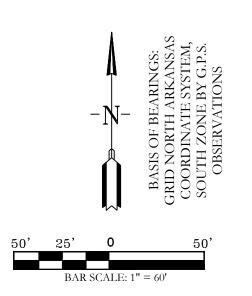


SANITARY SEWER AND WATER AS-BUILTS HILLDALE CROSSING PHASE 2

A SUBDIVISION IN SALINE COUNTY, ARKANSAS









FOR USE AND BENEFIT OF:
HAVENS DEVELOPMENT, LLC

WATER & SEWER AS-BUILTS PLAN
HILLDALE CROSSING PHASE 2
A SUBDIVISION IN SALINE COUNTY, ARKANSAS

ı										
	DATE:	12/20/2021	C.A.D. BY: B.JOHNSON					DRAWING NUMBER:		
	REVISED:	CHECKED BY:					20)-0169		
K	KEVISED:			SCAL	E: 1"	=50'				
	500	018	1/	1 \ \\	\cap	03	330		62	1762



March 6, 2022

Truett Smith City of Bryant 210 Southwest Third St., Bryant, AR 72022

RE: Request for Residential Subdivision Plat and CD Approval Parcel #: 840-11625-125

Dear Mr. Truett Smith,

I represent NXT Gen Homes LLC, in the above-captioned matter. This 54 acre piece of property is located inside the City of Bryant. This property has access to Bryant water and sewer. This development will be for single family residential homes and remain in the R-2 Zoning District.

Hilltop Manor will create a mixture of lot and home sizes in a unique neighborhood. TOur clients neighborhoods have been extremely successful in West Little Rock. They are excited to bring their unique home and neighborhood culture to Bryant.

It is our goal to be included on the April 10th, 2023 Planning Commission agenda.

Please feel free to contact me with any questions or concerns or if I can be of any further assistance.

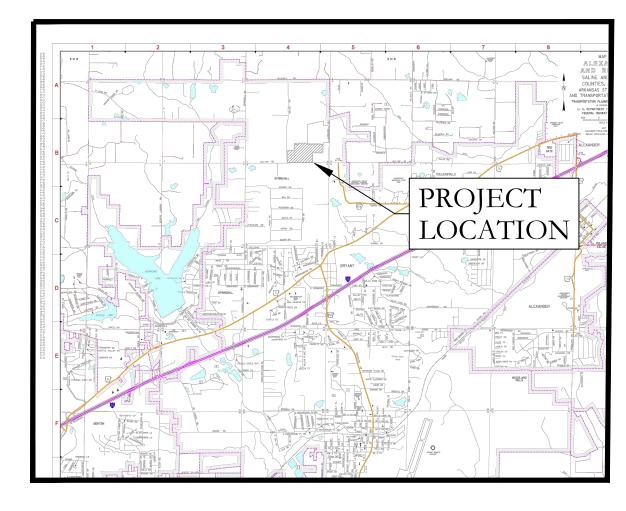
Sincerely,

Jonathan Hope

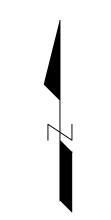
Hope Consulting, Inc.

CONSTRUCTION PLANS HILLTOP LANDING

HILLTOP ROAD & MILLER ROAD, BRYANT, AR



VICINITY MAP



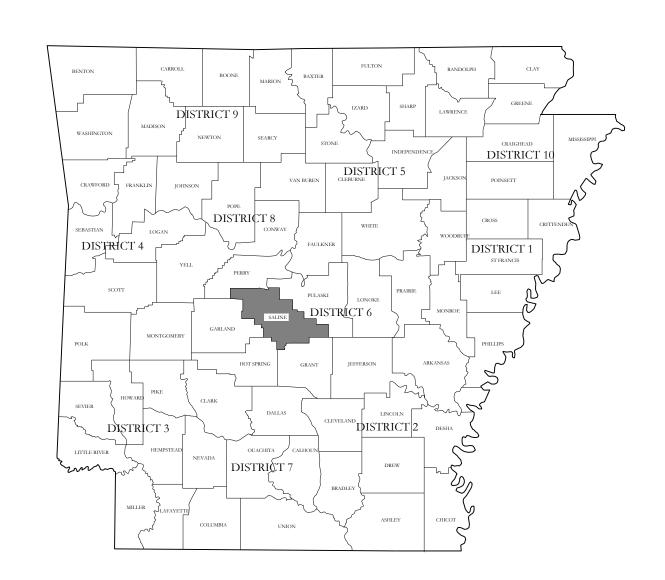
PREPARED BY:



129 N. Main Street, www.hopeconsulting.com

DRAWING INDEX

SHEET NO.	TITLE
	PLAT
C-1.0	STREET PLAN & PROFILE
C-1.1	STREET PLAN & PROFILE
C-1.2	STREET PLAN & PROFILE
C-2.0	UTILITY PLAN
C-2.1	SEWER PLAN & PROFILE
C-2.2	SEWER PLAN & PROFILE
C-2.3	SEWER PLAN & PROFILE
C-3.1	STORM PLAN & PROFILE
C-3.2	STORM PLAN & PROFILE
C-3.3	STORM PLAN & PROFILE
C-3.4	STORM PLAN & PROFILE
C-4.0	TRENCH AND SPECIAL DETAILS
C-5.0	CIVIL SPECIFICATIONS
C-6.0	DETENTION
C-6.1	DETENTION
C-7.0	EROSION CONTROL PLAN



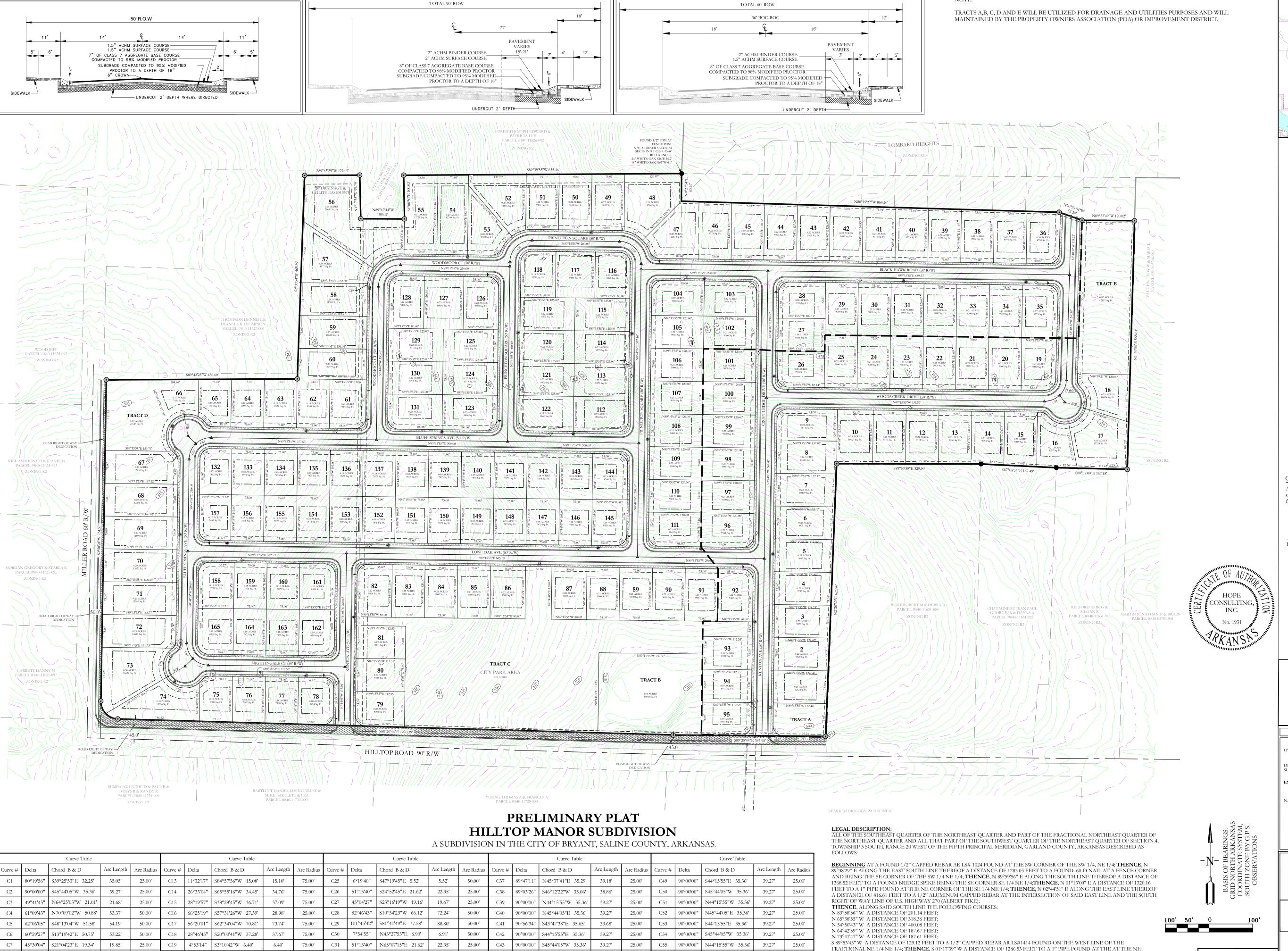


FOR USE AND BENEFIT OF: NXT GEN HOMES LLC.

HILLTOP LANDING A SUBDIVISION IN THE CITY OF BRYANT, AR HILLTOP ROAD & MILLER ROAD, BRYANT, AR

02/16/2023 C.A.D. BY: DRAWING NUMBER: REVISED: CHECKED BY: 20-1341

 500
 01S
 14W
 0
 9
 200
 62
 1762



39.27' 25.00'

39.27'

39.27'

25.00'

25.00'

25.00'

90°00'00" N45°44'05"E 35.36'

C44 90°00'00" N44°15'55"W 35.36'

90°00'00" | S44°15'55"E 35.36

N44°15'55"W 35.36'

HILLTOP ROAD HALF STREET IMPROVEMENT TYPICAL STREET CROSS SECTION

CITY OF BRYANT TYPICAL STREET CROSS SECTION

C8 89°03'26" S46°12'22"W 35.06'

C9 | 68°14'54" | N55°08'28"W 28.05'

29.78'

C20 90°00'00" S45°44'05"W 35.36'

C23 | 83°11'10" | \$76°05'58"W 66.38'

C24 | 78°40'18" | S4°49'46"E 63.39'

C21 51°13'40" N63°39'05"W 21.62'

24°16'12" N50°10'21"W 21.02'

S44°15'55"E 35.36'

S46°11'39"W 35.64'

S45°44'05"W 35.36'

25.00'

25.00'

25.00'

22.35'

C32 90°00'00"

MILLER ROAD HALF STREET IMPROVEMENT TYPICAL STREET CROSS SECTION

PROJECT LOCATION

SPRINGEL

SPRINGEL

SPRINGEL

SPRINGEL

SCHOOL OF THE STREET OF THE

OWNER: DEVELOPER:

Name: NXT GEN HOMES LLC
Address: 19218 SUMMERSHADE DRIVE

Name: NXT GEN HOMES LLC

Address: 19218 SUMMERSHADE DRIVE
BRYANT, AR 72022

CERTIFICATE OF OWNER:

BRYANT, AR 72022

We, the undersigned, owners of the real estate shown and described herein do hereby certify that we have laid off, platted and subdivided, and do hereby lay off, plat and subdivide said real estate in accordance with the within plat.

Date of Execution _____ Name:

Source of Tile: 2021-009870

CERTIFICATE OF PRELIMINARY SURVEYING ACCURACY:

I, Jonathan L. Hope, hereby certify that this proposed preliminary plat correctly represents a survey completed by me, or under my supervision on ________, 2023; that the boundary lines shown hereon correspond with the description in the deeds cited in the above Source Title; and that all monuments which were found or placed on the property are correctly described and located.

Date of Execution

Jonathan L. Hope Registered Professional Land Surveyor No. 1762

Arkansas

CERTIFICATE OF PRELIMINARY ENGINEERING ACCURACY

I, Kazi Tamzidual Islam, hereby certify that this plat correctly represents a survey and a plan made by me or under my supervision; that all monuments shown hereon actually exist and their location, size, type and material are correctly shown; and that all requirements of the City of Bryant Subdivision Rules and Regulations have been fully complied with.

Date of Execution

Kazi Tamzidual Islam Registered Professional Engineer, No. 20876 Arkansas

CERTIFICATE OF PRELIMINARY PLAT 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, approval of this plat is hereby granted, subject of further provisions of said Rules and Regulations.

Date of Execution

ed:_____ Rick Johnson, Chairman

Rick Johnson, Chairman Bryant Planning Commission

PROSTERED STATE OF ARKANSAS NO. 1762

SIGNATURE SIGNATUR

ARKANSAS

LICENSED
PROFESSIONAL
ENGINEER

NO. 20876

By affixing my seal and signature, I Jonathan L. Hope, Arkansas PLS No, 1762, hereby certify that this drawing correctly depicts a survey compiled by me or under my direct supervision.

NOTE: This survey was based on legal descriptions and title work furnished by others and does not represent a title search.

No portion of the property described hereon lies within the 100 year floodplain, according to the Flood Insurance Rate Map, panel # 05125C0225E $_{\odot}$, Dated: 06/05/2020 $_{\odot}$.

PROPERTY SPECIFICATIONS:

NXT GEN HOMES LLC R: 19218 SUMMERSHADE DRIVE BRYANT, AR 72022

DEVELOPER/: NXT GEN HOMES LLC
SUBDIVIDER 19218 SUMMERSHADE DRIVE
BRYANT, AR 72022

ENGINEERS: HOPE CONSULTING INC.
129 N MAIN STREET
BENEROL AB 72044

- Aliquot Corner

• Set ½" Rebar

(M)- Measured

(P) - Plat/Deed

▲ - Computed point

-x - x - Fence

Found monument

CORNER OF THE SW 1/4 NE 1/4 AS SHOWN ON SURVEY BY LEWIS & CLARK SURVEYING DATED 11/03/20;, SAID POINT BEING

DON MICHAEL BRADY 4/13/2002:

64.78 FEET NORTH OF A FOUND ALUMINUM CAPPED REBAR MARKING THE TECHNICAL NE CORNER AS SHOWN ON SURVEY BY

THENCE, S 88°31'10" W A DISTANCE OF 1322.70 FEET TO A FOUND 2" PIPE AS SHOWN ON THE DON M. BRADY SURVEY DATED

WEST LINE OF THE SW 1/4 NE 1/4; **THENCE**, S 01°33'48" W ALONG THE WEST LINE THEREOF A DISTANCE OF 1298.25 FEET TO

4/13/02; **THENCE**, S 07°04'59" W ALONG A FENCE LINE A DISTANCE OF 27.99 FEET TO A 1/2" CAPPED REBAR AR LS#1414; **THENCE**. S 68°13'40" W ALONG A FENCE LINE A DISTANCE OF 34.98 FEET TO A 1/2" ALUMINUM CAPPED REBAR FOUND ON THE

THE **POINT OF BEGINNING** AND CONTAINING 113.35 ACRES (60,608.115 SQ FT) MORE OR LESS;

129 N MAIN STREET BENTON, AR 72015 NAME OF SUBDIVISION: HILLTOP MANOR NUMBER OF LOTS: 165
EXISTING ZONING: R2

PROPOSED DENSITY 3.85 HOMES PER ACRE
SOURCE OF WATER: CITY OF BRYANT
SOURCE OF SEWER: CITY OF BRYANT
SOURCE OF ELECTRIC: ENTERGY
SOURCE OF GAS: SUMMIT

BUILDING SETBACKS: FRONT-25' OR AS SHOWN REAR-25' OR AS SHOWN SIDE-8' OR AS SHOWN

OR AS SHOWN
OR AS SHOWN
Y & DRAINAGE EASEMENTS:

UTILITY & DRAINAGE EASEMENTS: FRONT-10' OR AS SHOWN REAR - 5' OR AS SHOWN SIDE - 5' OR AS SHOWN

CONSULTING
ENGINEERS + SURVEYORS

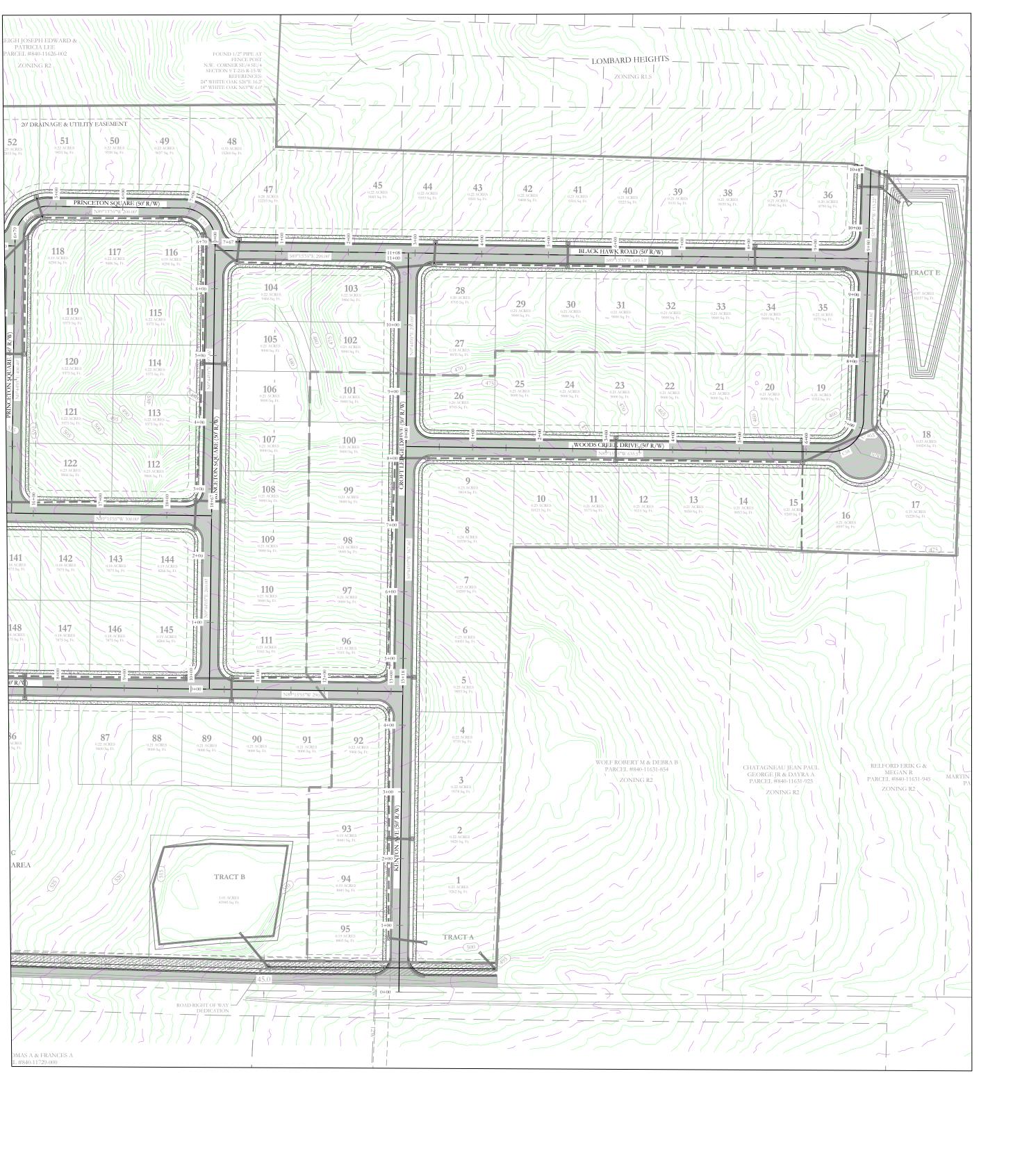
129 N. Main Street, Benton, Arkansas 72015 PH. (501)315-2626 FAX (501) 315-0024 www.hopeconsulting.com

