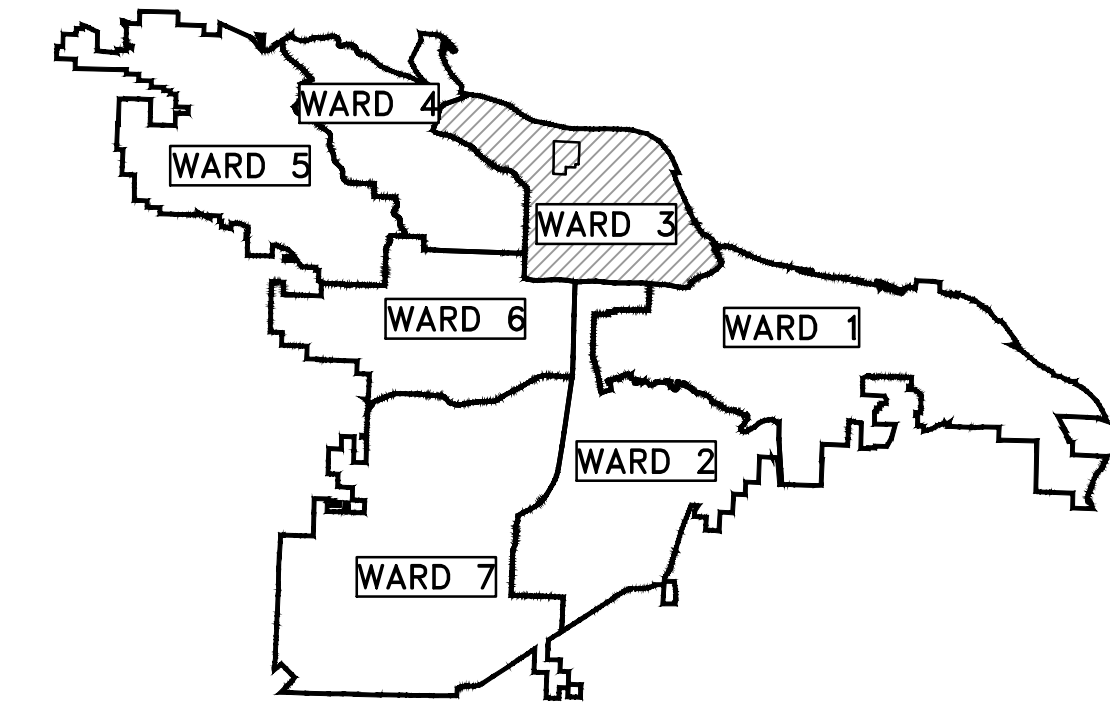
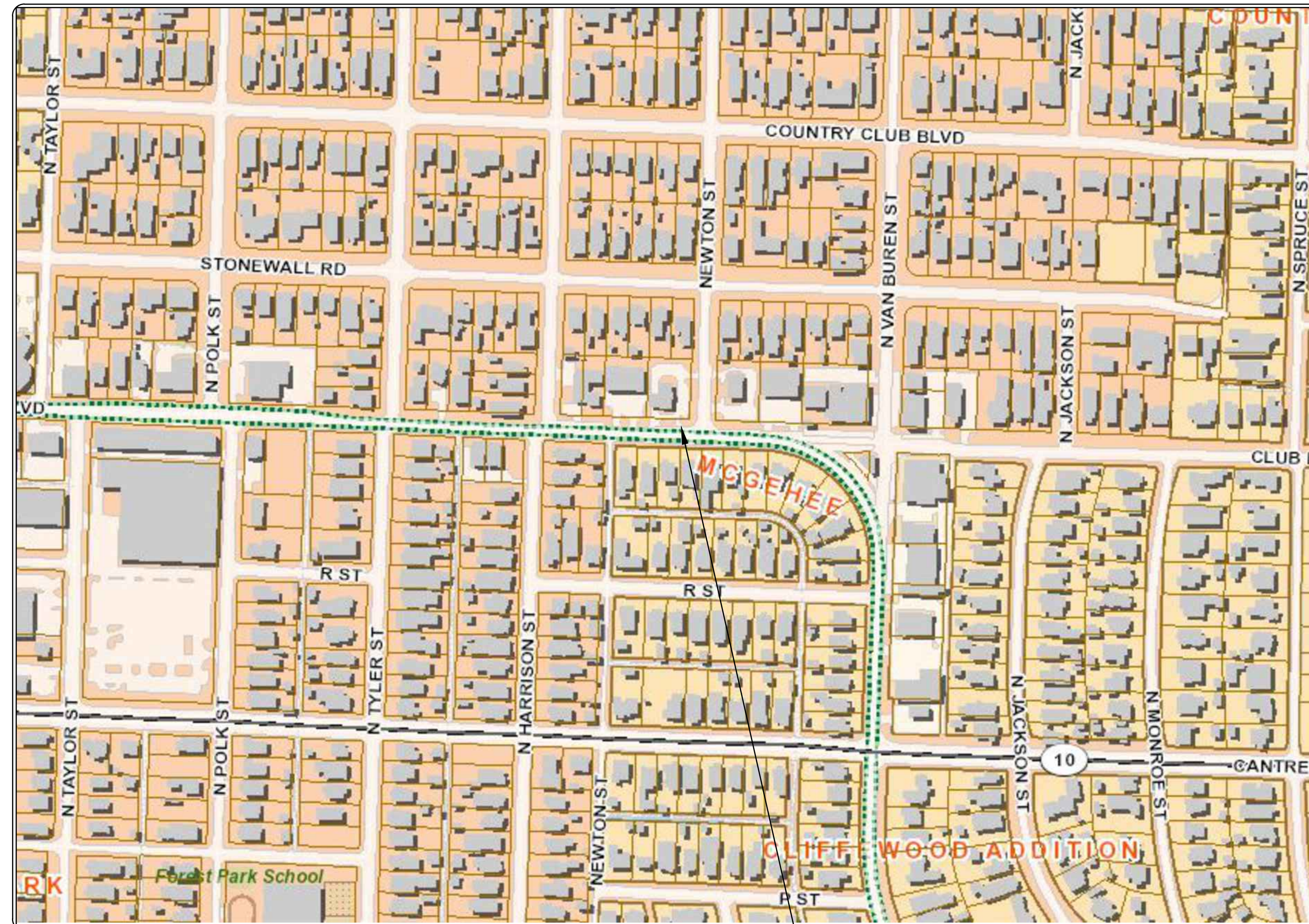
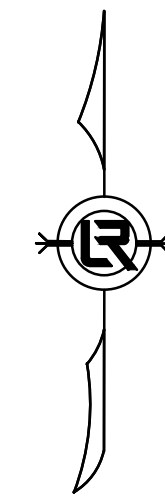


