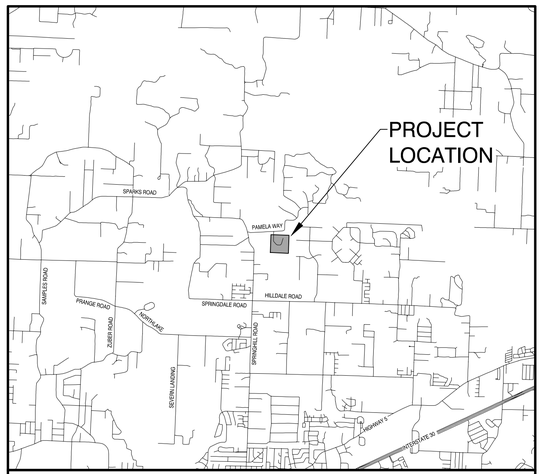
CONSTRUCTION PLANS FOR

GRACE VILLAGE SUBDIVISION - PHASE 3
CITY OF BRYANT,
SALINE COUNTY, ARKANSAS

REVISED AS CONSTRUCTED 7/20/22



VICINITY MAP - SALINE COUNTY, AR



Prepared by:

GarNat Engineering, LLC

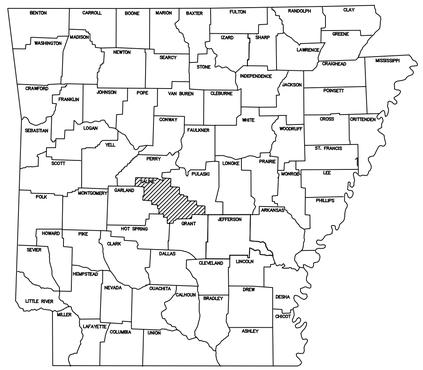
Designing our client's success

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

RECORD DRAWING



ARKANSAS

DRAWING INDEX:

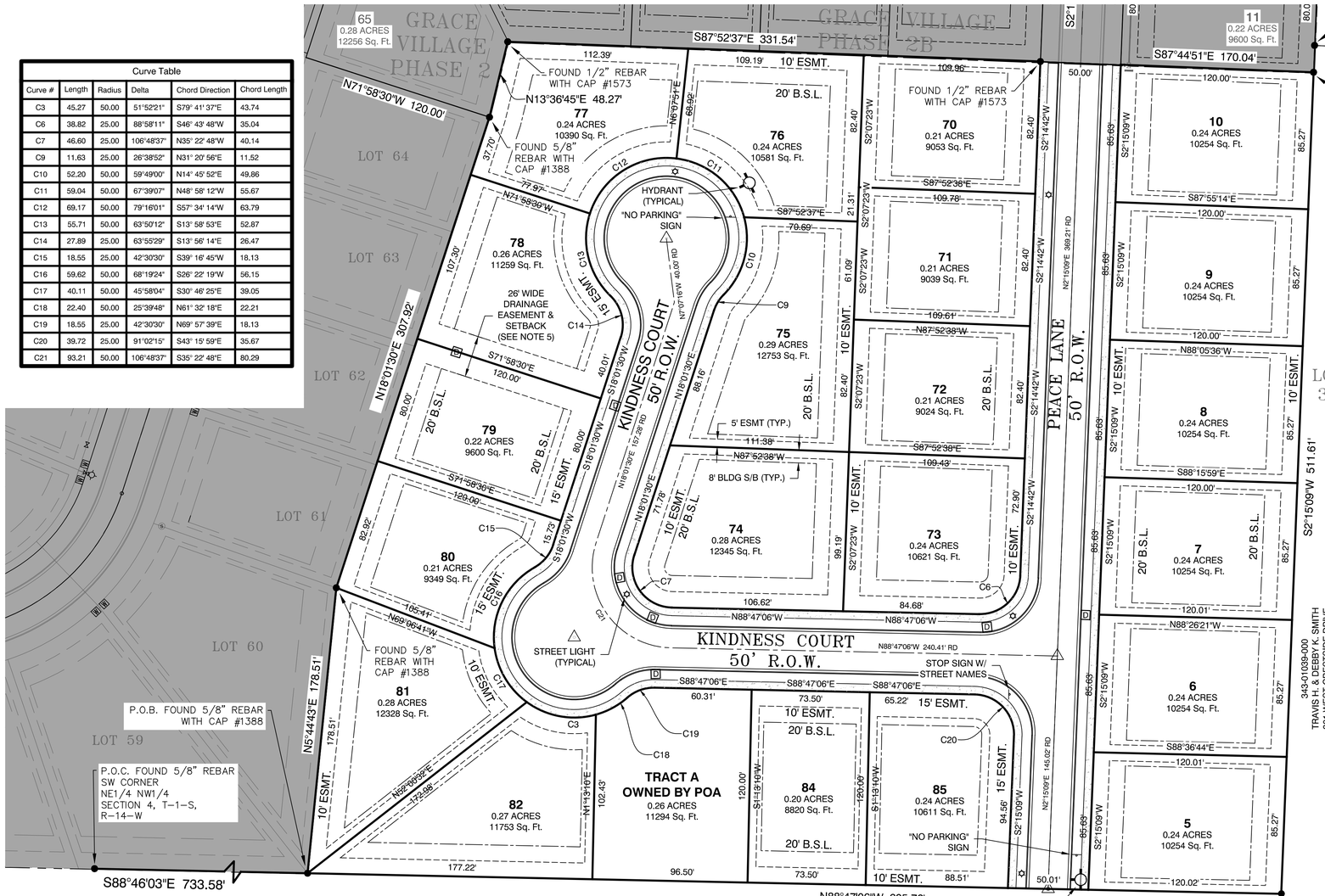
1	FINAL PLAT
2	OVERALL WATER & SEWER PLAN
3	STREET & DRAINAGE PLAN
4	PEACE LANE PROFILE
5	KINDNESS COURT PROFILE
6	SANITARY SEWER PROFILE SSMH-1 TO SSMH-2
7	DRAINAGE PROFILES
8	SPILLWAY DETAILS

