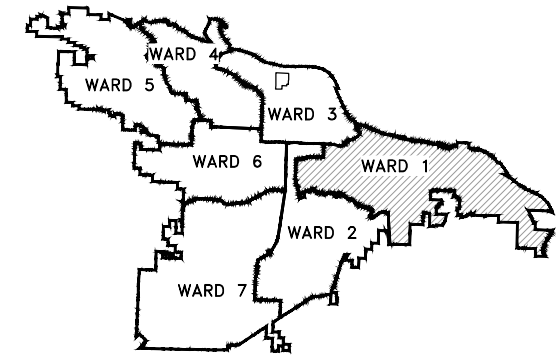
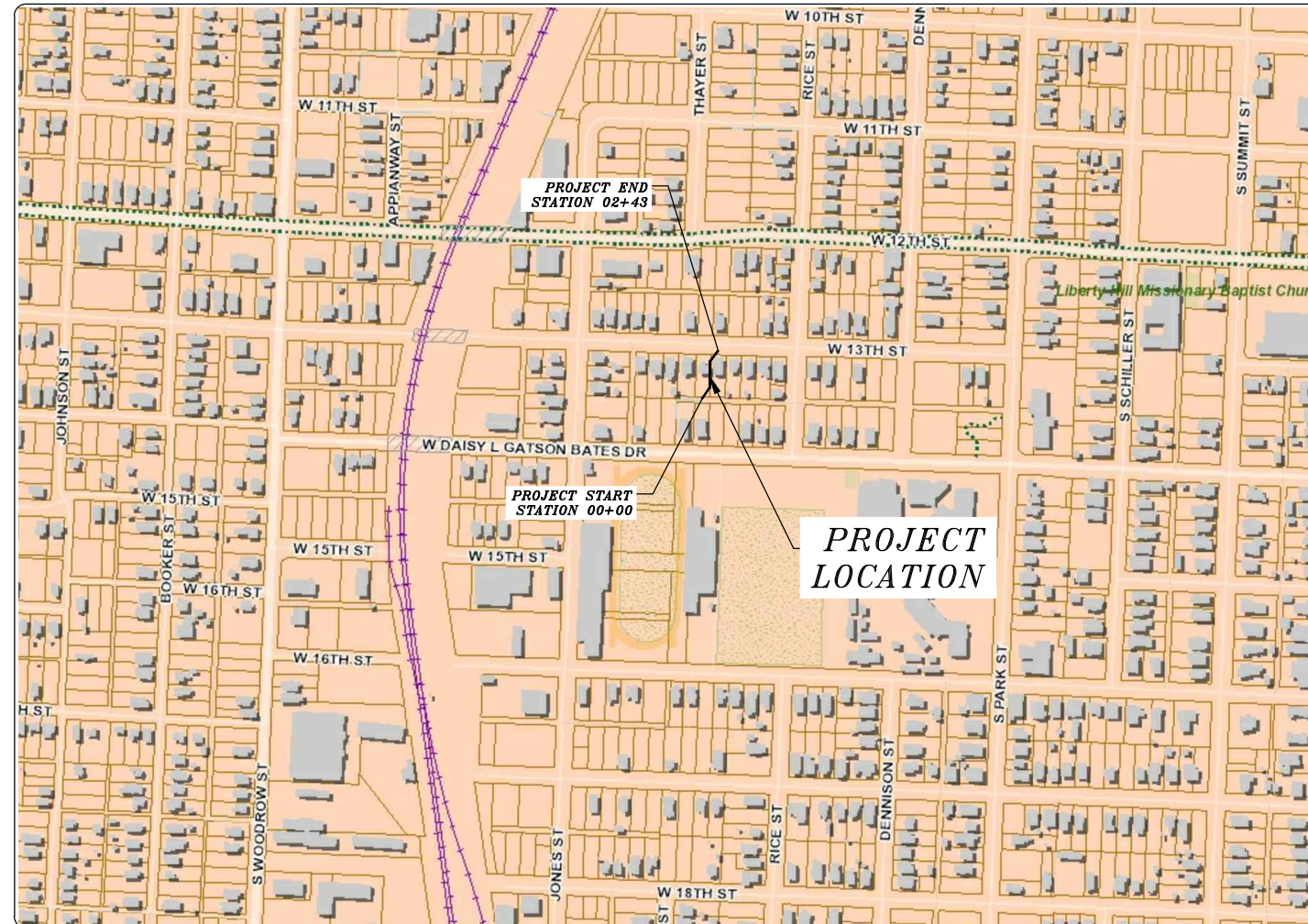


# 01-15-DR-1 13TH STREET DRAINAGE IMPROVEMENTS (2400 BLOCK)



PROJECT LOCATION – WARD 1

SHEET NO.	TITLE
C1	COVER SHEET
C2	QUANTITIES, GENERAL NOTES, LEGEND
C3	FIELD TIES/LAYOUT SHEET
C4	DRAINAGE PLAN AND PROFILE
C5	DRIVEWAY DETAIL
C6	EROSION CONTROL PLAN



**2019-2021  
BOND PROGRAM**

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



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



5800 Evergreen Drive  
Little Rock, AR 72205  
Ph (501) 663-8800  
Fax (501) 588-0123  
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REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
13TH STREET DRAINAGE IMPROVEMENTS

