

HOPE CONSULTING
ENGINEERS - SURVEYORS

117 S. Market Street,
Benton, Arkansas 72015
PH. (501)315-2626
FAX (501) 315-0024
www.hopeconsulting.com

FOR USE AND BENEFIT OF:
WIGGINS FAMILY REAL ESTATE HOLDINGS, LLC

STARLIGHT VILLAGE SUBDIVISION
STREET LAYOUT
A SUBDIVISION IN CITY OF BRYANT, SALINE COUNTY, ARKANSAS

DATE: 10/5/2023	C.A.D. BY:	DRAWING NUMBER:
REVISION:	CHECKED BY:	19-0238
SHEET: C-1.0	SCALE:	

REGISTERED PROFESSIONAL ENGINEER
No. 16048
WILLIAM W. McGUIRE

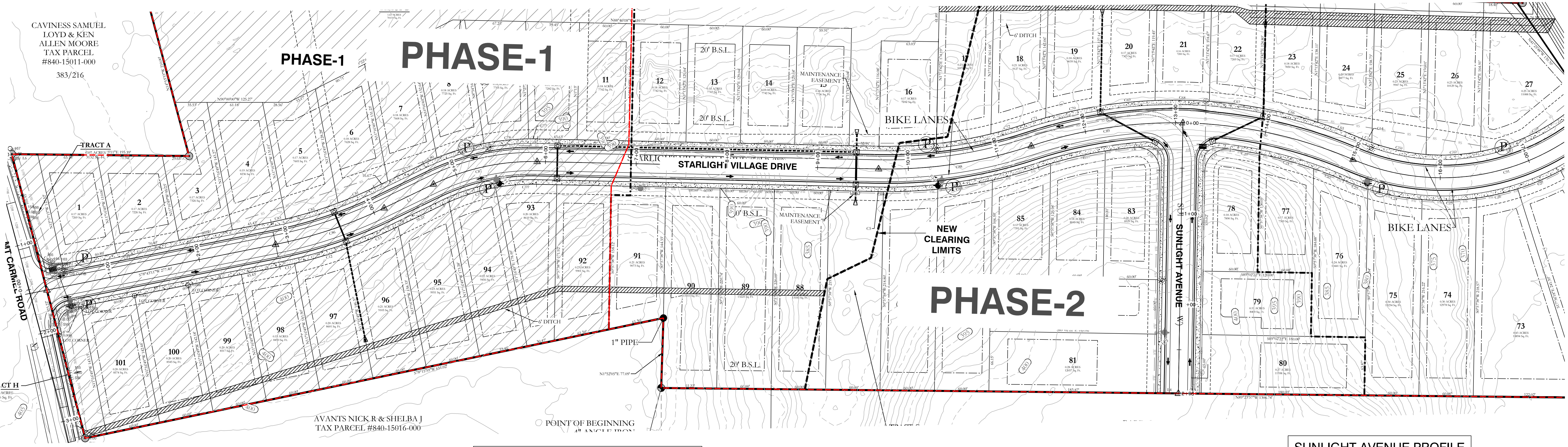
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CAVINNESS SAMUEL,
LOYD & KEN
ALLEN MOORE
TAX PARCEL
#840-15011-000
383/216

PHASE-1

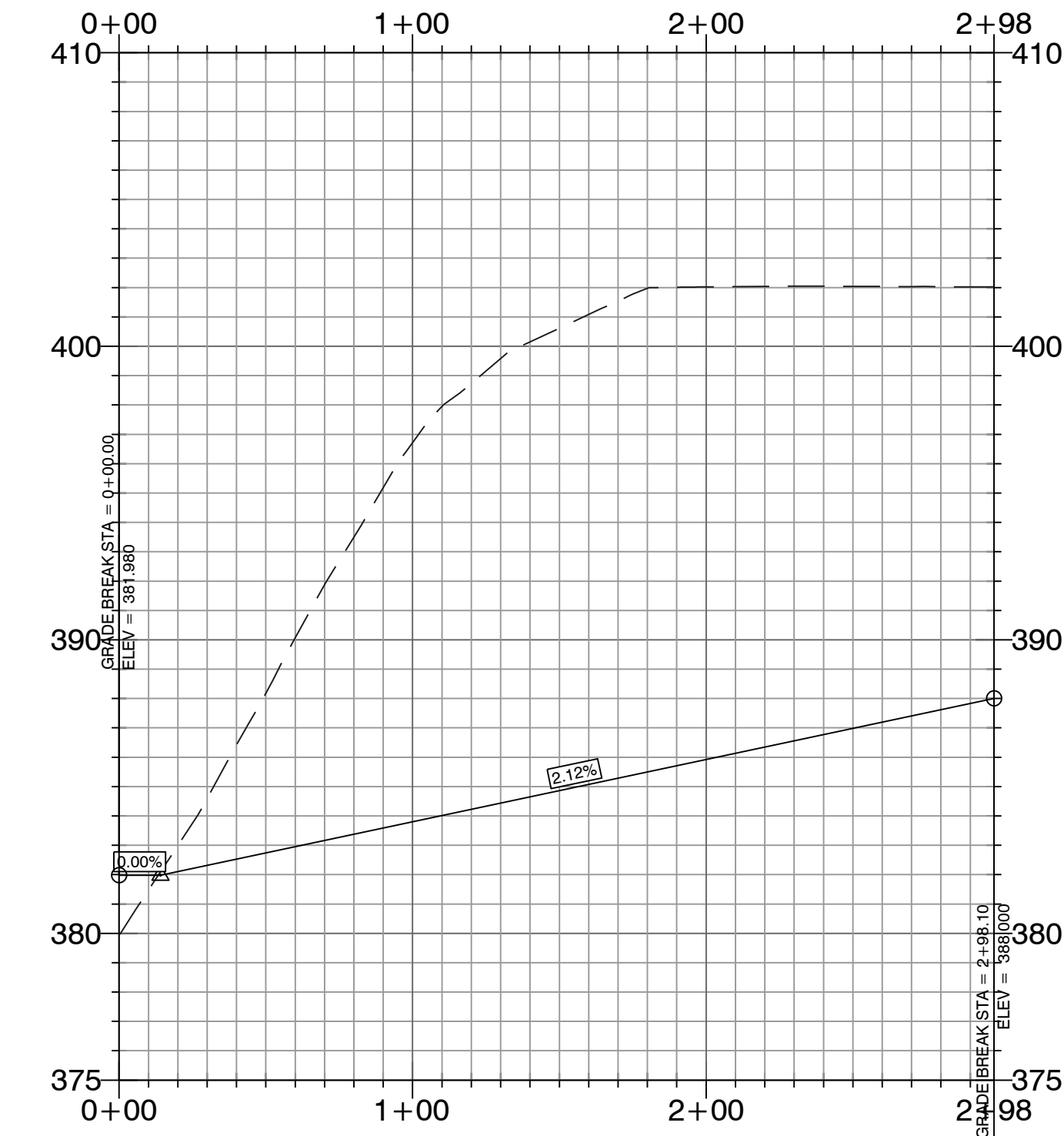
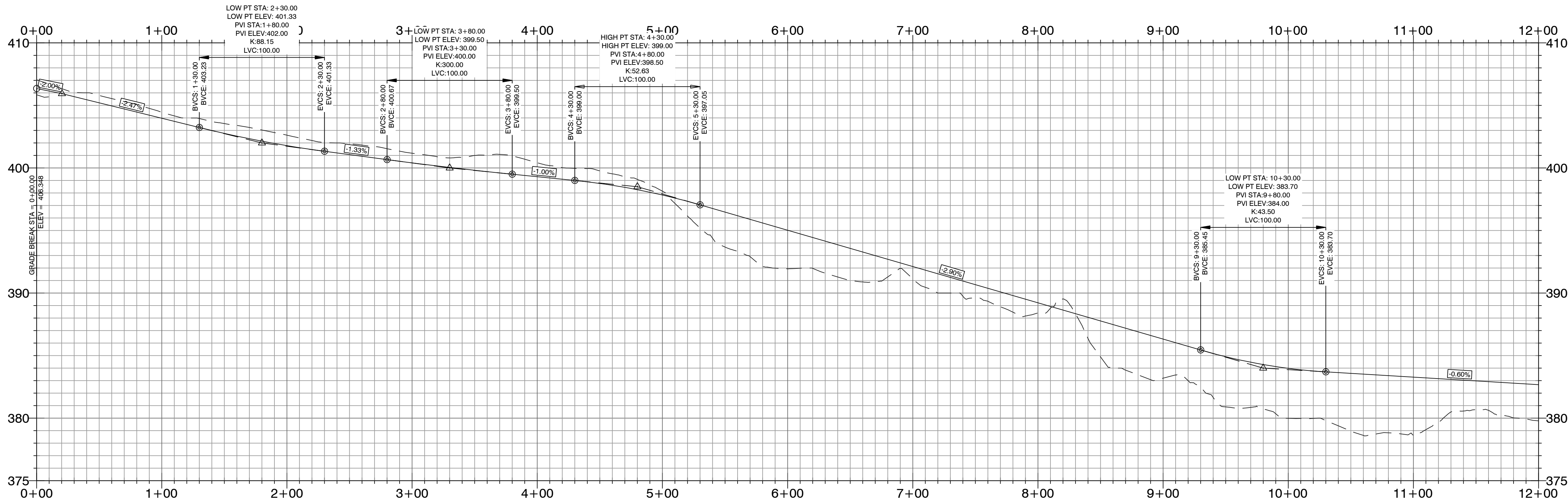
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PHASE-2

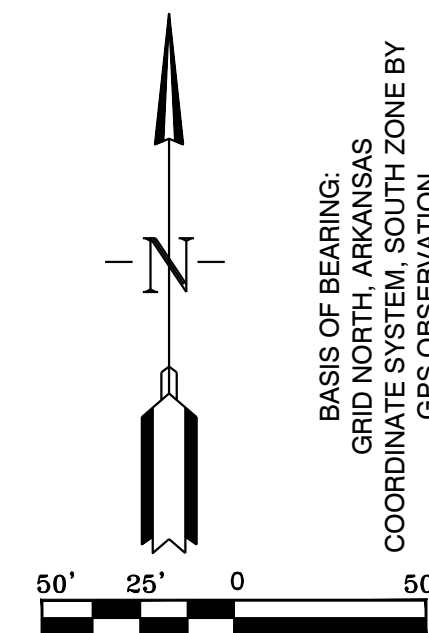


STARLIGHT VILLAGE DRIVE PROFILE

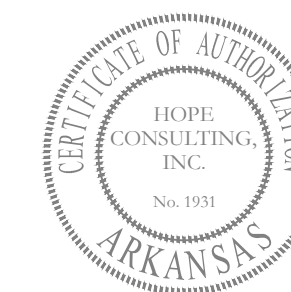
SUNLIGHT AVENUE PROFILE



HDPE
RCP



BASIS OF BEARING:
GRID NORTH, ARKANSAS
COORDINATE NORTH ZONE BY
GPS OBSERVATION



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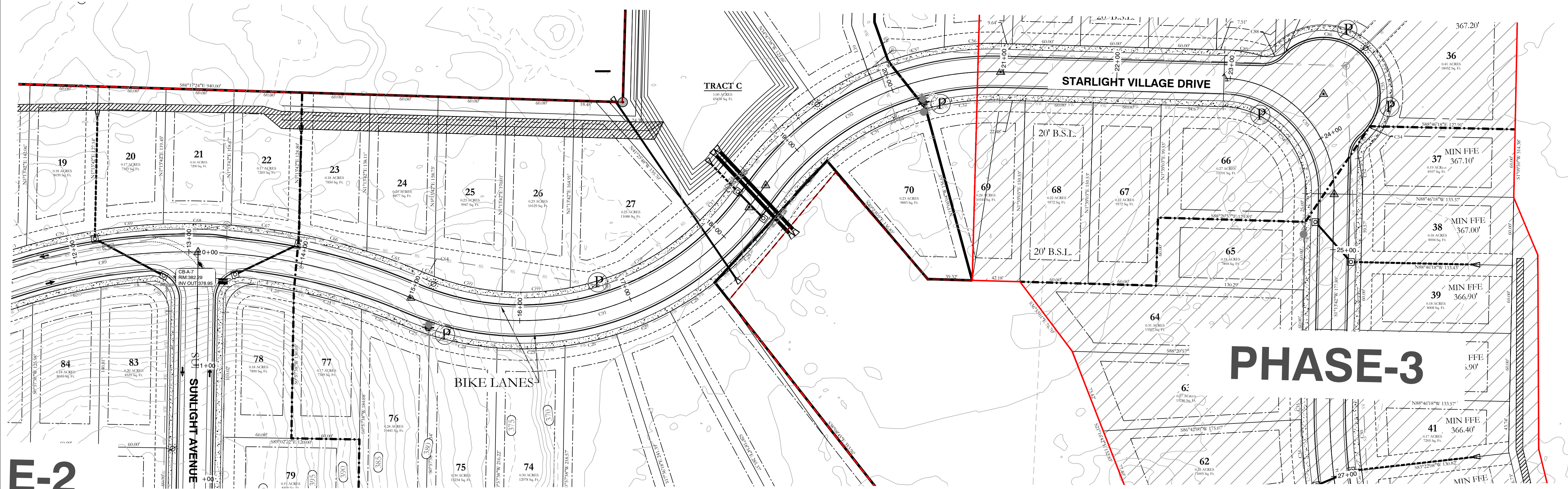
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STARLIGHT VILLAGE SUBDIVISION
STREET PLAN AND PROFILES
A SUBDIVISION IN CITY OF BRYANT, SALINE COUNTY, ARKANSAS

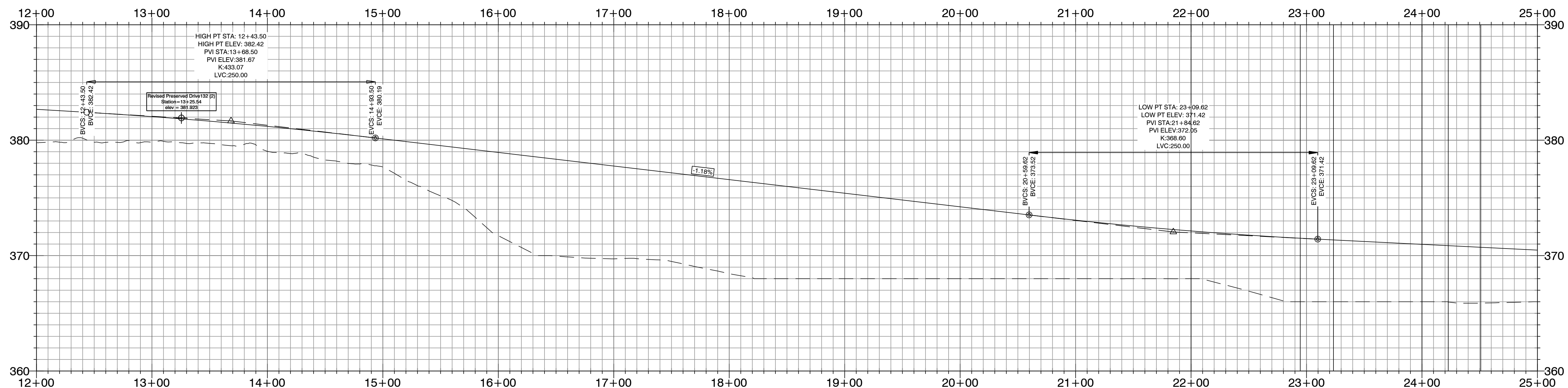
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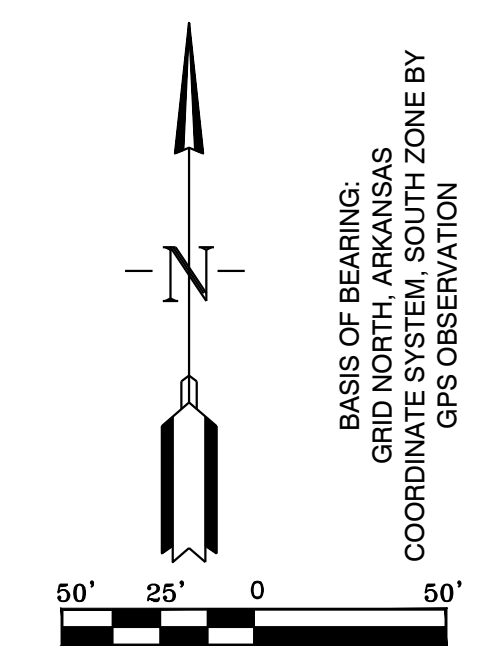


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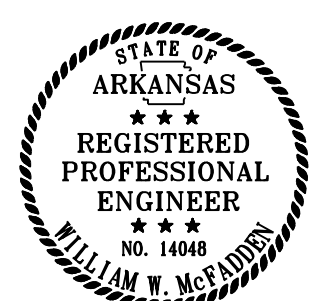
STARLIGHT VILLAGE DRIVE PROFILE



HDPE
RCP



BASIS OF BEARING:
GRID NORTH, ARKANSAS
COORDINATE NORTH, SCOTT ZONE BY
GPS OBSERVATION



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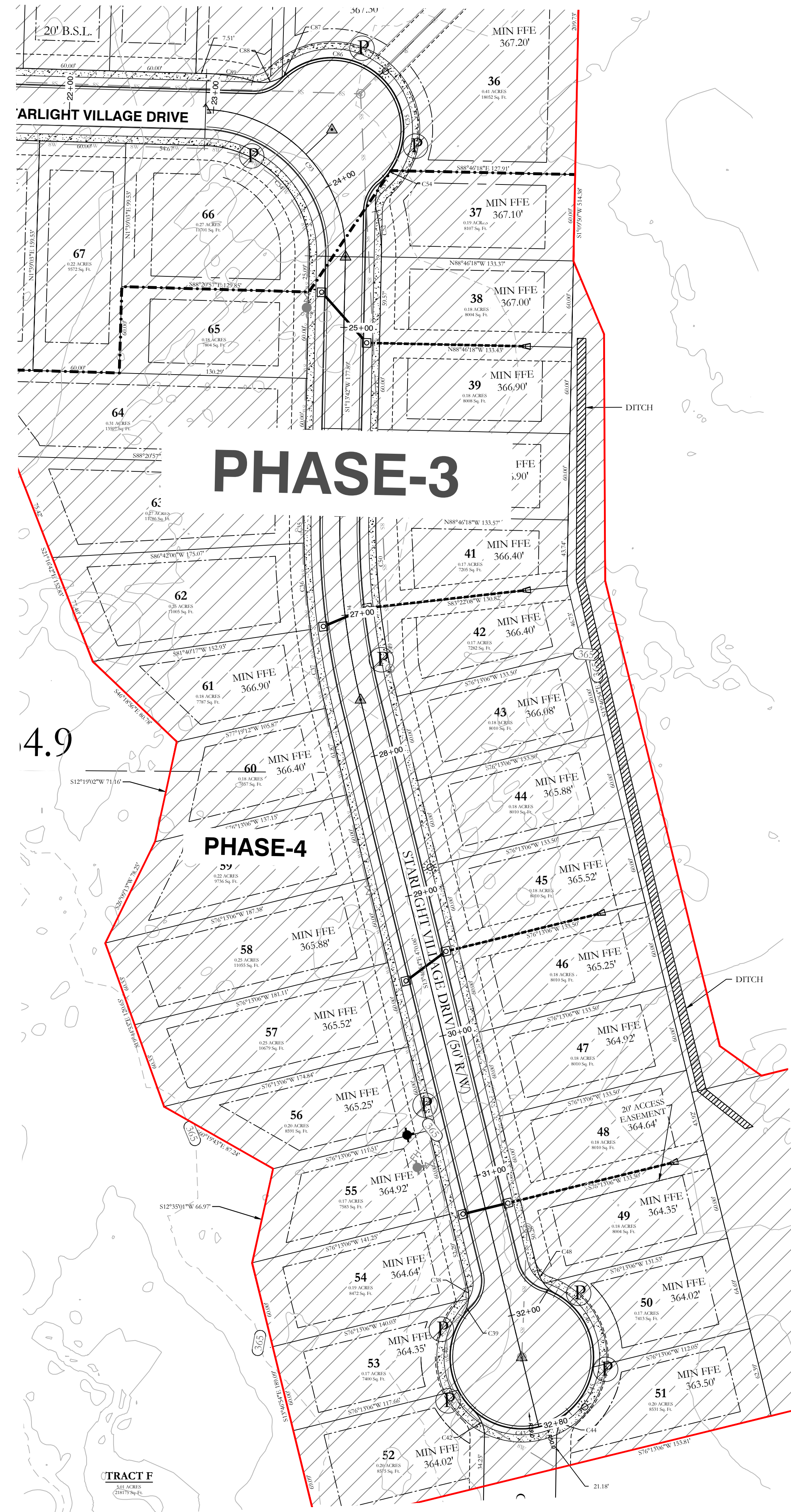
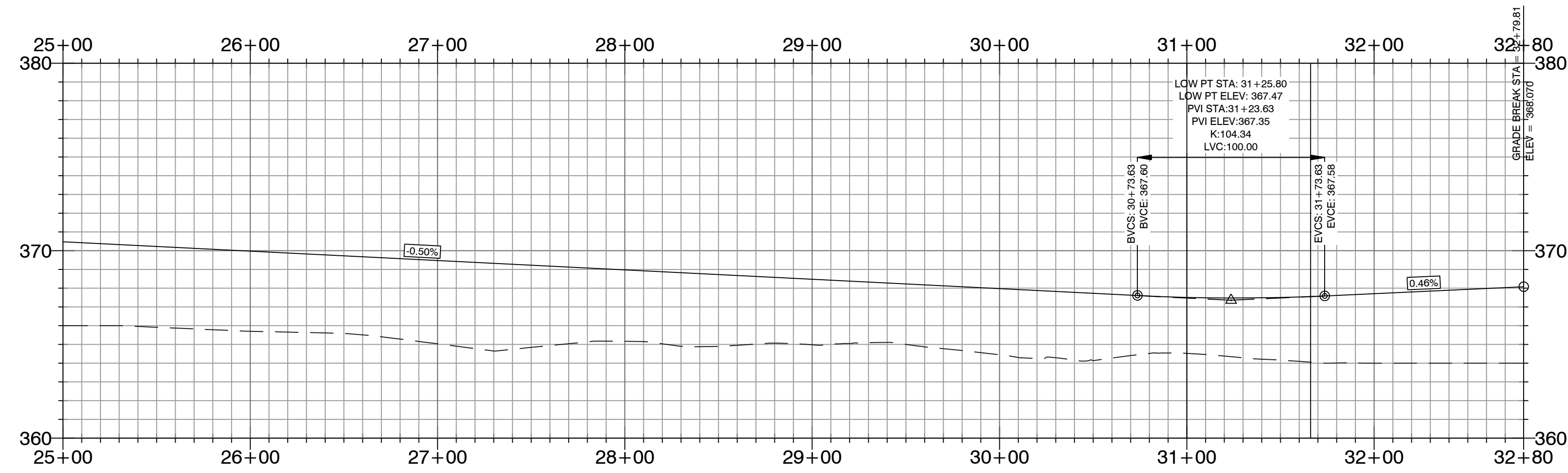
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STREET PLAN AND PROFILE
A SUBDIVISION IN CITY OF BRYANT, SALINE COUNTY, ARKANSAS

