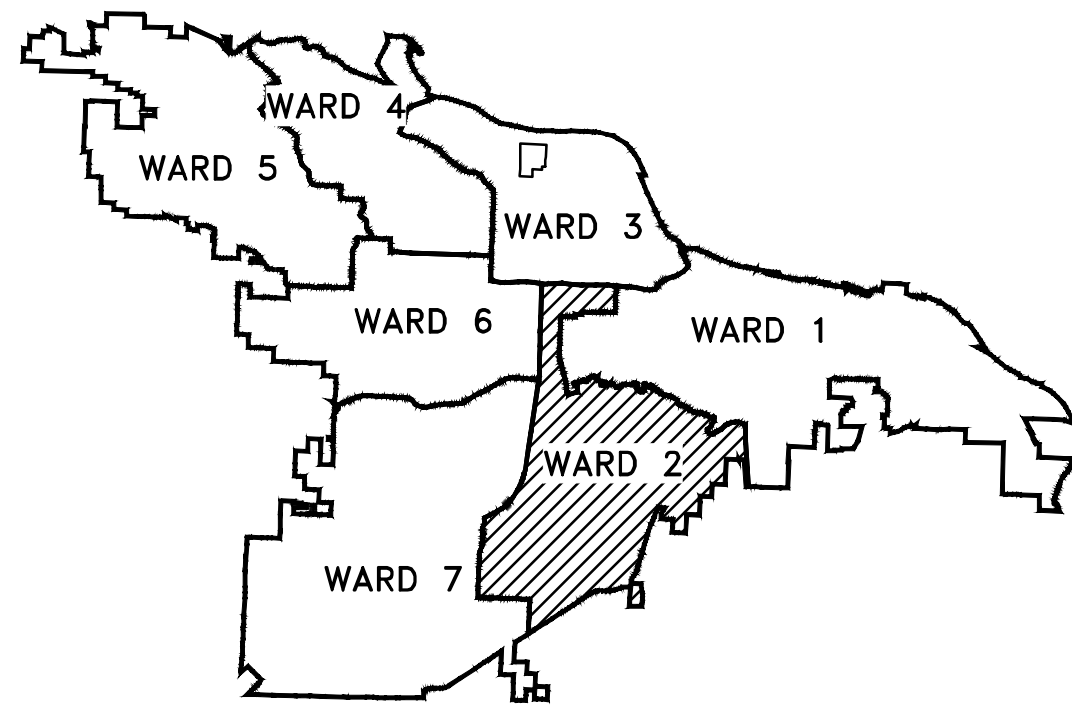


12TH STREET JUMP-START IMPROVEMENTS

ArDOT 061552

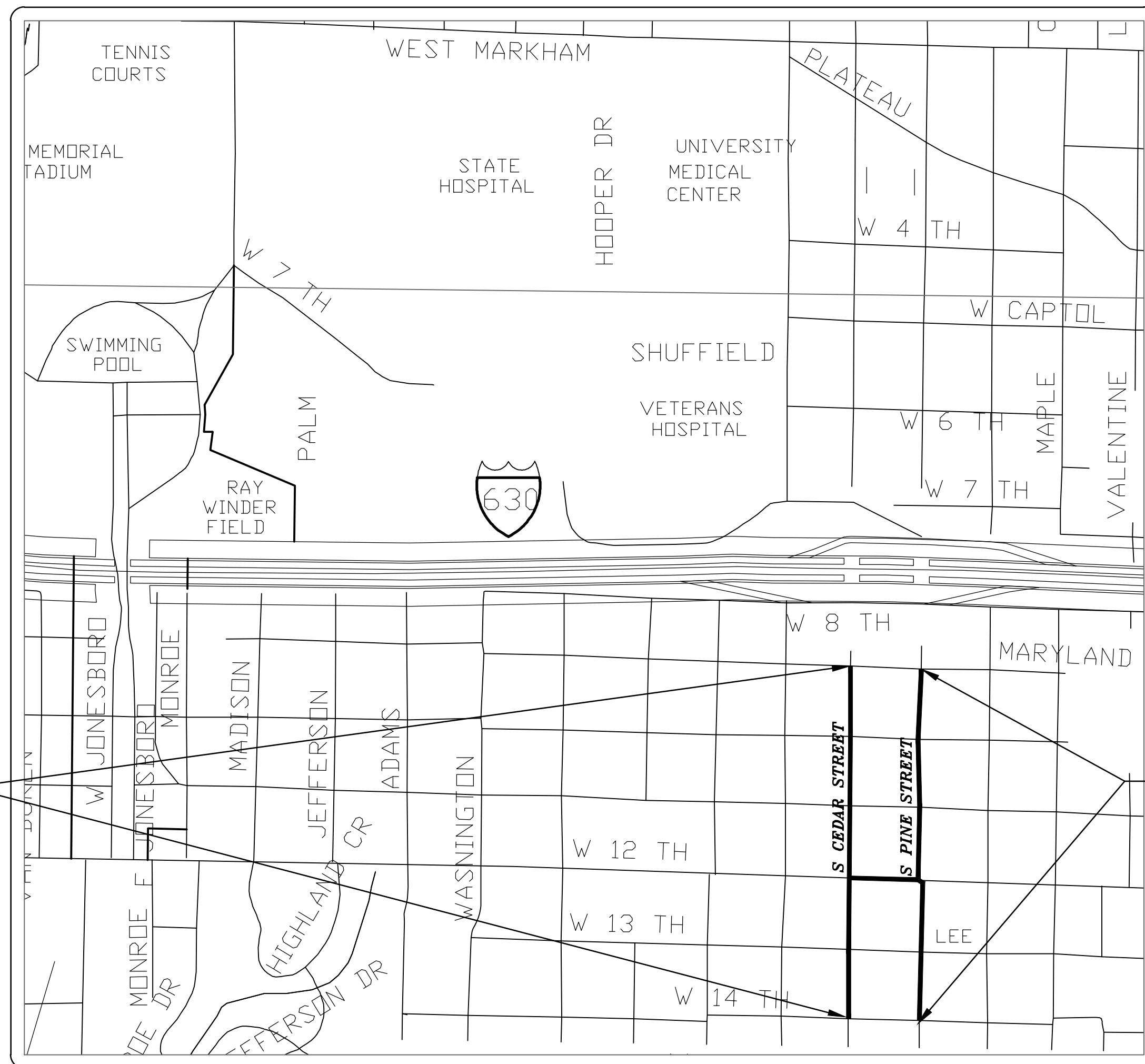
F.A.P. NO. STPU-9253(84) S CEDAR ST & S PINE ST FROM W 8TH ST TO W 14TH ST



PROJECT LOCATION - WARD 2



PROJECT
LOCATION



PROJECT
LOCATION

Sheet List Table

SHEET NUMBER	SHEET TITLE
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C2	QUANTITIES & DETAILS
C3	TYPICAL SECTIONS SHEET 1
C4	TYPICAL SECTIONS SHEET 2
C5	OVERALL PLAN 1 of 2
C6	OVERALL PLAN 2 of 2
C7	PINE STREET P&P SHEET 1
C8	PINE STREET P&P SHEET 2
C9	PINE STREET P&P SHEET 3
C10	PINE STREET P&P SHEET 4
C11	CEDAR STREET P&P SHEET 1
C12	CEDAR STREET P&P SHEET 2
C13	CEDAR STREET P&P SHEET 3
C14	CEDAR STREET P&P SHEET 4
C15	12TH STREET P&P
C16	14TH STREET P&P
C17	ALLEY DRAIN P&P
C18	SANITARY SEWER-CEDAR ST
C19	PINE STREET DRIVEWAYS - SHEET 1
C20	PINE STREET DRIVEWAYS - SHEET 2
C21	PINE STREET DRIVEWAYS - SHEET 3
C22	CEDAR STREET DRIVEWAYS - SHEET 1
C23	CEDAR STREET DRIVEWAYS - SHEET 2
C24	PINE ST CENTERLINE FIELD TIE-LAYOUT SHT 1
C25	PINE ST CENTERLINE FIELD TIE-LAYOUT SHT 2
C26	CEDAR ST CENTERLINE FIELD TIE-LAYOUT SHT 1
C27	CEDAR ST CENTERLINE FIELD TIE-LAYOUT SHT 2
C28	PINE STREET EROSION CONTROL SHEET 1
C29	PINE STREET EROSION CONTROL SHEET 2
C30	CEDAR STREET EROSION CONTROL SHEET 1
C31	CEDAR STREET EROSION CONTROL SHEET 2
C32	PINE STREET LIGHTING - SHEET 1
C33	PINE STREET LIGHTING - SHEET 2
C34	CEDAR STREET LIGHTING - SHEET 1
C35	CEDAR STREET LIGHTING - SHEET 2
C36	LIGHTING DETAILS & PANEL SCHEDULES
C37	PINE ST. STRIPING & SIGNAGE SHT. 1
C38	PINE ST. STRIPING & SIGNAGE SHT. 2
C39	CEDAR ST. STRIPING & SIGNAGE SHT. 1
C40	CEDAR ST. STRIPING & SIGNAGE SHT. 2
C41	PINE ST. PAVING PLAN SHT. 1
C42	PINE ST. PAVING PLAN SHT. 2
C43	CEDAR ST. PAVING PLAN SHT. 1
C44	CEDAR ST. PAVING PLAN SHT. 2
L1	PINE STREET LANDSCAPE PLAN SHEET 1
L2	PINE STREET LANDSCAPE PLAN SHEET 2
L3	CEDAR STREET LANDSCAPE PLAN SHEET 1
L4	CEDAR STREET LANDSCAPE PLAN SHEET 2
L5	LANDSCAPE DETAILS

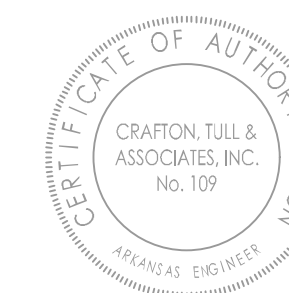
DESIGN TRAFFIC DATA

DESIGN YEAR-----2037
 2017 ADT-----4700
 2137 ADT-----5500
 TRUCKS-----1%
 DESIGN SPEED-----30 MPH

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

10825 Financial Center Parkway, Suite 300
 Little Rock, Arkansas 72211
Crafton Tull
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CERTIFICATE OF AUTHORIZATION:



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CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS

COVER SHEET



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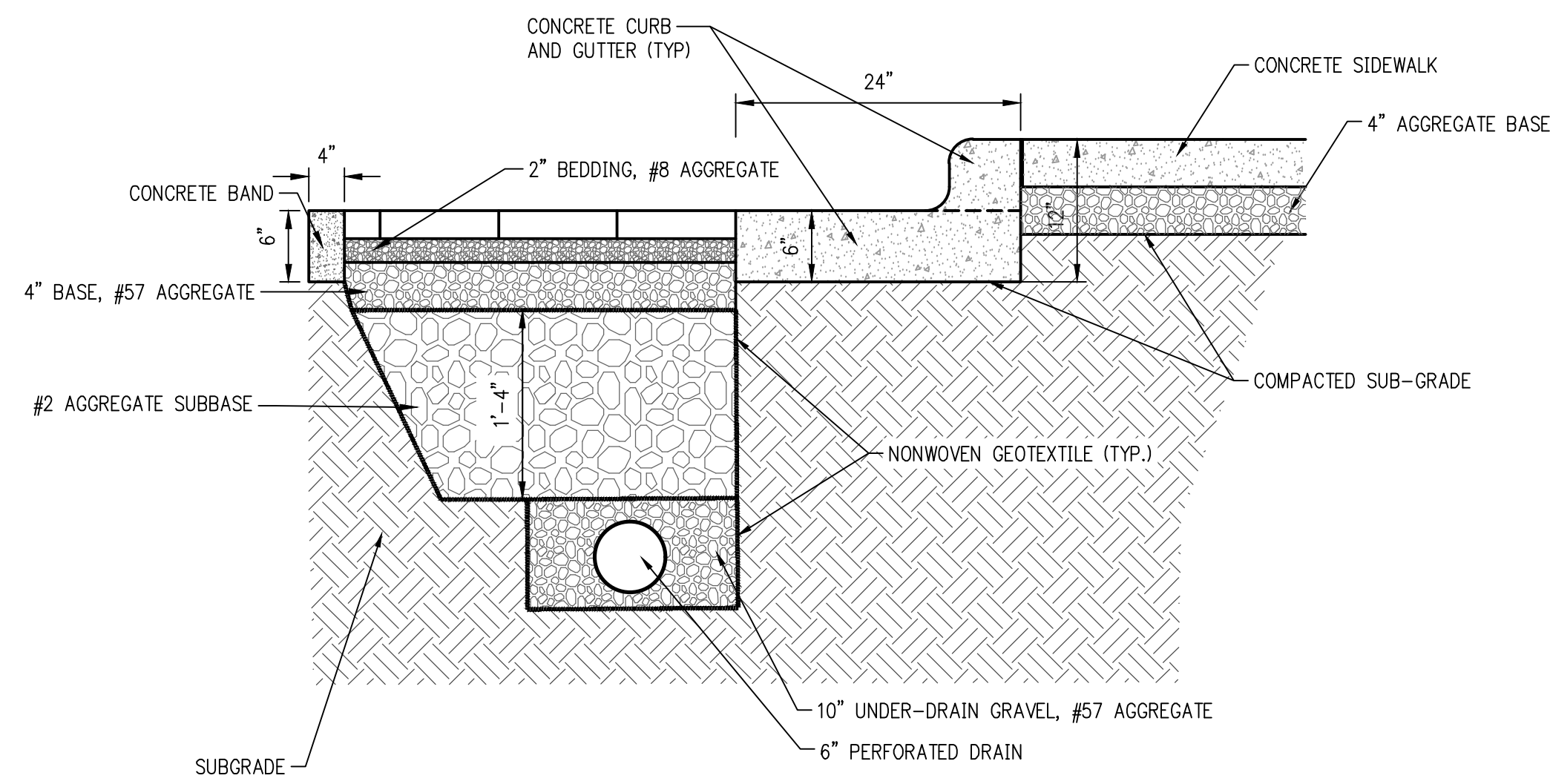
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061552

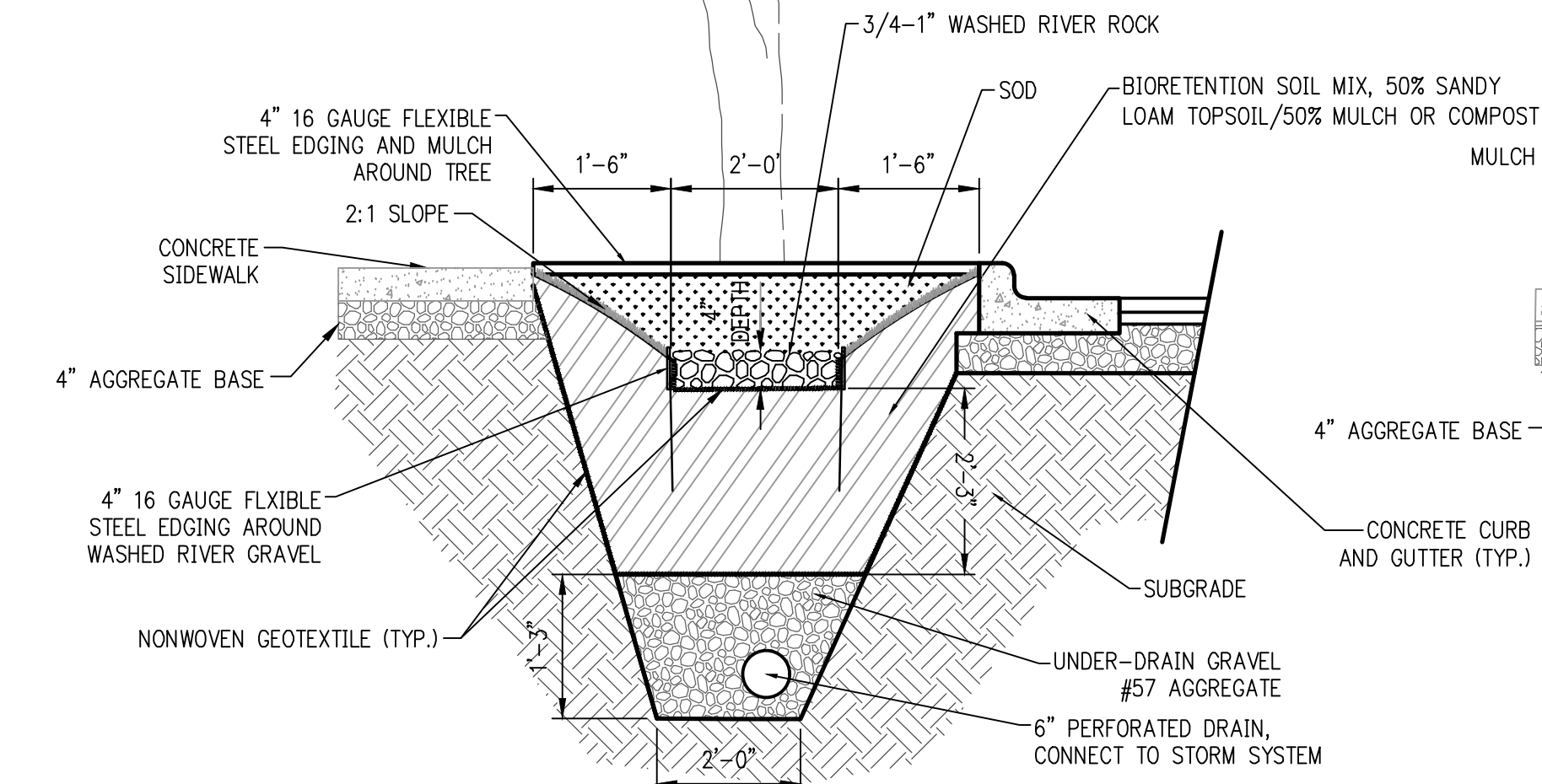
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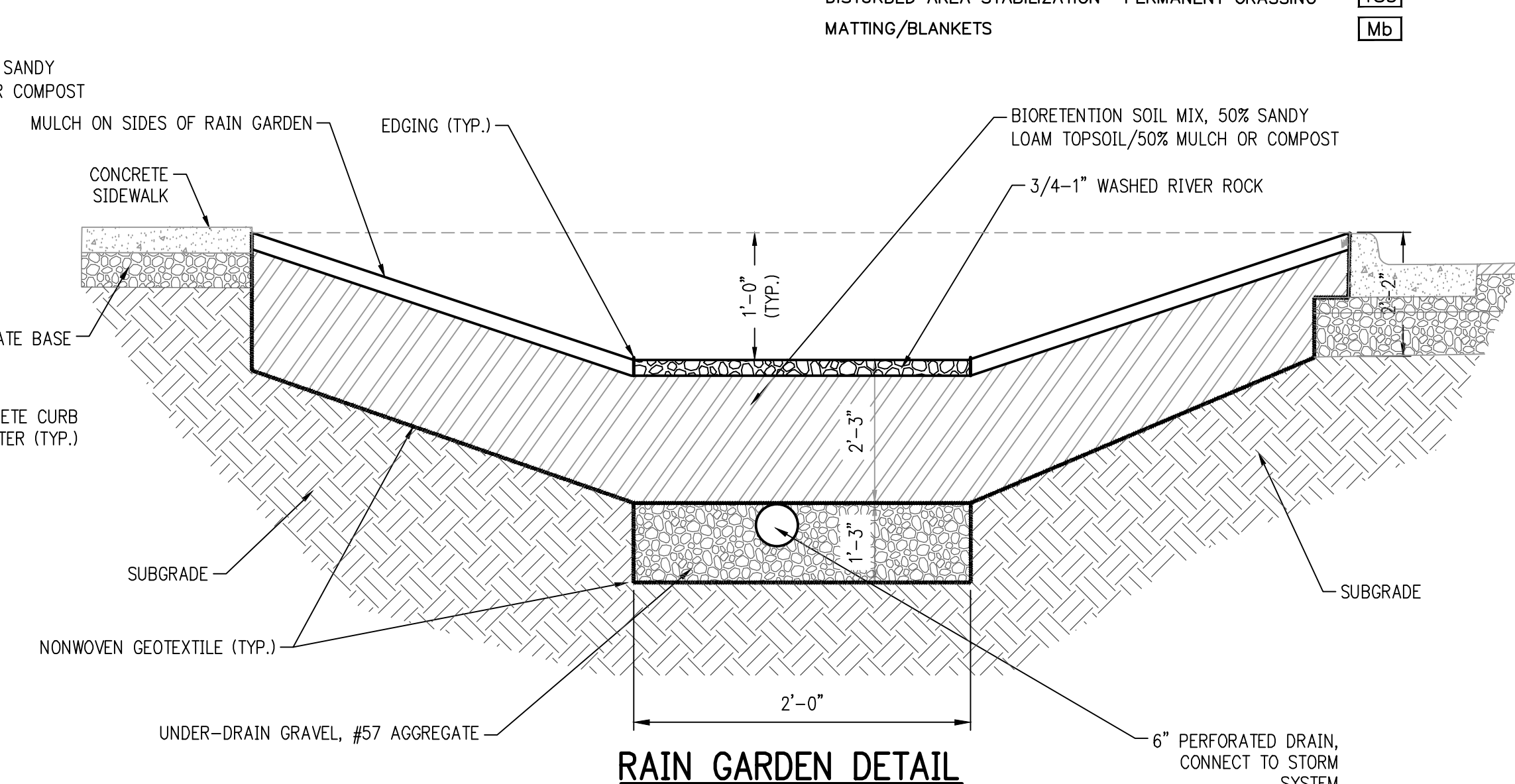
PROJECT 17808000			
12th STREET JUMP START IMPROVEMENTS			
12/20/2018			
ITEM NO.	DESCRIPTION OF ITEMS	CONTRACT QUANTITY	UNIT
2.01	SITE PREPARATION	1	L.S.
3.01	UNCLASSIFIED EXCAVATION	3250	C.Y.
3.30	BORROW MATERIAL	1000	C.Y.
4.01	AGGREGATE BASE COURSE	412	TON
5.01	TACK COAT	402	GAL
6.01	ACHM SURFACE COURSE	1333	TON
7.04	CONCRETE DRIVEWAY (6" THICK), STANDARD FINISH	7743	S.F.
8.03	CONCRETE CURB & GUTTER (CLASS 3)	5742	L.F.
8.04	4" CONCRETE BAND	711	L.F.
9.01	CONCRETE SIDEWALK (4" THICK)	35485	S.F.
9.02	CONCRETE STEPS	6	S.F.
10.01	JUNCTION BOX, 4' DIA. BARREL	2	EA
10.02	CURB INLET, 4' BOX	23	EA
10.04	REVERSE CURB INLET, 4' BOX	2	EA
10.07	WING 3' EXTENSION	32	EA
11.06	REINFORCED CONCRETE HEADWALL	1	C.Y.
11.20	REINFORCED CONCRETE RETAINING WALL	31	C.Y.
13.18S	STORM DRAIN PIPES, 18" (SIDE DRAIN)	1082	L.F.
13.18C	STORM DRAIN PIPES, 18" (CROSS DRAIN)	725	L.F.
13.24S	STORM DRAIN PIPES, 24" (SIDE DRAIN)	559	L.F.
13.24C	STORM DRAIN PIPES, 24" (CROSS DRAIN)	97	L.F.
13.06	6" PERFORATED PIPE (UNDERDRAIN)	4633	L.F.
14.01	SOLID SODDING (BERMUDA)	684	S.Y.
16.01	MAINTENANCE OF TRAFFIC	1	L.S.
18.01	FENCING	251	L.F.
18.09	ACCESS RAMP (TYPE 2)	1246	S.F.
18.09	ACCESS RAMP (TYPE 3)	80	S.F.
18.10	WATER FOR DUST CONTROL	5000	GAL
19.01	FINAL CLEAN UP	1	L.S.
24.01	SILT FENCE, TYPE A (SFA)	2546	L.F.
24.02	CHECK DAM (CD)	100	C.Y.
24.03	SEDIMENT BARRIER, SILT FENCE (SD1)	24	EA
24.05	SEDIMENT BARRIER, BLOCK & GRAVEL (SD3)	32	EA
24.06	DISTURBED AREA STABILIZATION (TS2)	3	AC
26.10	TRENCH & EXCAVATION SAFETY	1	L.S.
27.10	COLD MILLING ASPHALT PAVEMENT	8041	S.Y.
47.00	GEOTEXTILE FABRIC (NON-WOVEN)	1147	S.Y.
49.00	TOPSOIL	114	C.Y.
50.4W	THERMOPLASTIC PAVEMENT MARKING, WHITE (4')	1115	L.F.
50.72W	THERMOPLASTIC PAVEMENT MARKING, BRICK CROSSWALK (6')	6204	S.F.
50.24W	THERMOPLASTIC PAVEMENT MARKING, WHITE (24')	2158	L.F.
50.60	THERMOPLASTIC PAVEMENT MARKING, ARROWS	4	EA
52.00	PROJECT INFORMATION KIOSK	1	EA
710.01	NON-METALLIC CONDUIT, PVC (3')	2797	L.F.
711.01	PULL BOX (TYPE II)	26	EA
726.01	STANDARD SIGN	25	S.F.
729.01	CHANNEL POST SIGN SUPPORT (TYPE A)	5	EA
SP-1	4' DIA SANITARY MANHOLE	2	EA
SP-2	8" SDR-35 SEWER MAIN	49	L.F.
SP-3	PERVIOUS CONCRETE PAVER	5988	S.F.
SP-4	#2 AGGREGATE BASE	741	TON
SP-5	#8 AGGREGATE BASE	82	TON
SP-6	#57 AGGREGATE BACKFILL	2516	TON
SP-7	BIORETENTION SOIL MIX	1288	C.Y.
SP-8	TREES, PLANTINGS, MULCH & DECORATIVE STONE	1	L.S.
SP-9	STREET LIGHT BASE, POLE, & FIXTURE	26	EA
SP-10	ELECTRIC CONDUCTORS IN CONDUIT	8671	L.F.
SP-11	VANDAL RESISTANT PULL BOX INSERTS	26	EA
SP-12	SERVICE POINT ASSEMBLY	2	EA
SP-13	RIVER ROCK	94	TON



PERMEABLE PARKING/PERVIOUS CURB & GUTTER AT SIDEWALK
NTS



FILTRATION TRENCH DETAIL
NTS

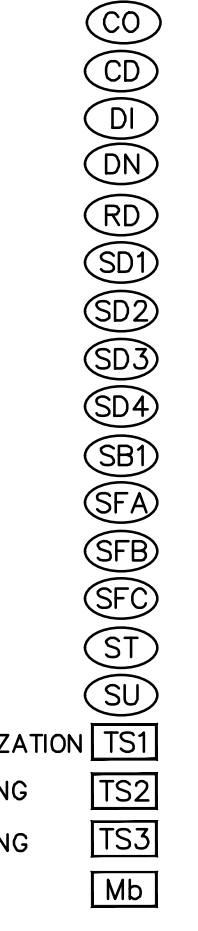
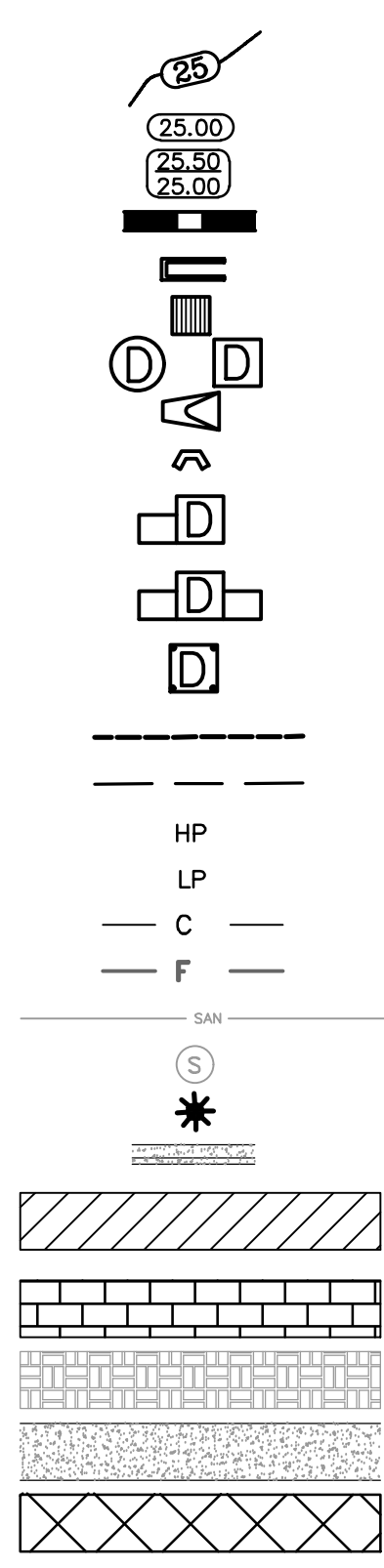


