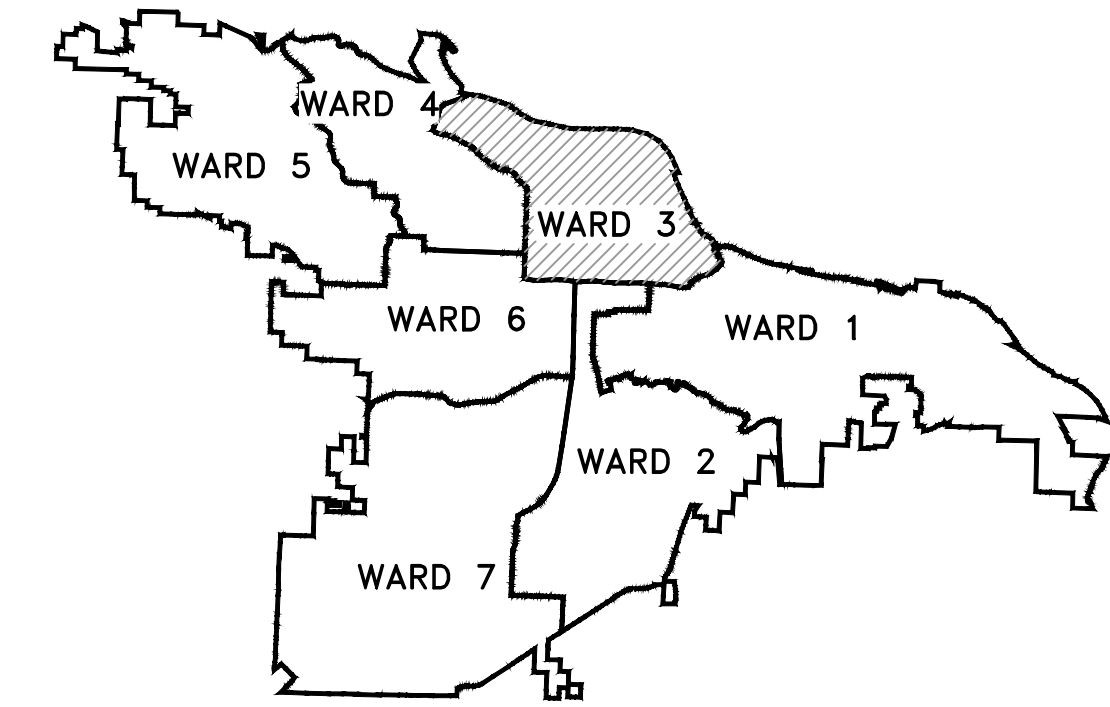


CLR PROJECT #3-17-DR-101

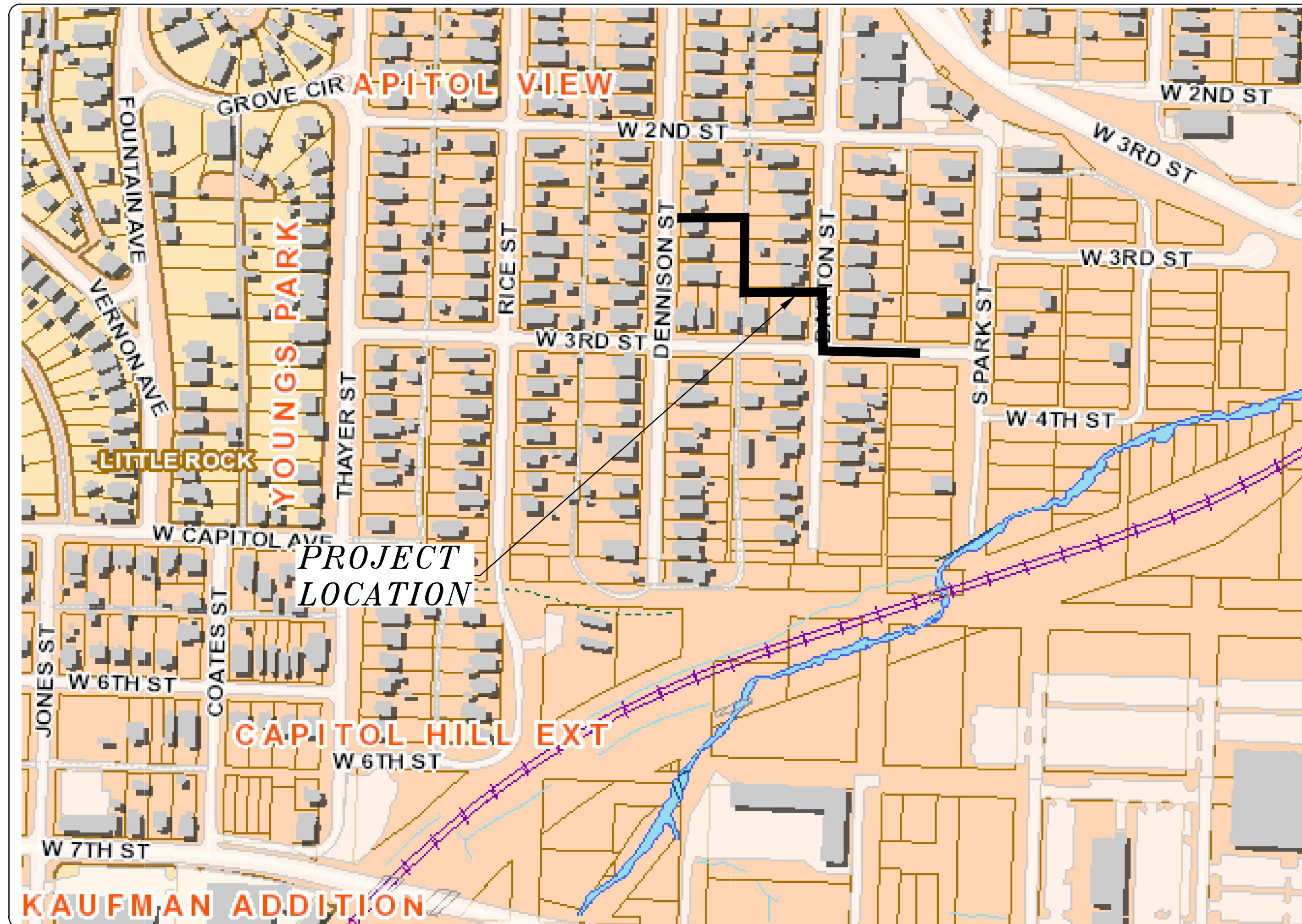
BARTON STREET

DRAINAGE IMPROVEMENTS

LITTLE ROCK, ARKANSAS



PROJECT LOCATION - WARD 1



SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND
C3	TYPICAL SECTIONS
C4	PLAN & PROFILE - STA. 0+00 TO STA. 2+50
C5	PLAN & PROFILE - STA. 2+50 TO STA. 7+49
C6	DETAILS
C7	DRIVEWAY PLANS
C8	CROSS-SECTIONS - STA. 0+00 TO STA. 2+50
C9	CROSS-SECTIONS - STA. 3+00 TO STA. 5+50
C10	CROSS-SECTIONS - STA. 6+00 TO 7+49
C11	EROSION CONTROL - STA. 0+00 TO STA. 7+49
C12	DRAINAGE MAP



2019-2021
BOND PROGRAM

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



Know what's below.
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13000 CANTRELL ROAD
LITTLE ROCK, AR 72223
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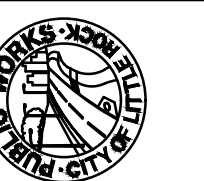
PRELIMINARY- 60% SUBMITTAL

REVISIONS DATE

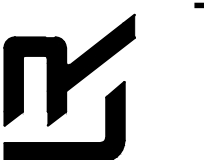
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BARTON STREET - DRAINAGE IMPROVEMENTS

COVER SHEET



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



DRAWN BY

KP

DESIGNED

KP

CHECKED

JB

DATE

07-31-19

SCALE

NTS

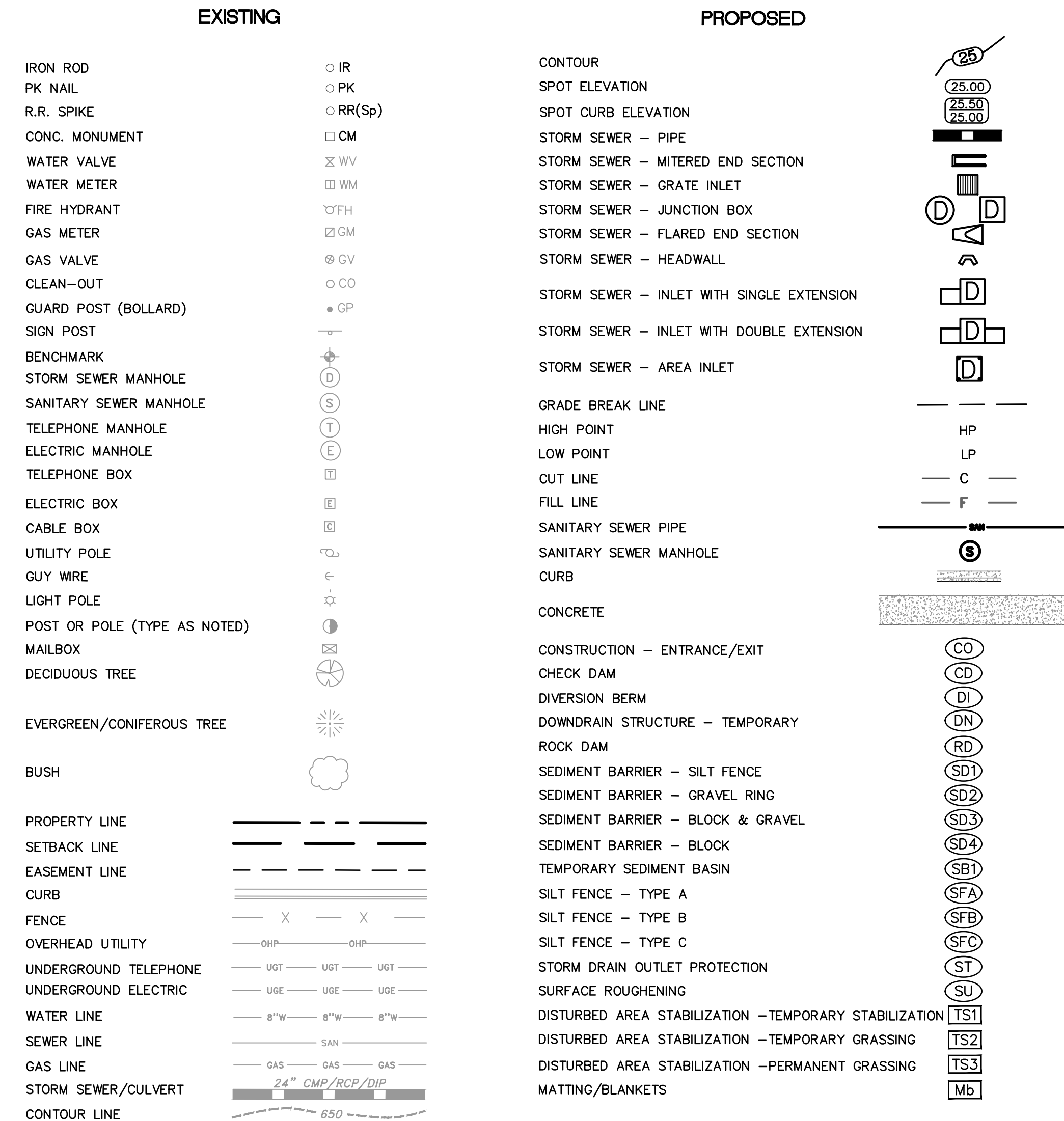
PROJECT NO.

3-17-DR-101

SHEET NO.

C1

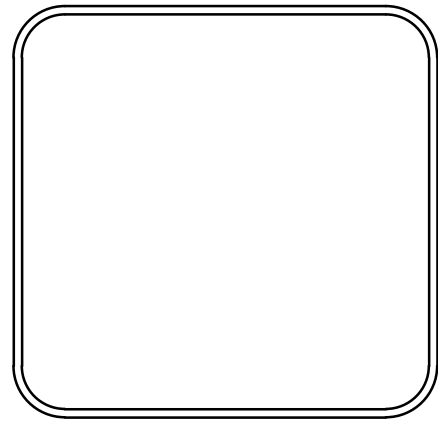
CLR PROJECT# 3-17-DR-101		
BARTON STREET- DRAINAGE		
July 31, 2019		
ITEM DESCRIPTION	UNIT	QUANTITY
SITE PREPARATION	L.S.	1
CLEARING AND GRUBBING	L.S.	1
TOPSOIL (6")	C.Y.	55
AGGREGATE BASE COURSE	TON	41
ACHM SURFACE COURSE	TON	18
CONCRETE DRIVEWAY (4" THICK), STANDARD FINISH	SF	2,159
CONCRETE CURB AND GUTTER (CLASS 1)	L.F.	59
CONCRETE SIDEWALK (4" THICK)	S.F.	1,653
JUNCTION BOX (FOR COMBINATION INLET - 1)	EA.	1
GRATE INLET	E.A.	1
CURB INLET - 4' BOX	EA.	3
WING 3' EXTENSION	EA.	6
REINFORCED CONCRETE RECAST HEADWALL	EA.	1
SIDE DRAIN, 18" RCP	L.F.	12
CROSS DRAIN, 24" RCP (PIPES 3, 4 & 8)	L.F.	179
SIDE DRAIN, 24" RCP (PIPES 1, 2, 5, 6 & 7)	L.F.	394
SIDE DRAIN, 36" RCP	L.F.	177
TIE INTO EXISTING JUNCTION BOX	EA.	2
CONCRETE PLUG ON EXISTING STORM DRAIN	E.A.	4
TIE INTO EXISTING BOX CULVERT	EA.	3
MAINTENANCE OF TRAFFIC	L.S.	1
WATER FOR DUST CONTROL	GAL	200
FINAL CLEANUP	L.S.	1
CONSTRUCTION ENTRANCE (CO)	EA.	4
SEDIMENT BARRIER, SILT FENCE (SD1)	EA.	3
SEDIMENT BARRIER, BLOCK (SD4)	EA.	3
SILT FENCE - TYPE A (SFA)	L.F.	1,043
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION (TS1)	AC.	1
DISTURBED AREA STABILIZATION - PERMANENT GRASSING (TS3)	AC.	1
FENCE CHAIN LINK (4')	L.F.	15
FENCE WOOD (6')	L.F.	48
TRENCH AND EXCAVATION SAFETY	L.S.	1
NEENAH COMBINATION INLET W/ CURB BOX R-3010, TYPE R	EA.	1



