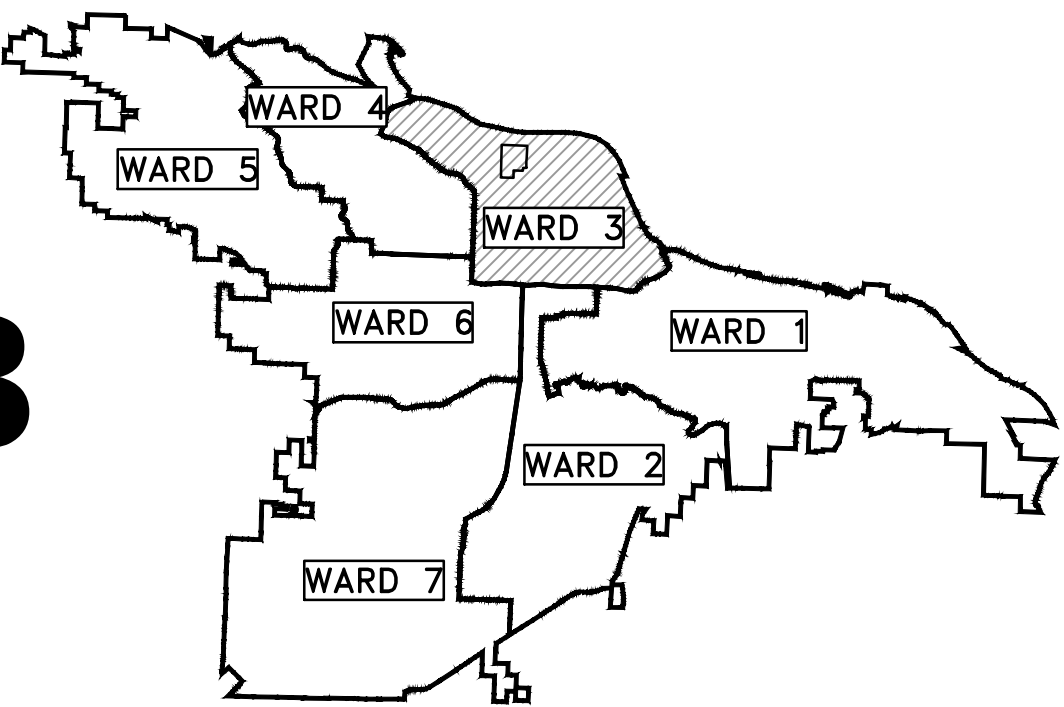
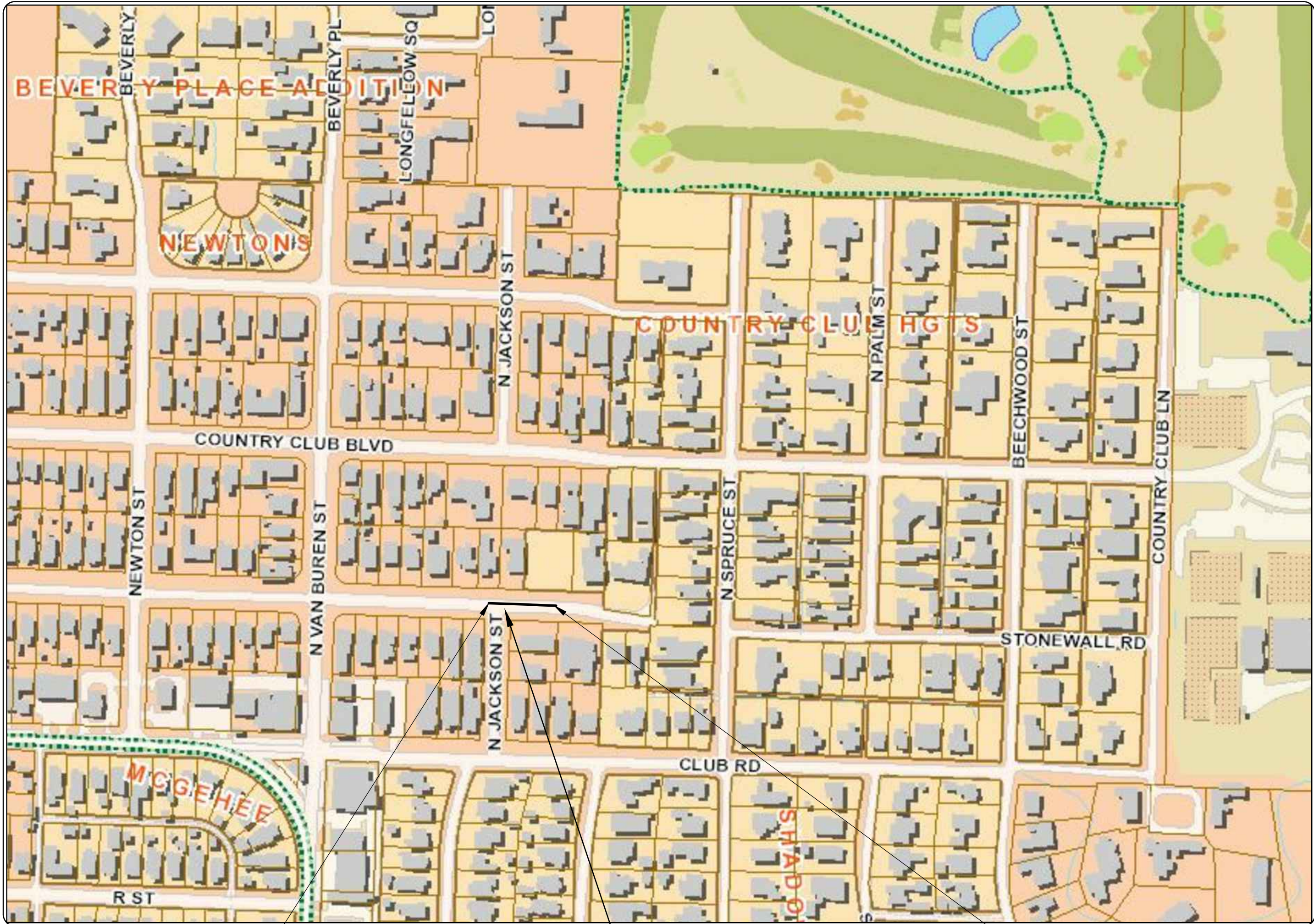


CLR PROJECT #03-17-DR-106A STONEWALL & COUNTRY CLUB DRAINAGE



PROJECT LOCATION – WARD 3

SHEET NO.	TITLE
C1	COVER SHEET
C2	GENERAL NOTES AND QUANTITIES
C3	TYPICAL SECTION
C4	PLAN SHEET (1)
C5	PLAN SHEET (2)
C6	PLAN SHEET (3)
C7	PLAN AND PROFILE SHEET (1)
C8	PLAN AND PROFILE SHEET (2)
C9	PLAN AND PROFILE SHEET (3)
C10	EROSION CONTROL PLAN



