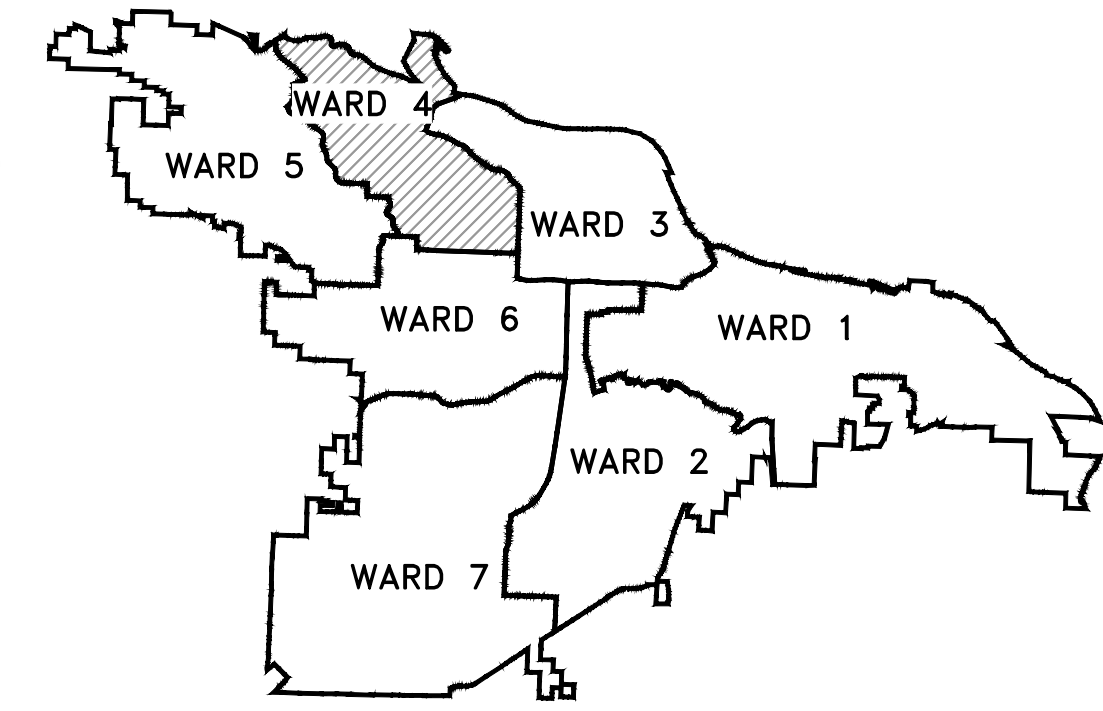


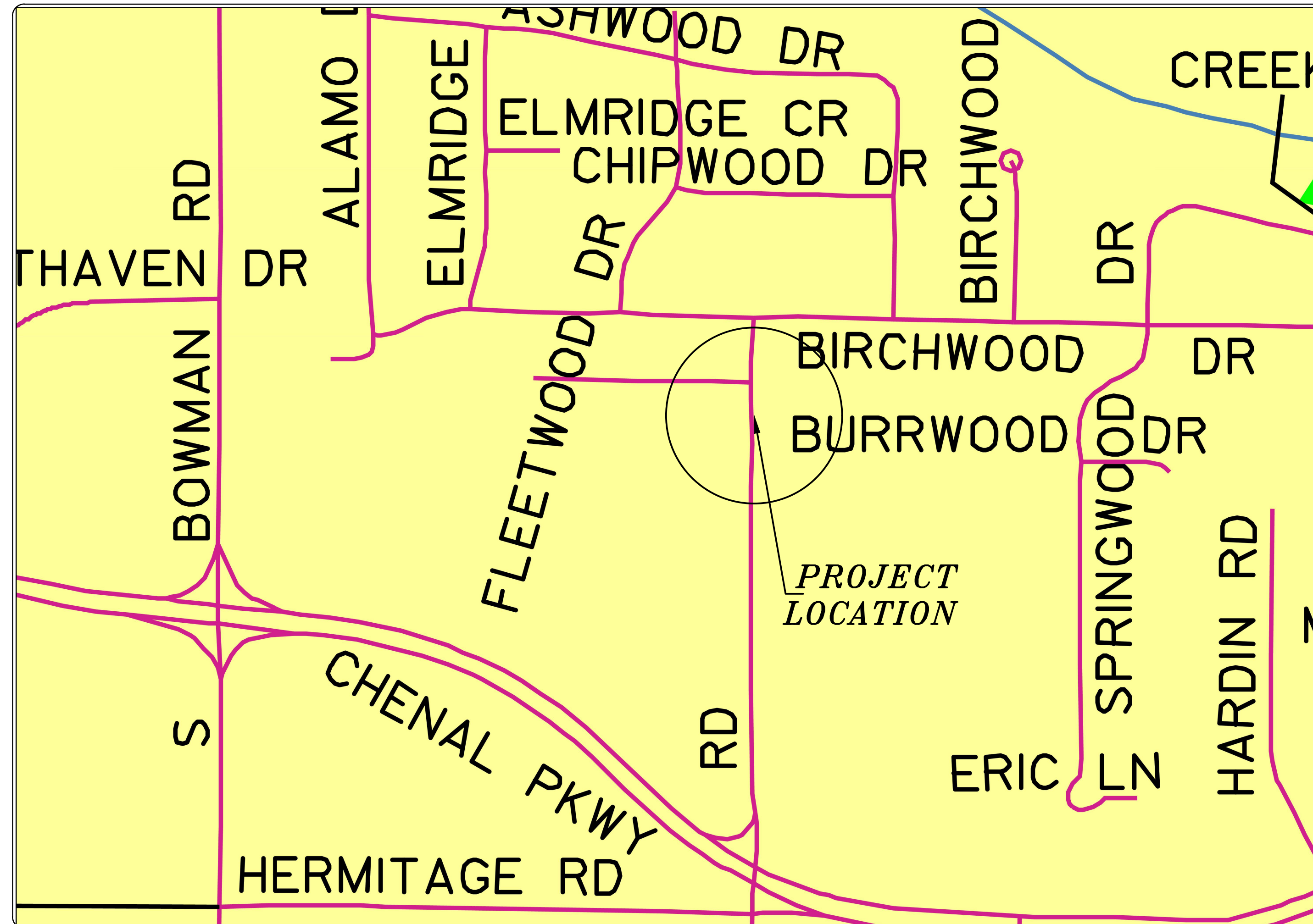
CLR PROJECT #04-22-ST-2DR

AUTUMN ROAD WIDENING

LITTLE ROCK, AR

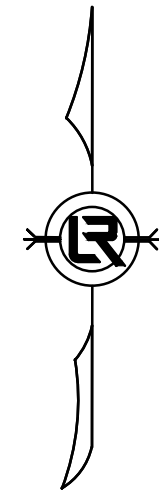


PROJECT LOCATION - WARD 4

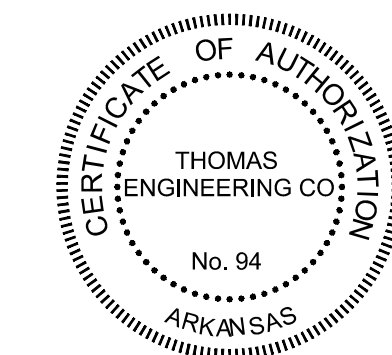


SHEET INDEX

TITLE SHEET	C-1
LEGENDS & QUANTITIES	C-2
TOPOGRAPHIC SURVEY	C-3
AUTUMN ROAD WIDENING	C-4
DRAINAGE IMPROVEMENT	C-5
EROSION CONTROL PLAN	C-6
DRIVEWAY CROSS SECTIONS	C-7



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



100% SUBMITTAL

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

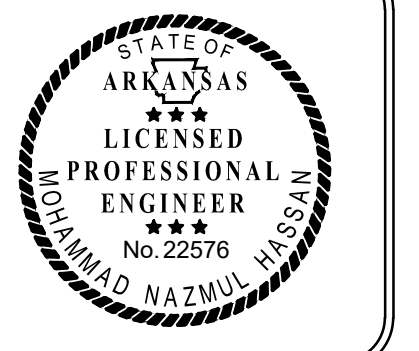
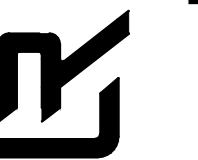
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 AUTUMN ROAD WIDENING
 04-22-ST-2DR

