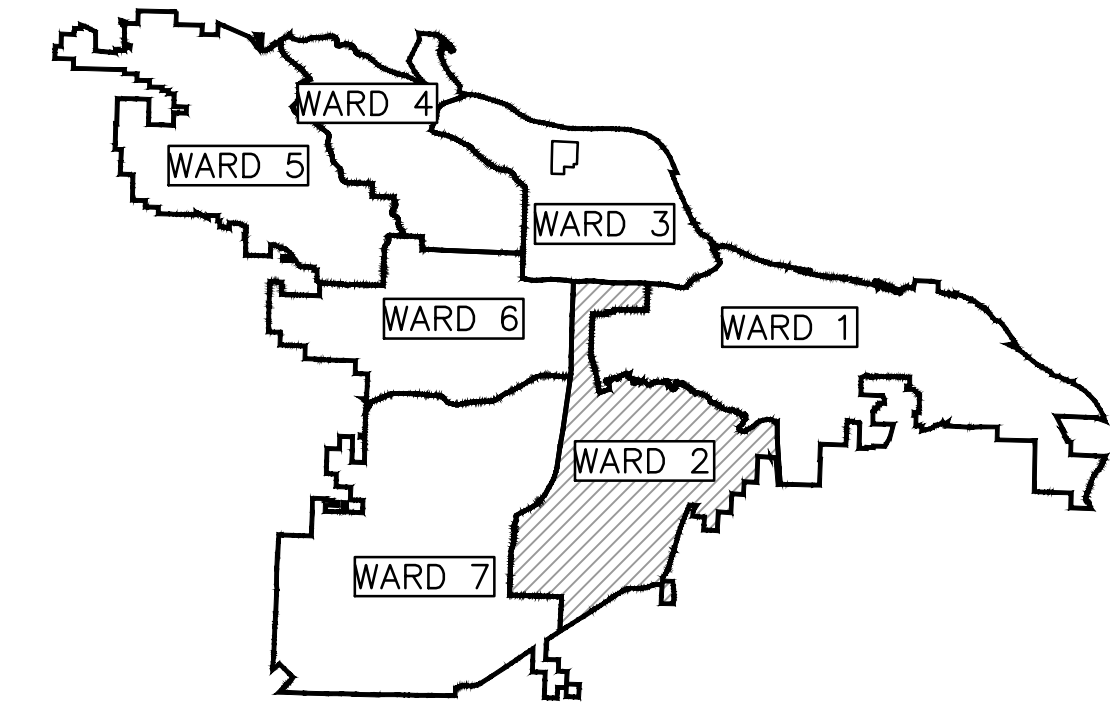


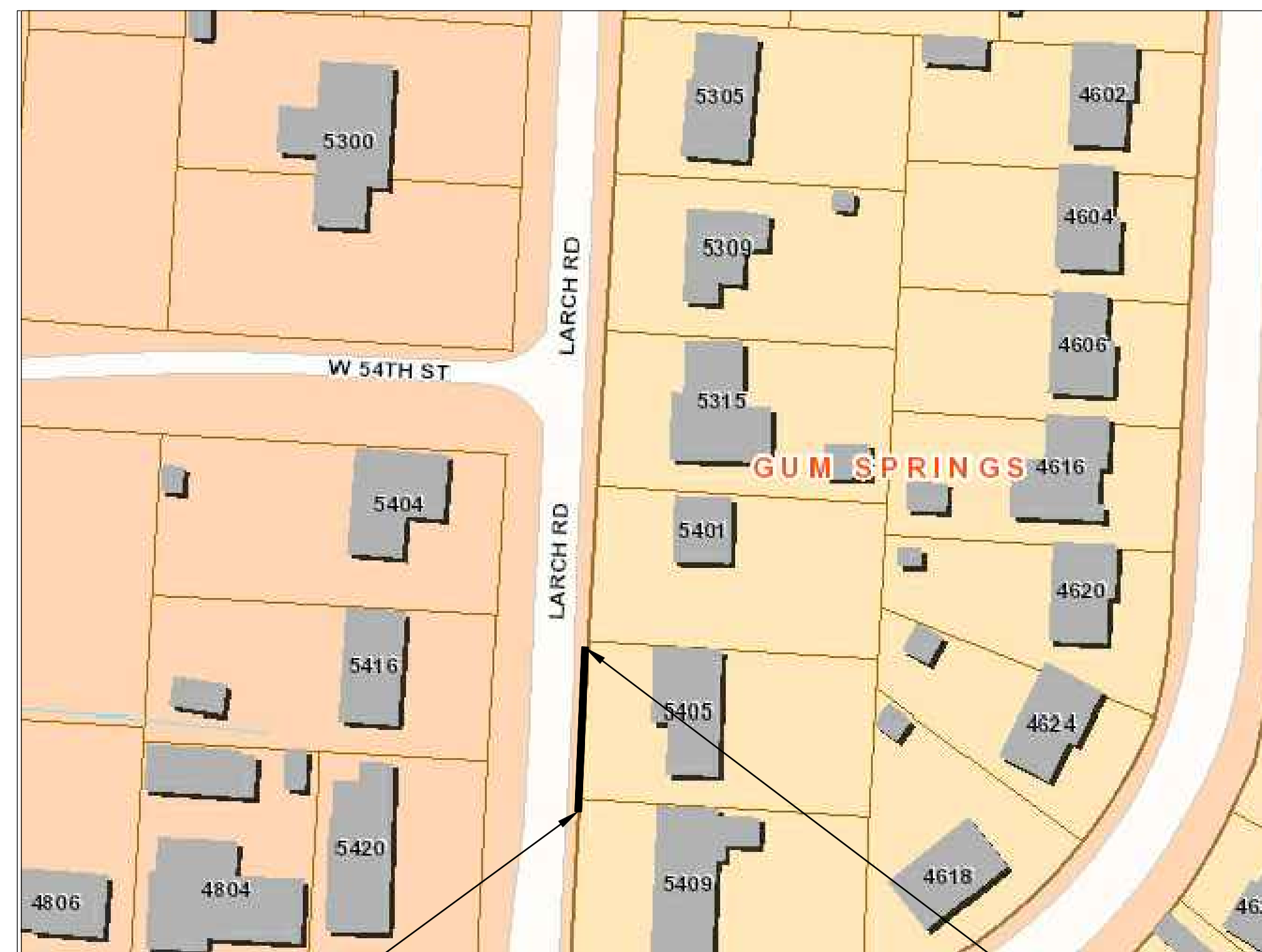
# CLR PROJECT 02-22-DR-05 #5405 LARCH ROAD DRAINAGE



PROJECT LOCATION - WARD 2

### INDEX OF SHEETS:

- C1 COVER SHEET
- C2 GENERAL NOTES, LEGEND AND QUANTITIES
- C3 TYPICAL SECTIONS
- C4-C5 PLAN & PROFILE SHEET
- C6 DRIVEWAY DETAILS
- C7 CROSS SECTIONS
- C8-C9 PROJECT LAYOUT
- C10 EROSION CONTROL
- C11 DITCH PLAN VIEW
- C12 DITCH PROFILE VIEW
- C13 DITCH X-SECTION



PROJECT LOCATION

BEGIN PROJECT  
LARCH ROAD  
STA. 10+34.77  
N= 133494.5579  
E= 1213387.9926

END PROJECT  
LARCH ROAD  
STA. 11+15.18  
N= 133574.9076  
E= 1213391.4809

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

2023-2025  
BOND PROGRAM



SURVEYOR:



ENGINEER OF RECORD:



2020 WEST 3RD STREET, SUITE 504  
LITTLE ROCK, AR 72205  
PHONE: 501-215-5807 FAX: 501-227-8302  
WWW.ICONICCG.COM



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CITY OF LITTLE ROCK, ARKANSAS  
#5405 LARCH ROAD DRAINAGE  
COVER SHEET

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



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BCJ  
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11/14/2024  
SCALE  
N/A  
PROJECT NO.  
02-22-DR-05  
SHEET NO.  
C1




**CLR PROJECT 02-22-DR-05**

ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
2.01	SITE PREPARATION	LS	1
3.01	UNCLASSIFIED EXCAVATION	CY	7
3.01A	UNCLASSIFIED EXCAVATION (CONCRETE LINED DITCH)	CY	20
4.01	AGGREGATE BASE COURSE (CLASS 7)	TON	20
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	SF	858
8.03	CONCRETE CURB & GUTTER (CLASS 3)	LF	41
10.01	JUNCTION BOX (4')	EA	1
10.04	CURB INLET-4' BOX	EA	1
10.05	CURB INLET-5' BOX	EA	1
10.07	WING 3' EXTENSION	EA	4
13.18S	STORM DRAIN PIPE, 18" (SIDE)	LF	25
13.24C	STORM DRAIN PIPE, 24" (CROSS)	LF	35
13.24S	STORM DRAIN PIPE, 24" (SIDE)	LF	34
13.30S	STORM DRAIN PIPE, 30" (SIDE)	LF	114
14.01	SOLID SODDING (BERMUDA) (INCLUDES 4" TOPSOIL)	SY	90
16.01	MAINTENANCE OF TRAFFIC	LS	1
17.01	PAVEMENT REPAIRS	SY	13
18.45	RIPRAP	CY	7
19.01	FINAL CLEAN-UP	LS	1
24.02	CHECK DAM (CD)	CY	3
24.09	SEDIMENT BARRIER, BLOCK (SD4)	EA	2
24.11	SILT FENCE - TYPE A (SFA)	LF	324
25.04	FENCE CHAIN LINK (4')	LF	110
26.01	TRENCH & EXCAVATION SAFETY	LS	1
605.00	CONCRETE DITCH PAVING (3' x4")	SY	30
605.A	CONCRETE HEADWALL (CONCRETE DITCH)	EA	1
606.18	FLARED END SECTION, 18" SIDE DRAIN	EA	1
606.24	FLARED END SECTION, 24" SIDE DRAIN	EA	1
606.30	FLARED END SECTION, 30" SIDE DRAIN	EA	1
SP	AS BUILT SURVEY	LS	1

