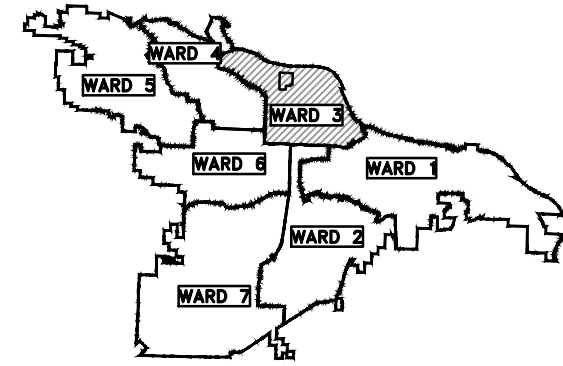
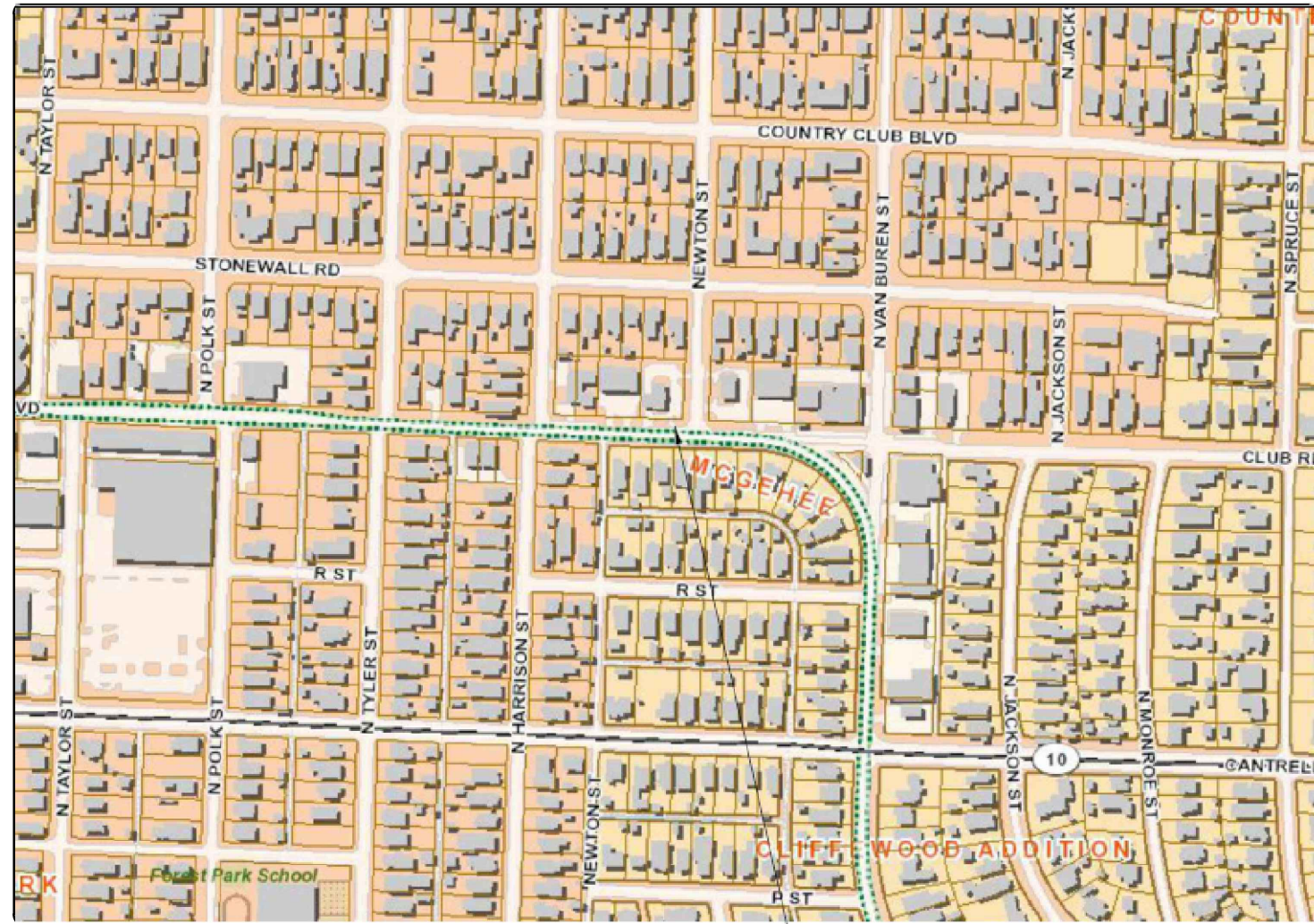


# CLR PROJECT # 03-22-DR-31 #5201 KAVANAUGH BLVD. DRAINAGE IMPROVEMENTS



PROJECT LOCATION - WARD 3

SHEET NO.	TITLE
C1	COVER SHEET
C2	QUANTITIES AND GENERAL NOTES
C3	PLAN SHEET (1)
C4	PLAN AND PROFILE SHEET (1)
C5	PLAN AND PROFILE SHEET (2)
C6	PLAN AND PROFILE SHEET (3)
C7	PLAN AND PROFILE SHEET (4)
C8-C10	MAINTENANCE OF TRAFFIC



PROJECT LOCATION



**BOND PROGRAM**

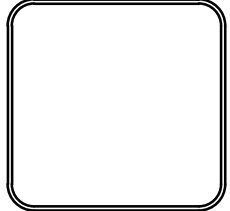
DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 WEST MARKHAM STREET  
LITTLE ROCK, ARKANSAS 72201

