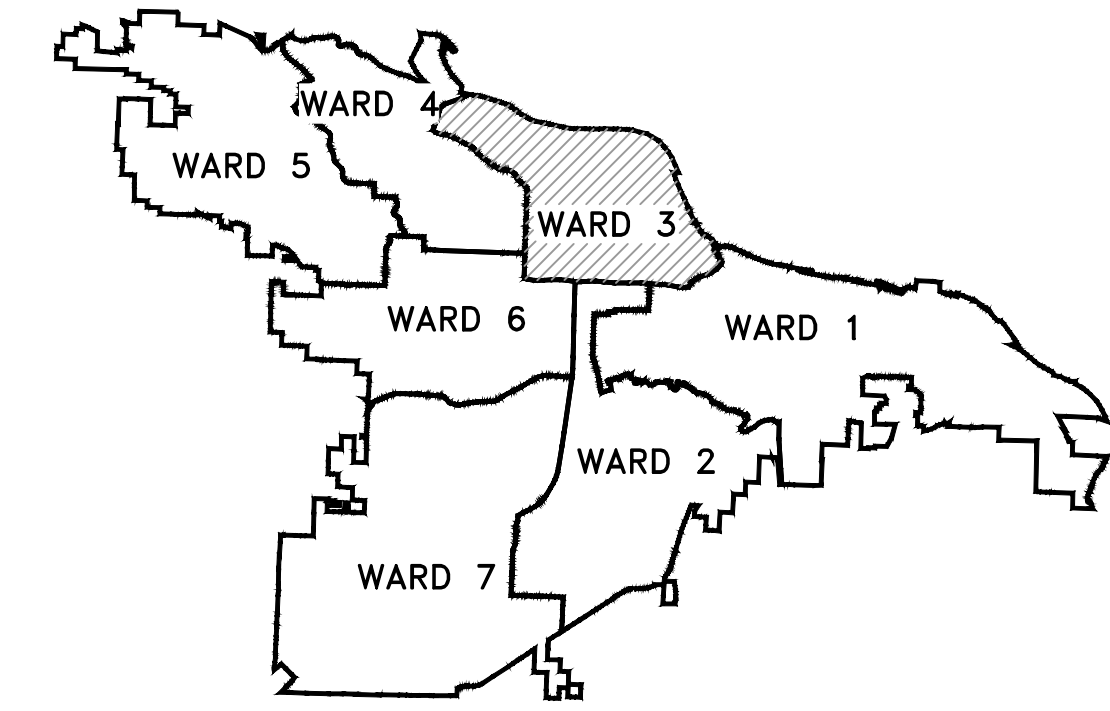


CLR PROJECT 05-20-DR-108

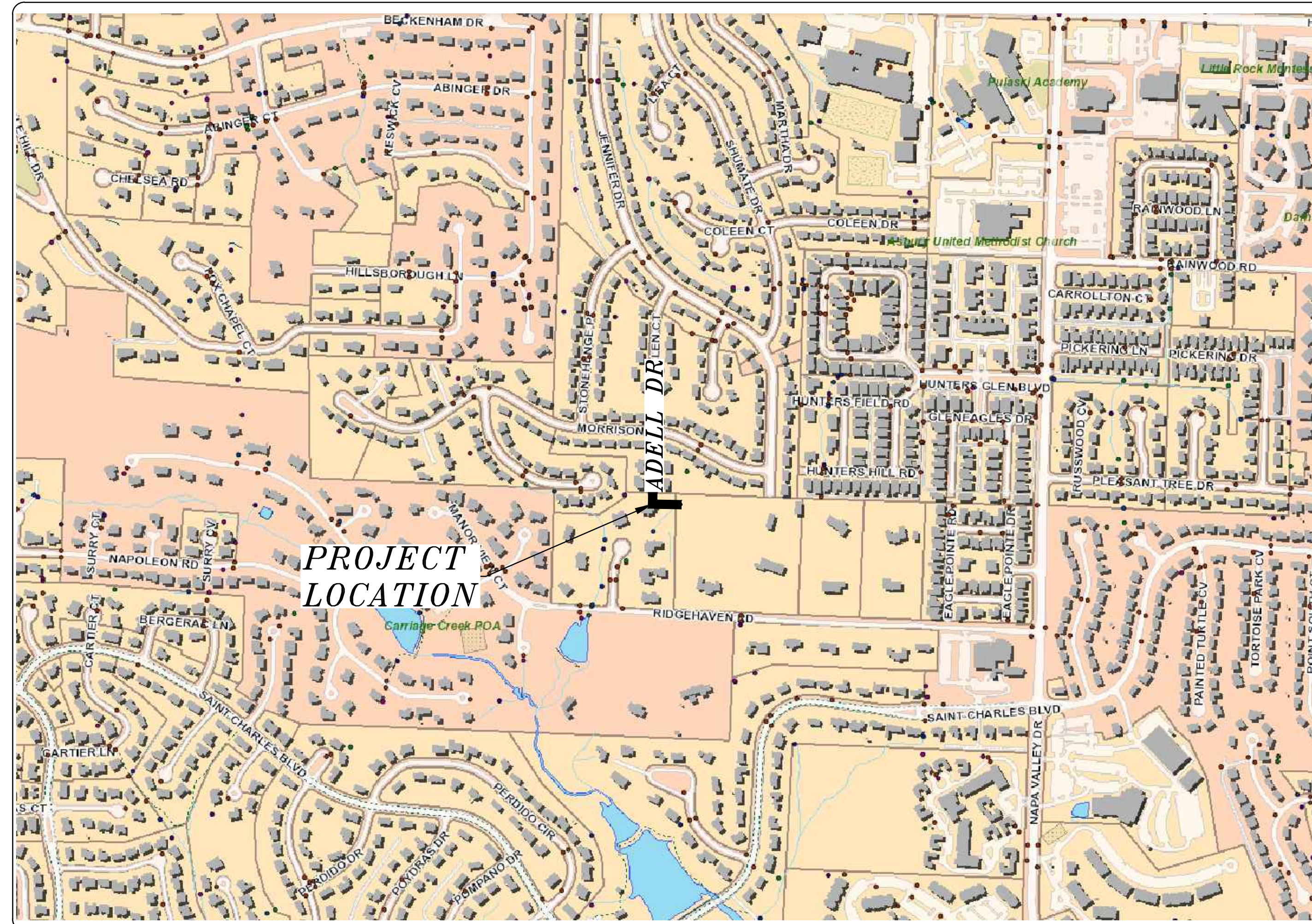
ADELL DRIVE

DRAINAGE IMPROVEMENTS

LITTLE ROCK, ARKANSAS



PROJECT LOCATION – WARD 1



SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND & QUANTITIES
C3	PLAN & PROFILE- STA. 0+00 TO STA. 1+53
C4	CROSS SECTIONS STA. 0+00 TO STA. 1+53
C5	DRAINAGE PLAN
C6	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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13000 CANTRELL ROAD
LITTLE ROCK, AR 72223
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REVISIONS DATE

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

06.04.24

SCALE

NTS

PROJECT NO.