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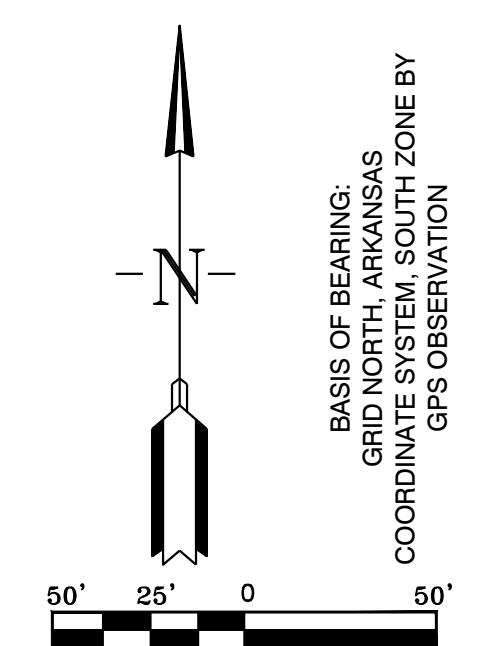
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STARLIGHT VILLAGE DRIVE PROFILE



4.9

--- HDPE
 — RCP



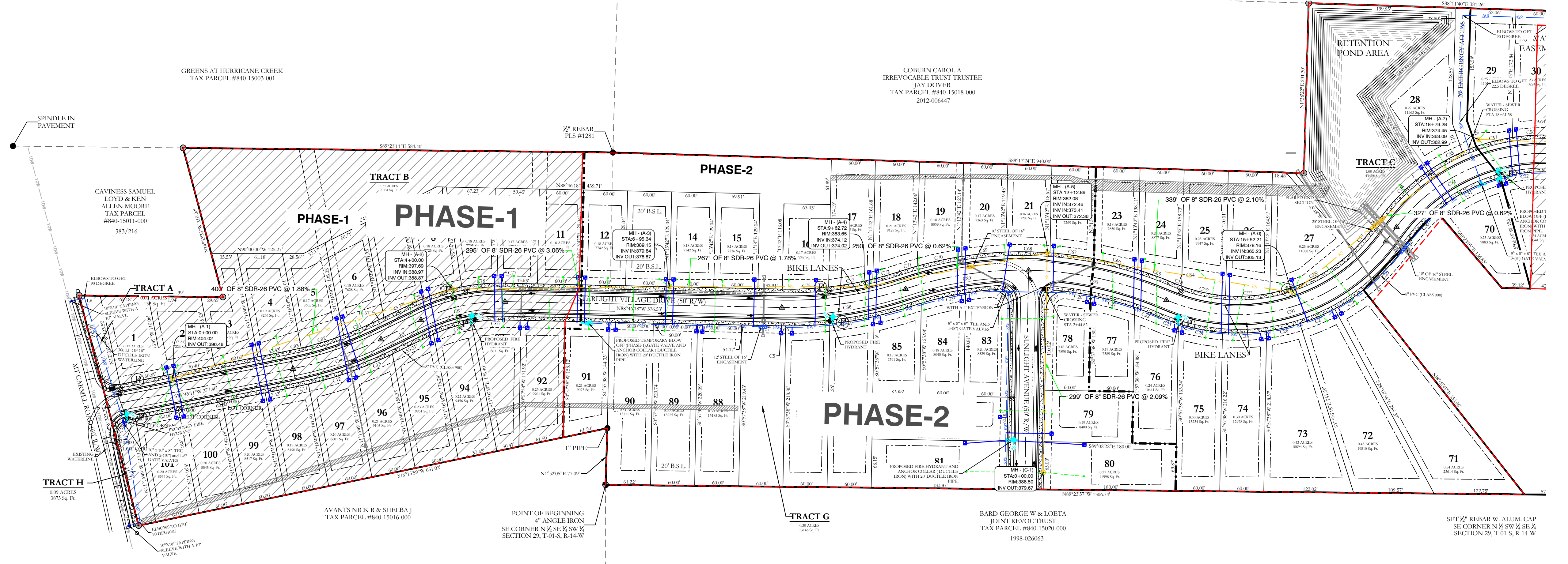
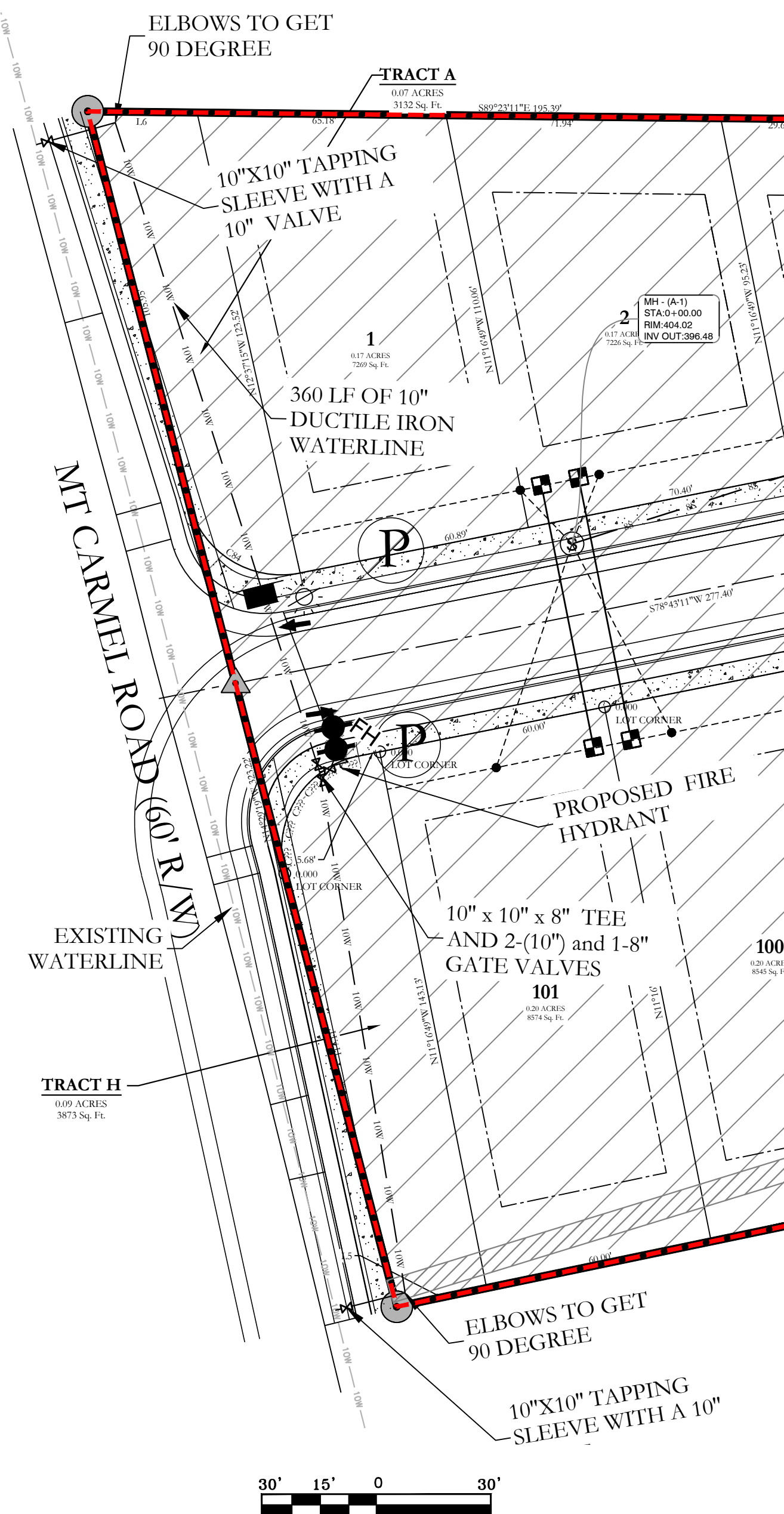
BASIS OF BEARING:
 GRID NORTH, ARKANSAS
 COORDINATE SYSTEM, SOUTH ZONE BY
 GPS OBSERVATION



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FOR USE AND BENEFIT OF: WIGGINS FAMILY REAL ESTATE HOLDINGS, LLC		
STARLIGHT VILLAGE SUBDIVISION STREET PLAN AND PROFILE A SUBDIVISION IN CITY OF BRYANT, SALINE COUNTY, ARKANSAS		
DATE: 10/5/2023	C.A.D. BY:	DRAWING NUMBER:
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SHEET: C-1.3	SCALE:	

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WATER & SEWER UTILITY NOTES:

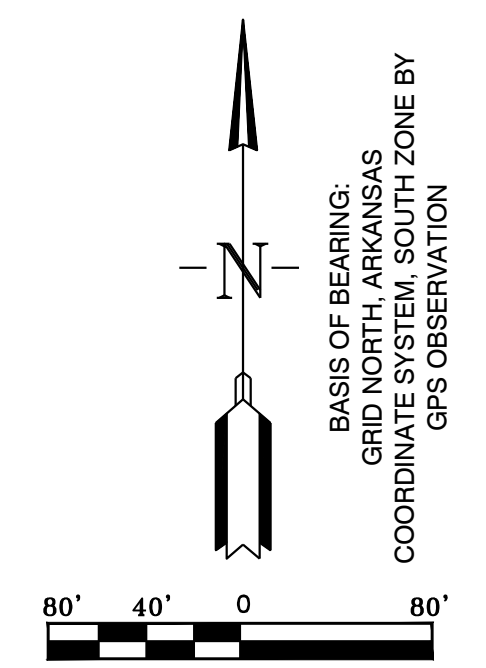
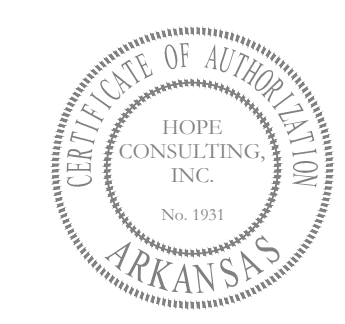
- ALL NEW 8-INCH WATER MAINS TO BE CLASS 900.
- ALL WATER MAINS LARGER THAN 8" DIAMETER SHALL BE DUCTILE IRON (250 PSI PRESSURE CLASS).
- ALL WATER AND SEWER INSTALLATION TO BE IN ACCORDANCE WITH THE CITY OF BRYANT "STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF WATER LINES AND SEWER LINES, 2015 EDITION".
- WATER LINES UNDER CULVERTS, CREEKS, CONCRETE CHANNELS, RETAINING WALLS, OR OTHER DIFFICULT AND/OR DANGEROUS TO MAINTAIN AREAS SHALL BE ENCASED IN A SMOOTH STEEL ENCASUREMENT PIPE. THE STEEL ENCASUREMENT SHALL EXTEND FIVE FEET EITHER SIDE OF THE AREA.
- EACH WATER SERVICE METER MUST HAVE ITS OWN SERVICE LINE CONNECTION TO THE MAIN (INCLUDES DOUBLE METERS DISPLAYED AS ONE SERVICE LINE ON THE PLAN).
- WATER MAIN CONNECTION TO THE NORTH WILL BE CONSTRUCTED IN PHASE 2. CONNECTION TO THE SOUTH WILL BE IN THE FINAL PHASE.

VERTICAL SEPARATION OF WATER AND SANITARY SEWER NOTE:

WATER MAINS AND SANITARY SEWERS SHALL BE CONSTRUCTED AS FAR APART AS PRACTICABLE AND SHALL BE SEPARATED BY UNDISTURBED AND COMPACT EARTH. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHOULD BE MAINTAINED BETWEEN WATER LINES AND SEWER LINES OR OTHER SOURCES OF CONTAMINATION. WATER MAINS NECESSARILY IN CLOSE PROXIMITY TO SEWER MUST BE PLACED SO THAT THE BOTTOM OF THE WATER LINE WILL BE AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER LINE. IF THIS DISTANCE MUST UNAVOIDABLY PASS BENEATH THE SEWER LINE, AT LEAST 18-INCHES SEPARATION MUST BE MAINTAINED BETWEEN THE OUTSIDE OF THE TWO PIPES IN ADDITION TO THE PRECEDING ENCASUREMENT REQUIREMENT.

SEWER CONSTRUCTION NOTES:

- ALL SEWER INSTALLATION TO BE IN ACCORDANCE WITH THE CITY OF BRYANT "STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF WATER LINES AND SEWER LINES, 2015 EDITION".
- ALL SEWER LINES CROSSING UNDER ALL CONCRETE STORM DRAINS OR ANY STORM DRAIN 30-INCH DIAMETER AND LARGER, OR ALL STORM DRAINS WITH MULTIPLE PIPE RUNS, SHALL BE STEEL ENCASED A MINIMUM OF 5 FEET EITHER SIDE OF THE STORM DRAIN.



SEWER LEGEND:	
	SEWER SERVICE
	SEWER MAIN
	SEWER MANHOLE

NOTE:
USE SDR-26 PVC SEWER PIPE EXCEPT WHERE DUCTILE IRON PIPE REQUIRED FOR COVER. USE DUCTILE IRON PIPE WHERE 3' MINIMUM COVER CANNOT BE MAINTAINED.

CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL BURIED UTILITIES PRIOR TO CONSTRUCTION.

WATER LEGEND:	
	DUAL WATER METERS
	SINGLE WATER METER
	GATE VALVE
	45° FITTING
	90° FITTING
	TEE FITTING
	CROSS FITTING
	FIRE HYDRANT

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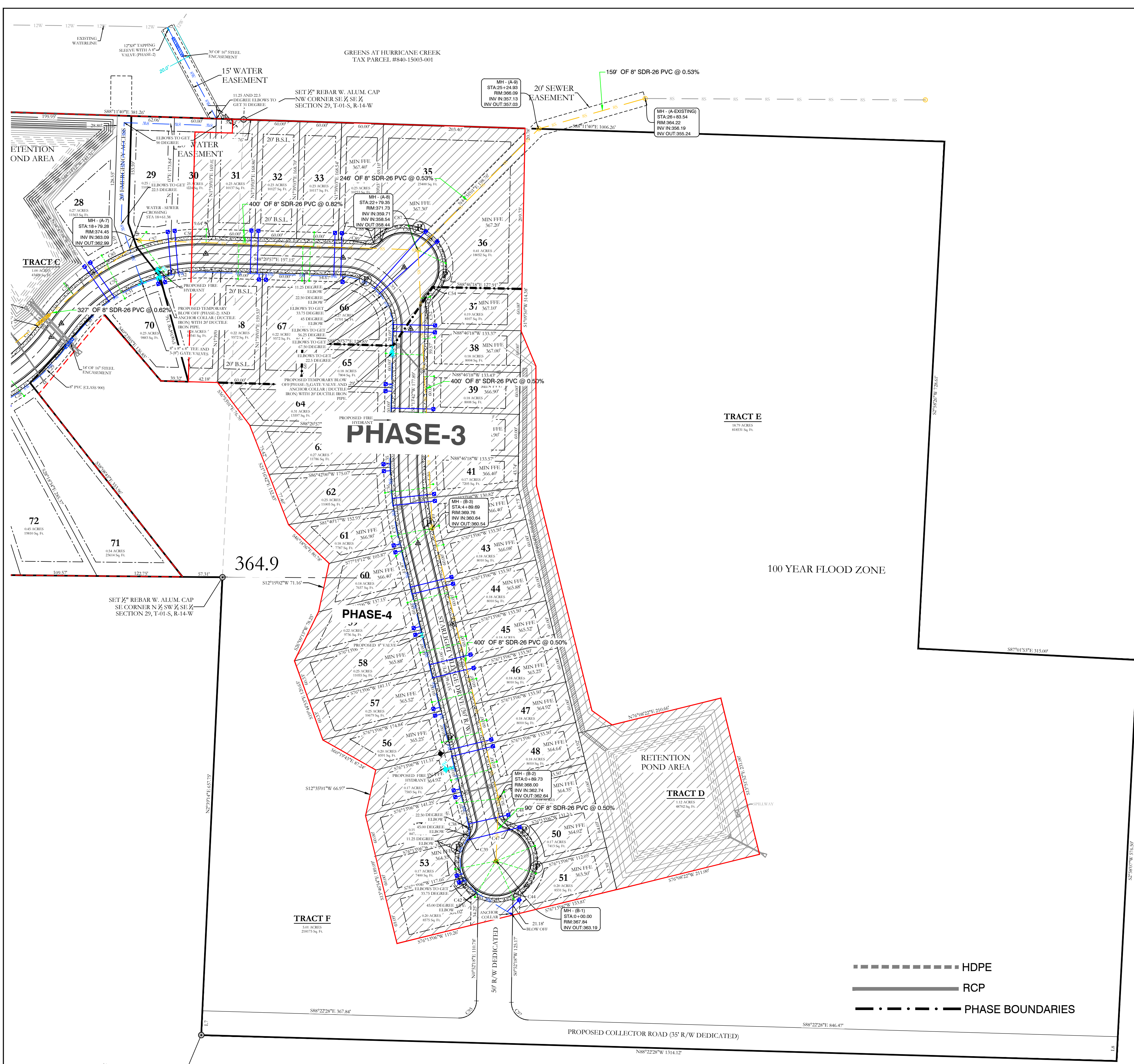
FOR USE AND BENEFIT OF:
WIGGINS FAMILY REAL ESTATE HOLDINGS, LLC

STARLIGHT VILLAGE SUBDIVISION
UTILITY PLAN
A SUBDIVISION IN CITY OF BRYANT, SALINE COUNTY, ARKANSAS

DATE: 10/5/2023	C.A.D. BY:	DRAWING NUMBER:
REVISED:	CHECKED BY:	19-0238
SHEET: C-2.0	SCALE:	

500	1S	15W	0	34	230	62	1807
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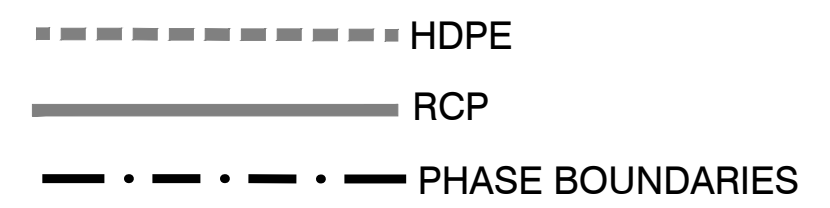
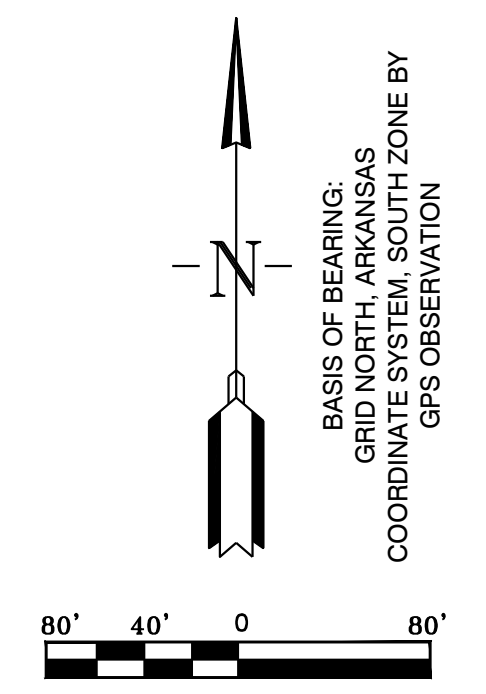