**ISSUED FOR  
CONSTRUCTION**

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
KAVANAUGH DRAINAGE IMPROVEMENTS  
COVER SHEET

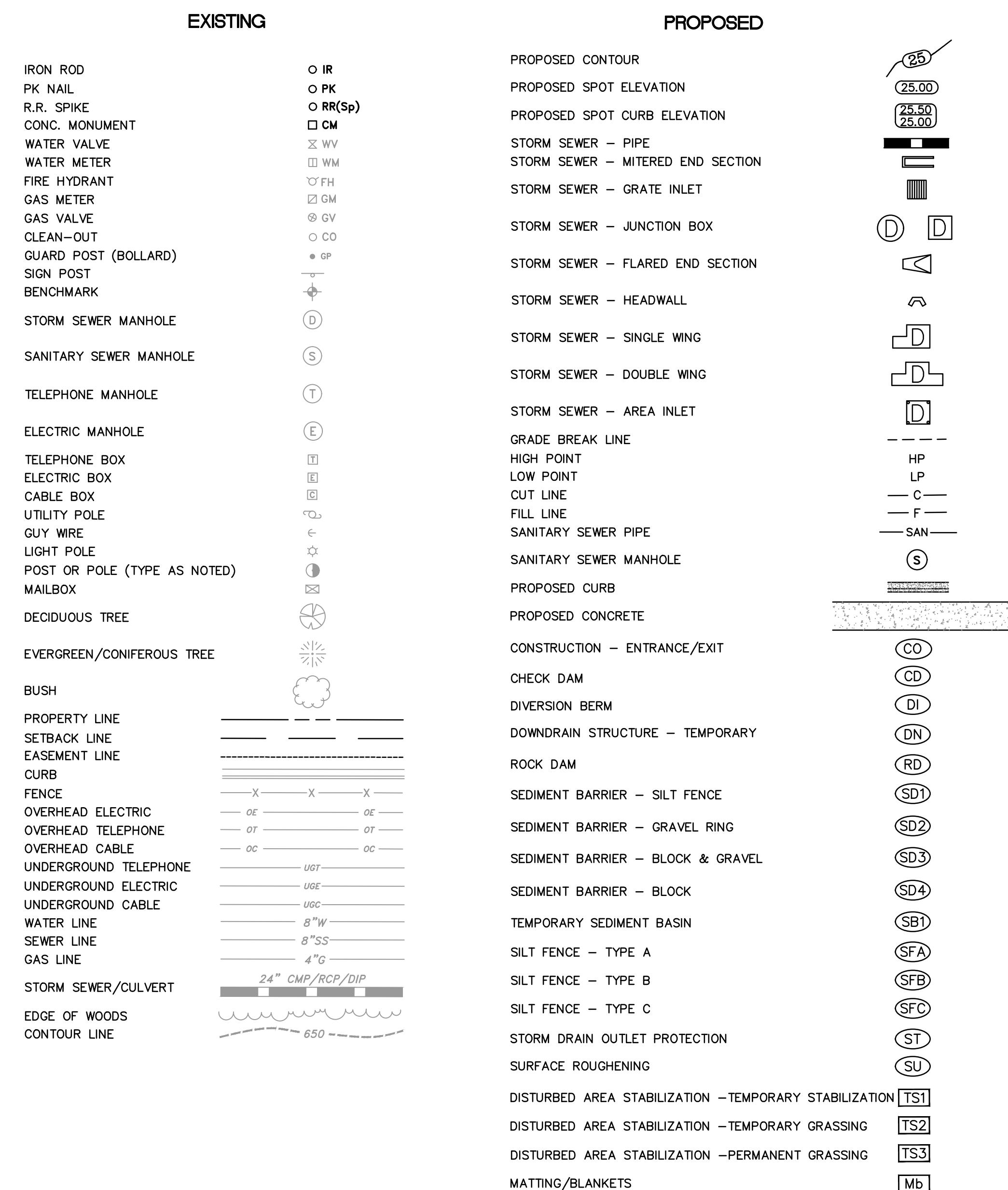
DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



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SCALE N.T.S.
PROJECT NO. 03-22-DR-31
SHEET NO. C1

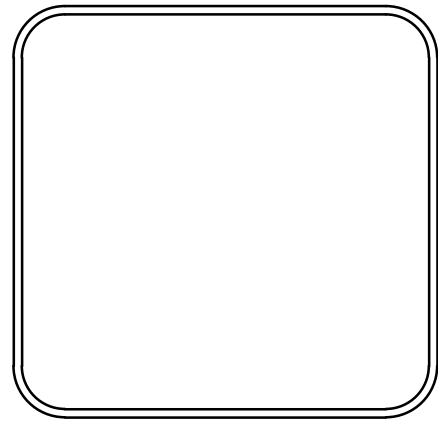
REVISIONS	DATE

PRICING OF ESTIMATED QUANTITIES			
<b>CLR PROJECT #</b>			
5201 KAVANAUGH BLVD DRAINAGE			
11-Sep-24			
ITEM #	ITEM DESCRIPTION	UNIT	QUANT'
2.01	SITE PREPARATION/MOBILIZATION	LS	1
4.01	AGGREGATE BASE COURSE	TON	20
7.06	CONCRETE DRIVEWAY 8" THICK	SF	320
8.01	CONCRETE CURB AND GUTTER CLASS 3	LF	120
9.04	CONCRETE SIDEWALK	SF	600
10.01C	JUNCTION BOX (4'x5' BOX) CONFLICT BOX - JB-2	EA	1
10.01D	CURB INLET (5'x8' BOX) - CI-3	EA	1
10.01E	JUNCTION BOX (6'x11' BOX) JB-1	EA	1
10.04	CURB INLET (4'x4' BOX) CI-1&CI-2	EA	2
10.05	CURB INLET (5' x 5' Box ) - CI-5	EA	1
10.06	CURB INLET (6'x6' BOX) - CI-4	EA	1
10.07	3' WING EXTENSION	EA	2
10.10	6' WING EXTENSION	EA	6
13.24C	STORM DRAIN PIPE 24" CROSS DRAIN	LF	123
13.42C	STORM DRAIN PIPE 42" CROSS DRAIN	LF	87
13.42S	STORM DRAIN PIPE 42" SIDE DRAIN	LF	49
14.01	SOLID SODDING BERMUDA INCLUDES 4" TOPOSOIL	SY	120
16.01	MAINTENANCE OF TRAFFIC	LS	1
17.01	PAVEMENT REPAIRS-UTILITY STREET CUT	SY	175
18.50	ACCESS RAMP	SF	125
19.01	FINAL CLEANUP	LS	1
24.06	SEDIMENT BARRIER SILT FENCE SD1	EA	7
24.09	SEDIMENT BARRIER BLOCK SD4	EA	7
26.10	TRENCH AND EXCAVATION SAFETY	LS	1
SP	AS BUILT SURVEY	LS	1
	Concrete Plug Existing Pipe	EA	2



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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<b>DESIGNED</b>
<b>CHECKED</b>
<b>DATE</b>
<b>SCALE</b> 1" = 10'
<b>PROJECT NO.</b> CLR 03-22-DR-31
<b>SHEET NO.</b> C2

RESIDENTIAL BUILDING  
5209 KAVANAUGH BLVD

RESIDENTIAL BUILDING  
5201 KAVANAUGH BLVD

CI-2  
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  
24" CROSS DRAIN FL OUT = 553.61

RESIDENTIAL BUILDING  
5201 KAVANAUGH BLVD

RESIDENTIAL BUILDING  
5115 KAVANAUGH BLVD

RESIDENTIAL BUILDING  
5113 KAVANAUGH BLVD

EXISTING 18" RCP TO BE  
ABANDONED IN PLACE.  
CAP UPSTREAM END.

CI-1  
DEMOLISH EXISTING CURB INLET BOX  
INSTALL 4' INLET BOX WITH DOUBLE 3'  
WING EXT  
RIM EL = 558.06  
GUT EL = 557.56  
24" CROSS DRAIN FL OUT E = 554.15

KAVANAUGH PHARMACY  
5200 KAVANAUGH BLVD

8" COMMERCIAL  
DRIVE (210 SF)

REPLACE  
SIDEWALK (120 SF)

PIPE 1  
INSTALL 65 LF 24" CROSS DRAIN  
FL IN = 554.15  
FL OUT = 553.21  
SLOPE = 1.4%

REPLACE  
SIDEWALK (145 SF)

EXISTING 20" RCP  
TIE IN AS SITE PREP

EXISTING OVERHEAD  
ELECTRICAL POLE

JB-1  
REPLACE EXISTING STORMWATER MANHOLE  
INSTALL 6'X11' JUNCTION BOX  
EX. 20" CROSS DRAIN FL W = 553.22(TIE IN AS SITE PREP  
24" CROSS DRAIN FL W = 553.32  
24" CROSS DRAIN FL S = 553.21  
42" CROSS DRAIN FL N = 553.11  
RIM EL = 557.90

CI-3  
DEMOLISH EX. CURB INLET BOX  
INSTALL 5'X8' CURB INLET BOX WITH 2-6' WING  
EXTENSIONS  
RIM = 557.67  
6" PVC FL IN FROM WEST  
42" CROSS DRAIN FL S = 552.76  
42" CROSS DRAIN FL E = 552.66

PIPE 2  
INSTALL 58 LF 24" CROSS DRAIN  
FL IN = 553.61  
FL OUT = 553.21  
SLOPE = 0.69%

EXISTING 18" RCP TO  
BE REMOVED AS NECC.