# CLR PROJECT # 03-22-DR-31 #5201 KAVANAUGH BLVD. DRAINAGE IMPROVEMENTS



PROJECT LOCATION - WARD 3



PROJECT LOCATION

SHEET NO.	TITLE
C1	COVER SHEET
C2	PLAN SHEET (1)
C3	PLAN AND PROFILE SHEET (1)
C4	PLAN AND PROFILE SHEET (2)
C5	PLAN AND PROFILE SHEET (3)
C6	PLAN AND PROFILE SHEET (4)
C7	CURB & GUTTER, DRIVE REPAIR, AND ASPHALT REPAIR PLAN

## 90% PLAN SET - R1

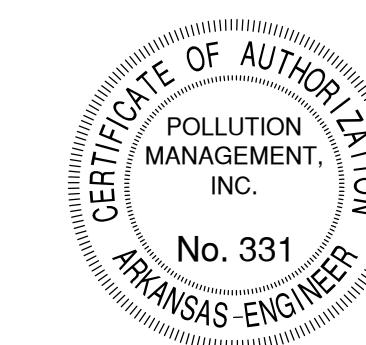


### BOND PROGRAM

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



Know what's below.  
Call before you dig.



3512 S. SHACKLEFORD RD.  
LITTLE ROCK, AR 72205

REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS  
KAVANAUGH DRAINAGE IMPROVEMENTS

COVER SHEET

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

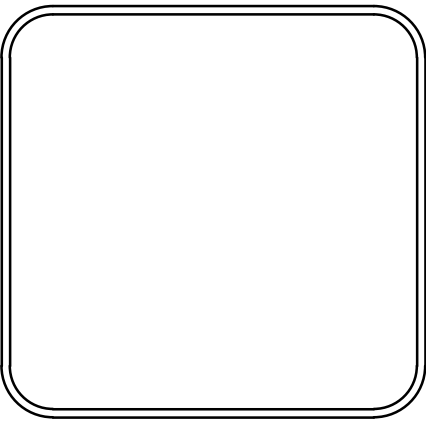


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JDM  
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JDM  
DATE  
5/10/2024  
SCALE  
N.T.S.  
PROJECT NO.  
03-22-DR-31  
SHEET NO.  
C1

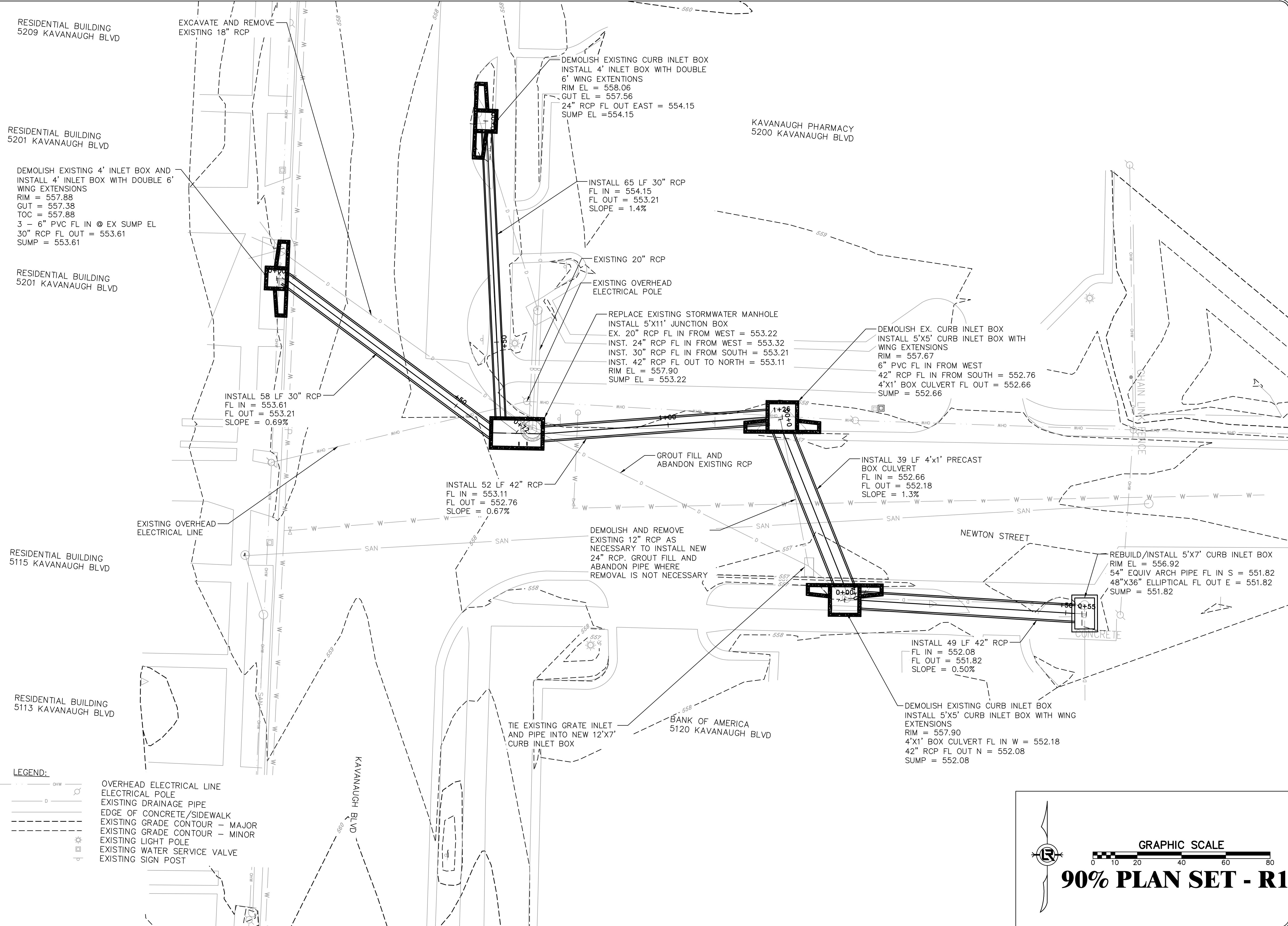
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
**#5201 KAVANAUGH BLVD DRAINAGE IMPROVEMENTS**  
 PLAN SHEET (1)

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



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JDM  
**DESIGNED**  
JDM  
**CHECKED**  
JDM  
**DATE**  
5/10/2024  
**SCALE**  
1" = 10'  
**PROJECT NO.**  
CLR 03-22-DR-31  
**SHEET NO.**  
C2