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 2. ALL WATER MAINS LARGER THAN 8" DIAMETER SHALL BE DUCTILE IRON (250 PSI PRESSURE CLASS).
 3. ALL WATER AND SEWER INSTALLATION TO BE IN ACCORDANCE WITH THE CITY OF BRYANT STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF WATER LINES AND SEWER LINES, 2015 EDITION.
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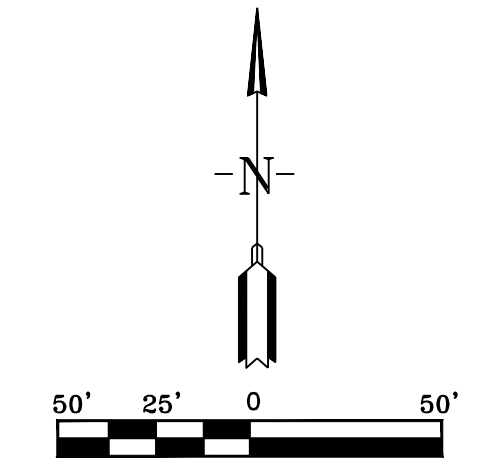
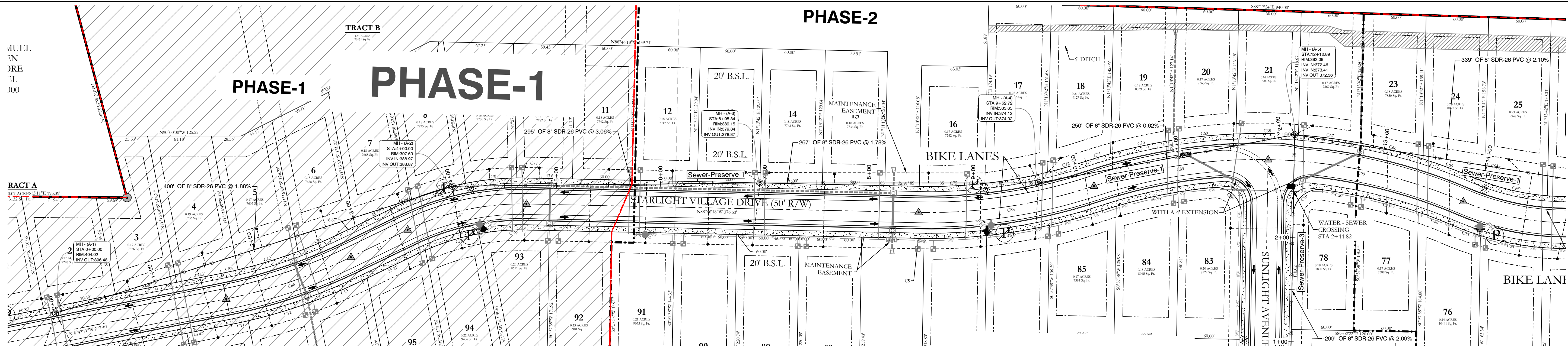
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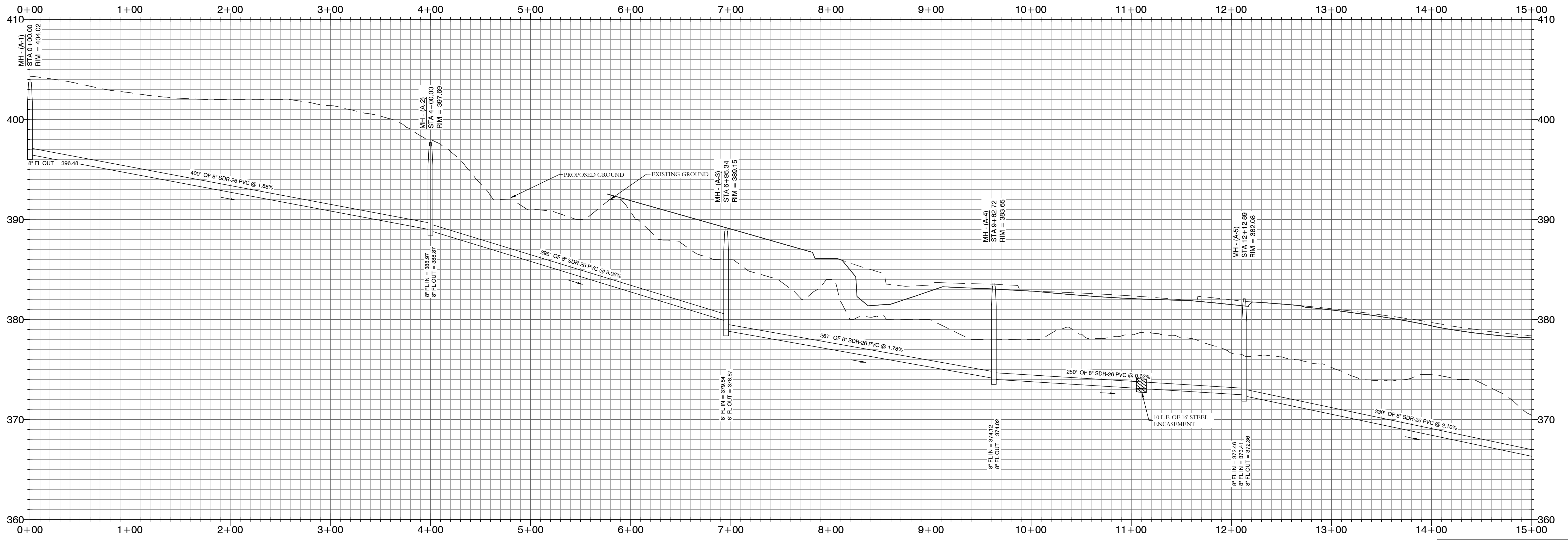
WATER LEGEND:	
	DUAL WATER METERS
	SINGLE WATER METER
	GATE VALVE
	45° FITTING
	90° FITTING
	TEE FITTING
	CROSS FITTING
	FIRE HYDRANT

FOR USE AND BENEFIT OF: WIGGINS FAMILY REAL ESTATE HOLDINGS, LLC			
STARLIGHT VILLAGE SUBDIVISION UTILITY PLAN			
A SUBDIVISION IN CITY OF BRYANT, SALINE COUNTY, ARKANSAS			
DATE: 10/5/2023	C.A.D. BY:	DRAWING NUMBER:	
REVISIONS:	CHECKED BY:	19-0238	
SHEET: C-2.1	SCALE:	500	1S 15W 0 34 230 62 1807

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Sewer-Preserve-1 PROFILE



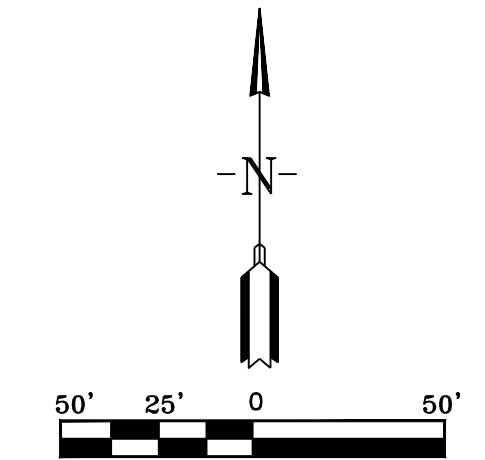
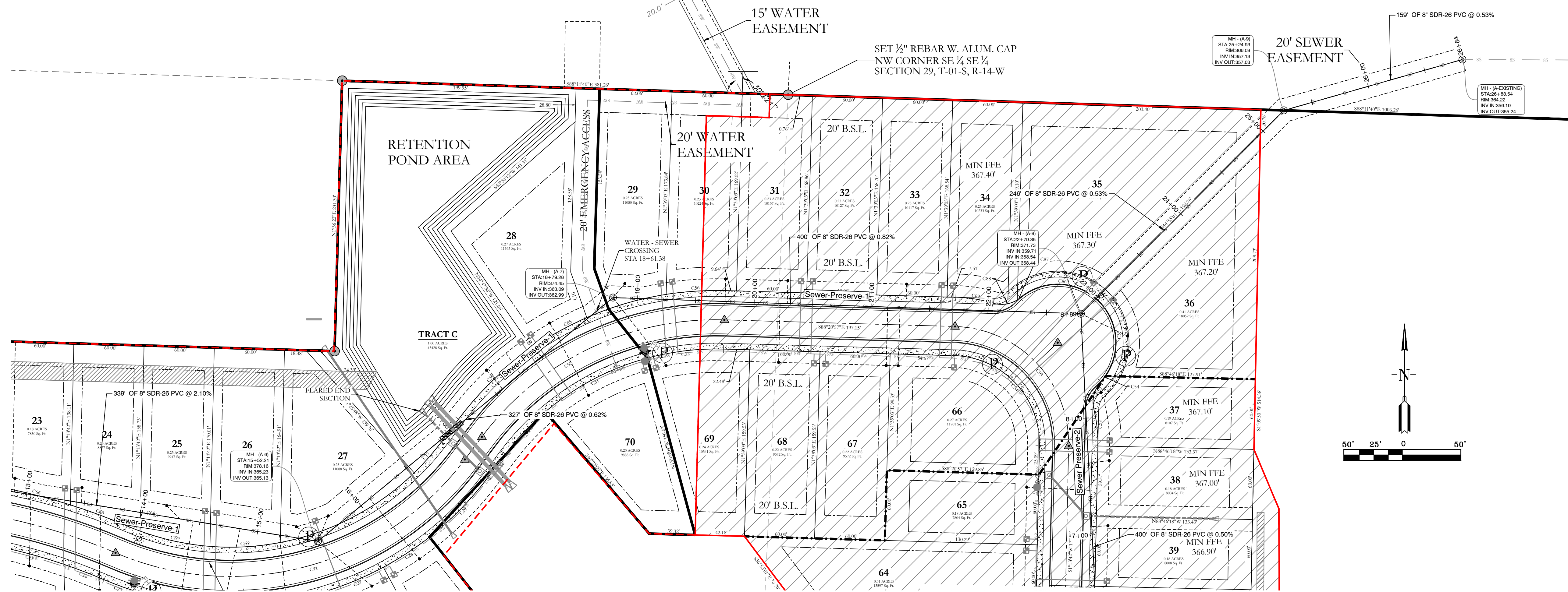
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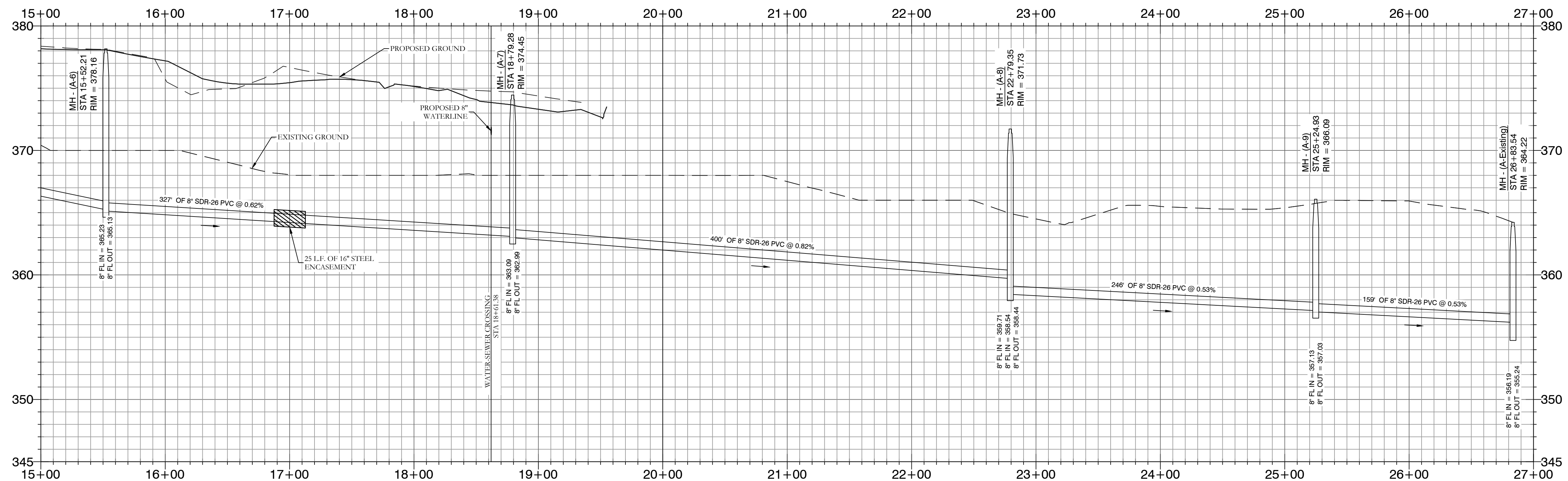
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STARLIGHT VILLAGE SUBDIVISION SEWER PLAN AND PROFILE A SUBDIVISION IN CITY OF BRYANT, SALINE COUNTY, ARKANSAS		
DATE: 10/5/2023	C.A.D. BY:	DRAWING NUMBER:
REVISIONS:	CHECKED BY:	19-0238
SHEET: C-2.2	SCALE:	
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Sewer-Preserve-1 PROFILE



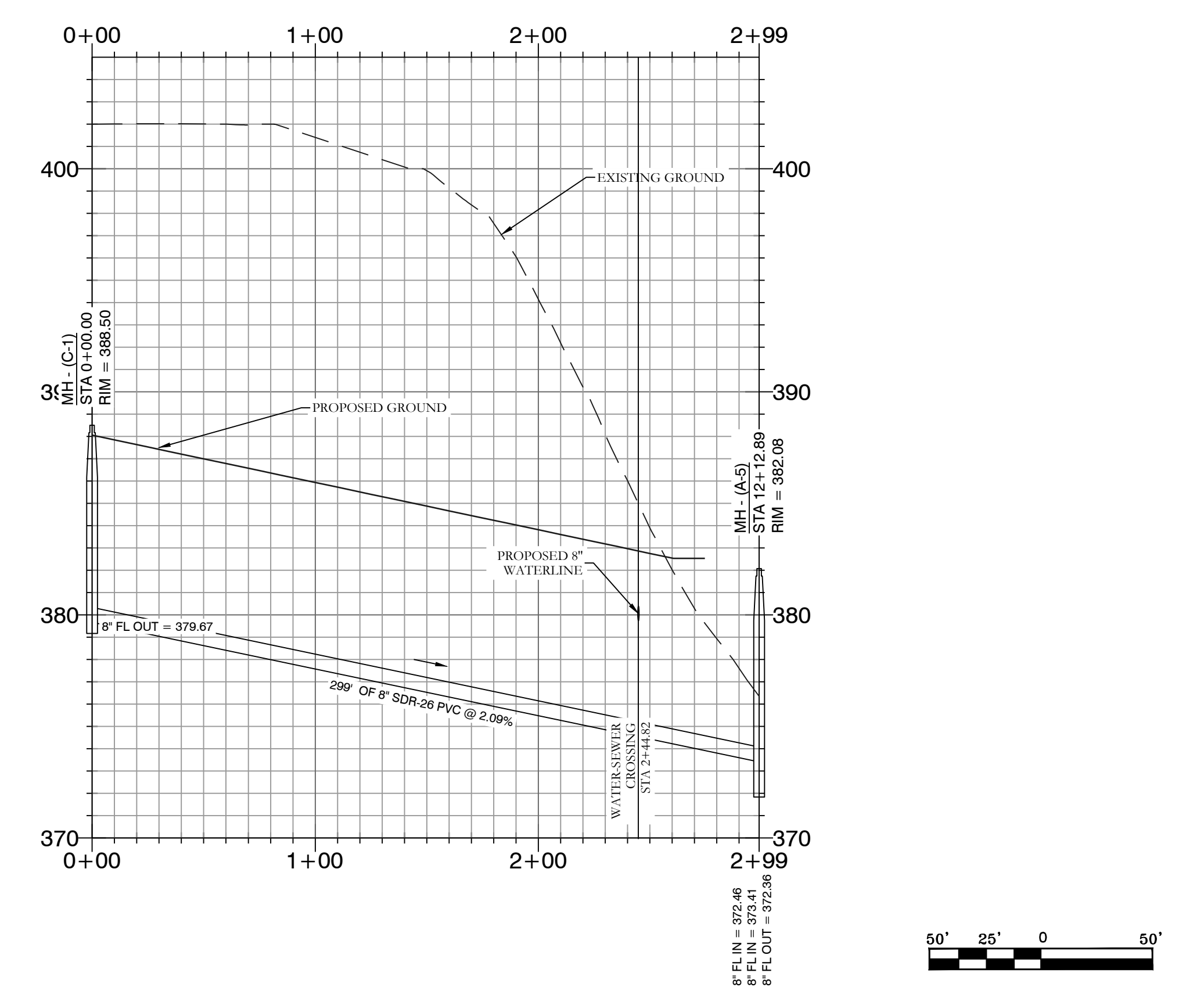
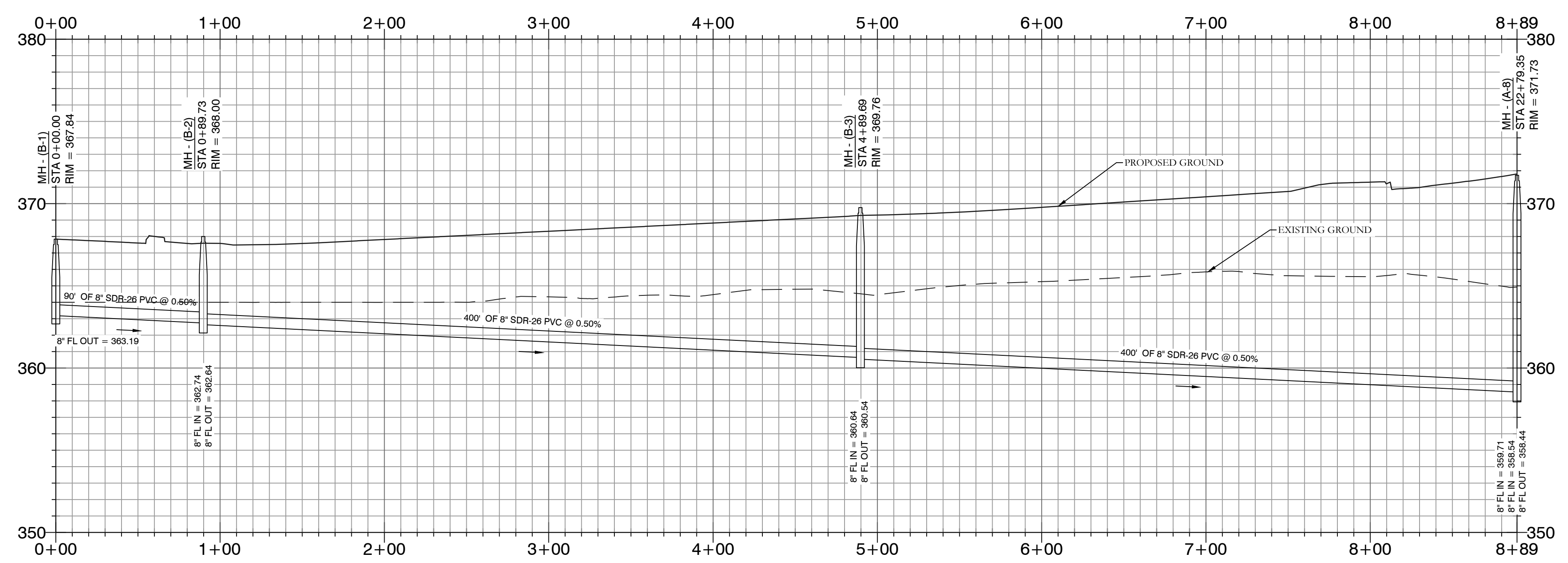
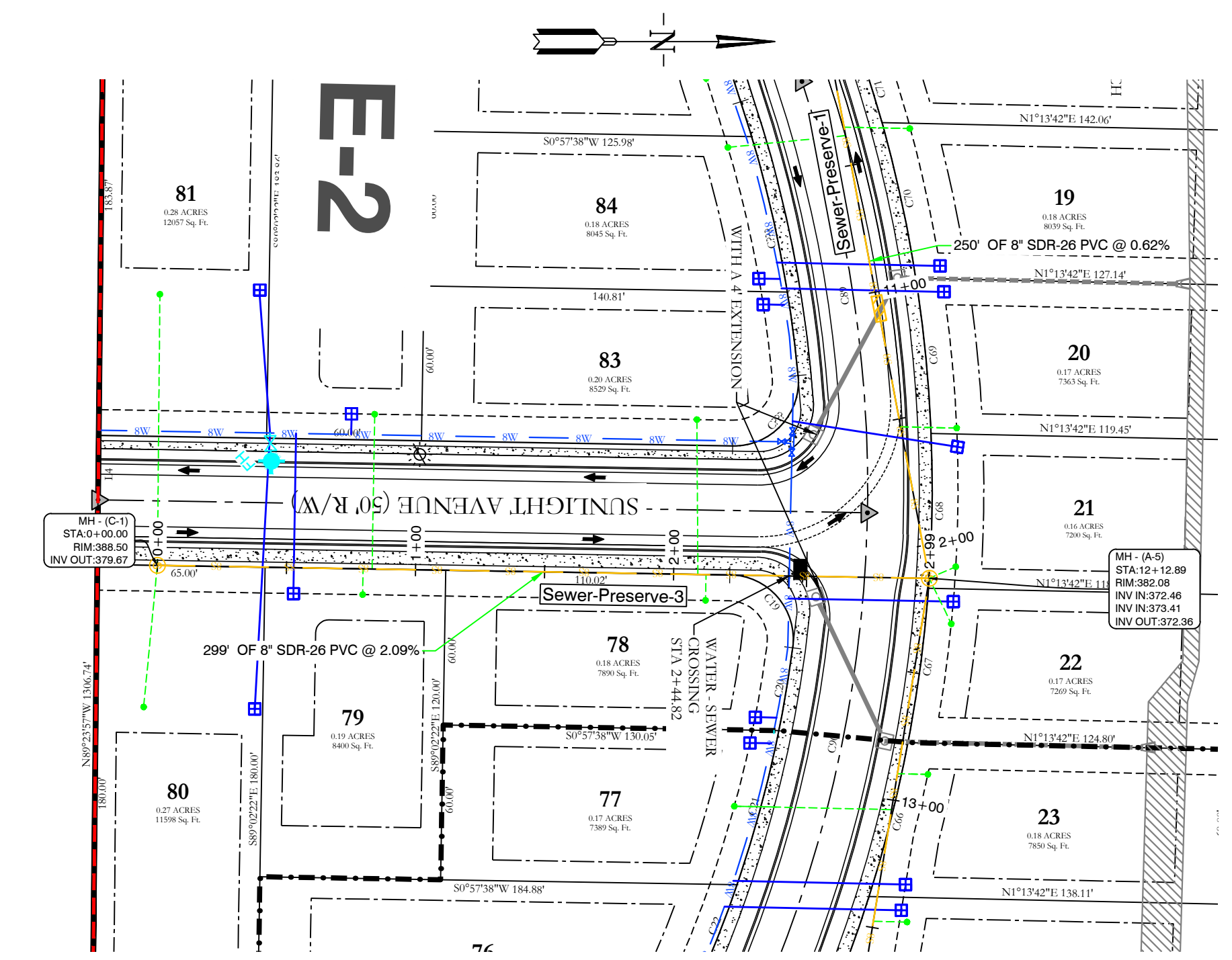
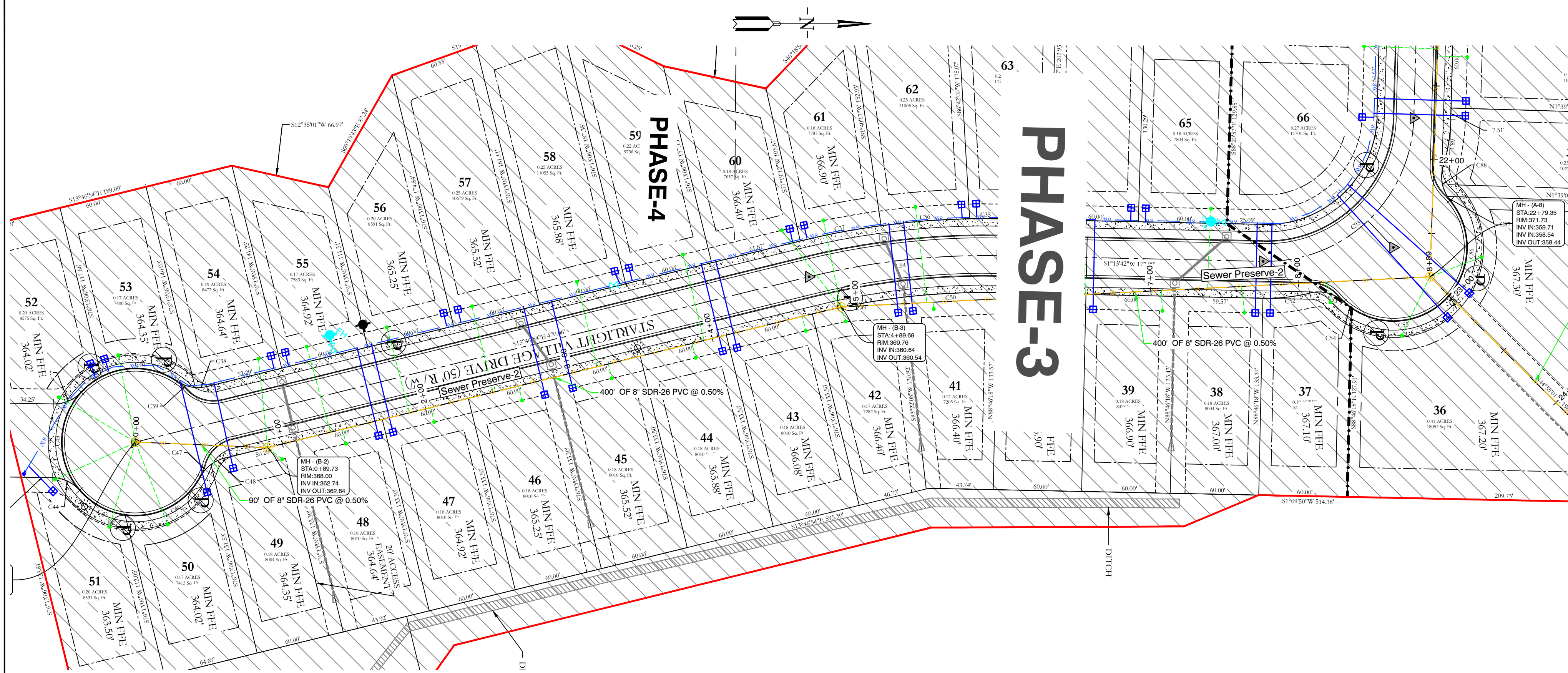
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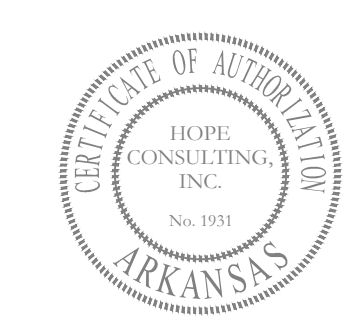
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SHEET: C-24	SCALE:	
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CAVINNESS SAMUEL
LOYD & KEN
ALLEN MOORE
TAX PARCEL
#840-15011-000
383/216