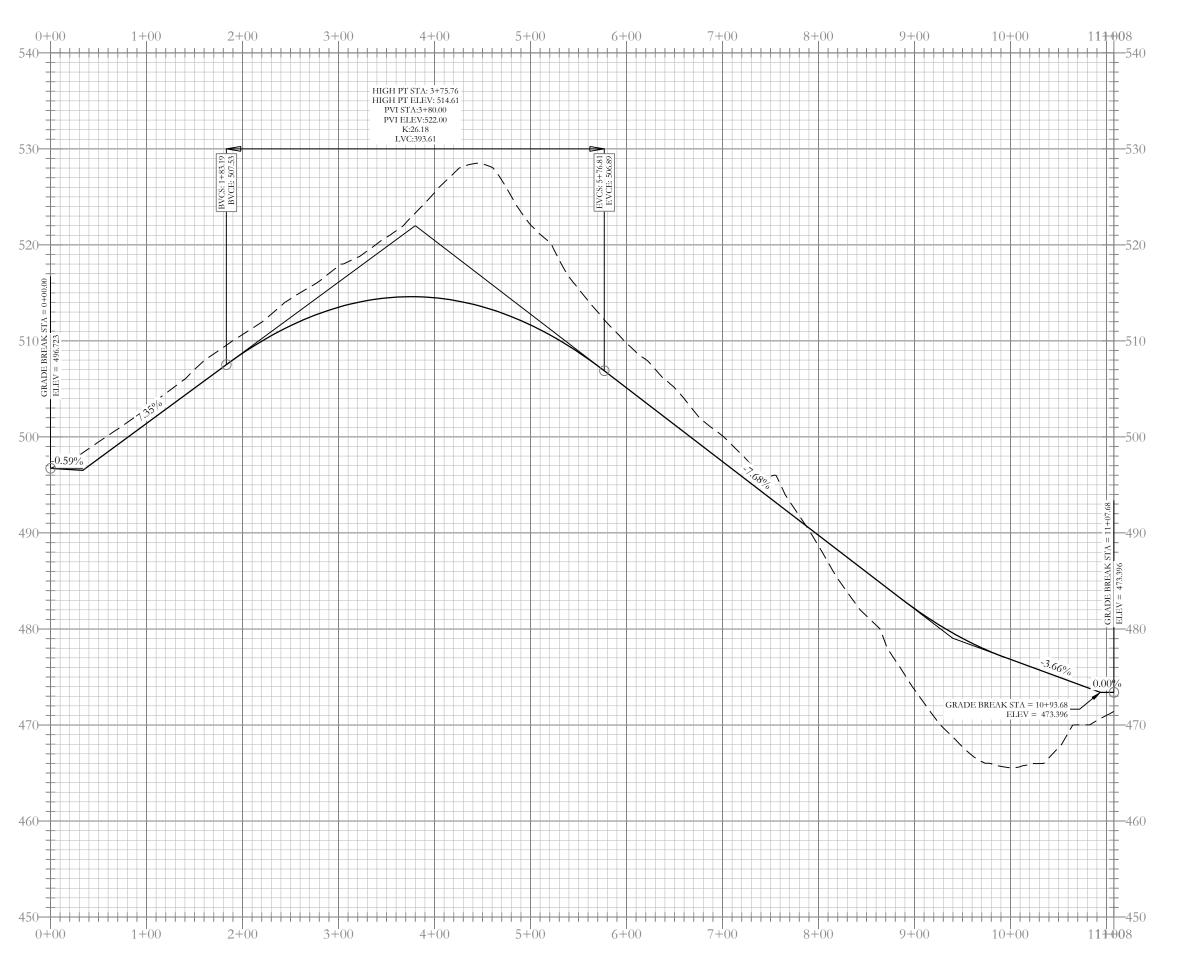
FOR USE AND BENEFIT OF:

NXT GEN HOMES LLC

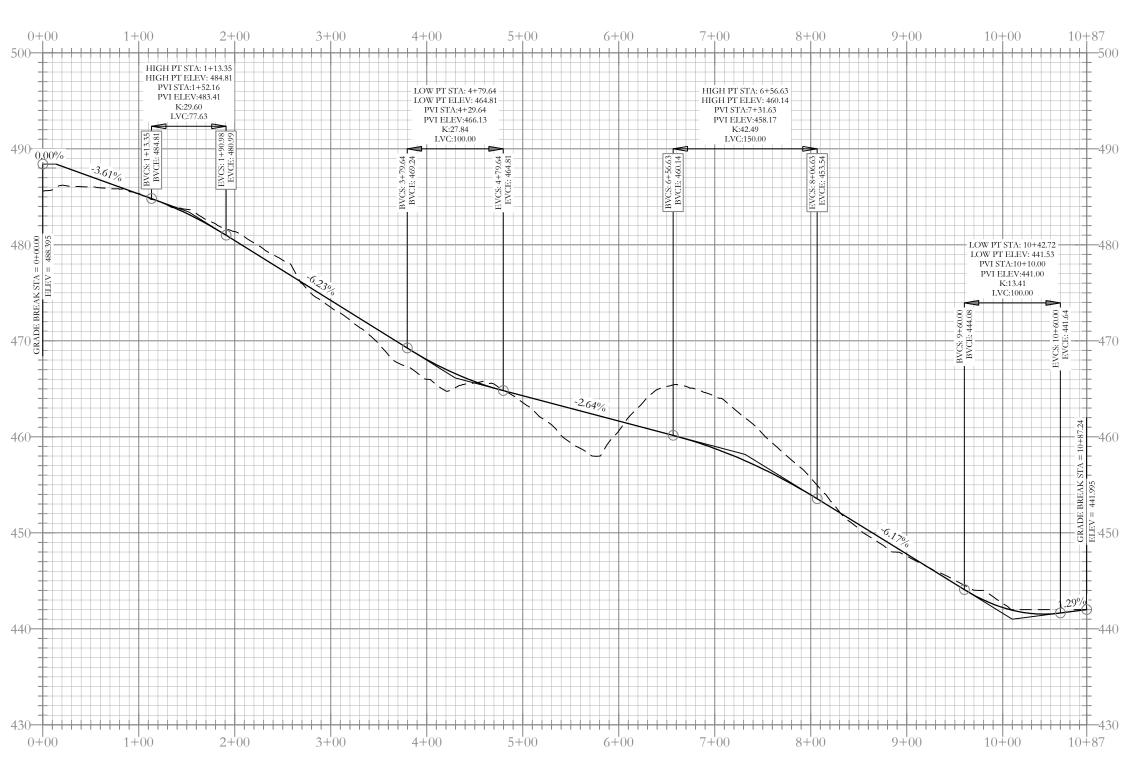
PRELIMINARY PLAT HILLTOP MANOR SUBDIVISION A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS.

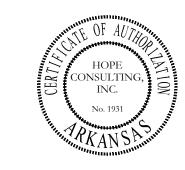
DATE:	03/08/2023		C.A.D. BY: B.JOHNSON				DRAWING NUMBER:		
REVISED:			CHECKED BY:				20-1341		
SHEET:			SCALE: 1"= 100'			20-13-1			
500	01S	1	14W	0	09	200		62	1762





Croft Ledge Drive Profile





VICINITY MAP:





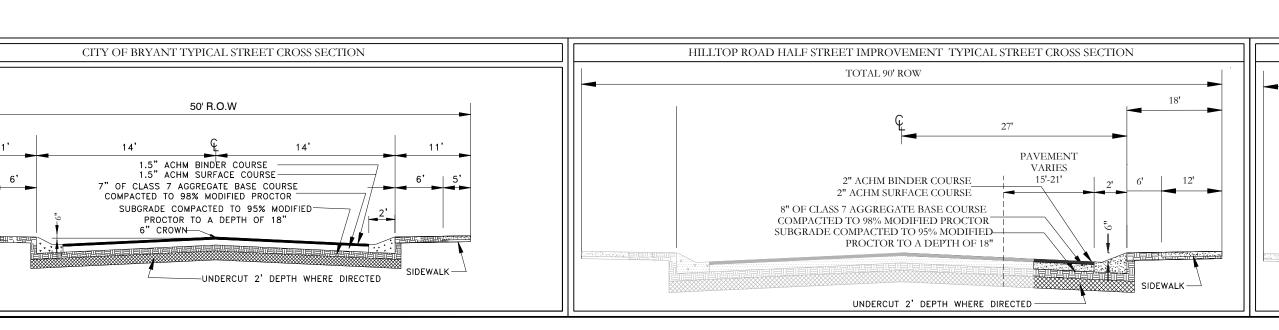
ENGINEERS - SURVEYORS www.hopeconsulting.com

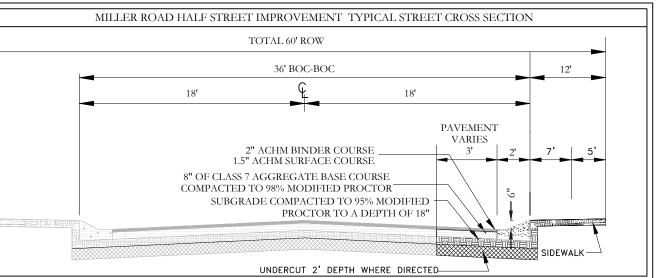
FOR USE AND BENEFIT OF: NXT GEN HOMES LLC.

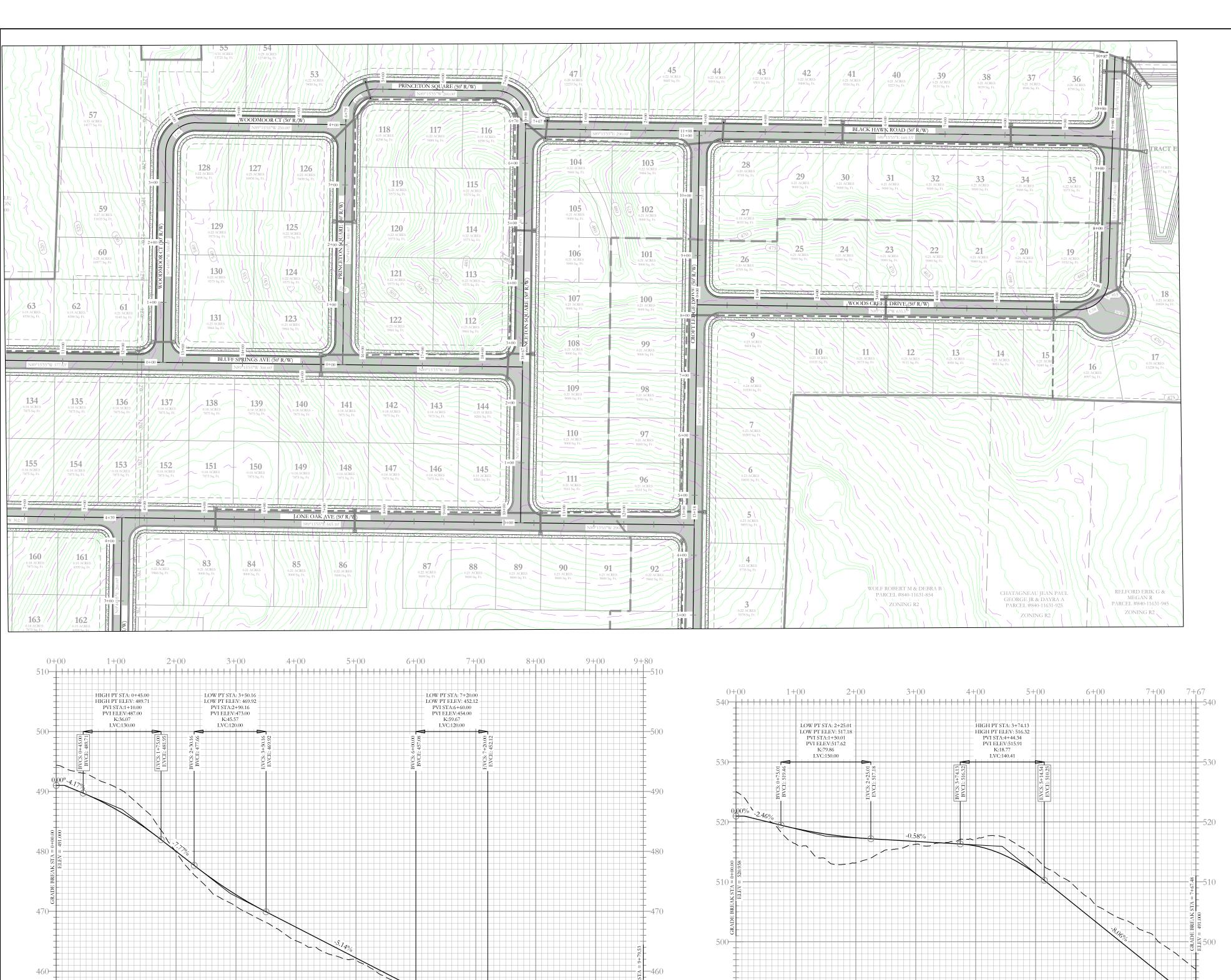
> HILLTOP LANDING STREET PLAN & PROFILE

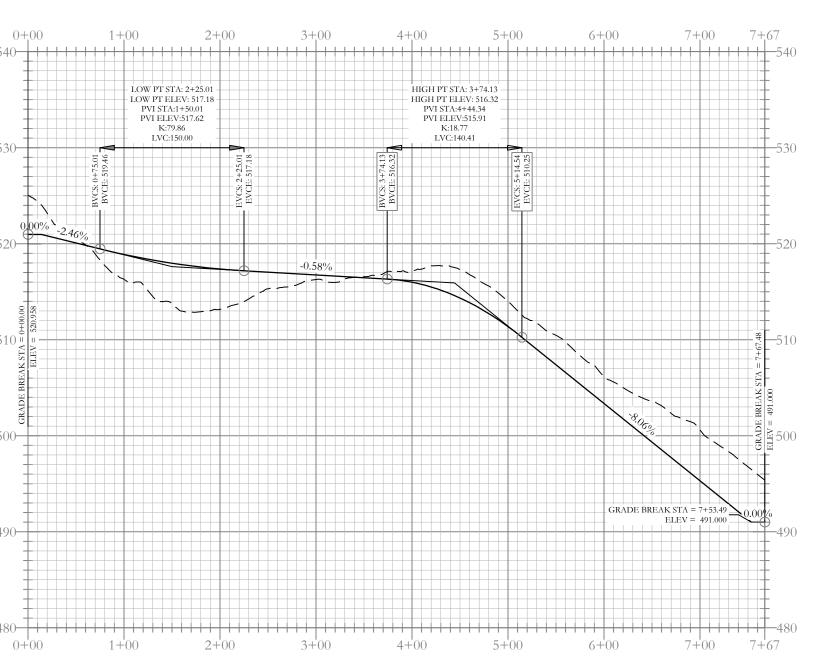
A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS 03/08/2023 C.A.D. BY: DRAWING NUMBER: 20-1341







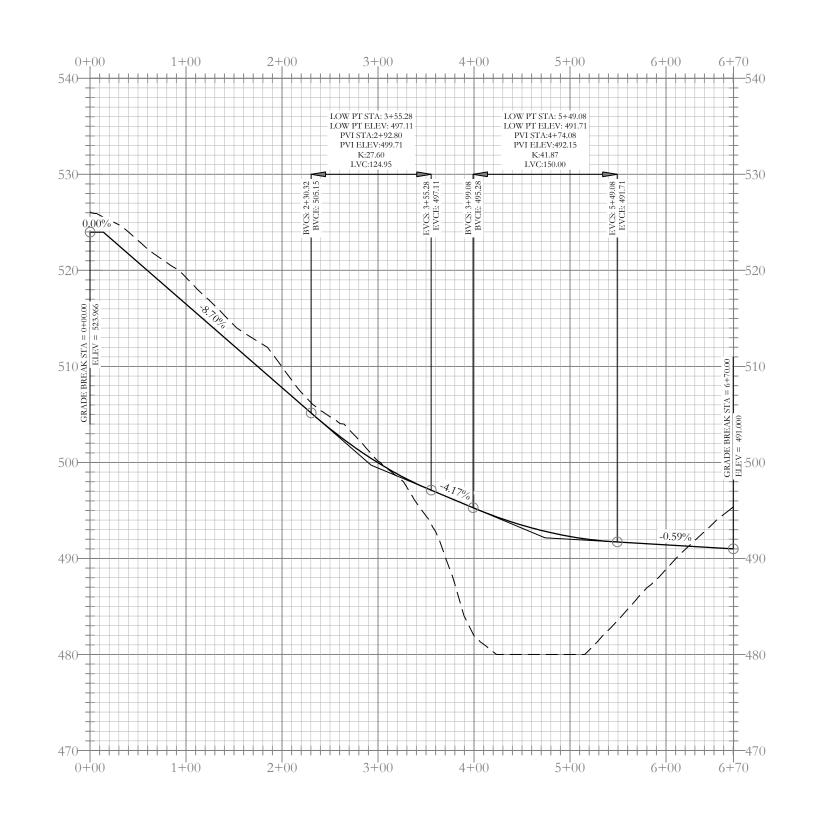






3+00 4+00 5+00 6+00 6+79 HIGH PT ELEV: 536.40 -PVI STA:3+94.29 GRADE BREAK STA = 6+64.94 500 0+00 1+00 2+00 3+00 4+00 5+00 6+00 6+79

Woodmoor Ct Profile







Princeton Square Profile



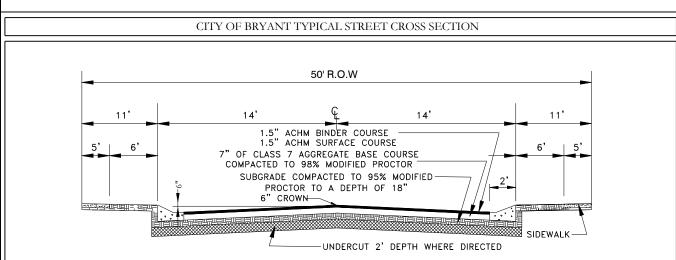
C	0	N	S	U	L
EN	1 G]	INE	EER	S -	SI
				N	IX

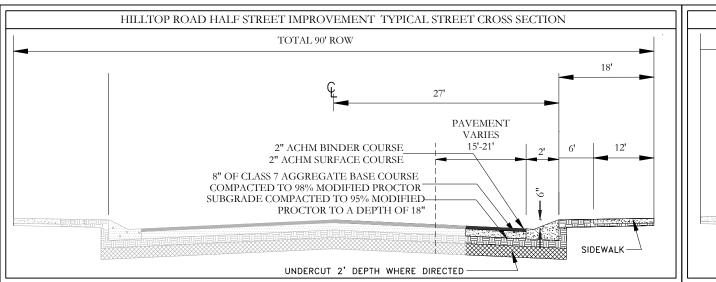
FOR USE AND BENEFIT OF: XT GEN HOMES LLC.