RESIDENTIAL BUILDING  
5209 KAVANAUGH BLVD

RESIDENTIAL BUILDING  
5201 KAVANAUGH BLVD

DEMOLISH EXISTING 4' INLET BOX AND  
INSTALL 4' INLET BOX WITH DOUBLE 6'  
WING EXTENSIONS  
RIM = 557.88  
GUT = 557.38  
TOC = 557.88  
3 - 6" PVC FL IN @ EX SUMP EL  
30" RCP FL OUT = 553.61  
SUMP = 553.61

RESIDENTIAL BUILDING  
5201 KAVANAUGH BLVD

RESIDENTIAL BUILDING  
5115 KAVANAUGH BLVD

RESIDENTIAL BUILDING  
5113 KAVANAUGH BLVD

EXCAVATE AND REMOVE  
EXISTING 18" RCP

DEMOLISH EXISTING CURB INLET BOX  
INSTALL 4' INLET BOX WITH DOUBLE  
6' WING EXTENSIONS  
RIM EL = 558.06  
GUT EL = 557.56  
24" RCP FL OUT EAST = 554.15  
SUMP EL = 554.15

KAVANAUGH PHARMACY  
5200 KAVANAUGH BLVD

INSTALL 65 LF 30" RCP  
FL IN = 554.15  
FL OUT = 553.21  
SLOPE = 1.4%

EXISTING 20" RCP

EXISTING OVERHEAD  
ELECTRICAL POLE

REPLACE EXISTING STORMWATER MANHOLE  
INSTALL 5'X11' JUNCTION BOX  
EX. 20" RCP FL IN FROM WEST = 553.22  
INST. 24" RCP FL IN FROM WEST = 553.32  
INST. 30" RCP FL IN FROM SOUTH = 553.21  
INST. 42" RCP FL OUT TO NORTH = 553.11  
RIM EL = 557.90  
SUMP EL = 553.22

DEMOLISH EX. CURB INLET BOX  
INSTALL 5'X5' CURB INLET BOX WITH  
WING EXTENSIONS  
RIM = 557.67  
6" PVC FL IN FROM WEST  
42" RCP FL IN FROM SOUTH = 552.76  
4'X1' BOX CULVERT FL OUT = 552.66  
SUMP = 552.66

INSTALL 58 LF 30" RCP  
FL IN = 553.61  
FL OUT = 553.21  
SLOPE = 0.69%

INSTALL 52 LF 42" RCP  
FL IN = 553.11  
FL OUT = 552.76  
SLOPE = 0.67%

GROUT FILL AND  
ABANDON EXISTING RCP

INSTALL 39 LF 4'X1' PRECAST  
BOX CULVERT  
FL IN = 552.66  
FL OUT = 552.18  
SLOPE = 1.3%

EXISTING OVERHEAD  
ELECTRICAL LINE

DEMOLISH AND REMOVE  
EXISTING 12" RCP AS  
NECESSARY TO INSTALL NEW  
24" RCP. GROUT FILL AND  
ABANDON PIPE WHERE  
REMOVAL IS NOT NECESSARY

NEWTON STREET

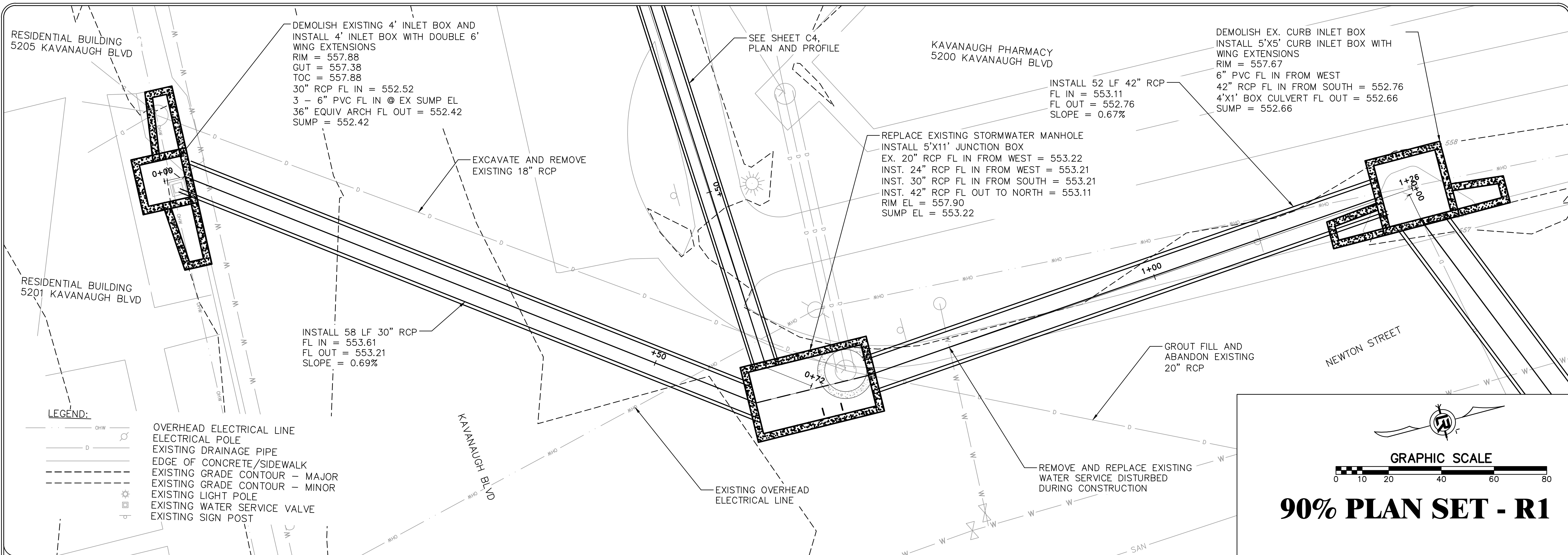
REBUILD/INSTALL 5'X7' CURB INLET BOX  
RIM EL = 556.92  
54" EQUIV ARCH PIPE FL IN S = 551.82  
48"X36" ELLIPTICAL FL OUT E = 551.82  
SUMP = 551.82