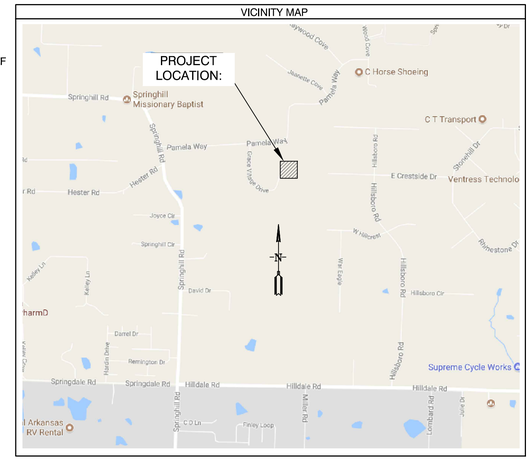
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
VERNON L. WILLIAMS

1-20-2021

CERTIFICATE OF AUTHORIZATION
GarNat Engineering, LLC.
No. 2174
ARKANSAS

Curve Table					
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C3	45.27	50.00	51°52'21"	S79° 41' 37"E	43.74
C6	38.82	25.00	88°58'11"	S46° 43' 48"W	35.04
C7	46.60	25.00	106°48'37"	N35° 22' 48"W	40.14
C9	11.63	25.00	26°38'52"	N31° 20' 56"E	11.52
C10	52.20	50.00	59°49'00"	N14° 45' 52"E	49.86
C11	59.04	50.00	67°39'07"	N48° 58' 12"W	55.67
C12	69.17	50.00	79°16'01"	S57° 34' 14"W	63.79
C13	55.71	50.00	63°50'12"	S13° 58' 53"E	52.87
C14	27.89	25.00	63°55'29"	S13° 56' 14"E	26.47
C15	18.55	25.00	42°30'30"	S39° 16' 45"W	18.13
C16	59.62	50.00	68°19'24"	S26° 22' 19"W	56.15
C17	40.11	50.00	45°58'04"	S30° 46' 25"E	39.05
C18	22.40	50.00	25°39'48"	N61° 32' 18"E	22.21
C19	18.55	25.00	42°30'30"	N69° 57' 39"E	18.13
C20	39.72	25.00	91°02'15"	S43° 15' 59"E	35.67
C21	93.21	50.00	106°48'37"	S35° 22' 48"E	80.29





BASIS OF BEARINGS:

NAD 83 ARKANSAS GRID SOUTH ZONE (GPS)

CERTIFICATIONS:

By affixing my seal and signature, I George P. Wooden, PLS No. 1573, hereby certify that this drawing correctly depicts a survey compiled under my supervision dated January 15, 2021.

According the the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for Saline County unincorporated areas, panel # 05125C0225E dated 6/5/2020 , no portion of the property described hereon does lie within the 100 year flood hazard boundary.

SURVEY PLAT CODE:
500-01S-14W-0-04-410-62-1573

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

GENERAL NOTES:

1. ALL STREETS & DRAINAGE TO MEET CITY OF BRYANT STANDARD SPECIFICATIONS & DETAILS.
2. ALL TRAFFIC CONTROL DEVICES SHALL MEET THE REQUIREMENTS OF CITY OF BRYANT STANDARD SPECIFICATIONS PER PART 4.9
3. NO FENCES CAN BE CONSTRUCTED IN DRAINAGE EASEMENTS WHERE OPEN DITCHES EXIST.
4. ROADS WILL BE MAINTAINED, INSPECTED, & ACCEPTED BY SALINE COUNTY.
5. NO FENCES SHALL BE BUILT WITHIN DRAINAGE EASEMENTS.
6. NO POOLS OR PERMANENT STRUCTURES SHALL BE BUILT IN EASEMENTS.
7. NO FENCES SHALL BE BUILT IN ROAD RIGHT-OF-WAY OR ACCESS EASEMENTS.

PROPERTY SPECIFICATIONS:

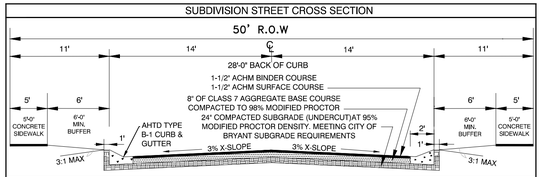
ZONING CLASSIFICATION: R-1.S

MIN. LOT SIZE: 8,800 S.F.
NUMBER OF LOTS: 22
SOURCE OF WATER: SALEM WATER
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
REAR - 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

SUBDIVISION STREET CROSS SECTION



PROPERTY DESCRIPTION:

GRACE VILLAGE PHASE 3 LEGAL DESCRIPTION:

PART OF THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER (NE1/4 NW1/4) OF SECTION 4, TOWNSHIP 01 SOUTH, RANGE 14 WEST, IN SALINE COUNTY, ARKANSAS, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 4, BEING A FOUND 5/8" REBAR; THENCE S88°46'03"E A DISTANCE OF 733.58 FEET TO A FOUND 5/8" REBAR WITH CAP #1388 FOR THE POINT OF BEGINNING; THENCE N5°44'43"E A DISTANCE OF 178.51 FEET TO A FOUND 5/8" REBAR WITH CAP #1388; THENCE N18°01'30"E A DISTANCE OF 307.92 FEET TO A FOUND 5/8" REBAR WITH CAP #1388 AT THE SOUTHEAST CORNER OF LOT 65 OF GRACE VILLAGE PHASE 2; THENCE N13°36'45"E, ALONG SAID EAST LINE OF GRACE VILLAGE PHASE 2, A DISTANCE OF 48.27 FEET TO A FOUND 1/2" REBAR WITH CAP #1573 AT THE NORTHEAST CORNER OF LOT 65 AND THE SOUTHWEST CORNER OF LOT 66 OF GRACE VILLAGE SUBDIVISION PHASE 2B; THENCE S87°52'37"E, ALONG THE SOUTH LINE OF SAID PHASE 2B, 331.54 FEET TO A FOUND 1/2" REBAR WITH CAP #1573; THENCE S87°44'51"E, CONTINUING ALONG SOUTH LINE OF SAID PHASE 2B, 170.04 FEET TO A FOUND 1/2" REBAR WITH CAP #1573 LOCATED ON THE WEST LINE OF LOT 39 OF THE HILLS PHASE 5; THENCE S2°15'09"W, ALONG SAID WEST LINE OF THE HILLS PHASE 5, A DISTANCE OF 511.61 FEET TO A FOUND DRILL STEM IN A STONE COLLAR AT THE SOUTHEAST CORNER OF THE SAID NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 4; THENCE N88°47'06"W, ALONG THE SOUTH LINE OF THE SAID NORTHEAST QUARTER OF THE NORTHWEST QUARTER, A DISTANCE OF 605.76 FEET TO THE POINT OF BEGINNING; CONTAINING 291,688 SQUARE FEET (6.70 ACRES), MORE OR LESS.

