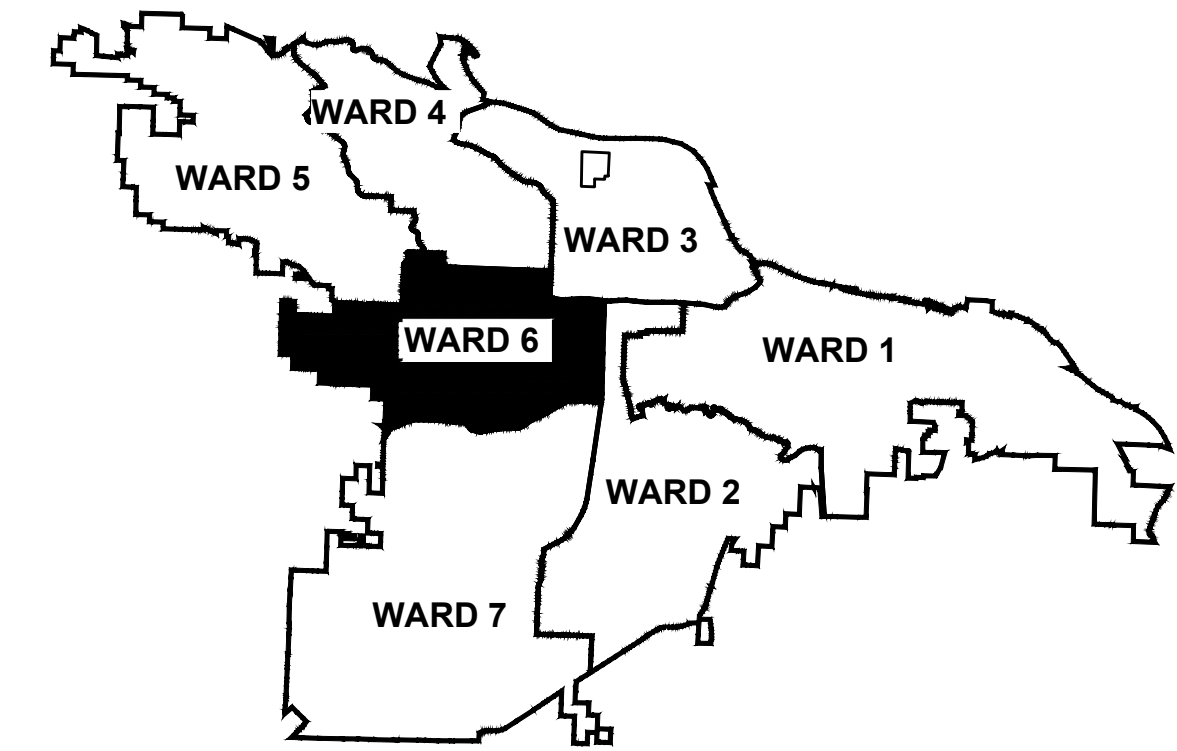
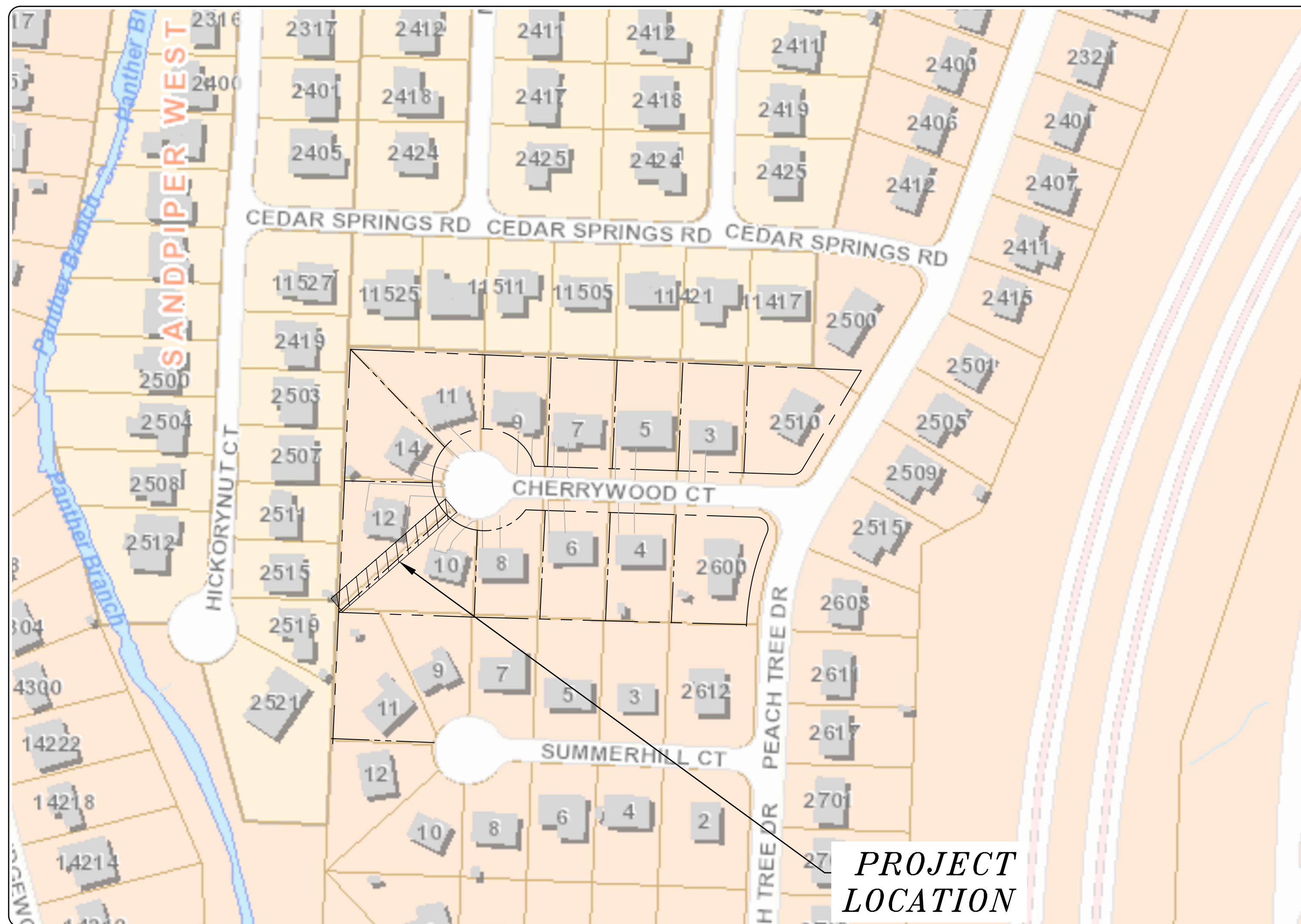