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	PROPOSED ASPHALT
LIGHT POLE	1-1/2" ASPHALT MILL AND OVERLAY
POST OR POLE (TYPE AS NOTED)	CONSTRUCTION - ENTRANCE/EXIT
MAILBOX	CHECK DAM
DECIDUOUS TREE	DIVERSION BERM
EVERGREEN/CONIFEROUS TREE	DOWNDRAIN STRUCTURE - TEMPORARY
BUSH	ROCK DAM
PROPERTY LINE	SEDIMENT BARRIER - SILT FENCE
SETBACK LINE	SEDIMENT BARRIER - GRAVEL RING
EASEMENT LINE	SEDIMENT BARRIER - BLOCK & GRAVEL
CURB	SEDIMENT BARRIER - BLOCK
FENCE	TEMPORARY SEDIMENT BASIN
OVERHEAD ELECTRIC	SILT FENCE - TYPE A
OVERHEAD TELEPHONE	SILT FENCE - TYPE B
OVERHEAD CABLE	SILT FENCE - TYPE C
UNDERGROUND TELEPHONE	STORM DRAIN OUTLET PROTECTION
UNDERGROUND ELECTRIC	SURFACE ROUGHENING
UNDERGROUND CABLE	DISTURBED AREA STABILIZATION -TEMPORARY STABILIZATION
FIBER OPTIC	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

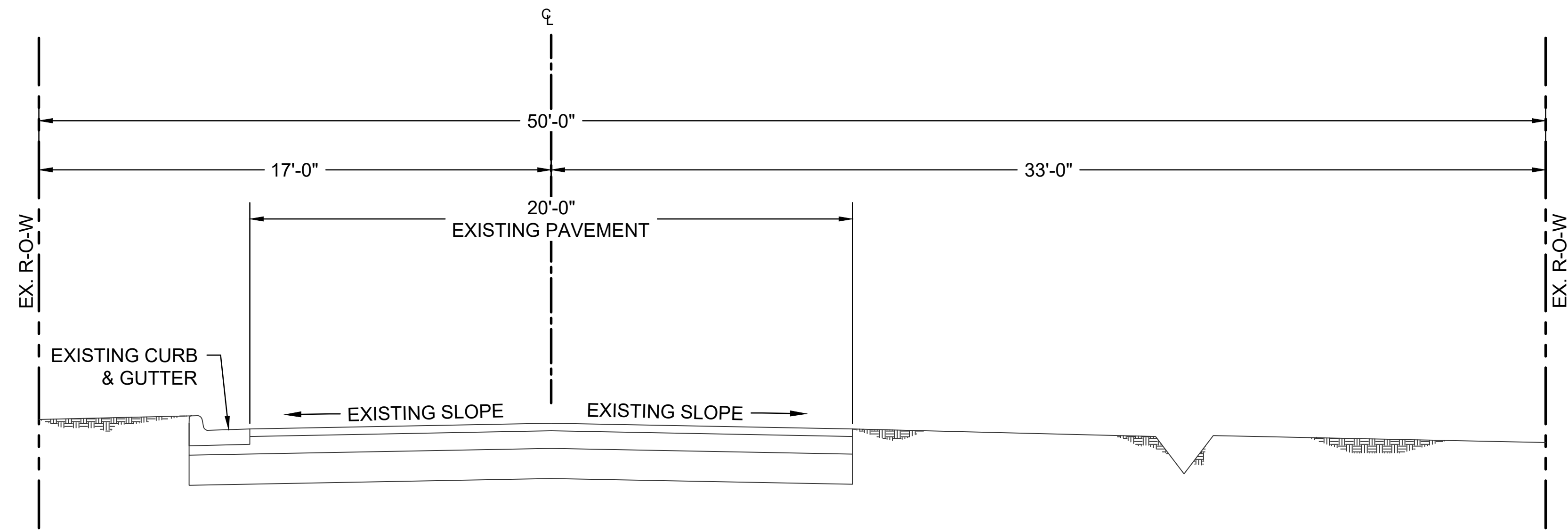
**CITY OF LITTLE ROCK, ARKANSAS**  
**#5405 LARCH ROAD DRAINAGE**  
**GENERAL NOTES, LEGEND AND QUANTITIES**

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

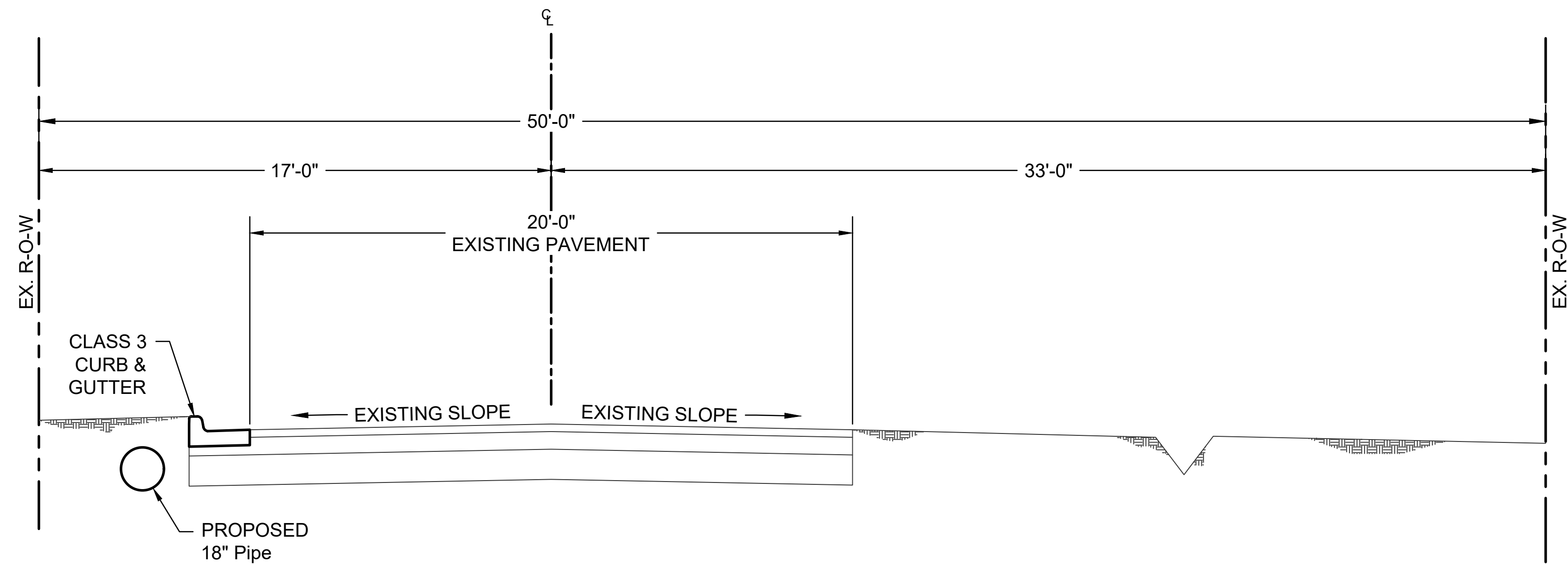
  
**STATE OF ARKANSAS**  
**LICENSED PROFESSIONAL ENGINEER**  
**No. 21648**  
**11/14/2024**

<b>DRAWN BY</b>	BCJ
<b>DESIGNED</b>	BCJ
<b>CHECKED</b>	CV
<b>DATE</b>	11/14/2024
<b>SCALE</b>	N.T.S
<b>PROJECT NO.</b>	02-22-DR-05
<b>SHEET NO.</b>	C2

REVISIONS	DATE



**EXISTING TYPICAL SECTION**



**PROPOSED TYPICAL SECTION**

CITY OF LITTLE ROCK, ARKANSAS  
 #5405 LARCH ROAD DRAINAGE  
 TYPICAL SECTIONS

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

STATE OF ARKANSAS  
 LICENSED PROFESSIONAL ENGINEER  
 No. 21648  
 11/14/2024

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 DATE  
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 SCALE  
 N.T.S  
 PROJECT NO.  
 02-22-DR-05  
 SHEET NO.  
 C3

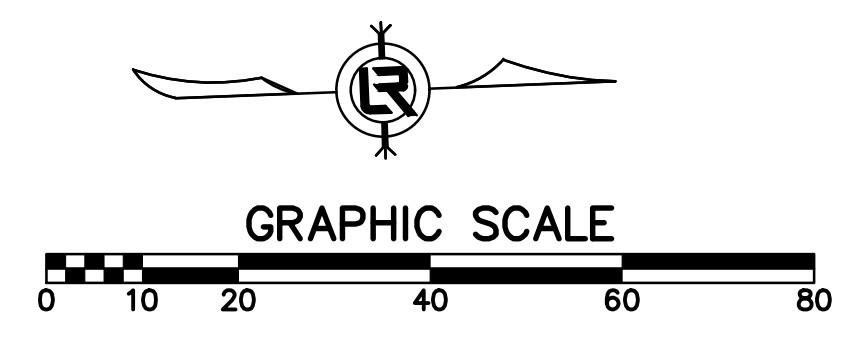
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
#5405 LARCH ROAD DRAINAGE  
PLAN & PROFILE

