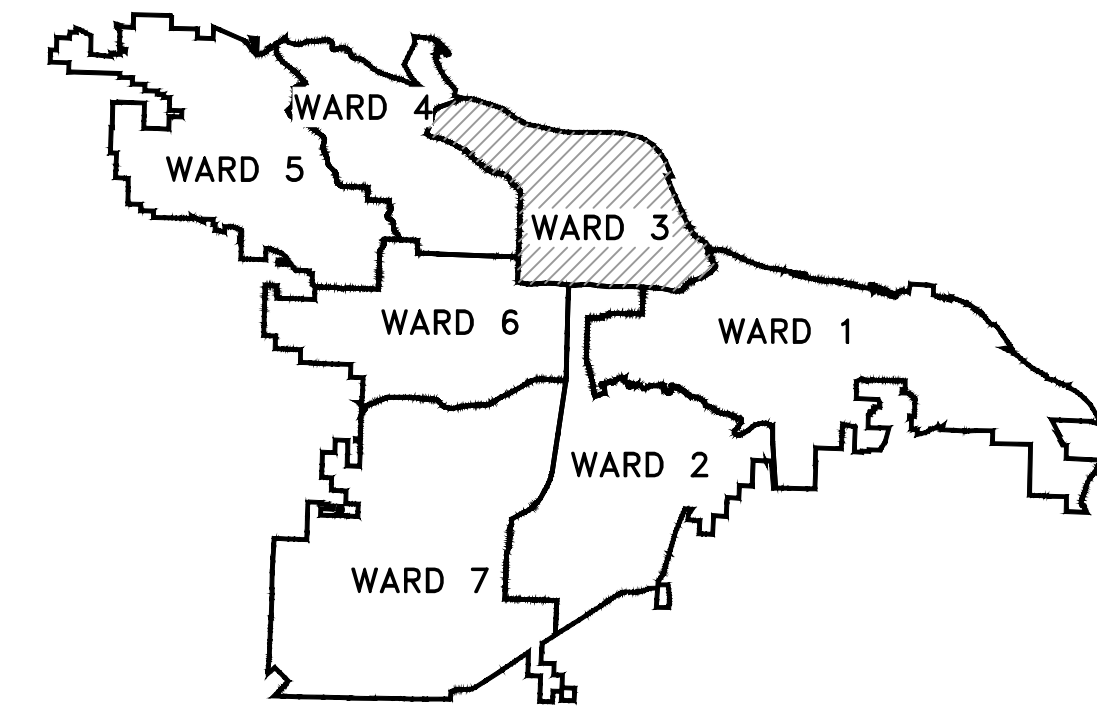


CLR PROJECT 3-17-DR-101

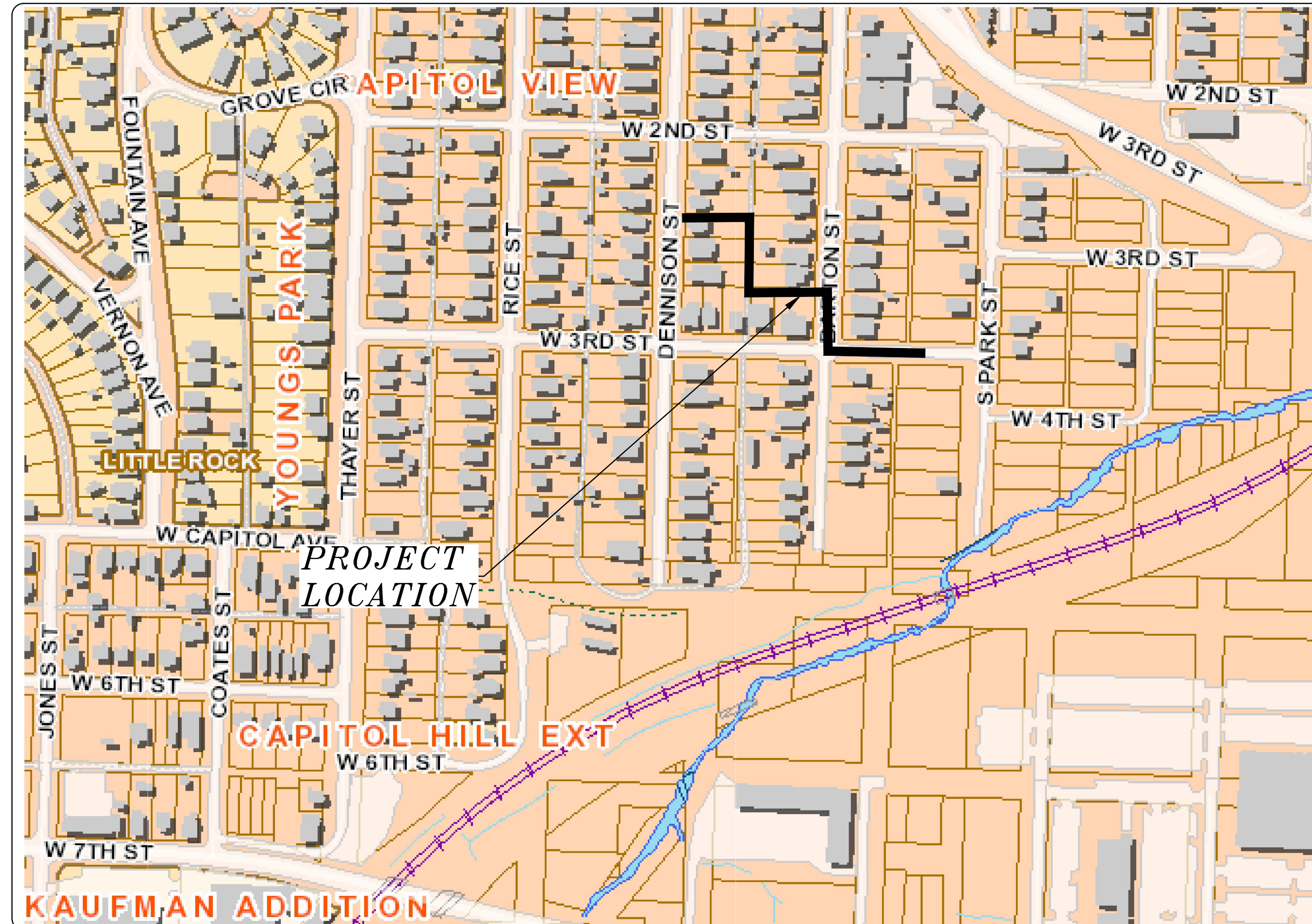
BARTON STREET

DRAINAGE IMPROVEMENTS

LITTLE ROCK, ARKANSAS



PROJECT LOCATION - WARD 1



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



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

FINAL- 100% SUBMITTAL



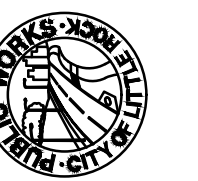
2019-2021
BOND PROGRAM

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

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	11.21.19
SCALE	NTS
PROJECT NO.	3-17-DR-101
SHEET NO.	C1

	CLR PROJECT# 3-17-DR-101		
	BARTON STREET- DRAINAGE		
	November 7, 2019		
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
2.01	SITE PREPARATION	L.S.	1
4.01	AGGREGATE BASE COURSE	TON	41
6.01	ACHM SURFACE COURSE	TON	18
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	SF	2,159
8.01	CONCRETE CURB AND GUTTER (CLASS 1)	L.F.	59
9.04	CONCRETE SIDEWALK (4" THICK)	S.F.	1,653
10.01	JUNCTION BOX- 4' I.D.	EA.	3
10.01	JUNCTION BOX- 5' I.D.	EA.	1
10.01	JUNCTION BOX - 6' I.D.	EA.	1
10.03	GRATE INLET - 1 (G-I)	E.A.	1
10.05	CURB INLET - 4' BOX	EA.	1
10.05	CURB INLET - 5' BOX	EA.	2
10.07	WING 3' EXTENSION	EA.	4
10.10	WING 6' EXTENSION	EA.	1
11.05	REINFORCED CONCRETE PRECAST HEADWALL (18")	EA.	1
13.18S	SIDE DRAIN, 18"	L.F.	12
13.36C	CROSS DRAIN, 36" (PIPE 7)	L.F.	30
13.24S	SIDE DRAIN, 24"	L.F.	543
13.36S	SIDE DRAIN, 36"	L.F.	177
13.63	CONCRETE PLUG ON EXISTING STORM DRAIN	E.A.	5
14.01	SOLID SODDING, BURMUDA- INCLUDES 4" TOPSIOL	S.Y.	300
16.01	MAINTENANCE OF TRAFFIC	L.S.	1
18.01	REMOVE AND REPLACE FENCE	L.F.	174
18.55	WATER FOR DUST CONTROL	GAL	200
19.01	FINAL CLEANUP	L.S.	1
24.01	CONSTRUCTION ENTRANCE (CO)	EA.	4
24.06	SEDIMENT BARRIER, SILT FENCE (SD1)	EA.	3
24.09	SEDIMENT BARRIER, BLOCK (SD4)	EA.	3
24.11	SILT FENCE - TYPE A (SFA)	L.F.	1,043
24.16	DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION (TS1)	AC.	1
24.18	DISTURBED AREA STABILIZATION - PERMANENT GRASSING (TS3)	AC.	1
26.10	TRENCH AND EXCAVATION SAFETY	L.S.	1
SP	COMBINATION INLET-1 (CI-1) (TYPE SPECIAL) AS DETAILED	EA.	1

EXISTING	
IRON ROD	○ IR
PK NAIL	○ PK
R.R. SPIKE	○ RR(Sp)
CONC. MONUMENT	□ CM
WATER VALVE	⊗ WV
WATER METER	□ WM
FIRE HYDRANT	⊕ FH
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
SPOT ELEVATION	25.00
SPOT CURB ELEVATION	25.50
STORM SEWER – PIPE	25.00
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	—
CURB	—
CONCRETE	—
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 OUTLET 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