# 06-22-DR-003 CHERRYWOOD COURT DRAINAGE OUTFALL

(Outfall near #12 Cherrywood Court)



PROJECT LOCATION - WARD 6



SHEET NO.	TITLE
C 1	COVER SHEET
C 2	LEGEND
C 3	FIELD TIES/LAYOUT SHEET
C 4	EXISTING CONDITIONS
C 4.1	DRAINAGE PLAN AND PROFILE
C 5	EROSION CONTROL PLAN - PHASE I
C 5.1	EROSION CONTROL PLAN - PHASE II
C 5.2	EROSION CONTROL PLAN - PHASE III



**2023-2025  
BOND PROGRAM**

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



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CITY OF LITTLE ROCK, ARKANSAS  
CHERRYWOOD COURT DRAINAGE OUTFALL  
COVER SHEET

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



DRAWN BY	JNS
DESIGNED	JNS
CHECKED	AHR
DATE	5/23/2024
SCALE	1" = 100'
PROJECT NO.	CLR # 06-22-DR-003
SHEET NO.	<b>C1</b>



REVISIONS	DATE
-	-

CITY OF LITTLE ROCK, ARKANSAS  
**CHERRYWOOD COURT DRAINAGE OUTFALL**  
 GENERAL NOTES, LEGEND AND QUANTITIES

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



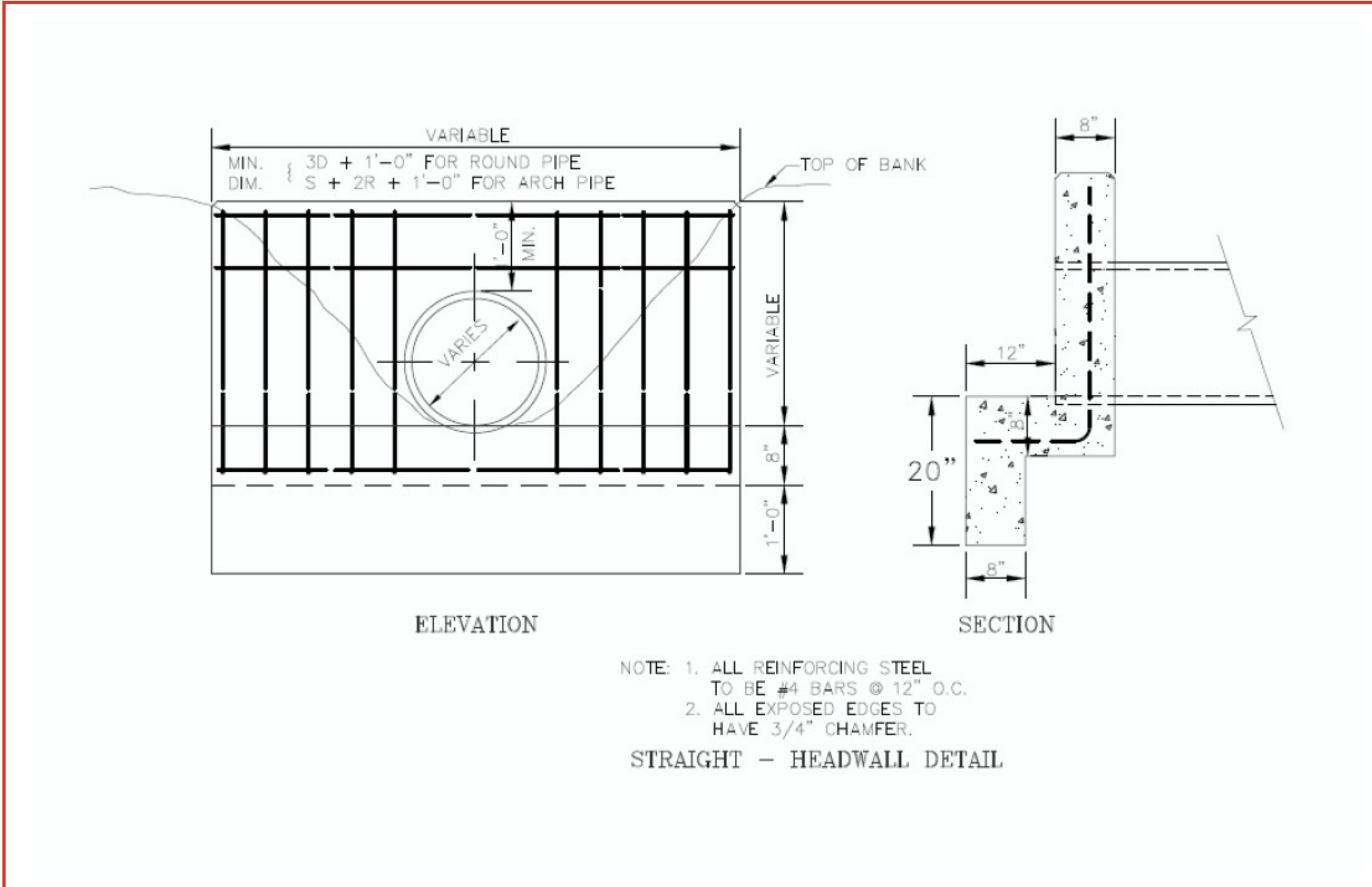
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**DATE**  
5/23/2024  
**SCALE**  
N/A  
**PROJECT NO.**  
CLR # 06-22-DR-003  
**SHEET NO.**  
**C2**

CLR PROJECT # 06-22-DR-003			
CHERRYWOOD COURT DRAINAGE OUTFALL IMPROVEMENTS			
5/23/2024			
ITEM NO.	DESCRIPTION OF ITEMS	CONTRACT QUANTITY	UNIT
2.01	SITE PREPARATION	1	L.S.
10.01	JUNCTION BOX (4)	1	EA
13.15S	STORM DRAIN PIPE, 15" (SIDE) DRAIN	88	LF
13.18S	STORM DRAIN PIPE, 18" (SIDE) DRAIN	80	LF
14.01	SOLID SODDING (BERMUDA, INCLUDES 4"-6" TOPSOIL)	205	S.Y.
816.00	1' THICK RIP RAP (GROUTED)	8	S.Y.
	EASEMENT ACQUISITION	769	S.F.
18.01	DEMO AND REPLACE FENCE (MATCH EXISTING)	57	L.F.
16.01	MAINTENANCE OF TRAFFIC	1	L.S.
19.01	FINAL CLEAN UP	1	L.S.
24.04	SILT FENCE, TYPE A (SFA)	22	L.F.
SP	AS BUILT STORMSEWER SURVEY	1	-EA- L.S.
24.05	ROCK DAM, (RD)	2	-EA- C.Y.
26.10	TRENCH & EXCAVATION SAFETY	1	L.S.

