CREEKSIDE SUBDIVISION
PHASE 2
BRYANT, ARKANSAS

Prepared by:

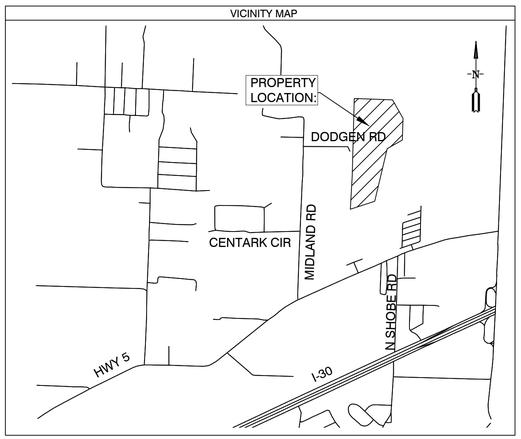
GarNat Engineering, LLC

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





ARKANSAS

1 PRELIMINARY PLAT OVERALL

2 PRELIMINARY PLAT SOUTH HALF

3 PRELIMINARY PLAT NORTH HALF

4 DRAINAGE PLAN

5 ROAD PROFILES

6 DRAINAGE PROFILES

7 OVER SEWER & WATER PLANS

8 OULLET STRUCTURE DETAILS

9. EROSION CONTROL PLAN

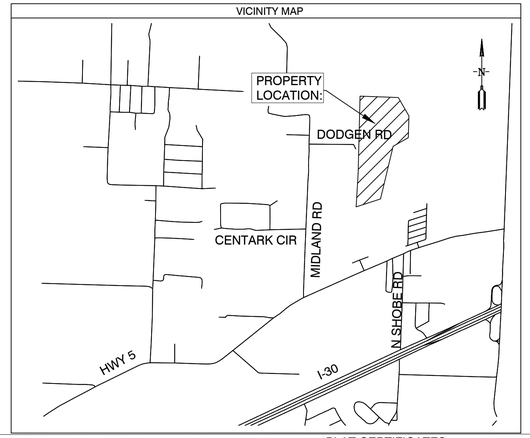




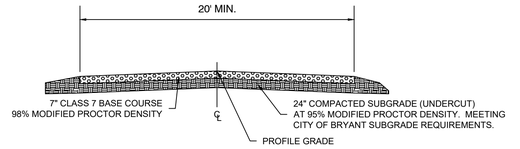
08-24-2022

PRELIMINARY PLAT
CREEKSIDE ADDITION PHASE 2
SALINE COUNTY, ARKANSAS

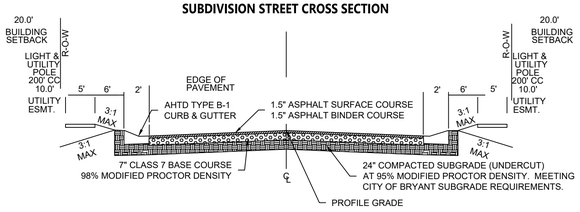
VICINITY MAP



EMERGENCY ACCESS ROAD SECTION



SUBDIVISION STREET CROSS SECTION



PLAT CERTIFICATES:

OWNER:

Name: Diamond Development II

Address: 1599 Lawson Oaks
Little Rock, AR 72210

DEVELOPER:

Name: Diamond Development II

Address: 1599 Lawson Oaks
Little Rock, AR 72210

CERTIFICATE OF OWNER:
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: _____ Signed: _____
DIAMOND DEVELOPEMENT II

Source of Title: SALINE COUNTY, ARKANSAS
Saline County Document# 2014-25641 & 2004-112595

CERTIFICATE OF PRELIMINARY ENGINEERING ACCURACY:

I, Vernon J. Williams, 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 locations, 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: _____ Signed: _____
Vernon J. Williams
Registered Professional Engineer
No. 9551, Arkansas

CERTIFICATE OF RECORDING:

CERTIFICATE OF PRELIMINARY SURVEYING ACCURACY:

I, George P. Wooden, hereby certify that this proposed preliminary plat correctly represents a boundary survey made by me or under my supervision on 6/07/2022; that the boundary lines shown hereon correspond with the description in the deeds cited in the above Source of Title; and that all monuments which were found or placed on the property are correctly described and located.

Date: _____ Signed: _____
George P. Wooden
Registered Land Surveyor
No. 1573, 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 to further provisions of said Rules and Regulations.

Date: _____ Signed: _____
Rick Johnson, Chairman
Bryant Planning Commission

PROPERTY SPECIFICATIONS:

ZONING CLASSIFICATION: R-1
MIN. LOT SIZE: 9982 S.F.
MAX. LOT SIZE: 24437 S.F.
NUMBER OF LOTS: 42
SOURCE OF WATER: SALEM WATER USERS ASSOCIATION PWA
SOURCE OF SEWER: CITY OF BRYANT

BUILDING SETBACKS:
FRONT - 20' OR AS SHOWN
REAR - 20' OR AS SHOWN
SIDE - 8' OR AS SHOWN

EASEMENTS: UTILITY & DRAINAGE (D.E. & U.E.)
FRONT - 10' OR AS SHOWN
BACK - 10' OR AS SHOWN
SIDE - 5' OR AS SHOWN
STREET RIGHT OF WAYS: 50' OR AS SHOWN
STREET WIDTH: 28' BOC TO BOC
LOT CORNERS: SET #4 REBAR WITH CAP

NOTE 1: ALL GRINDER PUMPS AND SEWER SERVICE LINES WILL BE PRIVATE.

100' 50' 0 100'

SURVEY PLAT CODE:
500-01S-14W-0-12-304-62-1573

SURVEY LEGEND
△ - Computed point
● - Found monument
⊙ - Set #4 RB/Plas. Cap
(M)-Measured
(R)-Record
(P)-Platted

Parcel Line Table		
Line #	Length	Direction
L1	26.63	S45° 37' 43"W
L2	67.59	S42° 51' 15"W
L3	69.25	S42° 51' 15"W
L4	61.55	S33° 56' 28"W
L5	74.18	S59° 11' 07"W
L6	85.44	S57° 05' 38"W
L7	45.43	S61° 02' 07"W
L8	20.44	S2° 04' 49"W
L9	75.92	S78° 58' 48"E
L10	68.17	S70° 19' 12"E
L11	82.17	S51° 58' 45"E
L12	43.85	S41° 47' 58"E
L13	44.83	S16° 41' 28"E
L14	59.73	S6° 28' 58"E
L15	61.47	S0° 55' 57"E
L16	67.51	S19° 41' 07"W
L17	118.71	S50° 16' 07"W
L18	136.69	S38° 51' 03"W
L19	100.82	S22° 07' 30"W
L20	37.28	S6° 12' 28"W

Parcel Line Table		
Line #	Length	Direction
L21	41.25	S21° 27' 38"E
L22	43.04	S21° 27' 38"E
L23	28.95	S0° 00' 17"W
L24	114.30	S34° 41' 56"W
L25	10.01	N89° 52' 05"W

Curve Table				
Curve #	Length	Radius	Chord Direction	Chord Length
C1	86.62	70.00	S78° 06' 51"E	81.20
C2	29.41	70.00	S62° 56' 29"W	29.19
C3	19.08	15.00	S38° 31' 41"W	17.82

PROPERTY DESCRIPTION:

PROPERTY DESCRIPTION:
PART OF THE EAST HALF OF THE NORTHWEST QUARTER ALL IN SECTION 12, TOWNSHIP 1 SOUTH, RANGE 14 WEST, SALINE COUNTY, ARKANSAS, DESCRIBED AS FOLLOWS:

