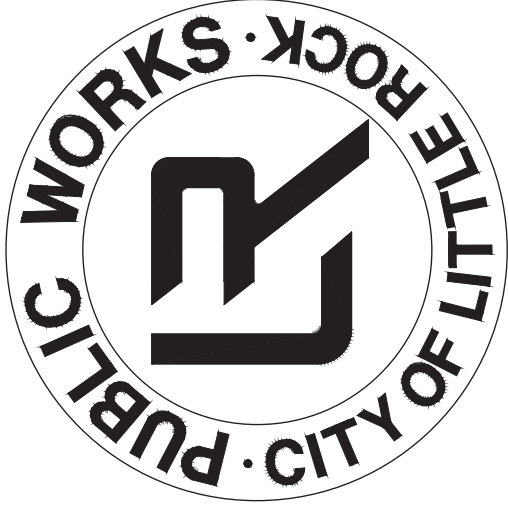


CLR PROJECT 03-17-DR-235

BRIARWOOD AREA

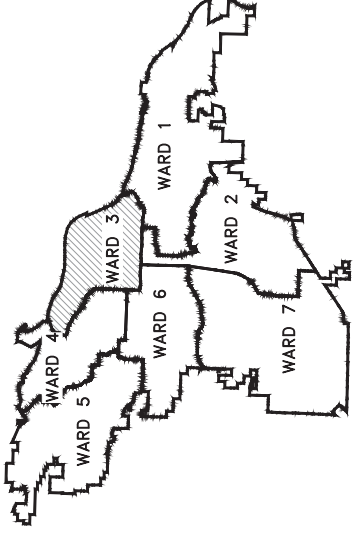
DRAINAGE IMPROVEMENTS

SUN VALLEY ROAD TO MARKHAM STREET - PHASE 1



2019-2021
BOND PROGRAM

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



PROJECT LOCATION - WARD 3

SHEET NO.	TITLE
C1	COVER SHEET
C2	QUANTITIES & DETAILS
C3-C6	SPECIAL DETAILS
C7	FIELD TIES/LAYOUT
C8	BRIARWOOD DITCH 1
C9	BRIARWOOD DITCH 2
C10	EROSION CONTROL
C11-C14	CROSS SECTIONS

C15 SANITARY SEWER RELOCATION



4701 Northshore Drive
North Little Rock, AR 72118
501-376-3633

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
COVER SHEET

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



DRAWN BY	MJM
DESIGNED	RCC
CHECKED	TEM
DATE	12-30-2021
SCALE	N.T.S.
PROJECT NO.	03-17-DR-235
SHEET NO.	C1

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
QUANTITIES & DETAILS

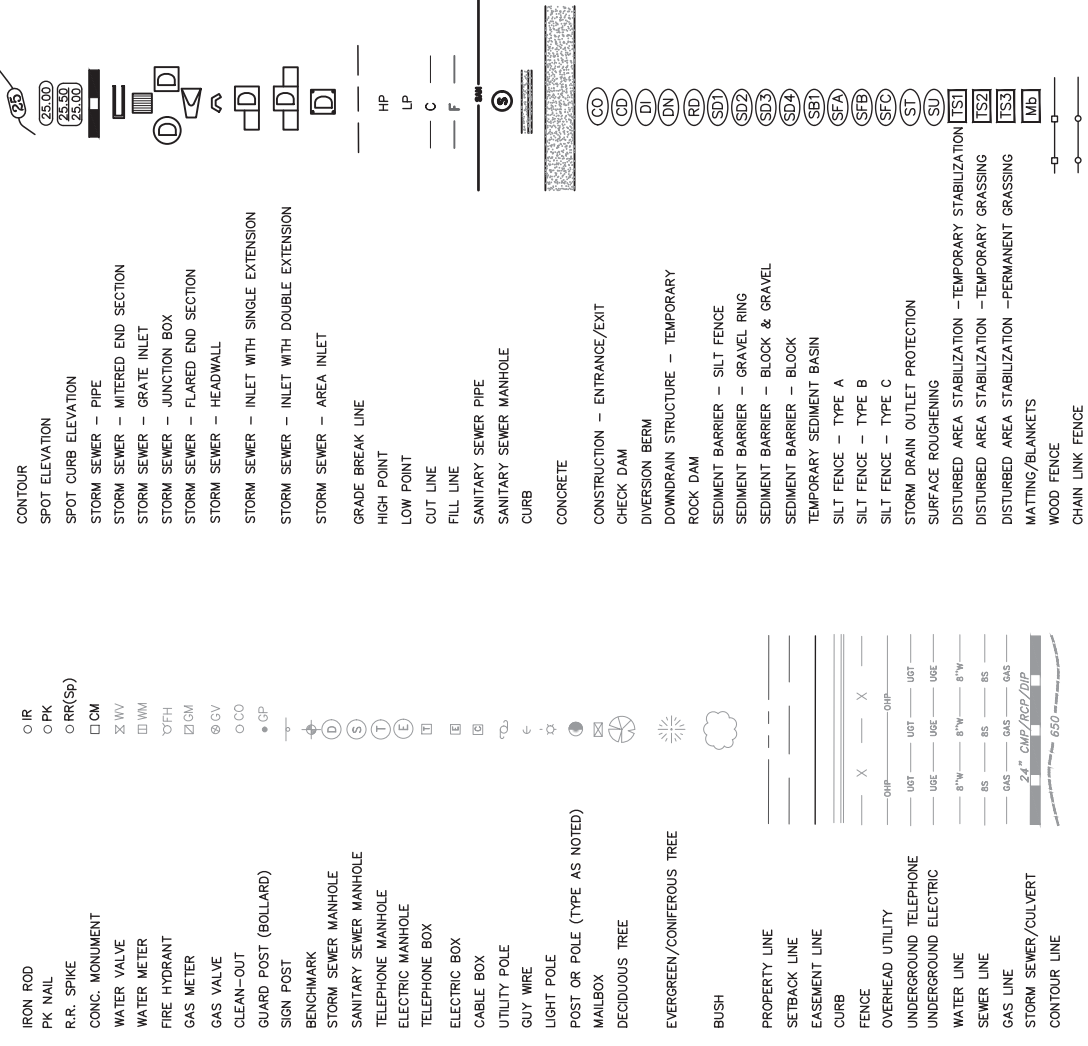
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY	MJM
DESIGNED	
RCC	
CHECKED	
TEAM	
DATE	12-30-2021
SCALE	N.T.S.
PROJECT NO.	03-17-DR-235
SHEET NO.	C2

EXISTING

PROPOSED



GENERAL NOTES:

- ALL EXISTING STRUCTURES OR UTILITIES WITHIN THE LIMITS OF EXISTING OR PROPOSED EASEMENTS SHALL REMAIN UNDISTURBED UNLESS OTHERWISE NOTED ON THE PLANS.
- WHERE EXCAVATION ENDANGERS THE STABILITY OF A BUILDING, WALL, STREET, UTILITIES OR OTHER INSTALLATION, THE CONTRACTOR SHALL PROVIDE SUPPORT SYSTEMS SUCH AS SHORING, BRACING, OR UNDERPINNING TO ENSURE STABILITY OF SUCH STRUCTURE OR UTILITY. PRIOR TO CONSTRUCTION OF THE SHORING SYSTEM, THE CONTRACTOR SHALL SUBMIT THE DESIGN AND DETAILS OF THE SYSTEM TO THE ENGINEER FOR INFORMATIONAL AND RECORD PURPOSES. THE DESIGN AND DETAILS SHALL BE PREPARED AND/OR APPROVED BY A PROFESSIONAL ENGINEER REGISTERED IN ARKANSAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUACY OF THE TEMPORARY SHORING DURING THE ENTIRE PERIOD OF CONSTRUCTION.
- WHEN THE CONTRACTOR'S OPERATIONS CREATE THE NEED FOR TEMPORARY FENCING, PROVIDE AND INSTALL TEMPORARY FENCING AND APPURTENANCES UNTIL SUCH TIME THAT THE PERMANENT FENCE IS IN PLACE (OR UNTIL THE TEMPORARY FENCE IS NO LONGER REQUIRED). AT THE DISCRETION OF THE ENGINEER, TEMPORARY FENCING MAY BE ERECTED WITHOUT CONCRETE FOOTINGS, PULL POSTS, CORNER POSTS, ETC. REMOVE THE TEMPORARY FENCING AND APPURTENANCES FROM THE PROJECT SITE, WHEN DIRECTED BY THE ENGINEER. TEMPORARY FENCING MATERIALS WILL REMAIN THE PROPERTY OF THE CONTRACTOR.

CLR PROJECT# 03-17-DR-235		
BRIARWOOD AREA DRAINAGE IMPROVEMENTS - BASE BID		
December 30, 2021		
ITEM #	ITEM DESCRIPTION	QUANTITY
2.01	SITE PREPARATION	LS 1
3.01	UNCLASSIFIED EXCAVATION	CY 1,681
3.06	BORROW MATERIAL	CY 1,119
3.40	TOPSOIL	CY 196
10.10	WING 6' EXTENSION	EA 3
10.14	WING 10' EXTENSION	EA 2
10.80	REBUILD INLET TOP	EA 3
11.10	REINFORCED CONCRETE	CY 544
11.11	CONCRETE PIPE COLLAR	EA 1
11.12	CONCRETE DITCH PAVING	SY 7
13.30C	STORM DRAIN PIPE, 30" SIDE DRAIN	LF 26
13.36C	STORM DRAIN PIPE, 36" SIDE DRAIN	LF 8
13.48C	STORM DRAIN PIPE, 48" SIDE DRAIN	LF 8
13.63	CONCRETE PLUG ON EXISTING STORM DRAIN	EA 2
14.01	SOLID SODDING, BERMUDA	SY 1,761
16.01	MAINTENANCE OF TRAFFIC	LS 1
19.01	FINAL CLEANUP	LS 1
23.02	C-BALLAST	TON 1,029
23.04	STONE BACKFILL	TON 294
24.02	CHECK DAM (CD)	CY 5
24.06	SEDIMENT BARRIER, SILT FENCE (SD1)	EA 3
24.09	SEDIMENT BARRIER, BLOCK (SD4)	EA 3
25.04	FENCE CHAIN LINK (4')	LF 1,404
25.14	FENCE WOOD (4')	LF 71
25.16	FENCE WOOD (6')	LF 266
25.74	TEMPORARY FENCING	LF 1,039
26.10	TRENCH & EXCAVATION SAFETY	LS 1
206.01	FLOWABLE FILL	CY 6
606.36C	FLARED END SECTION 36" RCP	EA 1

CLR PROJECT# 03-17-DR-235		
BRIARWOOD AREA DRAINAGE IMPROVEMENTS - DEDUCTIVE ALTERNATE # 1		
December 30, 2021		
ITEM #	ITEM DESCRIPTION	QUANTITY
2.01	SITE PREPARATION	LS 1
3.01	UNCLASSIFIED EXCAVATION	CY 246
3.06	BORROW MATERIAL	CY 167
3.40	TOPSOIL	CY 17
11.10	REINFORCED CONCRETE	CY 75
14.01	SOLID SODDING, BERMUDA	SY 156
23.02	C-BALLAST	TON 129
23.04	STONE BACKFILL	TON 2
25.04	FENCE CHAIN LINK (4')	LF 158
25.16	FENCE WOOD (6')	LF 54
25.74	TEMPORARY FENCING	LF 133
26.10	TRENCH & EXCAVATION SAFETY	LS 1
206.01	FLOWABLE FILL	CY 6

CONSTRUCTION SCHEDULE FOR SANITARY SEWER RELOCATION		
2.01	LS	SITE PREPARATION
3.01	CY	UNCLASSIFIED EXCAVATION
SS1.1	LF	8" SDR 26 PVC PIPE INSTALLED
SS1.2	LF	8" DUCTILE IRON PIPE INSTALLED
SS2.0	EA	MANHOLE, UP TO 6' IN DEPTH
SS2.1	VF	ADDITIONAL MANHOLE DEPTH
20.01	TON	CLASS 1 EMBEDMENT FOR FLEXIBLE PIPE
20.02	CY	SELECT BACKFILL