RAIN GARDEN DETAIL
NTS

EXISTING PROPOSED

- IRON ROD ○ IR
- PK NAIL ○ PK
- R.R. SPIKE ○ RR(Sp)
- CONC. MONUMENT □ CM
- WATER VALVE X 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 —
- SANITARY SEWER MANHOLE —
- TELEPHONE MANHOLE —
- ELECTRIC MANHOLE —
- 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 —
- OVERHEAD UTILITY —
- UNDERGROUND TELEPHONE —
- UNDERGROUND ELECTRIC —
- WATER LINE —
- SEWER LINE —
- GAS LINE —
- STORM SEWER/CULVERT —
- CONTOUR LINE —

- CONTOUR
- SPOT ELEVATION
- SPOT CURB ELEVATION
- STORM SEWER - PIPE
- 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
- 6" PERFORATED PIPE
- GRADE BREAK LINE
- HIGH POINT
- LOW POINT
- CUT LINE
- FILL LINE
- SANITARY SEWER PIPE
- SANITARY SEWER MANHOLE
- LIGHT POLE
- CURB
- CURB CUT W/LOCAL DEPRESSION
- THERMOPLASTIC CROSSWALK
- PERVIOUS PAVER
- CONCRETE
- ASPHALT PAVEMENT
- CONSTRUCTION - ENTRANCE/EXIT
- CHECK DAM
- DIVERSION BERM
- DOWNDRAIN STRUCTURE - TEMPORARY
- ROCK DAM
- SEDIMENT BARRIER - SILT FENCE
- SEDIMENT BARRIER - GRAVEL RING
- SEDIMENT BARRIER - BLOCK & GRAVEL
- SEDIMENT BARRIER - BLOCK
- TEMPORARY SEDIMENT BASIN
- SILT FENCE - TYPE A
- SILT FENCE - TYPE B
- SILT FENCE - TYPE C
- STORM DRAIN OUTLET PROTECTION
- SURFACE ROUGHENING
- DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION
- DISTURBED AREA STABILIZATION - TEMPORARY GRASSING
- DISTURBED AREA STABILIZATION - PERMANENT GRASSING
- MATTING/BLANKETS



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 QUANTITIES & DETAILS

DEPARTMENT OF PUBLIC WORKS
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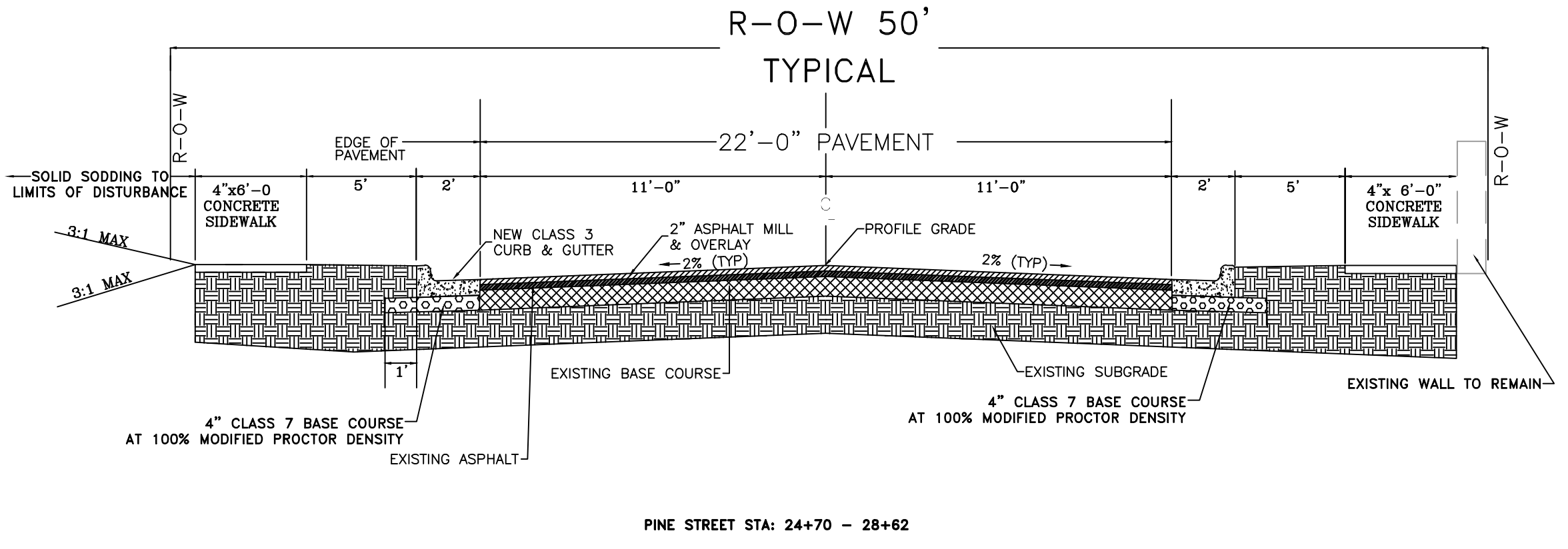
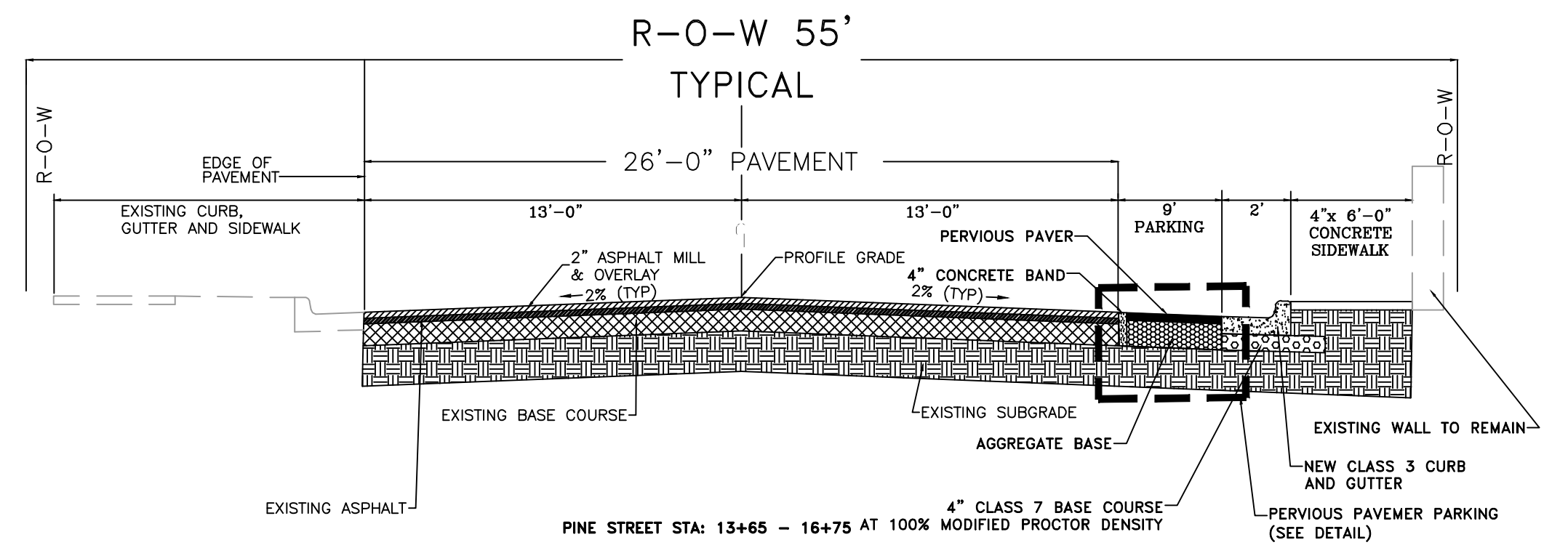
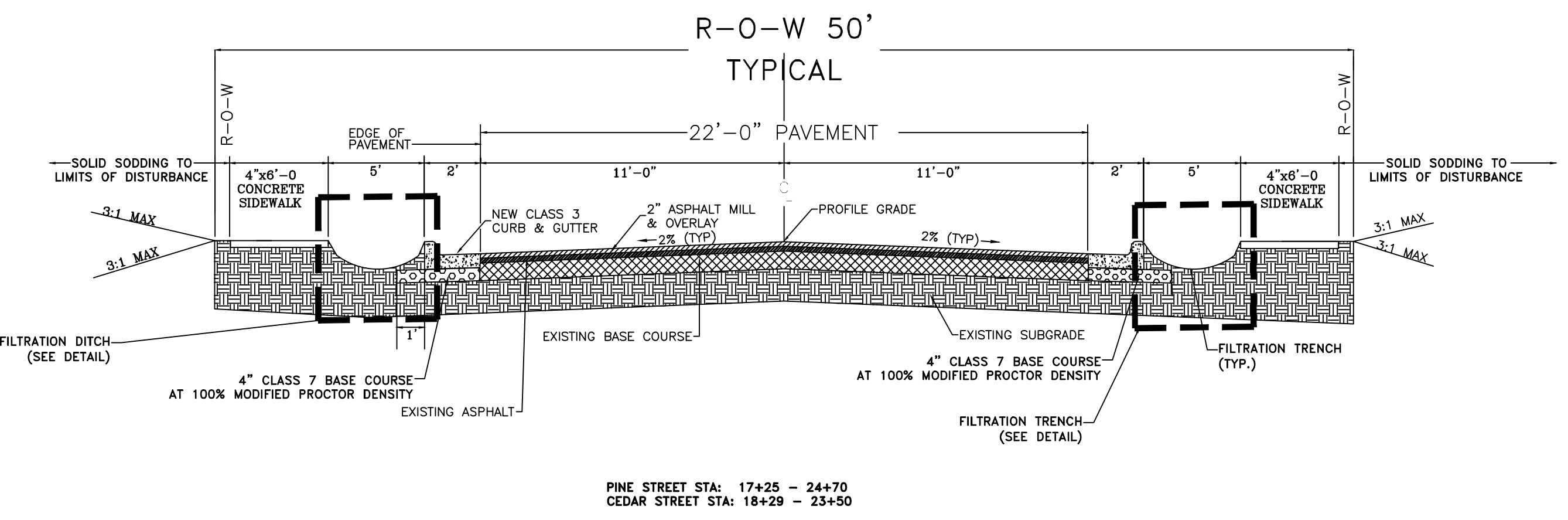
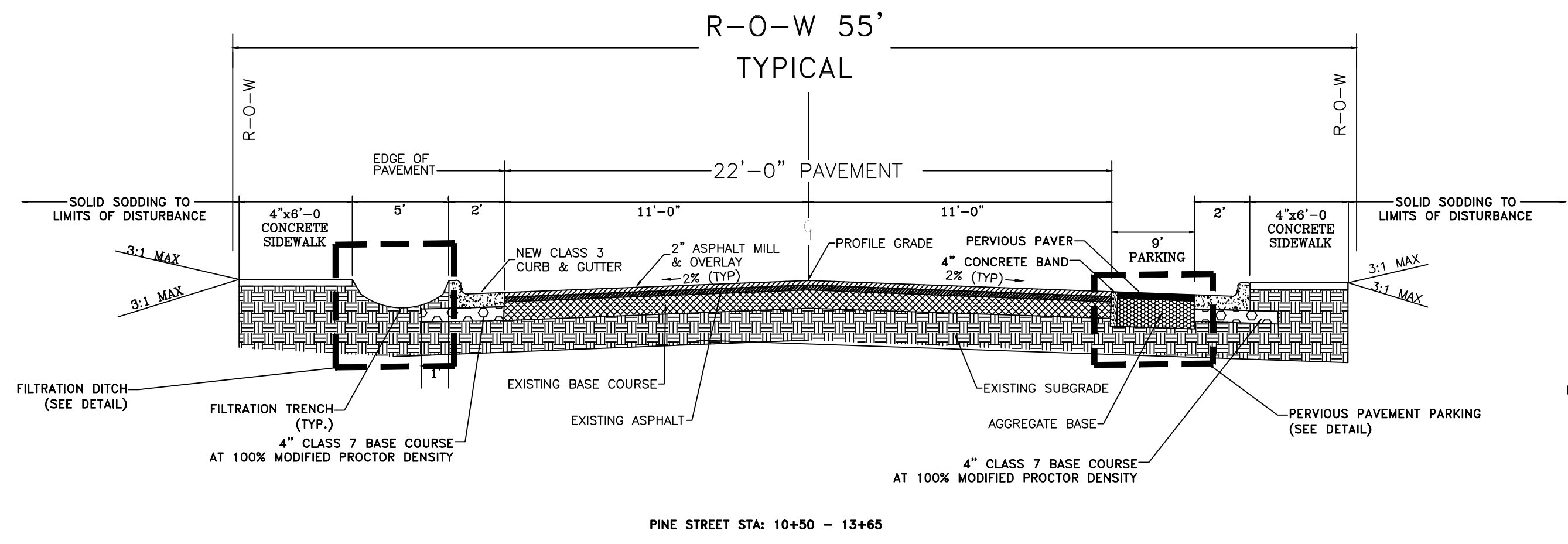
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 061552
 SHEET NO.
 C2

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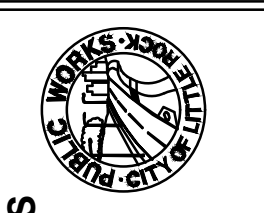
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CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS

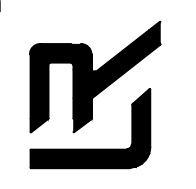
TYPICAL SECTIONS SHEET 1



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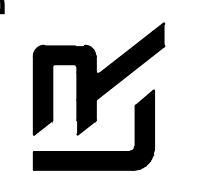
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061552
SHEET NO.
C3

REVISIONS	DATE

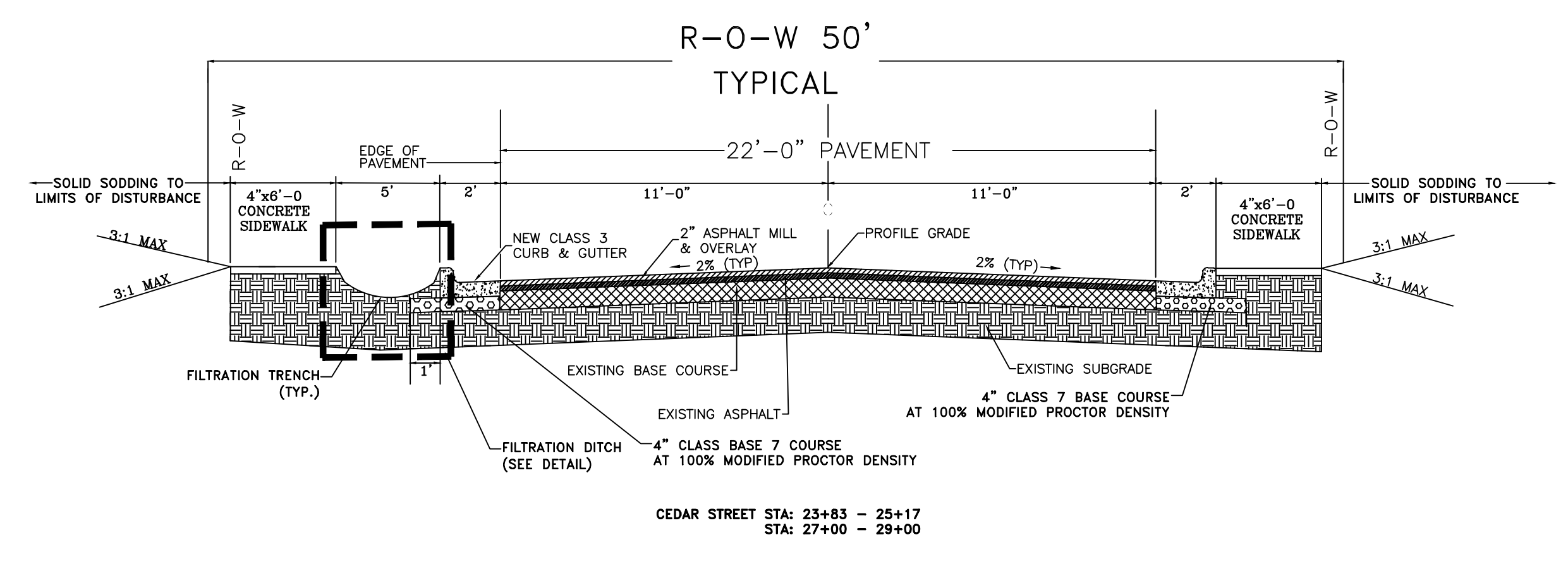
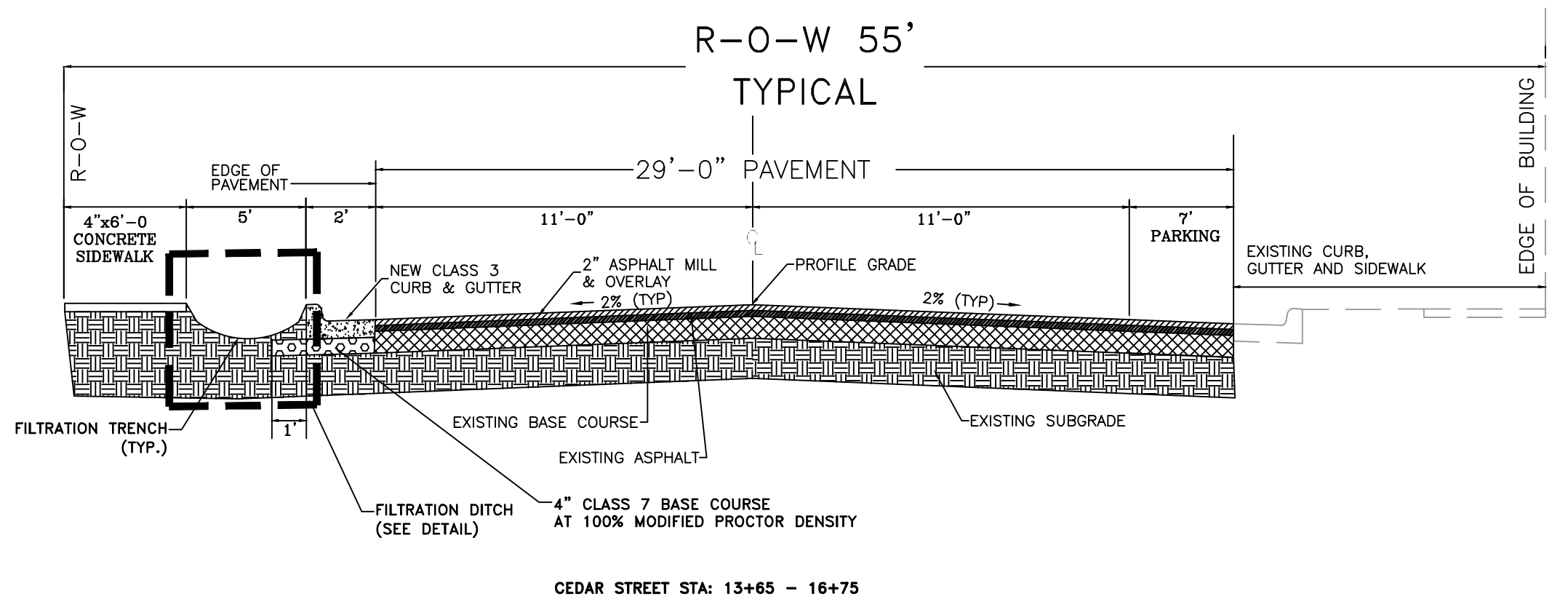
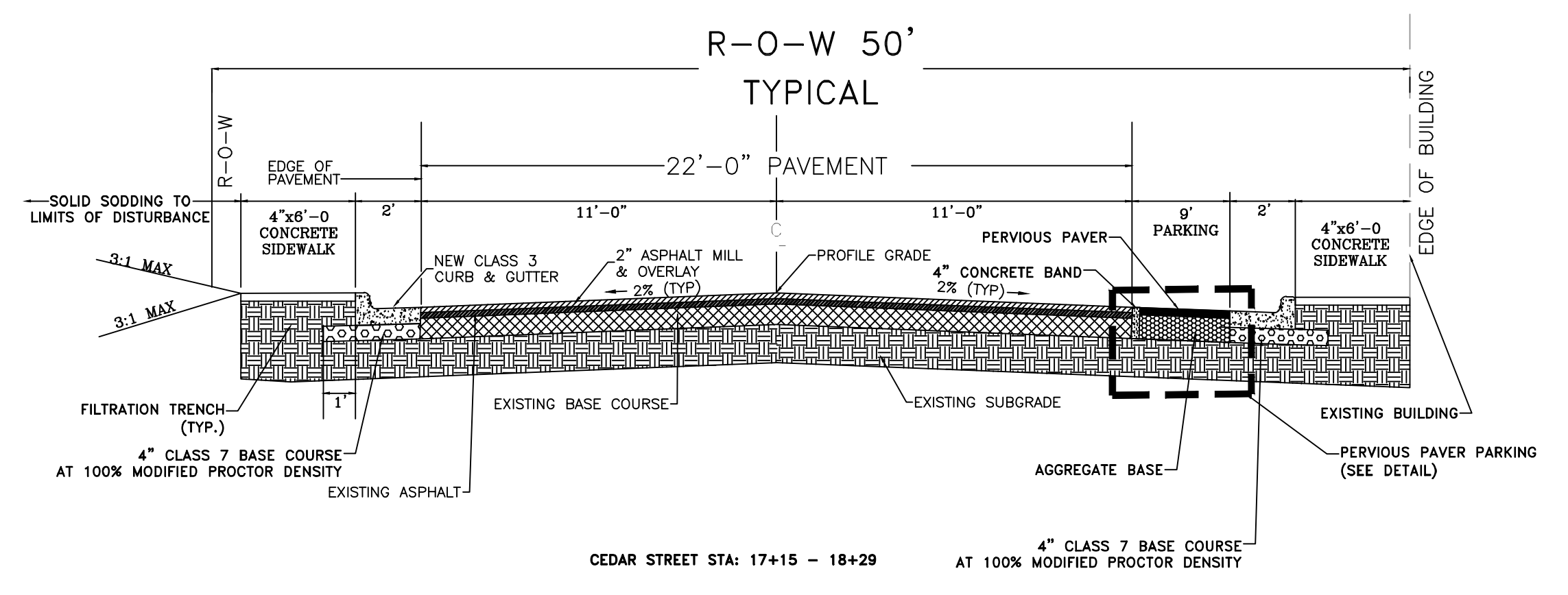
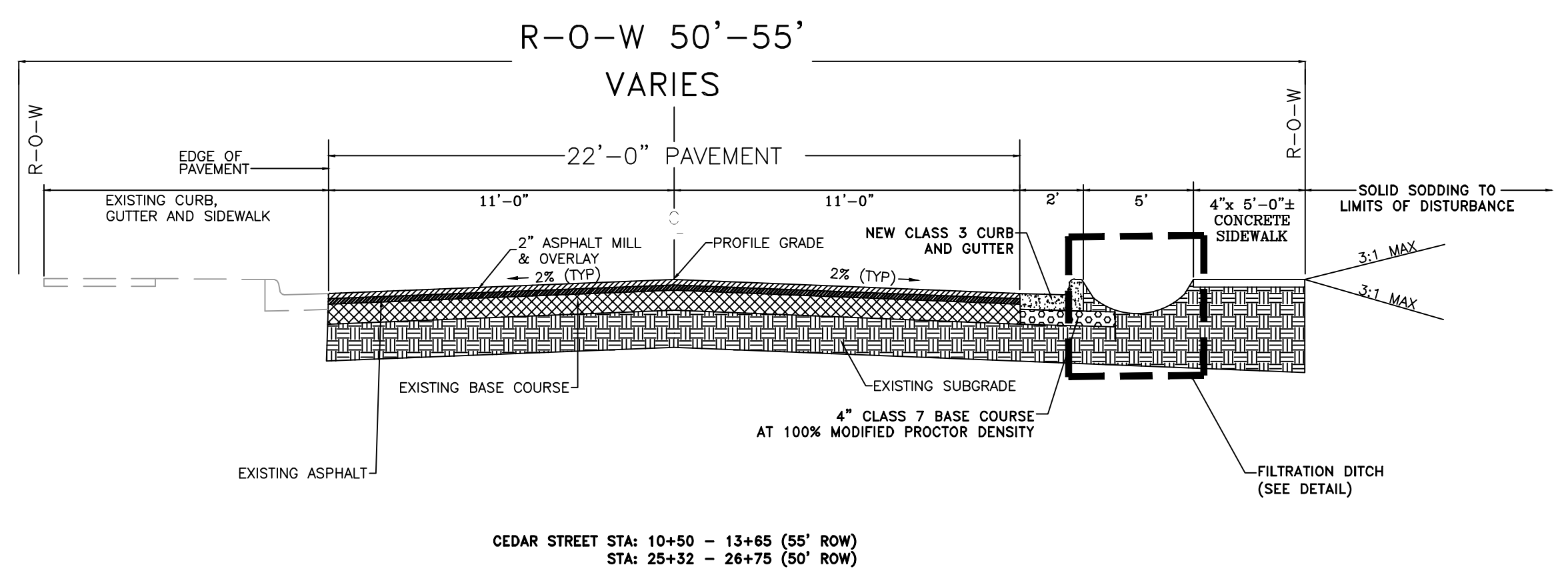
CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
TYPICAL SECTIONS SHEET 2