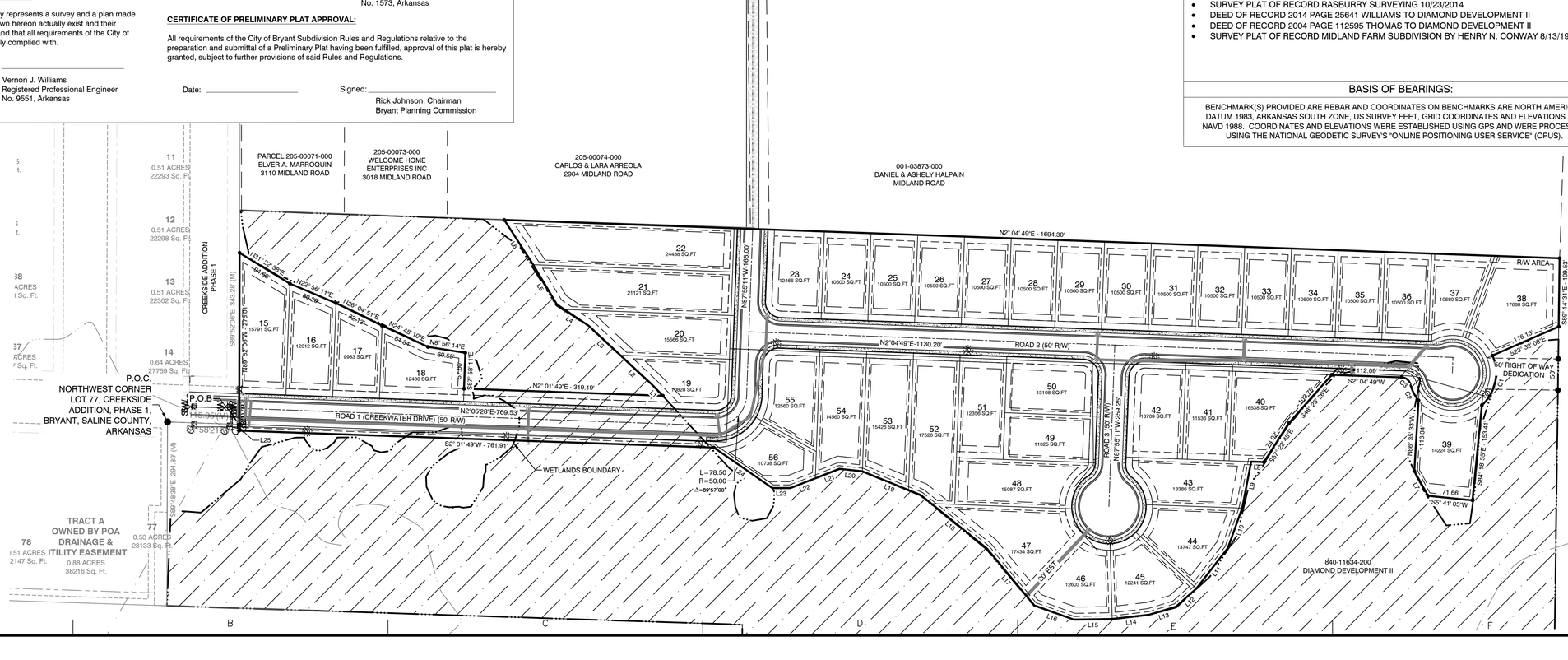
COMMENCING AT THE NORTHWEST CORNER OF LOT 77 OF THE CREEEK SIDE ADDITION, PHASE 1 TO THE CITY OF BRYANT, SALINE COUNTY, ARKANSAS AND RUN THENCE NORTH 1°58'21" EAST ALONG THE EAST LINE OF CREEKWATER DRIVE A DISTANCE OF 115.05 FEET TO THE POINT OF BEGINNING; THENCE NORTH 89°52'06" WEST ALONG THE NORTH LINE OF SAID CREEKSIDE ADDITION, PHASE 1, A DISTANCE OF 275.01 FEET; THENCE NORTH 31°22'58" EAST 94.60 FEET; NORTH 22°56'11" EAST 80.29 FEET; NORTH 26°04'51" EAST 82.13 FEET; NORTH 24°48'10" EAST 81.34 FEET; NORTH 8°56'14" EAST 60.55 FEET; SOUTH 87°58'11" EAST 57.60 FEET; NORTH 2°01'49" EAST 319.19 FEET; SOUTH 45°37'43" WEST 26.63 FEET; SOUTH 42°51'15" WEST 67.59 FEET; SOUTH 42°51'15" WEST 69.25 FEET; SOUTH 33°56'28" WEST 61.55 FEET; SOUTH 59°11'07" WEST 74.18 FEET; SOUTH 57°05'38" WEST 85.44 FEET TO A POINT ON THE WEST LINE OF SAID E ½ NW ¼ ; THENCE NORTH 2°04'49" EAST ALONG THE WEST LINE OF SAID E ½ NW ¼ A DISTANCE OF 1694.30 FEET TO THE NORTH WEST CORNER OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 12; THENCE SOUTH 89°14'31" EAST ALONG THE NORTH LINE OF SAID NE ¼ NW ¼ A DISTANCE OF 109.53 FEET; THENCE SOUTH 23°32'08" EAST 116.13 FEET TO THE START OF A CURVE TO THE LEFT THENCE 86.62 FEET ALONG THE ARC OF A CURVE HAVING A RADIUS 70.0', SAID CURVE HAVING A CHORD BEARING & DISTANCE OF SOUTH 78°06'51" EAST 81.20 FEET; THENCE SOUTH 84°18'55" EAST 153.41 FEET; SOUTH 5°41'05" WEST 71.66 FEET; SOUTH 61°02'07" WEST 45.43 FEET; NORTH 86°35'33" WEST 113.34 FEET TO THE START OF A CURVE TO THE LEFT; THENCE 29.41 FEET ALONG THE ARC OF A CURVE HAVING RADIUS OF 70.0', SAID CURVE HAVING A CHORD BEARING & DISTANCE OF SOUTH 62°56'29" WEST 29.19 FEET; THENCE ALONG THE ARC OF ANOTHER CURVE HAVING A RADIUS OF 15.00' TO THE LEFT A DISTANCE OF 19.08 FEET, SAID CURVE HAVING A CHORD BEARING AND DISTANCE OF SOUTH 38°31'41" WEST 17.82 FEET; THENCE SOUTH 2°04'49" WEST 112.09 FEET; THENCE SOUTH 48°25'26" EAST 103.75 FEET; SOUTH 57°22'48" EAST 74.02 FEET; SOUTH 2°04'49" WEST 20.44 FEET; SOUTH 78°58'48" EAST 75.92 FEET; SOUTH 70°19'12" EAST 68.17 FEET; SOUTH 51°58'45" EAST 82.17 FEET; SOUTH 41°47'58" EAST 43.85 FEET; SOUTH 16°41'28" EAST 44.83 FEET; SOUTH 6°28'58" EAST 59.73 FEET; SOUTH 0°55'57" EAST 61.47 FEET; SOUTH 19°41'07" WEST 67.51 FEET; SOUTH 50°16'07" WEST 118.71 FEET; SOUTH 38°51'03" WEST 136.69; SOUTH 22°07'30" WEST 100.82 FEET; SOUTH 6°12'28" WEST 37.28 FEET; SOUTH 21°27'38" EAST 41.25 FEET; SOUTH 21°27'38" EAST 43.04 FEET; SOUTH 0°00'17" WEST 28.95 FEET; SOUTH 34°41'56" WEST 114.30 FEET; SOUTH 2°01'49" WEST FOR 761.91 FEET; THENCE NORTH 89°52'05" WEST 10.01 FEET TO THE POINT OF BEGINNING, CONTAINING 16.17 ACRES MORE OR LESS.

DOCUMENTS USED:

- SURVEY PLAT OF RECORD RASBURRY SURVEYING 10/23/2014
- DEED OF RECORD 2014 PAGE 25641 WILLIAMS TO DIAMOND DEVELOPMENT II
- DEED OF RECORD 2004 PAGE 112595 THOMAS TO DIAMOND DEVELOPMENT II
- SURVEY PLAT OF RECORD MIDLAND FARM SUBDIVISION BY HENRY N. CONWAY 8/13/1951

BASIS OF BEARINGS:

BENCHMARK(S) PROVIDED ARE REBAR AND COORDINATES ON BENCHMARKS ARE NORTH AMERICAN DATUM 1983, ARKANSAS SOUTH ZONE, US SURVEY FEET, GRID COORDINATES AND ELEVATIONS ARE NAVD 1988. COORDINATES AND ELEVATIONS WERE ESTABLISHED USING GPS AND WERE PROCESSED USING THE NATIONAL GEODETIC SURVEY'S "ONLINE POSITIONING USER SERVICE" (OPUS).



