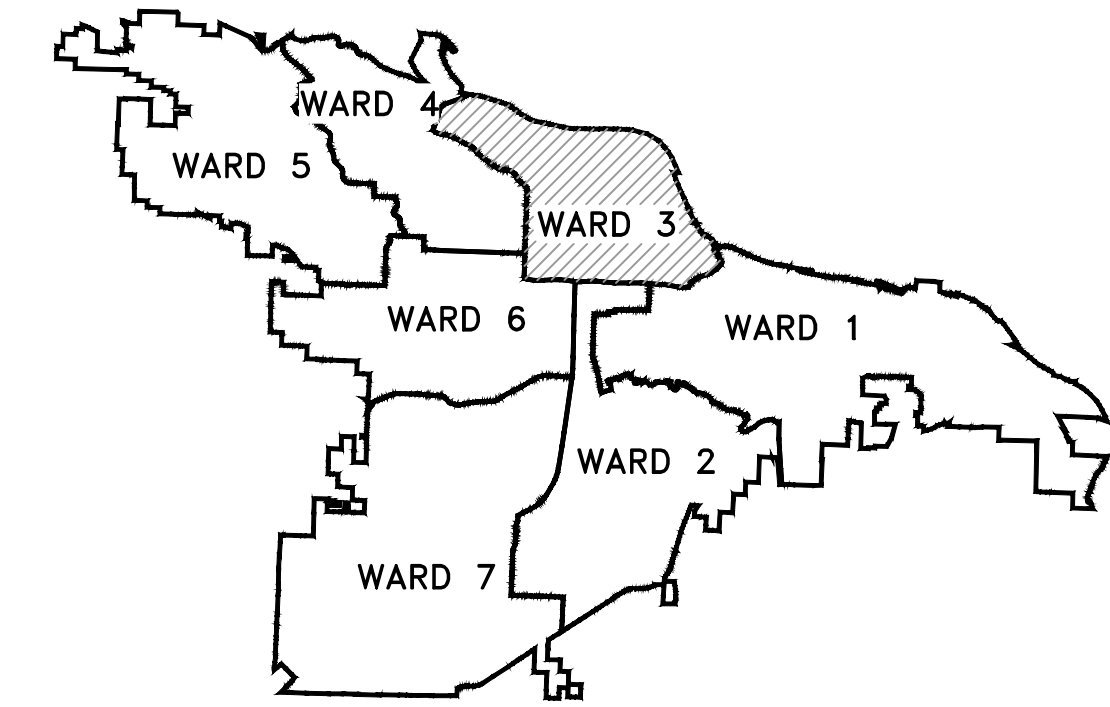


CLR PROJECT 05-20-DR-108

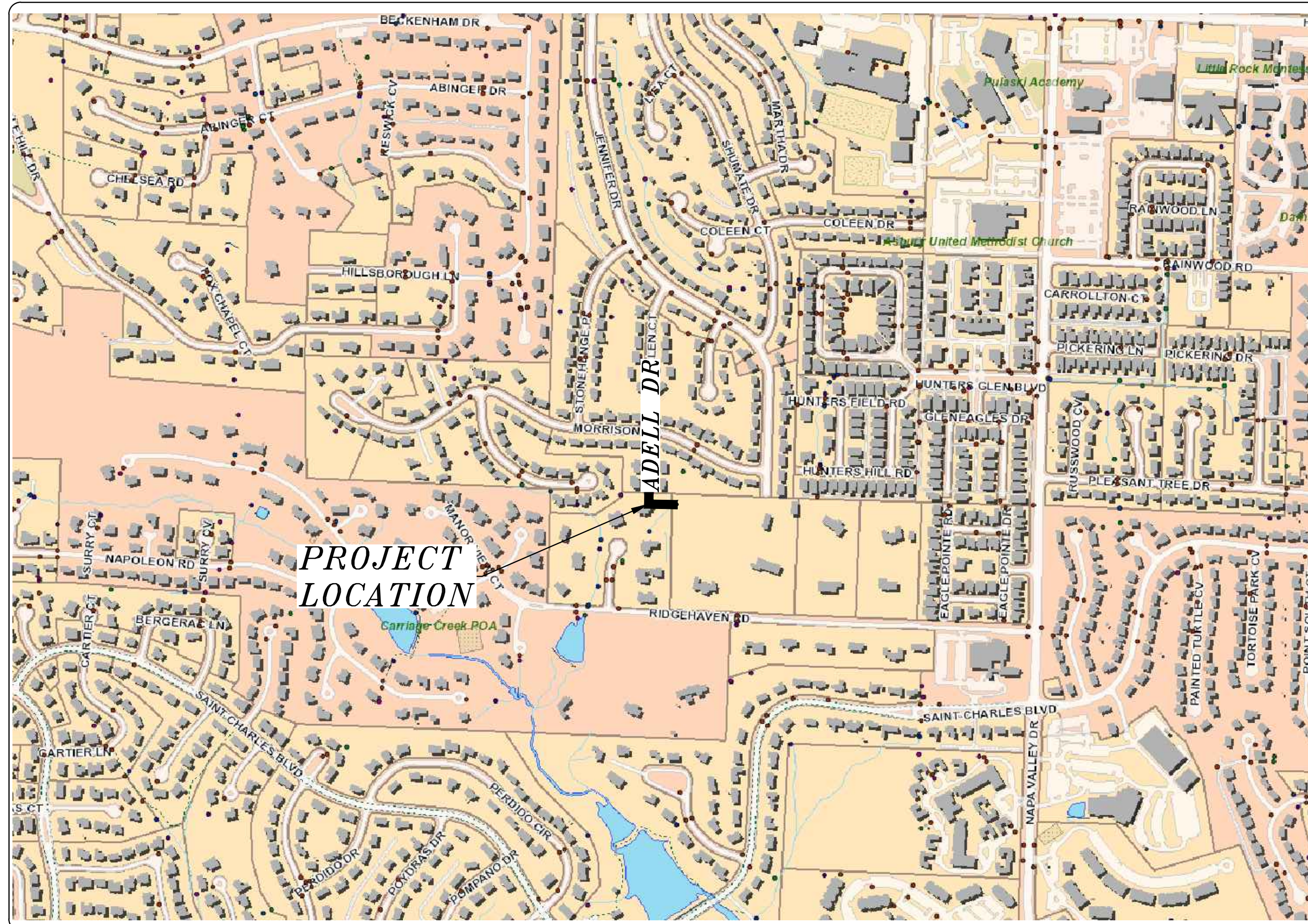
ADELL DRIVE

DRAINAGE IMPROVEMENTS

LITTLE ROCK, ARKANSAS



PROJECT LOCATION – WARD 1



| SHEET NO. | TITLE |
|-----------|----------------------------------------|
| C1 | COVER SHEET |
| C2 | LEGEND & QUANTITIES |
| C3 | EXISTING CONDITIONS |
| C4 | PLAN & PROFILE- STA. 0+00 TO STA. 1+51 |
| C5 | CROSS SECTIONS STA. 0+00 TO STA. 1+51 |
| C6 | DRAINAGE PLAN |
| C7 | EROSION CONTROL PLAN |



2023-2025
BOND PROGRAM

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



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Call before you dig.