24.11

11.06 REINFORCED CONCRETE HEADWALL 1 C.Y.  
 13.65 TIE INTO EXISTING CURB INLET 1 EA.

- ### GENERAL NOTES
- ANY DAMAGE TO LANDSCAPING AREAS, YARDS, FENCES OR SIGNS SHALL BE RESTORED TO CONDITION SATISFACTORY TO THE CITY OF LITTLE ROCK PUBLIC WORKS.
  - DISTURBED GRASS AREAS SHALL BE REPLACED BY TOPSOIL AND SEEDING OR HYDROMULCH.
  - ARKANSAS STATE LICENSING LAW FOR COMMERCIAL CONTRACTORS ACT 150 OF 1965 AND ACT 162 OF 1987 (AS AMENDED) REQUIRES THE INSTALLATION CONTRACTOR TO HAVE A VALID CONTRACTOR'S LICENSE.
  - ALL WORK SHALL CONFORM AS APPLICABLE TO THE CITY OF LITTLE ROCK PUBLIC WORKS DEPARTMENT STANDARD DETAILS FOR STREET AND DRAINAGE FACILITIES IMPROVEMENTS.
  - REFER TO TECHNICAL SPECIFICATIONS IN THE PROJECT MANUAL FOR SPECIFIC MATERIAL AND PRODUCT REQUIREMENTS.



EXISTING	PROPOSED
IRON ROD	PROPOSED CONTOUR
PK NAIL	PROPOSED SPOT ELEVATION
R.R. SPIKE	PROPOSED SPOT CURB ELEVATION
CONC. MONUMENT	STORM SEWER - PIPE
WATER VALVE	STORM SEWER - MITERED END SECTION
WATER METER	STORM SEWER - GRATE INLET
FIRE HYDRANT	STORM SEWER - JUNCTION BOX
GAS METER	STORM SEWER - FLARED END SECTION
GAS VALVE	STORM SEWER - HEADWALL
CLEAN-OUT	STORM SEWER - SINGLE WING
GUARD POST (BOLLARD)	STORM SEWER - DOUBLE WING
SIGN POST	STORM SEWER - AREA INLET
BENCHMARK	GRADE BREAK LINE
STORM SEWER MANHOLE	HIGH POINT
SANITARY SEWER MANHOLE	LOW POINT
TELEPHONE MANHOLE	CUT LINE
ELECTRIC MANHOLE	FILL LINE
TELEPHONE BOX	SANITARY SEWER PIPE
ELECTRIC BOX	SANITARY SEWER MANHOLE
CABLE BOX	PROPOSED 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
PROPERTY LINE ADJACENT	SEDIMENT BARRIER - BLOCK
SETBACK LINE	TEMPORARY SEDIMENT BASIN
EASEMENT LINE	SILT FENCE - TYPE A
CURB EXISTING	SILT FENCE - TYPE B
FENCE	SILT FENCE - TYPE C
OVERHEAD ELECTRIC	STORM DRAIN OUTLET PROTECTION
OVERHEAD TELEPHONE	SURFACE ROUGHENING
OVERHEAD CABLE	DISTURBED AREA STABILIZATION -TEMPORARY STABILIZATION
UNDERGROUND TELEPHONE	DISTURBED AREA STABILIZATION -TEMPORARY GRASSING
UNDERGROUND ELECTRIC	DISTURBED AREA STABILIZATION -PERMANENT GRASSING
UNDERGROUND CABLE	MATTING/BLANKETS
WATER LINE	
SEWER LINE	
GAS LINE	
STORM SEWER/CULVERT	
EDGE OF WOODS	
CONTOUR LINE	
PROPOSED DRAINAGE ALIGNMENT	



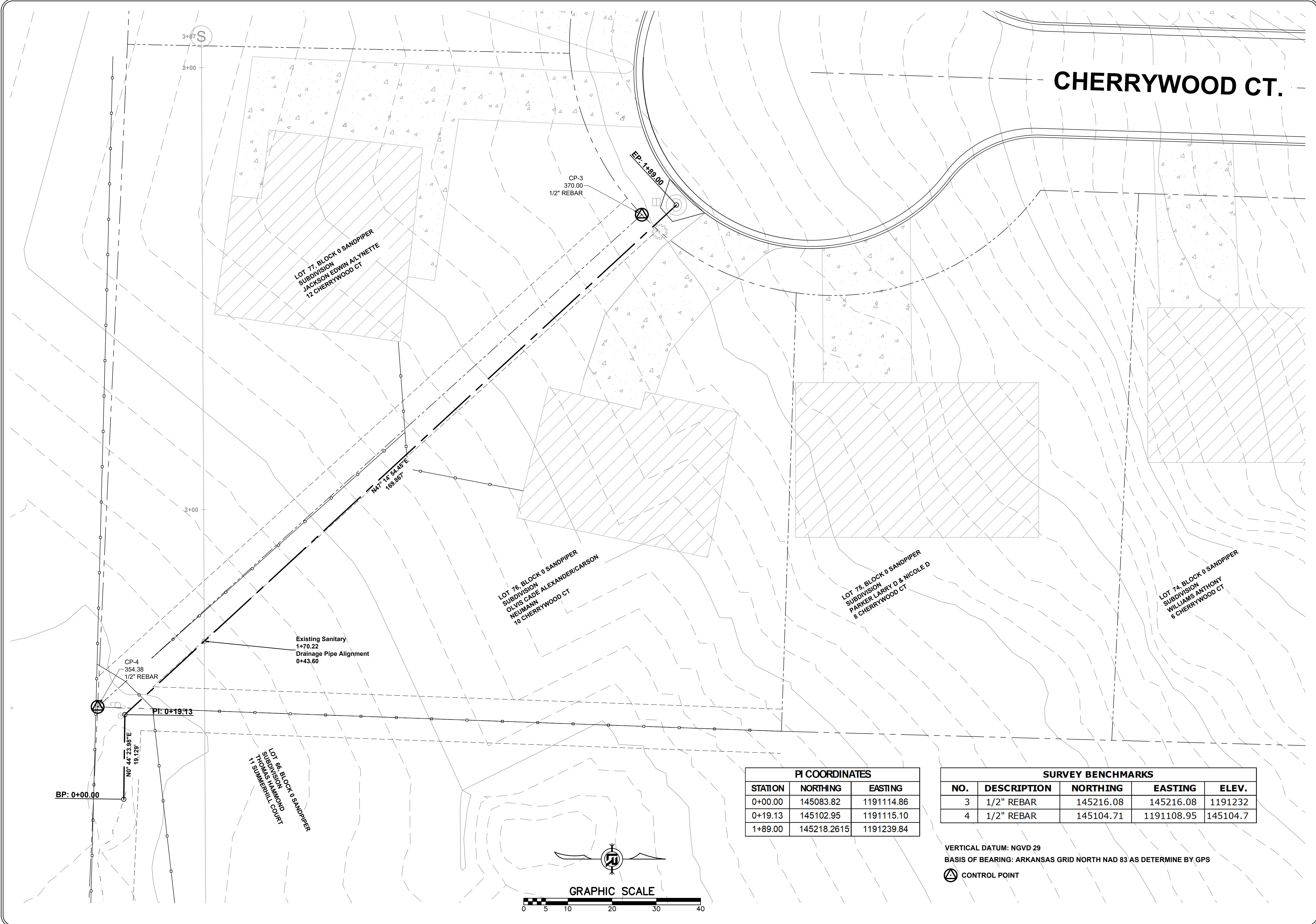
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 CHERRYWOOD COURT DRAINAGE OUTFALL  
 FIELD TIES/LAYOUT SHEET

DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERING  
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 LITTLE ROCK, ARKANSAS 72201



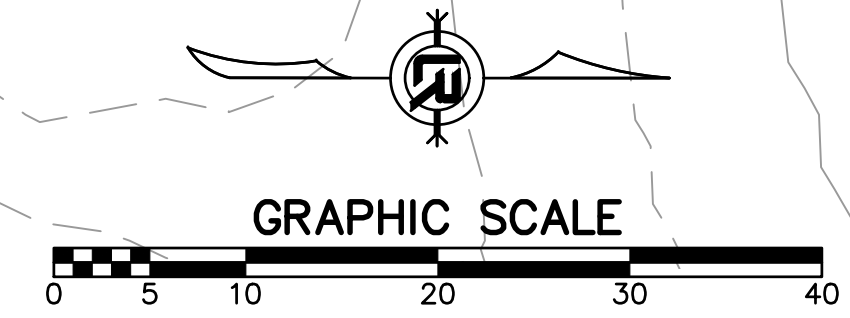
DRAWN BY  
 JNS  
 DESIGNED  
 JNS  
 CHECKED  
 AHR  
 DATE  
 5/23/2024  
 SCALE  
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 PROJECT NO.  
 CLR # 06-22-DR-003  
 SHEET NO.  
**C3**



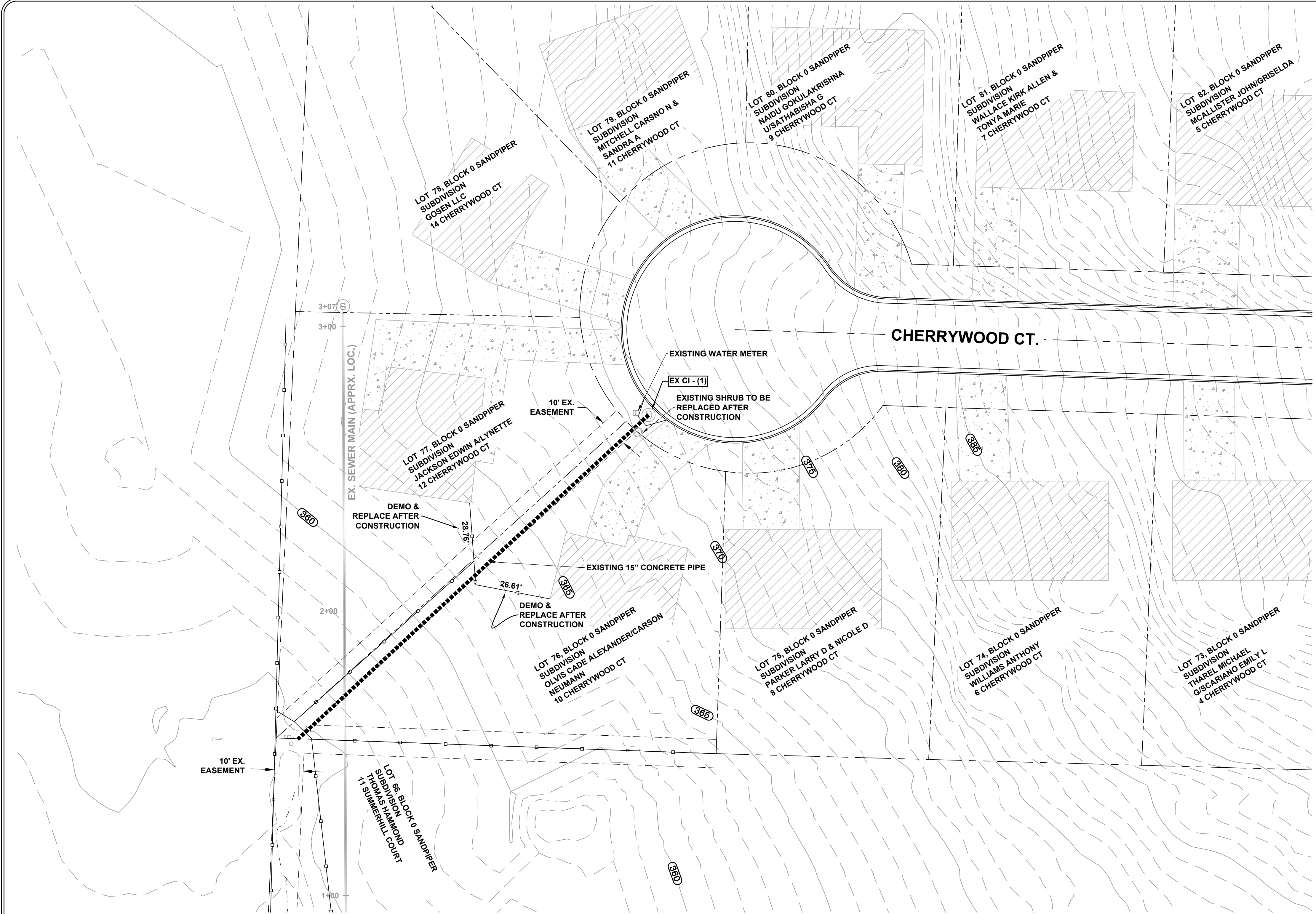
PI COORDINATES		
STATION	NORTHING	EASTING
0+00.00	145083.82	1191114.86
0+19.13	145102.95	1191115.10
1+89.00	145218.2615	1191239.84