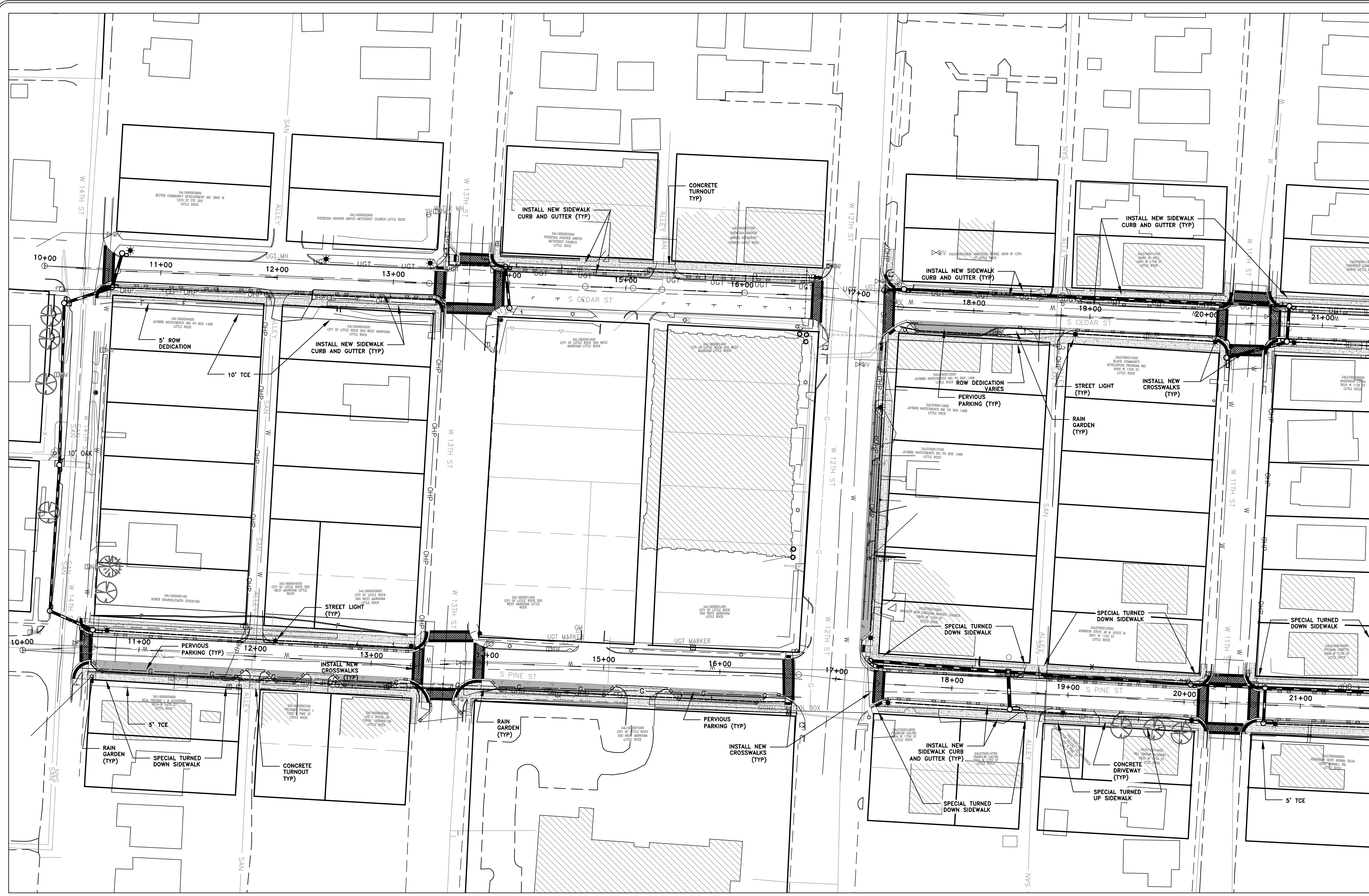

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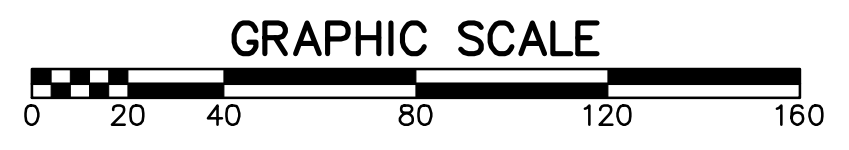
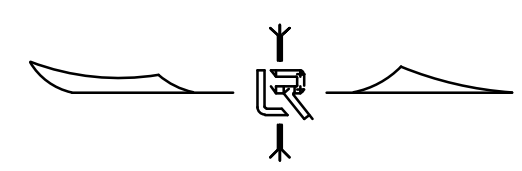
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 SHEET NO.
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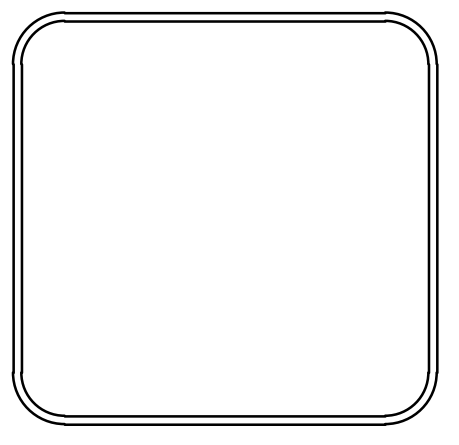
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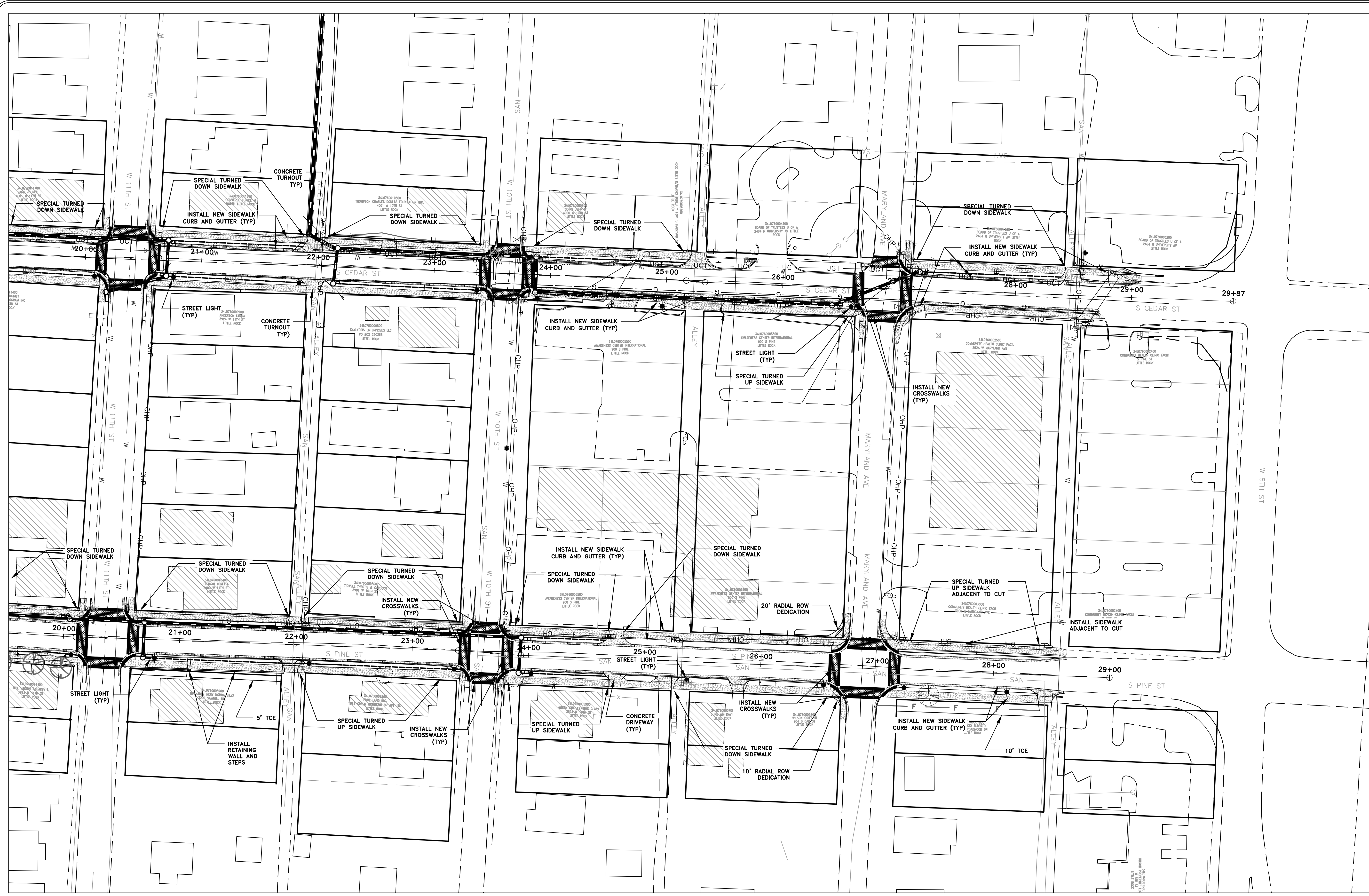
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CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
OVERALL PLAN 1 of 2

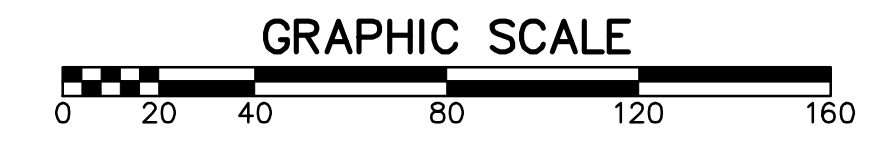
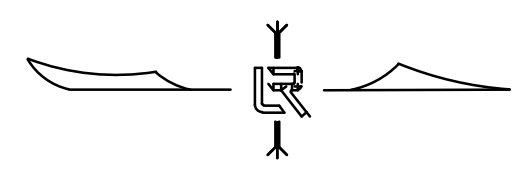

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SCALE 1" = 40'
PROJECT NO. 061552
SHEET NO. C5




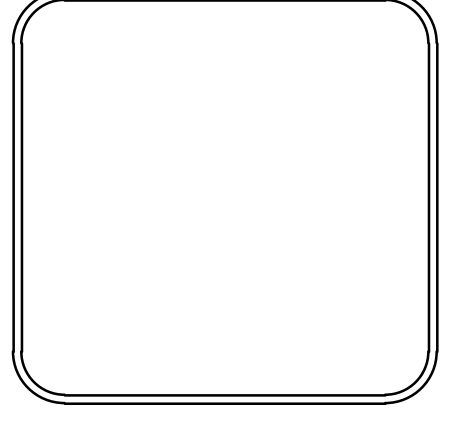
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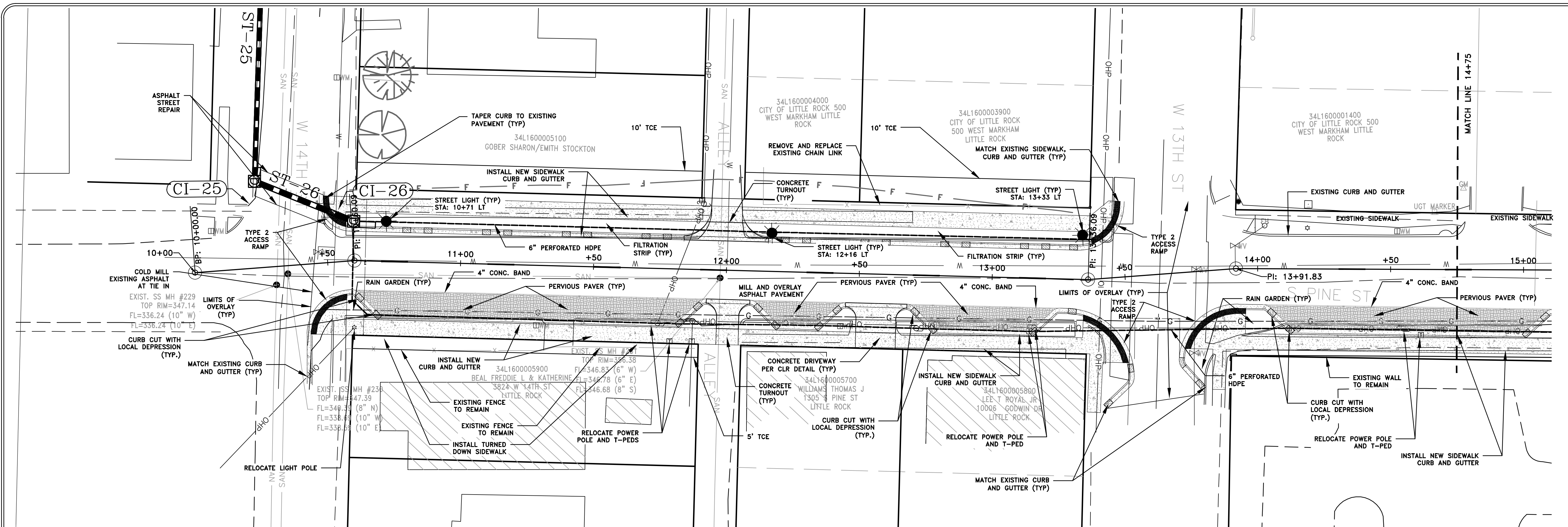
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
OVERALL PLAN 2 of 2


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 CIVIL ENGINEERING
 701 W. MARKHAM
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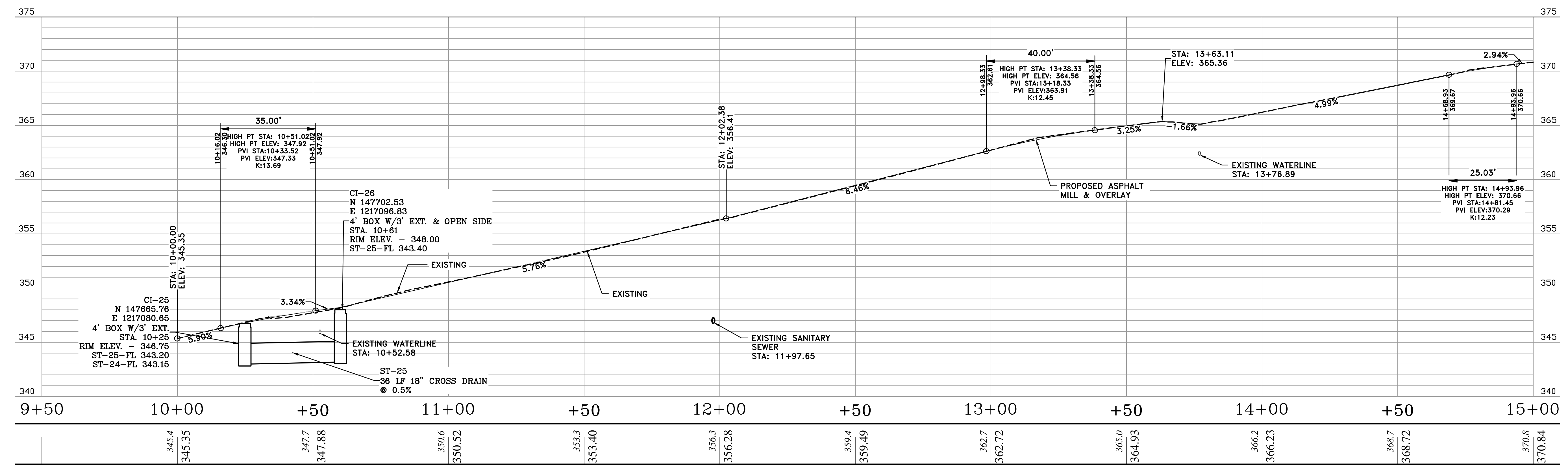
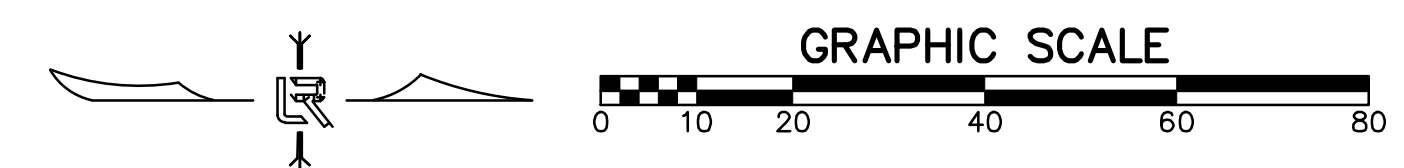
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DESIGNED	TDF
CHECKED	BAP
DATE	08-13-2018
SCALE	1" = 40'
PROJECT NO.	061552
SHEET NO.	C6



BENCHMARK TABLE

POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
5	SET PK NAIL	148035.32	1217100.05	365.67
6	SET PK NAIL	148685.40	1217182.15	379.92
7	SET PK NAIL	149031.13	1217144.34	397.29


90% SUBMITTAL

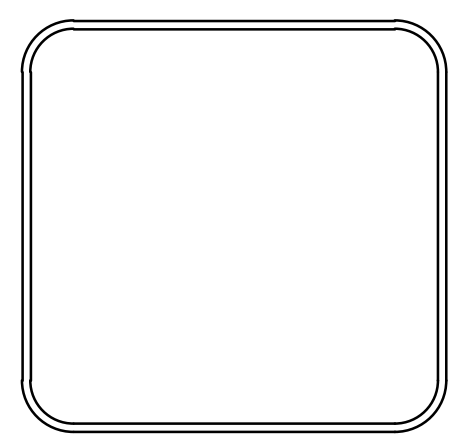


PINE ST

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
 PINE STREET P&P SHEET 1
 STA 10+00 TO 15+00


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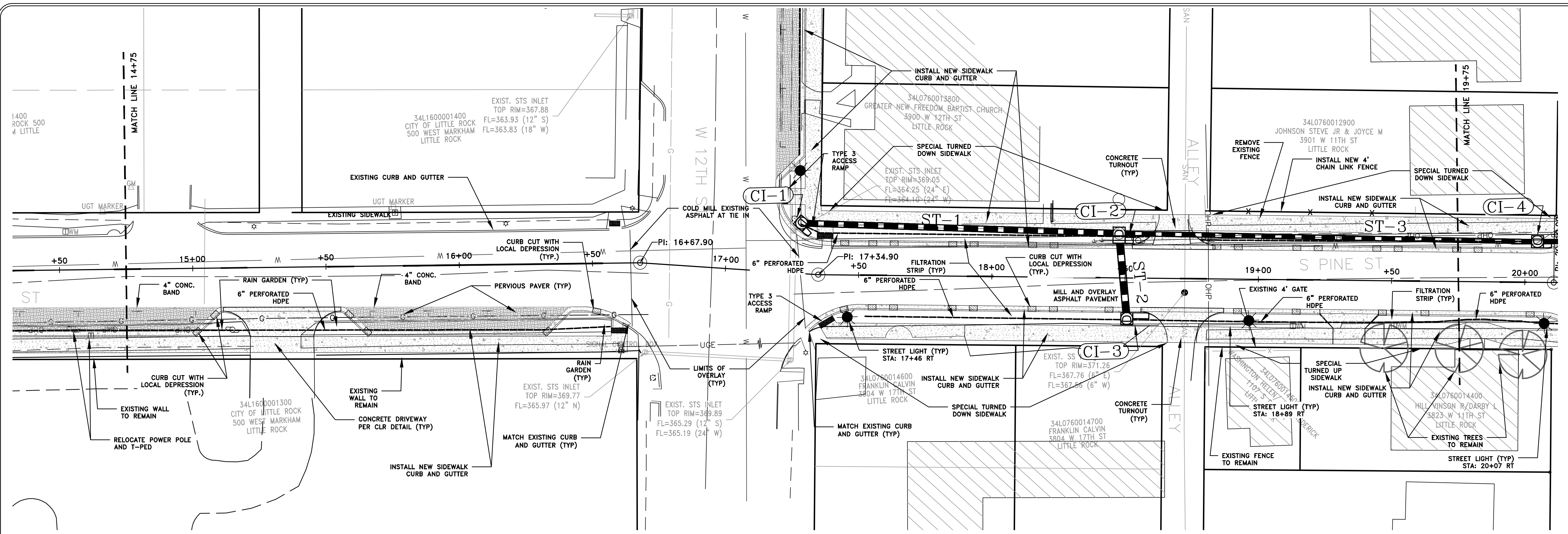
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DATE	08-13-2018
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	061552
SHEET NO.	C7

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
 PINE STREET P&P SHEET 2
 STA 14+50 TO 20+00

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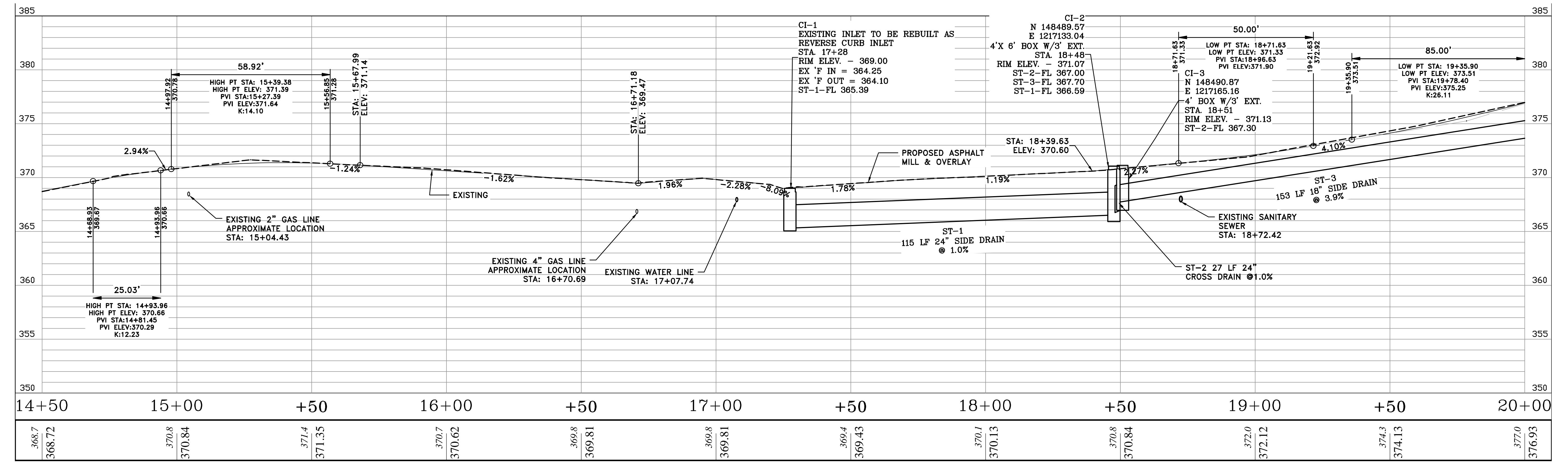
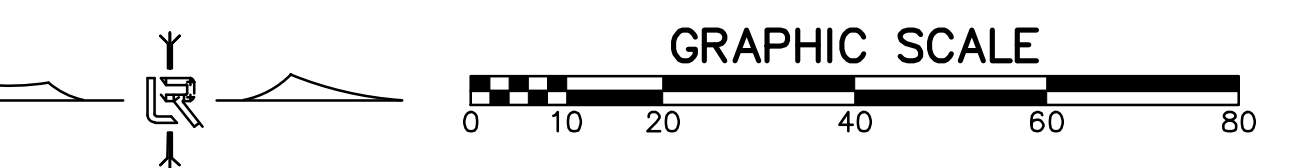
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CHECKED
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DATE
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SCALE
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 V: 1"=5'
PROJECT NO.
 061552
SHEET NO.
 C8



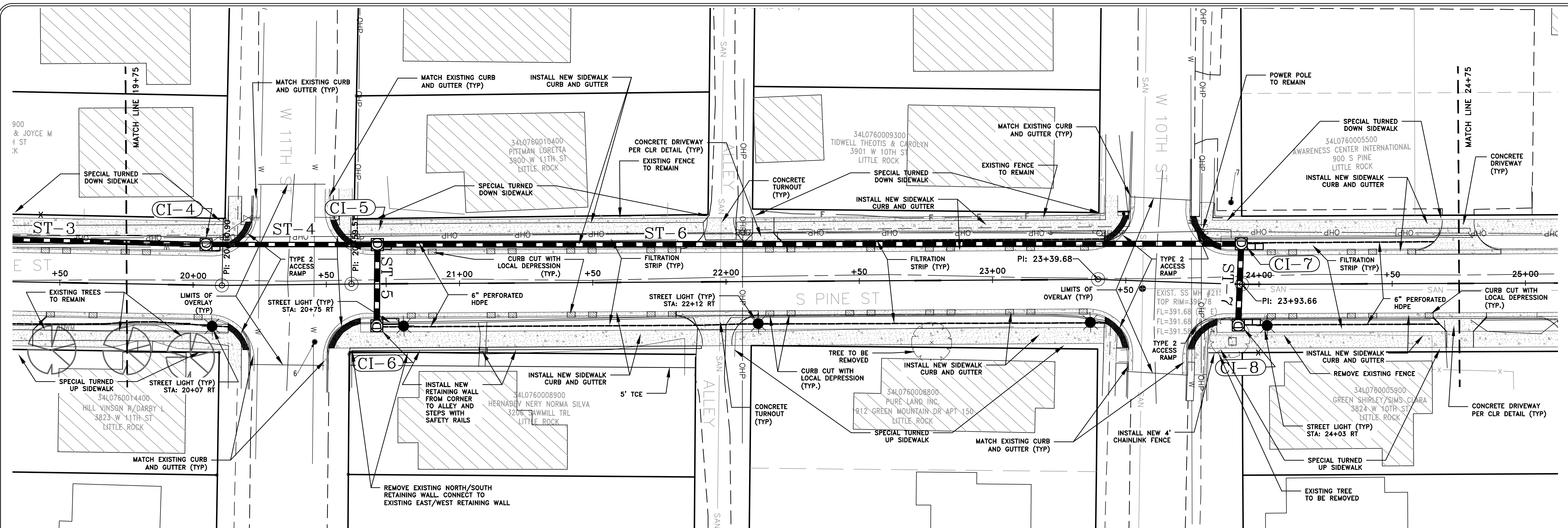
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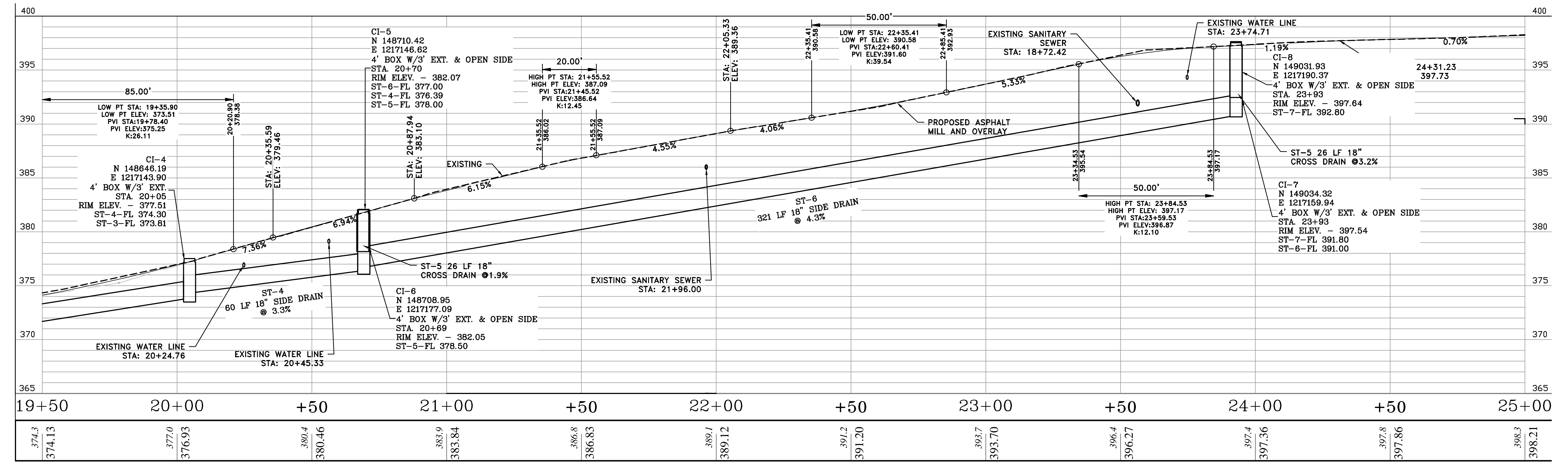
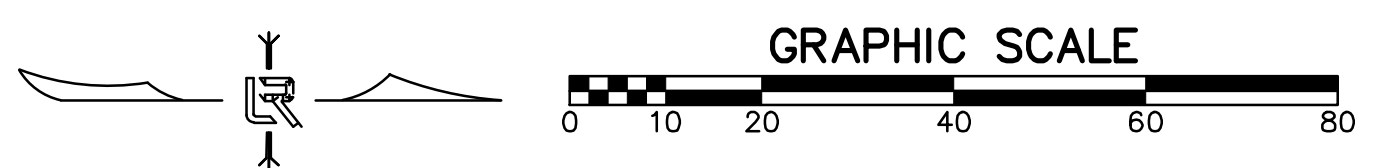
PINE ST



BENCHMARK TABLE

POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
5	SET PK NAIL	148035.32	1217100.05	365.67
6	SET PK NAIL	148685.40	1217182.15	379.92
7	SET PK NAIL	149031.13	1217144.34	397.29


90% SUBMITTAL



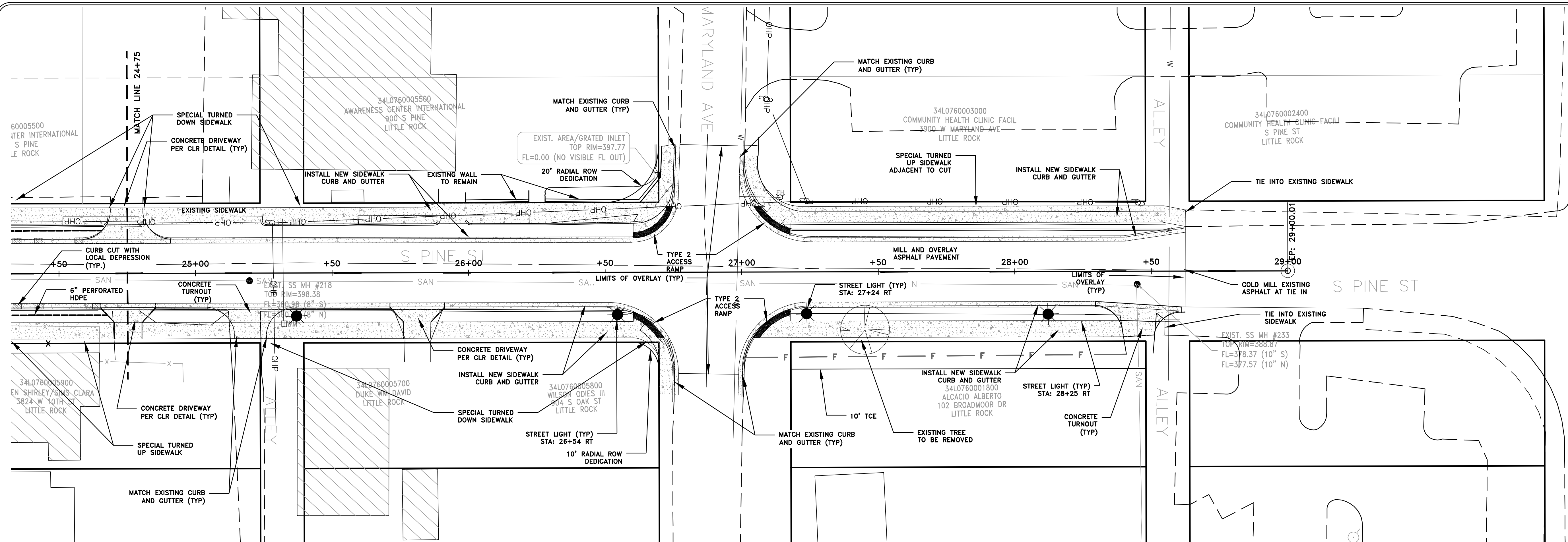
PINE ST

REVISIONS	DATE

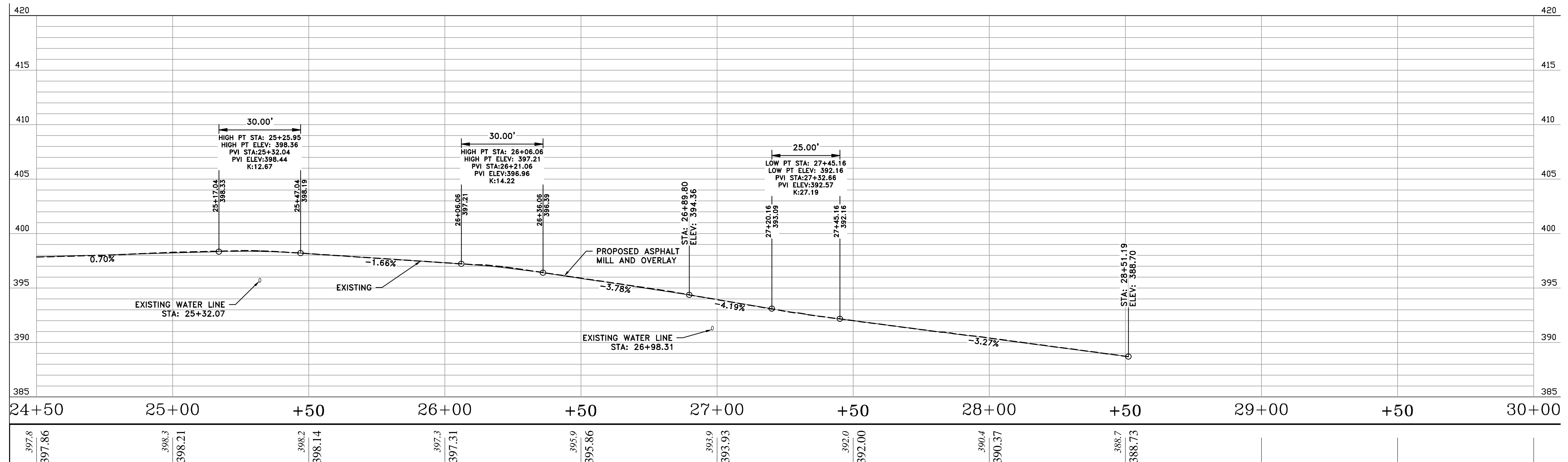
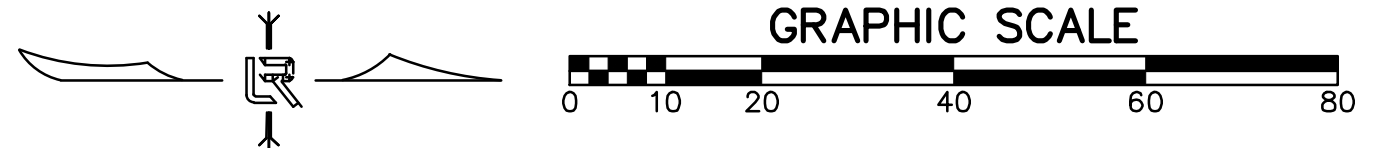
CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
 PINE STREET P&P SHEET 3
 STA 19+50 TO 25+00