GNE Designing our client's success
GarNat Engineering, LLC
P.O. Box 116 (72018)
3825 Mt. Carmel Road
Bryant, AR 72022
Ph (501) 408-4650
Fx (888) 900-3068
garnatengineering@gmail.com

BY	REVISION	DATE

CREEKSIDE ADDITION PHASE 2
PART OF THE EAST HALF OF THE NORTHWEST QUARTER SECTION 12, T-1-S, R-14-W, SALINE COUNTY, ARKANSAS

STATE OF ARKANSAS
Vernon J. Williams
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
VERNON J. WILLIAMS

08-24-2022

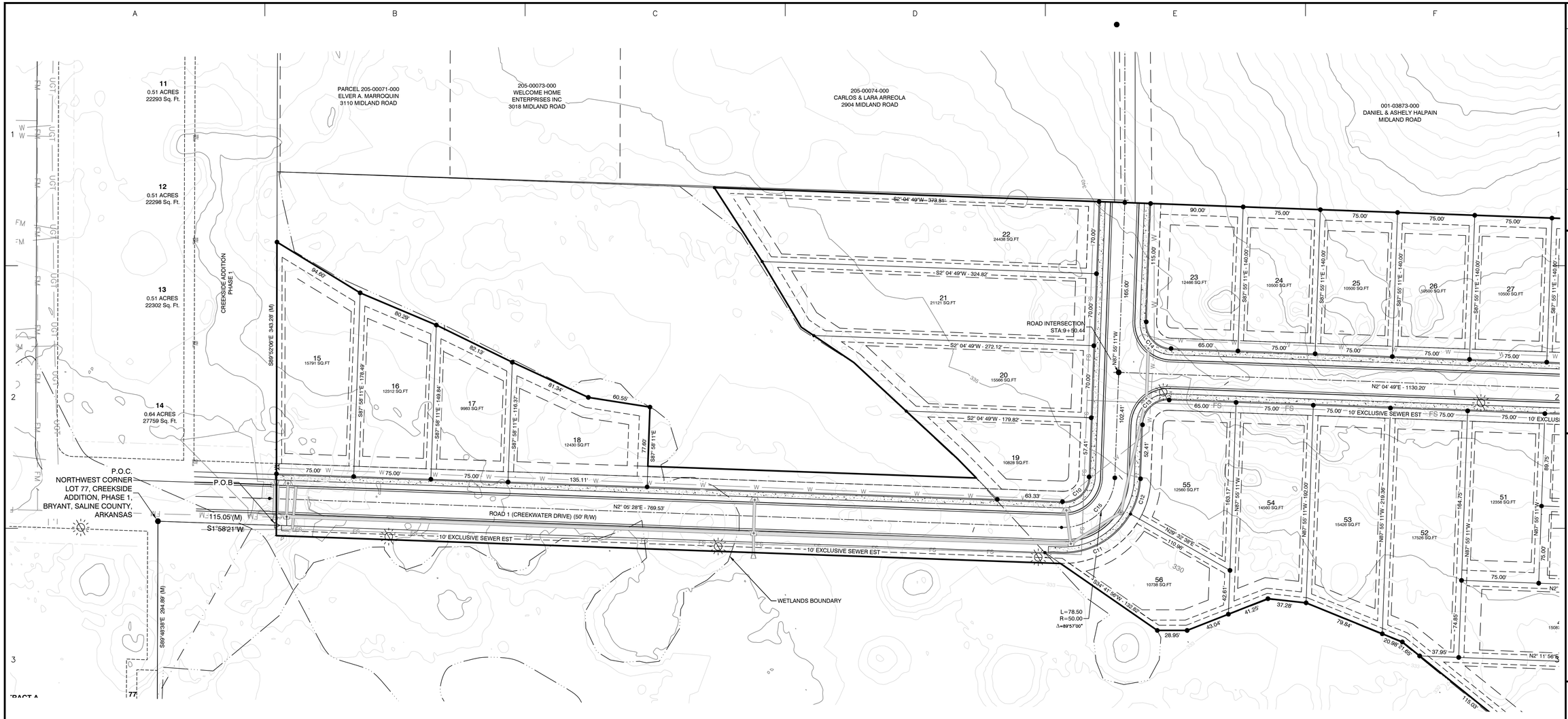
CONTENTS:
PRELIMINARY PLAT OVERALL

PROJECT NO: 18054

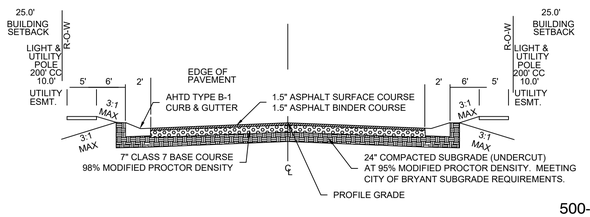
DATE: AUGUST 2022

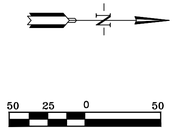
SHEET NO: 1

J:\Projects\2018 Projects\18054 Creekside Addition\Drawings\DWGs\18054 4-25-2024 Creekside Addition Phase 2 Re-dd 5-22-24 PRELIM UTILITY.dwg



SUBDIVISION STREET CROSS SECTION





SURVEY PLAT CODE:
500-01S-14W-0-12-304-62-1573

Curve Table

Curve #	Length	Radius	Chord Direction	Chord Length
C15	78.50	50.00	N42° 56' 41"W	70.68
C10	39.25	25.00	N42° 56' 41"W	35.34
C11	81.79	75.00	N29° 12' 46"W	77.80
C12	35.95	75.00	N74° 11' 16"W	35.61
C13	39.27	25.00	N42° 55' 11"W	35.36
C14	39.27	25.00	S47° 04' 49"W	35.36
C16	12.25	25.00	S11° 57' 22"E	12.13
C17	48.18	60.00	S2° 59' 15"E	46.90
C18	48.61	60.00	S43° 13' 31"W	47.29
C19	61.35	60.00	N84° 16' 23"W	58.71
C20	123.28	60.00	N3° 52' 51"E	102.71
C21	23.55	25.00	S60° 56' 08"E	22.69
C22	62.25	60.00	S63° 40' 33"E	347.14
C23	45.35	60.00	N64° 56' 44"E	344.85
C24	47.08	60.00	N20° 48' 40"E	45.88
C25	46.87	60.00	N24° 02' 55"W	45.69
C26	48.89	60.00	N69° 46' 22"W	47.55
C27	51.07	60.00	S62° 29' 51"W	49.54
C28	23.55	25.00	S65° 05' 46"W	22.69

PROPERTY SPECIFICATIONS:

ZONING CLASSIFICATION: R-1
MIN. LOT SIZE: 9982 S.F.
MAX. LOT SIZE: 24437 S.F.
NUMBER OF LOTS: 42
SOURCE OF WATER: SALEM WATER USERS ASSOCIATION PWA
SOURCE OF SEWER: CITY OF BRYANT

BUILDING SETBACKS:
FRONT - 20' OR AS SHOWN
REAR - 20' OR AS SHOWN
SIDE - 8' OR AS SHOWN

EASEMENTS: UTILITY & DRAINAGE (D.E. & U.E.)
FRONT - 10' OR AS SHOWN
BACK - 10' OR AS SHOWN
SIDE - 5' OR AS SHOWN
STREET RIGHT OF WAYS: 50' OR AS SHOWN
STREET WIDTH: 28' BOC TO BOC
LOT CORNERS: SET #4 REBAR WITH CAP

NOTE 1: ALL GRINDER PUMPS AND SEWER SERVICE LINES WILL BE PRIVATE.

SURVEY LEGEND
△ - Computed point
● - Found monument
⊙ - Set #4 RB/Plas. Cap
(M)-Measured
(R)-Record
(P)-Platted

BY	REVISION	DATE

GNE Designing our client's success

GarNat Engineering, LLC
P.O. Box 116 (72018)
3825 Mt. Carmel Road
Bryant, AR 72022
Ph (501) 408-4650
Fx (888) 900-3068
garnatengineering@gmail.com

CREEKSIDE ADDITION PHASE 2

PART OF THE EAST HALF OF
THE NORTHWEST QUARTER
SECTION 12, T-1-S, R-14-W,
SALINE COUNTY, ARKANSAS

STATE OF ARKANSAS
Vernon J. Williams
REGISTERED
PROFESSIONAL
ENGINEER
NO. 9551
VERNON J. WILLIAMS

08-24-2022

CONTENTS:
PRELIMINARY
PLAT
SOUTH HALF

PROJECT NO:
18054

DATE:
AUGUST 2022

SHEET NO:
2

J:\Projects\2018 Projects\18054 Creekside Addition\Drawings\SWDp\18054 DESIGN Creekside Addition Phase 2 Rev 031722-PRELIM UTILITY.dwg

MIDLAND ROAD

ROAD 2 (50' R/W)

ROAD 3 (50' R/W)