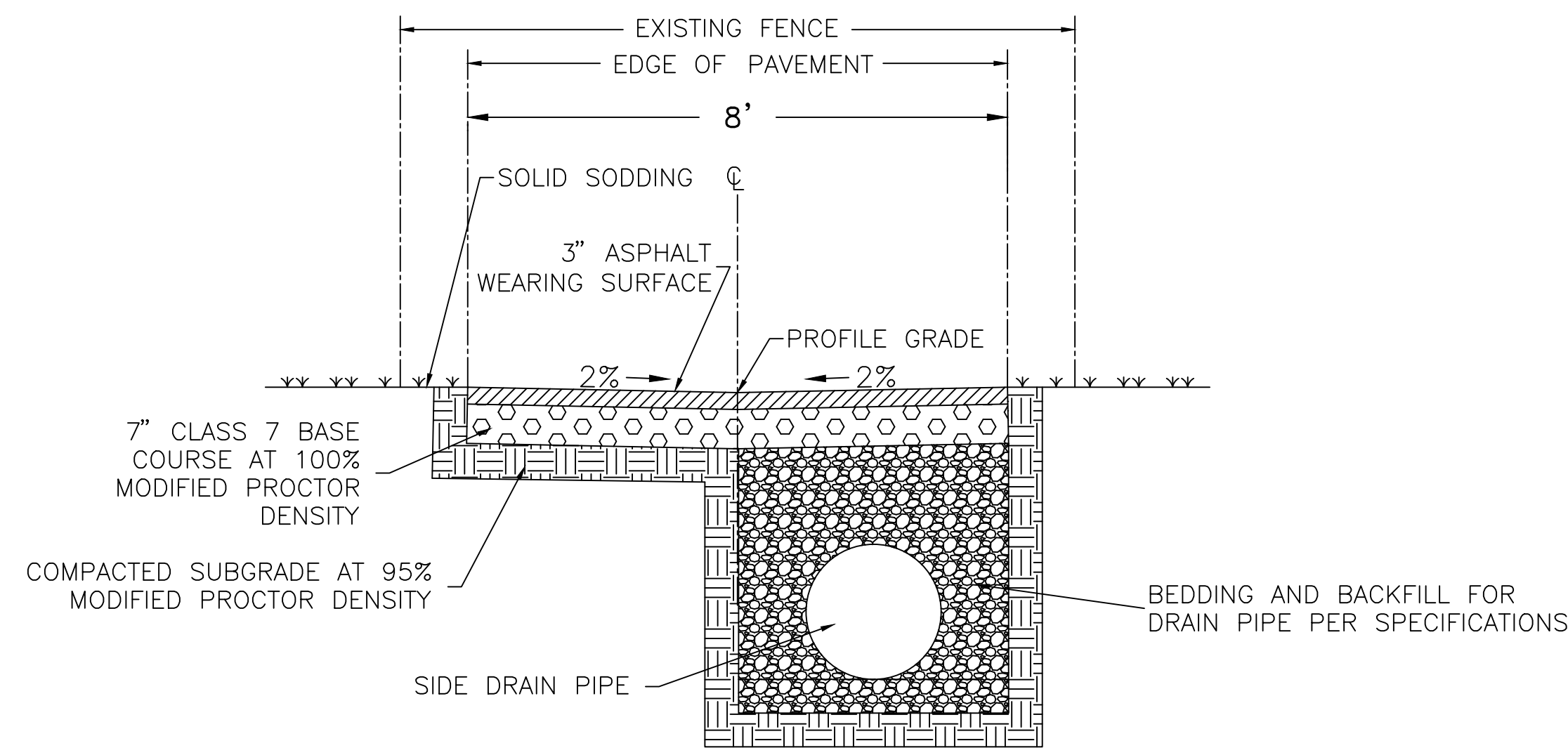
CITY OF LITTLE ROCK, ARKANSAS	LEGEND
BARTON STREET- DRAINAGE IMPROVEMENTS	

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

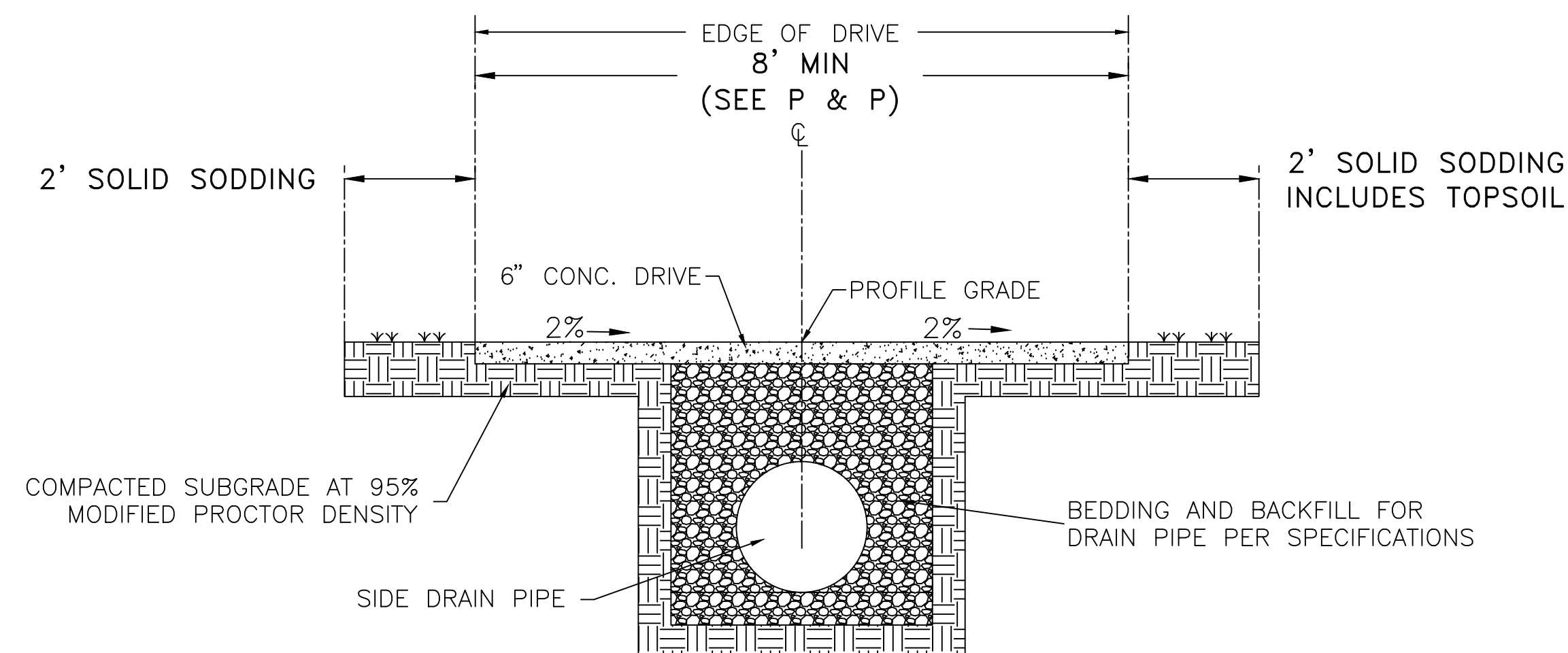


DRAWN BY	AV
DESIGNED	KP
CHECKED	KP
DATE	11.21.19
SCALE	NTS
PROJECT NO.	3-17-DR-101
SHEET NO.	C2

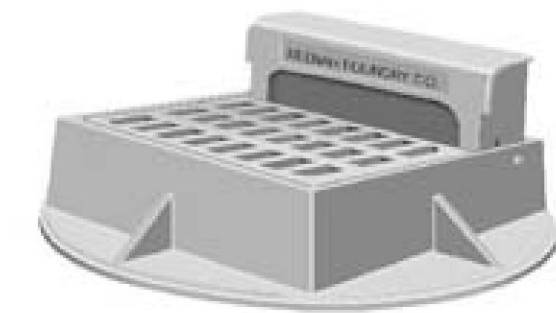
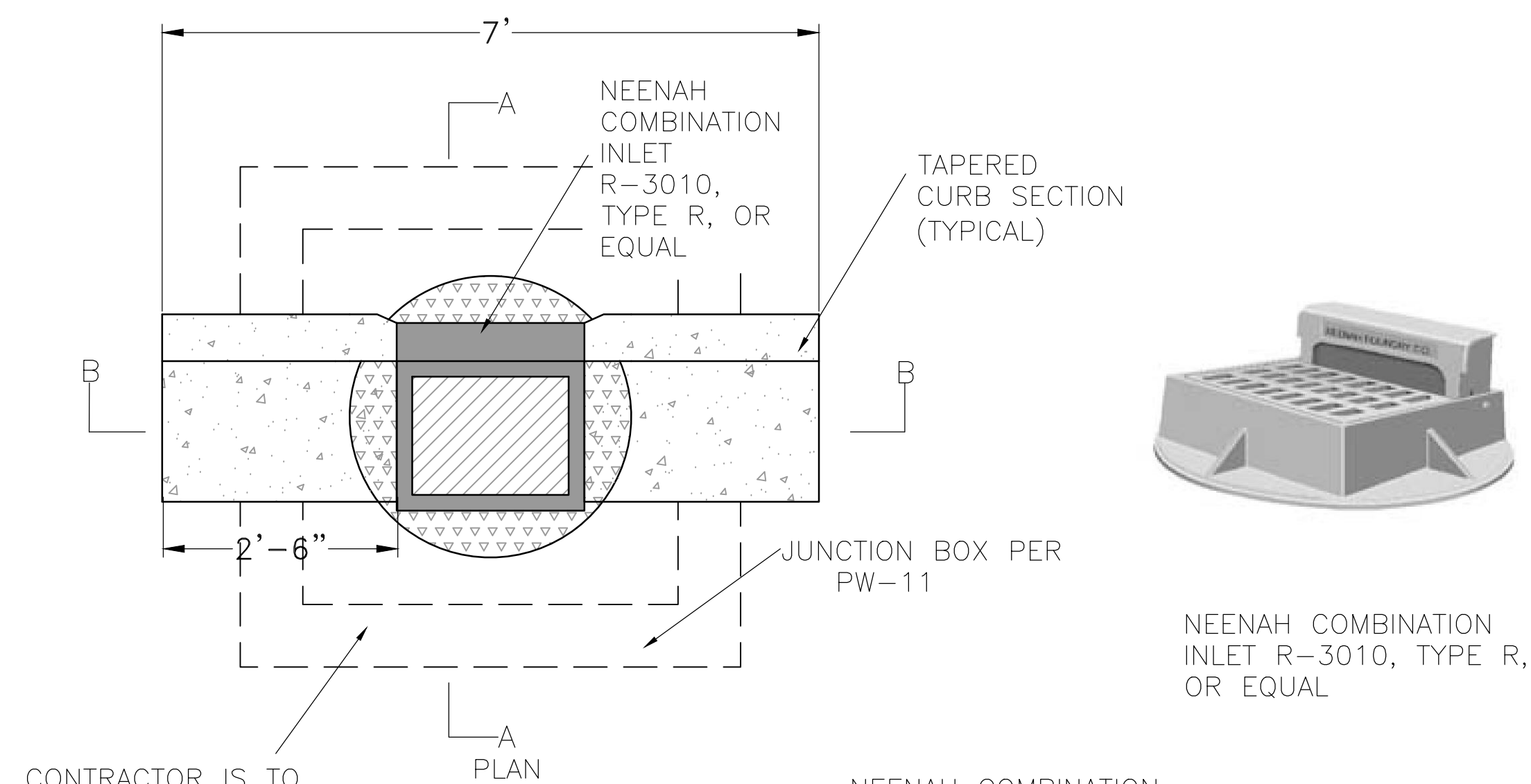
FINAL- 100% SUBMITTAL



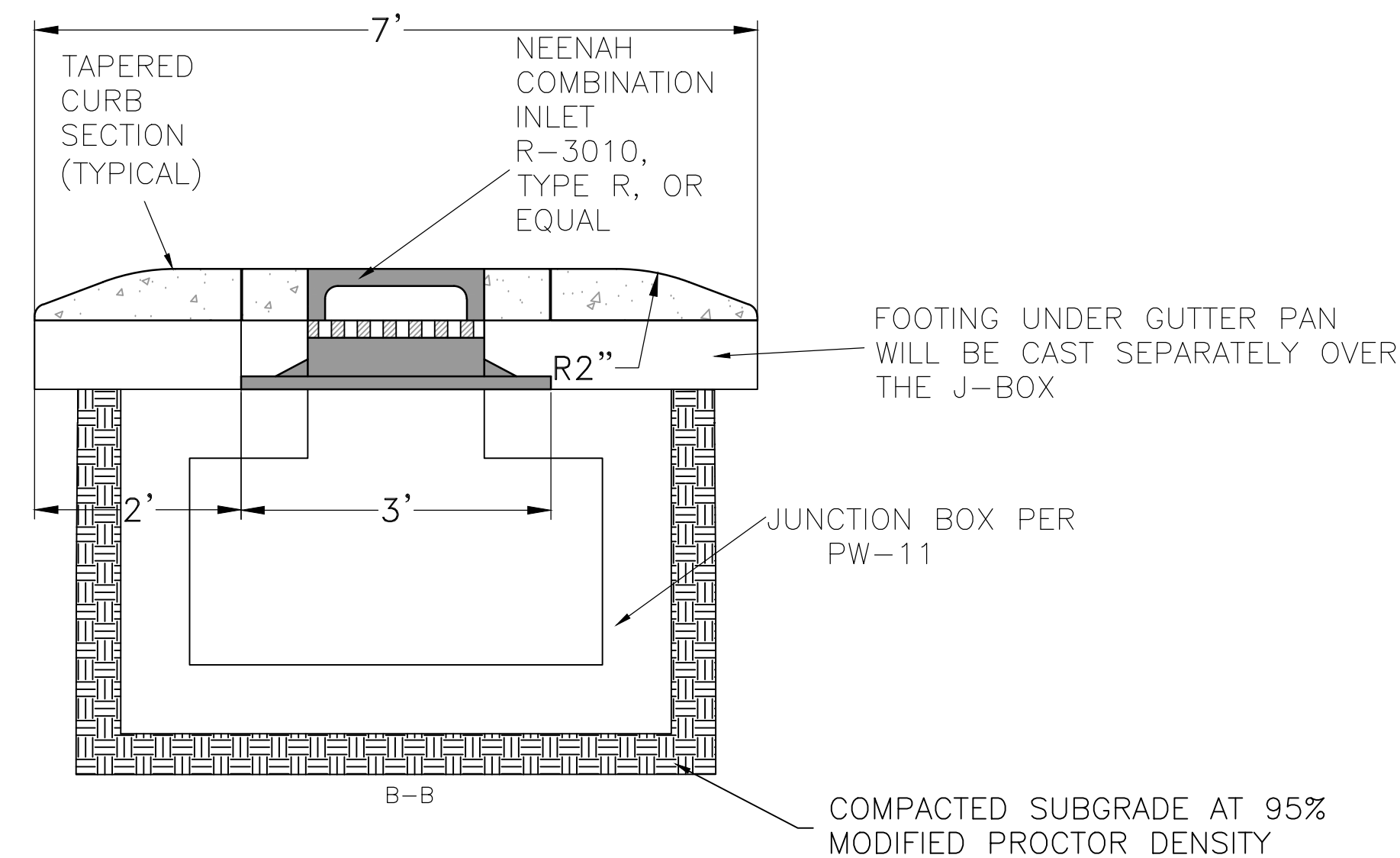
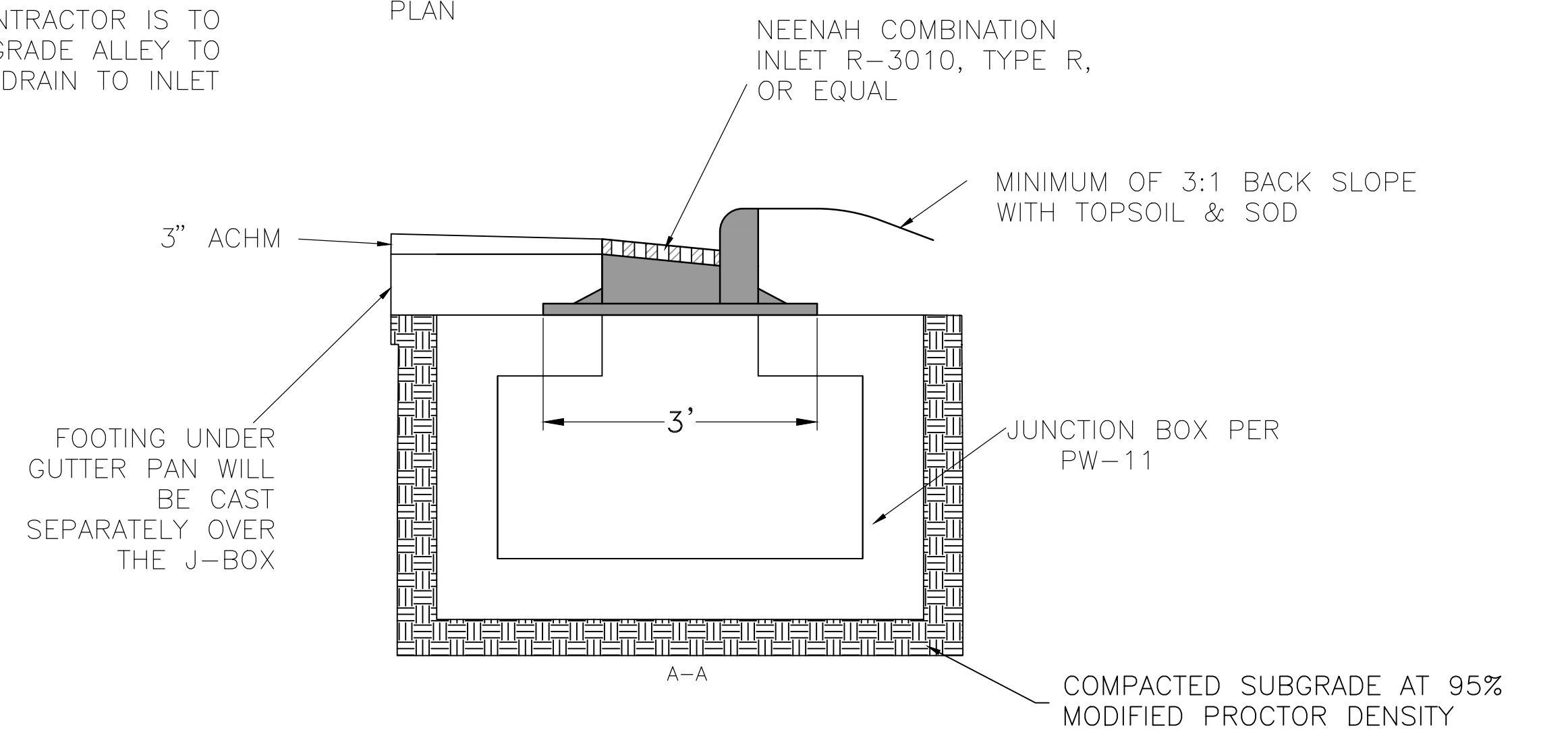
*TYPICAL SECTION— PAVED ALLEY
STA 1+60 TO 3+10*



