HAWKINS VALLEY
PHASE 1
FOR THOMAS D.B. COLLINS, LTD.
CITY OF BRYANT,
SALINE COUNTY, ARKANSAS

GNE response to comments drawn in red

Prepared by:

GarNat Engineering, LLC

P.O. Box 116
Benton, AR 72018
Ph (501) 408-4650

3825 Mt Carmel Road
Bryant, AR 72022
www.garnatengineering.com

Designing our client's success



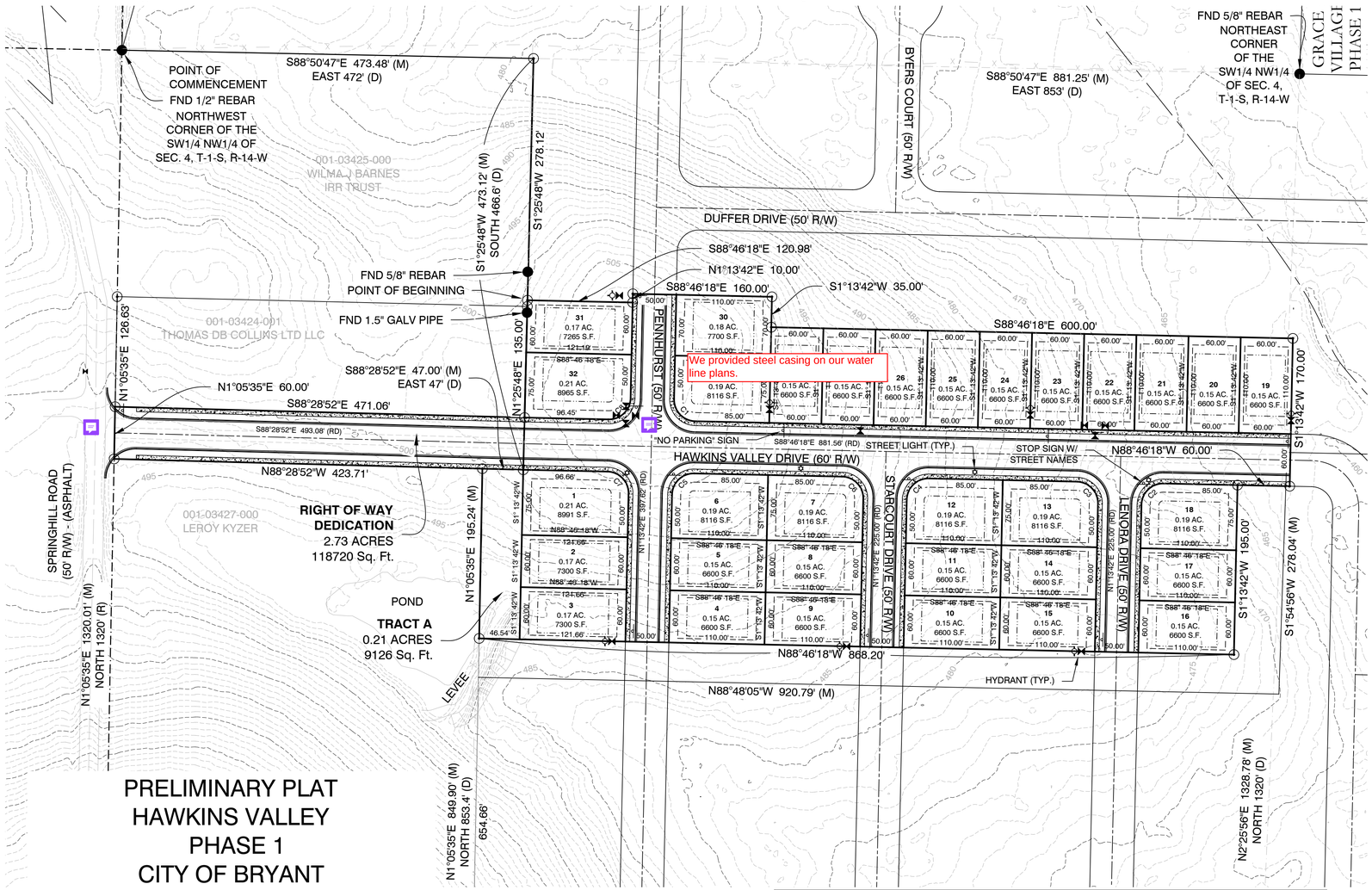
ARKANSAS





DRAWING INDEX:

V1.0	PRELIMINARY PLAT
C2.0	OVERALL WATER AND SEWER PLAN
C2.1	SEWER PLAN & PROFILE MAIN A
C2.2	SEWER PLAN & PROFILE MAIN B
C2.3	SEWER PLAN & PROFILE MAIN C
C2.4	SEWER PLAN & PROFILE MAIN D & E
C3.0	STREET & DRAINAGE PLAN
C3.1	ROAD PROFILES
C3.2	OUTLET STRUCTURE DETAILS



PRELIMINARY PLAT
HAWKINS VALLEY
PHASE 1
CITY OF BRYANT
SALINE COUNTY, ARKANSAS

PLAT CERTIFICATES:

OWNER:

Name: Phillip Pengelly
Thomas DB Collins LTD, LLC
Address: 9360 Gilbert Road
Benton, Arkansas 72019

DEVELOPER:

Name: Lee Pengelly
Thomas DB Collins LTD, LLC
Address: 9360 Gilbert Road
Benton, Arkansas 72019

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: Phillip Pengelly
Address: 9360 Gilbert Road, Benton, Arkansas 72019

Source of Title Saline County: Deed Book 2024 , Page 013856

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 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; 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.

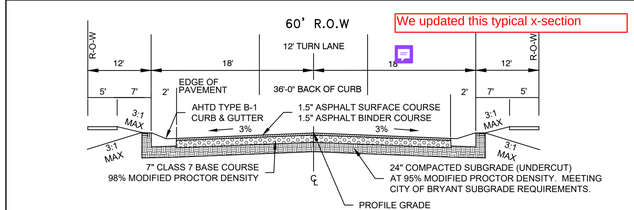
Date: _____ Signed: _____
George P. Wooden
Registered Land Surveyor
No. 1573, Arkansas

CERTIFICATE OF PRELIMINARY PLAT APPROVAL:

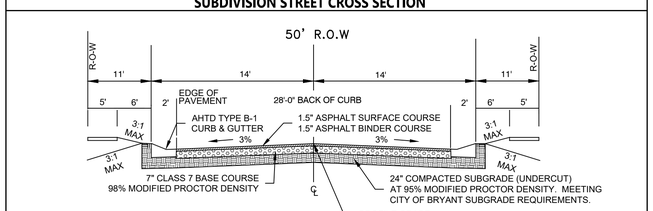
All requirements of the City of Bryant Subdivision Rules and Regulations relative to the preparation and submittal of a Preliminary Plat having been fulfilled, approval of this plat is hereby granted, subject to further provisions of said Rules and Regulations.