PIPE 3  
INSTALL 52 LF 42" CROSS DRAIN  
FL IN = 553.11  
FL OUT = 552.76  
SLOPE = 0.67%

GROUT FILL AND  
ABANDON EXISTING RCP

PIPE 4  
INSTALL 21 LF 42" CROSS DRAIN  
FL IN = 552.66  
FL OUT = 552.40  
SLOPE = 1.3%

RELOCATE EXISTING  
WATERLINE.  
30" EST. BURY DEPTH  
FIELD VERIFY BURY DEPTH  
OF EXISTING WATERLINE

NEWTON STREET

REMOVE EXISTING DRAIN PIPE

JB-2 (4'x5' CONFLICT BOX)  
CROSSING WITH EXISTING  
SANITARY SEWER LINE  
BOTTOM EL SS PIPE = 554.42  
INSTALL 5'X5' CAST IN PLACE  
CONFLICT BOX. RIM-557.0(MATCH  
STREET GRADE)

8" COMMERCIAL  
DRIVE (110 SF)

CI-5  
REBUILD/INSTALL 5'X5' CURB INLET BOX  
RIM EL = 556.92  
TIE IN EX PIPE AS SITE PREP  
42" SIDE DRAIN FL IN S = 551.82  
48"X36" ELLIPTICAL FL OUT E = 551.82

PIPE 5  
INSTALL 14 LF 42" CROSS DRAIN  
FL IN = 552.34  
FL OUT = 552.18  
SLOPE = 1.3%

REMOVE EXISTING INLET AND  
PIPE AS NECC.

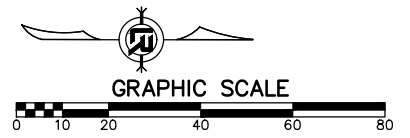
BANK OF AMERICA  
5120 KAVANAUGH BLVD

PIPE 6  
INSTALL 49 LF 42" SIDE DRAIN  
FL IN = 552.08  
FL OUT = 551.82  
SLOPE = 0.50%

CI-4  
DEMOLISH EXISTING CURB INLET BOX  
INSTALL 6'X6' CURB INLET BOX WITH  
2-6' WING EXTENSIONS  
RIM = 557.90  
42" CROSS DRAIN FL IN W = 552.18  
42" SIDE DRAIN FL OUT N = 552.08

REPLACE  
SIDEWALK (335 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
  - v — EXISTING WATER SERVICE VALVE
  - p — EXISTING SIGN POST



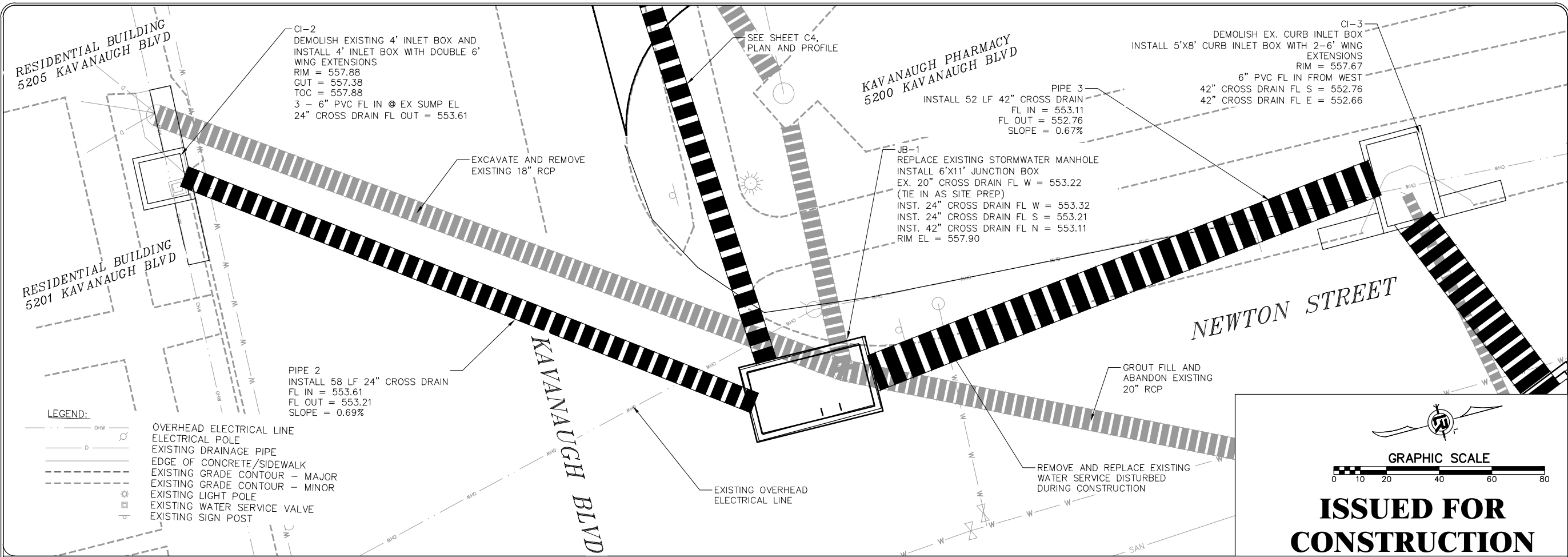
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REVISIONS	DATE

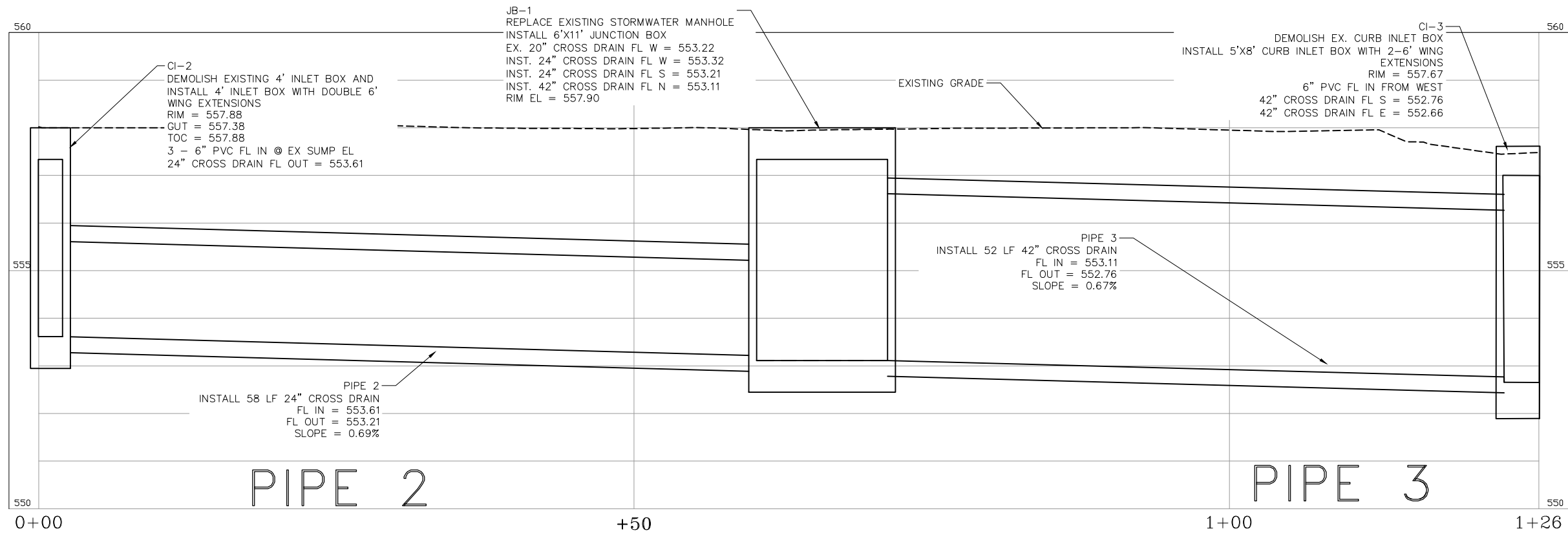
CITY OF LITTLE ROCK, ARKANSAS  
#5201 KAVANAUGH BLVD DRAINAGE IMPROVEMENTS  
PLAN SHEET (1)

