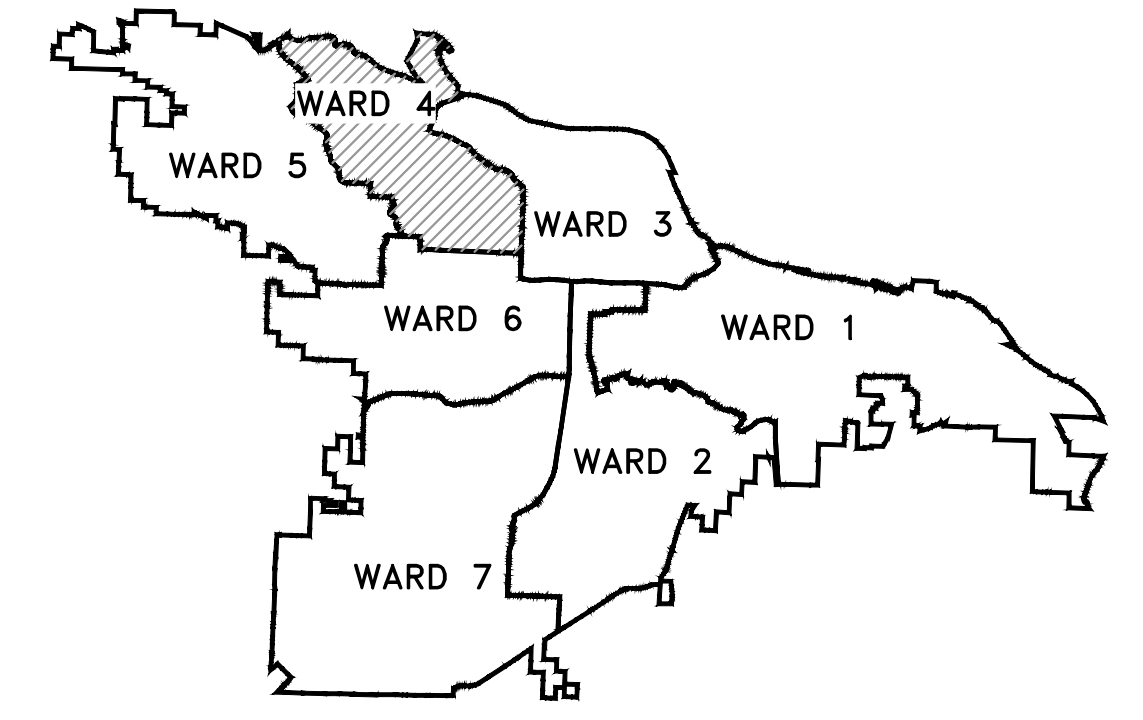


# CLR PROJECT #04-22-DR-18

## 3303 HIDDEN VALLEY DRIVE

### DRAINAGE

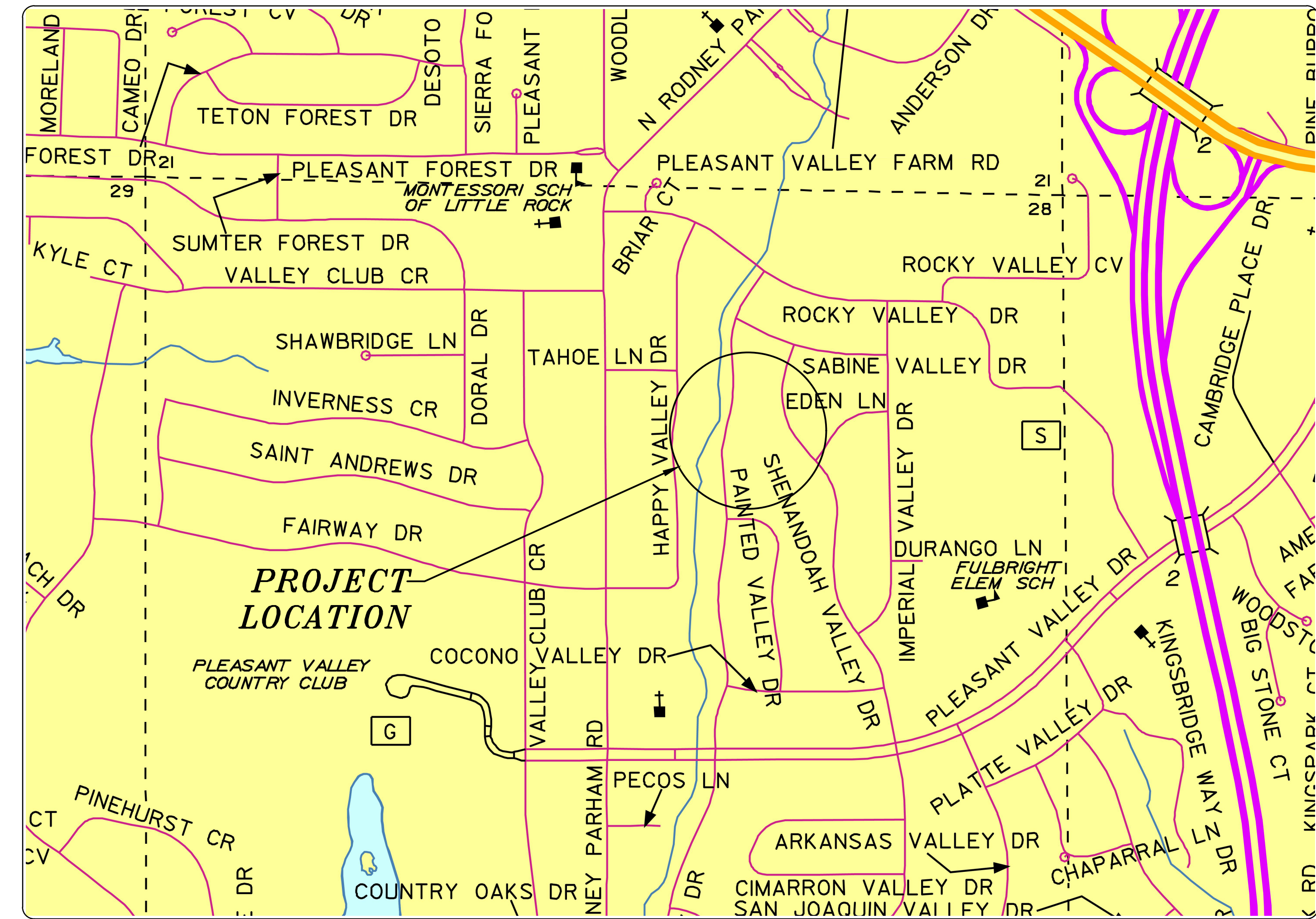
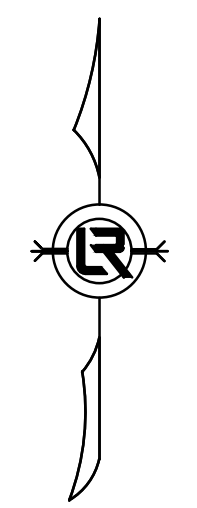
#### LITTLE ROCK, AR