INSTALL 49 LF 42" RCP  
FL IN = 552.08  
FL OUT = 551.82  
SLOPE = 0.50%

TIE EXISTING GRATE INLET  
AND PIPE INTO NEW 12'X7'  
CURB INLET BOX

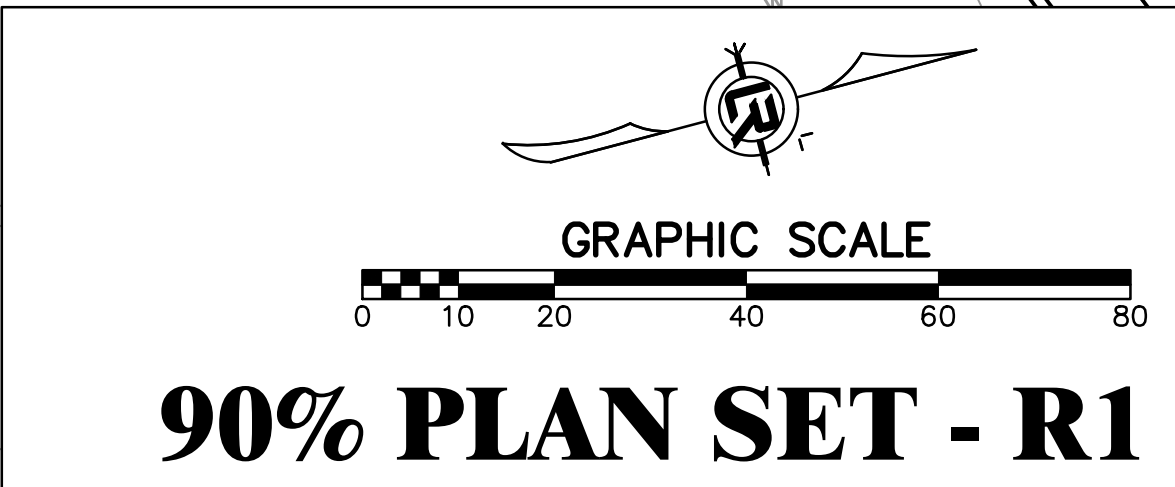
BANK OF AMERICA  
5120 KAVANAUGH BLVD

DEMOLISH EXISTING CURB INLET BOX  
INSTALL 5'X5' CURB INLET BOX WITH WING  
EXTENSIONS  
RIM = 557.90  
4'X1' BOX CULVERT FL IN W = 552.18  
42" RCP FL OUT N = 552.08  
SUMP = 552.08

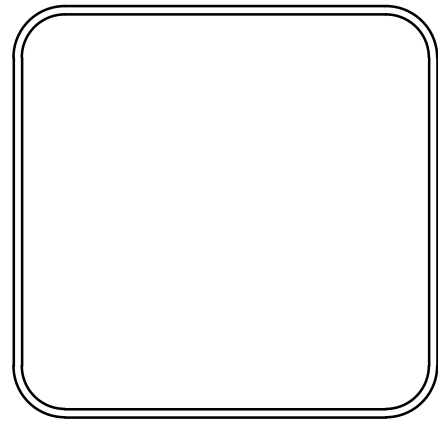


REVISIONS	DATE

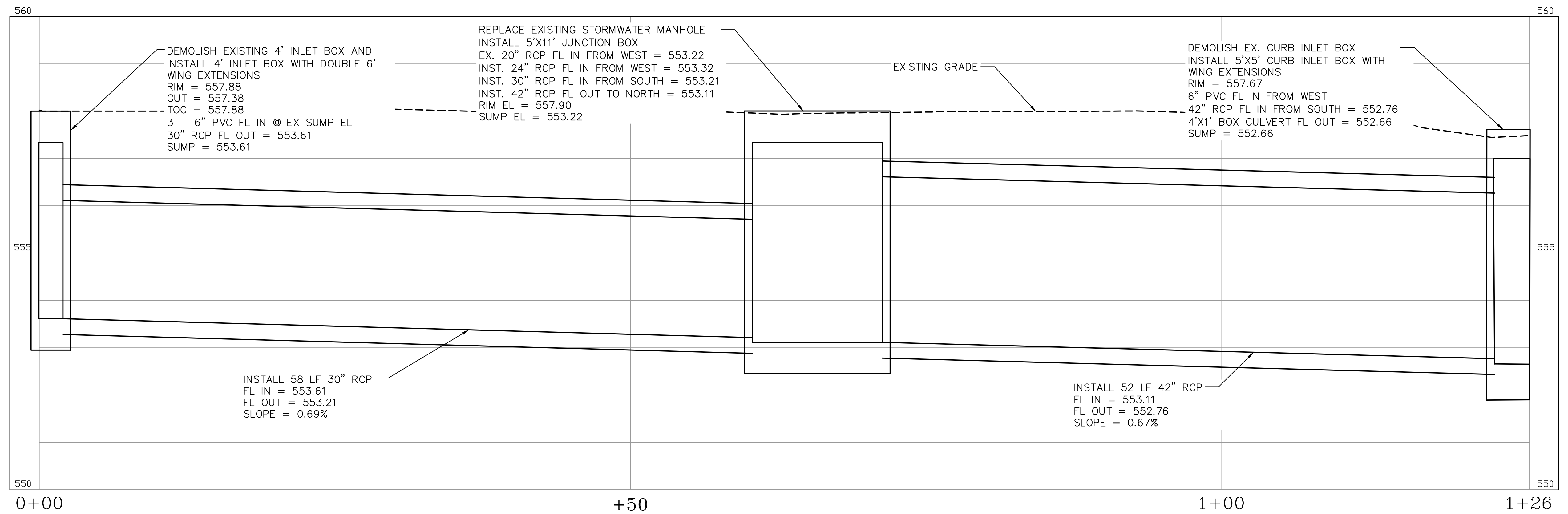
**CITY OF LITTLE ROCK, ARKANSAS**  
**#5201 KAVANAUGH BLVD DRAINAGE IMPROVEMENTS**  
**PLAN & PROFILE SHEET (1)**



