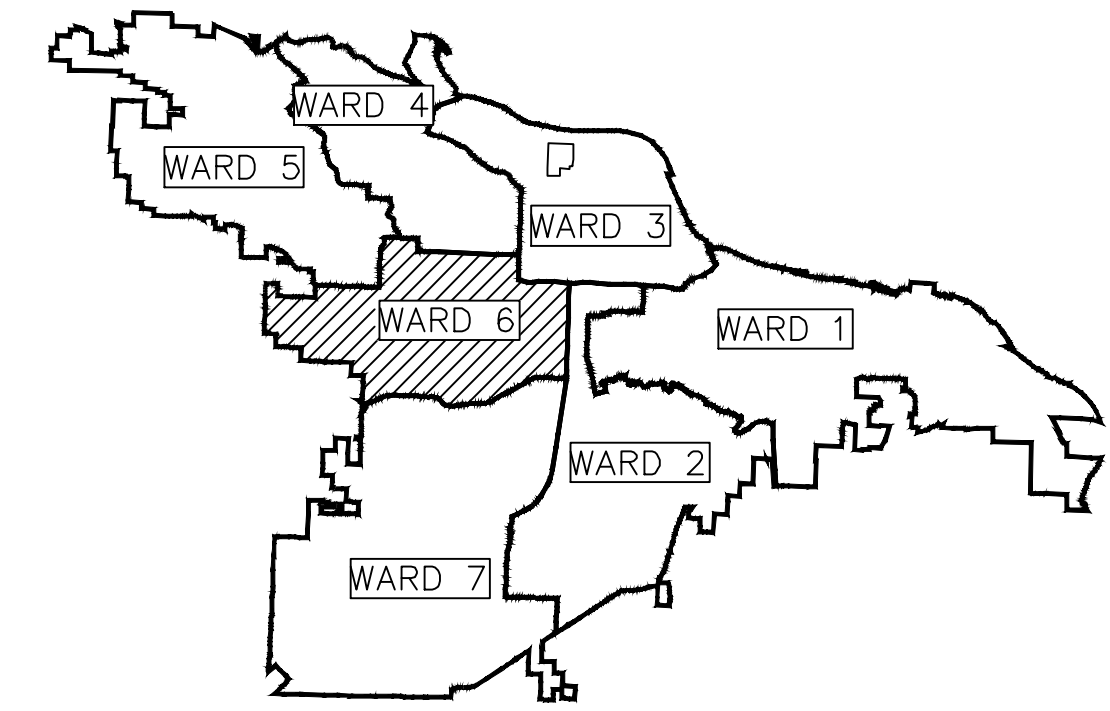


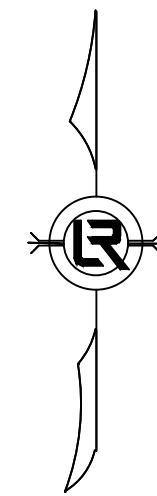
CLR PROJECT 06-22-DR-004

DORCHESTER DRIVE DRAINAGE

LITTLE ROCK, ARKANSAS



PROJECT LOCATION – WARD 6



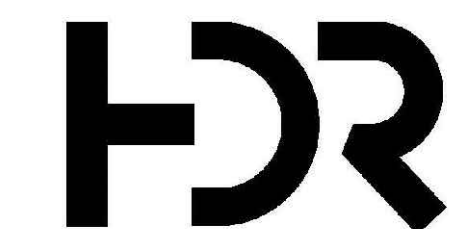
**2023-2025
BOND PROGRAM**

**60% LEVEL
MAY 2024**

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

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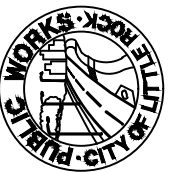


10825 FINANCIAL CENTRE PKWY
SUITE 212
LITTLE ROCK, AR 72211
501-435-3700

REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS
DORCHESTER DRIVE DRAINAGE

COVER SHEET



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



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JAA

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DATE

5/8/24

SCALE

NTS

PROJECT NO.

06-22-DR-004

SHEET NO.

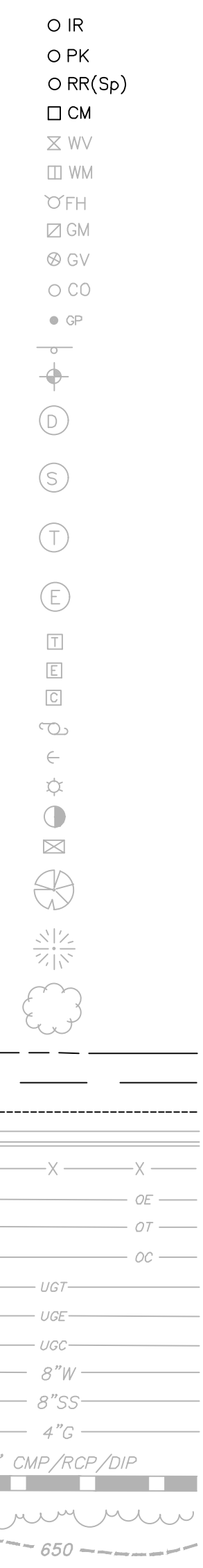
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REVISIONS	DATE

CLR PROJECT 06-22-DR-004			
DORCHESTER DRIVE DRAINAGE			
9-May-24			
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
2.01	SITE PREPARATION	LS	1
3.01	UNCLASSIFIED EXCAVATION	CY	296
8.03	CONCRETE CURB AND GUTTER (CLASS 3)	LF	12
9.01	CONCRETE SIDEWALK	SF	62
10.02	CURB INLET (PW-8)	EA	1
13.01	TIE INTO PROPOSED CURB INLET	EA	1
13.42P	STORM DRAIN PIPE 15"	LF	122
14.01	SOLID SODDING, MATCH EXISTING	SY	185
16.01	MAINTENANCE OF TRAFFIC	LS	1
19.10	FINAL CLEANUP	LS	1
24.05	CONSTRUCTION ENTRANCE	EA	1
24.10	INLET PROTECTION	EA	2
24.11	SILT FENCE - TYPE A (SFA)	LF	280
49.00	TOPSOIL	SY	185
49.14	LANDSCAPING	LS	1
50.00	FENCE REPLACEMENT	LF	100