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CHECKED	BAP
DATE	08-13-2018
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	061552
SHEET NO.	C9



90% SUBMITTAL

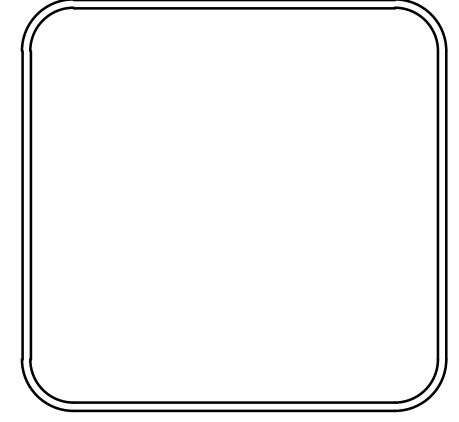


PINE ST

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE STREET P&P SHEET 4
 STA 24+50 TO 30+00

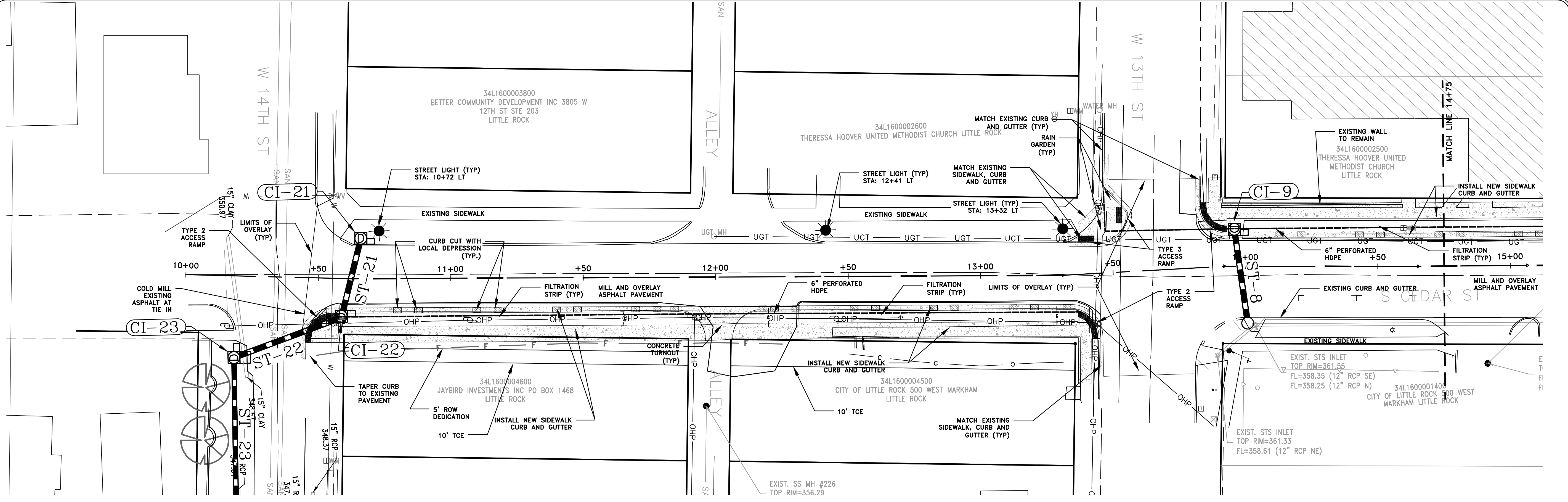
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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 LITTLE ROCK, ARKANSAS 72201



DRAWN BY	TH
DESIGNED	TDF
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DATE	08-13-2018
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	061552
SHEET NO.	C10

REVISIONS	DATE

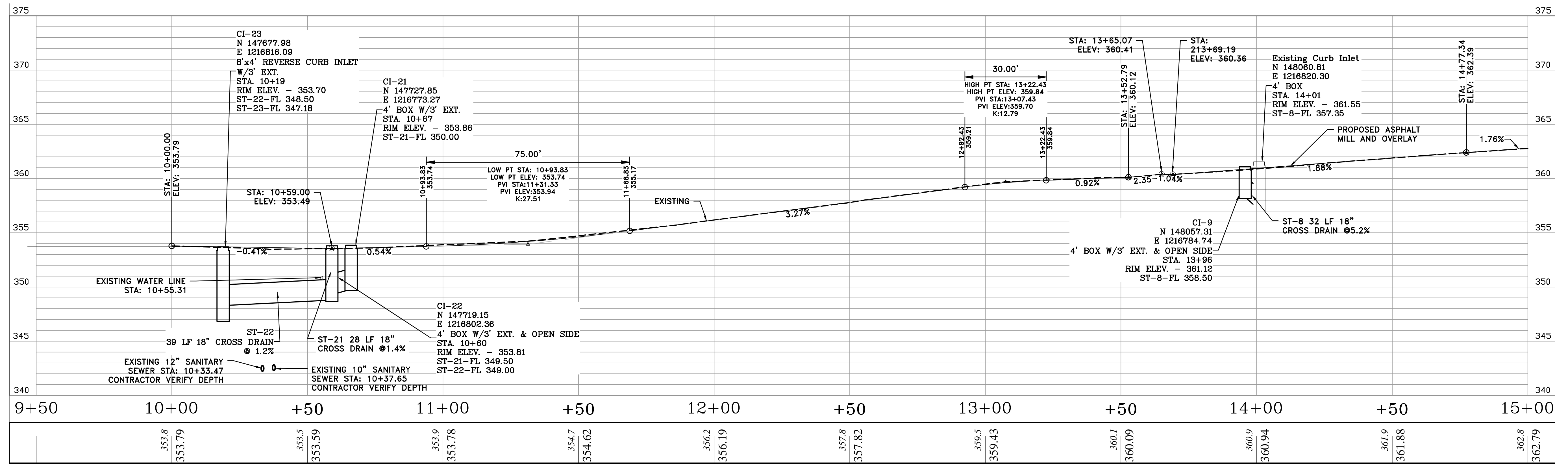
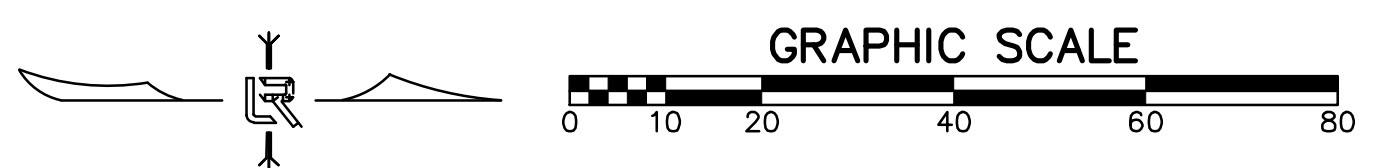
CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
CEDAR STREET P&P SHEET 1
 STA 10+00 TO 15+00



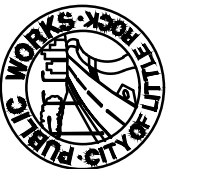
BENCHMARK TABLE

POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	SET PK NAIL	149519.07	1216829.44	407.05
2	SET PK NAIL	149006.75	1216866.62	383.25
3	SET PK NAIL	148681.26	1216853.42	369.45
4	SET PK NAIL	148053.37	1216830.41	361.36

90% SUBMITTAL

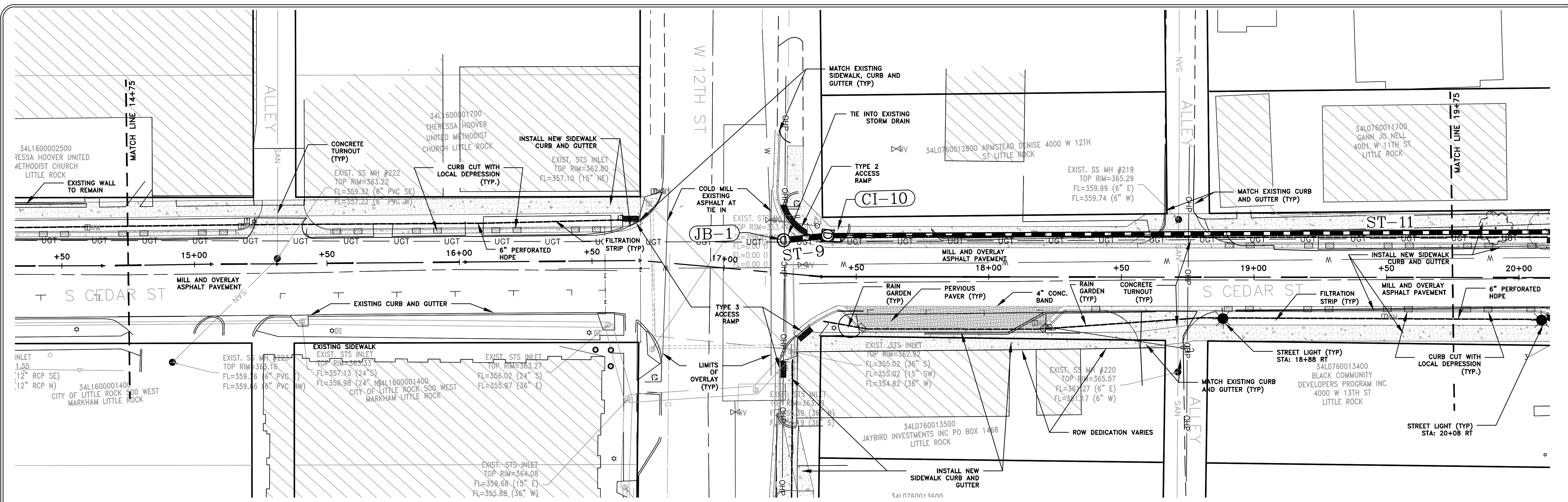


CEDAR ST


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DATE
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SCALE
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 V: 1"=5'
PROJECT NO.
 061552
SHEET NO.
 C11

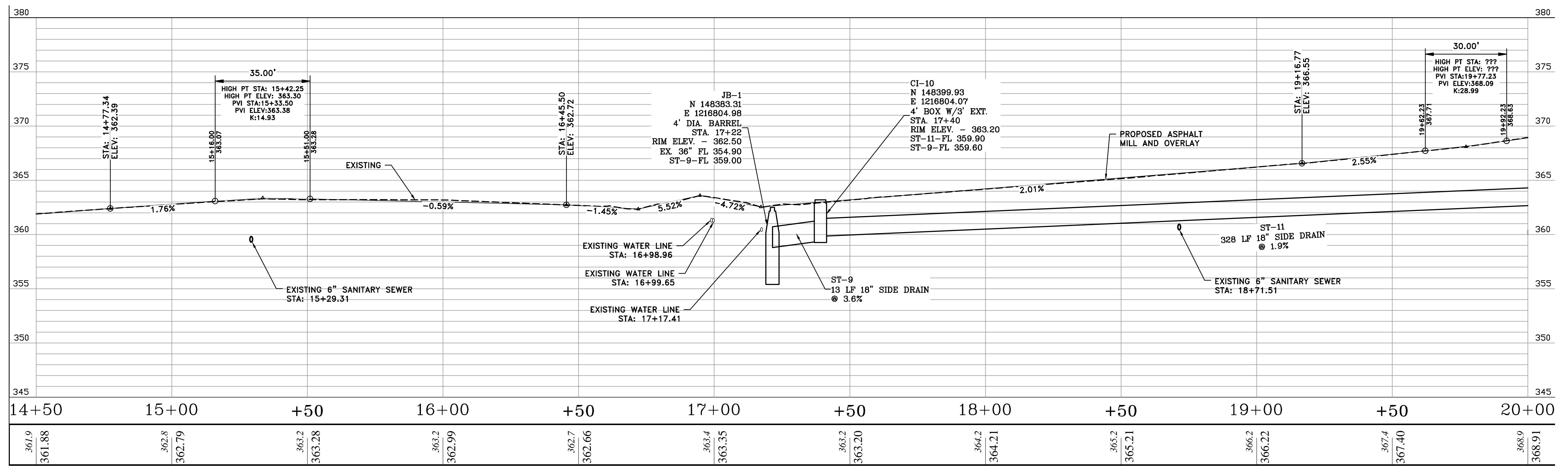
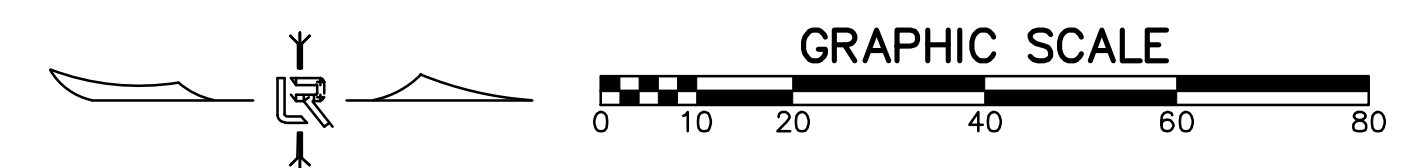
REVISIONS	DATE



BENCHMARK TABLE


POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	SET PK NAIL	149519.07	1216829.44	407.05
2	SET PK NAIL	149006.75	1216866.62	383.25
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4	SET PK NAIL	148053.37	1216830.41	361.36

90% SUBMITTAL

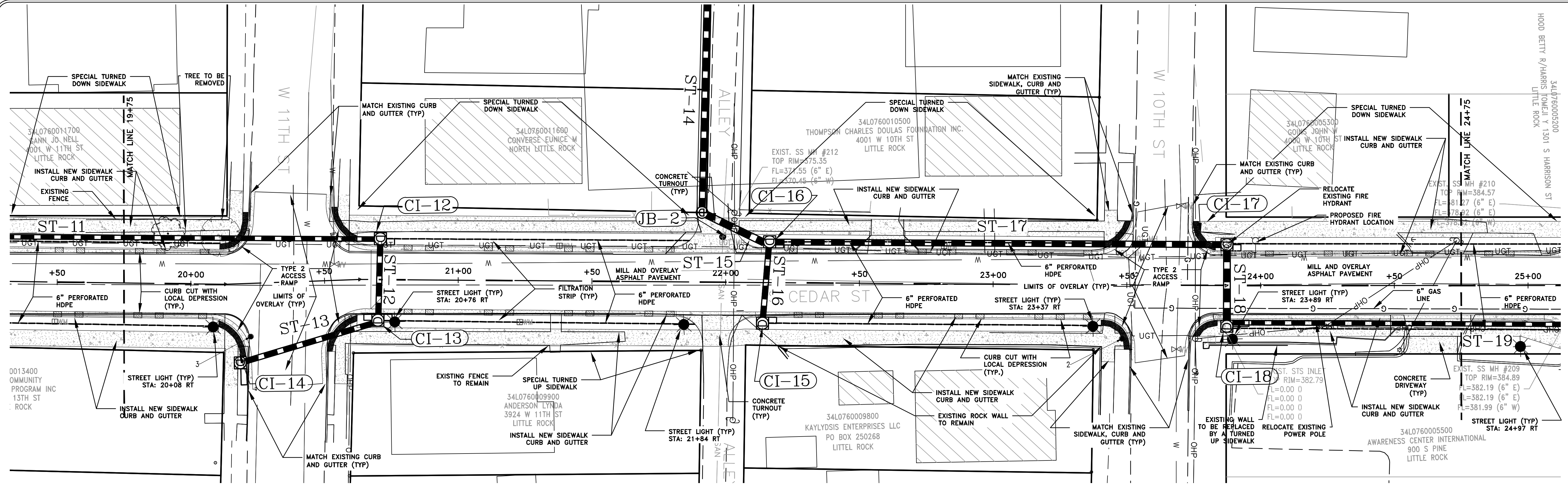


CEDAR ST

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
CEDAR STREET P&P SHEET 2
STA 14+50 TO 20+00


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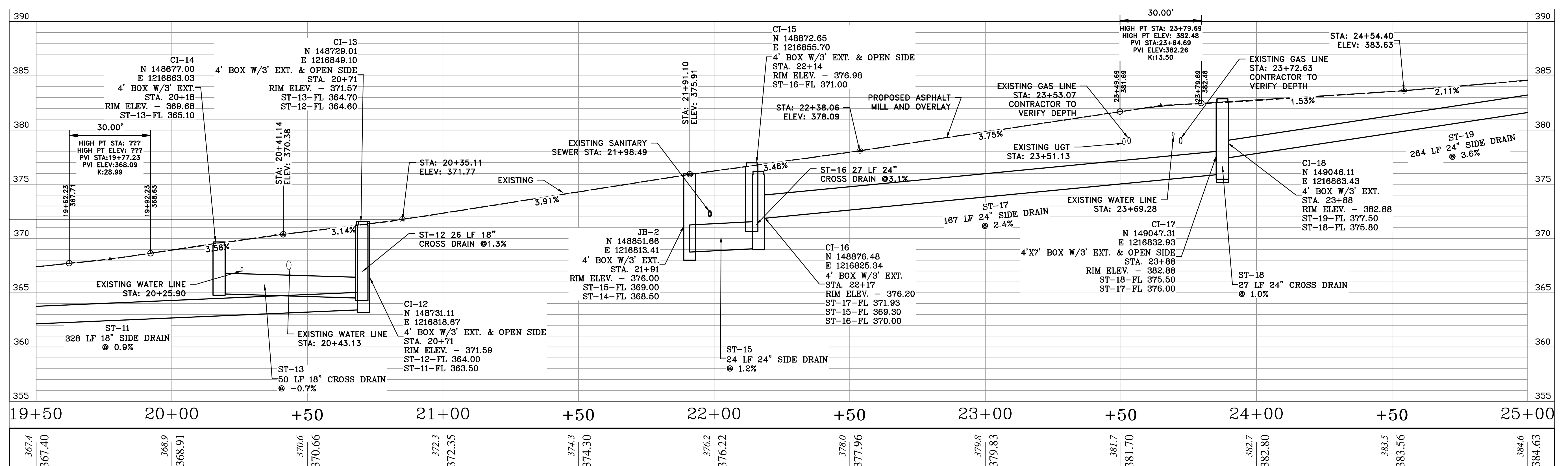
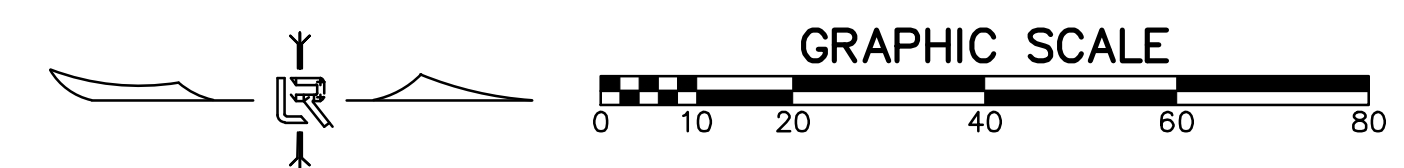
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 CHECKED
 BAP
 DATE
 08-13-2018
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
C12



BENCHMARK TABLE

POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
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2	SET PK NAIL	149006.75	1216866.62	383.25
3	SET PK NAIL	148681.26	1216853.42	369.45
4	SET PK NAIL	148053.37	1216830.41	361.36


90% SUBMITTAL



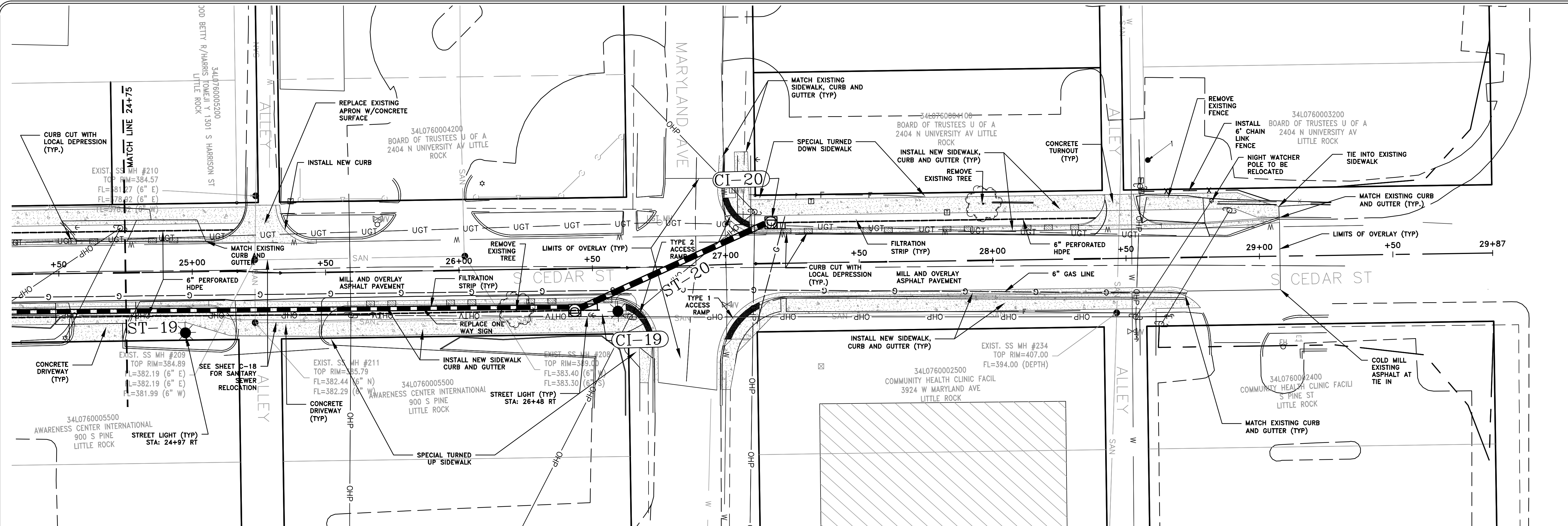
CEDAR ST

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 CEDAR STREET P&P SHEET 3
 STA 19+50 TO 25+00


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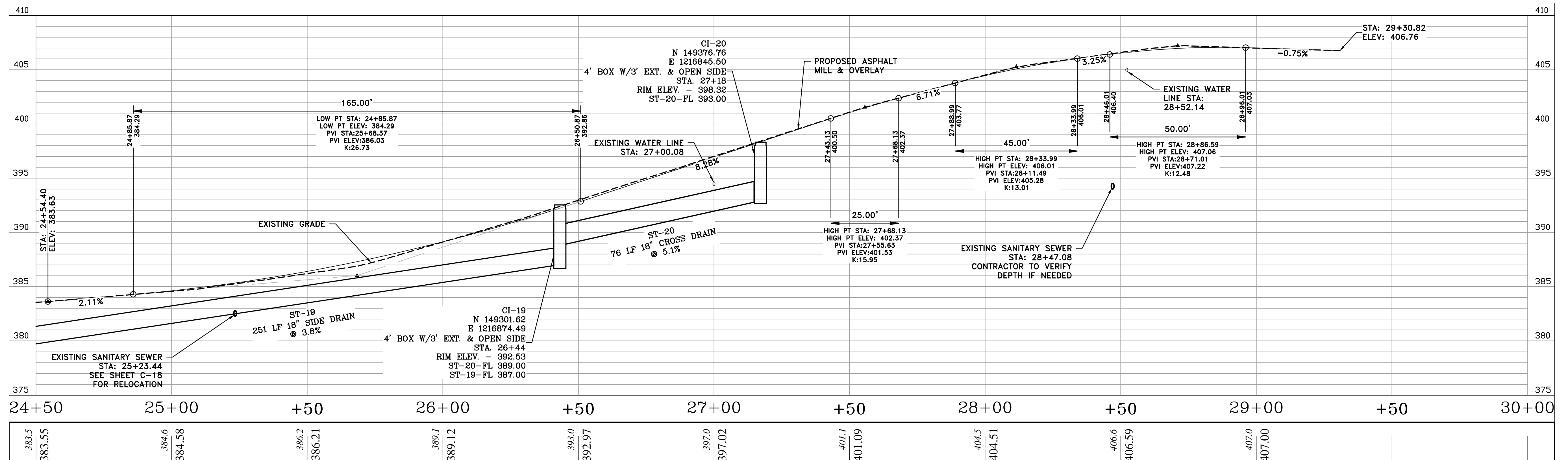
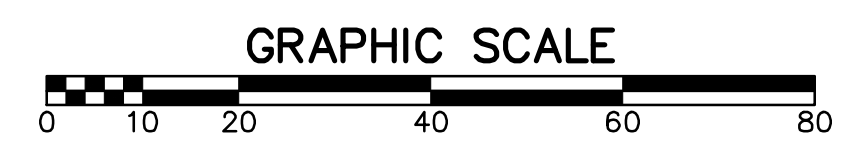
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 DATE
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 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
C13



BENCHMARK TABLE

POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	SET PK NAIL	149519.07	1216829.44	407.05
2	SET PK NAIL	149006.75	1216866.62	383.25
3	SET PK NAIL	148681.26	1216853.42	369.45
4	SET PK NAIL	148053.37	1216830.41	361.36

90% SUBMITTAL

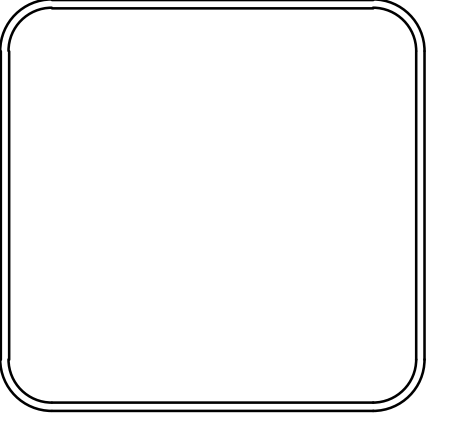


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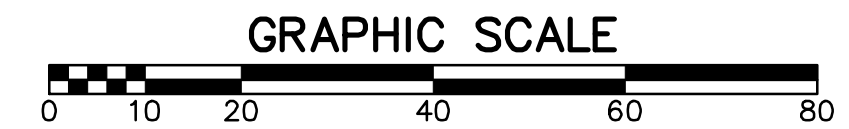
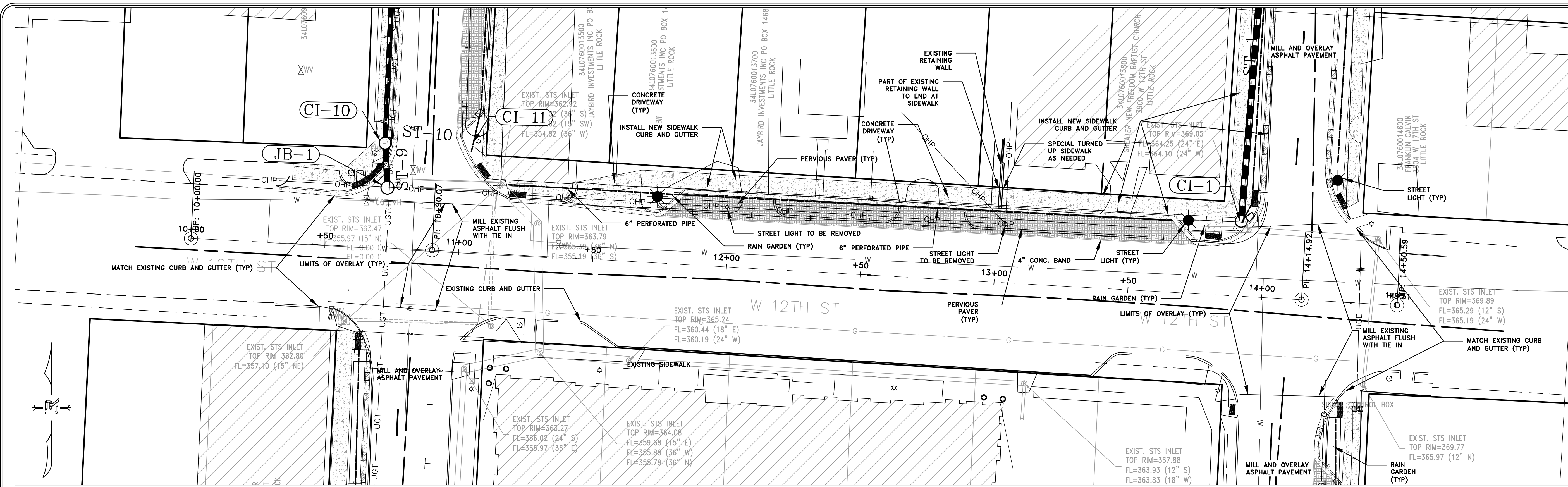
REVISIONS DATE