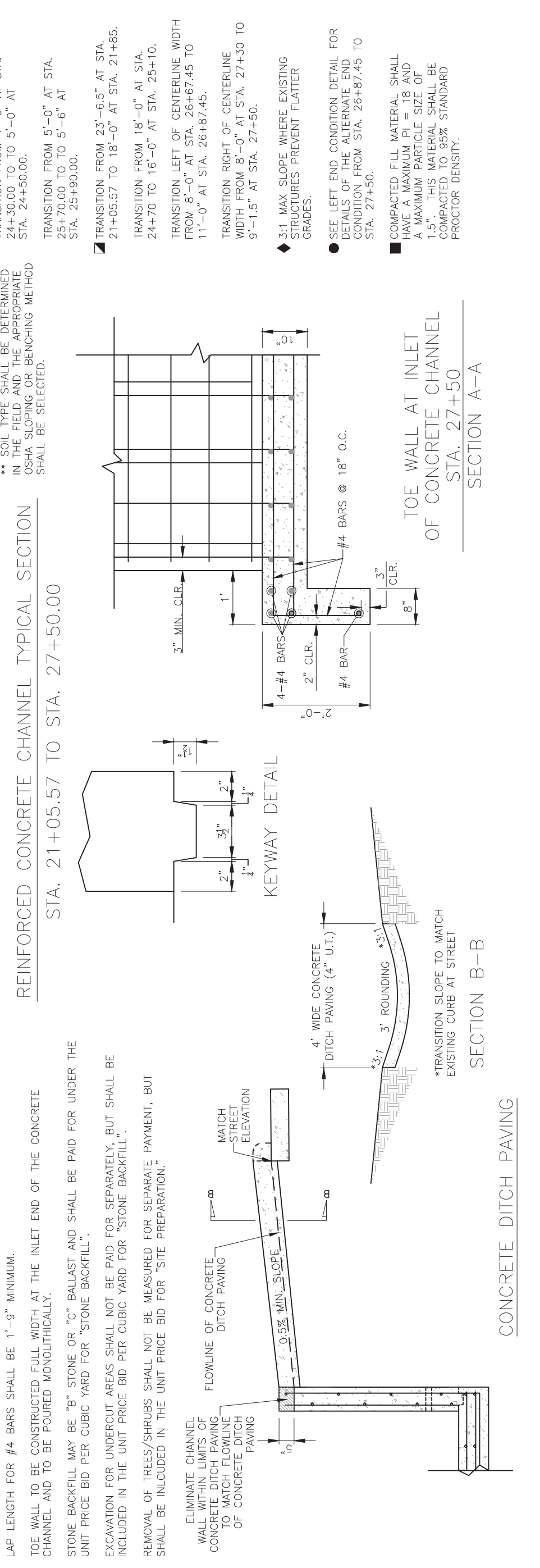
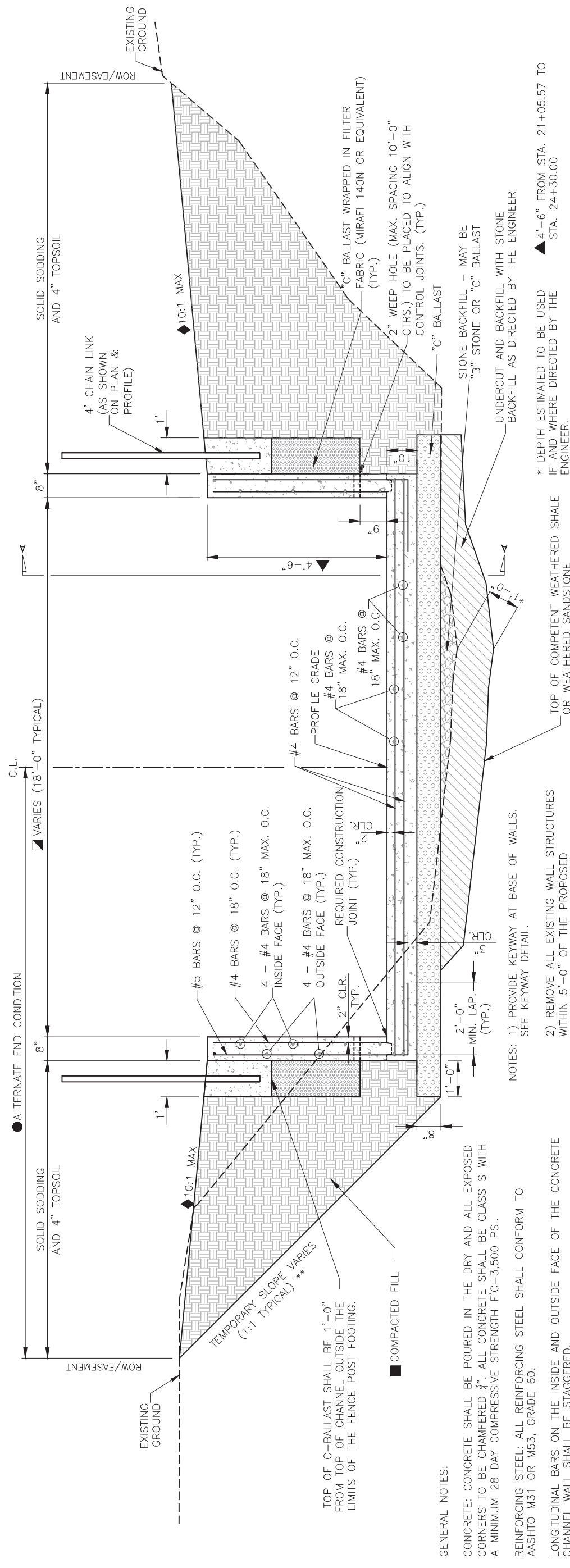
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
SPECIAL DETAILS

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



DRAWN BY	MJM
DESIGNED	
RCC	
CHECKED	
TEAM	
DATE	12-30-2021
SCALE	N.T.S.
PROJECT NO.	03-17-DR-235
SHEET NO.	C3



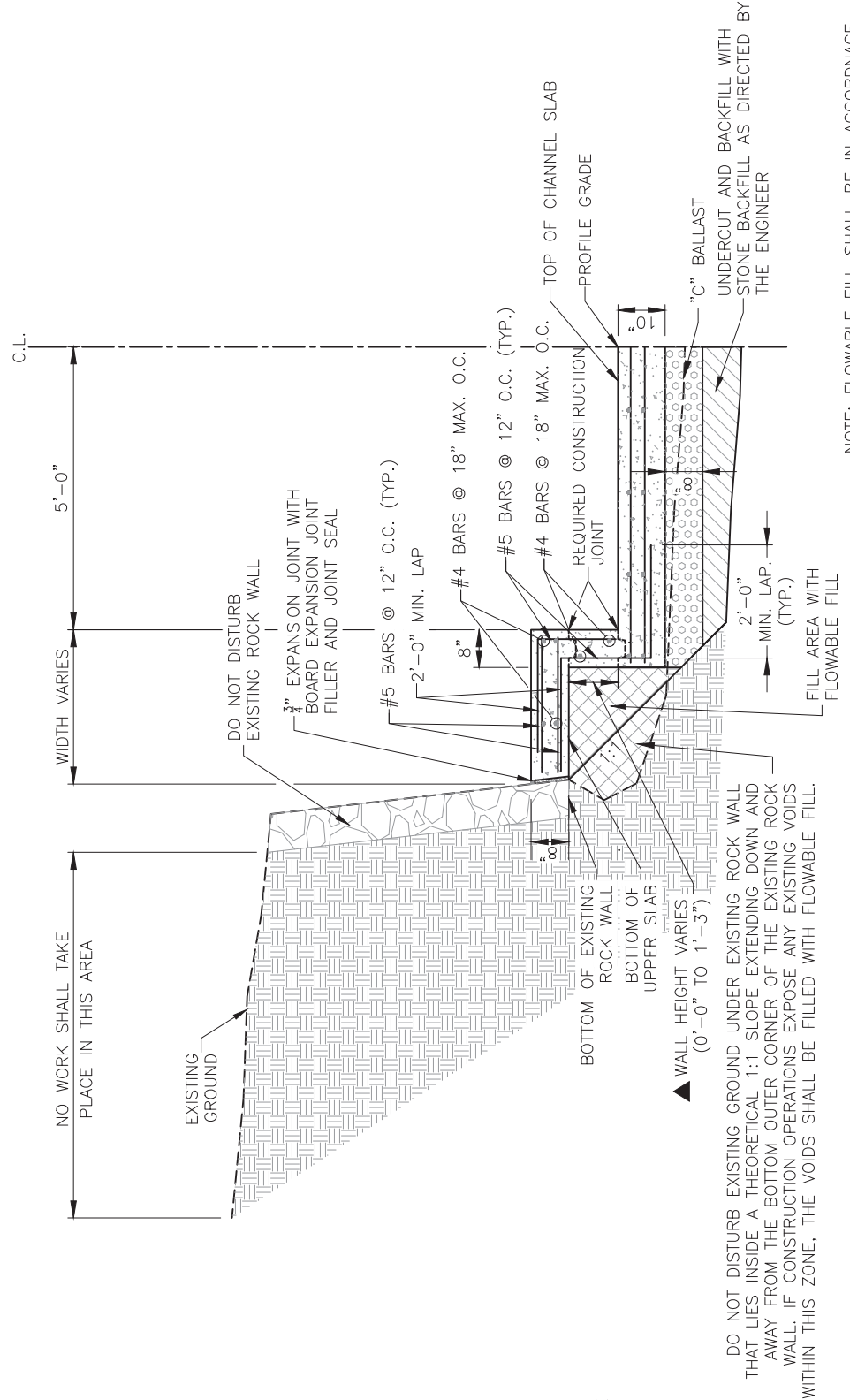
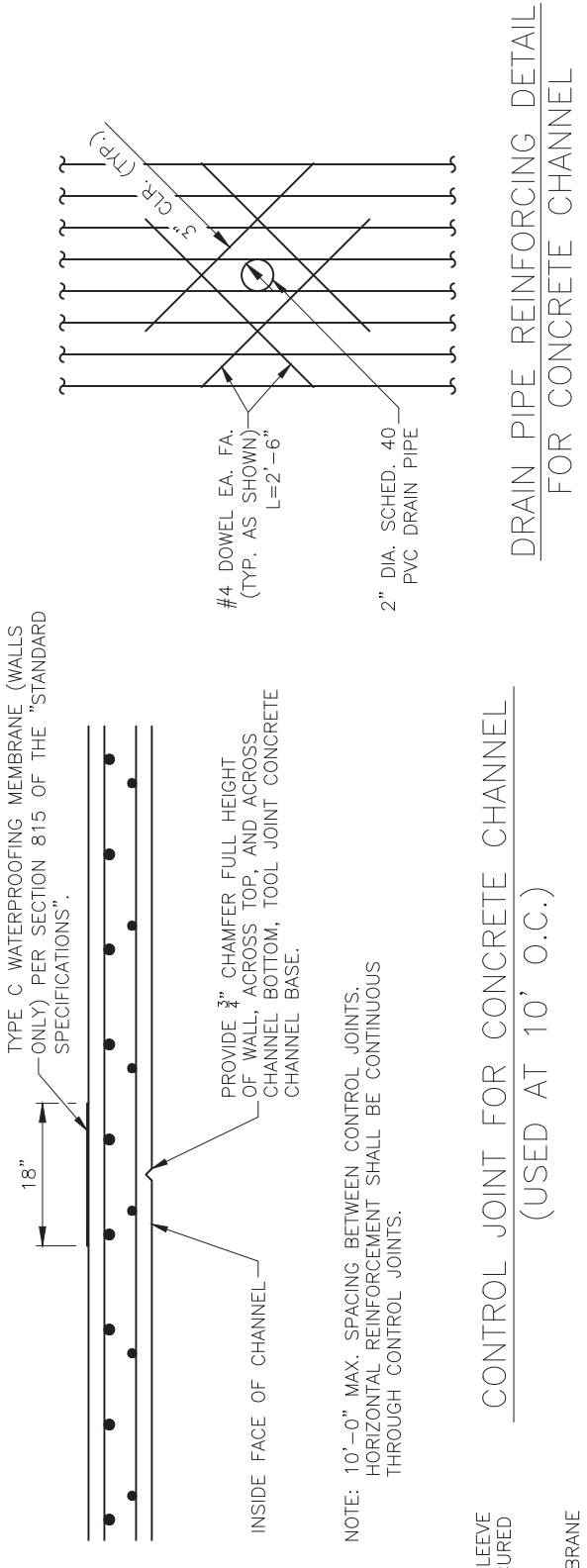
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
SPECIAL DETAILS

