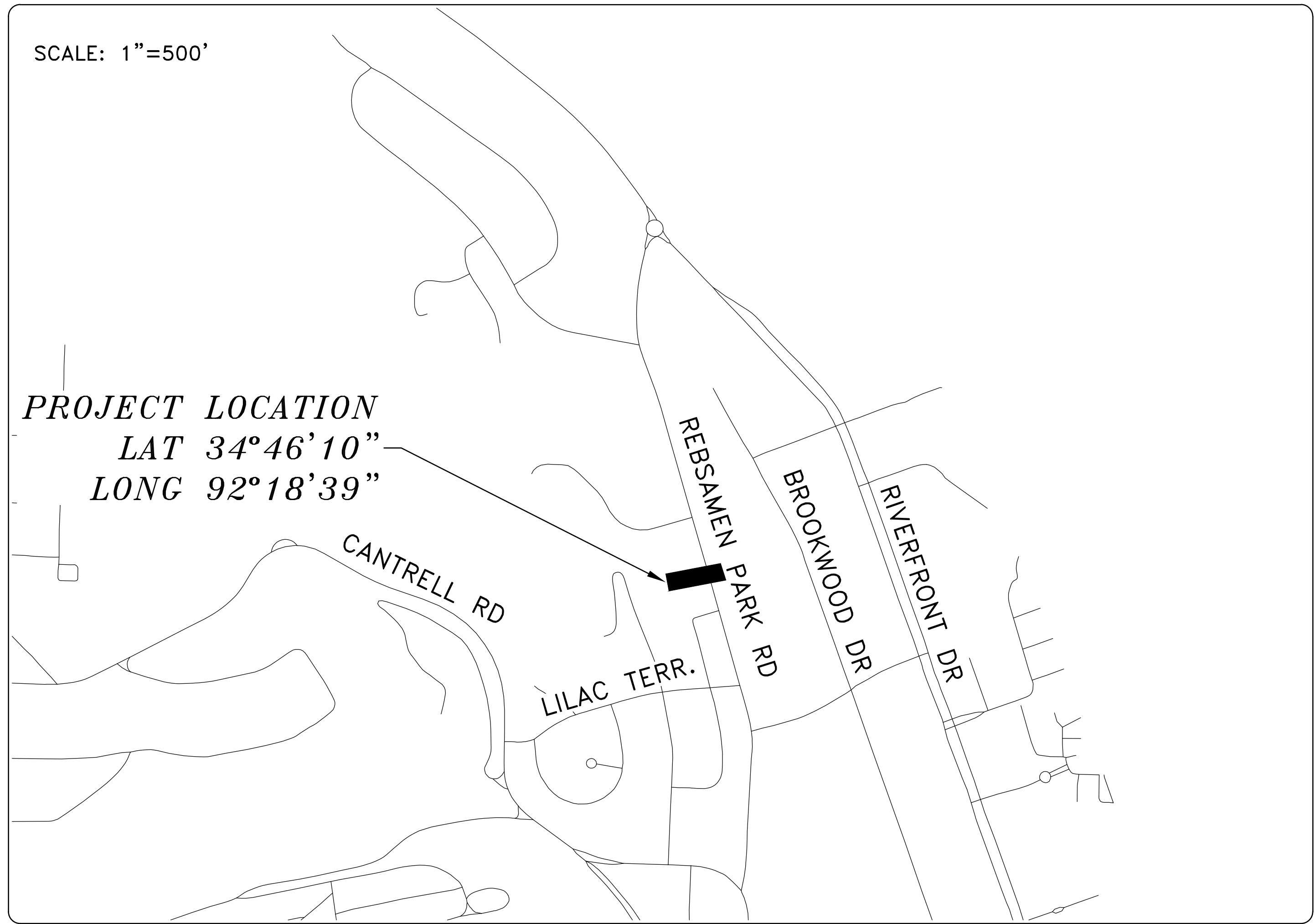
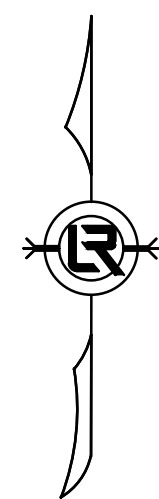
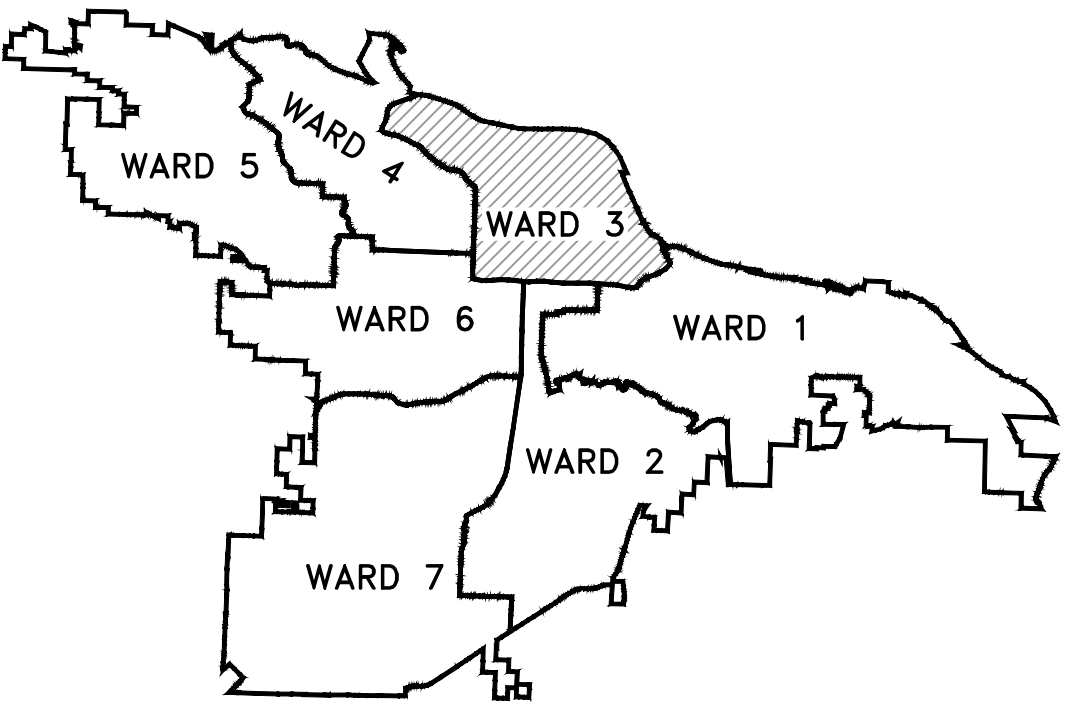