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BARTON STREET- DRAINAGE IMPROVEMENTS
LEGEND

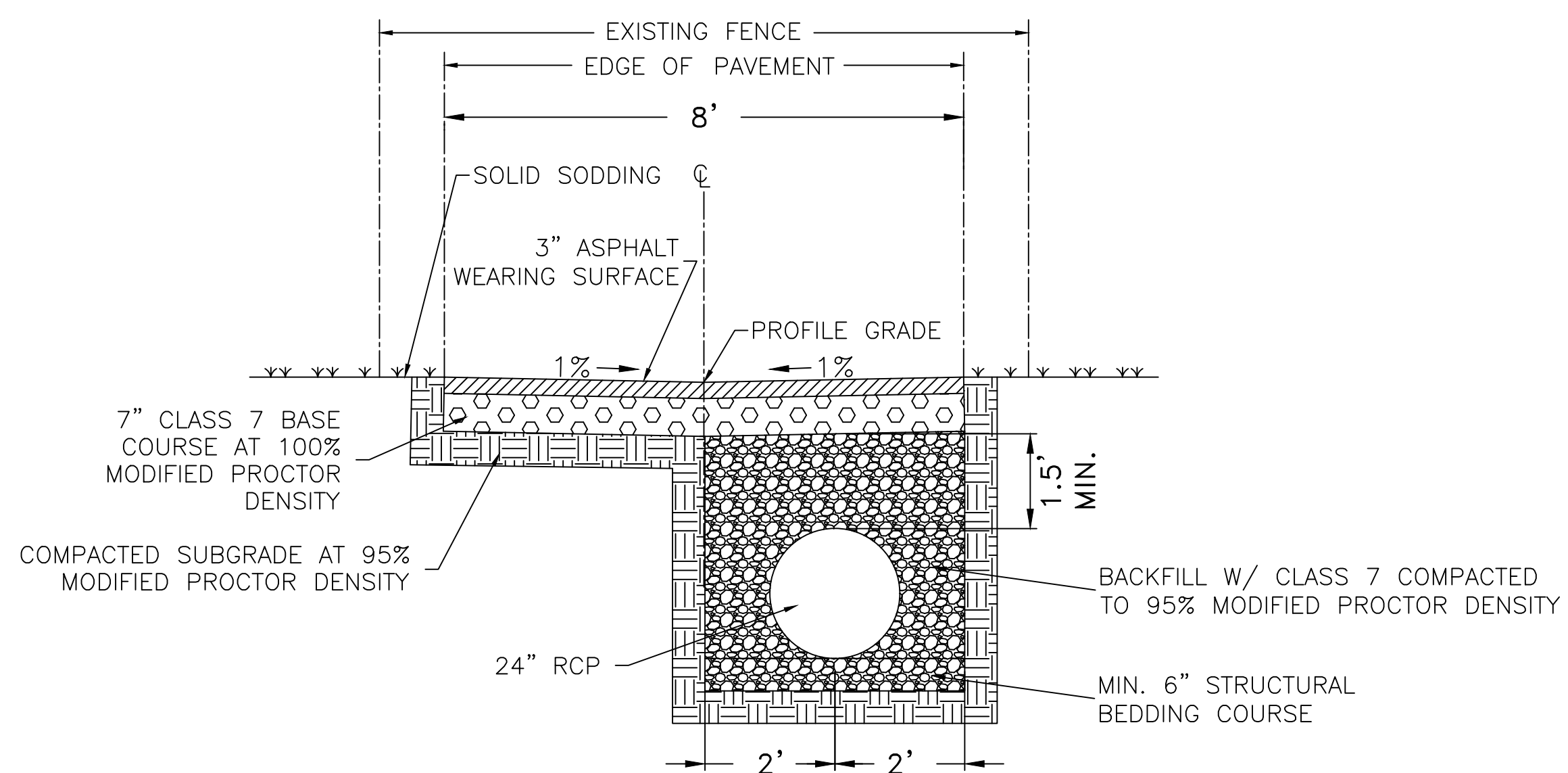
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



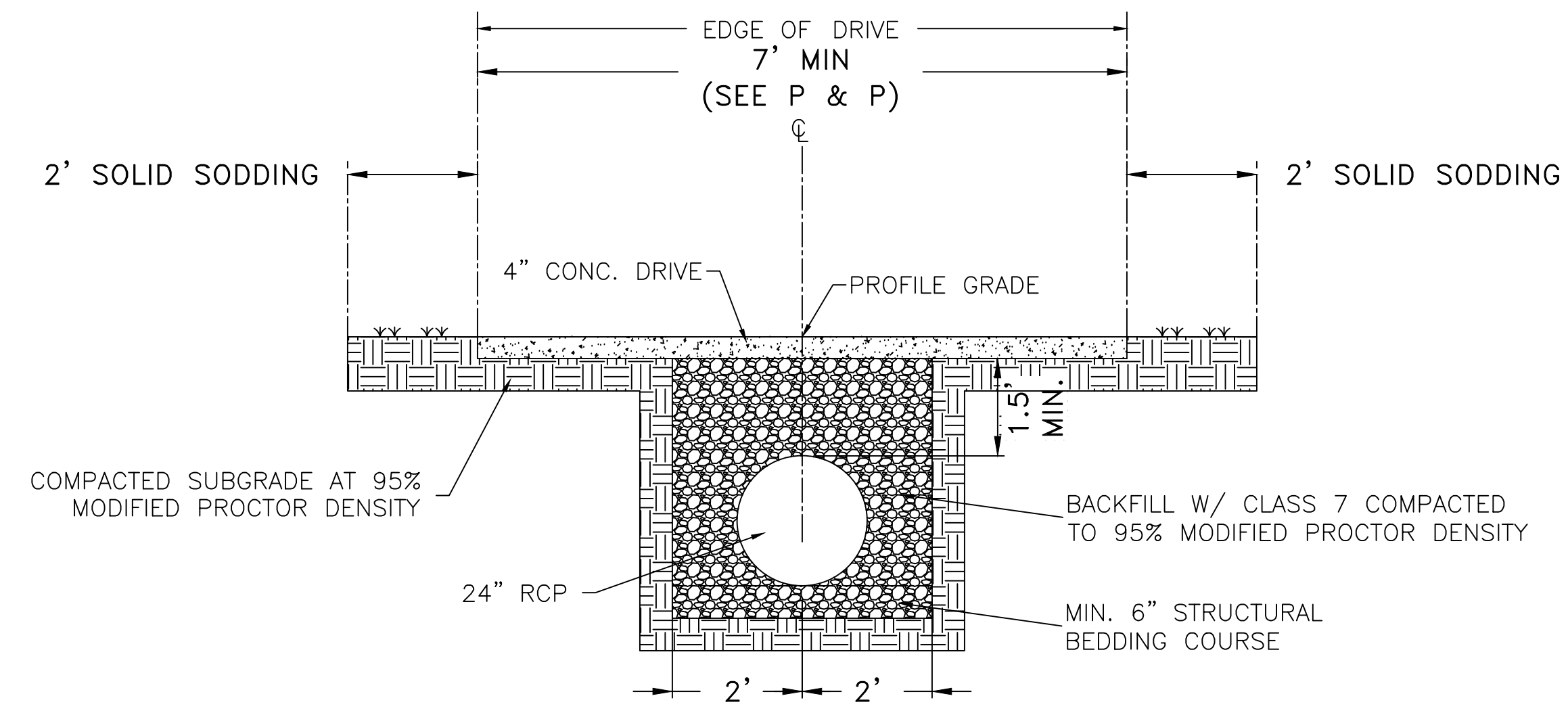
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DATE	07-31-19
SCALE	NTS
PROJECT NO.	3-17-DR-101
SHEET NO.	C2

PRELIMINARY- 60% SUBMITTAL

REVISIONS	DATE



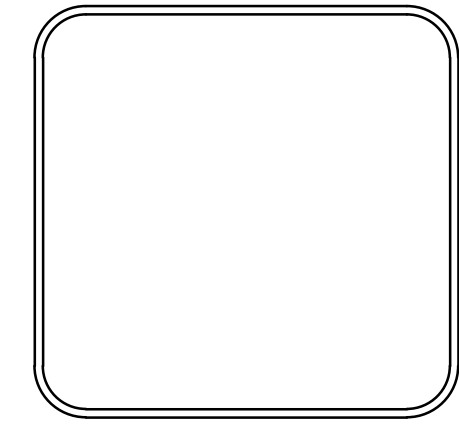
TYPICAL SECTION
STA 1+60 TO 3+10



TYPICAL SECTION
STA 3+10 TO 4+59

CITY OF LITTLE ROCK, ARKANSAS
BARTON STREET - DRAINAGE IMPROVEMENTS
TYPICAL SECTIONS

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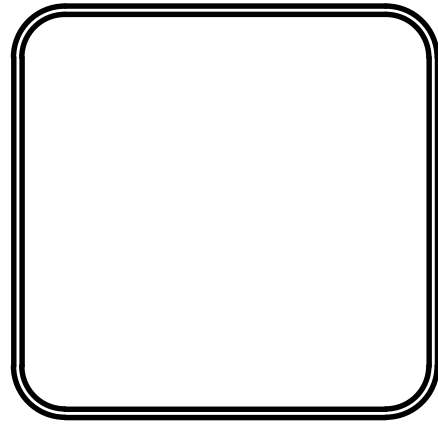
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CHECKED JB
DATE 07-31-19
SCALE NTS
PROJECT NO. 3-17-DR-101
SHEET NO. C3

PRELIMINARY- 60% SUBMITTAL

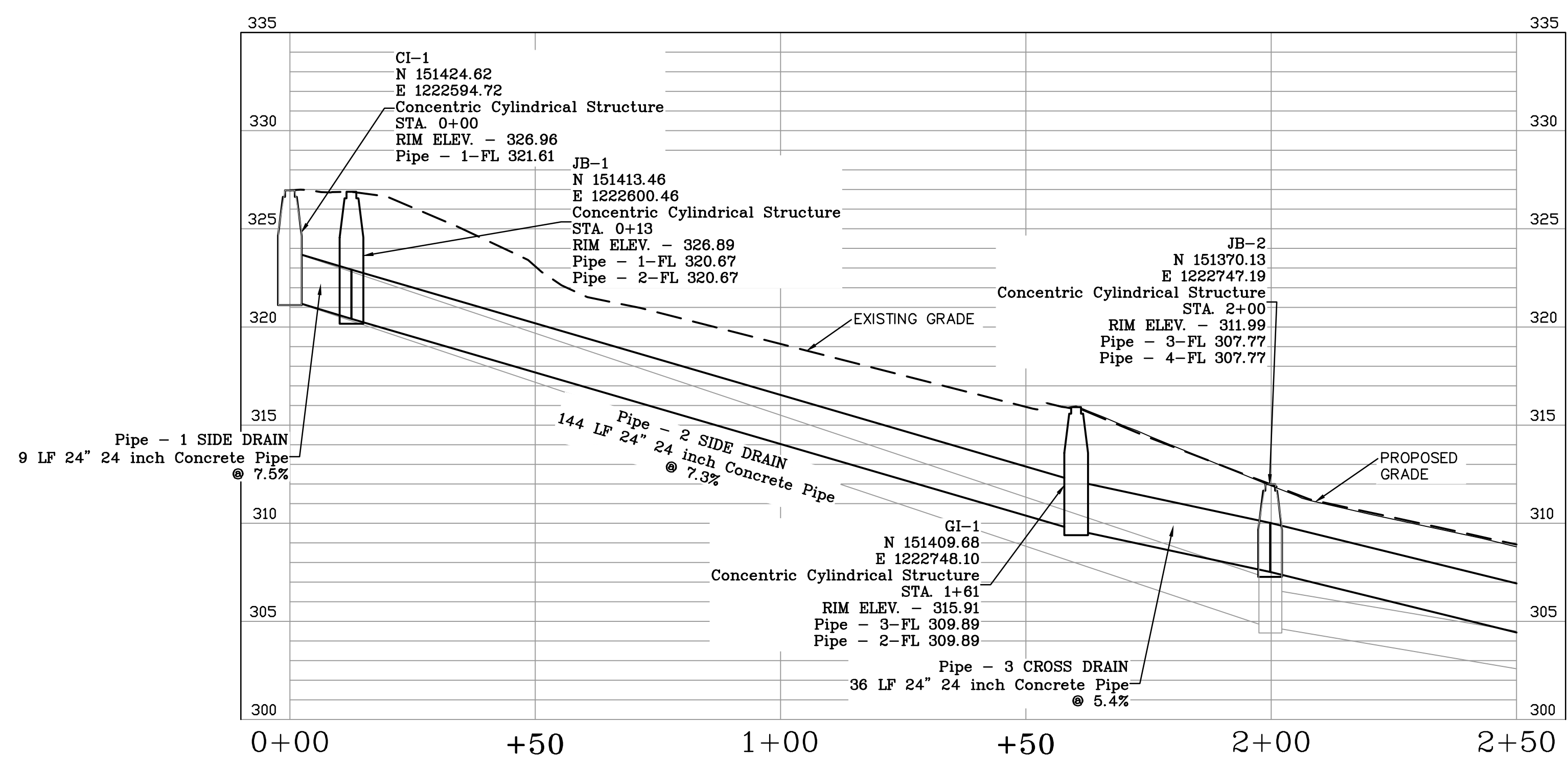
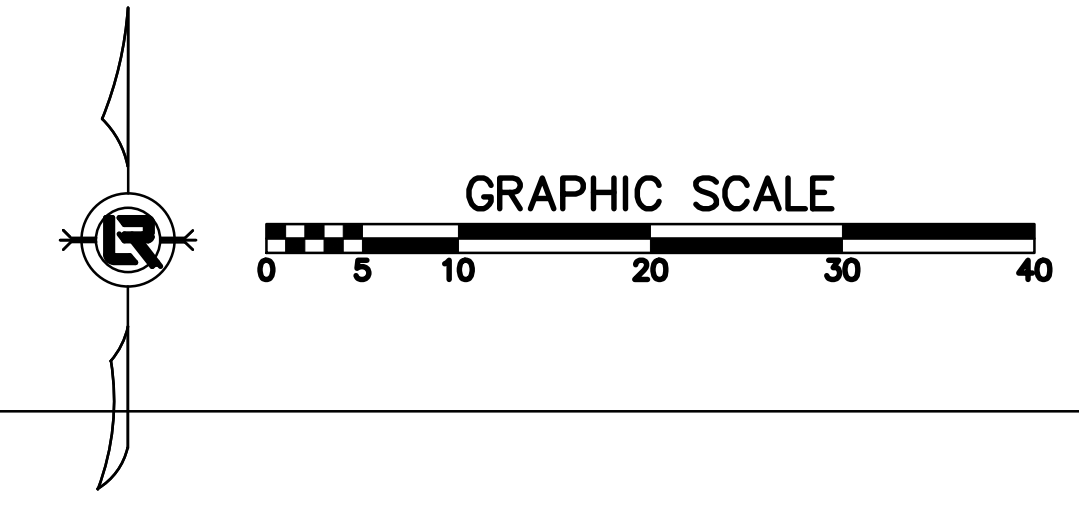
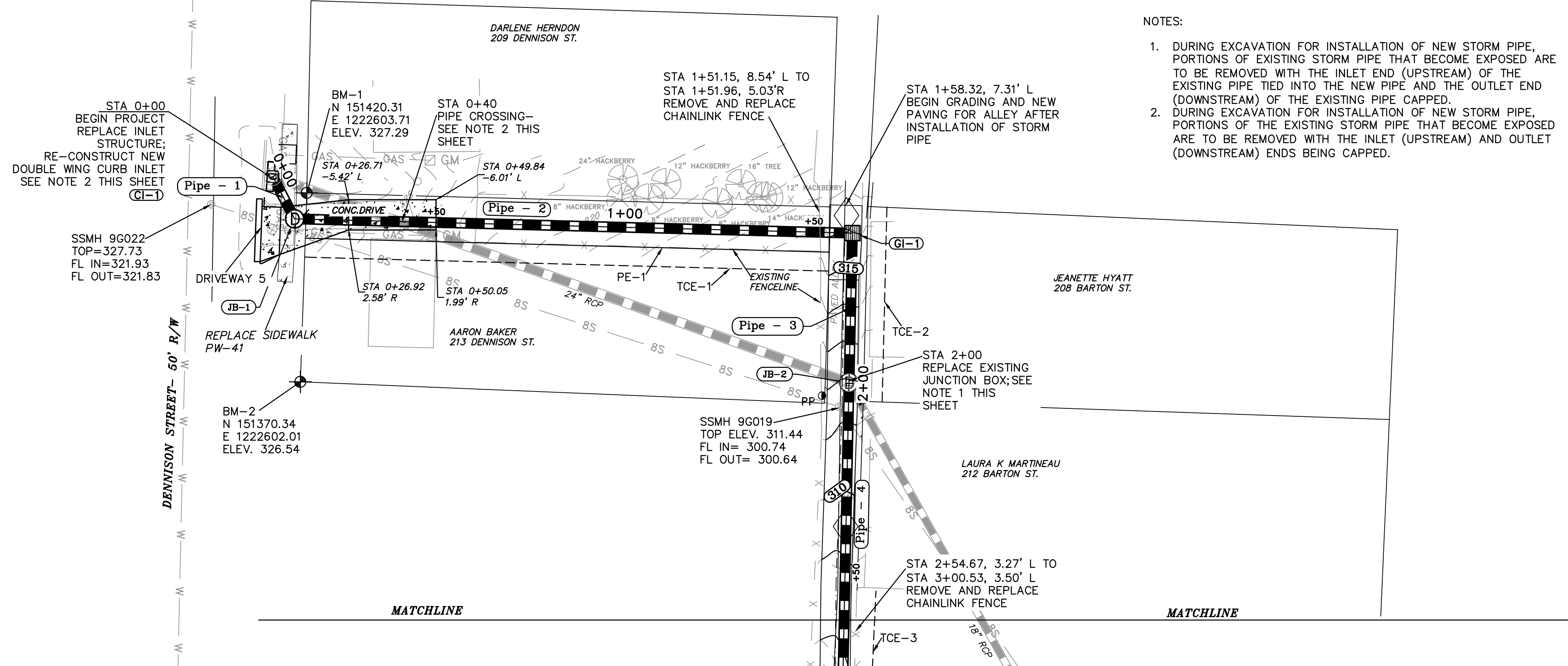
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BARTON STREET DRAINAGE IMPROVEMENTS
 STA 0+00 TO STA 2+50 PLAN & PROFILE


 DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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 LITTLE ROCK, ARKANSAS 72201



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DESIGNED KP
CHECKED RB
DATE 7-31-19
SCALE 1"=20'H, 1"=5'V
PROJECT NO. 3-17-DR-101
SHEET NO. C4


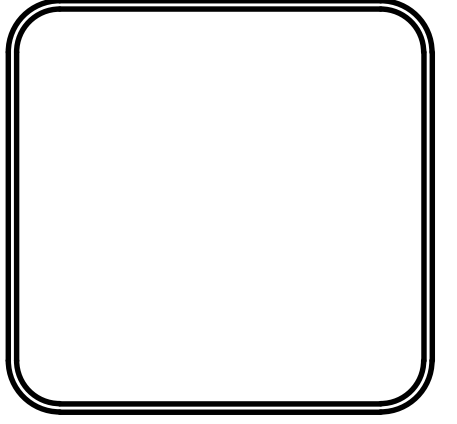


PRELIMINARY- 60% SUBMITTAL

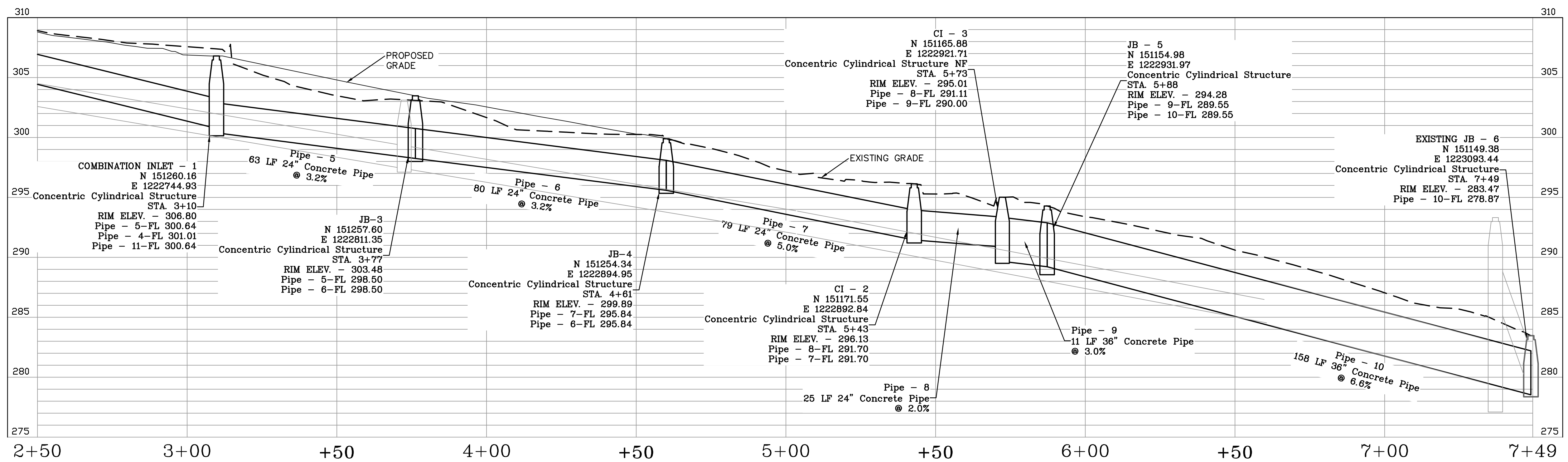
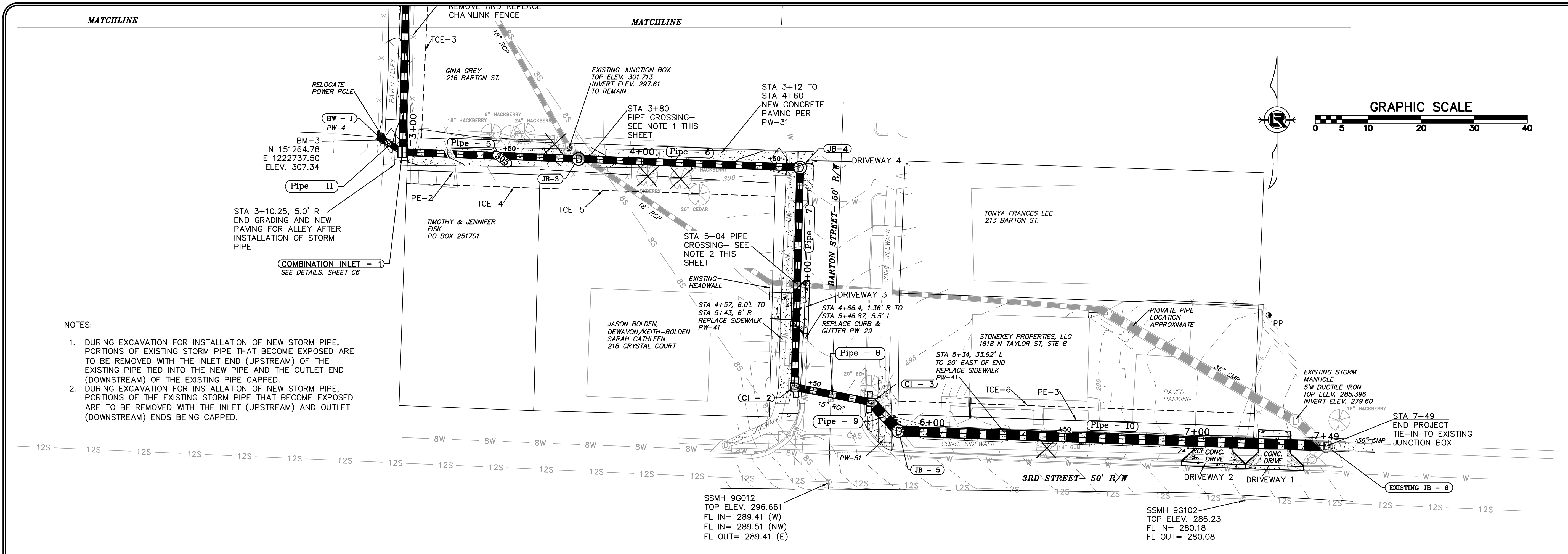
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BARTON STREET DRAINAGE IMPROVEMENTS
 STA 2+50 TO STA 5+71 PLAN & PROFILE

DEPARTMENT OF PUBLIC WORKS
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 JB
 DESIGNED
 KP
 CHECKED
 RB
 DATE
 07-31-19
 SCALE
 1"=20'H, 1"=5'V
 PROJECT NO.
 3-17-DR-101
 SHEET NO.
C5



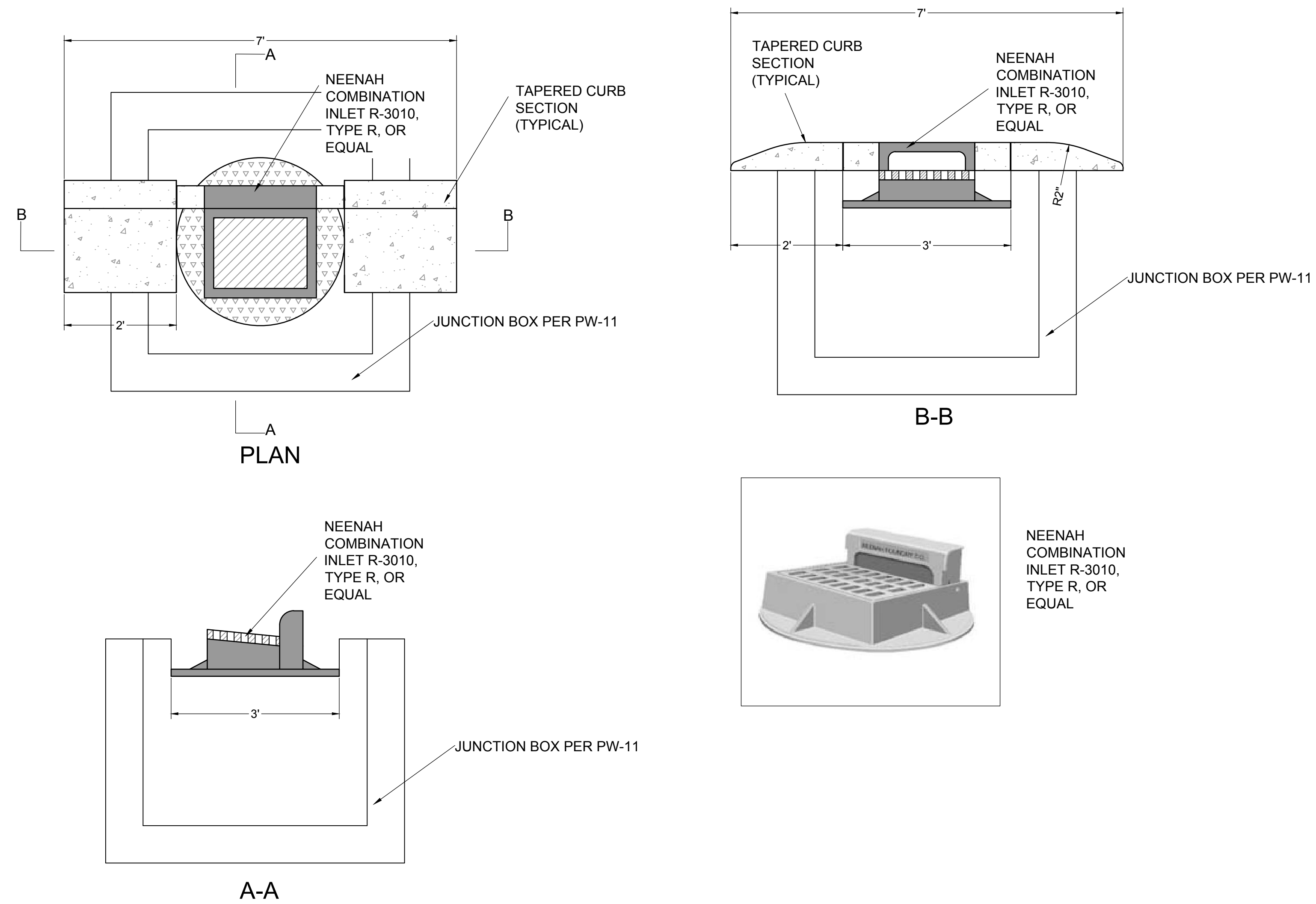
PRELIMINARY- 60% SUBMITTAL



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DESIGNED
KP
CHECKED
RB
DATE
07-31-19
SCALE
NTS
PROJECT NO.
3-17-DR-101
SHEET NO.