PROJECT START
STATION 0+00
34.7709, -92.3284

PROJECT
LOCATION

PROJECT END
STATION 2+44
34.7709, -92.3277

60% SUBMITTAL



2019-2021
BOND PROGRAM

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



3512 S. SHACKLEFORD RD.
LITTLE ROCK, AR 72205

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
STONEWALL & COUNTRY CLUB DRAINAGE

COVER SHEET

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



SEAL

DRAWN BY JDM
DESIGNED BJW
CHECKED BJW
DATE 1-14-18
SCALE N.T.S.
PROJECT NO. CLR 03-17-DR-106A
SHEET NO. C1

	CLR PROJECT # 03-17-DR-106A		
	STONEWALL & COUNTRY CLUB DRAINAGE		
	14-Jan-19		
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
2.01	SITE PREPARATION	LS	1
3.40	TOPSOIL	CY	18
7.06	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	SF	100
8.03	CONCRETE CURB AND GUTTER (CLASS 3)	LF	148
10.05	CURB INLET - 5' BOX	EA	2
10.10	WING 6' EXTENSION	EA	5
10.80	REBUILD INLET TOP	EA	4
13.18C	STORM DRAIN PIPE, 18" RCP	LF	32
13.36S	STORM DRAIN PIPE, 36" RCP	LF	99
13.42S	STORM DRAIN PIPE, 42" RCP	LF	90
13.61	TIE INTO EXISTING JUNCTION BOX	EA	1
13.63	CONCRETE PLUG ON EXISTING STORM DRAIN	EA	1
14.02	SOLID SODDING, SPECIAL (ZOYSIA)	SY	35
16.01	MAINTENANCE OF TRAFFIC	LS	1
17.01	PAVEMENT REPAIRS	SY	18
24.11	SILT FENCE TYPE A (SFA)	LF	236

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	PROPOSED 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	SILT FENCE – TYPE B
OVERHEAD ELECTRIC	SILT FENCE – TYPE C
OVERHEAD TELEPHONE	STORM DRAIN OUTLET PROTECTION
OVERHEAD CABLE	SURFACE ROUGHENING
UNDERGROUND TELEPHONE	DISTURBED AREA STABILIZATION –TEMPORARY STABILIZATION
UNDERGROUND ELECTRIC	DISTURBED AREA STABILIZATION –TEMPORARY GRASSING
UNDERGROUND CABLE	DISTURBED AREA STABILIZATION –PERMANENT GRASSING
WATER LINE	MATTING/BLANKETS
SEWER LINE	
GAS LINE	
STORM SEWER/CULVERT	
EDGE OF WOODS	
CONTOUR LINE	