ROAD INTERSECTION
STA 9+87.30

START EXCLUSIVE EASEMENT

END EXCLUSIVE EASEMENT

10' EXCLUSIVE SEWER EST

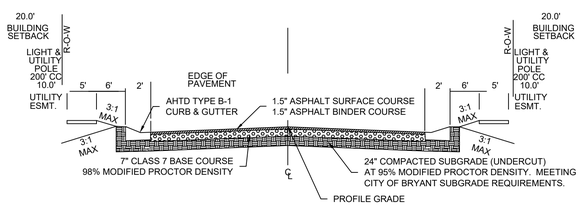
50' RIGHT OF WAY DEDICATION

001-03318-000
ROBERT J EARLE
REVOCABLE TRUST

840-11634-200
DIAMOND DEVELOPMENT II

Curve Table				
Curve #	Length	Radius	Chord Direction	Chord Length
C15	78.50	50.00	N42° 56' 41"W	70.68
C10	39.25	25.00	N42° 56' 41"W	35.34
C11	81.79	75.00	N29° 12' 46"W	77.80
C12	35.95	75.00	N74° 11' 16"W	35.61
C13	39.27	25.00	N42° 55' 11"W	35.36
C14	39.27	25.00	S47° 04' 49"W	35.36
C16	12.25	25.00	S11° 57' 22"E	12.13
C17	48.18	60.00	S2° 59' 15"E	46.90
C18	48.61	60.00	S43° 13' 31"W	47.29
C19	61.35	60.00	N84° 16' 23"W	58.71
C20	123.28	60.00	N3° 52' 51"E	102.71
C21	23.55	25.00	S60° 56' 08"E	22.69
C22	62.25	60.00	S63° 40' 33"E	347.14
C23	45.35	60.00	N64° 56' 44"E	344.85
C24	47.08	60.00	N20° 48' 40"E	45.88
C25	46.87	60.00	N24° 02' 55"W	45.69
C26	48.89	60.00	N69° 46' 22"W	47.55
C27	51.07	60.00	S62° 29' 51"W	49.54
C28	23.55	25.00	S65° 05' 46"W	22.69

SUBDIVISION STREET CROSS SECTION



50 25 0 50

SURVEY PLAT CODE:
500-01S-14W-0-12-304-62-1573

PROPERTY SPECIFICATIONS:
ZONING CLASSIFICATION: R-1 MIN. LOT SIZE: 9982 S.F. MAX. LOT SIZE: 24437 S.F. NUMBER OF LOTS: 42 SOURCE OF WATER: SALEM WATER USERS ASSOCIATION PWA SOURCE OF SEWER: CITY OF BRYANT BUILDING SETBACKS: FRONT - 20' OR AS SHOWN REAR - 20' OR AS SHOWN SIDE - 8' OR AS SHOWN EASEMENTS: UTILITY & DRAINAGE (D.E. & U.E.) FRONT - 10' OR AS SHOWN BACK - 10' OR AS SHOWN SIDE - 5' OR AS SHOWN STREET RIGHT OF WAYS: 50' OR AS SHOWN STREET WIDTH: 28' BOC TO BOC LOT CORNERS: SET #4 REBAR WITH CAP NOTE 1: ALL GRINDER PUMPS AND SEWER SERVICE LINES WILL BE PRIVATE.

BY	REVISION	DATE

GNE Designing our client's success

GarNat Engineering, LLC
P.O. Box 116 (72018)
3825 Mt. Carmel Road
Bryant, AR 72022
Ph (501) 408-4650
Fx (888) 900-3068
garnatengineering@gmail.com

CREEKSIDE ADDITION PHASE 2

PART OF THE EAST HALF OF THE NORTHWEST QUARTER SECTION 12, T-1-S, R-14-W, SALINE COUNTY, ARKANSAS

STATE OF ARKANSAS
Vernon J. Williams
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
VERNON J. WILLIAMS

08-24-2022

CONTENTS:
PRELIMINARY PLAT NORTH HALF

PROJECT NO:
18054

DATE:
AUGUST 2022

SHEET NO:
3

J:\Projects\2018 Projects\18054 Creekside Addition\Drawings\DWGs\18054 CEDDA Creekside Addition - Phase 2 Feb 03 7:22 PM EJM - UTILITY.dwg

PARCEL 205-00071-000
ELVER A. MARROQUIN
3110 MIDLAND ROAD

205-00073-000
WELCOME HOME
ENTERPRISES INC
3018 MIDLAND ROAD

205-00074-000
CARLOS & LARA ARREOLA
2904 MIDLAND ROAD

001-03873-000
DANIEL & ASHELY HALPAIN
MIDLAND ROAD

001-03318-000
ROBERT J EARLE
REVOCABLE TRUST

840-11634-200
DIAMOND DEVELOPMENT II

CREEKSIDE ADDITION
PHASE 1

ROAD INTERSECTION
STA:11+15.44

ROAD INTERSECTION
STA:9+50.44

ROAD INTERSECTION
STA:5+82.30

ROAD 1 (CREEKWATER DRIVE) (50' R/W)

ROAD 2 (50' R/W)

ROAD 3 (50' R/W)

N2°05'28"E-769.53

N2°04'49"E-1130.20'

N87°55'11"W-165.00'

N87°55'11"W-269.25'

L=78.50
R=50.00
Δ=89°57'00"

WETLANDS BOUNDARY

FES-3
ROAD STA:2+36.9
RIM:328.83
INV OUT:326.41-48" X 24"

FES-4
ROAD STA:2+64.5
RIM:328.42
INV IN:326.00-48" X 24"

CI-17 4' DIA ARDOT TYPE MO W_3'-6" WING
ROAD STA:0+17.5
RIM:330.90
INV OUT:326.04-18" RCP

CI-14 5' DIA ARDOT TYPE MO
ROAD STA:0+17.2
RIM:330.90
INV IN:326.58-24" ADS
INV IN:326.00-18" RCP

CI-13 5' DIA ARDOT TYPE MO & WEIR-3
ROAD STA:4+71.0
RIM:330.85
INV IN:326.22-30" ADS
INV IN:326.22-18" RCP
INV OUT:326.22-24" ADS
INV OUT:326.22-18" ADS

CI-16 4' DIA ARDOT TYPE MO
ROAD STA:4+70.8
RIM:330.85
INV OUT:326.26-18" RCP

CI-15 4' DIA ARDOT TYPE MO
ROAD STA:7+75.7
RIM:333.67
INV OUT:328.82-18" RCP

CI-12 5' DIA ARDOT TYPE MO
ROAD STA:7+76.7
RIM:333.76
INV IN:328.00-18" ADS
INV IN:328.00-18" RCP
INV OUT:326.40-30" ADS

CI-9 4' DIA ARDOT TYPE MO W_3'-6" WING
ROAD STA:9+75.0
RIM:338.09
INV OUT:333.59-18" RCP

CI-10 4' DIA ARDOT TYPE MO
ROAD STA:9+25.8
RIM:336.92
INV IN:332.36-18" RCP
INV OUT:332.36-18" ADS

JB-2 4'X4' ARDOT TYPE E
ROAD STA:8+21.5
RIM:334.01
INV IN:329.53-18" ADS
INV OUT:329.43-18" ADS

CI-1 4' DIA ARDOT TYPE MO
ROAD STA:5+59.5
RIM:340.32
INV IN:336.29-18" RCP

CI-2 4' DIA ARDOT TYPE MO
ROAD STA:5+58.7
RIM:340.26
INV IN:335.18-18" RCP
INV OUT:335.28-18" RCP

CI-3 5' DIA ARDOT TYPE MO
ROAD STA:6+16.0
RIM:339.18
INV IN:330.66-36" ADS
INV OUT:333.75-18" RCP

CI-4 5' DIA ARDOT TYPE MO
ROAD STA:7+95.0
RIM:335, JB-3 5'X5' ARDOT TYPE E & WEIR-1
INV IN:330.58-36" AD
INV OUT:330.58-36" AD
INV OUT:330.58-36" RC

CI-5 5' DIA ARDOT TYPE MO
ROAD STA:7+95.3
RIM:335.93
INV IN:330.59-36" RCP

CI-7 5' DIA ARDOT TYPE MO W_3'-6" WING
ROAD STA:10+86.7
RIM:334.92
INV OUT:330.56-30" RCP

CI-6 5' DIA ARDOT TYPE MO
ROAD STA:10+60.7
RIM:334.89
INV IN:330.54-36" ADS
INV IN:330.54-30" RCP

CI-8 5' DIA ARDOT TYPE MO
ROAD STA:0+00.0
RIM:335.67
INV OUT:330.08-30" ADS

FES-1
ROAD STA:???
RIM:331.79
INV IN:330.07-18" ADS

JB-1 5'X5' ARDOT TYPE E & WEIR-2
ROAD STA:1+42.7
RIM:333.71'
INV IN:330.00-30" ADS

49'-18" RCP @ 2.50%
454'-24" ADS @ -0.08%
32'-18" RCP @ 0.12%
26'-48" X 24" @ 1.50%
33'-18" RCP @ 2.50%
308'-30" ADS @ 0.06%
57'-18" ADS @ 2.50%
113'-18" ADS @ 2.50%
57'-18" RCP @ -2.50%
40'-18" RCP @ -2.50%
179'-36" ADS @ -0.05%
173'-36" ADS @ -0.05%
92'-36" ADS @ -0.05%
32'-36" RCP @ -0.05%
42'-30" RCP @ 0.05%
17'-18" ADS @ 2.50%
145'-30" ADS @ 0.06%