13000 CANTRELL ROAD
LITTLE ROCK, AR 72223
PHONE 501-975-8100
WWW.ECCI.COM

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| | |

CITY OF LITTLE ROCK, ARKANSAS
ADELL DRIVE DRAINAGE IMPROVEMENTS
COVER SHEET

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



| |
|---------------------------|
| DRAWN BY JJ |
| DESIGNED KP |
| CHECKED KP |
| DATE 08.06.24 |
| SCALE NTS |
| PROJECT NO. 3-22-DR-10 |
| SHEET NO. C1 |

| REVISIONS | DATE |
|-----------|----------|
| REV 1 | 10.01.24 |

SUMMARY OF QUANTITIES

| ITEM # | ITEM DESCRIPTION | UNIT | QUANTITY |
|---------|------------------------------------------------------------------|------|----------|
| 2.01 | SITE PREPARATION (INCLUDES REMOVAL OF ROAD DEBRIS AND TREES) | L.S. | 1 |
| 3.04 | SELECT FILL MATERIAL (TO COVER END OF PIPE-01 AS NEEDED) | C.Y. | 5 |
| 7.04 | CONCRETE DRIVEWAY (4" THICK), STANDARD FINISH (FOR END OF ADELL) | S.F. | 284 |
| 8.01 | CONCRETE CURB AND GUTTER (SPECIAL) | L.F. | 30 |
| 10.01 | JUNCTION BOX (4') | EA. | 1 |
| 10.04 | CURB INLET - 4' BOX | EA. | 1 |
| 10.07 | WING 3' EXTENSION | EA. | 2 |
| 13.18S | STORM DRAIN PIPE, 18" (SIDE) | L.F. | 124 |
| 14.01 | SOLID SODDING, BERMUDA (INCLUDES TOPSOIL) | SY | 44 |
| 15.40 | RELOCATE/REPAIR EXISTING SPRINKLER SYSTEM | L.S. | 1 |
| 18.01 | REMOVE AND REPLACE FENCE- WOODEN PRIVACY W/GATE | LF | 20 |
| 18.45 | RIPRAP (GROUTED) | C.Y. | 2 |
| 18.55 | WATER FOR DUST CONTROL | GAL | 50 |
| 19.01 | FINAL CLEANUP | L.S. | 1 |
| 24.06 | SEDIMENT BARRIER, SILT FENCE (SD1) | EA. | 1 |
| 24.09 | SEDIMENT BARRIER, BLOCK (SD4) | EA. | 1 |
| 24.11 | SILT FENCE - TYPE A (SFA) | L.F. | 205 |
| 24.16 | DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION (TS1) | AC. | 1 |
| 26.10 | TRENCH AND EXCAVATION SAFETY | L.S. | 1 |
| 606.24C | FLARED END SECTION 24" | EA. | 1 |

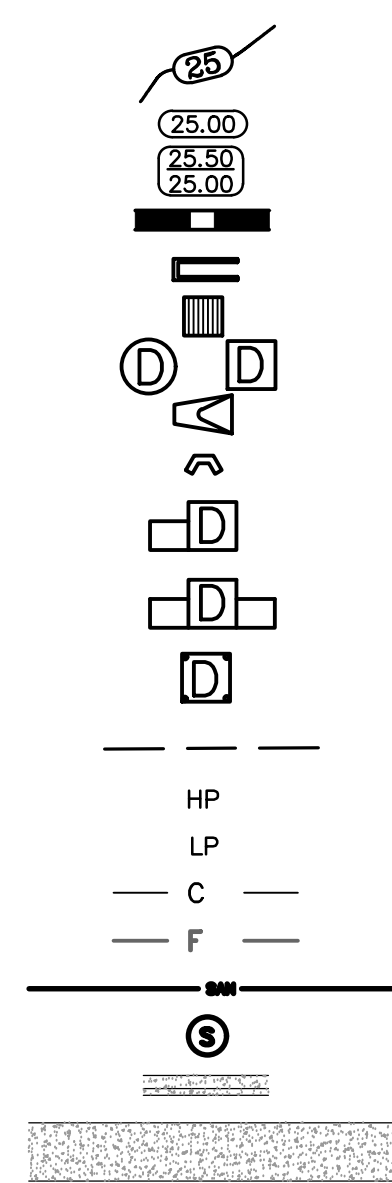
ALL ITEMS ARE COMPLETE IN PLACE

EXISTING

- IRON ROD ○ IR
- PK NAIL ○ PK
- R.R. SPIKE ○ RR(Sp)
- CONC. MONUMENT □ CM
- WATER VALVE X WV
- WATER METER □ WM
- FIRE HYDRANT ◊ FHH
- GAS METER □ GM
- GAS VALVE ⊗ GV
- CLEAN-OUT ○ CO
- GUARD POST (BOLLARD) ● GP
- SIGN POST —
- BENCHMARK —
- STORM SEWER MANHOLE (D)
- SANITARY SEWER MANHOLE (S)
- TELEPHONE MANHOLE (T)
- ELECTRIC MANHOLE (E)
- 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 (— X — X —)
- OVERHEAD UTILITY (— OHP — OHP —)
- UNDERGROUND TELEPHONE (— UGT — UGT — UGT —)
- UNDERGROUND ELECTRIC (— UGE — UGE — UGE —)
- WATER LINE (— 8"W — 8"W — 8"W —)
- SEWER LINE (— SAN —)
- GAS LINE (— GAS — GAS — GAS —)
- STORM SEWER/CULVERT (— 24" CMP/RCP/DIP —)
- CONTOUR LINE (— 650 —)

PROPOSED

- CONTOUR (25.00)
- SPOT ELEVATION (25.50)
- SPOT CURB ELEVATION (25.00)
- 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 (HP)
- LOW POINT (LP)
- CUT LINE (— C —)
- FILL LINE (— F —)
- SANITARY SEWER PIPE
- SANITARY SEWER MANHOLE (S)
- 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 — TEMPORARY STABILIZATION (TS1)
- DISTURBED AREA STABILIZATION — TEMPORARY GRASSING (TS2)
- DISTURBED AREA STABILIZATION — PERMANENT GRASSING (TS3)
- MATTING/BLANKETS (Mb)



CITY OF LITTLE ROCK, ARKANSAS
ADELL DRIVE DRAINAGE IMPROVEMENTS
LEGEND & QUANTITIES

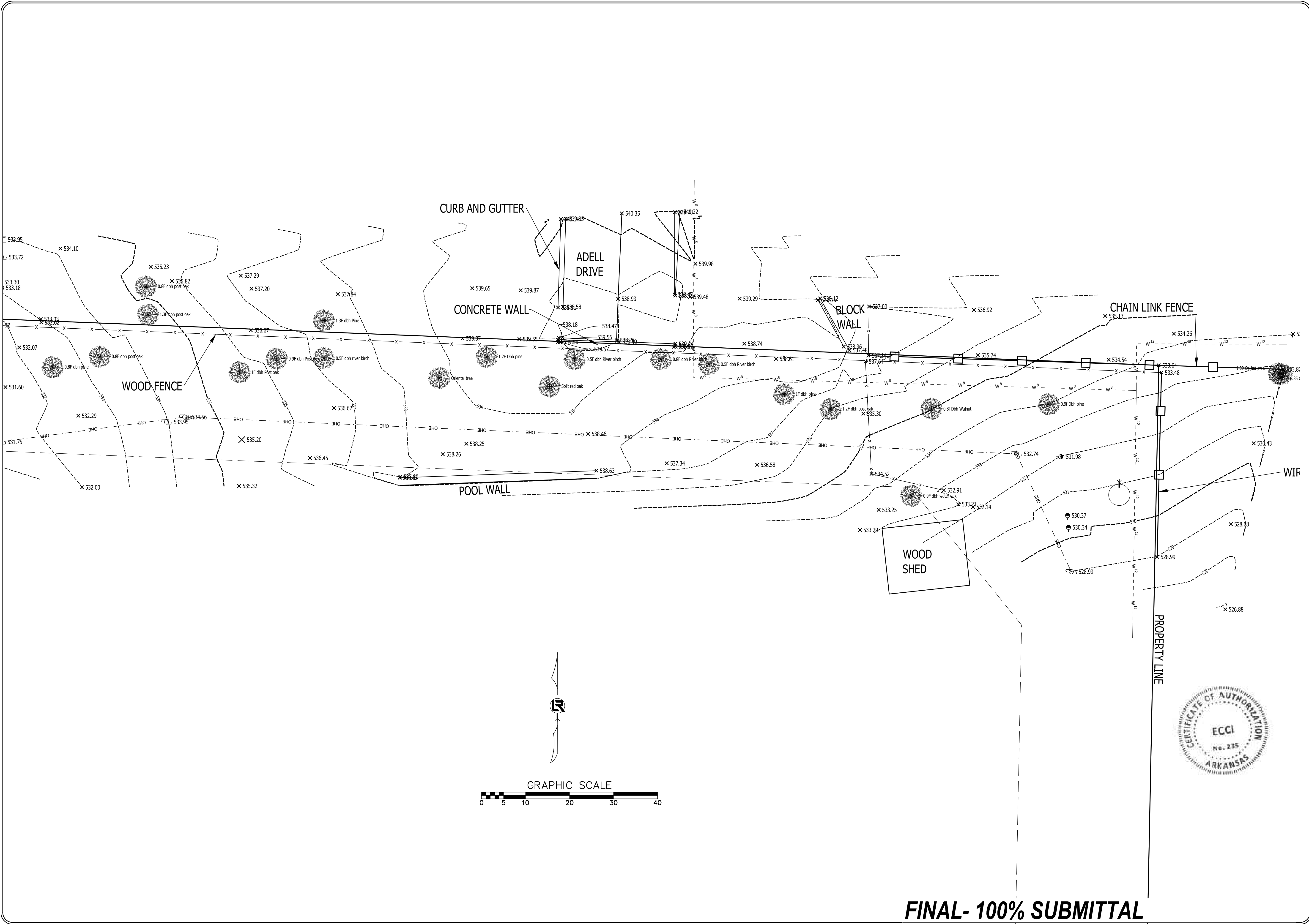
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