*TYPICAL SECTION— DRIVEWAY
STA 3+10 TO 4+59*



NEENAH COMBINATION INLET R-3010, TYPE R, OR EQUAL



*COMBINATION INLET— SPECIAL DETAIL
NTS*

FINAL- 100% SUBMITTAL

REVISIONS	DATE

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

TYPICAL SECTIONS & DETAILS

DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201



DRAWN BY

AV

DESIGNED

KP

CHECKED

JB

DATE

11.21.19

SCALE

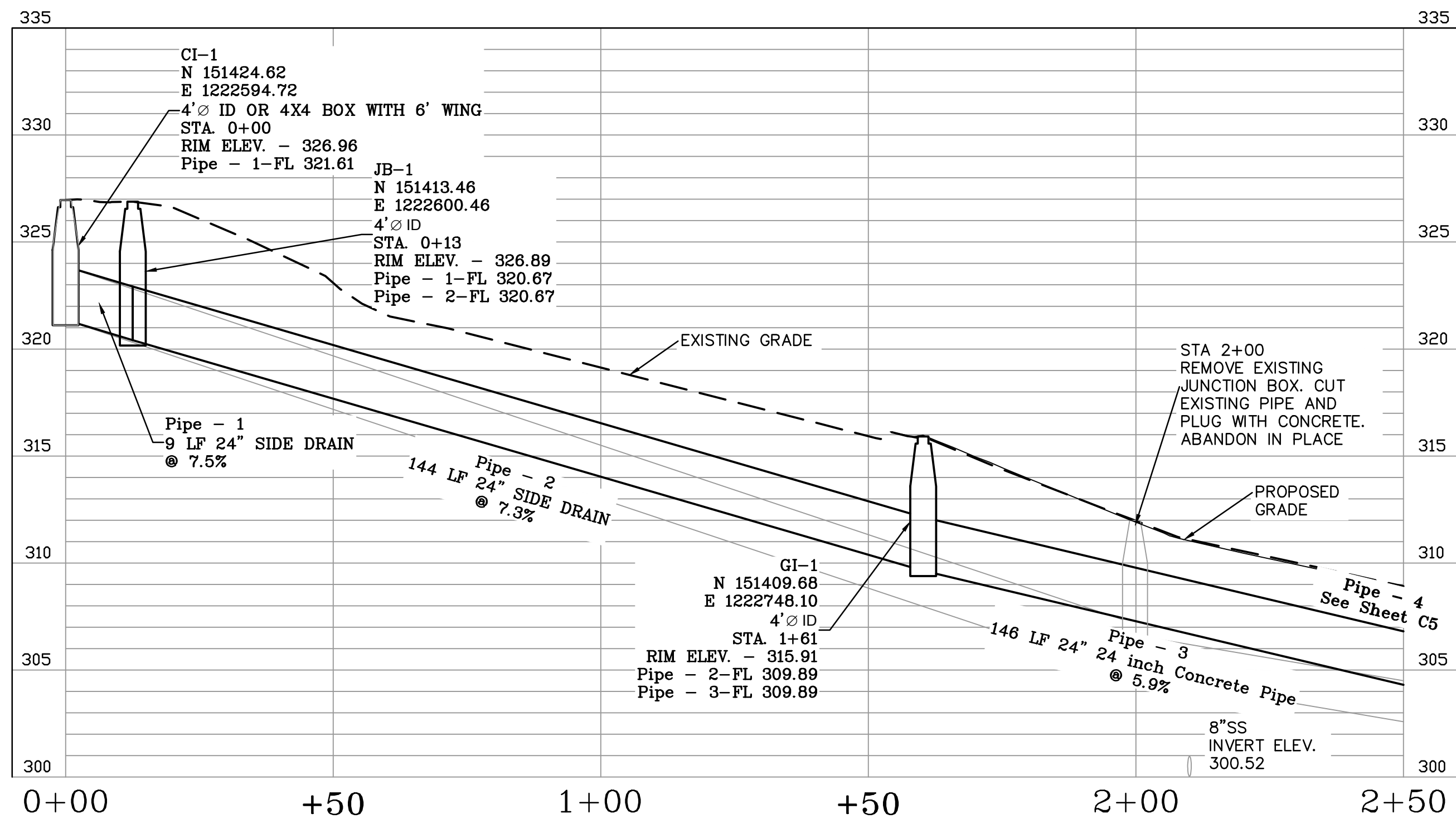
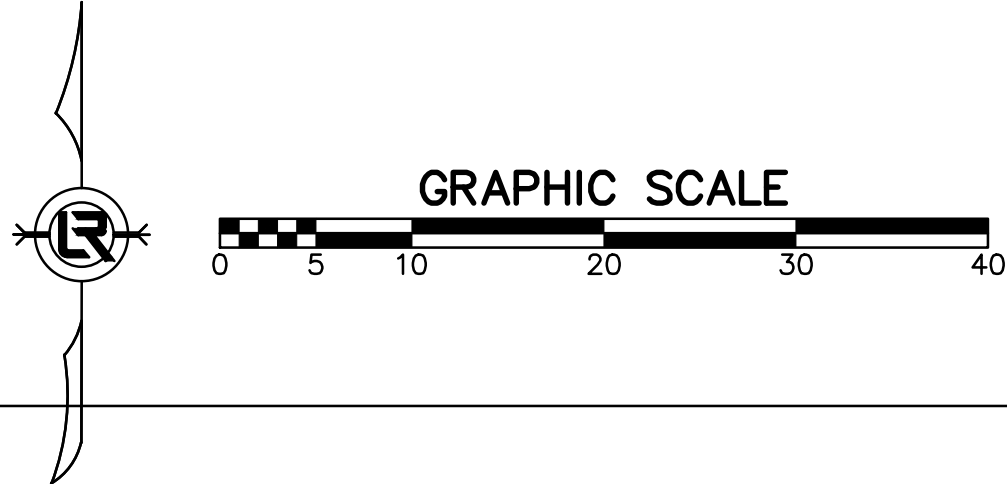
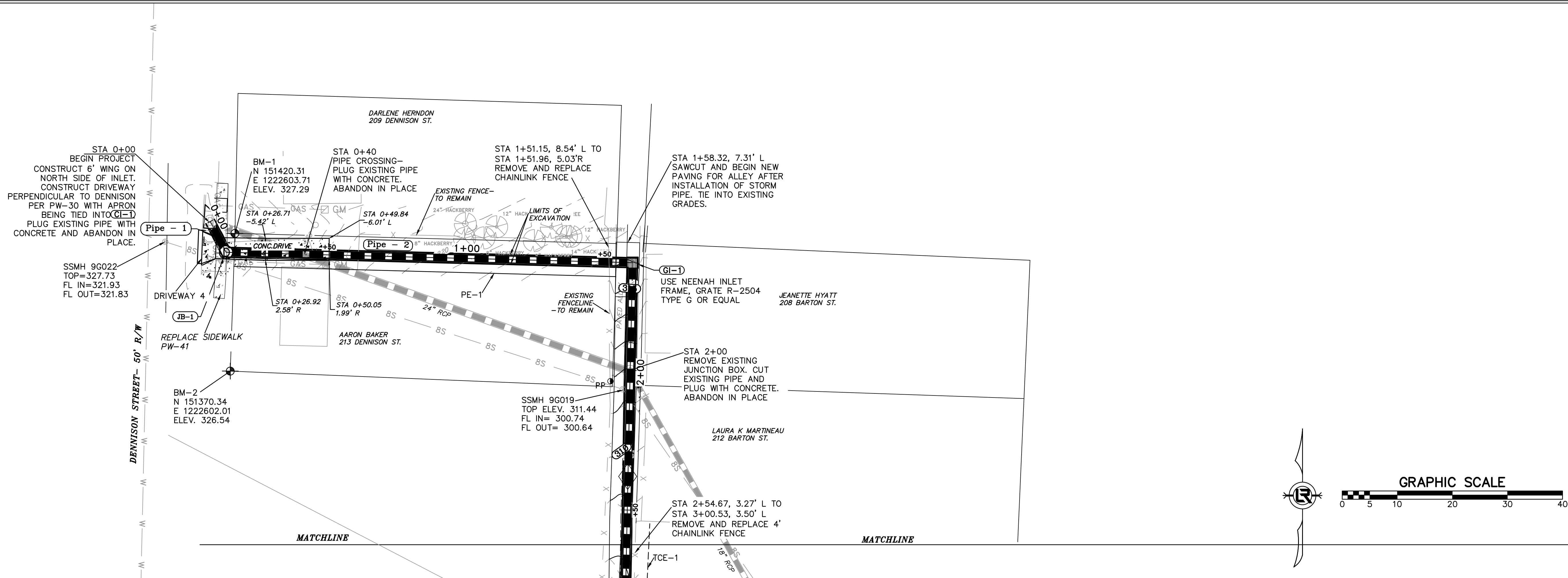
NTS

PROJECT NO.

3-17-DR-101

SHEET NO.

C3



FINAL- 100% SUBMITTAL

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

BARTON STREET DRAINAGE IMPROVEMENTS

STA 0+00 TO STA 2+50 PLAN & PROFILE

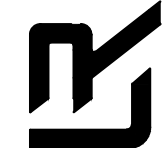


DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

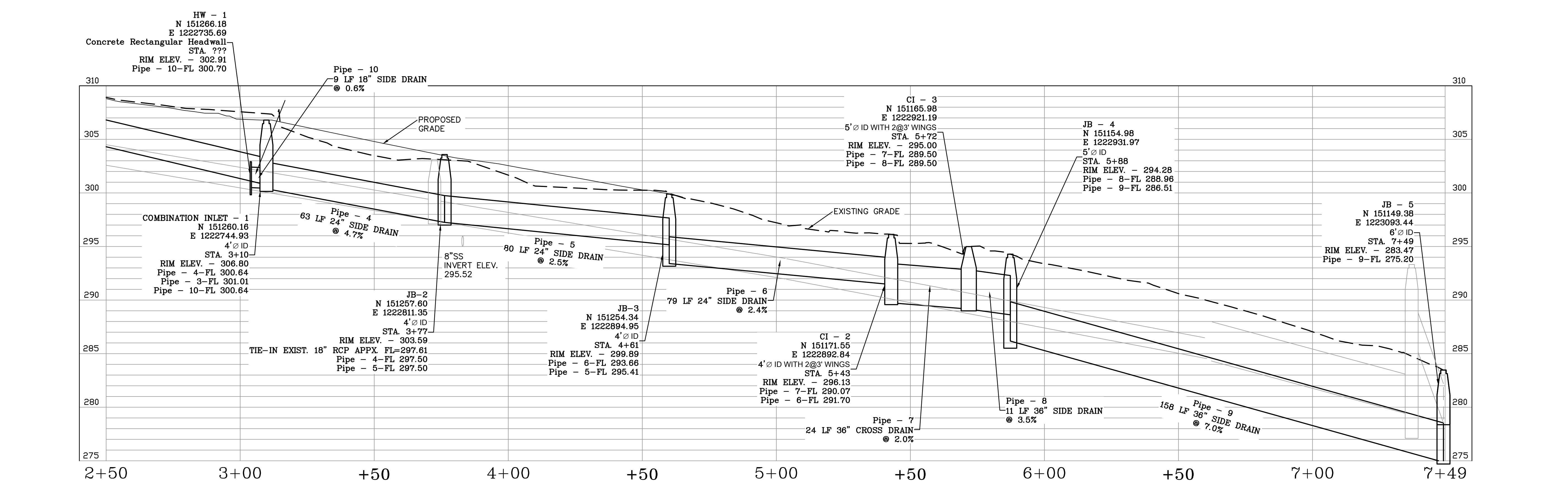
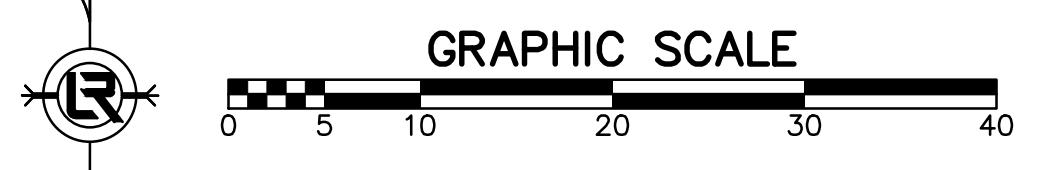
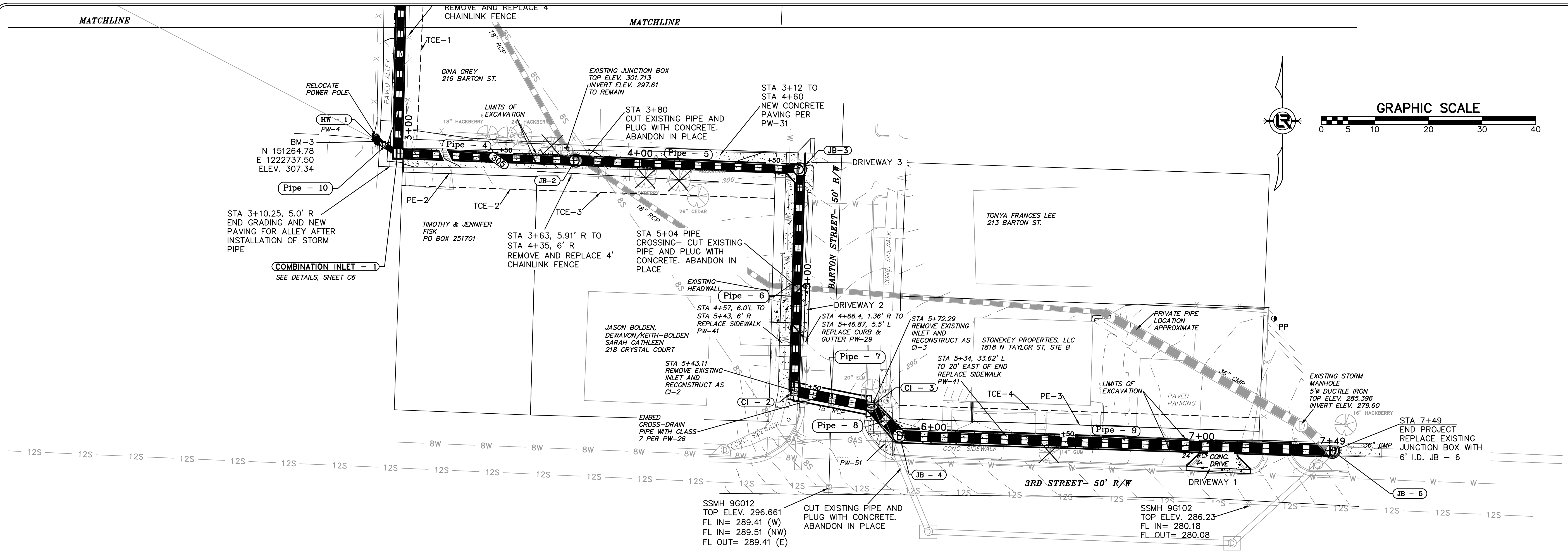
701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201