COVER SHEET

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



DRAWN BY AES/HV
DESIGNED AHR
CHECKED CJM
DATE 07/12/2019
SCALE 1" = 300'
PROJECT NO. CLR # 01-15-DR-1
SHEET NO. C1





REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 13TH STREET DRAINAGE IMPROVEMENTS  
 FIELD TIES/LAYOUT SHEET

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

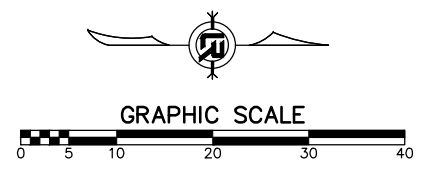
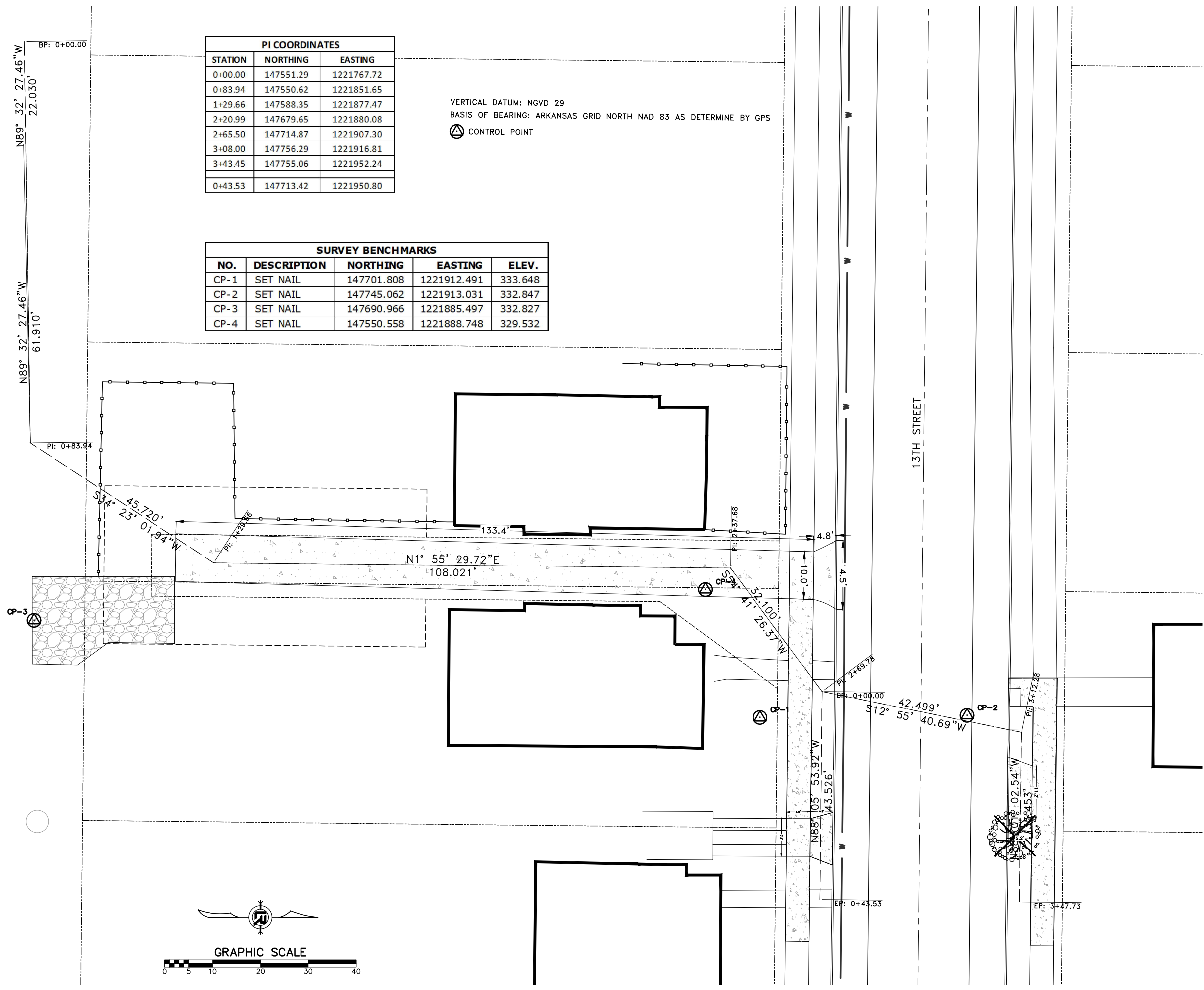


DRAWN BY  
 AES/HV  
 DESIGNED  
 AHR  
 CHECKED  
 CJM  
 DATE  
 07/12/2019  
 SCALE  
 1" = 10'  
 PROJECT NO.  
 CLR # 01-15-DR-1  
 SHEET NO.  
 C3

PI COORDINATES		
STATION	NORTHING	EASTING
0+00.00	147551.29	1221767.72
0+83.94	147550.62	1221851.65
1+29.66	147588.35	1221877.47
2+20.99	147679.65	1221880.08
2+65.50	147714.87	1221907.30
3+08.00	147756.29	1221916.81
3+43.45	147755.06	1221952.24
0+43.53	147713.42	1221950.80