PHASE-1

PHASE-2

PHASE-2

AVANTS NICK R & SHELBA J
TAX PARCEL #840-15016-000

POINT OF BEGINNING
4" ANGLE IRON
SE CORNER N 1/2 SE 1/4 SW 1/4
SECTION 29, T-01-S, R-14-W

BARD GEORGE W & LOETA
JOINT REVOC TRUST
TAX PARCEL #840-15020-000
1998-026063

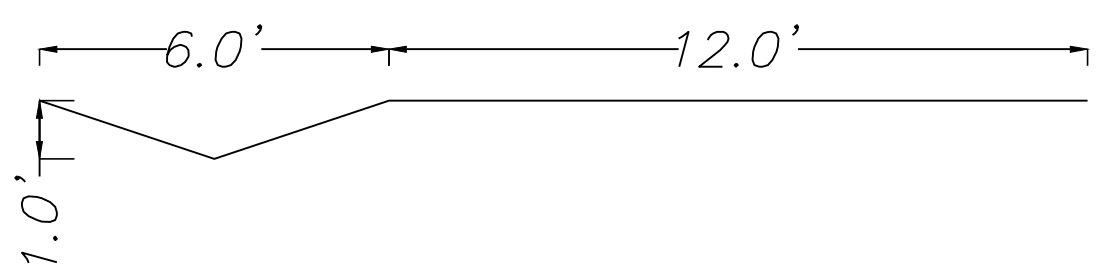
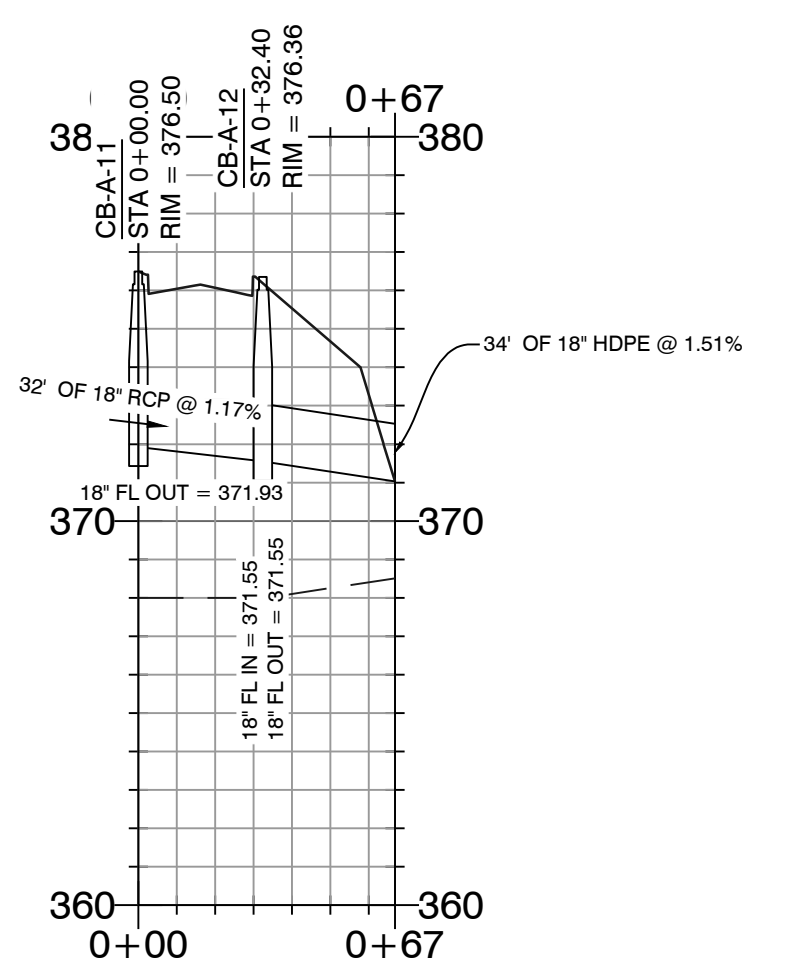
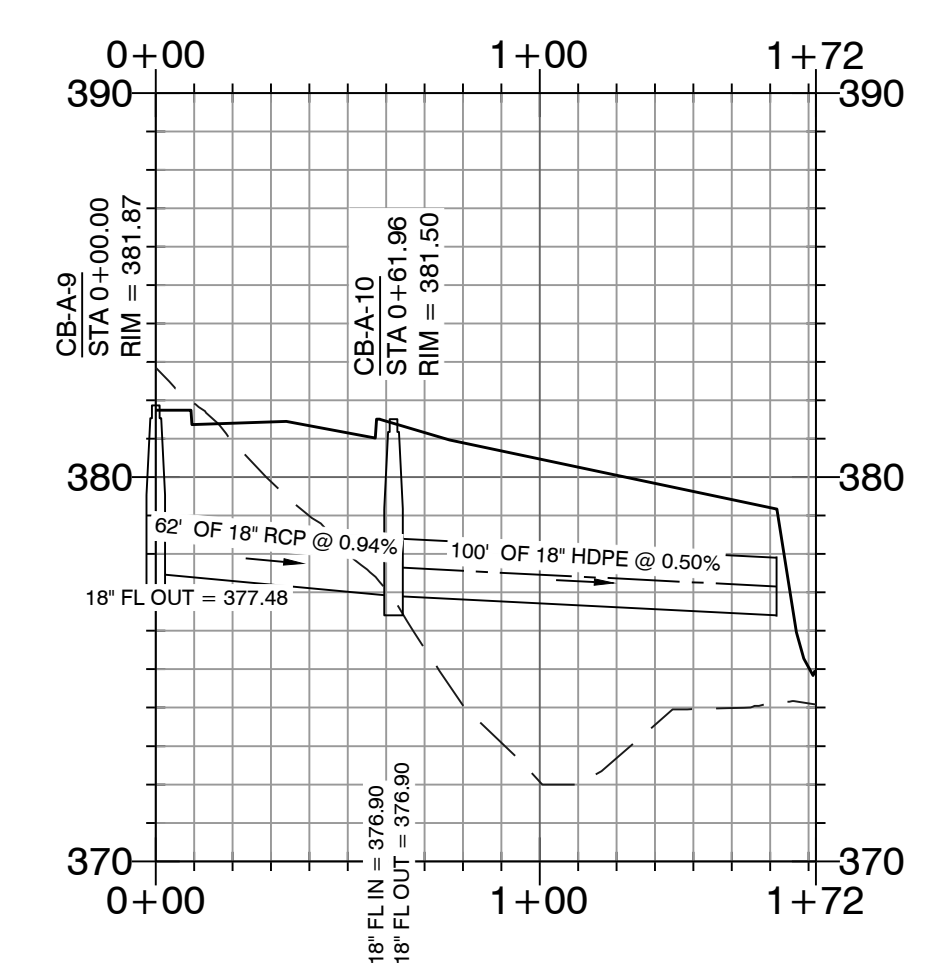
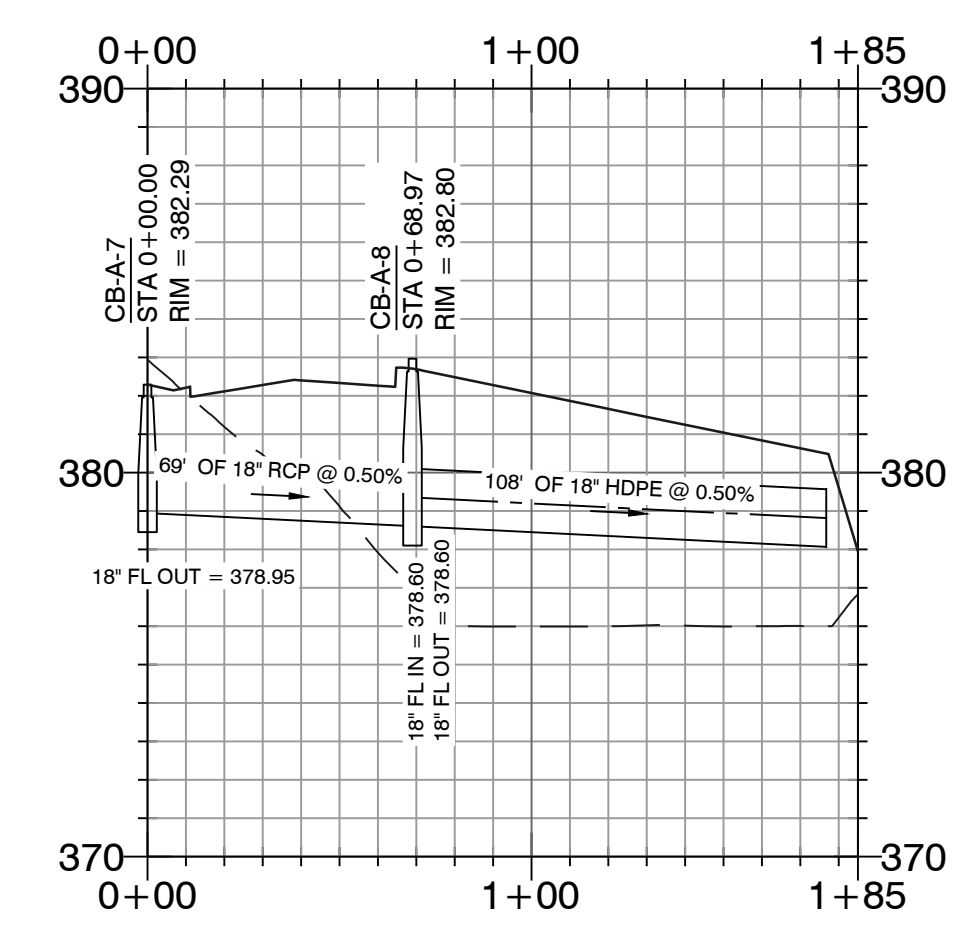
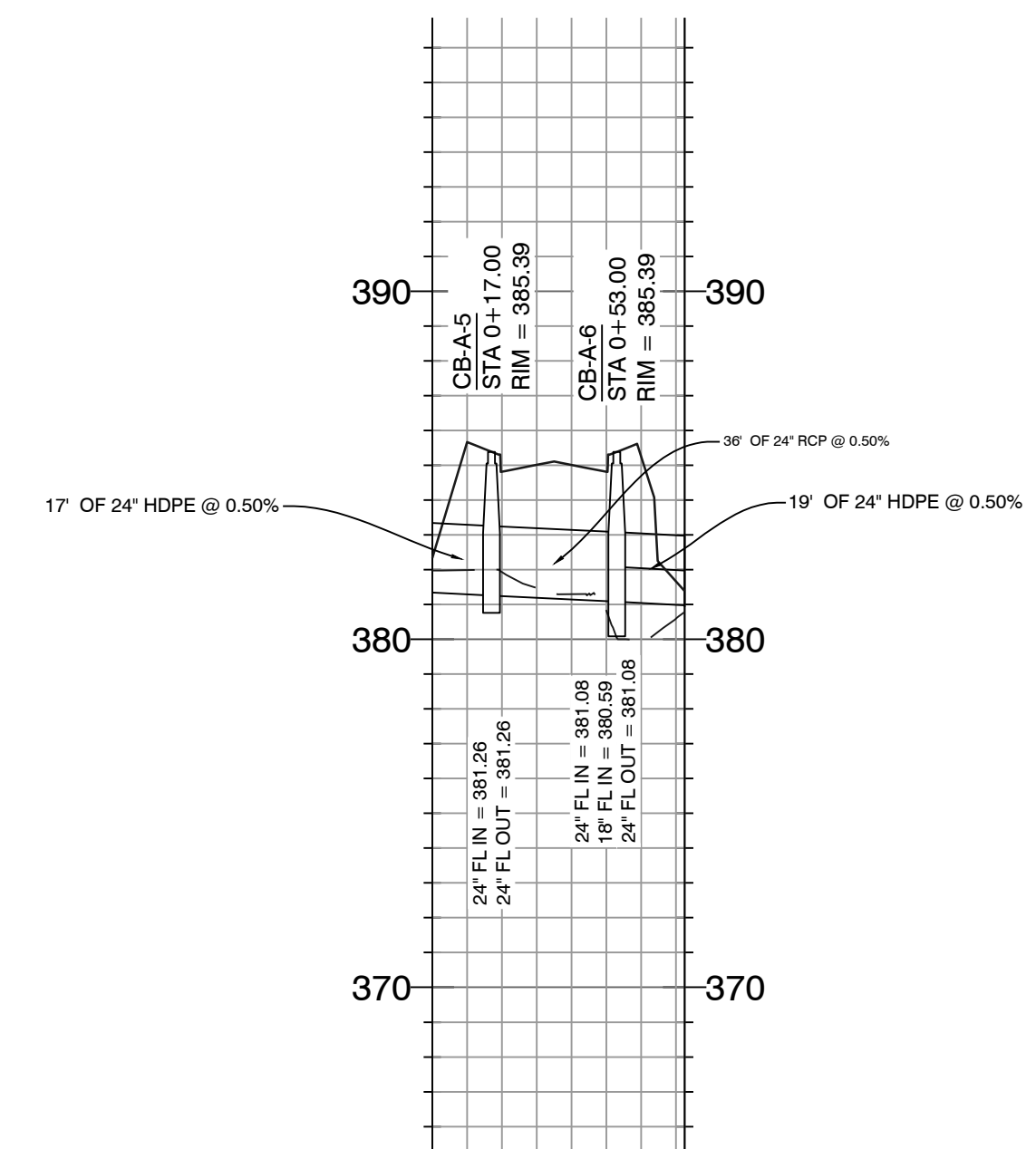
TRACT A
TRACT B
TRACT G
TRACT H

MICHAEL ROAD (60' R/W)

STARLIGHT VILLAGE DRIVE (50' R/W)

SUNLIGHT AVENUE (50' R/W)

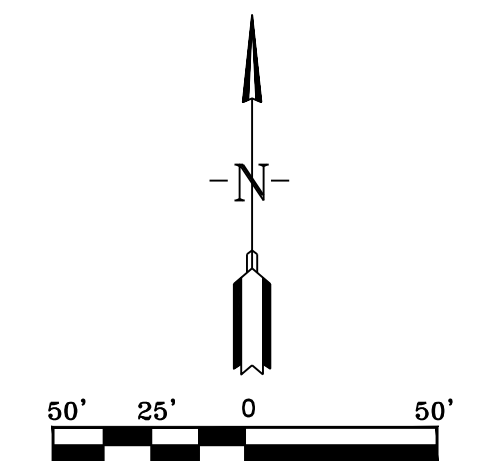
BIKE LANES



6' DITCH

GENERAL NOTES

- 6' ditches will have a 3:1 slope ratio
- 6' ditches will have solid sod stabilization