REVISIONS	DATE

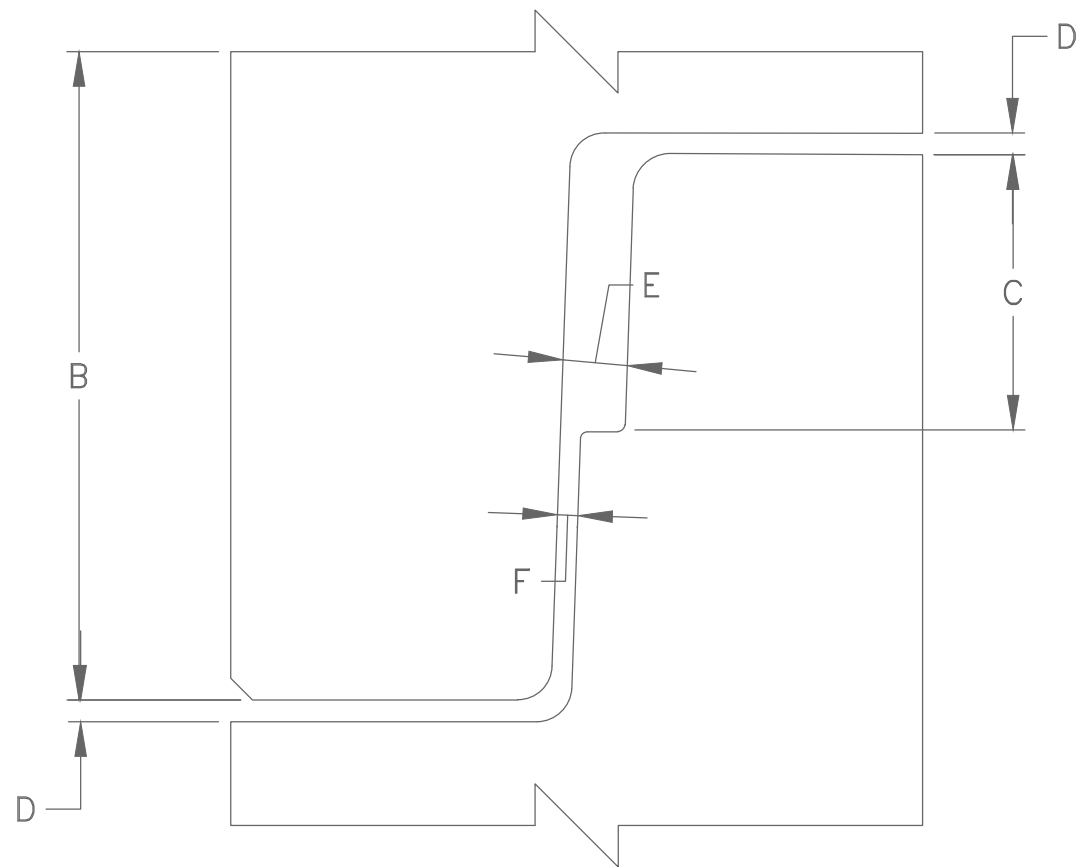
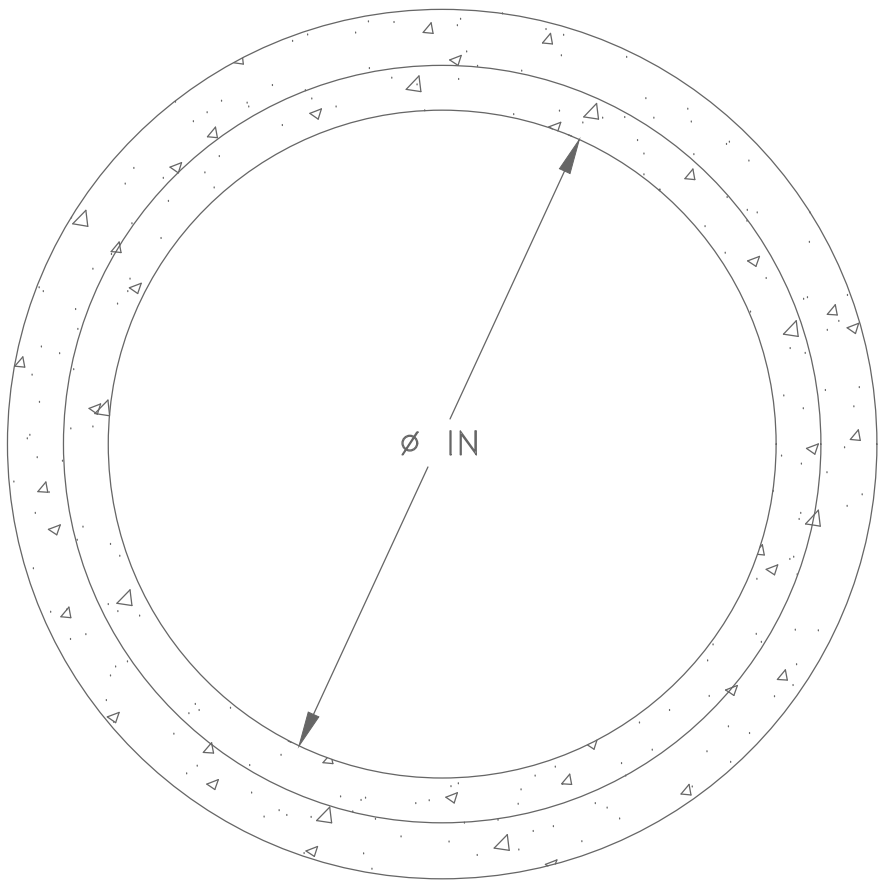
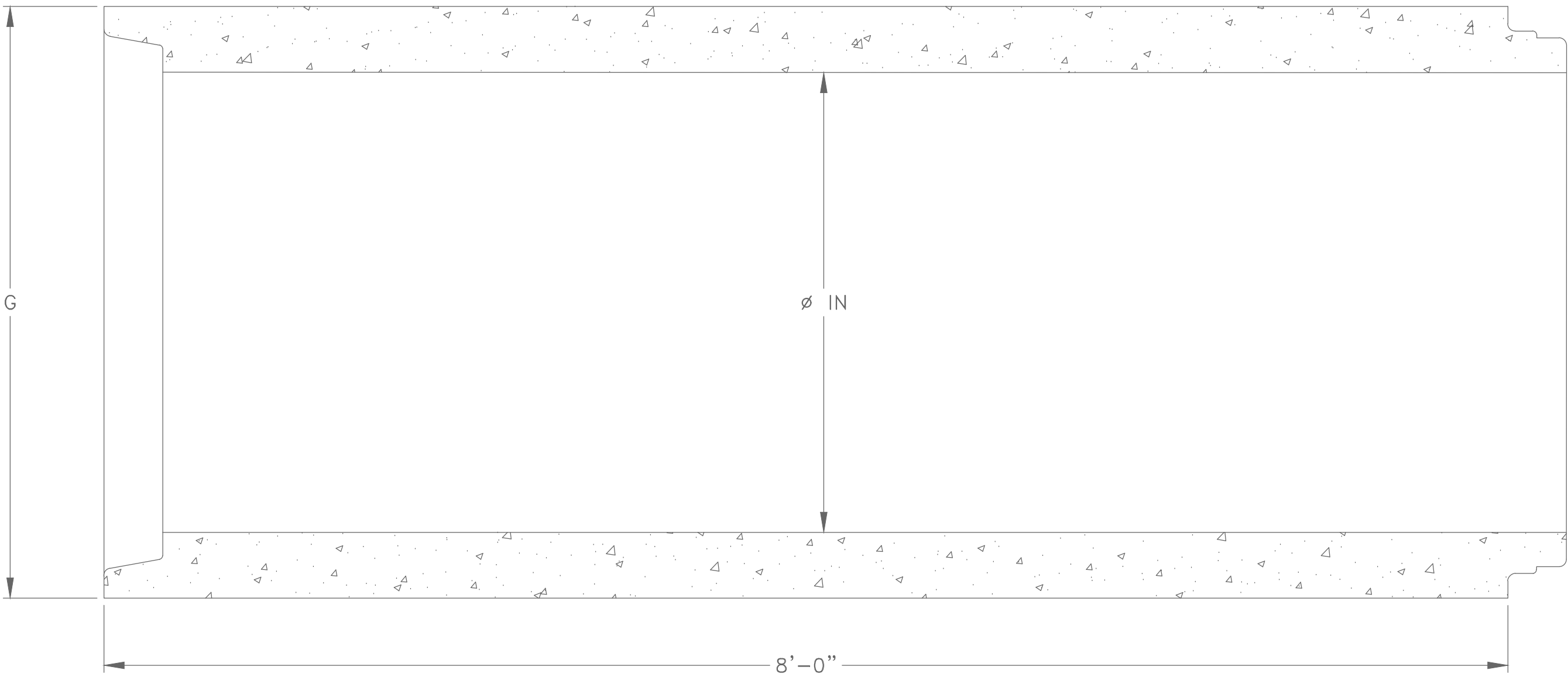
CITY OF LITTLE ROCK, ARKANSAS	GENERAL NOTES AND QUANTITIES
STONEWALL & COUNTRY CLUB DRAINAGE	

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

--

DRAWN BY	JDM
DESIGNED	BJW
CHECKED	BJW
DATE	1-14-18
SCALE	N.T.S.
PROJECT NO.	CLR 03-17-DR-106A
SHEET NO.	C2

60% SUBMITTAL



TYPICAL JOINT

PIPE DATA									
PIPE DIA. SIZE IN	EST. PIPE WEIGHT/FT	WALL THICKNESS A	B	C	D	E	F	G	WATERWAY AREA SQ. FT.
15	127	2 ¼	2	7⁄8	⅜ ₃₂	17⁄64	⅜ ₃₂	19 ½"	1.23
18	168	2 ½	2	7⁄8	⅜ ₃₂	17⁄64	⅜ ₃₂	23"	1.77
24	264	3	2	7⁄8	⅜ ₃₂	17⁄64	⅜ ₃₂	30"	3.14
30	384	3 ½	2	7⁄8	⅜ ₃₂	17⁄64	⅜ ₃₂	37"	4.19
36	654	4 ¾	3 ½	1 ¾	⅜ ₃₂	29⁄64	⅜ ₃₂	45 ½"	7.07
42	811	5 ¼	4 ½	1 ¾	⅜ ₃₂	29⁄64	⅜ ₃₂	52 ½"	9.62
48	1011	5 ¾	4 ½	1 ¾	⅜ ₃₂	29⁄64	⅜ ₃₂	59 ½"	12.57
54	1208	6 ¼	4 ¾	1 ¾	⅜ ₃₂	29⁄64	⅜ ₃₂	66 ½"	15.90
60	1473	6 ¾	5	2	⅜ ₃₂	½	⅜ ₃₂	73 ½"	19.64
72	2037	7 ¾	5	2	⅜ ₃₂	½	⅜ ₃₂	87 ½"	28.22
84	2660	8 ¾	5	2	⅜ ₃₂	½	⅜ ₃₂	101 ½"	38.50