SURVEY BENCHMARKS				
NO.	DESCRIPTION	NORTHING	EASTING	ELEV.
3	1/2" REBAR	145216.08	145216.08	1191232
4	1/2" REBAR	145104.71	1191108.95	145104.7

VERTICAL DATUM: NGVD 29  
 BASIS OF BEARING: ARKANSAS GRID NORTH NAD 83 AS DETERMINE BY GPS



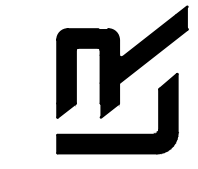




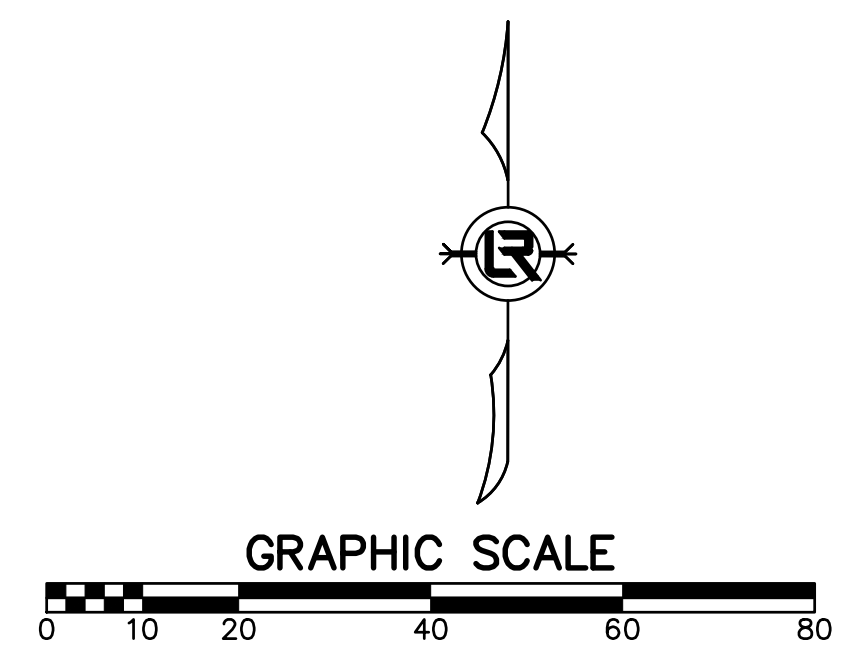
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
**CHERRYWOOD COURT DRAINAGE OUTFALL**  
 EXISTING CONDITIONS

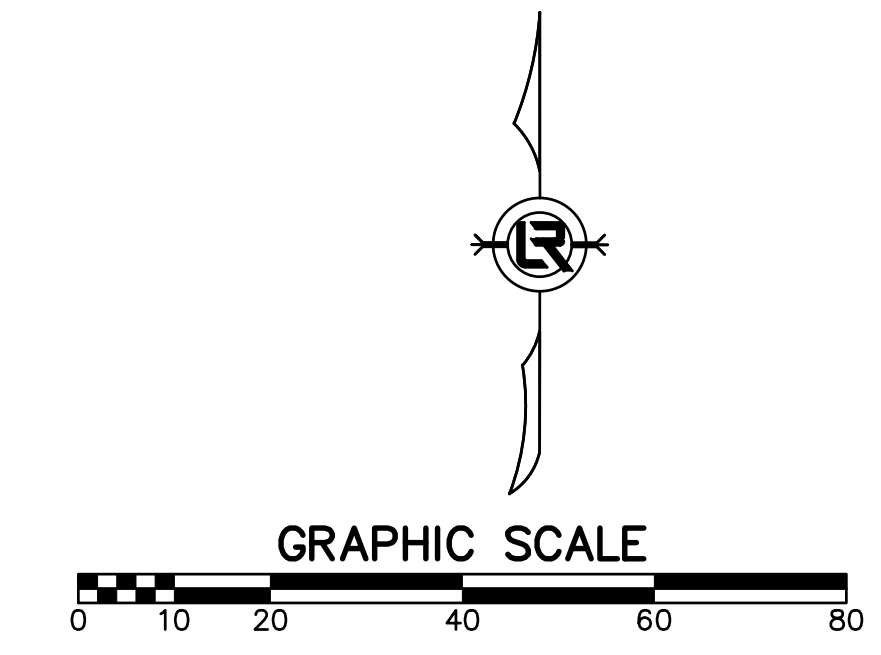
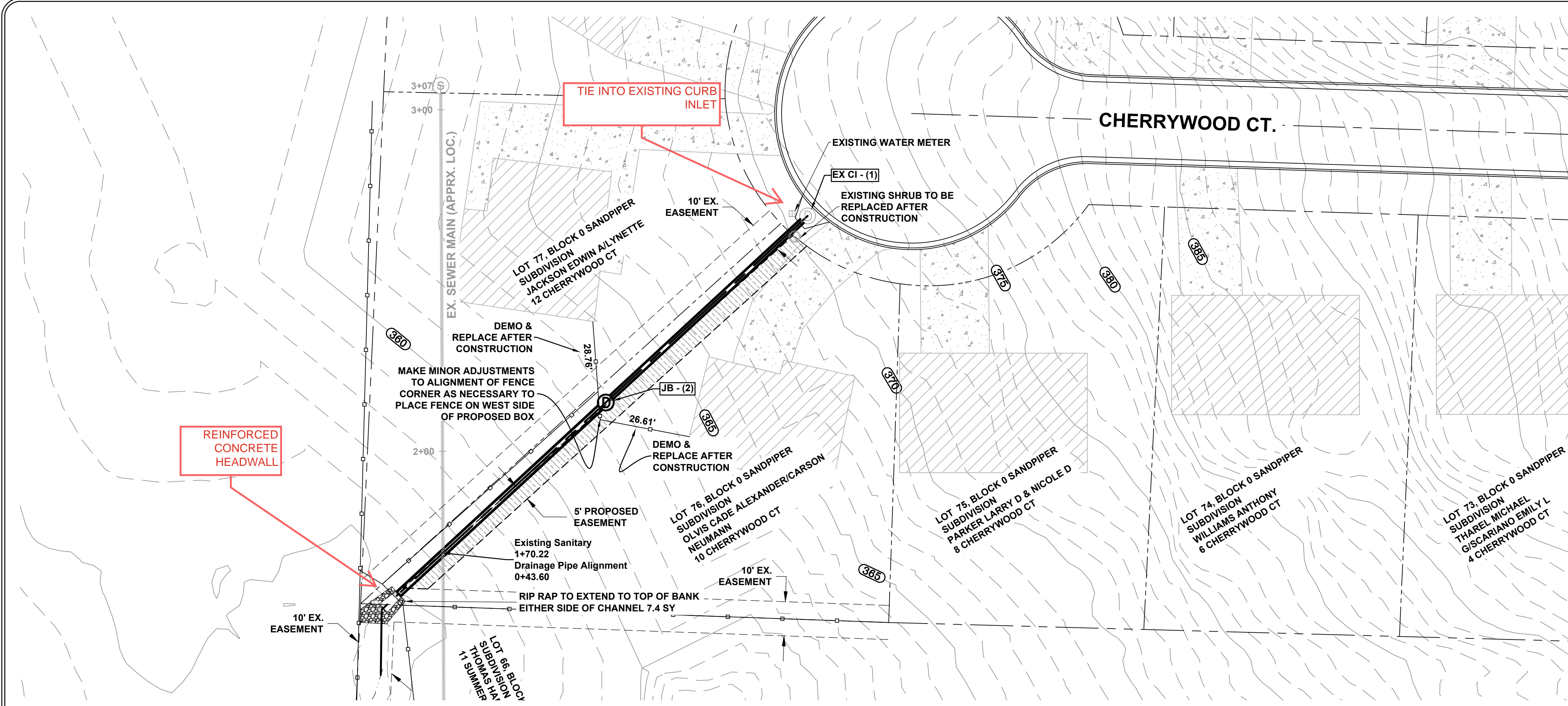
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AS NOTED  
**PROJECT NO.**  
CLR # 06-22-DR-003  
**SHEET NO.**  
**C4**