Date: _____ Signed: _____
Lance Penfield, Chairman
Bryant Planning Commission

SUBDIVISION STREET CROSS SECTION



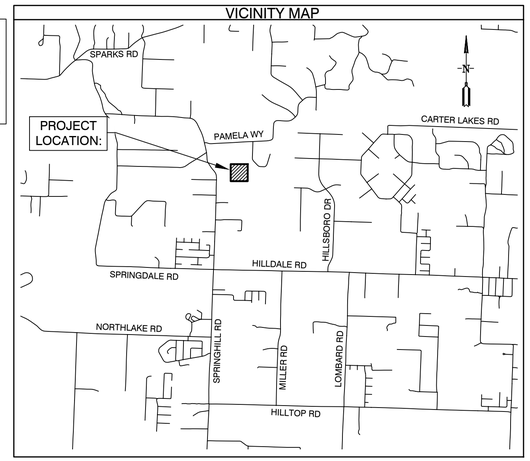
SUBDIVISION STREET CROSS SECTION



SURVEY LEGEND

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

VICINITY MAP

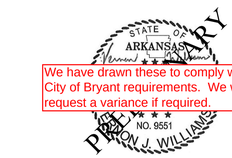


Curve Table

Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C1	39.27'	25.00'	90°00'00"	N43° 46' 18"W	35.36'
C2	39.27'	25.00'	90°00'00"	N46° 13' 42"E	35.36'
C3	39.27'	25.00'	90°00'00"	N43° 46' 18"W	35.36'
C4	39.27'	25.00'	90°00'00"	S46° 13' 42"W	35.36'
C5	39.27'	25.00'	90°00'00"	N46° 13' 42"E	35.36'
C6	39.27'	25.00'	90°00'00"	S43° 46' 18"E	35.36'
C8	39.27'	25.00'	90°00'00"	S46° 13' 42"W	35.36'

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 THIS DRAINAGE EASEMENT.
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.



We have drawn these to comply with City of Bryant requirements. We would request a variance if required.

PROPERTY SPECIFICATIONS:

ZONING CLASSIFICATION: R-1.S
MIN. LOT SIZE: 6,600 S.F.
NUMBER OF LOTS: 32
SOURCE OF WATER: SALEM WATER
SOURCE OF SEWER: CITY OF BRYANT

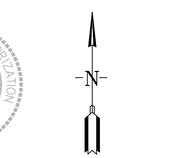
BUILDING SETBACKS:
FRONT - 20' OR AS SHOWN
REAR - 20' OR AS SHOWN
SIDE - 8' OR AS SHOWN

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

PROPERTY DESCRIPTION:

PHASE 1 SUBDIVISION DESCRIPTION

PART OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER (SW1/4 NW1/4) OF SECTION 4, TOWNSHIP 1 SOUTH, RANGE 14 WEST, MORE PARTICULARLY DESCRIBED AS FOLLOWS: **COMMENCING** AT A FOUND 1/2" REBAR FOR THE NORTHWEST CORNER OF THE SAID SW1/4 NW1/4; THENCE S88°50'47"E, ALONG THE NORTH LINE THEREOF, FOR A DISTANCE OF 473.48 FEET TO A SET 1/2" REBAR WITH CAP #1573; THENCE S1°25'48"W, LEAVING SAID NORTH LINE, FOR A DISTANCE OF 278.12 FEET TO A SET 1/2" REBAR WITH CAP #1573 FOR THE **POINT OF BEGINNING**; THENCE S88°46'18"E FOR A DISTANCE OF 120.98 FEET TO A SET 1/2" REBAR WITH CAP #1573 LOCATED ON THE WEST RIGHT OF WAY OF PENNHURST; THENCE N1°13'42"E, ALONG SAID WEST RIGHT OF WAY, FOR A DISTANCE OF 10.00 FEET TO A POINT; THENCE S88°46'18"E, LEAVING SAID WEST RIGHT OF WAY, FOR A DISTANCE OF 160.00 FEET TO A SET 1/2" REBAR WITH CAP #1573; THENCE S1°13'42"W FOR A DISTANCE OF 35.00 FEET TO A SET 1/2" REBAR WITH CAP #1573; THENCE S88°46'18"E FOR A DISTANCE OF 600.00 FEET TO A SET 1/2" REBAR WITH CAP #1573; THENCE S1°13'42"W FOR A DISTANCE OF 170.00 FEET TO A SET 1/2" REBAR WITH CAP #1573 LOCATED ON THE SOUTH RIGHT OF WAY OF HAWKINS VALLEY DRIVE; THENCE N88°46'18"W, ALONG SAID SOUTH RIGHT OF WAY, FOR A DISTANCE OF 60.00 FEET TO A SET 1/2" REBAR WITH CAP #1573; THENCE S1°13'42"W, LEAVING SAID SOUTH RIGHT OF WAY, FOR A DISTANCE OF 195.00 FEET TO A SET 1/2" REBAR WITH CAP #1573; THENCE N88°46'18"W FOR A DISTANCE OF 868.20 FEET TO A SET 1/2" REBAR WITH CAP #1573; THENCE N1°05'35"E FOR A DISTANCE OF 195.24 FEET TO A SET 1/2" REBAR WITH CAP #1573 LOCATED ON THE SOUTH RIGHT OF WAY OF HAWKINS VALLEY DRIVE; THENCE N88°28'52"W, ALONG SAID SOUTH RIGHT OF WAY, FOR A DISTANCE OF 423.71 FEET TO A SET 1/2" REBAR WITH CAP #1573 LOCATED ON THE EAST RIGHT OF WAY OF SPRINGHILL ROAD; THENCE N1°05'35"E, ALONG SAID EAST RIGHT OF WAY, FOR A DISTANCE OF 60.00 FEET TO A SET 1/2" REBAR WITH CAP #1573 LOCATED ON THE NORTH RIGHT OF WAY OF HAWKINS VALLEY DRIVE; THENCE S88°28'52"E, LEAVING SAID SPRINGHILL ROAD EAST RIGHT OF WAY AND ALONG NORTH RIGHT OF WAY OF HAWKINS VALLEY DRIVE, FOR A DISTANCE OF 471.06 FEET TO A SET 1/2" REBAR WITH CAP #1573; THENCE N1°25'48"E, LEAVING SAID NORTH RIGHT OF WAY, FOR A DISTANCE OF 135.00 FEET TO THE **POINT OF BEGINNING**, CONTAINING 8.17 ACRES, MORE OR LESS. SUBJECT TO THE RIGHT OF WAY OF SPRINGHILL ROAD AND ANY EXISTING EASEMENTS.