3-22-DR-10

SHEET NO.

C1

SUMMARY OF QUANTITIES

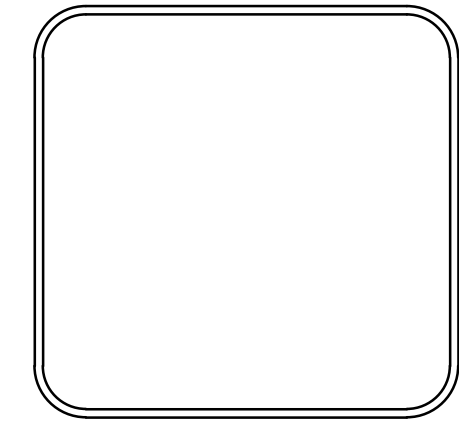
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
2.01	SITE PREPARATION (INCLUDES REMOVAL OF ROAD DEBRIS AND TREES)	L.S.	1
3.04	SELECT FILL MATERIAL (TO COVER END OF PIPE-01 AS NEEDED)	C.Y.	5
4.01	AGGREGATE BASE COURSE	TON	3
6.01	ACHM SURFACE COURSE	TON	5
7.04	CONCRETE DRIVEWAY (4" THICK), STANDARD FINISH (FOR END OF ADELL)	S.F.	284
8.01	CONCRETE CURB AND GUTTER (CLASS 1)	L.F.	65
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) (INCLUDES BACKFILL)	L.F.	11
13.24S	STORM DRAIN PIPE, 24" (SIDE) (INCLUDES BACKFILL)	L.F.	113
14.01	SOLID SODDING, BERMUDA (INCLUDES TOPSOIL)	SY	13
15.40	RELOCATE/REPAIR EXISTING SPRINKLER SYSTEM	L.S.	1
16.01	MAINTENANCE OF TRAFFIC	L.S.	1
18.01	REMOVE AND REPLACE FENCE	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" RCP	EA.	1

EXISTING		PROPOSED
IRON ROD	○ IR	CONTOUR
PK NAIL	○ PK	SPOT ELEVATION
R.R. SPIKE	○ RR(Sp)	SPOT CURB ELEVATION
CONC. MONUMENT	□ CM	STORM SEWER - PIPE
WATER VALVE	⊗ WV	STORM SEWER - MITERED END SECTION
WATER METER	⊞ WM	STORM SEWER - GRATE INLET
FIRE HYDRANT	⊞ FH	STORM SEWER - JUNCTION BOX
GAS METER	⊞ GM	STORM SEWER - FLARED END SECTION
GAS VALVE	⊗ GV	STORM SEWER - HEADWALL
CLEAN-OUT	○ CO	STORM SEWER - INLET WITH SINGLE EXTENSION
GUARD POST (BOLLARD)	● GP	STORM SEWER - INLET WITH DOUBLE EXTENSION
SIGN POST	—	STORM SEWER - AREA INLET
BENCHMARK	⊕	GRADE BREAK LINE
STORM SEWER MANHOLE	⊙	HIGH POINT
SANITARY SEWER MANHOLE	⊙ S	LOW POINT
TELEPHONE MANHOLE	⊙ T	CUT LINE
ELECTRIC MANHOLE	⊙ E	FILL LINE
TELEPHONE BOX	⊞	SANITARY SEWER PIPE
ELECTRIC BOX	⊞	SANITARY SEWER MANHOLE
CABLE BOX	⊞	CURB
UTILITY POLE	⊞	CONCRETE
GUY WIRE	—	CONSTRUCTION - ENTRANCE/EXIT
LIGHT POLE	⊙	CHECK DAM
POST OR POLE (TYPE AS NOTED)	⊙	DIVERSION BERM
MAILBOX	⊞	DOWNDRAIN STRUCTURE - TEMPORARY
DECIDUOUS TREE	⊙	ROCK DAM
EVERGREEN/CONIFEROUS TREE	⊙	SEDIMENT BARRIER - SILT FENCE
BUSH	⊙	SEDIMENT BARRIER - GRAVEL RING
PROPERTY LINE	—	SEDIMENT BARRIER - BLOCK & GRAVEL
SETBACK LINE	—	SEDIMENT BARRIER - BLOCK
EASEMENT LINE	—	TEMPORARY SEDIMENT BASIN
CURB	—	SILT FENCE - TYPE A
FENCE	— X — X —	SILT FENCE - TYPE B
OVERHEAD UTILITY	— OHP — OHP —	SILT FENCE - TYPE C
UNDERGROUND TELEPHONE	— UGT — UGT — UGT —	STORM DRAIN OUTLET PROTECTION
UNDERGROUND ELECTRIC	— UGE — UGE — UGE —	SURFACE ROUGHENING
WATER LINE	— 8"W — 8"W — 8"W —	DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION
SEWER LINE	— SAN —	DISTURBED AREA STABILIZATION - TEMPORARY GRASSING
GAS LINE	— GAS — GAS — GAS —	DISTURBED AREA STABILIZATION - PERMANENT GRASSING
STORM SEWER/CULVERT	— 24" CMP/RCP/DIP —	MATting/BLANKETS
CONTOUR LINE	— 650 —	