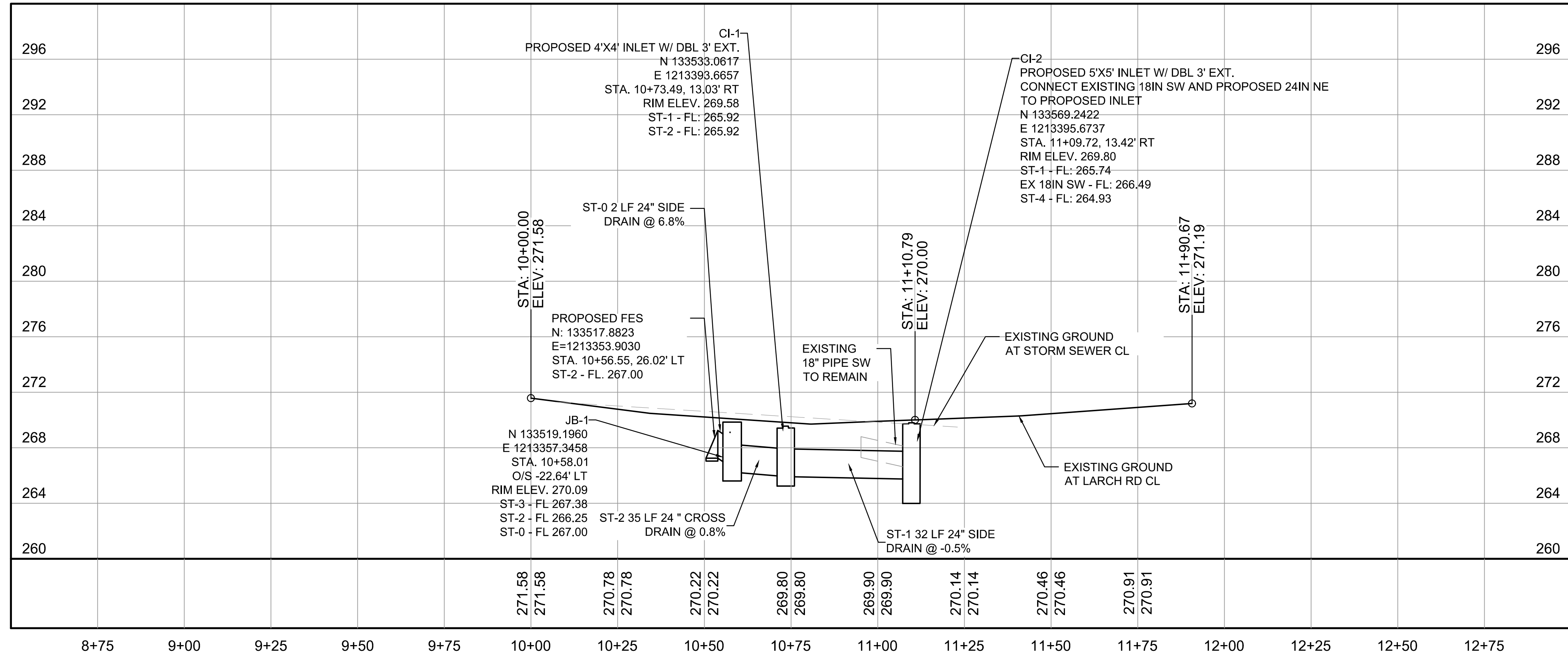
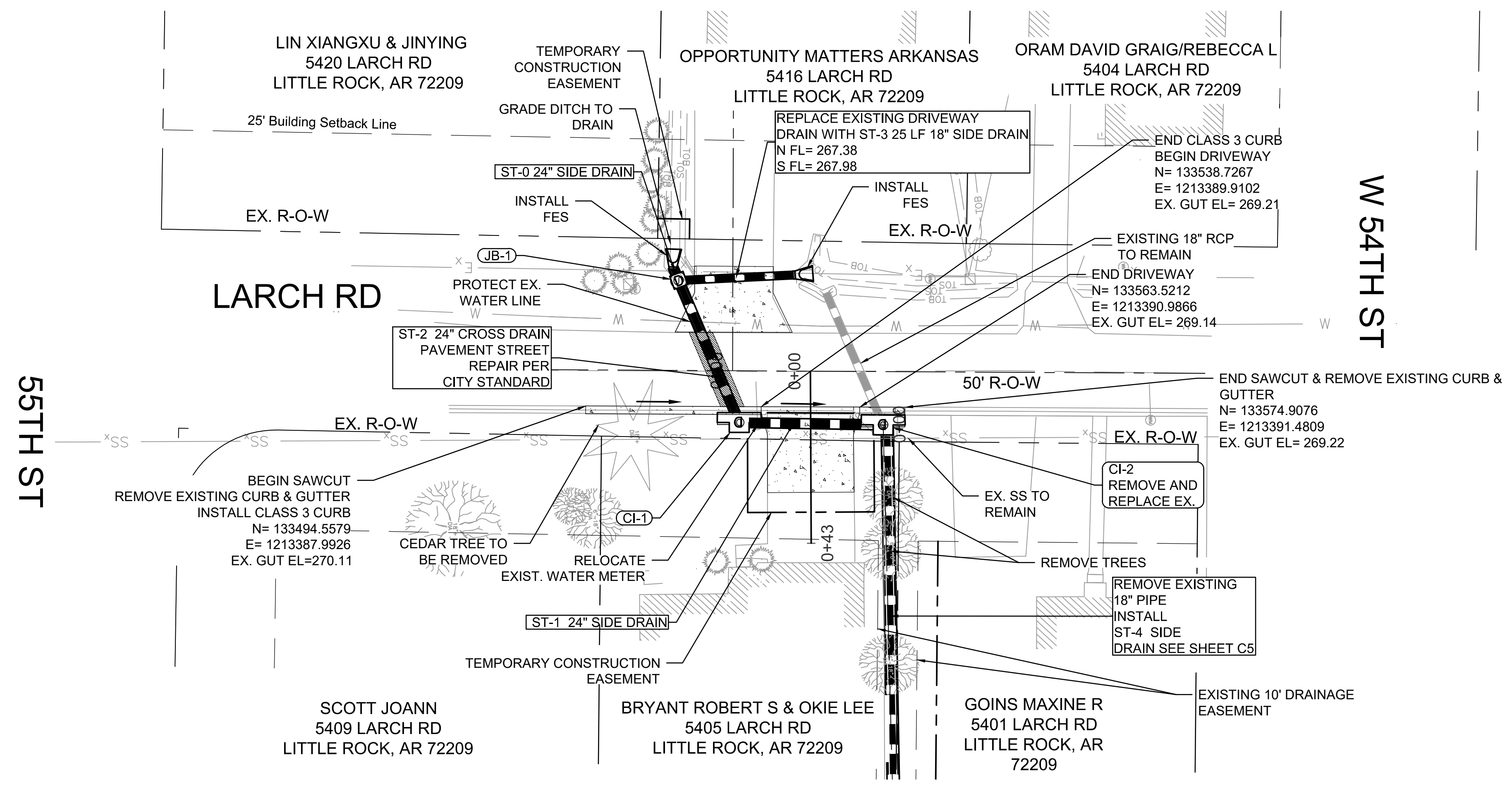
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CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



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CV  
DATE  
11/15/2024  
SCALE  
H: 1" = 20' V: 1" = 5'  
PROJECT NO.  
02-22-DR-05  
SHEET NO.  
**C4**



- NOTES:
1. REMOVAL OF EXISTING PIPE UNDER DRIVEWAY, AND TREE REMOVAL IS SUBSIDIARY TO SITE PREPARATION. REFER TO EXISTING CONDITIONS SHEET FOR ITEMS TO BE REMOVED OR RELOCATED.
  2. REFER TO CITY OF LITTLE ROCK STANDARD DETAILS FOR DRAINAGE DETAILS.
  3. FOR CURB AND GUTTER DETAILS REFER TO CITY OF LITTLE ROCK STANDARD DETAIL PW-29 CURB & GUTTER SECTIONS RESIDENTIAL & COLLECTOR STREETS.





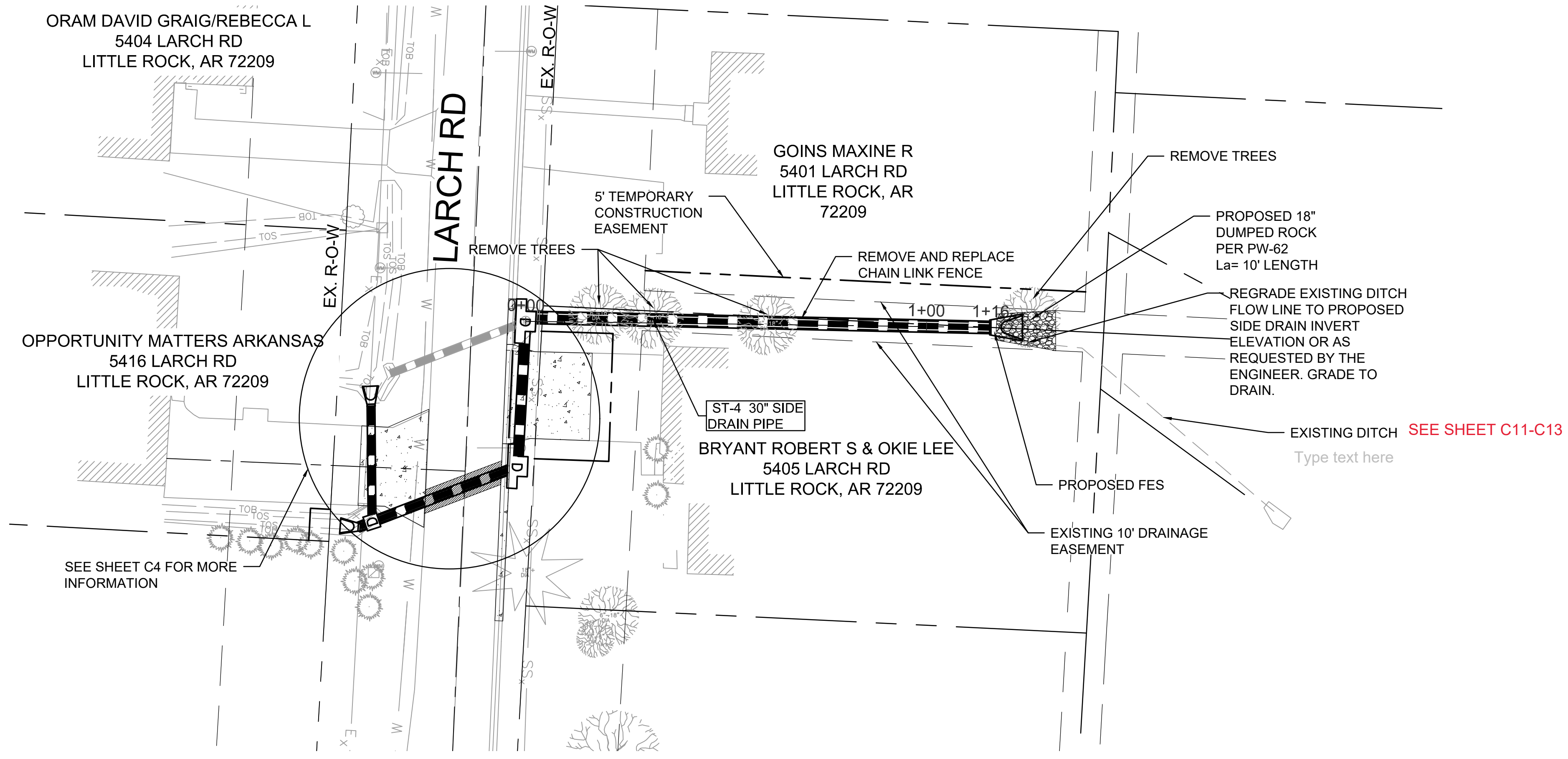
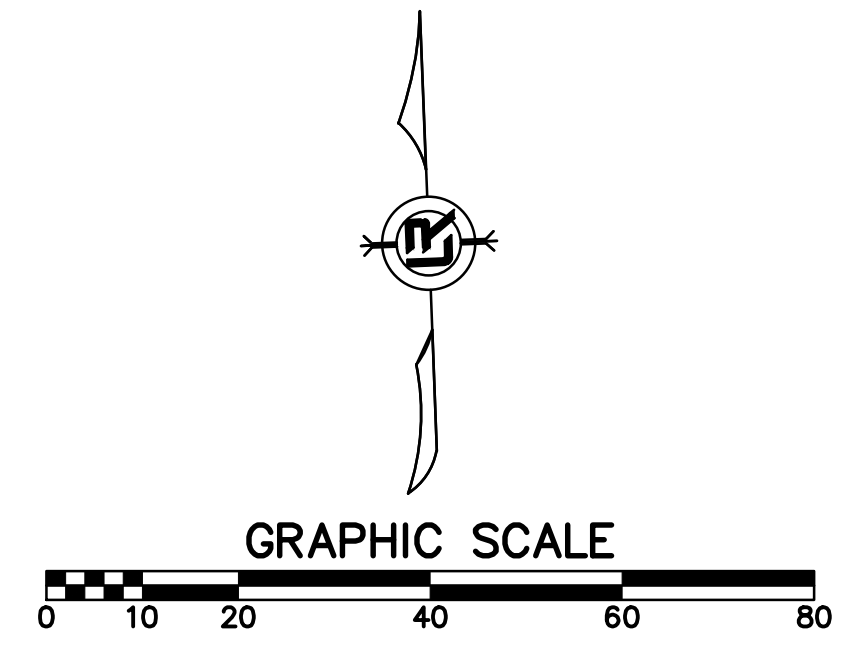
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
#5405 LARCH ROAD DRAINAGE  
PLAN & PROFILE