C6

COMBINATION INLET

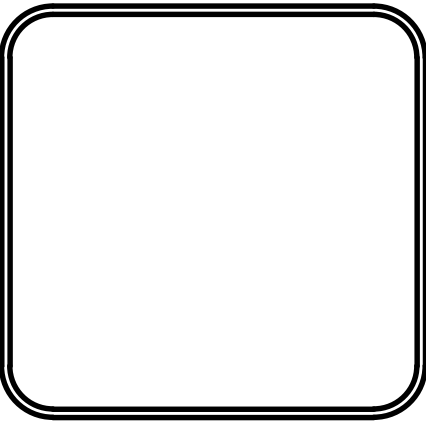


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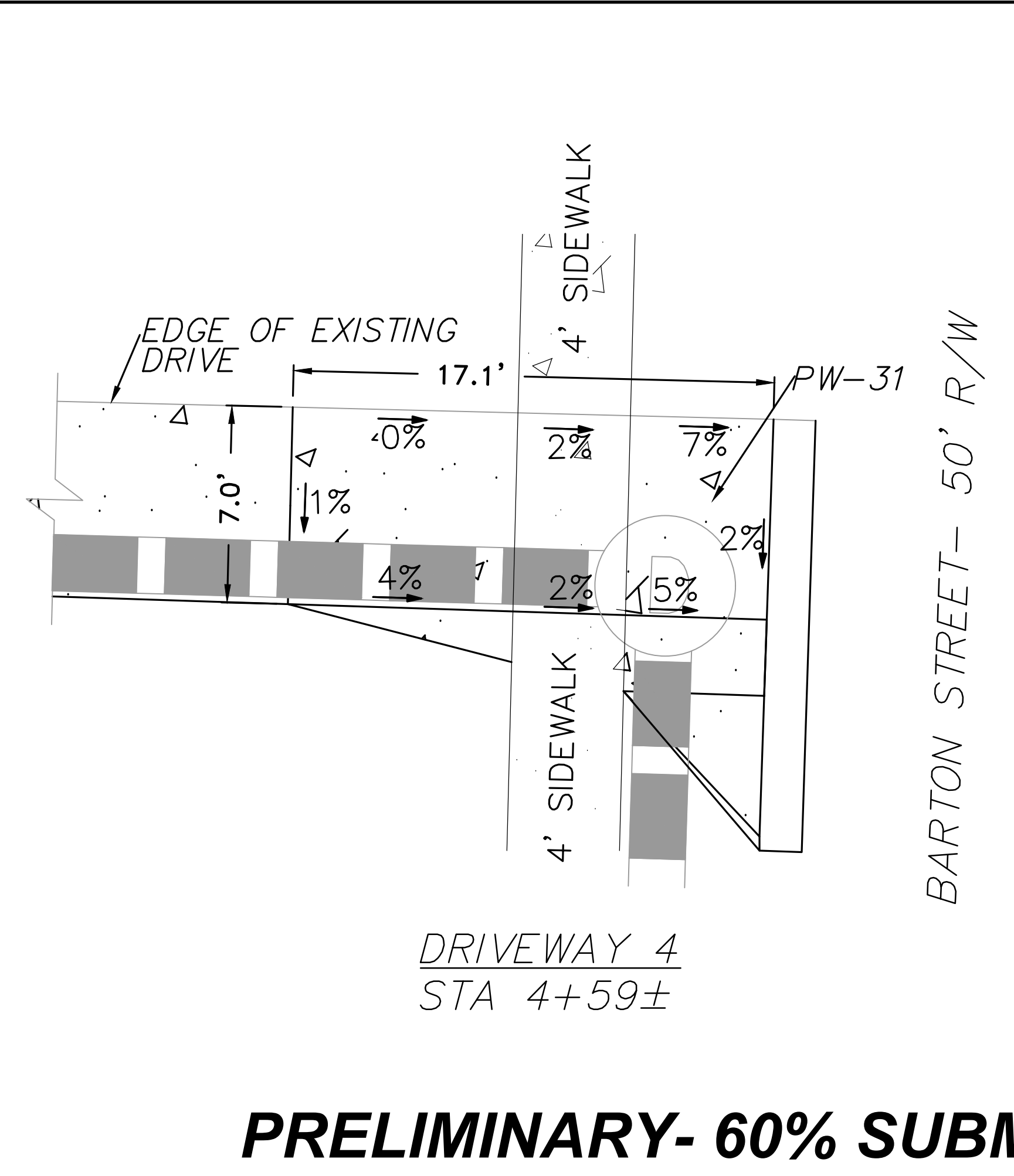
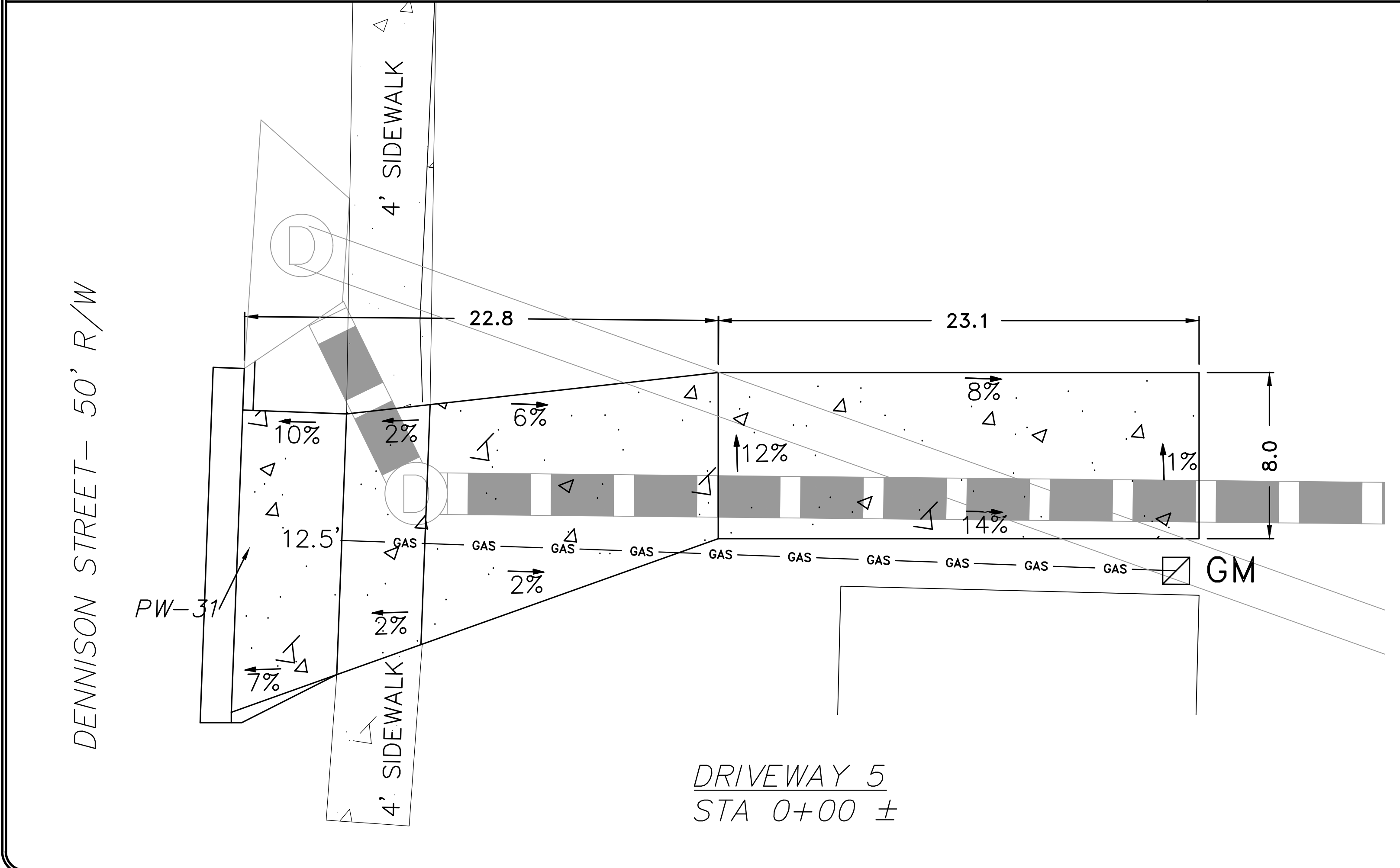
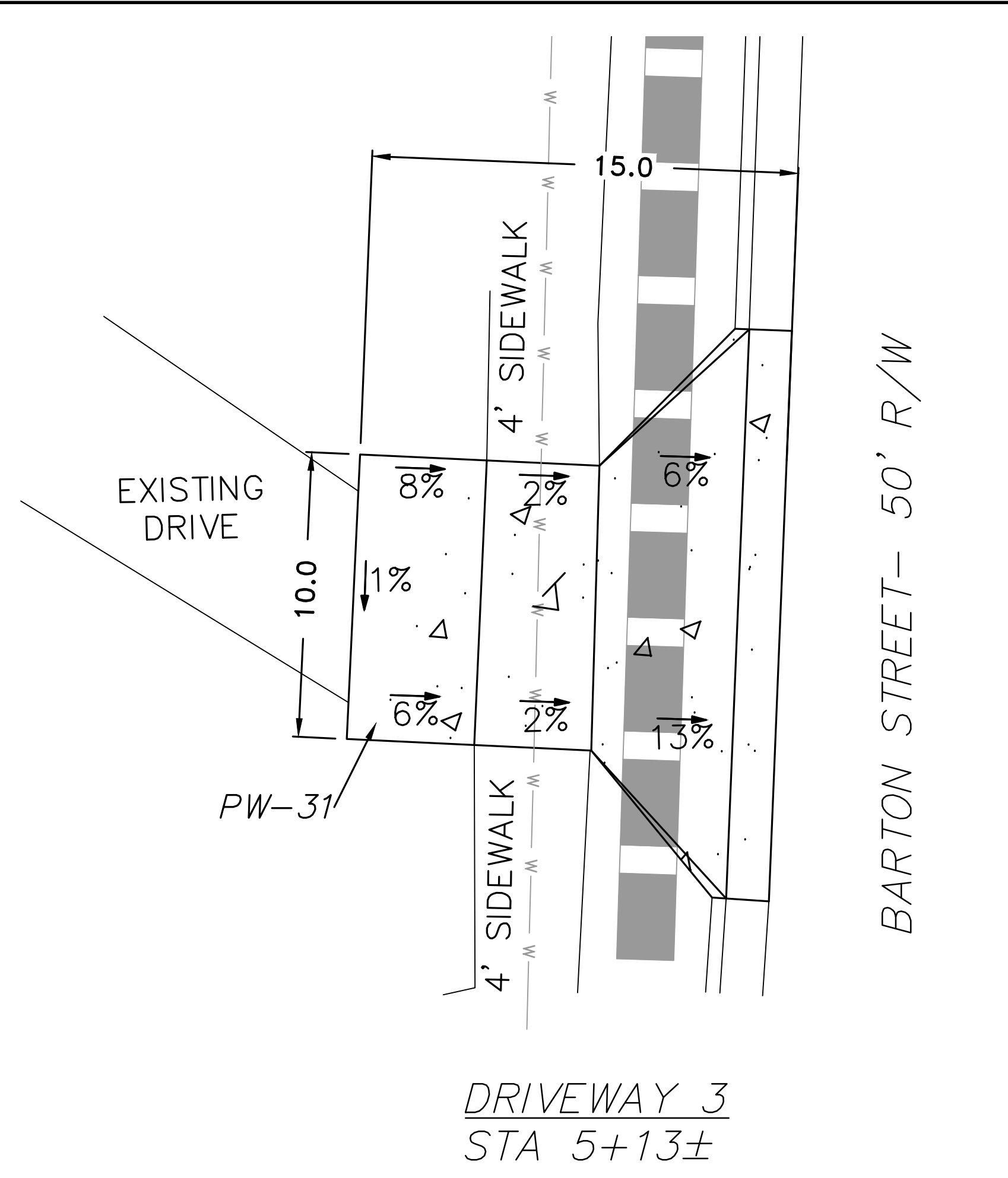
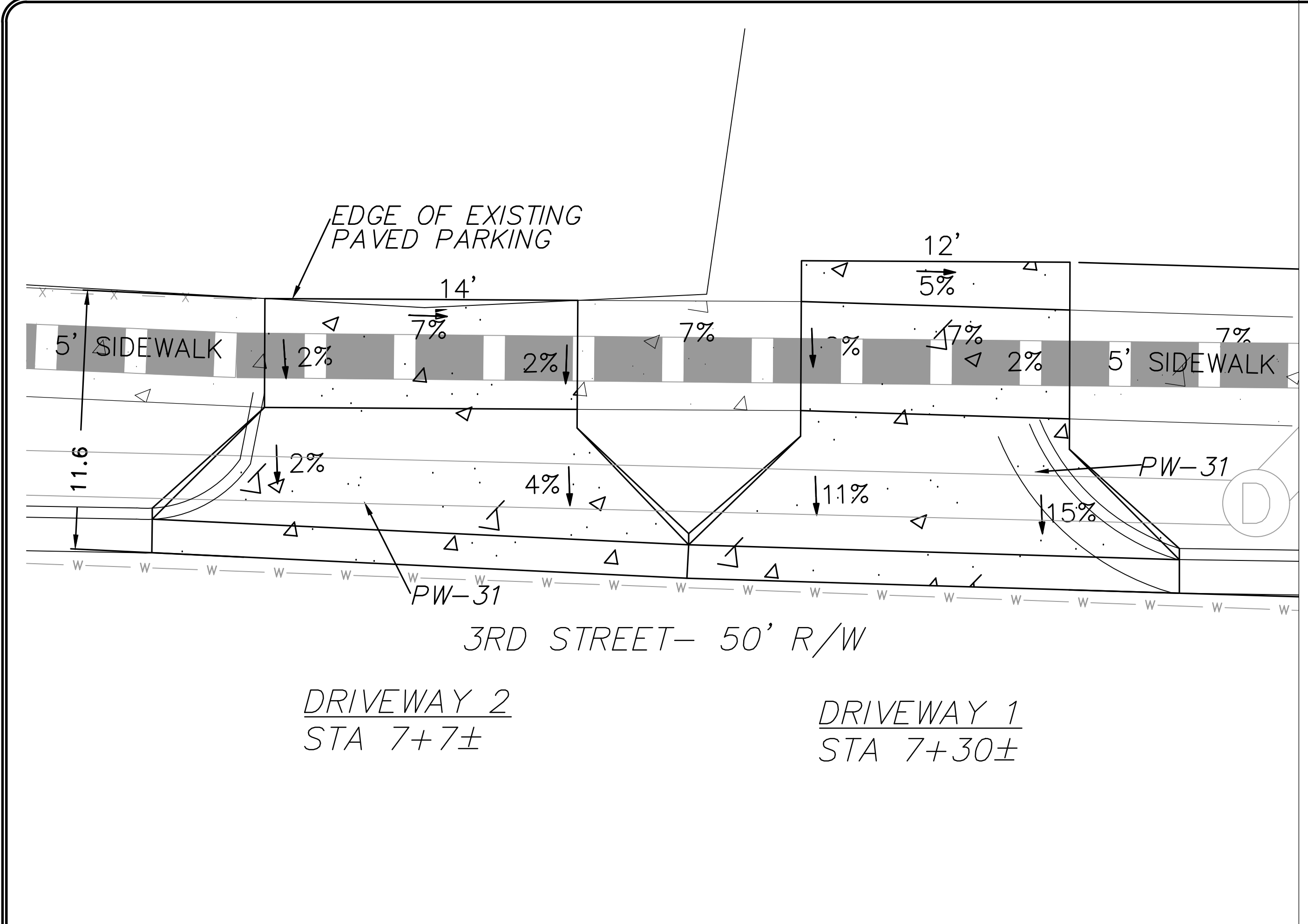
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 BARTON STREET DRAINAGE IMPROVEMENTS
 DRIVEWAY PLANS

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
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 DESIGNED
 KP
 CHECKED
 KP
 DATE
 7-31-19
 SCALE
 1:4
 PROJECT NO.
 3-17-DR-101
 SHEET NO.
 C7