VERTICAL DATUM: NGVD 29  
 BASIS OF BEARING: ARKANSAS GRID NORTH NAD 83 AS DETERMINE BY GPS  
 CONTROL POINT

SURVEY BENCHMARKS				
NO.	DESCRIPTION	NORTHING	EASTING	ELEV.
CP-1	SET NAIL	147701.808	1221912.491	333.648
CP-2	SET NAIL	147745.062	1221913.031	332.847
CP-3	SET NAIL	147690.966	1221885.497	332.827
CP-4	SET NAIL	147550.558	1221888.748	329.532



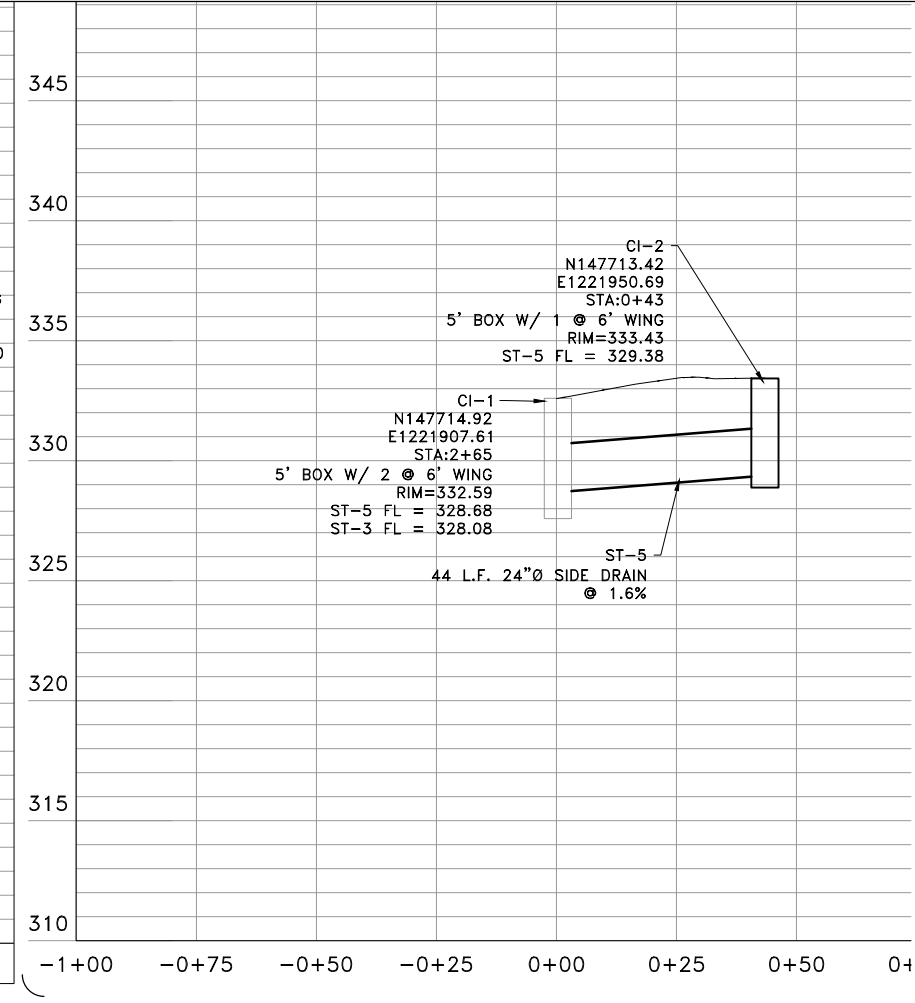
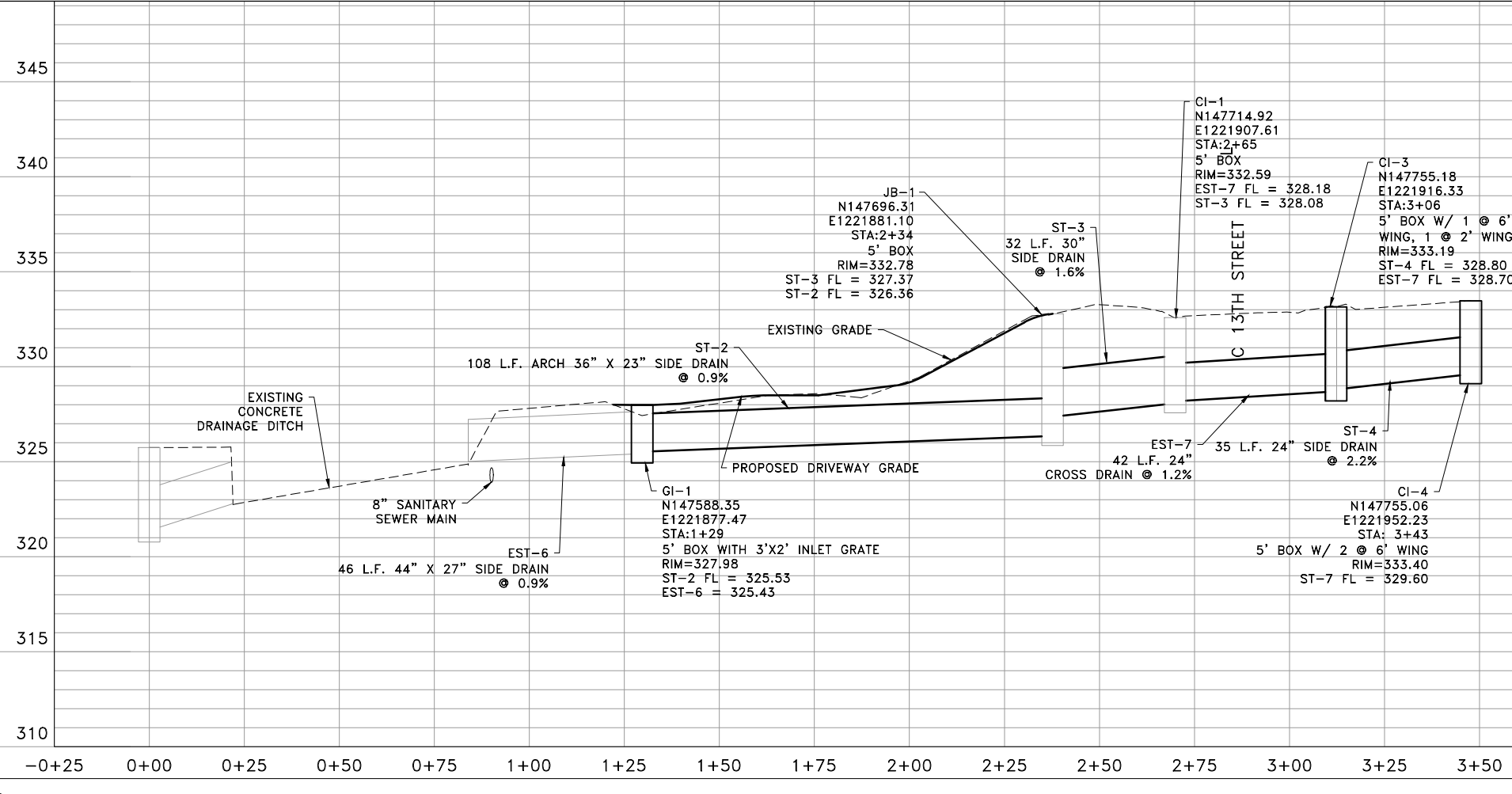
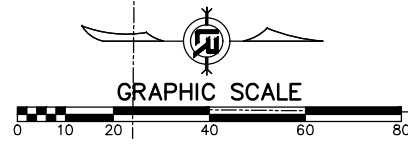
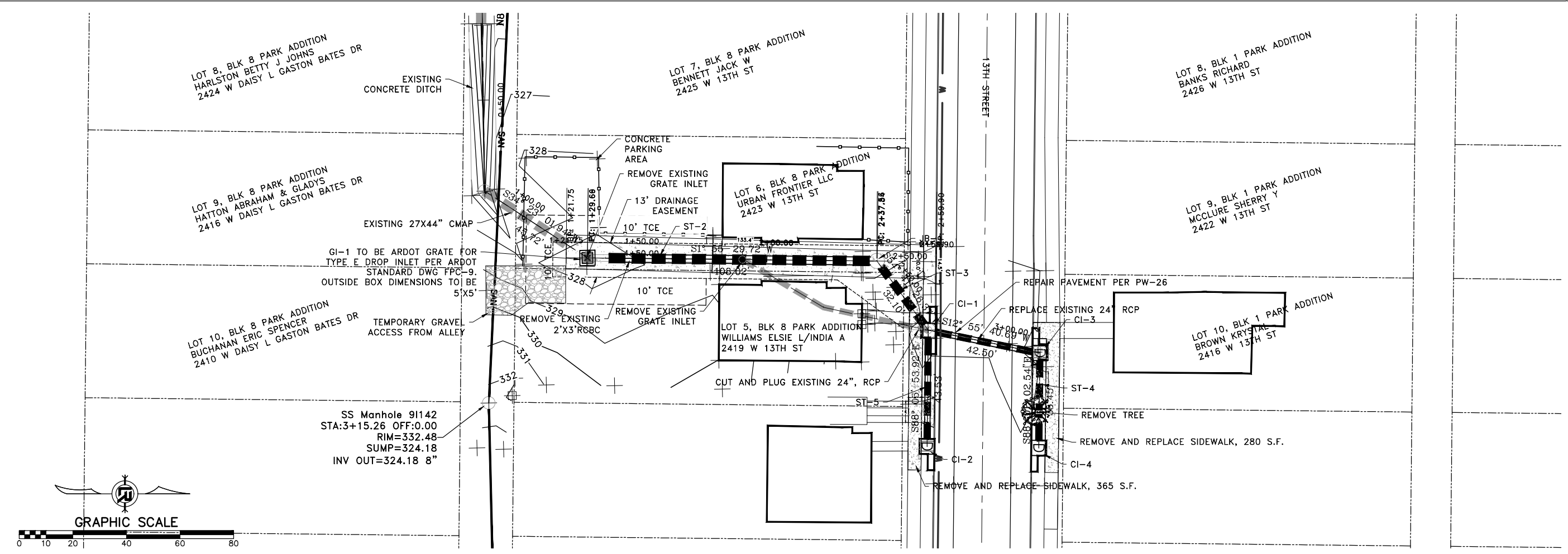
REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**13TH STREET DRAINAGE IMPROVEMENTS**  
**DRAINAGE PLAN & PROFILE AND DRIVEWAY DETAIL**