REBSAMEN PARK ROAD DRAINAGE

90% SUBMITTAL

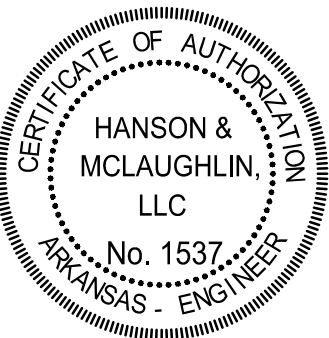


DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 WEST MARKHAM STREET
LITTLE ROCK, ARKANSAS 72201



PROJECT LOCATION – WARD 3

SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND AND QUANTITIES
C3	EXISTING CONDITIONS
C4	PLAN AND PROFILE
C5	BOX CULVERT PLAN
C6	EROSION CONTROL



HANSON & MCLAUGHLIN, LLC
320 EXECUTIVE COURT, SUITE 202
LITTLE ROCK, ARKANSAS 72205
(501) 716-2850

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS REBSAMEN PARK ROAD DRAINAGE	COVER SHEET
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DEPARTMENT OF PUBLIC WORKS CIVIL ENGINEERING 701 W. MARKHAM LITTLE ROCK, ARKANSAS 72201	
--	--

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 9681 M. HANSON	
--	--

DRAWN BY KMH DESIGNED KMH CHECKED FJS DATE 12-12-2022 SCALE N.T.S. PROJECT NO. WARD 3 SHEET NO. C1

REBSAMEN PARK ROAD DRAINAGE
FEBRUARY 1, 2023

ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
2.01	Site Preparation (Incl. Mobilization)	LS	1
3.01	Unclassified Excavation	CY	8
3.06	Class 7 Backfill Material	CY	38
10.04	Curb Inlet - 4' Box	EA	1
10.07	Wing 3' Extension	EA	1
11.01	Reinforced Concrete Precast Box Culvert (6'x3')	LF	81
11.06	Reinforced Concrete Headwall	CY	25
13.18C	Storm Drain Pipes, 18", Side Drain	LF	45
16.01	Maintenance of Traffic	LS	1
17.01	Pavement Repairs	SY	75
18.40	Handrail	LF	27
18.55	Water for Dust Control	GAL	10,000
19.01	Final Clean-Up	LS	1
23.01	B Stone	TON	47
24.02	Check Dam (CD)	CY	20
24.06	Sediment Barrier, Silt Fence (SD1)	EA	4
24.09	Sediment Barrier, Block (SD4)	EA	4
24.11	Silt Fence - Type A (SFA)	LF	170
24.12	Silt Fence - Type B (SFB)	LF	170
24.18	Disturbed Area Stabilization - Permanent Grassing (TS3)	AC	0.10
26.10	Trench & Excavation Safety	LS	1
606.18C	Flared End Section 18" RCP	EA	1
SS1.0	10" D.I. Sanitary Sewer	LF	77
SS2.0	Post Installation CCTV Inspection	LS	1

EXISTING

IRON ROD
PK NAIL
R.R. SPIKE
CONC. MONUMENT
WATER VALVE
WATER METER
FIRE HYDRANT
GAS METER
GAS VALVE
CLEAN-OUT
GUARD POST (BOLLARD)
SIGN POST
BENCHMARK
STORM SEWER MANHOLE
SANITARY SEWER MANHOLE
TELEPHONE MANHOLE
ELECTRIC MANHOLE
TELEPHONE BOX
ELECTRIC BOX
CABLE BOX
UTILITY POLE
GUY WIRE
LIGHT POLE
POST OR POLE (TYPE AS NOTED)
MAILBOX
DECIDUOUS TREE

EVERGREEN/CONIFEROUS TREE

BUSH

- PROPERTY LINE
- SETBACK LINE
- EASEMENT LINE
- CURB
- FENCE
- OVERHEAD UTILITY
- UNDERGROUND TELEPHONE
- UNDERGROUND ELECTRIC
- WATER LINE
- SEWER LINE
- GAS LINE
- STORM SEWER/CULVERT
- CONTOUR LINE

- ☐ IR
- ☐ PK
- ☐ RR(Sp)
- ☐ CM
- ☐ WV
- ☐ WM
- ☐ FH
- ☒ GM
- ☐ GV
- ☐ CO
- ☒ GP

_____ X _____

_____ . _____

_____ . _____

_____ . _____

SAN _____

_____ . _____

CMP/RCP/DIP _____

650 ————

PROPOSED

CONTOUR
SPOT ELEVATION
SPOT CURB ELEVATION
STORM SEWER – PIPE
STORM SEWER – MITERED END SECTION
STORM SEWER – GRATE INLET
STORM SEWER – JUNCTION BOX
STORM SEWER – FLARED END SECTION
STORM SEWER – HEADWALL

STORM SEWER – INLET WITH SINGLE EXTENSION
STORM SEWER – INLET WITH DOUBLE EXTENSION

STORM SEWER – AREA INLET

GRADE BREAK LINE
HIGH POINT
LOW POINT
CUT LINE
FILL LINE
SANITARY SEWER PIPE
SANITARY SEWER MANHOLE
CURB

CONCRETE

CONSTRUCTION - ENTRANCE/EXIT
CHECK DAM
DIVERSION BERM
DOWNDRAIN STRUCTURE - TEMPORARY
ROCK DAM
SEDIMENT BARRIER - SILT FENCE
SEDIMENT BARRIER - GRAVEL RING
SEDIMENT BARRIER - BLOCK & GRAVEL
SEDIMENT BARRIER - BLOCK
TEMPORARY SEDIMENT BASIN
SILT FENCE - TYPE A
SILT FENCE - TYPE B
SILT FENCE - TYPE C
STORM DRAIN OUTLET PROTECTION
SURFACE ROUGHENING
DISTURBED AREA STABILIZATION -TEMP
DISTURBED AREA STABILIZATION -TEMP
DISTURBED AREA STABILIZATION -PERM
MATTING/BLANKETS