HILLTOP LANDING STREET PLAN & PROFILE

A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS 03/08/2023 C.A.D. BY: DRAWING NUMBER: CHECKED BY: 20-1341

Black Hawk Profile

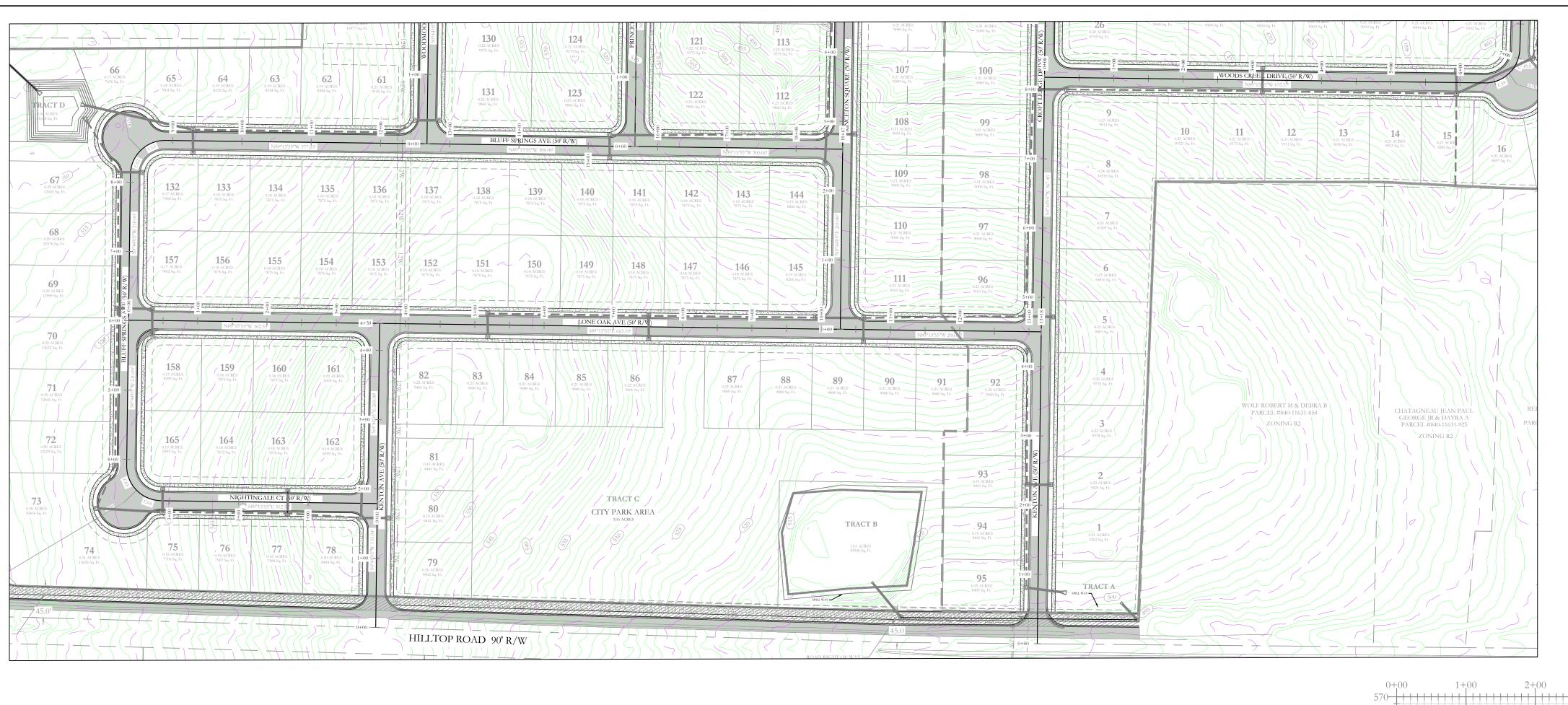


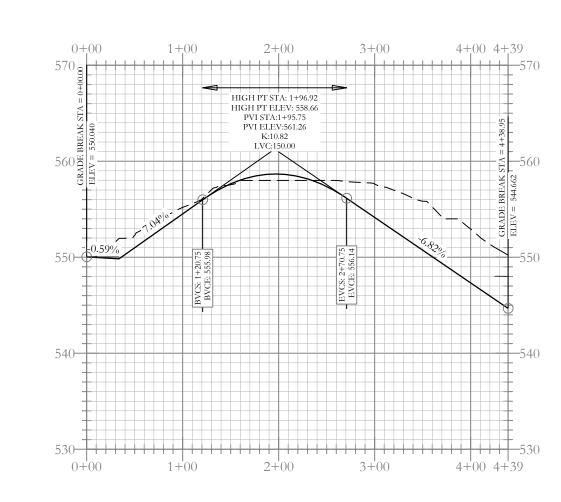


GRADE BREAK STA = 9+65.53

	MILLER ROAD HALF STREET IMPROVEMENT TYPICAL STREET CROSS SECTION		
	TOTAL 60' ROW		
سا	36' BOC-BOC	12'	
	18'		
	PAVEMENT		
	2" ACHM BINDER COURSE VARIES 1.5" ACHM SURFACE COURSE 2'	7' 5'	-
	8" OF CLASS 7 AGGREGATE BASE COURSE COMPACTED TO 98% MODIFIED PROCTOR		
	SUBGRADE COMPACTED TO 95% MODIFIED PROCTOR TO A DEPTH OF 18"		<u></u>
		SIDEWALK —	7
	UNDERCUT 2' DEPTH WHERE DIRECTED		

VICINITY MAP:

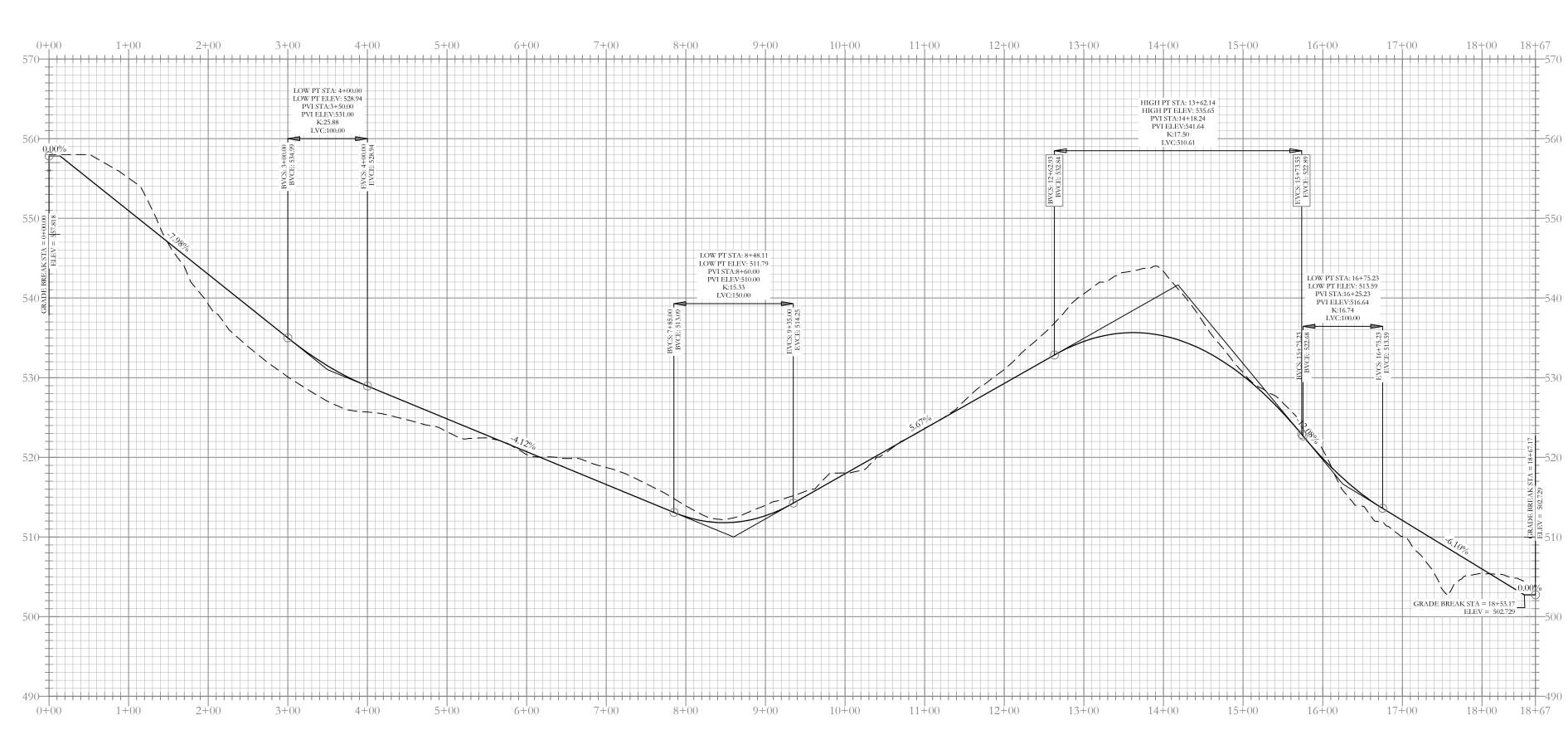


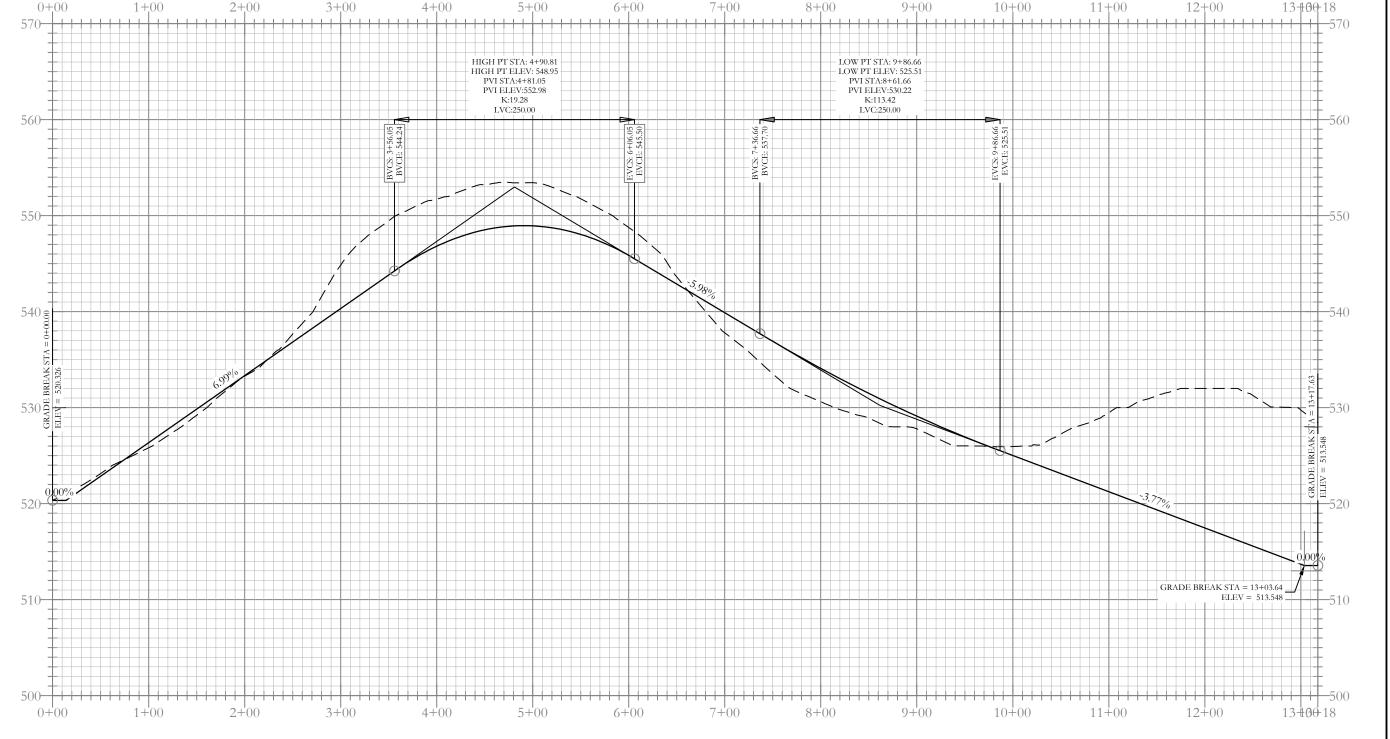


Kenton Ave Profile



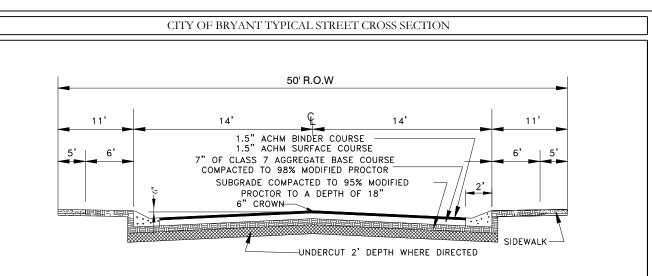


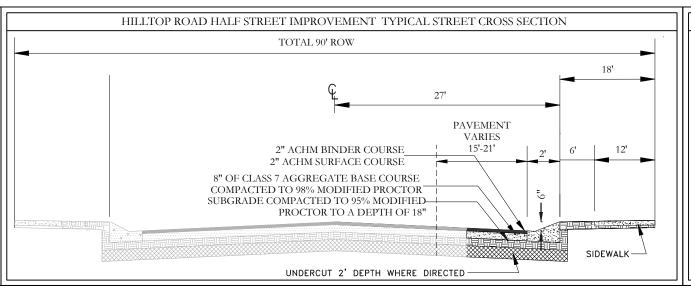


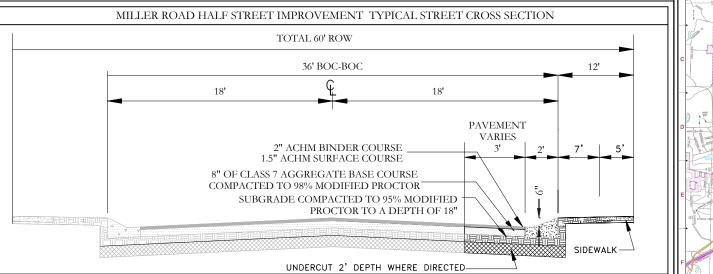


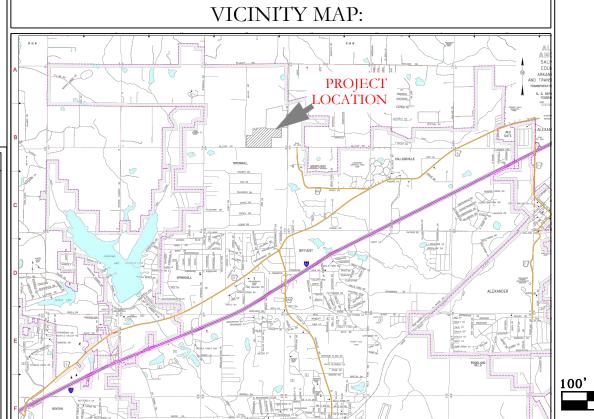
Lone Oak Ave Profile

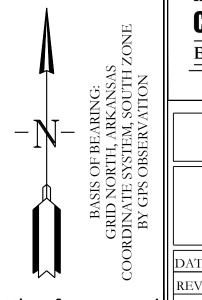
Nightingale Ct-Bluff Springs Ave Profile













www.hopeconsulting.com

FOR USE AND BENEFIT OF: NXT GEN HOMES LLC.

HILLTOP LANDING STREET PLAN & PROFILE

A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS									
DATE: 03/08/2023 C.A.D. B			BY:	:		DR	AWING	NUMBER:	
REVISED:			CHECKED BY:			20-1341			
SHEET:	C-1.2		SCALE: 1" = 120'				<u> </u>	-1341	
500	01S	14V	V	0	09	200		62	1762



DRAWING NUMBER: 20-1341 01S 14W 0 09 200 62 1762

03/08/2023

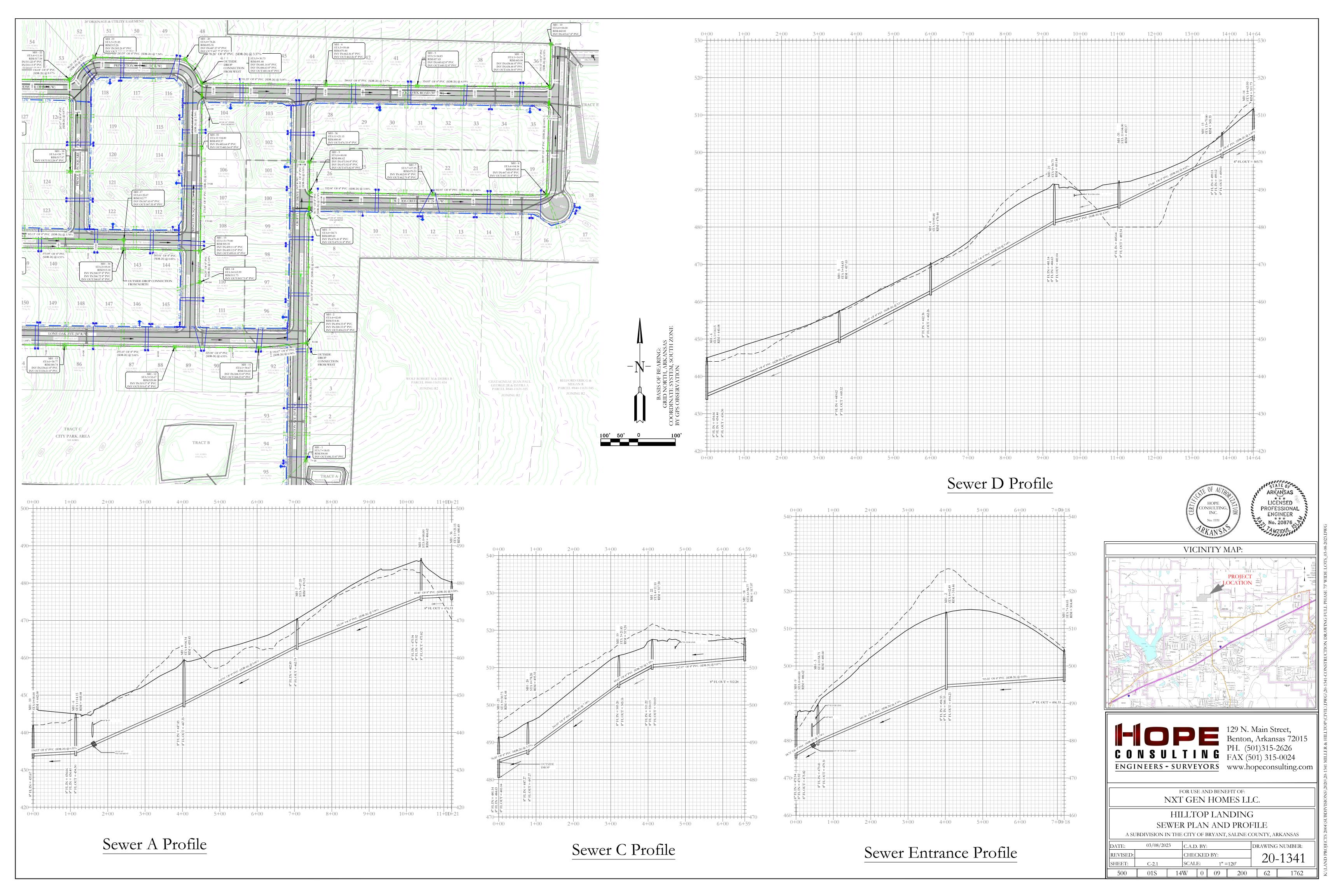
CHECKED BY:

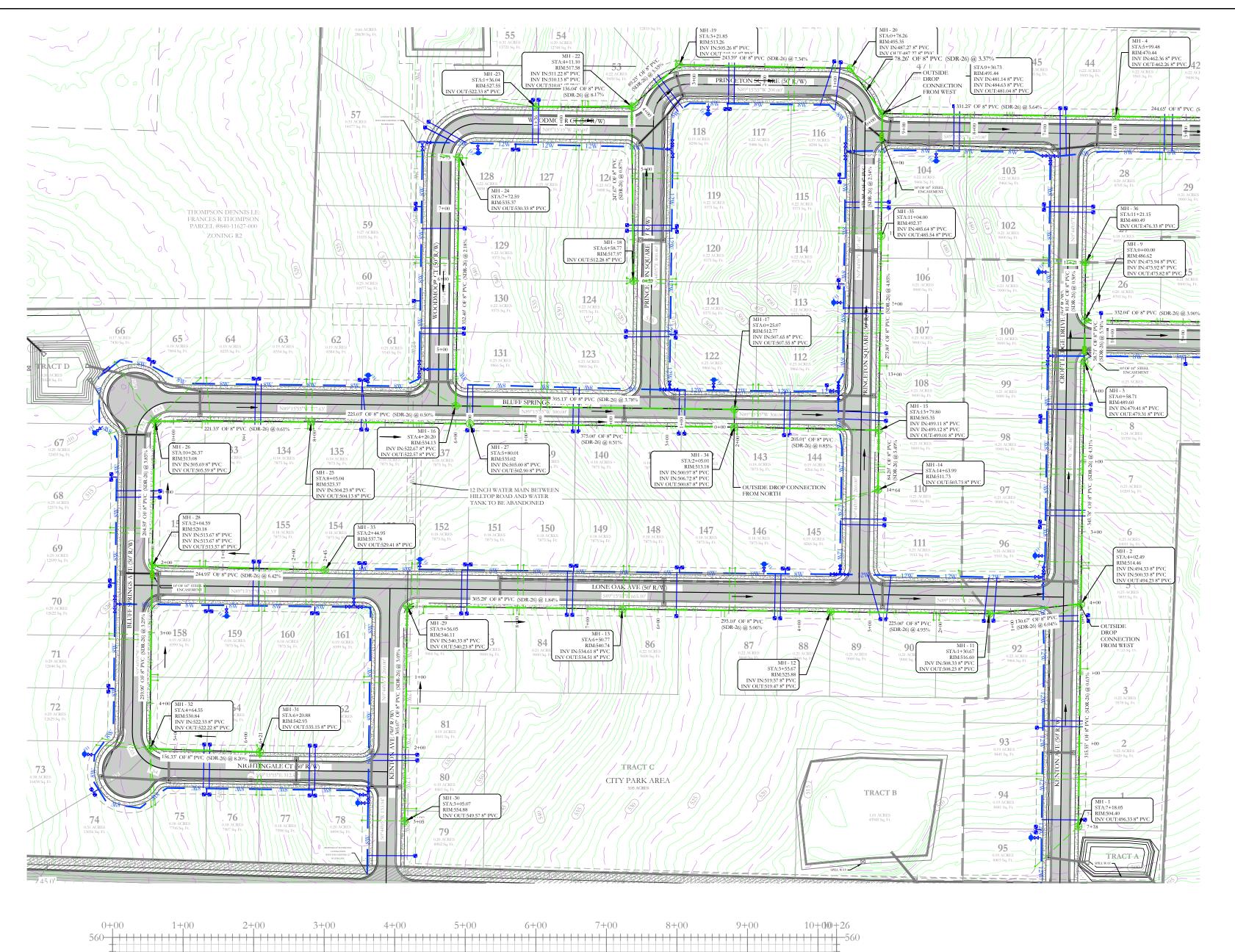
REVISED:

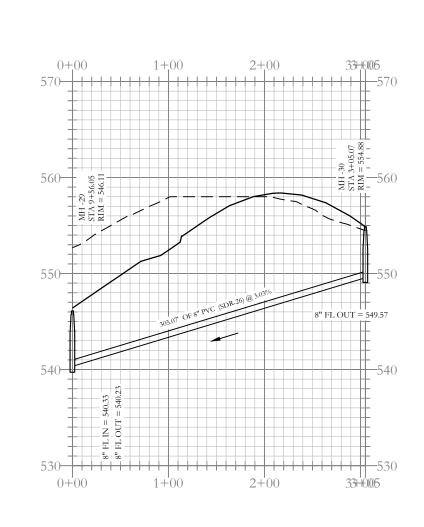
TEE FITTING

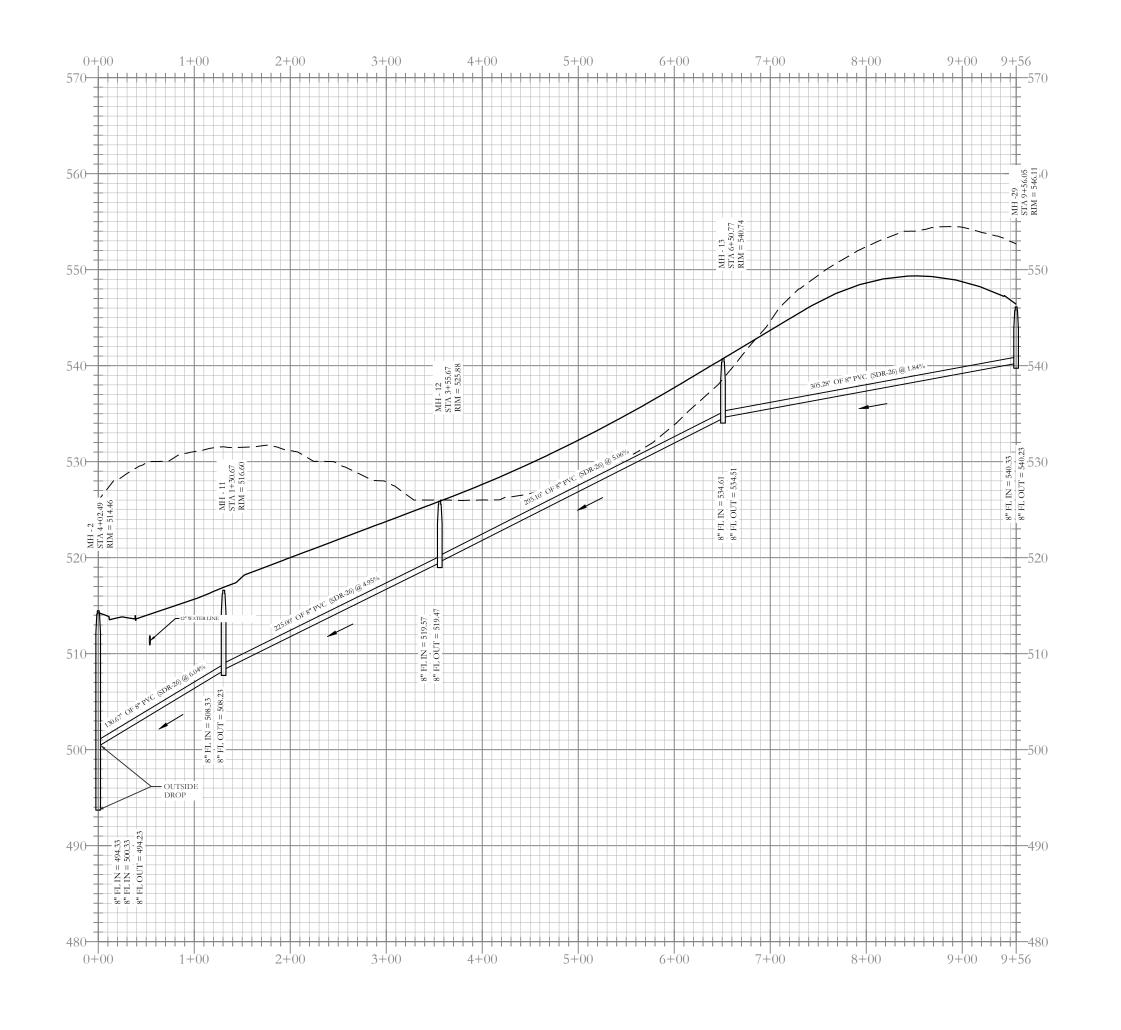
FIRE HYDRANT

CROSS FITTING



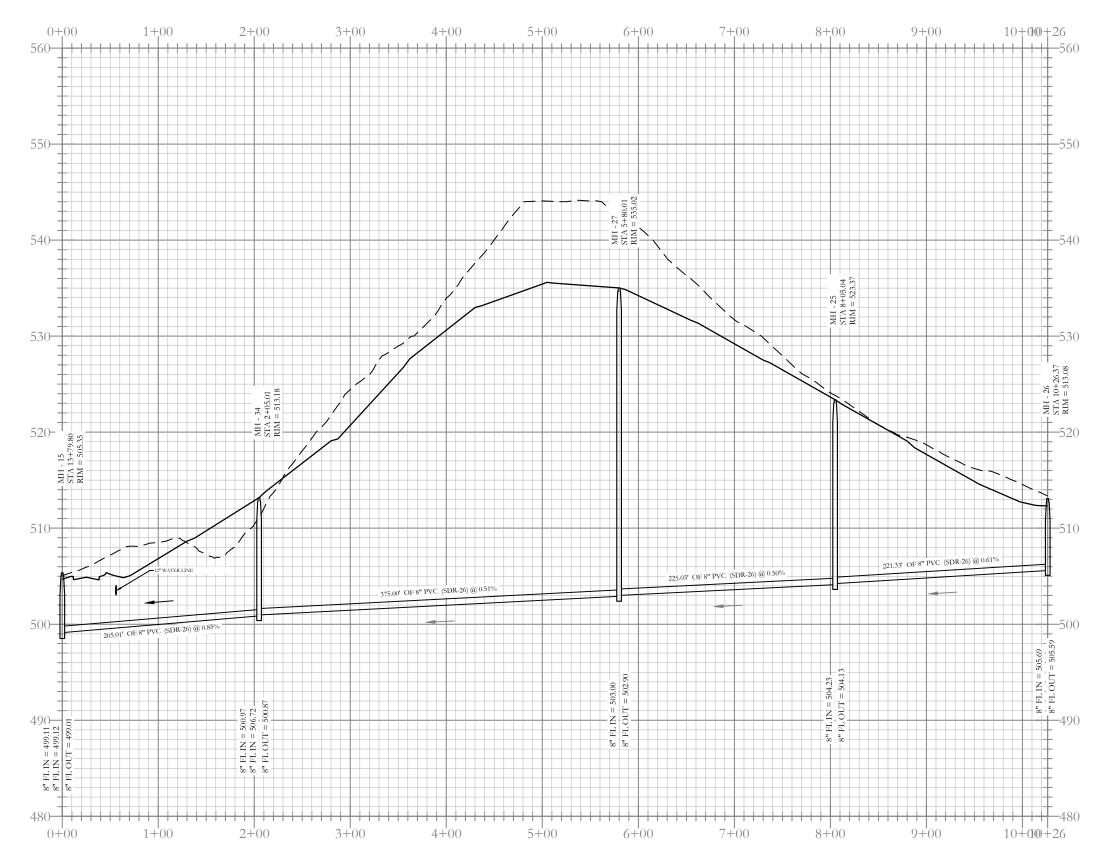






Sewer Entrance-2 Profile

Sewer F-1 Profile



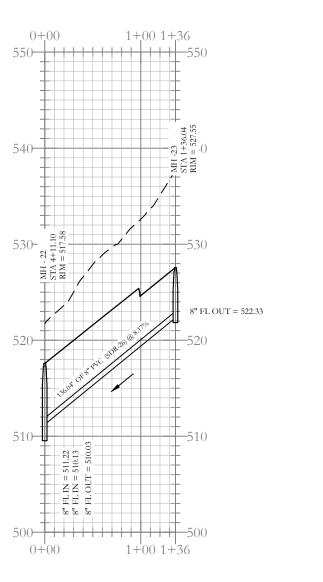
ARKANSAS

LICENSED

PROFESSIONAL

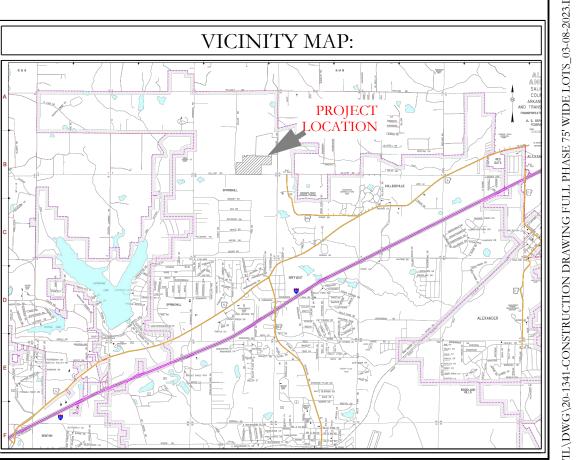
ENGINEER

No. 20876



Sewer B-1 Profile





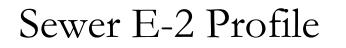


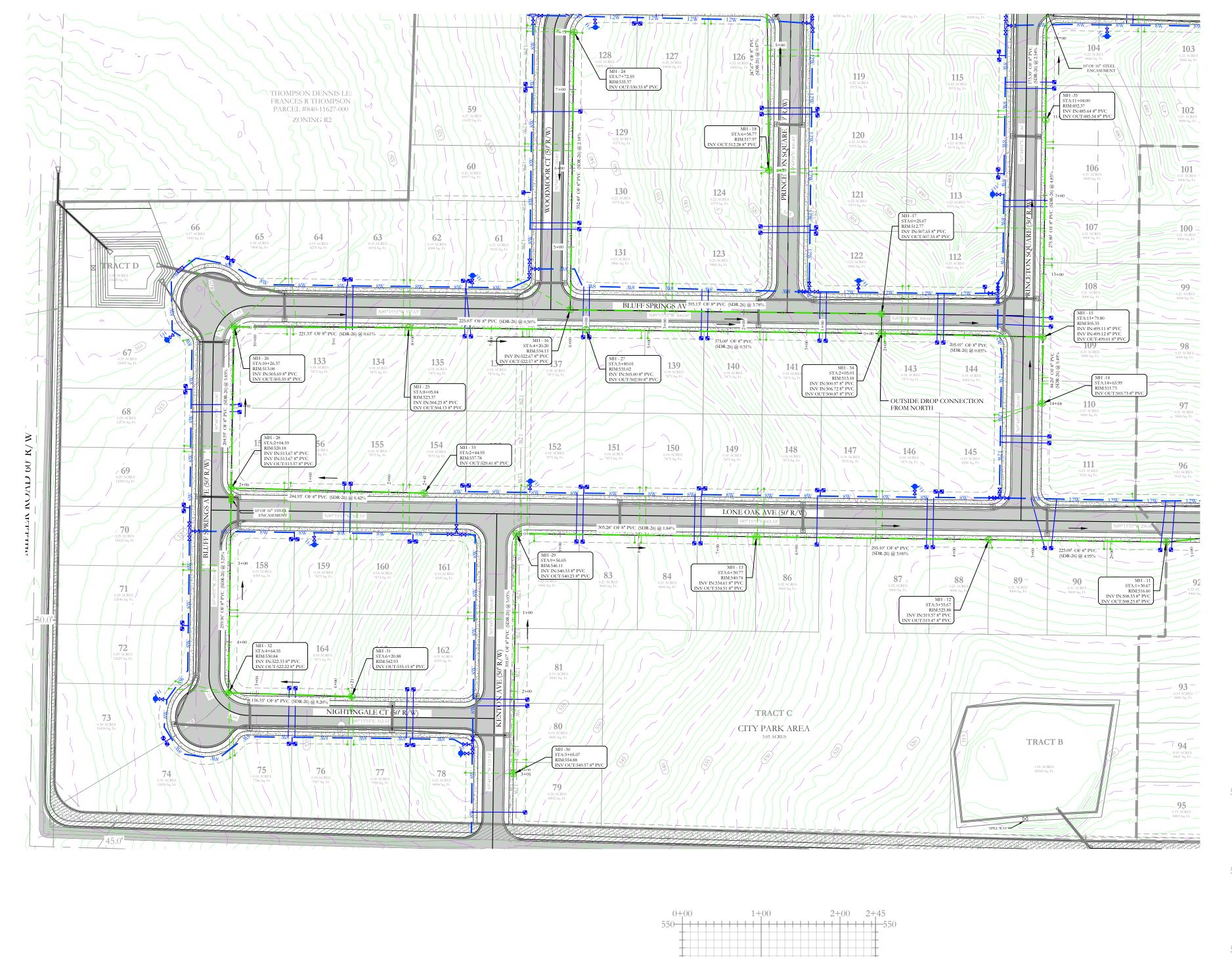
FOR USE AND BENEFIT OF: NXT GEN HOMES LLC.

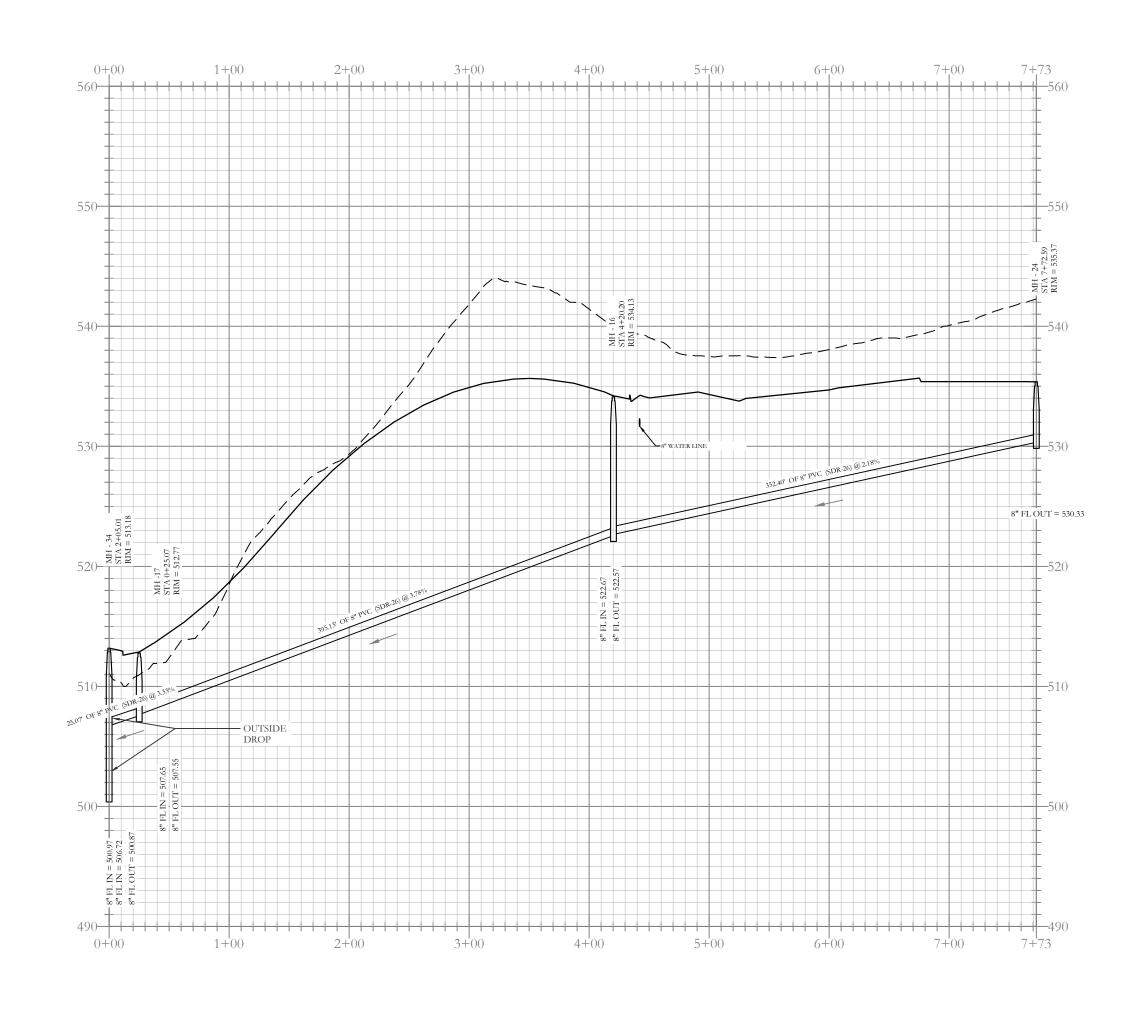
HILLTOP LANDING SEWER PLAN AND PROFILE

A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS DRAWING NUMBER:

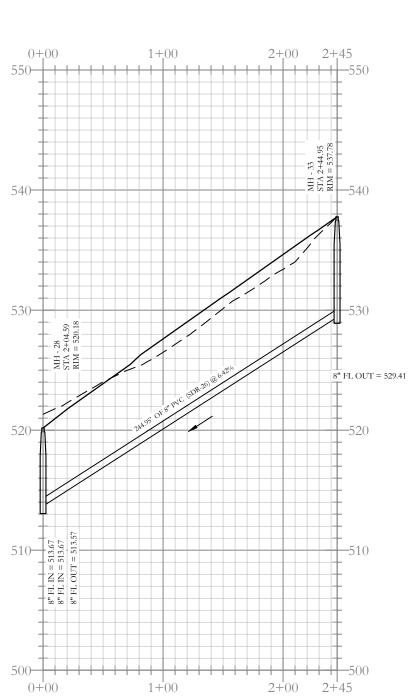
500 01S 14W 0 09 200 62 1762

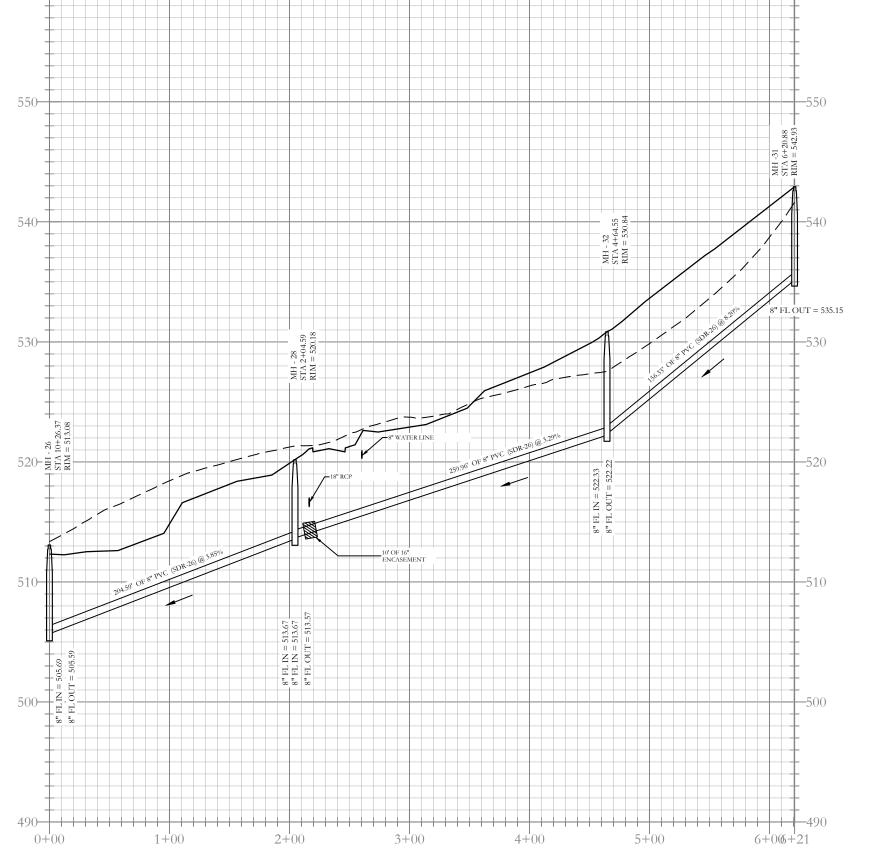




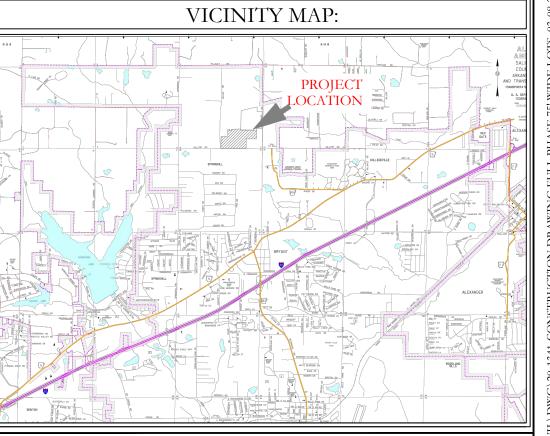


Sewer B-2 Profile





Sewer E-1 Profile

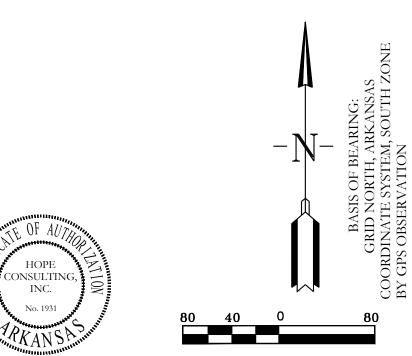




FOR USE AND BENEFIT OF:
NXT GEN HOMES LLC.

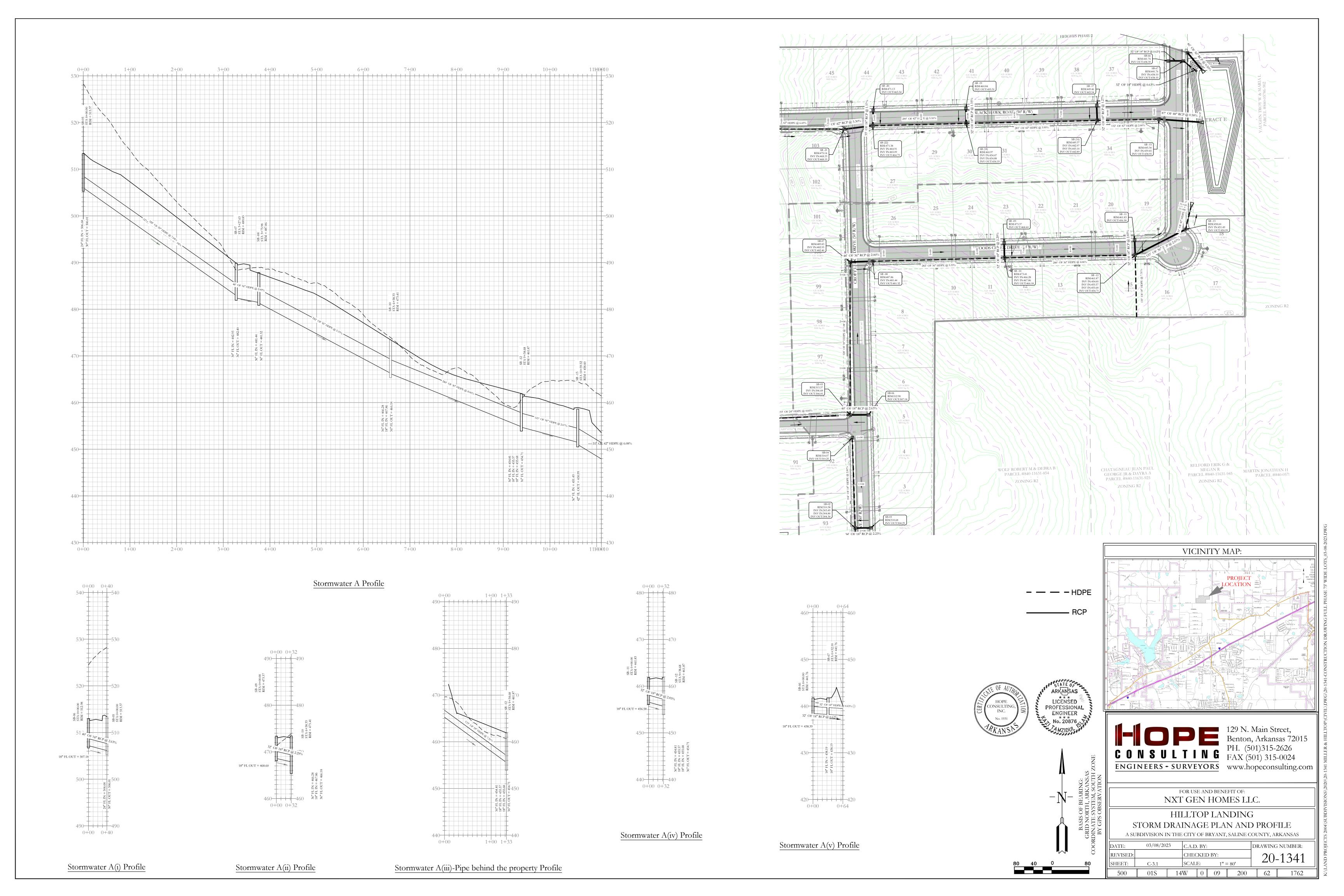
HILLTOP LANDING SEWER PLAN AND PROFILE A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS

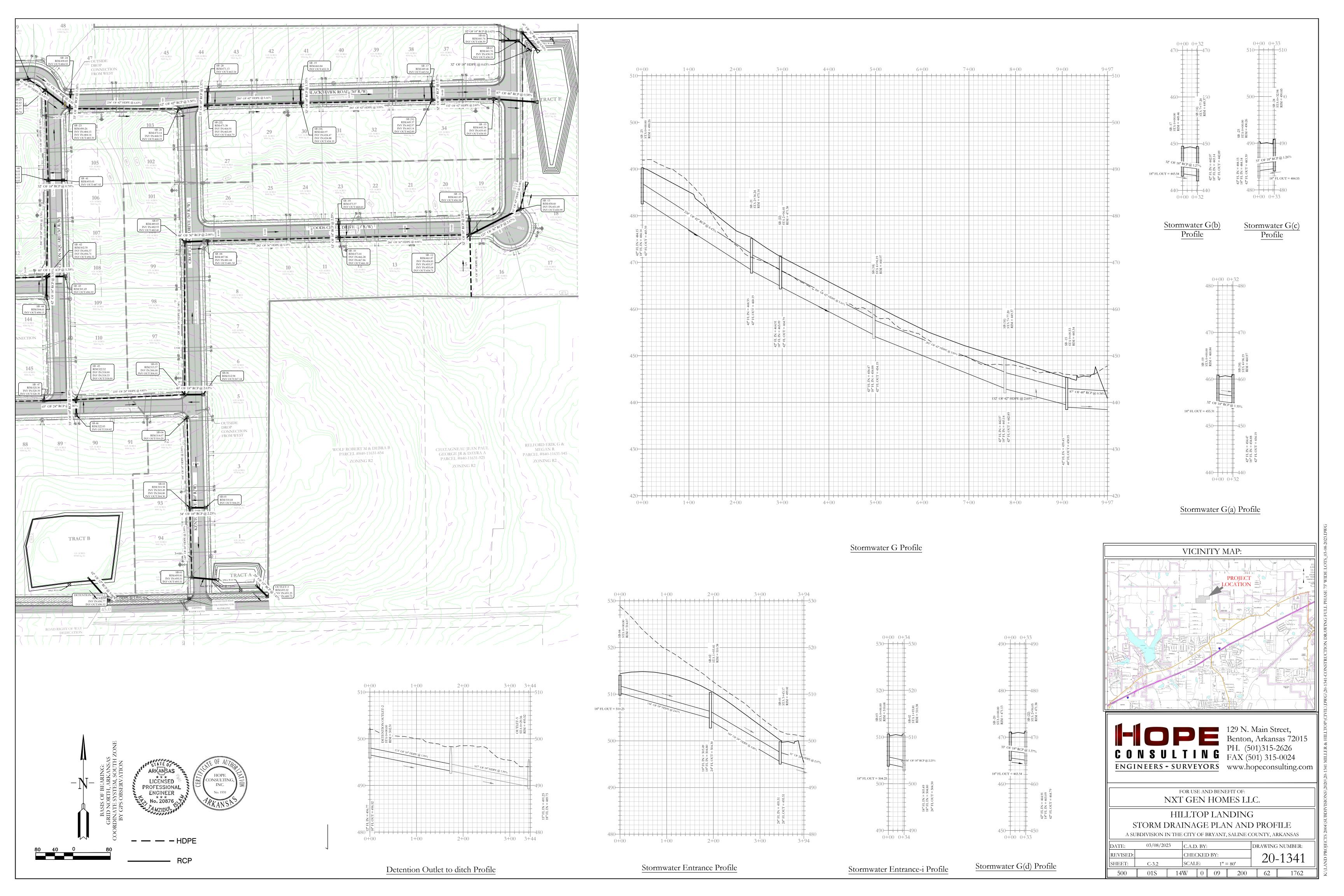
20-1341 500 01S 14W 0 09 200 62 1762

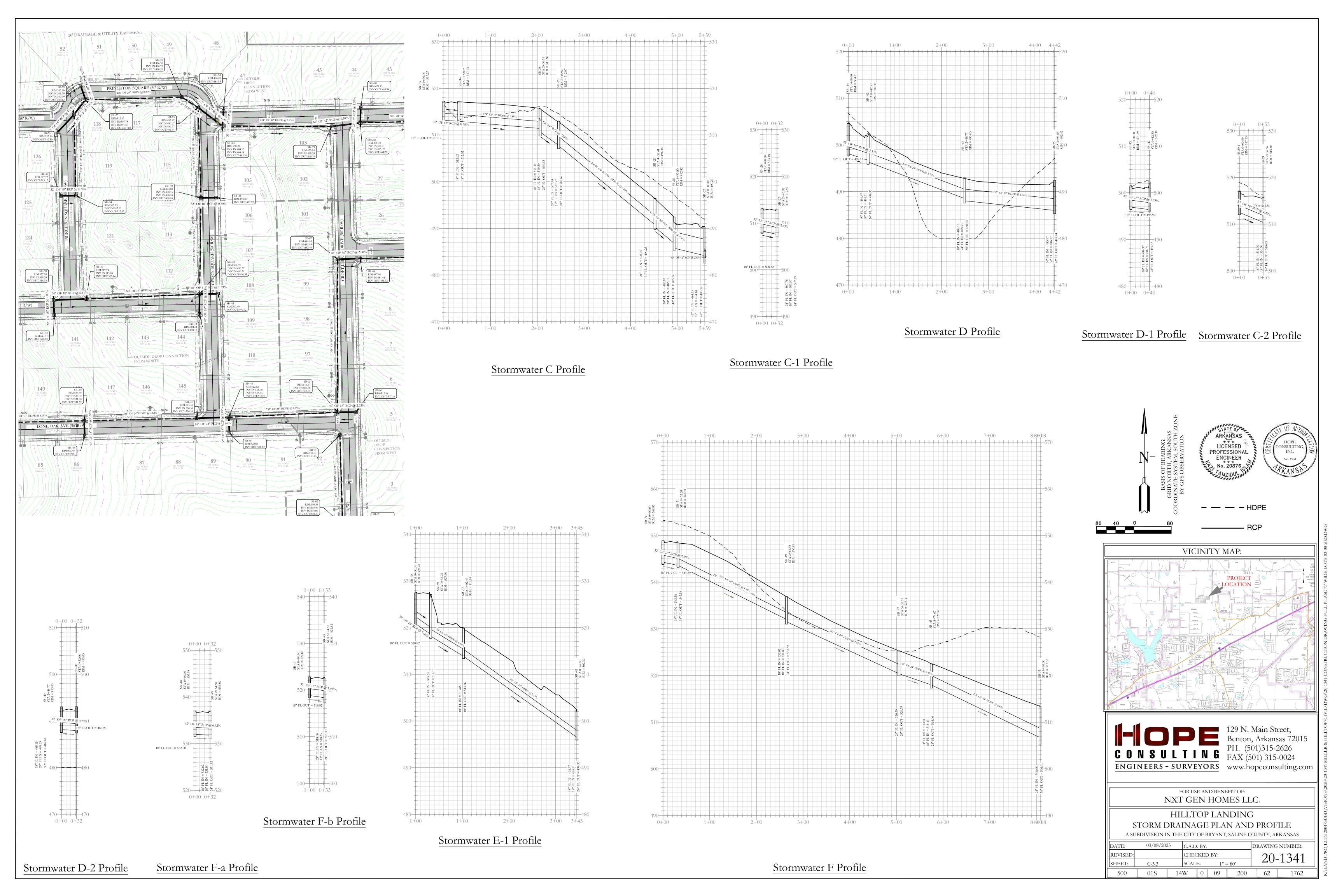


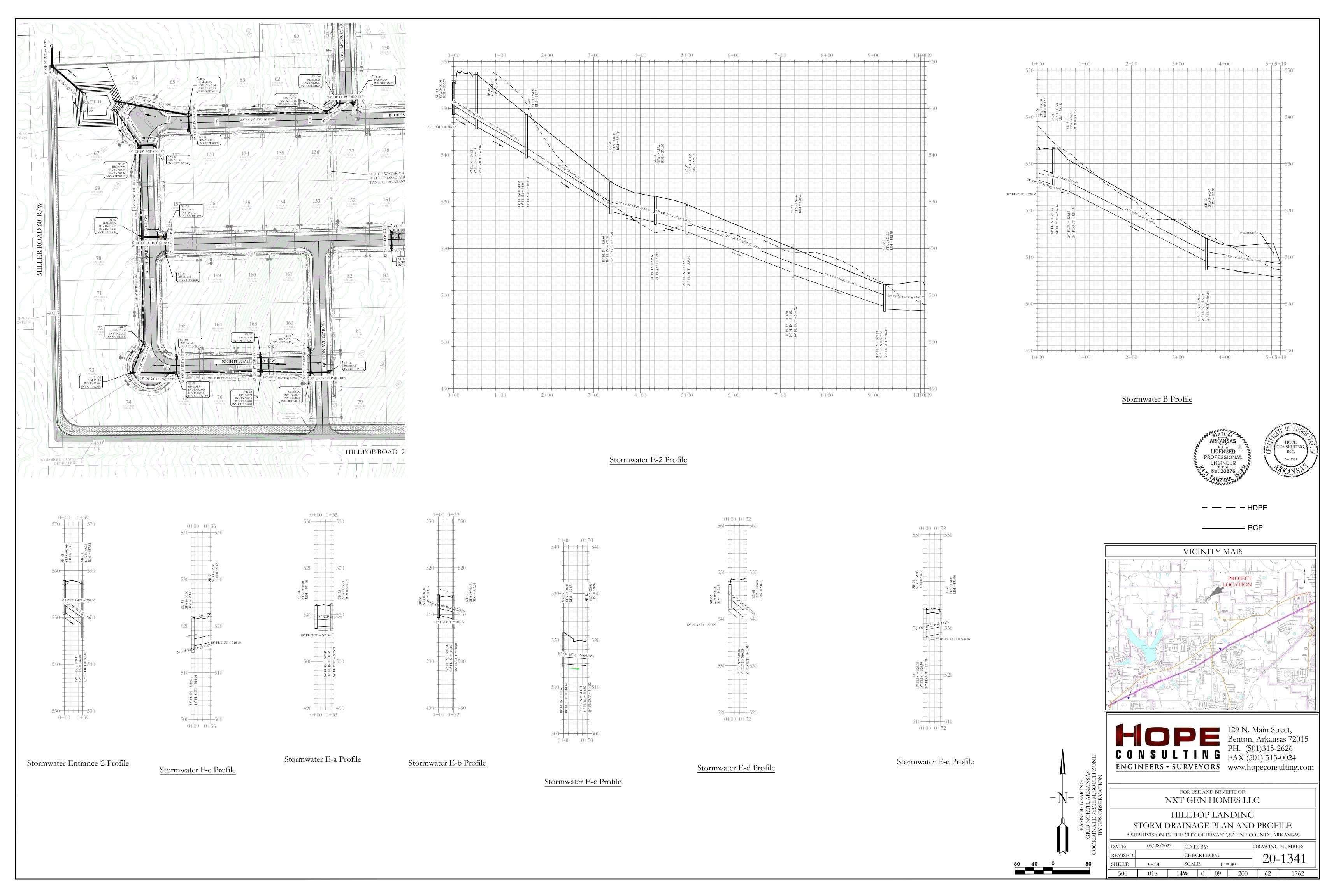
Sewer F-2 Profile



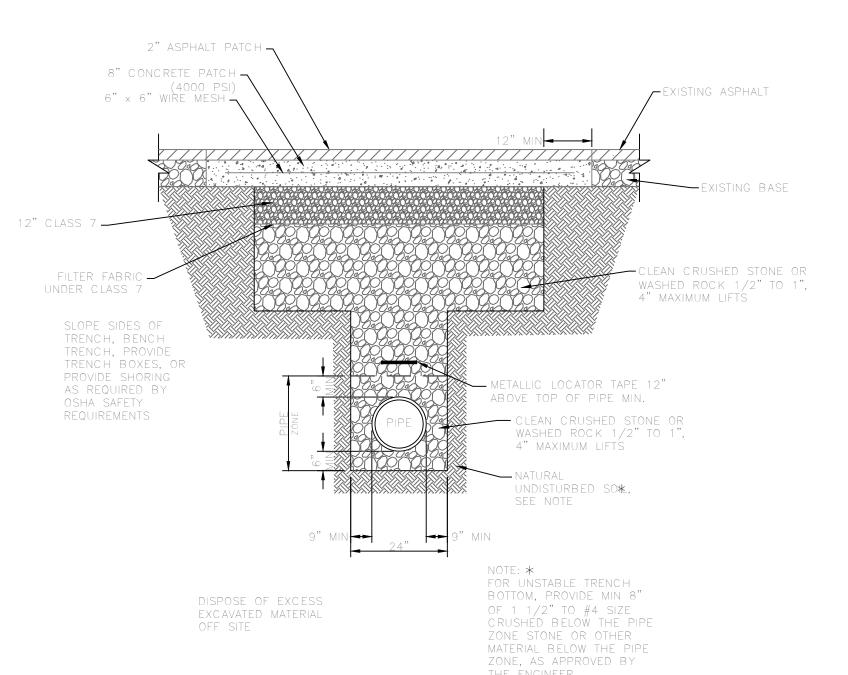








DRAWING NUMBER:



PVC SEWER TRENCH UNDER

EXISTING ASPHALT STREET

DETAIL-VALVE BOX

4-#4's EACH WAY

CENTER IN SLAB (TYP.)