TITLE PAGE



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

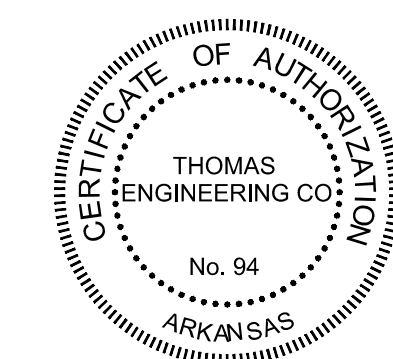


DRAWN BY

MNH
DESIGNED
MNH
CHECKED
TRP
DATE
6/21/24
SCALE
NOT TO SCALE
PROJECT NO.
CLR #04-22-ST-2DR
SHEET NO.
C-1

ESTIMATED QUANTITIES			
CLR PROJECT # 04-22-ST-2DR			
AUTUMN ROAD WINDENING - WARD 4			
15-May-24			
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
002.01	Site Preparation	LS	1
003.20	Ditch Excavation (Tail Ditch)	CY	20
004.01	Aggregate Base Course (Class 7)	TON	300
006.01	Asphalt Surface Course	TON	130
007.16	Concrete Driveway & Apron(6" Thick), Standard Finish	SF	1560
008.01	Concrete Curb & Gutter (Class 3)	LF	410
009.10	Concrete Sidewalk (4" Thick)	SF	870
010.07a	Curb Inlet w/ Throat Extension	EA	1
011.02	Reinforced Concrete Headwall	CY	5
013.61	Tie Into Existing Junction Box	EA	1
014.10	Solid Sodding (Bermuda)	SY	200
016.01	Maintenance of Traffic	LS	1
018.40	Handrail	LF	75
018.50	Access Ramp	SF	100
019.01	Final Cleanup	LS	1
022.10	Mailbox Relocation	EA	1
024.05	Silt Fence (E-11)	LF	500
024.15	Drop Inlet Protection Silt Fence (E-7)	LF	80
024.25	Rock Ditch Check (E-5)	CY	50
X	Storm Drain Pipe 54"x88" CROSS DRAIN	LF	55
013.18Sb	Storm Drain Pipe 18" SIDE DRAIN	LF	22
013.24S	Storm Drain Pipe 24" Storm Drain Pipe - Side Drain	LF	30
X	Asbuilt Drawing <u>Drainage</u>	LS	1
719.03	Thermoplastic Pavement Symbols	LF	500
X	Remove Existing Trees	EA	11
X	Relocate Existing Signs	EA	2
018.15	Valve & Meter Boxes Adjusted to Grade	EA	2

EXISTING		PROPOSED
IRON ROD	○ IR	PROPOSED CONTOUR
PK NAIL	○ PK	PROPOSED SPOT ELEVATION
R.R. SPIKE	○ RR(Sp)	PROPOSED SPOT CURB ELEVATION
CONC. MONUMENT	□ CM	STORM SEWER - PIPE
WATER VALVE	⊗ WV	STORM SEWER - MITERED END SECTION
WATER METER	⊗ WM	STORM SEWER - GRATE INLET
FIRE HYDRANT	⊗ FH	STORM SEWER - JUNCTION BOX
GAS METER	⊗ GM	STORM SEWER - FLARED END SECTION
GAS VALVE	⊗ GV	STORM SEWER - HEADWALL
CLEAN-OUT	○ CO	STORM SEWER - SINGLE WING
GUARD POST (BOLLARD)	● GP	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
EVERGREEN/CONIFEROUS TREE	⊕	SEDIMENT BARRIER - SILT FENCE
BUSH	⊕	SEDIMENT BARRIER - GRAVEL RING
PROPERTY LINE	⊕	SEDIMENT BARRIER - BLOCK & GRAVEL
SETBACK LINE	⊕	SEDIMENT BARRIER - BLOCK
EASEMENT LINE	⊕	TEMPORARY SEDIMENT BASIN
CURB	⊕	SILT FENCE - TYPE A
FENCE	⊕	SILT FENCE - TYPE B
OVERHEAD ELECTRIC	⊕	SILT FENCE - TYPE C
OVERHEAD TELEPHONE	⊕	STORM DRAIN OUTLET PROTECTION
OVERHEAD CABLE	⊕	SURFACE ROUGHENING
UNDERGROUND TELEPHONE	⊕	DISTURBED AREA STABILIZATION -TEMPORARY STABILIZATION
UNDERGROUND ELECTRIC	⊕	DISTURBED AREA STABILIZATION -TEMPORARY GRASSING
UNDERGROUND CABLE	⊕	DISTURBED AREA STABILIZATION -PERMANENT GRASSING
WATER LINE	⊕	MATTING/BLANKETS
SEWER LINE	⊕	
GAS LINE	⊕	
STORM SEWER/CULVERT	⊕	
EDGE OF WOODS	⊕	
CONTOUR LINE	⊕	



100% SUBMITTAL

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

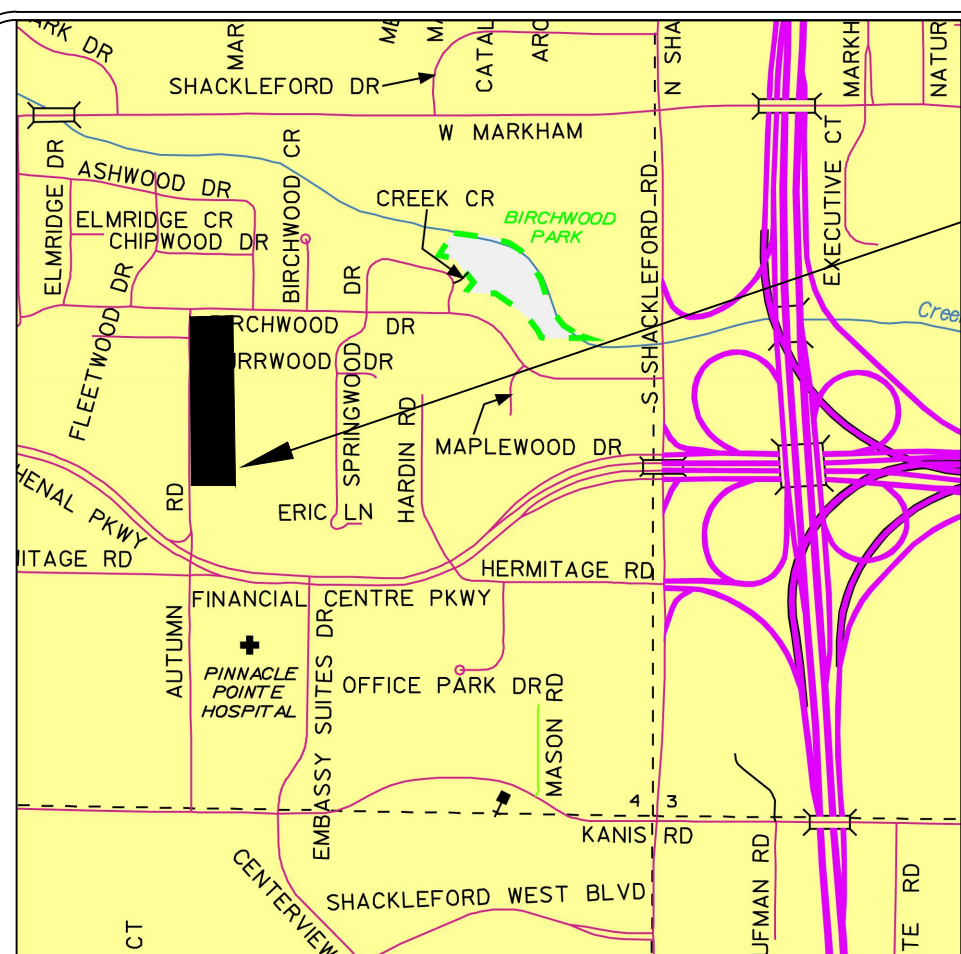
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 AUTUMN ROAD WIDENING
 04-22-ST-2DR
 LEGENDS AND QUANTITIES