REGISTERED PROFESSIONAL ENGINEER
 10.31.24

DRAWN BY
 JJ
DESIGNED
 KP
CHECKED
 KP
DATE
 08.21.24
SCALE
 NTS
PROJECT NO.
 05-20-DR-108
SHEET NO.
 C2

FINAL- 100% SUBMITTAL

| REVISIONS | DATE |
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CITY OF LITTLE ROCK, ARKANSAS
ADELL DR. DRAINAGE IMPROVEMENT
EXISTING CONDITIONS

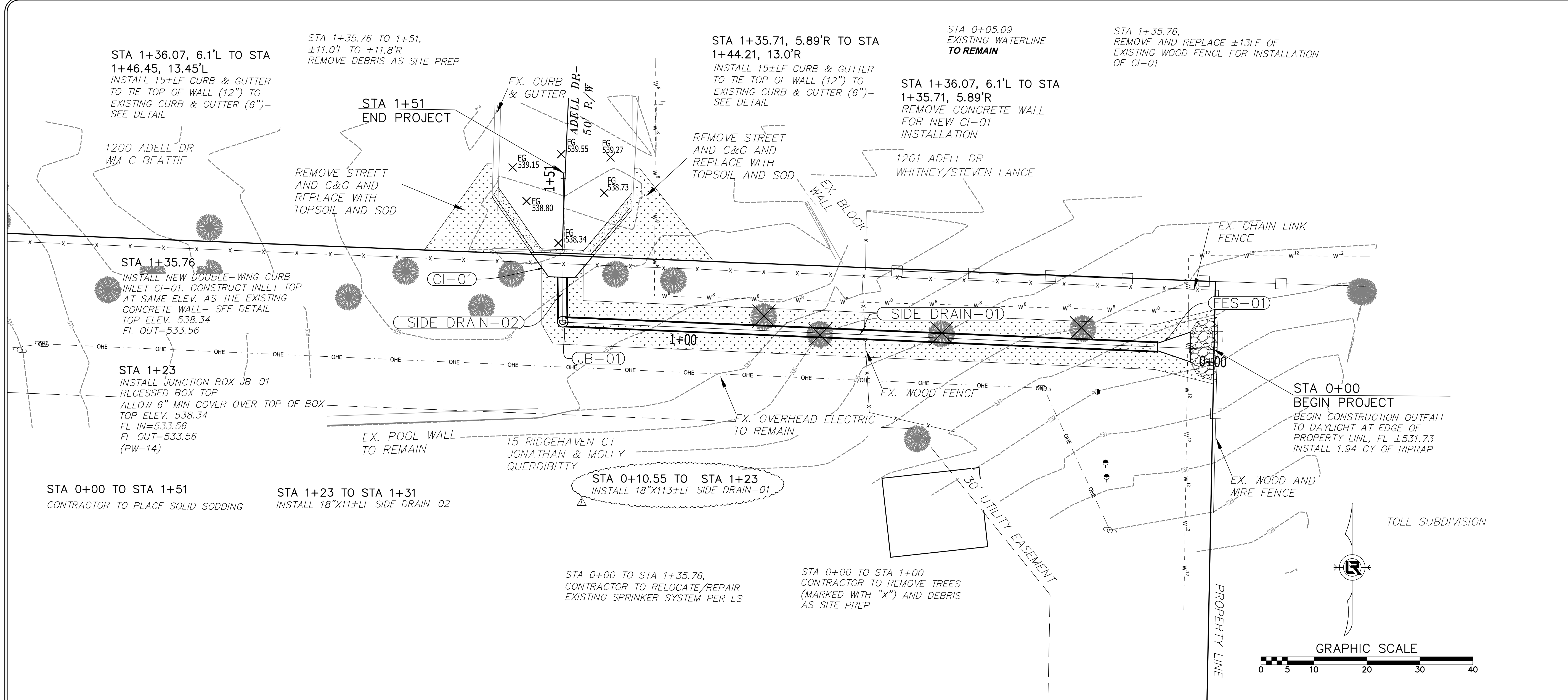
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CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



| |
|--------------------------------|
| DRAWN BY KP |
| DESIGNED KP |
| CHECKED DA |
| DATE 08.20.24 |
| SCALE 1"=10' H |
| PROJECT NO. CLR 5-20-DR-108 |
| SHEET NO. C3 |

FINAL- 100% SUBMITTAL

| REVISIONS | DATE |
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| REV 1 | 10.01.24 |