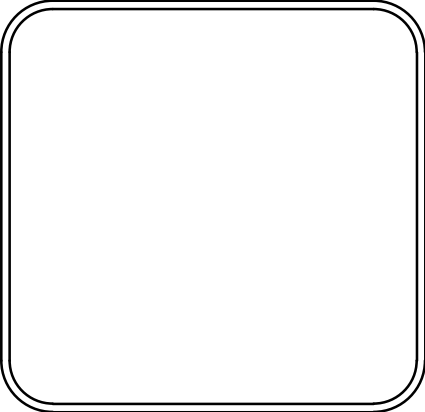
TYPICAL SECTION—CIRCULAR PIPE

60% SUBMITTAL

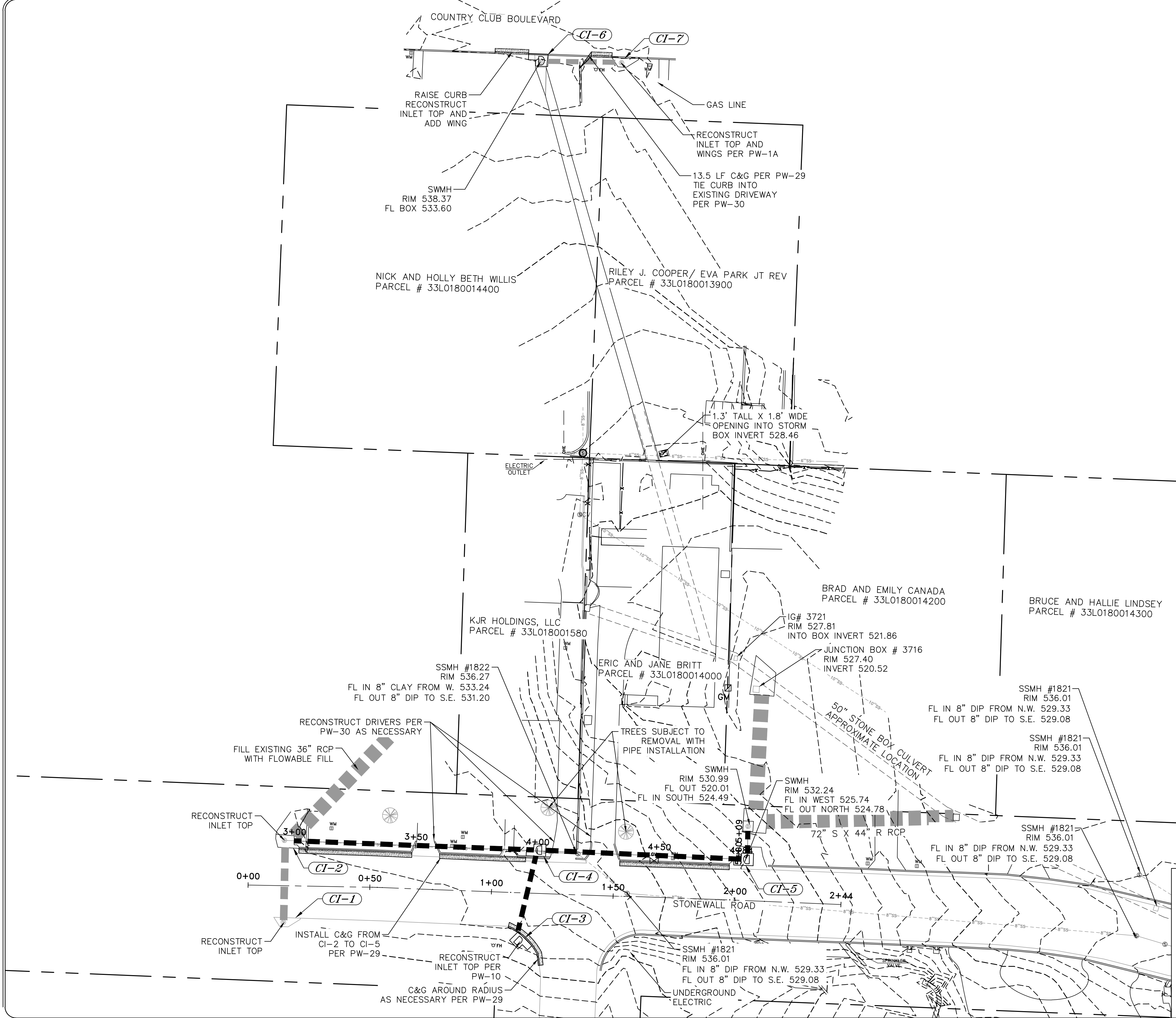
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS STONEWALL & COUNTRY CLUB DRAINAGE	TYPICAL SECTION
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DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



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CHECKED BJW
DATE 1-14-18
SCALE N.T.S.
PROJECT NO. CLR 03-17-DR-106A
SHEET NO. C3



60% SUBMITTAL

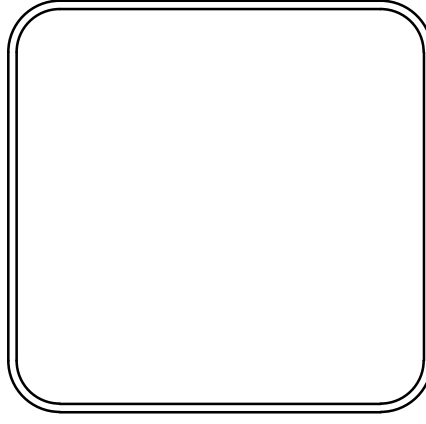
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