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

DRAWN BY  
DESIGNED  
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8/23/2024  
SCALE  
1" = 10'  
PROJECT NO.  
CLR 03-22-DR-31  
SHEET NO.  
C3



**ISSUED FOR CONSTRUCTION**

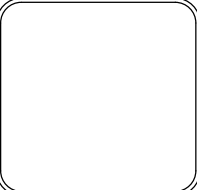


KAVANAUGH SOUTH CROSS PROFILE

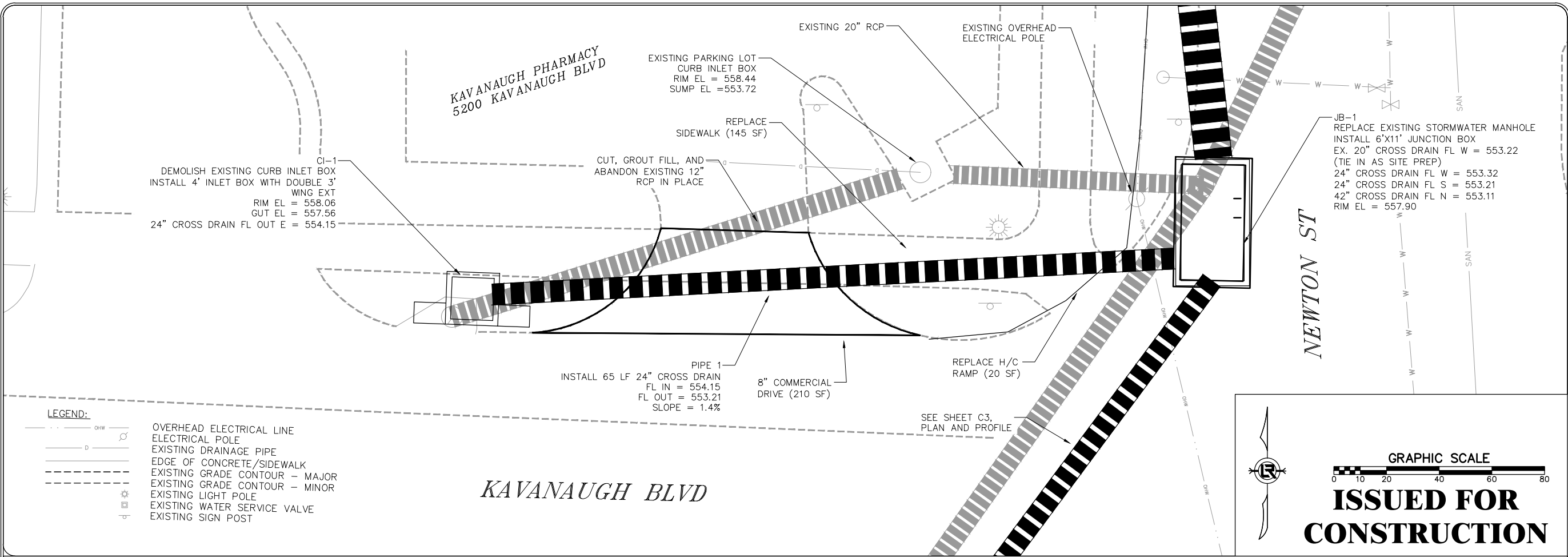
REVISIONS	DATE

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

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<b>CHECKED</b>
<b>DATE</b> 8/23/2024
<b>SCALE</b> 1" = 10'
<b>PROJECT NO.</b> CLR 03-22-DR-31
<b>SHEET NO.</b> C4

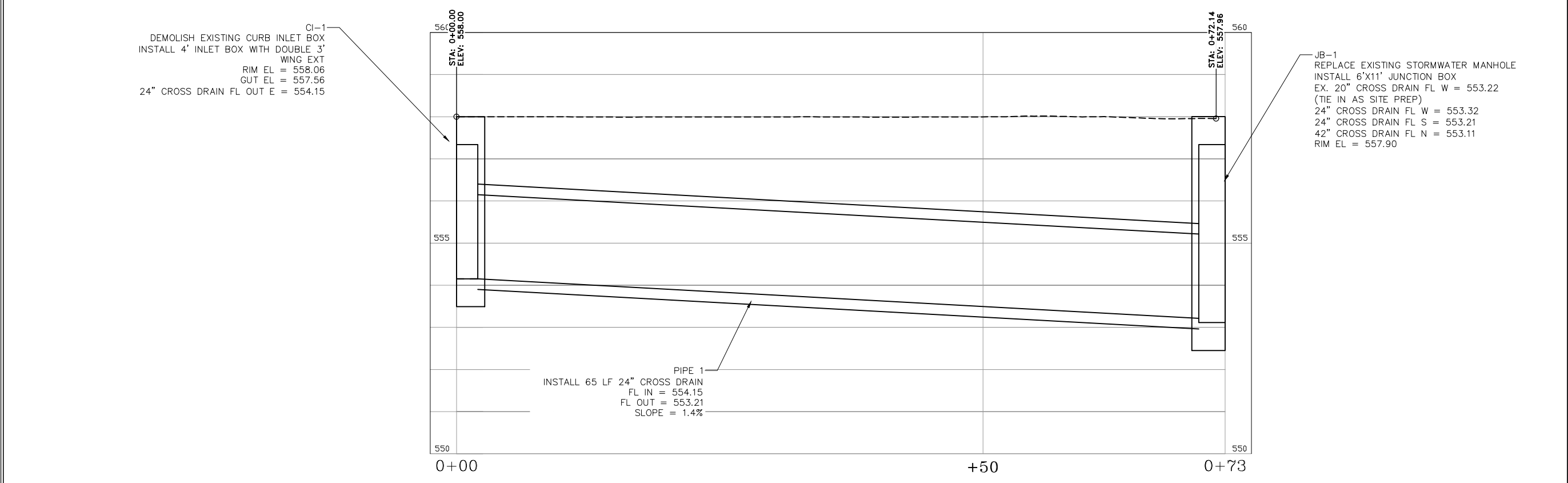


REVISIONS	DATE

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

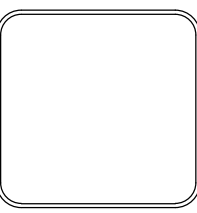
GRAPHIC SCALE  
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**ISSUED FOR CONSTRUCTION**



KAVANAUGH NORTH SIDE 1 DRAIN PROFILE

DEPARTMENT OF PUBLIC WORKS  
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<b>CHECKED</b>
<b>DATE</b> 8/23/2024
<b>SCALE</b> 1" = 10'
<b>PROJECT NO.</b> CLR 03-22-DR-31
<b>SHEET NO.</b> C5