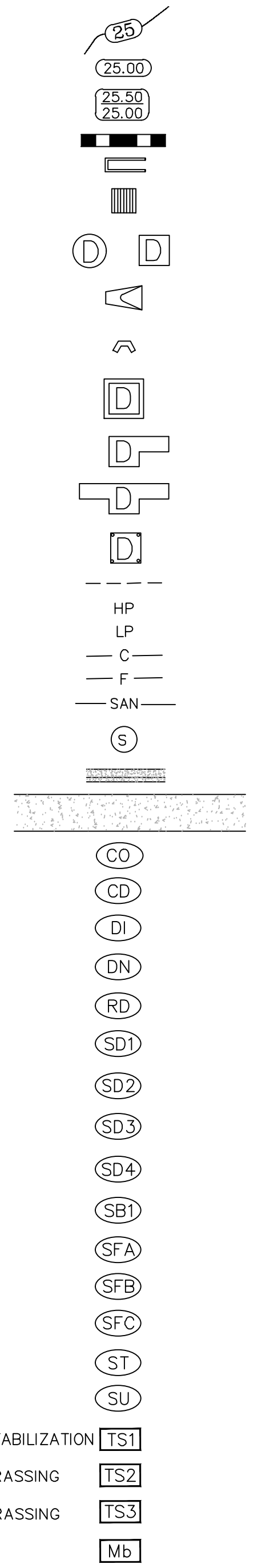
EXISTING

- IRON ROD
- PK NAIL
- R.R. SPIKE
- CONC. MONUMENT
- WATER VALVE
- WATER METER
- FIRE HYDRANT
- GAS METER
- GAS VALVE
- CLEAN-OUT
- GUARD POST (BOLLARD)
- SIGN POST
- BENCHMARK
- STORM SEWER MANHOLE
- SANITARY SEWER MANHOLE
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- 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
- OVERHEAD ELECTRIC
- OVERHEAD TELEPHONE
- OVERHEAD CABLE
- UNDERGROUND TELEPHONE
- UNDERGROUND ELECTRIC
- UNDERGROUND CABLE
- WATER LINE
- SEWER LINE
- GAS LINE
- STORM SEWER/CULVERT
- EDGE OF WOODS
- CONTOUR LINE




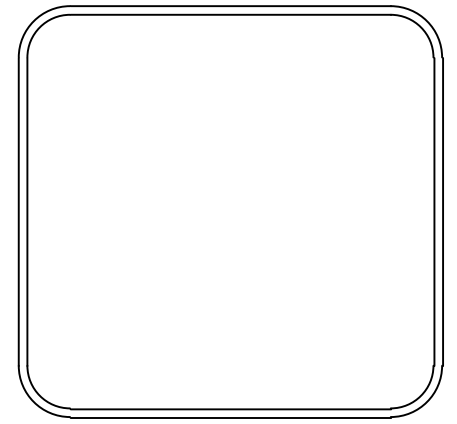
PROPOSED

- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED SPOT CURB ELEVATION
- STORM SEWER - PIPE
- STORM SEWER - METERED END SECTION
- STORM SEWER - GRATE INLET
- STORM SEWER - JUNCTION BOX
- STORM SEWER - FLARED END SECTION
- STORM SEWER - HEADWALL
- STORM SEWER - NO WING
- STORM SEWER - SINGLE WING
- STORM SEWER - DOUBLE WING
- STORM SEWER - AREA INLET
- GRADE BREAK LINE
- HIGH POINT
- LOW POINT
- CUT LINE
- FILL LINE
- SANITARY SEWER PIPE
- SANITARY SEWER MANHOLE
- PROPOSED CURB
- PROPOSED 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
- DISTURBED AREA STABILIZATION - TEMPORARY GRASSING
- DISTURBED AREA STABILIZATION - PERMANENT GRASSING
- MATTING/BLANKETS