SURVEY PLAT CODE:
500-01S-14W-0-04-430-62-1573

BASIS OF BEARINGS:
NAD 83 ARKANSAS GRID SOUTH ZONE (GPS)

CERTIFICATIONS:

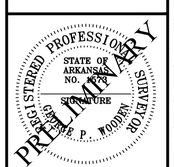
By affixing my seal and signature, I George P. Wooden, PLS No. 1573, hereby certify that this drawing correctly depicts a survey compiled under my supervision dated June 22, 2024.

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.

BY	REVISION	DATE

GNE Designing our client's success
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3825 Mt Carmel Road
Bryant, AR 72022
garnatengineering@gmail.com

HAWKINS VALLEY
PHASE 1
CITY OF BRYANT,
SALINE COUNTY, ARKANSAS



CONTENTS:
PRELIMINARY PLAT

PROJECT NO:
24076

DATE:
DEC. 17, 2024

SHEET NO:
V1.0

J:\Projects\2024 Projects\24076 Hawkins Valley Springhill Road Strawberry Lane Lee Pengelly\Drawings\Civil\Design\24076 Hawkins Valley Phase 1 Preliminary Plat R11~ 122324.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.

HOPPER COURT (50' R/W)

001-03425-000
WILMA J BARNES
IRR TRUST

BYERS COURT (50' R/W)

DUFFER DRIVE (50' R/W)

19+00
18+00
17+00
16+00
15+00

FIRE HYDRANT ASSEMBLY WITH 8" MJ PLUG ON NORTH RUN OF TEE AND 1 MJ X HDPE ADAPTER ON SOUTH RUN OF TEE

8" TEE W/ 2 MJ X HDPE ADAPTERS. W/ 8" MJ GATE VALVE IN BRACH WITH 2 MJ X HDPE ADAPTERS.

8" MJ TEE W/ 8" MJ GATE VALVE ON BRACH WITH 2 MJ X HDPE ADAPTERS AND 2 - 8" MJ GATE VALVES W/ 2 MJ X HDPE ADAPTERS EACH ON EAST AND WEST RUNS OF TEE.

FIRE HYDRANT ASSEMBLY WITH 8" MJ PLUG ON EAST RUN OF TEE AND 1 MJ X HDPE ADAPTER ON WEST RUN OF TEE

3-WAY FIRE HYDRANT ASSEMBLY (TYP.)

8" TAPPING SLEEVE & VALVE W/ 1 MJ X HDPE ADAPTER

90° MJ BEND W/ 2 MJ X HDPE ADAPTERS (TYP.)

25 L.F. OF STEEL CASING

001-03424-001
THOMAS DB COLLINS LTD LLC

8" MJ CROSS TEE W/ 4 - 8" MJ GATE VALVES WITH 2 MJ X HDPE ADAPTERS EACH

PROPOSED 8" HDPE DIPS DR-11 WATER LINE

10.0' UTILITY EASEMENT

PENNHURST (50' R/W)

SSMH C1
STA 0+00.00

0+00
1+00
2+00
2+70

60 L.F. OF STEEL CASING OR D.I. PIPE

11+43

HAWKINS VALLEY DRIVE (60' R

8+00

SSMH B5
STA 11+43.20

SSMH B4
STA 9+71.49

SSMH C2
STA 2+70.00

SSMH D1
STA 1+30.00

SSMH B3
STA 7+01.49

SSMH B2
STA 4+31.49

SSMH E1
STA 1+30.00

STARCOURT DRIVE (50' R/W)

LENORA DRIVE (50' R/W)

SPRINGHILL ROAD
(50' R/W) - (ASPHALT)

001-03427-000
LEROY KYZER

RIGHT OF WAY DEDICATION
2.73 ACRES
118720 Sq. Ft.

POND

TRACT A
0.21 ACRES
9126 Sq. Ft.

LEVEE

PROPOSED MAIN "B" SANITARY SEWER

PROPOSED MAIN "C" SANITARY SEWER

PROPOSED MAIN "D" SANITARY SEWER

PROPOSED MAIN "E" SANITARY SEWER

SHORT SIDE SINGLE METER (TYP.)

SHORT SIDE DOUBLE METER (TYP.)

LONG SIDE SINGLE METER (TYP.)

LONG SIDE DOUBLE METER (TYP.)

FIRE HYDRANT ASSEMBLY WITH 8" MJ PLUG ON SOUTH RUN OF TEE AND 1 MJ X HDPE ADAPTER ON NORTH RUN OF TEE

1	0.21 AC. 8991 S.F.	2	0.17 AC. 7300 S.F.
3	0.17 AC. 7300 S.F.	4	0.15 AC. 6600 S.F.
5	0.15 AC. 6600 S.F.	6	0.15 AC. 6600 S.F.
7	0.19 AC. 8116 S.F.	8	0.15 AC. 6600 S.F.
9	0.15 AC. 6600 S.F.	10	0.15 AC. 6600 S.F.
11	0.15 AC. 6600 S.F.	12	0.15 AC. 6600 S.F.
13	0.19 AC. 8116 S.F.	14	0.15 AC. 6600 S.F.
15	0.15 AC. 6600 S.F.	16	0.15 AC. 6600 S.F.
17	0.15 AC. 6600 S.F.	18	0.19 AC. 8116 S.F.
19	0.15 AC. 6600 S.F.	20	0.15 AC. 6600 S.F.
21	0.15 AC. 6600 S.F.	22	0.15 AC. 6600 S.F.
23	0.15 AC. 6600 S.F.	24	0.15 AC. 6600 S.F.
25	0.15 AC. 6600 S.F.	26	0.15 AC. 6600 S.F.
27	0.15 AC. 6600 S.F.	28	0.15 AC. 6600 S.F.
29	0.19 AC. 8116 S.F.	30	0.17 AC. 7265 S.F.
31	0.17 AC. 7265 S.F.	32	0.21 AC. 8965 S.F.