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

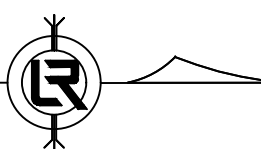


DRAWN BY MNH
DESIGNED MNH
CHECKED TRP
DATE 6/21/24
SCALE NOT TO SCALE
PROJECT NO. CLR #04-22-ST-2DR
SHEET NO. C-2



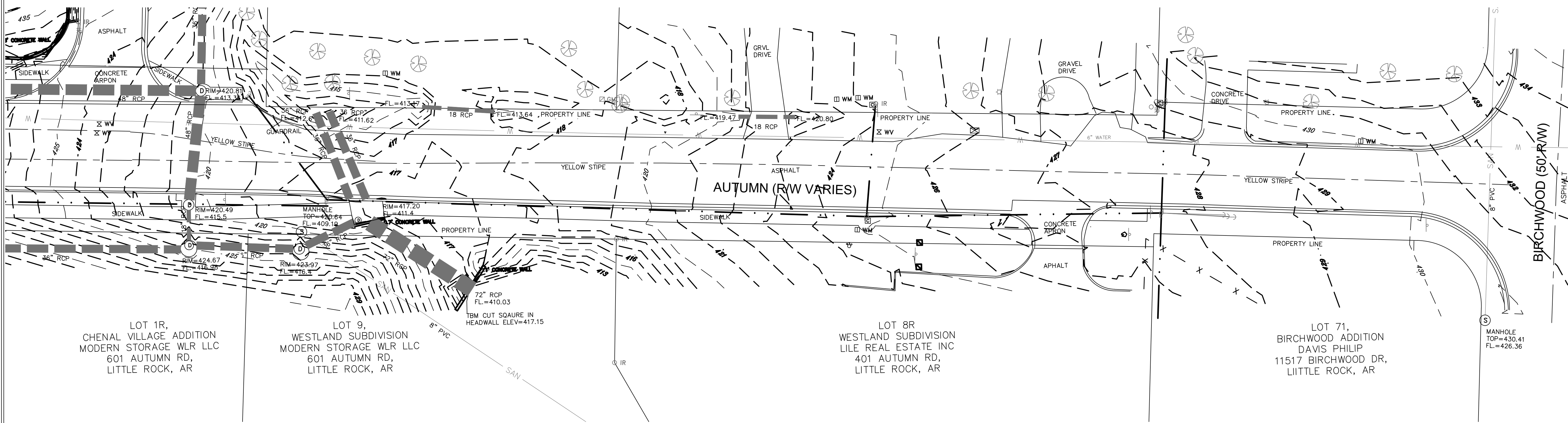
VICINITY MAP

THIS SITE



EXISTING

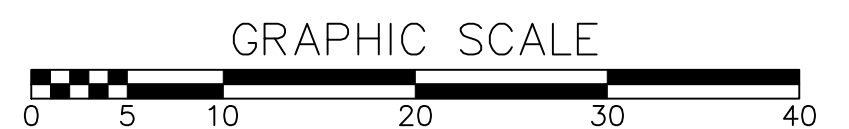
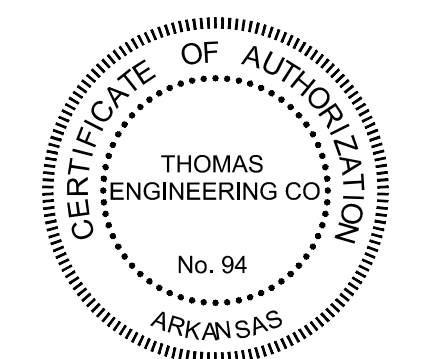
- IR
- ⊗ WV
- WM
- ⊕ FH
- ⊠ GM
- (with dot) BENCHMARK
- ⊕ (with circle) STORM SEWER MANHOLE
- ⊕ (with cross) SANITARY SEWER MANHOLE
- ⊕ (with circle) UTILITY POLE
- ⊕ (with cross) GUY WIRE
- ⊕ (with circle) LIGHT POLE
- ⊕ (with cross) MAILBOX
- ⊕ (with circle) CABLE BOX
- ⊕ (with cross) UNDERGROUND ELECTRIC



- 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 0319 H DATED JUNE 6, 2019.
 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.



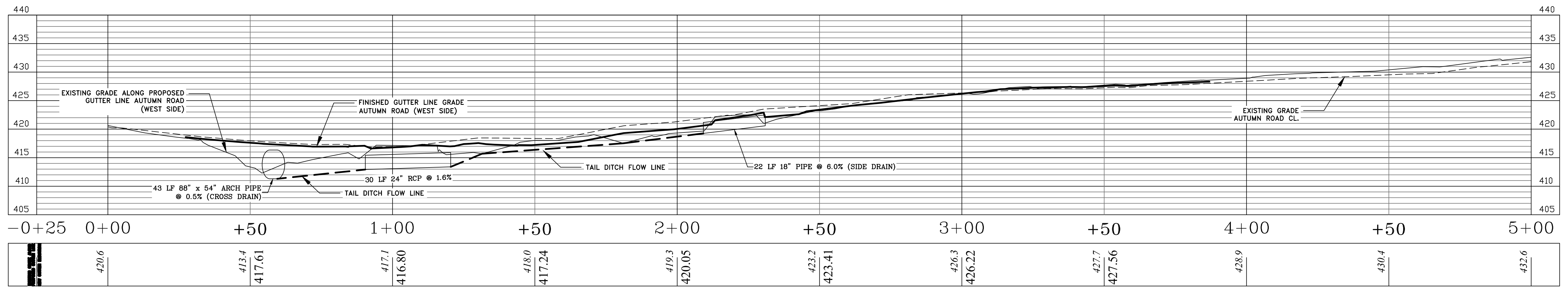
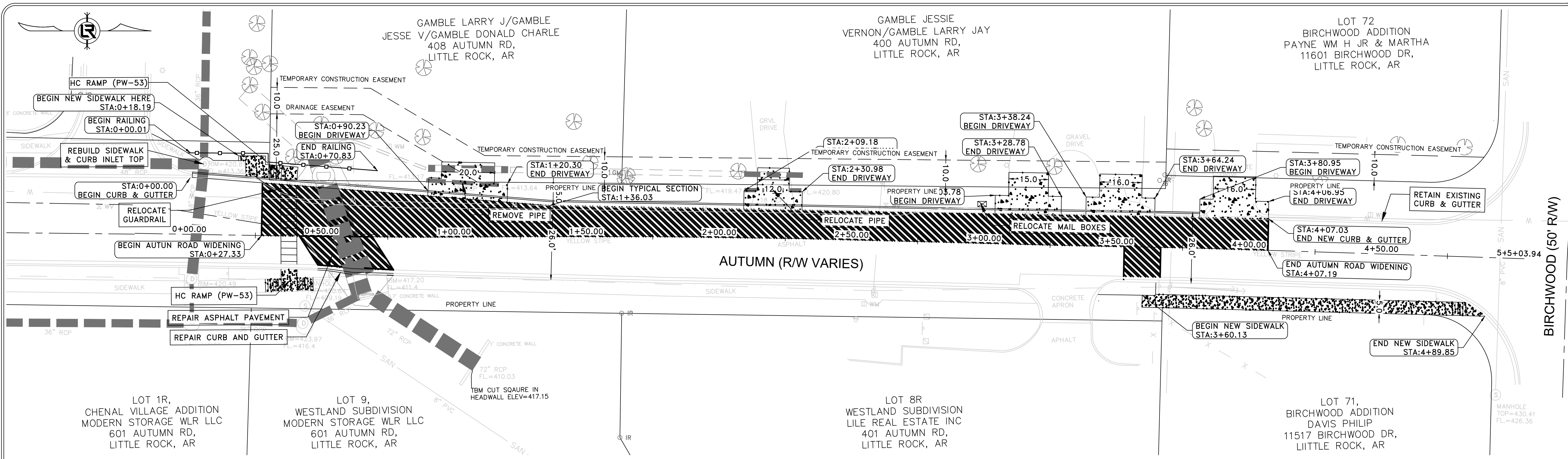
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 AUTUMN STREET WIDENING
 TOPOGRAPHIC SURVEY