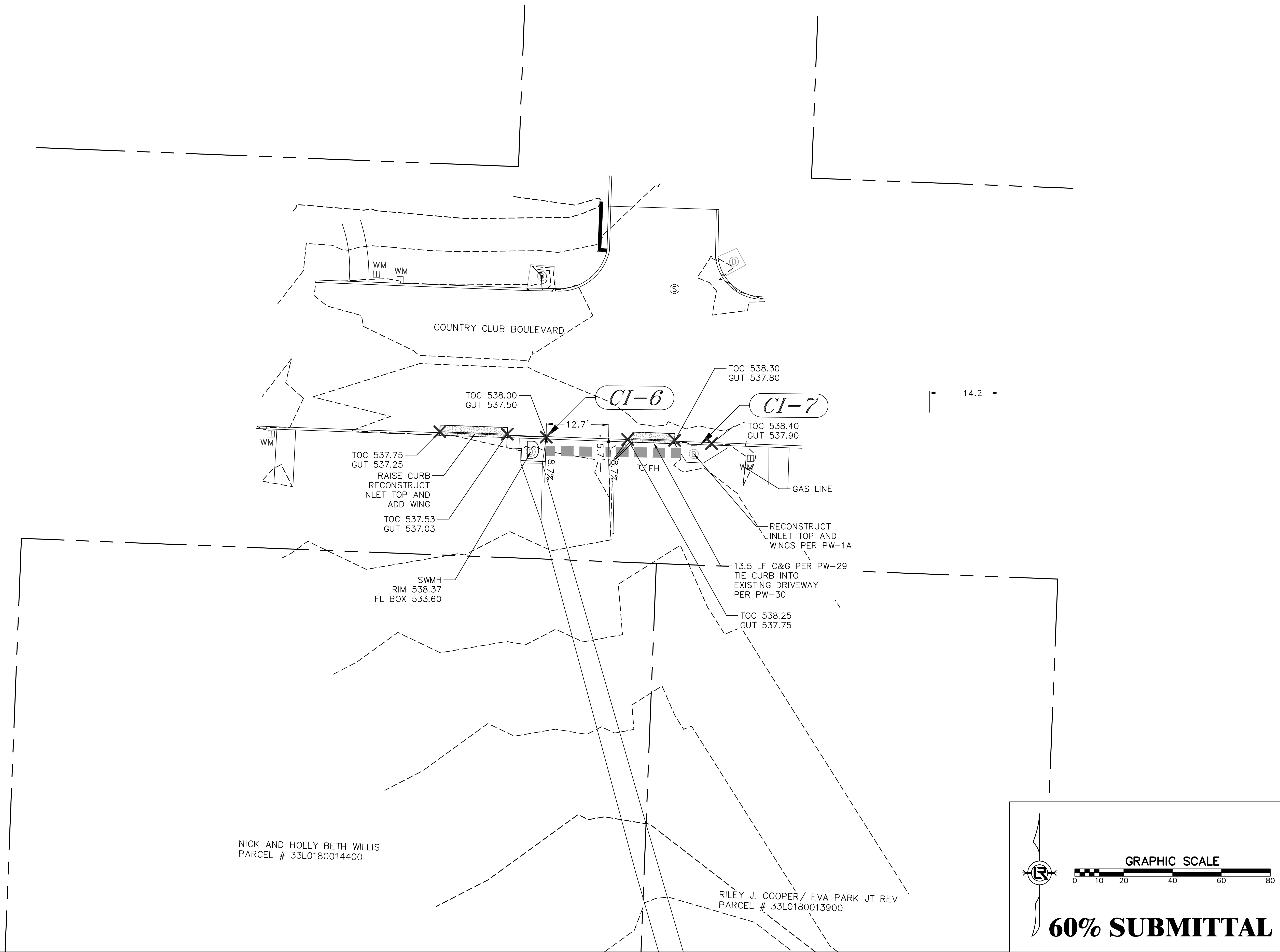
STONEWALL & COUNTRY CLUB DRAINAGE

PLAN SHEET (1)

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



DRAWN BY JDM
DESIGNED BJW
CHECKED BJW
DATE 1-14-18
SCALE 1" = 10'
PROJECT NO. CLR 03-17-DR-106A
SHEET NO. C4



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

STONEWALL & COUNTRY CLUB DRAINAGE

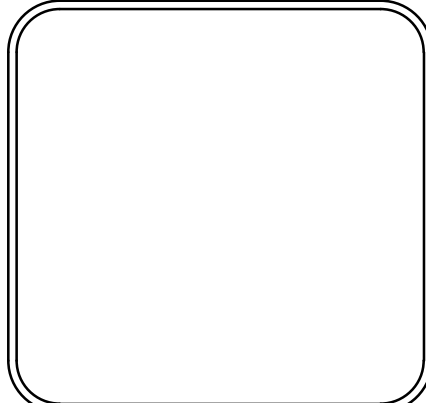
PLAN SHEET (2)

DEPARTMENT OF PUBLIC WORKS

CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201



DRAWN BY	JDM
DESIGNED	BJW
CHECKED	BJW
DATE	1-14-18
SCALE	1" = 10'
PROJECT NO.	CLR 03-17-DR-106A
SHEET NO.	C5

GRAPHIC SCALE

60% SUBMITTAL

REVISIONS	DATE

PLAN SHEET (3)



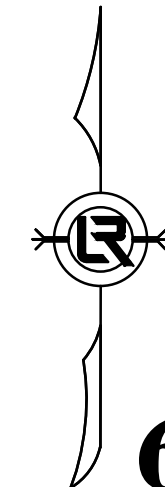
701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201

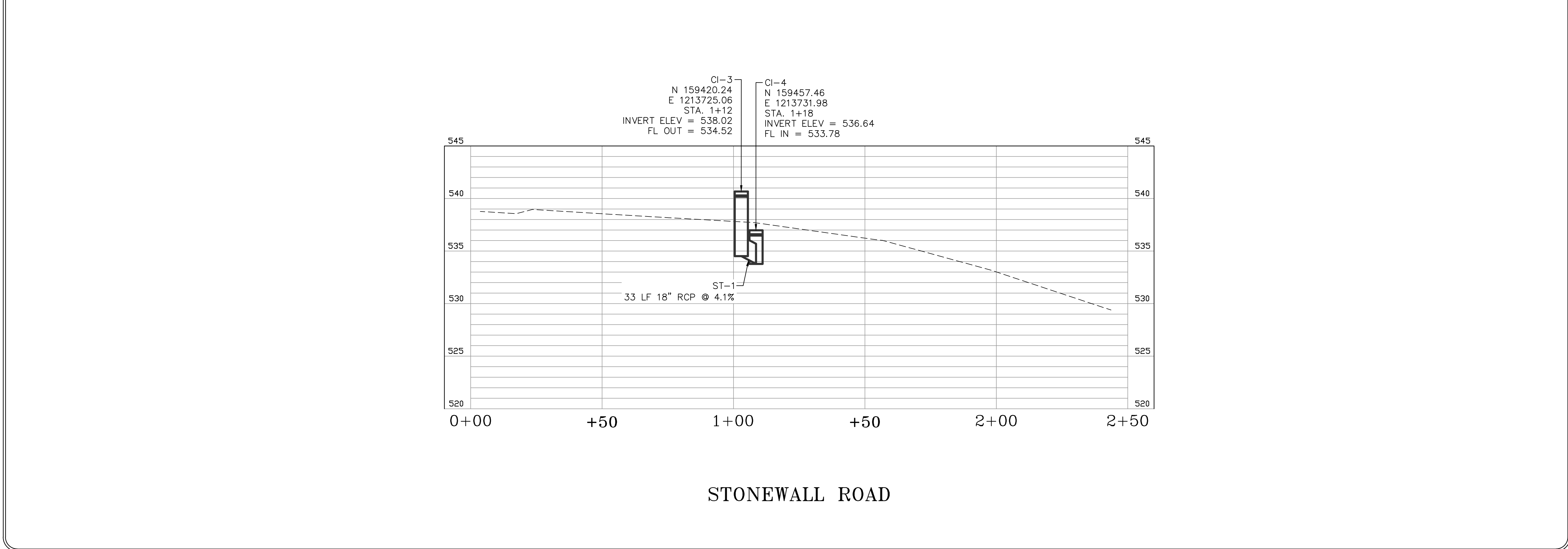
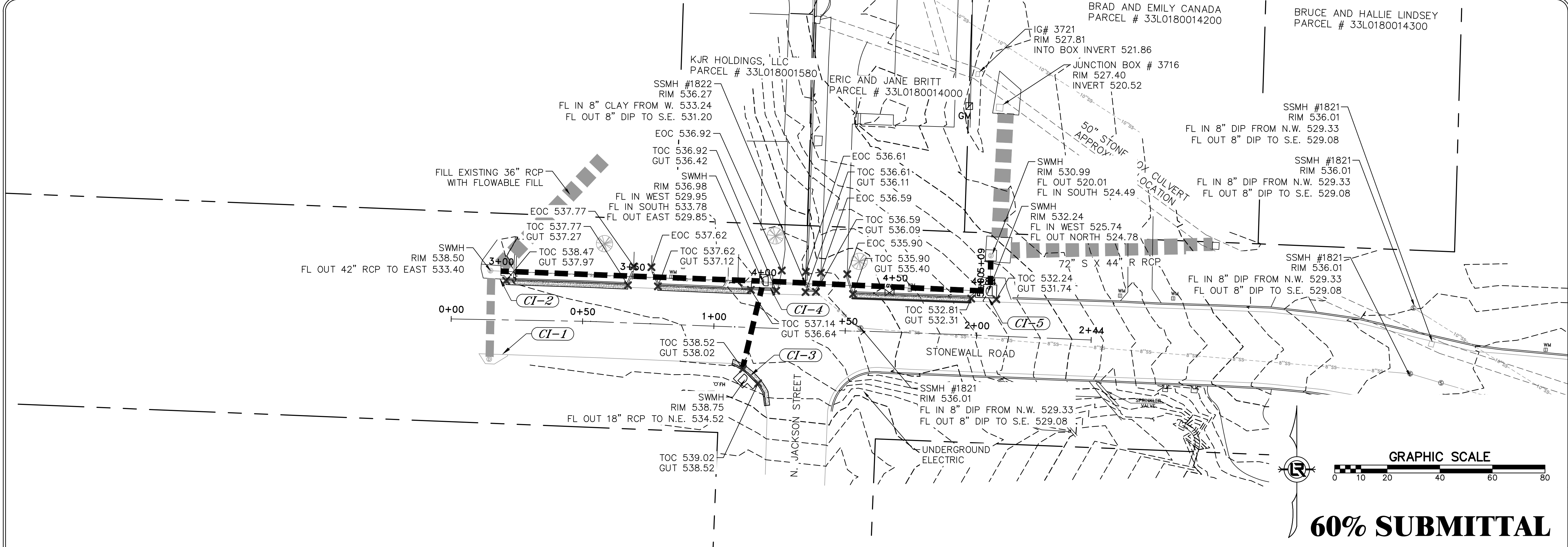