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



DRAWN BY	MJM
DESIGNED	RCC
CHECKED	TEM
DATE	12-30-2021
SCALE	N.T.S.
PROJECT NO.	03-17-DR-235
SHEET NO.	C4

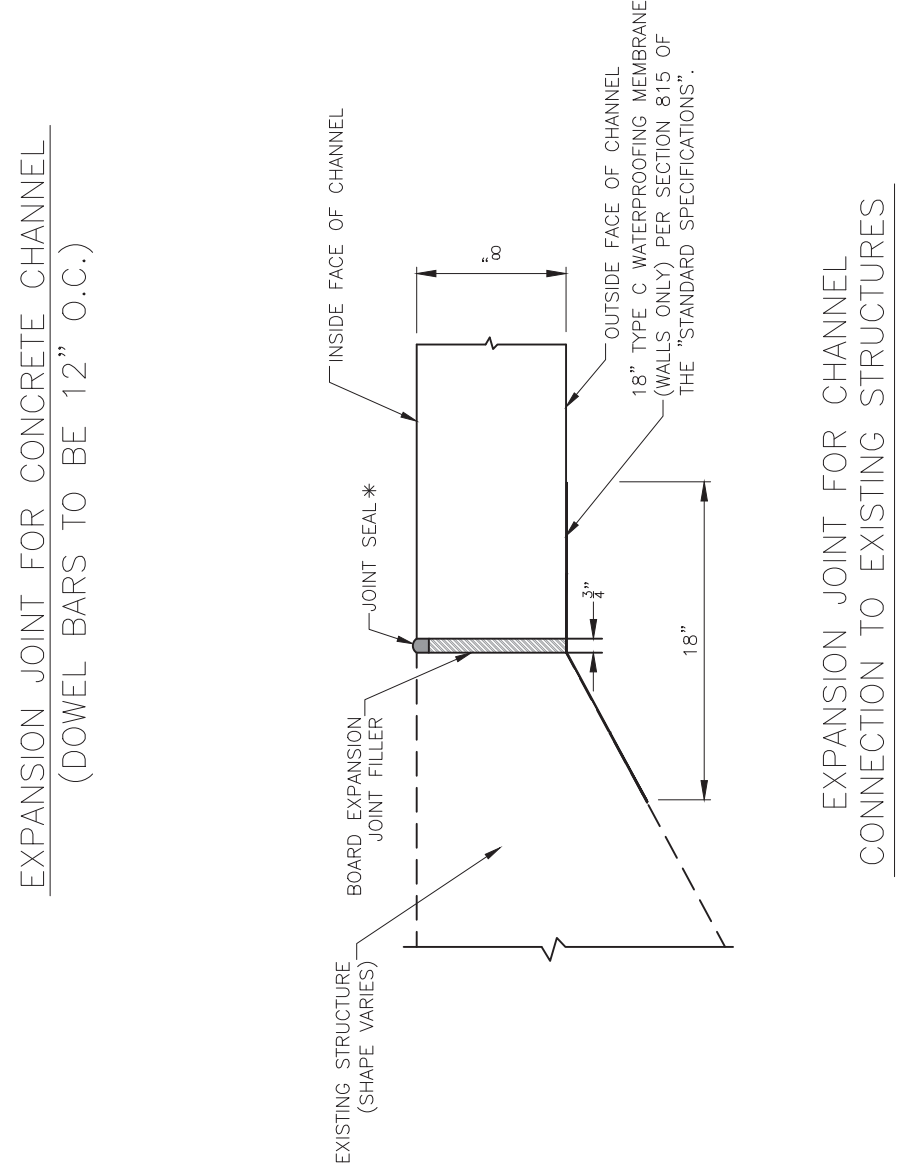
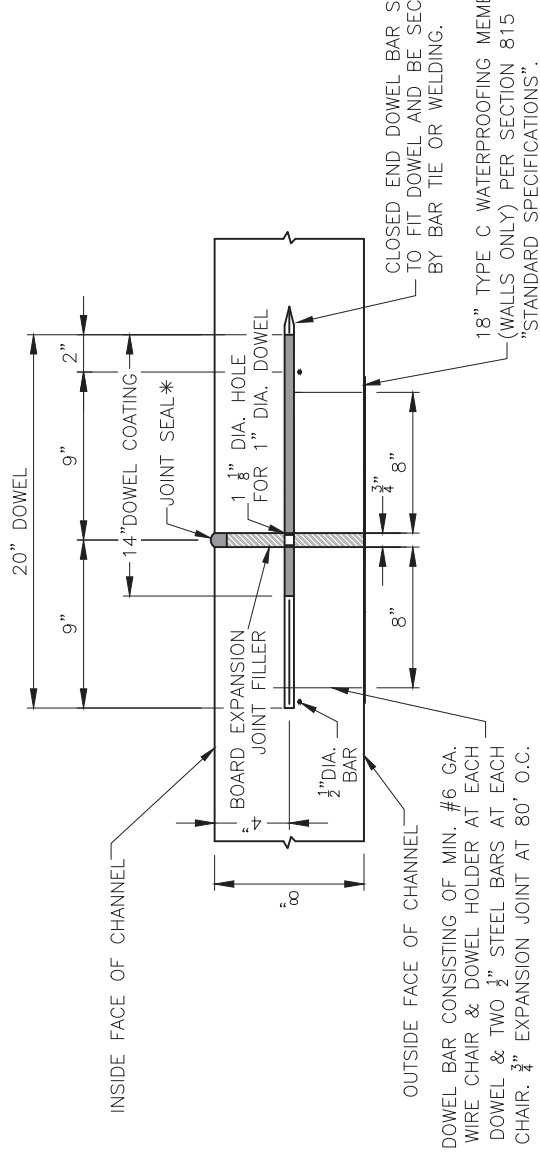


NOTE: FLOWABLE FILL SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE ARDOT STANDARD SPECIFICATIONS AND SHALL BE PAID FOR AT THE UNIT PRICE BID PER CUBIC YARD FOR "FLOWABLE FILL".

▲ VARY WALL HEIGHT SO THAT THE BOTTOM OF THE UPPER SLAB WILL BE AT THE SAME ELEVATION AS THE BOTTOM OF THE EXISTING ROCK WALL. WALL HEIGHT SHALL BE MINIMIZED TO EXTENT POSSIBLE WHILE MEETING THE REQUIREMENTS OF THIS DETAIL.

IF THE BOTTOM OF THE EXISTING ROCK WALL IS AT A LOWER ELEVATION THAN THE TOP OF THE CHANNEL SLAB, THEN THE WALL COMPONENT OF THIS DETAIL SHALL BE ELIMINATED AND THE UPPER SLAB SHALL BE PLACED DIRECTLY ON THE CHANNEL SLAB WITH ONE CONSTRUCTION JOINT.

LEFT END CONDITION DETAIL
STA. 26+87.45 TO STA. 27+50.00



STA. 20+98.66 RT, STA. 21+11.56 LT,
STA. 26+87.45 LT, AND STA. 27+50.00 RT

* JOINT SEAL SHALL BE APPLIED ALONG ALL EXPOSED BOARD EXPANSION JOINT FILLER, INCLUDING ALONG THE INSIDE FACE OF CHANNEL WALL AND THE TOP OF CHANNEL WALL.

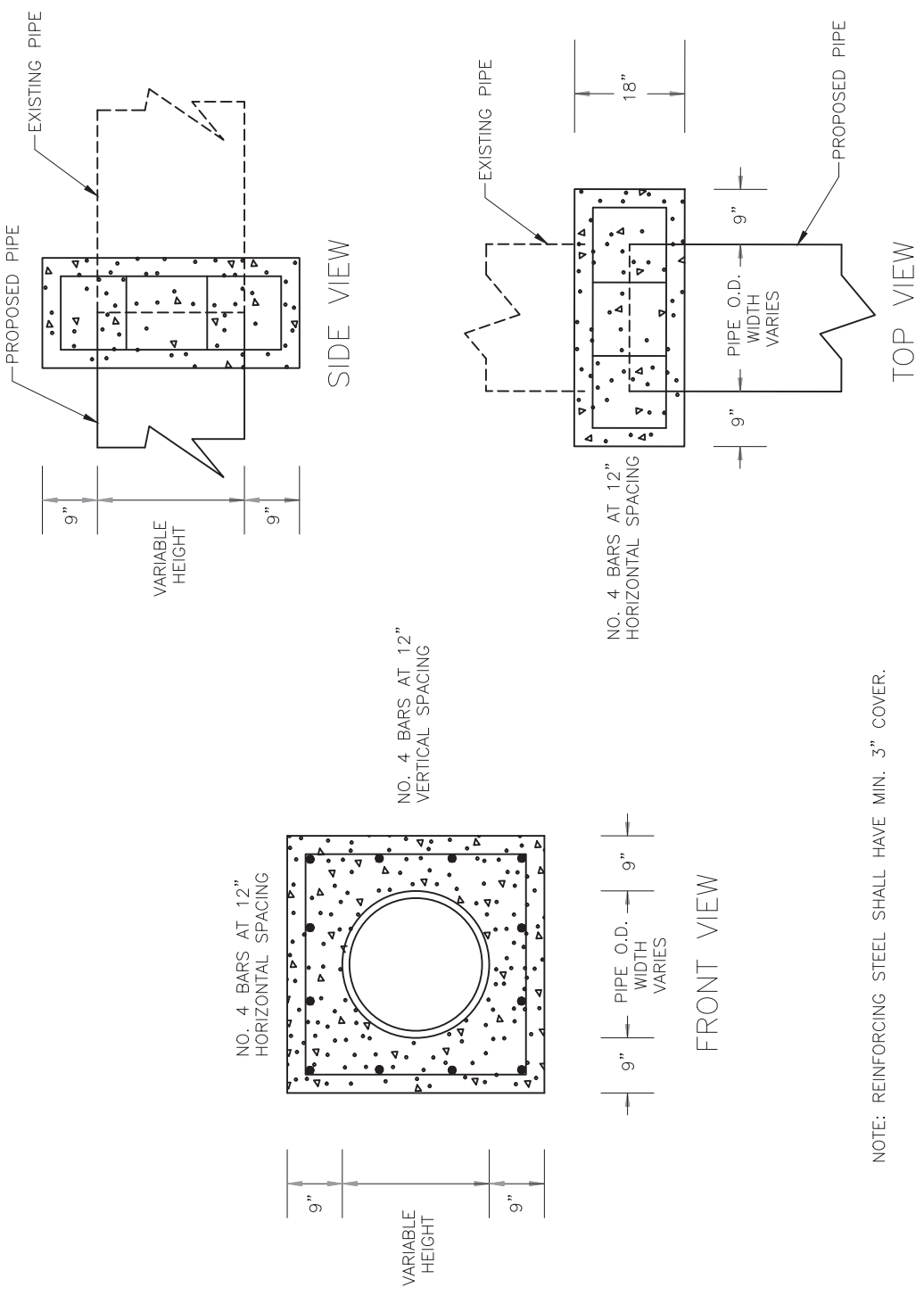
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
SPECIAL DETAILS

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



DRAWN BY	MJM
DESIGNED	RCC
CHECKED	TEM
DATE	12-30-2021
SCALE	N.T.S.
PROJECT NO.	03-17-DR-235
SHEET NO.	C5



NOTE: REINFORCING STEEL SHALL HAVE MIN. 3" COVER.

PIPE EXTENSION
REINFORCED CONCRETE COLLAR DETAIL

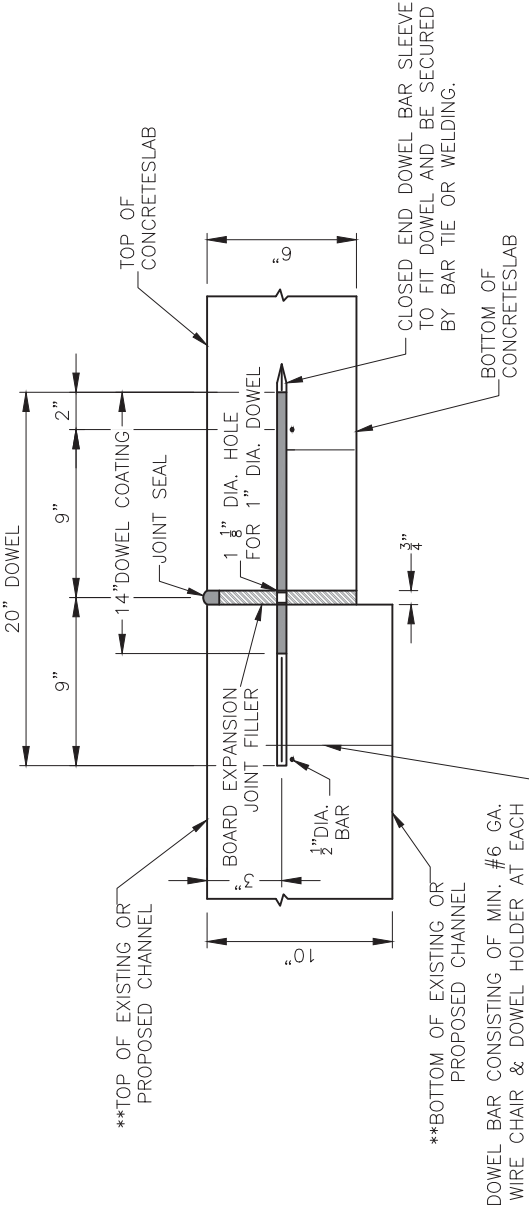
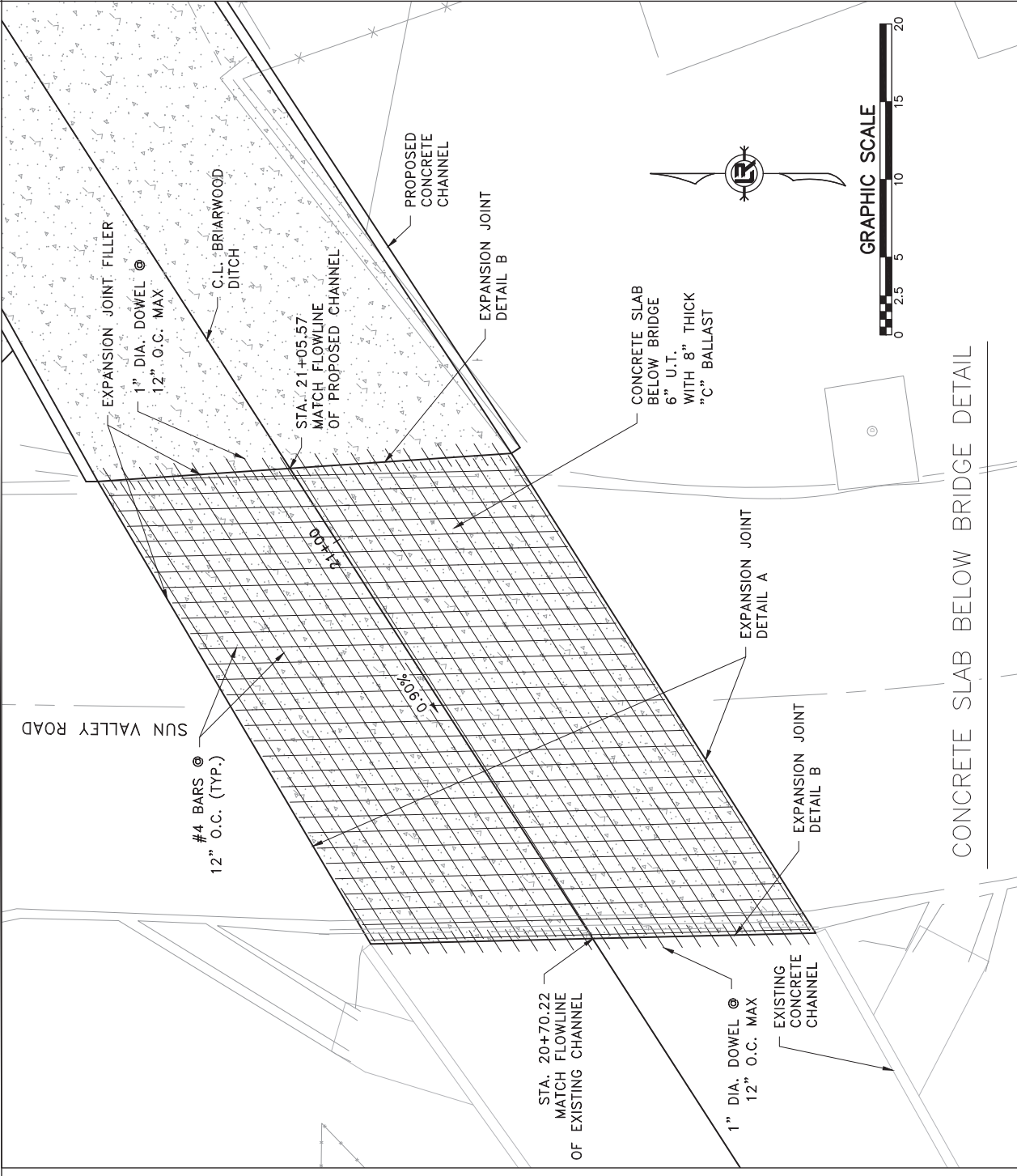
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
SPECIAL DETAILS