DRAWN BY	JB
DESIGNED	KP
CHECKED	RB
DATE	11.21.19
SCALE	1"=20'H, 1"=5'V
PROJECT NO.	3-17-DR-101
SHEET NO.	C4



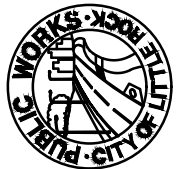
FINAL- 100% SUBMITTAL

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

BARTON STREET DRAINAGE IMPROVEMENTS

STA 2+50 TO STA 5+71 PLAN & PROFILE

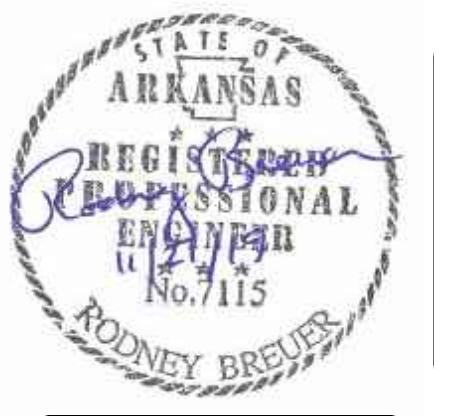


DEPARTMENT OF PUBLIC WORKS

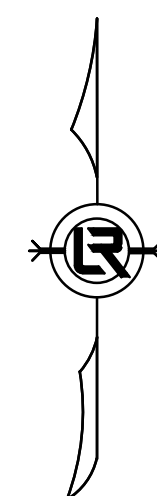
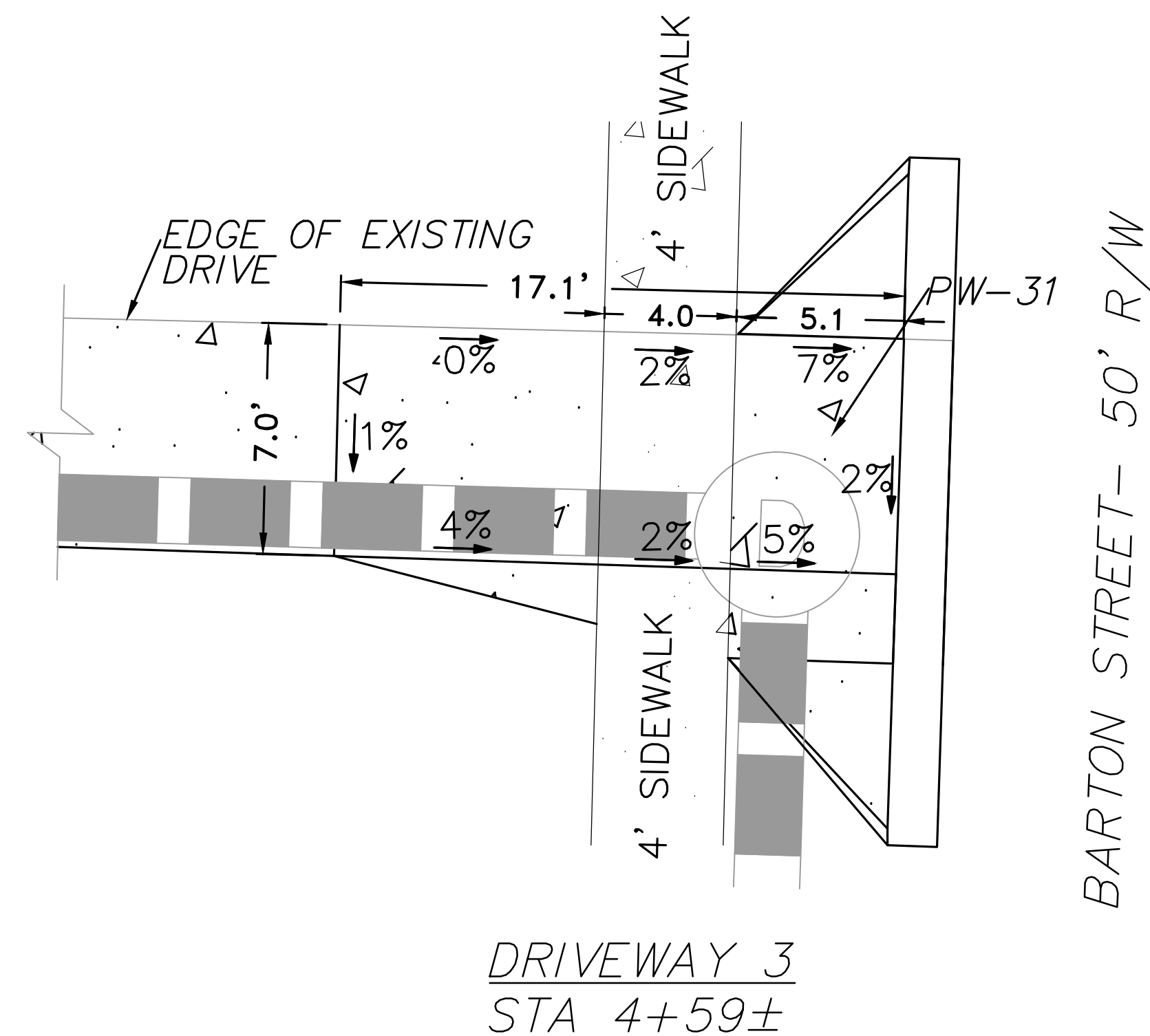
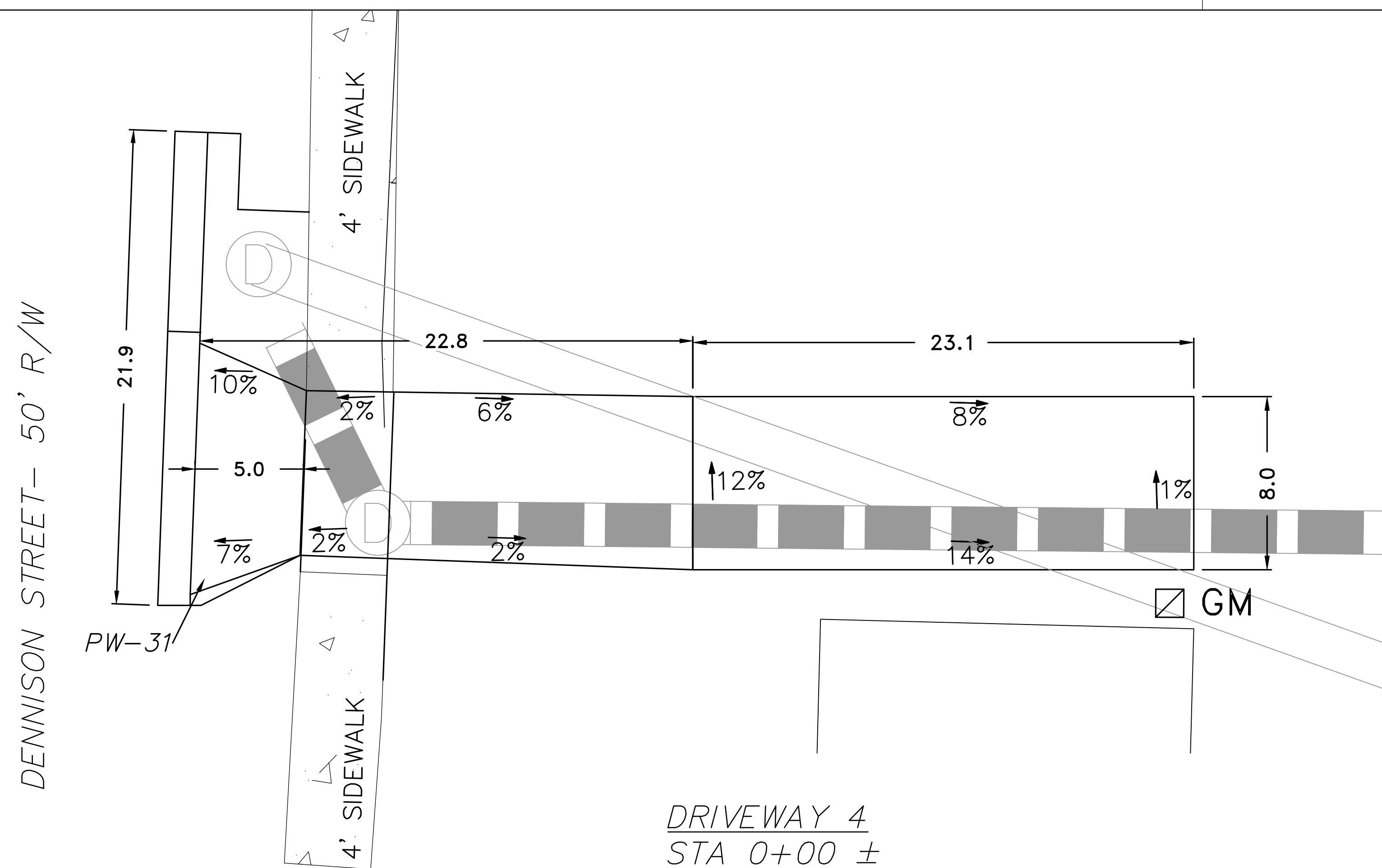
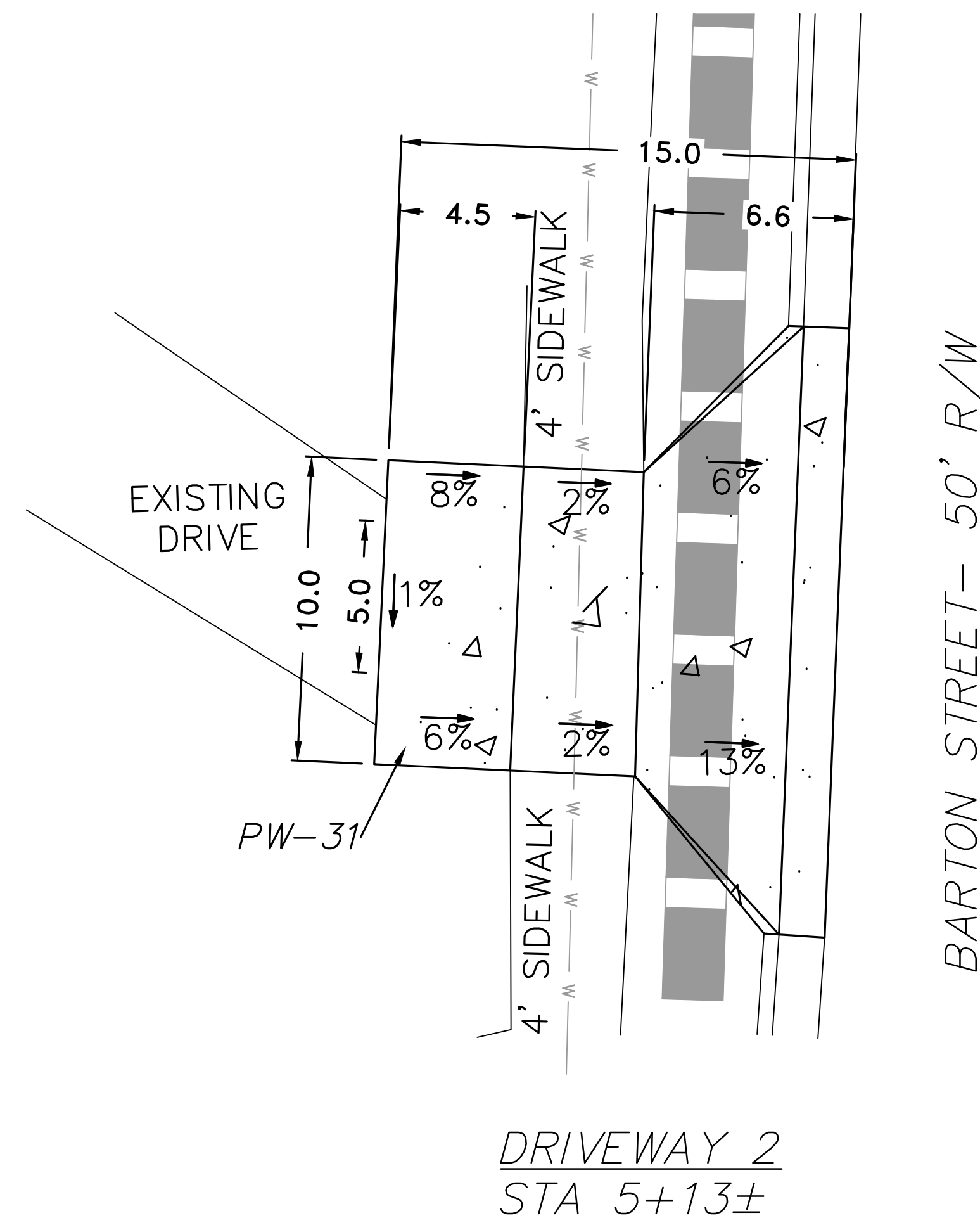
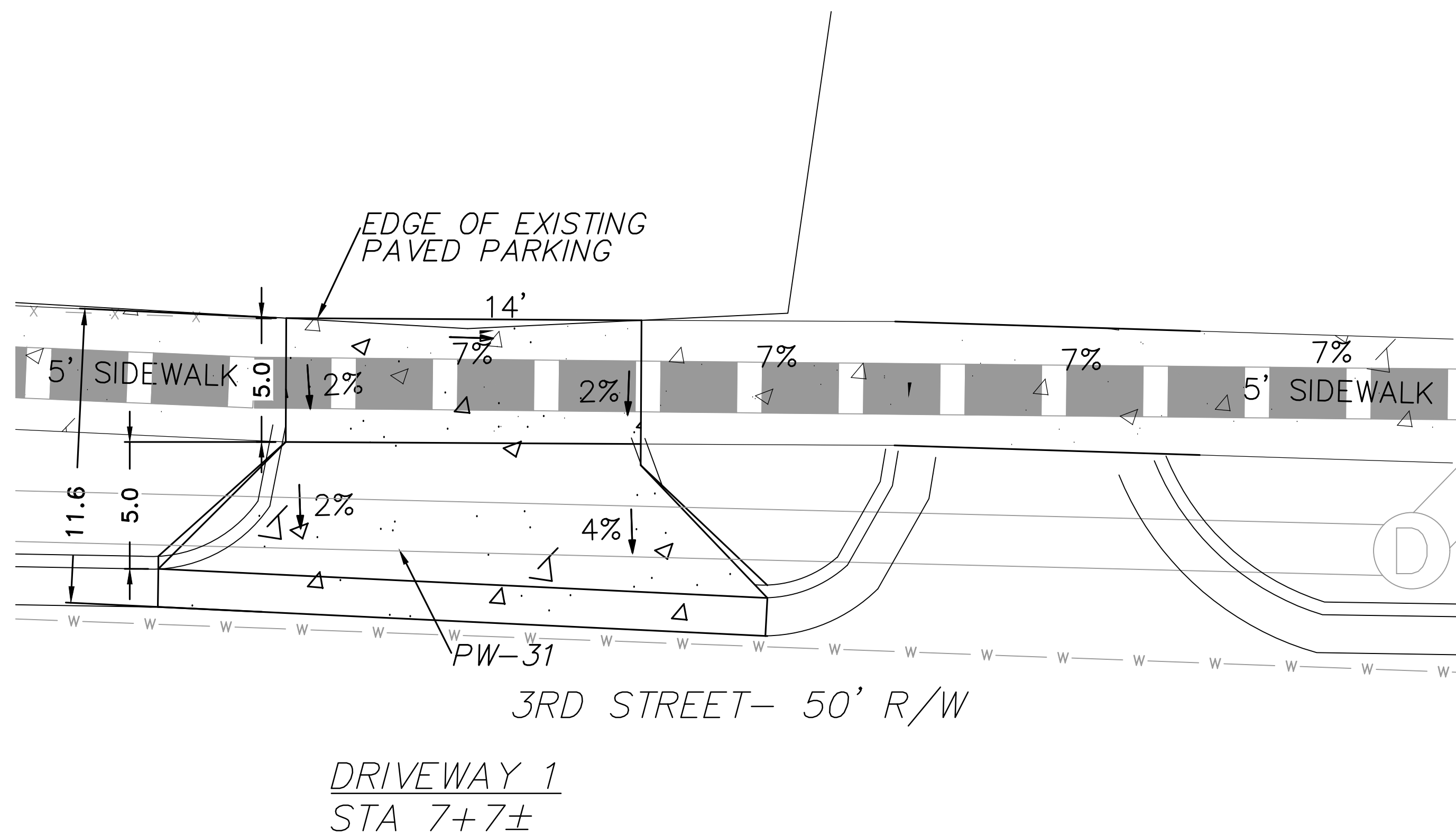
CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201



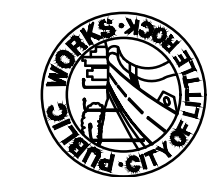
DRAWN BY	JB
DESIGNED	KP
CHECKED	RB
DATE	11.21.19
SCALE	1"=20'H, 1"=5'V
PROJECT NO.	3-17-DR-101
SHEET NO.	C5



FINAL- 100% SUBMITTAL

REVISIONS	DATE

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



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



DRAWN BY AV
DESIGNED KP
CHECKED RB
DATE 11.21.19
SCALE 1:4
PROJECT NO. 3-17-DR-101
SHEET NO. C6

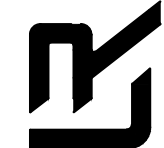
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