DATE	1-14-18
SCALE	1" = 20'

C6



60% SUBMITTAL



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS

STONEWALL & COUNTRY CLUB DRAINAGE

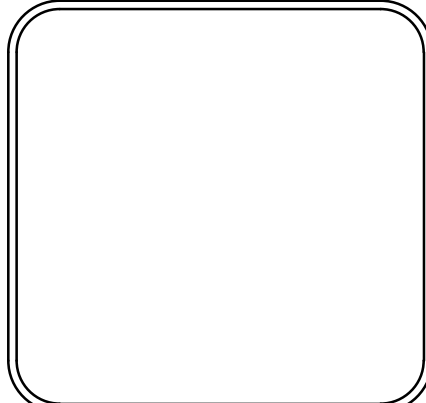
PLAN AND PROFILE SHEET (1)

DEPARTMENT OF PUBLIC WORKS

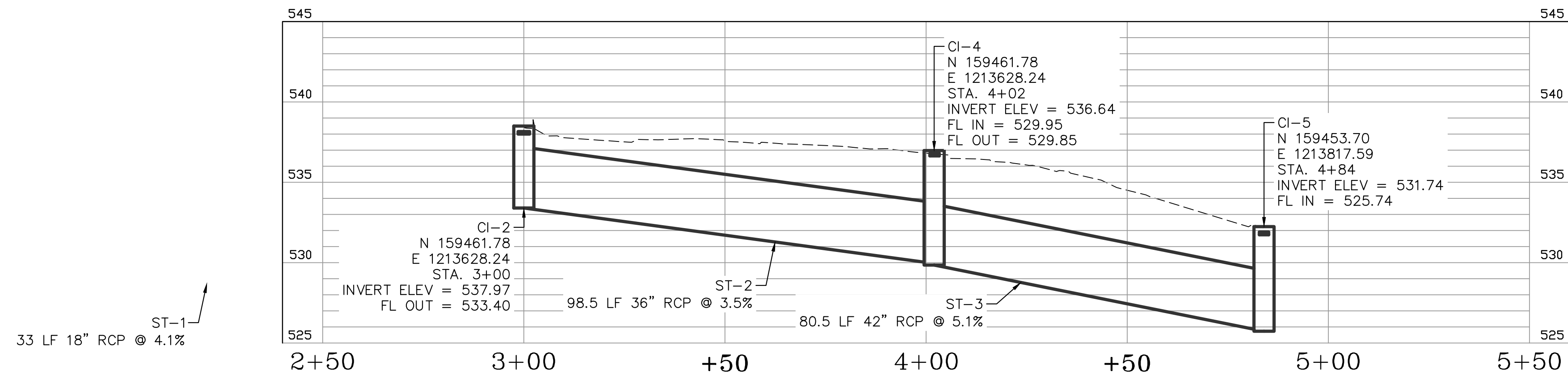
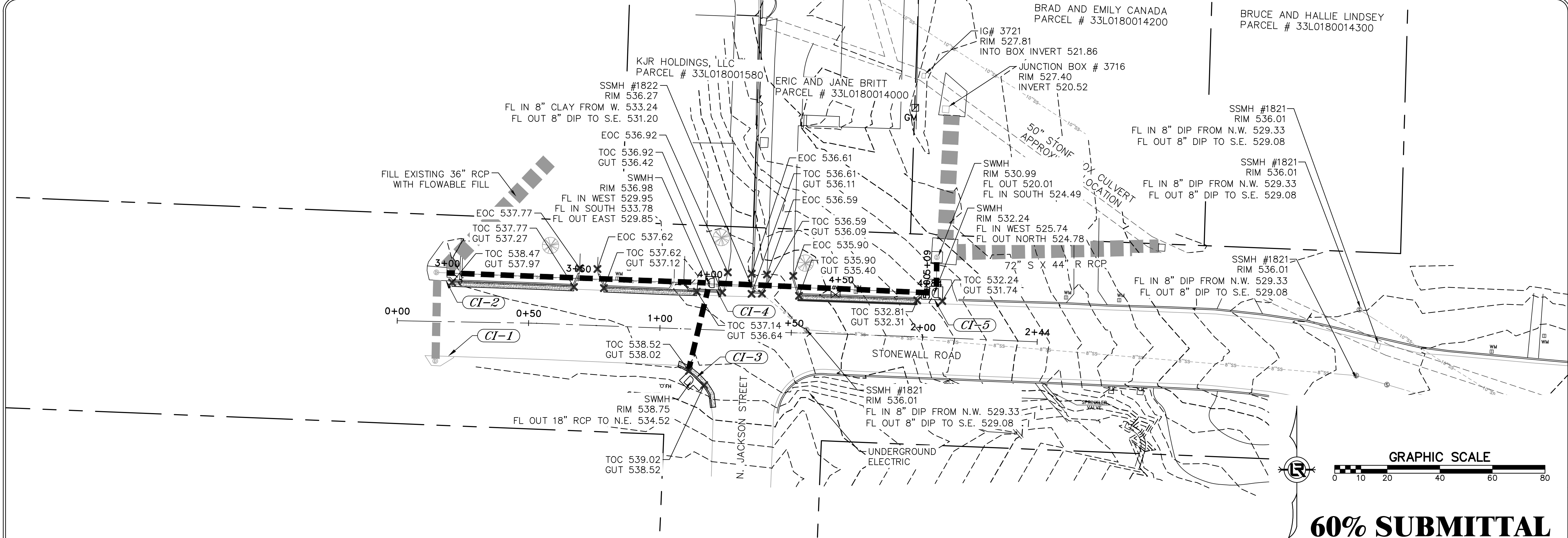
CIVIL ENGINEERING