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

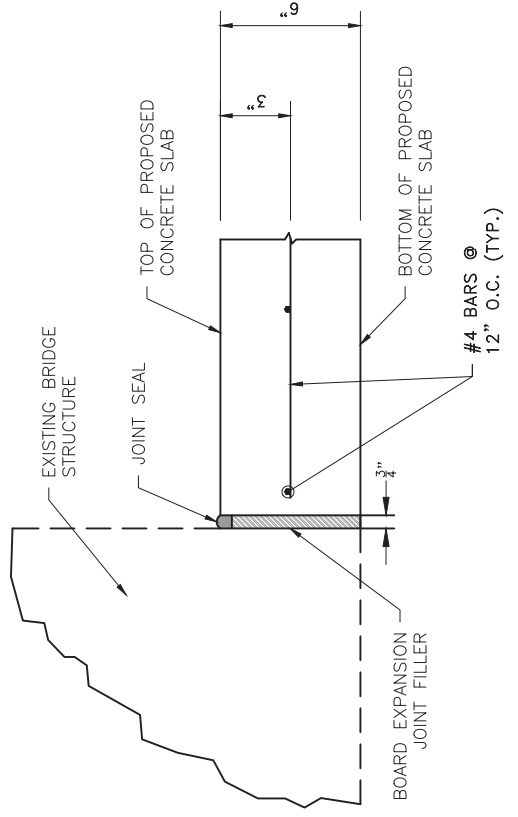


DRAWN BY	RCC
DESIGNED	RCC
CHECKED	DRG
DATE	12-30-2021
SCALE	N.T.S.
PROJECT NO.	03-17-DR-235
SHEET NO.	C6



**** BARS SHOWN TO BE EMBEDDED INTO EXISTING CHANNEL SHALL BE SECURED USING HILTI HIT RE500 EPOXY ANCHOR OR APPROVED EQUAL. ALL BARS SHALL BE EMBEDDED TO DEPTH SHOWN IN DETAIL IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. HOLES FOR EMBEDDED BARS SHALL BE DRILLED 1/4\"**

**EXPANSION JOINT FOR
 CONCRETE SLAB
 DETAIL B**



**EXPANSION JOINT FOR
 CONCRETE SLAB
 DETAIL A**

GENERAL NOTES:
 CONCRETE: CONCRETE SHALL BE POURED IN THE DRY. ALL CONCRETE SHALL BE CLASS S WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH F'c=3,500 PSI.
 REINFORCING STEEL: ALL REINFORCING STEEL SHALL CONFORM TO AASHTO M31 OR M53, GRADE 60.
 LAP LENGTH FOR # 4 BARS SHALL BE 1'-9" MINIMUM
 ALL MATERIALS AND WORK REQUIRED TO CONSTRUCT THE CONCRETE SLAB BELOW THE BRIDGE SHALL BE PAID AT THE UNIT PRICE BID PER CUBIC YARD FOR "REINFORCED CONCRETE".
 SUBGRADE PREPARATION FOR CONCRETE SLAB BELOW BRIDGE SHALL MATCH THE SUBGRADE PREPARATION REQUIRED FOR THE PROPOSED CHANNEL.



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
 FIELD TIES/LAYOUT SHEET

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



DRAWN BY	AMW
DESIGNED	RCC
CHECKED	TEM
DATE	12-30-2021
SCALE	1"=60'
PROJECT NO.	03-17-DR-235
SHEET NO.	C7

C.L. BRIARWOOD DITCH COORDINATES

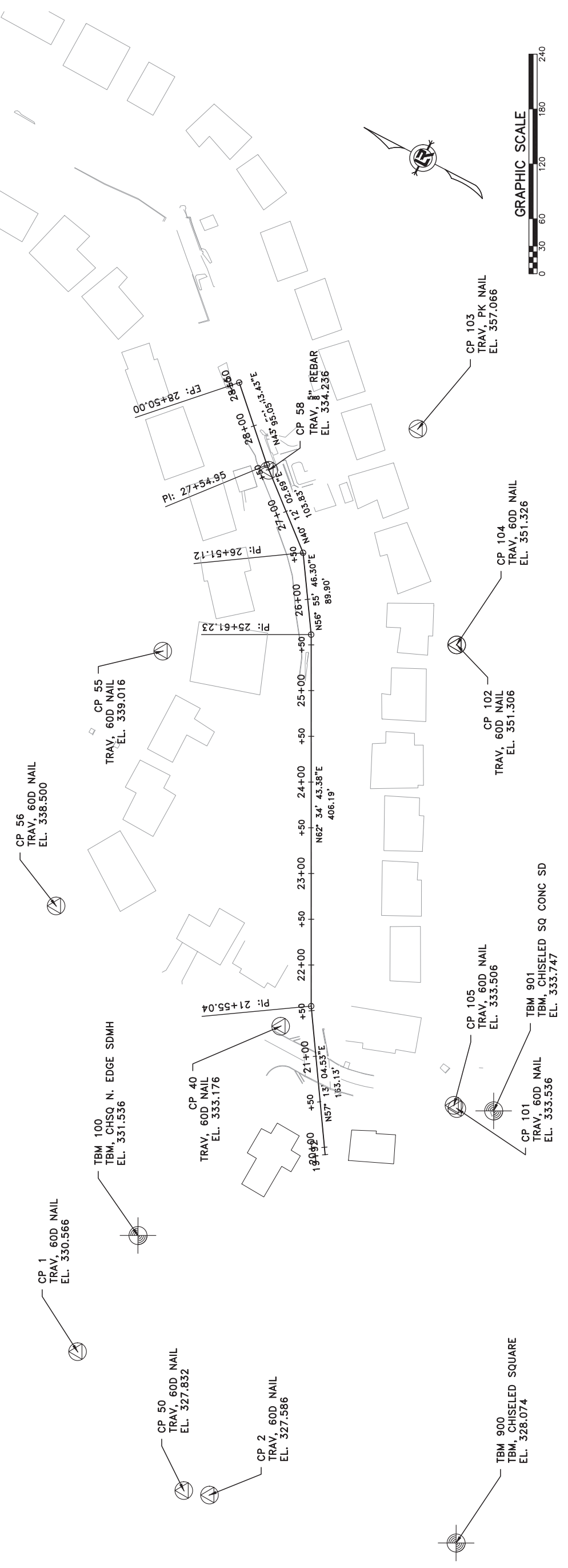
STA.	TYPE	NORTHING	EASTING
19+91.91	BP	151296.2536	1205476.0045
21+55.04	PI	151384.5805	1205613.1552
25+61.23	PI	151571.6426	1205973.7067
26+51.12	PI	151620.6970	1206049.0408
27+54.95	PI	151700.0017	1206116.0603
28+50.00	EP	151768.3768	1206182.0787

Basis of Bearings:
 All Coordinates are Grid.
 For Stakeout use CF = 1.00000000
 Control Points 1 and 2 were established as determined by GPS RTK readings on January 19, 2017 based upon the PAGIS Dial-Up System. Original Grid Coordinates based on Arkansas Grid North Zone 0301 Horizontal Datum: NAD 83
 Vertical Datum: NAVD 88
 Elevations for project based upon GPS RTK readings to Control Point 1.
 Convergence Angle at Control Point 1 is 00°12'27.30836" Left.
 Point 1 Latitude = N 34°44'55.86419"
 Point 1 Longitude = W 092°21'24.25757"
 Job Location is near the intersection of Choctaw Road and Sun Valley Road and the intersection of Sun Valley Road and Flag Road in Little Rock, Pulaski County, Arkansas.



SURVEY BENCHMARKS

NO.	DESCRIPTION	NORTHING	EASTING	ELEV.
1	TRAV, 60D NAIL	151437.3670	1205160.1585	330.566
2	TRAV, 60D NAIL	151237.0650	1205087.3919	327.586
40	TRAV, 60D NAIL	151404.0112	1205578.2806	333.176
50	TRAV, 60D NAIL	151264.2947	1205078.8691	327.832
55	TRAV, 60D NAIL	151707.4306	1205882.8955	339.016
56	TRAV, 60D NAIL	151682.6447	1205581.9351	338.500
58	TRAV, 8" REBAR	151695.5964	1206111.8016	334.236
100	TBM, CHSQ N. EDGE SDMH	151437.2247	1205303.2972	331.536
101	TRAV, 60D NAIL	151191.6488	1205587.0883	333.536
102	TRAV, 60D NAIL	151424.9792	1206037.0791	351.306
103	TRAV, PK NAIL	151571.5627	1206227.1034	357.066
104	TRAV, 60D NAIL	151425.1666	1206037.0421	351.326
105	TRAV, 60D NAIL	151195.9842	1205588.7409	333.506
900	TBM, CHISELED SQUARE	150973.5260	1205165.1025	328.074
901	TBM, CHISELED SQ CONC SD	151154.6410	1205603.3774	333.747



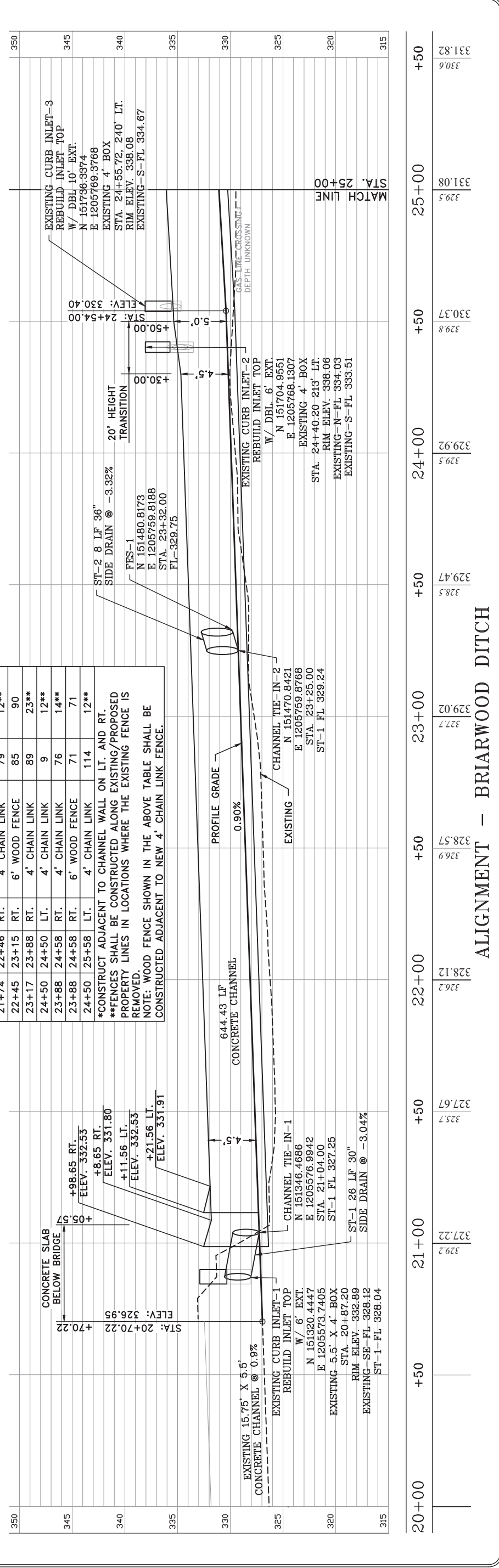
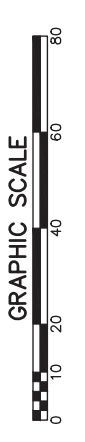
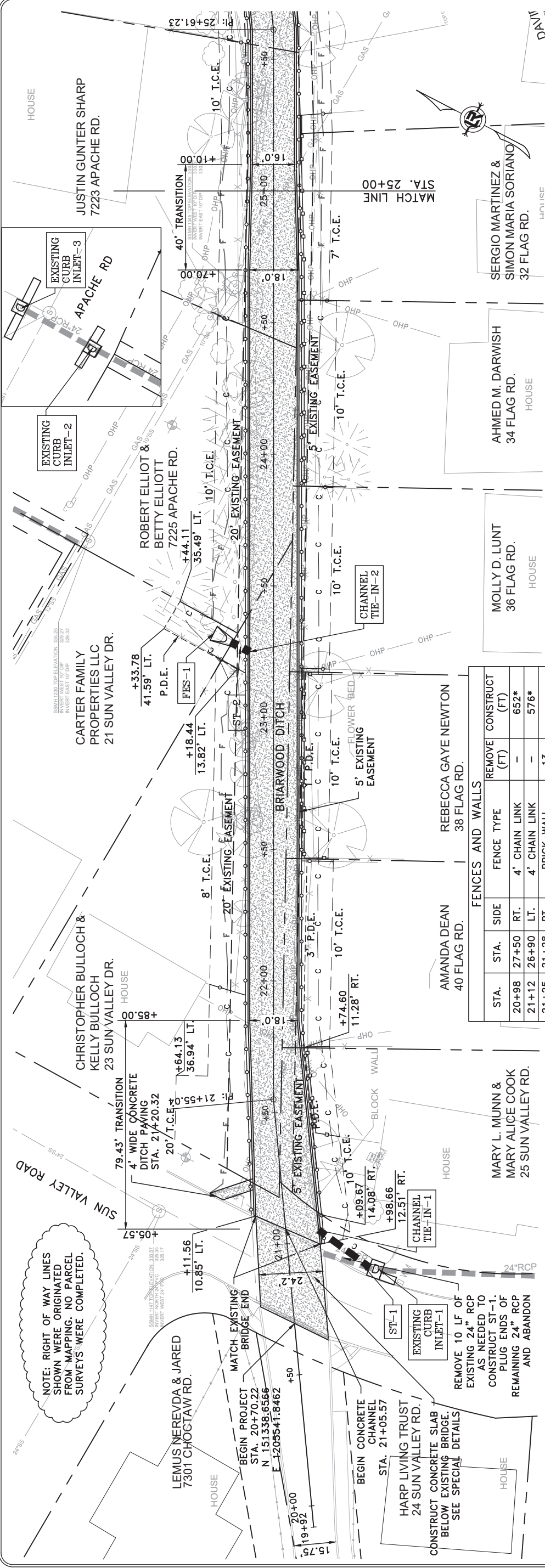
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
PLAN & PROFILE - STA. 20+70 TO 25+00
BRIARWOOD DITCH 1