5	SQ.FT	
15	15791 SQ.FT	
18	14436 SQ.FT	
19	14224 SQ.FT	
20	15566 SQ.FT	
21	21121 SQ.FT	
22	24000 SQ.FT	
26	11500 SQ.FT	
27	10500 SQ.FT	
30	10500 SQ.FT	
31	10500 SQ.FT	
32	10500 SQ.FT	
33	10500 SQ.FT	
35	9600 SQ.FT	
36	9500 SQ.FT	
37	10680 SQ.FT	
39	14224 SQ.FT	
40	15680 SQ.FT	
41	13709 SQ.FT	
43	13388 SQ.FT	
44	13747 SQ.FT	
45	2241 SQ.FT	
46	12003 SQ.FT	
47	17434 SQ.FT	
48	15067 SQ.FT	
49	11028 SQ.FT	
51	12356 SQ.FT	
52	17928 SQ.FT	
53	15408 SQ.FT	

80 40 0 80

BY	DATE	REVISION

GNE Designing our client's success

GarNat Engineering, LLC
P.O. Box 116 (72018)
3825 Mt. Carmel Road
Bryant, AR 72022
Ph (501) 408-4650
Fx (888) 900-3068
garnatengineering@gmail.com

CREEKSIDE ADDITION PHASE 2

PART OF THE EAST HALF OF
THE NORTHWEST QUARTER
SECTION 12, T-1-S, R-14-W,
SALINE COUNTY, ARKANSAS

STATE OF ARKANSAS
Vernon Williams
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
VERNON J. WILLIAMS

08-10-2022

CONTENTS:

DRAINAGE PLAN

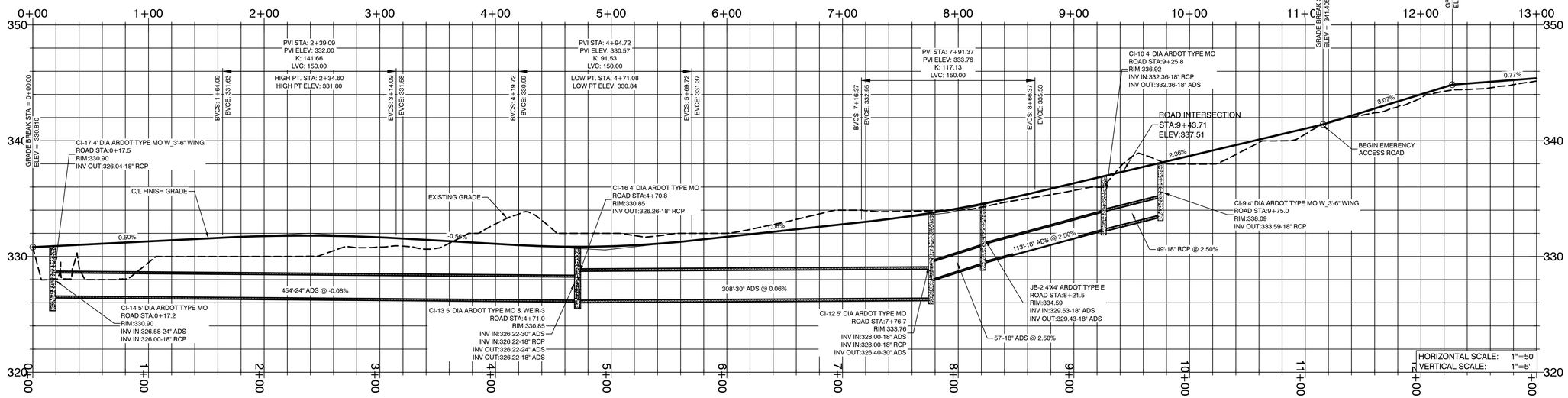
PROJECT NO:
18054

DATE:
JULY 2022

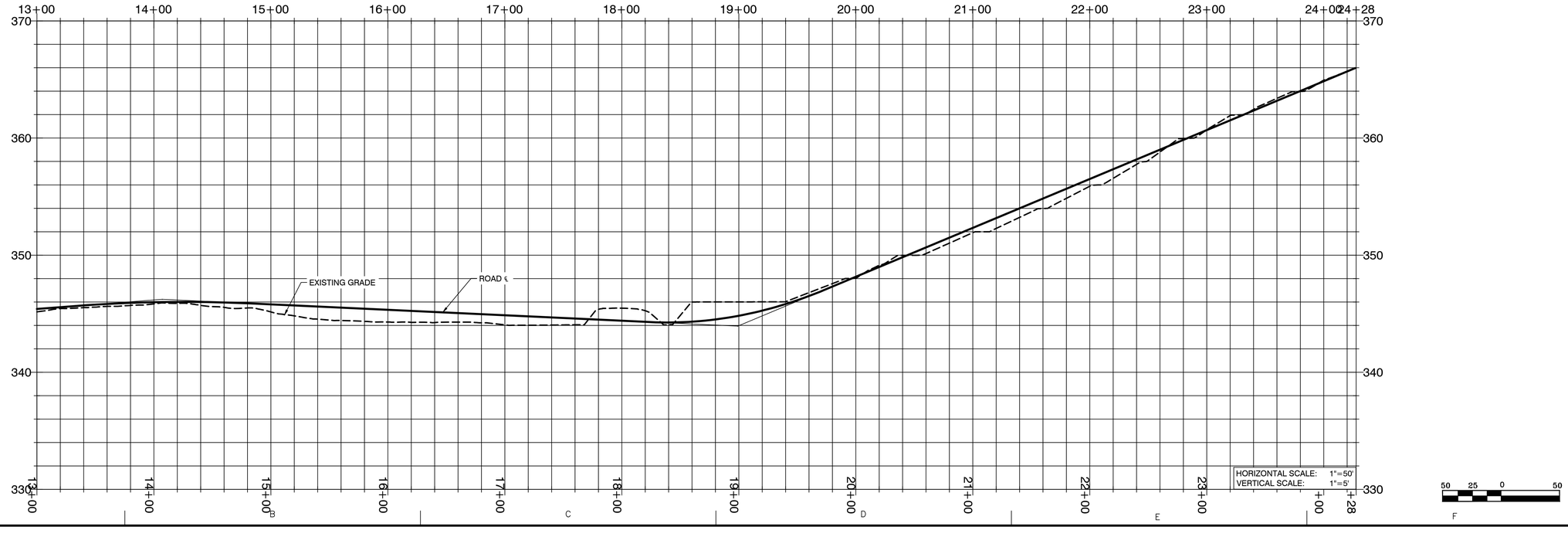
SHEET NO:
4

J:\Projects\2018 Projects\18054 Creekside Addition\Drawings\SWDp\Dsn18054-DESIGN-Creekside Addition Phase 2-R4-031722-PRELIMUTILITY.dwg

ROAD 1 PROFILE



ROAD 1 PROFILE



BY	DATE	REVISION

GNE Designing our client's success

GarNat Engineering, LLC
P.O. Box 116 (72018)
3825 Mt. Carmel Road
Bryant, AR 72022
Ph (501) 408-4650
Fx (888) 900-3068
garnatengineering@gmail.com

CREEKSIDE ADDITION PHASE 2

PART OF THE EAST HALF OF THE NORHTWEST QUARTER SECTION 12, T-1-S, R-14-W, SALINE COUNTY, ARKANSAS

STATE OF ARKANSAS
Vernon J. Williams
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
VERNON J. WILLIAMS

08-10-2022

CONTENTS:

ROAD PROFILES

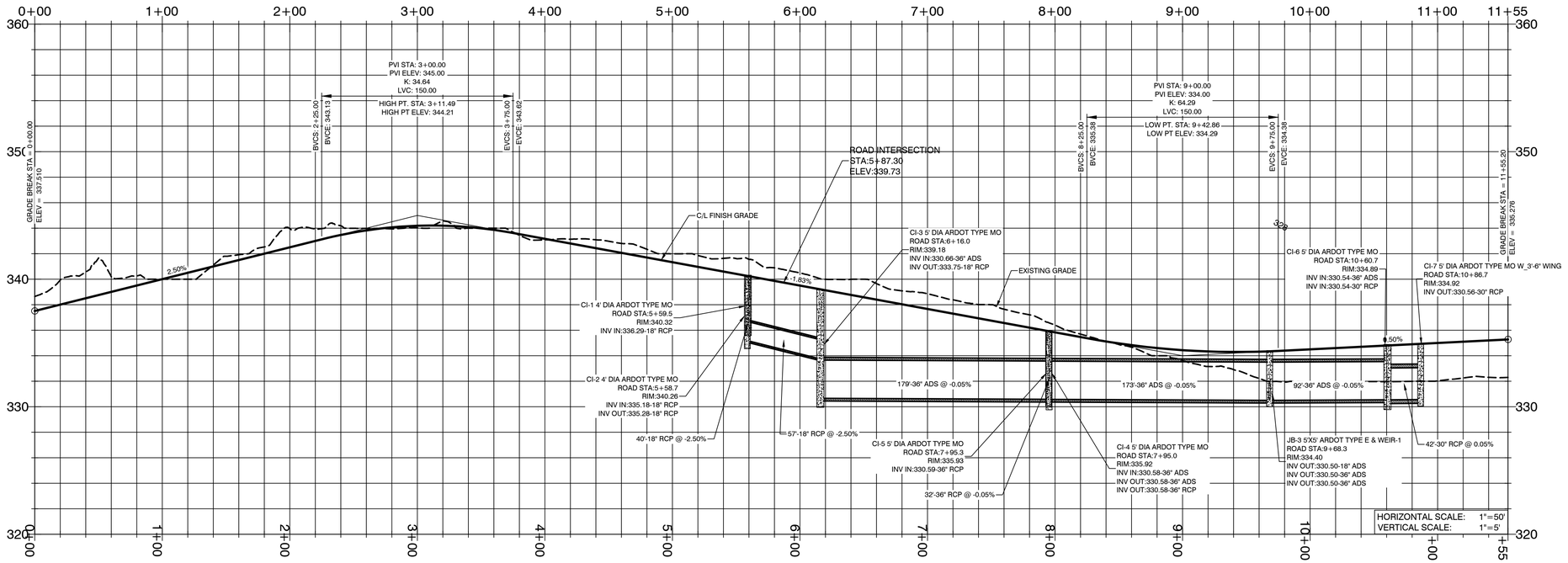
PROJECT NO: 18054

DATE: JULY 2022

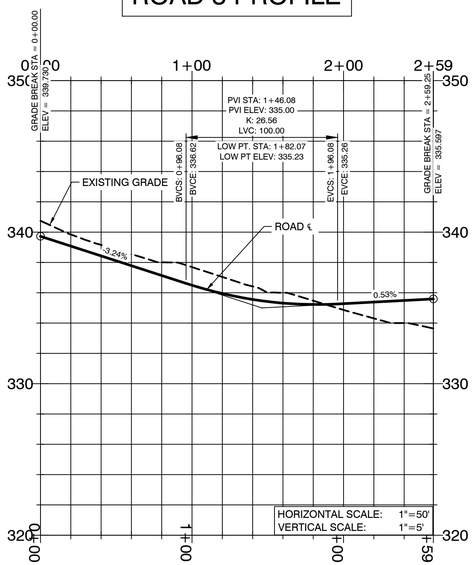
SHEET NO: 5

J:\Projects\2018 Projects\18054 Creekside Addition\Drawings\DWGs\Civil\18054 DESIGN Creekside Addition Phase 2 R4-031720-PRELIM UTILITY.dwg

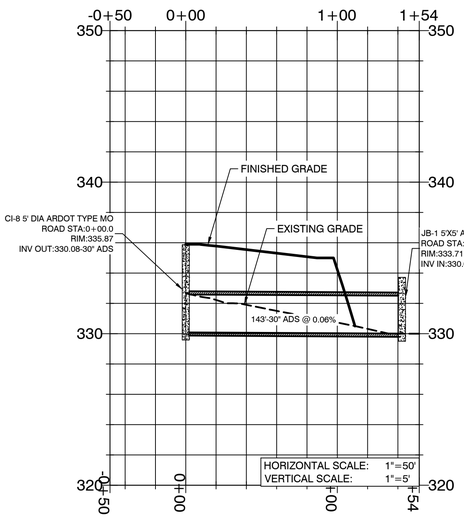
ROAD 2 PROFILE



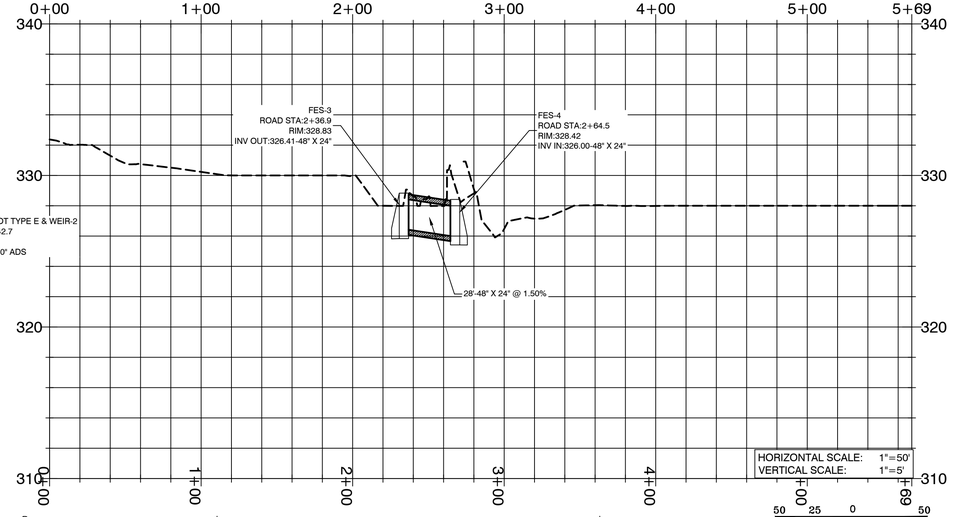
ROAD 3 PROFILE



EAST DETENTION PROFILE



DITCH CULVERT PROFILE



DATE	REVISION	BY

GNE Designing our client's success

GarNat Engineering, LLC
P.O. Box 116 (72018)
3825 Mt. Carmel Road
Bryant, AR 72022
Ph (501) 408-4650
Fx (888) 900-3068
garnatengineering@gmail.com

CREEKSIDE ADDITION PHASE 2

PART OF THE EAST HALF OF
THE NORTHWEST QUARTER
SECTION 12, T-1-S, R-14-W,
SALINE COUNTY, ARKANSAS

STATE OF ARKANSAS
Vernon J. Williams
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
VERNON J. WILLIAMS

08-10-2022

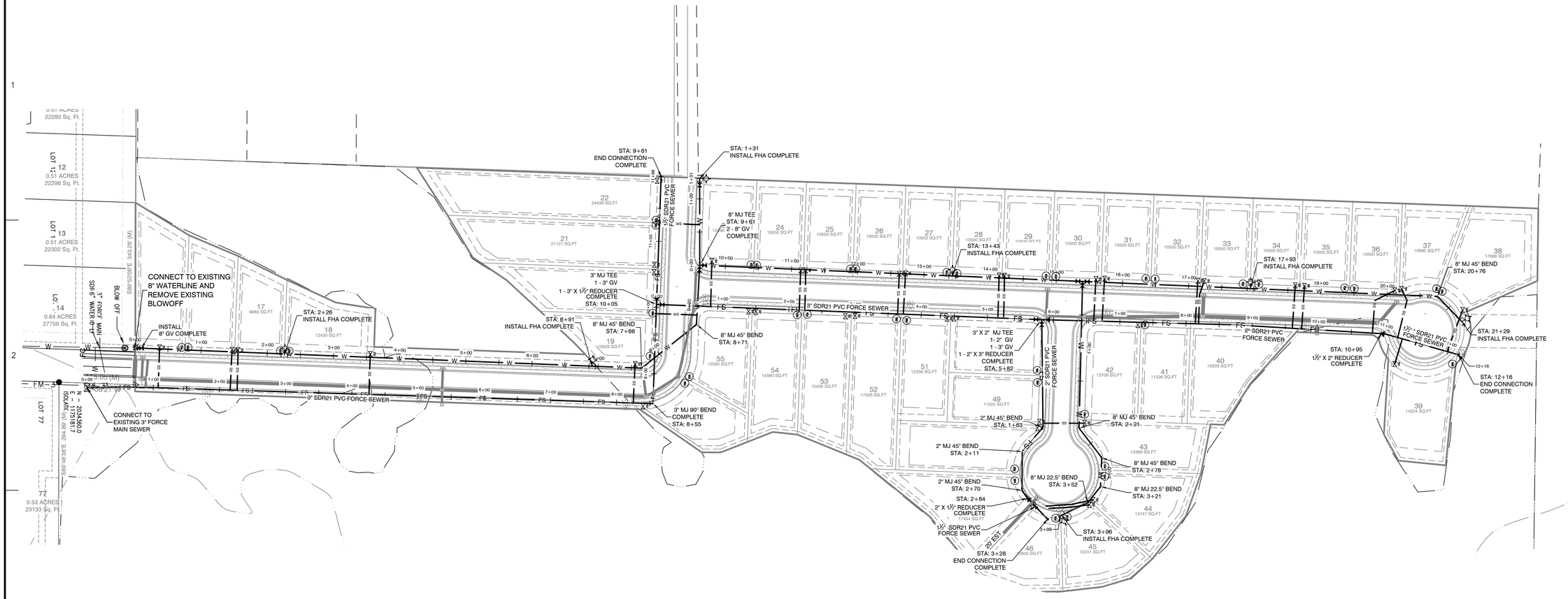
CONTENTS:
DRAINAGE PROFILES

PROJECT NO:
18054

DATE:
JULY 2022

SHEET NO:
6

J:\Projects\2018 Projects\18054 Creekside Addition\Drawings\DWGs\Civil\18054 EBSWA Creekside Addition Phase 2 R4-031722-PRELIM-UTILITY.dwg