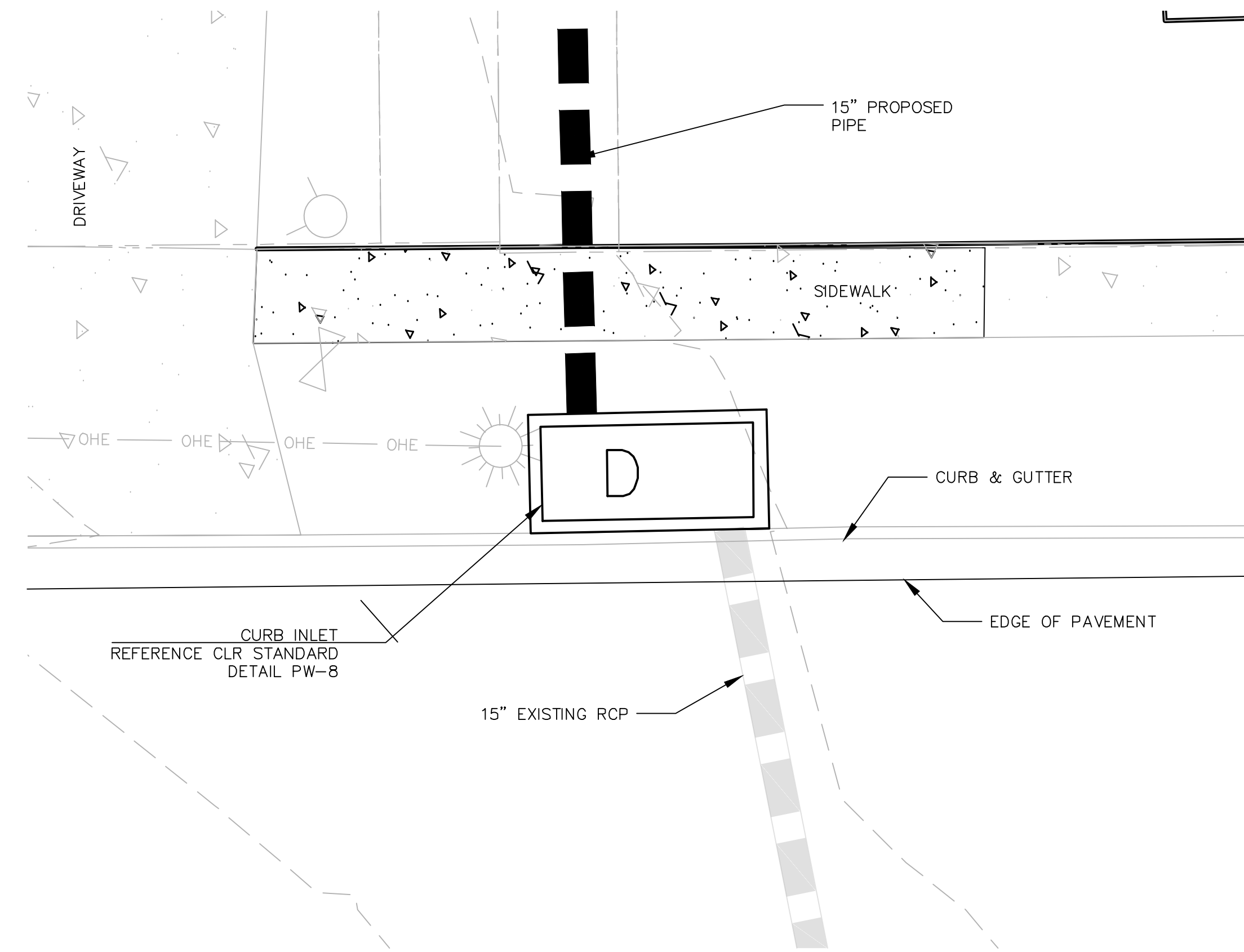


CITY OF LITTLE ROCK, ARKANSAS
DORCHESTER DRIVE DRAINAGE
 GENERAL NOTES, LEGEND, AND QUANTITIES

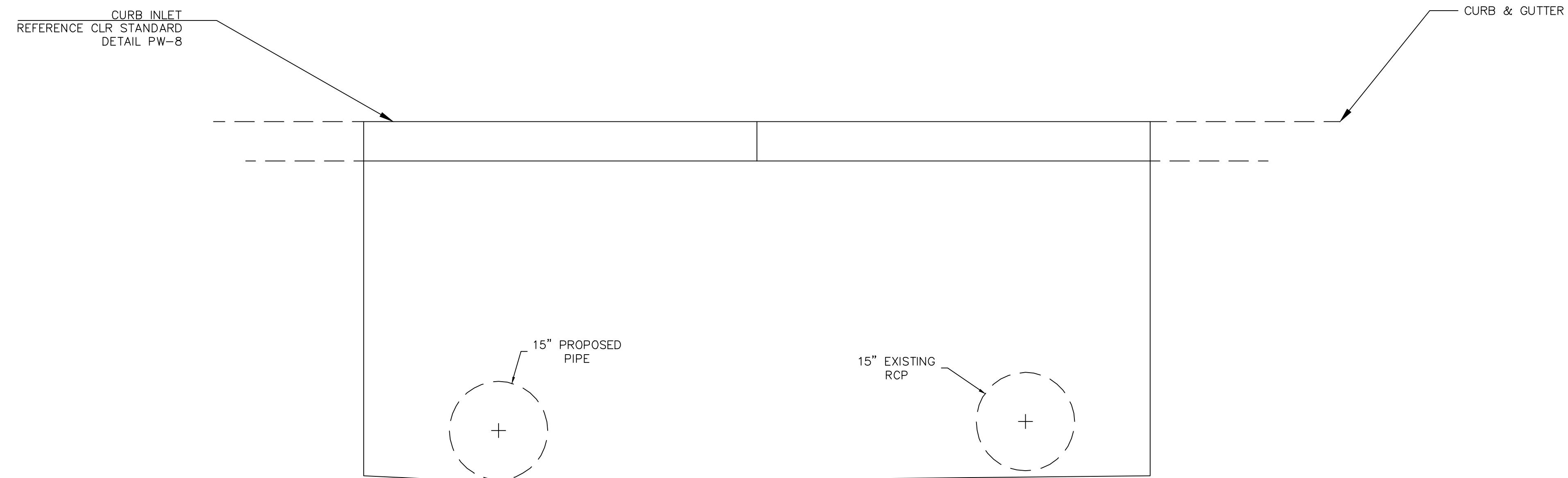

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 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



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SCALE	NTS
PROJECT NO.	06-22-DR-004
SHEET NO.	C2



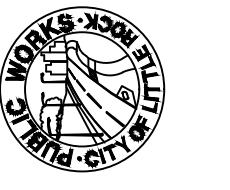
PLAN VIEW



SECTION VIEW

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 DROCHESTER DRIVE DRAINAGE
 SPECIAL DETAILS