KAVANAUGH PHARMACY  
5200 KAVANAUGH BLVD

CI-3  
DEMOLISH EX. CURB INLET BOX  
INSTALL 5'x8' CURB INLET BOX WITH 2-6' WING EXTENSIONS  
RIM = 557.67  
6" PVC FL IN FROM WEST  
42" CROSS DRAIN FL S = 552.76  
42" CROSS DRAIN FL E = 552.66

JB-2 (4'x5' CONFLICT BOX) -  
CROSSING WITH EXISTING  
SANITARY SEWER LINE  
BOTTOM EL SS PIPE = 554.42  
INSTALL 5'x5' CAST IN PLACE  
CONFLICT BOX. RIM=557.0(MATCH  
STREET GRADE)

STA 0+20 RELOCATE  
EXISTING WATERLINE.  
30" EST. BURY DEPTH  
FIELD VERIFY BURY DEPTH  
OF EXISTING WATERLINE

PIPE 5  
INSTALL 14 LF 42" CROSS DRAIN  
FL IN = 552.34  
FL OUT = 552.18  
SLOPE = 1.3%

PIPE 4  
INSTALL 21 LF 42" CROSS DRAIN  
FL IN = 552.66  
FL OUT = 552.40  
SLOPE = 1.3%

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

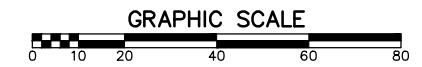
REPLACE  
SIDEWALK (335 SF)

CI-4  
DEMOLISH EXISTING CURB INLET BOX  
INSTALL 6'x6' CURB INLET BOX WITH  
2-6' WING EXTENSIONS  
RIM = 557.90  
42" CROSS DRAIN FL IN W = 552.18  
42" SIDE DRAIN FL OUT N = 552.08

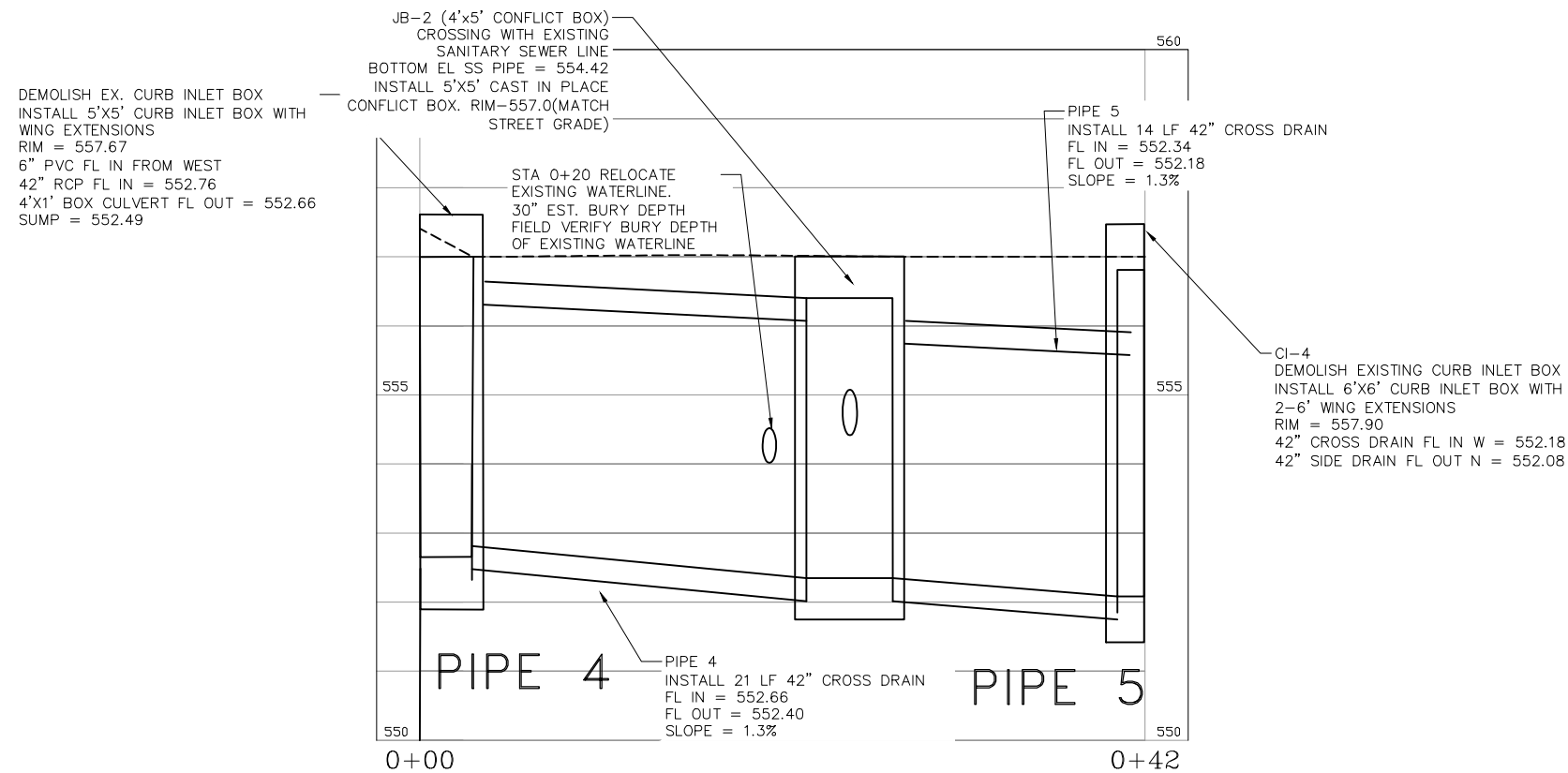
BANK OF AMERICA  
5120 KAVANAUGH BLVD

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



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NEWTON NORTH CROSS DRAIN PROFILE

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
#5201 KAVANAUGH BLVD DRAINAGE IMPROVEMENTS

PLAN & PROFILE SHEET (3)