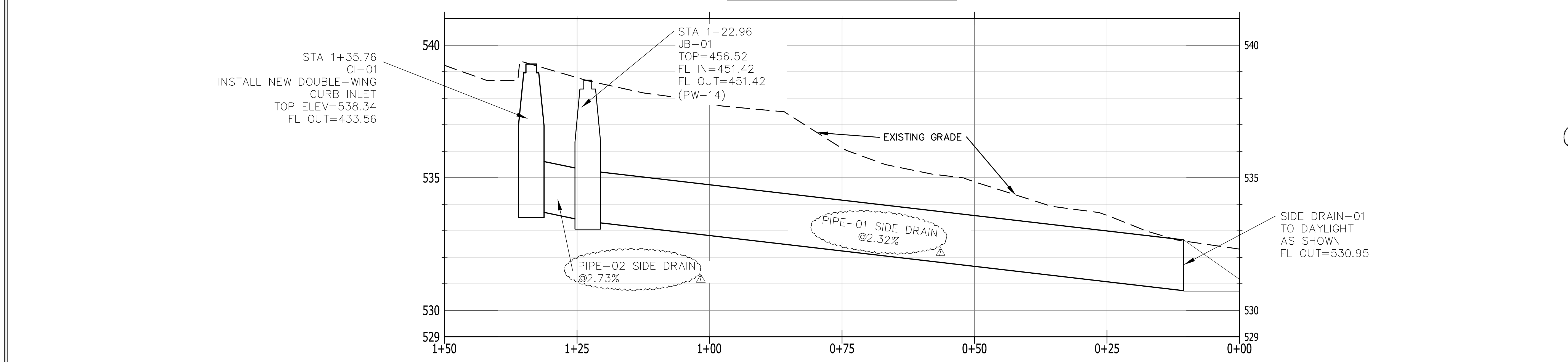


CITY OF LITTLE ROCK, ARKANSAS
ADELL DR. DRAINAGE IMPROVEMENT
PLAN & PROFILE STA. 0+00 TO STA. 1+51

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

REGISTERED PROFESSIONAL ENGINEER
MOONEY BREWER
10.31.24

DRAWN BY
KP
DESIGNED
KP
CHECKED
DA
DATE
08.21.24
SCALE
1"=10' H, 1"=5' V
PROJECT NO.
CLR 5-20-DR-108
SHEET NO.
C4



FINAL- 100% SUBMITTAL

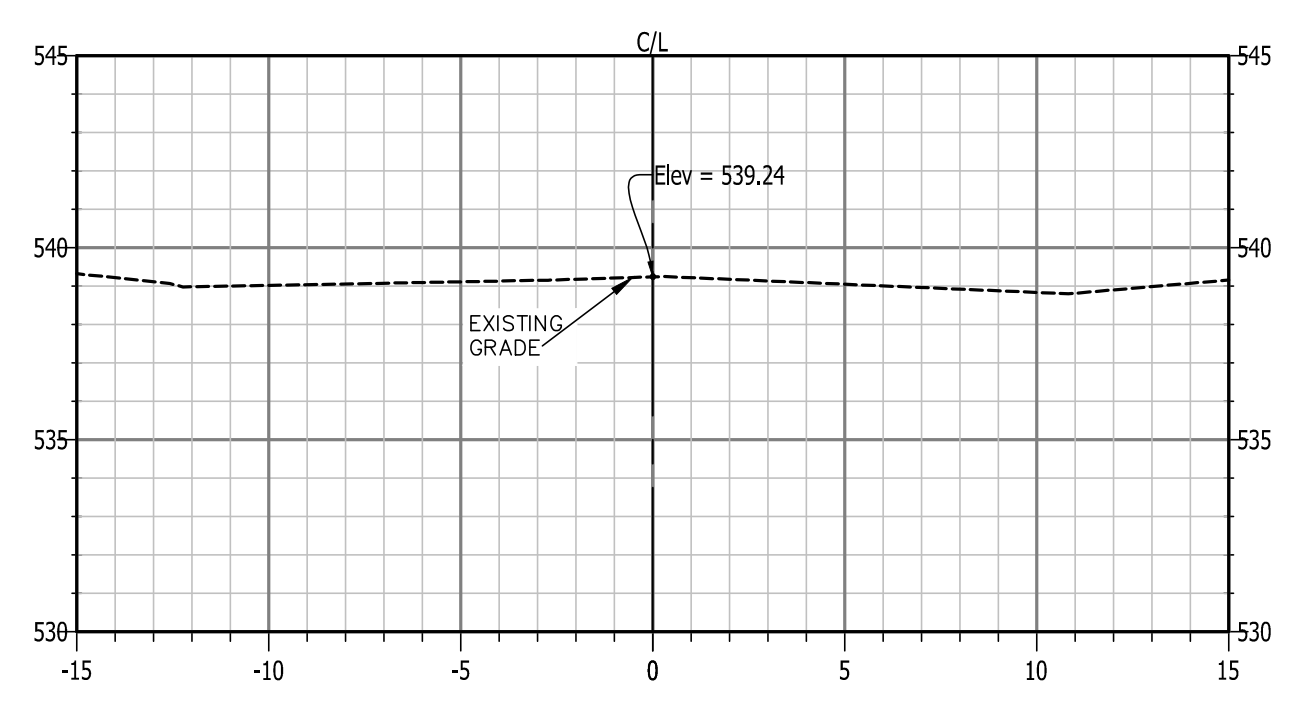
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CITY OF LITTLE ROCK, ARKANSAS
ADELL DR. DRAINAGE IMPROVEMENT
CROSS SECTIONS STA. 0+00 TO STA. 1+51

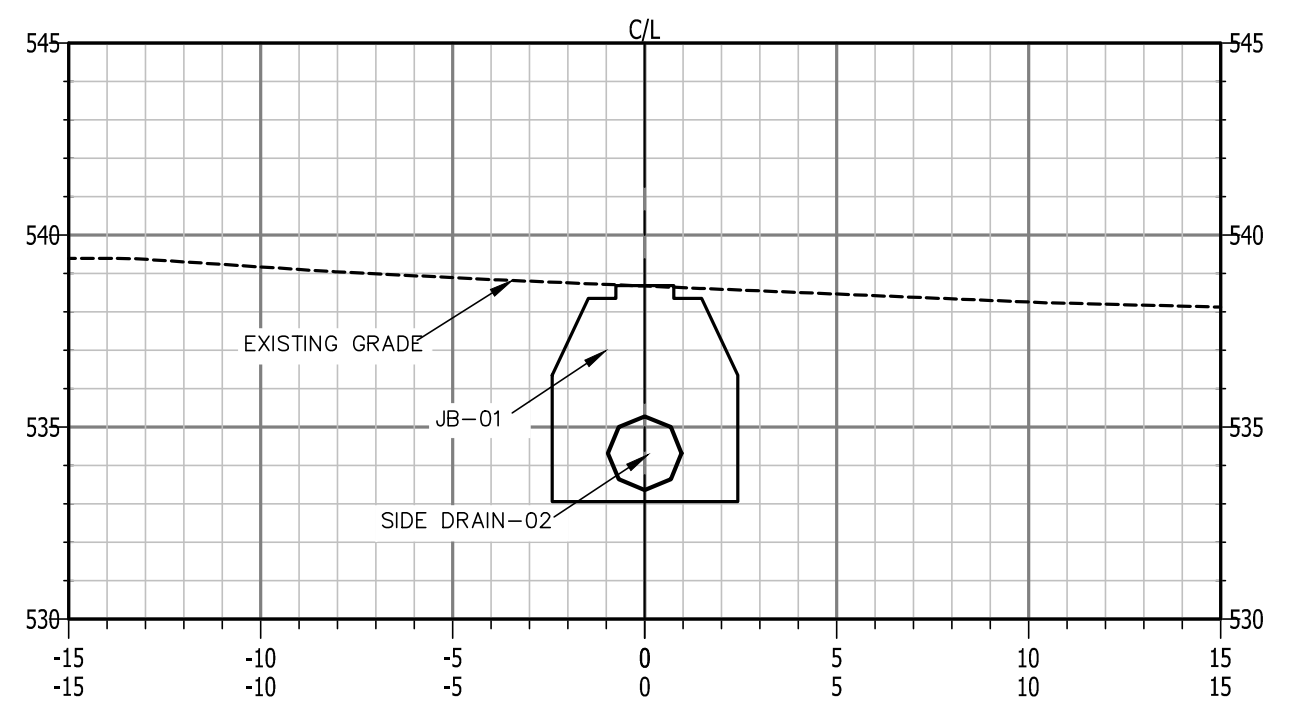
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LITTLE ROCK, ARKANSAS 72201