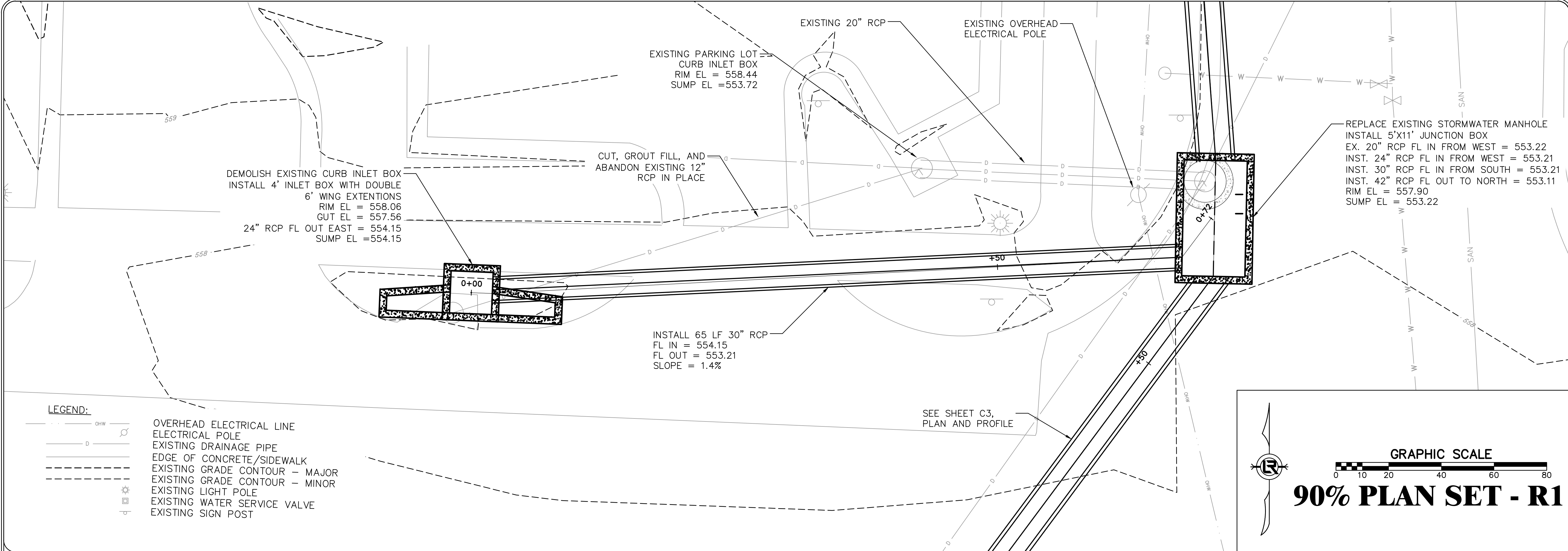
**DEPARTMENT OF PUBLIC WORKS**  
**CIVIL ENGINEERING**  
**701 W. MARKHAM**  
**LITTLE ROCK, ARKANSAS 72201**



<b>DRAWN BY</b> JDM
<b>DESIGNED</b> JDM
<b>CHECKED</b> JDM
<b>DATE</b> 5/10/2024
<b>SCALE</b> 1" = 10'
<b>PROJECT NO.</b> CLR 03-22-DR-31
<b>SHEET NO.</b> C3



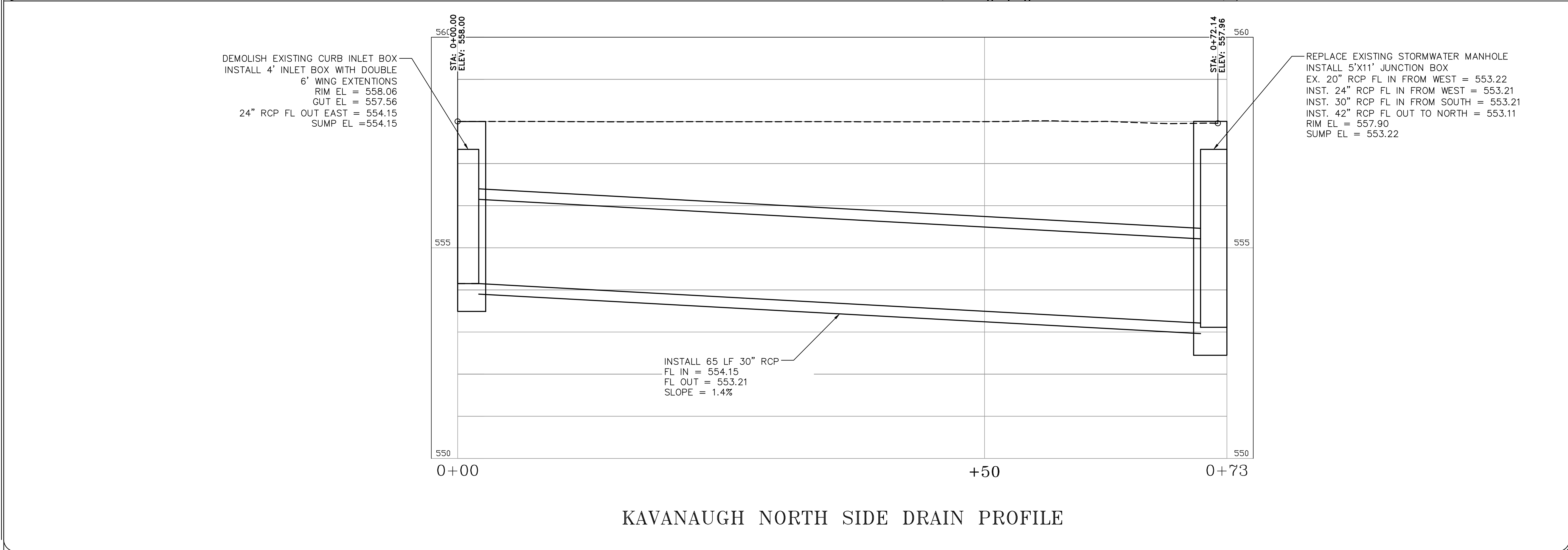
**KAVANAUGH SOUTH CROSS PROFILE**



- LEGEND:**
- OVERHEAD ELECTRICAL LINE
  - ELECTRICAL POLE
  - EXISTING DRAINAGE PIPE
  - EDGE OF CONCRETE/SIDEWALK
  - EXISTING GRADE CONTOUR - MAJOR
  - EXISTING GRADE CONTOUR - MINOR
  - EXISTING LIGHT POLE
  - EXISTING WATER SERVICE VALVE
  - EXISTING SIGN POST