REVISIONS	DATE

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

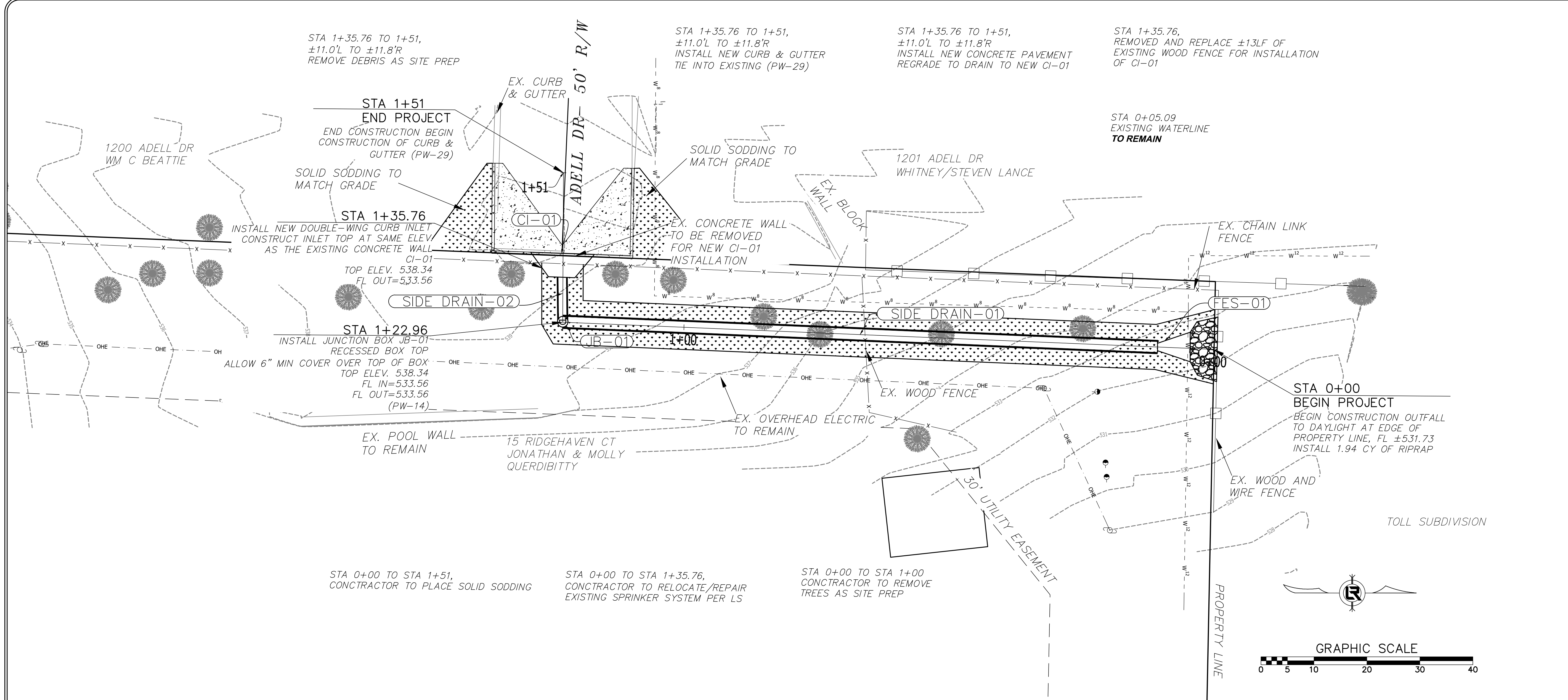
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



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DESIGNED KP
CHECKED KP
DATE 06.04.24
SCALE NTS
PROJECT NO. 05-20-DR-108
SHEET NO. C2

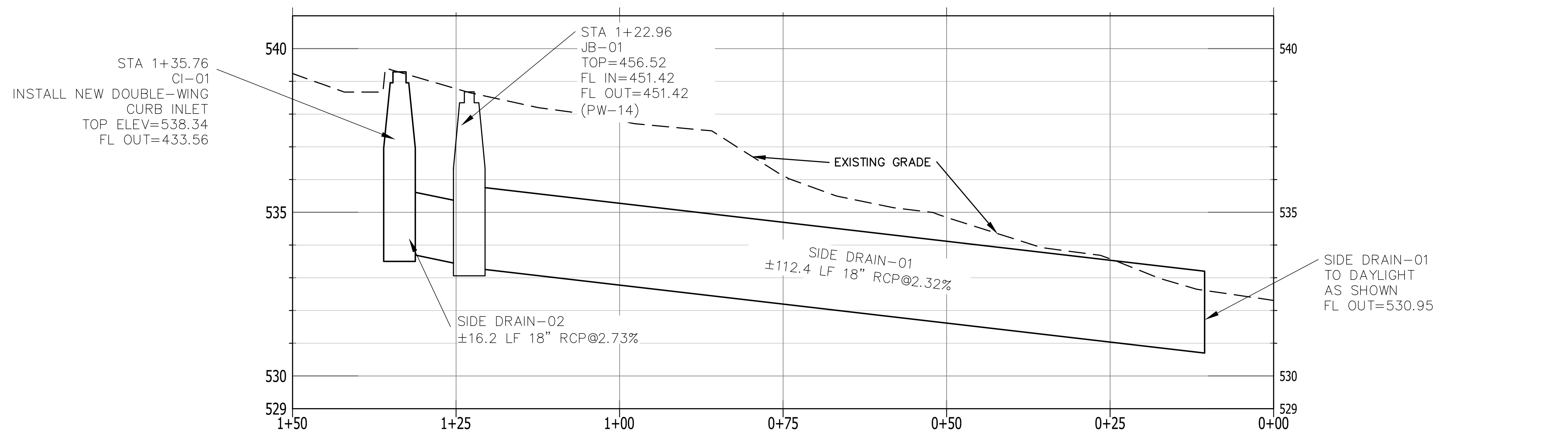
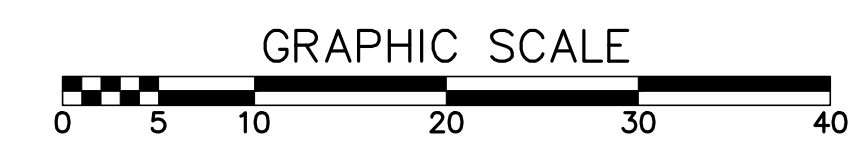
PRELIMINARY- 60% SUBMITTAL

REVISIONS	DATE



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




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DESIGNED KP
CHECKED DA
DATE 06.04.24
SCALE 1"=10' H, 1"=5' V
PROJECT NO. CLR 5-20-DR-108
SHEET NO. C3