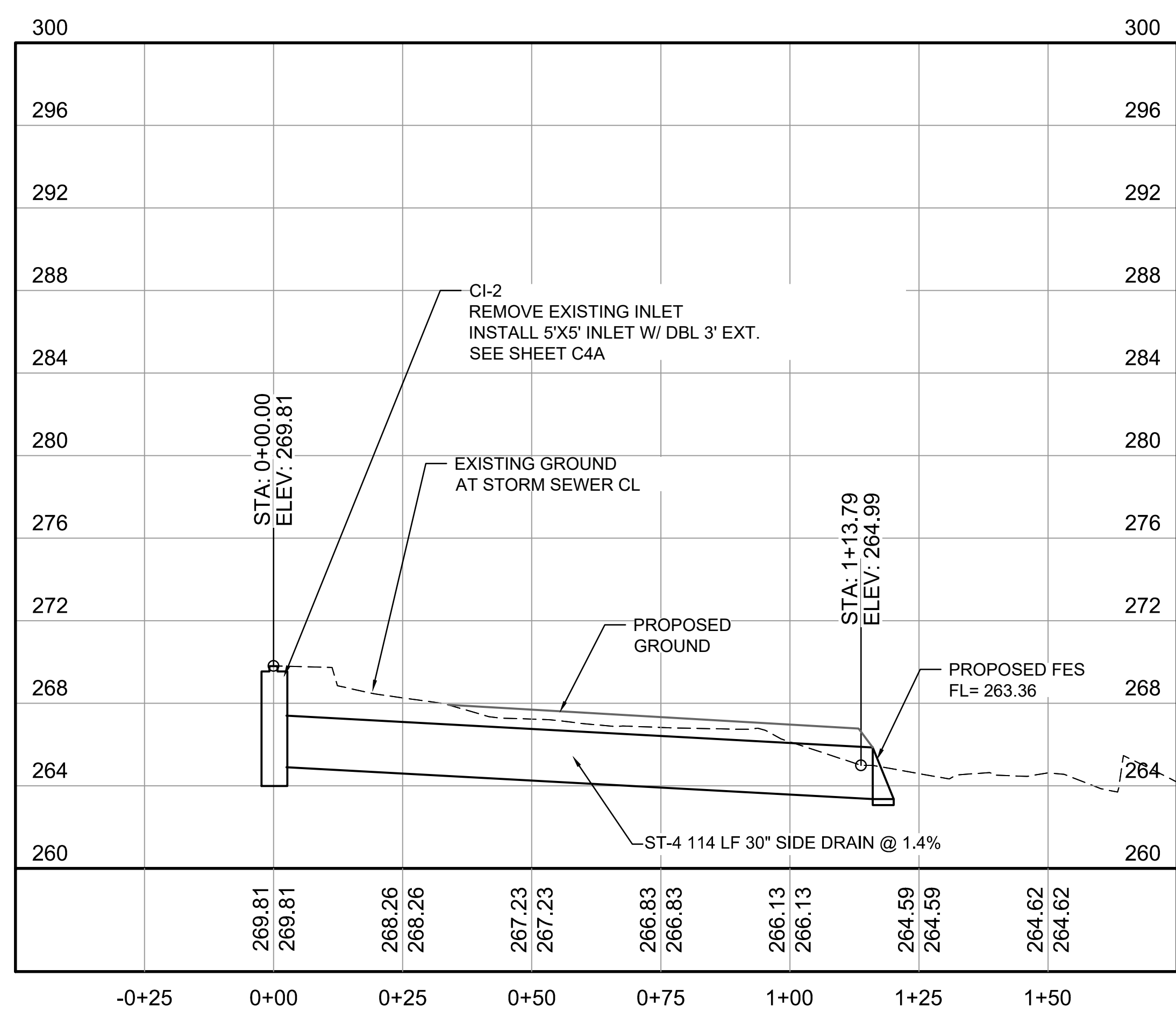
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CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201

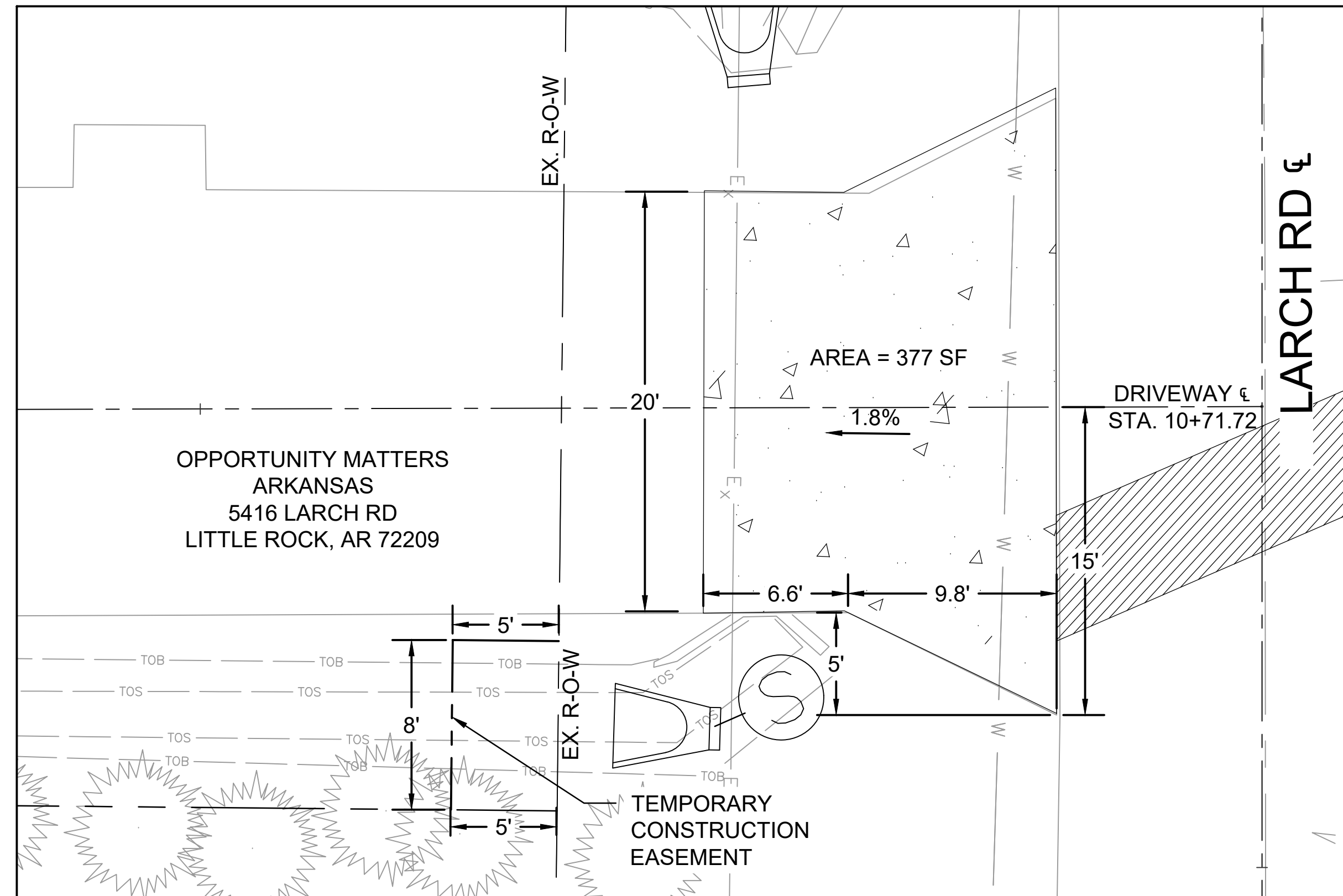


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**DESIGNED**  
BCJ  
**CHECKED**  
CV  
**DATE**  
11/14/2024  
**SCALE**  
H: 1" = 20' V: 1" = 5'  
**PROJECT NO.**  
02-22-DR-05  
**SHEET NO.**  
C5