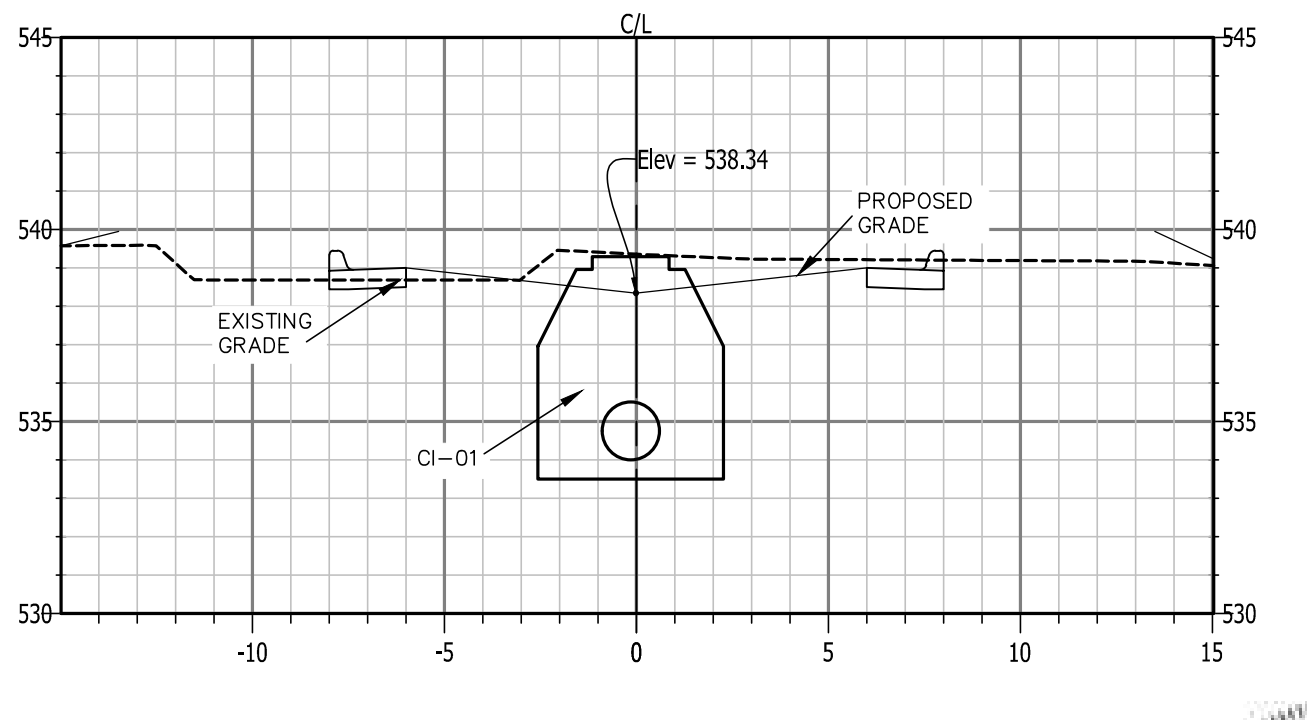
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KP
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KP
CHECKED
DA
DATE
08.21.24
SCALE
1"=5'
PROJECT NO.
CLR 5-20-DR-108
SHEET NO.
C5