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 CIVIL ENGINEERING
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 LITTLE ROCK, ARKANSAS 72201




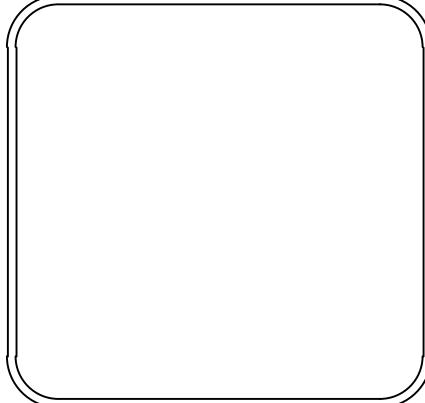
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DESIGNED	VSE
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DATE	5/8/2024
SCALE	NTS
PROJECT NO.	06-22-DR-004
SHEET NO.	C3

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
DROCHESTER DRIVE DRAINAGE
EXISTING LAYOUT & DEMOLITION PLAN



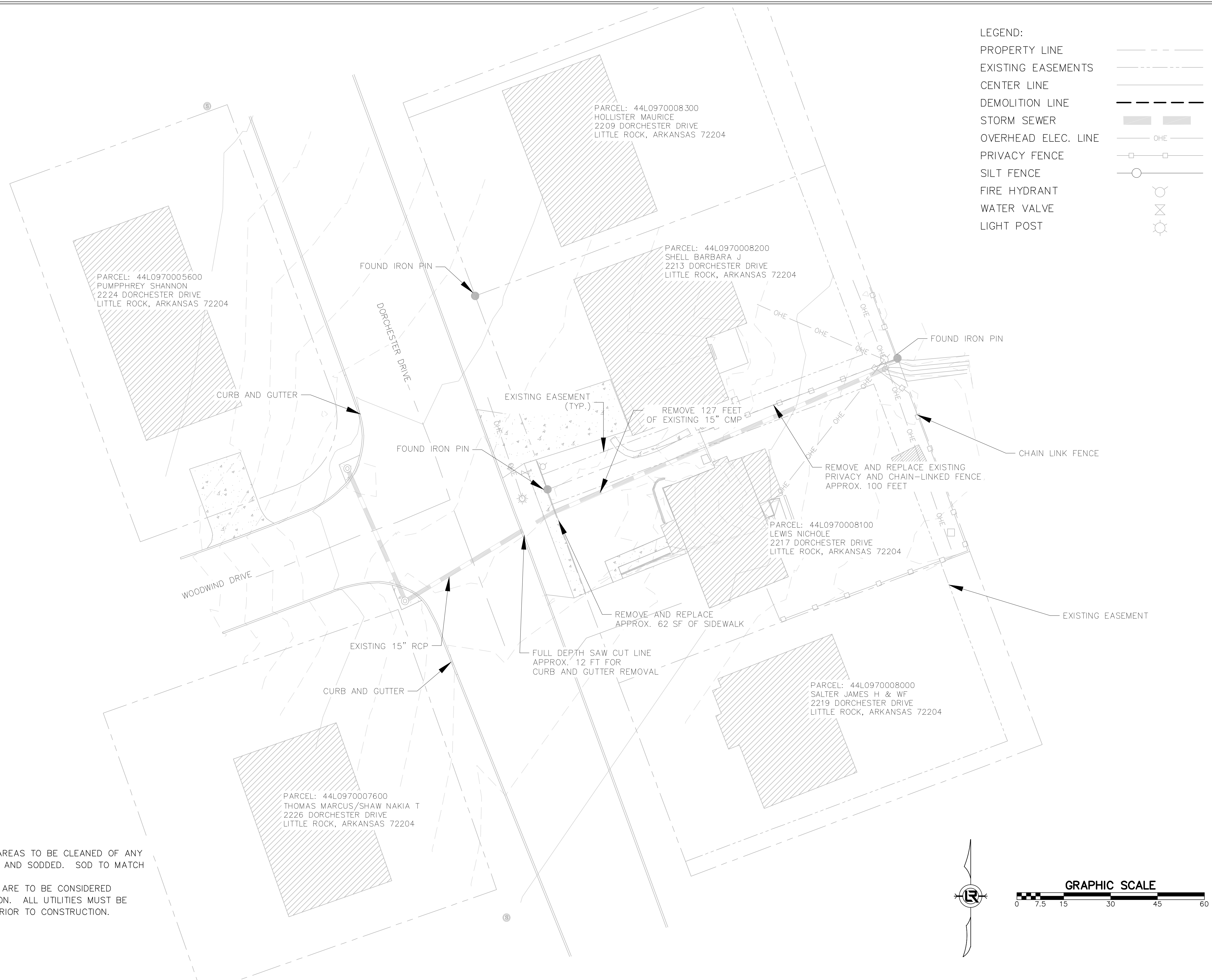
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 LITTLE ROCK, ARKANSAS 72201