PROJECT LOCATION - WARD 4

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 3303 HIDDEN VALLEY DRIVE DRAINAGE 04-22-DR-18  
 TITLE SHEET

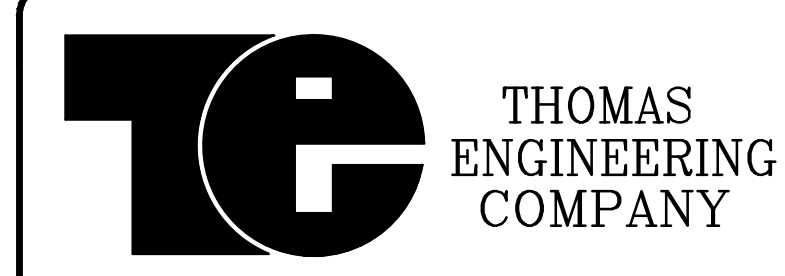


**SHEET INDEX**

TITLE SHEET	C-1
TOPOGRAPHIC SURVEY	V-1
LEGEND & QUANTITIES	C-2
HIDDEN VALLEY DRIVE STORM DRAIN	C-3
EROSION CONTROL PLAN	C-4
MAINTENANCE OF TRAFFIC PLAN	C-5

DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 WEST MARKHAM STREET  
 LITTLE ROCK, ARKANSAS 72201

100% SUBMITTAL



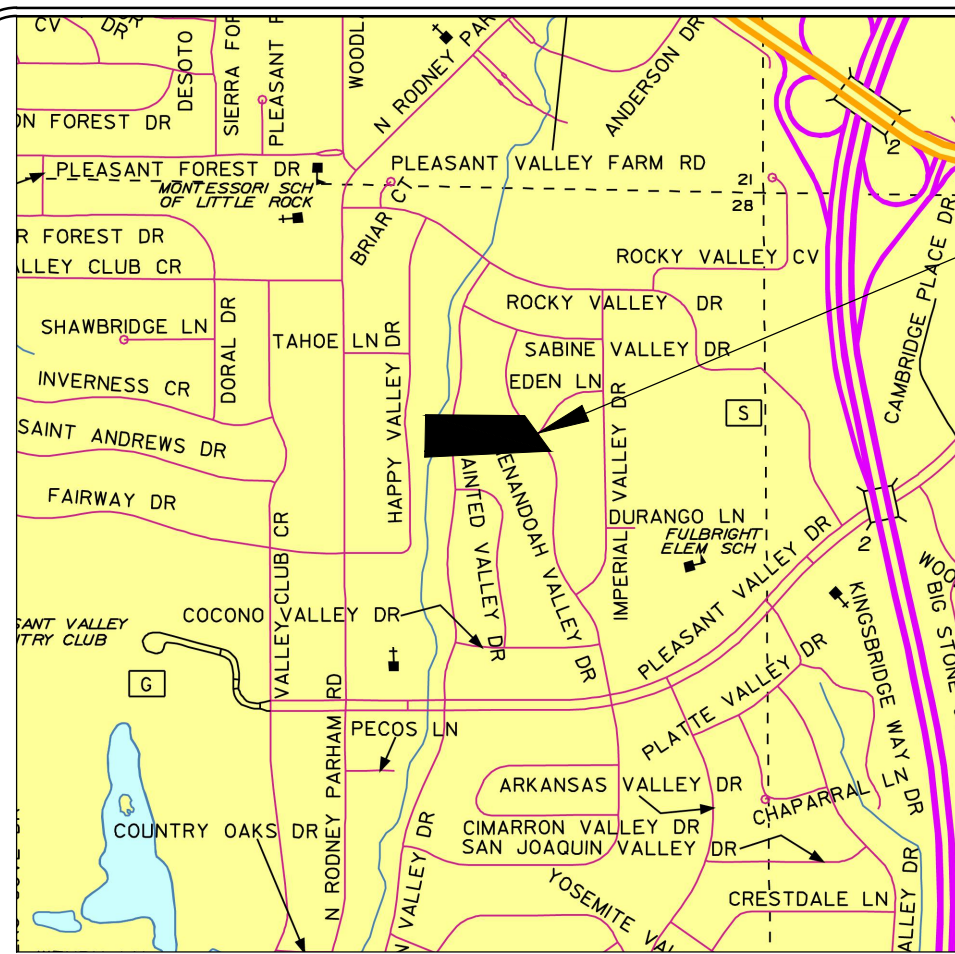
3810 LOOKOUT ROAD, N. LITTLE ROCK, AR. 72116  
 TEL: 501-753-4463 FAX: 501-753-6814

DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201



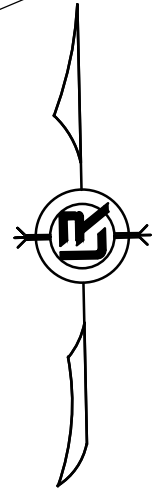
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DESIGNED	JB
CHECKED	JB
DATE	5/16/24
SCALE	N.T.S.
PROJECT NO.	CLR #04-22-DR-18
SHEET NO.	C-1