DISTURBED AREA STABILIZATION –TEMPORARY STABILIZATION
DISTURBED AREA STABILIZATION –TEMPORARY GRASSING
DISTURBED AREA STABILIZATION –PERMANENT GRASSING
MATTING/BLANKETS

MATTING/BLANKETS

REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS
REBSAMEN PARK ROAD DRAINAGE**

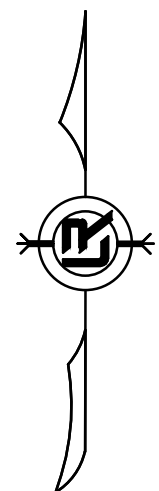
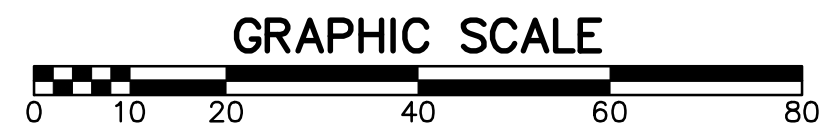
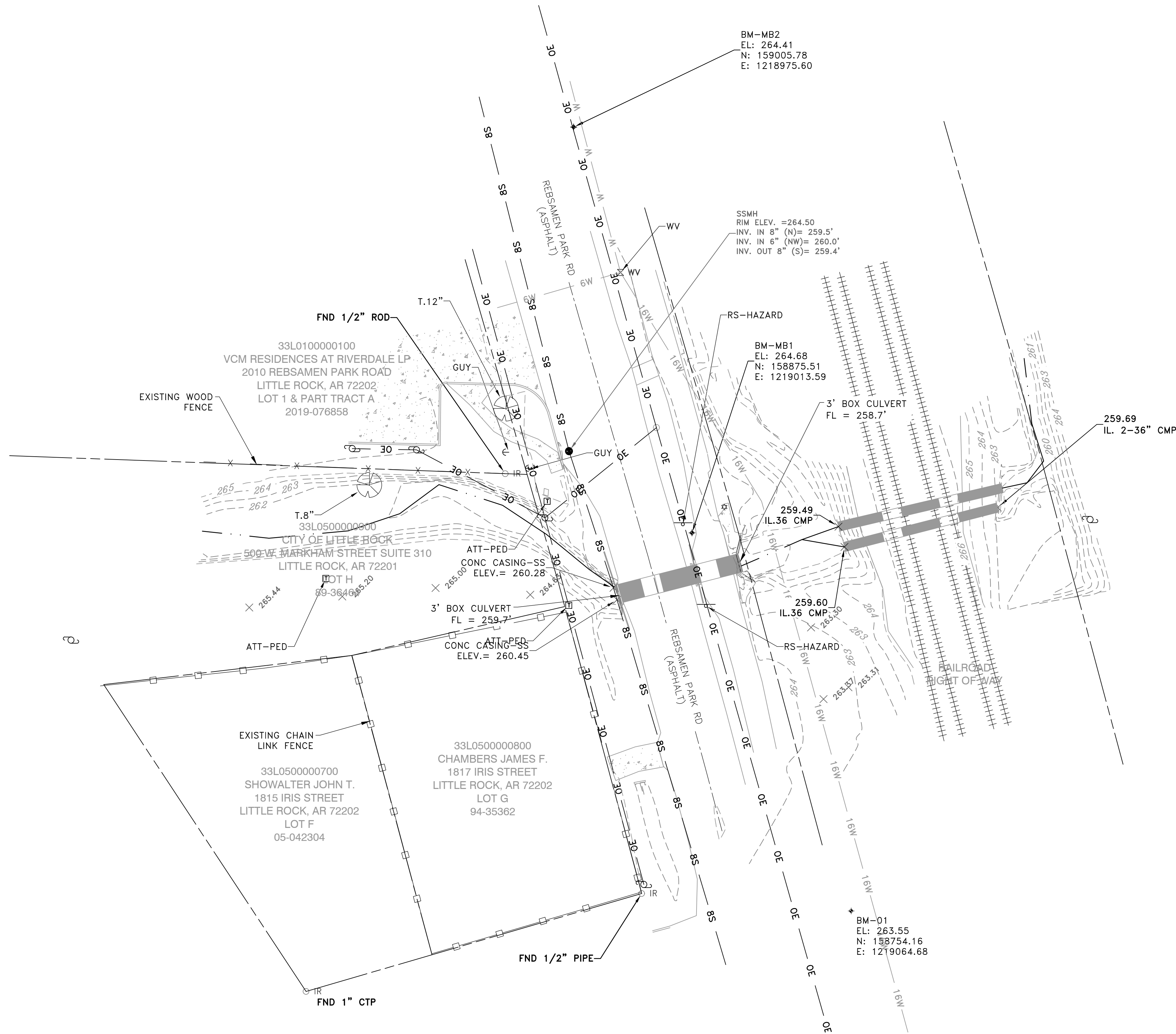
LEGEND AND QUANTITIES