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



DRAWN BY	MJM
DESIGNED	RCC
CHECKED	TEM
DATE	12-30-2021
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	03-17-DR-235
SHEET NO.	C8



STA.	STA.	SIDE	FENCE TYPE	REMOVE (FT)	CONSTRUCT (FT)
20+98	27+50	RT.	4' CHAIN LINK	-	652*
21+12	26+90	LT.	4' CHAIN LINK	-	576*
21+25	21+28	RT.	BRICK WALL	13	-
20+98	21+29	RT.	STONE WALL	51	-
21+39	21+73	RT.	6' WOOD FENCE	51	51
21+99	23+22	LT.	4' CHAIN LINK	146	35**
21+74	22+46	RT.	4' CHAIN LINK	79	12**
22+45	23+15	RT.	6' WOOD FENCE	85	90
23+17	23+88	RT.	4' CHAIN LINK	89	23**
24+50	24+50	LT.	4' CHAIN LINK	9	12**
23+88	24+58	RT.	4' CHAIN LINK	76	14**
23+88	24+58	RT.	6' WOOD FENCE	71	71
24+50	25+58	LT.	4' CHAIN LINK	114	12**

*CONSTRUCT ADJACENT TO CHANNEL WALL ON LT. AND RT.
 **FENCES SHALL BE CONSTRUCTED ALONG EXISTING/PROPOSED PROPERTY LINES IN LOCATIONS WHERE THE EXISTING FENCE IS REMOVED.
 NOTE: WOOD FENCE SHOWN IN THE ABOVE TABLE SHALL BE CONSTRUCTED ADJACENT TO NEW 4' CHAIN LINK FENCE.

ALIGNMENT - BRIARWOOD DITCH

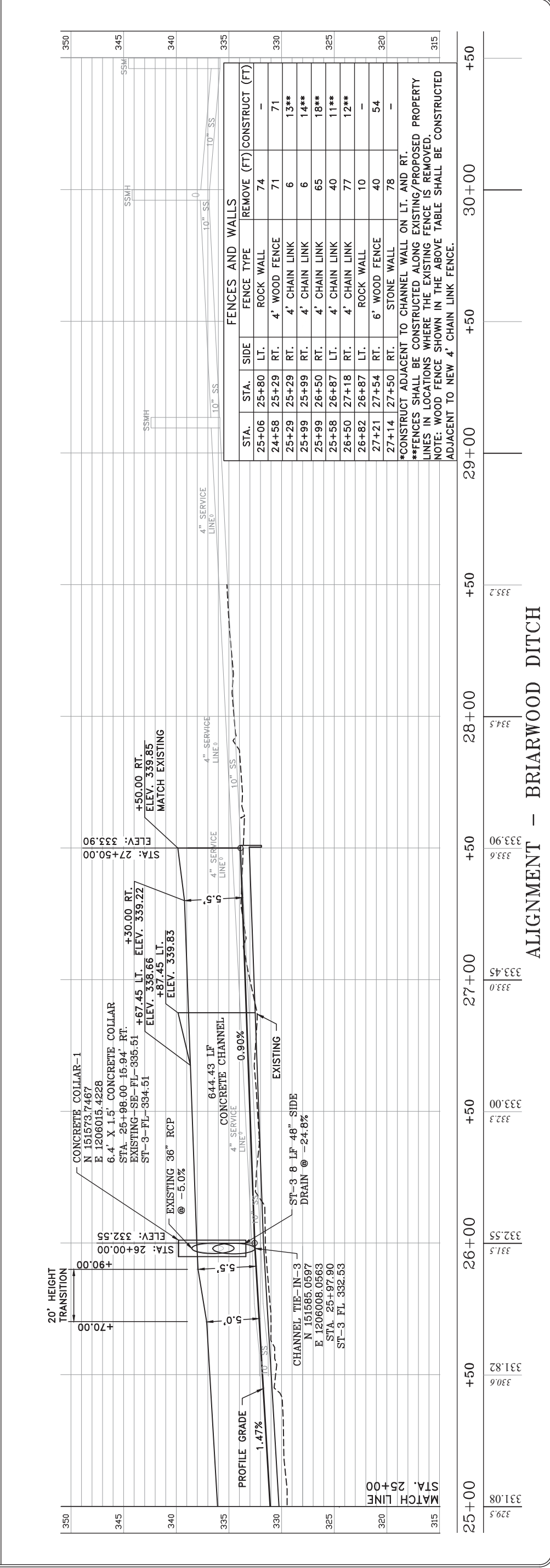
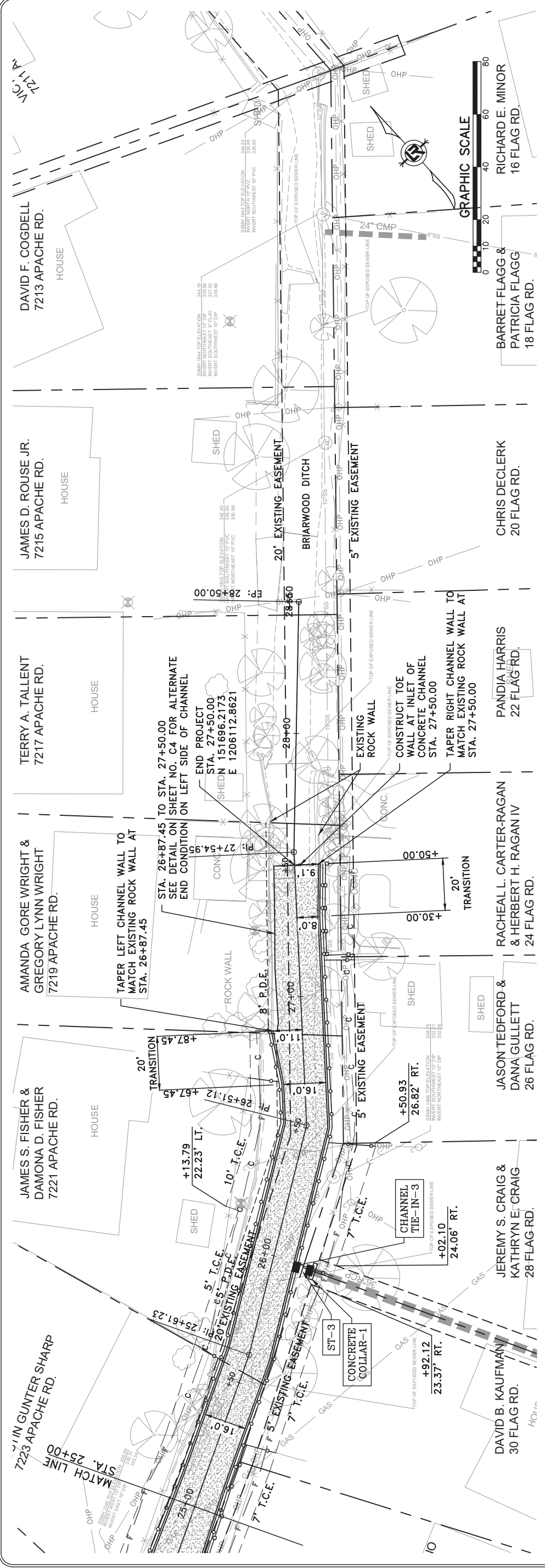
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
 BRIARWOOD DITCH 2
 PLAN & PROFILE - STA. 25+00 TO 27+50

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



DRAWN BY	MJM
DESIGNED	RCC
CHECKED	TEIM
DATE	12-30-2021
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	03-17-DR-235
SHEET NO.	C9



FENCES AND WALLS					
STA.	STA.	SIDE	FENCE TYPE	REMOVE (FT)	CONSTRUCT (FT)
25+06	25+80	LT.	ROCK WALL	74	-
24+58	25+29	RT.	4' WOOD FENCE	71	71
25+29	25+29	RT.	4' CHAIN LINK	6	13**
25+99	25+99	RT.	4' CHAIN LINK	6	14**
25+99	26+50	RT.	4' CHAIN LINK	65	18**
25+58	26+87	LT.	4' CHAIN LINK	40	11**
26+50	27+18	RT.	4' CHAIN LINK	77	12**
26+82	26+87	LT.	ROCK WALL	10	-
27+21	27+54	RT.	6' WOOD FENCE	40	54
27+14	27+50	RT.	STONE WALL	78	-

*CONSTRUCT ADJACENT TO CHANNEL WALL ON LT. AND RT.
 **FENCES SHALL BE CONSTRUCTED ALONG EXISTING/PROPOSED PROPERTY LINES IN LOCATIONS WHERE THE EXISTING FENCE IS REMOVED.
 NOTE: WOOD FENCE SHOWN IN THE ABOVE TABLE SHALL BE CONSTRUCTED ADJACENT TO NEW 4' CHAIN LINK FENCE.

ALIGNMENT - BRIARWOOD DITCH

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
EROSION CONTROL

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



DRAWN BY	AMW
DESIGNED	AMW
CHECKED	MJM
DATE	12-30-2021
SCALE	1"=30'
PROJECT NO.	03-17-DR-235
SHEET NO.	C10



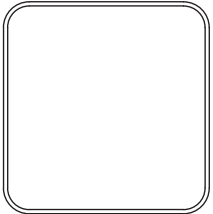
PHASING LEGEND
 PHASE 1 (INITIAL STRIP AND DEMOLITION)
 PHASE 2 (NEW DRAINAGE IN PLACE AND GRADING COMPLETE)
 PHASE 3 (CONCRETE PLACED, GRASS NOT YET ESTABLISHED)