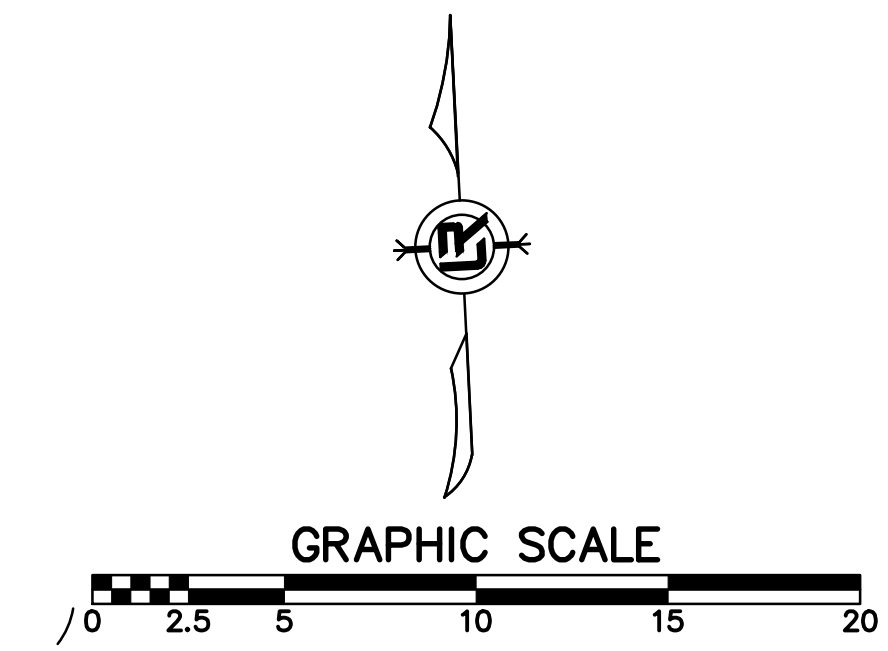


- NOTES:
1. REMOVAL OF EXISTING PIPE UNDER DRIVEWAY, AND TREE REMOVAL IS SUBSIDIARY TO SITE PREPARATION. REFER TO EXISTING CONDITIONS SHEET FOR ITEMS TO BE REMOVED OR RELOCATED.
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  3. FOR CURB AND GUTTER DETAILS REFER TO CITY OF LITTLE ROCK STANDARD DETAIL PW-29 CURB & GUTTER SECTIONS RESIDENTIAL & COLLECTOR STREETS.
  4. REFER TO CITY OF LITTLE ROCK STANDARD DETAIL PW-62 FOR RIP RAP DETAILS.



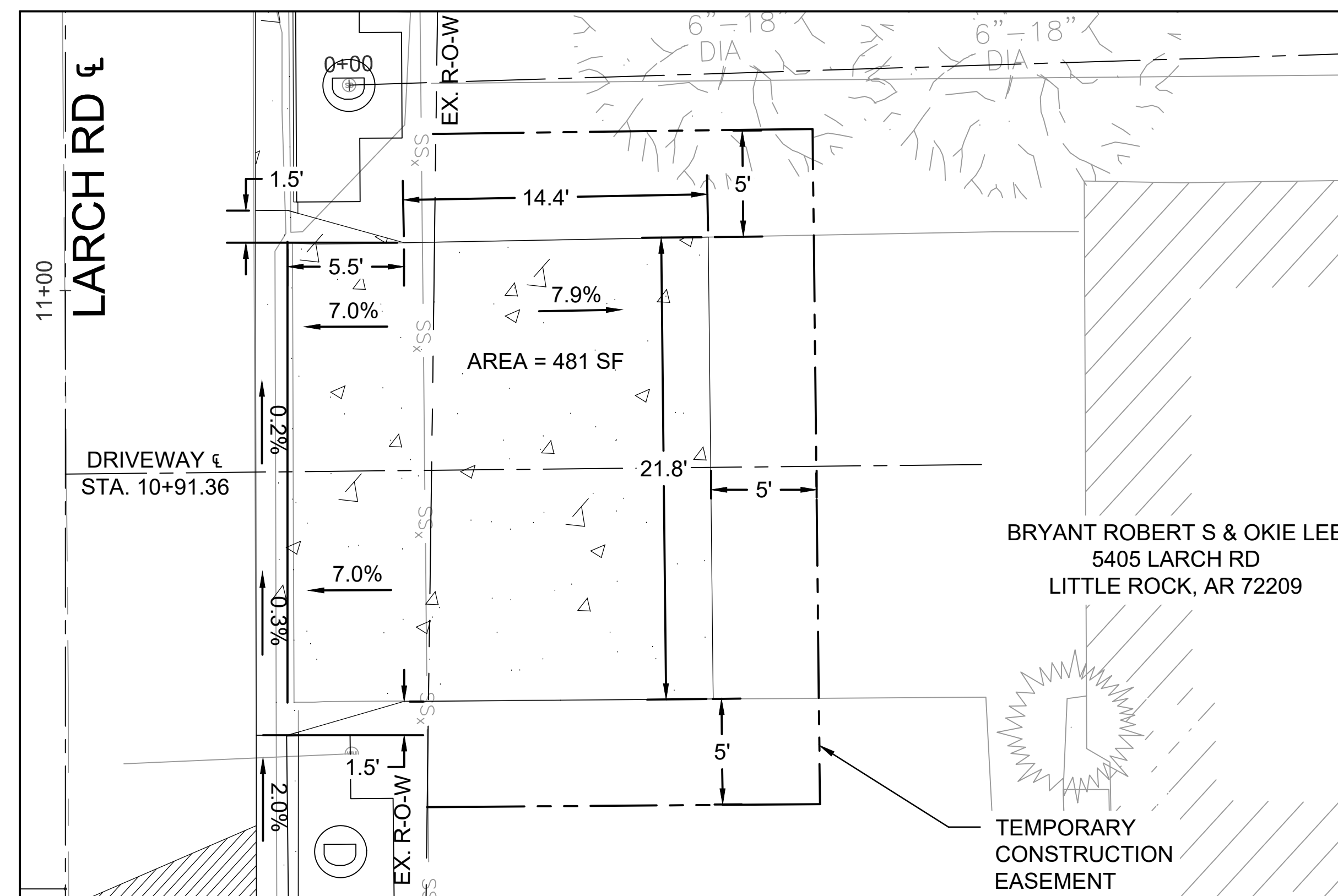


5416 LARCH RD.  
STA. 10+71.72



NOTES:

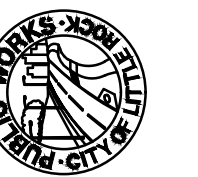
1. ALL DIMENSIONS ARE IN FEET. UNLESS OTHERWISE NOTED.



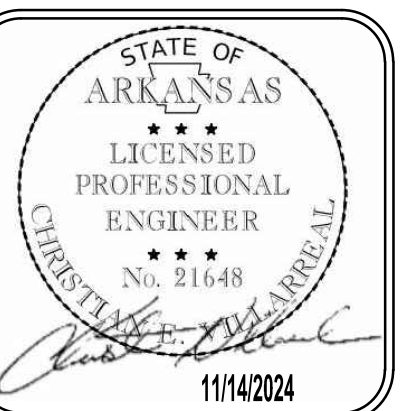
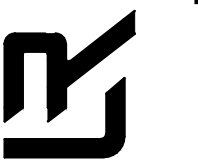
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STA. 10+91.36