50' 25' 0 50'

BY	REVISION	DATE

GNE Designing our client's success

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P.O. Box 116
Benton, AR 72018
3825 Mt Carmel Rd
Bryant, AR 72022
Ph (501) 408-4650
garnatengineering@gmail.com

FOR: THOMAS DB COLLINS, LTD, LLC
HAWKINS VALLEY
PHASE 1
SALINE COUNTY, ARKANSAS

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

CONTENTS:
OVERALL WATER & SANITARY SEWER PLAN

PROJECT NO:
24076

DATE:
DECEMBER 2024

SHEET NO:
C2.0

J:\Projects\2024 Projects\24076 Hawkins Valley Springhill Blvd Strawberry Ln Lee Perry\Dwg\Design\24076 Hawkins Valley Rev 2.dwg, 8/1 - 13:03:24, Amy

NOTES:

1. ADJUST RIM ELEVATION TO FINISHED GRADE AS REQUIRED.
2. SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH CITY OF BRYANT STANDARD SPECIFICATIONS & DETAILS.
3. MAINTAIN 10 FEET OF HORIZONTAL SEPARATION BETWEEN WATER & SEWER LINES.
4. ALL MANHOLES SHALL BE EPOXY COATED PER CITY OF BRYANT REQUIREMENTS.

50.0' CREEK BUFFER

20.0' SHARED-USE TRAIL & SEWER EASEMENT

15' WIDE UTILITY EASEMENT

SSMH A1
STA 0+00.00

SSMH A2
STA 1+79.80

SSMH A3
STA 5+09.12

SSMH A4
STA 8+00.84

SSMH A5
STA 11+24.23

SSMH B1
STA 1+51.49

PIPE A1 - A2 180' L.F. OF 12" SDR-26 PVC @ 0.22%

PIPE A2 - A3 329' L.F. OF 12" SDR-26 PVC @ 0.22%

PIPE A3 - A4 292' L.F. OF 12" SDR-26 PVC @ 2.01%

PIPE A4 - A5 323' L.F. OF 12" SDR-26 PVC @ 1.00%

PIPE A6 - B1 101' L.F. OF 8" SDR-26 PVC @ 1.00%

FND 5/8" REBAR 1264

RIM ELEV.-448.33
SSMH
INV IN 8" PVC (NW) 441.13
INV OUT 12" PVC (E) 441.03

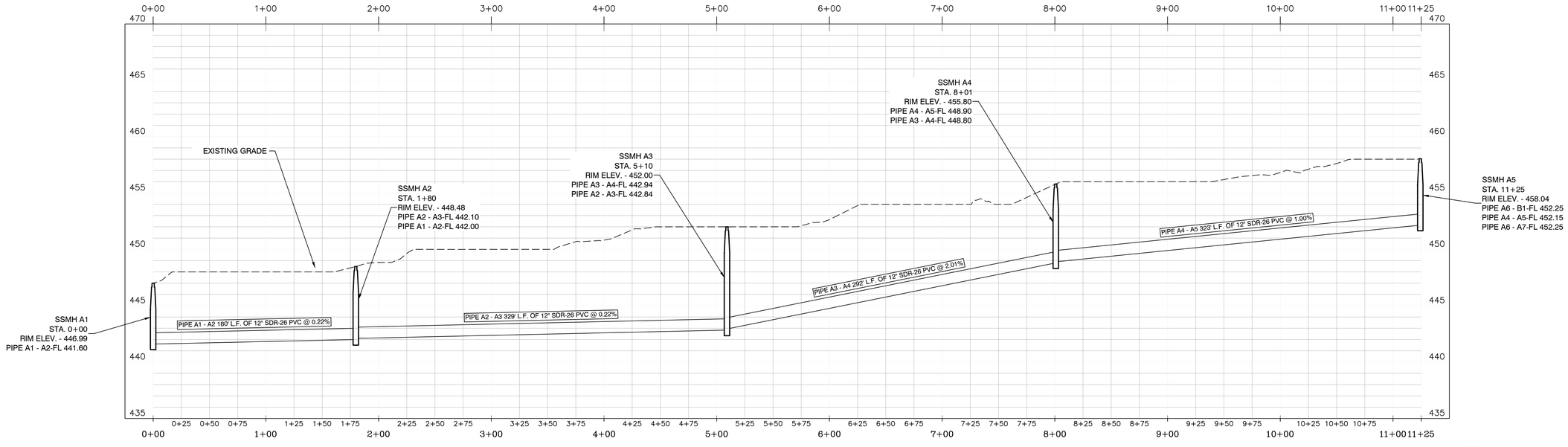
RIM ELEV.-452.42
SSMH
INV IN 8" PVC (NW) 445.40
INV OUT 12" PVC (E) 445.30

888.58' (M)

1323.85' (M)

50' 25' 0 50'

SEWER MAIN A STA. 0+00 – 11+25



SCALE: H 1" = 50'
V 1" = 5'

BY	REVISION	DATE

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NO. 9551
VERNON J. WILLIAMS
02-14-25

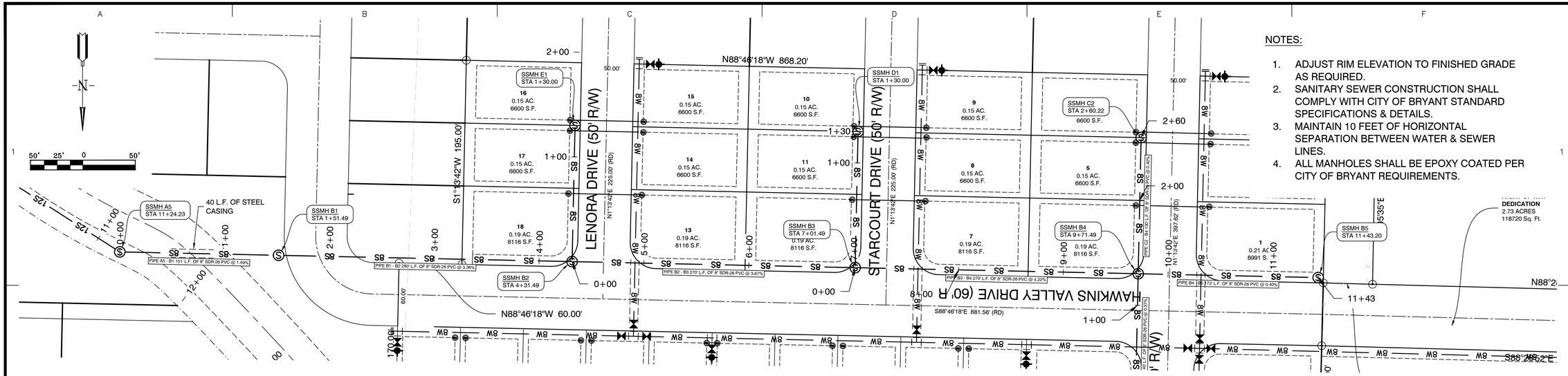
CONTENTS:
SANITARY SEWER PLAN & PROFILE MAIN "A" STA. 0+00 - 11+25

PROJECT NO: 24076

DATE: DECEMBER 2024

SHEET NO: C2.1

a:\Projects\2024 Projects\24076 Hawkins Valley Springhill Road Strawberry Lane Lee Pengelly\Civil\Drawings\24076 Hawkins Valley Road and Sewer.dwg, 2/14/2025 8:11:12 AM, Vernon