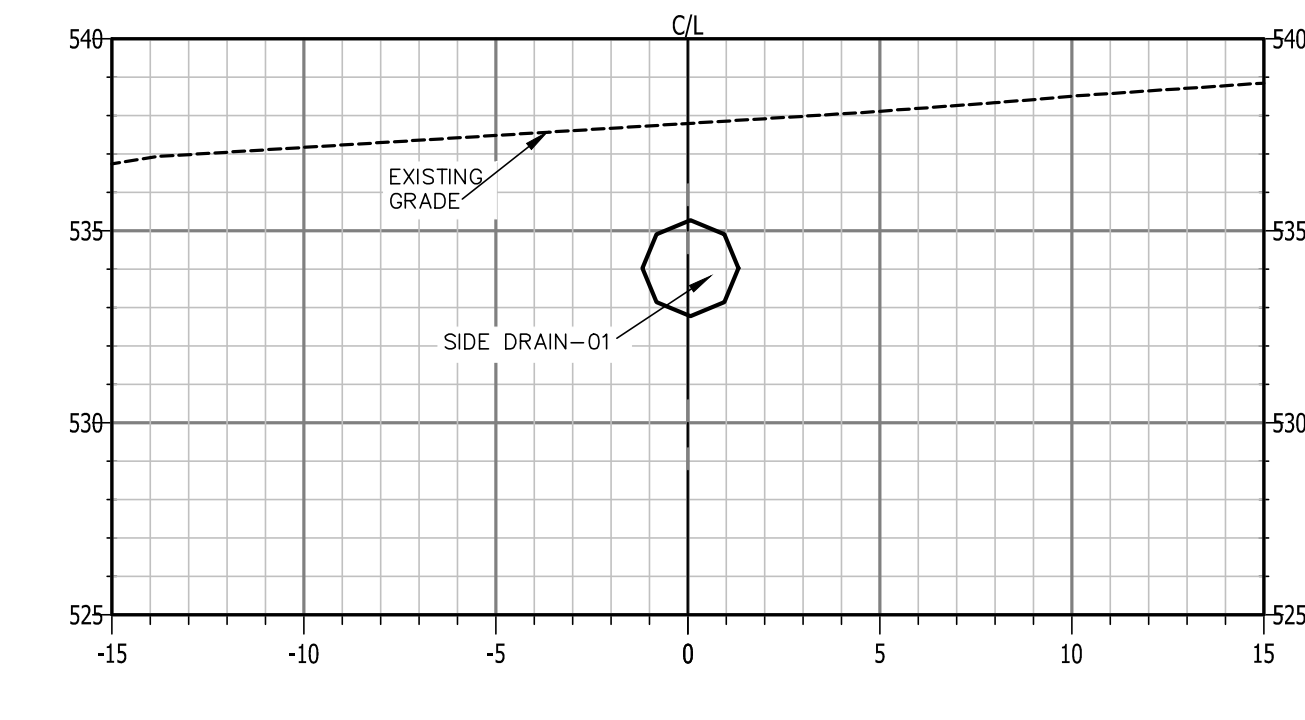
1+50



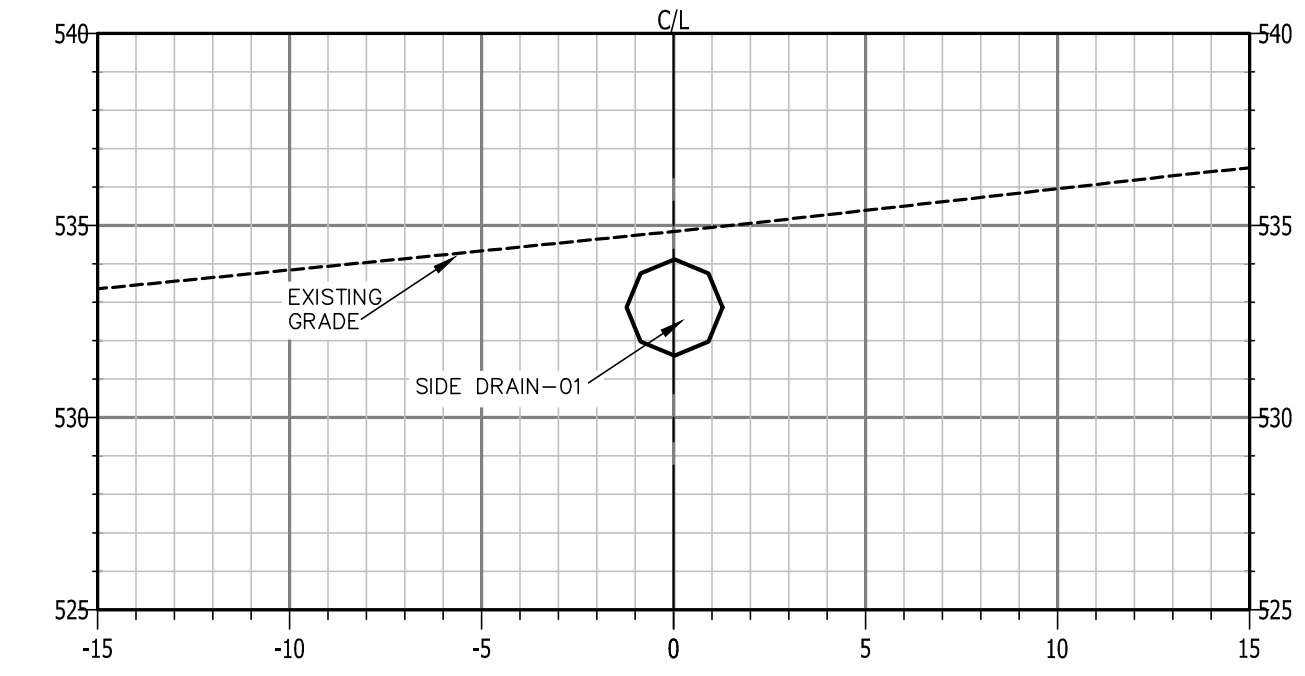
1+23.20



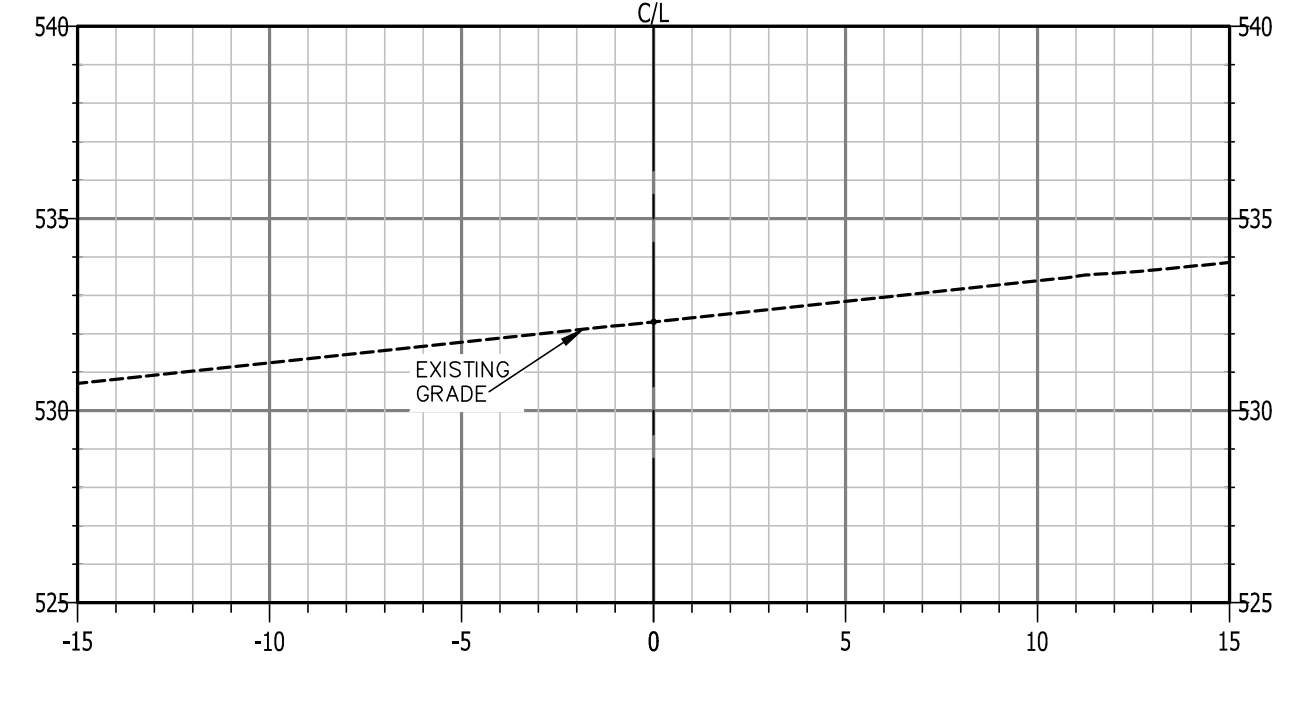
1+34.94



1+00



0+50