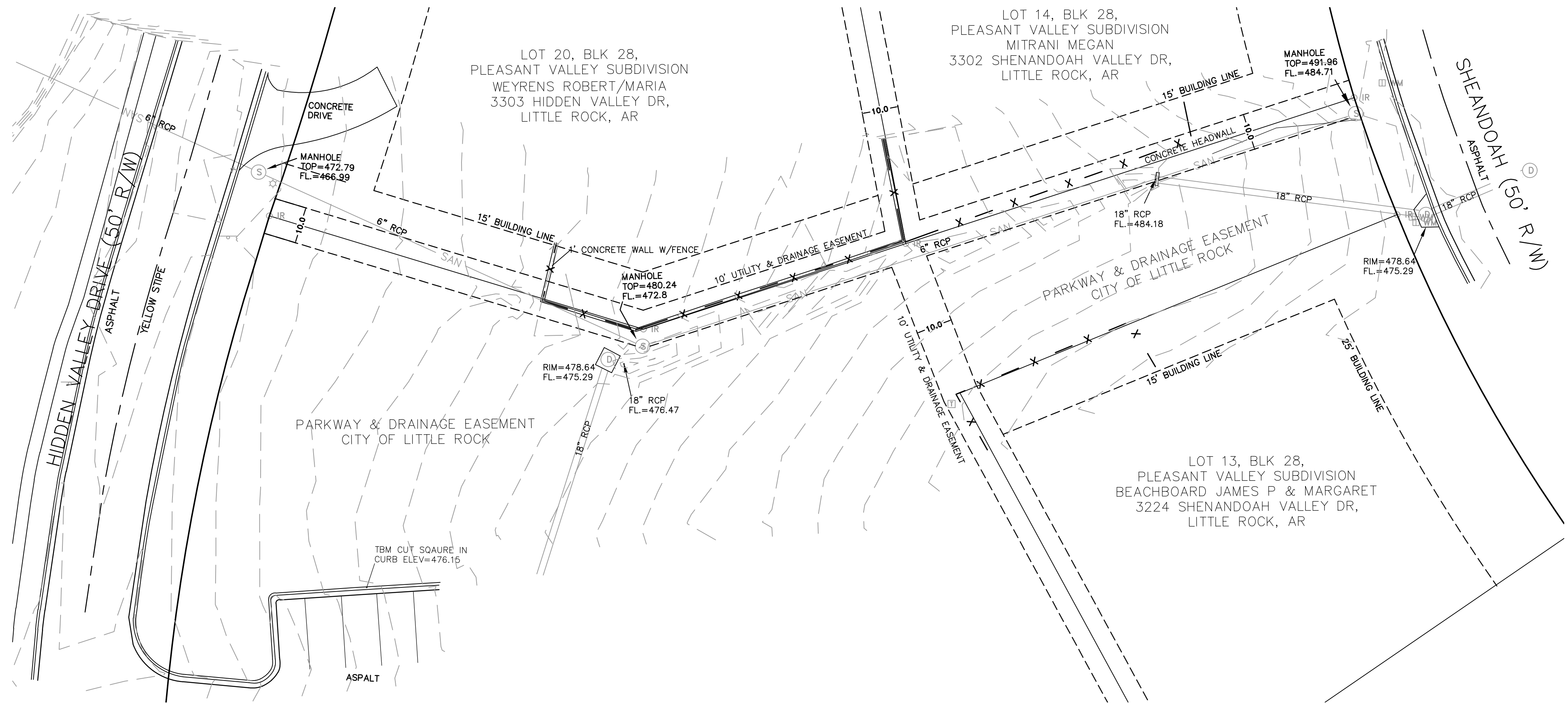
VICINITY MAP

THIS SITE



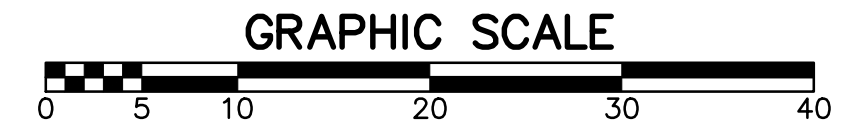
**EXISTING**

IRON ROD	○ IR
WATER VALVE	⊗ WV
WATER METER	◻ WM
FIRE HYDRANT	⊕ FH
GAS METER	⊞ GM
SIGN POST	⊙
BENCHMARK	⊕
STORM SEWER MANHOLE	⊙
SANITARY SEWER MANHOLE	⊙
UTILITY POLE	⊙
GUY WIRE	⊙
LIGHT POLE	⊙
MAILBOX	⊙
CABLE BOX	⊙
PROPERTY LINE	—
SETBACK LINE	- - -
EASEMENT LINE	- · - · -
CURB	—
FENCE	X - X - X
OVERHEAD ELECTRIC	- · - · -
CONTOUR LINE	- · - · -
SEWER LINE	—
STORM DRAIN LINE	—



**SURVEYOR'S NOTES**

1. THE INFORMATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THIS SURVEY IS BASED ON RECORDS OF EXISTING UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS WERE TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS IN ADVANCE BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
2. BASIS OF BEARINGS: ARKANSAS STATE PLANE, NORTH ZONE (AR DOT).
3. THE PROPERTY IS NOT SHOWN IN THE 100 YEAR FLOOD PLAIN ON THE FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 050181 0317 G DATED JULY 6, 2015.
4. THE SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT TITLE SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP, TITLE EVIDENCE, OR ANY OTHER FACTS WHICH AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED LAND HAS BEEN SURVEYED, THE CORNERS ARE MARKED AS SHOWN AND ARE IN ACCORDANCE WITH EXISTING MONUMENTS IN THE VICINITY. THIS CERTIFICATION IS FOR AND LIMITED TO THE PARTIES SHOWN HEREON.