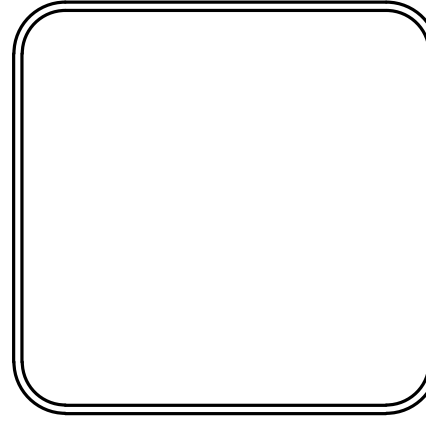
PRELIMINARY- 60% SUBMITTAL

REVISIONS	DATE

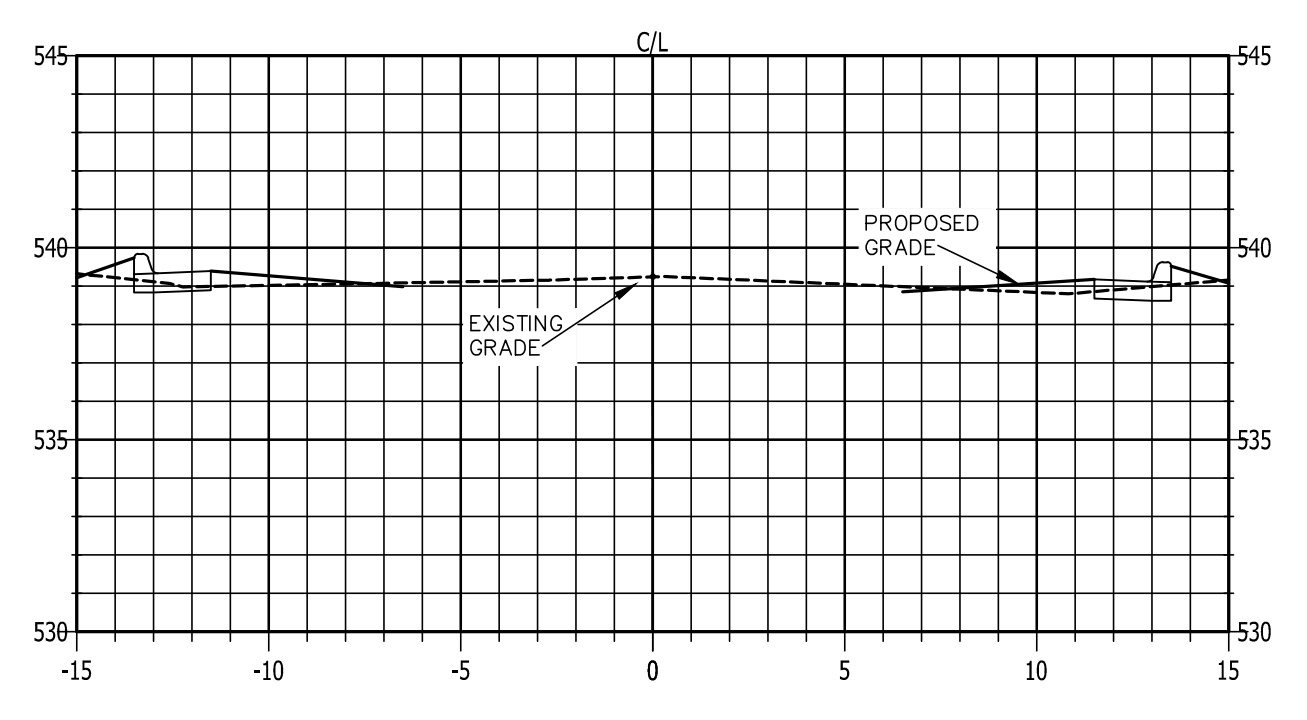
CITY OF LITTLE ROCK, ARKANSAS
ADELL DR. DRAINAGE IMPROVEMENT
CROSS SECTIONS STA. 0+00 TO STA. 1+51