BARTON STREET DRAINAGE IMPROVEMENTS

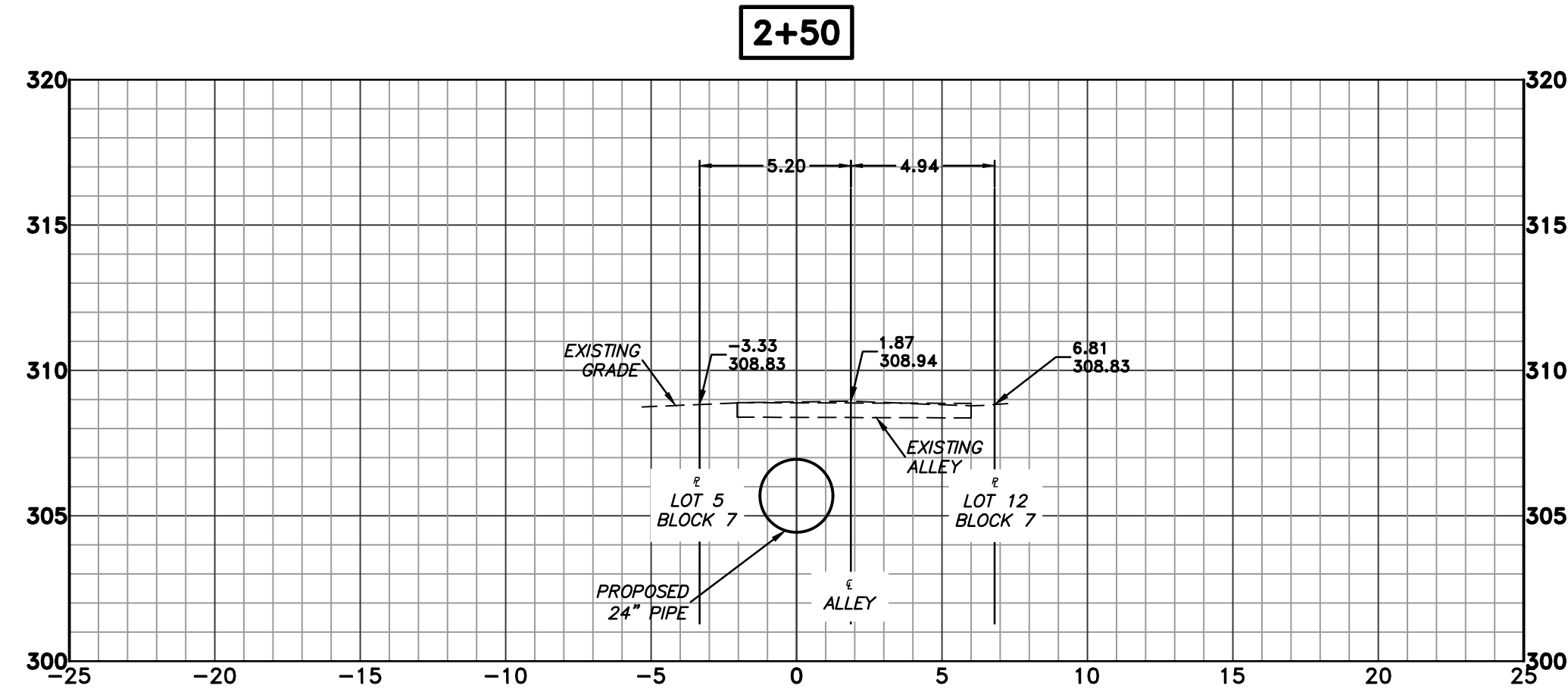
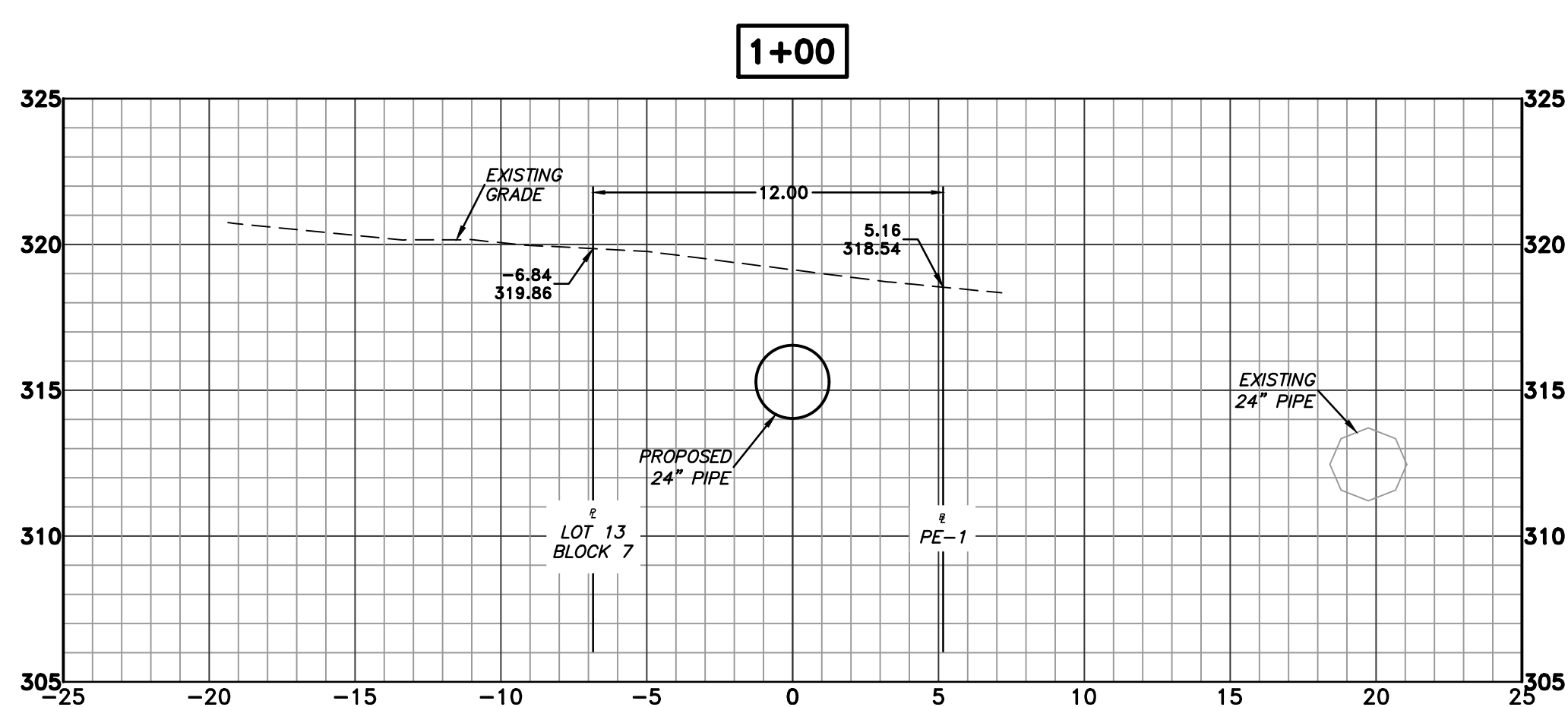
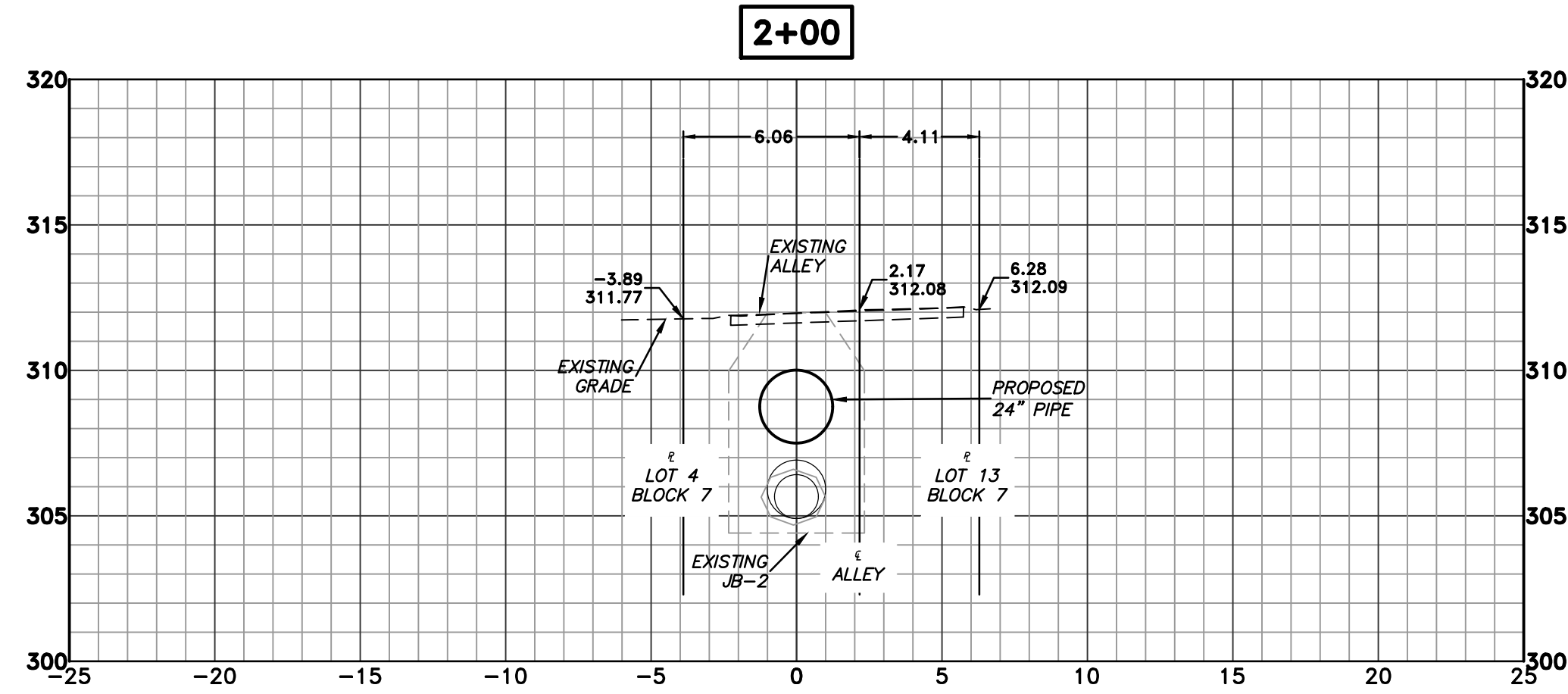