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



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DATE

8/23/2024

SCALE

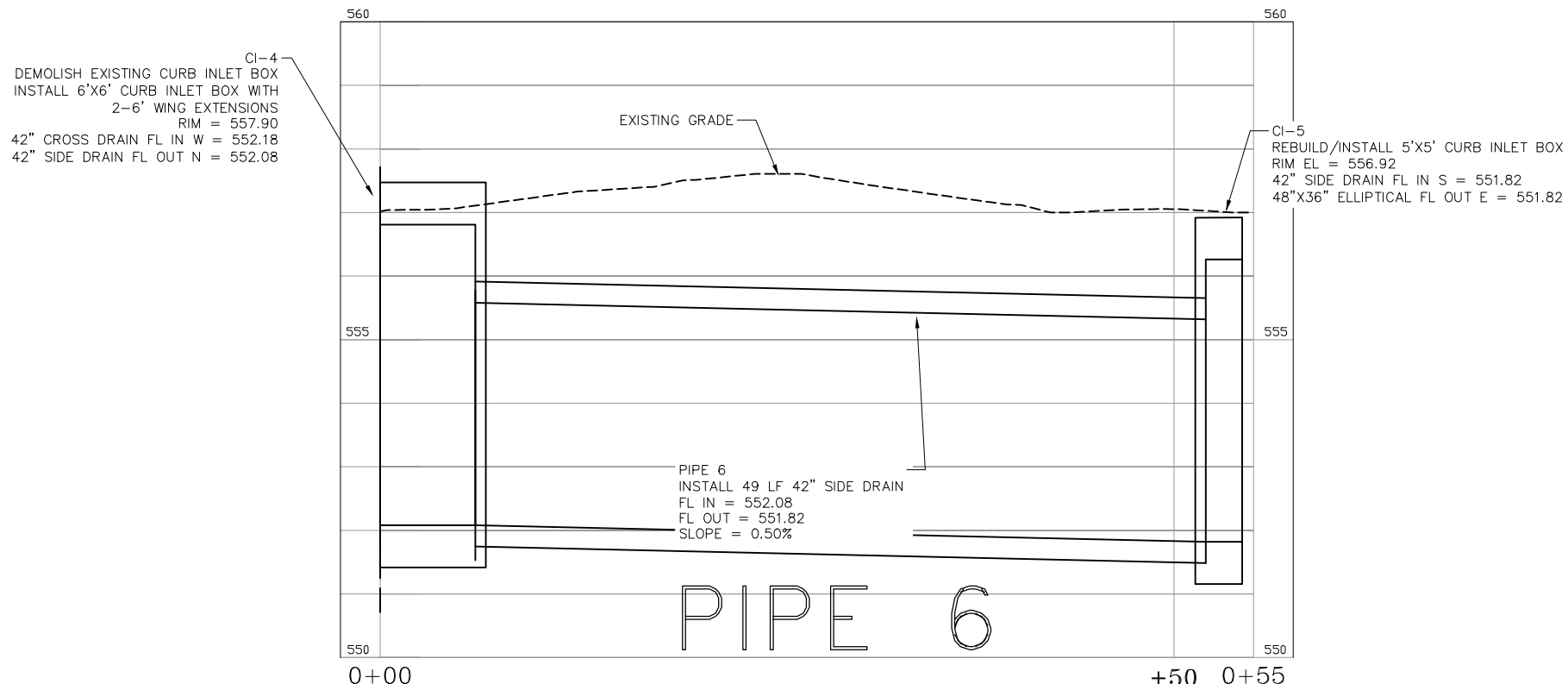
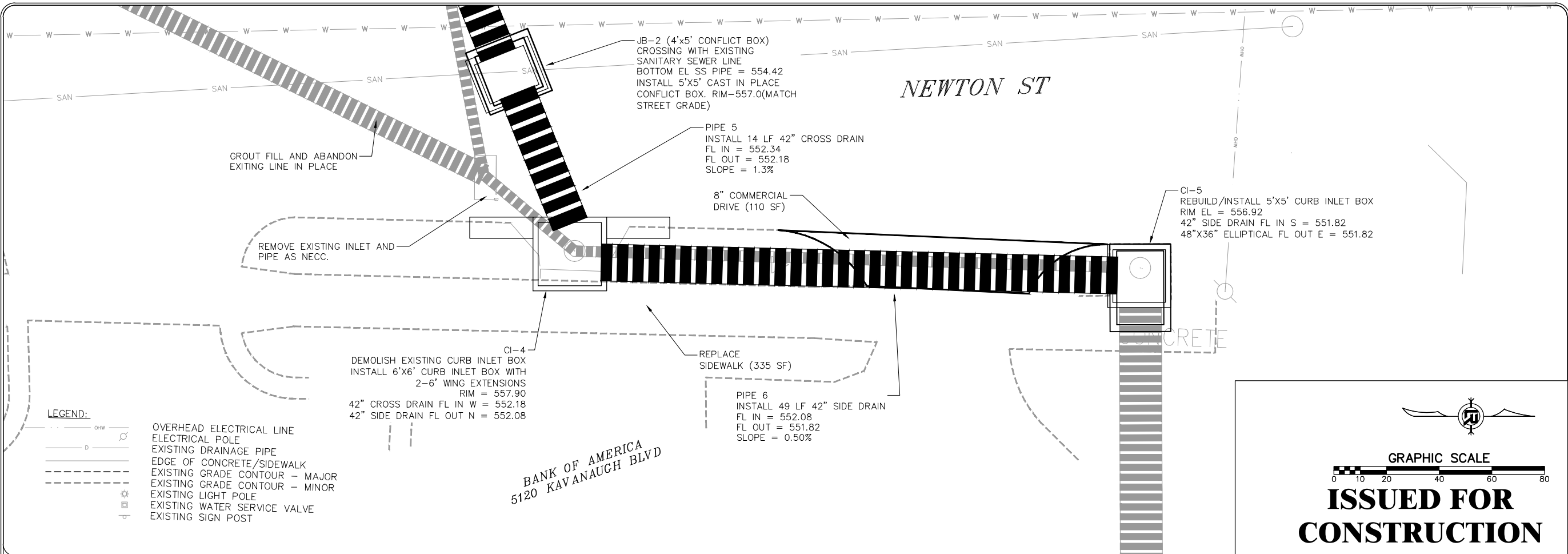
1" = 10'

PROJECT NO.

CLR 03-22-DR-31

SHEET NO.