2'x 2'x 4" CONCRETE-

PAD AROUND VALVE (TYP.)

VALVE BOX LID~

TO BE BOLTED

TWO PIECE C.I., -SLIDING TYPE

VALVE BOX (SEE SPEC'S.)

DOWN.

FUTURE ASPHALT STREET

CLEAR AND GRUB FULL WIDTH OF RIGHT-OF-WAY WIDTH IN WOODED AREAS -ALL DISTURBED AREA AS INDICATED ABOVE BACKFILL MATERIAL 3"Ø MAX. ROCK SIZ PROVIDE TRENCH BOXES SAFETY REQUIREMENTS METALLIC LOCATOR TAPE 12" ABOVE TOP OF PIPE MIN. WASHED ROCK 1/2" TO 1" 4" MAXIMUM LIFTS UNDISTURBED SOIL, SEE NOTE *

PVC SEWER TRENCH UNDER

FUTURE PAVEMENT

SLOPE SIDES OF-

TRENCH, PROVIDE

AS REQUIRED BY OSHA SAFETY

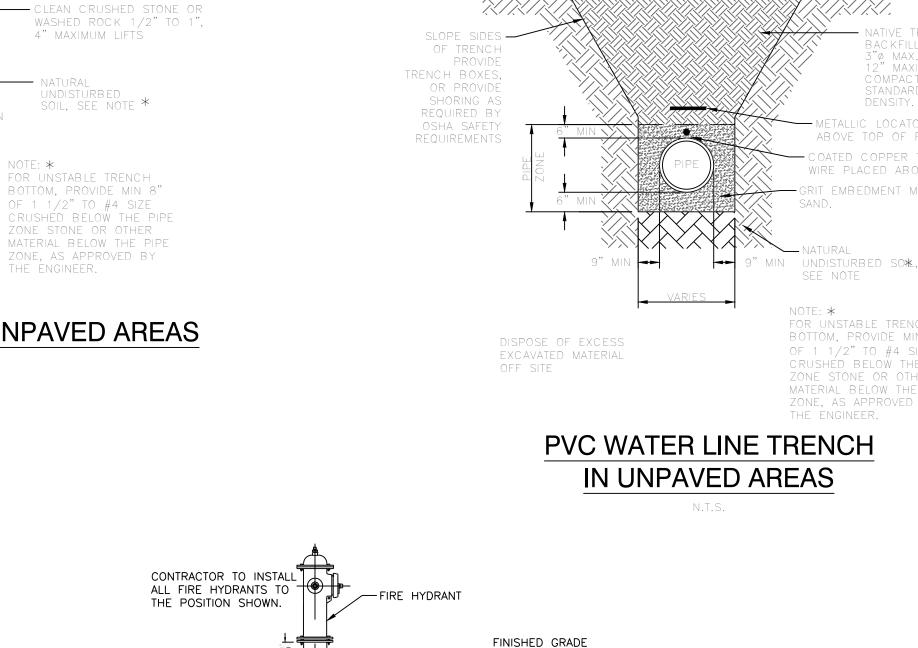
TRENCH BOXES, OR

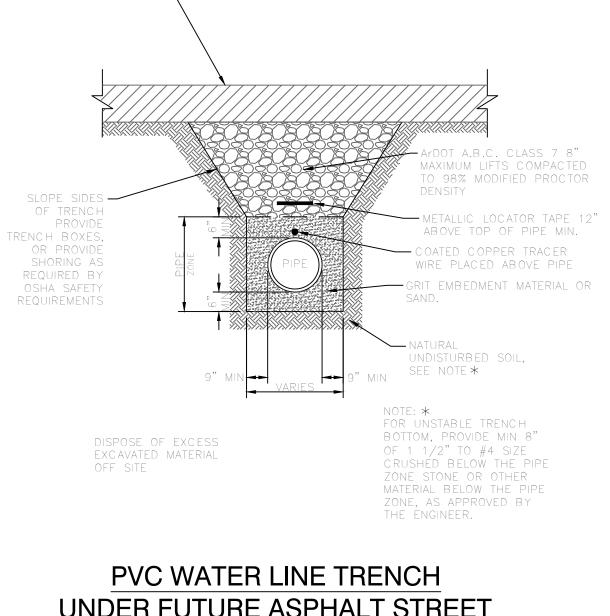
DISPOSE OF EXCESS

EXCAVATED MATERIAL

PVC SEWER TRENCH IN UNPAVED AREAS

EXCAVATED MATERIAL





FUTURE PAVEMENT

ArDOT A.B.C. CLASS 7 8" MAXIMUM LIFTS COMPACTED

TO 98% MODIFIED PROCTOR

METALLIC LOCATOR TAPE 12' ABOVE TOP OF PIPE MIN.

4" MAXIMUM LIFTS

SEE NOTE*

BOTTOM, PROVIDE MIN 8"

OF 1 1/2" TO #4 SIZE

CRUSHED BELOW THE PIPE

MATERIAL BELOW THE PIPE

ZONE, AS APPROVED BY

1. IN LAWN AREAS, DISTURBED SOIL

SHALL BE STABILIZED BY PLACEMENT OF SOD TO MATCH

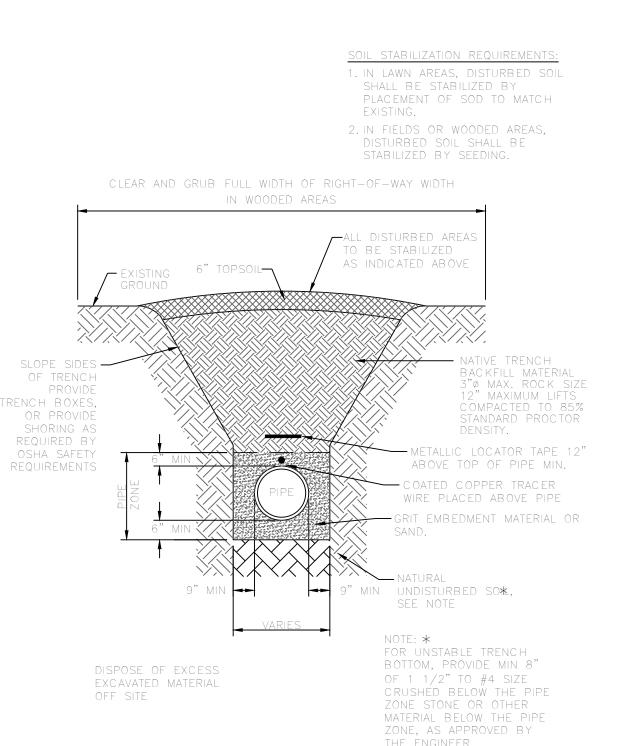
2. IN FIELDS OR WOODED AREAS, DISTURBED SOIL SHALL BE

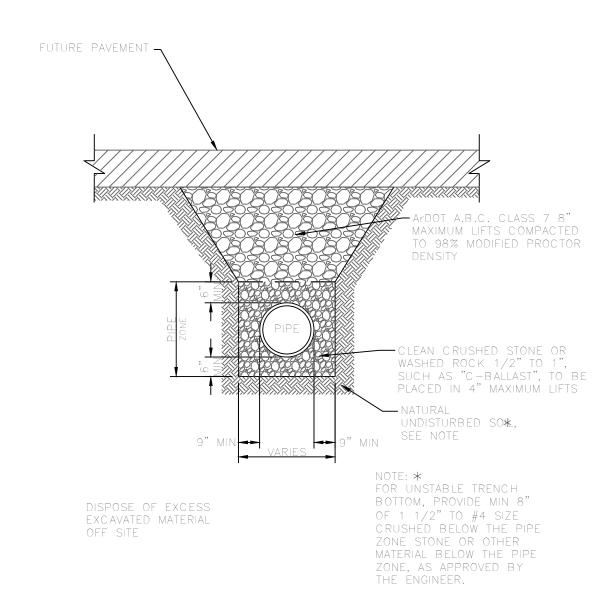
EXISTING.

NOTE: *

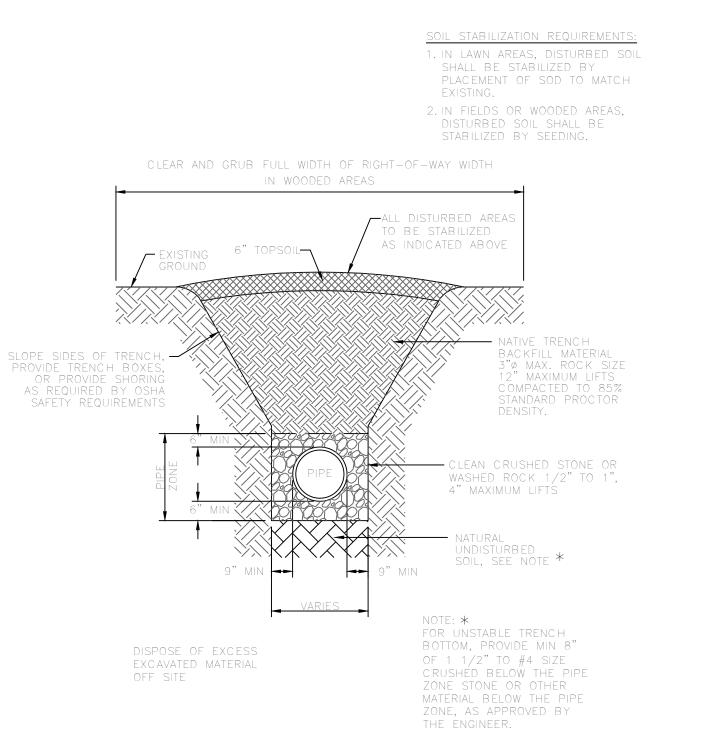
WASHED ROCK 1/2" TO 1".

UNDER FUTURE ASPHALT STREET

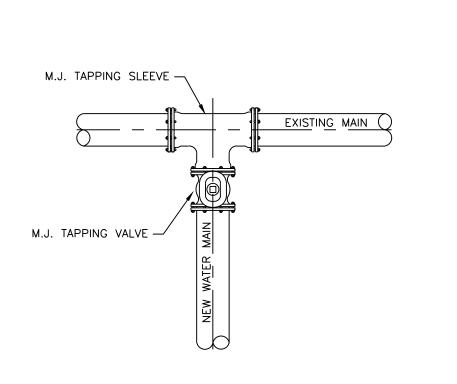




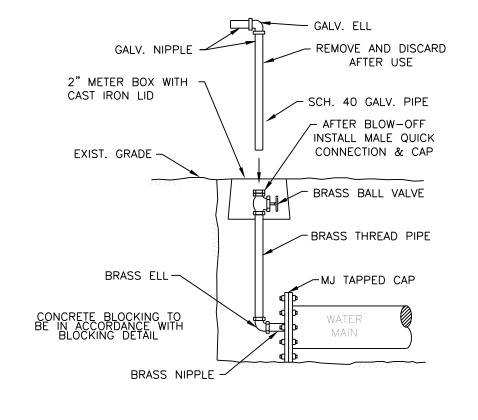
DRAINAGE PIPE TRENCH UNDER **FUTURE ASPHALT STREET**



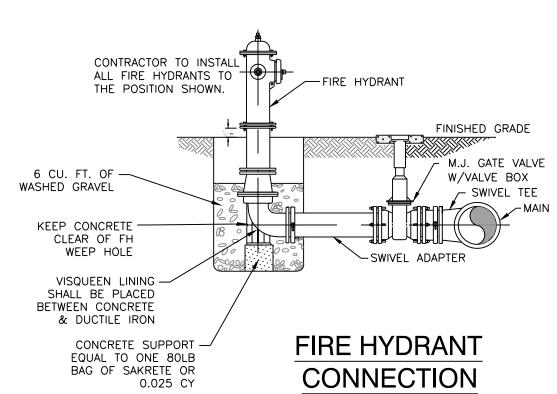
DRAINAGE PIPES IN UNPAVED AREAS



WATER MAIN CONNECTION DETAIL



2" BLOW-OFF RISER



NTS

CONSULTING FAX (501) 315-2020

129 N. Main Street, Benton, Arkansas 72015 PH. (501)315-2626 ENGINEERS - SURVEYORS www.hopeconsulting.com

> FOR USE AND BENEFIT OF: NXT GEN HOMES LLC.

HILLTOP LANDING TRENCH DETAILS

A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS 03/08/2023 DRAWING NUMBER:

REVISED: CHECKED BY: 20-1341 SHEET: C-4.0 SCALE: 14W 0 09 200 62 1762 01S

SUBGRADE MATERIAL

- A. Subgrade soils shall be all materials used for subgrade including in-situ materials and fill materials.
- B. Subrades for pavement shall be stabilized by mechanical compaction. Stabilization methods such as fabrics and chemical stabilization may be submitted for approval when supported by engineering data and calculations to substantiate the adequacy of the stabilized procedure.
- C. Subgrade shall be compacted to 95 percent modified proctor density minimum. Moisture content shall be +/- 3% of optimum moisture unless otherwise supported by the site specific geotechnical data and approved by City. D. Subgrade shall be prepared in such a manner that the base course shall be placed on a firm foundation that is stable and free from soft spots, pumping, dust pockets, wheel ruts, or other defects.
- E. The top 24 inches of the subgrade shall be a material not susceptible to frost action unless modified with cement, lime or another method approved specifically by the City to resist frost action. Soils classified as A-4 and A-5 including sandy silts, fine silty sand or lean clays are highly susceptible to frost
- F. In-situ soils meeting the requirements outlined in these specifications may be utilized as subgrade shall be scarified to a minimum depth of 8-inches below finish subgrade, recompacted and tested as described below. Fill material for subgrade shall be placed in lifts
- not to exceed 8-inches compacted depth. G. Methods and procedures for establishing the total depth of soil replacement and/or modification shall be as specified by the design engineer and geotechnical investigations. The adequacy of in-situ soils and fill materials as pavement subgrade shall be evaluated based upon the soils classification, liquid
- H. Soils with a liquid limit greater than 40, or a plasticity index greater than 15 shall be undercut and removed from the street section or improved by a design method of stabilization approved by the City.
- I. Quality control testing shall be as specified below.
- Undercut 24" of soil below finished street base course. Proof roll to verify stability K. Backfill the undercut subgrade with Class 7 aggregate or soil meeting the requirements of this section and compact in lifts not exceeding 8".

BASE COURSE

- A. Base course material shall be crushed stone meeting the requirements of ArDOT Class 7 aggregate base course as specified in the latest edition of ArDOT Standard Specifications.
- B. Base course shall be compacted to 98 percent modified proctor density minimum. Moisture content shall be +/- 3% of optimum moisture.

SURFACE COURSE

A. Surface course for flexible pavement designs shall utilize plant mix bituminous base and binder courses conforming to ArDOT Standard Specifications.

CURB AND GUTTER

- A. Curb and gutter shall be Portland Cement Concrete with a minimum 28-day compressive strength of 4,000 psi. Concrete shall be air-entrained with a maximum of 4-inch slump.
- B. Compaction requirements under curb and gutter shall conform to the requirements for street subgrade materials. Compaction requirements shall extend to a minimum of 1 foot behond the back of curb and gutter removing all soft spots and replacing with suitable materials. C. Curb and gutter shall conform to the typical detail within these specifications or ArDOT Standard Roadway Drawing Details for curbing.
- D. Expansion joints shall be made with 1/2-inch preformed expansion joint filler of a non-extruding type. Expansion joints shall be placed at intervals not exceeding 195 feet, intersection radii, driveways, stationary structures, and sidewalks.
- E. Contraction joints shall be sawed or fromed at intervals not greater than 20 feet. Depth of saw-cut hall be 1 1/2-inch and have a width of 1/4-inch. Contraction joints shall be sealed in accordance with ArDOT Standard Specifications.
- F. Forms shall be made of metal or wood and shall be properly braced. The minimum length of each section of form used shall be uniform and free from undesirable bends or warps. Forms shall be of such cross section and strength and so secured as to resist the
- pressure of the impact and vibration on any equipment which they support without springing or settlement. G. Curb and gutter placed with slip form or extruding equipment will be acceptable providing it complies with all of the above requirements.
- H. After curing, the curb shall be immediately backfilled to within 4 inches of the top curb to eliminate the possibility of washing beneath the curb. The remaining 4 inches shall be topsoil.
- I. Cold weather protection shall meet the requirements of the latest edition of ArDOT Standard Specifications.

SIDEWALKS

General

- A. Sidewalks shall be Portland Cement Concrete with a minimum 28-day compressive strength of 4,000 psi.
- B. Sidewalks shall be on both sides of streets in line with sidewalks on opposite corners of roads.
- C. All sidewalks including ramps shall meet all current Federal Americans with Disabilities (ADA) design guidelines or requirements.
- D. Traverse slopes shall not exceed 2 percent.
- E. Subgrade under sidewalks shall be compacted to 90 percent modified proctor density minimum.
- F. Sidewalks shall not be placed upon grassy or organic materials.
- G. Sidewalks which extend or link existing sidewalks shall adjoin the existing sidewalks to form a continuous, even pathway.
- H. Utility poles, utility boxes, mailboxes, fire hydrants, and other similar obstructions shall not be located in sidewalks Sidewalk location may vary at the discretion of the City to avoid such obstacles.

Minimum thickness and reinforcement

- A. Sidewalks shall have a minimum thickness of 4 inches.
- B. Sidewalks shall be reinforced, at a minimum, with woven wire fabric reinforcement.

Contraction and expansion joints

- A. Contraction joints shall be provided perpendicular to the sidewalk at intervals equal to the sidewalk width.
- B. Expansion joints shall be constructed perpendicular to the sidewalk at intervals equal to five times the sidewalk width. Expansion joints shall be made with 1/2-inch preformed expansion joints shall be placed at driveways, drop inlets, and curbs.

Quality control testing and inspection by the City

- A. Subgrade and formwork for sidewalks shall be inspected by the City prior to pouring of the sidewalk.
- B. All testing of materials and construction shall be provided and paid for by the Developer/Owner.
- C. All field tests required for a project shall be witnessed by the City, contractor, or their authorized representatives.
- All testing shall be accomplished by a testing firm approved by the City and shall be performed under the supervision of a licensed Professional Engineer.
- E. Sampling and testing locations shall be subject to approval by the City.
- F. Density tests on subgrades shall be taken every 300 feet or portion thereof.
- G. The City shall be notified at least one day in advance of the need to inspect subgrade and formwork of sidewalks.

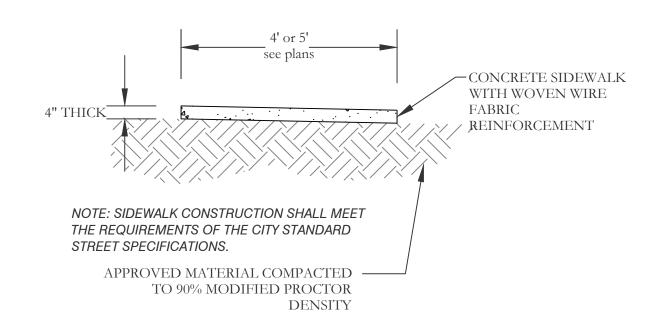
Subgrade

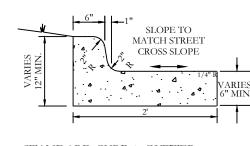
- A. Subgrade soils shall be all materials used for subgrade including in-situ materials and fill materials.
- B. Subgrade shall be compacted to 90 percent modified proctor desnity minimum. Moisture content shall be +/- 3% of optimum moisture unless otherwise supported by the site specific geotechnical data and approved by City.
- C. Subgrade shall be prepared in such a manner that the base course shall be placed on a firm foundation that is stable and free from soft spots, pumping, dust pockets, wheel ruts, or other defects.
- D. The top 24 inches of the subgrade shall be a material not susceptible to frost action unless modified with cement, lime or another method approved specifically by the City to resist frost action. Soils classified as A-4 and A-5 including sandy silts, fine silty sand or lean clays are highly susceptible to frost

QUALITY CONTROL TESTING AND INSPECTIONS

General

- A. Materials and construction employed in street improvements shall be subject to inspection and quality control testing. All testing of materials and construction shall be provided and paid for by the Developer/Owner.
- B. The Developer/Owner shall provide for inspections of street improvements during construction. The inspections shall be accomplished under the supervision of the Engineer of Record. The Engineer of Record shall provide certification that all materials and construction conform to the approved plans and specifications and with these minimum street standards.
- C. The Engineer of Record shall furnish inspection whenever a critical construction activity is taking place. This means that a representative of the Engineer of Record must be on-site whenever a critical construction activity is taking place.
- D. All field tests required for a project shall be witnessed by the City, Engineer of Record, contractor, or other authorized representatives. E. The City shall be notified at least one day in advance of any test(s). It is the responsibility of the contractor to coordinated the scheduling of all tests with the City.