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

LITTLE ROCK, ARKANSAS 72201



DRAWN BY KMH
DESIGNED KMH
CHECKED FJS
DATE 2-1-2023
SCALE N.T.S.
PROJECT NO. WARD 3
SHEET NO. C2



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
REBSAMEN PARK ROAD DRAINAGE
EXISTING CONDITIONS

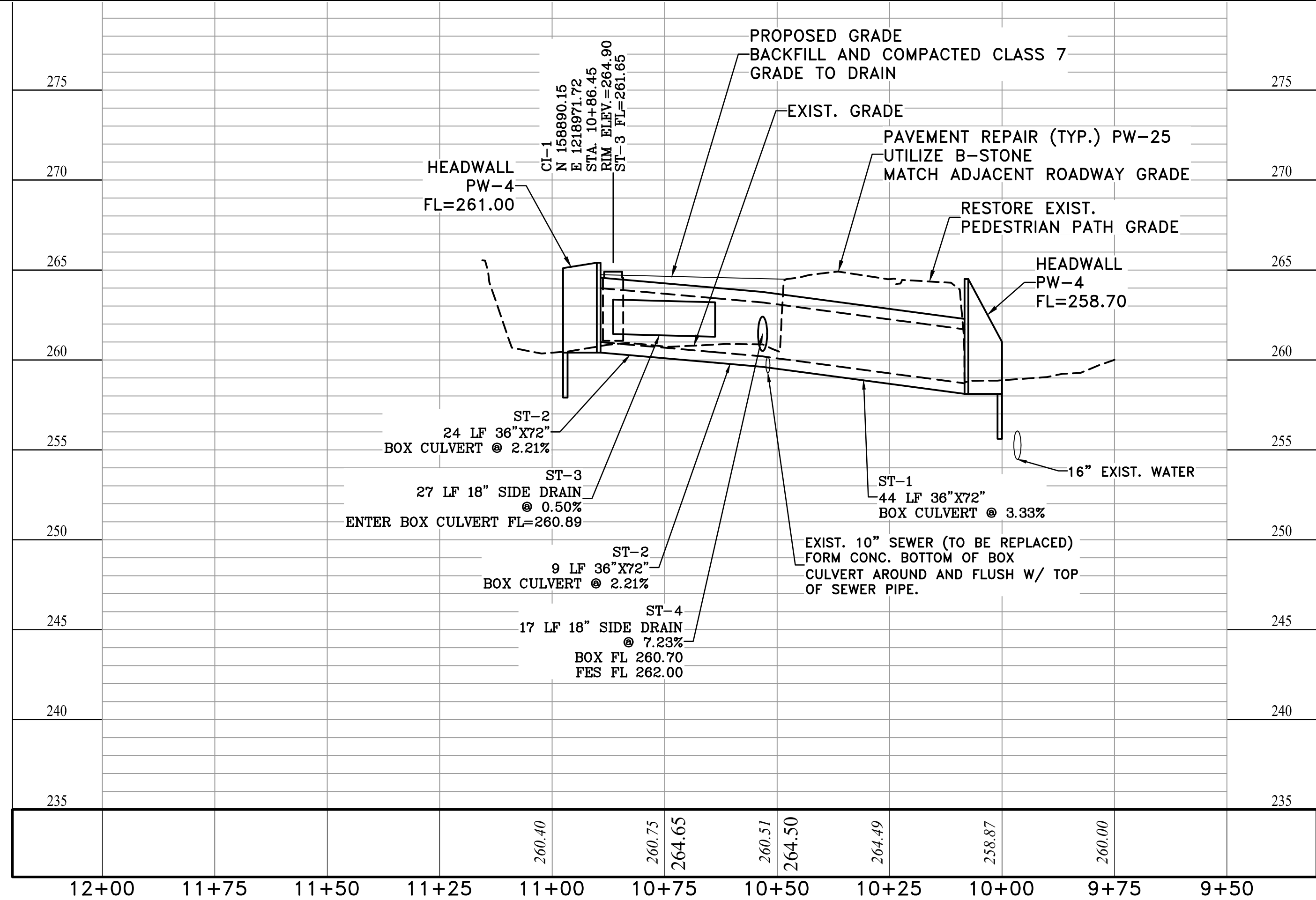
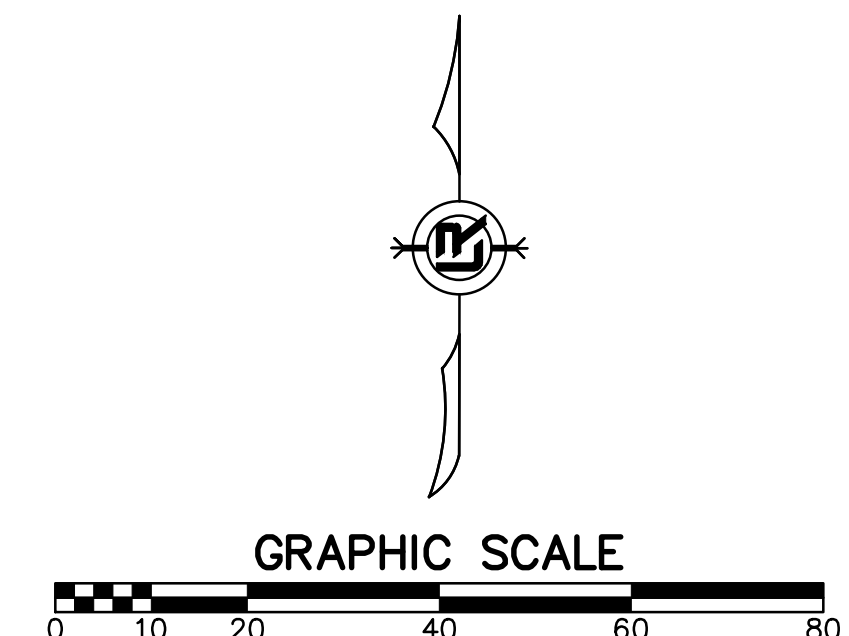
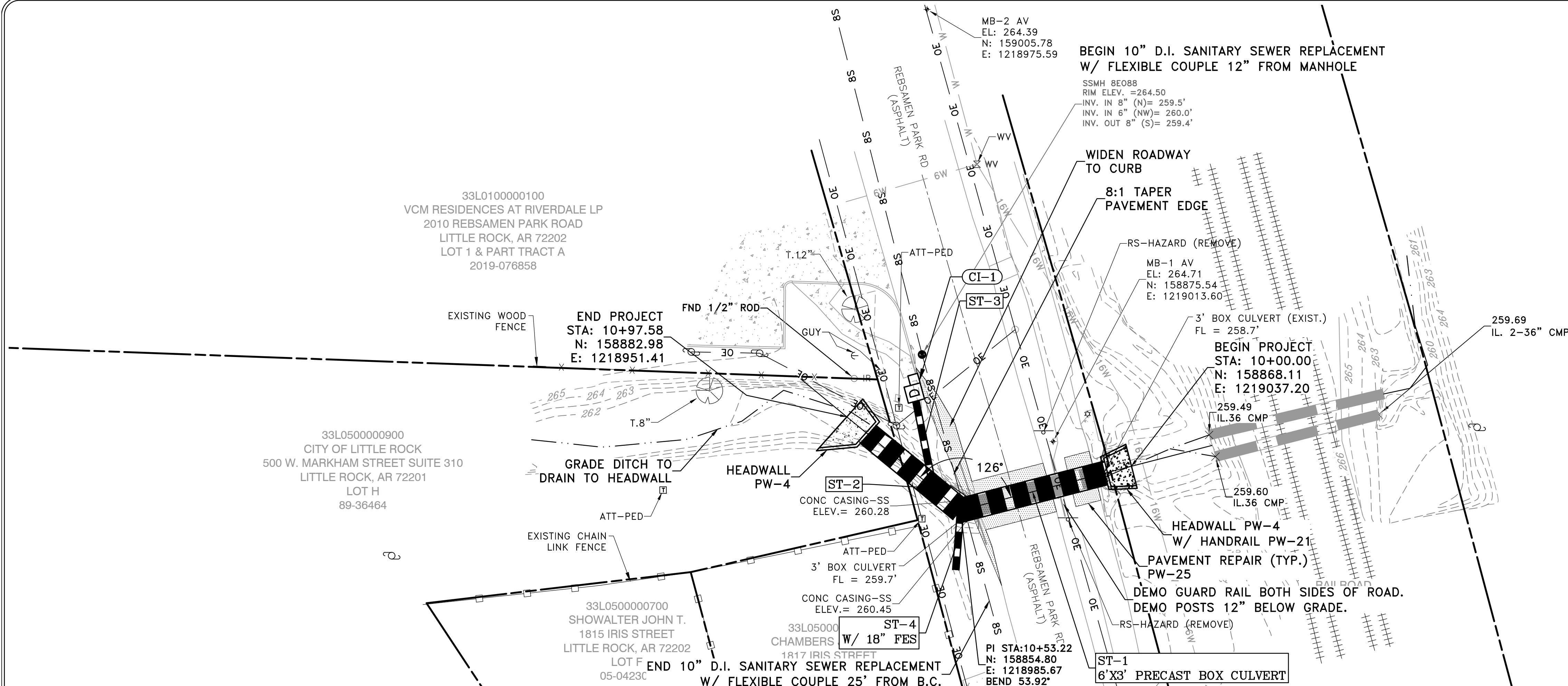


DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201





DRAWN BY KMH
DESIGNED KMH
CHECKED FJS
DATE 12-12-2022
SCALE 1"=20'
PROJECT NO. WARD 3
SHEET NO. C3



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
REBSAMEN PARK ROAD DRAINAGE
PLAN AND PROFILE



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





STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 9681
M. HANSON

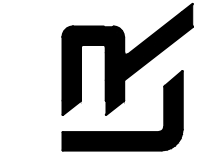
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DESIGNED	KMH
CHECKED	FJS
DATE	2-1-2023
SCALE	1"=20'
PROJECT NO.	WARD 3
SHEET NO.	C4

REVISIONS	DATE

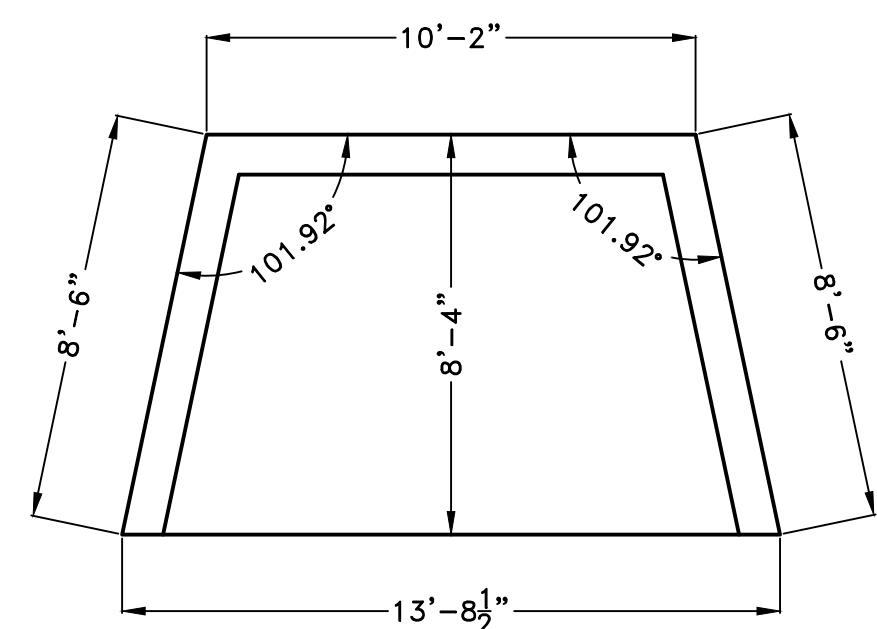
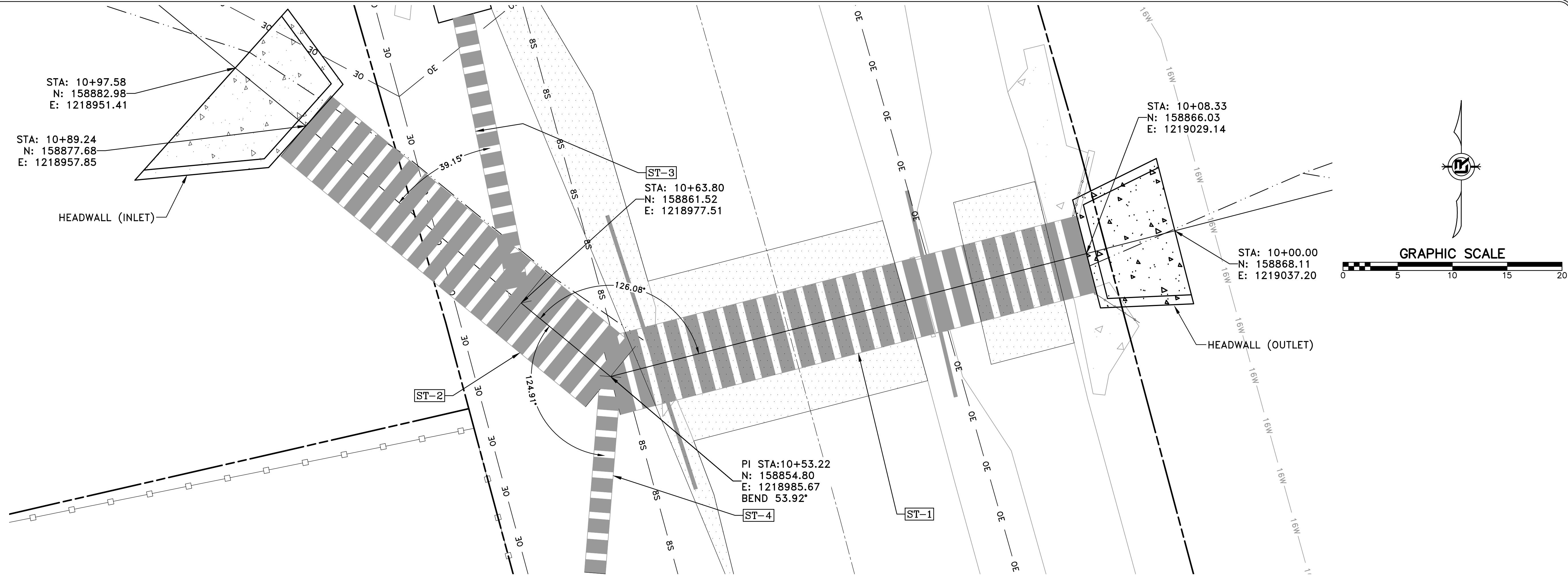
CITY OF LITTLE ROCK, ARKANSAS
REBSAMEN PARK ROAD DRAINAGE
BOX CULVERT PLAN