GRAPHIC SCALE

**90% PLAN SET - R1**

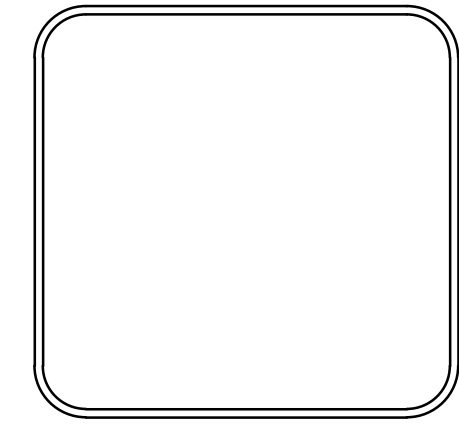


KAVANAUGH NORTH SIDE DRAIN PROFILE

REVISIONS	DATE

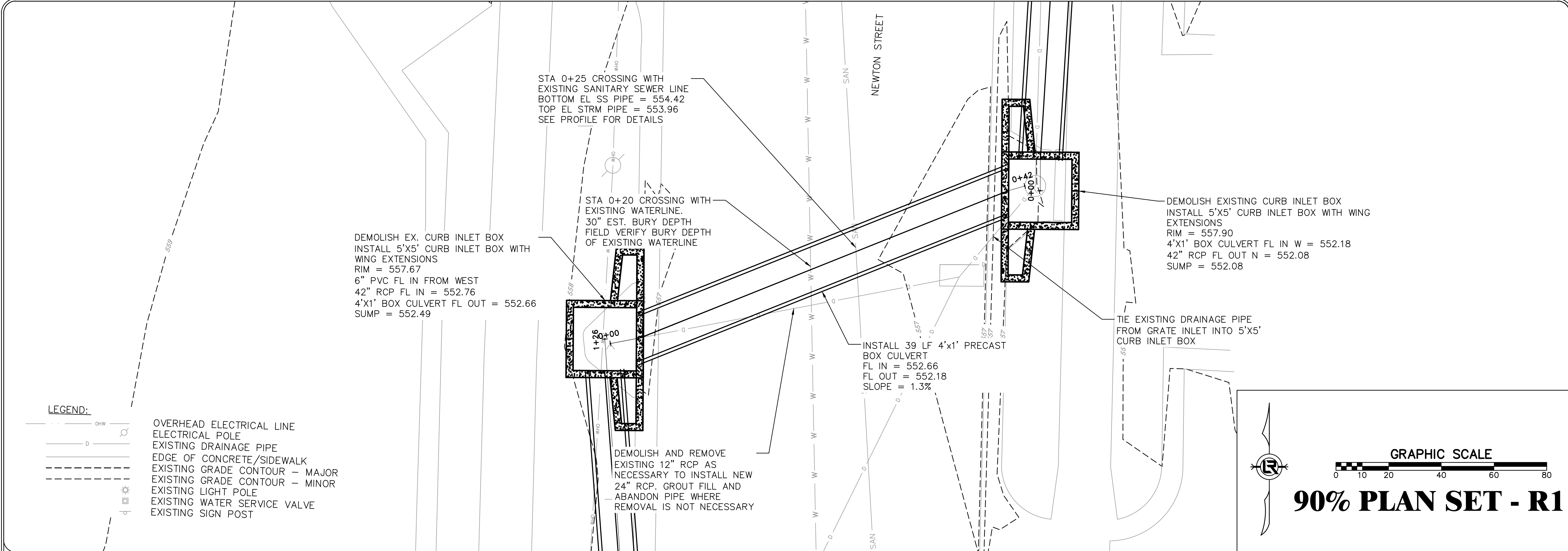
**CITY OF LITTLE ROCK, ARKANSAS**  
**#5201 KAVANAUGH BLVD DRAINAGE IMPROVEMENTS**  
 PLAN & PROFILE SHEET (2)

DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
 701 W. MARKHAM  
 LITTLE ROCK, ARKANSAS 72001



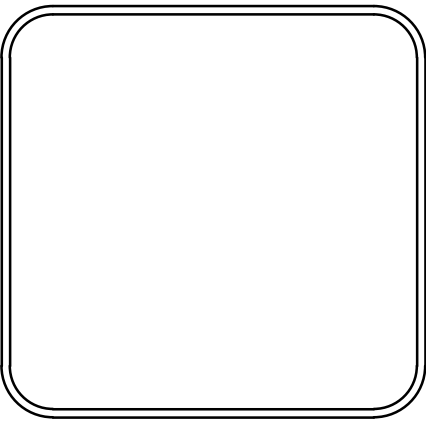
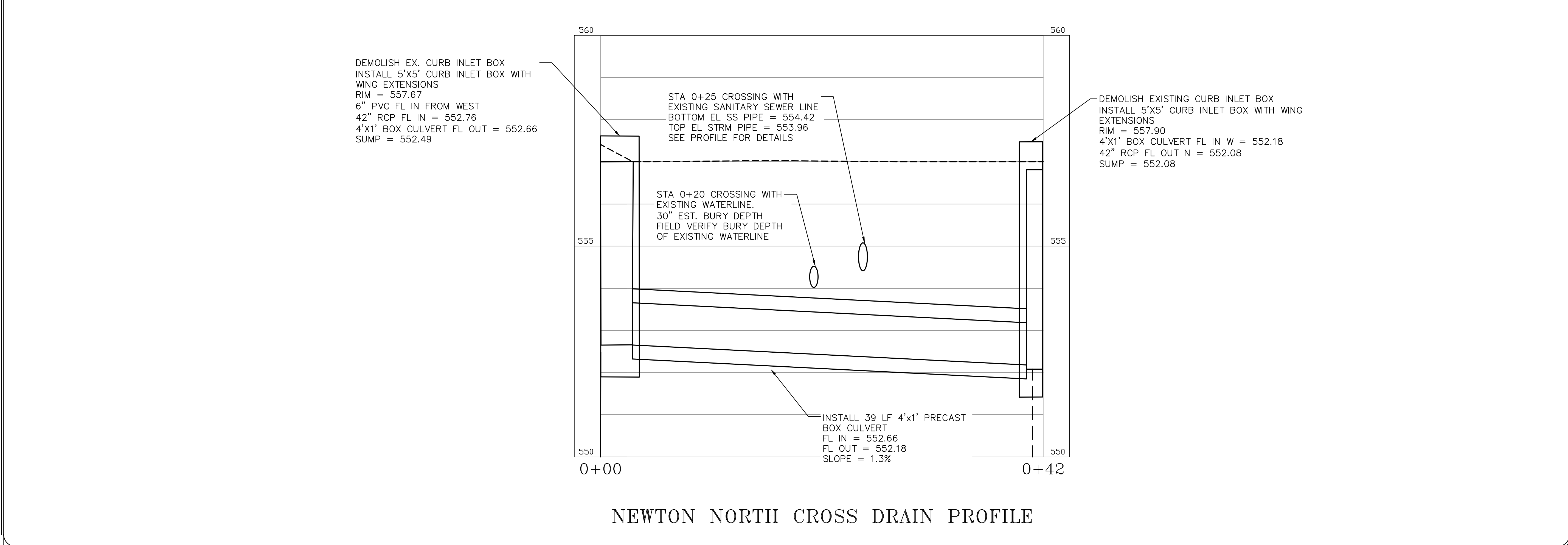
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<b>DESIGNED</b> JDM
<b>CHECKED</b> JDM
<b>DATE</b> 5/10/2024
<b>SCALE</b> 1" = 10'
<b>PROJECT NO.</b> CLR 03-22-DR-31
<b>SHEET NO.</b> C4