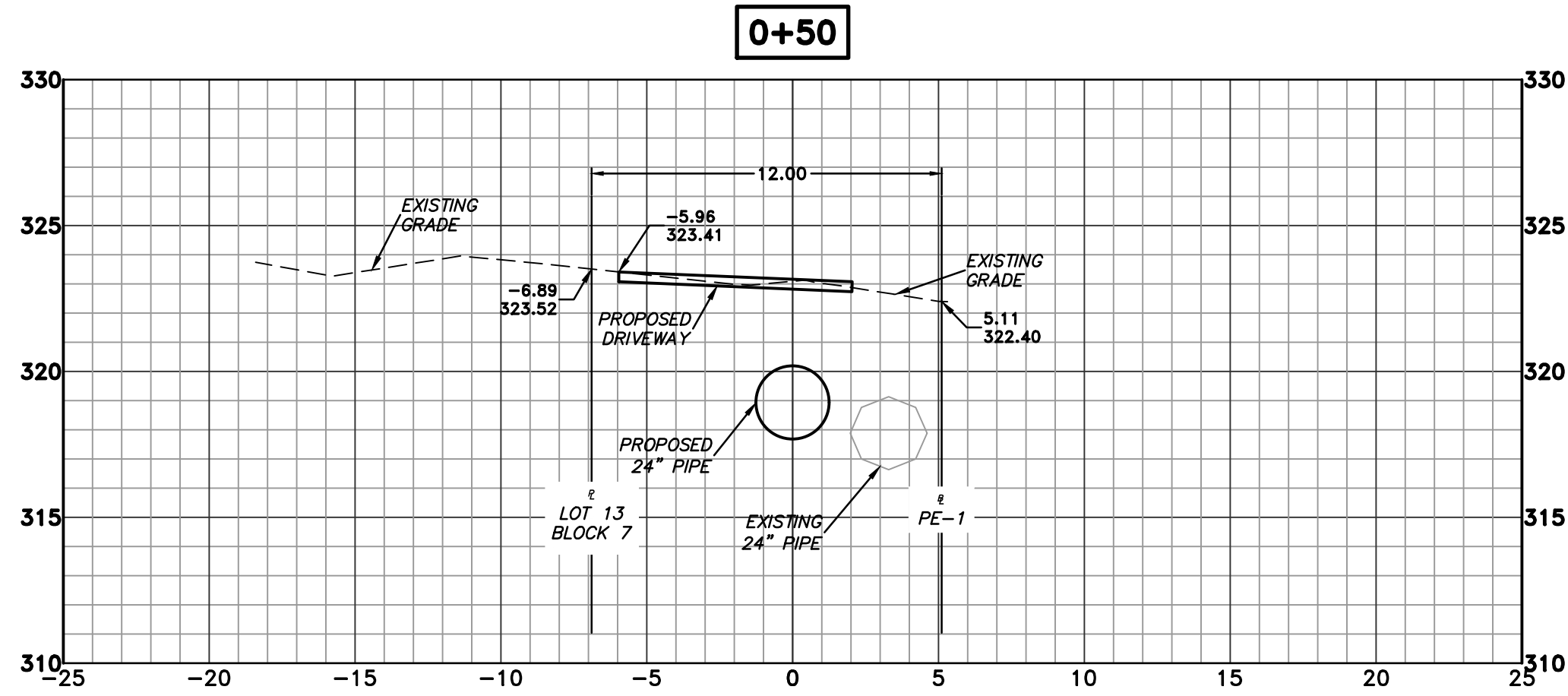
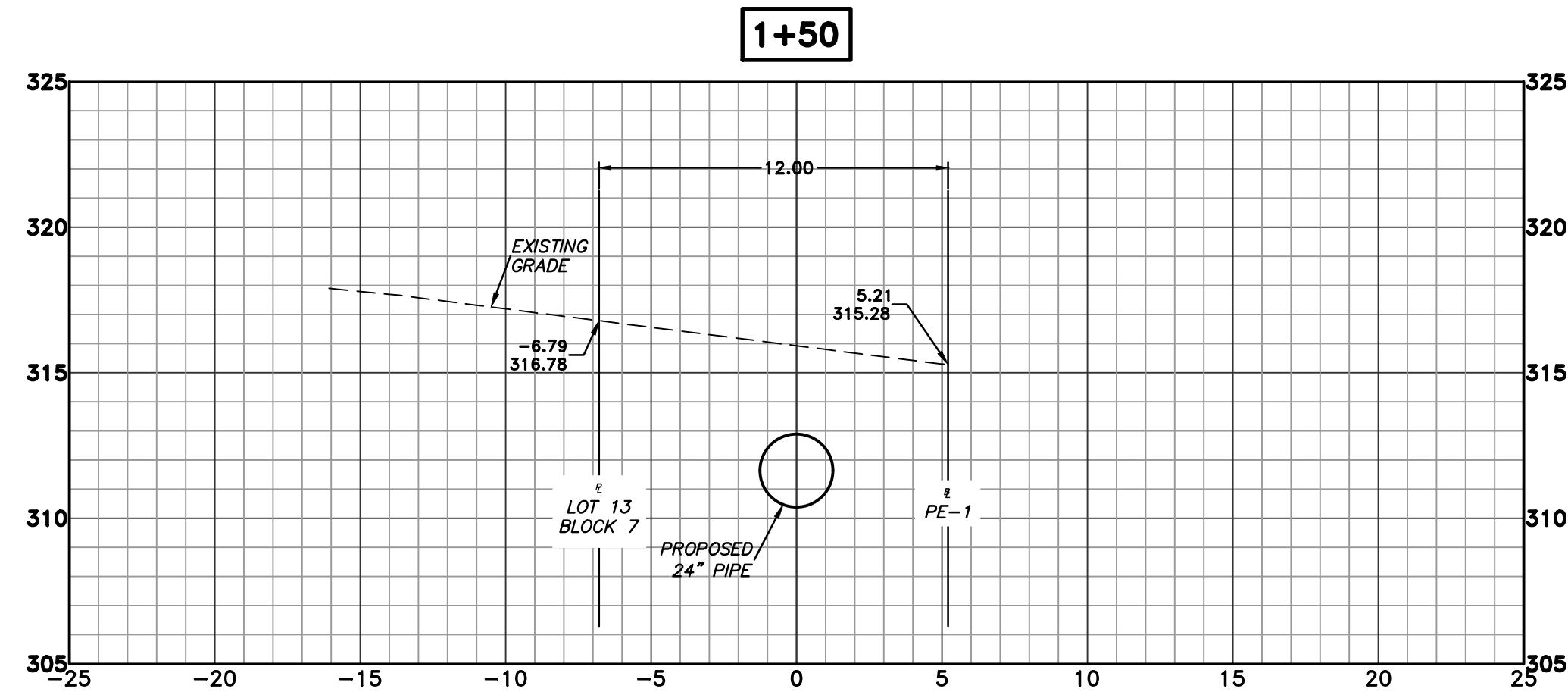
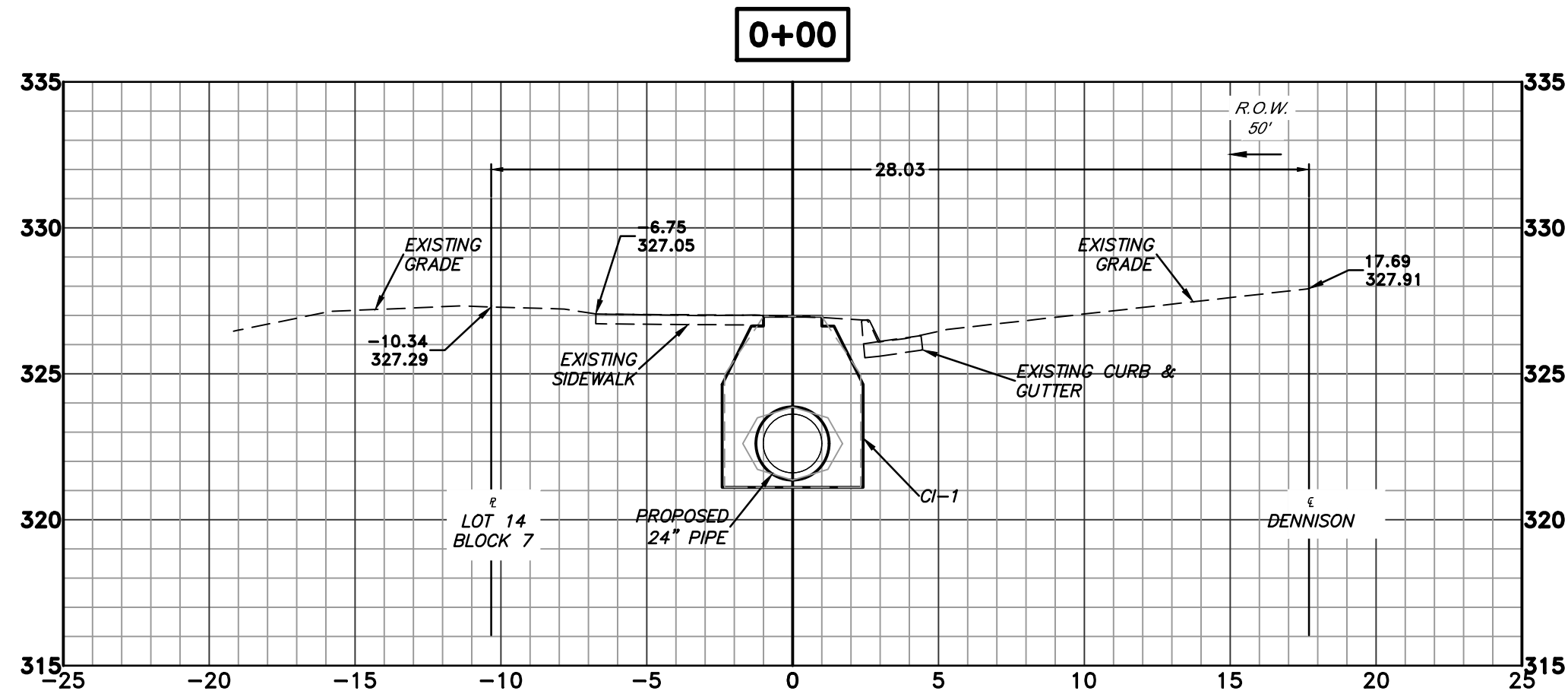
CROSS SECTIONS - STA 0+00 TO STA 2+50