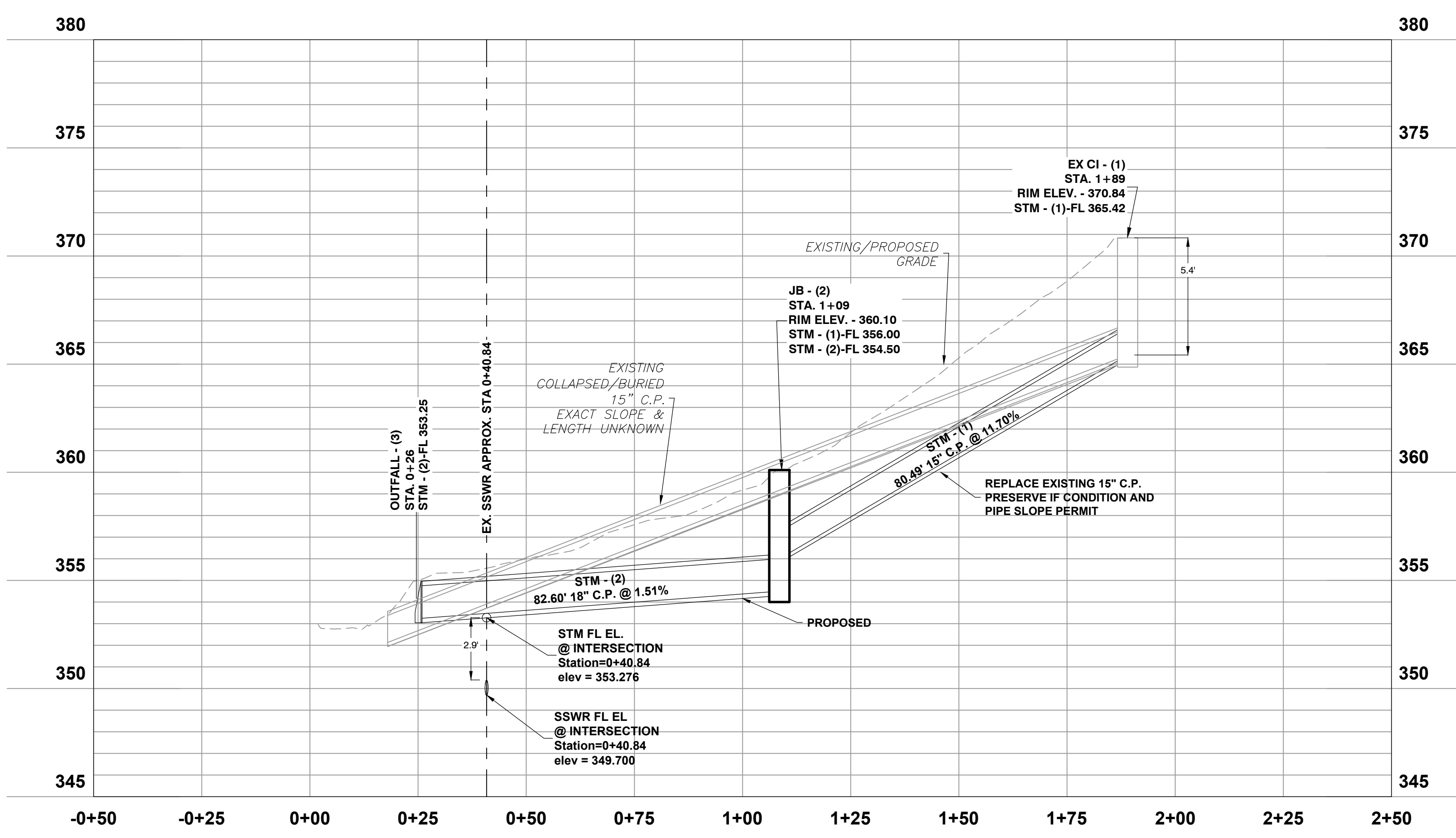
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
**CHERRYWOOD COURT DRAINAGE OUTFALL**  
 DRAINAGE PLAN & PROFILE

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



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 DESIGNED  
**JNS**  
 CHECKED  
**AHR**  
 DATE  
**5/23/2024**  
 SCALE  
**H: 1" = 20' V: 1" = 5'**  
 PROJECT NO.  
**CLR # 06-22-DR-003**  
 SHEET NO.  
**C4.1**