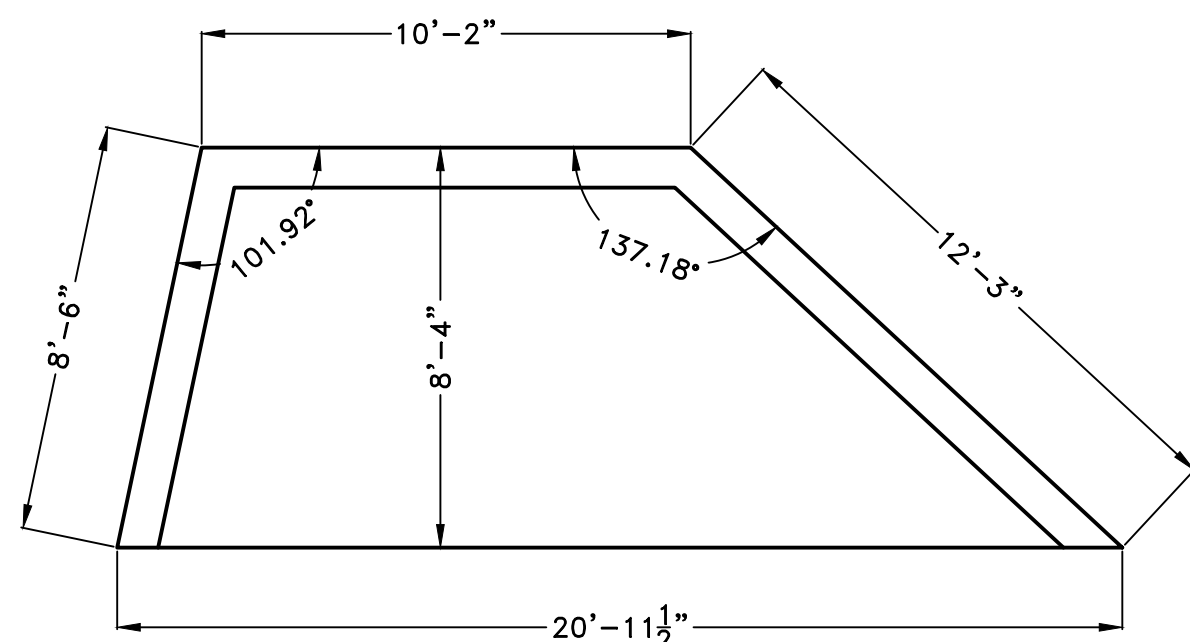
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



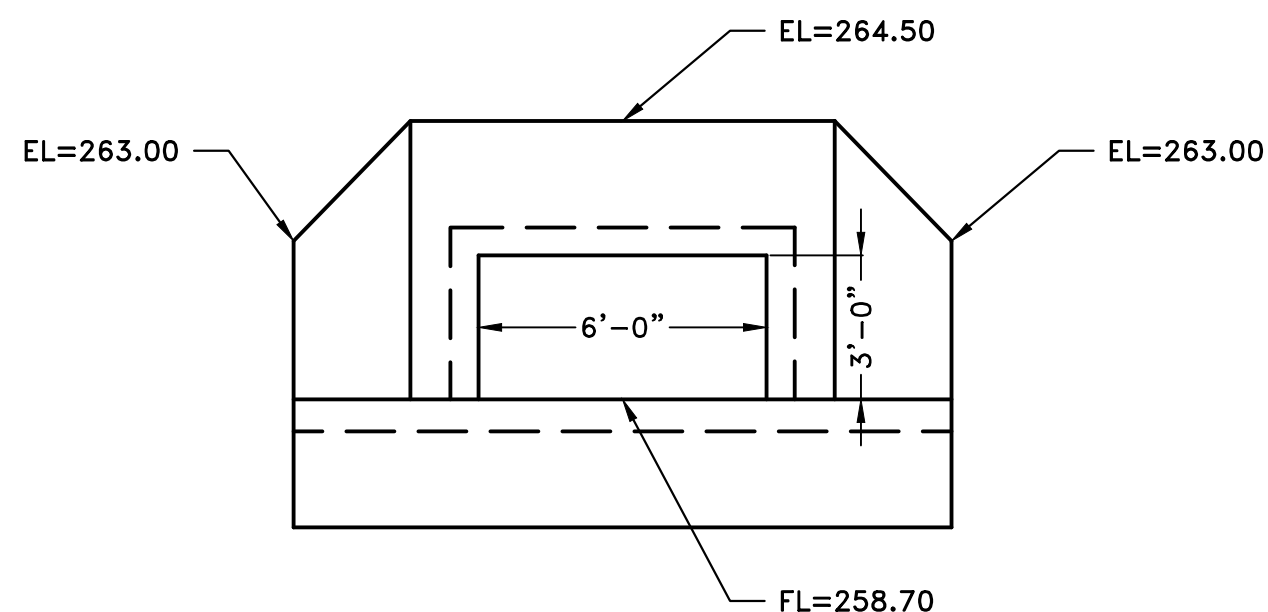
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DESIGNED KMH
CHECKED FJS
DATE 2-1-2023
SCALE 1"=20'
PROJECT NO. WARD 3
SHEET NO. C5