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



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AES/HV  
**DESIGNED**  
AHR  
**CHECKED**  
CJM  
**DATE**  
07/12/2019  
**SCALE**  
H: 1" = 20' V: 1" = 4'  
**PROJECT NO.**  
CLR # 01-15-DR-1  
**SHEET NO.**  
C4



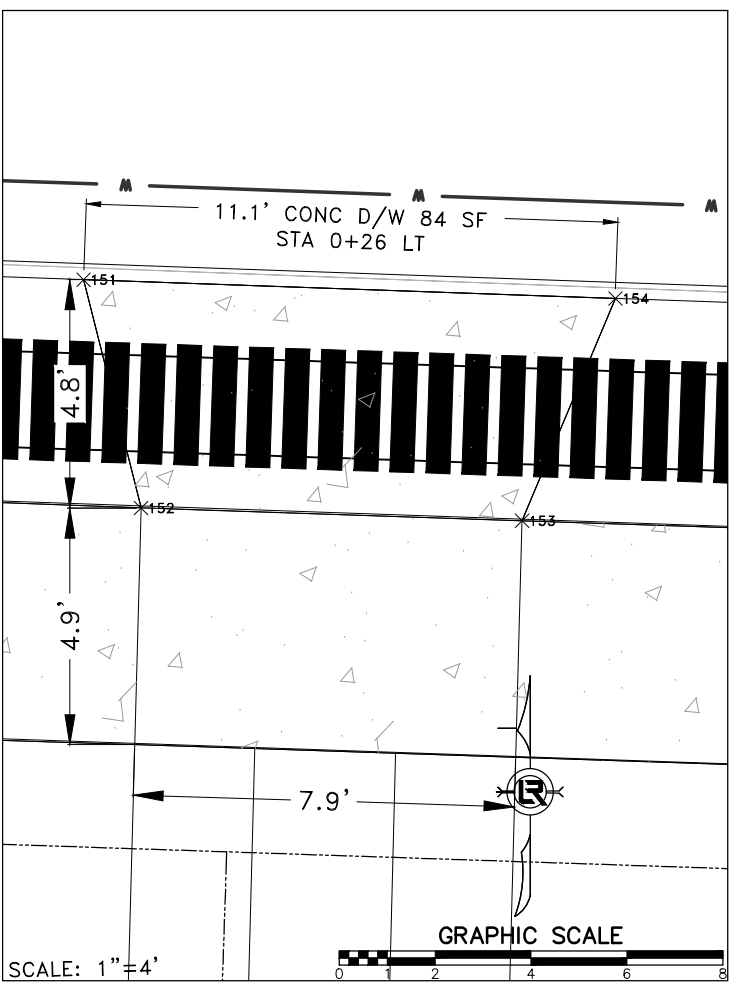
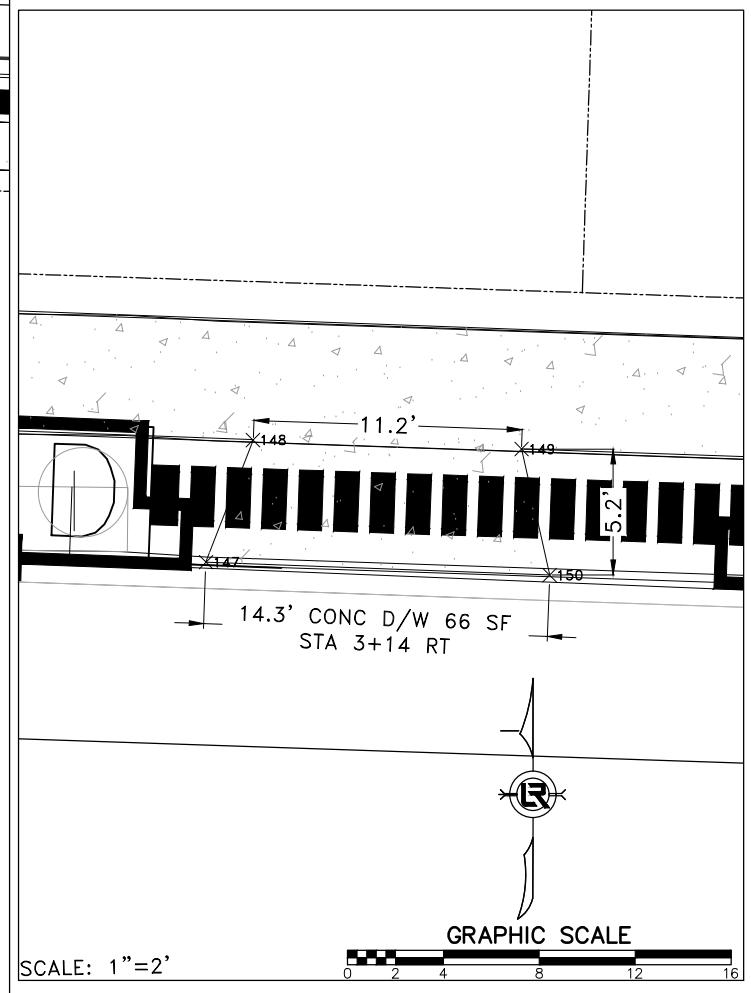
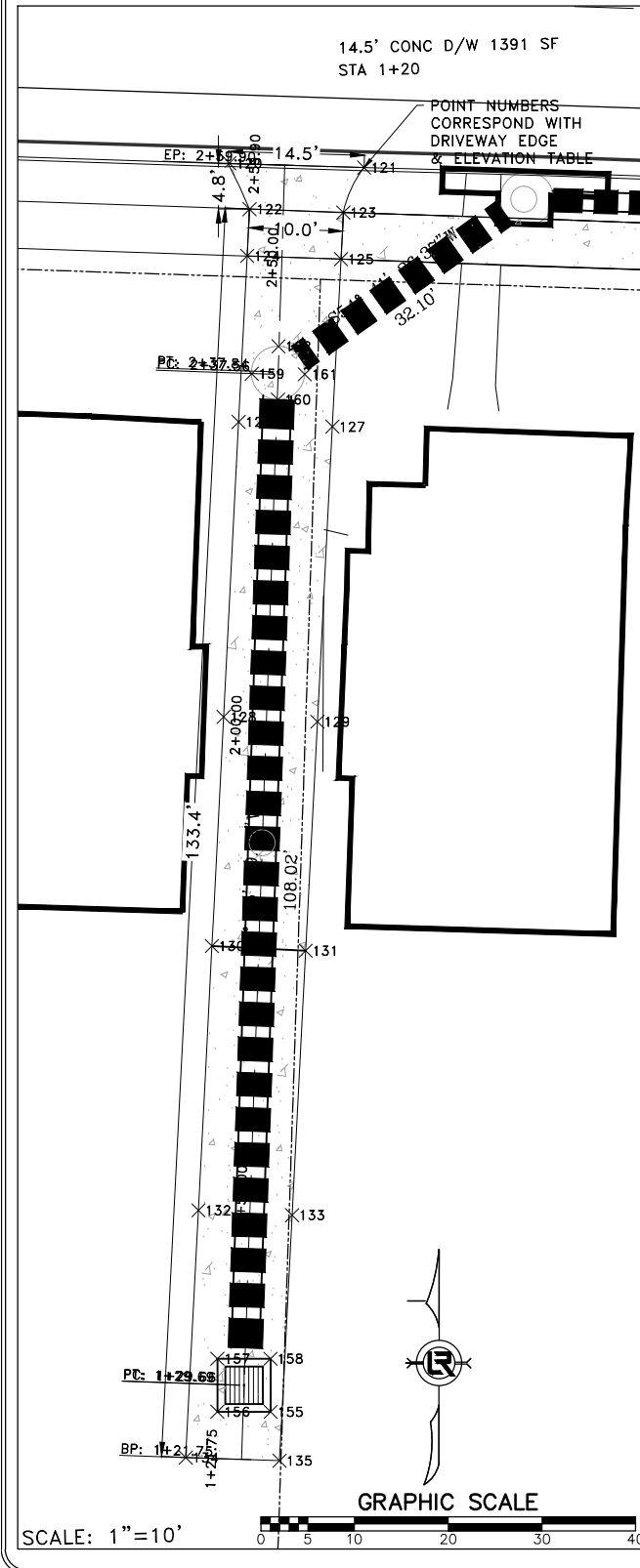
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
13TH STREET DRAINAGE IMPROVEMENTS  
DRIVEWAY DETAIL