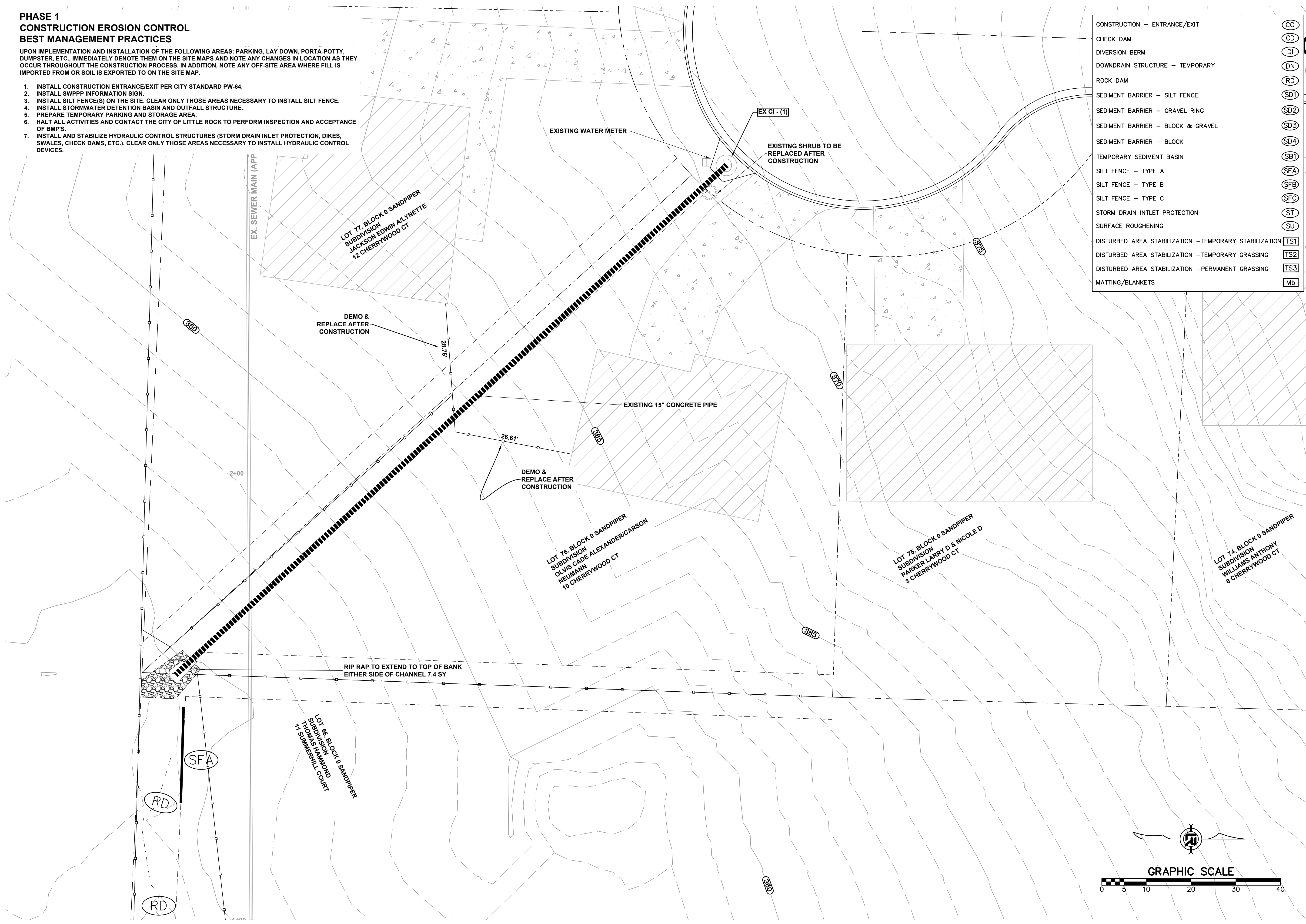


**PHASE 1  
CONSTRUCTION EROSION CONTROL  
BEST MANAGEMENT PRACTICES**

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: PARKING, LAY DOWN, PORTA-POTTY, DUMPSTER, 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 MAP.

1. INSTALL CONSTRUCTION ENTRANCE/EXIT PER CITY STANDARD PW-64.
2. INSTALL SWPPP INFORMATION SIGN.
3. INSTALL SILT FENCE(S) ON THE SITE. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE.
4. INSTALL STORMWATER DETENTION BASIN AND OUTFALL STRUCTURE.
5. PREPARE TEMPORARY PARKING AND STORAGE AREA.
6. HALT ALL ACTIVITIES AND CONTACT THE CITY OF LITTLE ROCK TO PERFORM INSPECTION AND ACCEPTANCE OF BMP'S.
7. INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (STORM DRAIN INLET PROTECTION, DIKES, SWALES, CHECK DAMS, ETC.). CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL HYDRAULIC CONTROL DEVICES.

CONSTRUCTION - ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SB1)
SILT FENCE - TYPE A	(SFA)
SILT FENCE - TYPE B	(SFB)
SILT FENCE - TYPE C	(SFC)
STORM DRAIN INTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	(TS3)
MATTING/BLANKETS	(MB)



REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**CHERRYWOOD COURT DRAINAGE OUTFALL**  
**EROSION CONTROL PLAN PHASE 1**

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

STATE OF ARKANSAS  
REGISTERED PROFESSIONAL ENGINEER  
No. 10452  
ANDREW H. RIVERA

DRAWN BY  
JNS  
DESIGNED  
JNS  
CHECKED  
AHR  
DATE  
5/23/2024  
SCALE  
1" = 10'  
PROJECT NO.  
CLR # 06-22-DR-003  
SHEET NO.  
**C5**



**PHASE 2  
CONSTRUCTION EROSION CONTROL  
BEST MANAGEMENT PRACTICES**

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: PARKING, LAY DOWN, PORTA-POTTY, CONCRETE WASHOUT, DUMPSTER, 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 MAP.


1. INSTALL CONCRETE WASHOUT. RELOCATE DUMPSTER, PORTA-POTTY AND LAY DOWN AREA.
2. TEMPORARY STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY CEASED.
3. INSTALL UNDERGROUND UTILITIES.
4. FINISH GRADING AND PREPARE SUBGRADES FOR BUILDING SLABS, PARKING LOT, ETC.
5. MAINTAIN SILT FENCES AND INLET PROTECTION THROUGHOUT CONSTRUCTION.
6. INSTALL CONCRETE FOUNDATIONS, PARKING LOT CURBS, AND BASE MATERIAL. UTILIZE CONCRETE WASHOUT; CONCRETE IS NOT TO BE WASHED ONTO THE GROUND, STREET, OR INTO THE STORM SEWER.
7. INSTALL ASPHALT AND FENCE.
8. INSTALL LANDSCAPING VEGETATION AND MULCH.