STANDARD CURB & GUTTER NOT TO SCALE

TYPICAL CURB DETAILS & NOTES

Typical Sidewalk Detail

Typical Curb & Gutter Detail

4,000 psi concrete

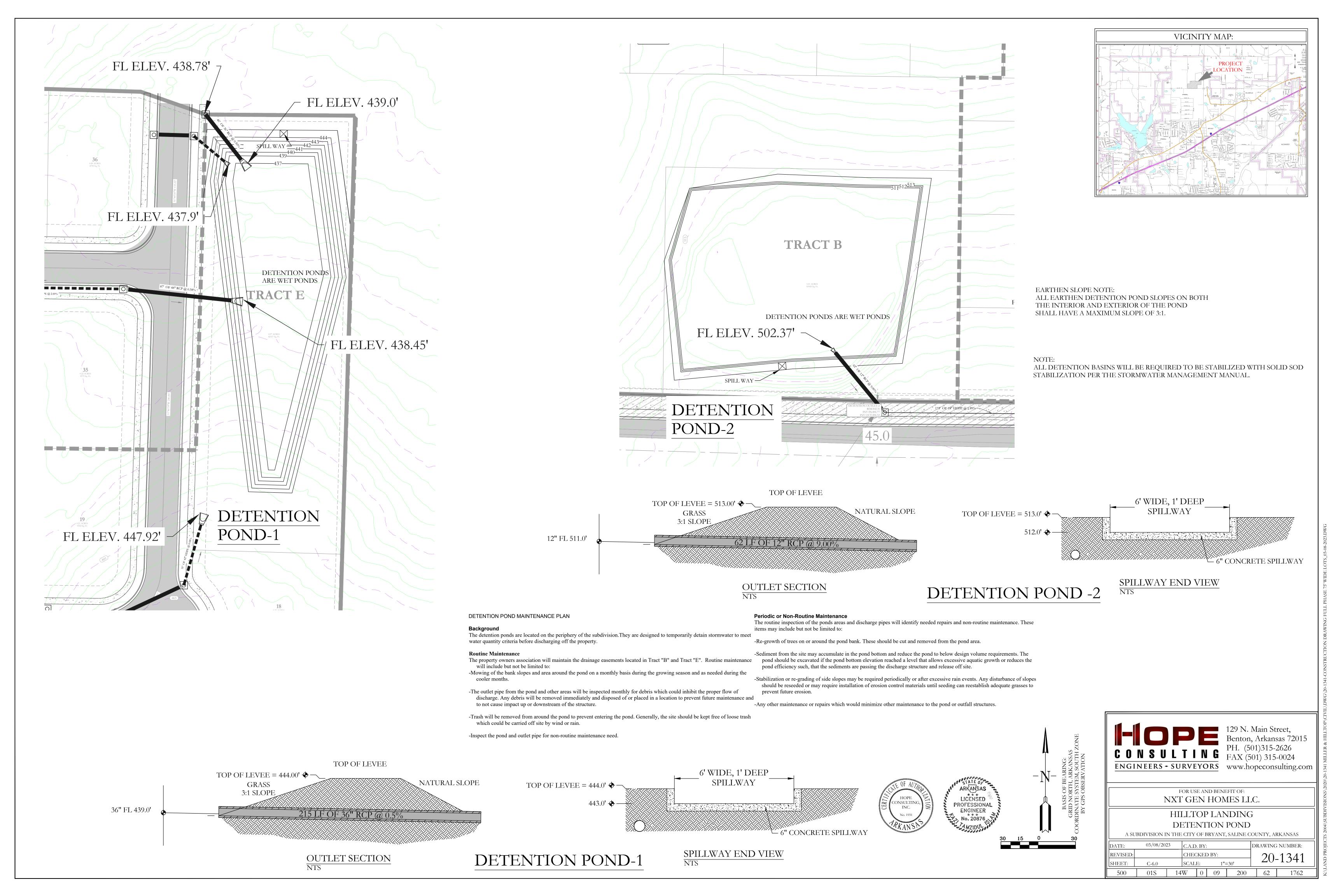


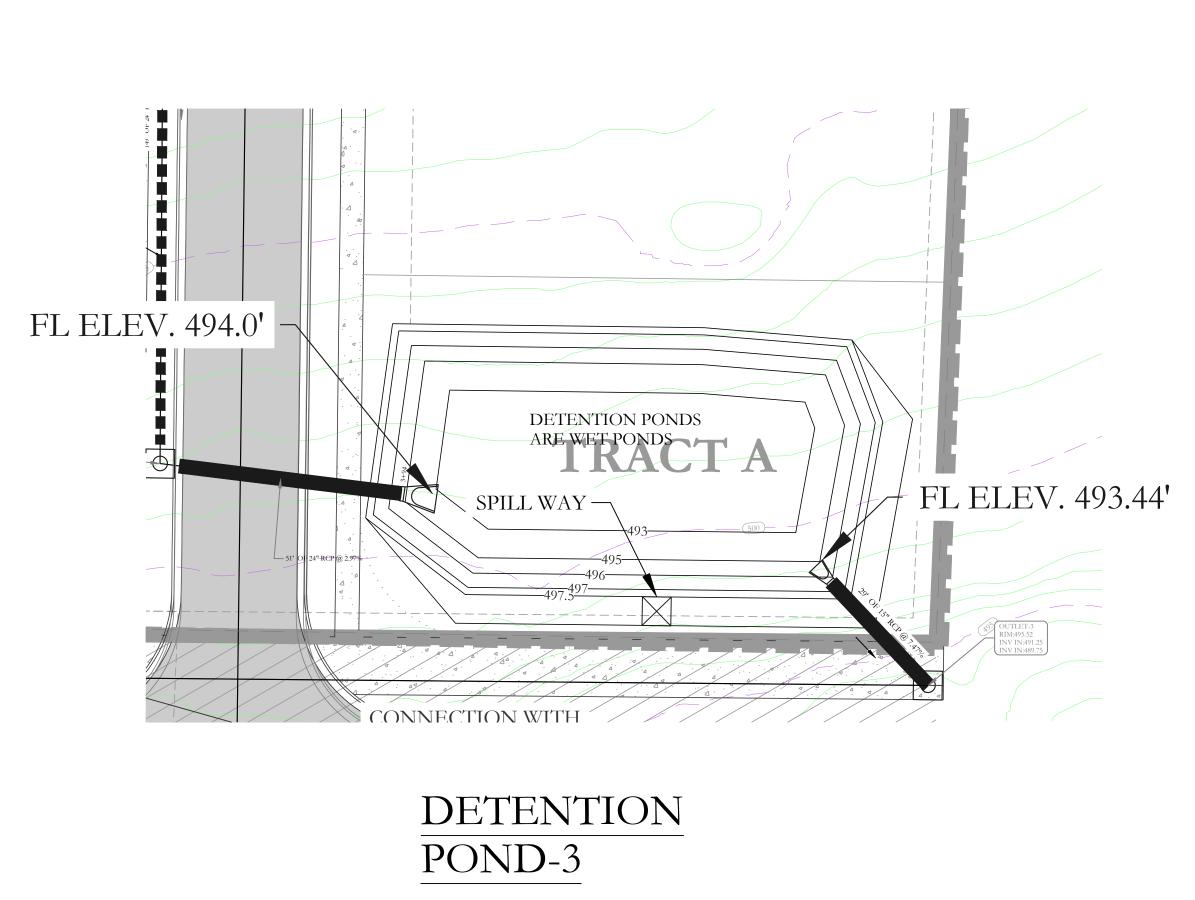
FOR USE AND BENEFIT OF:

NXT GEN HOMES LLC.

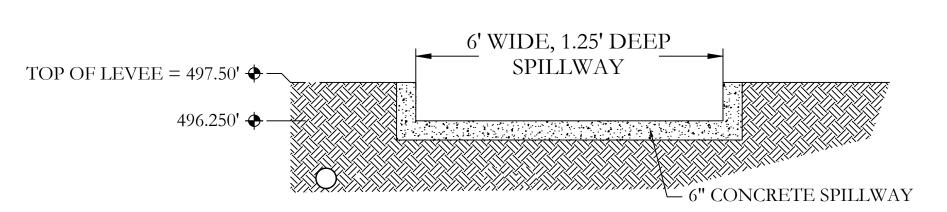
HILLTOP LANDING CIVIL SPECIFICATIONS A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS

DATE:	03/08/202	23 C.A.I	C.A.D. BY:			DRAWING NUMBER:		
REVISED:		СНЕ	CHECKED BY:		20	13/11		
SHEET:	C-5.0	SCAI	LE:	1' =	20"	20	-1 <i>3</i> 1 1	
500	018	14W	0	09	200	62	1762	





TOP OF LEVEE TOP OF LEVEE = 497.50' \diamondsuit NATURAL SLOPE GRASS 3:1 SLOPE 18" FL 495.0' OUTLET SECTION NTS



 $\frac{\text{SPILLWAY END VIEW}}{\text{NTS}}$

VICINITY MAP: PROJECT FL ELEV. 505.56' FL ELEV. 505.0' DETENTION PONDS ARE WET PONDS \$PILL WAY EARTHEN SLOPE NOTE: ALL EARTHEN DETENTION POND SLOPES ON BOTH THE INTERIOR AND EXTERIOR OF THE POND FL ELEV. 506.61' SHALL HAVE A MAXIMUM SLOPE OF 3:1. DETENTION POND-4 ALL DETENTION BASINS WILL BE REQUIRED TO BE STABILIZED WITH SOLID SOD STABILIZATION PER THE STORMWATER MANAGEMENT MANUAL. TOP OF LEVEE TOP OF LEVEE = $513.00' + \bigcirc$ NATURAL SLOPE GRASS 3:1 SLOPE 36" FL 508.0' 86 LF OF 36" RCP @ 3.79% 5' WIDE, 1' DEEP SPILLWAY TOP OF LEVEE = 513.0'

DETENTION POND -4

512.0' 💠 –

SPILLWAY END VIEW

DETENTION POND-3

DETENTION POND MAINTENANCE PLAN

The detention ponds are located on the perphery of the subdivision. They are designed to temporarily detain stormwater to meet water quantity criteria before discharging off the property.

The property owners association will maintain the drainage easements located in Tract "A" and Tract "D". Routine maintenance will include but not be limited to: -Mowing of the bank slopes and area around the pond on a monthly basis during the growing season and as needed during the

cooler months. -The outlet pipes from the ponds and other areas will be inspected monthly for debris which could inhibit the proper flow of

discharge. Any debris will be removed immediately and disposed of or placed in a location to prevent future maintenance and to not cause impact up or downstream of the structure.

-Trash will be removed from around the pond to prevent entering the pond. Generally, the site should be kept free of loose trash which could be carried off site by wind or rain.

-Inspect the pond and outlet pipe for non-routine maintenance need.

Periodic or Non-Routine Maintenance

The routine inspection of the pond areas and discharge pipes will identify needed repairs and non-routine maintenance. These items may include but not be limited to:

-Re-growth of trees on or around the pond bank. These should be cut and removed from the pond areas.

-Sediment from the site may accumulate in the pond bottom and reduce the pond to below design volume requirements. The pond should be excavated if the pond bottom elevation reached a level that allows excessive aquatic growth or reduces the pond efficiency such, that the sediments are passing the discharge structure and release off site.

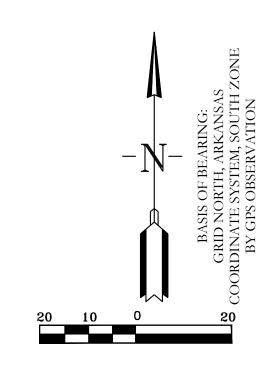
-Stabilization or re-grading of side slopes may be required periodically or after excessive rain events. Any disturbance of slopes should be reseeded or may require installation of erosion control materials until seeding can reestablish adequate grasses to prevent future erosion.

-Any other maintenance or repairs which would minimize other maintenance to the pond or outfall structures.



OUTLET SECTION







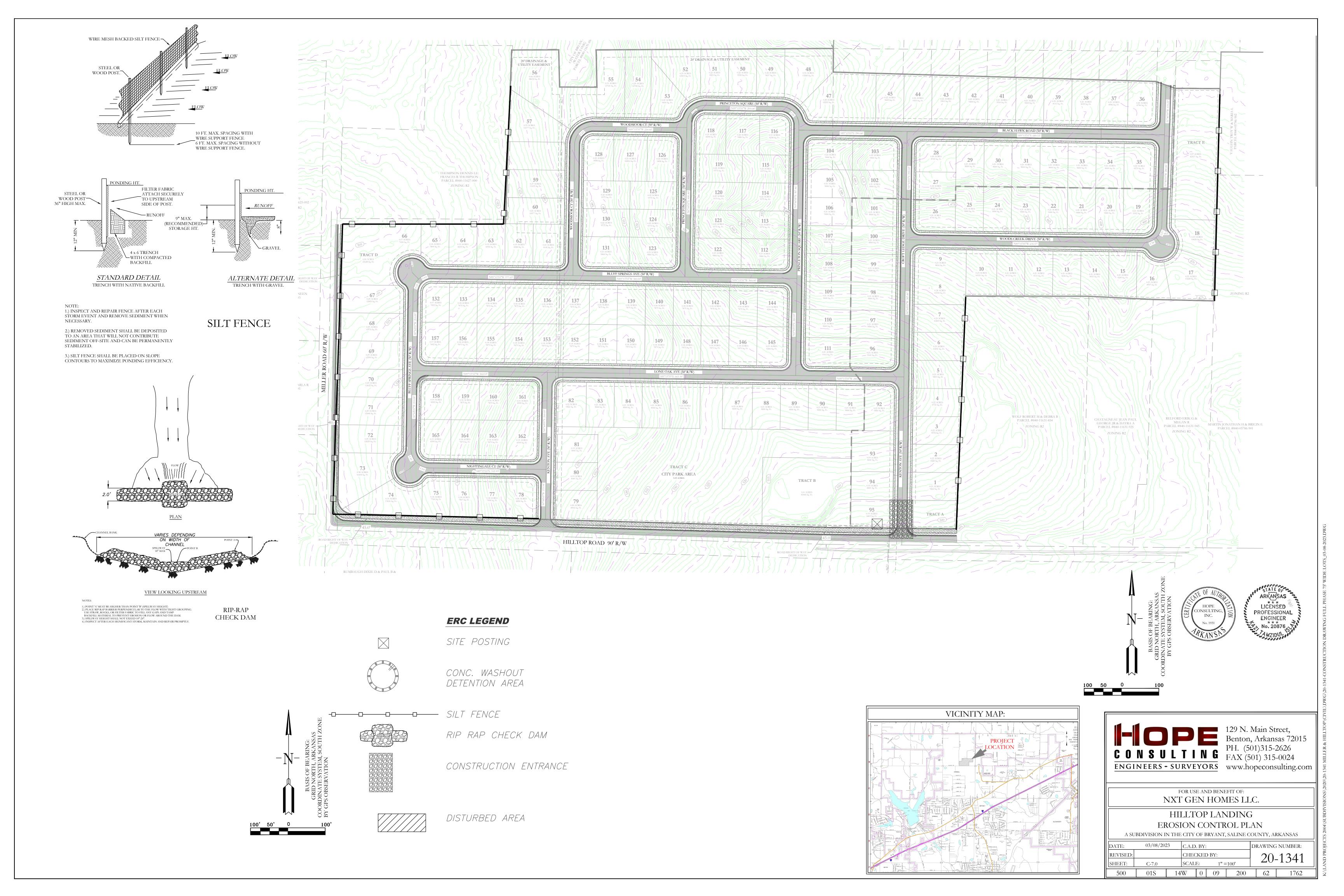
FOR USE AND BENEFIT OF: NXT GEN HOMES LLC.