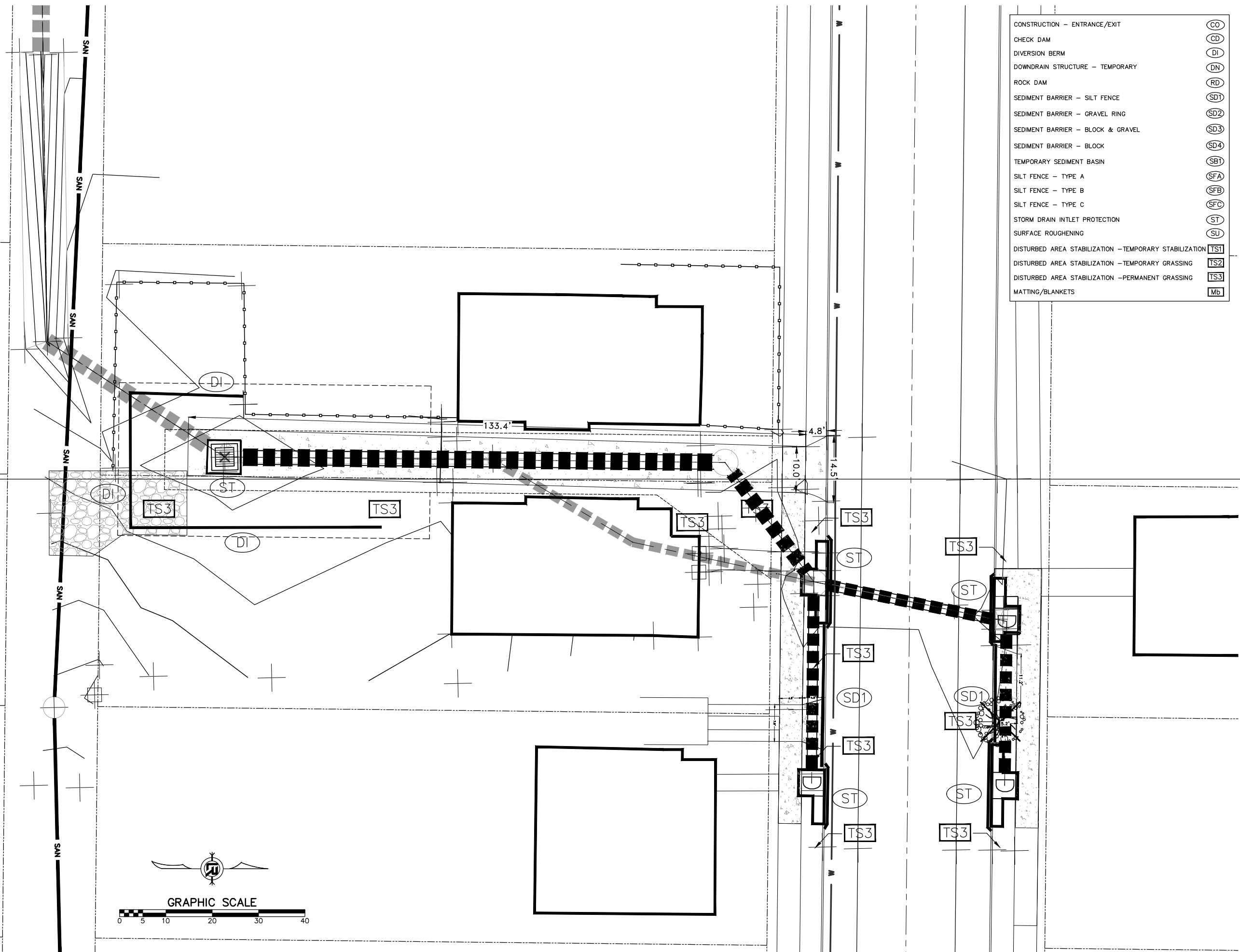
DEPARTMENT OF PUBLIC WORKS  
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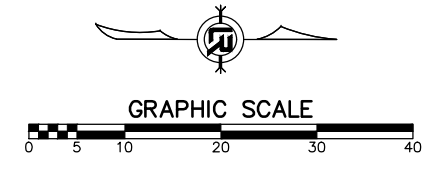
**DRAWN BY**  
AES/HV  
**DESIGNED**  
AHR  
**CHECKED**  
CJM  
**DATE**  
07/12/2019  
**SCALE**  
NOTED  
**PROJECT NO.**  
CLR # 01-15-DR-1  
**SHEET NO.**  
C5