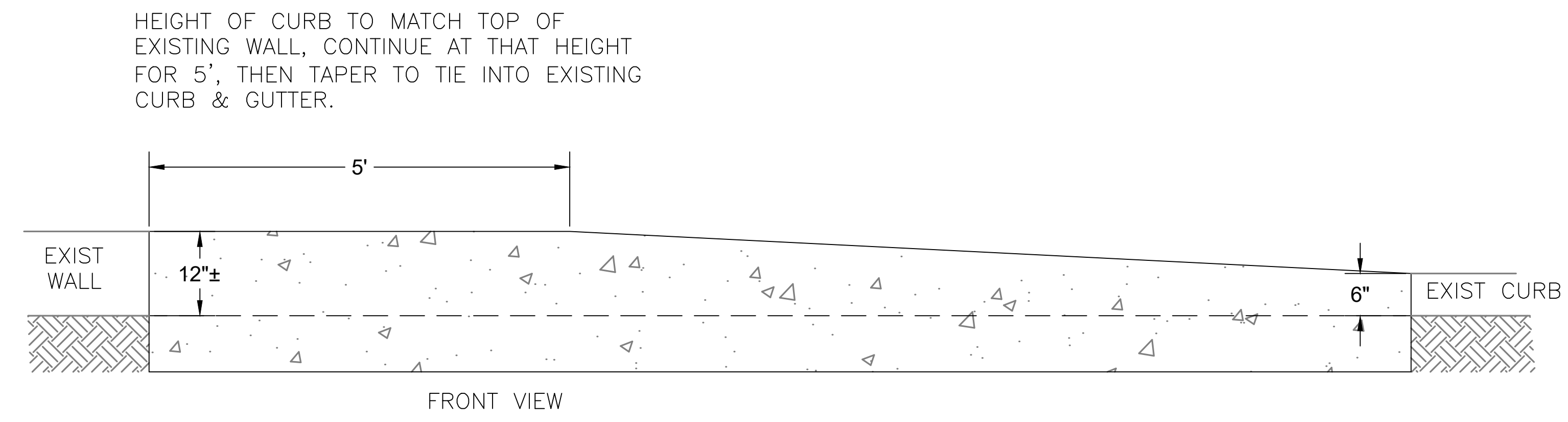
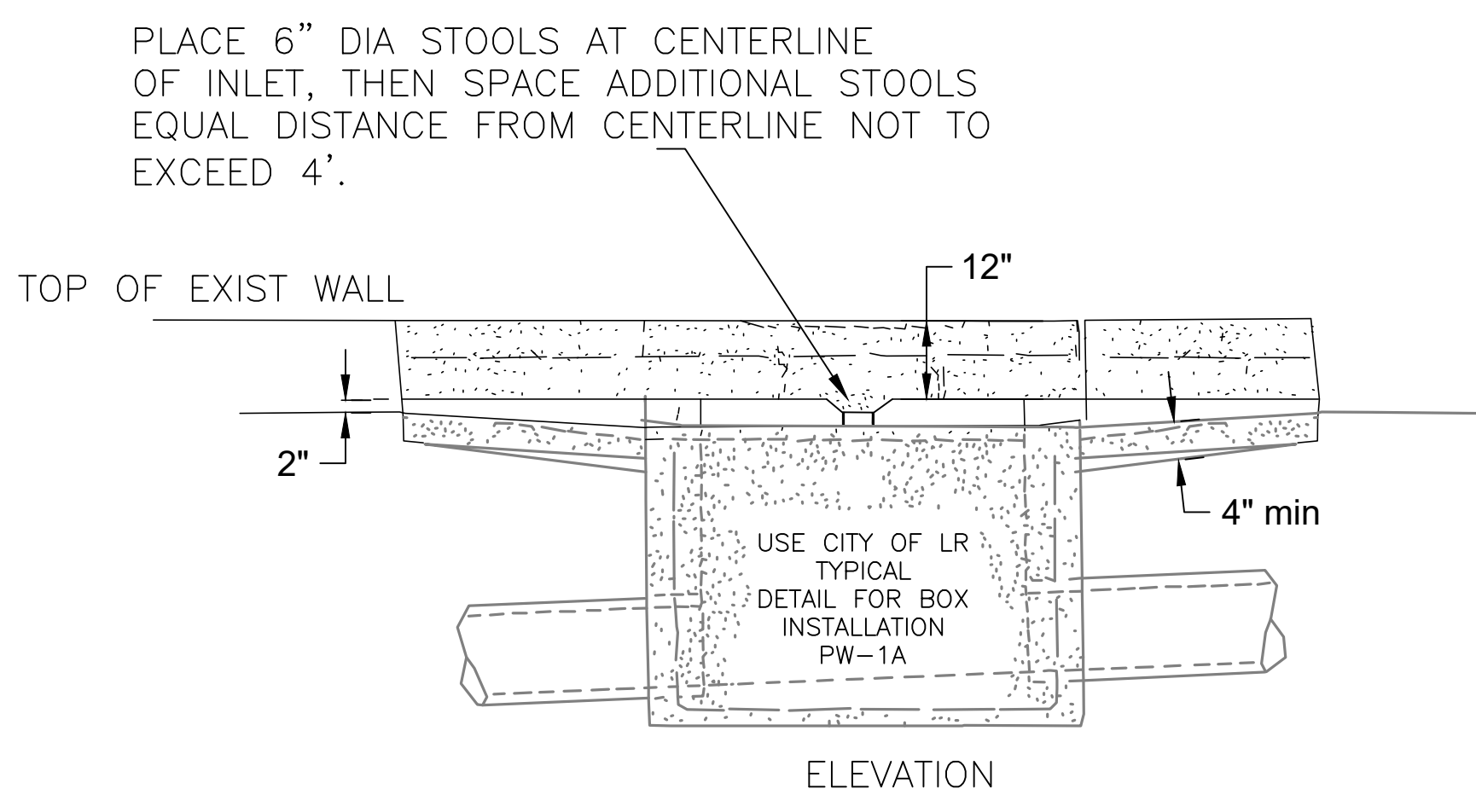
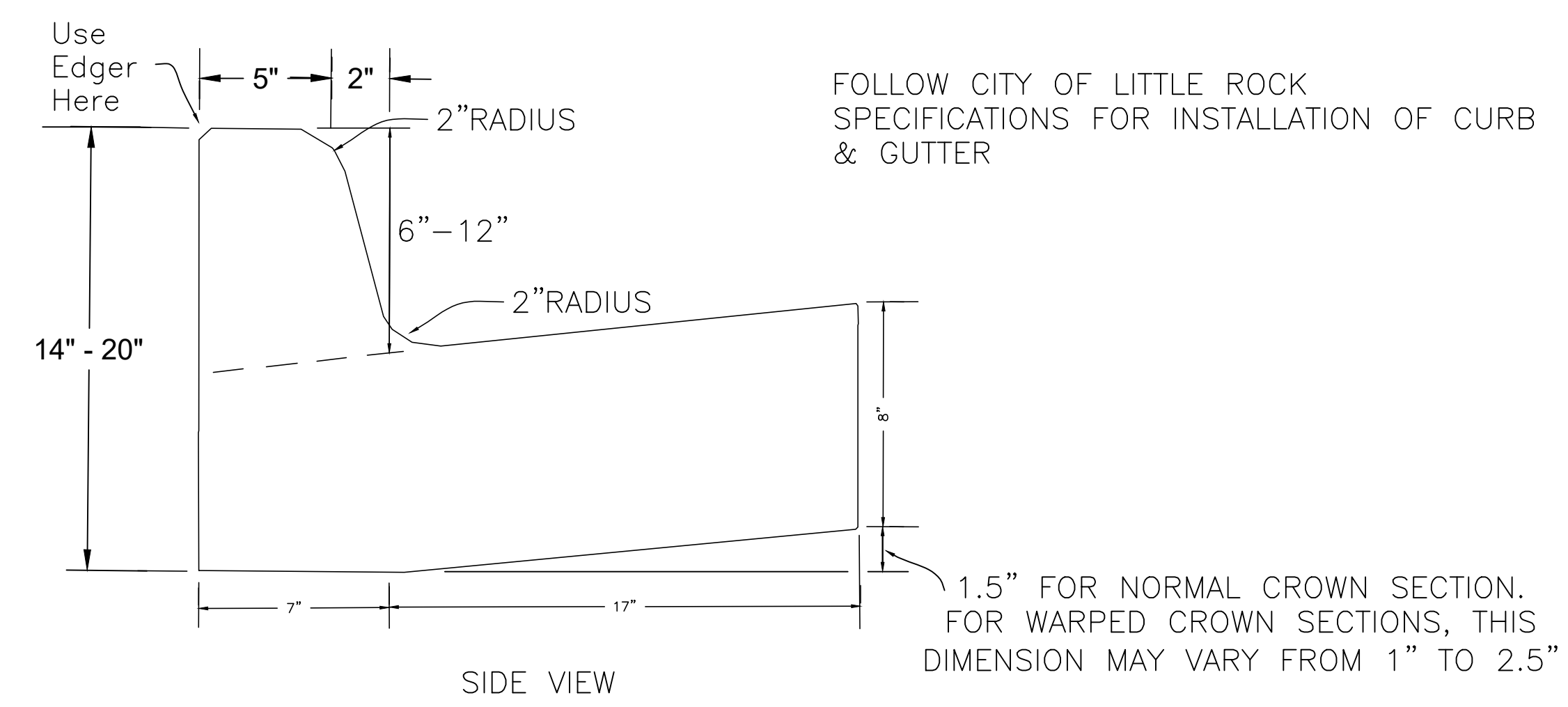
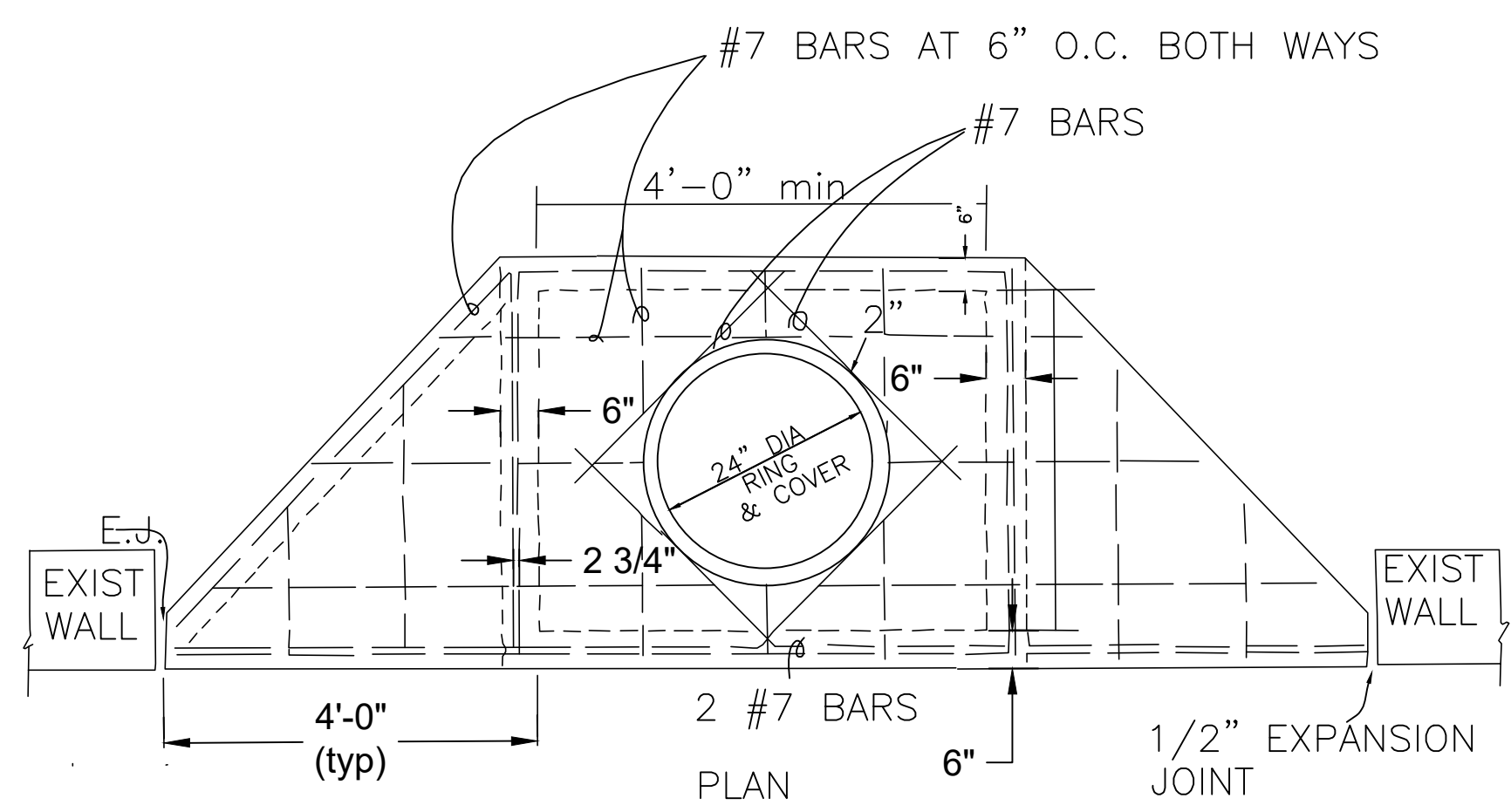