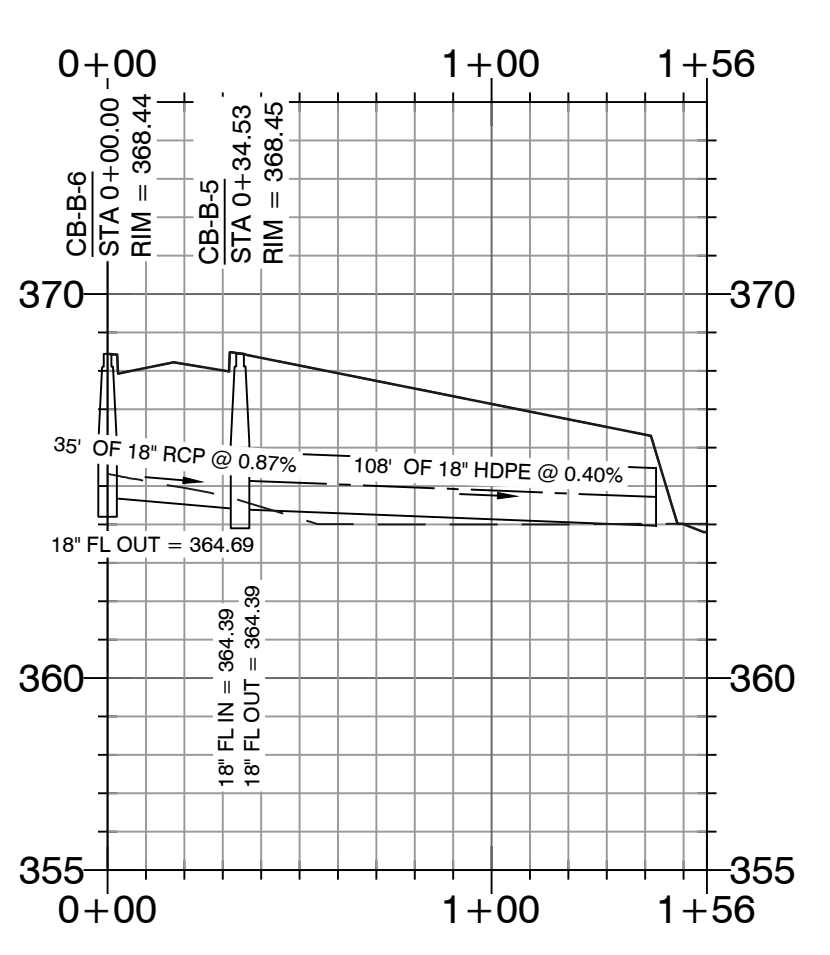
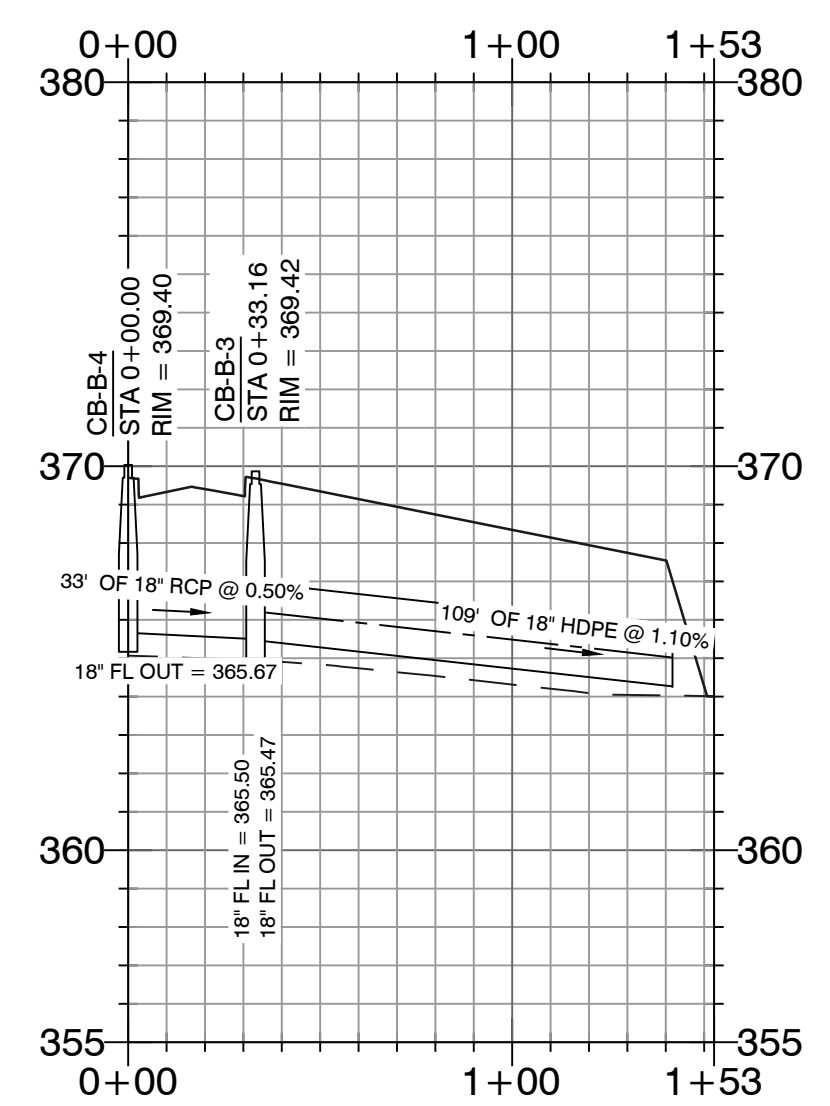
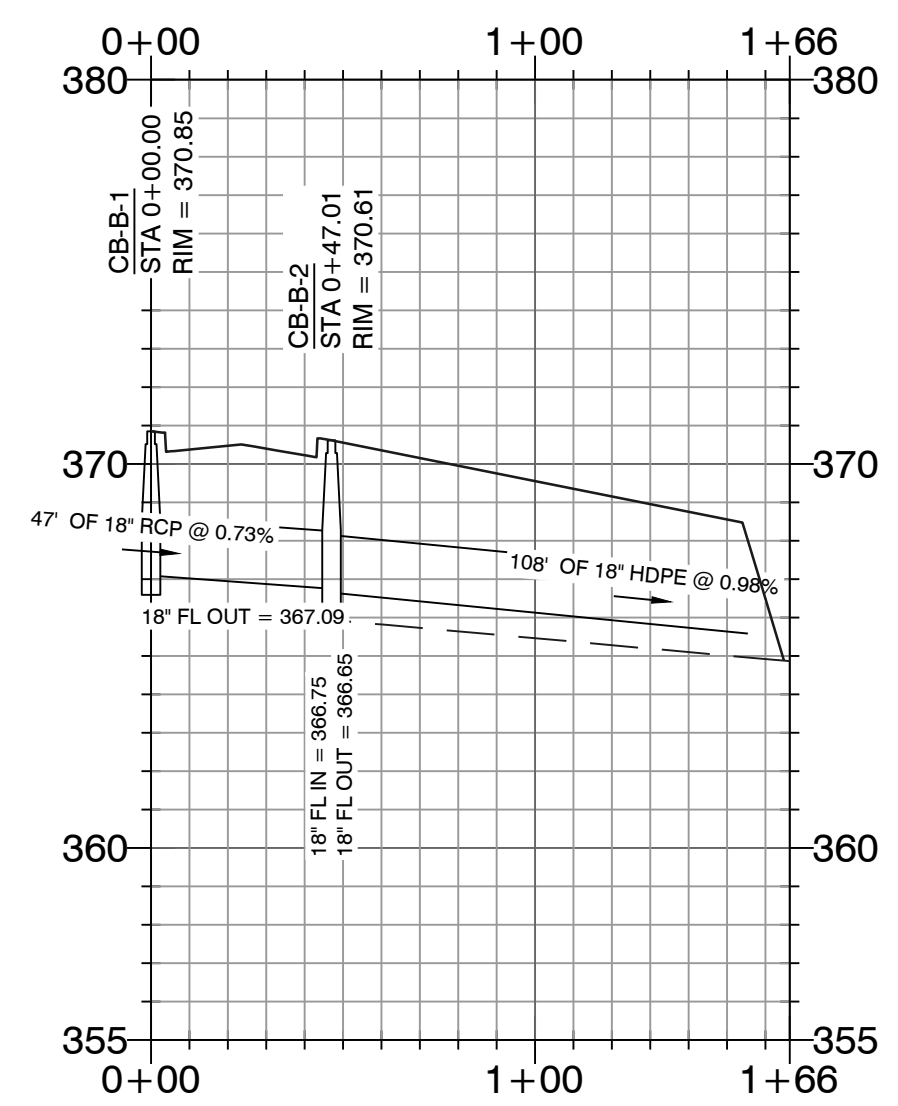
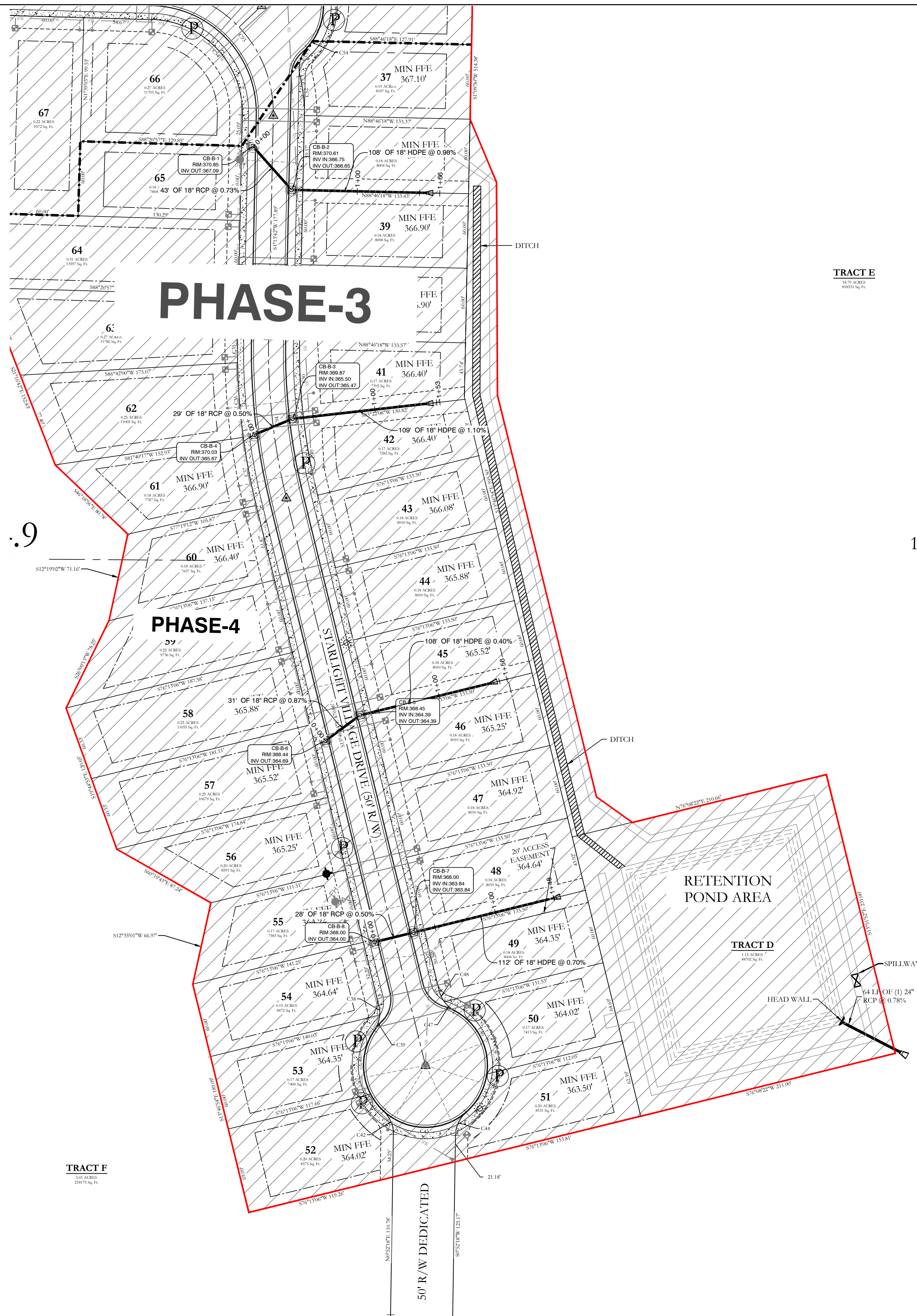


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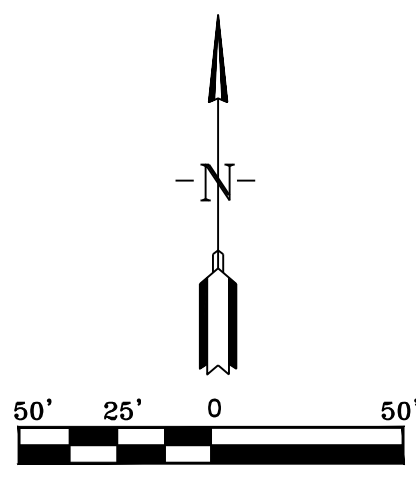
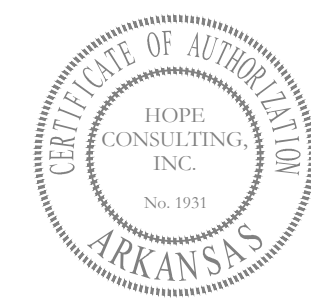
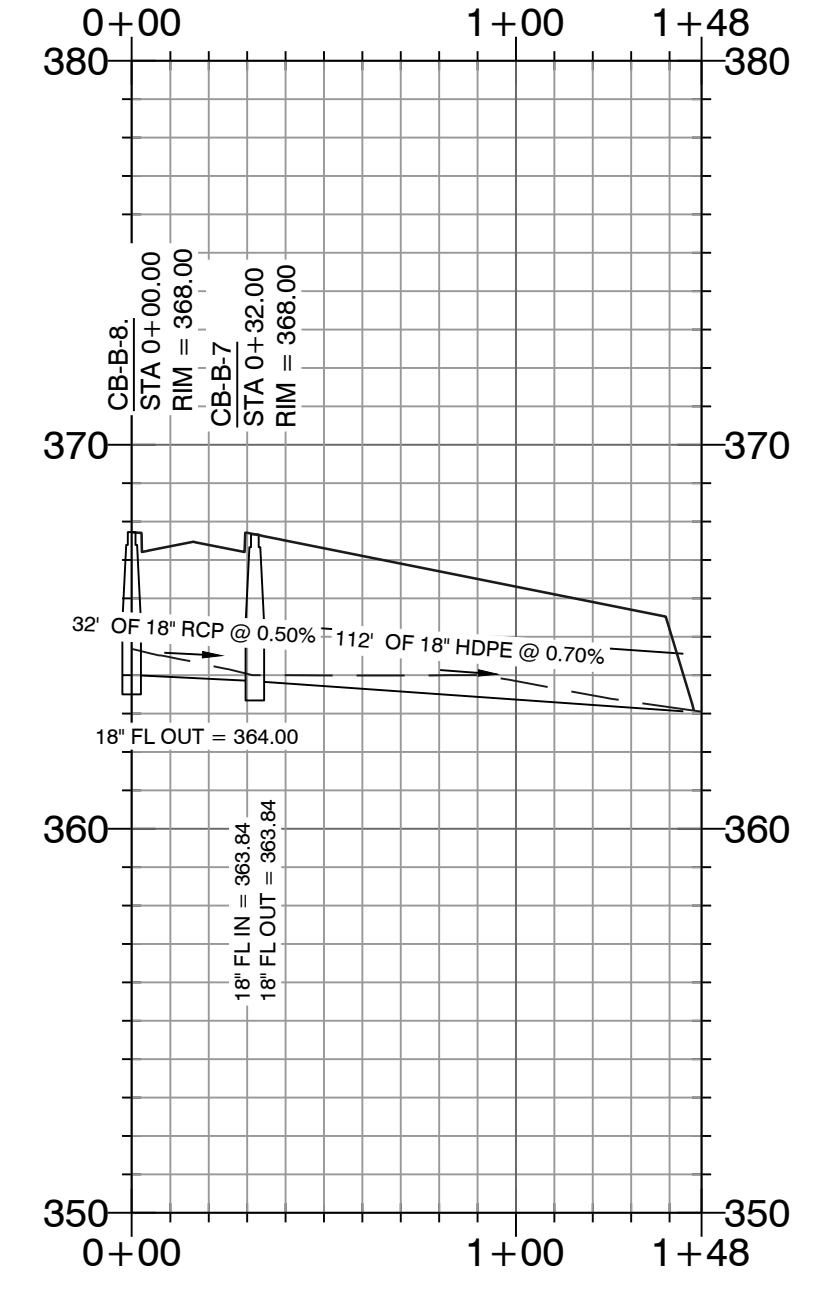
117 S. Market Street,
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PH. (501)315-2626
FAX (501) 315-0024
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FOR USE AND BENEFIT OF: WIGGINS FAMILY REAL ESTATE HOLDINGS, LLC			
STARLIGHT VILLAGE SUBDIVISION STROM DRAINAGE PLAN AND PROFILE A SUBDIVISION IN CITY OF BRYANT, SALINE COUNTY, ARKANSAS			
DATE: 10/5/2023	C.A.D. BY:	DRAWING NUMBER:	
REVISION:	CHECKED BY:	19-0238	
SHEET: C-30	SCALE:		
500	1S	15W	0 34 230 62 1807

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100 YEAR FLOOD ZONE



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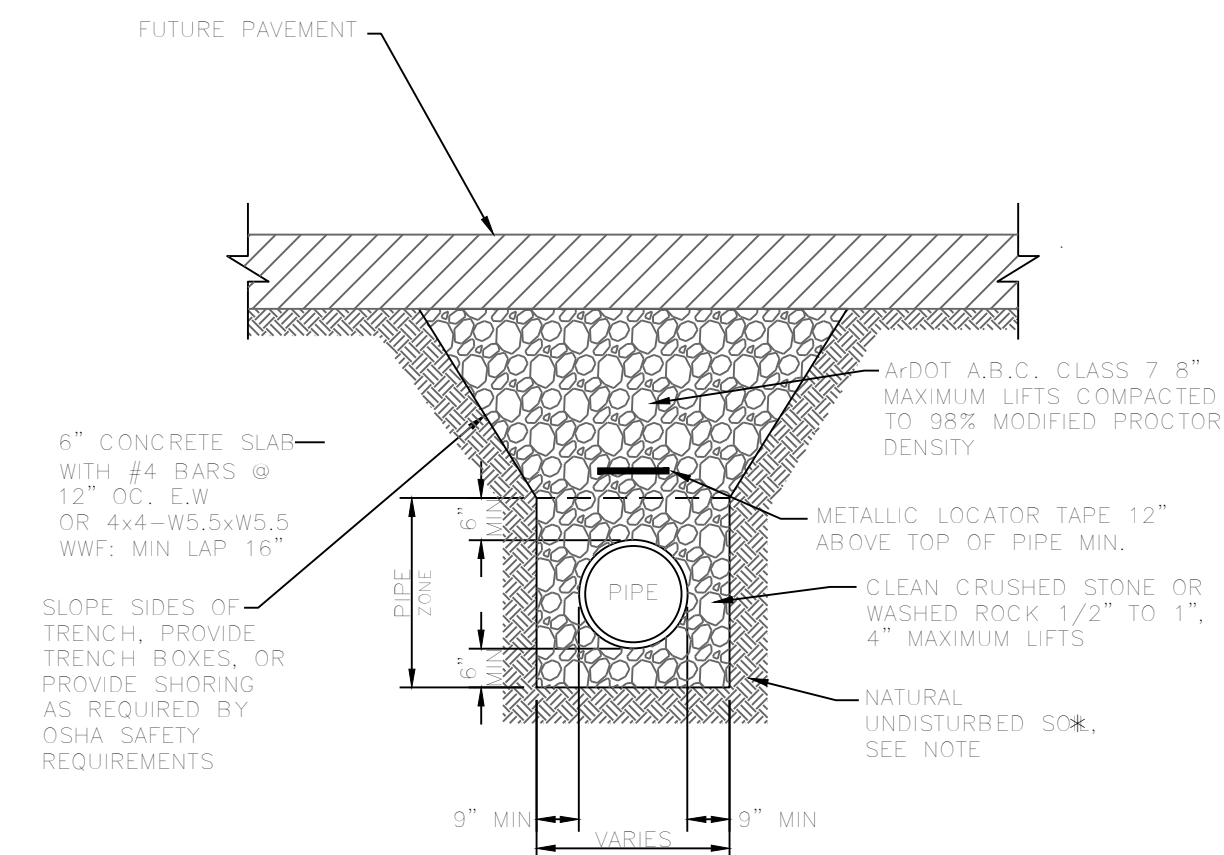
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FOR USE AND BENEFIT OF:
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STARLIGHT VILLAGE SUBDIVISION
STORM DRAINAGE PROFILES
A SUBDIVISION IN CITY OF BRYANT, SALINE COUNTY, ARKANSAS