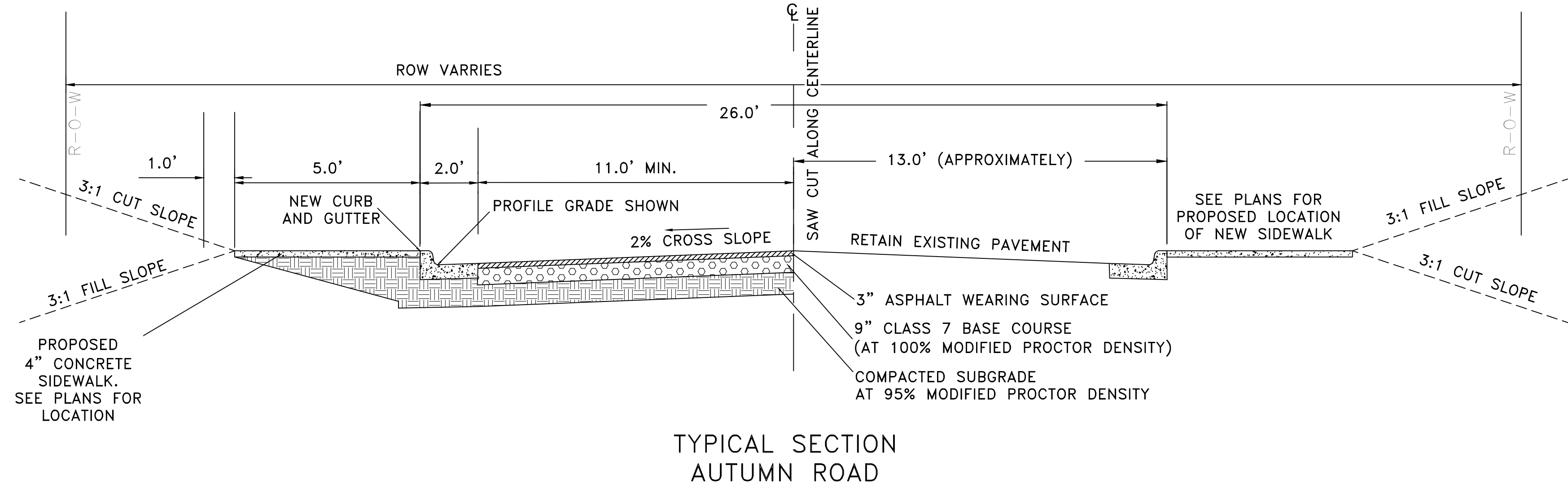
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



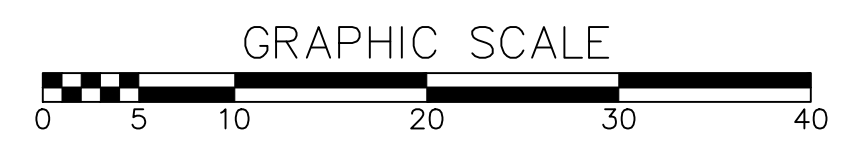
DRAWN BY
 MNH
DESIGNED
 MNH
CHECKED
 TRP
DATE
 11/10/23
SCALE
 1"=20'
PROJECT NO.
 CLR #04-22-ST-2DR
SHEET NO.
 C-3



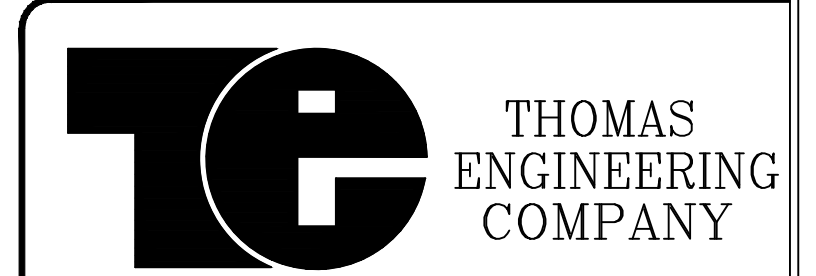
AUTUMN ROAD - PROFILES AND SIDE DRAINS



AUTUMN ROAD WIDENING- TYPICAL SECTION



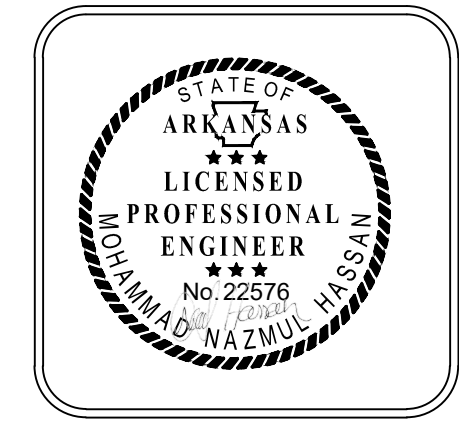
100% SUBMITTAL



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
AUTUMN ROAD WIDENING
04-22-ST-2DR
AUTUMN ROAD WIDENING

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



DRAWN BY
MNH

DESIGNED
MNH

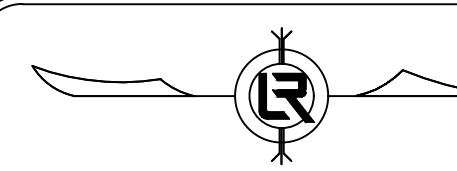
CHECKED
TRP

DATE
6/21/24

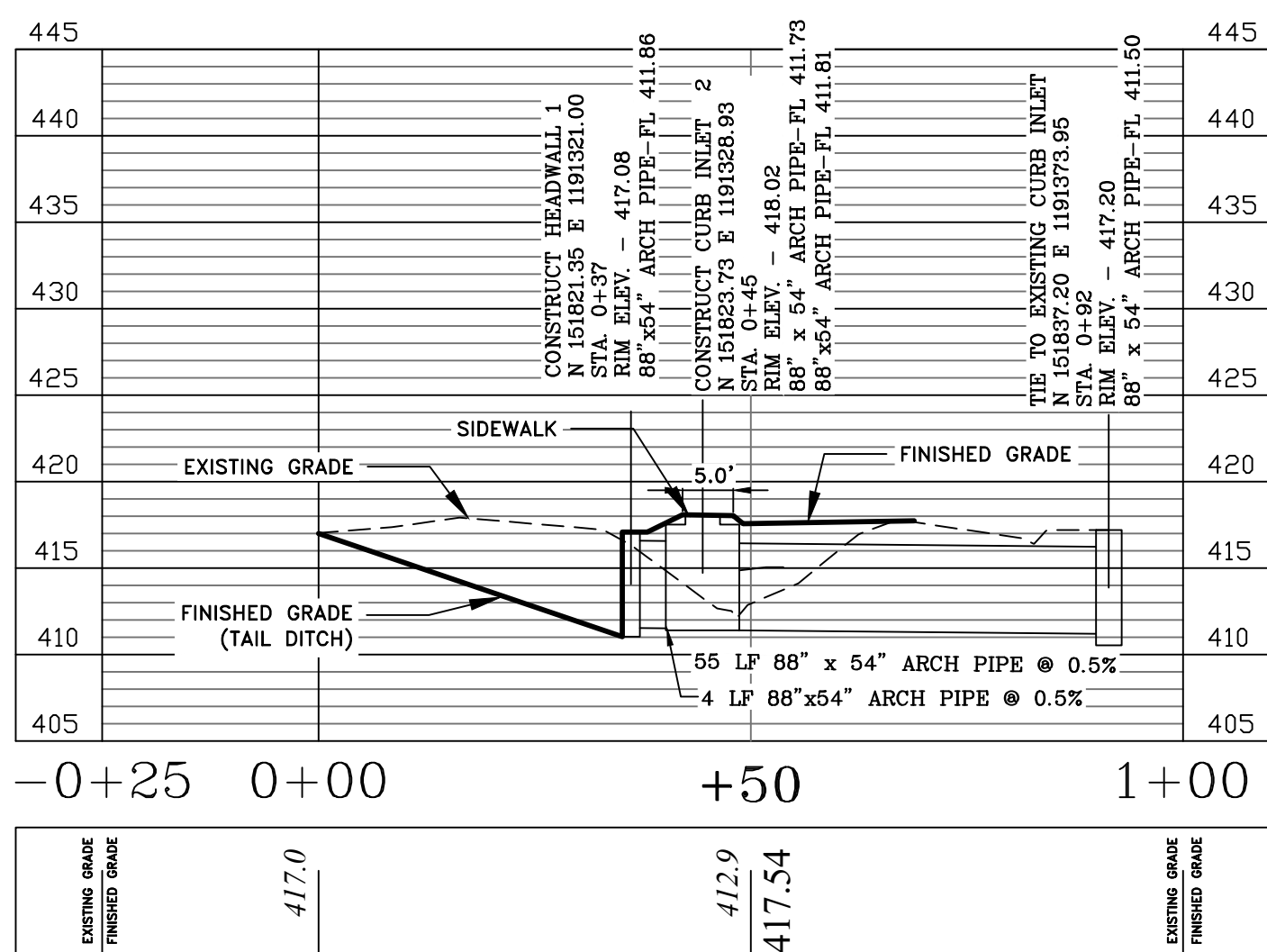
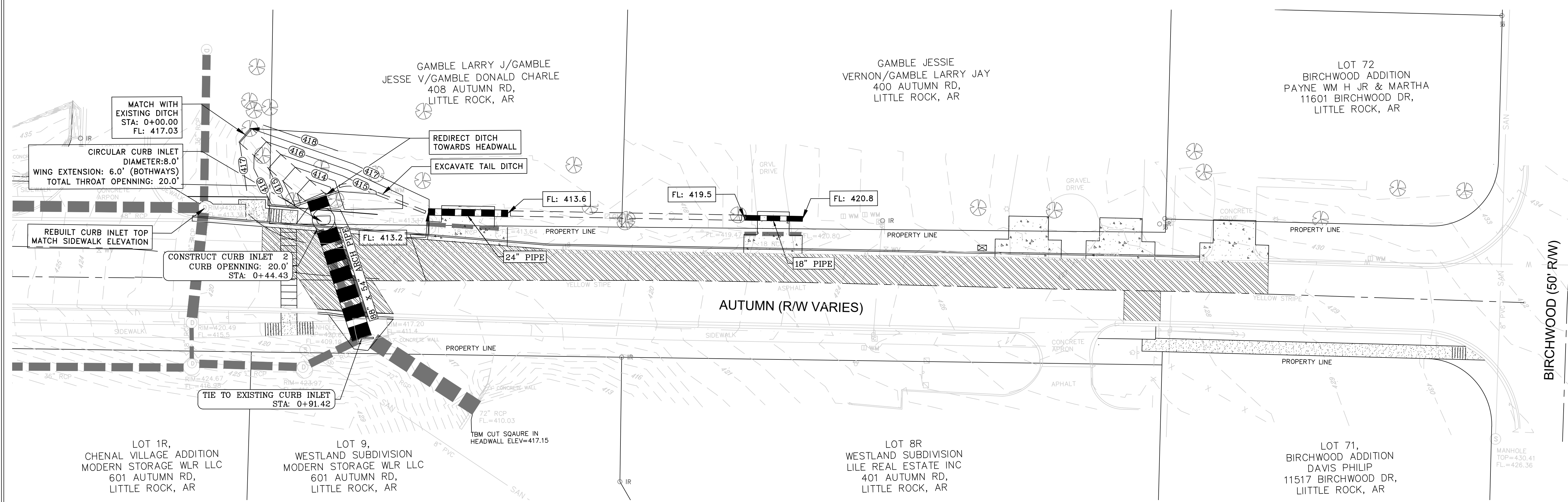
SCALE
1"=20'