PLAT CERTIFICATES:

OWNER:
Name: James H. Brown, Broken Bow Development, Inc.
Address: #9 Mountain View Court, Little Rock, Arkansas 72212

DEVELOPER:
Name: James H. Brown, Broken Bow Development, Inc.
Address: #9 Mountain View Court, Little Rock, Arkansas 72212

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: _____
Name: James H. Brown
Address: #9 Mountain View Court Little Rock, Arkansas 72212

Source of Title Saline County: Deed Book 2009 , Page 101708

CERTIFICATE OF 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 SURVEYING ACCURACY:

I, George P. Wooden, hereby certify that this final plat correctly represents a boundary survey made by me or under my supervision; 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 FINAL PLAT APPROVAL:

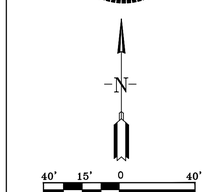
Pursuant to the City of Bryant Subdivision Rules and Regulations, this document was given approval by the Bryant Planning Commission. All of the document is hereby accepted, and this certificate executed under the authority of said rules and regulations.

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

FINAL PLAT
GRACE VILLAGE SUBDIVISION
PHASE 3
SALINE COUNTY, ARKANSAS

J:\Document Scans\PE Stamps\LW BLANK.jpg





DATE	REVISION	BY
2/11/21	1. REVISED PER CITY OF BRYANT.	ATV
2/25/21	2. REVISED PER CITY OF BRYANT.	GPW

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

GRACE VILLAGE SUBDIVISION
PHASE 3
CITY OF BRYANT,
SALINE COUNTY, ARKANSAS

REGISTERED PROFESSIONAL SURVEYOR
STATE OF ARKANSAS
NO. 1573
SIGNATURE
GEORGE P. WOODEN

CONTENTS:
FINAL PLAT

PROJECT NO:
16072

DATE:
MAY 18, 2022

SHEET NO:
1

J:\Projects\2016 Projects\16072 Grace Village Phase 3\Drawings\DWGs\PHASE 3\16072 Grace Village Phase 3 FINAL PLAT.dwg

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 SEWER LINE CONSTRUCTION SHALL COMPLY WITH CITY OF BRYANT STANDARD SPECIFICATIONS & DETAILS.

5. ALL WATER LINE CONSTRUCTION SHALL COMPLY WITH SALEM WATER USERS STANDARD SPECIFICATIONS & DETAILS.

6. MAINTAIN 10 FEET OF HORIZONTAL SEPARATION BETWEEN WATER & SEWER LINES.

7. ALL UTILITIES THAT WILL BE LOCATED UNDER PAVEMENT SHALL BE BACKFILLED IN ACCORDANCE WITH THE BRYANT STREET SPECIFICATIONS AND BRYANT WATER & SEWER STANDARD SPECIFICATIONS.

8. TELEPHONE, ELECTRICAL, AND OTHER BURIED UTILITIES ARE TO BE A MINIMUM OF 3-FEET HORIZONTALLY FROM INSTALLED WATER AND SEWER LINES.

35

65
0.28 ACRES
12256 Sq. Ft.

11
0.22 ACRES
9600 Sq. Ft.

REMOVE PLUG AND CONNECT TO EXISTING 8" GATE VALVE

8" MJ TEE W/ 8"GATE VALVE ON EAST BRANCH

3" BLOWOFF ASSEMBLY

N:2041584.61
E:1160497.23
WV

N:2041583.73
E:1160384.06
WV

N:2041579.87
E:1160385.30
WV

10
0.24 ACRES
10254 Sq. Ft.

LONG SIDE WATER METER SERVICE (TYP)

70
0.21 ACRES
9053 Sq. Ft.

SSMH-4

N:2041515.00
E:1160314.48
S STUB

N:2041513.62
E:1160385.42
S STUB

SHORT SIDE WATER METER SERVICE (TYP)

LONG SIDE SEWER SERVICE (TYP)

9
0.24 ACRES
10254 Sq. Ft.

SSMH
RIM ELEV. = 491.96
INV. OUT 8"(S) = 483.81

71
0.21 ACRES
9039 Sq. Ft.

N:2041436.92
E:1160307.35
S STUB

N:2041425.92
E:1160385.70
S STUB

SHORT SIDE SEWER SERVICE (TYP)

8" SDR-21 PVC WATER LINE

8
0.24 ACRES
10254 Sq. Ft.

72
0.21 ACRES
9024 Sq. Ft.

N:2041356.51
E:1160303.77
S STUB

N:2041340.21
E:1160382.35
S STUB

7
0.24 ACRES
10254 Sq. Ft.

N:2041262.08
E:1160372.85
WV

N:2041255.99
E:1160371.33
WV

8" MJ TEE W/ 8" GATE VALVES ON NORTH RUN AND WEST BRANCH

N:2041252.46
E:1160376.19
S STUB

6
0.24 ACRES
10254 Sq. Ft.

N:2041178.65
E:1160376.57
S STUB

5
0.24 ACRES
10254 Sq. Ft.

N:2041133.41
E:1160373.91
S STUB

N:2041090.50
E:1160367.61
WV

FIRE HYDRANT ASSEMBLY W/ MJ PLUG IN SOUTH RUN OF TEE

N:2041081.80
E:1160365.67
WV

N:2041081.71
E:1160363.91
HYD

PEACE LANE
50' R.O.W.

FIRE HYDRANT ASSEMBLY (TYP)

77
0.24 ACRES
10390 Sq. Ft.

SSMH-2

N:2041548.13
E:1160116.14
S STUB

N:2041538.30
E:1160087.97
S STUB

SSMH
RIM ELEV. = 477.78
INV. OUT 8"(S) = 469.28

N:2041537.47
E:1160110.02
WV

76
0.24 ACRES
10581 Sq. Ft.

N:2041537.47
E:1160108.38
HYD

PIPE - (1) (4) 144' L.F. OF 8" SDR-26 PVC @ 3.23%

78
0.26 ACRES
11259 Sq. Ft.

SSMH-1A

N:2041401.54
E:1160042.39
S STUB

SSMH
RIM ELEV. = 472.02
INV. IN 8"(N) = 464.61
INV. OUT 8"(S) = 462.67

20 LF 16" STEEL CASING

79
0.22 ACRES
9600 Sq. Ft.

KINDNESS COURT
50' R.O.W.