DRIVEWAY EDGE & ELEVATION				
NO.	DESCRIPTION	NORTHING	EASTING	ELEV.
120	EDGE OF DW	147718.700	1221875.906	332.30
121	EDGE OF DW	147718.240	1221890.266	332.40
122	EDGE OF DW	147713.814	1221878.060	332.83
123	EDGE OF DW	147713.444	1221888.054	332.85
124	EDGE OF DW	147708.816	1221877.805	332.93
125	EDGE OF DW	147708.480	1221887.801	332.95
126	EDGE OF DW	147691.114	1221876.901	332.50
127	EDGE OF DW	147690.604	1221886.888	332.50
128	EDGE OF DW	147659.644	1221875.295	329.20
129	EDGE OF DW	147659.134	1221885.282	329.20
130	EDGE OF DW	147635.210	1221874.048	328.50
131	EDGE OF DW	147634.700	1221884.035	328.50
132	EDGE OF DW	147607.006	1221872.608	328.25
133	EDGE OF DW	147606.496	1221882.595	328.25
134	EDGE OF DW	147580.631	1221871.262	328.00
135	EDGE OF DW	147580.296	1221881.258	328.00
147	EDGE OF DW	147753.690	1221922.390	332.63
148	EDGE OF DW	147758.604	1221923.480	333.17
149	EDGE OF DW	147758.640	1221933.620	333.24
150	EDGE OF DW	147752.990	1221934.450	332.91
151	EDGE OF DW	147716.350	1221933.670	332.26
152	EDGE OF DW	147711.760	1221934.700	333.02
153	EDGE OF DW	147711.610	1221941.900	333.11
154	EDGE OF DW	147716.050	1221943.570	332.57
155	EDGE OF DW	147585.511	1221880.305	327.98
156	EDGE OF DW	147585.523	1221874.622	327.98
157	EDGE OF DW	147591.183	1221874.634	327.98
158	EDGE OF DW	147591.183	1221880.293	327.98
159	EDGE OF DW	147696.247	1221878.299	332.78
160	EDGE OF DW	147693.492	1221881.085	332.78
161	EDGE OF DW	147696.202	1221883.949	332.78
162	EDGE OF DW	147699.179	1221881.136	332.77