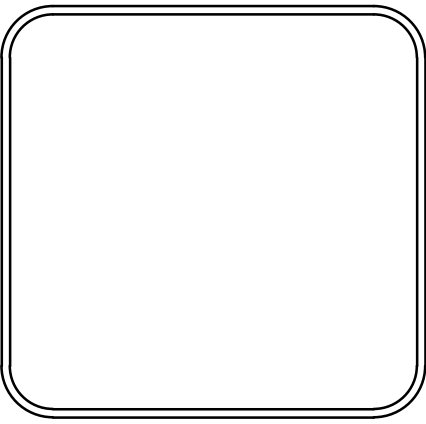
PROFESSIONAL SURVEYOR  
STATE OF ARKANSAS  
NO. 1215  
SIGNATURE

CERTIFICATE OF AUTHORIZATION  
THOMAS ENGINEERING CO.  
No. 94  
ARKANSAS

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
3303 HIDDEN VALLEY DRIVE DRAINAGE 04-22-DR-18  
TOPOGRAPHIC SURVEY

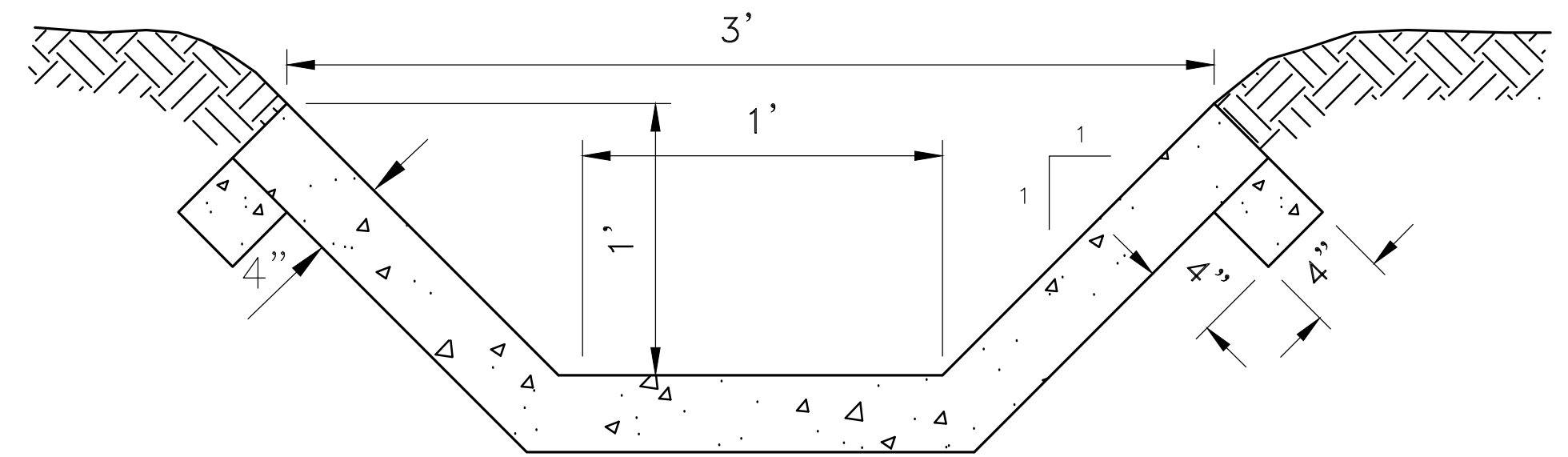
DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



**DRAWN BY**  
CLD  
**DESIGNED**  
CLD  
**CHECKED**  
CLD  
**DATE**  
1/16/24  
**SCALE**  
1" = 20'  
**PROJECT NO.**  
CLR #04-22-DR-18  
**SHEET NO.**  
V-1



ESTIMATED QUANTITIES			
CLR PROJECT # 04-22-DR-18			
HIDDEN VALLEY DRIVE SIDEWALK - WARD 4			
10-May-24			
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
002.01	Site Preparation	LS	1
008.10	Concrete Curb & Gutter (Type 1)	LF	50
009.10	Concrete Sidewalk (4" Thick)	SF	35
018.45	Grouted Rip Rap	CY	7
011.02	Reinforced Concrete Headwall	CY	3
013.24	Storm Drain Pipe 24" Side Drain	LF	110
013.30	Storm Drain Pipe 30" Side Drain	LF	36
013.51	Storm Drain Pipe 30" Cross Drain	LF	32
014.10	Solid Sodding (Bermuda)	SY	250
016.01	Maintenance of Traffic	LS	1
017.10	Cut & Repair Existing Street Surface (PW-25)	SY	26
019.01	Final Cleanup	LS	1
031.30	Flared End Section, 30"	EA	1
031.00	Concrete Ditch Paving	SY	60
024.05	Silt Fence (E-11)	LF	40
024.25	Rock Ditch Check (E-5)	CY	20
024.15	Drop Inlet Protection Silt Fence (E-7)	LF	14
010.04	Curb Inlet - 48" I.D.	EA	2
010.07	Wing 3' Extension	EA	2
X	As-built drainage	LS	1