REVISIONS	DATE

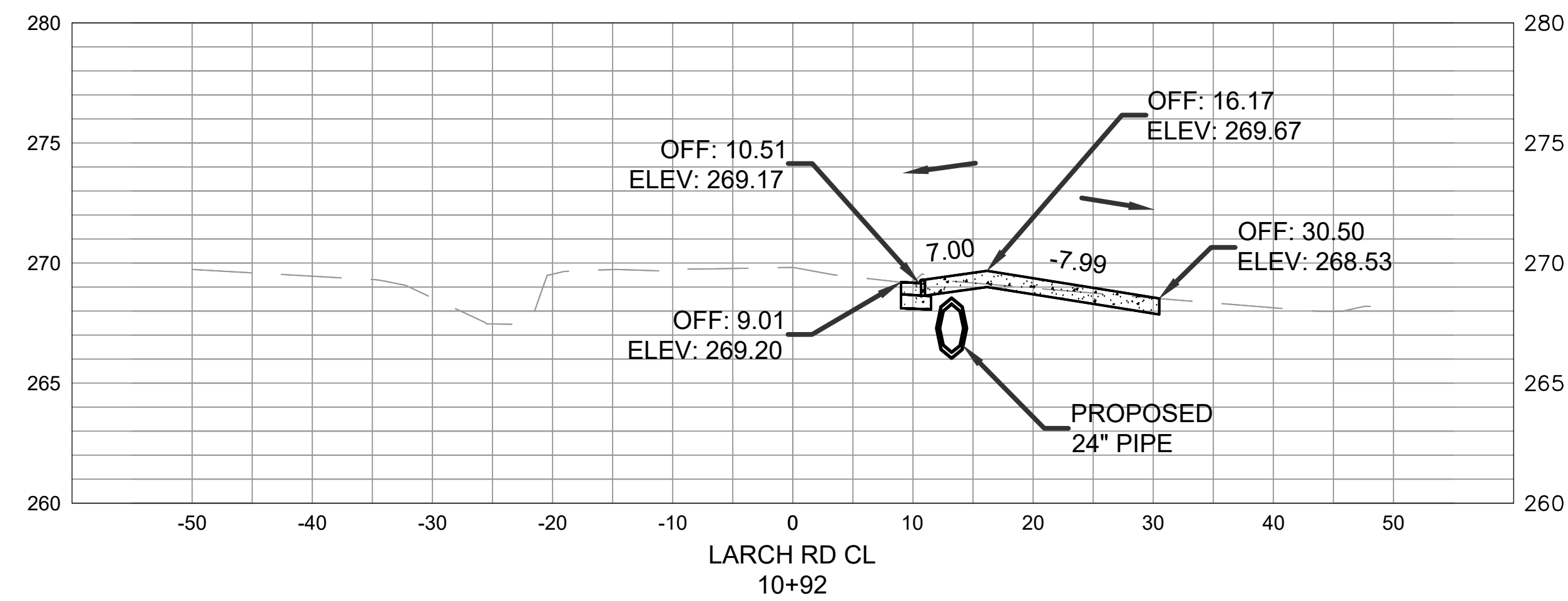
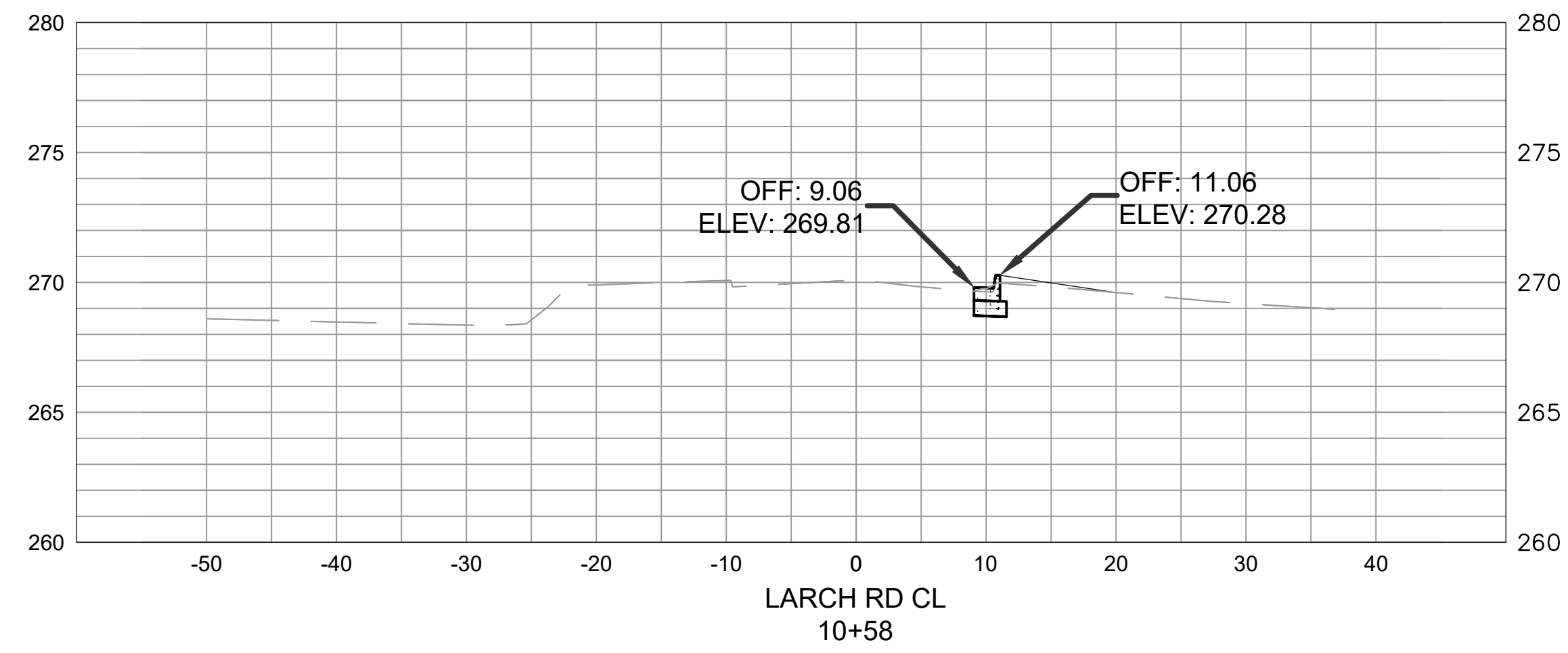
CITY OF LITTLE ROCK, ARKANSAS  
#5405 LARCH ROAD DRAINAGE  
DRIVEWAY DETAILS



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CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



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SCALE 1" = 5'
PROJECT NO. 02-22-DR-05
SHEET NO. C6



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
#5405 LARCH ROAD DRAINAGE  
CROSS SECTIONS

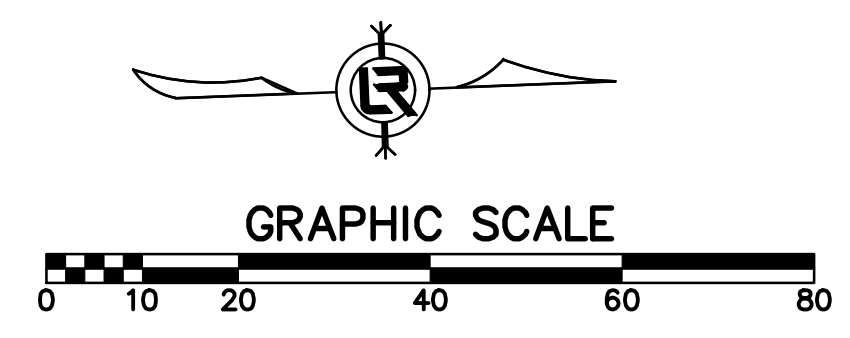
DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS  
LICENSED PROFESSIONAL ENGINEER  
No. 21648  
CHRISTOPHER A. DURRELL  
11/14/2024

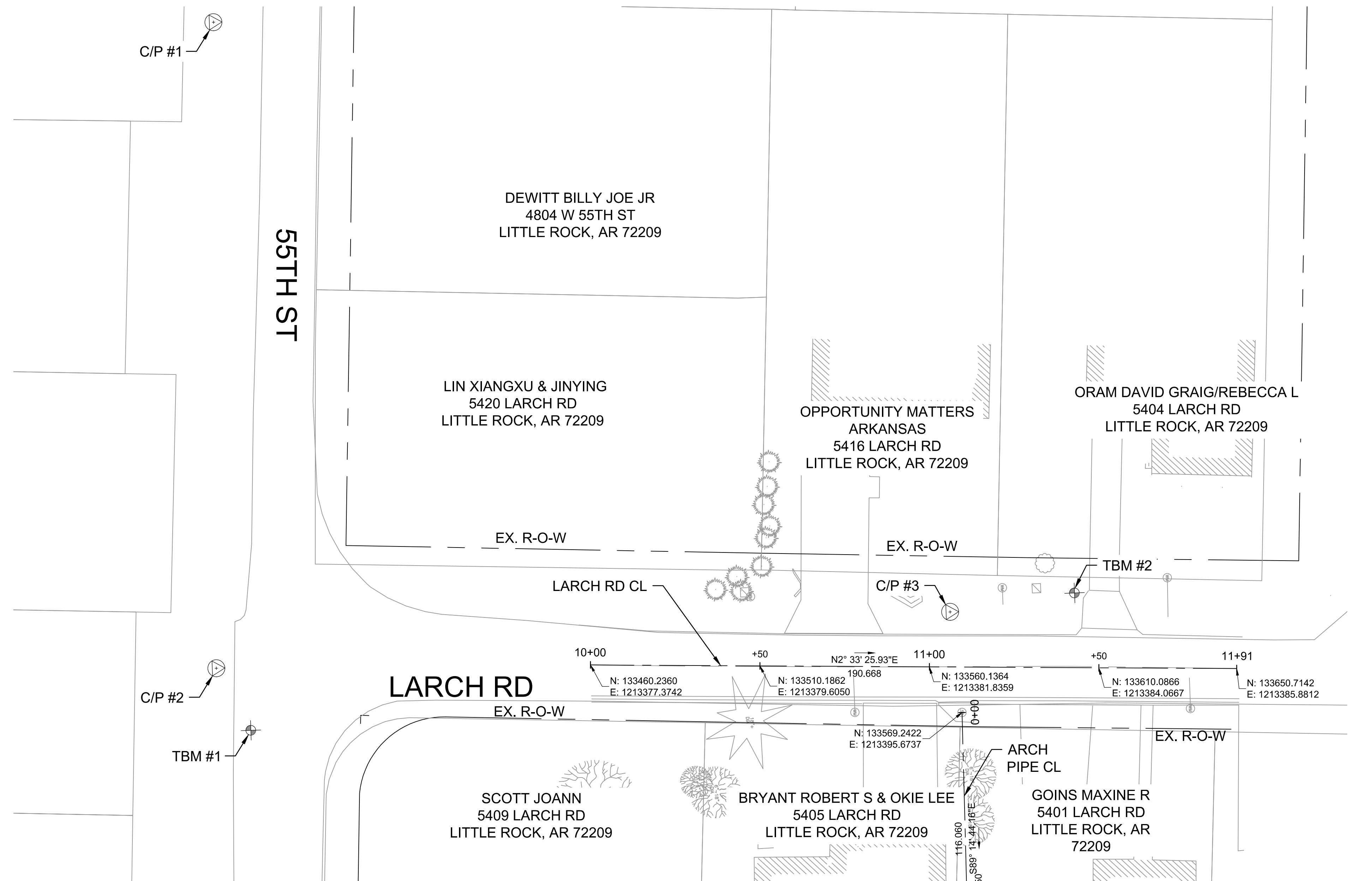
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<b>DESIGNED</b>	BCJ
<b>CHECKED</b>	CV
<b>DATE</b>	11/14/2024
<b>SCALE</b>	1"=10' H 1"=5' V
<b>PROJECT NO.</b>	02-22-DR-05
<b>SHEET NO.</b>	C7

REVISIONS	DATE

SURVEY CONTROL POINTS LARCH ROAD							
POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION	BASELINE REFERENCE	BASELINE STATION	BASELINE OFFSET
C/P #1	5/8" REBAR 14.5' SOUTH OF THE SOUTH EDGE OF W. 55TH ST.	133356.4971	1213183.6580	282.62	LARCH RD	N/A	188.89 LT
C/P #2	5/8" REBAR 5.3' SOUTH OF THE BACK OF SOUTH CURB OF W. 55TH ST.	133349.9211	1213374.0402	275.88	LARCH RD	N/A	1.59 RT
C/P #3	60D NAIL ON THE WESTSIDE OF LARCH RD.	133566.8902	1213365.8978	269.61	LARCH RD	11+06.04	16.22 LT
TBM #1	CHISELED X ON EASTSIDE OF SSMH RIM 5.04' NORTH OF SOUTH CURB OF W. 55TH ST.	133359.3704	1213392.7411	274.62	LARCH RD	N/A	19.85 RT
TBM #2	CHISELED SQUARE ON THE SOUTH END OF 12" RCP ON WESTSIDE OF LARCH RD.	133603.7702	1213361.7363	270.72	LARCH RD	11+42.69	22.03 LT