75
0.29 ACRES
12753 Sq. Ft.

N:2041381.37
E:1160120.20
S STUB

PIPE - (3) 318' L.F. OF 8" SDR-26 PVC @ 6.44%

8" 90° MJ BEND

8" 22.5° MJ BEND

74
0.28 ACRES
12345 Sq. Ft.

N:2041263.27
E:1160120.60
S STUB

73
0.24 ACRES
10621 Sq. Ft.

N:2041274.03
E:1160301.42
S STUB

40LF 16" STEEL CASING

N:2041312.99
E:1160013.24
S STUB

PIPE - (1) 182' L.F. OF 8" SDR-26 PVC @ 0.41%

80
0.21 ACRES
9349 Sq. Ft.

EXST. PIPE - (1A) 223' L.F. OF 8" SDR-26 PVC @ 3.00%

N:2041245.03
E:1159990.33
S STUB

SSMH-1

N:2041225.25
E:1159988.42
S STUB

20 LF 16" STEEL CASING

81
0.28 ACRE
12328 Sq. F

SSMH
RIM ELEV. = 466.12
INV. IN 8"(N) = 461.92
INV. IN 8"(W) = 461.87
INV. OUT 8"(E) = 461.77

EXST. PIPE - (1B) 82' L.F. OF 8" SDR-26 PVC @ 2.96%

N:2041184.65
E:1160057.73
S STUB

SSMH
RIM ELEV. = 466.50
INV. IN 8"(W) = 459.35
INV. IN 8"(N) = 459.45
INV. IN 8"(E) = 459.50
INV. OUT 8"(S) = 459.15

82
0.27 ACRES
11753 Sq. Ft.

TRACT A
OWNED BY POA
0.26 ACRES
11294 Sq. Ft.

N:2041186.29
E:1160166.83
S STUB

N:2041180.80
E:1160249.56
S STUB

SSMH-3

SSMH
RIM ELEV. = 471.91
INV. IN 8"(N) = 463.31
INV. OUT 8"(W) = 463.21

84
0.20 ACRES
8820 Sq. Ft.

85
0.24 ACRES
10611 Sq. Ft.

PIPE - (2) 235' L.F. OF 8" SDR-26 PVC @ 1.58%

SSMH
RIM ELEV. = 464.33

EXST. SSMH-3
RIM=464.33
INV. IN 8" PVC (N) = 458.27
INV. OUT 8" PVC (S) = 458.07

EXST. SSMH-1
RIM=477.06
INV. OUT 8" PVC (E) = 468.56

S88°46'03"E 733.58'

N18°01'30"E 307.92'

LOT 64
LOT 63
LOT 62
LOT 61
LOT 60
LOT 59
LOT 39

FOUND DRILL STEM
IN STONE COLLAR
SE CORNER NE1/4 NW1/4
SECTION 4, T-1-S, R-14-W
REFERENCES:

N
30' 0 30'

DATE	REVISION	BY
2/25/21	2. REVISED PER CITY OF BRYANT.	GPW

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

GRACE VILLAGE SUBDIVISION
PHASE 3
CITY OF BRYANT,
SALINE COUNTY, ARKANSAS

RECORD DRAWING

CONTENTS:

OVERALL WATER & SEWER PLAN

PROJECT NO: 16072

DATE: JAN, 2021

SHEET NO: 2

J:\Projects\2016 Projects\16072 Grace Village Phase 3\Drawings\DWG\PHASE 3\SSR-PHASE 3 SEWER-AS-CONSTRUCTED.dwg

PIPE-D2.218 LF

LOT 64

LOT 63

LOT 62

LOT 61

LOT 60

LOT 59

LOT 39

GRACE VILLAGE SUBDIVISION PHASE 1

EXST. SDMH-1

EXST. SD-1 156' L.F. OF 48" HDPE @ 1.59%

SD-6 100' L.F. OF 42" HDPE @ 0.81%

JB-1
SDMH
RIM ELEV. = 470.56

HDPE PIPE HAS LESS THAN 29" OF COVER AND REQUIRES MECHANICAL PIPE ANCHORS TO PREVENT FLOATATION

KINDNESS COURT
50' R.O.W.

PEACE LANE
50' R.O.W.

77 0.24 ACRES 10390 Sq. Ft.

76 0.24 ACRES 10581 Sq. Ft.

78 0.26 ACRES 11259 Sq. Ft.

75 0.29 ACRES 12753 Sq. Ft.

79 0.22 ACRES 9600 Sq. Ft. SDMH-4

SDMH
RIM ELEV. = 470.25

80 0.21 ACRES 9349 Sq. Ft.

74 0.28 ACRES 12345 Sq. Ft.

70 0.21 ACRES 9053 Sq. Ft.

71 0.21 ACRES 9039 Sq. Ft.

72 0.21 ACRES 9024 Sq. Ft.

73 0.24 ACRES 10621 Sq. Ft.

11 0.22 ACRES 9600 Sq. Ft.

10 0.24 ACRES 10254 Sq. Ft.

9 0.24 ACRES 10254 Sq. Ft.

8 0.24 ACRES 10254 Sq. Ft.

7 0.24 ACRES 10254 Sq. Ft.

6 0.24 ACRES 10254 Sq. Ft.

5 0.24 ACRES 10254 Sq. Ft.

SD-5 108' L.F. OF 27" X 44" RCAP @ 1.45%

SD-5 (1) 27' L.F. OF 27" X 44" RCAP @ 6.52%

SD-3 208' L.F. OF 18" HDPE @ 2.09%

SDMH-1B
SDMH
RIM ELEV. = 466.48

SDMH-1
SDMH
RIM ELEV. = 465.75

SDMH-2
SDMH
RIM ELEV. = 471.19

SDMH-3
SDMH
RIM ELEV. = 474.29

SD-4 63' L.F. OF 18" RCP @ 3.13%

SD-2 38' L.F. OF 27" X 44" RCAP @ 0.29%

SDMH
RIM ELEV. = 465.59

SDMH-1A

SD-1 21' L.F. OF 27" X 44" RCAP @ 1.08%

INVERT ELEV. =461.71

FES - 1

TRACT A
OWNED BY POA
0.26 ACRES
11294 Sq. Ft.

BOTTOM OF POND = 456.0'

TOP OF POND = 464.0'

84 0.20 ACRES 8820 Sq. Ft.

85 0.24 ACRES 10611 Sq. Ft.

82 0.27 ACRES 11753 Sq. Ft.