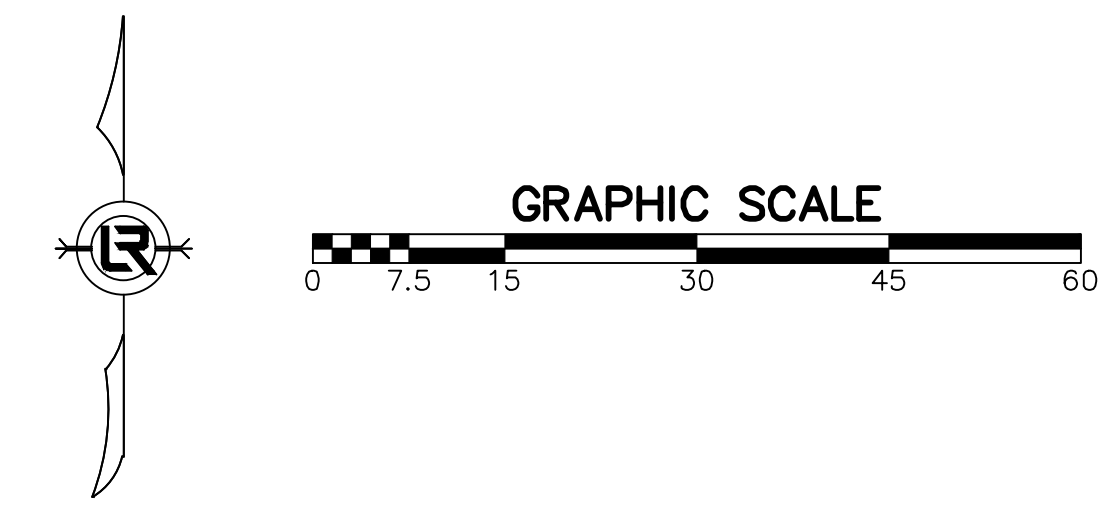
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CHECKED JPC
DATE 5/8/2024
SCALE 1:15
PROJECT NO. 06-22-DR-004
SHEET NO. C4

LEGEND:

PROPERTY LINE	---
EXISTING EASEMENTS	- - - - -
CENTER LINE	—+—+—+—
DEMOLITION LINE	—+—+—+—
STORM SEWER	—+—+—+—
OVERHEAD ELEC. LINE	—+—+—+—
PRIVACY FENCE	—+—+—+—
SILT FENCE	—+—+—+—
FIRE HYDRANT	⊙
WATER VALVE	⊗
LIGHT POST	⊙



- GENERAL NOTE:**
1. ALL DISTURBED AREAS TO BE CLEANED OF ANY DEBRIS, GRADED, AND SODDED. SOD TO MATCH EXISTING GRASS.
 2. UTILITIES SHOWN ARE TO BE CONSIDERED GENERAL LOCATION. ALL UTILITIES MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.



CONDUIT TABLE															
Pipe Label	Start	Invert (Start) (ft)	Stop	Invert (Stop) (ft)	Length (ft)	Slope (ft/ft)	Section Type	Diameter (in)	Manning's n	Flow (cfs)	Velocity (ft/s)	Depth (Out) (ft)	Capacity (Full Flow)	Flow / Capacity (Design) (%)	Depth (Normal) / Rise (%)
CO-1	CB-1	311.25	CB-2	310.32	46.1	0.02	Circle	15	0.013	6.07	7.99	1.07	9.17	66.2	59.4
CO-2	CB-2	310.32	CB-3	309.36	47.8	0.02	Circle	15	0.013	7.13	8.24	1.12	9.15	77.9	66.4
CO-3	CB-3	309.36	O-1	306.85	124.9	0.02	Circle	15	0.013	8.18	8.44	0.92	9.16	89.3	73.7

CATCH BASIN TABLE								
Inlet Label	Elevation (Rim) (ft)	Elevation (Invert) (ft)	Length (ft)	Width (ft)	Capture Efficiency	Flow (Capture)	Hydraulic Grade Line	Spread / Top Width (ft)
CB-1	314.65	311.25	4	4	100	6.07	312.25	0
CB-2	313.5	310.32	4	4	100	1.48	311.39	0
CB-3	313.35	309.36	10	4	100	1.48	310.48	6.2

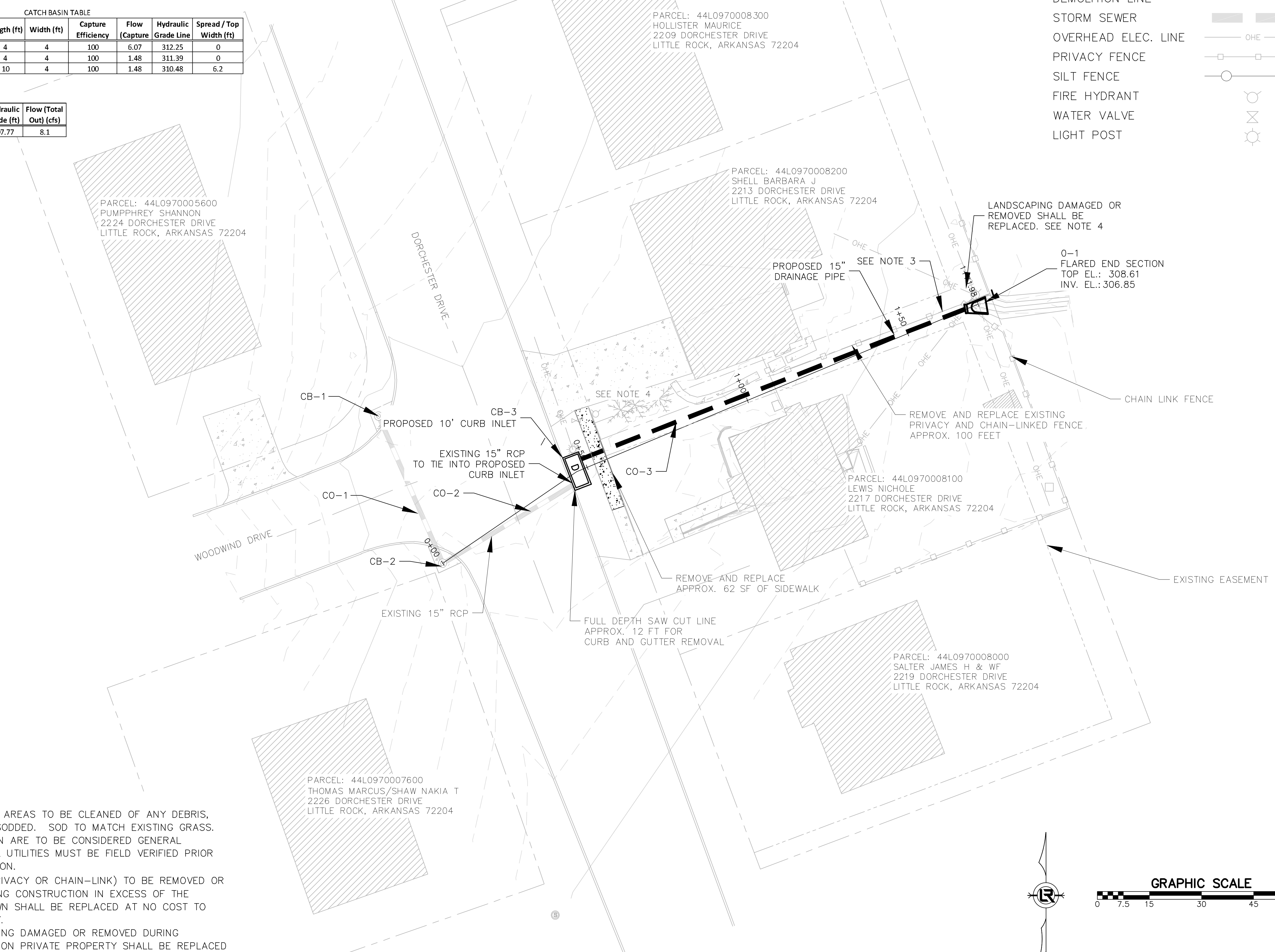
OUTFALL TABLE				
FES Label	Elevation (Ground) (ft)	Elevation (Invert) (ft)	Hydraulic Grade (ft)	Flow (Total Out) (cfs)
O-1	308.53	306.85	307.77	8.1