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 CEDAR STREET P&P SHEET 4
 STA 24+50 TO 29+87

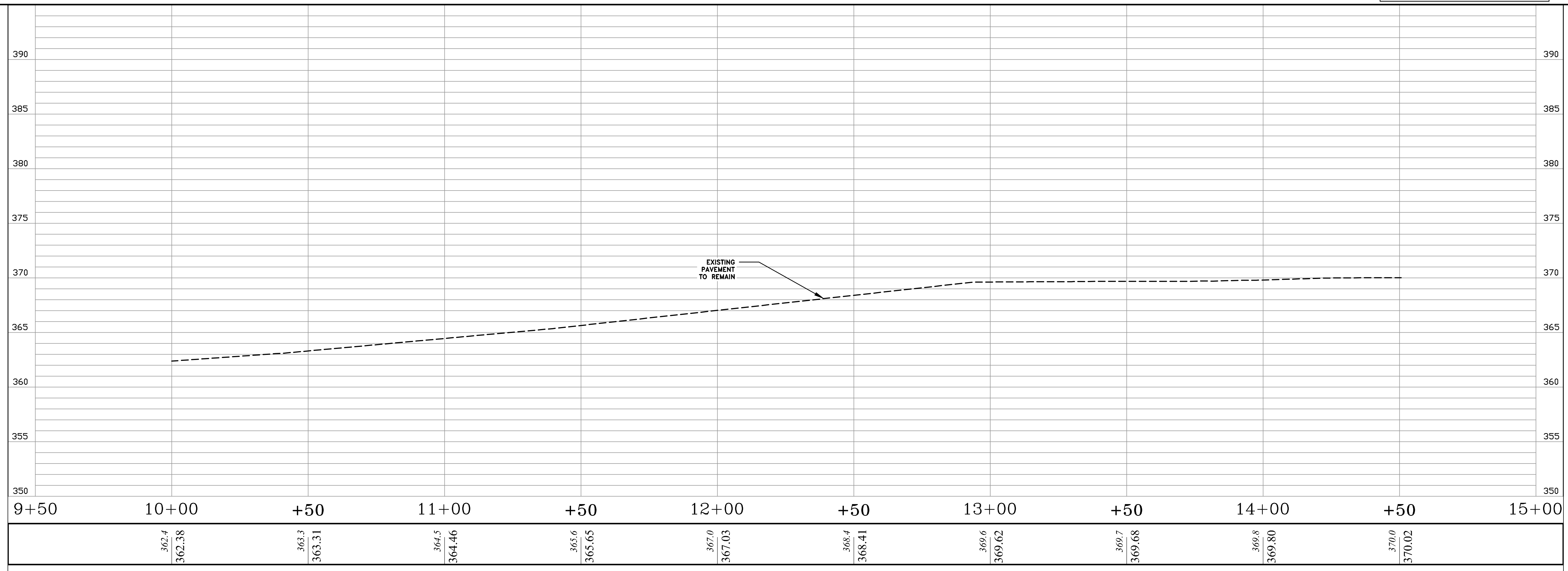
DEPARTMENT OF PUBLIC WORKS
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 BAP
 DATE
 08-13-2018
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
 C14



90% SUBMITTAL

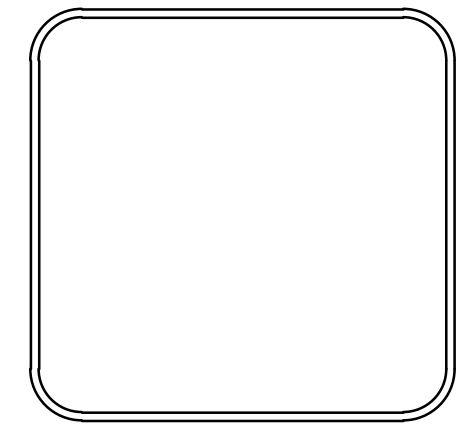


12TH STREET

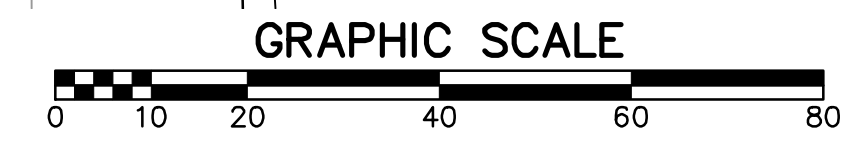
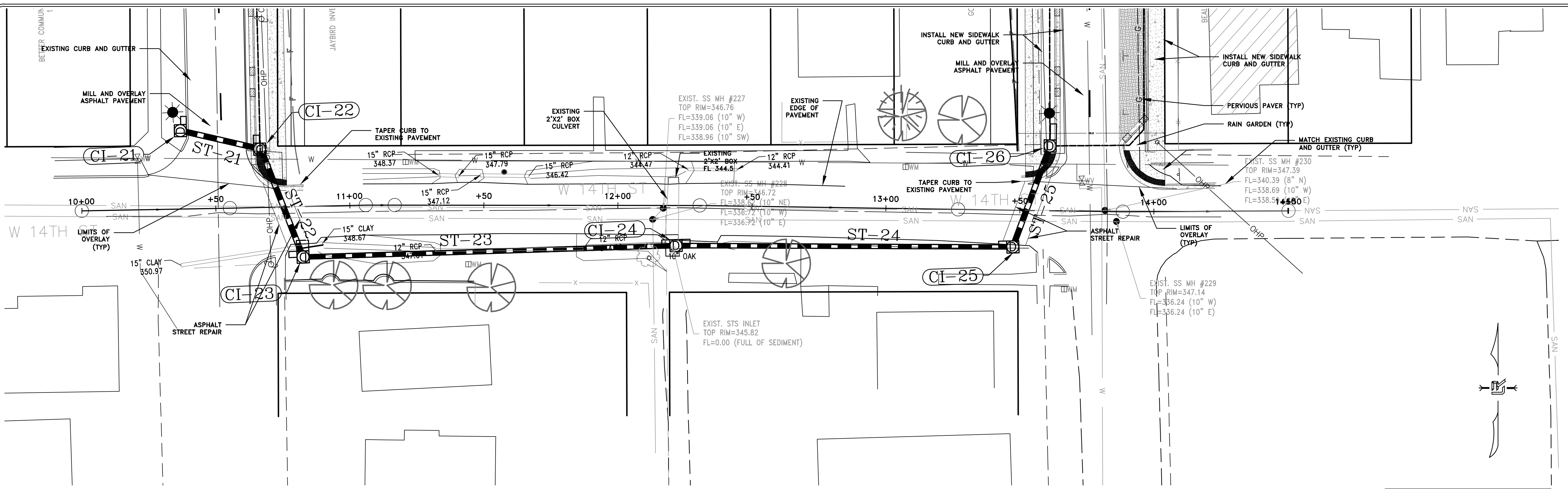
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 12TH STREET P&P
 STA 10+00.00 TO 14+50.59

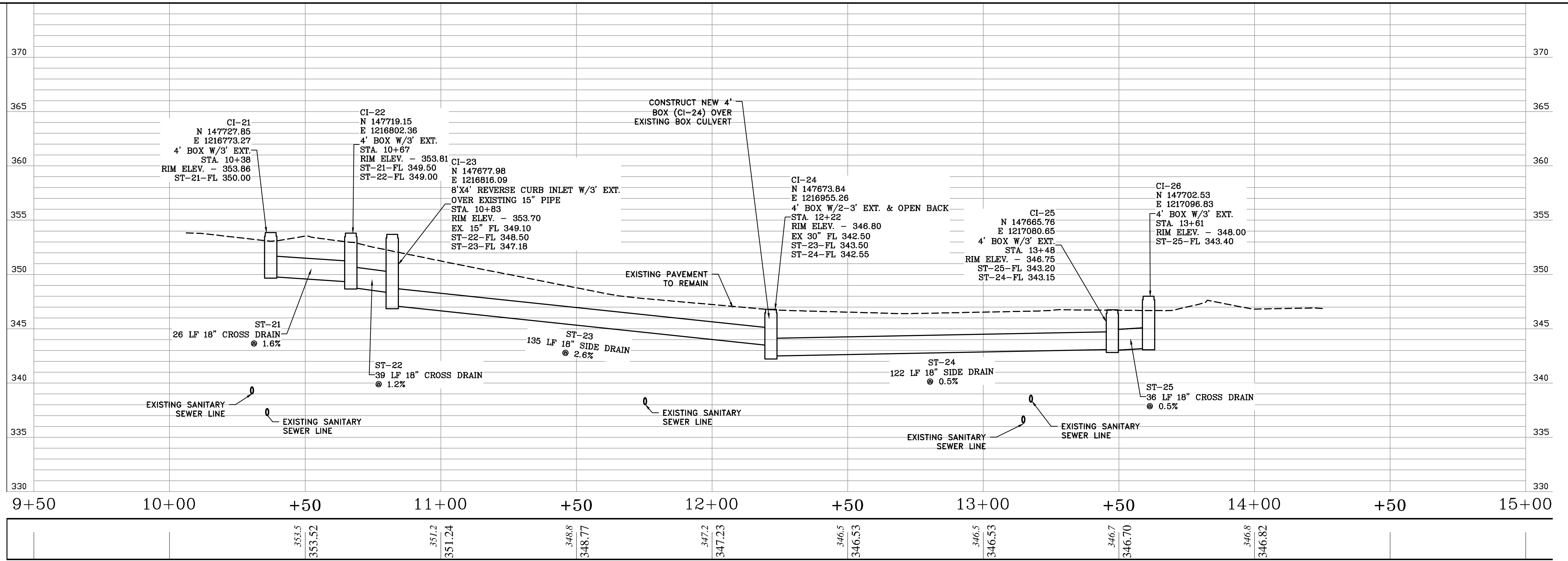
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 CIVIL ENGINEERING
 701 W. MARKHAM
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 CHECKED
 BAP
 DATE
 08-13-2018
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
 C15



90% SUBMITTAL

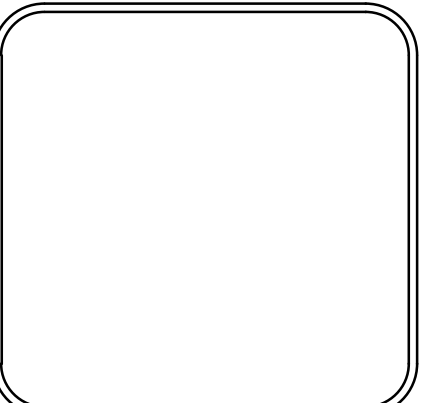


14TH STREET

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 14TH STREET P&P
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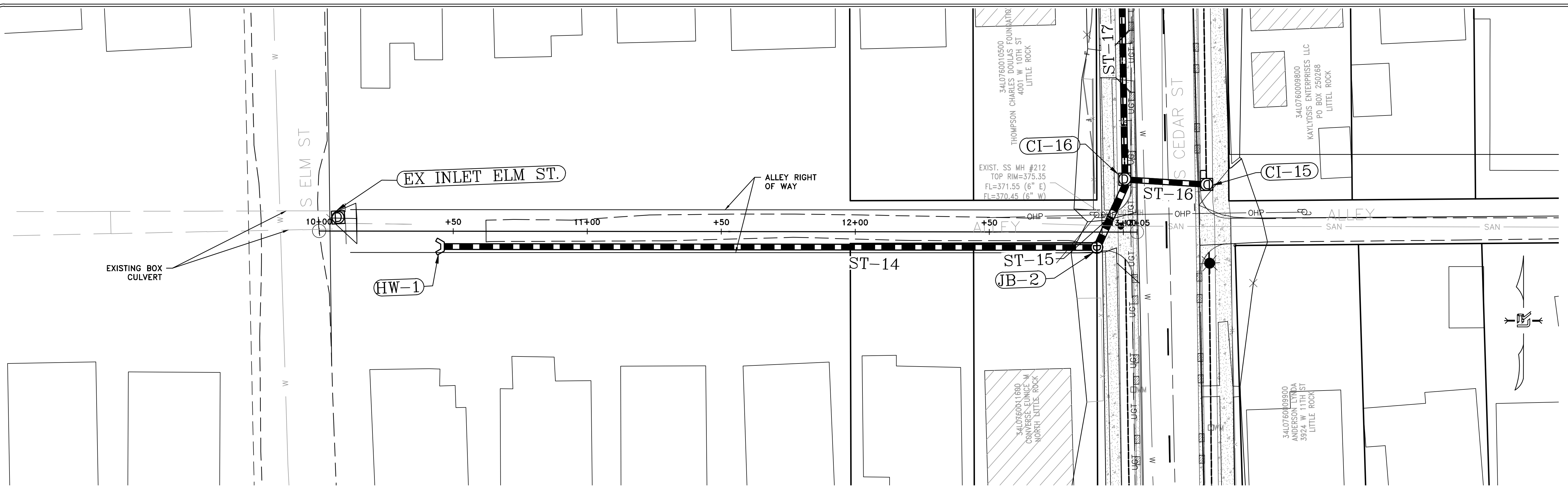
DEPARTMENT OF PUBLIC WORKS
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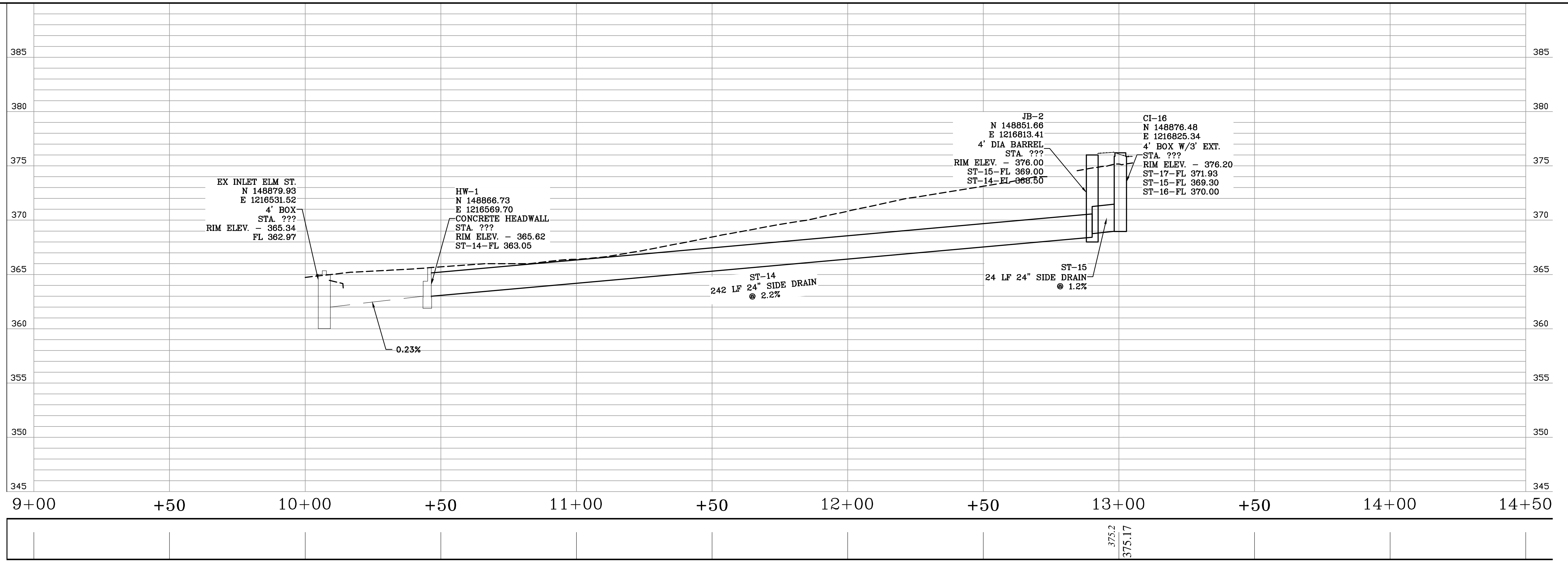
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DATE	08-13-2018
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	061552
SHEET NO.	C16

REVISIONS	DATE

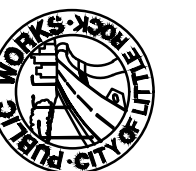
CITY OF LITTLE ROCK, ARKANSAS
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ALLEY DRAIN P&P
 STA 10+00.00 TO 14+50.27

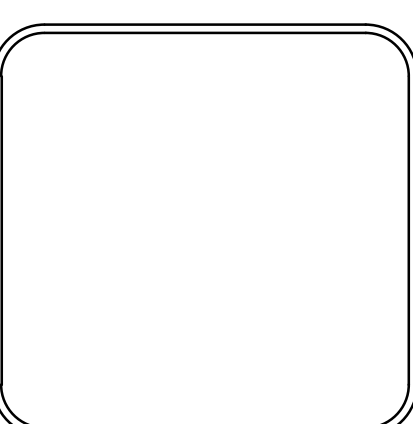


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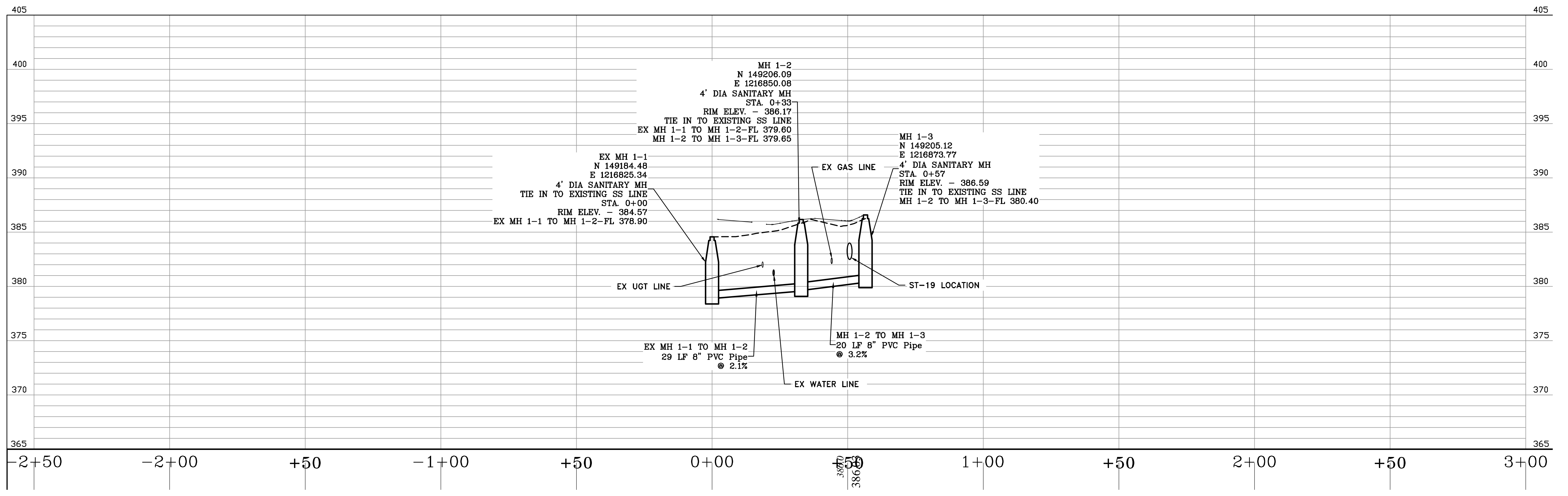
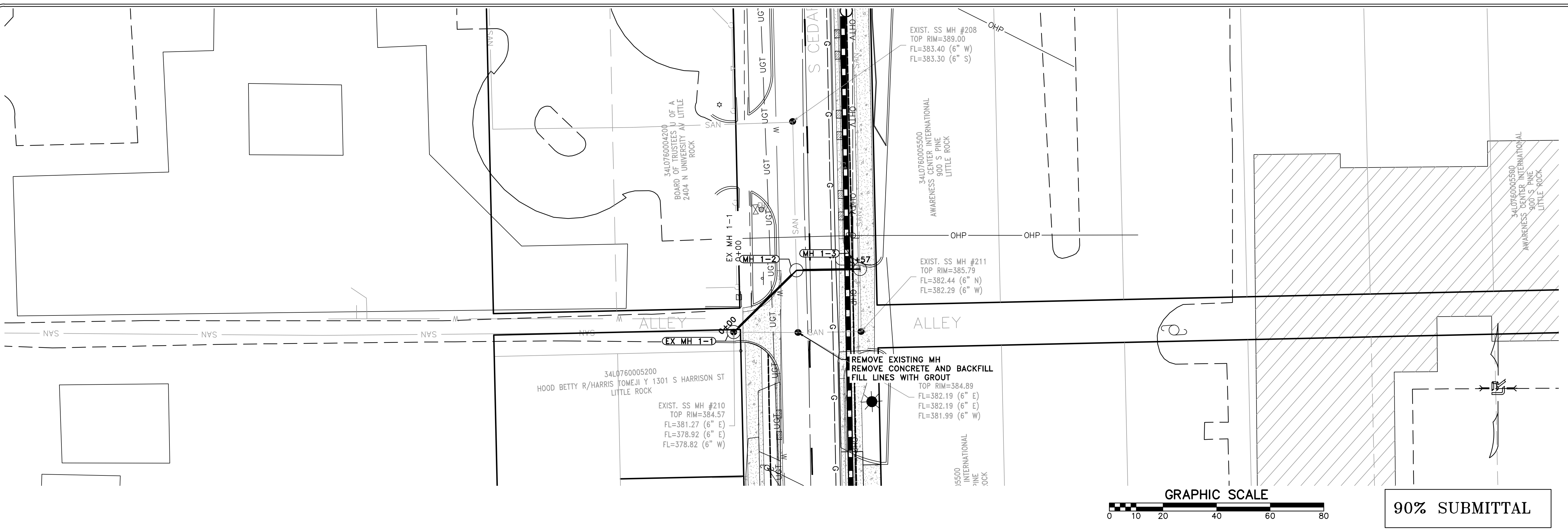


ALLEY DRAIN


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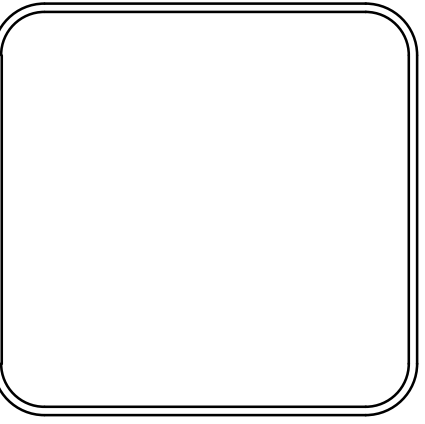
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 SCALE
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 PROJECT NO.
 061552
 SHEET NO.
C17