81 0.28 ACRES 12328 Sq. Ft.

11'-3" WIDE SPILLWAY
O/F = 461.0'

23 SY OF RIP RAP
OUTFALL OF SPILLWAY

EXISTING DITCH FLOW LINE

FOUND DRILL STEM
IN STONE COLLAR
SE CORNER NE1/4 NW1/4
SECTION 4, T-1-S, R-14-W
REFERENCES:
12" PINE N00°E 22.5'

N

30' 0 30'

DATE	REVISION	BY
2/11/21	1. REVISED PER CITY OF BRYANT.	ATV
2/25/21	2. REVISED PER CITY OF BRYANT.	GPW

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

GRACE VILLAGE SUBDIVISION
PHASE 3
CITY OF BRYANT,
SALINE COUNTY, ARKANSAS

RECORD DRAWING

CONTENTS:
STREET & DRAINAGE PLAN

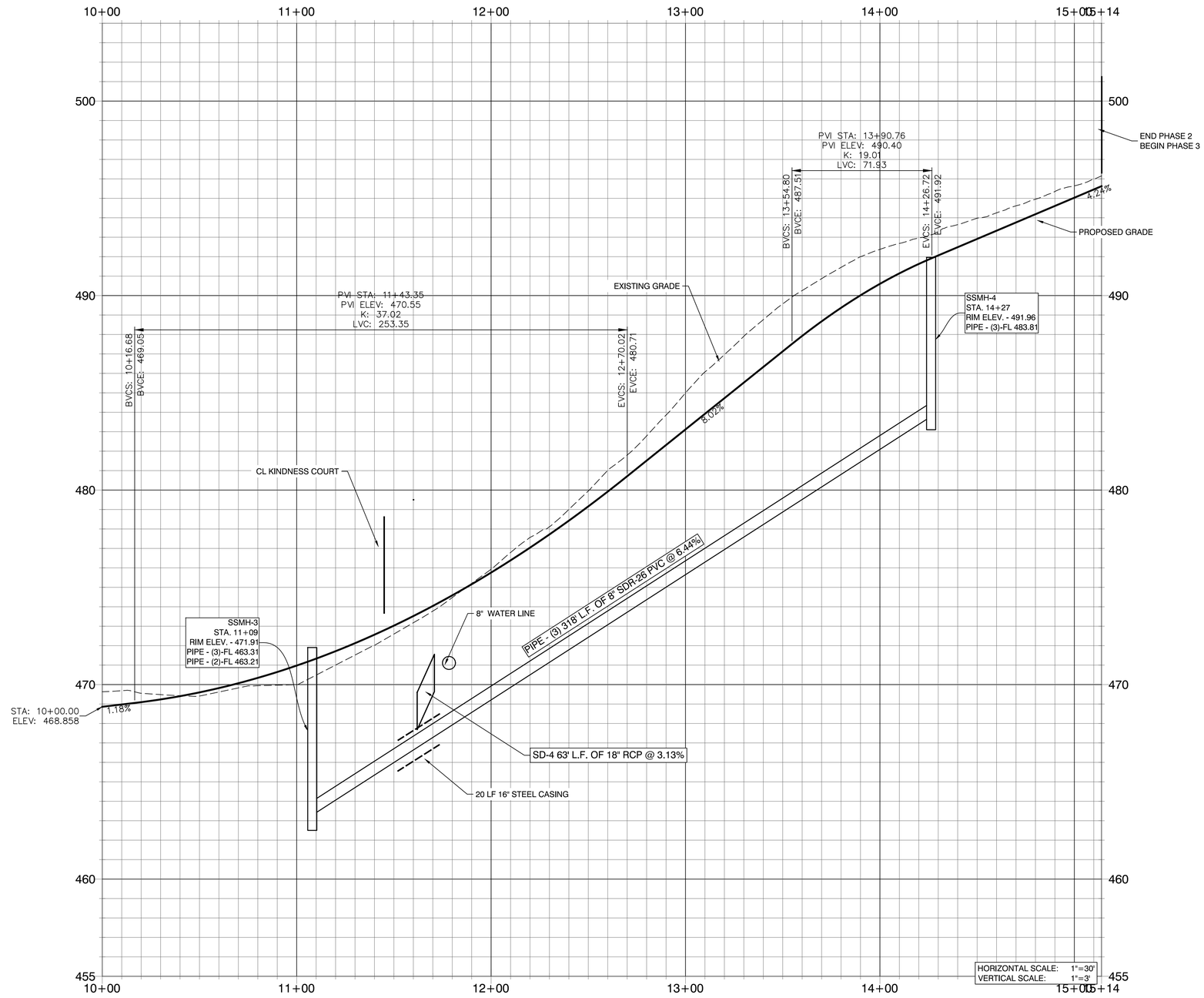
PROJECT NO: 16072

DATE: JAN, 2021

SHEET NO: 3

a:\Projects\2016 Projects\16072 Grace Village Phase 3\Drawings\Dwgs\PHASE 3 DESIGN-AS-07022.dwg

PEACE LANE PROFILE



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
garnatengineering@gmail.com
Ph (501) 408-4650

GRACE VILLAGE SUBDIVISION
PHASE 3
CITY OF BRYANT,
SALINE COUNTY, ARKANSAS

RECORD DRAWING

CONTENTS:

PEACE LANE PROFILE

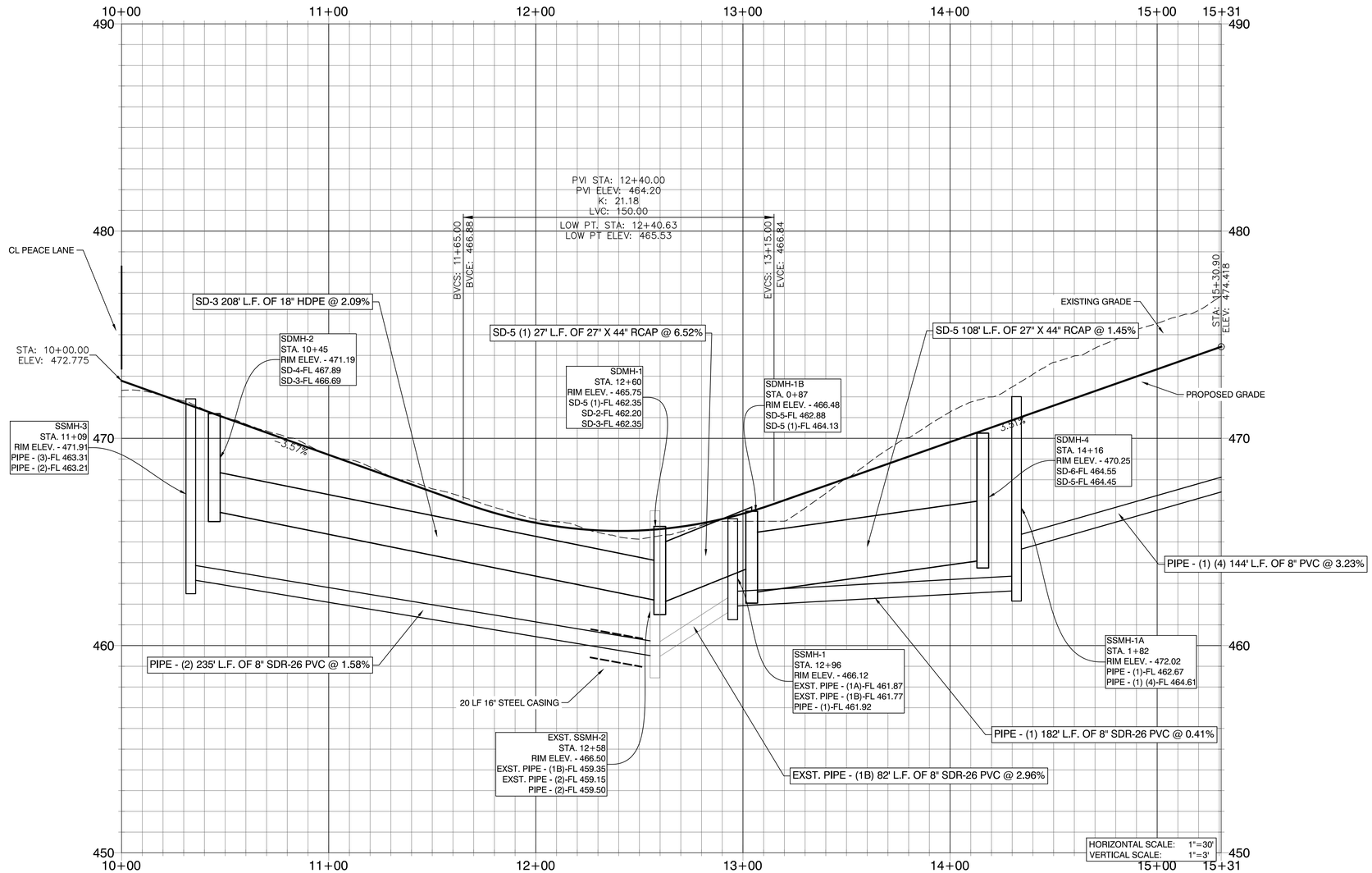
PROJECT NO: 16072

DATE: JAN, 2021

SHEET NO: 4

J:\Projects\2016 Projects\16072 Grace Village Phase 3\Drawings\plans\PHASE 3\ASBuilt-PHASE 3 DESIGN-03-07-2021.dwg

KINDNESS COURT PROFILE



30' 15' 0 30'

DATE	REVISION	BY
2/25/21	2. REVISED PER CITY OF BRYANT.	GPW

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

GRACE VILLAGE SUBDIVISION
PHASE 3
CITY OF BRYANT,
SALINE COUNTY, ARKANSAS

RECORD DRAWING

CONTENTS:
KINDNESS COURT PROFILE

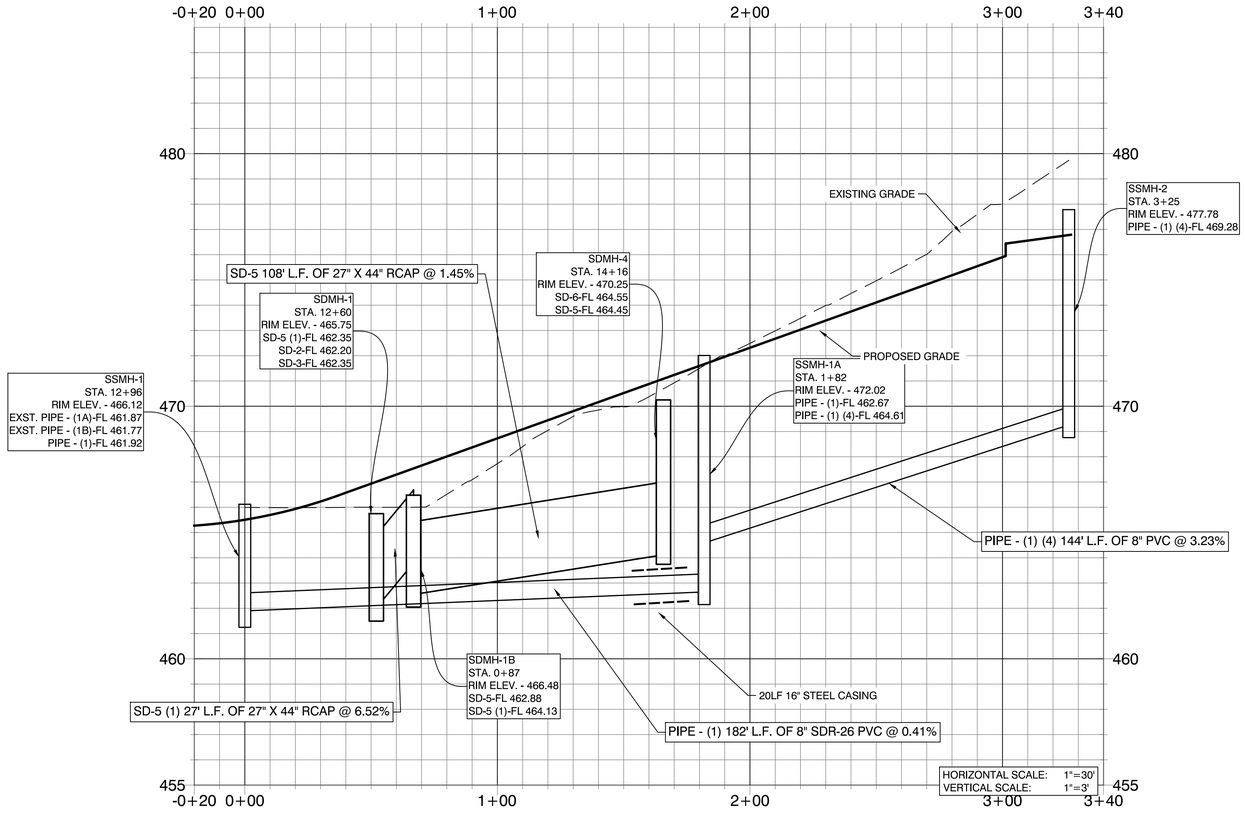
PROJECT NO: 16072

DATE: JAN, 2021

SHEET NO: 5

J:\Projects\2016 Projects\16072 Grace Village Phase 3\Drawings\Utility\PHASE 3\ 16072-PHASE 3 DESIGN-A3-070522.dwg