SITE LEGEND:

- FIRE HYDRANT (FHA)
- WATER VALVE
- STORM MANHOLE
- LIGHT POLE
- WATER METER
- SEWER SERVICE CONNECTION
- W — PROPOSED WATER MAIN
- FS — PROPOSED FORCE SEWER MAIN
- SS — SEWER SERVICE CONNECTION
- WS — WATER SERVICE CONNECTION

PROPERTY SPECIFICATIONS:

ZONING CLASSIFICATION: R-1
MIN. LOT SIZE: 9982 S.F.
MAX. LOT SIZE: 24437 S.F.
NUMBER OF LOTS: 42
SOURCE OF WATER: SALEM WATER USERS ASSOCIATION PWA
SOURCE OF SEWER: CITY OF BRYANT

BUILDING SETBACKS:
FRONT - 20' OR AS SHOWN
REAR - 20' OR AS SHOWN
SIDE - 8' OR AS SHOWN

EASEMENTS: UTILITY & DRAINAGE (D.E. & U.E.)
FRONT - 10' OR AS SHOWN
BACK - 10' OR AS SHOWN
SIDE - 5' OR AS SHOWN
STREET RIGHT OF WAYS: 50' OR AS SHOWN
STREET WIDTH: 28' BOC TO BOC
LOT CORNERS: SET #4 REBAR WITH CAP

80 40 0 80

SURVEY LEGEND

- ⚠ - Computed point
- ● - Found monument
- ⊙ - Set #4 RB/Plas. Cap
- (M)-Measured
- (R)-Record
- (P)-Platted

NOTES:

1. BURIED UTILITIES ARE LOCATED AT THE SITE. CONTACT ARKANSAS ONE CALL & WHERE APPROPRIATE THE UTILITY COMPANIES PRIOR TO DIGGING.
2. ALL UNRESTRAINED WATER LINE FITTINGS SHALL BE INSTALLED WITH A CONCRETE THRUST BLOCK FOR JOINT RESTRAINT.
3. WORK ON EXISTING ROADS SHALL INCLUDE WARNING SIGNS & BARRICADES IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE, COUNTY, OR CITY HAVING JURISDICTION. OTHER SIGNS & DEVICES, SUCH AS PLATING, SHALL BE PLACED AS REQUIRED TO ADEQUATELY PROTECT THE PUBLIC.
4. ALL WATER UTILITY WORK SHALL COMPLY WITH SALEM WATER USERS SPECIFICATIONS & DETAILS AND THE ARKANSAS PLUMBING CODE.
5. ALL SEWER LINE CONSTRUCTION SHALL COMPLY WITH CITY OF BRYANT STANDARD SPECIFICATIONS & DETAILS AND THE ARKANSAS PLUMBING CODE. FOR A COPY SEE THE WEBSITE https://www.cityofbryant.com/DocumentCenter/View/1161/Bryant-Specs-2015-FINAL-Rev?bidId=
6. ALL GRINDER PUMPS AND SEWER SERVICE LINES TO REMAIN PRIVATE.

DATE	REVISION	BY

GNE Designing our client's success
GarNat Engineering, LLC
P.O. Box 116 (72018)
3825 Mt. Carmel Road
Bryant, AR 72022
Ph (501) 408-4650
Fx (888) 900-3068
garnatengineering@gmail.com

CREEKSIDE ADDITION PHASE 2

PART OF THE EAST HALF OF THE NORTHWEST QUARTER SECTION 12, T-1-S, R-14-W, SALINE COUNTY, ARKANSAS

STATE OF ARKANSAS
Vernon J. Williams
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
VERNON J. WILLIAMS

08-24-2022

CONTENTS:

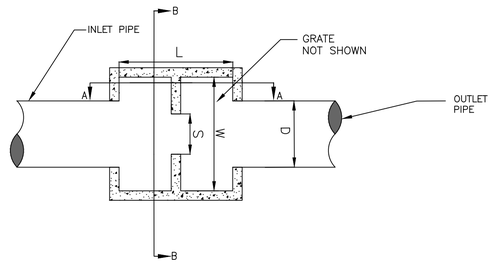
WATER & SEWER UTILITY PLAN

PROJECT NO: 18054

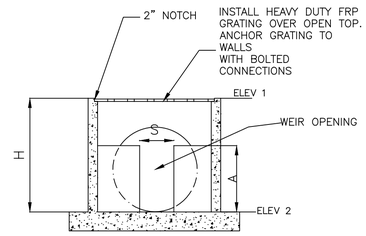
DATE: AUGUST 2022

SHEET NO: 7

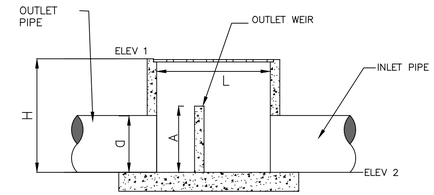
J:\Projects\2018 Projects\18054 Creekside Addition\Drawings\DWGs\18054 CESIGN-Creekside Addition-Phase-2-TM-01122-PRELIM-UTILITY.dwg



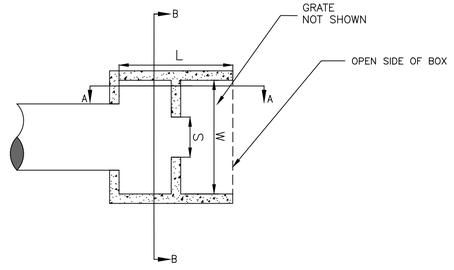
OUTLET STRUCTURE - WEIR 1 AND 3
PLAN VIEW
NOT TO SCALE



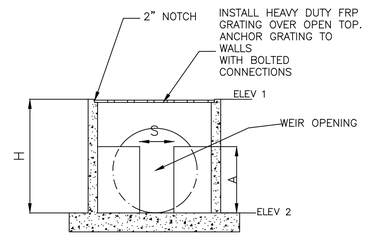
OUTLET STRUCTURE - WEIR 1 AND 3
SECTION B-B
NOT TO SCALE



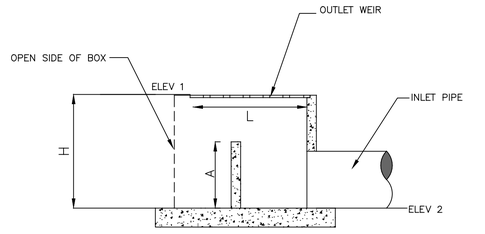
OUTLET STRUCTURE - WEIR 1 AND 3
SECTION A-A
NOT TO SCALE



OUTLET STRUCTURE - WEIR 2
PLAN VIEW
NOT TO SCALE



OUTLET STRUCTURE - WEIR 2
SECTION B-B
NOT TO SCALE



OUTLET STRUCTURE - WEIR 2
SECTION A-A
NOT TO SCALE

OUTLET STRUCTURE								
OUTLET STRUCTURE	L	W	H	ELEV 1	ELEV 2	S	A	D
WEIR #1	4'-0"	4'-0"	3'-11"	334.40	330.50	1'-3"	3'-0"	18"
WEIR #2	4'-0"	4'-0"	3'-9"	333.71	330.00	0'-3"	2'-6"	
WEIR #3	4'-0"	4'-0"	4'-8"	330.85	326.22	1'-6"	2'-6"	18"

DETENTION OUTLET NOTES:

1. ALL CONCRETE WALLS SHALL BE A MINIMUM OF 6" THICK & REINFORCED WITH #4'S @ 12" O.C. BOTH WAYS.
2. BOTTOM SLAB SHALL BE 12" THICK & REINFORCED WITH #4'S @ 12" O.C. BOTH WAYS.