REVISIONS	DATE

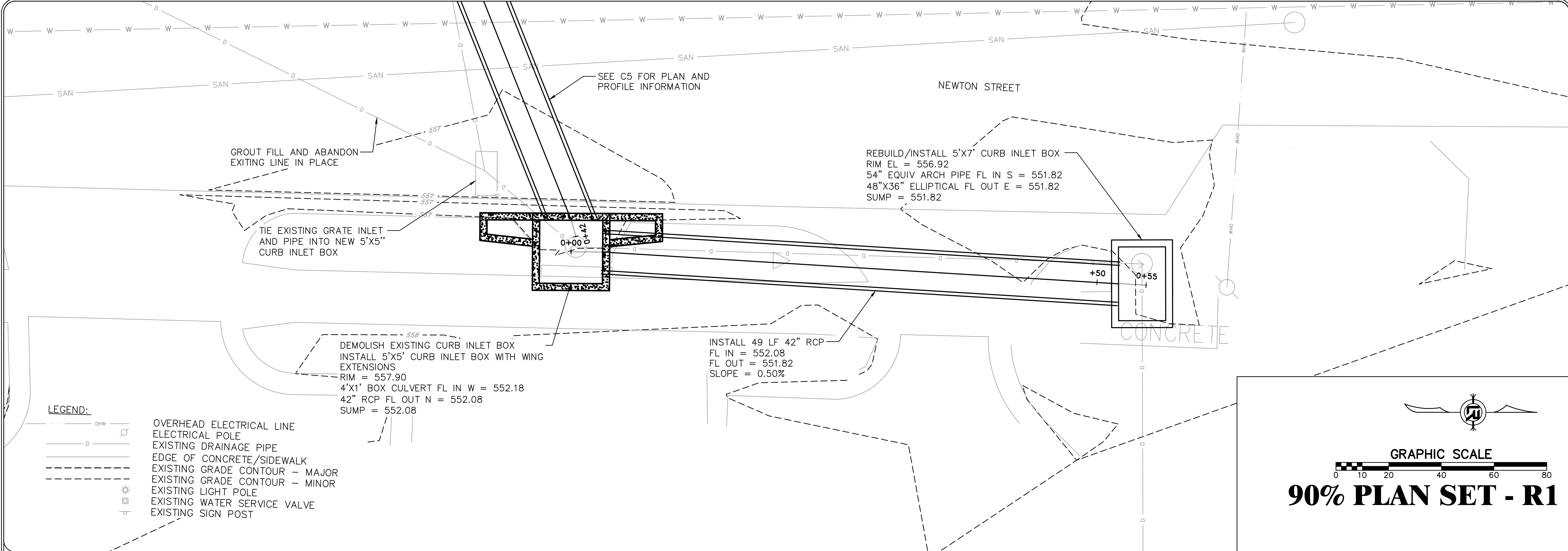


CITY OF LITTLE ROCK, ARKANSAS  
 #5201 KAVANAUGH BLVD DRAINAGE IMPROVEMENTS  
 PLAN & PROFILE SHEET (3)

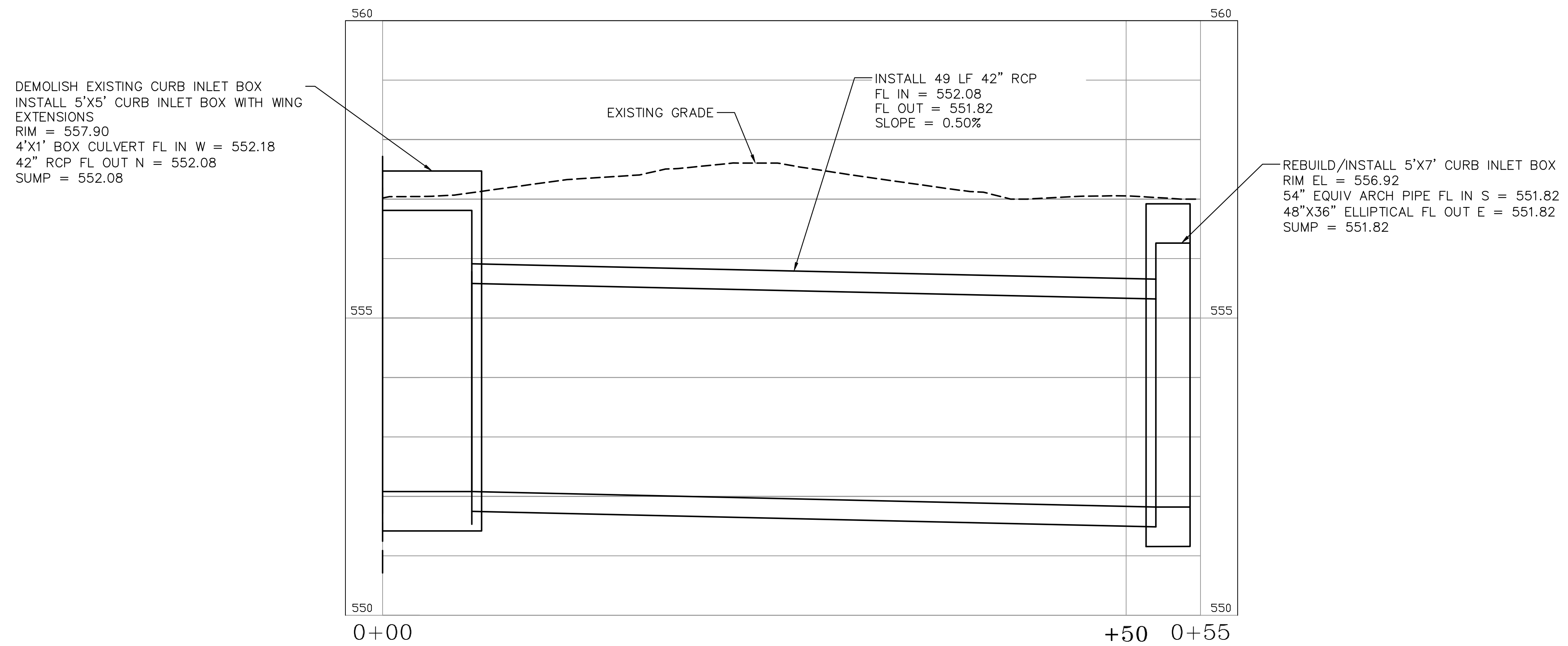
DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
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 LITTLE ROCK, ARKANSAS 72201



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JDM  
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 SCALE  
1" = 10'  
 PROJECT NO.  
CLR 03-22-DR-31  
 SHEET NO.  
C5