SANITARY SEWER SSMH-1 TO SSMH-2 PROFILE



30' 15' 0 30'

DATE	REVISION	BY
2/25/21	2. REVISED PER CITY OF BRYANT.	GPW

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

GRACE VILLAGE SUBDIVISION
PHASE 3
CITY OF BRYANT,
SALINE COUNTY, ARKANSAS

RECORD DRAWING

CONTENTS:
SANITARY SEWER PROFILE SSMH-1 TO SSMH-2

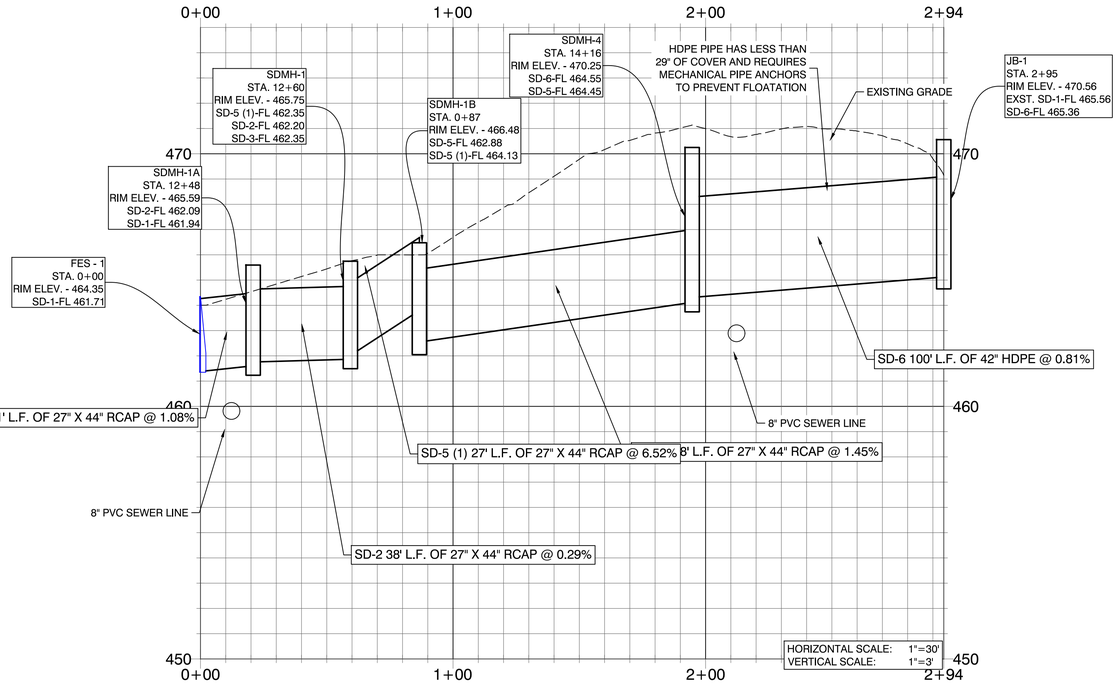
PROJECT NO: 16072

DATE: JAN, 2021

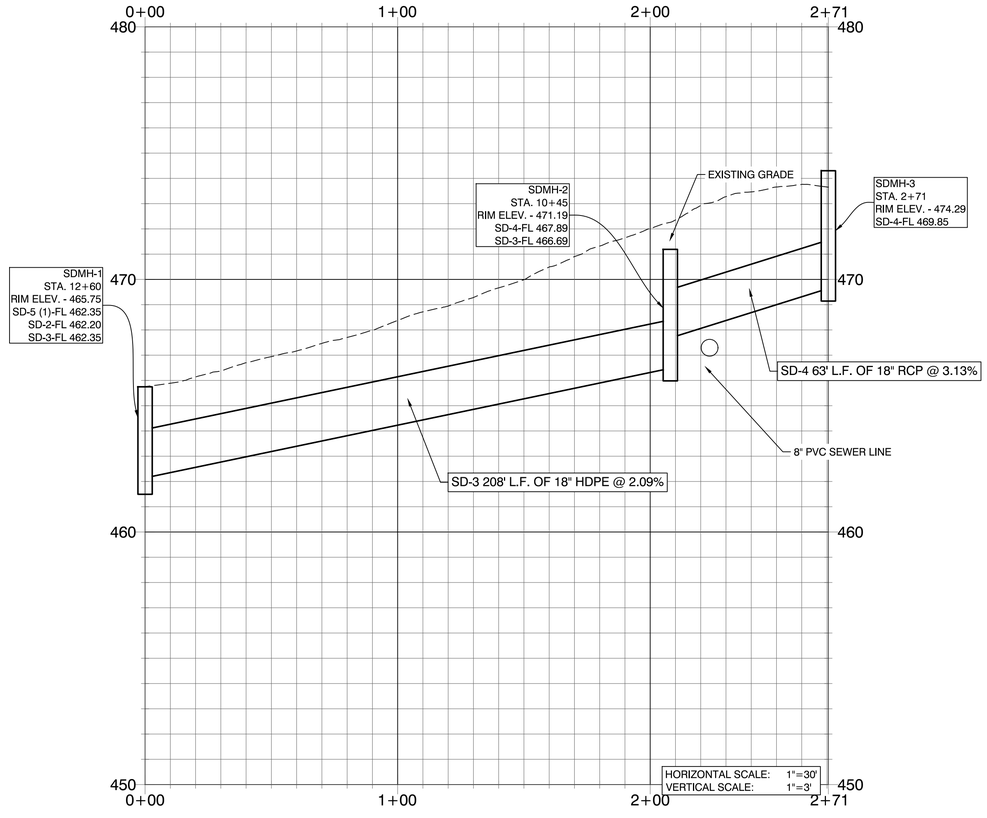
SHEET NO: 6

A:\Projects\2016 Projects\16072 Grace Village Phase 3\Drawings\Utility\PHASE 3\ASB-PHASE 3 DESIGN-AS-CNTRED.dwg