SEWER MAIN B STA. 0+00 -11+87

SCALE: H 1" = 50'
V 1" = 5'

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SALINE COUNTY, ARKANSAS

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
TREVION J. WILLIAMS

CONTENTS:
SANITARY SEWER PLAN & PROFILE MAIN "B" STA. 0+00 - 11+87

PROJECT NO: 24076

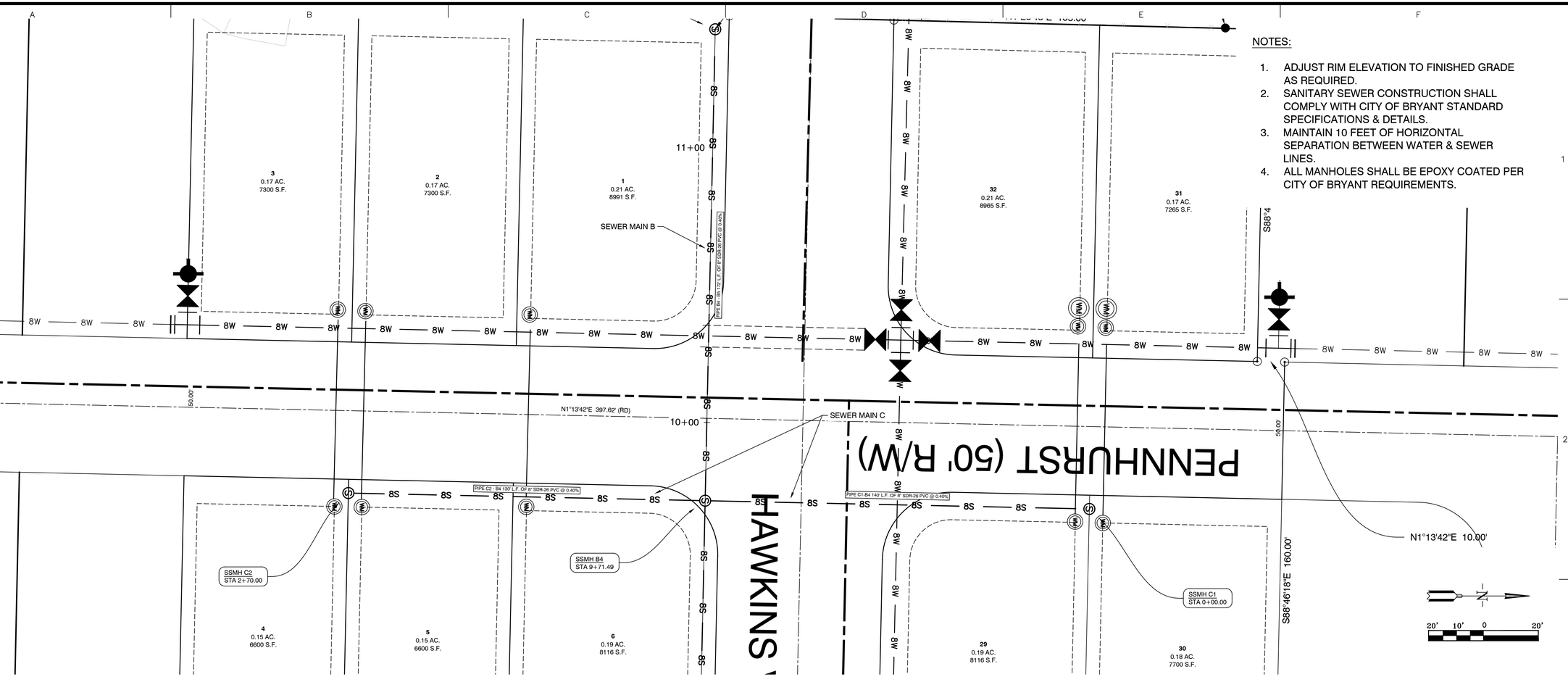
DATE: DECEMBER 2024

SHEET NO: C2.2

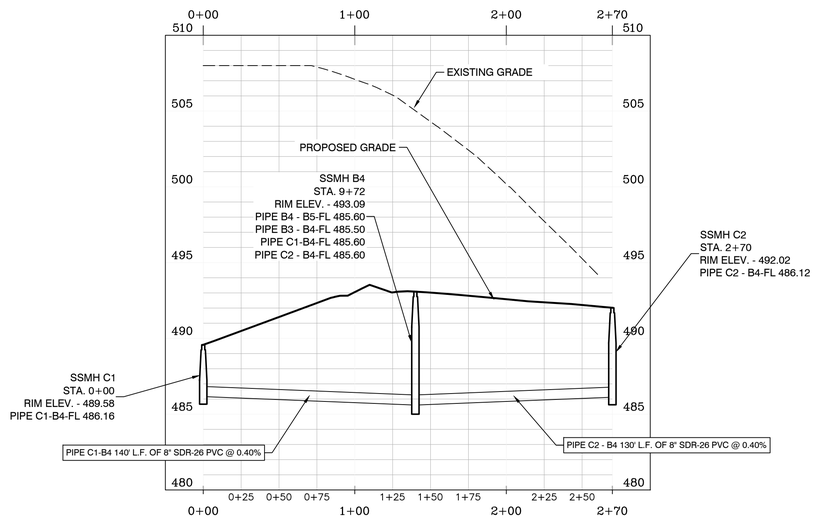
a:\Projects\2024 Projects\24076 Hawkins Valley Springhill Blvd Strawberry Lane Lee Ferguson\Drawings\24076 Hawkins Valley Area Sewer RFI - 12-13-24.dwg

NOTES:

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SEWER MAIN C STA. 0+00 – 2+70



SCALE: H 1" = 50'
V 1" = 5'

BY	REVISION	DATE

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SALINE COUNTY, ARKANSAS

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
BRYON J. WILLIAMS
PRELIMINARY

CONTENTS:

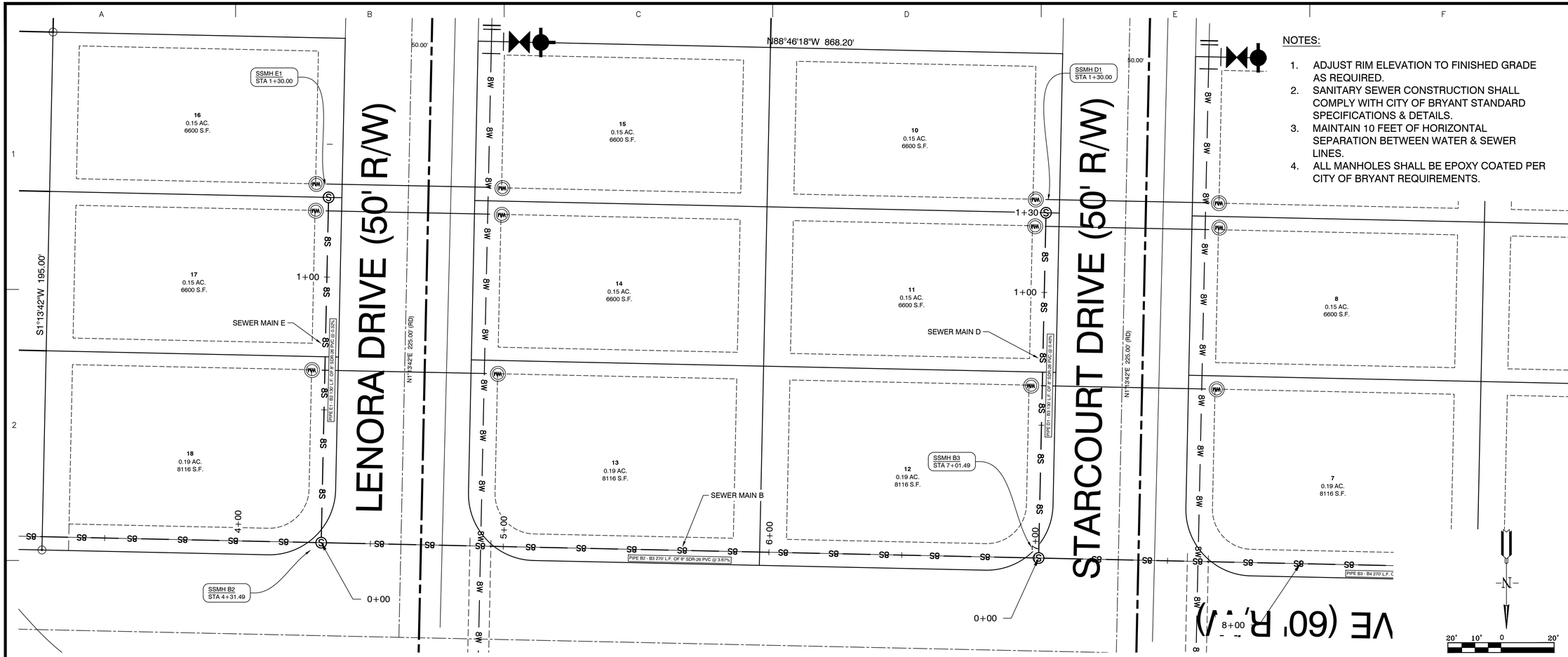
SANITARY SEWER PLAN & PROFILE MAIN "C" STA. 0+00 - 2+70

PROJECT NO: 24076

DATE: DECEMBER 2024

SHEET NO: C2.3

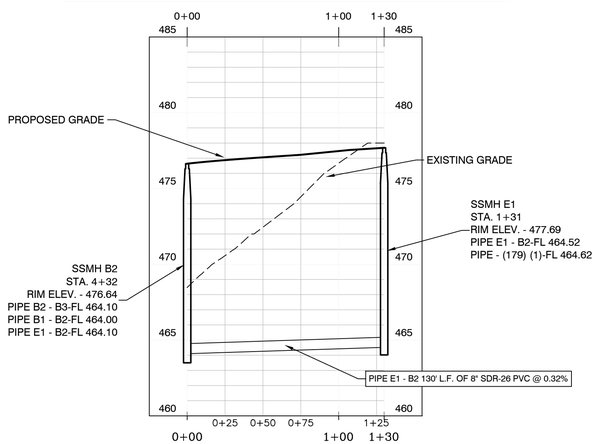
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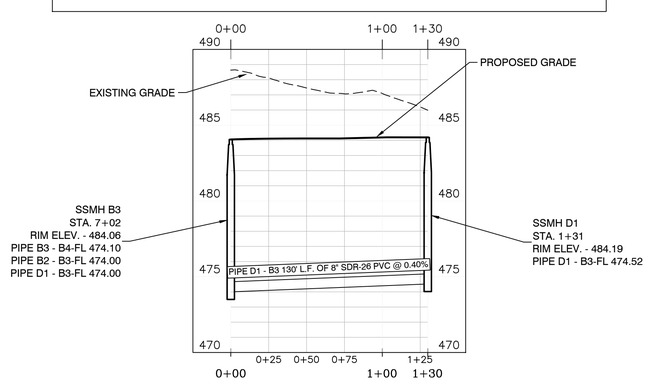
NOTES:

1. ADJUST RIM ELEVATION TO FINISHED GRADE AS REQUIRED.
2. SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH CITY OF BRYANT STANDARD SPECIFICATIONS & DETAILS.
3. MAINTAIN 10 FEET OF HORIZONTAL SEPARATION BETWEEN WATER & SEWER LINES.
4. ALL MANHOLES SHALL BE EPOXY COATED PER CITY OF BRYANT REQUIREMENTS.

SEWER MAIN E STA. 0+00 - 1+30



SEWER MAIN D STA. 0+00 – 1+30



SCALE: H 1" = 50'
V 1" = 5'

BY	REVISION	DATE

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GarNat Engineering, LLC
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3825 Mt Carmel Rd
Bryant, AR 72022
Ph (501) 408-4650
garnatengineering@gmail.com

FOR: THOMAS DB COLLINS, LTD, LLC
HAWKINS VALLEY
PHASE 1
SALINE COUNTY, ARKANSAS

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
NO. 9551
VERLEN J. WILLIAMS
PRELIMINARY