PLAN

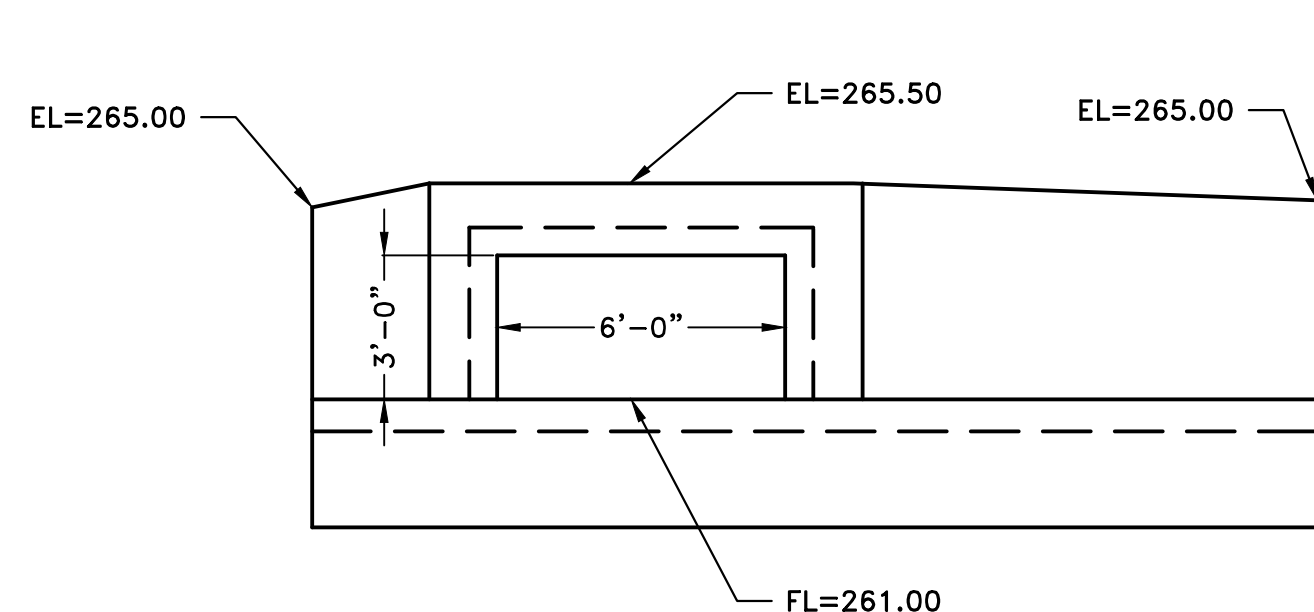


PLAN



ELEVATION

STATION 10+00 HEADWALL (OUTLET)



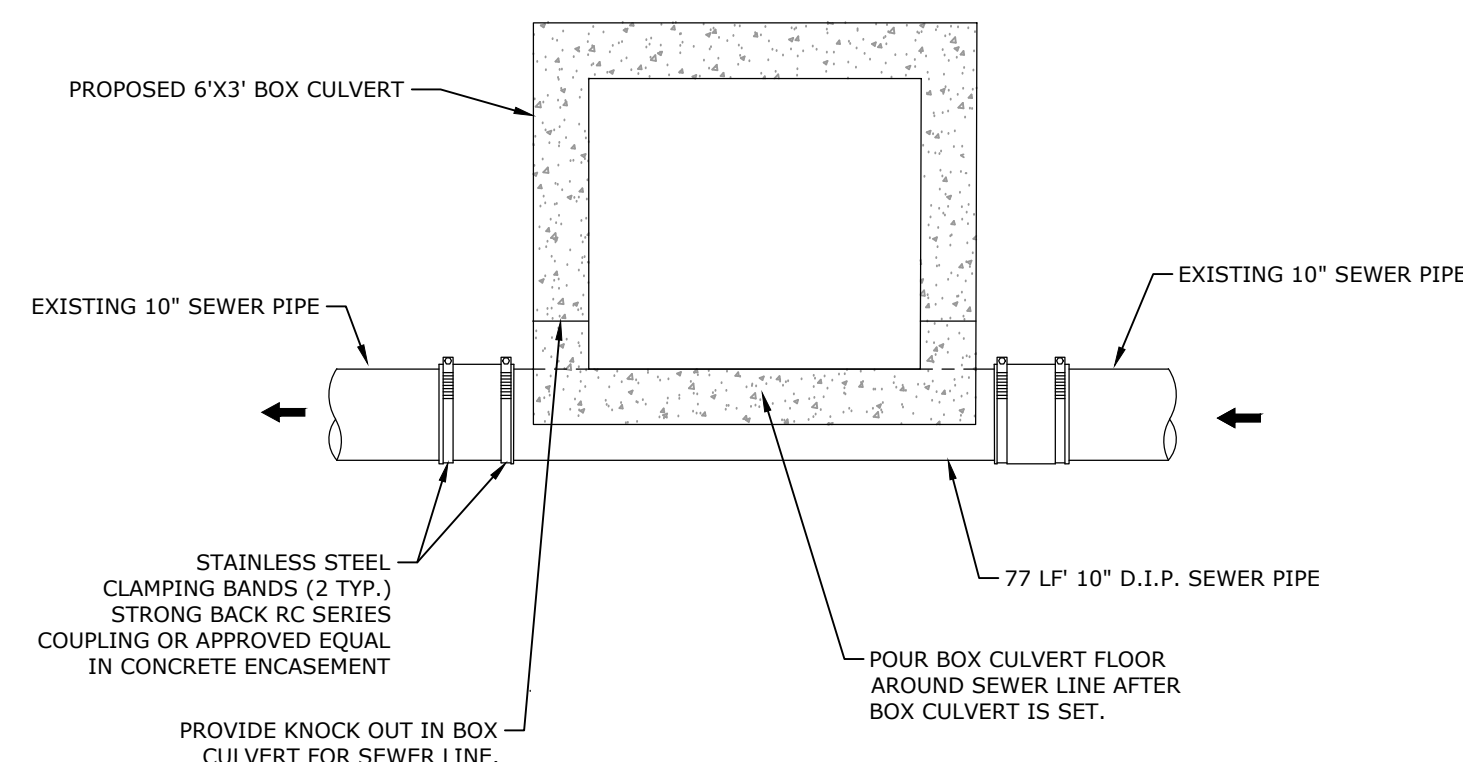
ELEVATION

STATION 11+10 HEADWALL (INLET)

- NOTES:
1. DEMO EXISTING BOX CULVERT.
 2. REFER TO PW-4 HEAD WALL DETAIL FOR REINFORCING AND DIMENSIONS NOT GIVEN.
 3. BOX CULVERT MAY BE CONSTRUCTED IN-PLACE PER ARDOT STANDARD DETAILS OR PRECAST.
 4. BACKFILL AROUND BOX CULVERT WITH B-STONE 1-FOOT THICKNESS.