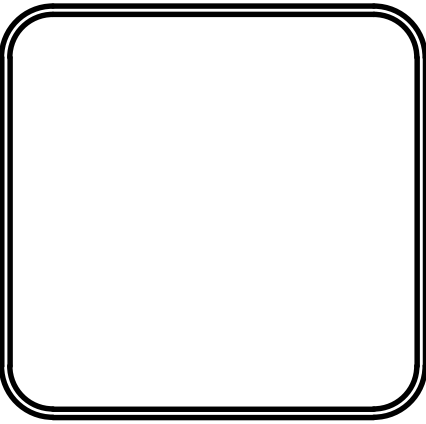


PRELIMINARY- 60% SUBMITTAL

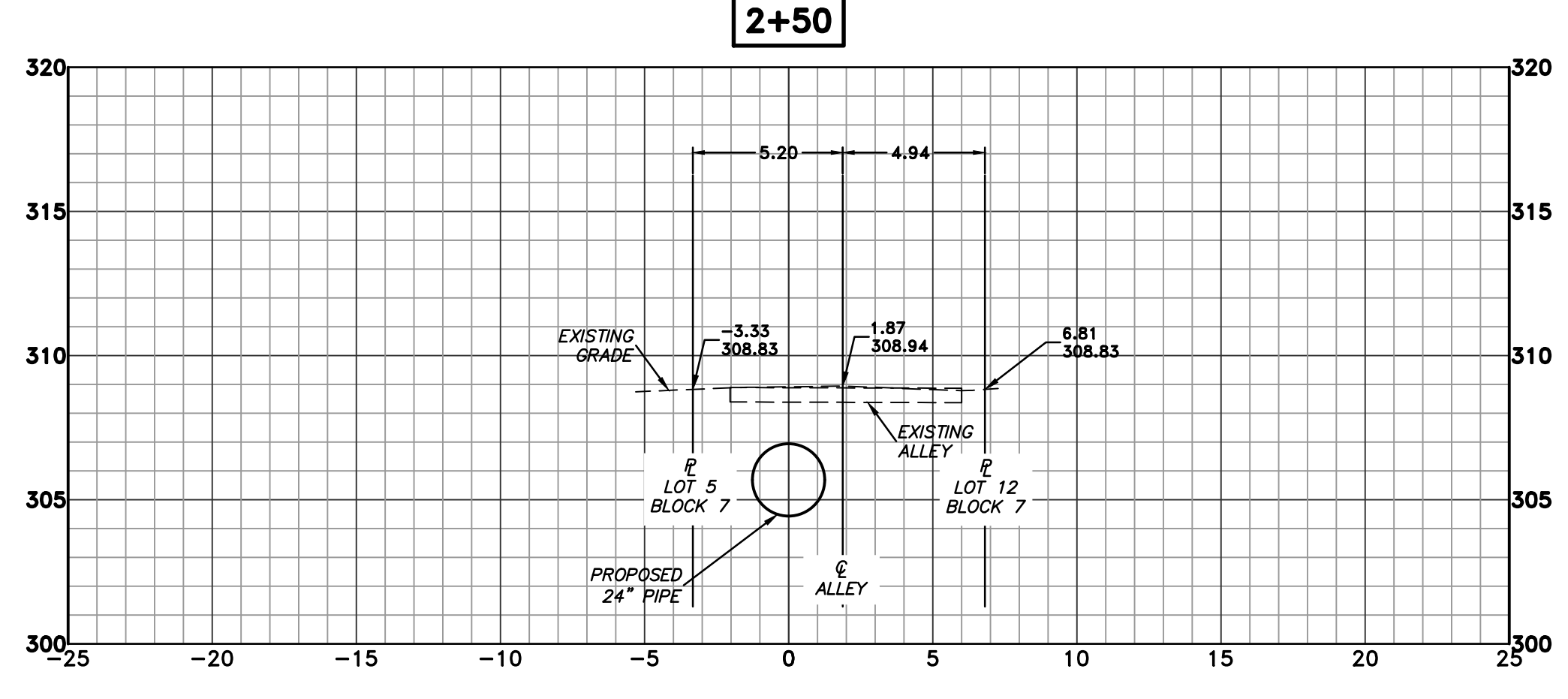
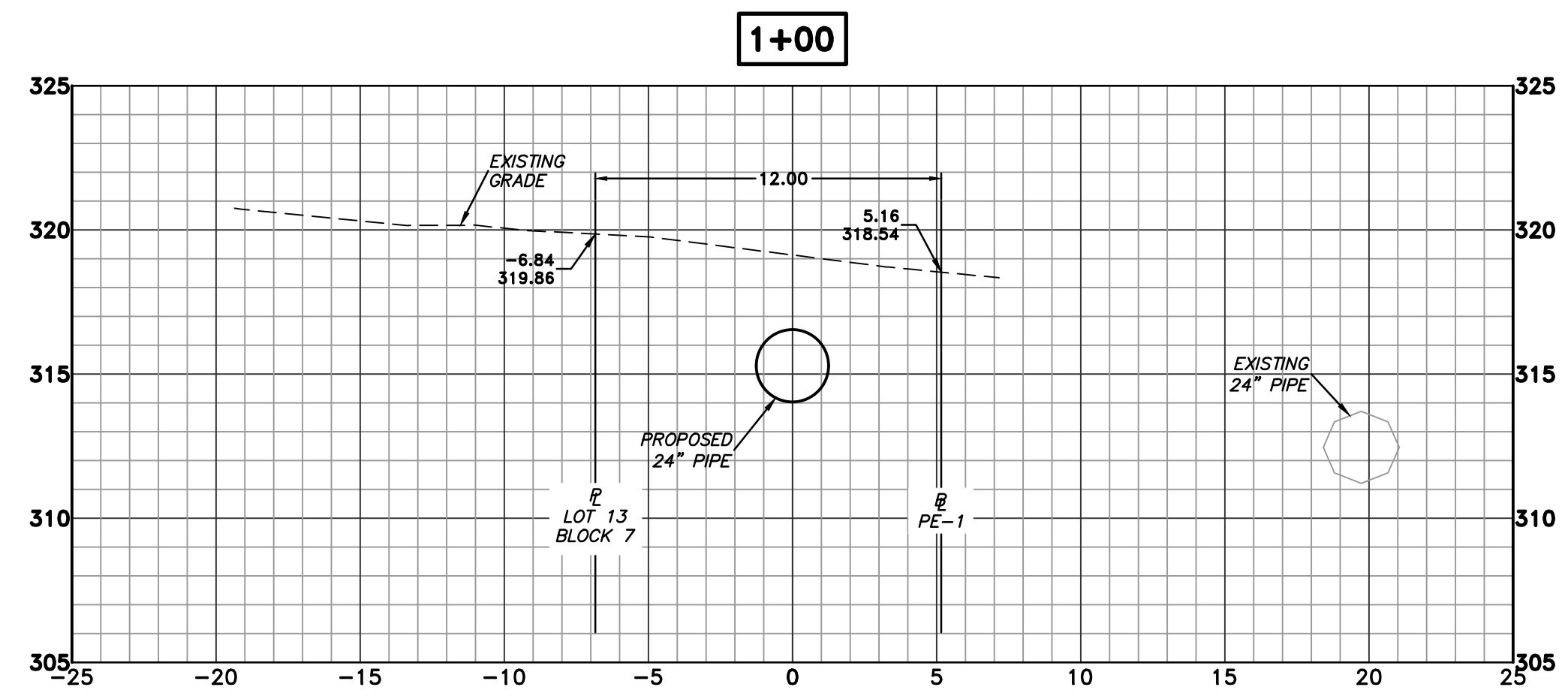
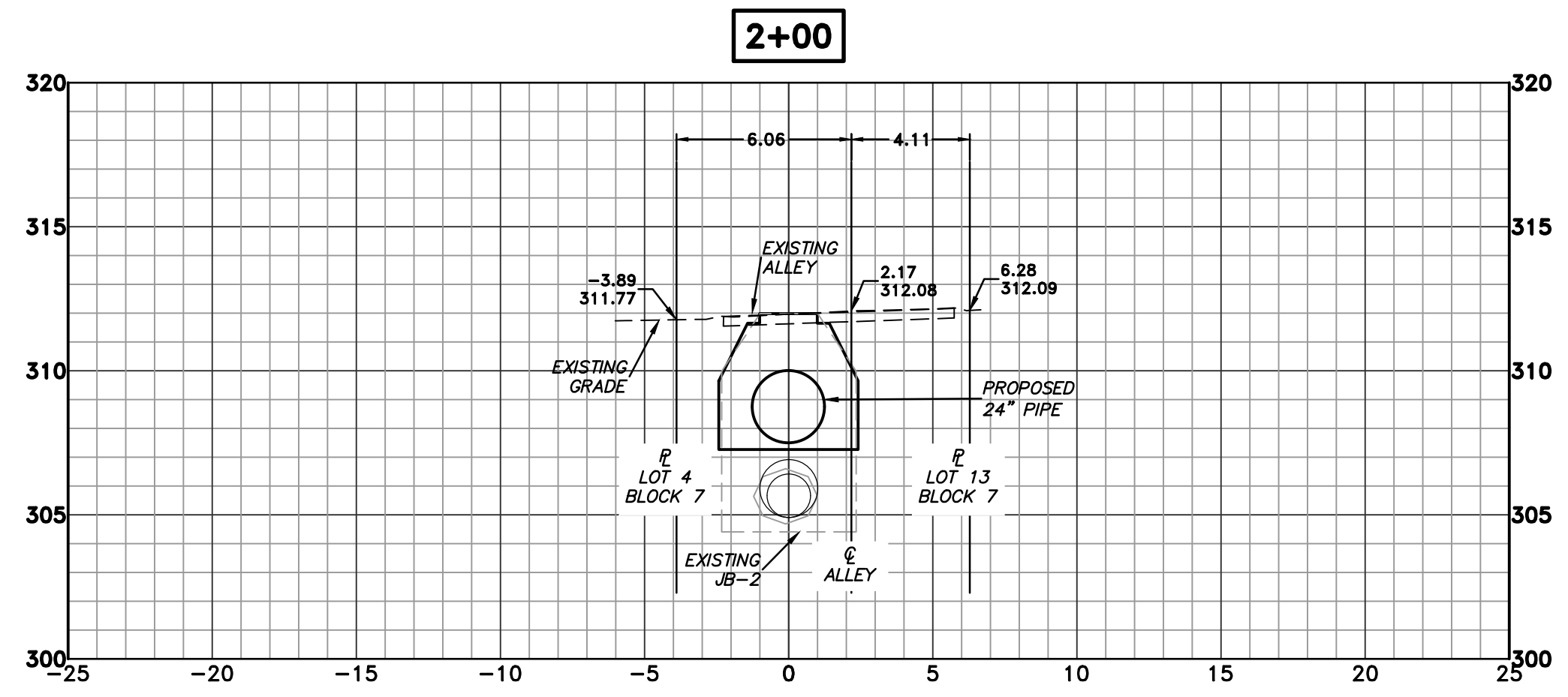
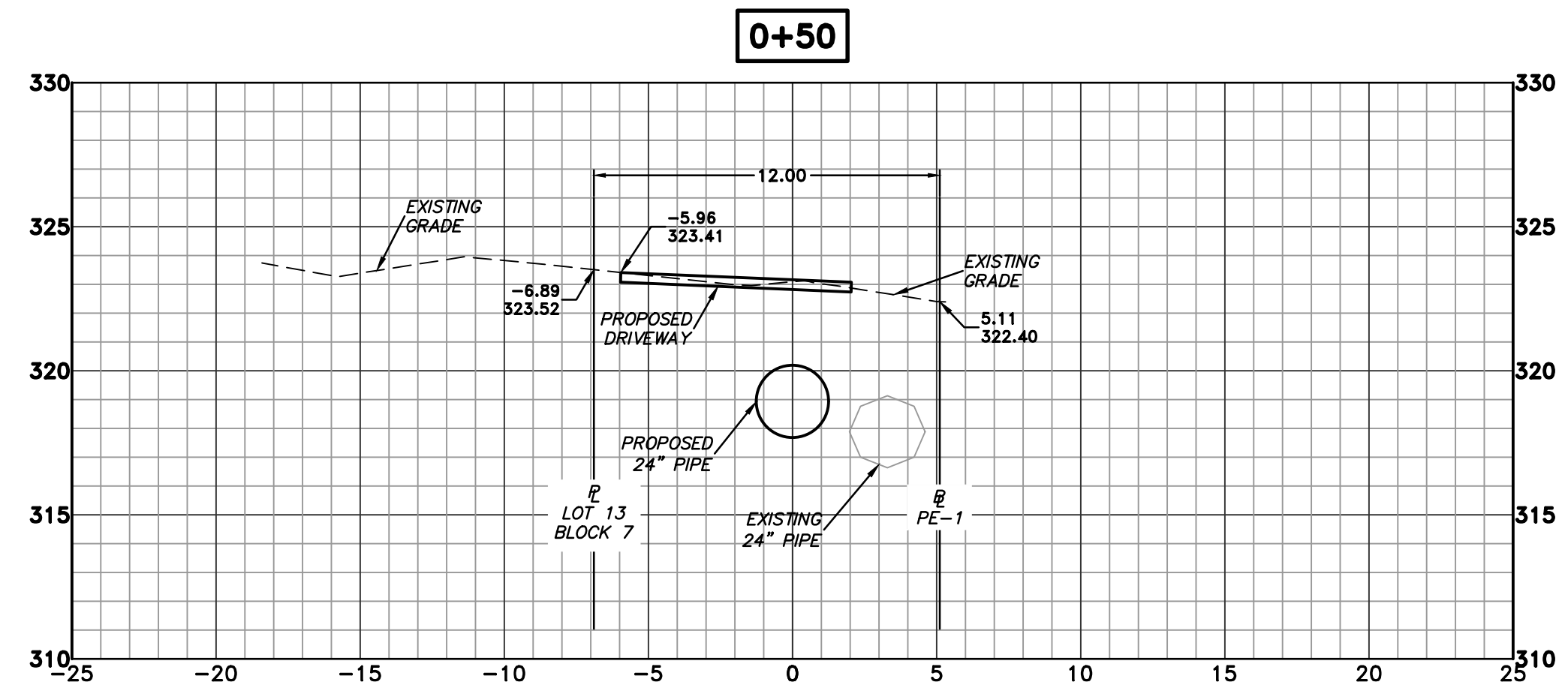
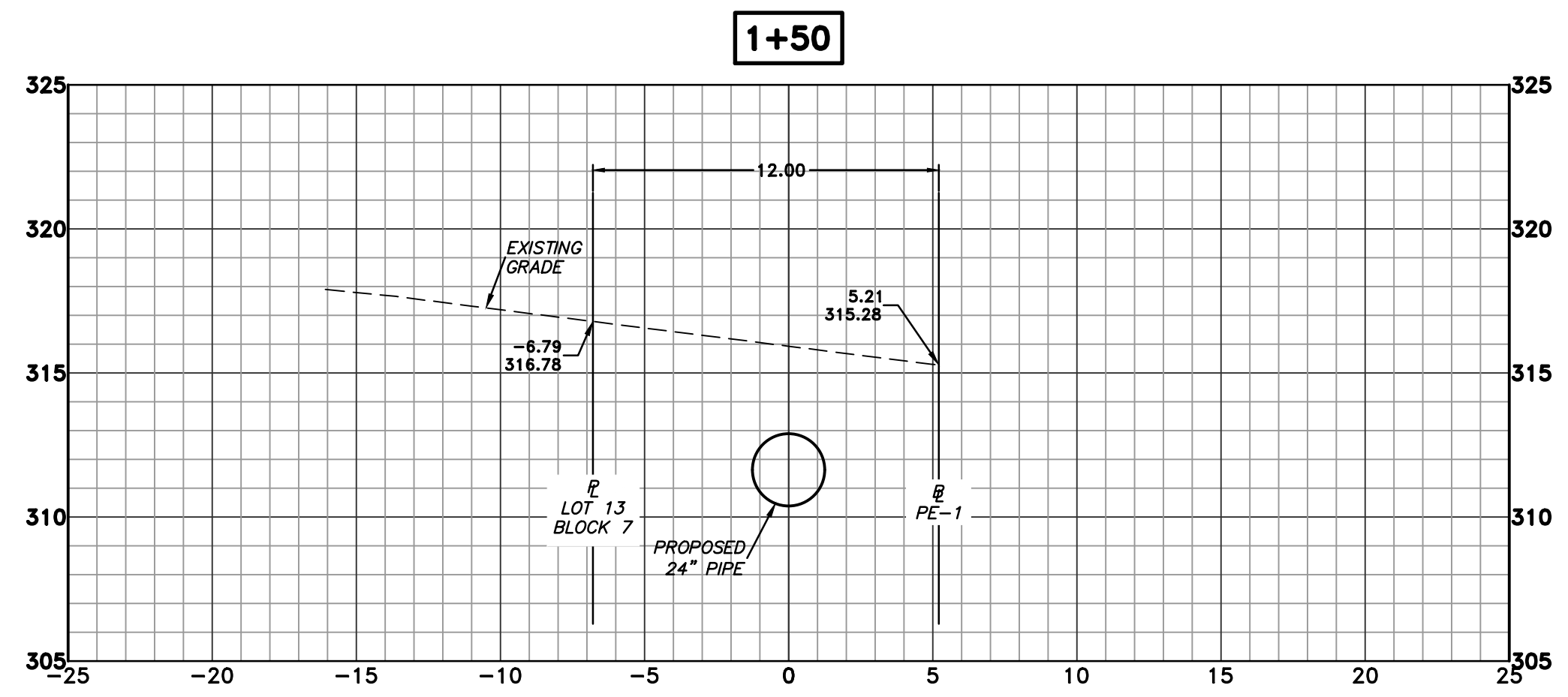
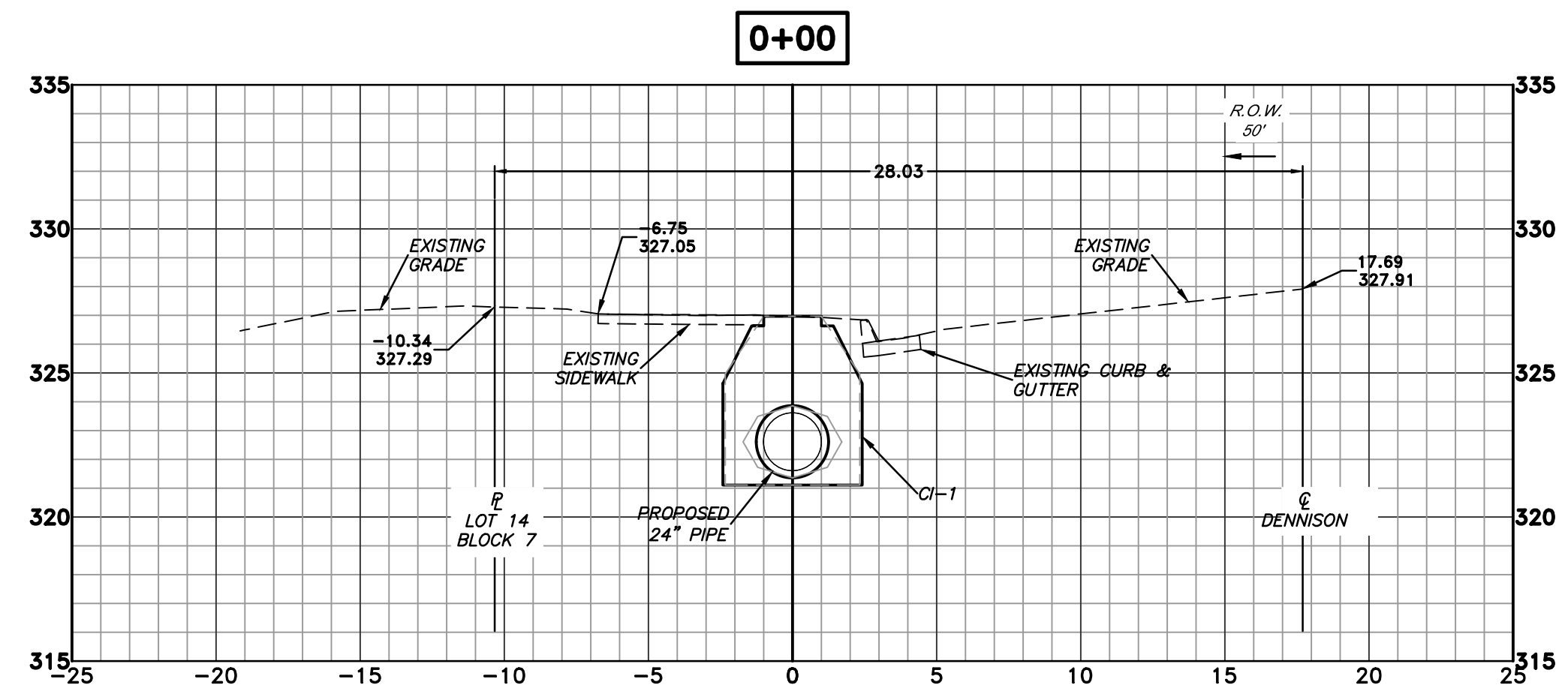
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CITY OF LITTLE ROCK, ARKANSAS
BARTON STREET DRAINAGE IMPROVEMENTS
 CROSS SECTIONS - STA 0+00 TO STA 2+50


 DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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DESIGNED	KP
CHECKED	KP
DATE	7-31-19
SCALE	1" = 5'
PROJECT NO.	3-17-DR-101
SHEET NO.	C8

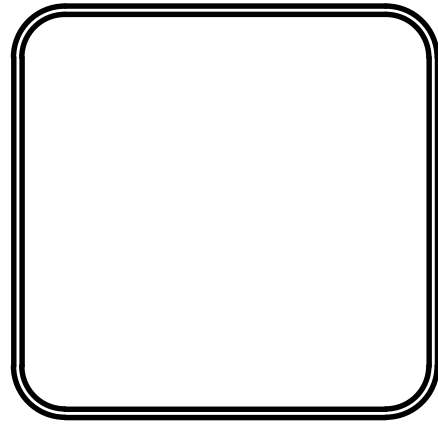


PRELIMINARY- 60% SUBMITTAL

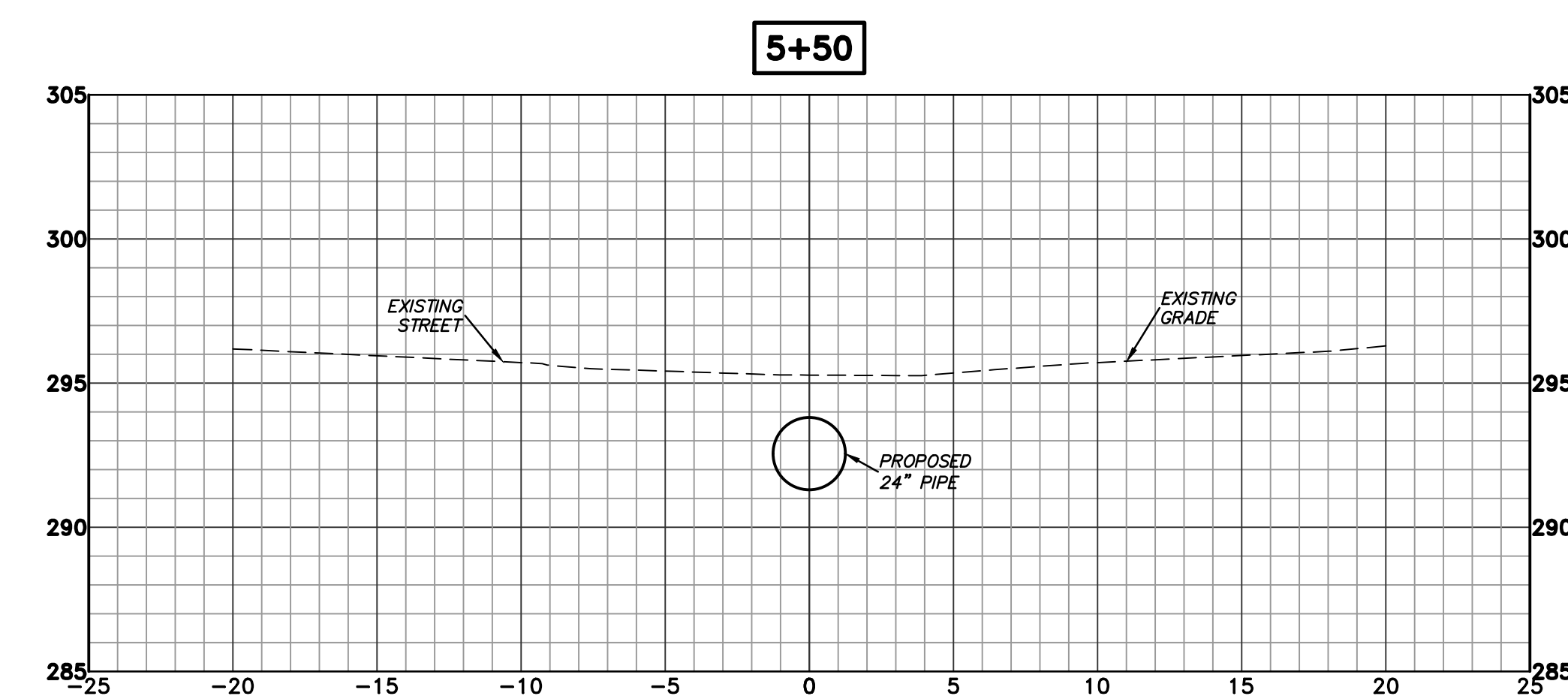
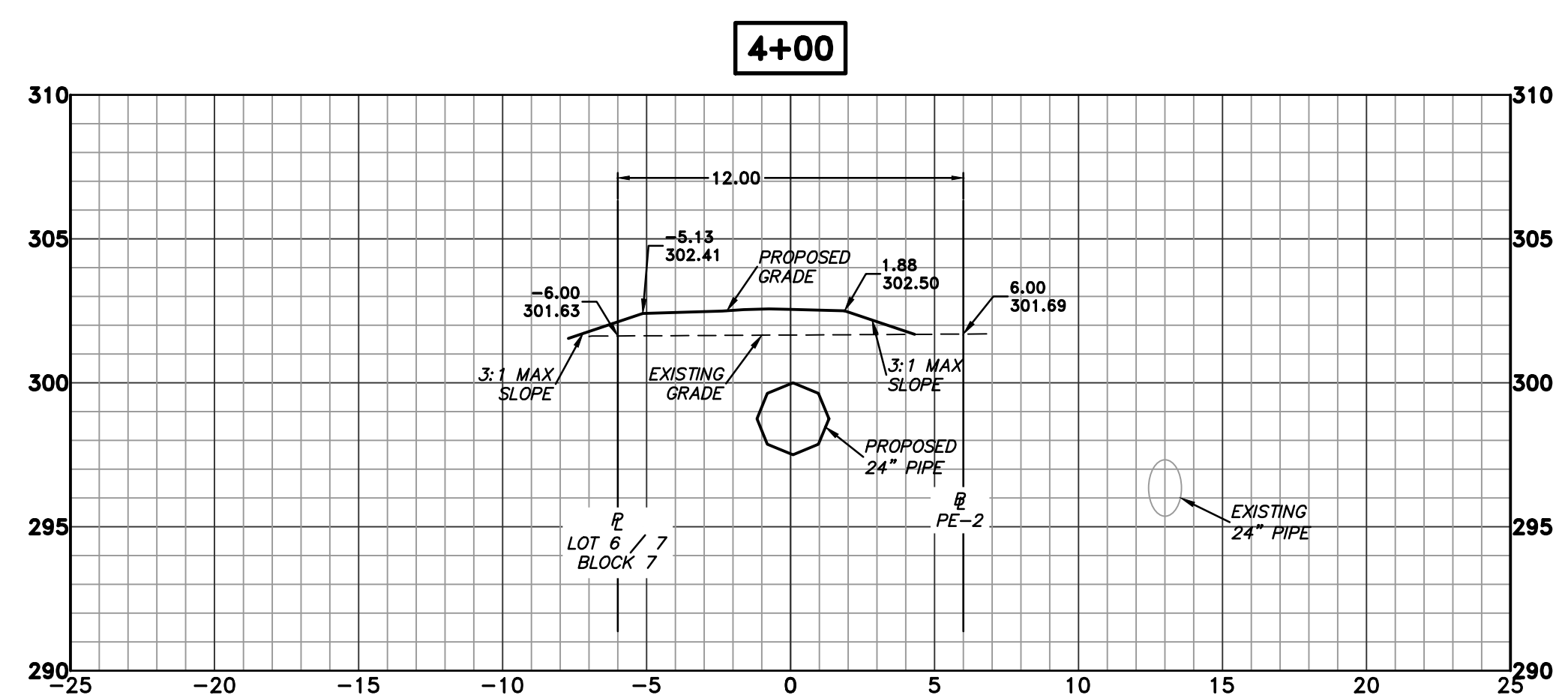
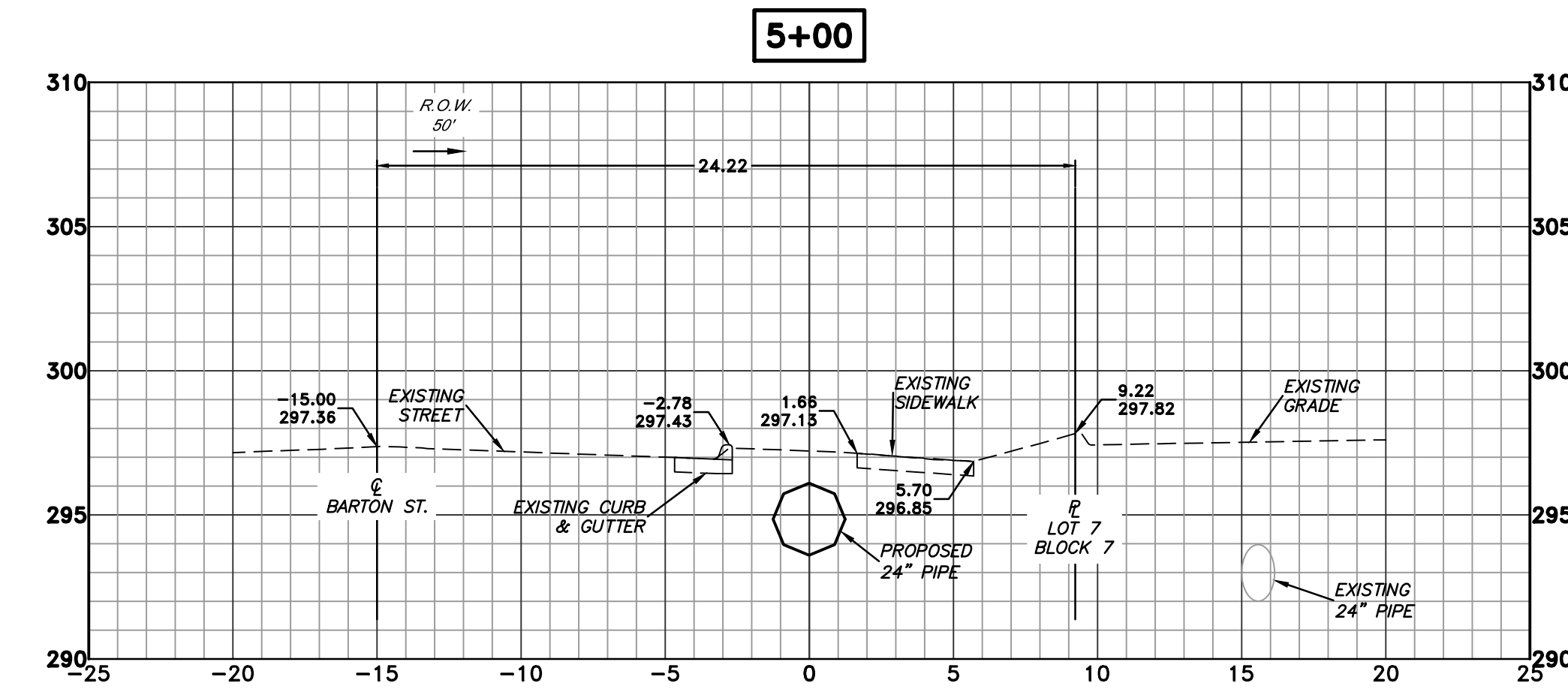
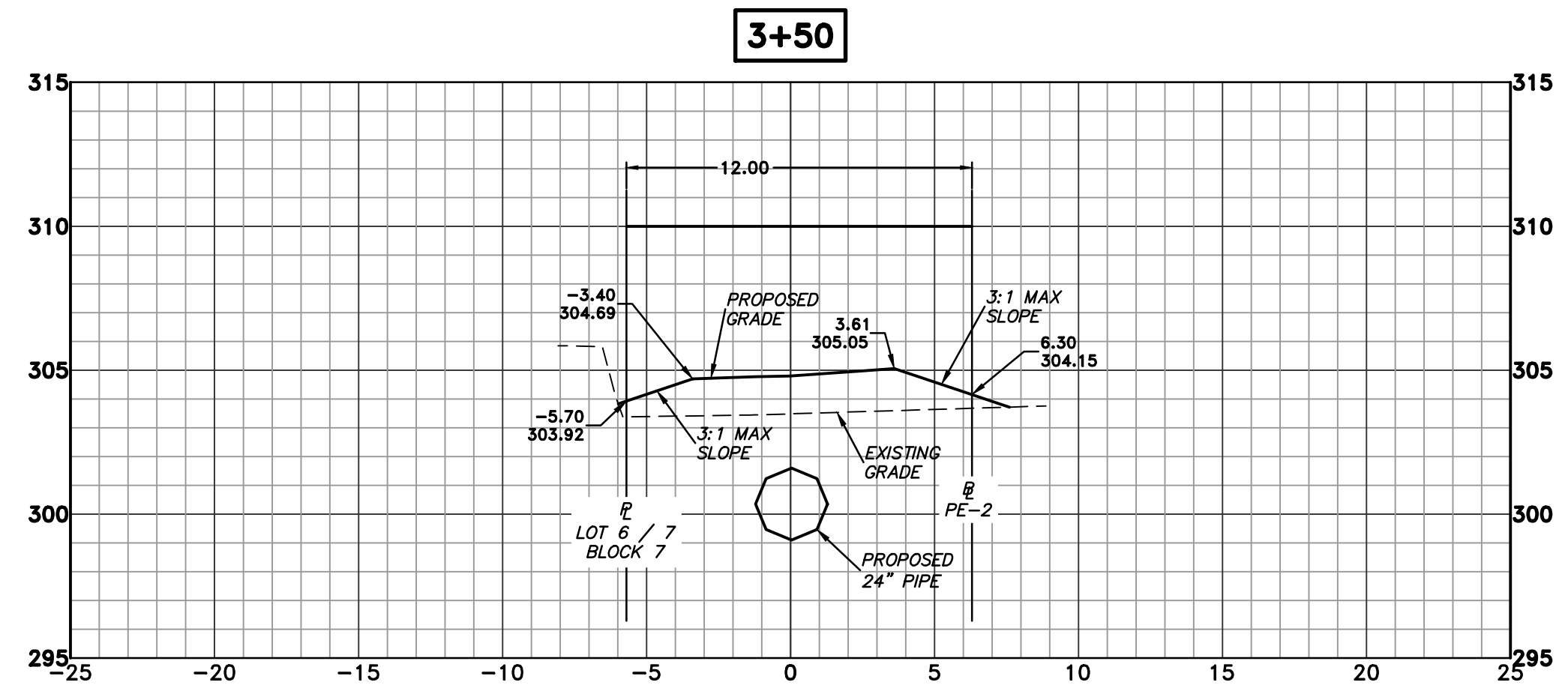
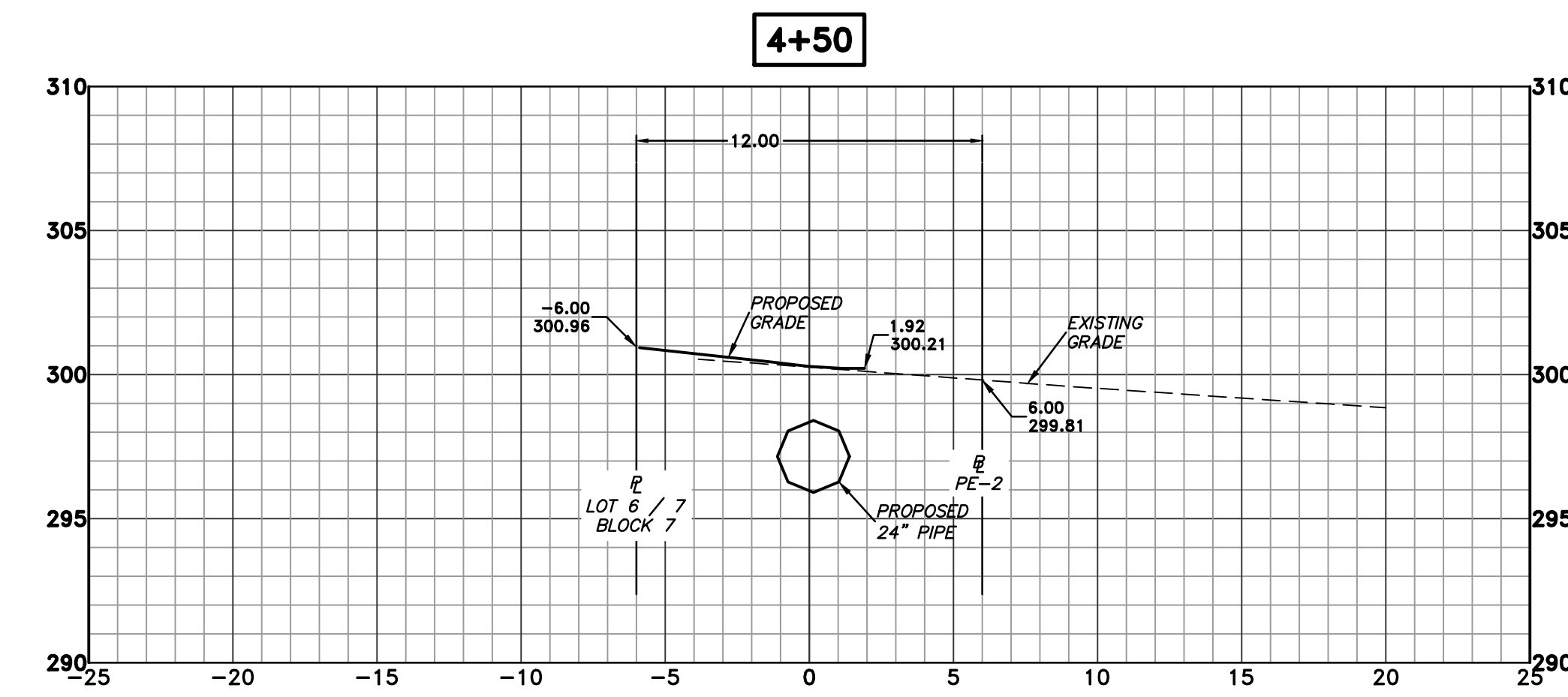
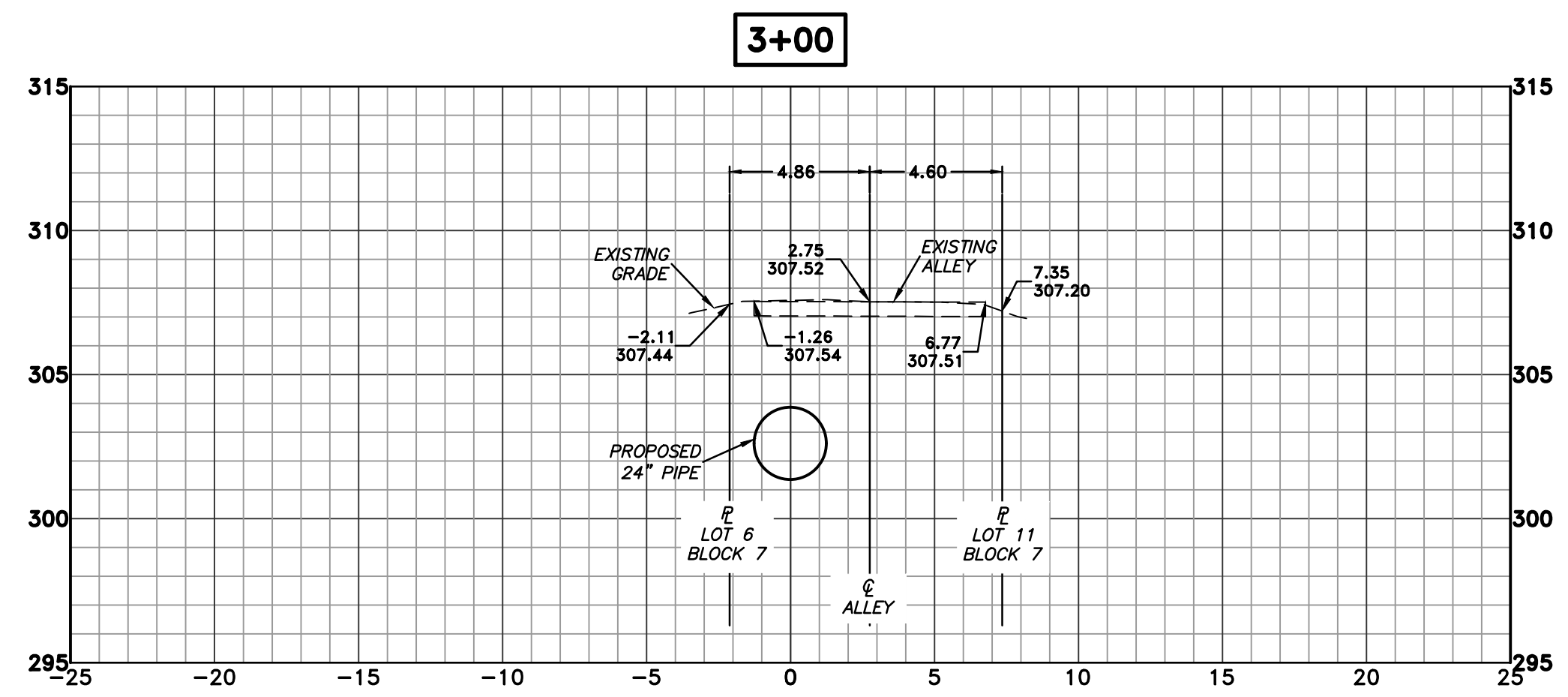
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BARTON STREET DRAINAGE IMPROVEMENTS
 CROSS SECTIONS - STA 3+00 TO STA 5+50