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 INTLET 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  
13TH STREET DRAINAGE IMPROVEMENTS

EROSION CONTROL PLAN

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



DRAWN BY  
AES/HV  
DESIGNED  
AHR  
CHECKED  
CJM  
DATE  
07/12/2019  
SCALE  
1" = 10'  
PROJECT NO.  
CLR # 01-15-DR-1  
SHEET NO.  
C6



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 13TH STREET DRAINAGE IMPROVEMENTS  
 MAINTENANCE OF TRAFFIC

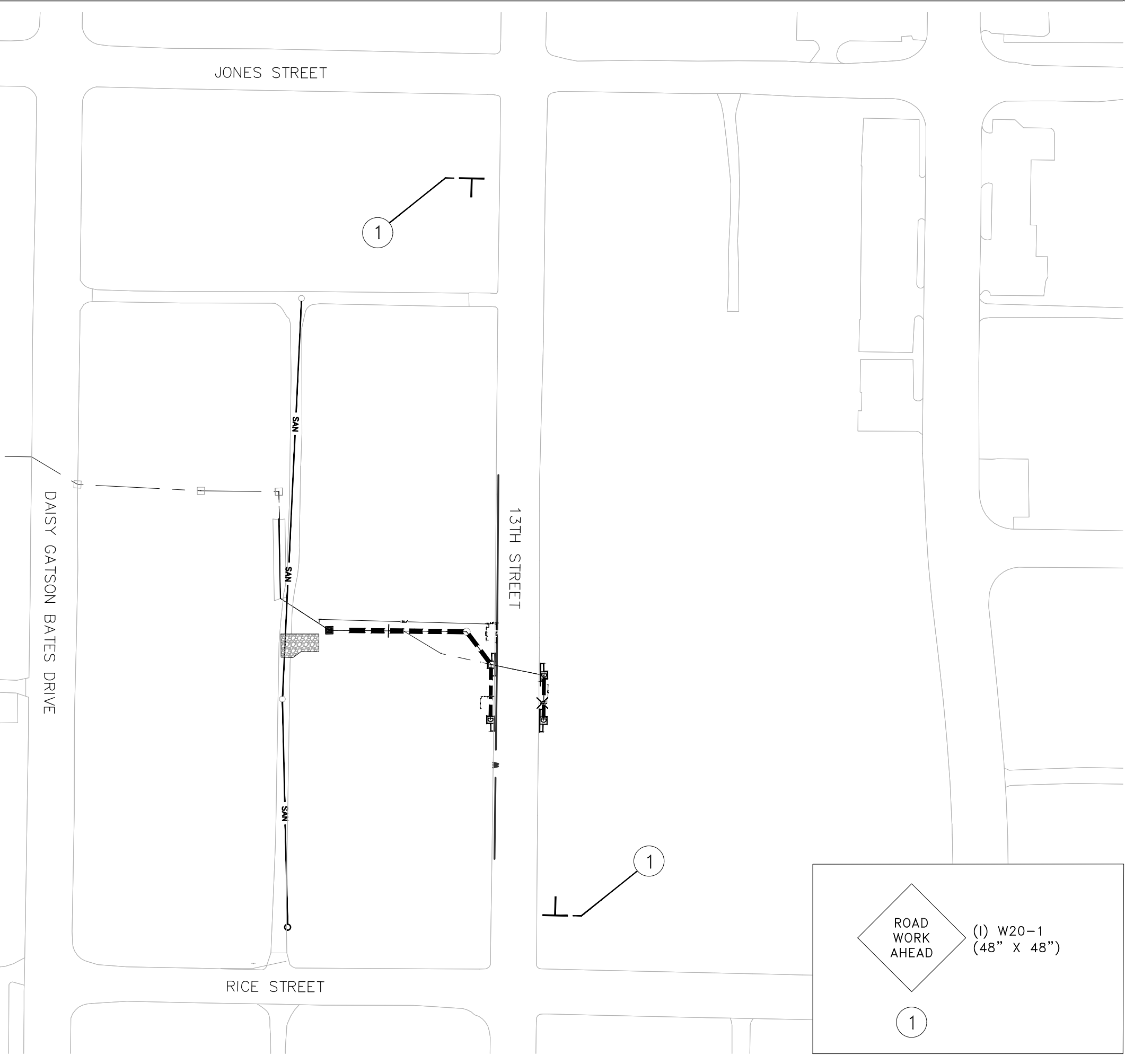
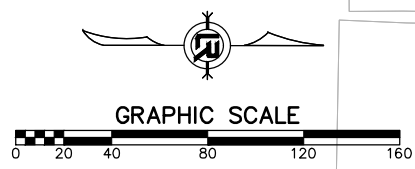
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 AES/HV  
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 AHR  
 CHECKED  
 CJM  
 DATE  
 07/12/2019  
 SCALE  
 1" = 40'  
 PROJECT NO.  
 CLR # 01-15-DR-1  
 SHEET NO.  
 C7

CONSTRUCTION SEQUENCE NOTES\_

1. INSTALL ADVANCE WARNING SIGNS AND DEVICES AS SHOWN.
2. CONSTRUCT PROJECT STA. 10+68 TO 13+05



ROAD WORK AHEAD

(I) W20-1  
(48" X 48")

1