**CONCRETE SWALE**

EXISTING	PROPOSED
IRON ROD	PROPOSED CONTOUR
PK NAIL	PROPOSED SPOT ELEVATION
R.R. SPIKE	PROPOSED SPOT CURB ELEVATION
CONC. MONUMENT	STORM SEWER - PIPE
WATER VALVE	STORM SEWER - MITERED END SECTION
WATER METER	STORM SEWER - GRATE INLET
FIRE HYDRANT	STORM SEWER - JUNCTION BOX
GAS METER	STORM SEWER - FLARED END SECTION
GAS VALVE	STORM SEWER - HEADWALL
CLEAN-OUT	STORM SEWER - SINGLE WING
GUARD POST (BOLLARD)	STORM SEWER - DOUBLE WING
SIGN POST	STORM SEWER - AREA INLET
BENCHMARK	GRADE BREAK LINE
STORM SEWER MANHOLE	HIGH POINT
SANITARY SEWER MANHOLE	LOW POINT
TELEPHONE MANHOLE	CUT LINE
ELECTRIC MANHOLE	FILL LINE
TELEPHONE BOX	SANITARY SEWER PIPE
ELECTRIC BOX	SANITARY SEWER MANHOLE
CABLE BOX	PROPOSED CURB
UTILITY POLE	PROPOSED CONCRETE
GUY WIRE	CONSTRUCTION - ENTRANCE/EXIT
LIGHT POLE	CHECK DAM
POST OR POLE (TYPE AS NOTED)	DIVERSION BERM
MAILBOX	DOWNDRAIN STRUCTURE - TEMPORARY
DECIDUOUS TREE	ROCK DAM
BUSH	SEDIMENT BARRIER - SILT FENCE
PROPERTY LINE	SEDIMENT BARRIER - GRAVEL RING
SETBACK LINE	SEDIMENT BARRIER - BLOCK & GRAVEL
EASEMENT LINE	SEDIMENT BARRIER - BLOCK
CURB	TEMPORARY SEDIMENT BASIN
FENCE	SILT FENCE - TYPE A
OVERHEAD ELECTRIC	SILT FENCE - TYPE B
OVERHEAD TELEPHONE	SILT FENCE - TYPE C
OVERHEAD CABLE	STORM DRAIN OUTLET PROTECTION
UNDERGROUND TELEPHONE	SURFACE ROUGHENING
UNDERGROUND ELECTRIC	DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION
UNDERGROUND CABLE	DISTURBED AREA STABILIZATION - TEMPORARY GRASSING
WATER LINE	DISTURBED AREA STABILIZATION - PERMANENT GRASSING
SEWER LINE	MATting/BLANKETS
GAS LINE	
STORM SEWER/CULVERT	
EDGE OF WOODS	
CONTOUR LINE	

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
3303 HIDDEN VALLEY DRIVE DRAINAGE 04-22-DR-18  
LEGEND & QUANTITIES

DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 11643  
 THOMAS R. POWNALL

<b>DRAWN BY</b> JB
<b>DESIGNED</b> JB
<b>CHECKED</b> JB
<b>DATE</b> 5/16/24
<b>SCALE</b> NTS
<b>PROJECT NO.</b> CLR #04-22-DR-18
<b>SHEET NO.</b> C-2

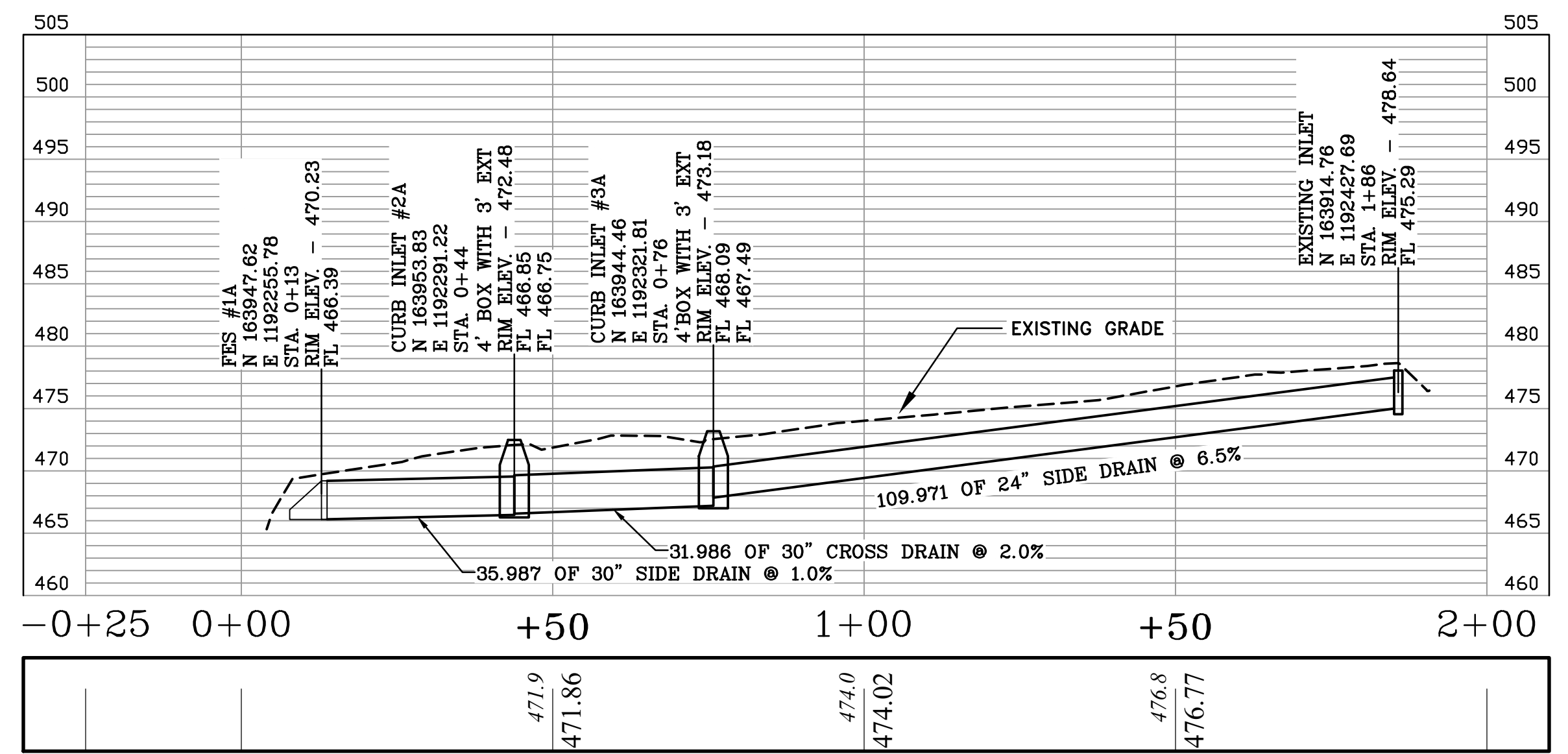
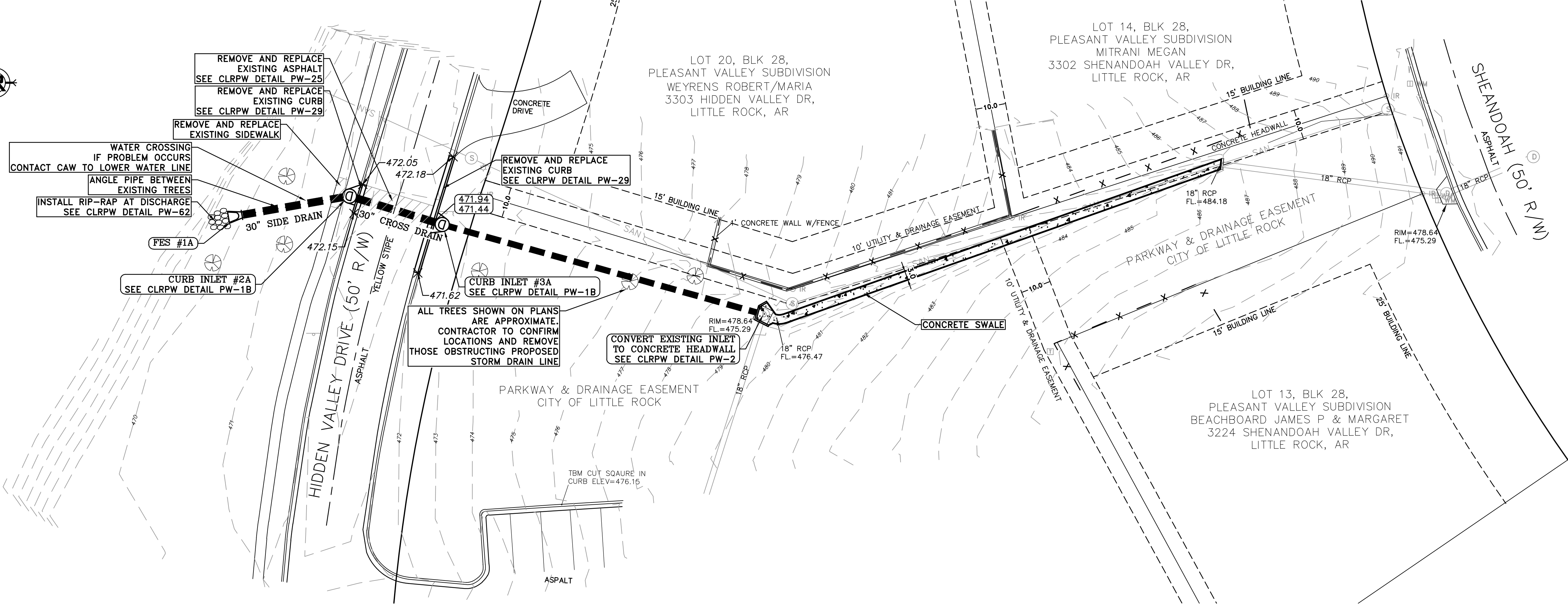
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 3810 LOOKOUT ROAD, N. LITTLE ROCK, AR. 72116  
 TEL: 501-753-4463 FAX: 501-753-6814