CITY OF LITTLE ROCK, ARKANSAS  
#5405 LARCH ROAD DRAINAGE  
PROJECT LAYOUT  
SHEET 1 OF 2



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LITTLE ROCK, ARKANSAS 72201

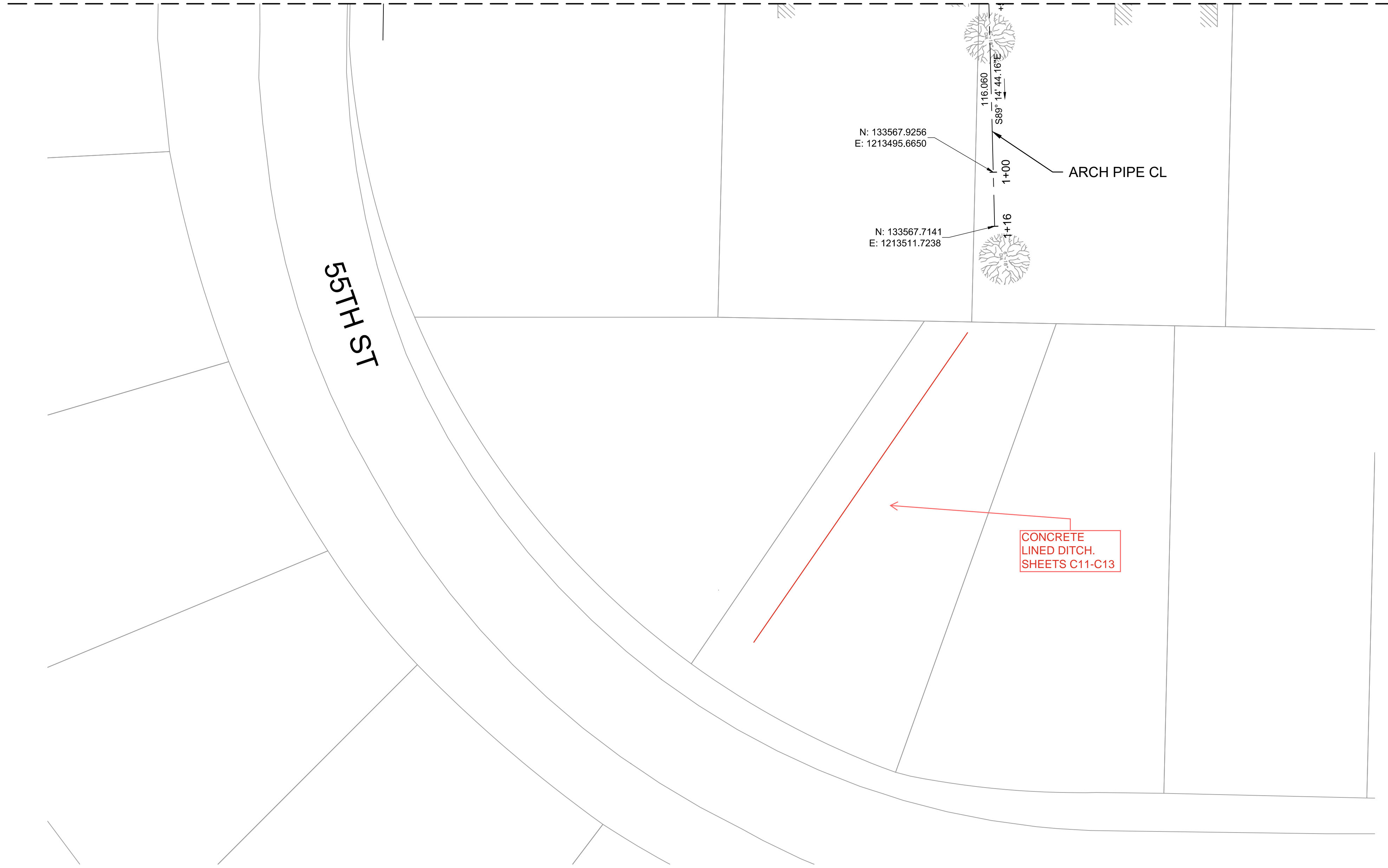


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DESIGNED  
BCJ  
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CV  
DATE  
11/14/2024  
SCALE  
H: 1" = 20' V: 1" = 5'  
PROJECT NO.  
02-22-DR-05  
SHEET NO.  
C8

MATCHLINE A-A

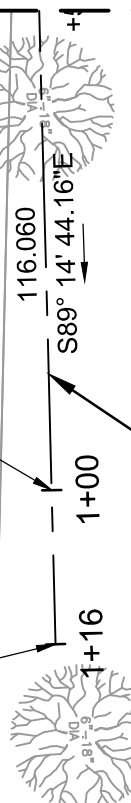


MATCHLINE A-A



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E: 1213495.6650

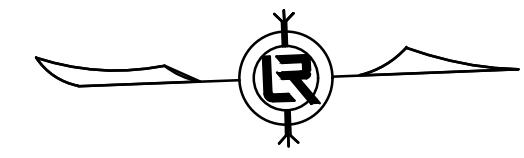
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E: 1213511.7238



ARCH PIPE CL

CONCRETE  
LINED DITCH.  
SHEETS C11-C13

55TH ST



GRAPHIC SCALE



REVISIONS DATE

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
#5405 LARCH ROAD DRAINAGE

PROJECT LAYOUT  
SHEET 2 OF 2



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



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CHECKED

CV

DATE

11/14/2024

SCALE

H: 1" = 20' V: 1" = 5'

PROJECT NO.

02-22-DR-05

SHEET NO.

C9

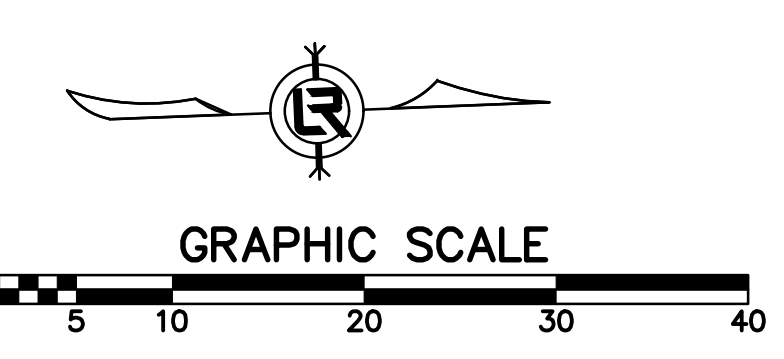
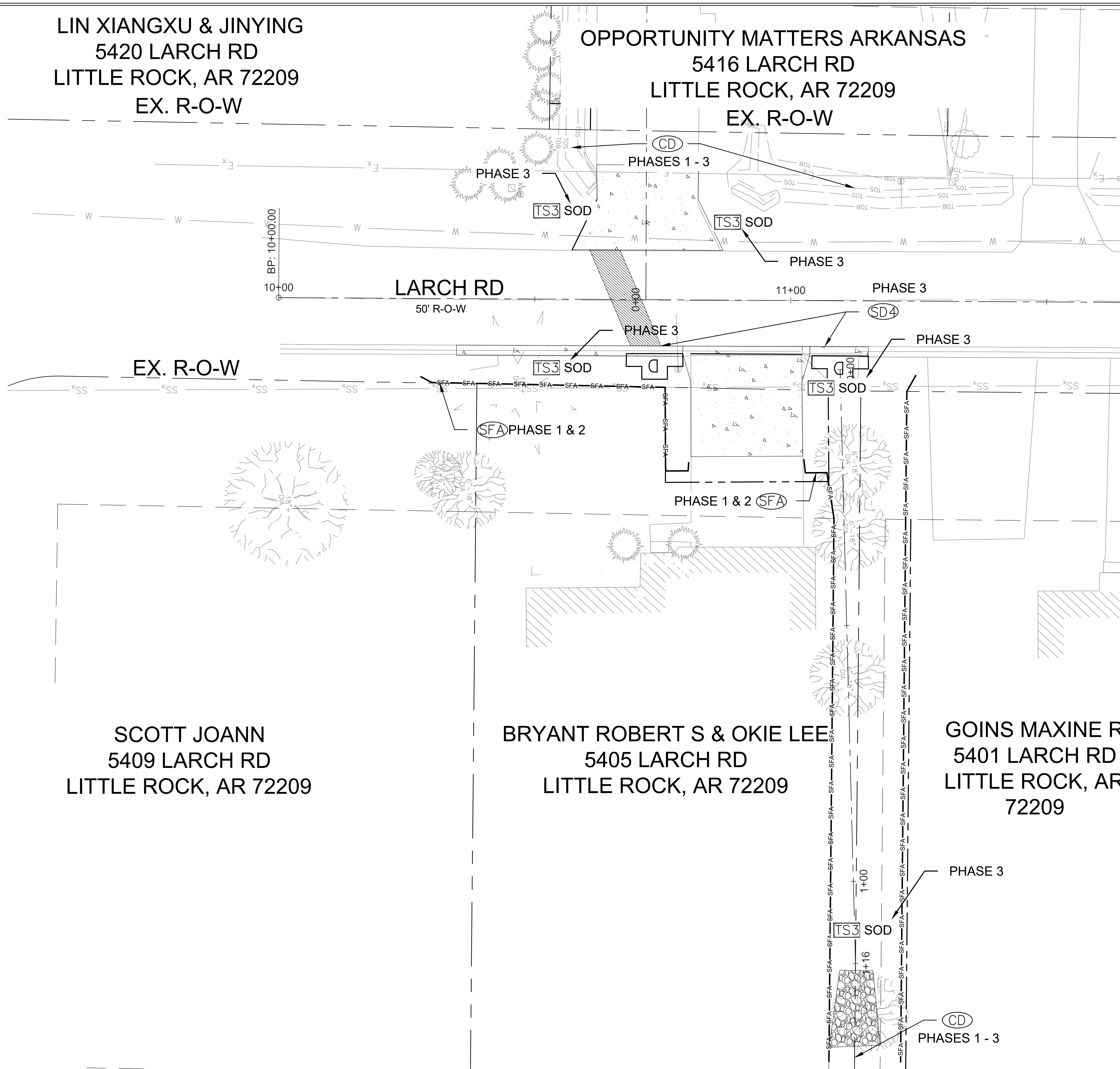
LIN XIANGXU & JINYING  
 5420 LARCH RD  
 LITTLE ROCK, AR 72209  
 EX. R-O-W