701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201



DRAWN BY	JDM
DESIGNED	BJW
CHECKED	BJW
DATE	1-13-18
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	CLR 03-17-DR-106A
SHEET NO.	C7



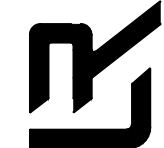
ST-2 AND ST-3

REVISIONS	DATE

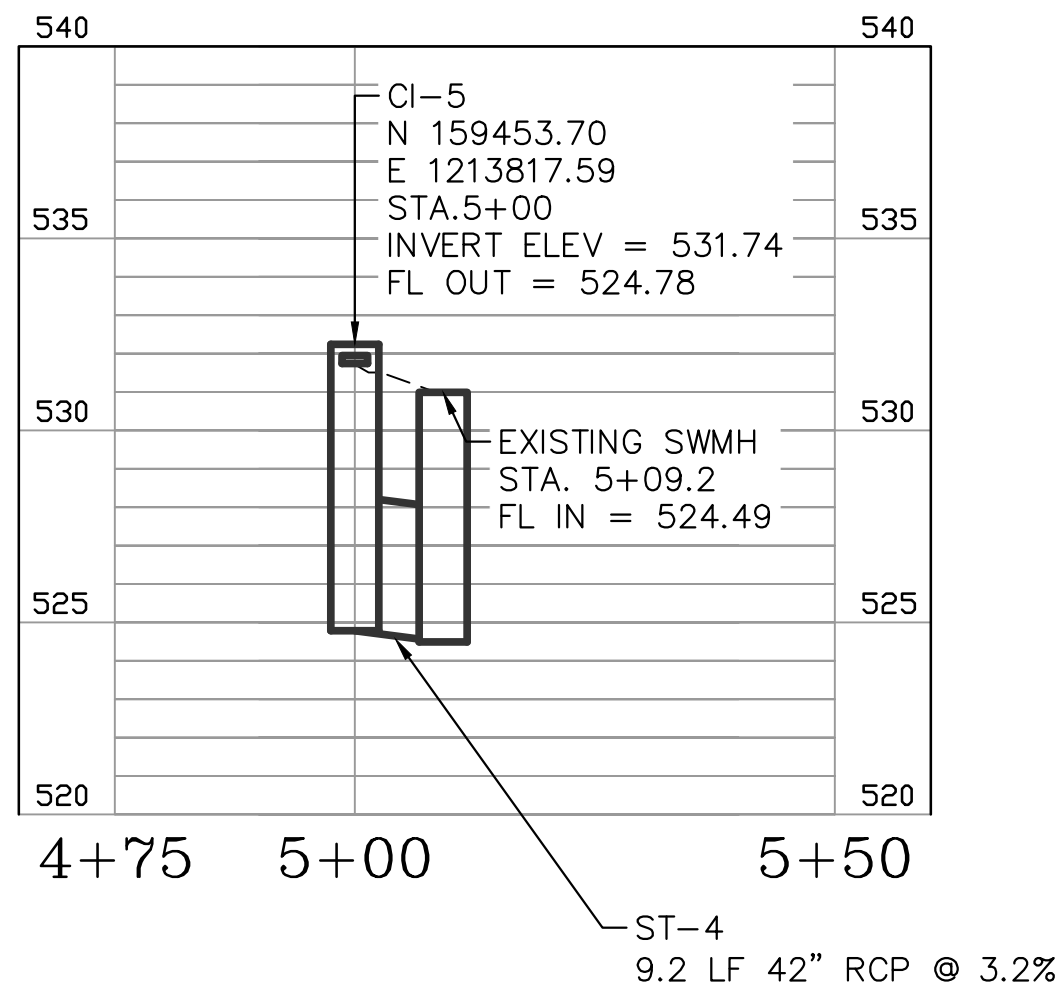
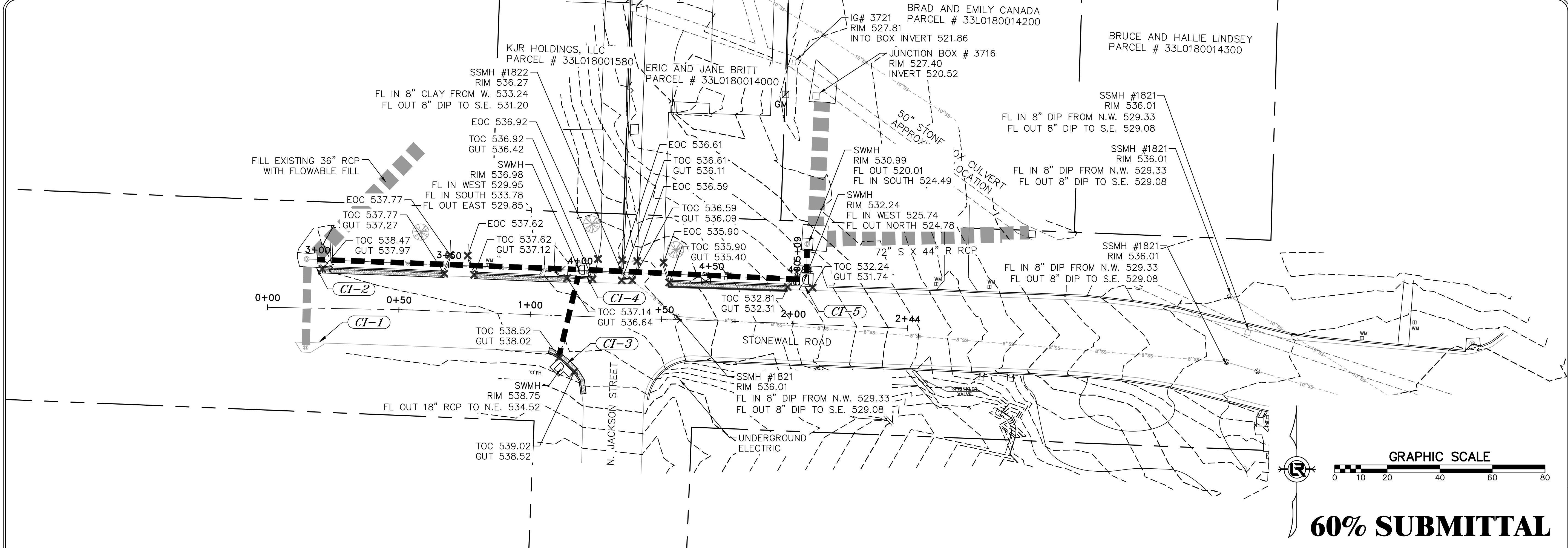
CITY OF LITTLE ROCK, ARKANSAS
STONEWALL & COUNTRY CLUB DRAINAGE
PLAN AND PROFILE SHEET (2)