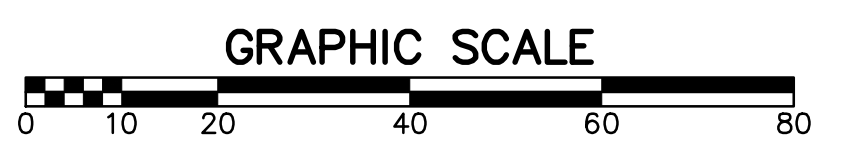
DEPARTMENT OF PUBLIC WORKS  
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 LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS  
 REGISTERED PROFESSIONAL ENGINEER  
 No. 11643  
 THOMAS R. POWELL

DRAWN BY  
 JB  
 DESIGNED  
 JB  
 CHECKED  
 JB  
 DATE  
 5/16/24  
 SCALE  
 1" = 20'  
 PROJECT NO.  
 CLR #04-22-DR-18  
 SHEET NO.  
**C-3**



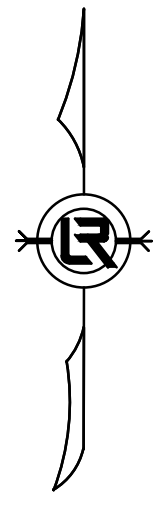
STORM A



100% SUBMITTAL

**TE** THOMAS ENGINEERING COMPANY  
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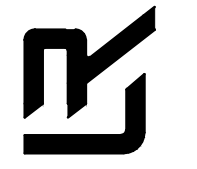