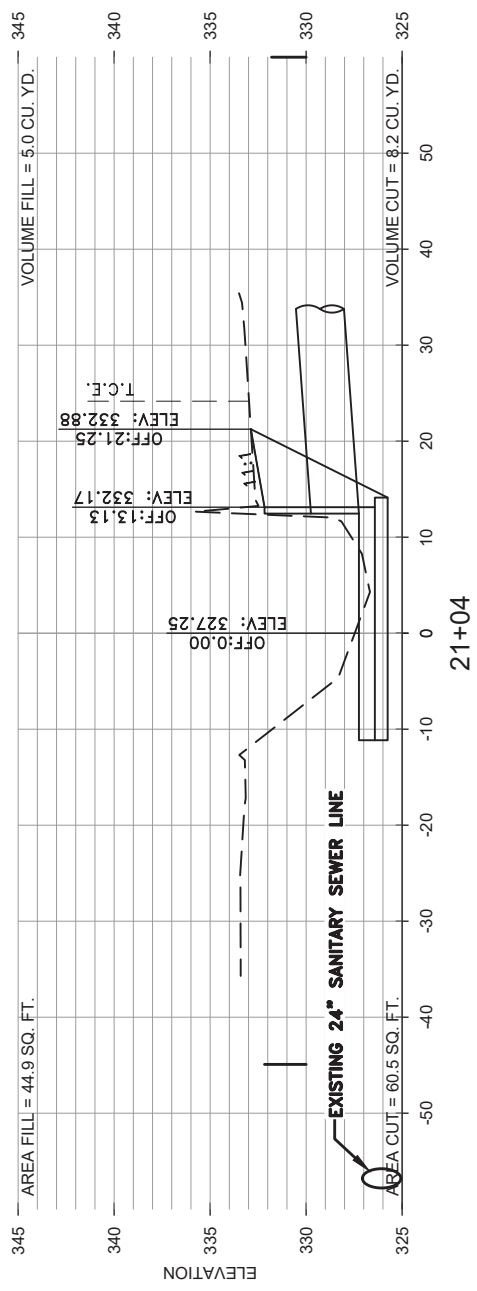
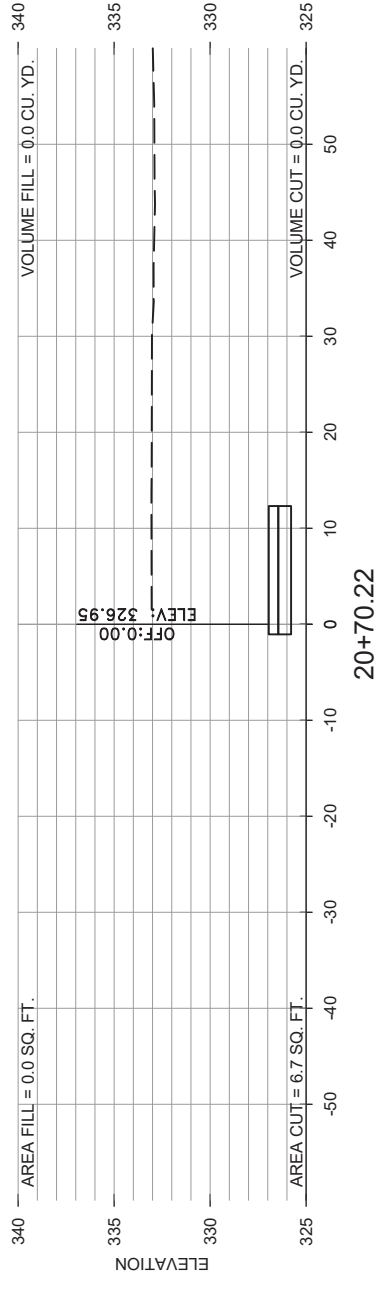
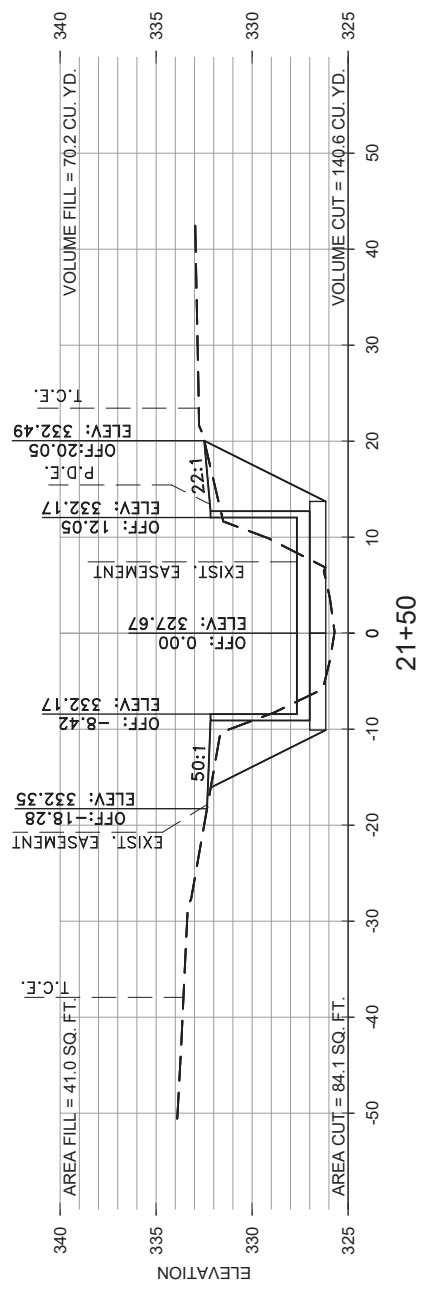
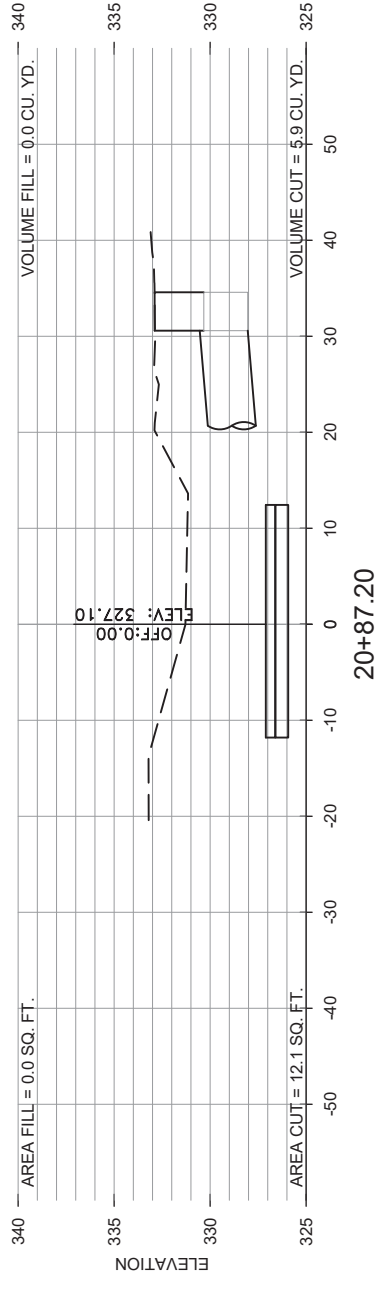
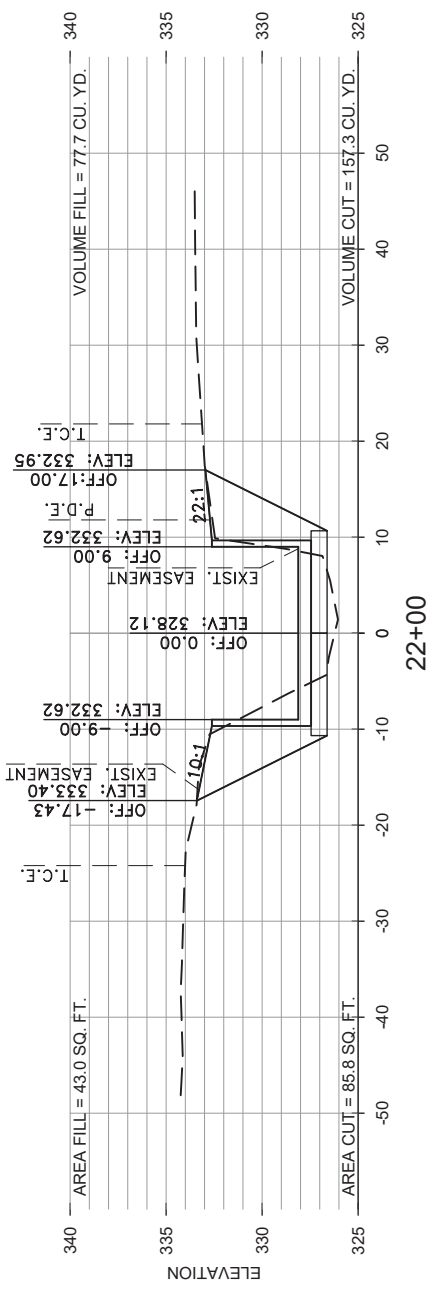
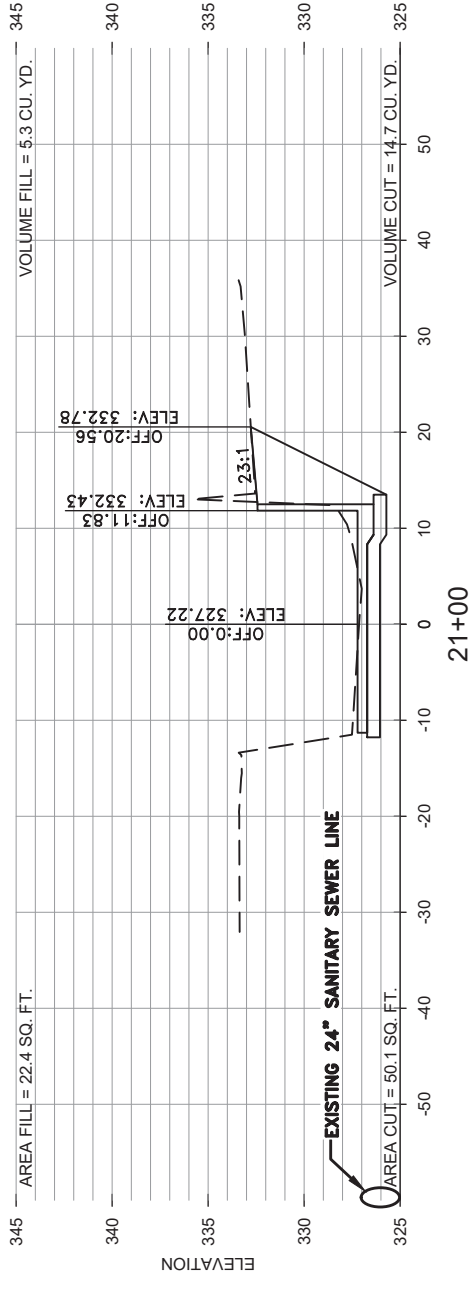
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
 CROSS SECTIONS
 STA 20+70.22 TO 22+00

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



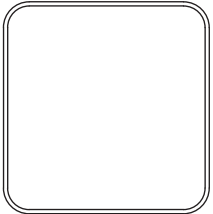
DRAWN BY	MJM
DESIGNED	RCC
CHECKED	TEM
DATE	12-30-2021
SCALE	H: 1"=10' V: 1"=5'
PROJECT NO.	03-17-DR-235
SHEET NO.	C11