LEGEND:

- PROPERTY LINE
- EXISTING EASEMENTS
- CENTER LINE
- DEMOLITION LINE
- STORM SEWER
- OVERHEAD ELEC. LINE
- PRIVACY FENCE
- SILT FENCE
- FIRE HYDRANT
- WATER VALVE
- LIGHT POST

REVISIONS	DATE

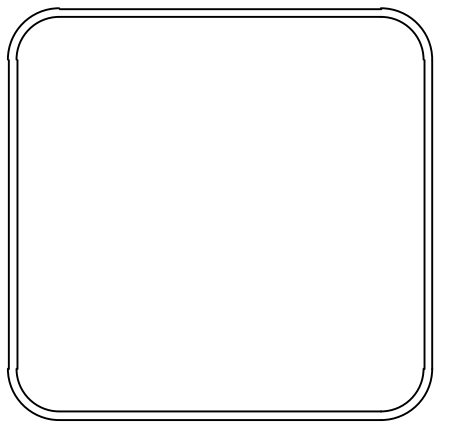
CITY OF LITTLE ROCK, ARKANSAS
DROCHESTER DRIVE DRAINAGE
PROPOSED LAYOUT



- GENERAL NOTE:
- ALL DISTURBED AREAS TO BE CLEANED OF ANY DEBRIS, GRADED, AND SODDED. SOD TO MATCH EXISTING GRASS.
 - UTILITIES SHOWN ARE TO BE CONSIDERED GENERAL LOCATION. ALL UTILITIES MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
 - ANY FENCE (PRIVACY OR CHAIN-LINK) TO BE REMOVED OR DAMAGED DURING CONSTRUCTION IN EXCESS OF THE QUANTITY SHOWN SHALL BE REPLACED AT NO COST TO OWNER OR CITY.
 - ANY LANDSCAPING DAMAGED OR REMOVED DURING CONSTRUCTION ON PRIVATE PROPERTY SHALL BE REPLACED IN KIND WITH NO COST TO OWNER OR CITY.

GRAPHIC SCALE

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



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5/8/2024

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06-22-DR-004

SHEET NO.
C5

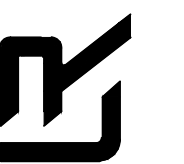
REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS
DROCHESTER DRIVE DRAINAGE

PLAN AND PROFILE



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



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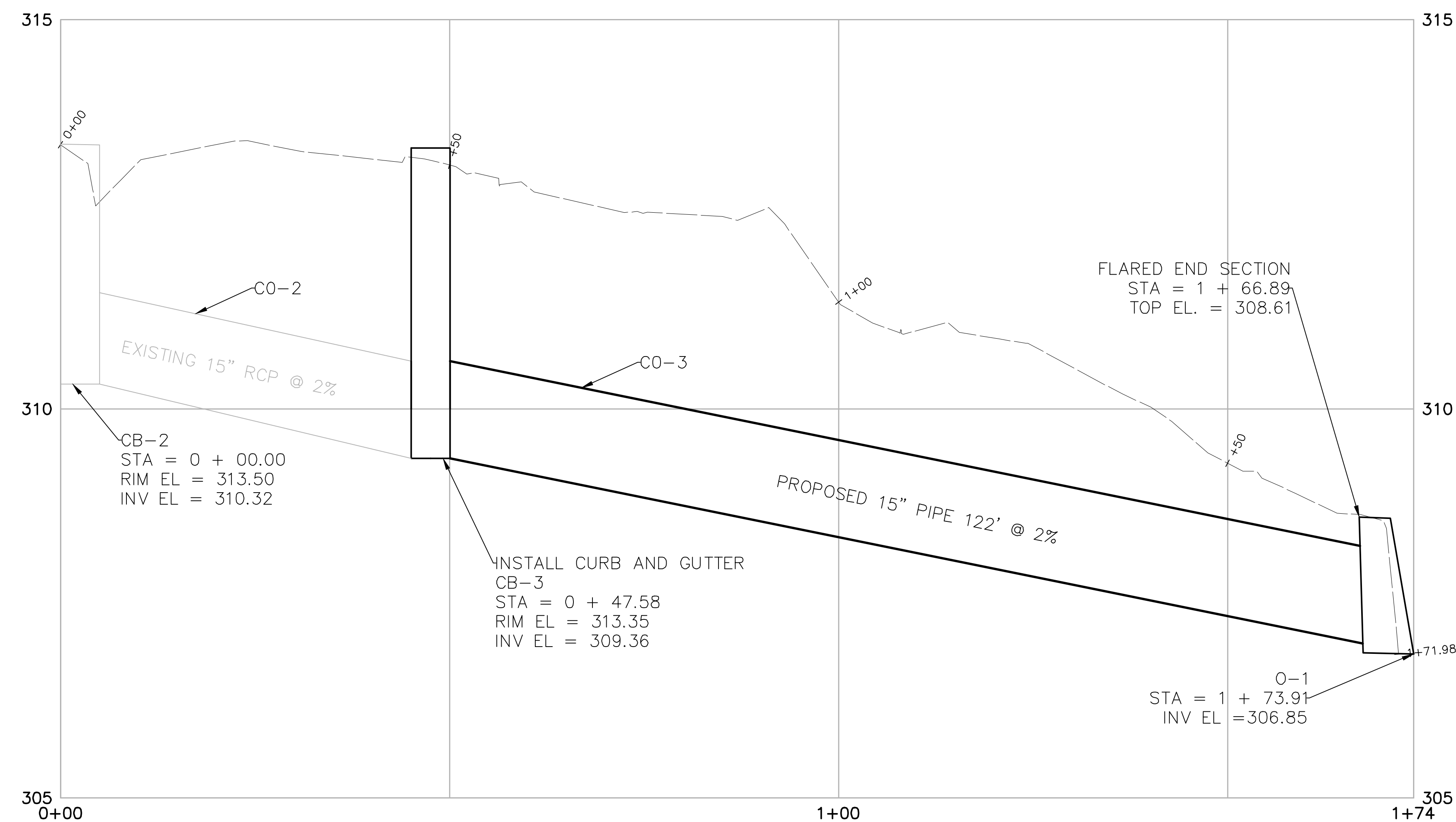
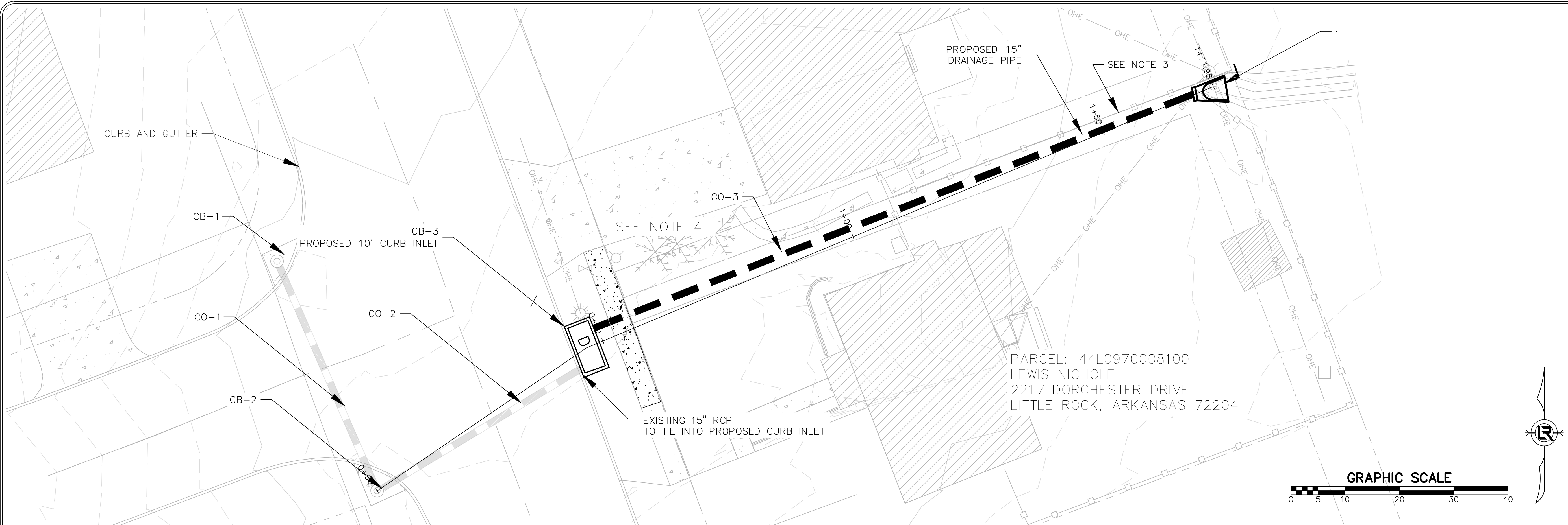
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PROJECT NO.