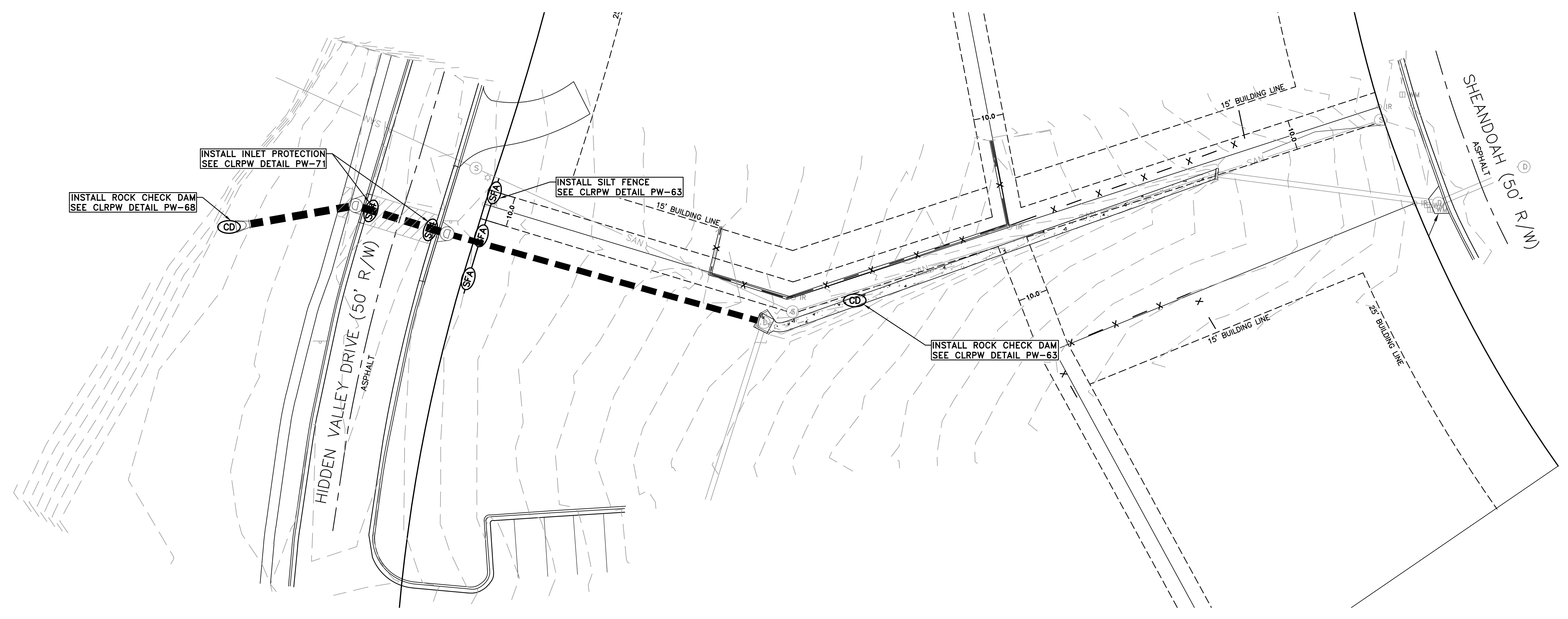
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 3303 HIDDEN VALLEY DRIVE DRAINAGE 04-22-DR-18  
 EROSION CONTROL PLAN

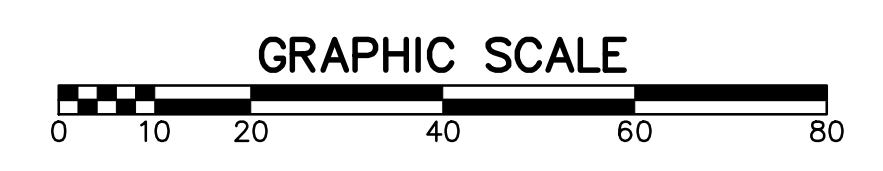
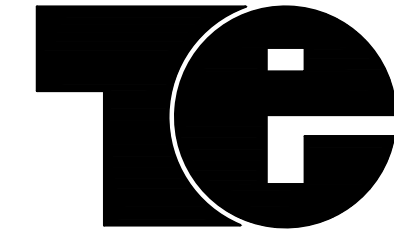
DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201




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DESIGNED JB
CHECKED JB
DATE 5/16/24
SCALE 1" = 20'
PROJECT NO. CLR #04-22-DR-18
SHEET NO. <b>C-4</b>



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THOMAS  
ENGINEERING  
COMPANY

3810 LOOKOUT ROAD, N. LITTLE ROCK, AR. 72116  
 TEL: 501-753-4463 FAX: 501-753-6814

REVISIONS	DATE

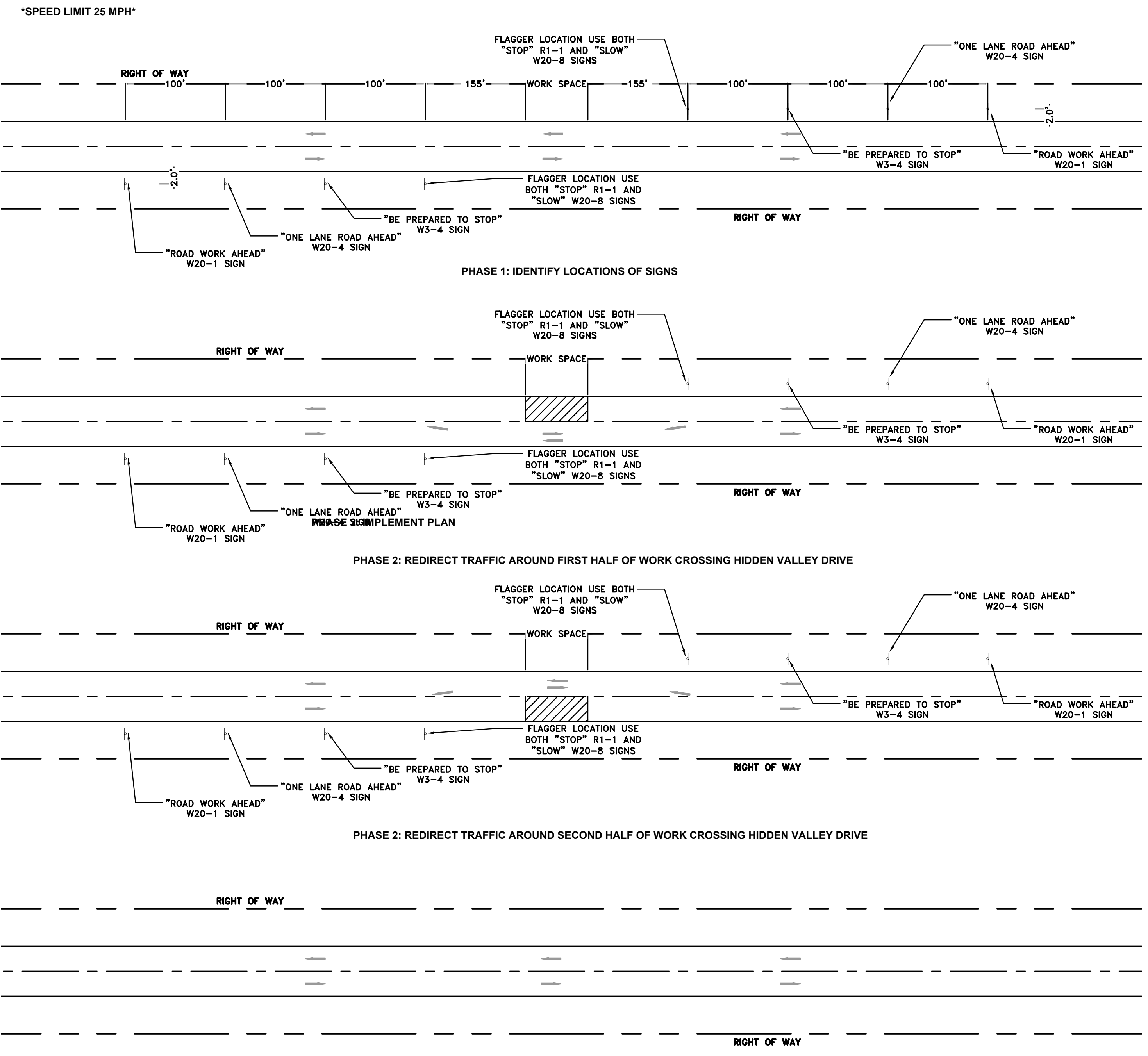
CITY OF LITTLE ROCK, ARKANSAS  
 3303 HIDDEN VALLEY DRIVE DRAINAGE 04-22-DR-18  
 MAINTENANCE OF TRAFFIC PLAN

DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201

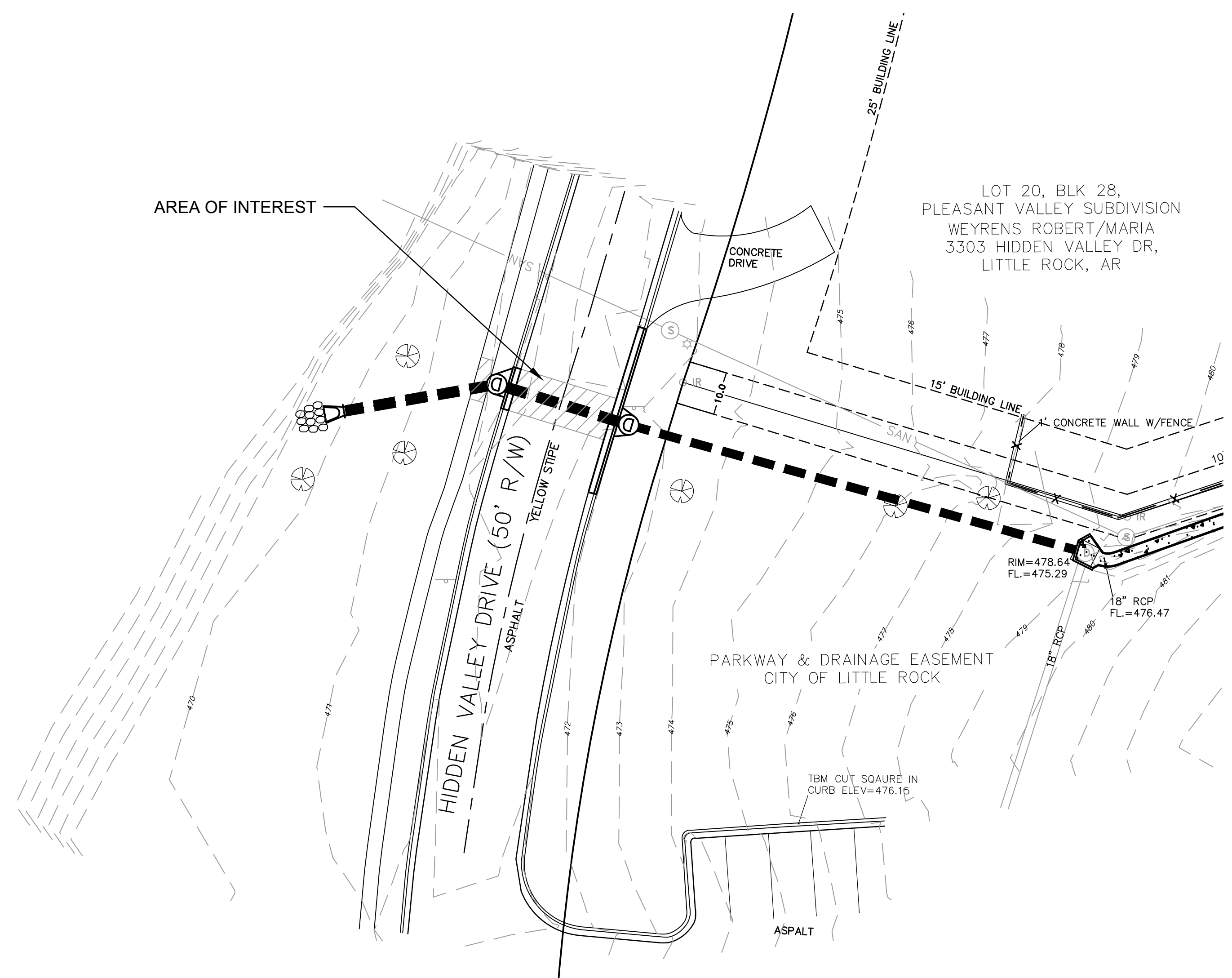


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 DESIGNED  
 JB  
 CHECKED  
 JB  
 DATE  
 5/14/24  
 SCALE  
 N.T.S.  
 PROJECT NO.  
 CLR #04-22-DR-18  
 SHEET NO.  
**C-5**

**CONSTRUCTION SEQUENCE  
 (NOT TO SCALE)**



INFORMATION GATHERED FROM MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS 2009 EDITION  
 REFER TO FIGURE 6E-1 & FIGURE 6E-3



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 3810 LOOKOUT ROAD, N. LITTLE ROCK, AR. 72116  
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