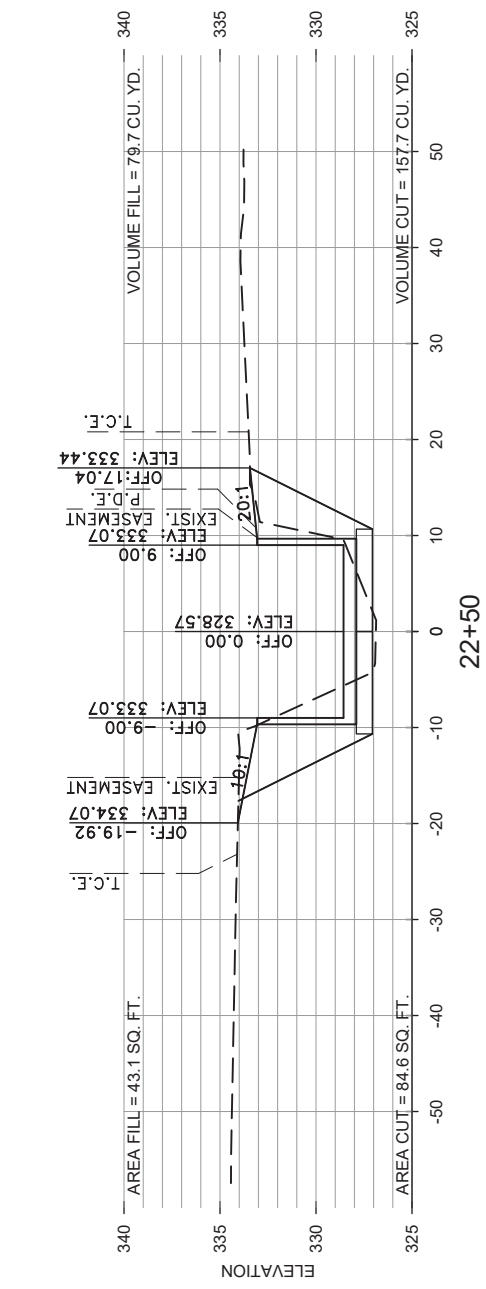
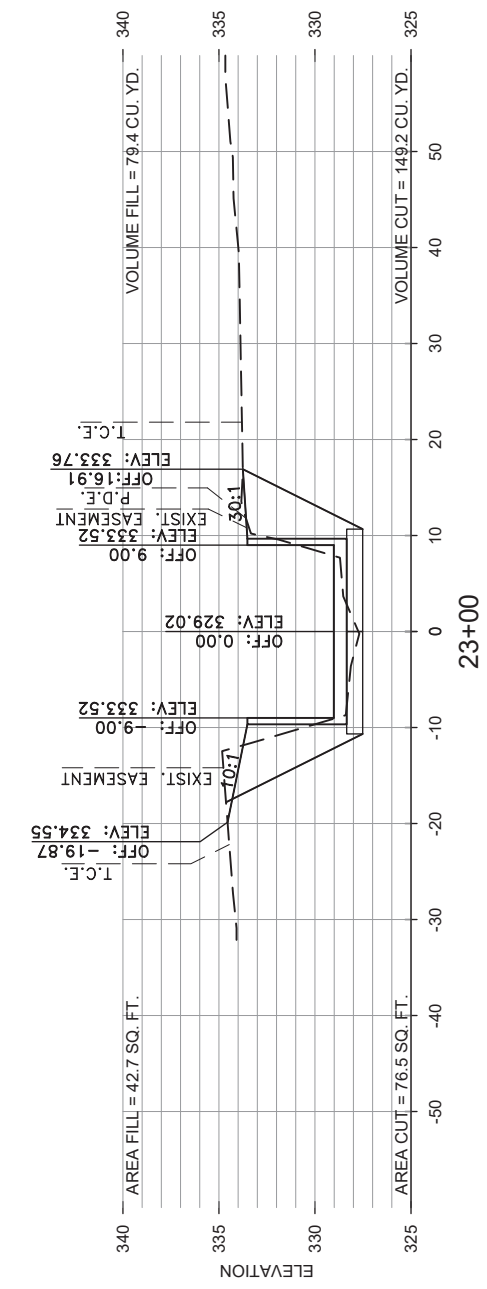
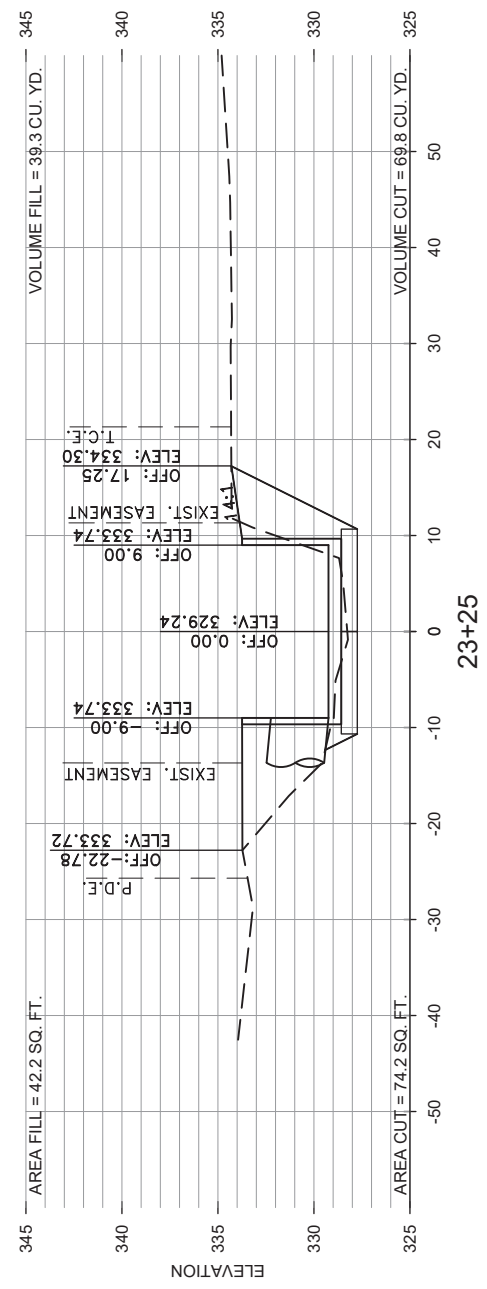
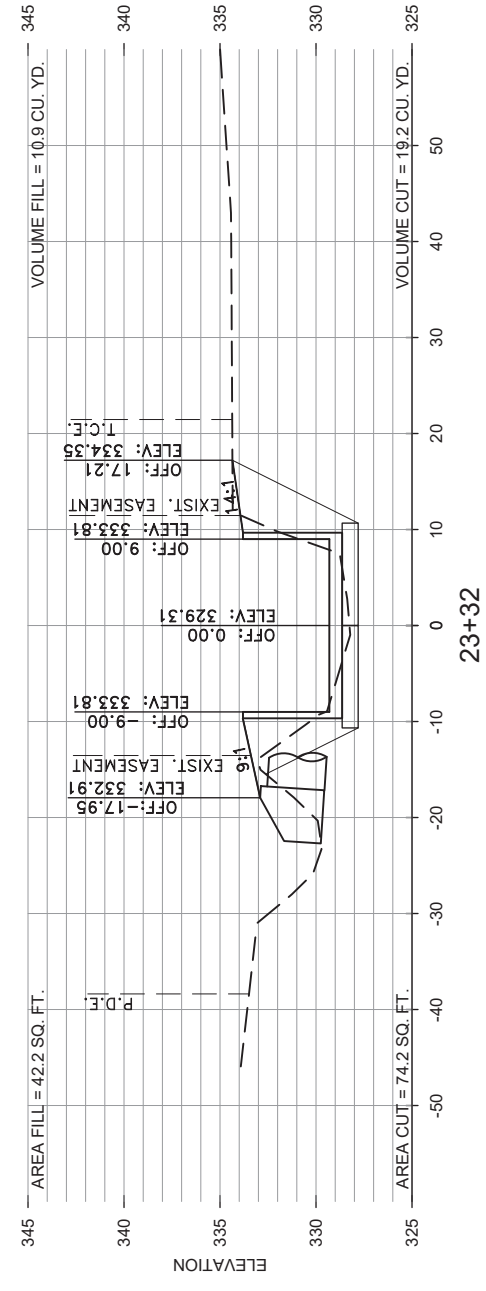
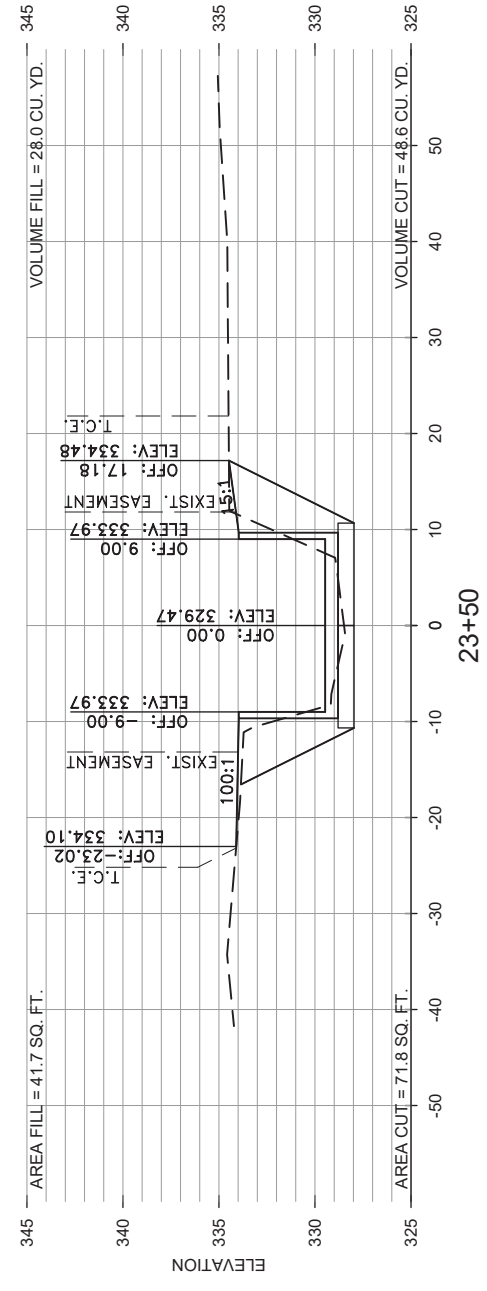
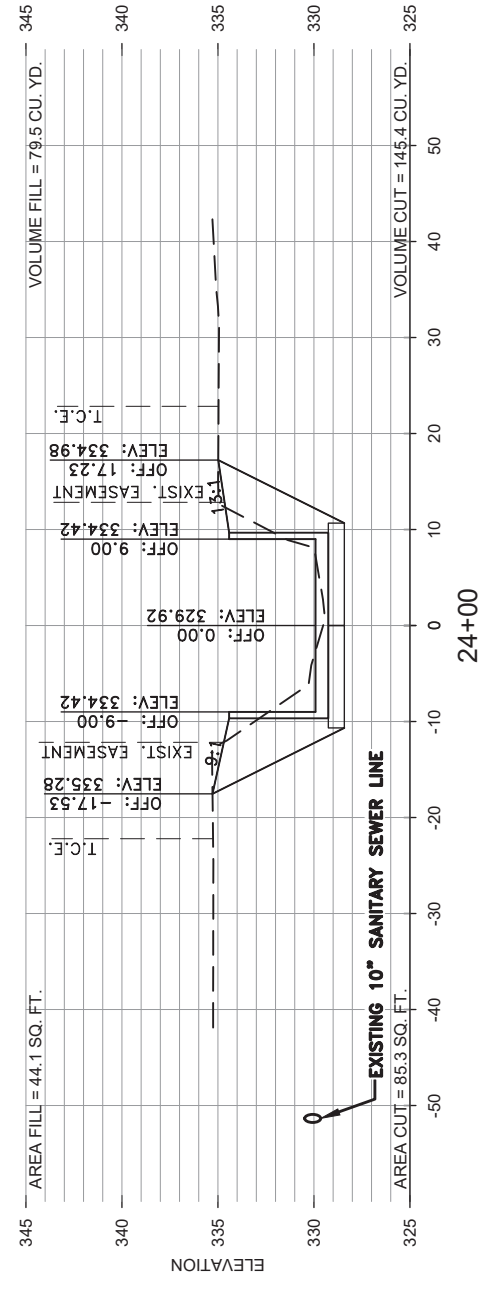
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
 CROSS SECTIONS
 STA 22+50 TO 24+00

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



DRAWN BY
MJM
DESIGNED
RCC
CHECKED
TEIM
DATE
12-30-2021
SCALE
H: 1"=10'
V: 1"=5'
PROJECT NO.
03-17-DR-235
SHEET NO.
C12



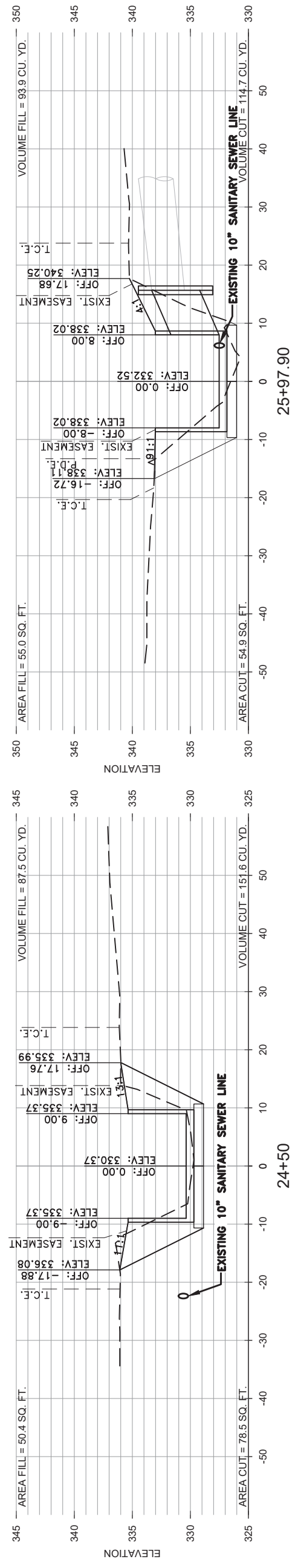
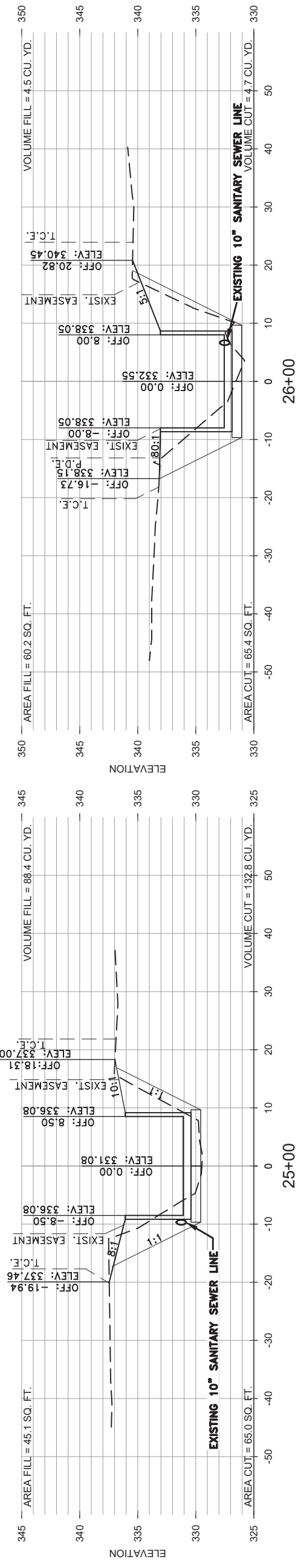
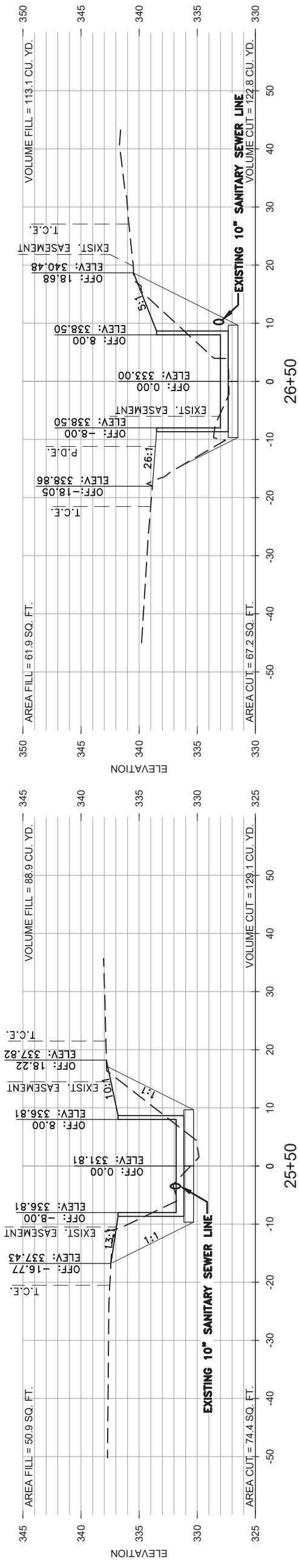
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
 CROSS SECTIONS
 STA 24+50 TO 26+50