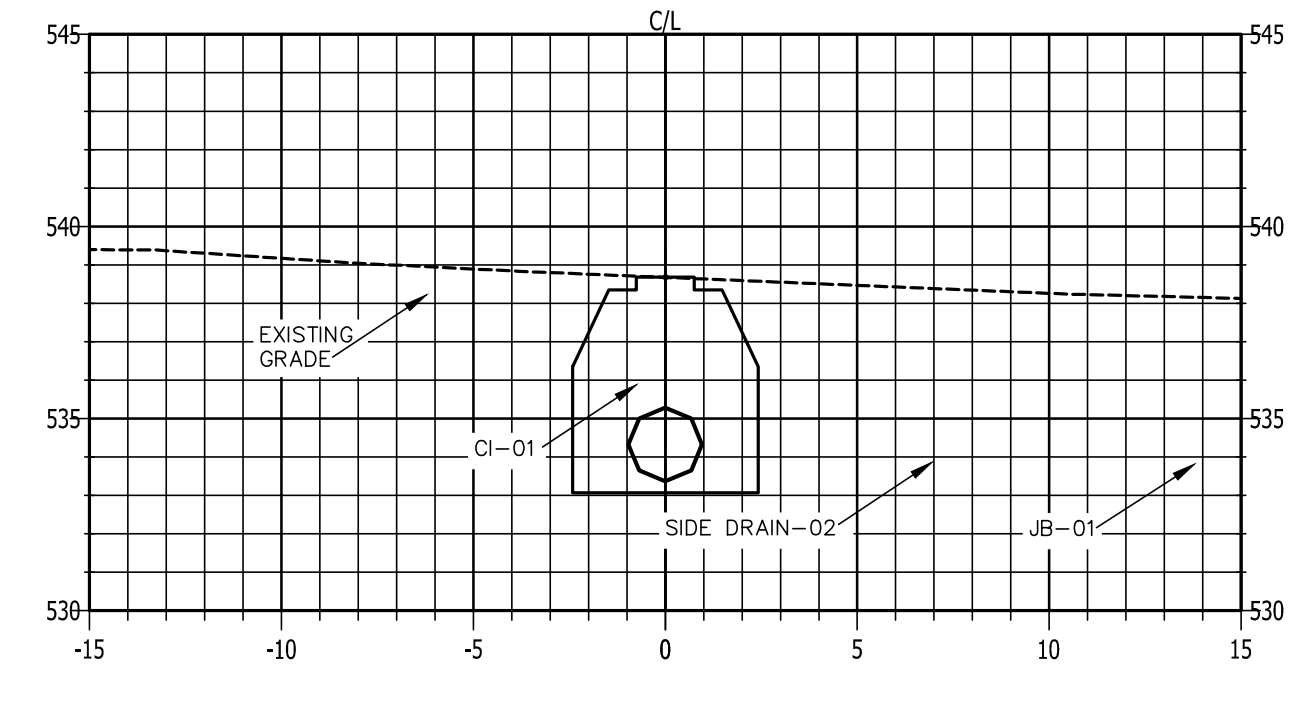
DEPARTMENT OF PUBLIC WORKS
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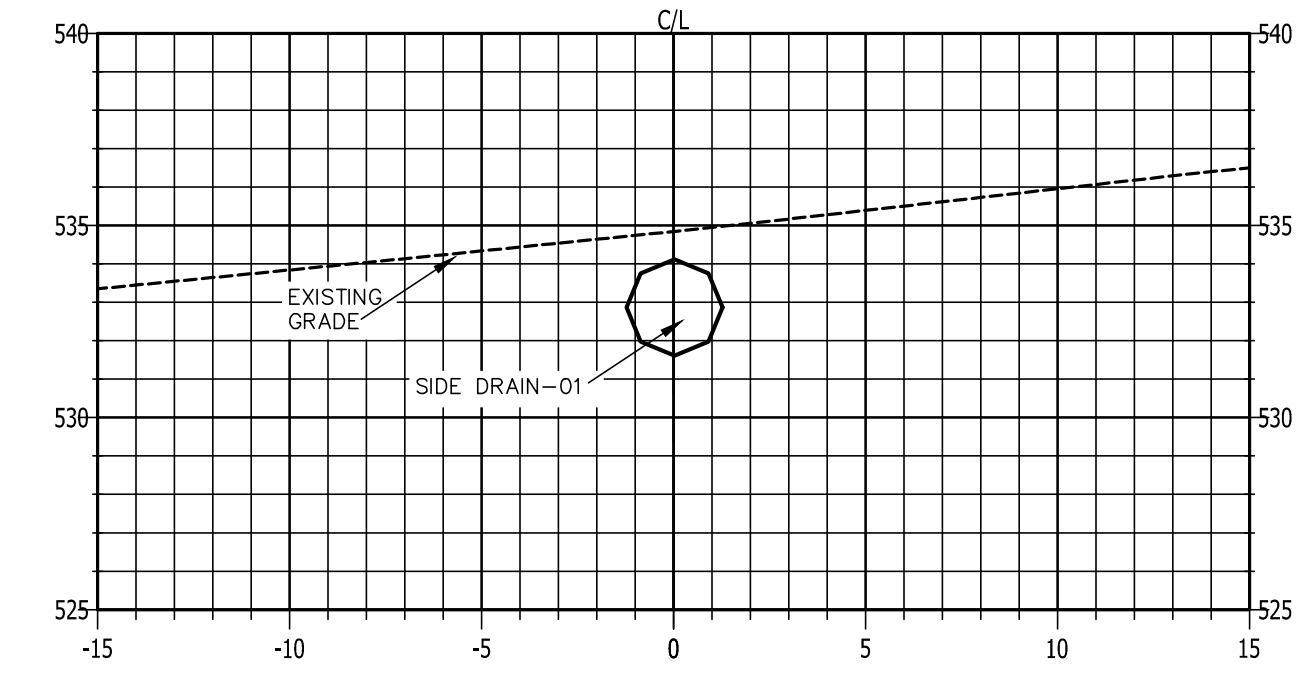
DRAWN BY KP
DESIGNED KP
CHECKED DA
DATE 06.04.24
SCALE 1"=10'
PROJECT NO. CLR 5-20-DR-108
SHEET NO. C4