PROJECT NO.
CLR #04-22-ST-2DR

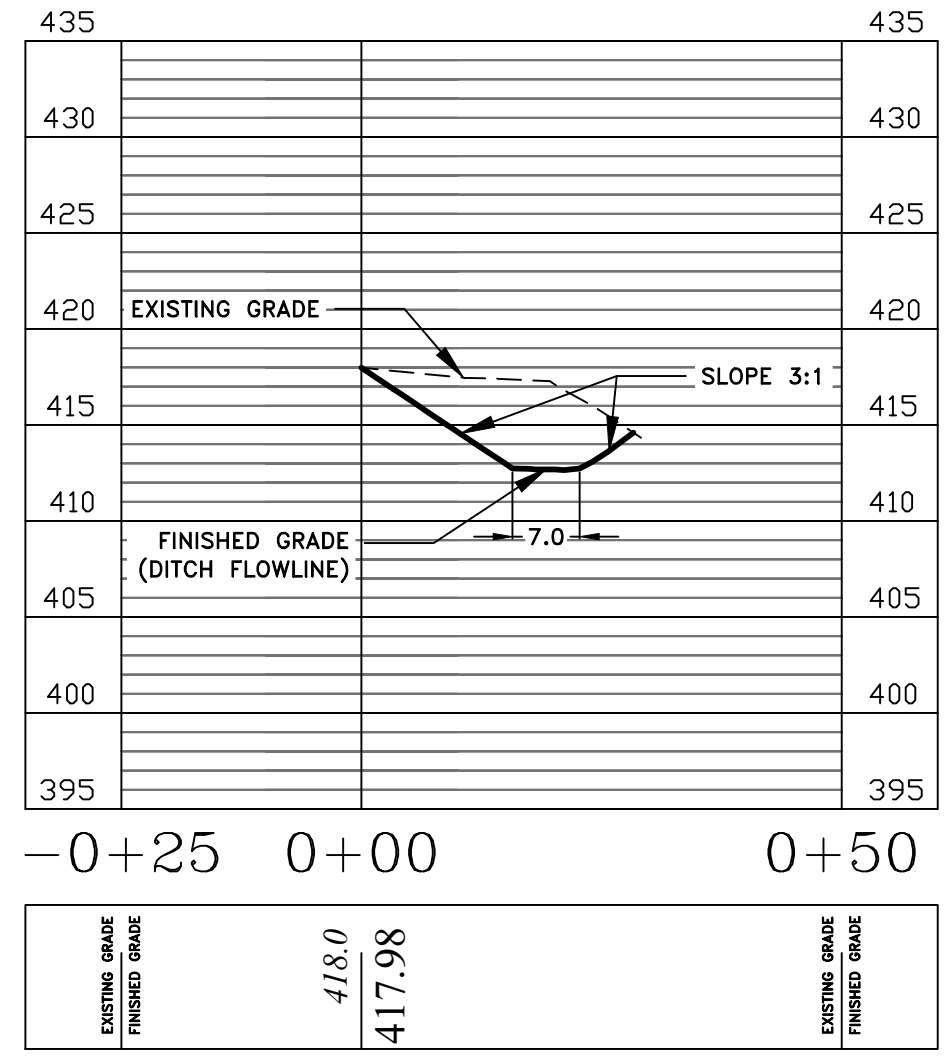
SHEET NO.
C-4



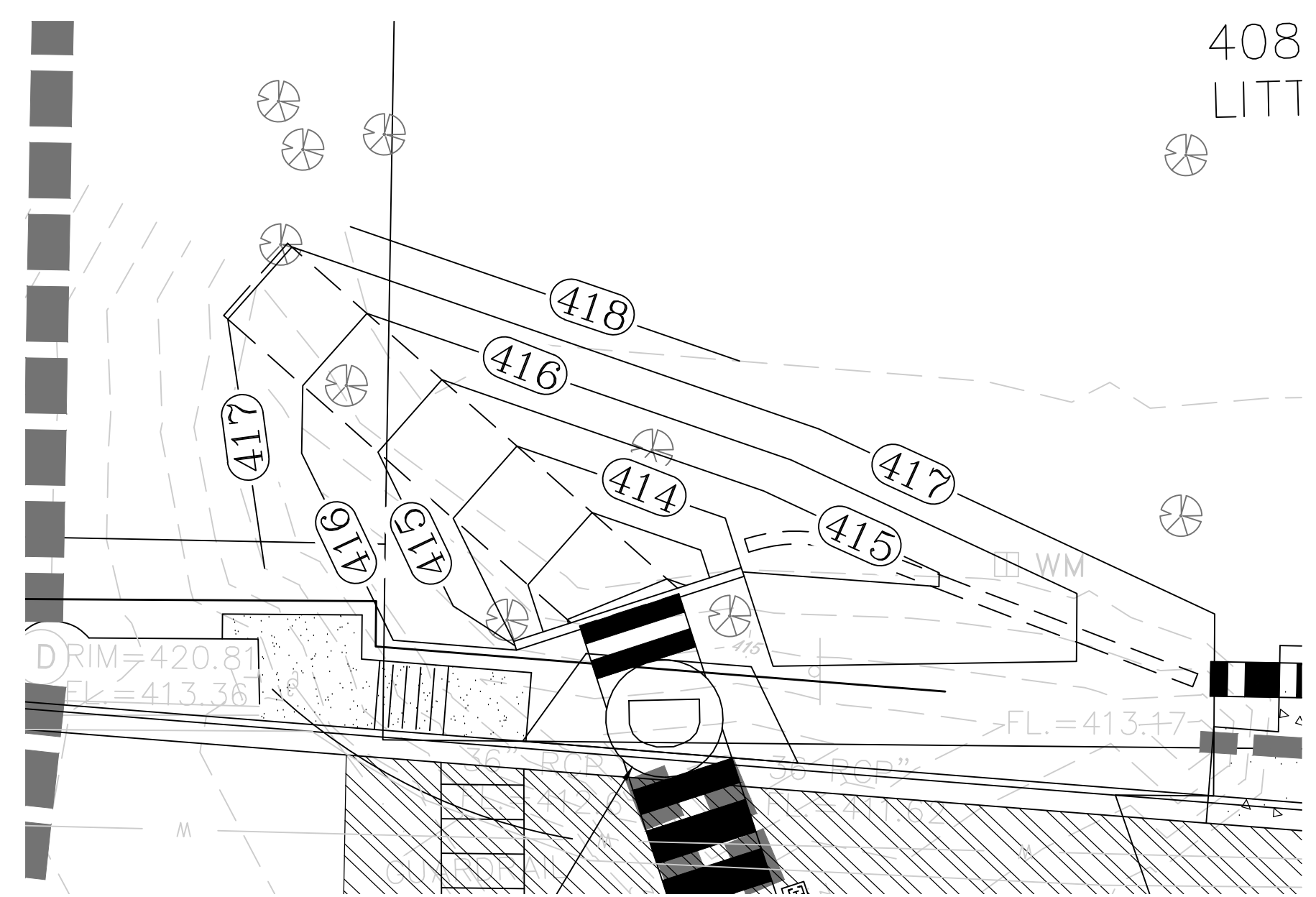
REVISIONS	DATE



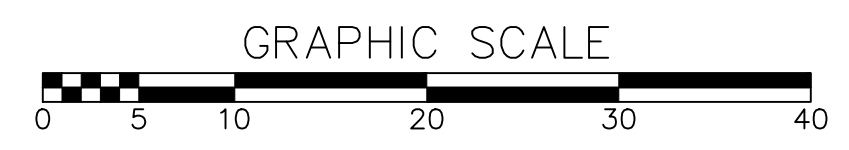
AUTUMN ROAD - CROSS DRAIN



DITCH SECTION



DITCH GRADING (SCALE: 1" = 10')

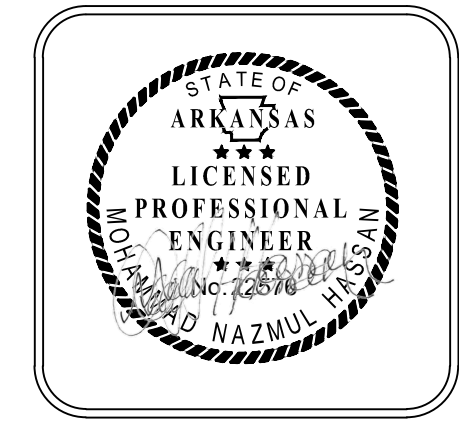


100% SUBMITTAL

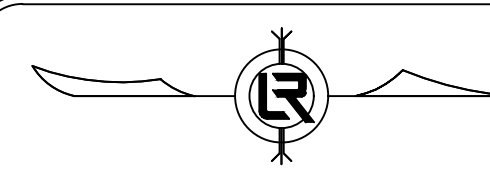
THOMAS ENGINEERING COMPANY
 3810 LOOKOUT ROAD, N. LITTLE ROCK, AR. 72116
 TEL: 501-753-4463 FAX: 501-753-6814

CITY OF LITTLE ROCK, ARKANSAS
AUTUMN ROAD WIDENING
04-22-ST-2DR
DRAINAGE IMPROVEMENT

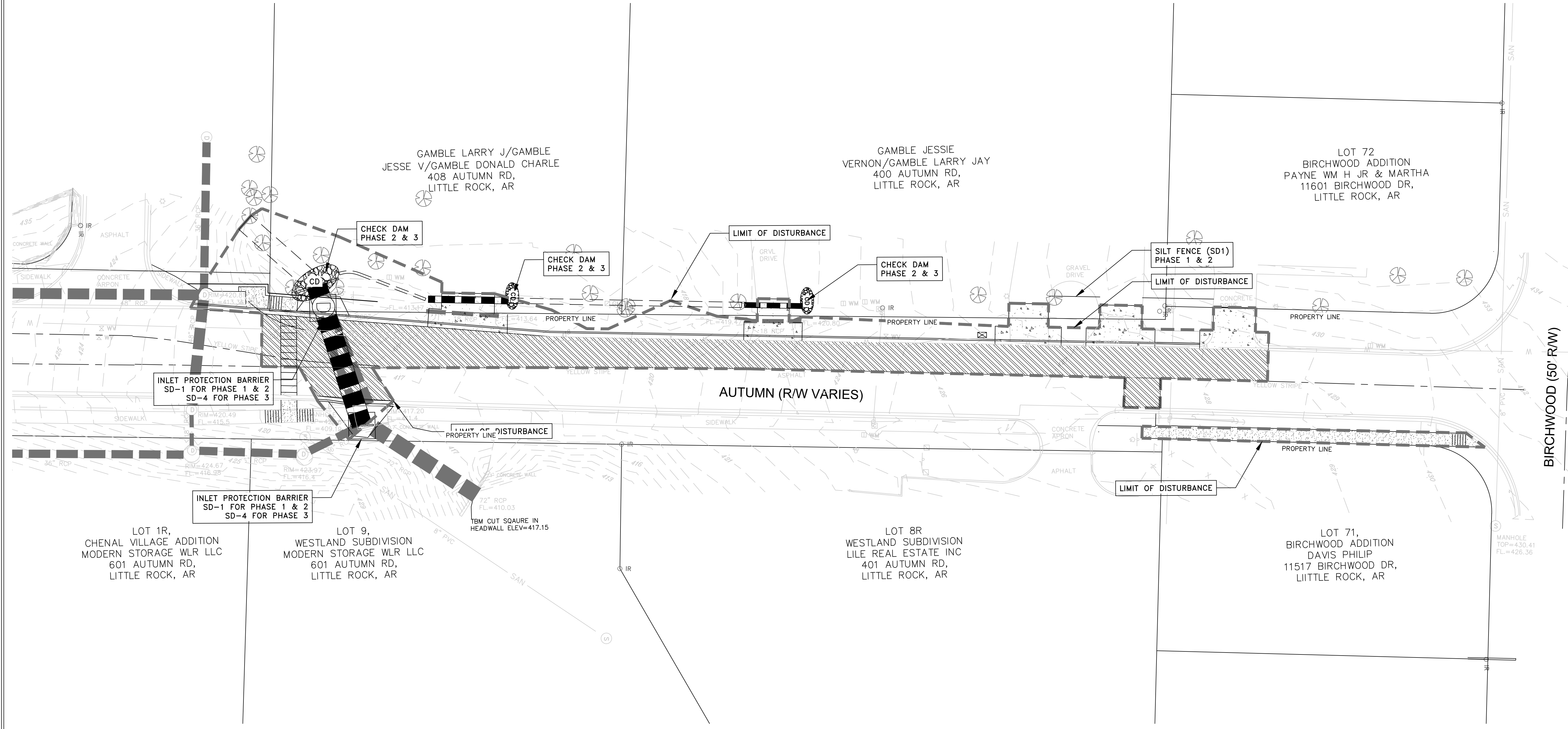
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



DRAWN BY MNH
DESIGNED MNH
CHECKED TRP
DATE 6/21/24
SCALE 1"=20'
PROJECT NO. CLR #04-22-ST-2DR
SHEET NO. C-5



REVISIONS	DATE



EROSION CONTROL NOTES:

PHASE 1

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT AND SWPPP INFORMATION SIGN.
2. INSTALL SILT FENCES ON THE SITE. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE.
3. PREPARE TEMPORARY PARKING AND STORAGE IF THERE IS TO BE ONE.
4. HALT ALL ACTIVITIES AND CONTACT THE CITY OF LITTLE ROCK TO PERFORM INSPECTION AND ACCEPTANCE OF BMP'S.
5. CONSTRUCT AND STABILIZE SEDIMENT TRAPS WITH APPROPRIATE OUTFALL STRUCTURES. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL TRAPS.
6. INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (DIKES, SWALES, CHECK DAMS, ETC.). CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL HYDRAULIC CONTROL DEVICES.

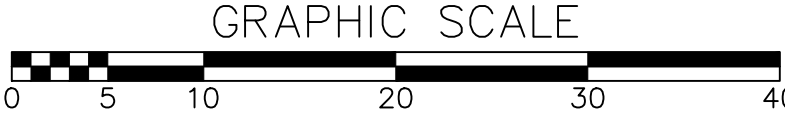
PHASE 2

1. BEGIN SITE DEMOLITION, CLEARING AND GRUBBING.
2. CONTINUE GRADING THE SITE.
3. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS & GUTTERS.
4. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.