DATE:	10/5/2023	C.A.D. BY:		DRAWING NUMBER:
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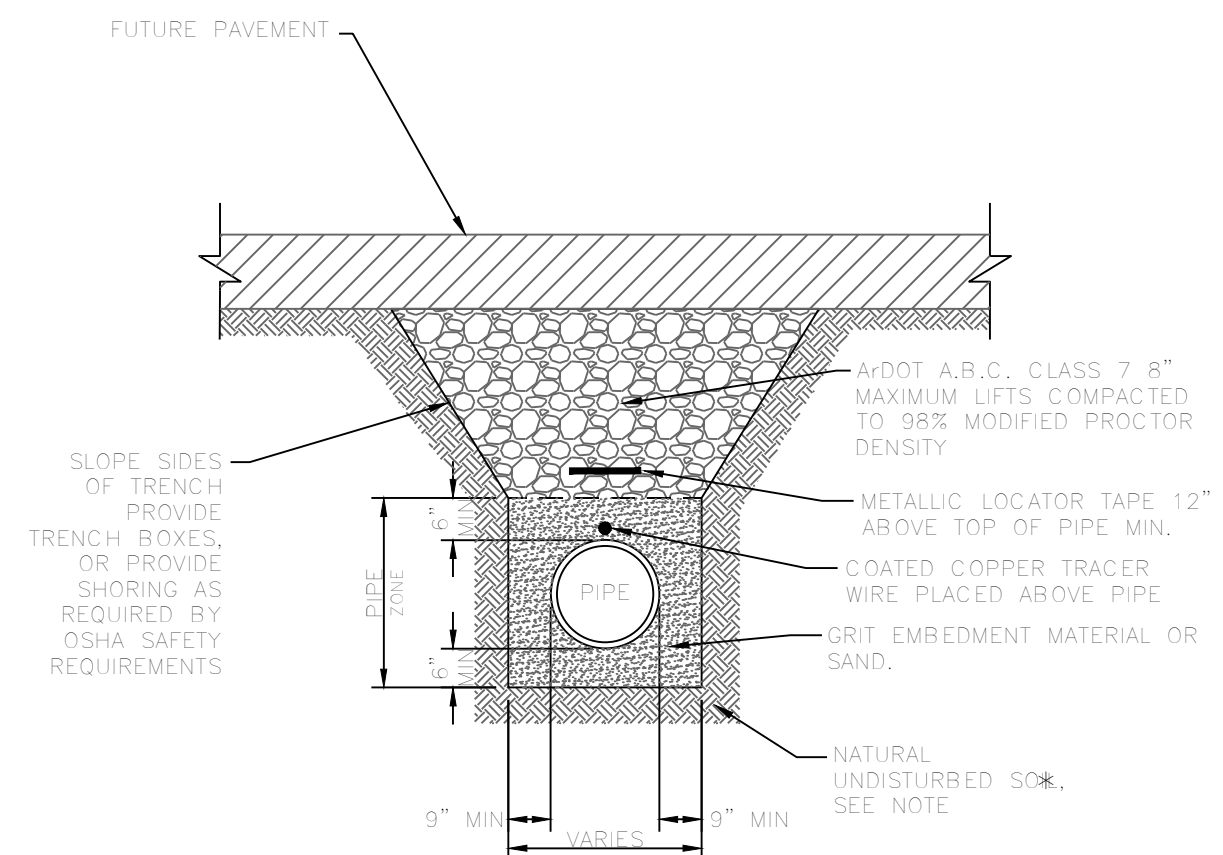


PVC SEWER TRENCH UNDER FUTURE ASPHALT STREET

N.T.S.

DISPOSE OF EXCESS EXCAVATED MATERIAL OFF SITE

NOTE: * FOR UNSTABLE TRENCH BOTTOM, PROVIDE MIN 8" OF 1 1/2" TO #4 SIZE CRUSHED BELOW THE PIPE ZONE STONE OR OTHER MATERIAL BELOW THE PIPE ZONE, AS APPROVED BY THE ENGINEER.

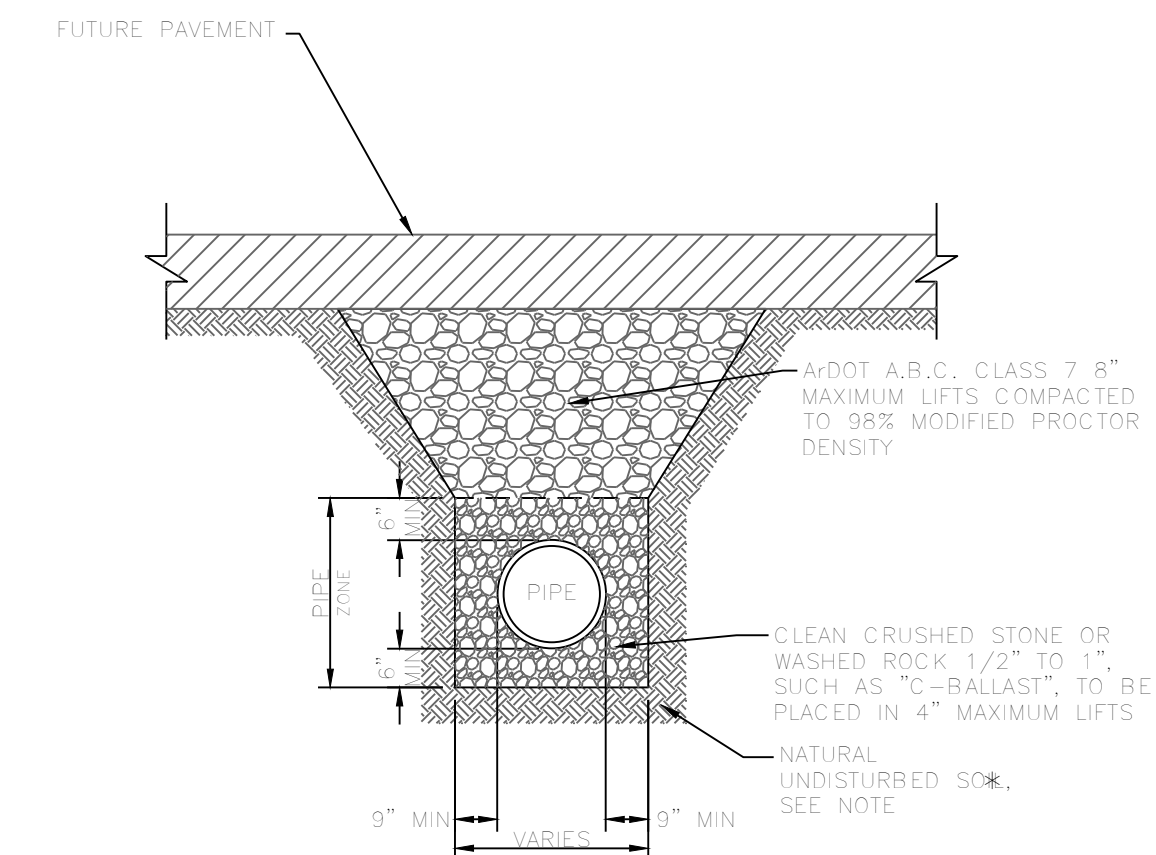


PVC WATER LINE TRENCH UNDER FUTURE ASPHALT STREET

N.T.S.

DISPOSE OF EXCESS EXCAVATED MATERIAL OFF SITE

NOTE: * FOR UNSTABLE TRENCH BOTTOM, PROVIDE MIN 8" OF 1 1/2" TO #4 SIZE CRUSHED BELOW THE PIPE ZONE STONE OR OTHER MATERIAL BELOW THE PIPE ZONE, AS APPROVED BY THE ENGINEER.



DRAINAGE PIPE TRENCH UNDER FUTURE ASPHALT STREET

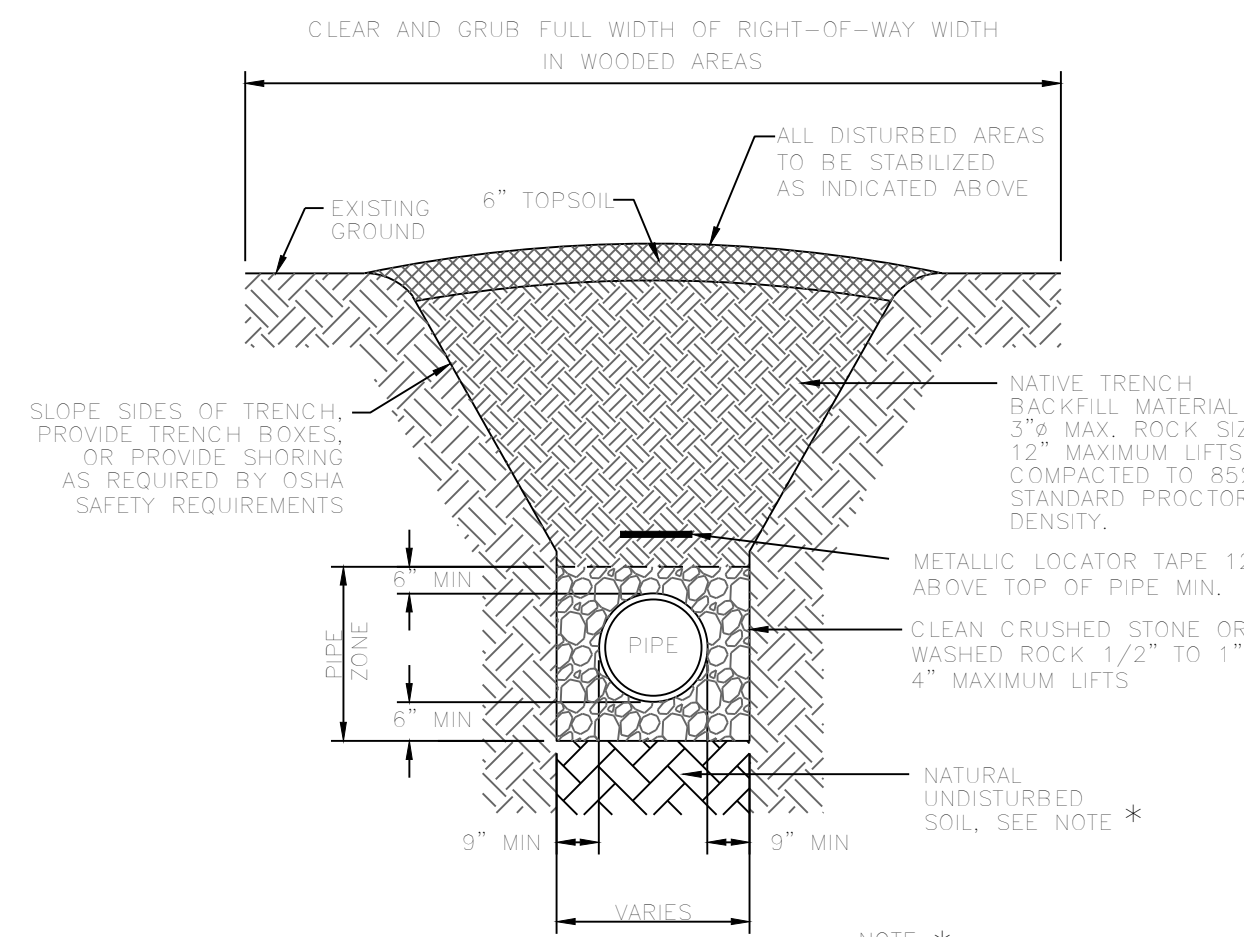
N.T.S.

DISPOSE OF EXCESS EXCAVATED MATERIAL OFF SITE

NOTE: * FOR UNSTABLE TRENCH BOTTOM, PROVIDE MIN 8" OF 1 1/2" TO #4 SIZE CRUSHED BELOW THE PIPE ZONE STONE OR OTHER MATERIAL BELOW THE PIPE ZONE, AS APPROVED BY THE ENGINEER.

SOIL STABILIZATION REQUIREMENTS

1. IN LAWN AREAS, DISTURBED SOIL SHALL BE STABILIZED BY PLACEMENT OF SOD TO MATCH EXISTING.
2. IN FIELDS OR WOODED AREAS, DISTURBED SOIL SHALL BE STABILIZED BY SEEDING.

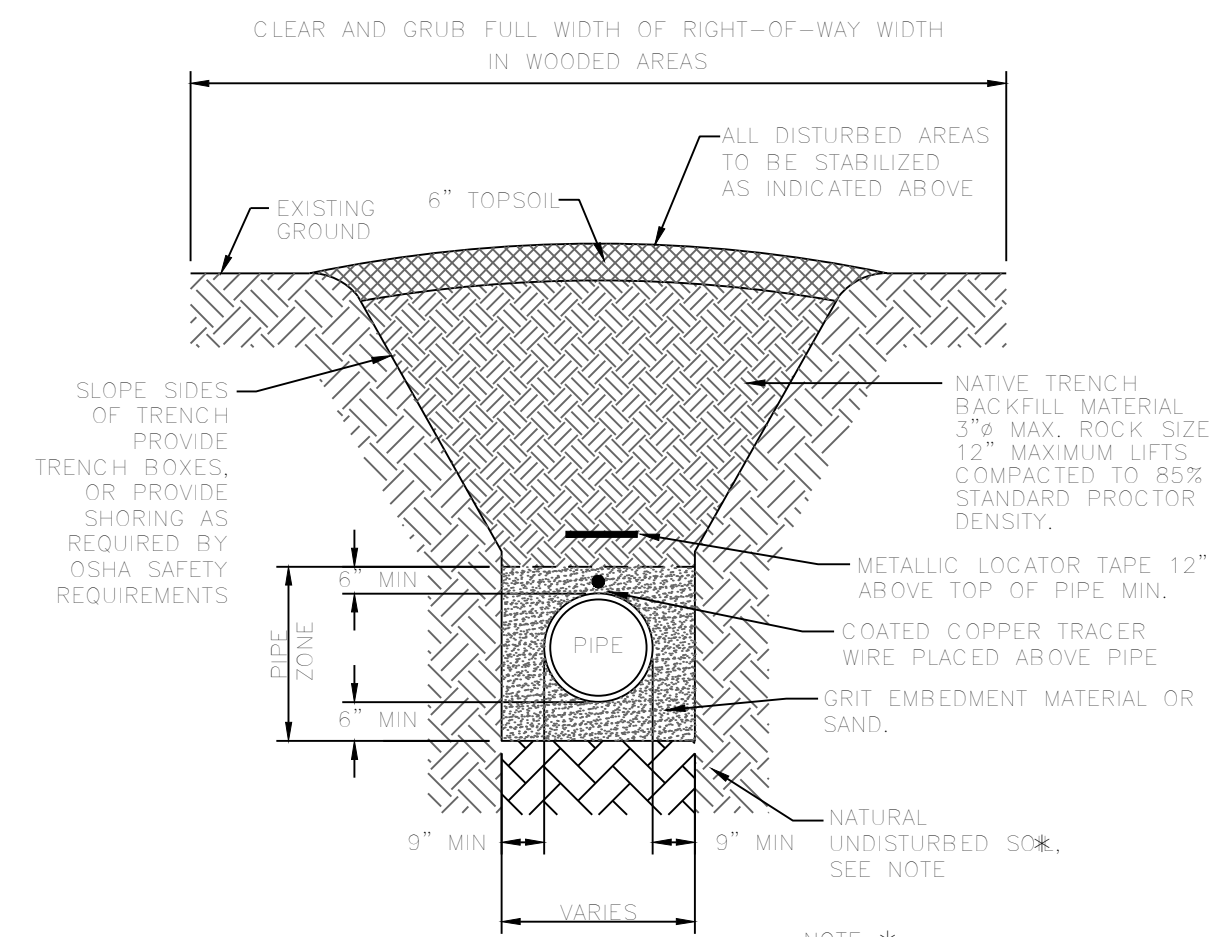


PVC SEWER TRENCH IN UNPAVED AREAS

N.T.S.

DISPOSE OF EXCESS EXCAVATED MATERIAL OFF SITE

NOTE: * FOR UNSTABLE TRENCH BOTTOM, PROVIDE MIN 8" OF 1 1/2" TO #4 SIZE CRUSHED BELOW THE PIPE ZONE STONE OR OTHER MATERIAL BELOW THE PIPE ZONE, AS APPROVED BY THE ENGINEER.

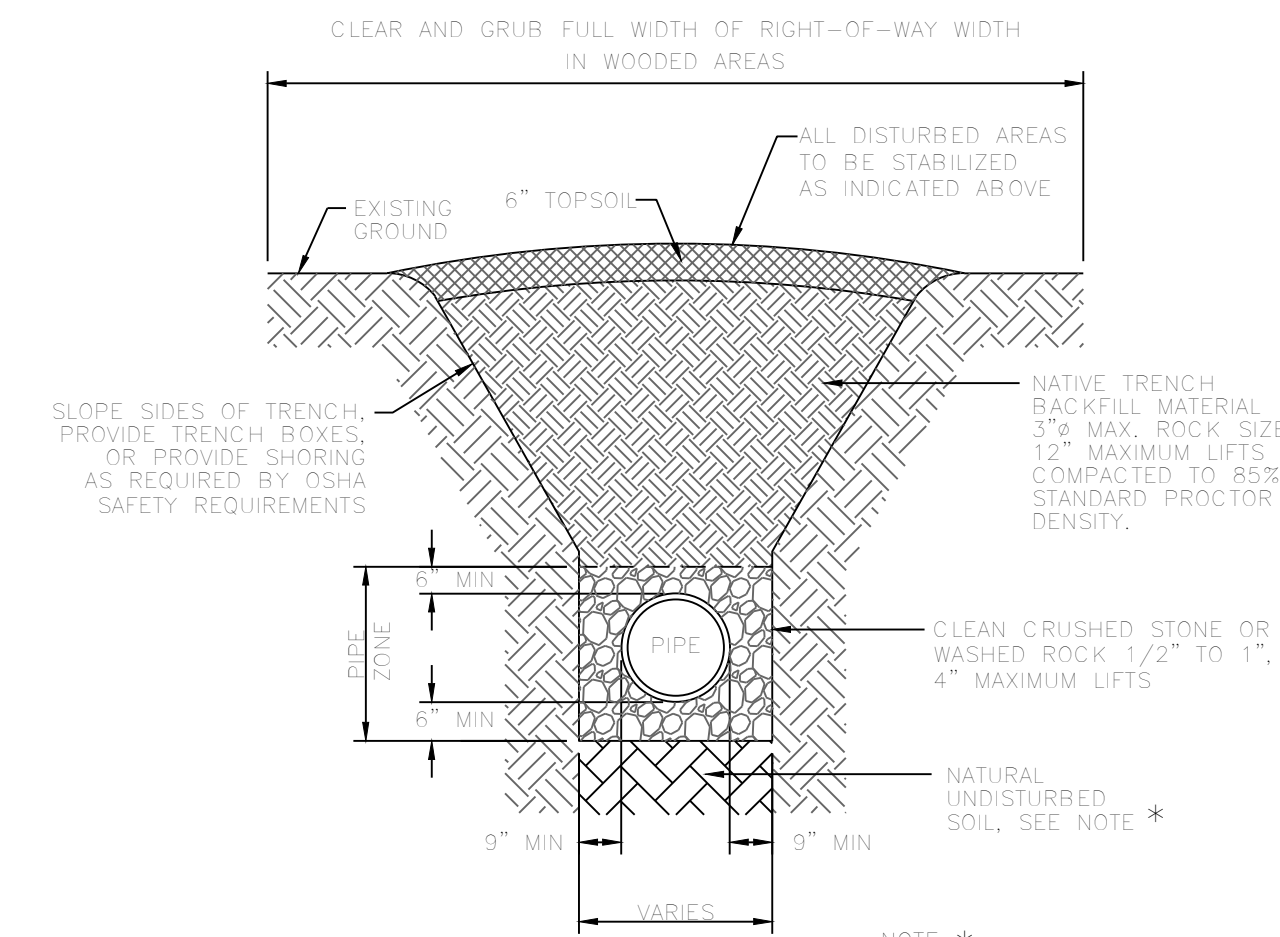


PVC WATER LINE TRENCH IN UNPAVED AREAS

N.T.S.

DISPOSE OF EXCESS EXCAVATED MATERIAL OFF SITE

NOTE: * FOR UNSTABLE TRENCH BOTTOM, PROVIDE MIN 8" OF 1 1/2" TO #4 SIZE CRUSHED BELOW THE PIPE ZONE STONE OR OTHER MATERIAL BELOW THE PIPE ZONE, AS APPROVED BY THE ENGINEER.



DRAINAGE PIPES IN UNPAVED AREAS

N.T.S.

DISPOSE OF EXCESS EXCAVATED MATERIAL OFF SITE

NOTE: * FOR UNSTABLE TRENCH BOTTOM, PROVIDE MIN 8" OF 1 1/2" TO #4 SIZE CRUSHED BELOW THE PIPE ZONE STONE OR OTHER MATERIAL BELOW THE PIPE ZONE, AS APPROVED BY THE ENGINEER.