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



DRAWN BY	MJM
DESIGNED	RCC
CHECKED	TEM
DATE	12-30-2021
SCALE	H: 1"=10' V: 1"=5'
PROJECT NO.	03-17-DR-235
SHEET NO.	C13

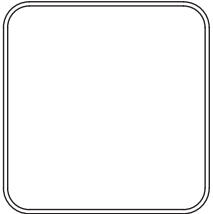


REVISIONS	DATE

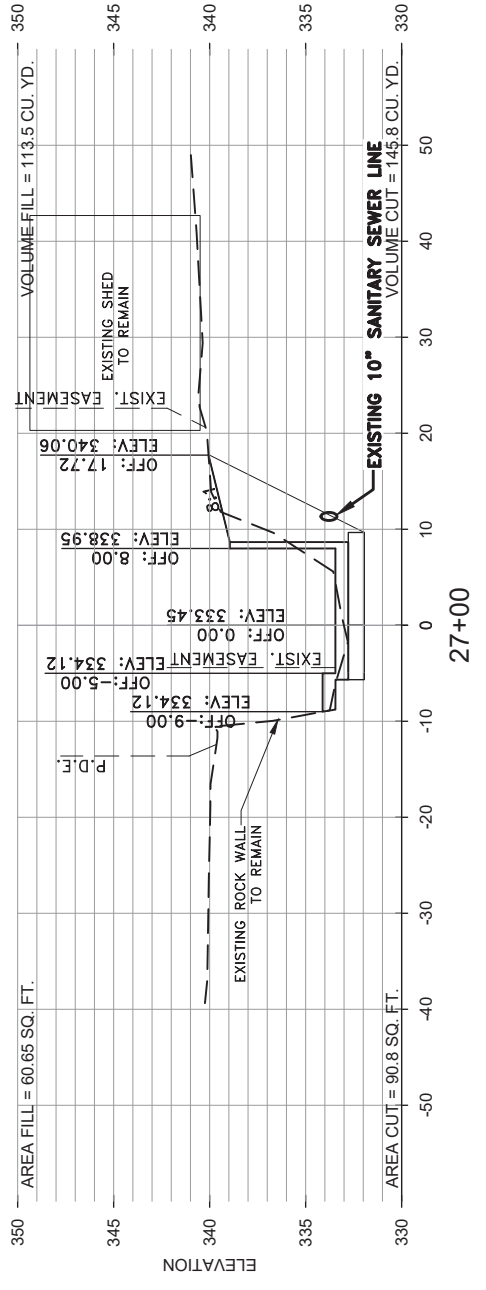
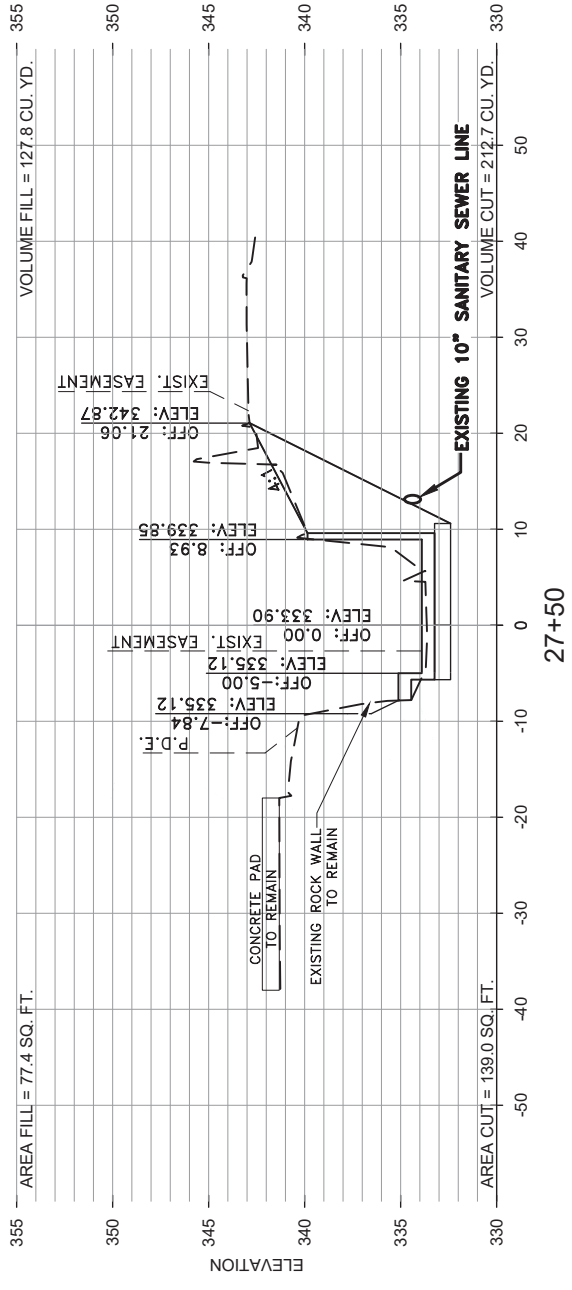
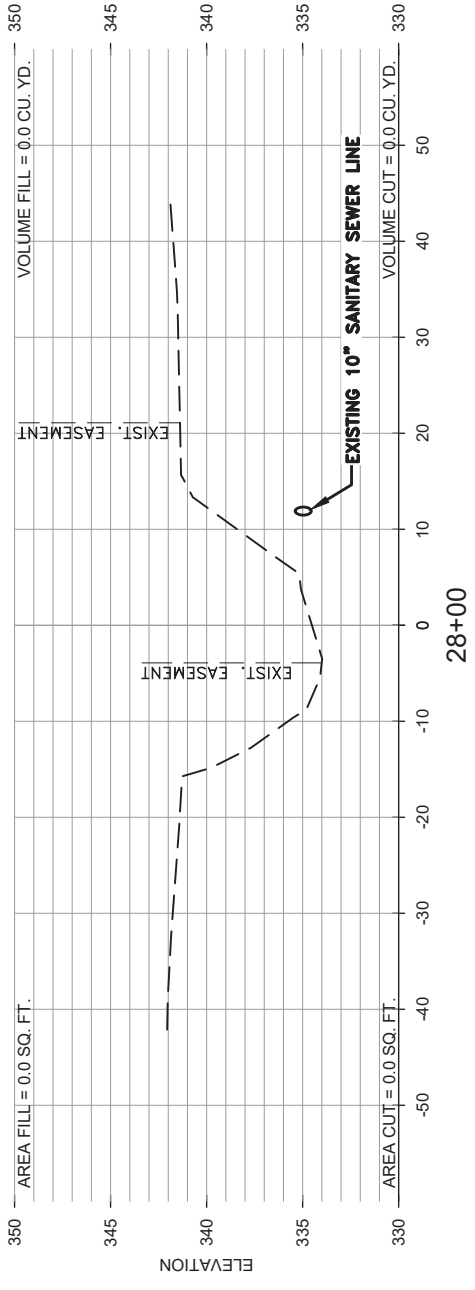
CITY OF LITTLE ROCK, ARKANSAS
BRIARWOOD AREA DRAINAGE IMPROVEMENTS

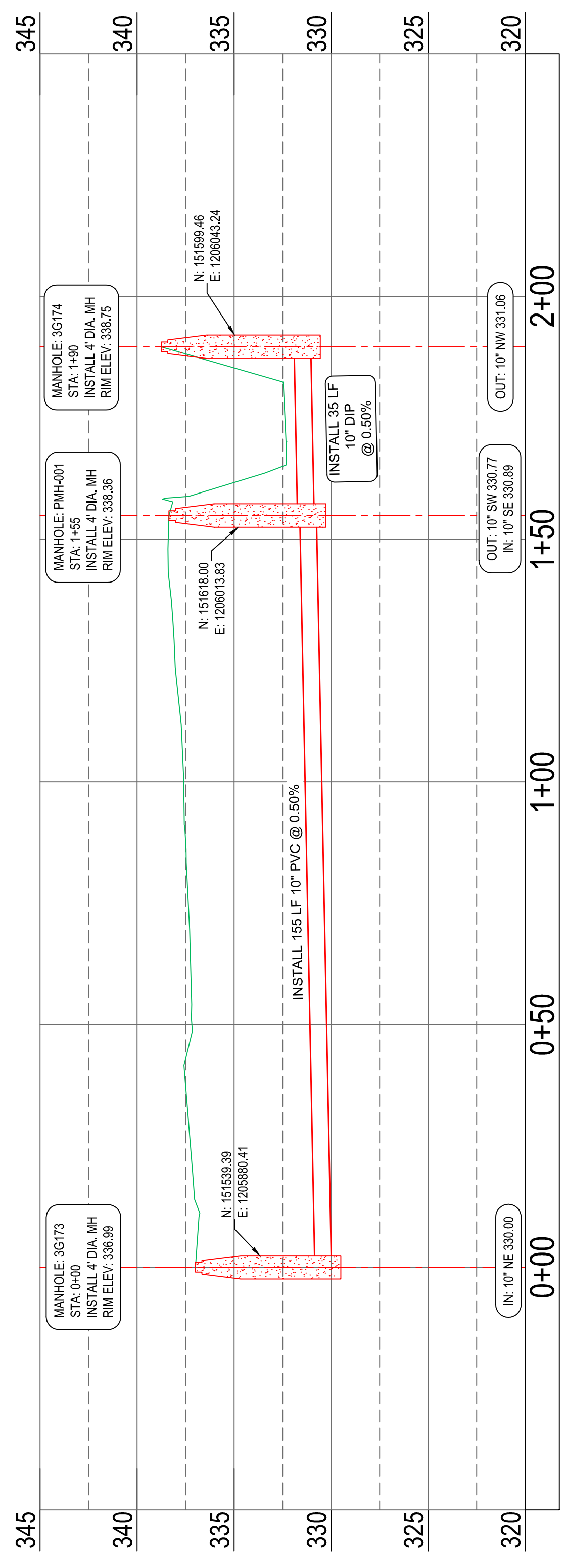
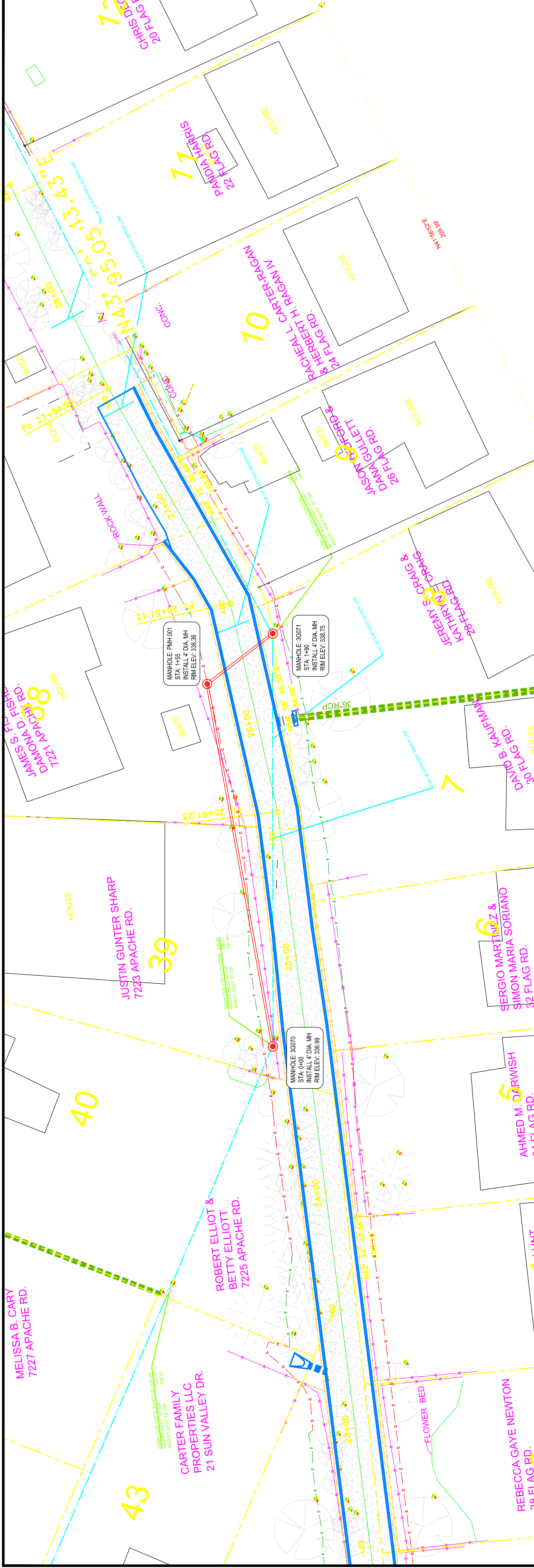
CROSS SECTIONS
 STA 27+00 TO 28+00

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



DRAWN BY	MJM
DESIGNED	RCC
CHECKED	TEIM
DATE	12-30-2021
SCALE	H: 1"=10' V: 1"=5'
PROJECT NO.	03-17-DR-235
SHEET NO.	C14





LEGEND

- PROPOSED 4" DIA. MANHOLE
- PROPOSED 8" DIP SANITARY SEWER LINE
- GRAVITY FLOW DIRECTION
- EXISTING MANHOLE
- EXISTING SANITARY SEWER LINE
- EXISTING SERVICE LINE
- EXISTING WATER LINE
- EXISTING FENCE
- EXISTING PARCELS (APPROX.)
- EXISTING POWER POLE
- EXISTING WATER METER
- EXISTING WATER VALVE

NOTES:

- LOCATE AND EXPOSE EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- REINSTATE ALL LIVE SERVICES.
- INSTALL DOUBLE CLEANOUT AT NEW SERVICE LOCATION.

811
Know what's below.
Call before you dig.

PROJECT #:
ENGINEER TECH: J. West
PROGRAM MANAGER: H. Hirawanu
REVISED BY:
DATE: 02/08/22
AS-BUILT DONE BY:
DATE:
CAD FILE: 001

TBM(S): TEM

LRW MAP BOOK REFERENCE: **3G**

FIELD SKETCH AND MARK LOCATIONS OF ALL EXISTING (E) UTILITIES AS WELL AS ELEVATIONS PRIOR TO ANY CONSTRUCTION.
EXISTING (E) SERVICE LINE LOCATIONS ARE APPROXIMATE. DETERMINATION SHALL BE MADE BY FIELD SURVEY AND/OR OTHER APPROPRIATE MEANS.
REINSTATE ALL LIVE SERVICES ONLY. LOCATIONS AND DEPT. SERVICES TO THE CITY OF PALM SPRINGS ARE THE RESPONSIBILITY OF THE USER.
DATA CONTAINED IN THE PLAN VIEW PORTION OF THIS SHEET WAS COMPILED FROM VARIOUS SOURCES FOR THE SOLE USE AND BENEFIT OF THE PALM SPRINGS AREA. IT IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN CONSENT OF THE ENGINEER. DISTANCES ALONG WITH PROFILE INFORMATION, DO NOT SCALE PLAN VIEW.

SCALE: 1" = 20' HORIZONTAL, 1" = 4' VERTICAL

STAMP

Water Reclamation Authority
LITTLE ROCK
ONE WATER, ONE FUTURE

PLAN AND PROFILE
BRIARWOOD AREA DRAINAGE IMPROVEMENTS
SUN VALLEY RD TO MARKHAM ST - PHASE 1
MAIN REPLACEMENT

SHEET NUMBER
OF
C15