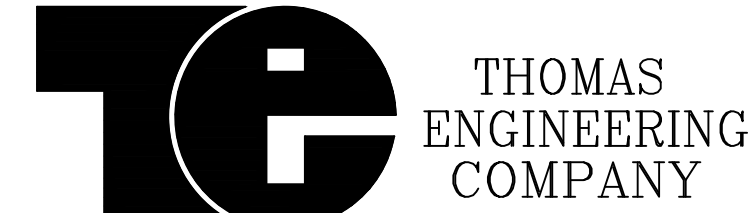
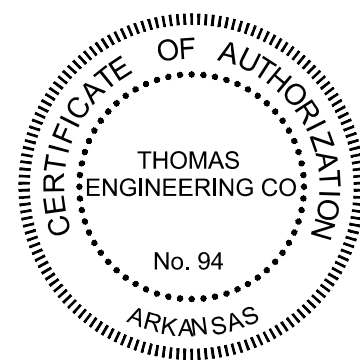
PHASE 3

1. CONTINUE GRADING THE SITE.
2. PREPARE SITE FOR PAVING.
3. PAVE THE SITE.
4. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR AREAS AS WORK PROGRESSES.
5. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.

AREA OF DISTURBANCE: 13,100 SF.



100% SUBMITTAL



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

CITY OF LITTLE ROCK, ARKANSAS
AUTUMN ROAD WIDENING
04-22-ST-2DR

EROSION CONTROL



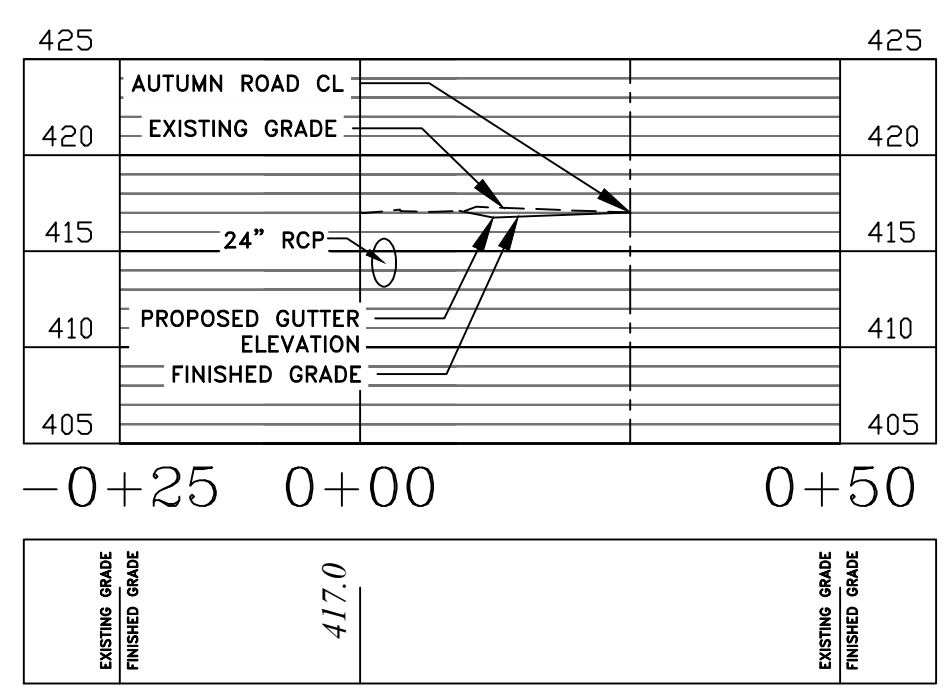
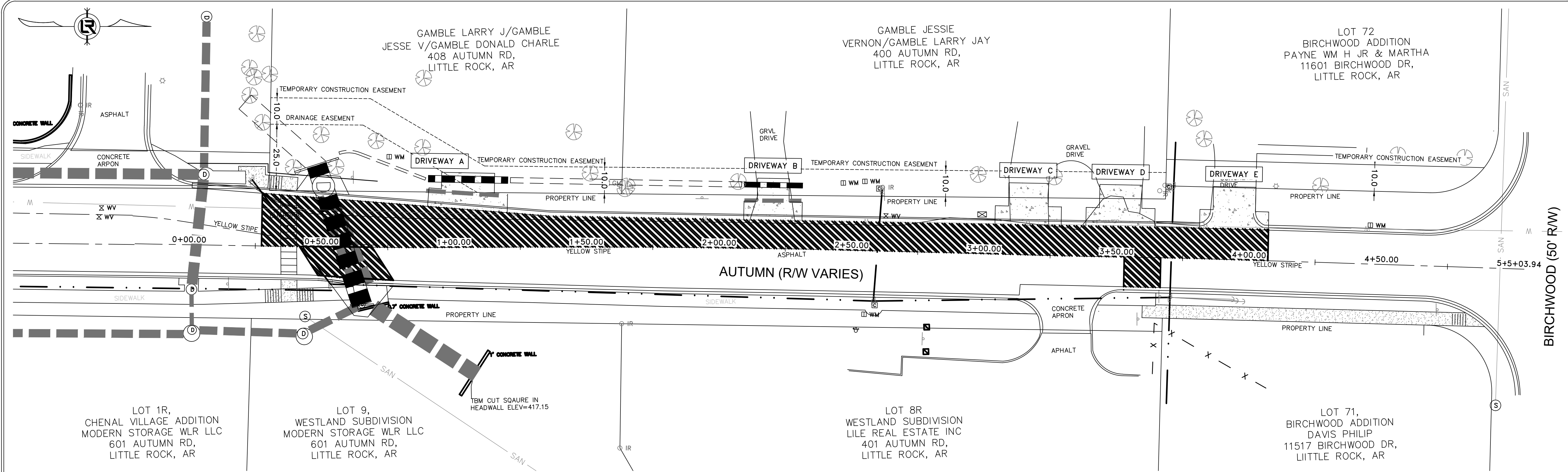
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



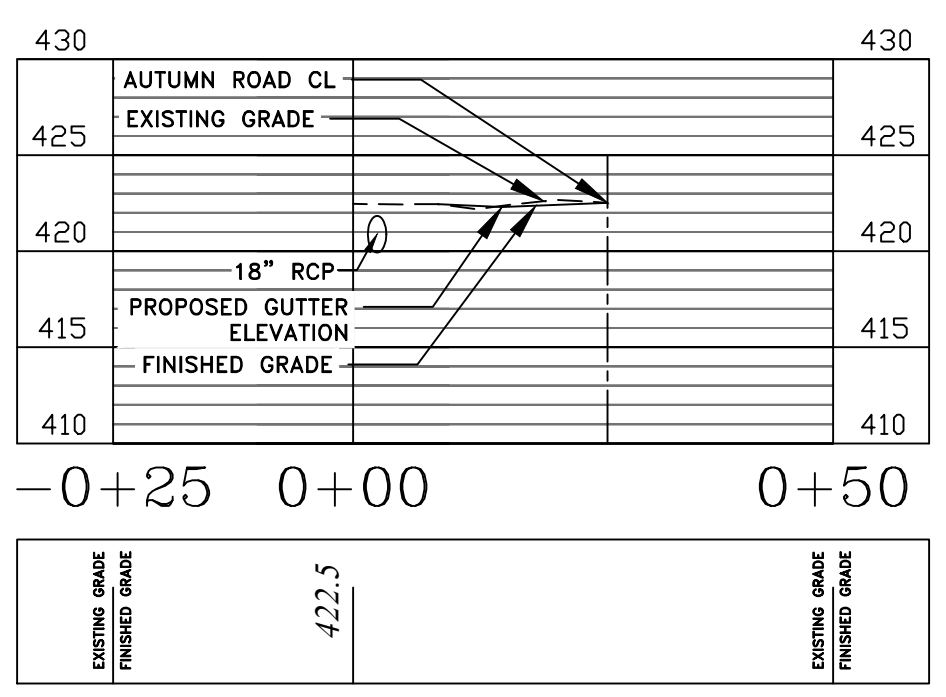
DRAWN BY
MNH
DESIGNED
MNH
CHECKED
TRP
DATE
6/21/24
SCALE
1"=20'

PROJECT NO.
CLR #04-22-ST-2DR
SHEET NO.