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

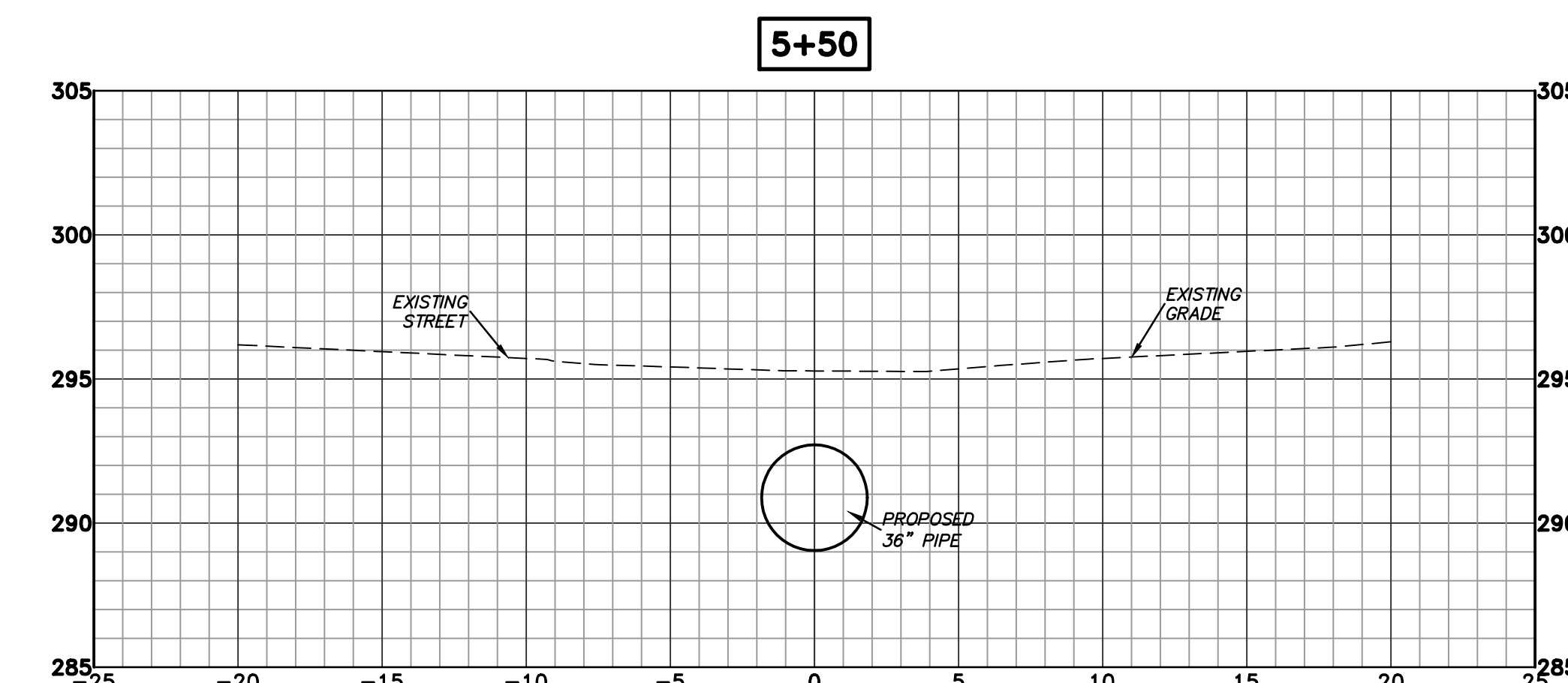
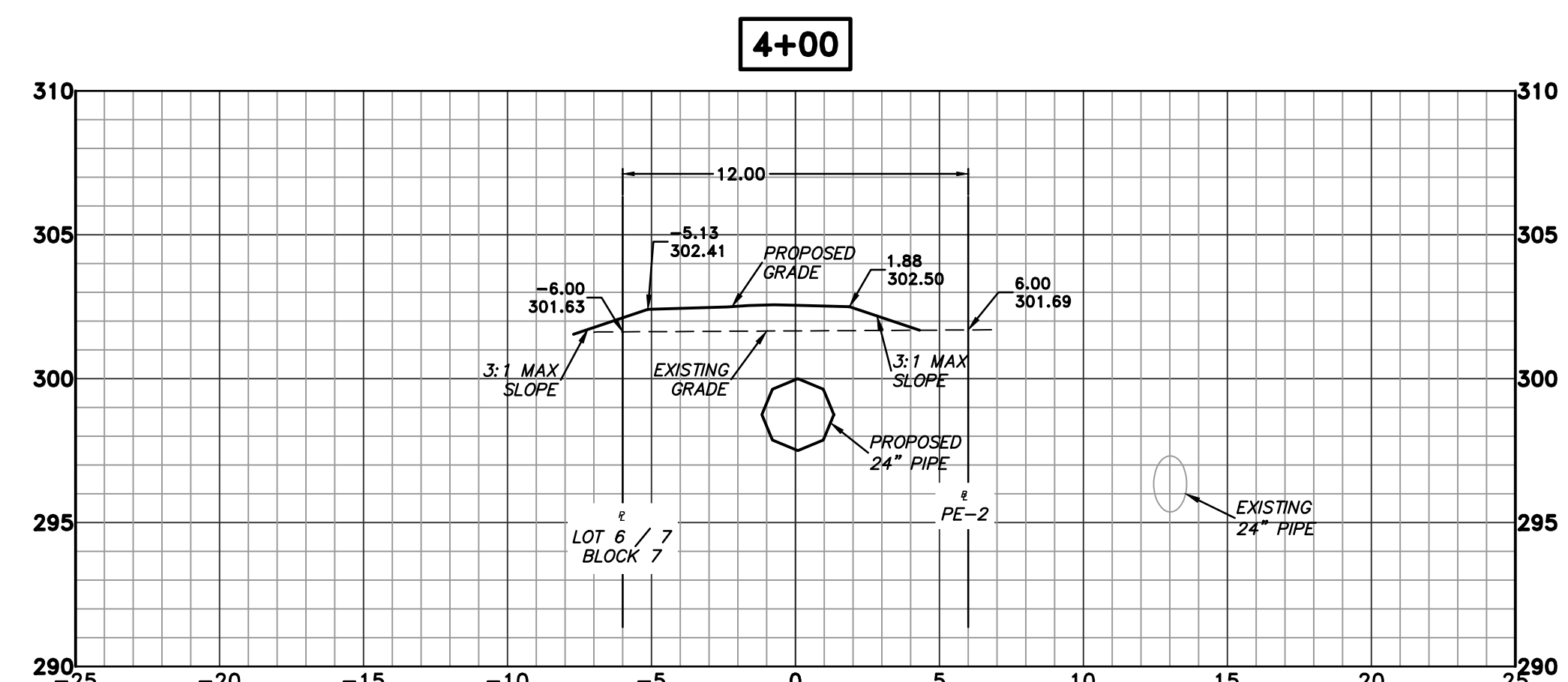
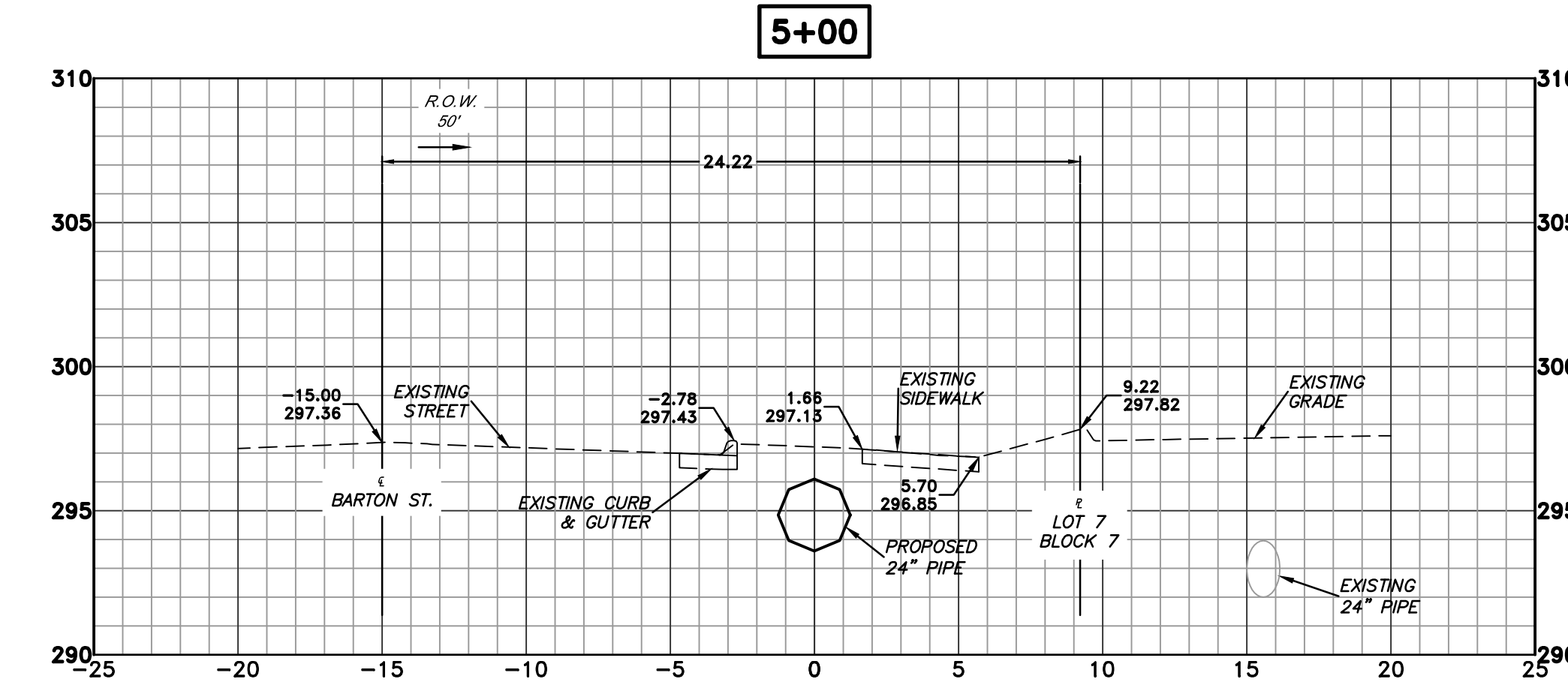
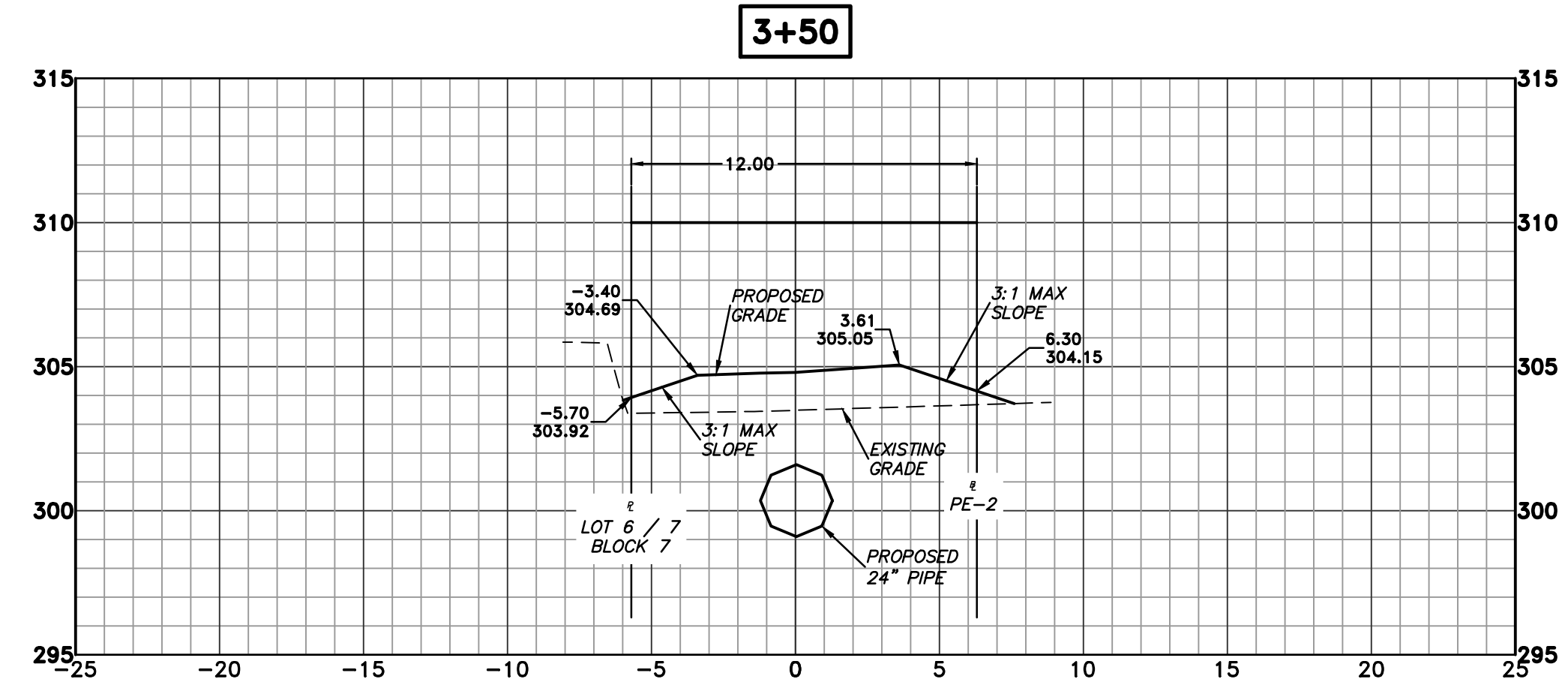
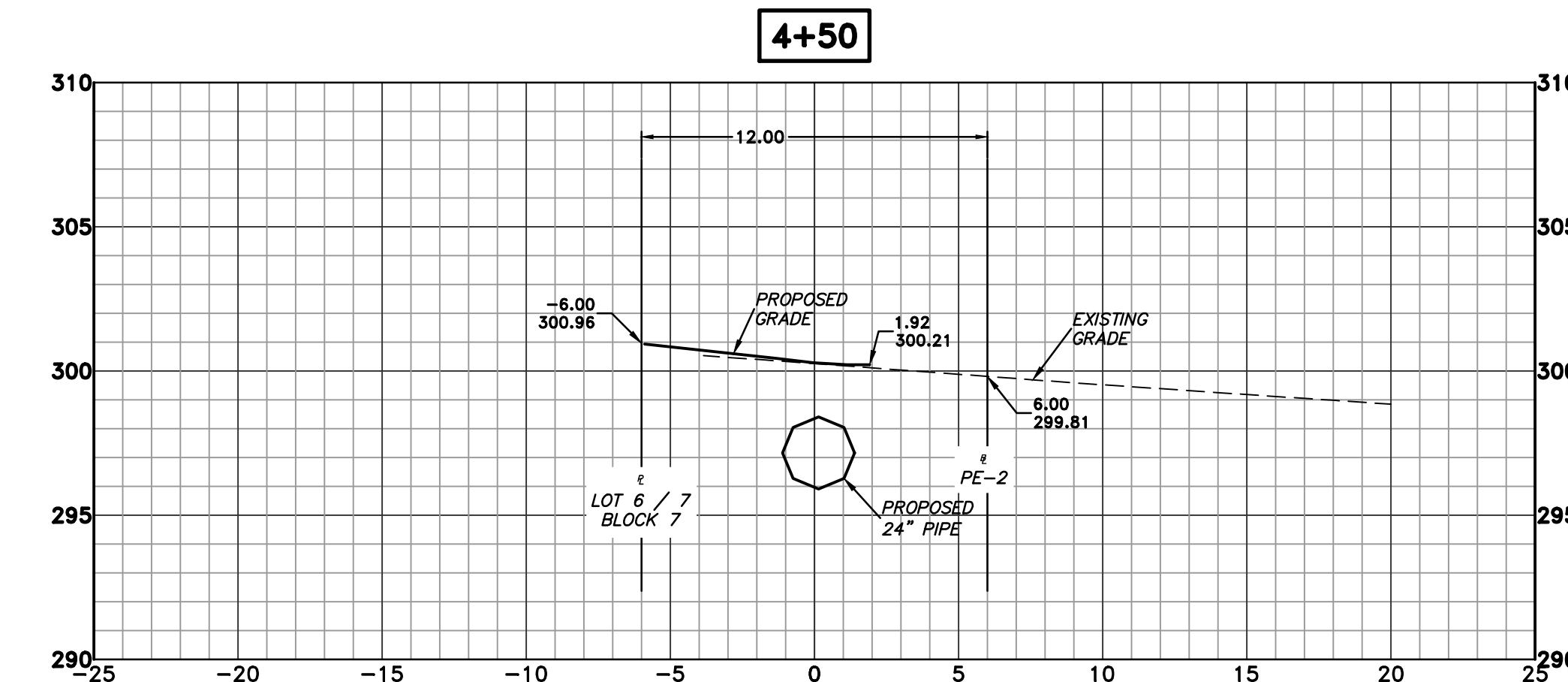
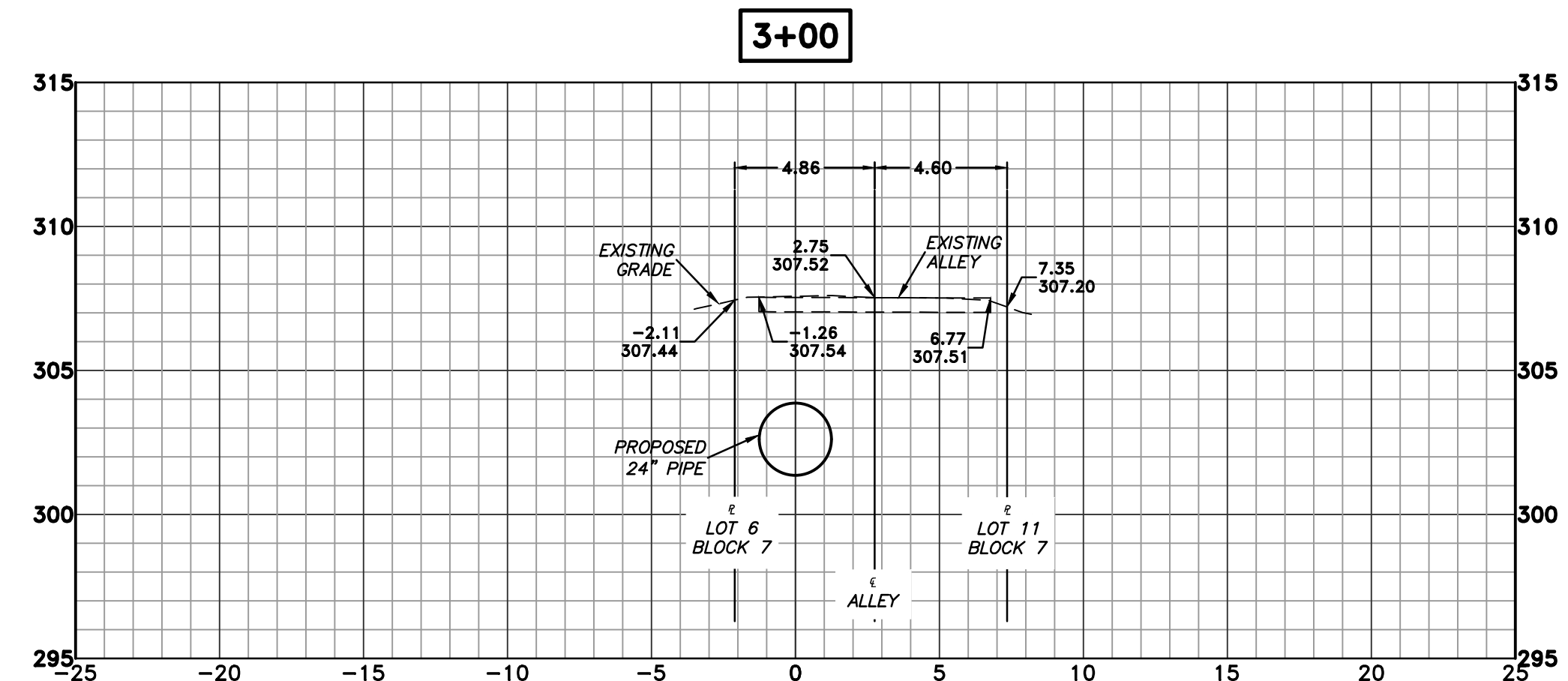