C6



**NEWTON PARALLEL PROFILE**

REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**

**#5201 KAVANAUGH BLVD DRAINAGE IMPROVEMENTS**

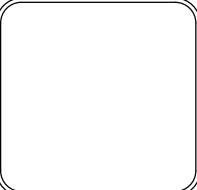
**PLAN & PROFILE SHEET (4)**

**DEPARTMENT OF PUBLIC WORKS**

**CIVIL ENGINEERING**

**701 W. MARKHAM**

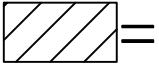
**LITTLE ROCK, ARKANSAS 72201**

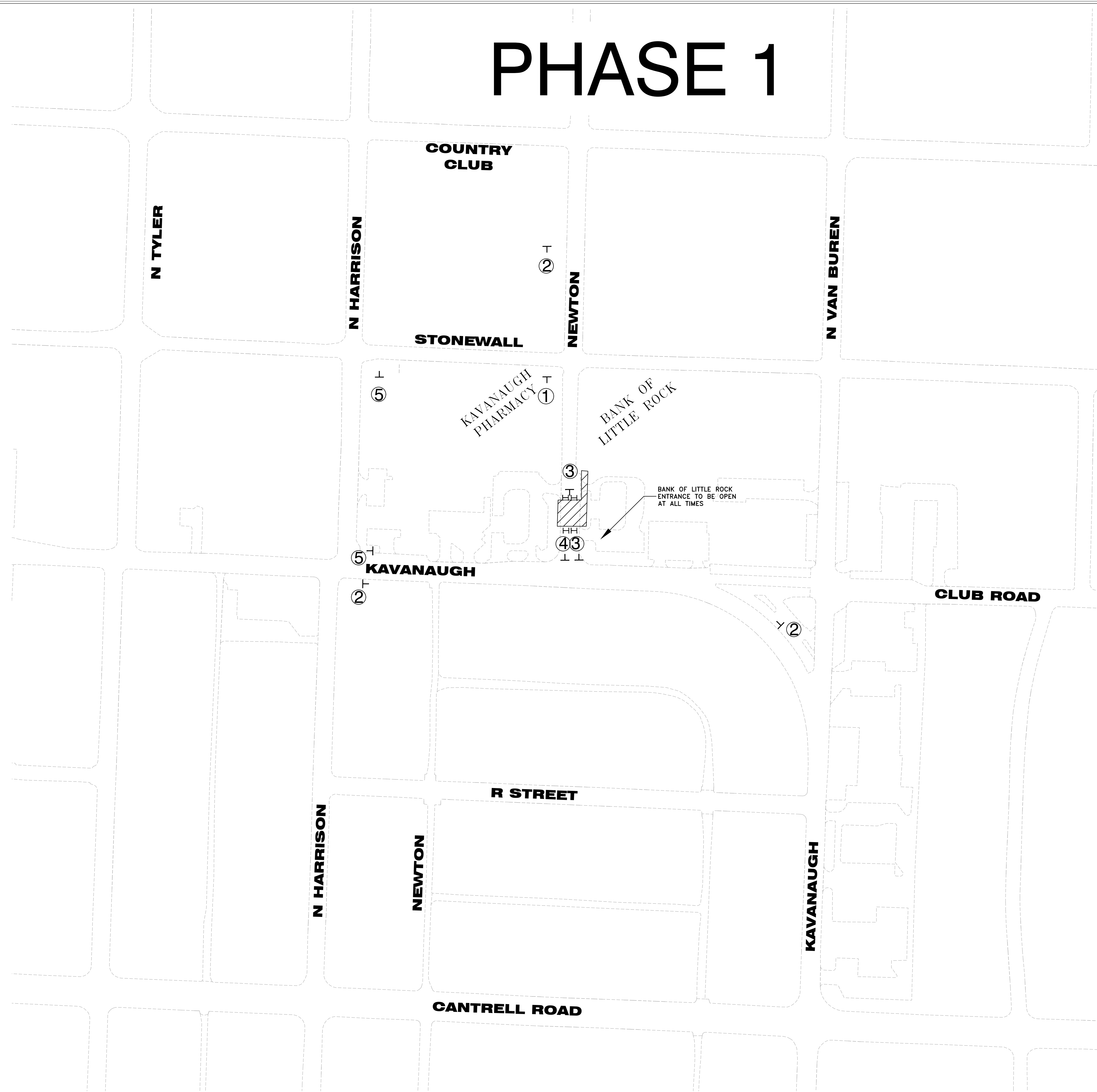


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<b>DESIGNED</b>
<b>CHECKED</b>
<b>DATE</b> 8/23/2024
<b>SCALE</b> 1" = 10'
<b>PROJECT NO.</b> CLR 03-22-DR-31
<b>SHEET NO.</b> C7

# PHASE 1

NOTE:  
 WESTBOUND KAVANAUGH TO REMAIN  
 OPEN AT ALL TIMES.  
 EASTBOUND TRAFFIC TO BE  
 DETOURED SOUTH ONTO HARRISON

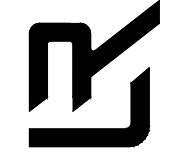
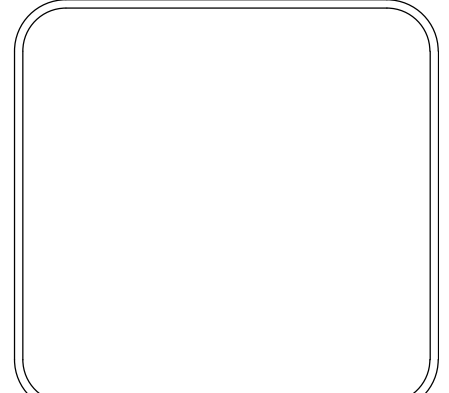
- ① = ROAD CLOSED (W20-3)
- ② = ROAD WORK AHEAD (W20-1)
- ③ = ROAD CLOSED (R11-2)
- ④ = DETOUR LEFT ARROW (W409L)
- ⑤ = DETOUR RIGHT ARROW (W4-9R)
- H = TYPE 1 BARRICADE
-  = WORK AREA



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 5201 KAVANAUGH DRAINAGE  
 MAINTENANCE OF TRAFFIC  
 PHASE 1

DEPARTMENT OF PUBLIC WORKS  
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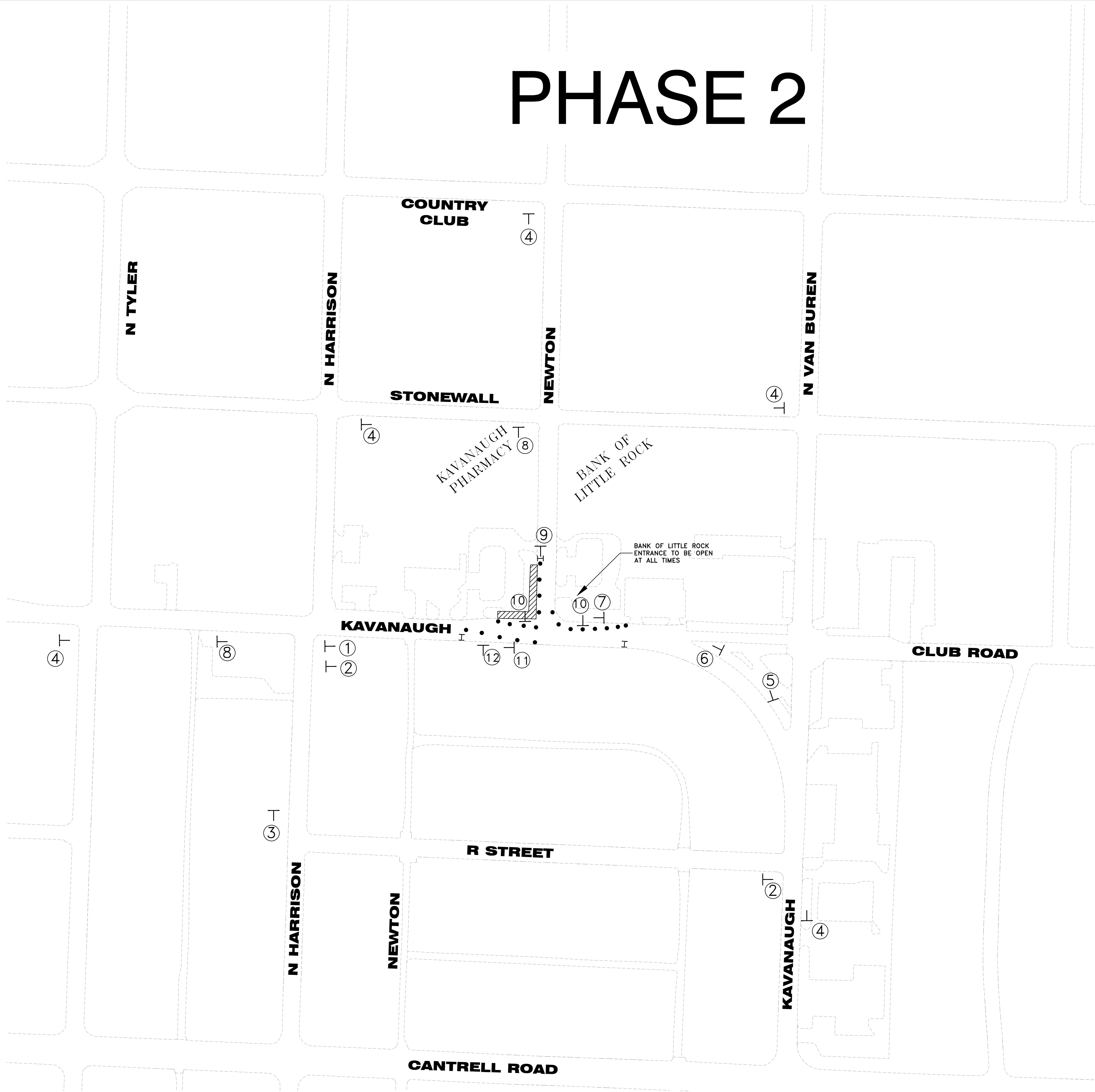