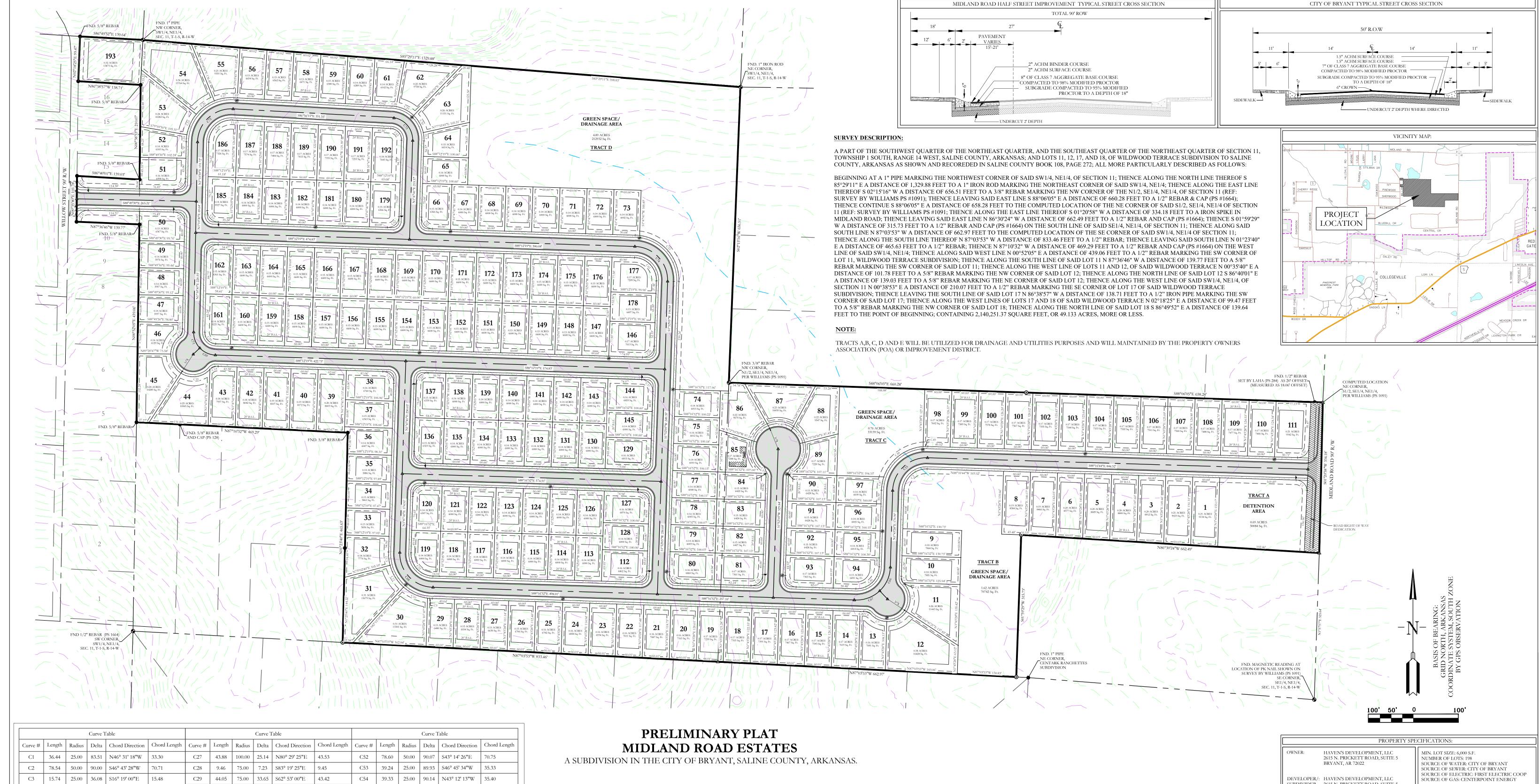
HILLTOP LANDING

DETENTION POND A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS

- 6" CONCRETE SPILLWAY

03/08/2023 C.A.D. BY: DRAWING NUMBER: REVISED: CHECKED BY: 20-1341 SHEET: 14W 0 09 200 62 1762 01S

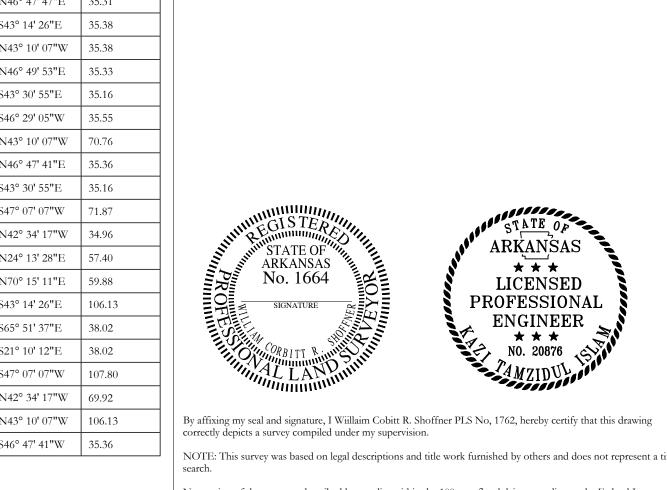




C4 3.29 25.00 7.54 S38° 07' 47"E 75.00 | 33.65 | S29° 13' 50"E | 43.42 C55 | 39.21 | 25.00 | 89.86 | N46° 47' 47"E | 35.31 C5 | 65.64 | 50.00 | 75.21 | S4° 17' 44"E 75.00 | 14.20 | S5° 18' 17"E C56 | 39.30 | 25.00 | 90.07 | \$43° 14' 26"E C57 | 39.30 | 25.00 | 90.07 | N43° 10' 07"W | 35.38 C6 | 50.98 | 50.00 | 58.41 | S62° 31' 03"W | 48.80 C32 | 39.27 | 25.00 | 90.00 | S43° 12' 19"E C7 | 38.12 | 50.00 | 43.68 | N66° 26' 09"W C33 | 147.27 | 100.00 | 84.38 | S40° 19' 16"E C58 | 39.24 | 25.00 | 89.93 | N46° 49' 53"E C8 | 19.06 | 25.00 | 43.68 | N66° 26' 09"W | 18.60 C34 | 39.33 | 25.00 | 90.14 | S43° 12' 13"E | 35.40 C59 | 39.00 | 25.00 | 89.38 | \$43° 30' 55"E C10 | 59.54 | 100.00 | 34.12 | N65° 16' 17"W | 58.67 C35 | 39.21 | 25.00 | 89.86 | N46° 47' 47"E | 35.31 C60 | 39.54 | 25.00 | 90.62 | \$46° 29' 05"W C36 | 0.94 | 25.00 | 2.15 | N0° 47' 36"E | 0.94 C11 | 57.73 | 100.00 | 33.08 | N31° 40' 27"W | 56.93 C61 | 78.60 | 50.00 | 90.07 | N43° 10' 07"W | 70.76 C37 | 20.09 | 25.00 | 46.04 | N23° 18' 05"W | 19.55 C62 | 39.27 | 25.00 | 90.00 | N46° 47' 41"E | 35.36 C12 | 29.55 | 100.00 | 16.93 | N6° 40' 12"W C38 | 55.98 | 50.00 | 64.14 | N14° 14' 58"W | 53.10 C13 | 39.27 | 25.00 | 90.00 | N43° 12' 19"W | 35.36 C63 | 39.00 | 25.00 | 89.38 | S43° 30' 55"E | 35.16 C14 19.69 25.00 45.13 S69° 13' 41"W 19.19 C39 | 43.73 | 50.00 | 50.11 | N42° 52' 47"E | 42.35 C64 | 80.19 | 50.00 | 91.89 | S47° 07' 07"W | 71.87 C15 | 117.81 | 75.00 | 90.00 | S46° 43' 28"W | 106.07 C40 | 50.36 | 50.00 | 57.71 | S83° 12' 24"E | 48.26 C65 | 38.72 | 25.00 | 88.73 | N42° 34' 17"W | 34.96 C16 | 69.10 | 50.00 | 79.18 | S83° 21' 33"W | 63.73 C41 | 35.14 | 50.00 | 40.26 | S34° 13' 06"E | 34.42 C66 | 58.90 | 75.00 | 45.00 | N24° 13' 28"E | 57.40 C17 | 50.36 | 50.00 | 57.70 | N28° 11' 54"W | 48.26 C42 | 55.98 | 50.00 | 64.14 | S17° 59' 09"W C67 | 61.60 | 75.00 | 47.06 | N70° 15' 11"E | 59.88 C43 | 19.96 | 25.00 | 45.75 | S27° 10' 54"W | 19.44 C68 | 117.90 | 75.00 | 90.07 | S43° 14' 26"E | 106.13 C18 | 42.37 | 50.00 | 48.55 | N24° 55' 38"E C44 | 1.06 | 25.00 | 2.44 | S3° 05' 13"W C69 | 39.00 | 50.00 | 44.69 | S65° 51' 37"E C19 | 20.96 | 25.00 | 48.03 | N25° 11' 17"E C20 39.27 25.00 90.00 N43° 49' 30"W 35.36 C45 | 39.33 | 25.00 | 90.14 | S43° 12' 13"E | 35.40 C71 | 39.00 | 50.00 | 44.69 | S21° 10' 12"E | 38.02 C46 | 78.54 | 50.00 | 90.00 | N46° 43' 28"E | 70.71 C72 | 120.28 | 75.00 | 91.89 | S47° 07' 07"W | 107.80 C21 | 39.40 | 25.00 | 90.29 | S46° 01' 44"W C22 | 39.02 | 25.00 | 89.42 | S44° 06' 55"E C47 | 30.06 | 100.00 | 17.22 | N10° 20' 12"E | 29.95 C73 77.43 50.00 88.73 N42° 34' 17"W 69.92 C48 | 116.52 | 100.00 | 66.76 | N52° 19' 49"E | 110.04 C74 | 117.91 | 75.00 | 90.07 | N43° 10' 07"W | 106.13 C23 39.27 25.00 90.00 N46° 10' 30"E C24 | 15.42 | 100.00 | 8.83 | N5° 35' 30"E C49 | 10.49 | 100.00 | 6.01 | N88° 43' 05"E | 10.49 C247 | 39.27 | 25.00 | 90.00 | S46° 47' 41"W | 35.36 C50 | 38.91 | 25.00 | 89.18 | N47° 08' 03"E | 35.10 C25 | 50.54 | 100.00 | 28.96 | N24° 29' 09"E | 50.00

C51 | 39.21 | 25.00 | 89.86 | N46° 47' 47"E | 35.31

C26 | 50.54 | 100.00 | 28.96 | N53° 26' 27"E | 50.00



ARKANŚAS * * * LICENSED PROFESS: ENGIN: * *

"STATE OF ARKANSAS

By affixing my seal and signature, I Wiillaim Cobitt R. Shoffner PLS No, 1762, hereby certify that this drawing correctly depicts a survey compiled under my supervision.

No portion of the property described hereon lies within the 100 year floodplain, according to the Federal Insurance Rate Map, panel #05125C0365e, Dated: 06/05/2020.

SIONAL \$	Date of Execution _
IEER .	
* 876	CERTIFICATE
ATT.	I, Corbitt R. Shoffne
10000	completed by me, or

OWNER:

Name: HAVEN'S DEVELOPMENT, LLC

BRYANT, AR 72022

CERTIFICATE OF OWNER:

with the within plat.

Source of Tile: 2021-009870

Address: 2615 N. PRICKETT ROAD, SUITE 5

E OF PRELIMINARY SURVEYING ACCURACY:

ner, hereby certify that this proposed preliminary plat correctly represents a survey _, 2023; that the boundary lines shown r under my supervision on ____ spond with the description in the deeds cited in the above Source Title; and that all monuments which were found or placed on the property are correctly described and located...

We, the undersigned, owners of the real estate shown and described herein do hereby certify that we have

laid off, platted and subdivided, and do hereby lay off, plat and subdivide said real estate in accordance

DEVELOPER:

HAVEN'S DEVELOPMENT, LLC

BRYANT, AR 72022

2615 N. PRICKETT ROAD, SUITE 5

Jonathan L. Hope Date of Execution Registered Professional Land Surveyor No. 1762 Arkansas

CERTIFICATE OF PRELIMINARY PLAT APPROVAL:

Regulations have been fully complied with.

Date of Execution

Date of Execution

CERTIFICATIONS:

All requirements of the City of Bryant Subdivision Rules and Regulations relative to the preparation and submittal of a Preliminary Plat having been fulfilled, approval of this plat is hereby granted, subject of further provisions of said Rules and Regulations.

CERTIFICATE OF PRELIMINARY ENGINEERING ACCURACY:

I, Kazi Tamzidul Islam, hereby certify that this plat correctly represents a survey and a plan made by me

and material are correctly shown; and that all requirements of the City of Bryant Subdivision Rules and

or under my supervision; that all monuments shown hereon actually exist and their location, size, type

Rick Johnson, Chairman Bryant Planning Commission

Kazi Tamzidual Islam

Registered Professional

Engineer, No. 20876 Arkansas

SUBDIVIDER 2615 N. PRICKETT ROAD, SUITE 5 BRYANT, AR 72022 ENGINEERS: HOPE CONSULTING INC.

BENTON, AR 72015 NAME OF SUBDIVISION: MIDLAND ROAD ESTATES

129 N. MAIN STREET

ZONING CLASSIFICATION: R-1S SOURCE OF TITLE: SALINE COUNTY DOCUMENT

STREET RIGHT OF WAYS: 50' OR AS SHOWN STREET WIDTH: 28' BOC TO BOC LOT CORNERS: SET 1/2" REBAR WITH CAP 129 N. Main Street, Benton, Arkansas 72015

EASEMENTS: UTILITY & DRAINAGE (D.E. & U.E.)

BUILDING SETBACKS: FRONT - 20' OR AS SHOWN

REAR - 20' OR AS SHOWN

FRONT - 10' OR AS SHOWN

REAR - 10' OR AS SHOWN

SIDE - 5' OR AS SHOWN

SIDE - 8' OR AS SHOWN

CONSULTING **ENGINEERS + SURVEYORS**

PH. (501)315-2626 FAX (501) 315-0024 www.hopeconsulting.com

FOR USE AND BENEFIT OF:

HAVEN'S DEVELOPMENT, LLC

PRELIMINARY PLAT MIDLAND ROAD ESTATES A SUBDIVISION IN THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS.

DATE:	03/08/2023	C.A.D. BY: B.JOHNSON	DRAWING NUMBER:
REVISED:		CHECKED BY:	22 0024
SHEET:		SCALE: 1" = 100'	23-0024
500		0	



March 6, 2022

Truett Smith City of Bryant 210 Southwest Third St., Bryant, AR 72022

RE: Request for Residential Subdivision Plat and CD Approval Parcel #: 001-03734-000, 001-03744-000, 370-00105-000, and 370-00106-000

Dear Mr. Truett Smith,

I represent Havens Development LLC, in the above-captioned development. This 50 acre piece of property is located adjacent to the City of Bryant. We are proposing a off site sewer main extension to the south to access to Bryant sewer. Salem Water Users is available on the east side of Midland Road for water. This development will be for single family neighborhood and be proposed into the R-1.S Zoning District. I am requesting a modification from the Walk Bike Drive Code to remove the east/west collector street through this property. Our client does not own the property on Midland or Wildwood where the maps shows the connection. Creekside Subdivision to the east also had this collector removed from their plat at this location.

It is our goal to be included on the April 10th, 2023 Planning Commission agenda.

Please feel free to contact me with any questions or concerns or if I can be of any further assistance.

Sincerely,

Jonathan Hope

Hope Consulting, Inc.



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:		Note: Electrical Permits may be Required, Please contact the Community Development Office for more information.				
Sign Co. or Sign Owner	Property Owner					
Name Action Signs	Name Wendy's					
Address 2700 John Harden Dr	Address 2206 N Reyr	olds Road				
City, State, Zip Jacksonville, AR 72076	City, State, Zip <u>Bryant</u>	, AR 72022				
Phone501.457.7391	Phone <u>501.229.9361</u>					
Email Address tim@actionsignandneon.com	Email Address <u>nsimps</u>	on@livecoteam.com				
GENERAL INFORMATION Name of Business Wendy's						
Address/Location of sign 2206 N Reynolds Road Bryant, AR 72022						
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.

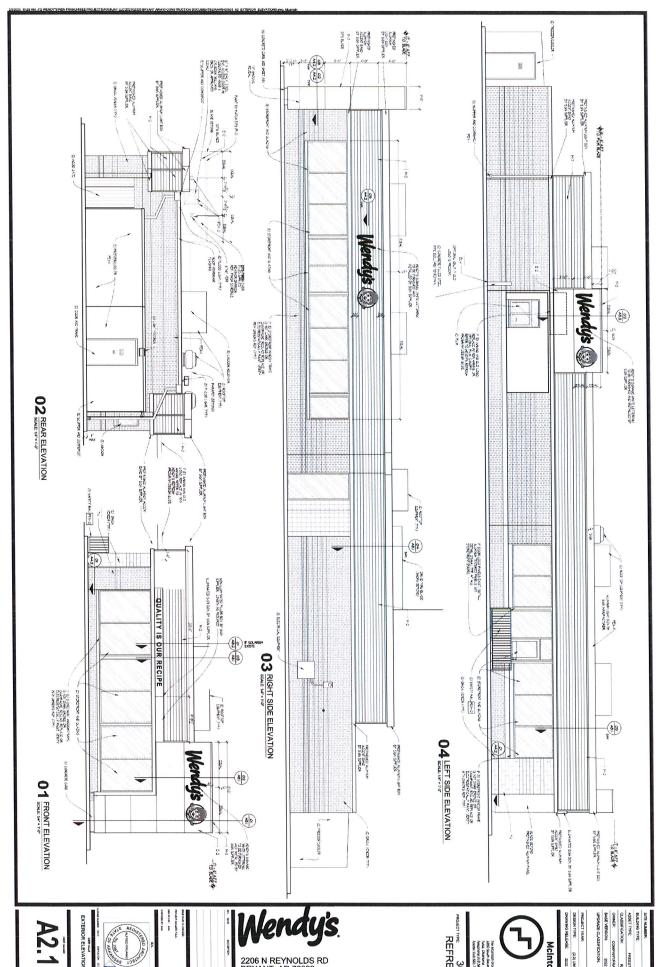
READ CAREFULLY BEFORE SIGNING

, 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

that no sign may be placed in public right of way. I understand that I must comply with all Building and Electrical Codes and that it is my responsibility to obtain all necessary permits.

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	
Α	Wall Sign (Left)	3'x11'	33'	16'	13	
В	Wall Sign (Right)	3'x11'	33'	13.5'	10.5'	
С	Wall Sign (Front)	3'x11'	33'	17'	14'	
Е	Wall Sign (Front)	9"x12'	9'	11'	10'	
F	Pole Sign Faces	16'x19'	304'			
G	Readerboard Pole Faces	5'x9'	45'			











SITE NAMEER

BULDING TYPE

ASSETT TYPE: FRESTN

CASSIFICATION: REESTN

COMER: COMMUNICATION

BASE VERSION: 2022 8 PROJECT YEAR:
DESIGN TYPE: (2.0) UM B
DRAWING RELEASE: 2022 S

Folder Name

L:\Service and Install\PICTURES\WENDYS - BRYANT\2.17.23

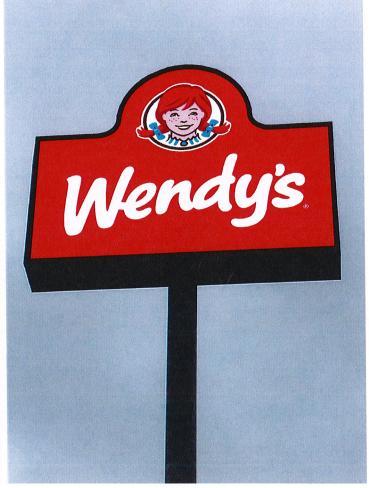
Designer

File Name

2206 N reynolds rd bryant AR 72022 quote 2.2.23.fs

Job Number





Description

ARTWORK IS PROPERTY OF ACTION SIGN & NEON AND SHALL NOT BE DUPLICATED OR COPIED IN ANY MANNER.



P. O. Box 188 Jacksonville, AR 72076 2700 John Harden Dr. Jacksonville, AR 72076 Ph 501-457-7391 Ph/Text 501-712-0012 Fax 501-457-7393 ARTWORK APPROVAL MUST BE MADE IN WRITING.
THIS CAN BE DONE BY A SIMPLE EMAIL, TEXT, OR FAX
WITH THE APPROVED ARTWORK ATTACHED.
PRODUCTION WILL NOT START OTHERWISE.

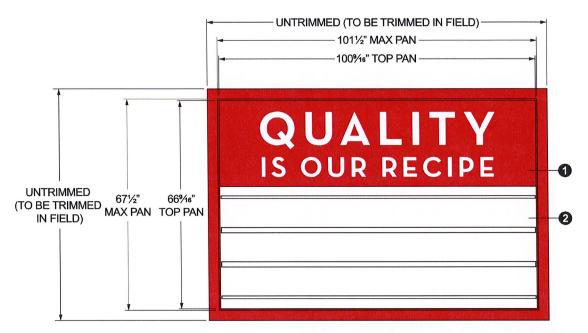
Customer Name Design Time Pricing
Phone Email Date
2/17/2023 Minutes

Page 1 Design Time Pricing
Design time is at a rate of \$60 per hour, in 15
minute increments. Your first 15 minutes is
FREE.

READER BOARD & FEATUREBOARD REPLACEMENT



6' x 9' NSS#: 81008512





MATERIALS & SPECS

- 13/4" deep pan formed 3/16" modified acrylic with 1/2" deep embossed copy
- 2 3 lines of 8" copy

- PMS 186c Background
- O White (letters)





rev 6/17



WHR 220 NSS#: 81007533



MATERIALS & SPECS -

Actual: 214 ft² | Nearest Rectangle: 280 ft²

1 Face - (2) translucent vinyl flex faces decorated first surface

- PMS 186c hair, freckles
- PMS 201c hair, outline
- PMS 698c face, neck
- PMS 299c bow, shirt, brooch
- PMS 439c outline
- White

National Sign Systems

4200 Lyman Court Hilliard Ohio, 43026 800.544.6726 614.850.2540 sales@natsignsys.com nationalsignsystems.com







rev 6/17



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

Cleonarde Coy of bryant. com

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: 2 15 23		Note: Electrical Permits may be Required, Please contact the Community Development Office for more information.
Sign Co. or Sign Owner	Property Owner	
Name A-evo Signs LLC	Name Pecan	TREE CO.
Address 3308 PIKE AVE	Address Z19 B	
City, State, Zip NLR, AK 72118	City, State, Zip Brya	nt, AR 72022
Phone 501-246-4952	Phone 501, 607	1.3188 / 501.847. 70.1
Email Address Sales@aero = signs.a	Email Addres. Judu	1 Mosala-Enterprises. 6
Name of Business Alliance Technology Address/Location of sign Z19 Brown	LICAL GOUP	t. AR 72022
Address/Location of sign 219 Drown	7.95	
Zoning Classification		
Please use following page to provide details on the provided on this application, a Site Plan showing plan property is required to be submitted. Renderings or required to be submitted with the application. A the collected at the time of permit issuance. According	f the sign(s) showing the irty-five dollar (\$35) per	correct dimensions is also sign payment will be

special sign permit request shall be one hundred dollars (\$100). Additional documentation may be required by Sign Administrator.

READ CAREFULLY BEFORE SIGNING 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