06-22-DR-004

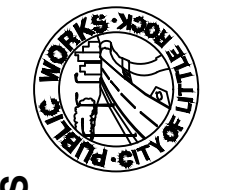
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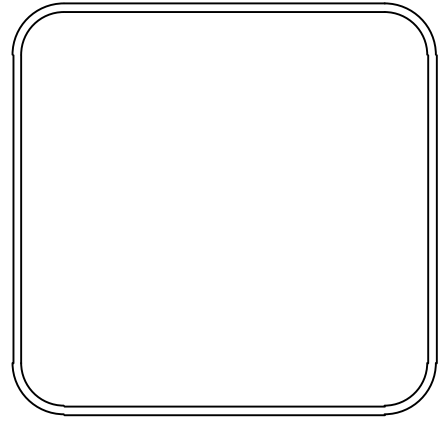
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REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
DROCHESTER DRIVE DRAINAGE
EROSION CONTROL PHASE 1

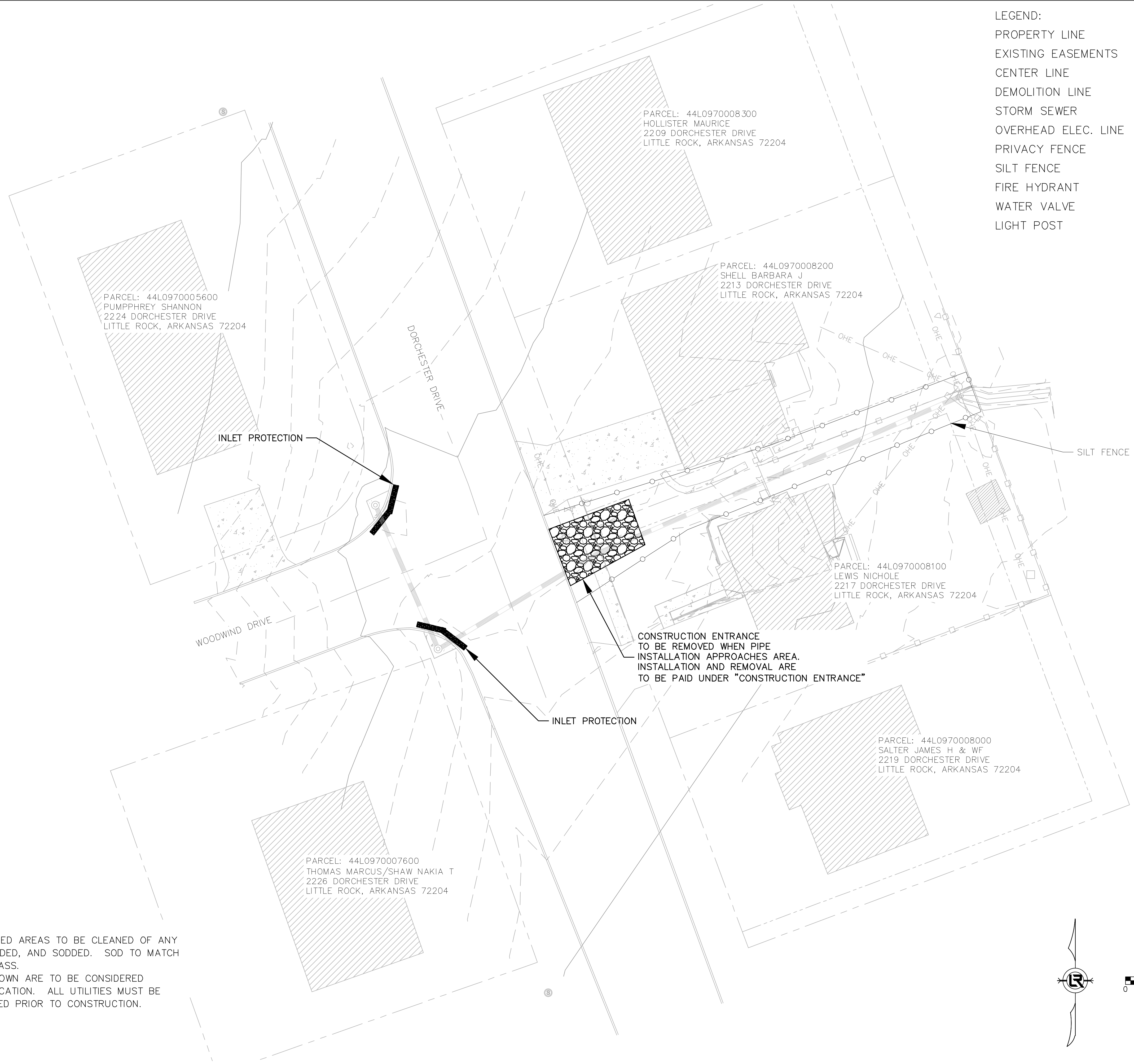

DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



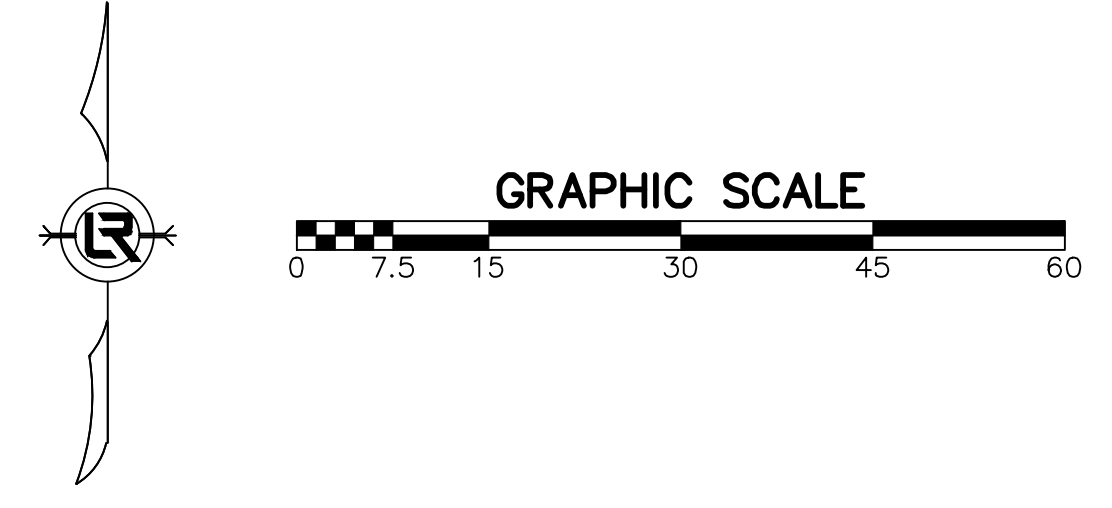
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PROJECT NO.
06-22-DR-004
SHEET NO.
C7

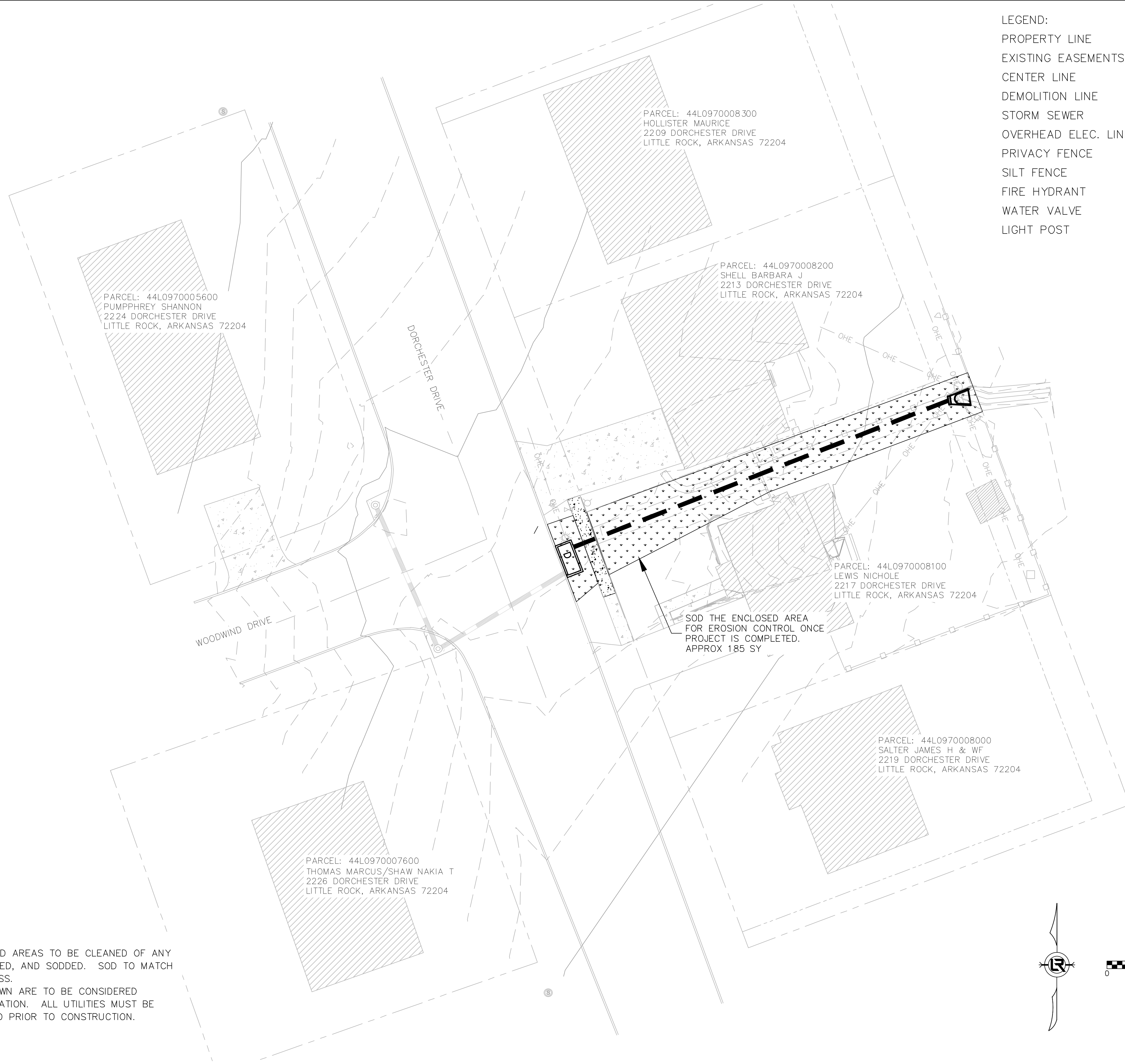
LEGEND:

PROPERTY LINE	---
EXISTING EASEMENTS	- - - - -
CENTER LINE	—+—+—+—
DEMOLITION LINE	—+—+—+—
STORM SEWER	▬▬▬▬▬▬
OVERHEAD ELEC. LINE	—○—○—○—
PRIVACY FENCE	—□—□—□—
SILT FENCE	—○—○—○—
FIRE HYDRANT	⊗
WATER VALVE	⊗
LIGHT POST	⊗



- GENERAL NOTE:
1. ALL DISTURBED AREAS TO BE CLEANED OF ANY DEBRIS, GRADED, AND SODDED. SOD TO MATCH EXISTING GRASS.
 2. UTILITIES SHOWN ARE TO BE CONSIDERED GENERAL LOCATION. ALL UTILITIES MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