BOX CULVERT DIMENSIONS

NTS



DUCTILE IRON
SANITARY SEWER CONFLICT DETAIL

N.T.S

- NOTES:
1. COMPLY WITH MATERIAL AND CONSTRUCTION REQUIREMENTS OF LITTLE ROCK WATER RECLAMATION AUTHORITY. COORDINATE ALL SEWER LINE ACTIVITIES WITH LRWA.
 2. LAY SEWER LINE ON 0.21% GRADE TO MATCH EXISTING SEWER GRADE. CONTRACTOR TO VERIFY EXISTING GRADE.
 3. COMPLETE CCTV ACCEPTANCE TESTING AFTER CONSTRUCTION.

33L0100000100
SIDENCES AT RIVERDALE LP
REBSAMEN PARK ROAD
LITTLE ROCK, AR 72202
LOT 1 & PART TRACT A
2019-076858

EXISTING WOOD
FENCE

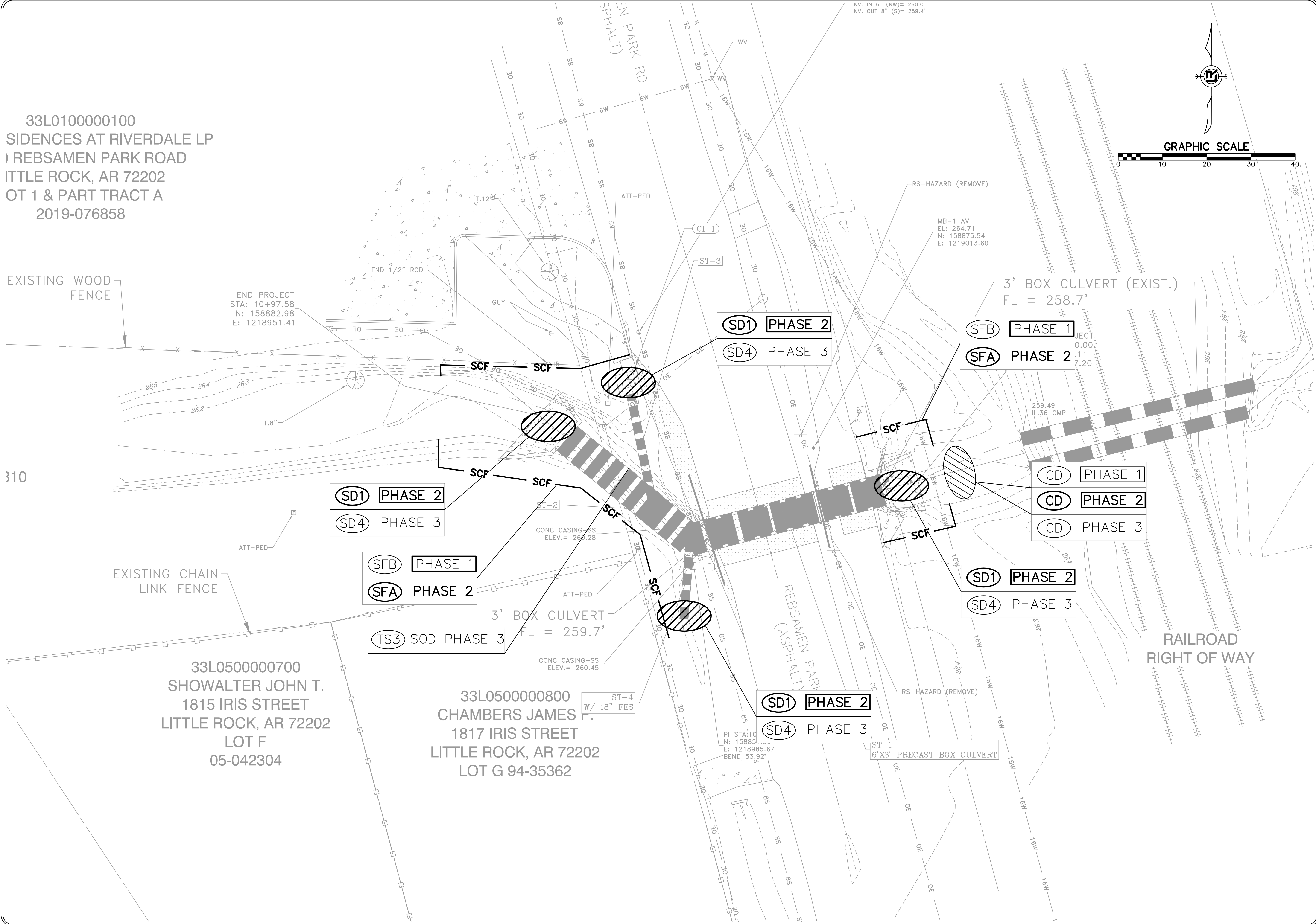
END PROJECT
STA: 10+97.58
N: 158882.98
E: 1218951.41

310

EXISTING CHAIN
LINK FENCE

33L0500000700
SHOWALTER JOHN T.
1815 IRIS STREET
LITTLE ROCK, AR 72202
LOT F
05-042304

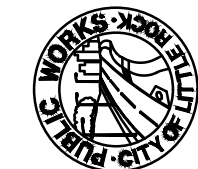
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CHAMBERS JAMES
1817 IRIS STREET
LITTLE ROCK, AR 72202
LOT G 94-35362



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
REBSAMEN PARK ROAD DRAINAGE

EROSION CONTROL



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



DRAWN BY KMH
DESIGNED KMH
CHECKED FJS
DATE 12-12-2022
SCALE 1"=20'
PROJECT NO. WARD 3
SHEET NO. C6