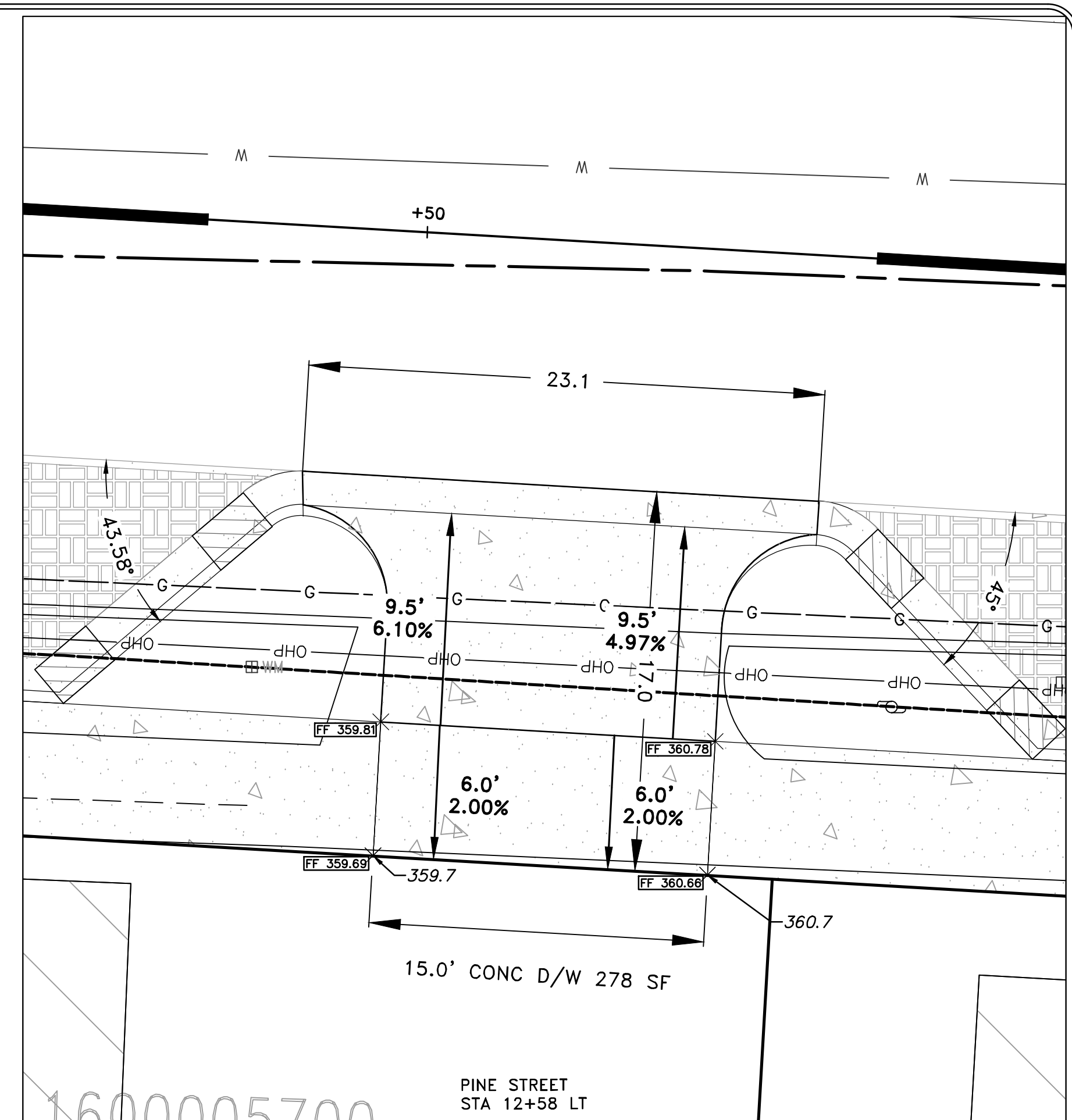
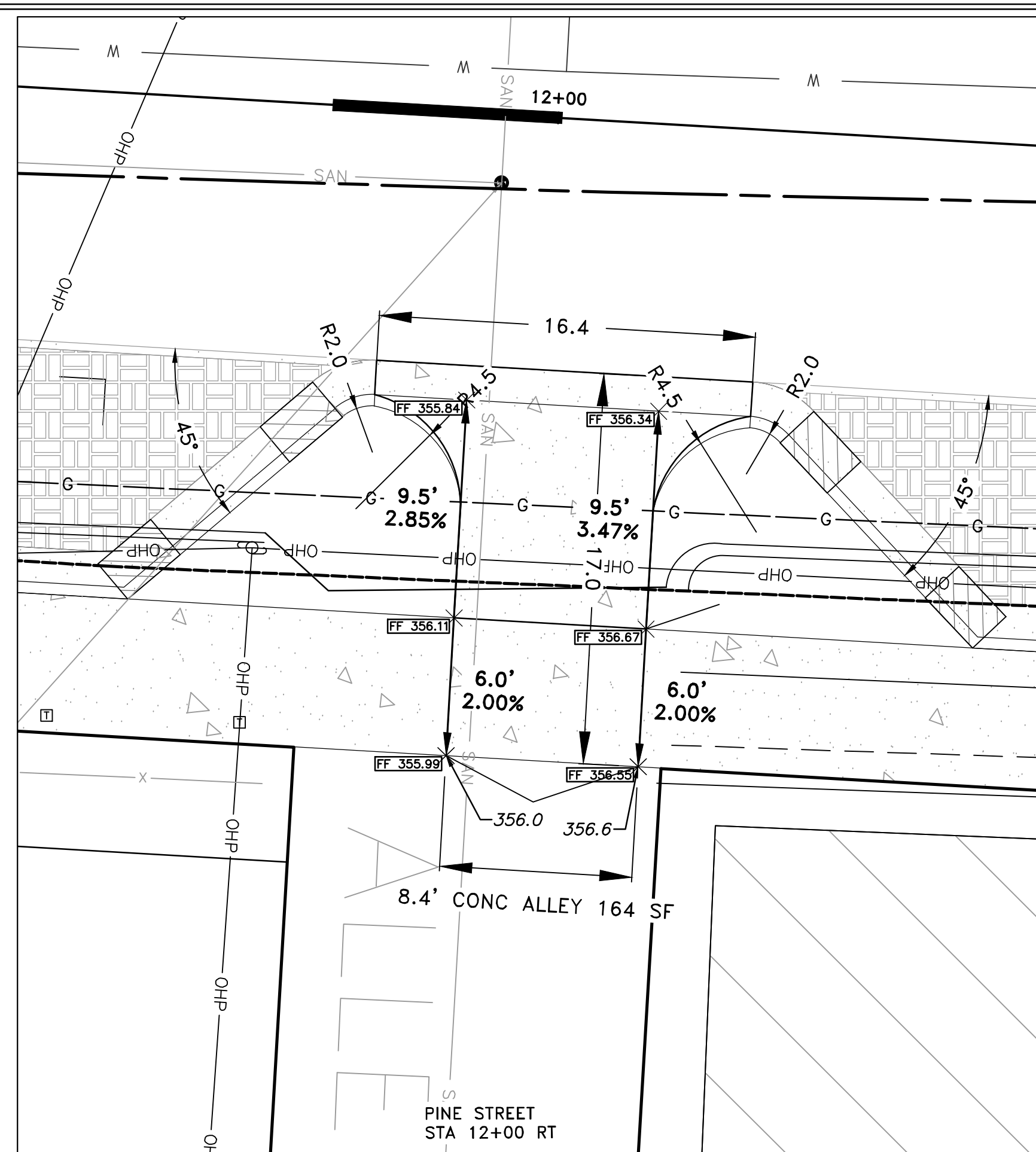
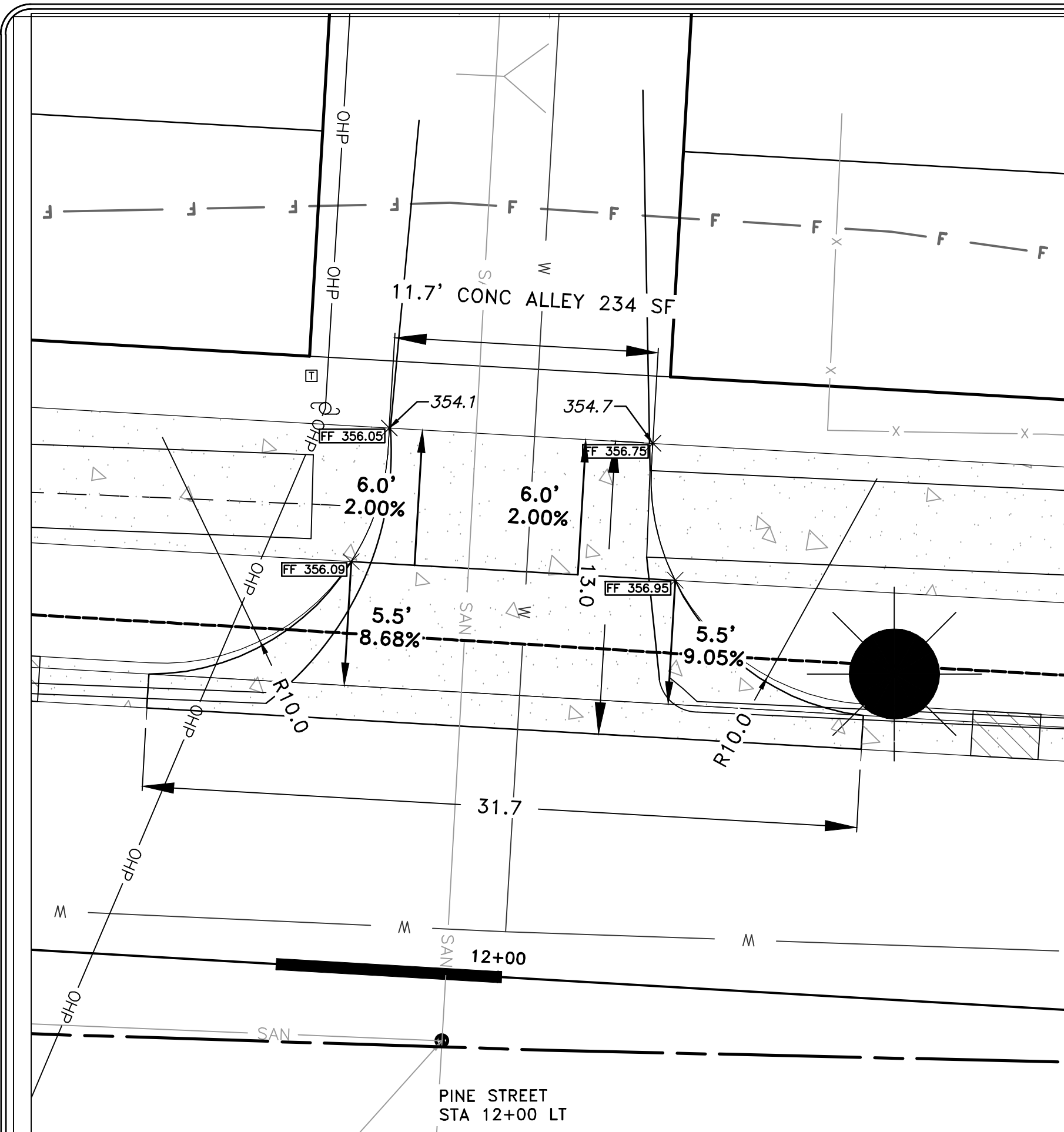
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
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SANITARY SEWER-CEDAR ST
STA 0+00.00 TO 3+00

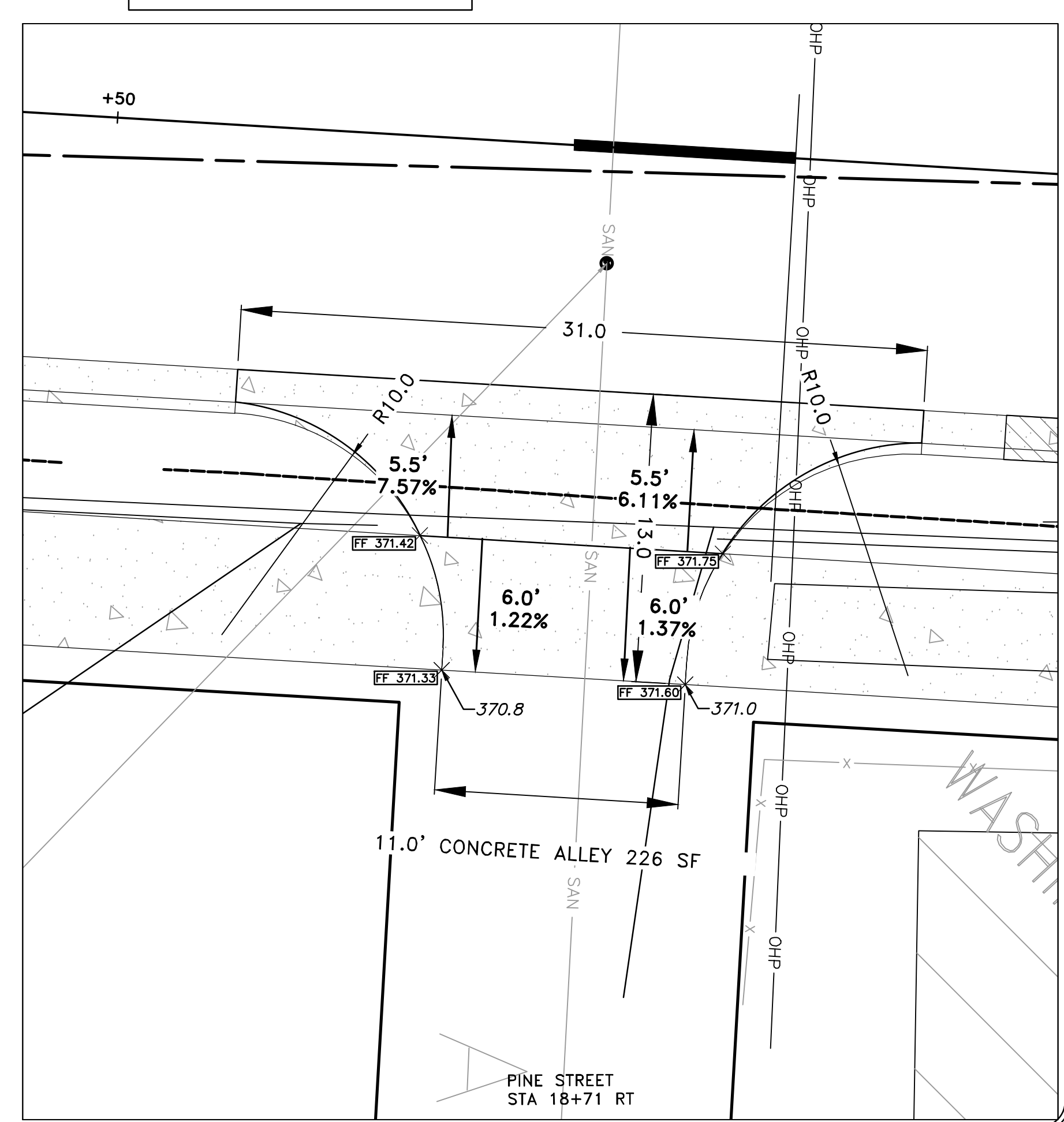
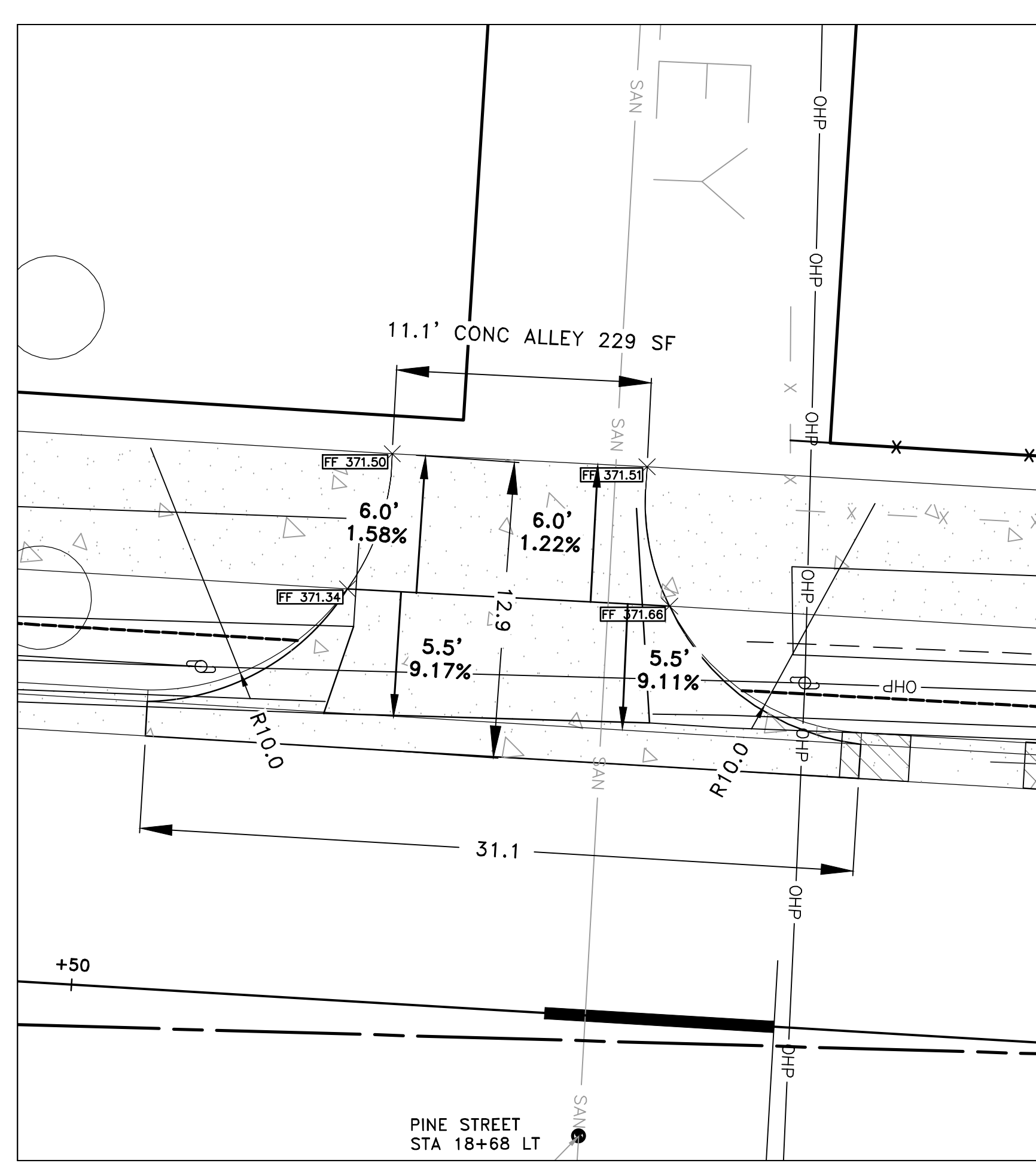
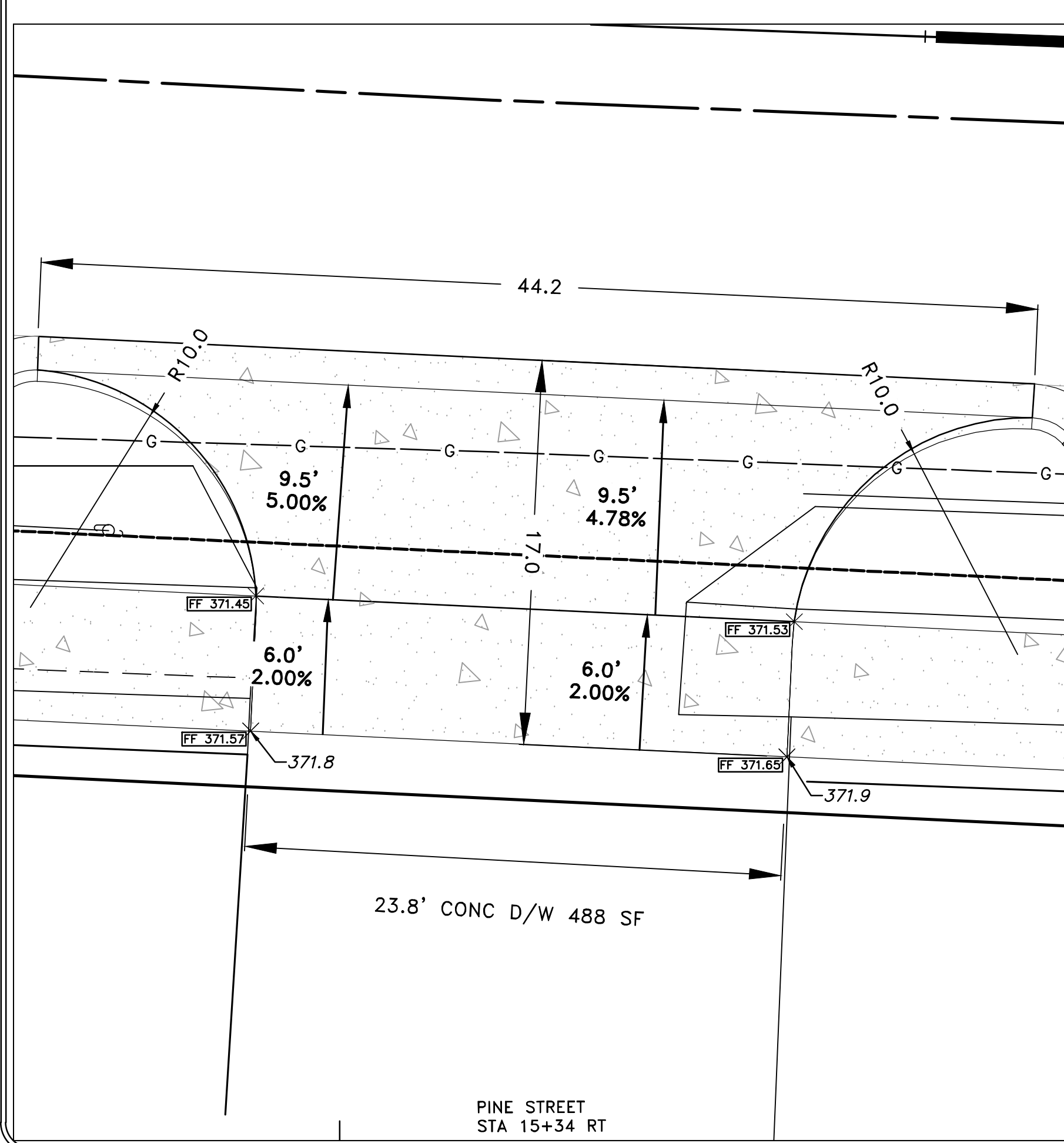
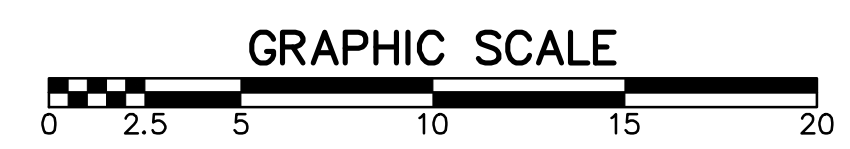
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CHECKED BAP
DATE 08-13-2018
SCALE H: 1"=20' V: 1"=5'
PROJECT NO. 061552
SHEET NO. C18