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

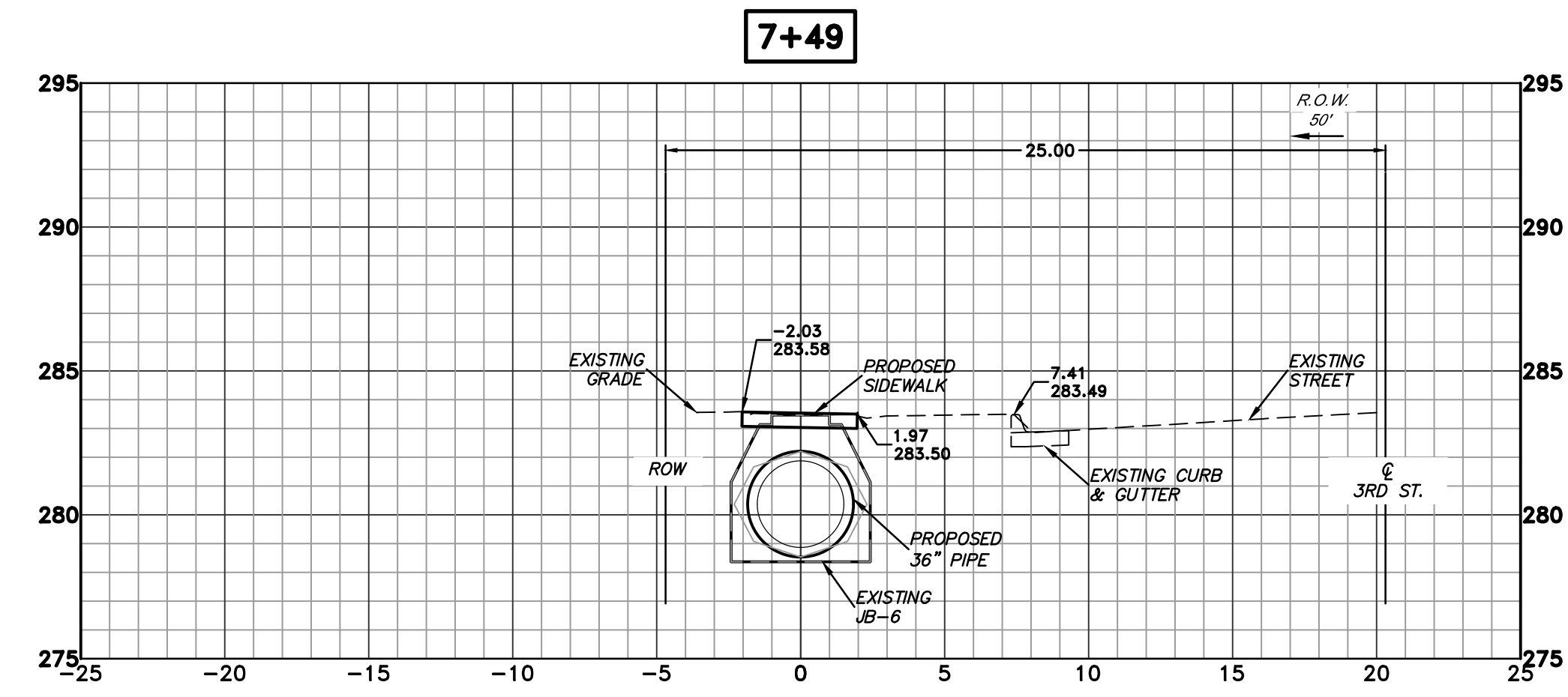
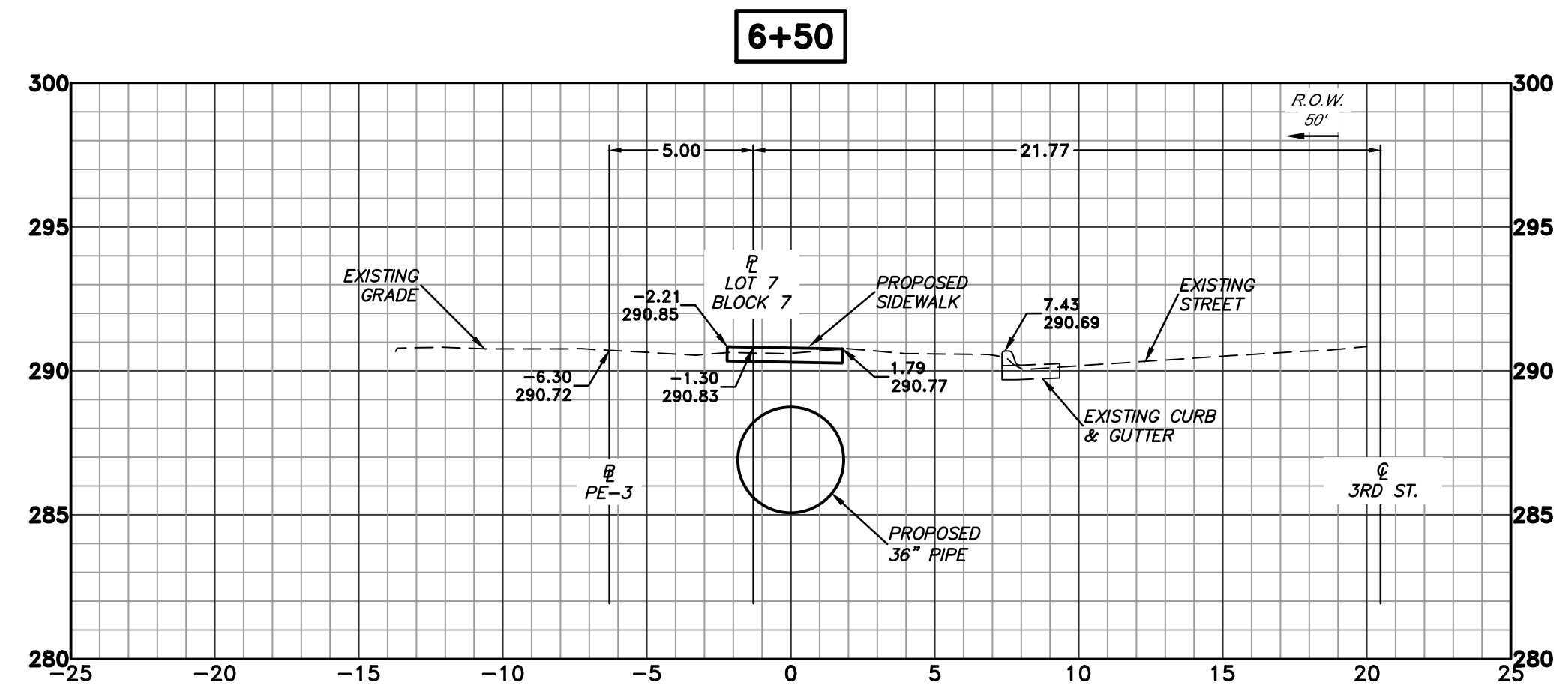
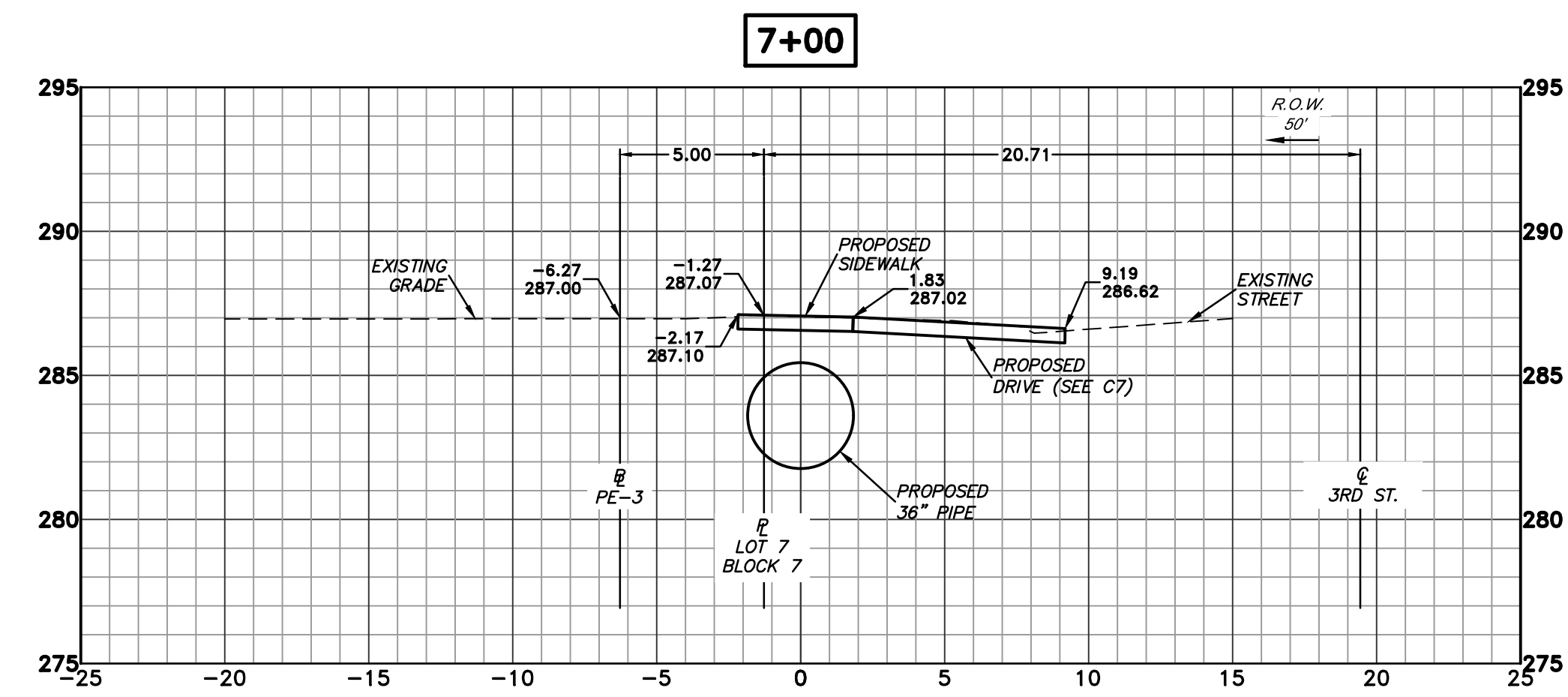
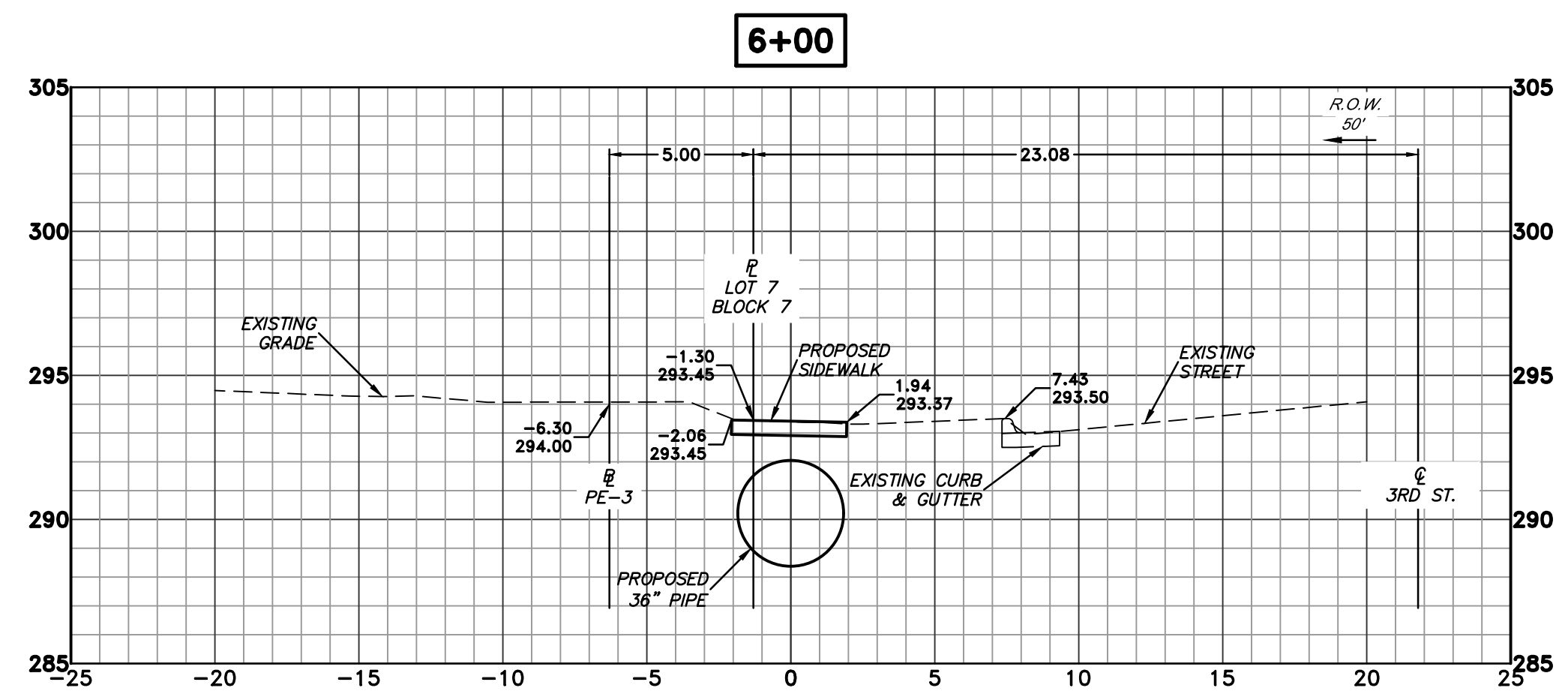