**90% PLAN SET - R1**

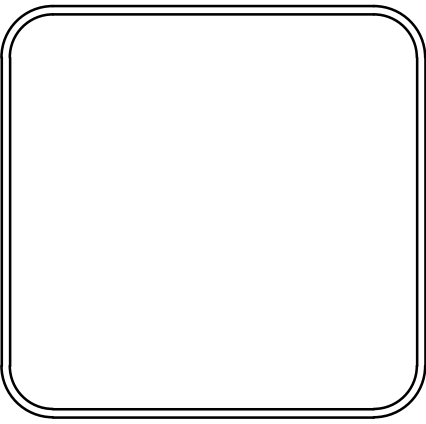


NEWTON PARALLEL PROFILE

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 #5201 KAVANAUGH BLVD DRAINAGE IMPROVEMENTS  
 PLAN & PROFILE SHEET (4)

DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
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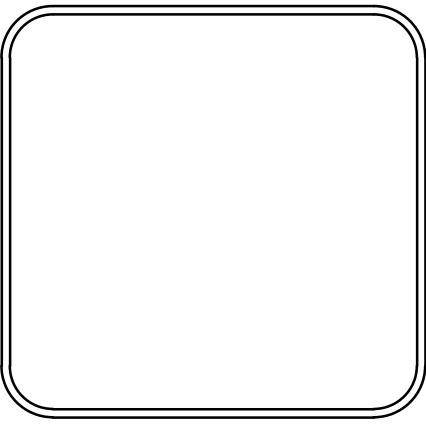


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SCALE 1" = 10'
PROJECT NO. CLR 03-22-DR-31
SHEET NO. C6

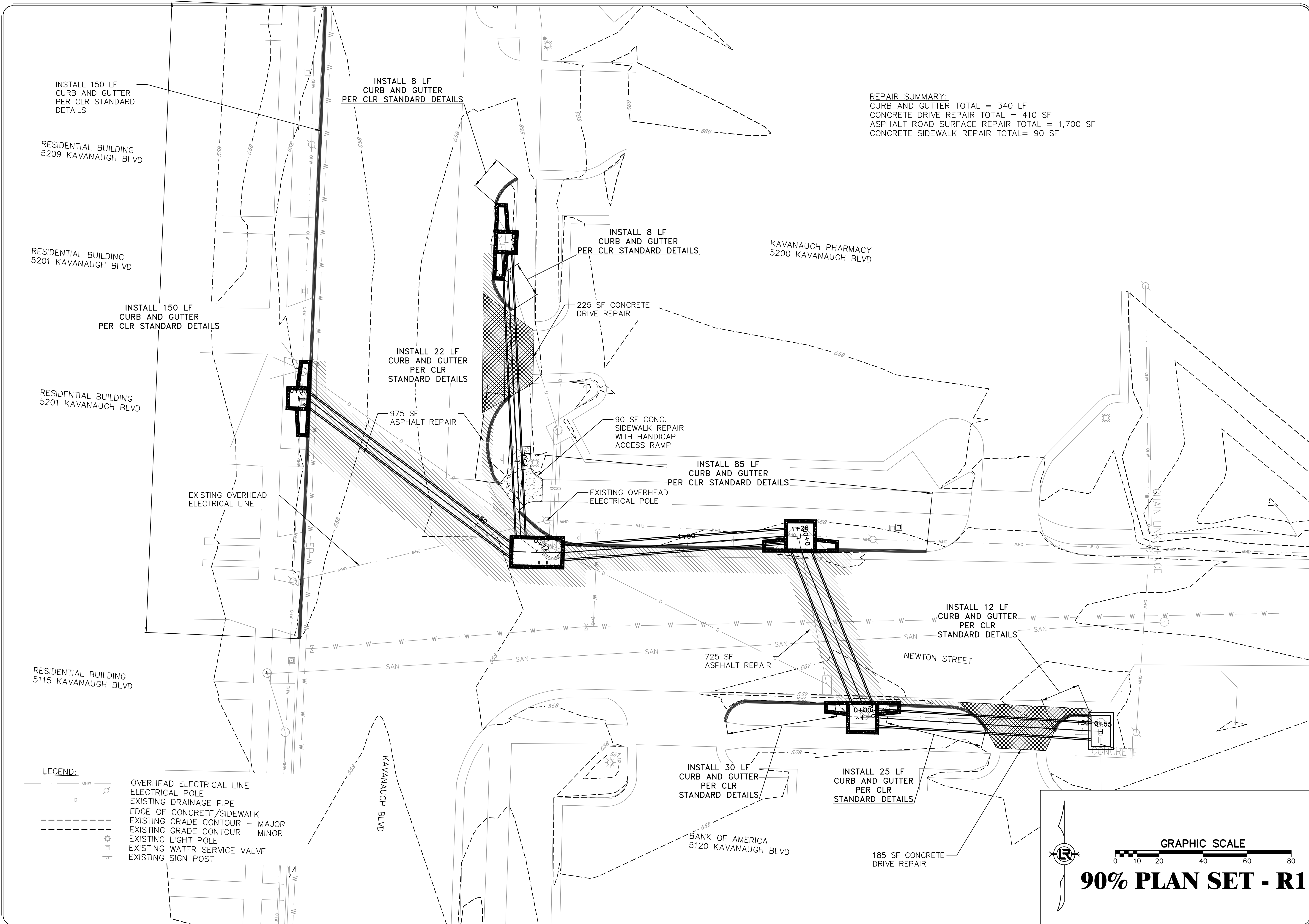
REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**#5201 KAVANAUGH BLVD DRAINAGE IMPROVEMENTS**  
**CURB & GUTTER, DRIVE REPAIR, AND ASPHALT REPAIR PLAN**

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



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5/10/2024  
**SCALE**  
1" = 10'  
**PROJECT NO.**  
CLR 03-22-DR-31  
**SHEET NO.**  
C7



**REPAIR SUMMARY:**  
 CURB AND GUTTER TOTAL = 340 LF  
 CONCRETE DRIVE REPAIR TOTAL = 410 SF  
 ASPHALT ROAD SURFACE REPAIR TOTAL = 1,700 SF  
 CONCRETE SIDEWALK REPAIR TOTAL = 90 SF

**LEGEND:**

- OHW — OVERHEAD ELECTRICAL LINE
- E — ELECTRICAL POLE
- D — EXISTING DRAINAGE PIPE
- — EDGE OF CONCRETE/SIDEWALK
- - - - EXISTING GRADE CONTOUR - MAJOR
- - - - EXISTING GRADE CONTOUR - MINOR
- ⊙ EXISTING LIGHT POLE
- ⊕ EXISTING WATER SERVICE VALVE
- ⊔ EXISTING SIGN POST

**GRAPHIC SCALE**  
 0 10 20 40 60 80

**90% PLAN SET - R1**