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STARLIGHT VILLAGE SUBDIVISION TRENCH DETAILS
 A SUBDIVISION IN CITY OF BRYANT, SALINE COUNTY, ARKANSAS

DATE:	10/5/2023	C.A.D. BY:		DRAWING NUMBER:
REVISED:		CHECKED BY:		19-0238
SHEET:	C-40	SCALE:		
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Inside Diameter of Manhole	Minimum Wall Thickness	Base Thickness	Minimum Ring & Cover Size
4 DIA	5"	6"	24"
5 DIA	7"	8"	(< or Equal to 24" Pipes)
6 DIA	7"	8"	36"
			(> 24" Pipes)

MANHOLE INFORMATION TABLE

MANHOLE FLOW CHANNEL

- A-LOK OR KOR-N-SEAL BOOT, OR APPROVED EQUAL IS REQUIRED WHERE PIPES PASS THROUGH MANHOLE WALLS (TYP)
- INSTALL PER MANUFACTURER'S INSTRUCTIONS. DETAILS AT RIGHT.
- CENTER LINES OF PIPES ENTERING AND EXITING MANHOLES ARE REQUIRED TO PASS THROUGH THE CENTER OF THE MANHOLE.
- PROVIDE AS LARGE A CURVE AS POSSIBLE IN THE FLOW CHANNEL.

CONNECTION DETAILS

- EXTERIOR ADJUSTMENT BAND
- DO NOT FILL VOID.
- GROUT INTERIOR VOID TO SPRINGLINE OF PIPE.
- KOR-N-SEAL BOOT OR APPROVED EQUAL.
- DO NOT FILL VOID.
- A-LOK SEAL OR APPROVED EQUAL.
- GROUT INTERIOR VOID TO SPRINGLINE OF PIPE.

PRECAST MANHOLE SECTION

- STANDARD MH RING - 8' LID (REQUIRED).
- WRAP RING EXTENSIONS WITH 6-INCH WIDE BUTYL WRAP OR TROWELABLE BUTYL MASTIC.
- WHEN SETTING PRECAST MH SECTION TO PRECAST SECTION, USE RFS PRE-LUBRICATED GASKETS BY PRESS-SEAL GASKET CORPORATION, OR APPROVED EQUAL (REQUIRED).
- VERTICAL MAX. DIFFERENCE FL IN & FL OUT: 24"
- SELECT BACKFILL.
- UNYIELDING SUBGRADE (REPLACE WITH STONE AS REQUIRED).
- BENCH.
- MH BASE (TABLE ABOVE).
- 8" MIN. WALL THICKNESS.
- 24" MIN. 30" MAX.
- VARIES.
- USE 8" BUTYL JOINT WRAP AROUND ALL EXTERIOR JOINTS (REQUIRED).
- USE TWO ROWS EZ-STIK JOINT SEALANT, OR APPROVED EQUAL (REQUIRED).
- FRAME SHALL BE INSTALLED AT THE JOBSITE.
- RAINCATCHER.

NOTE: BENCH SHALL SLOPE FROM SPRINGLINE OF PIPE TO MANHOLE WALL. OUTLET CHANNEL SHALL BE FULL DEPTH "U" FROM CENTER OF MANHOLE TO WALL.

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 843-0488

SEWER DETAILS
PRECAST MANHOLE
DATE: APRIL 2015
SHEET: **S5**

ALL CASTINGS SHALL BE "MADE IN USA"

CLOSED PICK SLOT DETAIL

COVER DETAIL

1. MINIMUM WEIGHT OF RING: 100 POUNDS
2. MINIMUM WEIGHT OF COVER: 110 POUNDS
3. COVERS ARE FURNISHED WITH TWO CLOSED PICK SLOTS.
4. CASTINGS SHALL BE "MADE IN USA"

* DIMENSIONAL TOLERANCES SHALL NOT EXCEED 1/16 INCH PER FOOT

FRAME AND COVER DETAIL

WHEN SETTING FRAME, USE TWO ROWS EZ-STIK JOINT SEALANT, OR APPROVED EQUAL (REQUIRED)

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 843-0488

SEWER DETAILS
MANHOLE FRAME AND COVER
DATE: APRIL 2015
SHEET: **S6**

MANHOLE JOINT WRAP

NOTE:
JOINT WRAP TO BE USED:
• ON OUTSIDE OF COLD JOINTS
• ON EXTERIOR OF ALL PRECAST MANHOLE JOINTS
• ON LIFT HOLES / SOCKETS

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 843-0488

SEWER DETAILS
MANHOLE JOINT WRAP
DATE: APRIL 2015
SHEET: **S9**

THE INSTALLATION SHALL BE DYE TESTED FOR ACCEPTANCE.

INTERIOR VIEW

MANHOLE CORING DETAILS

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 843-0488

SEWER DETAILS
MANHOLE CORING
DATE: APRIL 2015
SHEET: **S11**

CITY OF BRYANT STANDARD FRAME & COVER

PICKHOLE DETAIL

PICKBAR DETAIL

COVER BACK

COVER SECTION

REVERSIBLE FRAME

EST. WEIGHT 360 POUNDS

NOTE: ALL CASTINGS SHALL BE "MADE IN USA"

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 843-0488

SEWER DETAILS
36-INCH MANHOLE FRAME AND COVER
DATE: APRIL 2015
SHEET: **S8**

NOTES:

1. MODIFIED RISER LATERAL SHALL BE USED WHEN DEPTH OF COVER EXCEEDS 7'-0"
2. PLACE CLASS "A" CONCRETE UNDER EACH WYE BRANCH TO PREVENT CRACKING OR TWISTING UNDER EARTH LOADS
3. SERVICE LATERAL STUBS SHALL TERMINATE AT LEAST 2 FEET INSIDE THE PROPERTY LINE BUT IN NO CASE SHALL THE SERVICE LATERAL STUB TERMINATE AT A DISTANCE LESS THAN 8 FEET FROM THE SANITARY SEWER MAIN.
4. BURY A 1/2" x 4" STEEL TEE FENCE POST AT END OF SERVICE LATERAL STUB AND BACKFILL TO FINISHED GRADE OF PROPERTY.
5. 4" DUCTILE IRON PIPE, LINED FOR SANITARY SEWER AND 4" DUCTILE IRON M.J. FITTINGS, LINED FOR SANITARY SEWER, SHALL BE INSTALLED FOR SERVICES BURIED AT DEPTHS OF 14 FEET AND GREATER.

PROFILE

PLAN

SEWER SERVICE LATERAL

CITY OF BRYANT, AR
WATER UTILITIES
210 S.W. 3rd. STREET
BRYANT, AR
PHONE: (501) 843-0488

SEWER DETAILS
SEWER SERVICE LATERAL
DATE: APRIL 2015
SHEET: **S15**

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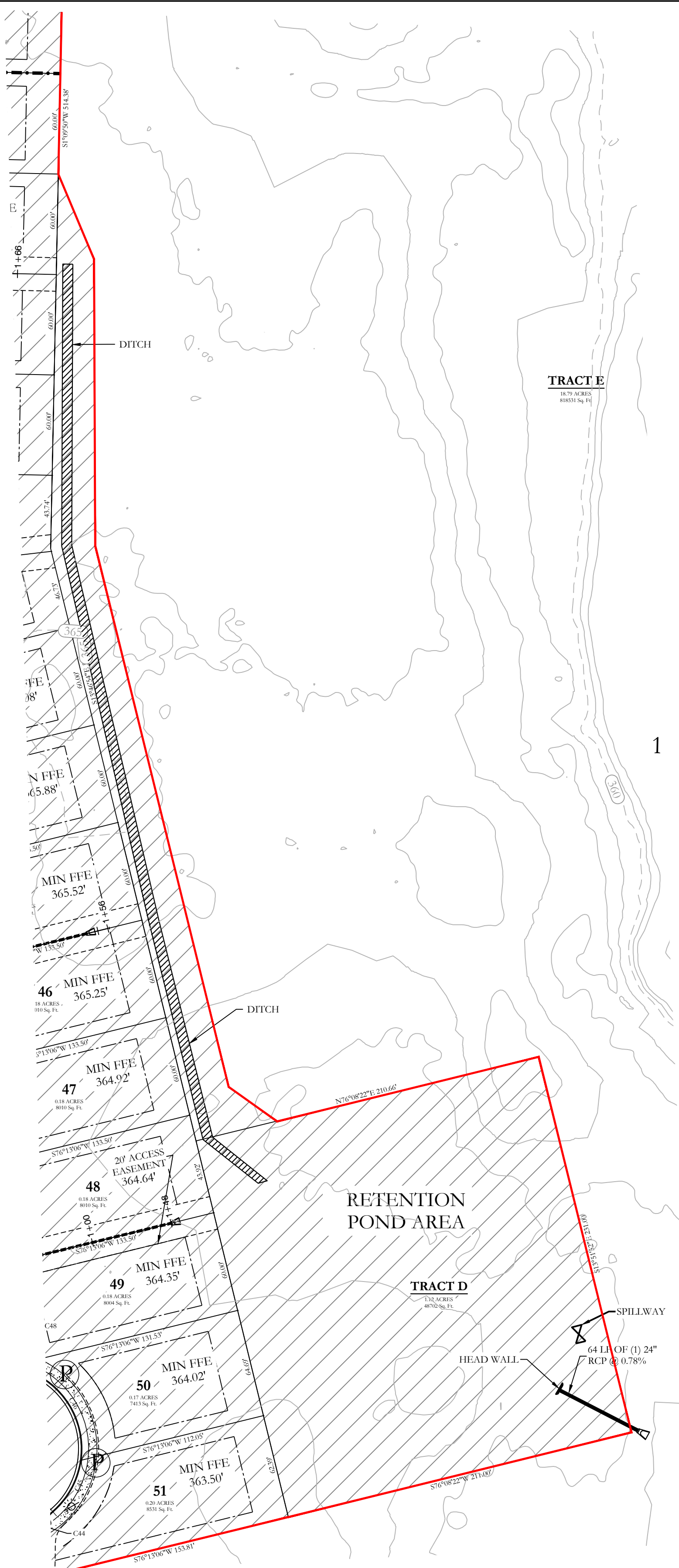
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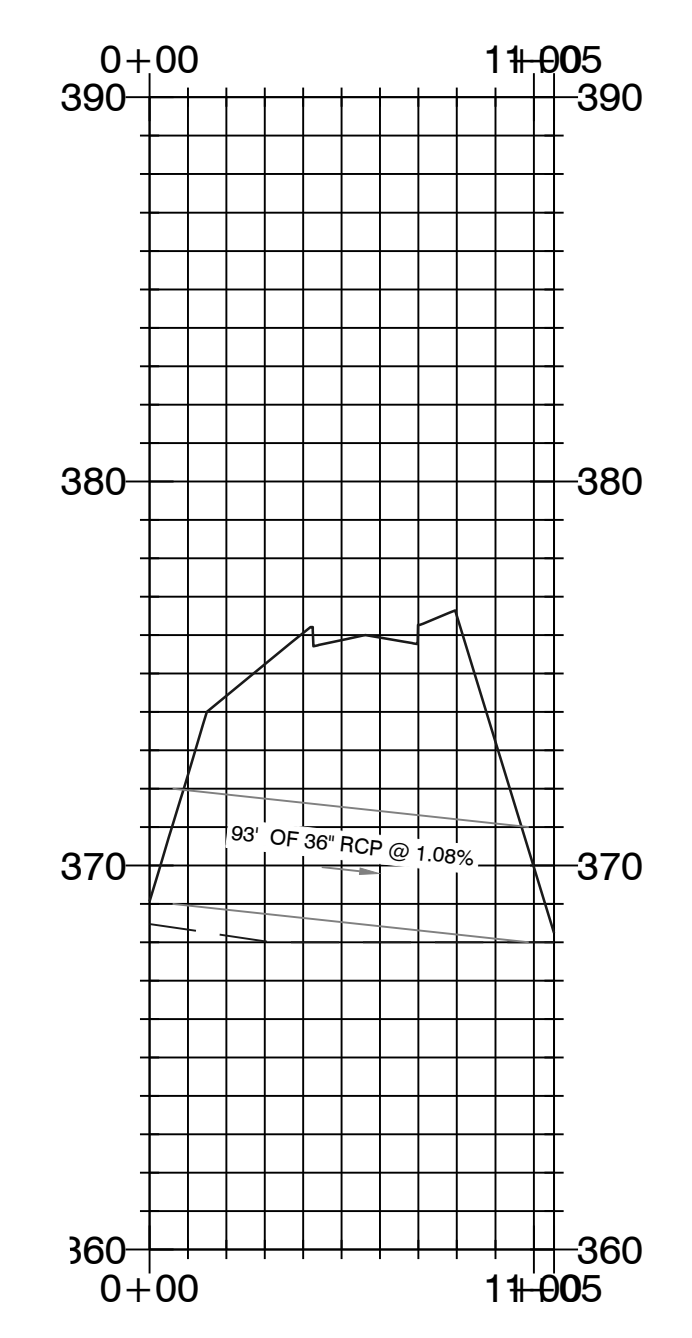
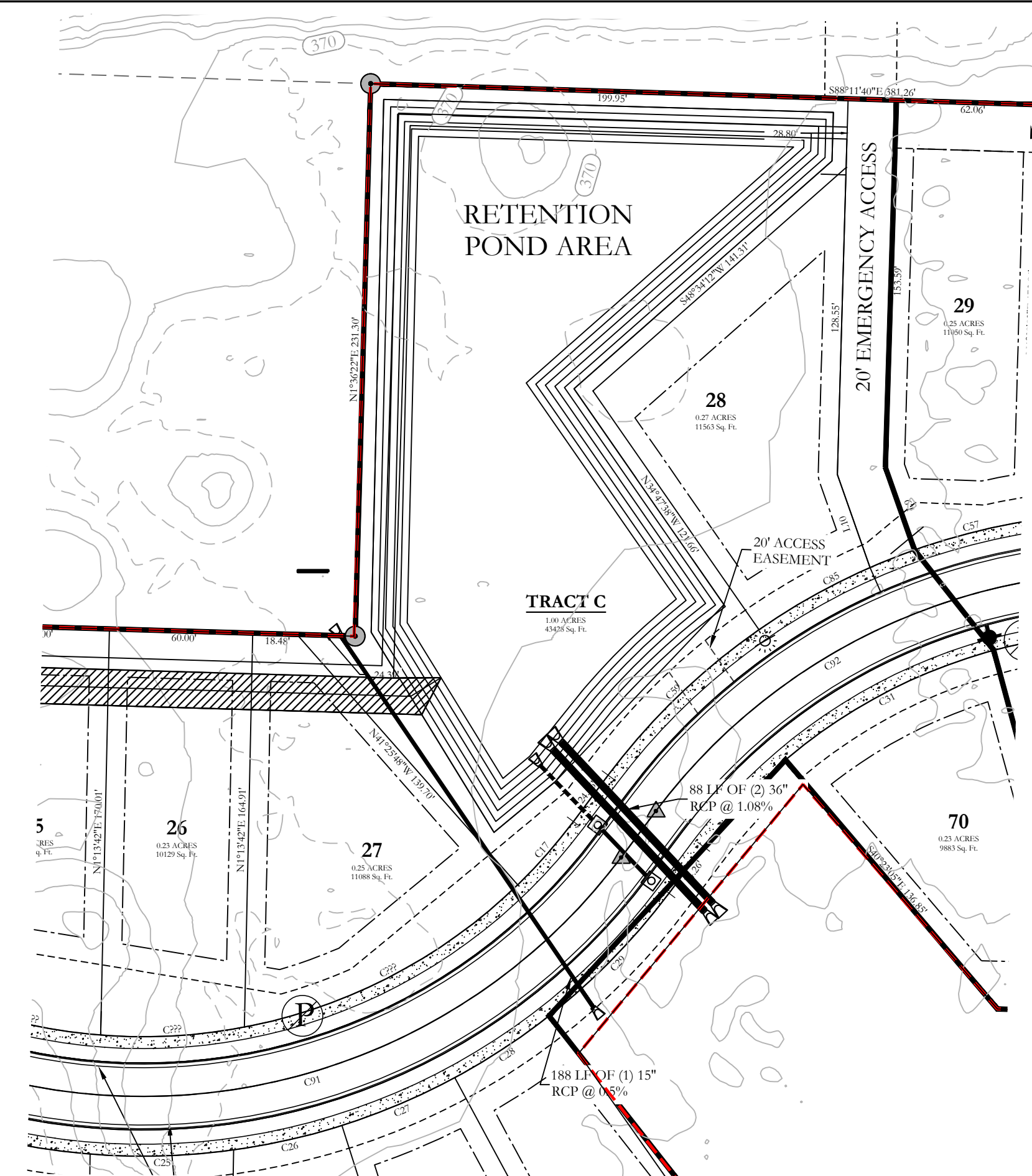
STARLIGHT VILLAGE SUBDIVISION
SEWER DETAILS
A SUBDIVISION IN CITY OF BRYANT, SALINE COUNTY, ARKANSAS

DATE: 10/5/2023
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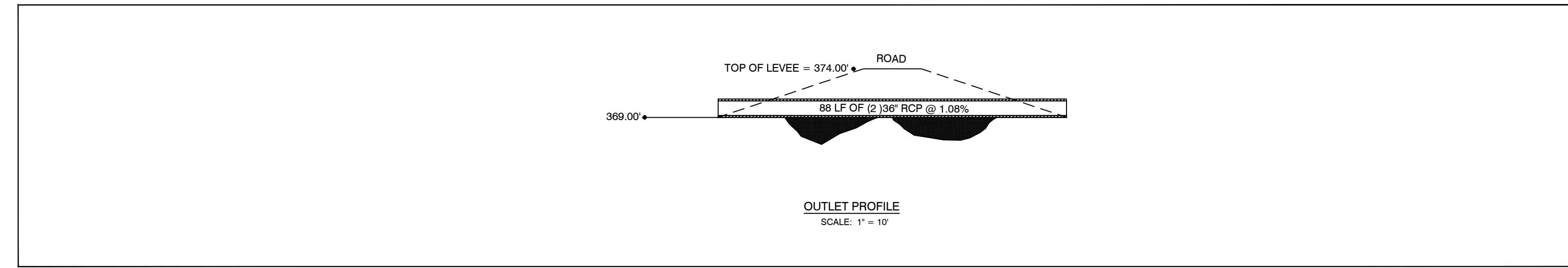
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RETENTION POND - PLAN VIEW



RETENTION POND - OUTLET CROSS-SECTIONS & DETAILS
SCALE: VARIES

RETENTION POND MAINTENANCE PLAN

Background
The retention ponds (Tract C and D) are located at the North and South side of the subject property. Detention ponds are designed to temporarily detain storm water to meet water quantity criteria before discharging off the property.

Stabilization of Retention Basin provided with 3-1 slopes with required Sodding.
6" Swales with required sodding.
Fences are prohibited in the drainage easement area.
Maintenance of retention ponds will be conducted by the improvement district.
Retention Pond Tract C will be constructed in Phase-2.

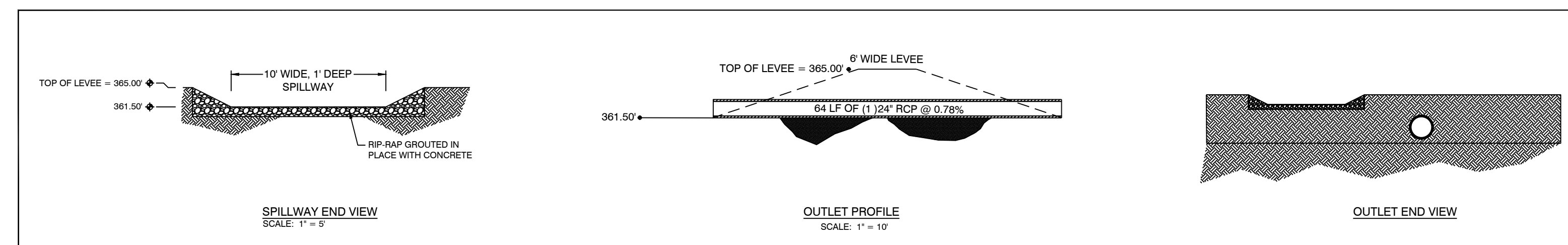
Routine Maintenance
Routine maintenance will include but not be limited to:
-Mowing of the bank slopes and area around the pond on a monthly basis during the growing season and as needed during the cooler months.

-The outlet pipe from the pond 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.

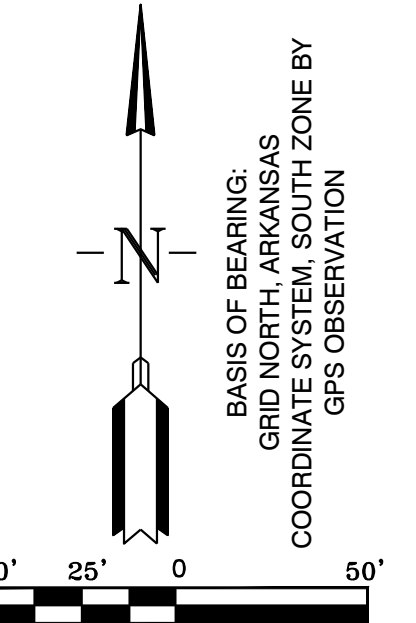
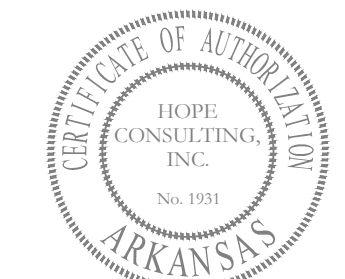
-Trash will be removed from around the pond to prevent entering the pond. Generally, the site should be kept free of loose trash which could be carried off site by wind or rain.