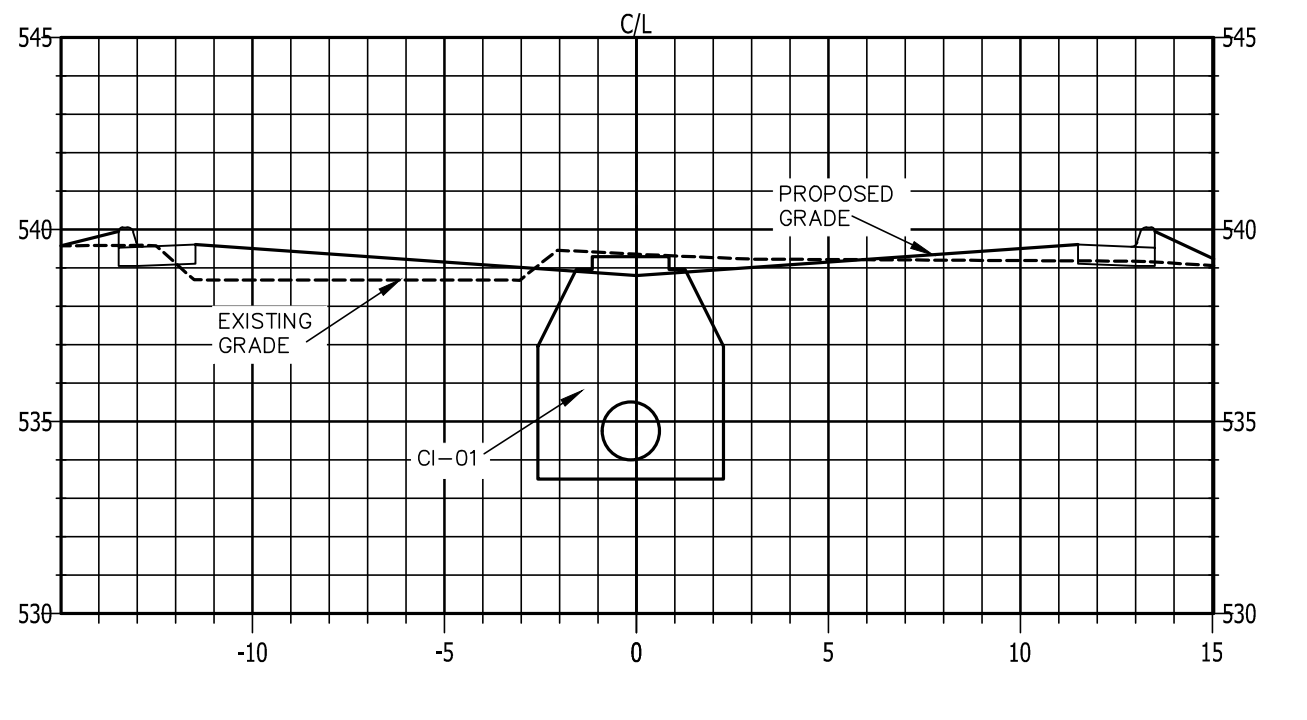
1+50



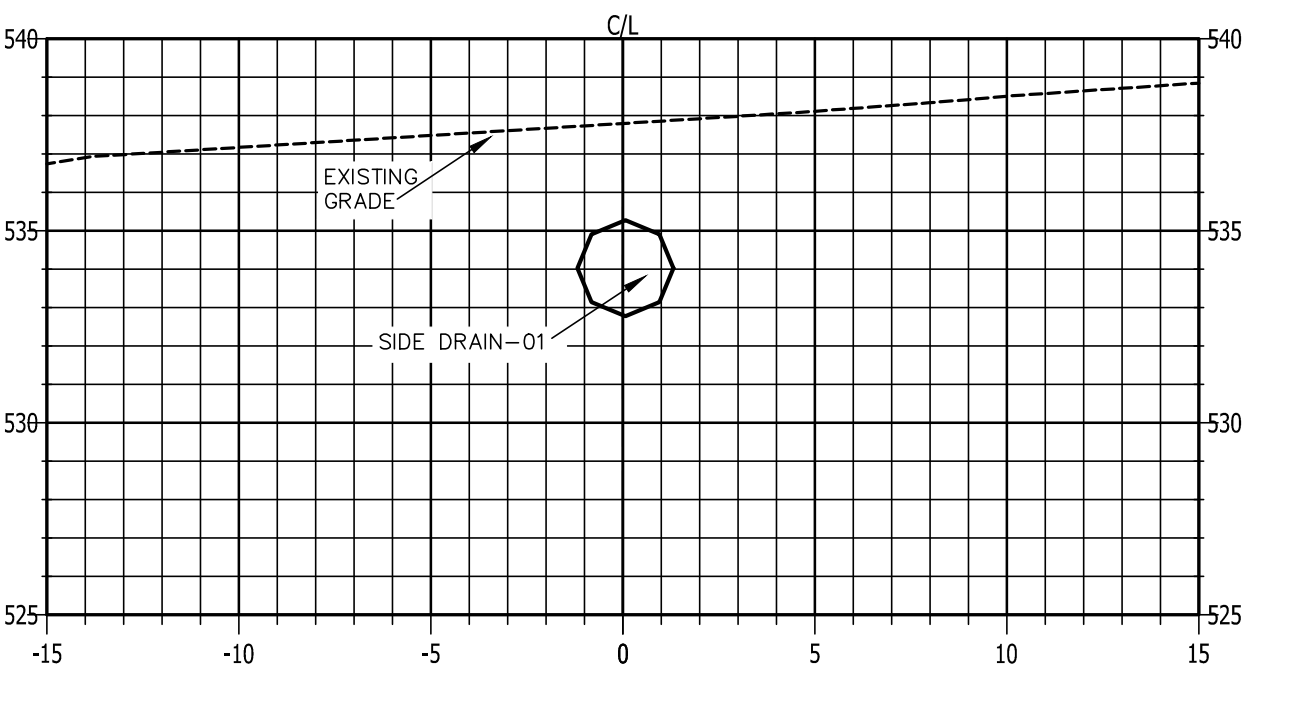
1+23.23



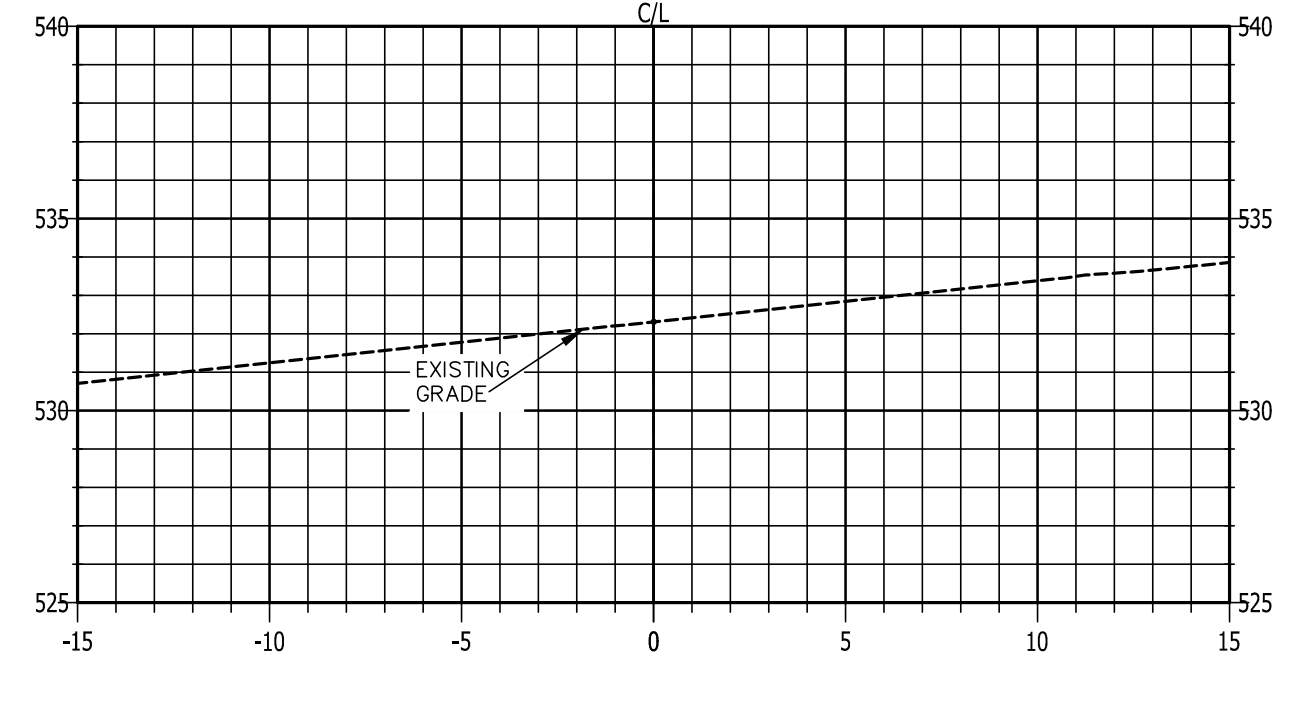
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1+34.94