BY	REVISION	DATE

GNE Designing our client's success
GarNat Engineering, LLC
P.O. Box 116
Benton, AR 72018
3825 Mt Carmel Rd
Bryant, AR 72022
Ph (501) 408-4650
garnatengineering@gmail.com

CREEKSIDE ADDITION PHASE 2

PART OF THE EAST HALF OF THE NORTHWEST QUARTER SECTION 12, T-1-S, R-14-W, SALINE COUNTY, ARKANSAS

STATE OF ARKANSAS
Vernon J. Williams
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
VERNON J. WILLIAMS

08-10-2022

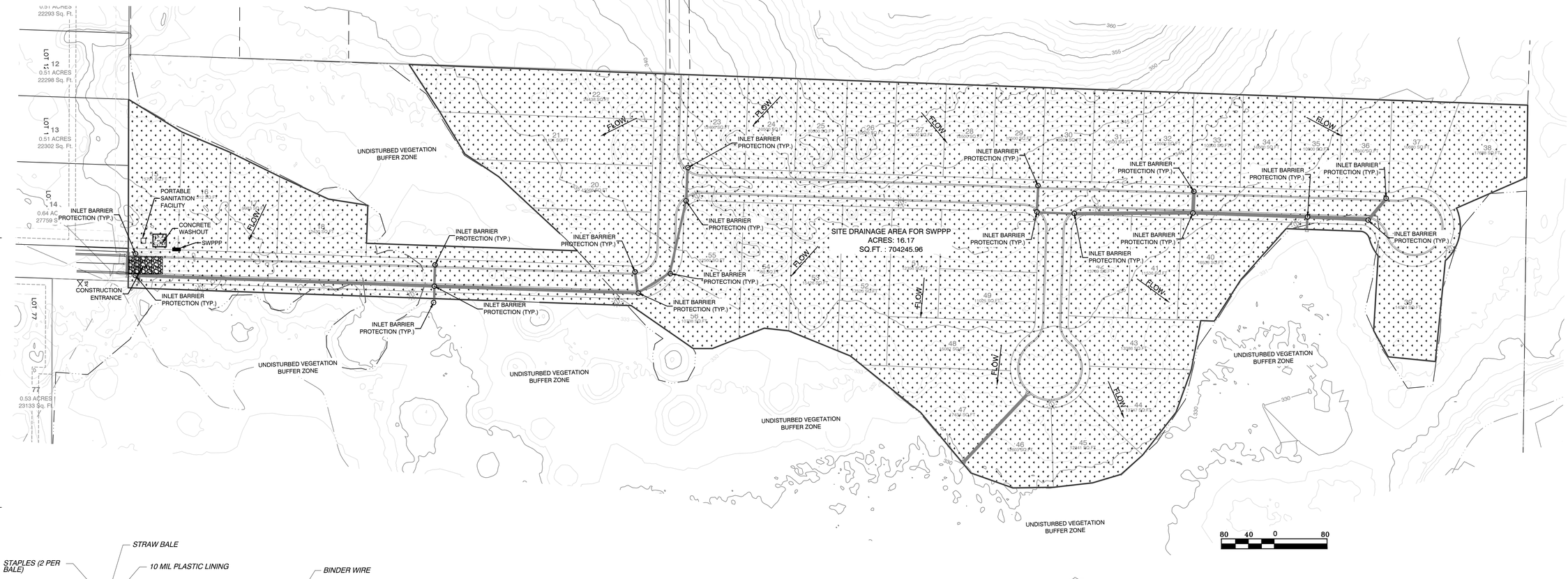
CONTENTS:
OUTLET STRUCTURE DETAILS

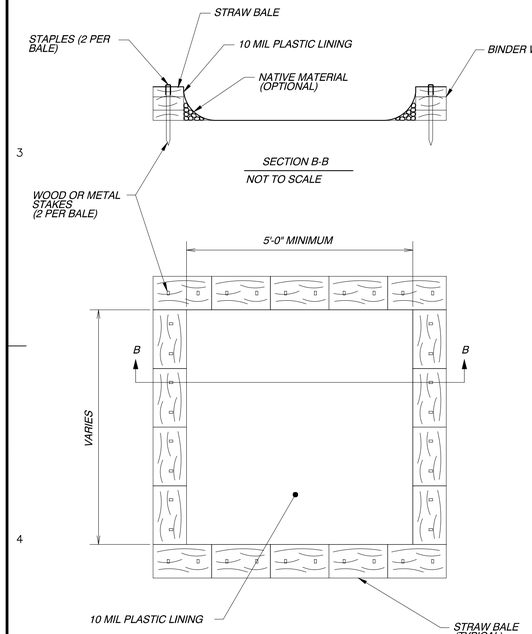
PROJECT NO: 18054

DATE: AUGUST 2022

SHEET NO: 8

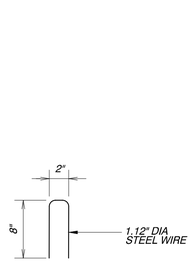
A:\Projects\2018 Projects\18054 Creekside Addition\Drawings\CAD\Outlet Weir Details.dwg



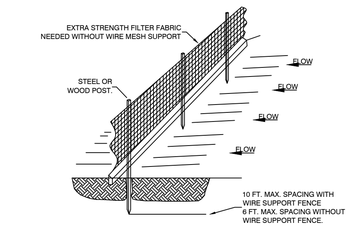


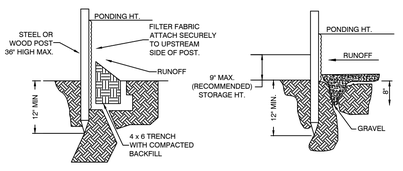
SECTION B-B
NOT TO SCALE

CONCRETE WASHOUT
NOT TO SCALE



STAPLE DETAIL





STANDARD DETAIL
TRENCH WITH NATIVE BACKFILL

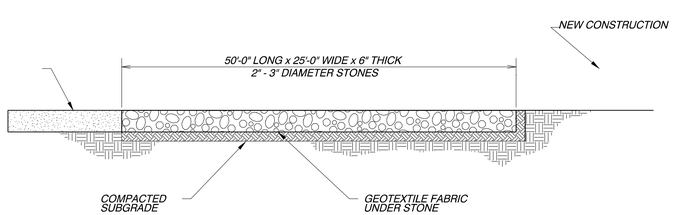
ALTERNATE DETAIL
TRENCH WITH GRAVEL

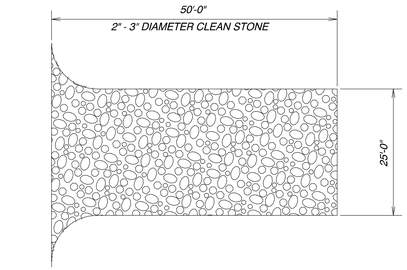
NOTE:
1.) INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.

2.) REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

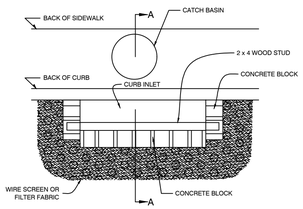
3.) SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SILT FENCE

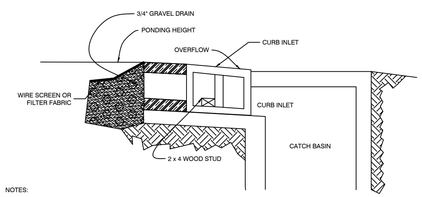




CONSTRUCTION ENTRANCE
NOT TO SCALE



PLAN VIEW



NOTES:

1.) USE BLOCK AND GRAVEL TYPE SEDIMENT BARRIER WHEN CURB INLET IS LOCATED IN GENTLY SLOPING STREET SEGMENT, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.

2.) BARRIER SHALL ALLOW FOR OVERFLOW FROM SEVERE STORM EVENT.

3.) INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

SECTION A - A

CURB INLET
SEDIMENT BARRIER

BY	REVISION	DATE

GNE Designing our client's success

GarNat Engineering, LLC
P.O. Box 116 (72018)
3825 Mt. Carmel Road
Bryant, AR 72022
Ph (501) 408-4650
Fx (888) 900-3068
garnatengineering@gmail.com

CREEKSIDE ADDITION PHASE 2

PART OF THE EAST HALF OF THE NORTHWEST QUARTER SECTION 12, T-1-S, R-14-W, SALINE COUNTY, ARKANSAS

STATE OF ARKANSAS
Vernon J. Williams
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
VERNON J. WILLIAMS

08-24-2022

CONTENTS:
EROSION CONTROL PLAN

PROJECT NO:
18054

DATE:
AUGUST 2022

SHEET NO:
9

J:\Projects\2018 Projects\18054 Creekside Addition\Drawings\SWS\sr18054 DESIGN-Creekside Addition Phase 2 Rev 031723 PRELIM UTILITY.dwg