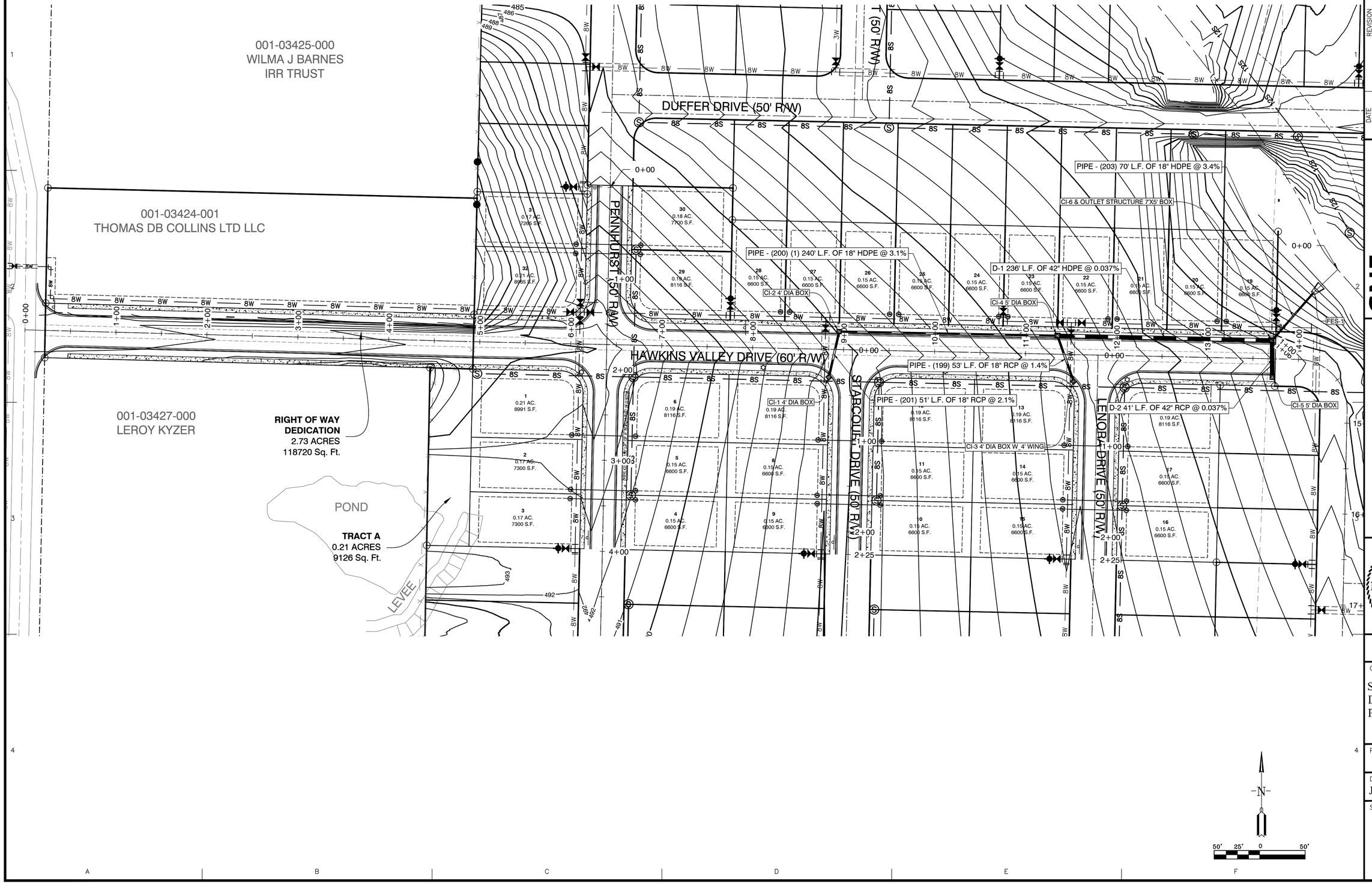
CONTENTS:
SANITARY SEWER PLAN & PROFILE
MAIN "D" & MAIN "E"
STA. 0+00 - 1+30

PROJECT NO:
24076

DATE:
DECEMBER 2024

SHEET NO:
C2.4

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FOR: THOMAS DB COLLINS, LTD, LLC
HAWKINS VALLEY
PHASE 1
SALINE COUNTY, ARKANSAS