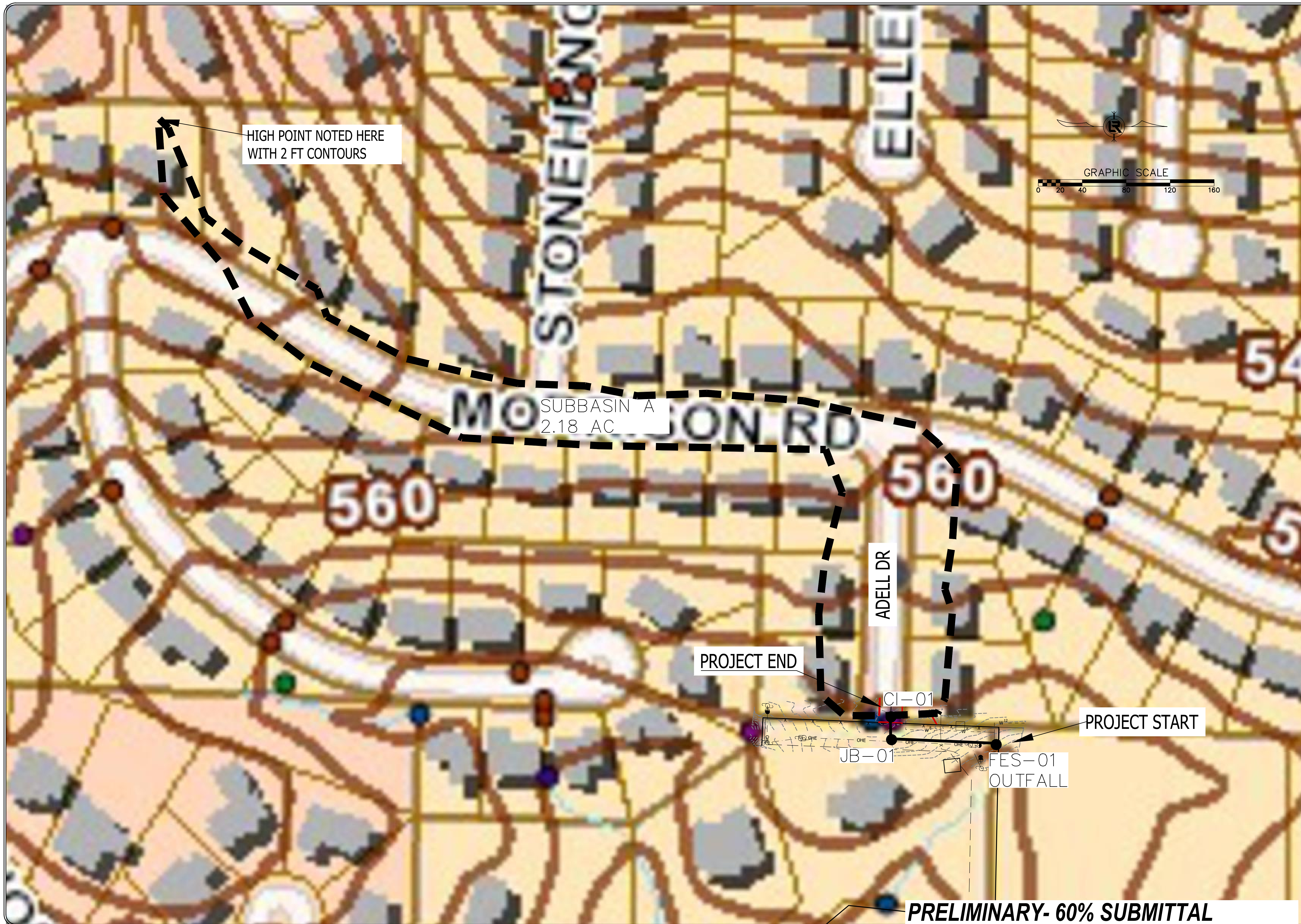


1+00



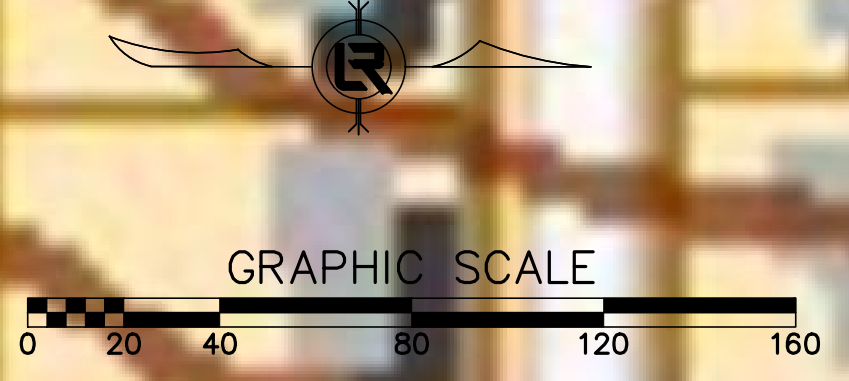
0+00

PRELIMINARY- 60% SUBMITTAL



HIGH POINT NOTED HERE WITH 2 FT CONTOURS

SUBBASIN A
2.18 AC



PROJECT END

PROJECT START

ADELL DR

CI-01

JB-01

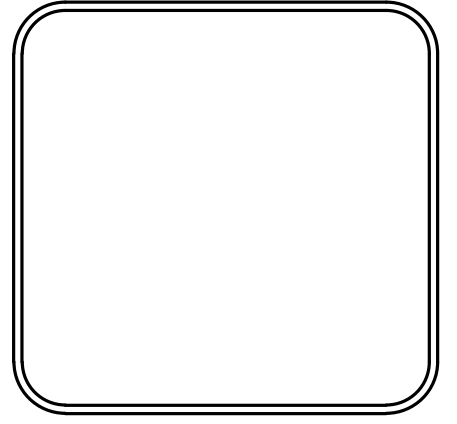
FES-01
OUTFALL

PRELIMINARY- 60% SUBMITTAL

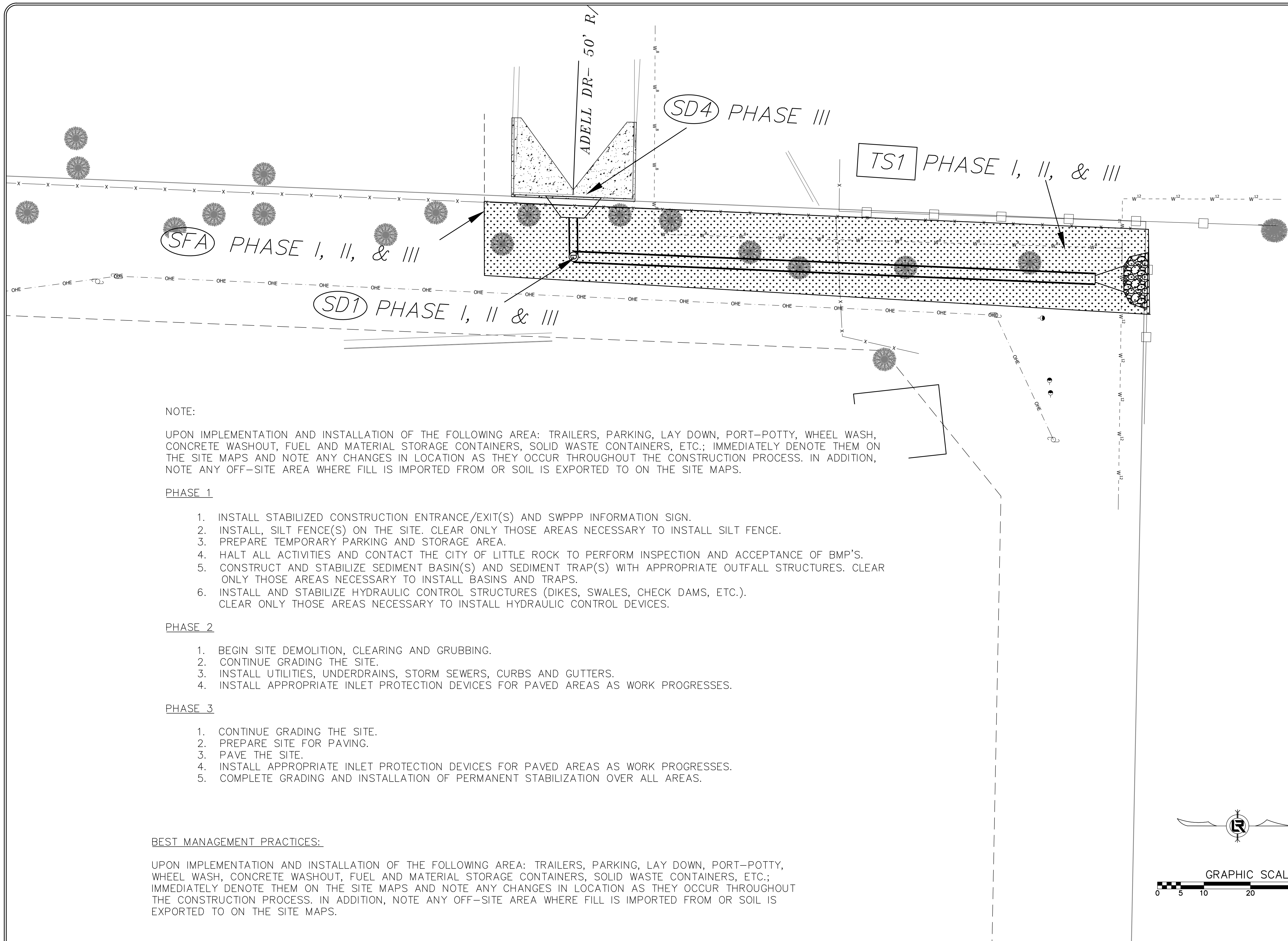
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
ADELL DR. DRAINAGE IMPROVEMENT
DRAINAGE MAP

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



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DESIGNED KP
CHECKED DA
DATE 06.04.24
SCALE 1"=40'
PROJECT NO. CLR 5-20-DR-108
SHEET NO. C5