OUTLET STRUCTURE - JB-1 PROFILE



SDMH-1 - SDMH-3 PROFILE



30' 15' 0 30'

DATE	REVISION	BY
2/11/21	1. REVISED PER CITY OF BRYANT.	ATV
2/25/21	2. REVISED PER CITY OF BRYANT.	GPW

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

GRACE VILLAGE SUBDIVISION
PHASE 3
CITY OF BRYANT,
SALINE COUNTY, ARKANSAS

RECORD DRAWING

CONTENTS:

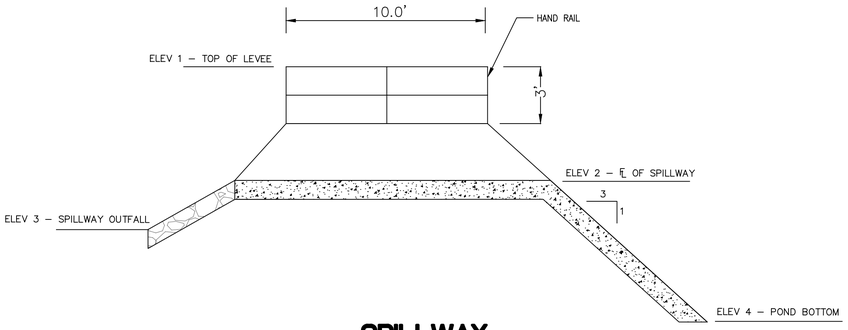
DRAINAGE PROFILES

PROJECT NO: 16072

DATE: JAN, 2021

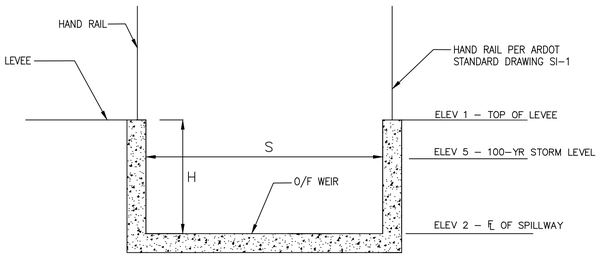
SHEET NO: 7

e:\Projects\2016 Projects\16072 Grace Village Phase 3\Drawings\Utility\PHASE 3\UtilSht-PHASE 3 SEWER-RD-070522.dwg



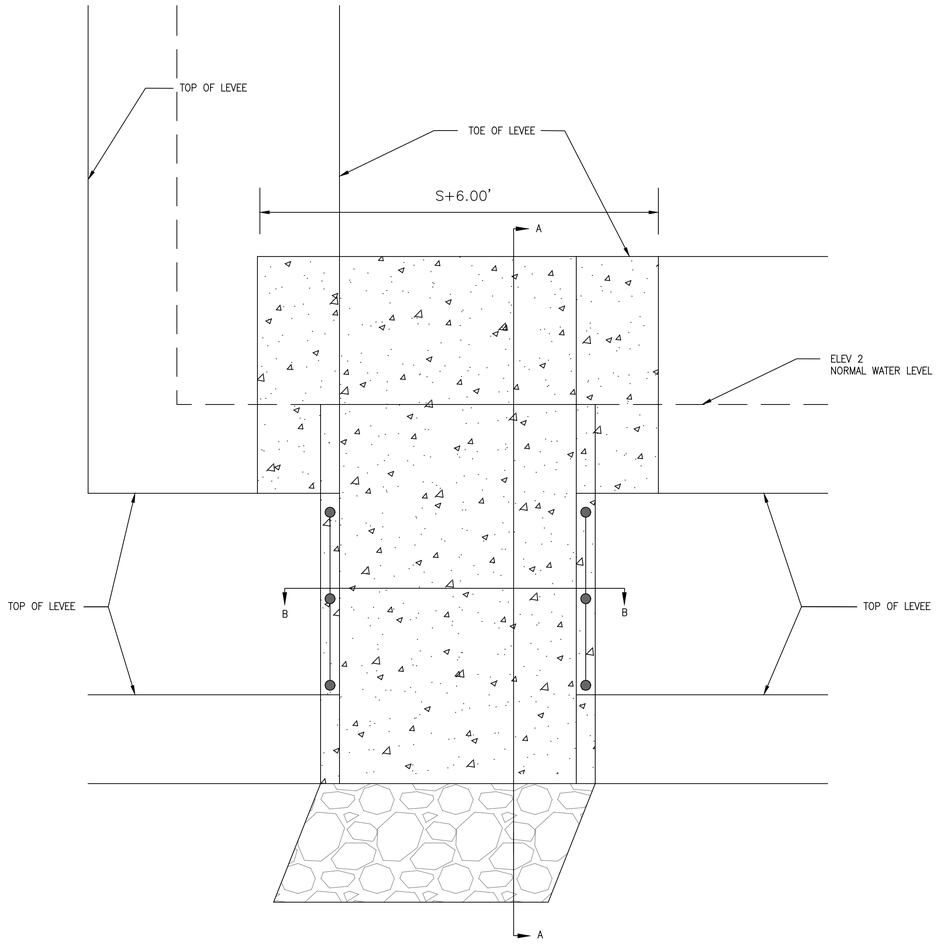
SPILLWAY SECTION A-A

NOT TO SCALE



SPILLWAY SECTION B-B

NOT TO SCALE



SPILLWAY PLAN VIEW

NOT TO SCALE

CONTROL STRUCTURE							
SPILLWAY	H	ELEV 1	ELEV 2	ELEV 3	ELEV 4	ELEV 5	S
1	3'–0"	464.00	461.00	460.95	456.00	463.00	11'–3"

DETENTION OUTLET NOTES:

1. ALL CONCRETE WALLS SHALL BE A MINIMUM OF 6" 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
Ph (501) 408-4650
3825 Mt Carmel Rd
Bryant, AR 72022
garnatengineering@gmail.com

GRACE VILLAGE SUBDIVISION
PHASE 3
CITY OF BRYANT,
SALINE COUNTY, ARKANSAS

RECORD DRAWING

CONTENTS:

SPILLWAY DETAILS

PROJECT NO: 16072

DATE: JAN, 2021

SHEET NO: 8

J:\Projects\2016 Projects\160117 Grace Village Phase 3\Drawings\Civil\Sheets\ 3 SPILLWAY OUTLET STRUCTURE.dwg