CONSTRUCTION - ENTRANCE/EXIT	CO
CHECK DAM	CD
DIVERSION BERM	DI
DOWNDRAIN STRUCTURE - TEMPORARY	DN
ROCK DAM	RD
SEDIMENT BARRIER - SILT FENCE	SD1
SEDIMENT BARRIER - GRAVEL RING	SD2
SEDIMENT BARRIER - BLOCK & GRAVEL	SD3
SEDIMENT BARRIER - BLOCK	SD4
TEMPORARY SEDIMENT BASIN	SB1
SILT FENCE - TYPE A	SFA
SILT FENCE - TYPE B	SFB
SILT FENCE - TYPE C	SFC
STORM DRAIN INTLET PROTECTION	ST
SURFACE ROUGHENING	SU
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	TS1
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	TS2
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	TS3
MATting/BLANKETS	MB

REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**CHERRYWOOD COURT DRAINAGE OUTFALL**  
**EROSION CONTROL PLAN PHASE 2**

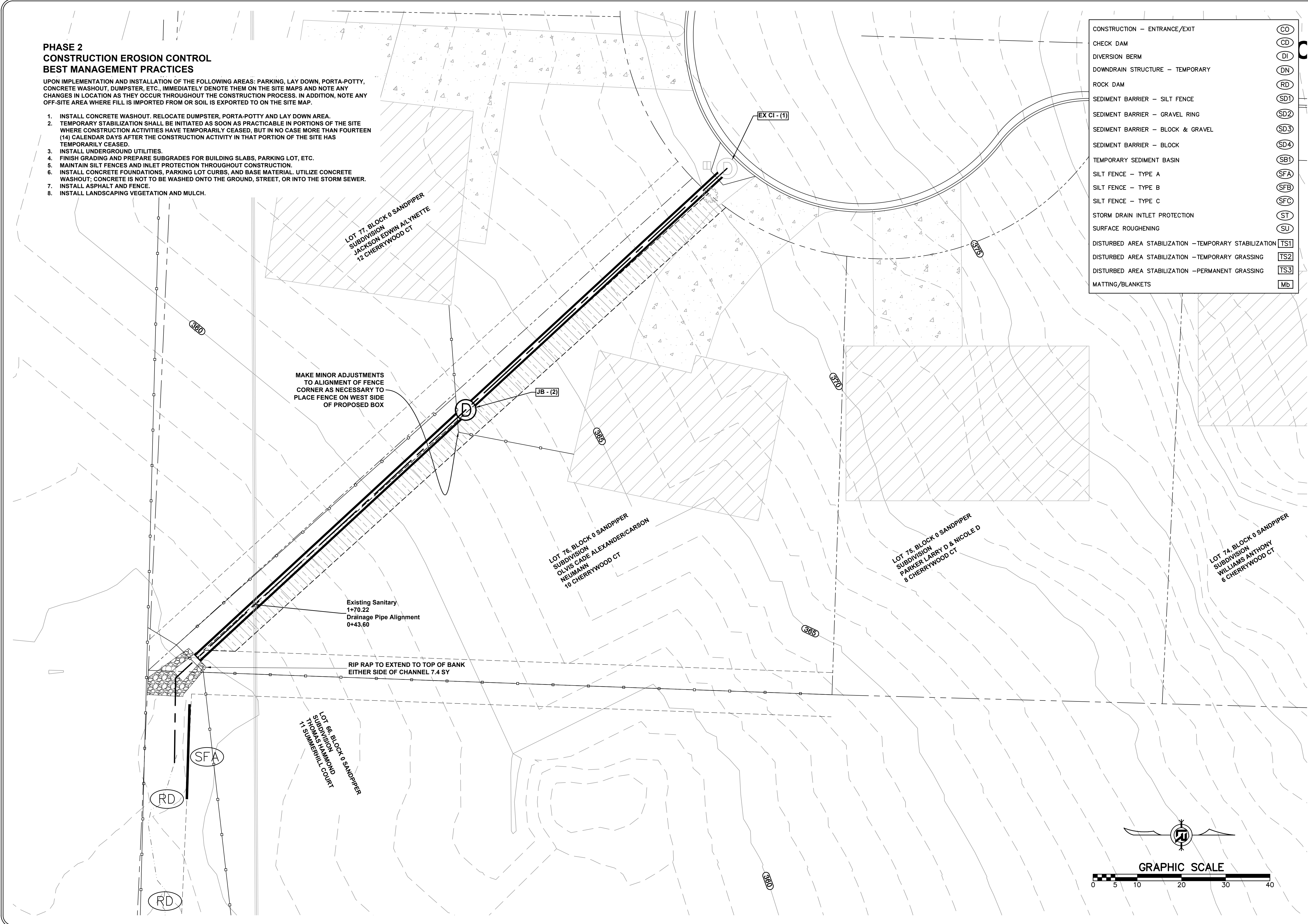
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CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



STATE OF ARKANSAS  
REGISTERED PROFESSIONAL ENGINEER  
No. 10452  
ANDREW H. RIVE



DRAWN BY  
JNS  
DESIGNED  
JNS  
CHECKED  
AHR  
DATE  
5/23/2024  
SCALE  
1" = 10'  
PROJECT NO.  
CLR # 06-22-DR-003  
SHEET NO.  
**C5.1**





**PHASE 3  
CONSTRUCTION EROSION CONTROL  
BEST MANAGEMENT PRACTICES**

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: PARKING, LAY DOWN, PORTA-POTTY, CONCRETE WASHOUT, DUMPSTER, 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 MAP.


1. STABILIZE ALL DISTURBED AREAS PER THE LANDSCAPING PLANS.
2. CONTINUE TO PERFORM WEEKLY MAINTENANCE INSPECTIONS.
3. REMOVE AND STABILIZE ALL TEMPORARY CONTROL MEASURES UNTIL PERMANENT STABILIZATION ACROSS THE SITE IS ACHIEVED.

CONSTRUCTION - ENTRANCE/EXIT	CO
CHECK DAM	CD
DIVERSION BERM	DI
DOWNDRAIN STRUCTURE - TEMPORARY	DN
ROCK DAM	RD
SEDIMENT BARRIER - SILT FENCE	SD1
SEDIMENT BARRIER - GRAVEL RING	SD2
SEDIMENT BARRIER - BLOCK & GRAVEL	SD3
SEDIMENT BARRIER - BLOCK	SD4
TEMPORARY SEDIMENT BASIN	SB1
SILT FENCE - TYPE A	SFA
SILT FENCE - TYPE B	SFB
SILT FENCE - TYPE C	SFC
STORM DRAIN INTLET PROTECTION	ST
SURFACE ROUGHENING	SU
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	TS1
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	TS2
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	TS3
MATTING/BANKETS	MB

REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**CHERRYWOOD COURT DRAINAGE OUTFALL**  
**EROSION CONTROL PLAN PH 3**

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



STATE OF ARKANSAS  
REGISTERED PROFESSIONAL ENGINEER  
No. 10452  
ANDREW H. RIVE



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AHR  
DATE  
5/23/2024  
SCALE  
1" = 10'  
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SHEET NO.  
**C5.2**