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

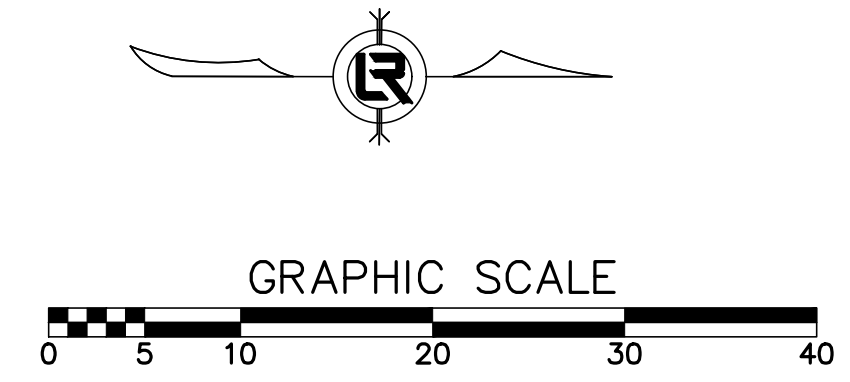
1. BEGIN SITE DEMOLITION, CLEARING AND GRUBBING.
2. CONTINUE GRADING THE SITE.
3. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
4. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.

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.

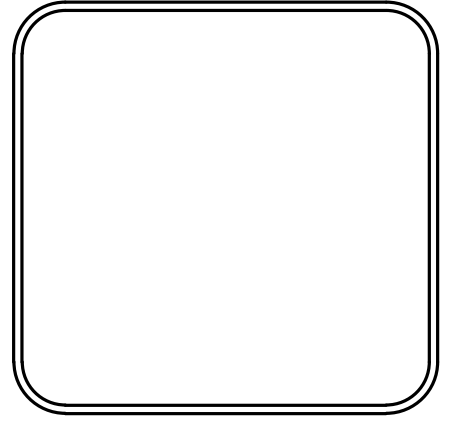


PRELIMINARY- 60% SUBMITTAL

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
ADELL DR. DRAINAGE IMPROVEMENT
EROSION CONTROL


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



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CHECKED DA
DATE 06.04.24
SCALE 1"=10' H, 1"=5' V
PROJECT NO. CLR 5-20-DR-108
SHEET NO. C6