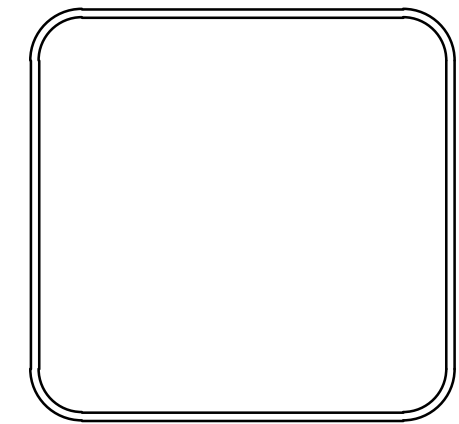
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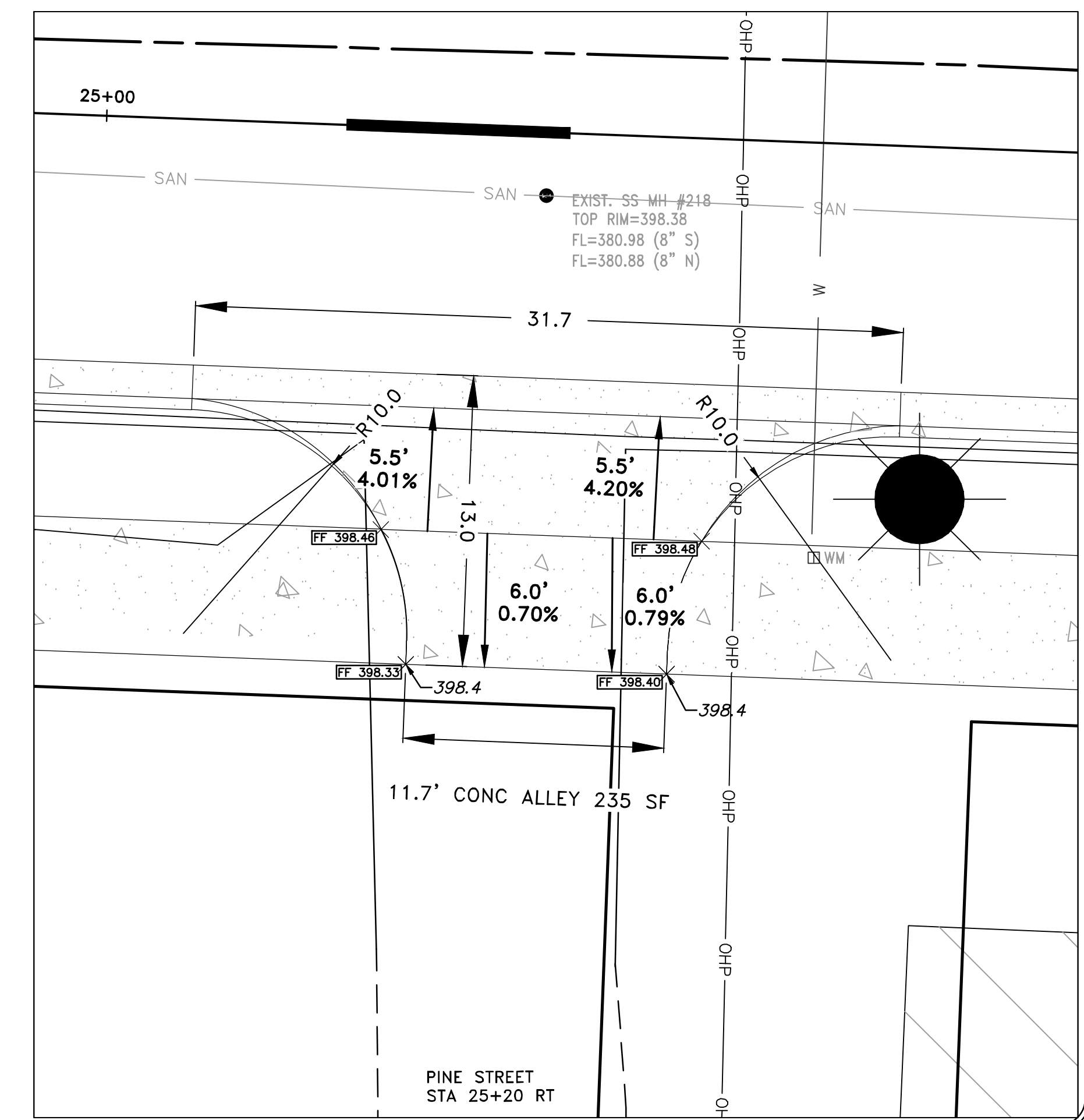
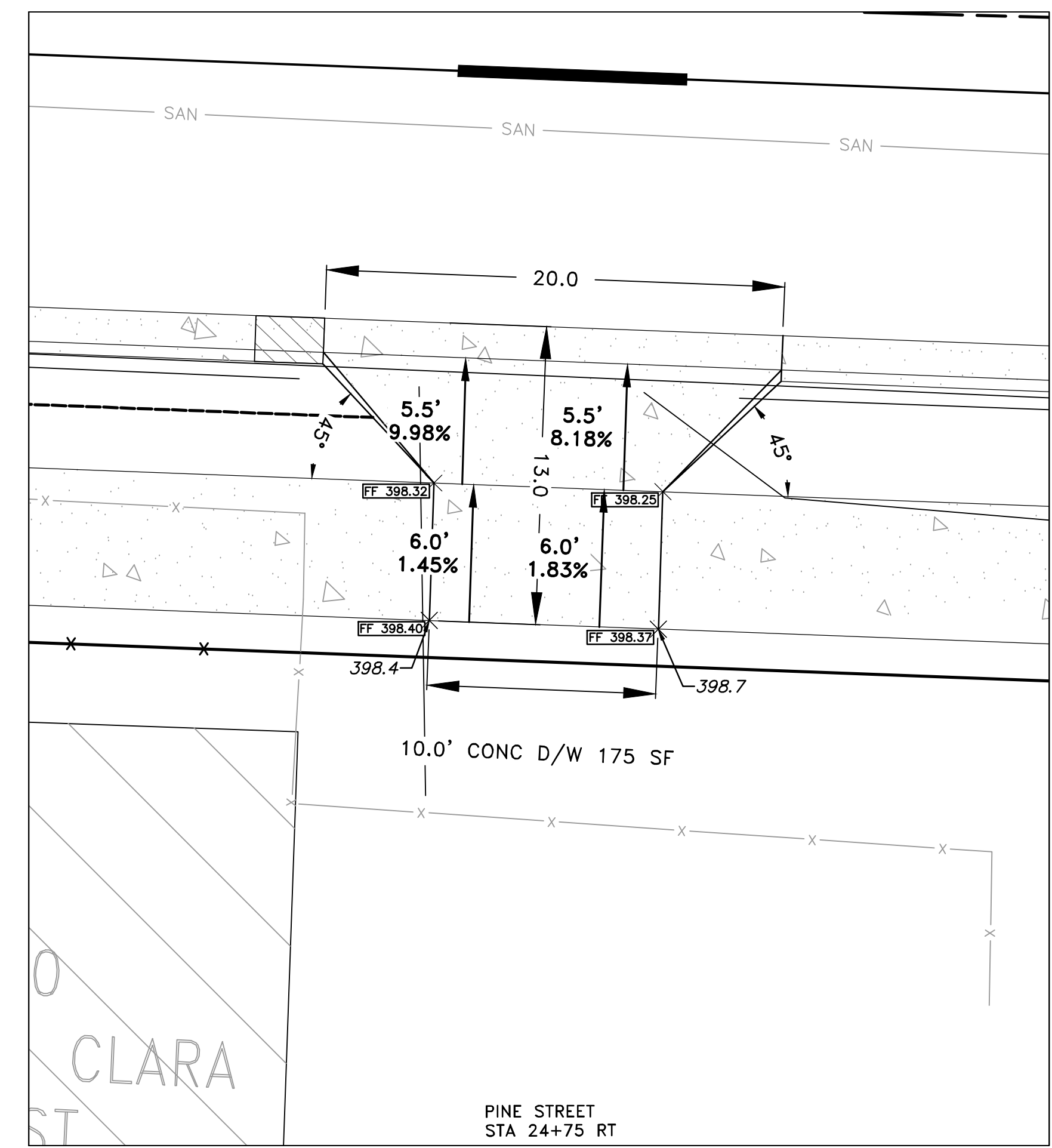
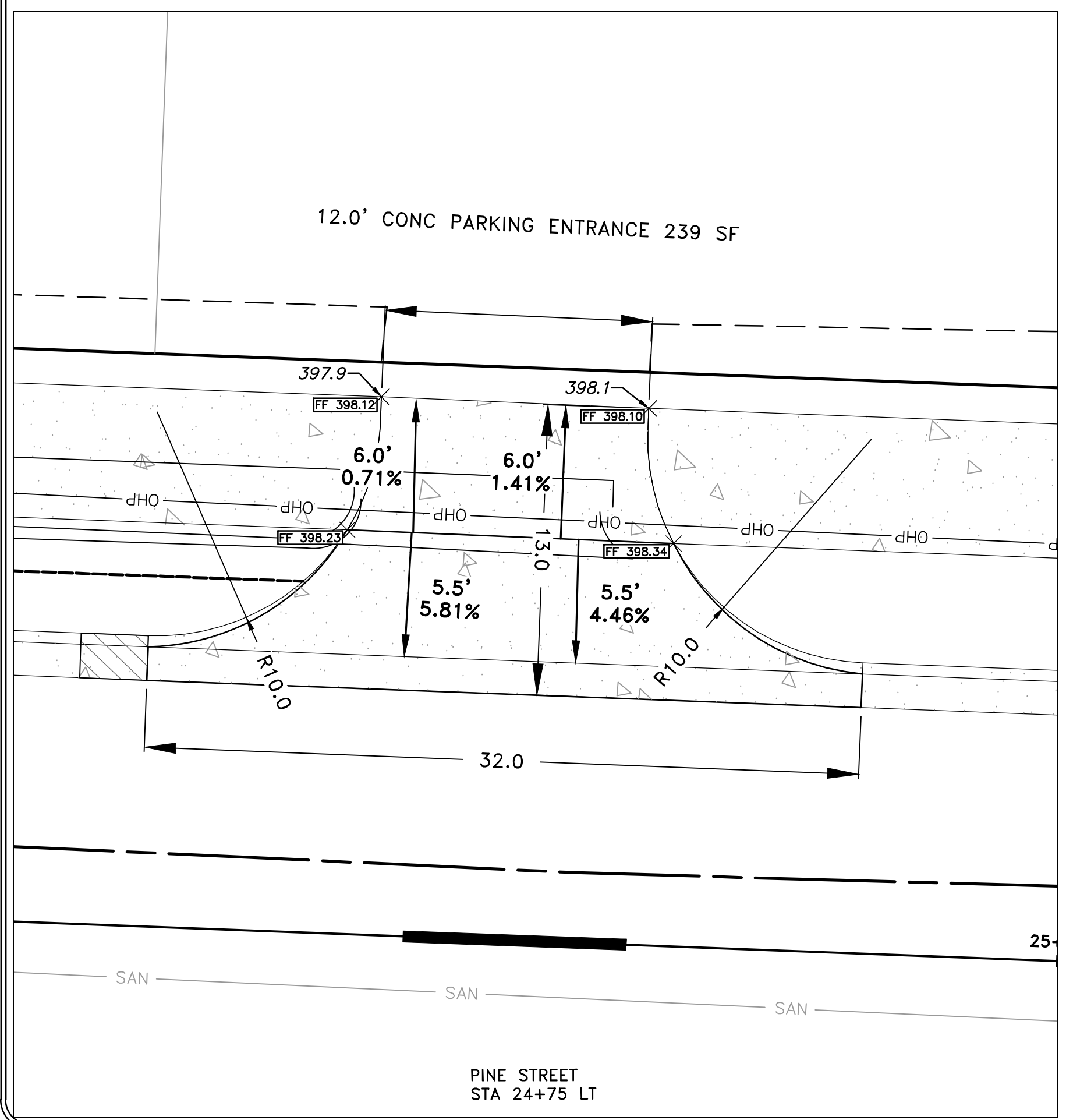
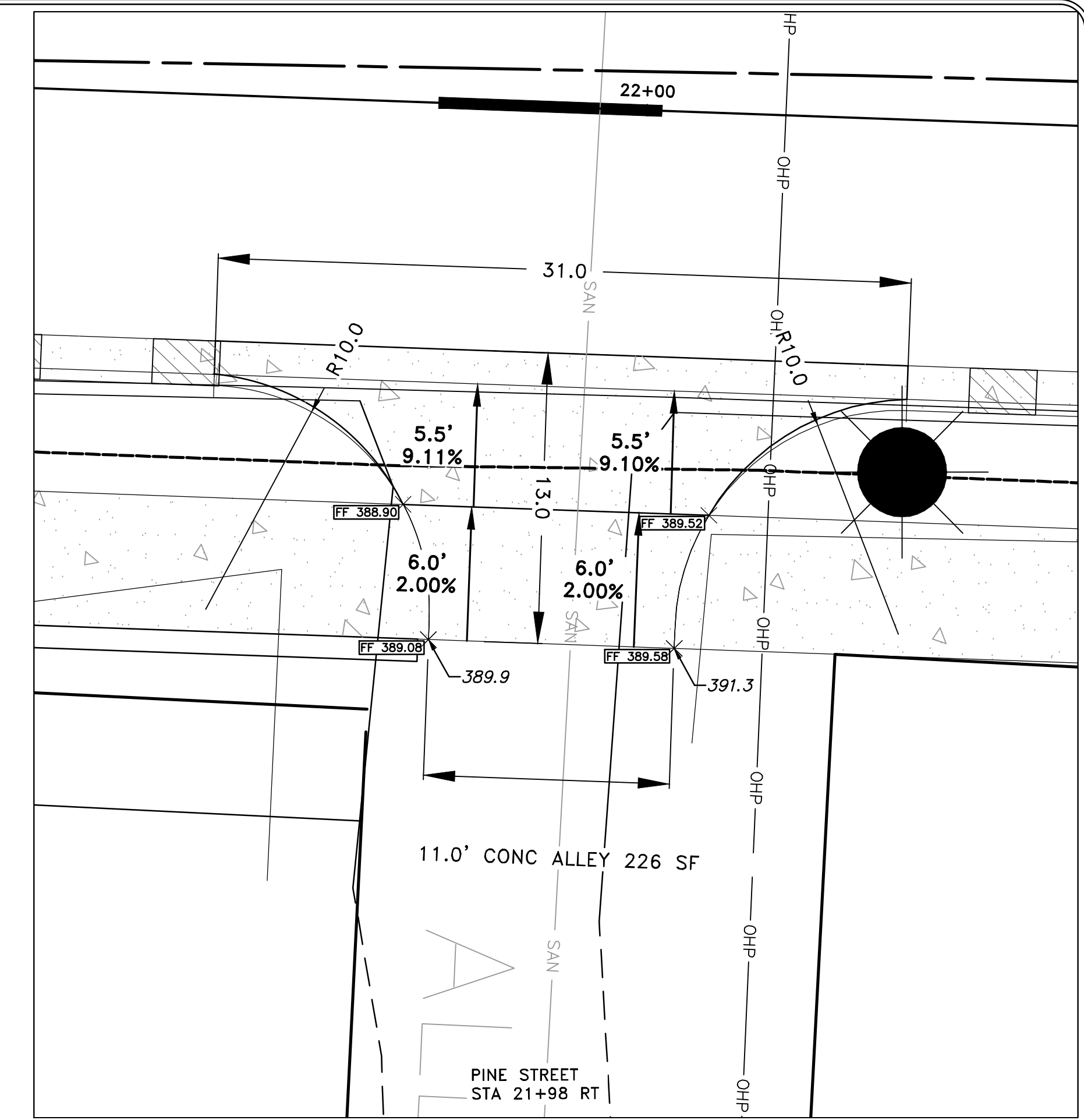
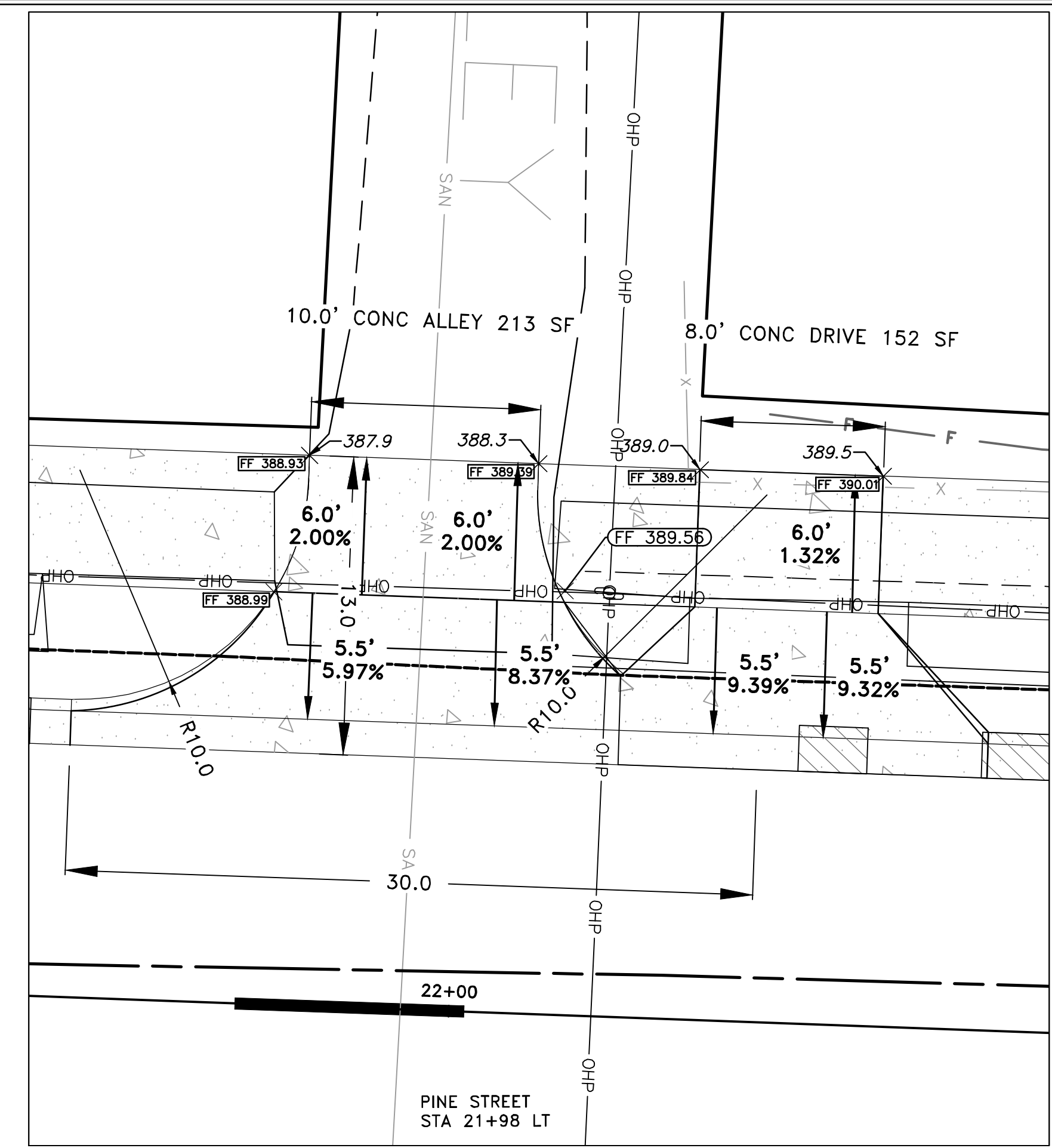
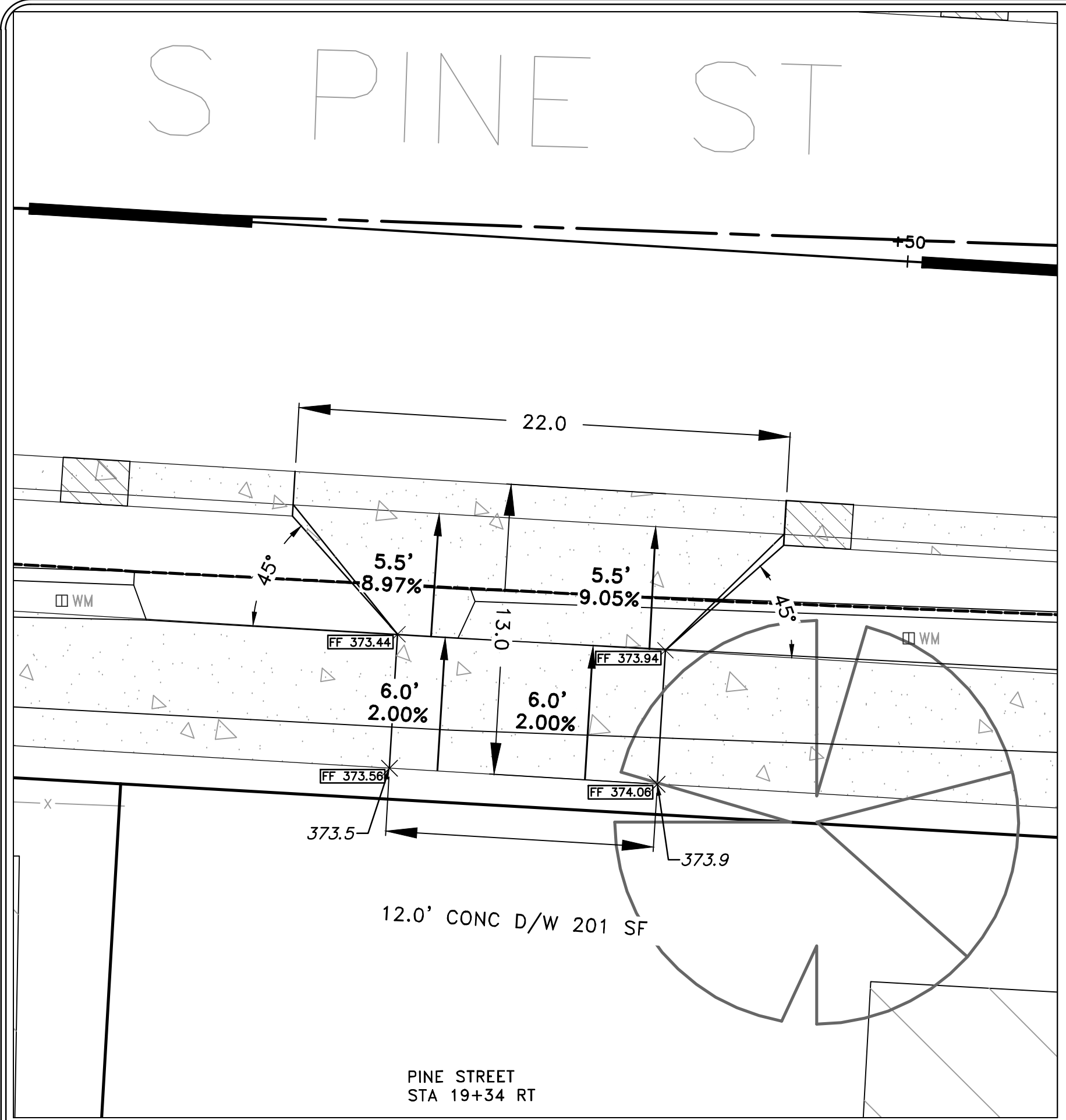
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE STREET DRIVEWAYS - SHEET 1

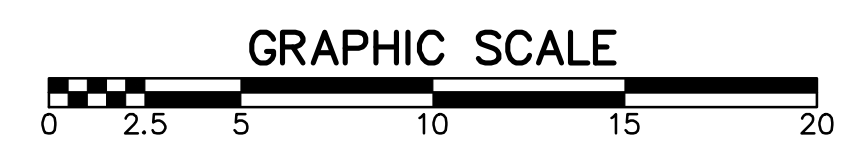
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 DATE 08-13-2018
 SCALE: 1"=5'
 PROJECT NO. 061552
 SHEET NO. C19



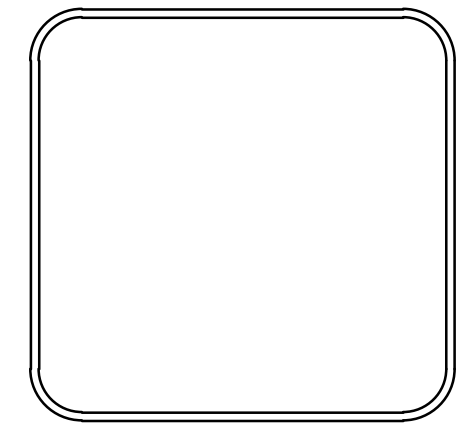
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CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE STREET DRIVEWAYS - SHEET 2

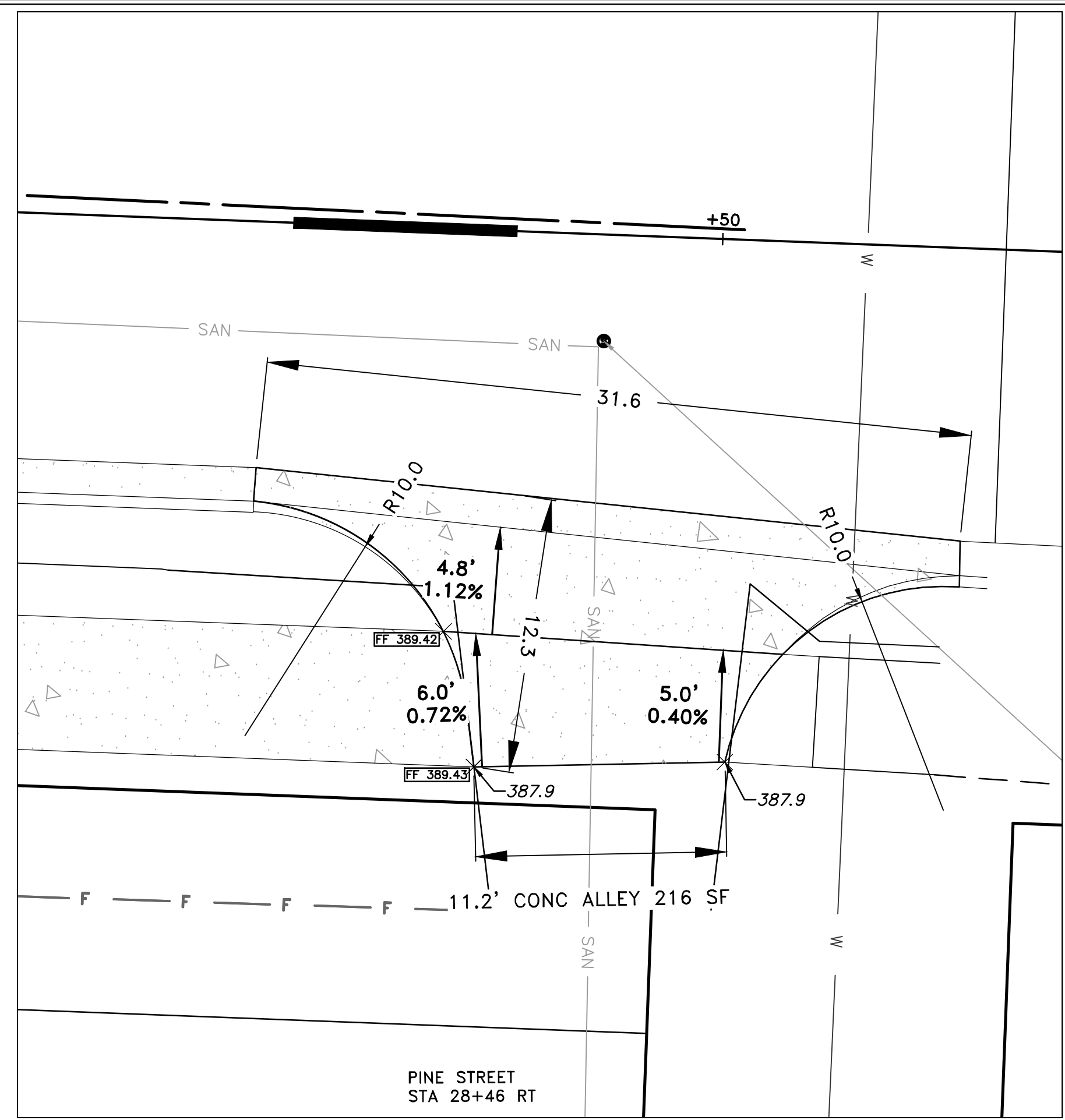
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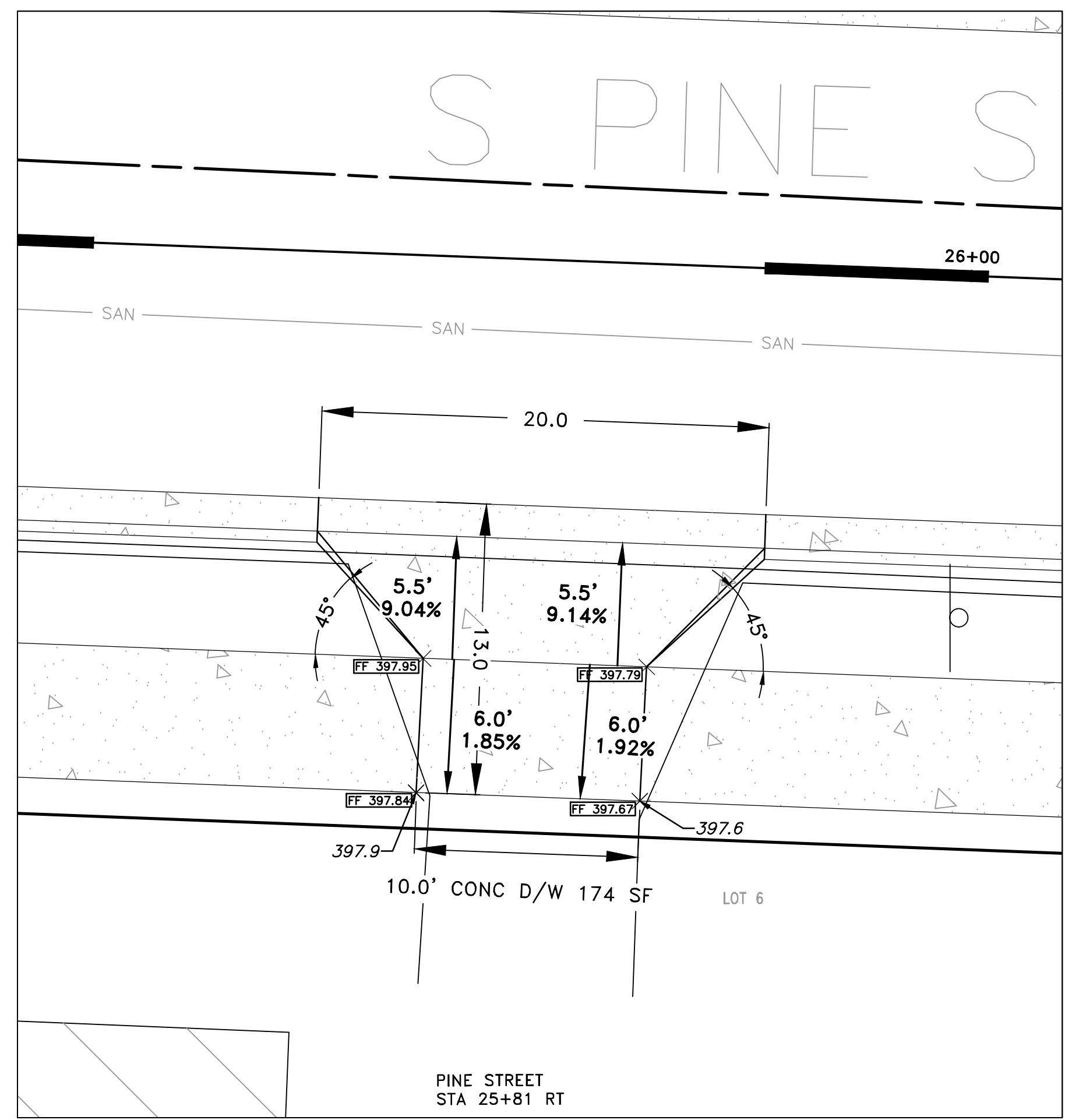
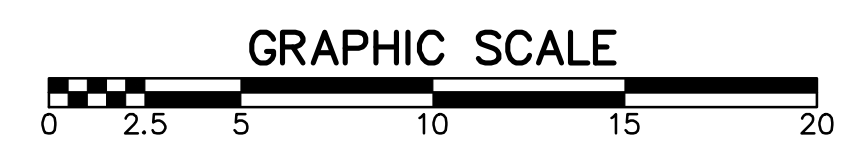
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 061552
 SHEET NO.
 C20

REVISIONS	DATE

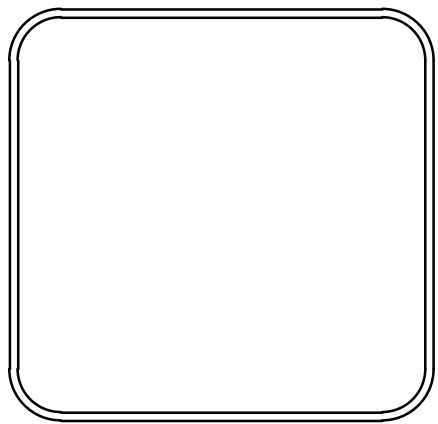
CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE STREET DRIVEWAYS - SHEET 3