0+00

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| REVISIONS | DATE |
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CITY OF LITTLE ROCK, ARKANSAS
ADELL DR. DRAINAGE IMPROVEMENT
DETAILS



CURB INLET DETAIL

SPECIAL CURB DETAIL

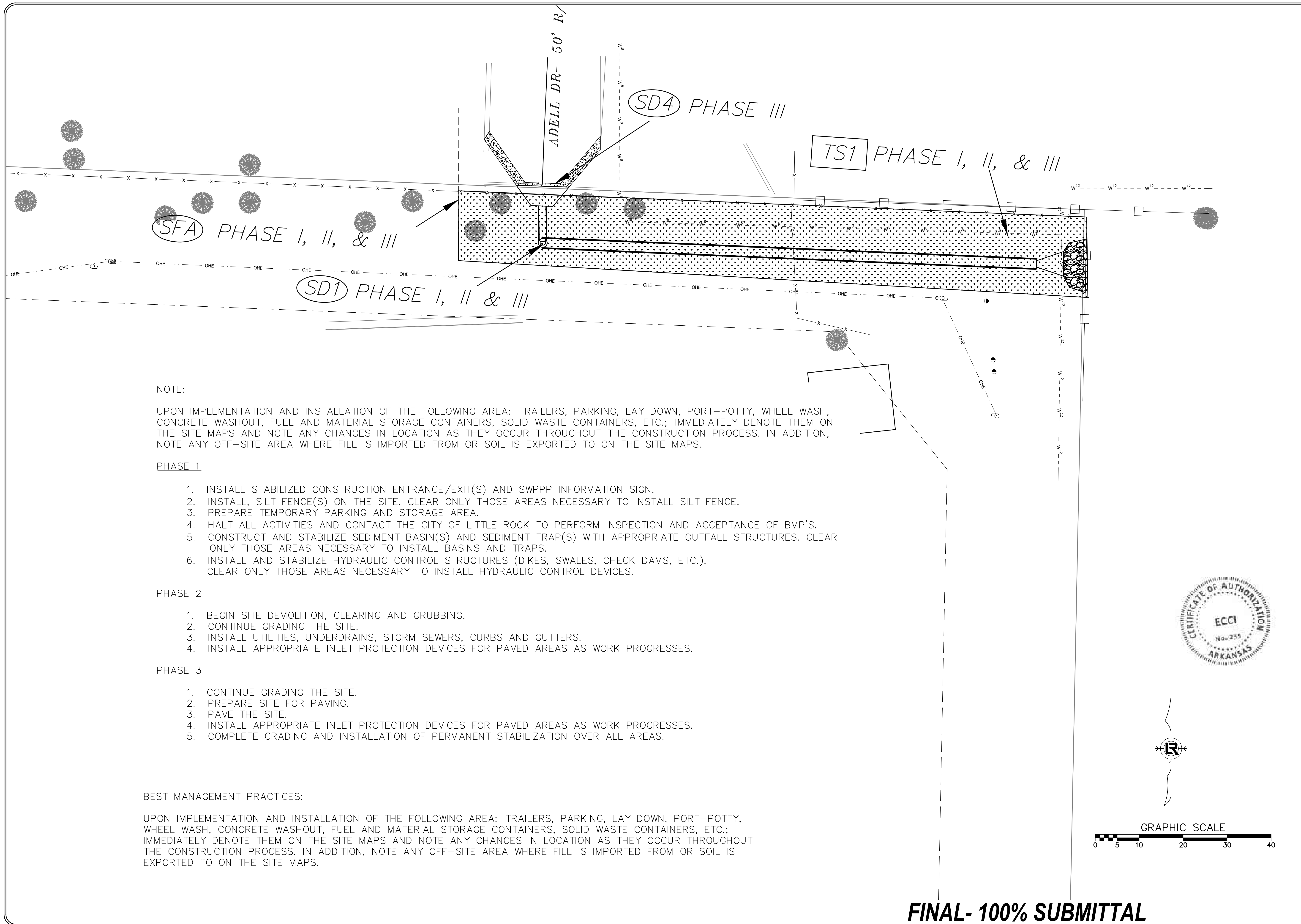


DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



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|-------------|-----------------|
| DRAWN BY | KP |
| DESIGNED | KP |
| CHECKED | DA |
| DATE | 08.21.24 |
| SCALE | NTS |
| PROJECT NO. | CLR 5-20-DR-108 |
| SHEET NO. | C6 |

FINAL- 100% SUBMITTAL



NOTE:

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREA: TRAILERS, PARKING, LAY DOWN, PORT-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC.; IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAPS.

PHASE 1

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT(S) AND SWPPP INFORMATION SIGN.
2. INSTALL SILT FENCE(S) ON THE SITE. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE.
3. PREPARE TEMPORARY PARKING AND STORAGE AREA.
4. HALT ALL ACTIVITIES AND CONTACT THE CITY OF LITTLE ROCK TO PERFORM INSPECTION AND ACCEPTANCE OF BMP'S.
5. CONSTRUCT AND STABILIZE SEDIMENT BASIN(S) AND SEDIMENT TRAP(S) WITH APPROPRIATE OUTFALL STRUCTURES. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL BASINS AND 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 AND 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 PAVED AREAS AS WORK PROGRESSES.
5. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.

BEST MANAGEMENT PRACTICES:

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREA: TRAILERS, PARKING, LAY DOWN, PORT-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC.; IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAPS.



| REVISIONS | DATE |
|-----------|------|
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CITY OF LITTLE ROCK, ARKANSAS
ADELL DR. DRAINAGE IMPROVEMENT
EROSION CONTROL PLAN

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



| |
|---------------------------------------|
| DRAWN BY KP |
| DESIGNED KP |
| CHECKED DA |
| DATE 08.21.24 |
| SCALE 1"=10' H |
| PROJECT NO. CLR 5-20-DR-108 |
| SHEET NO. C7 |

FINAL- 100% SUBMITTAL