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

Periodic or Non-Routine Maintenance
The routine inspection of the pond area and discharge pipe 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 area.
-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.

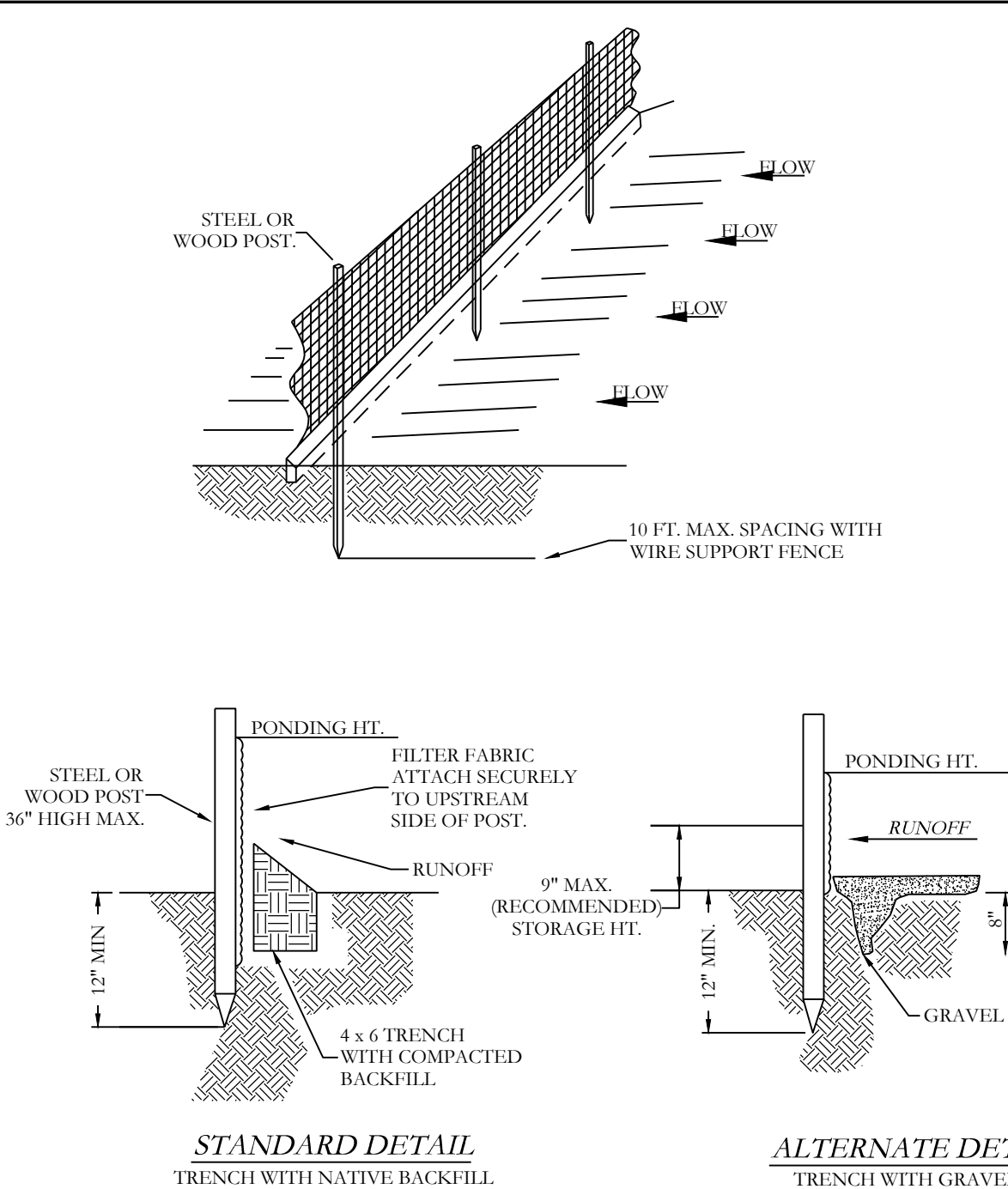


RETENTION POND - OUTLET CROSS-SECTIONS & DETAILS
SCALE: VARIES



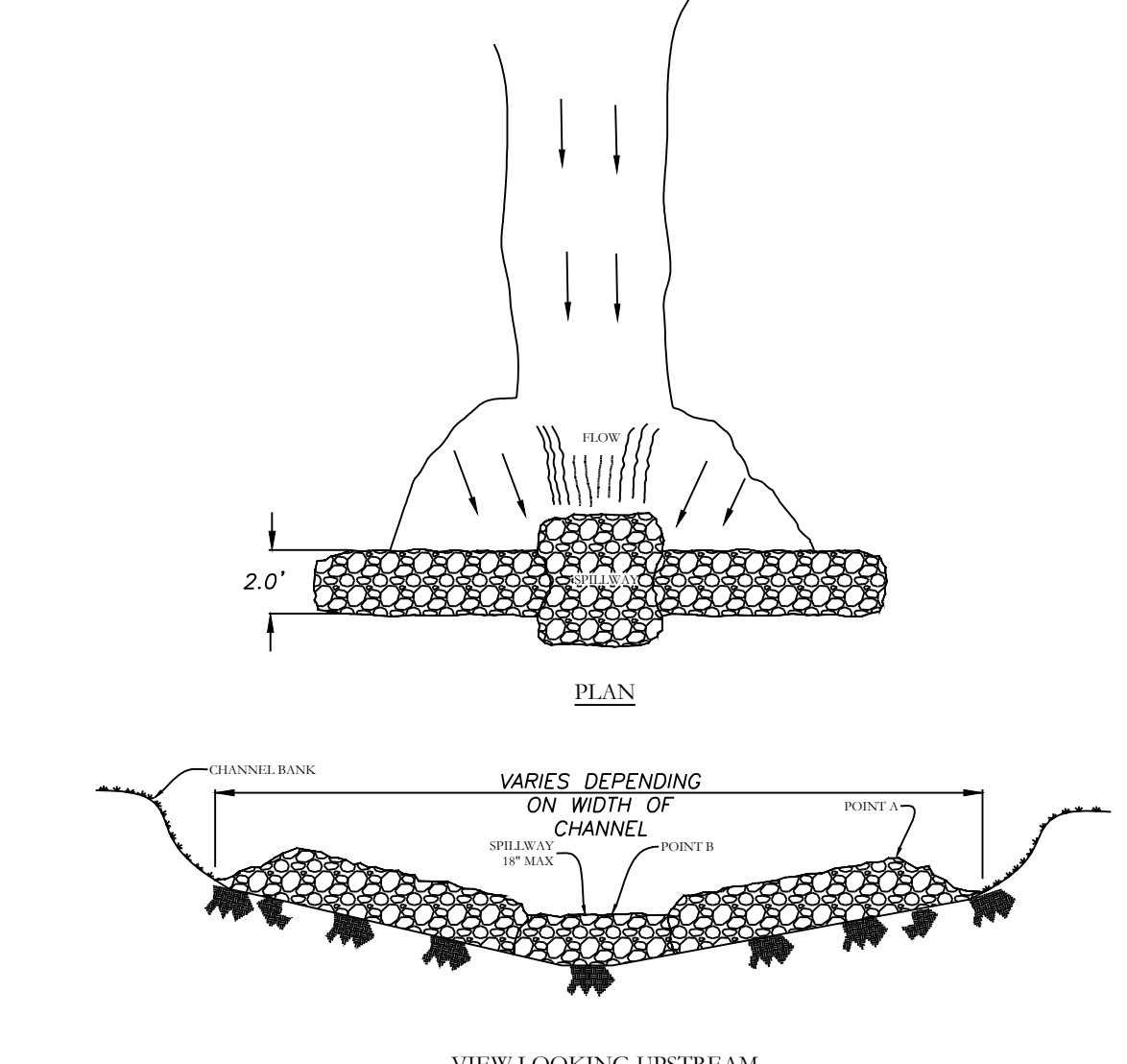
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STARLIGHT VILLAGE SUBDIVISION DETENTION POND A SUBDIVISION IN CITY OF BRYANT, SALINE COUNTY, ARKANSAS		
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SILT FENCE

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.
 4) SILT FENCE SHALL BE WIRE BACKED.



RIP-RAP CHECK DAM

NOTES:
 1) POINT 'A' MUST BE HIGHER THAN POINT 'B' (SPILLWAY HEIGHT).
 2) PLACE RIP-RAP BARRIER PERPENDICULAR TO FLOW WITH TIGHT GROUPINGS. USE STICKS, ROCKS, OR FILTER FABRIC TO FILL ANY GAPS AND TAMP BACKFILL MATERIAL TO PREVENT FLOW FROM AROUND THE DAM.
 3) SPILLWAY HEIGHT SHALL NOT EXCEED 18" (1').
 4) INSPECT OTHER EROSION CONTROL MEASURES AND REPAIR PROMPTLY.

EROSION CONTROL NOTES

RETENTION POND AREAS ARE REQUIRED TO BE SOLID SOD STABILIZATION ONLY.

MAXIMUM SLOPE OF 3H:1V ON DETENTION POND LEVEES

CONTRACTOR MUST HAVE INLET PROTECTION MEASURES INSTALLED IMMEDIATELY AFTER CONSTRUCTION OF DRAINAGE INLETS/STRUCTURES IS COMPLETE. SEDIMENT BARRIERS SHALL BE MAINTAINED THROUGHOUT AND INSPECTED THROUGHOUT CONSTRUCTION PROCESS UNTIL PROJECT IS COMPLETE

RIP RAP SEDIMENT BARRIERS SHALL BE USED AT ALL STORMWATER DISCHARGE POINTS SHOWN ON PLANS ASAP

CONTRACTOR SHOULD WORK WITH ENGINEER TO ESTABLISH EFFECTIVE AND EFFICIENT PLAN TO PREVENT SEDIMENT RUNOFF BY DETERMINING WHERE SILT FENCING OR OTHER TYPES OF CONTROLS ARE NECESSARY

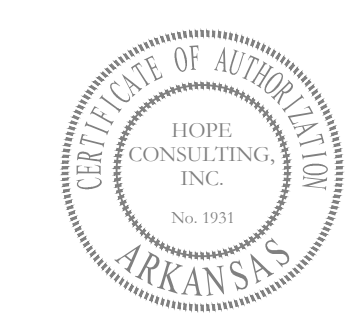
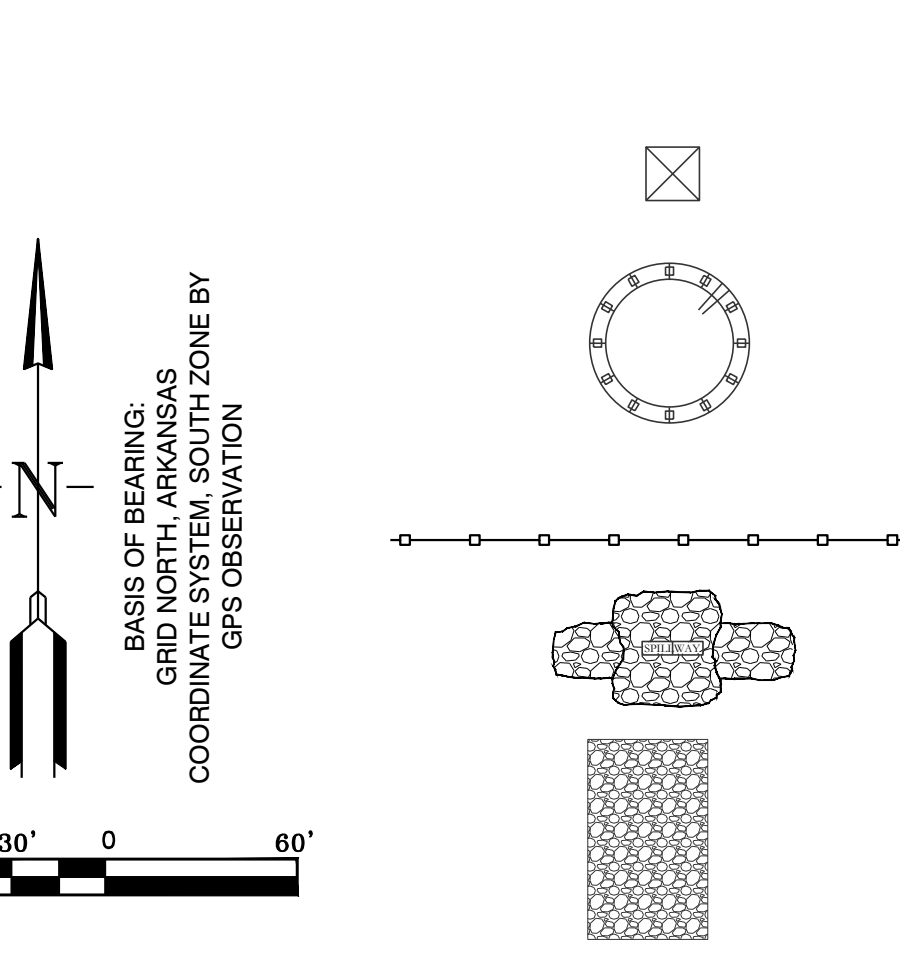
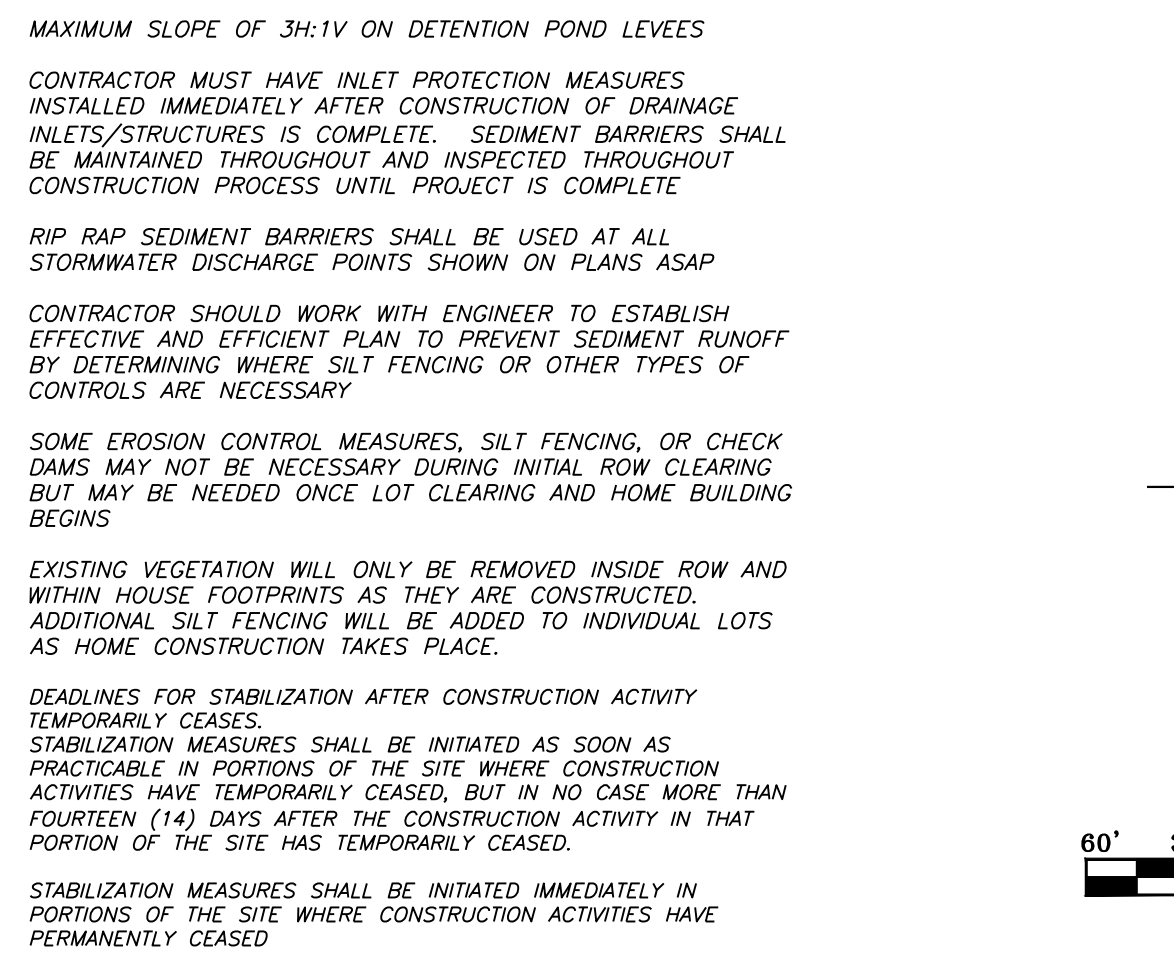
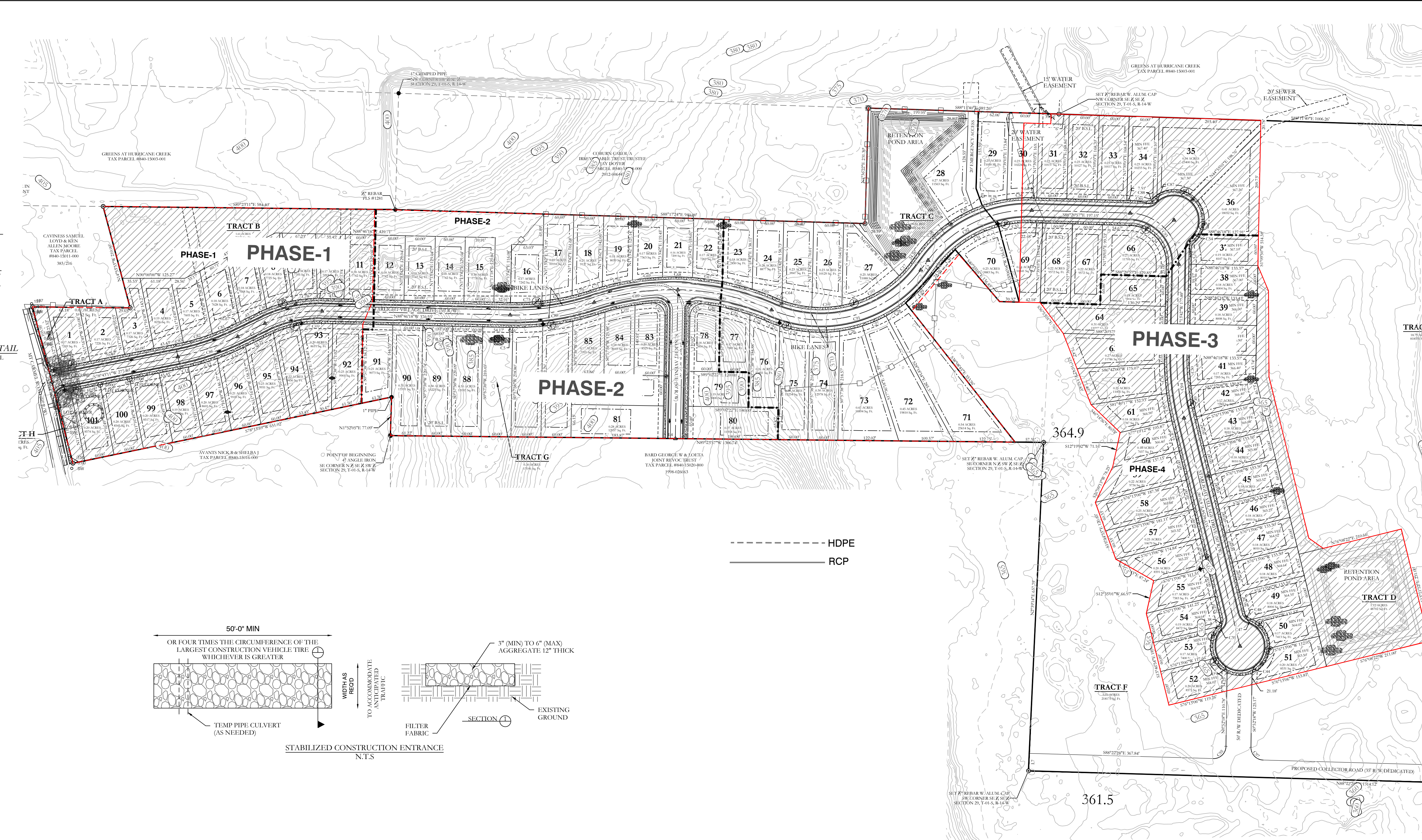
SOME EROSION CONTROL MEASURES, SILT FENCING, OR CHECK DAMS MAY NOT BE NECESSARY DURING INITIAL ROW CLEARING BUT MAY BE NEEDED ONCE LOT CLEARING AND HOME BUILDING BEGINS

EXISTING VEGETATION WILL ONLY BE REMOVED INSIDE ROW AND WITHIN HOUSE FOOTPRINTS AS THEY ARE CONSTRUCTED. ADDITIONAL SILT FENCING WILL BE ADDED TO INDIVIDUAL LOTS AS HOME CONSTRUCTION TAKES PLACE.

DEADLINES FOR STABILIZATION AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASES.

STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY CEASED.

STABILIZATION MEASURES SHALL BE INITIATED IMMEDIATELY IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED



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DATE: 10/5/2023	C.A.D. BY:	DRAWING NUMBER:
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