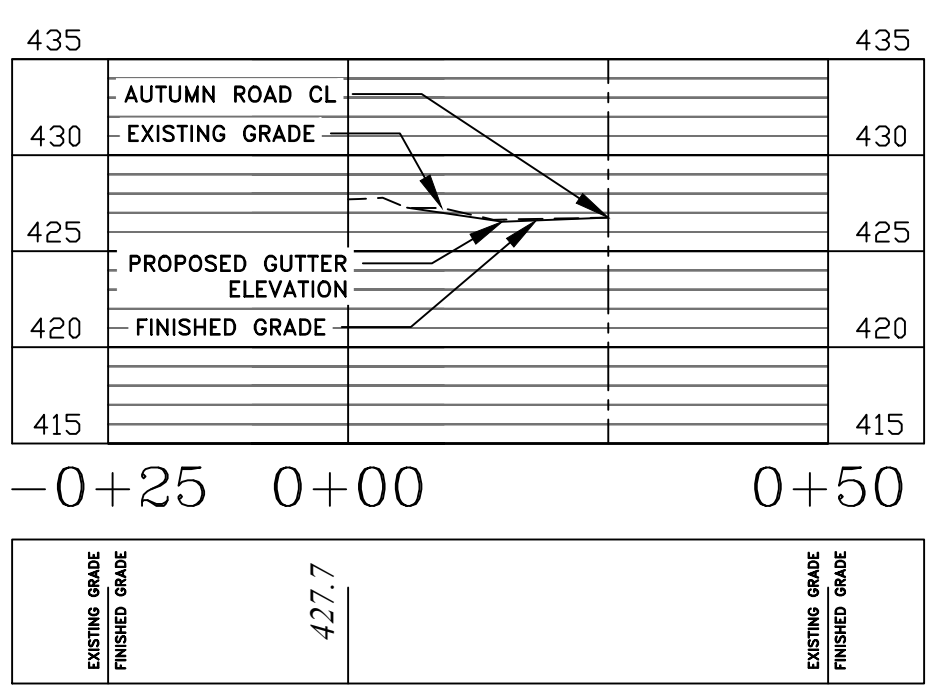
C-6



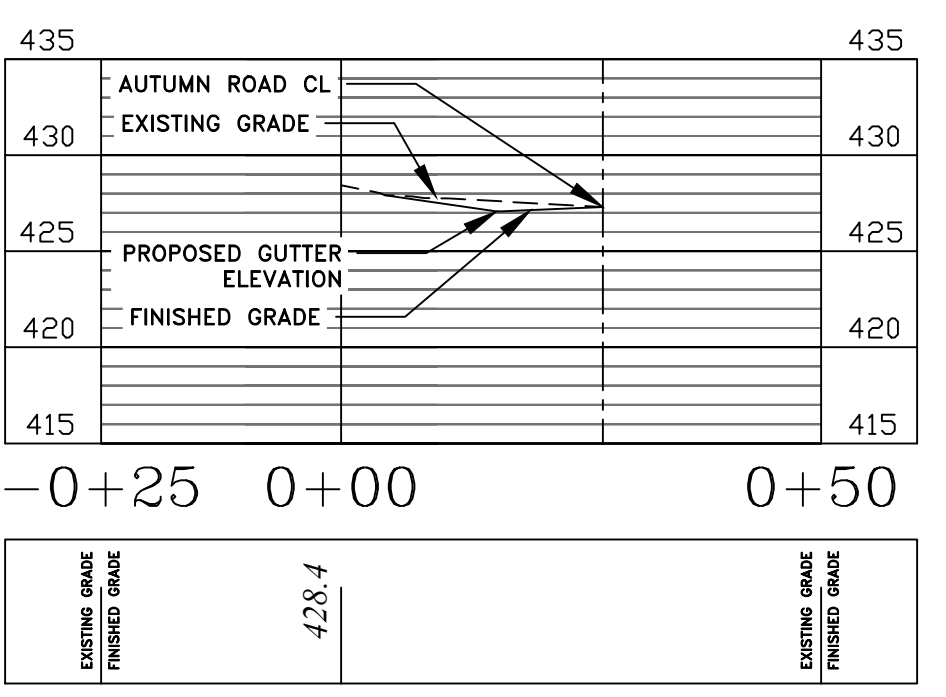
DRIVEWAY A



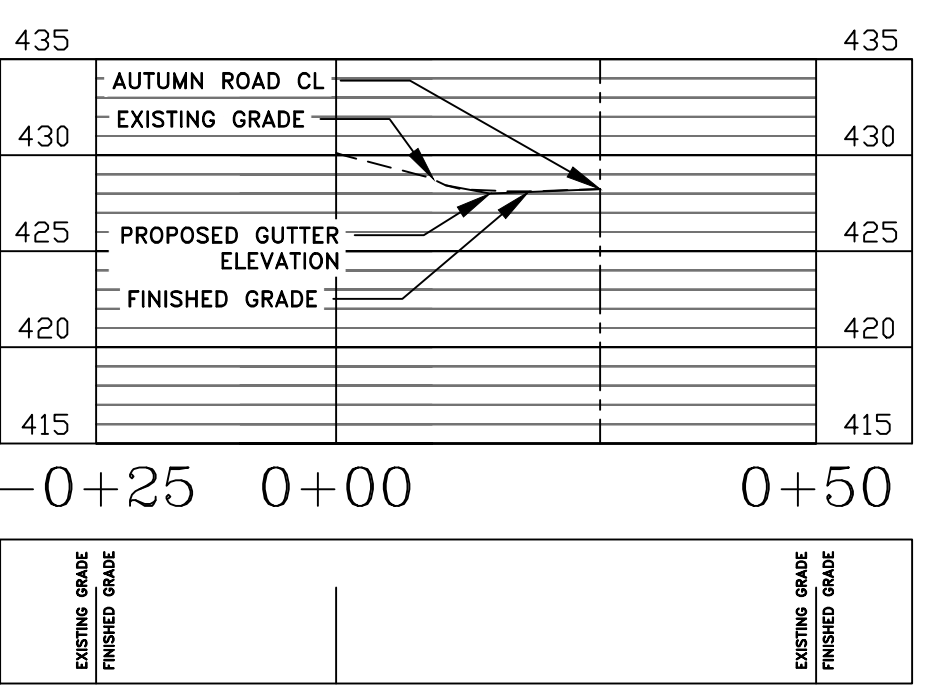
DRIVEWAY B



DRIVEWAY C



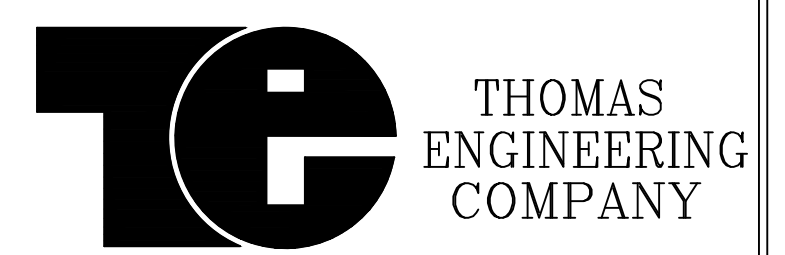
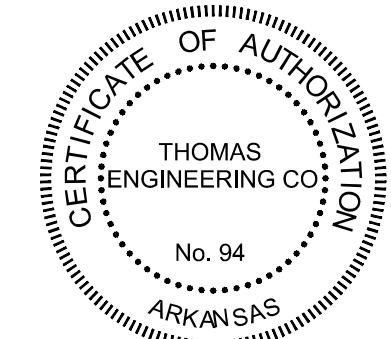
DRIVEWAY D



DRIVEWAY E



100% SUBMITTAL

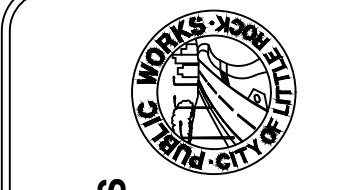


3810 LOOKOUT ROAD, N. LITTLE ROCK, AR. 72116
TEL: 501-753-4463 FAX: 501-753-6814

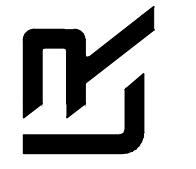
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
AUTUMN ROAD WIDENING
04-22-ST-2DR

DRIVEWAY CROSS SECTIONS



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



DRAWN BY
MNH
DESIGNED
MNH
CHECKED
TRP
DATE
6/21/24
SCALE
1"=20'

PROJECT NO.
CLR #04-22-ST-2DR
SHEET NO.
C-7