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



DRAWN BY JDM
DESIGNED BJW
CHECKED BJW
DATE 1-13-18
SCALE H: 1"=20' V: 1"=5'
PROJECT NO. CLR 03-17-DR-106A
SHEET NO. C8



ST-4

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
STONEWALL & COUNTRY CLUB DRAINAGE

PLAN AND PROFILE SHEET (3)



DEPARTMENT OF PUBLIC WORKS

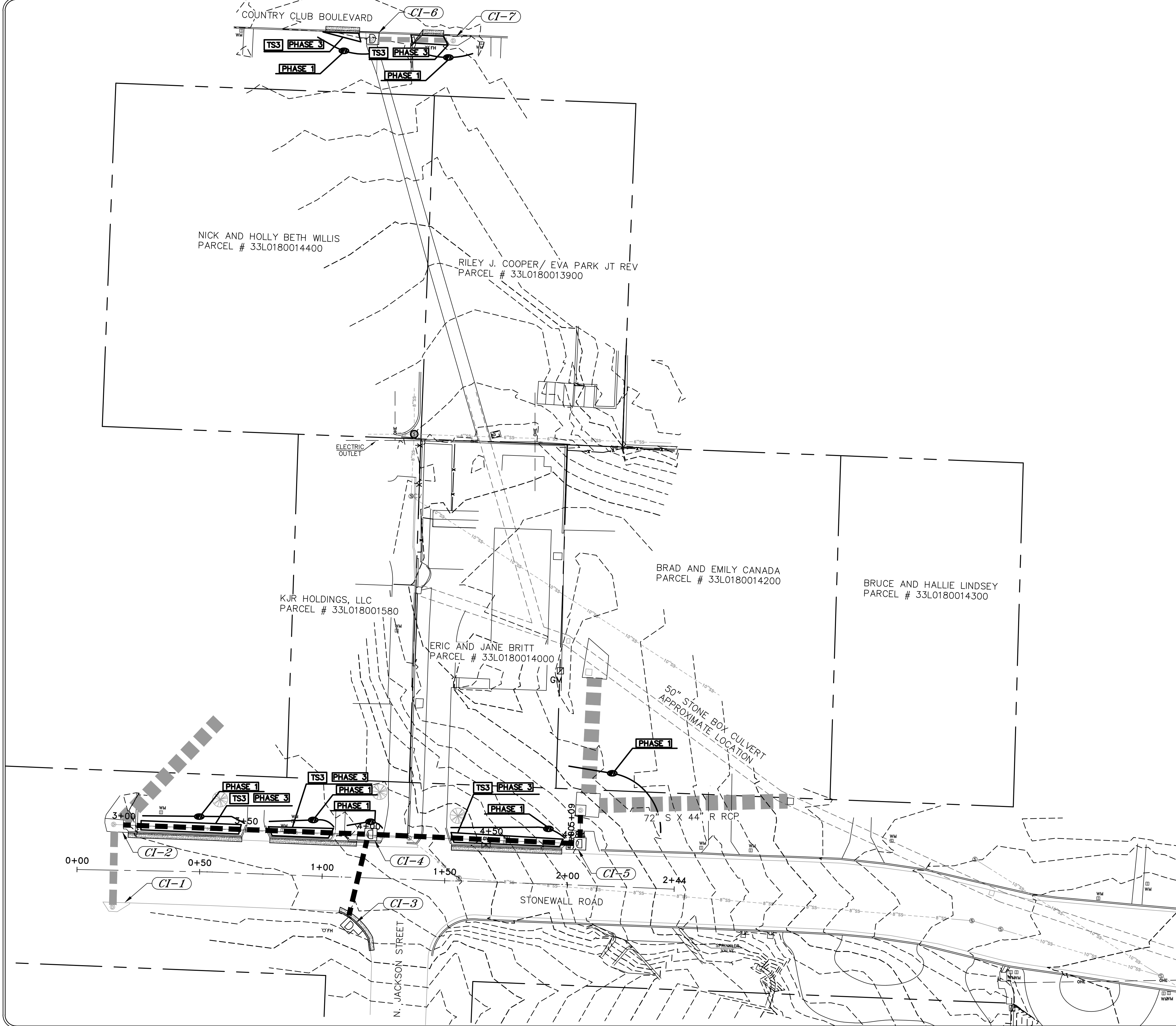
CIVIL ENGINEERING

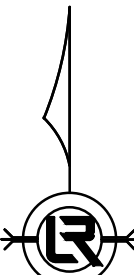
701 W. MARKHAM

LITTLE ROCK, ARKANSAS 72201



DRAWN BY JDM
DESIGNED BJW
CHECKED BJW
DATE 1-13-18
SCALE H: 1"=20' V: 1"=5'
PROJECT NO. CLR 03-17-DR-106A
SHEET NO. C9





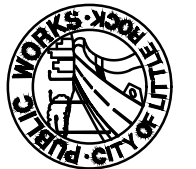
60% SUBMITTAL

REVISIONS	DATE

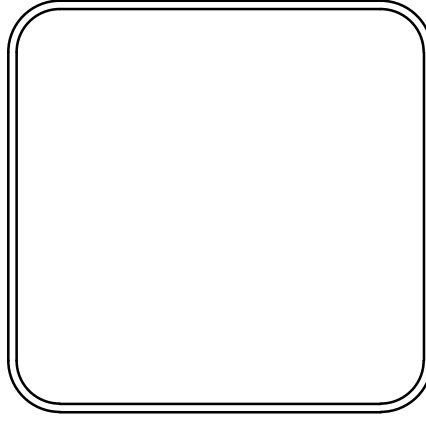
CITY OF LITTLE ROCK, ARKANSAS

STONEWALL & COUNTRY CLUB DRAINAGE

EROSION CONTROL PLAN


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





DRAWN BY JDM
DESIGNED BJW
CHECKED BJW
DATE 1-14-18
SCALE 1" = 20'
PROJECT NO. CLR 03-17-DR-106A
SHEET NO. C10