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

1-06-2025

CONTENTS:
STREET & DRAINAGE PLAN

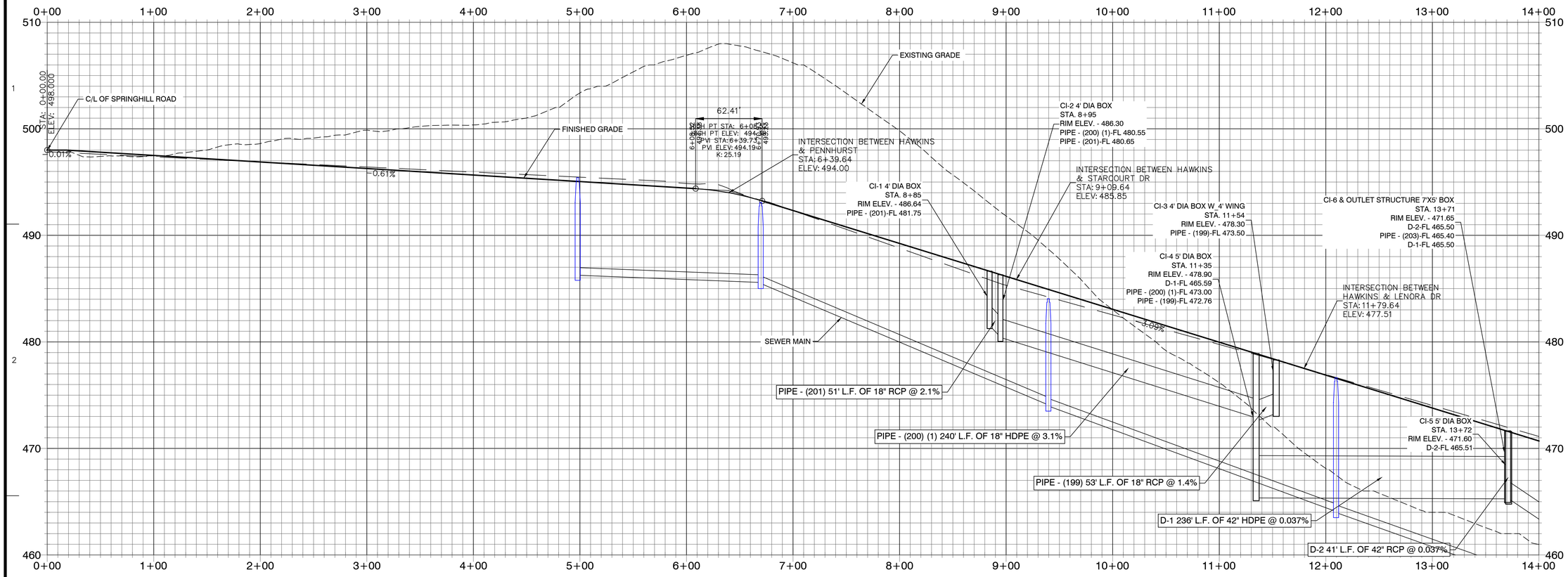
PROJECT NO: 24076

DATE: JAN 2025

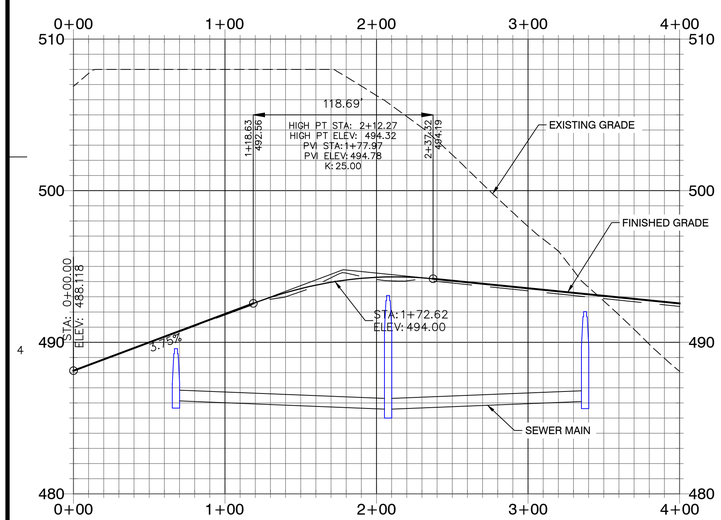
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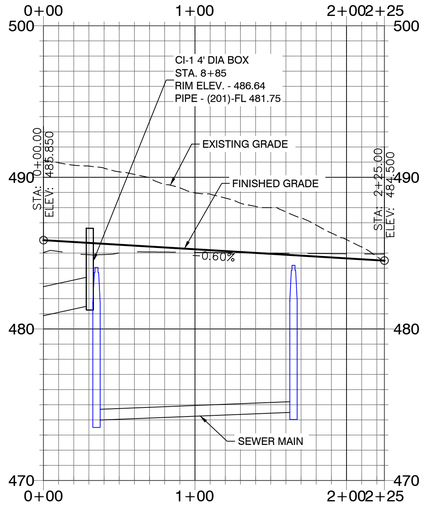
HAWKINS VALLEY DRIVE PROFILE



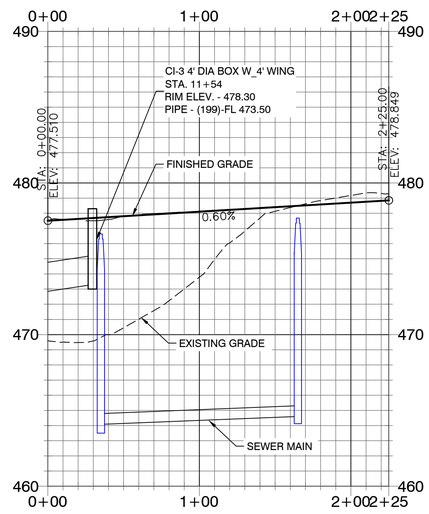
PENNHURST ROAD PROFILE



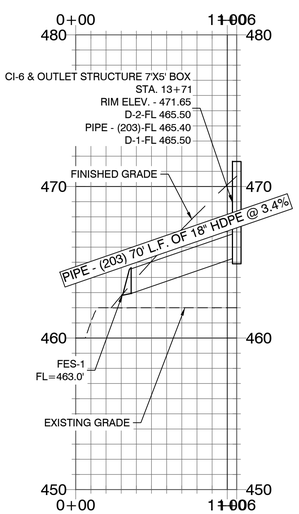
STARCOURT DRIVE PROFILE



LENORA DRIVE PROFILE



OUTLET PIPE PROFILE



SCALE: H 1" = 50'
V 1" = 5'

BY	REVISION	DATE

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REGISTERED PROFESSIONAL ENGINEER
NO. 9551
VERNON J. WILLIAMS

1-06-2025

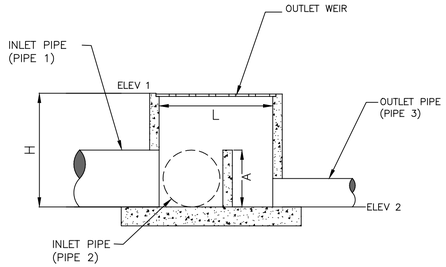
CONTENTS:
ROAD PROFILES

PROJECT NO:
24076

DATE:
JAN 2025

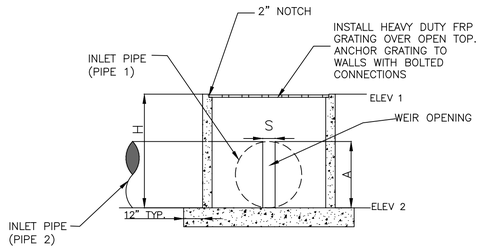
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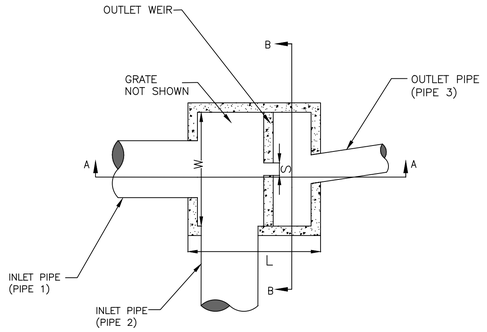
DETENTION OUTLET SECTION A-A

NOT TO SCALE



DETENTION OUTLET SECTION B-B

NOT TO SCALE



DETENTION OUTLET PLAN VIEW

NOT TO SCALE

CONTROL STRUCTURE

OUTLET STRUCTURE	L	W	H	ELEV 1	ELEV 2	S	PIPE 1 DIA	PIPE 2 DIA	PIPE 3 DIA	A
1	7'–0"	5'–0"	6'–3"	471.65	465.40	0'–7.5"	42"	42"	18"	3'–6"

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.

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Vernon ★★★ Williams
REGISTERED PROFESSIONAL ENGINEER
★★★
NO. 9551
VERNON J. WILLIAMS

1-06-2025

CONTENTS:

OUTLET STRUCTURE DETAILS

PROJECT NO: 24076

DATE: JAN 2025

SHEET NO: C3.2

\\192.168.1.100\Projects\2024 Projects\24076 Hawkins Valley Springhill Road Strawberry Lane Lee Property\Drawings\Civil\Design\24076-Springhill-Road-Drainage Area-dft.dwg