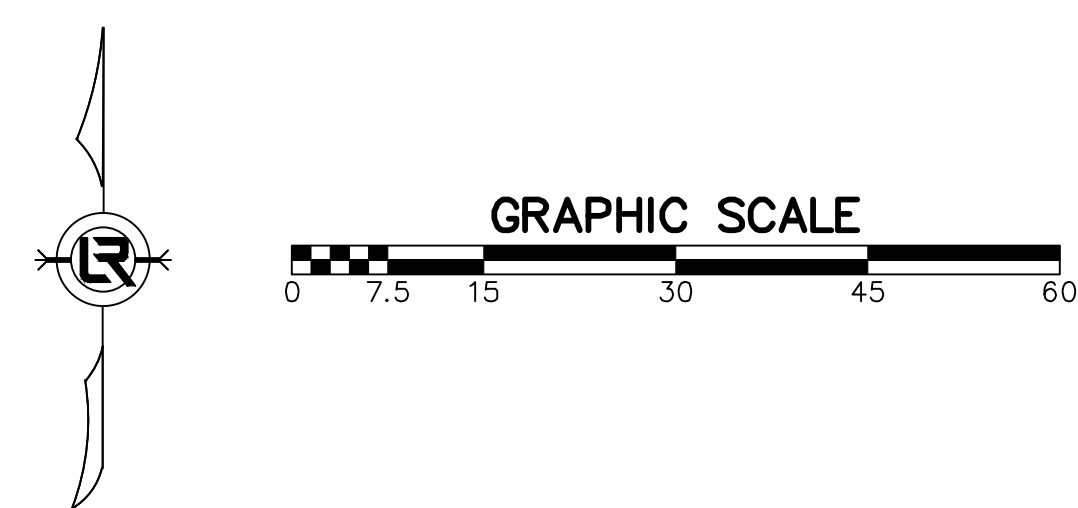




LEGEND:


PROPERTY LINE	---
EXISTING EASEMENTS	- - - - -
CENTER LINE	—+—+—+—
DEMOLITION LINE	—+—+—+—
STORM SEWER	▬▬▬▬▬
OVERHEAD ELEC. LINE	— OHE —
PRIVACY FENCE	— □ — □ —
SILT FENCE	— ○ —
FIRE HYDRANT	⊙
WATER VALVE	⊗
LIGHT POST	⊙

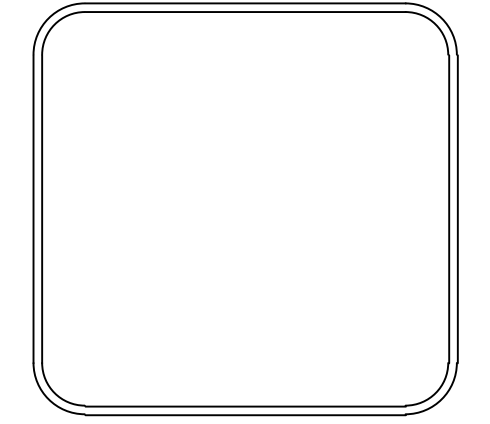
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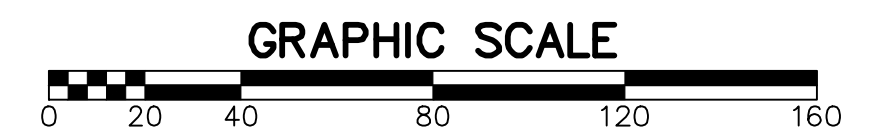
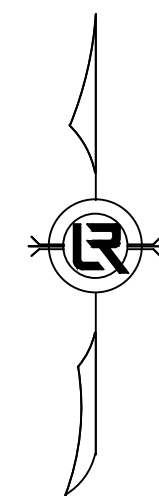
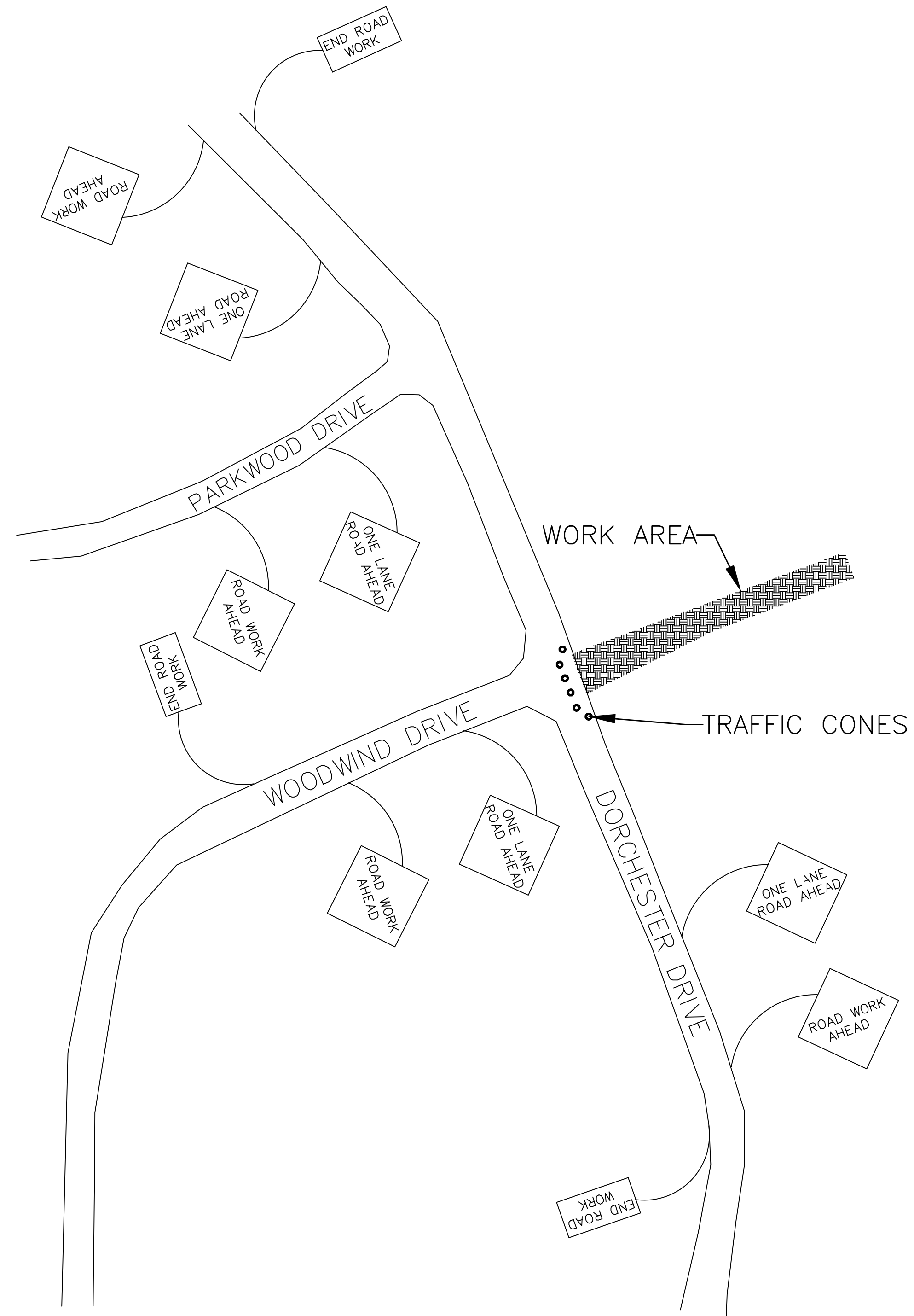
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CITY OF LITTLE ROCK, ARKANSAS
DORCHESTER DRIVE DRAINAGE
EROSION CONTROL PHASE 2


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 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



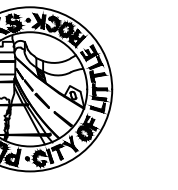
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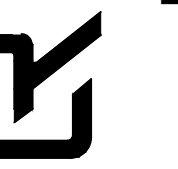
REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS
DROCHESTER DRIVE DRAINAGE

TRAFFIC CONTROL



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CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



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C9