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DESIGNED KP
CHECKED KP
DATE 7-31-19
SCALE 1" = 5'
PROJECT NO. 3-17-DR-101
SHEET NO. C9





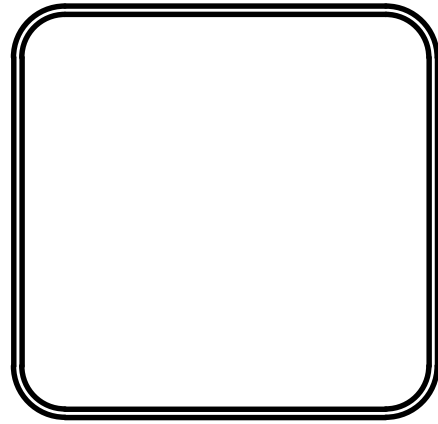
PRELIMINARY- 60% SUBMITTAL

REVISIONS	DATE



CITY OF LITTLE ROCK, ARKANSAS
 BARTON STREET DRAINAGE IMPROVEMENTS
 CROSS SECTIONS - STA 6+00 TO STA 7+49

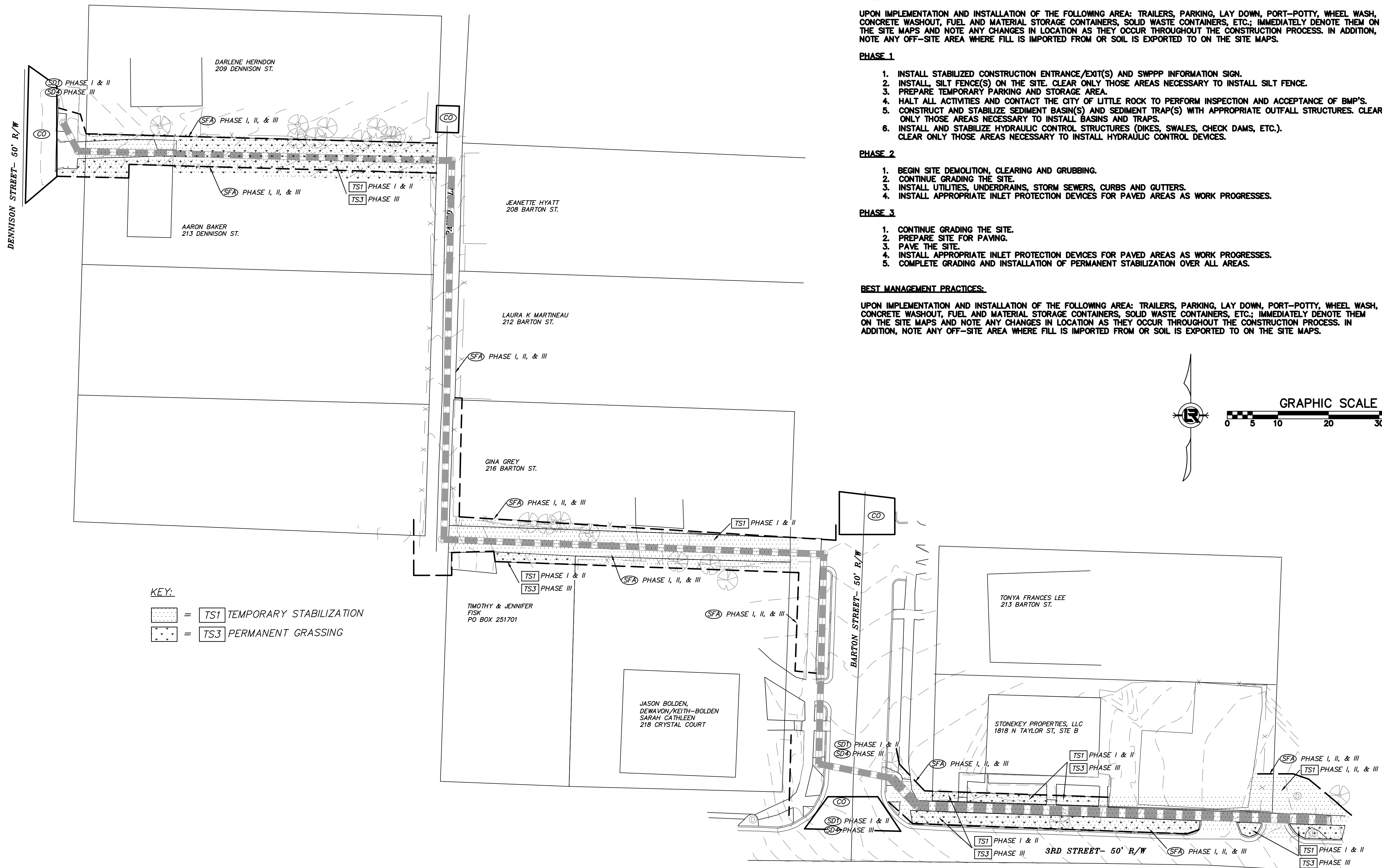

 DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201




DRAWN BY JP
DESIGNED KP
CHECKED KP
DATE 7-31-19
SCALE 1" = 5'
PROJECT NO. 3-17-DR-101
SHEET NO. C10

PRELIMINARY- 60% SUBMITTAL

REVISIONS	DATE



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

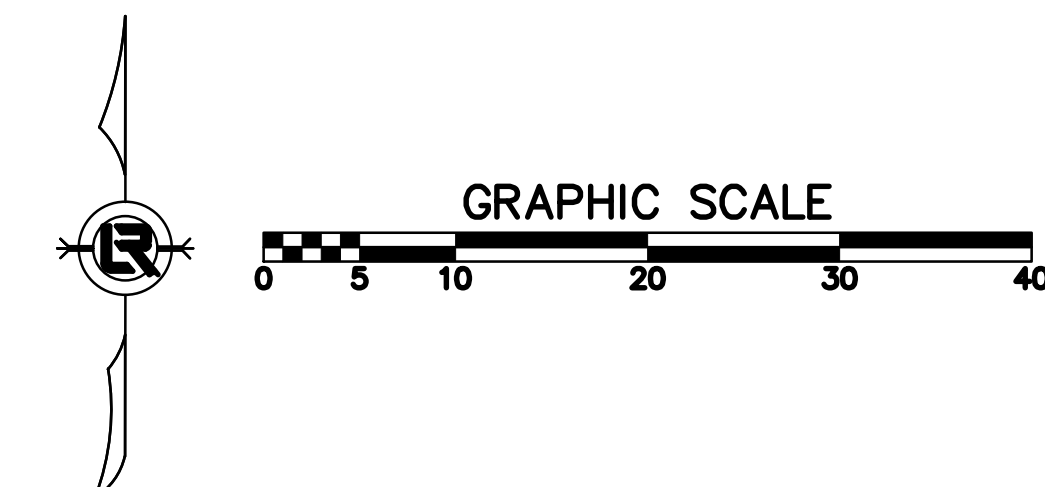
1. BEGIN SITE DEMOLITION, CLEARING AND GRUBBING.
2. CONTINUE GRADING THE SITE.
3. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
4. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.

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.

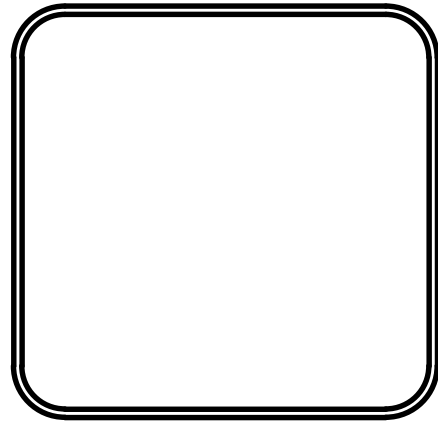
BEST MANAGEMENT PRACTICES:

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.



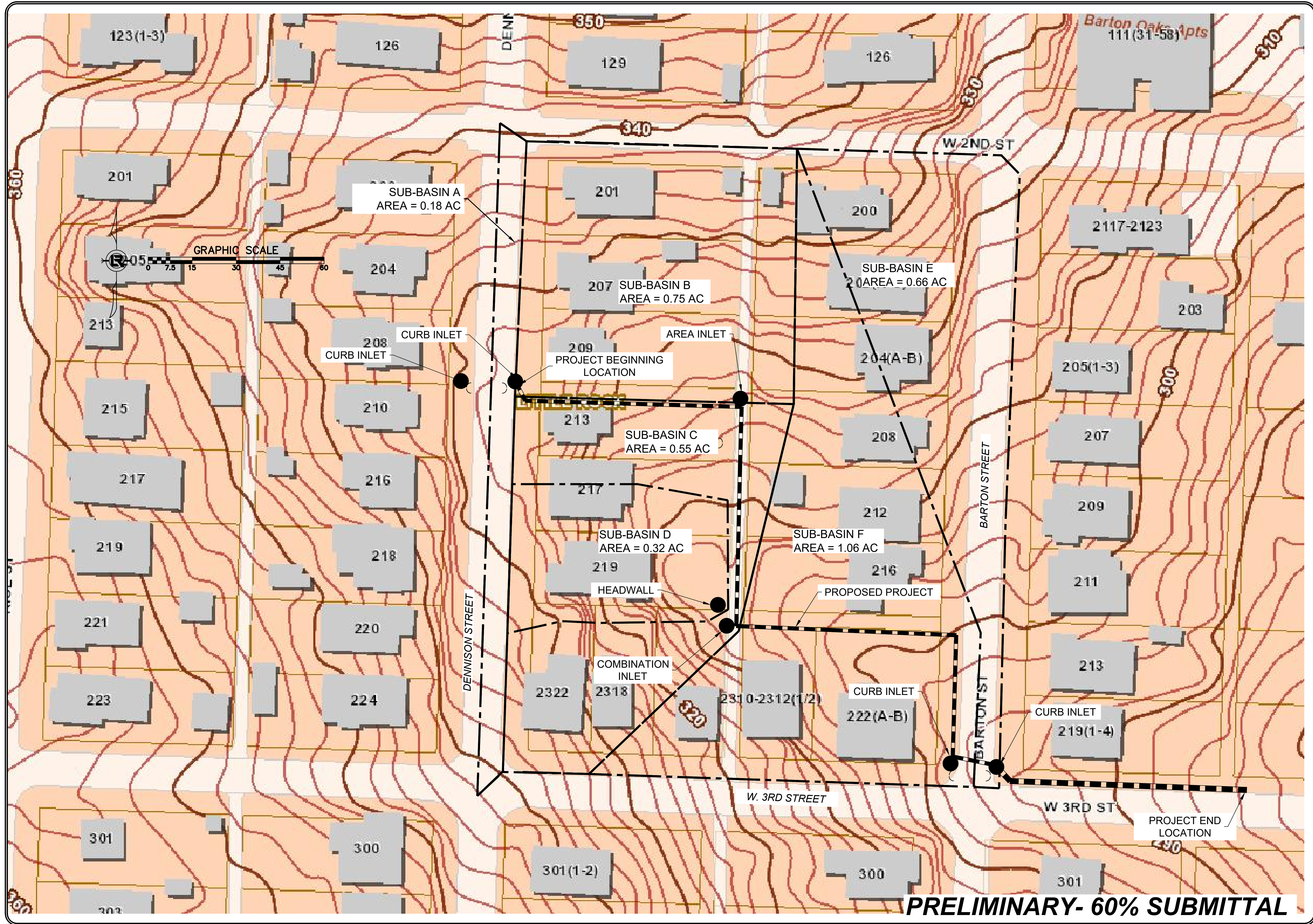
CITY OF LITTLE ROCK, ARKANSAS
 BARTON STREET DRAINAGE IMPROVEMENTS
 EROSION CONTROL STA 0+00 TO STA 7+49

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



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DESIGNED	DW
CHECKED	KP
DATE	7-31-19
SCALE	1:20
PROJECT NO.	3-17-DR-101
SHEET NO.	C11

PRELIMINARY- 60% SUBMITTAL


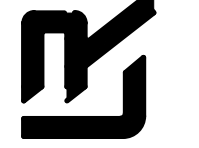


PRELIMINARY- 60% SUBMITTAL

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 BARTON STREET DRAINAGE IMPROVEMENTS
 DRAINAGE MAP

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

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DRAWN BY JP
DESIGNED KP
CHECKED KP
DATE 7-31-19
SCALE 1" = 30'
PROJECT NO. 3-17-DR-101
SHEET NO. C12