DRAWN BY
DESIGNED
CHECKED
DATE 09-05-2024
SCALE
PROJECT NO.
SHEET NO. C8



# PHASE 2

NOTE:  
 WESTBOUND KAVANAUGH TO REMAIN  
 OPEN AT ALL TIMES.  
 EASTBOUND TRAFFIC TO BE  
 DETOURED SOUTH ONTO HARRISON

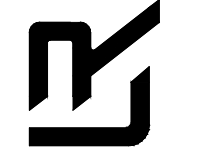


- ① = ROAD CLOSED TO THRU TRAFFIC (R11-4)
- ② = DETOUR RIGHT (W4-9R)
- ③ = DETOUR LEFT (W4-9L)
- ④ = ROAD WORK AHEAD (W20-1)
- ⑤ = RIGHT LANE CLOSED AHEAD (W20-5R)
- ⑥ = LANE MERGE LEFT SIGN (W4-2R)
- ⑦ = LEFT ARROW (W1-6L)
- ⑧ = ROAD CLOSED AHEAD (W20-3)
- ⑨ = ROAD CLOSED (R11-2)
- ⑩ = ONE WAY LEFT (R6-2L)
- ⑪ = RIGHT ARROW (W1-6R)
- ⑫ = ONE WAY RIGHT (R6-2R)
- H = TYPE 1 BARRICADE
- = CONES OR BARRELS
- ▨ = WORK AREA

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 5201 KAVANAUGH DRAINAGE  
 MAINTENANCE OF TRAFFIC  
 PHASE 2

DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
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 LITTLE ROCK, ARKANSAS 72201

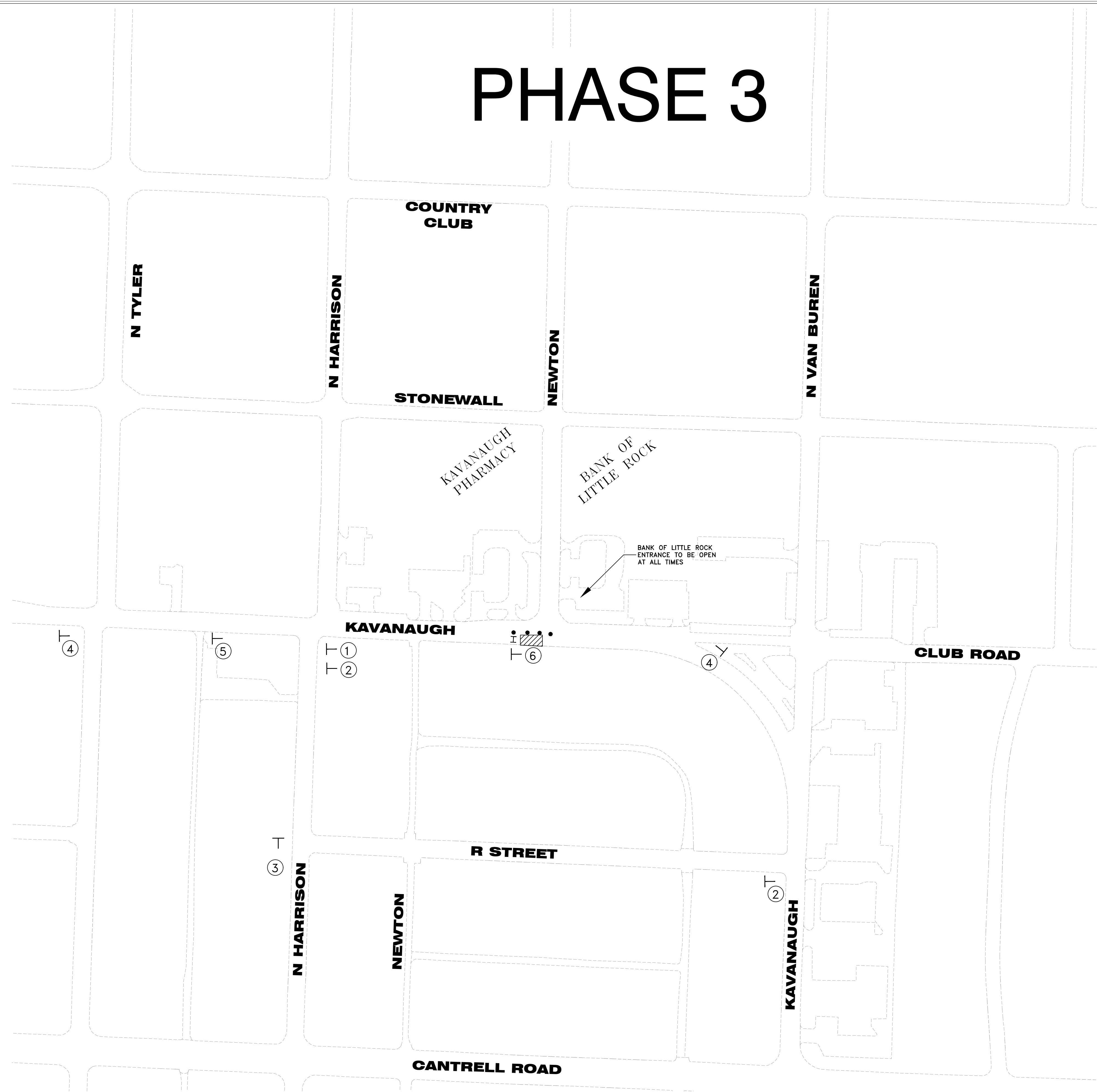


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DESIGNED
CHECKED
DATE 09-05-2024
SCALE
PROJECT NO.
SHEET NO. C9

# PHASE 3

NOTE:  
 WESTBOUND KAVANAUGH TO REMAIN  
 OPEN AT ALL TIMES.  
 EASTBOUND TRAFFIC TO BE  
 DETOURED SOUTH ONTO HARRISON


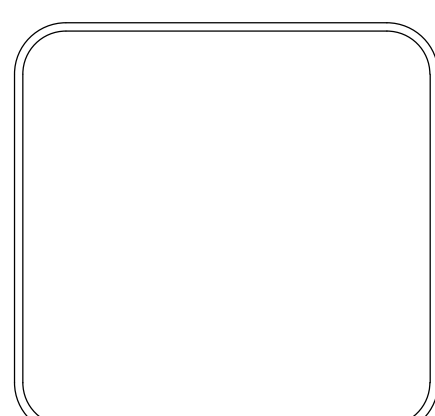
- ① = ROAD CLOSED TO THRU TRAFFIC (R11-4)
- ② = DETOUR RIGHT (W4-9R)
- ③ = DETOUR LEFT (W4-9L)
- ④ = ROAD WORK AHEAD (W20-1)
- ⑤ = ROAD CLOSED AHEAD (W20-3)
- ⑥ = ROAD CLOSED (R11-2)
- H = TYPE 1 BARRICADE
- = CONES OR BARRELS
- ▨ = WORK AREA



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 5201 KAVANAUGH DRAINAGE  
 MAINTENANCE OF TRAFFIC  
 PHASE 3

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

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DESIGNED
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DATE 09-05-2024
SCALE
PROJECT NO.
SHEET NO. C10