OPPORTUNITY MATTERS ARKANSAS  
 5416 LARCH RD  
 LITTLE ROCK, AR 72209  
 EX. R-O-W

SCOTT JOANN  
 5409 LARCH RD  
 LITTLE ROCK, AR 72209

BRYANT ROBERT S & OKIE LEE  
 5405 LARCH RD  
 LITTLE ROCK, AR 72209

GOINS MAXINE R  
 5401 LARCH RD  
 LITTLE ROCK, AR  
 72209



**PHASING LEGEND**  
 PHASE 1 (INITIAL STRIP AND DEMOLITION)  
 PHASE 2 (NEW DRAINAGE, CURB, AND DRIVEWAY APRON CONSTRUCTED)  
 PHASE 3 (RESTORE DISTURBED AREAS WITH SOD)

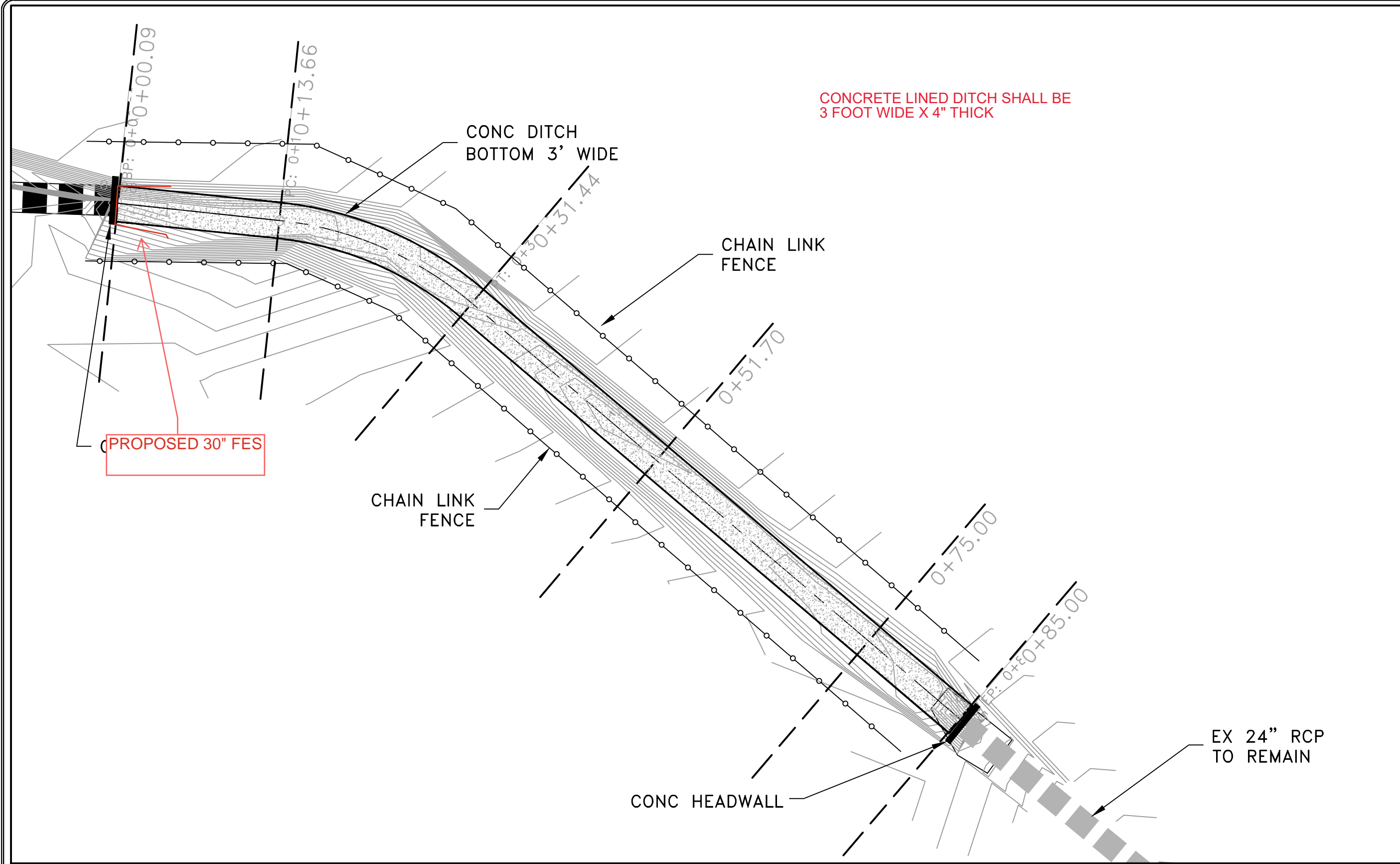
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 #5405 LARCH ROAD DRAINAGE  
 EROSION CONTROL

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





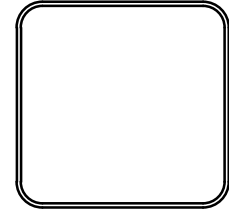
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 DATE  
 11/14/2024  
 SCALE  
 H: 1" = 20' V: 1" = 5'  
 PROJECT NO.  
 02-22-DR-05  
 SHEET NO.  
**C10**



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 #5405 LARCH ROAD DRAINAGE  
 CONCRETE DITCH BOTTOM - PLAN VIEW

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

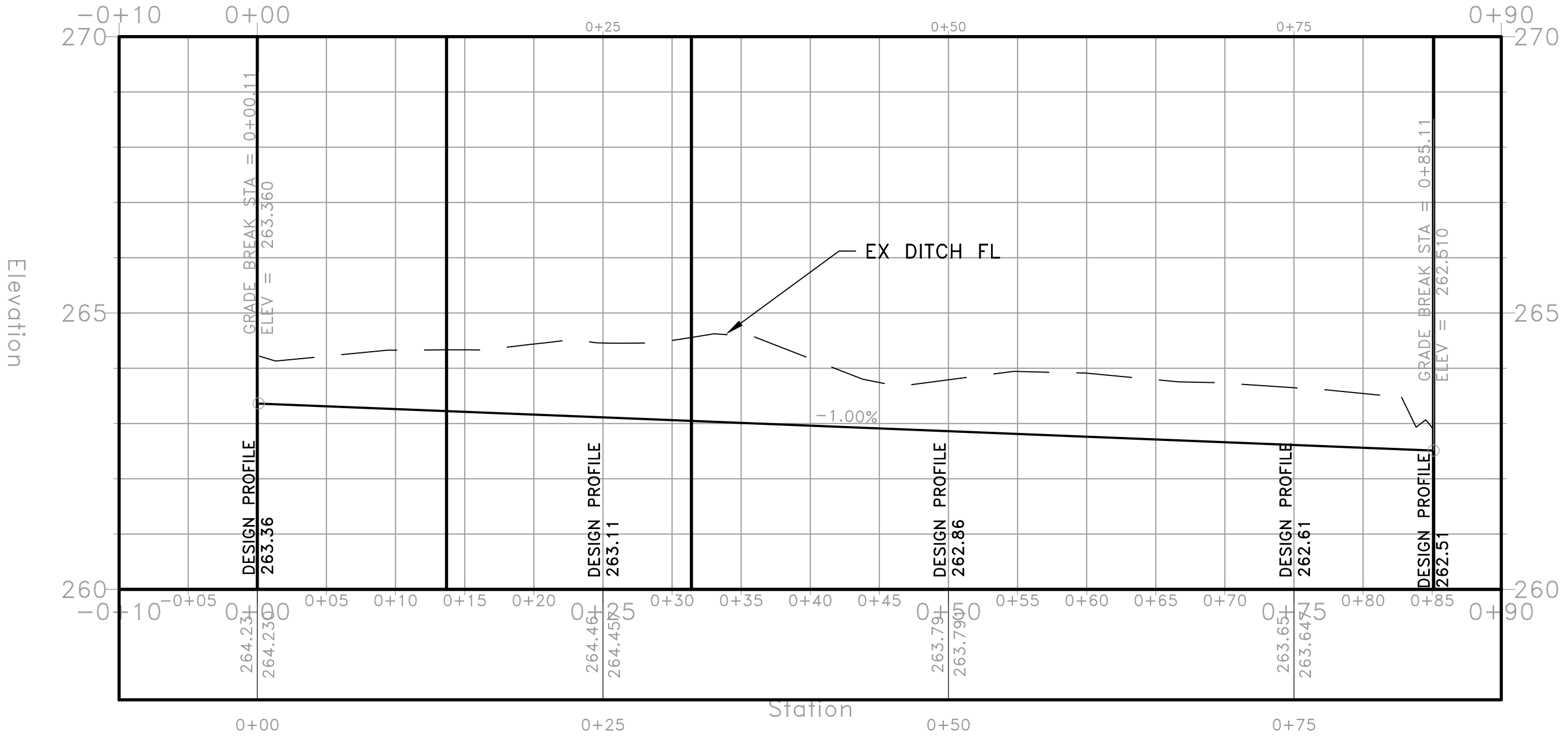




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CHECKED
DATE 10/18/2024
SCALE
PROJECT NO. 02-22-DR-05
SHEET NO. C11



# Alignment - Ditch CL PROFILE

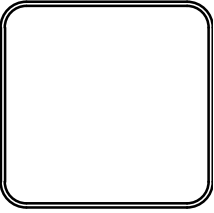
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REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 #5405 LARCH ROAD DRAINAGE  
 CONCRETE DITCH BOTTOM - PROFILE VIEW

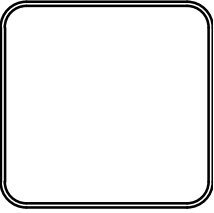
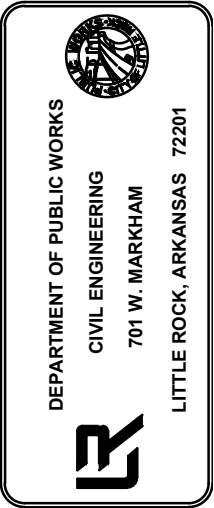
DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72201



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CHECKED
DATE 10/18/2024
SCALE
PROJECT NO. 02-22-DR-05
SHEET NO. C12

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 #5405 LARCH ROAD DRAINAGE  
 CONCRETE DITCH BOTTOM - CROSS SECTIONS



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<b>CHECKED</b>
<b>DATE</b> 11/21/2024
<b>SCALE</b>
<b>PROJECT NO.</b> 02-22-DR-05
<b>SHEET NO.</b> C13