DRAWN BY	JP
DESIGNED	KP
CHECKED	RB
DATE	11.21.19
SCALE	1" = 5'
PROJECT NO.	3-17-DR-101
SHEET NO.	C7



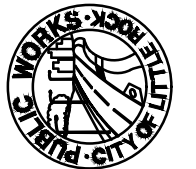
FINAL- 100% SUBMITTAL



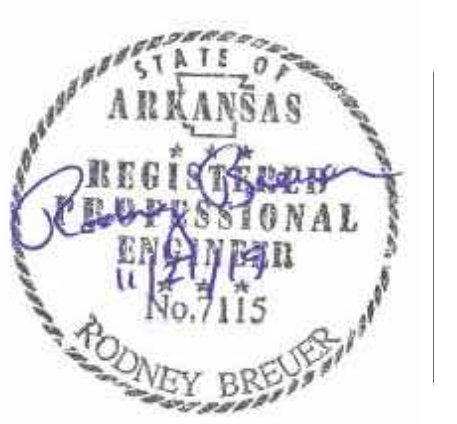
FINAL- 100% SUBMITTAL

REVISIONS	DATE

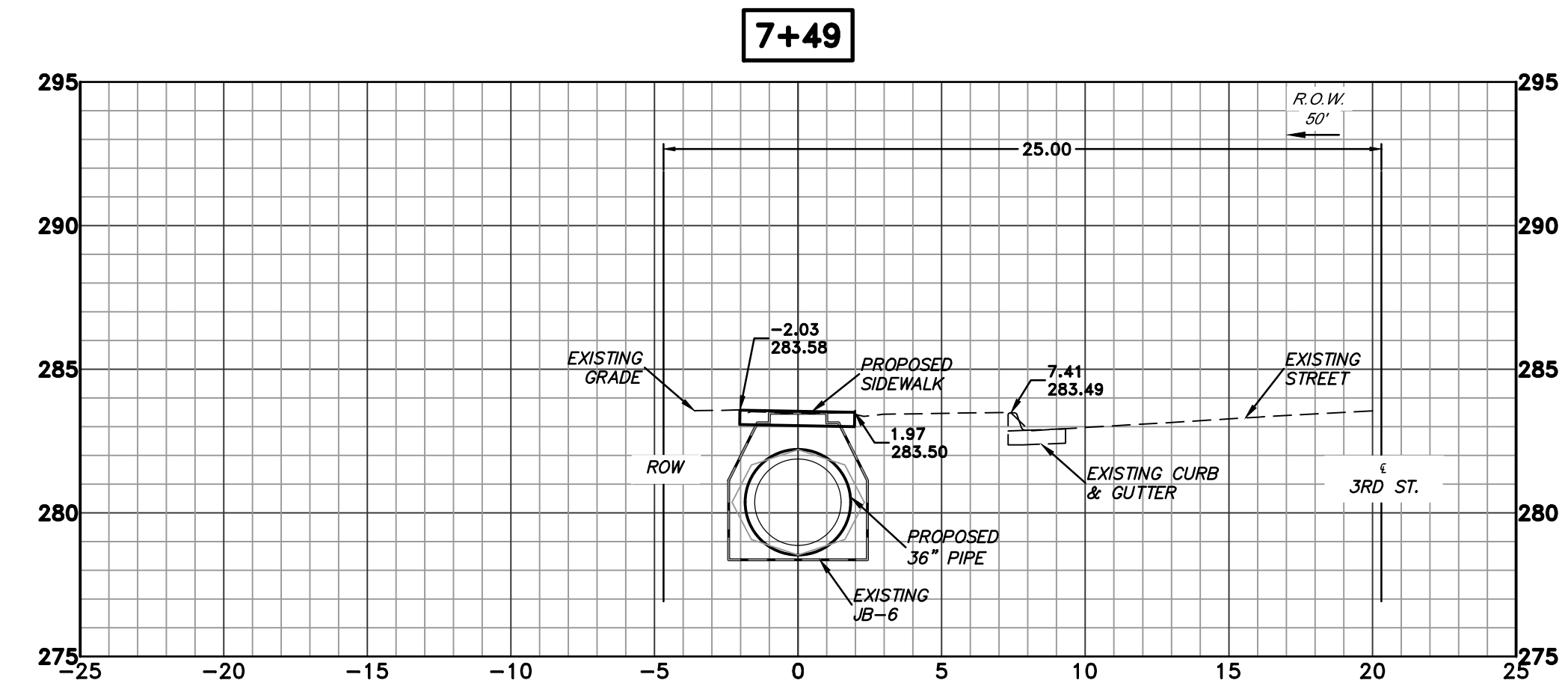
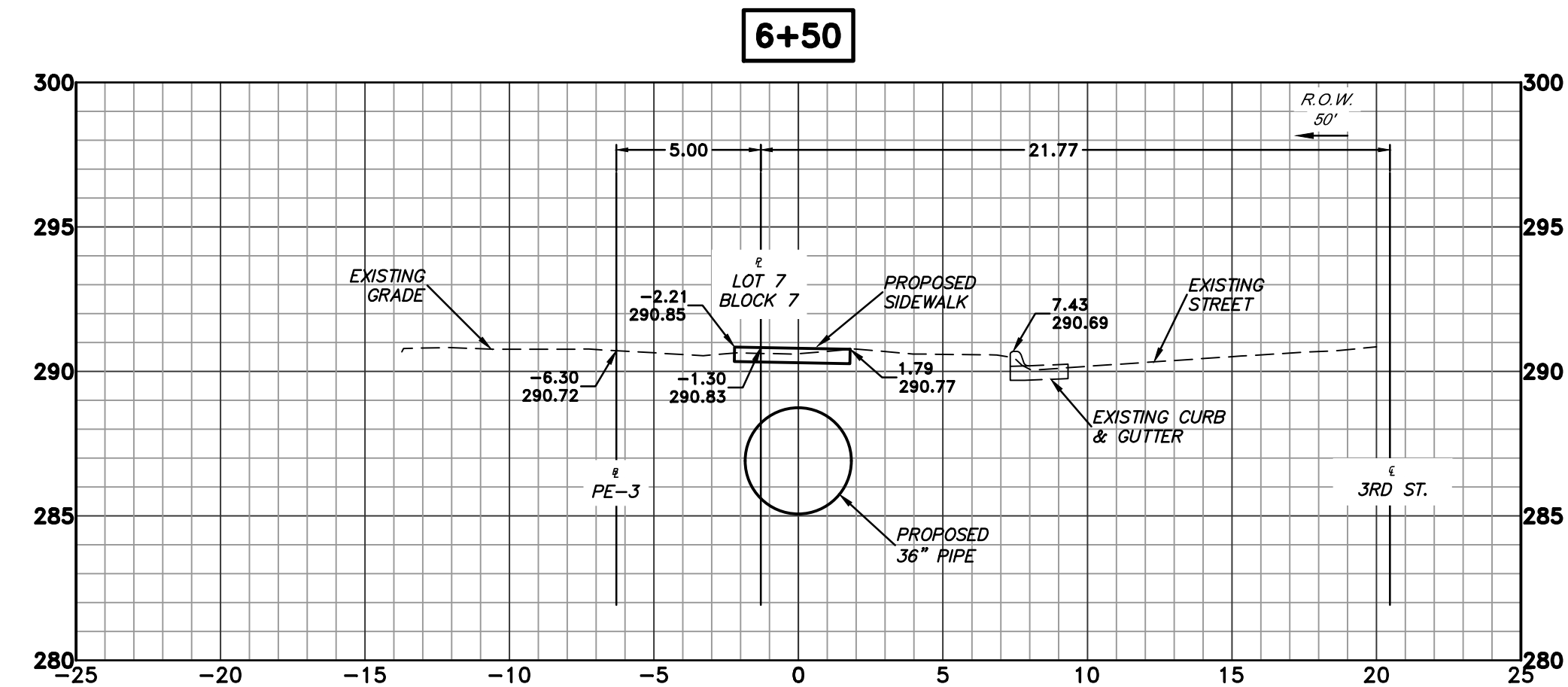
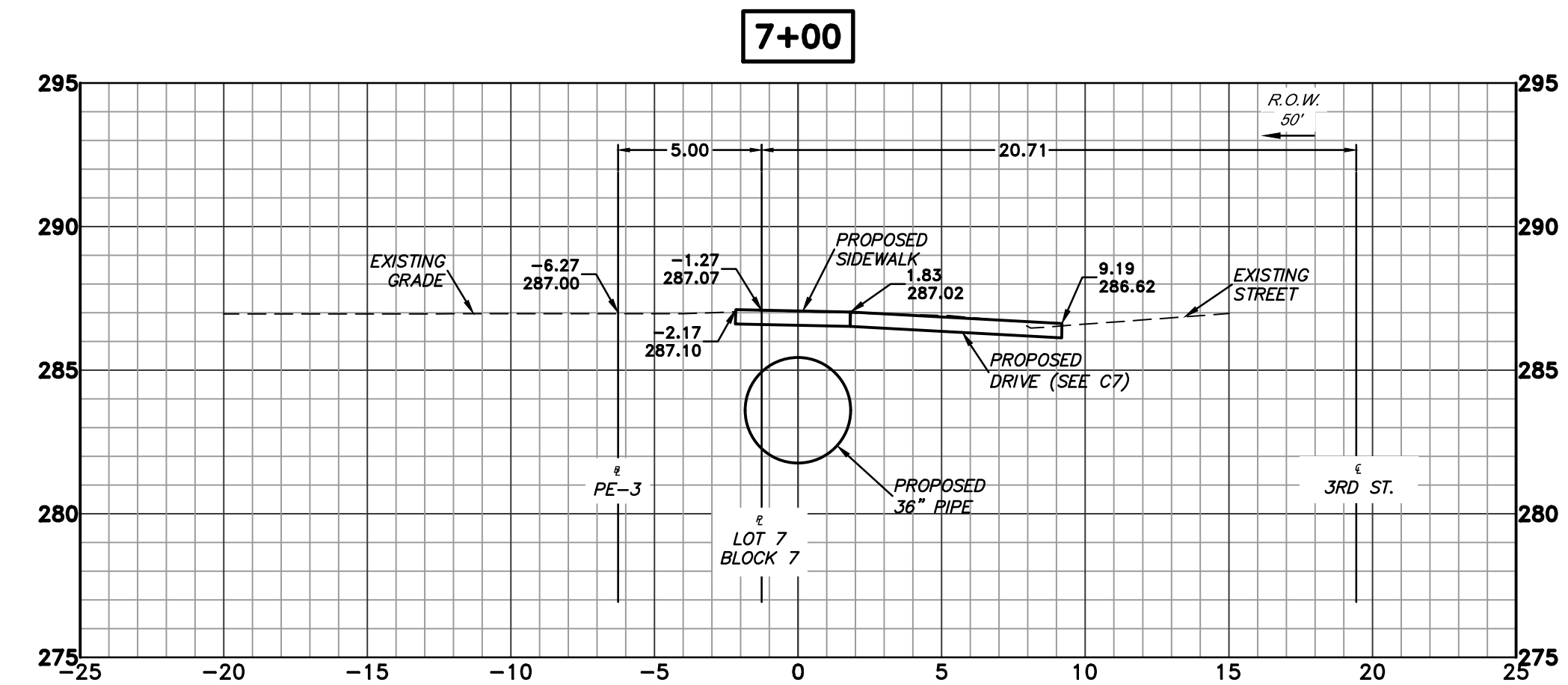
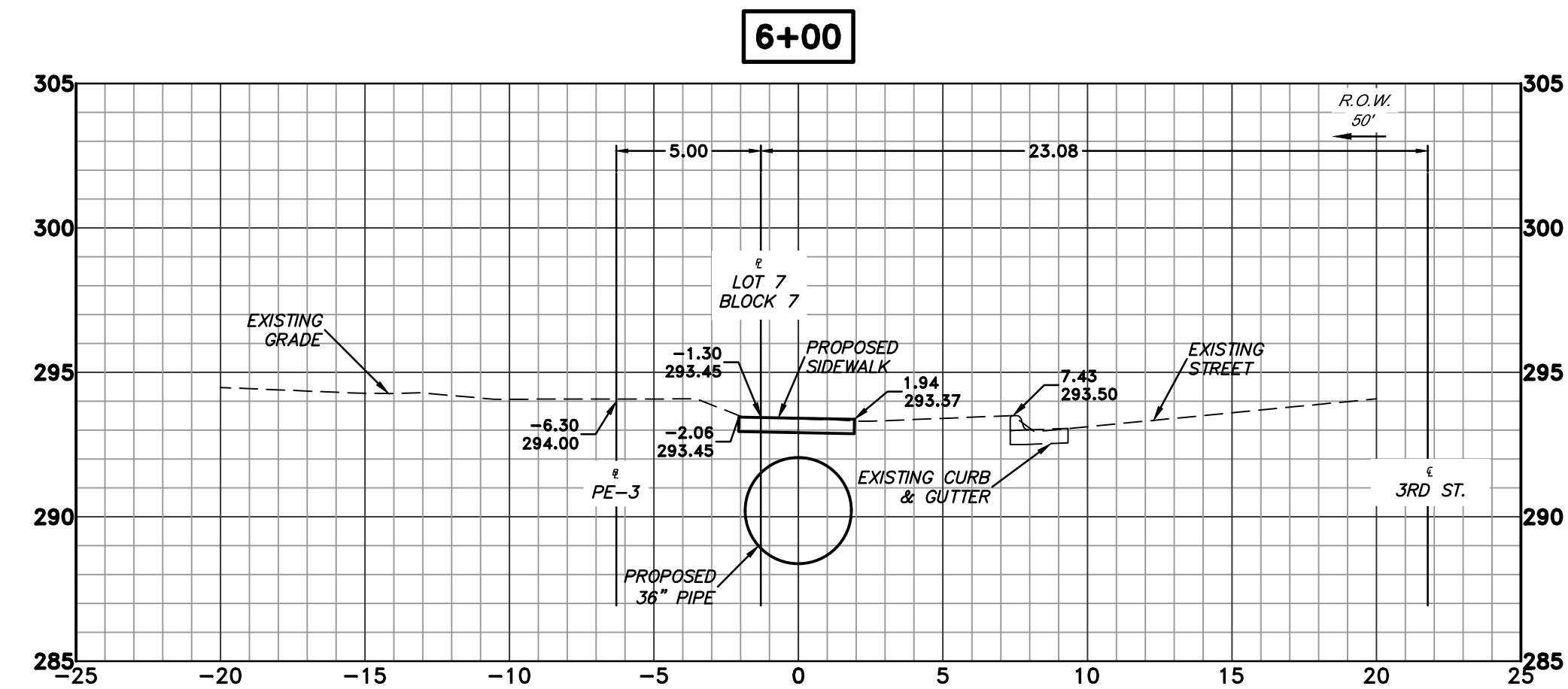
CITY OF LITTLE ROCK, ARKANSAS
BARTON STREET DRAINAGE IMPROVEMENTS
CROSS SECTIONS - STA 3+00 TO STA 5+50


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





DRAWN BY JP
DESIGNED KP
CHECKED RB
DATE 11.21.19
SCALE 1" = 5'
PROJECT NO. 3-17-DR-101
SHEET NO. C8

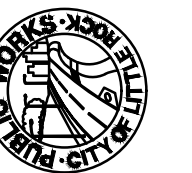


REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

BARTON STREET DRAINAGE IMPROVEMENTS

CROSS SECTIONS - STA 6+00 TO STA 7+49



CIVIL ENGINEERING

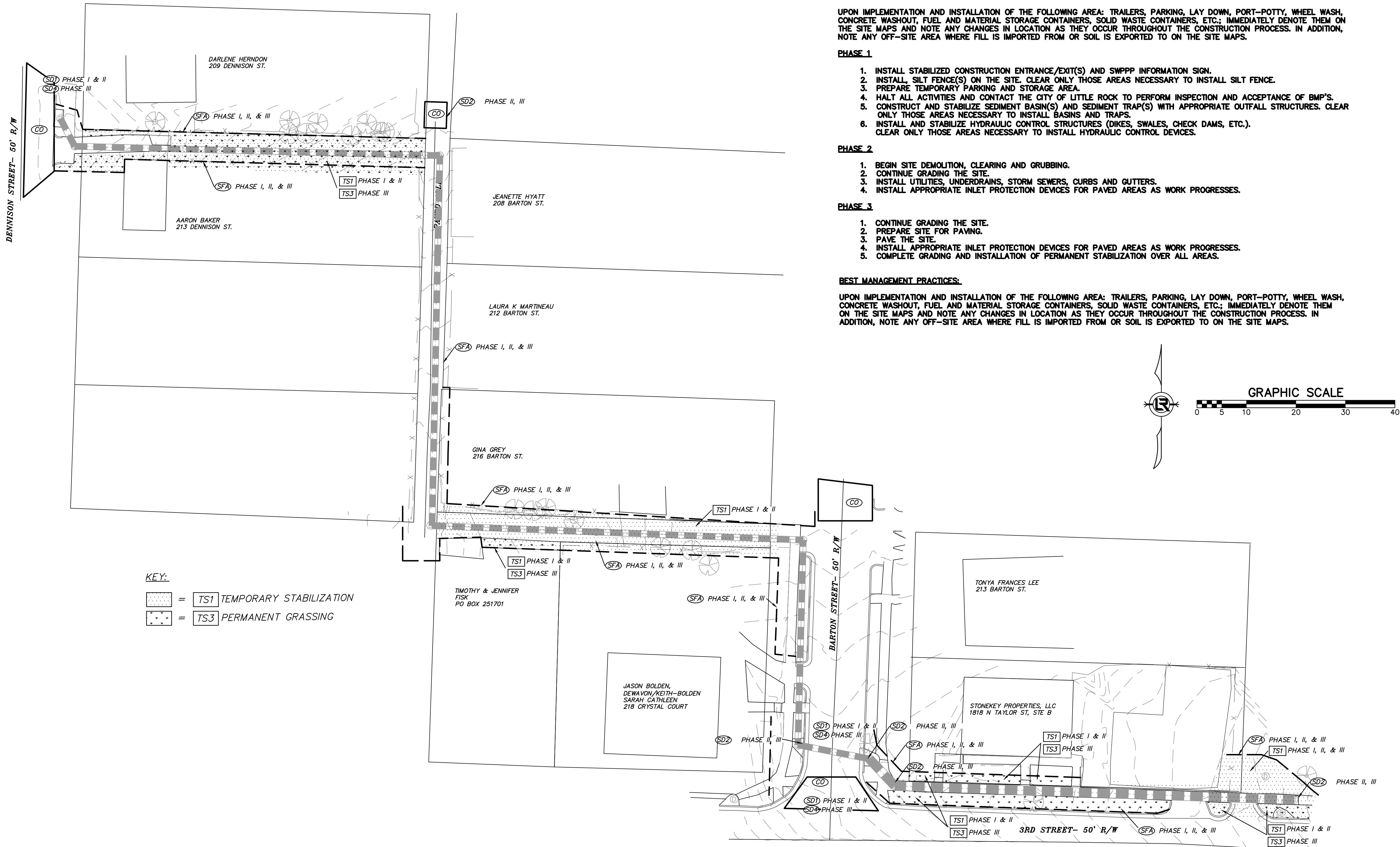
DEPARTMENT OF PUBLIC WORKS

701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY JP
DESIGNED KP
CHECKED RB
DATE 11.21.19
SCALE 1" = 5'
PROJECT NO. 3-17-DR-101
SHEET NO. C9

FINAL- 100% SUBMITTAL

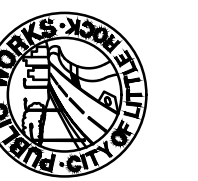


FINAL- 100% SUBMITTAL

REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS
BARTON STREET DRAINAGE IMPROVEMENTS

EROSION CONTROL PLAN



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



DRAWN BY
JB
DESIGNED
KP
CHECKED
RB

DATE
11.21.19
SCALE
1:20

PROJECT NO.
3-17-DR-101

SHEET NO.
C10