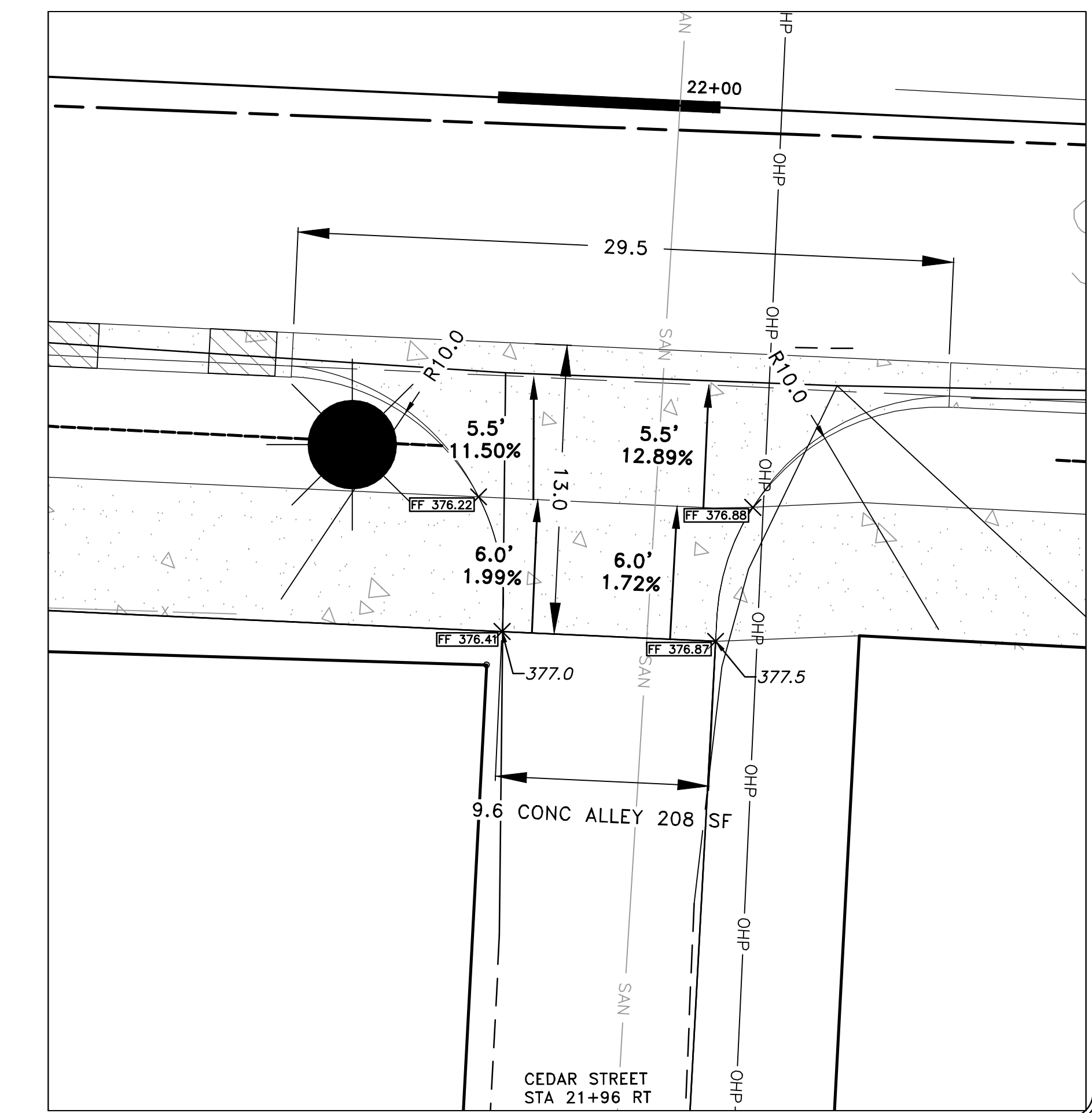
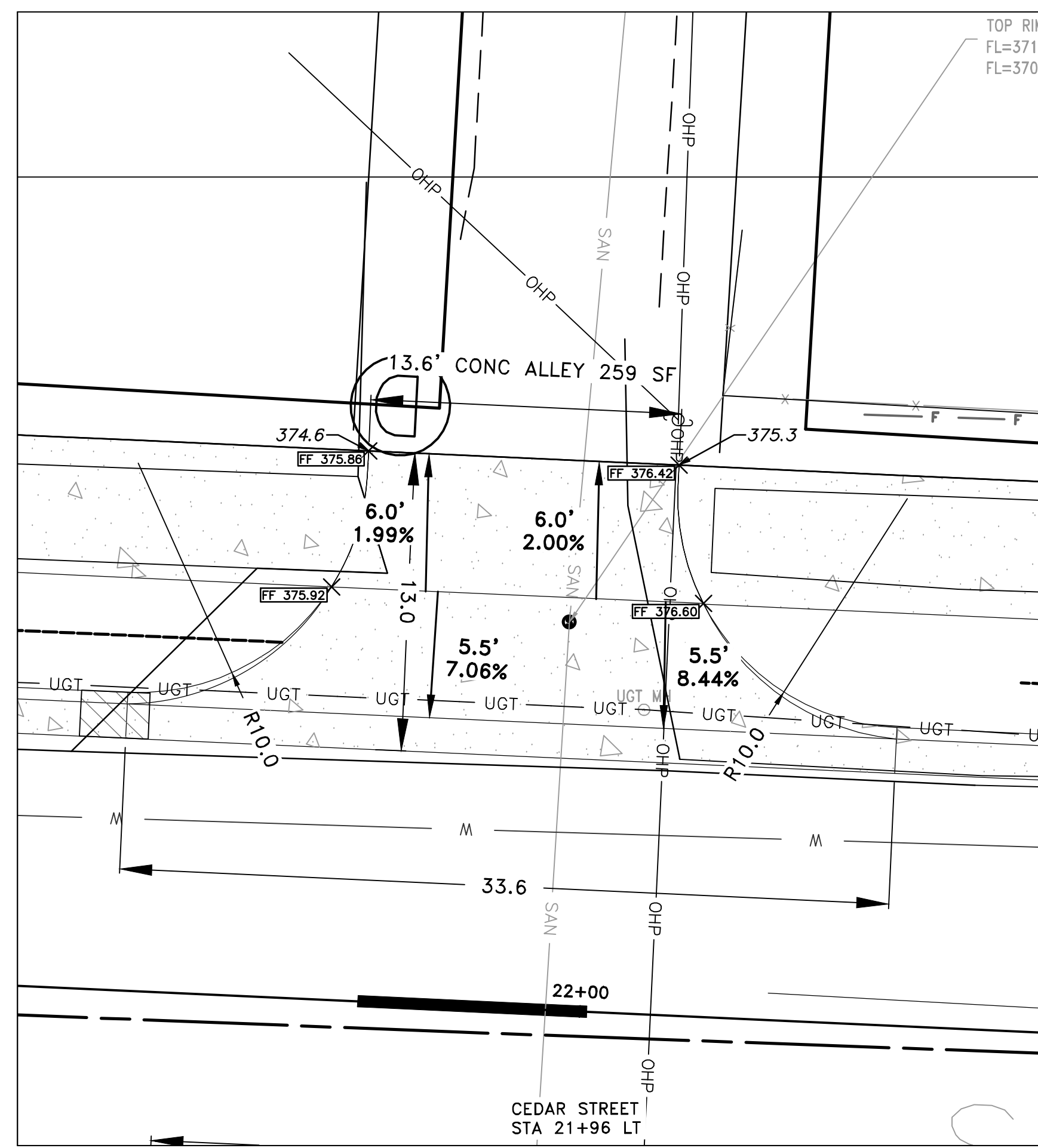
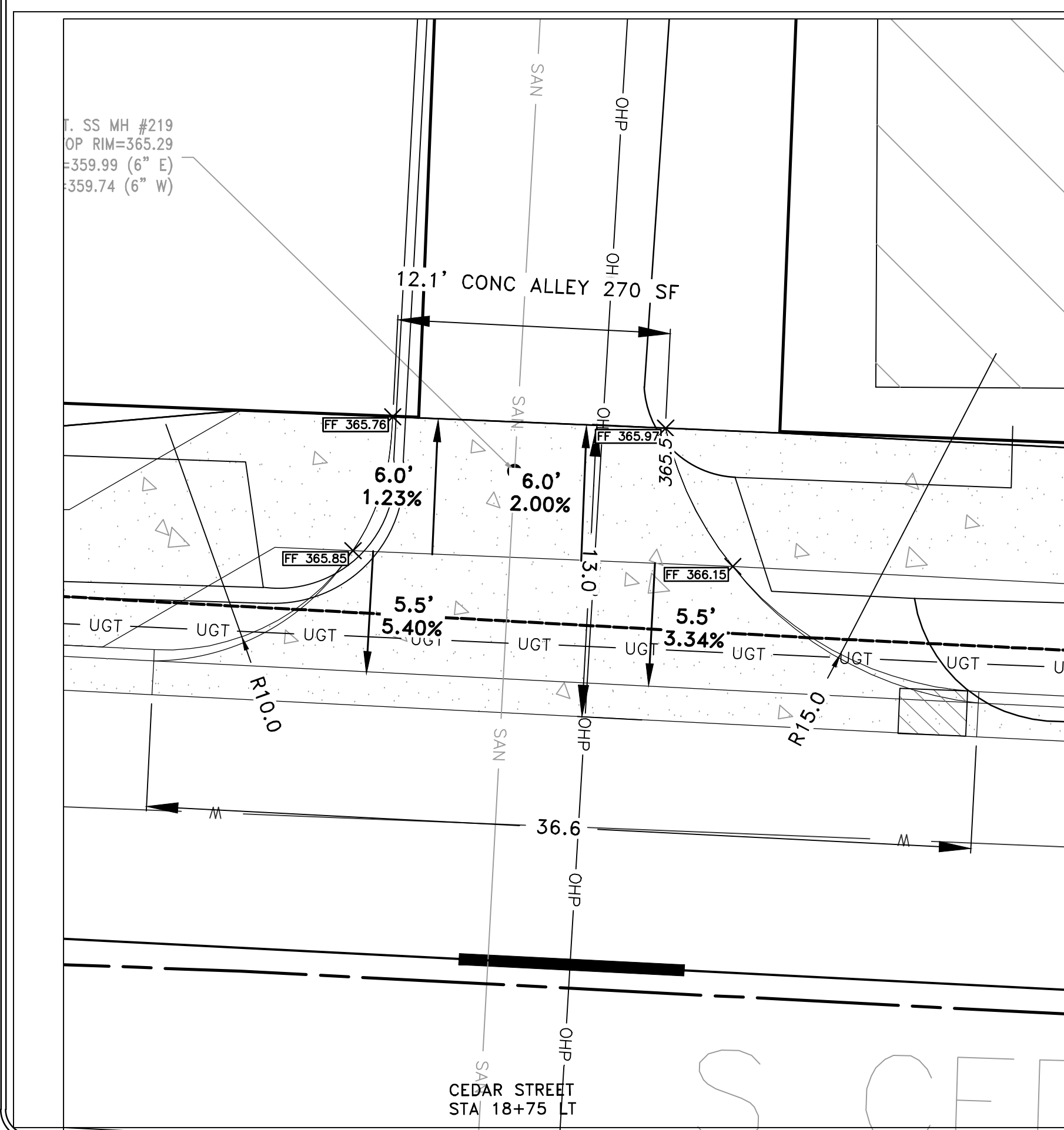
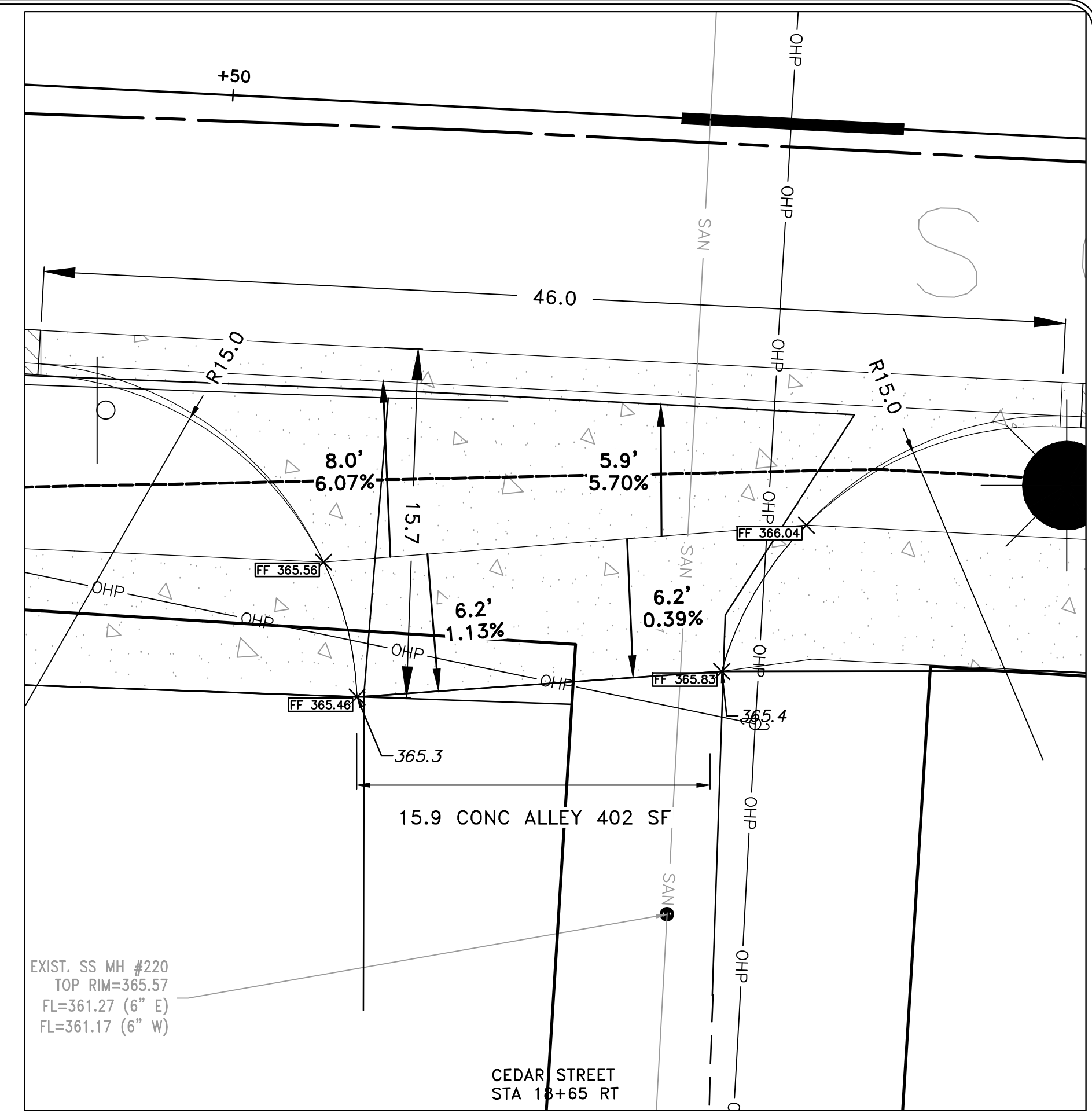
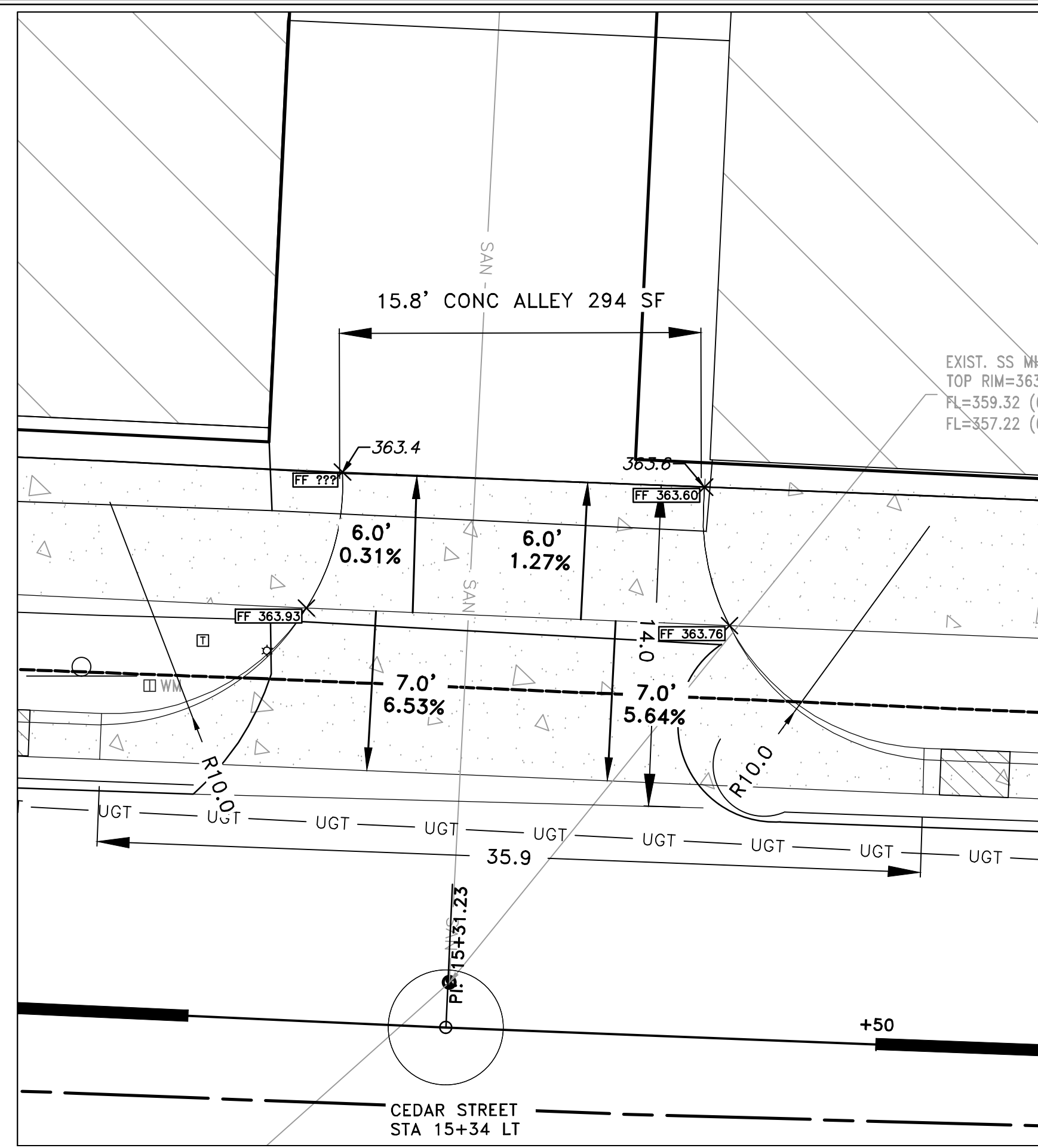
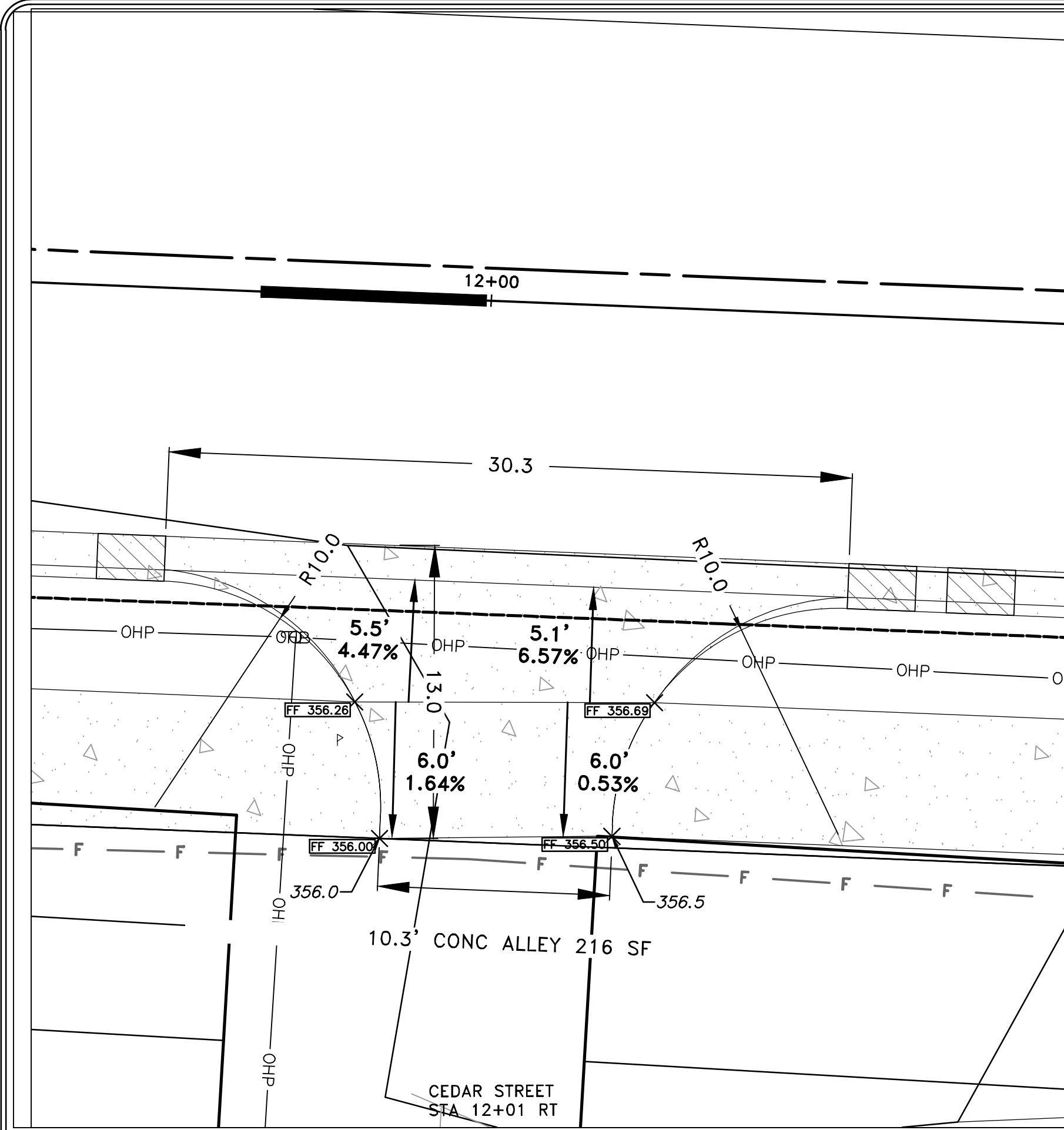
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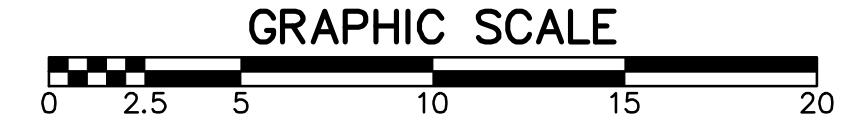
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 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



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DATE	08-13-2018
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PROJECT NO.	061552
SHEET NO.	C21



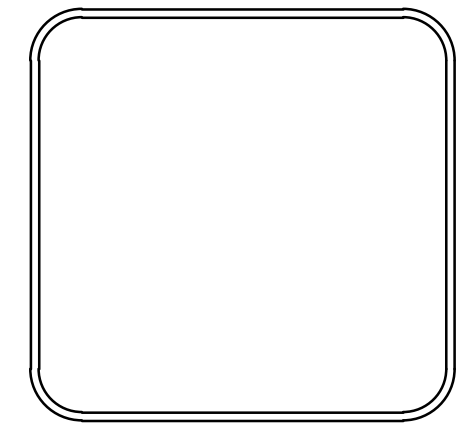
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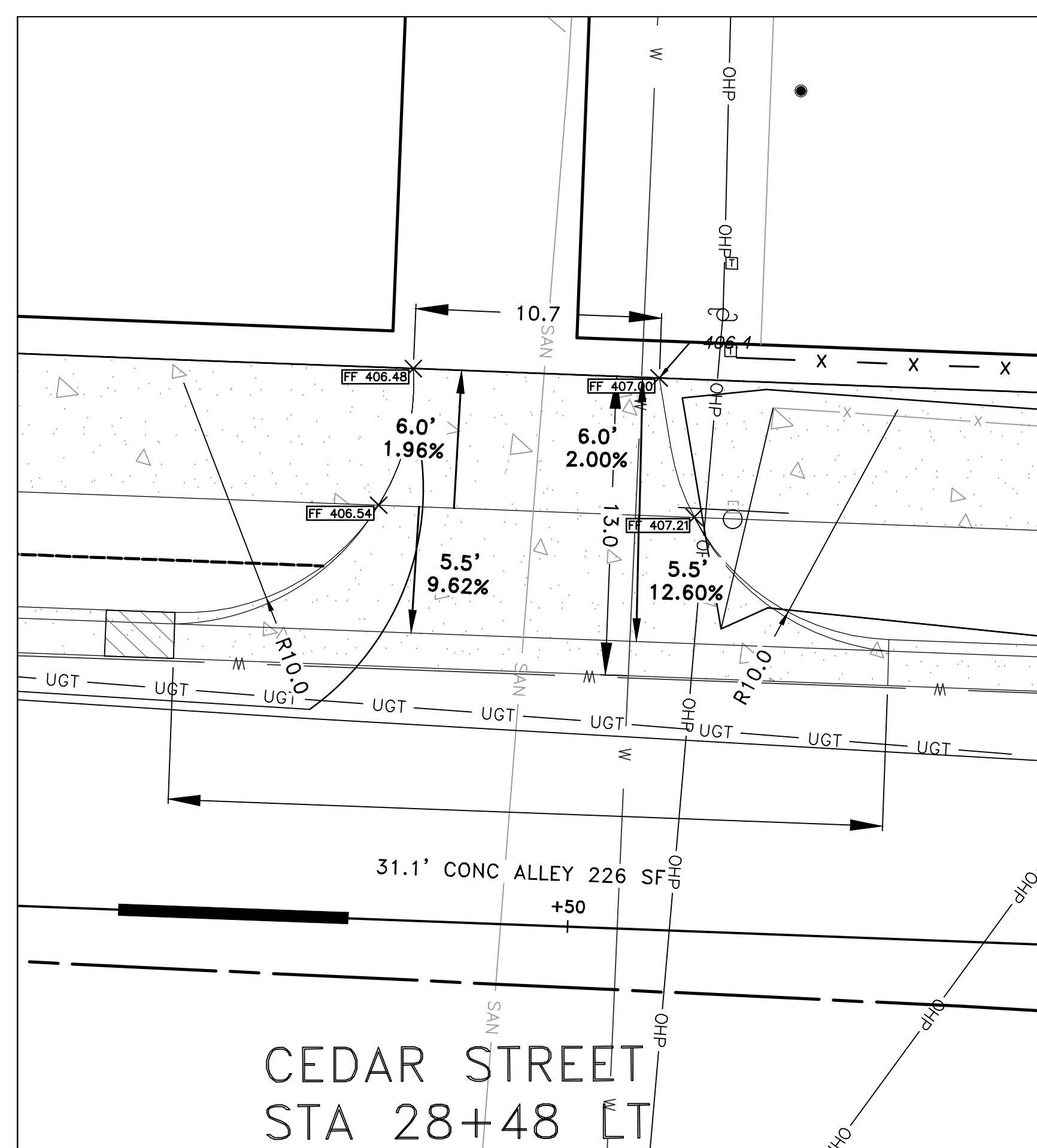
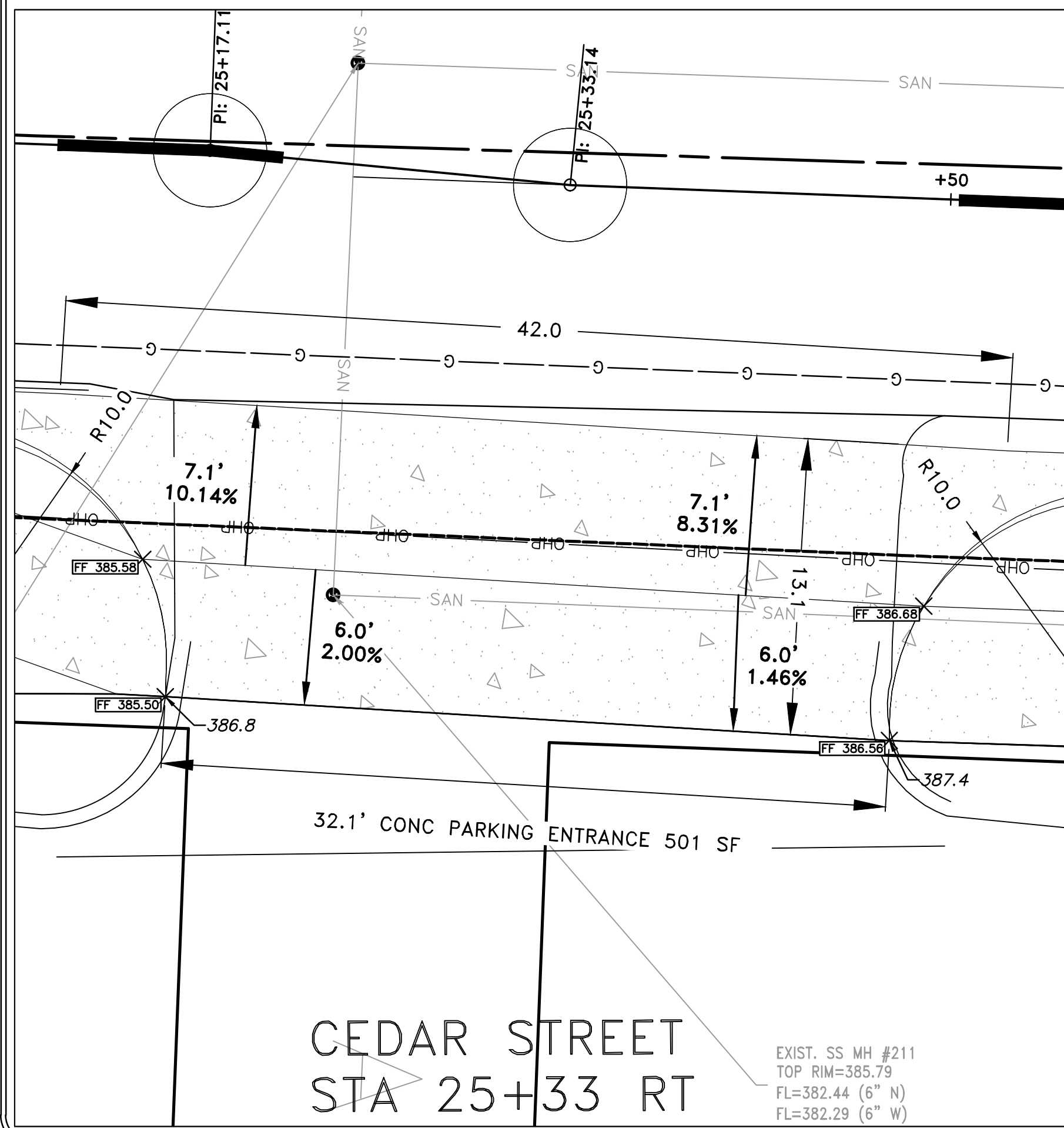
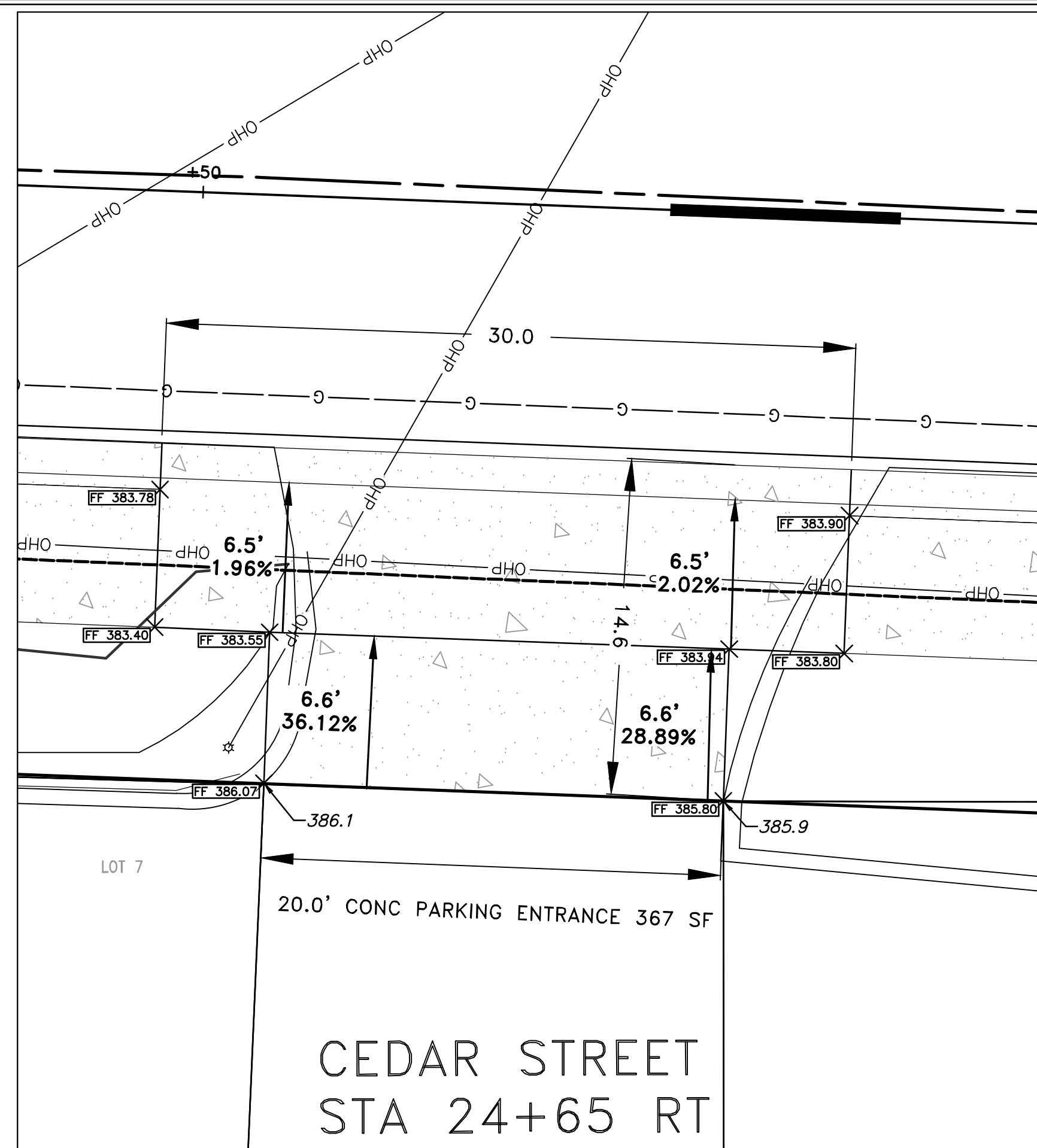
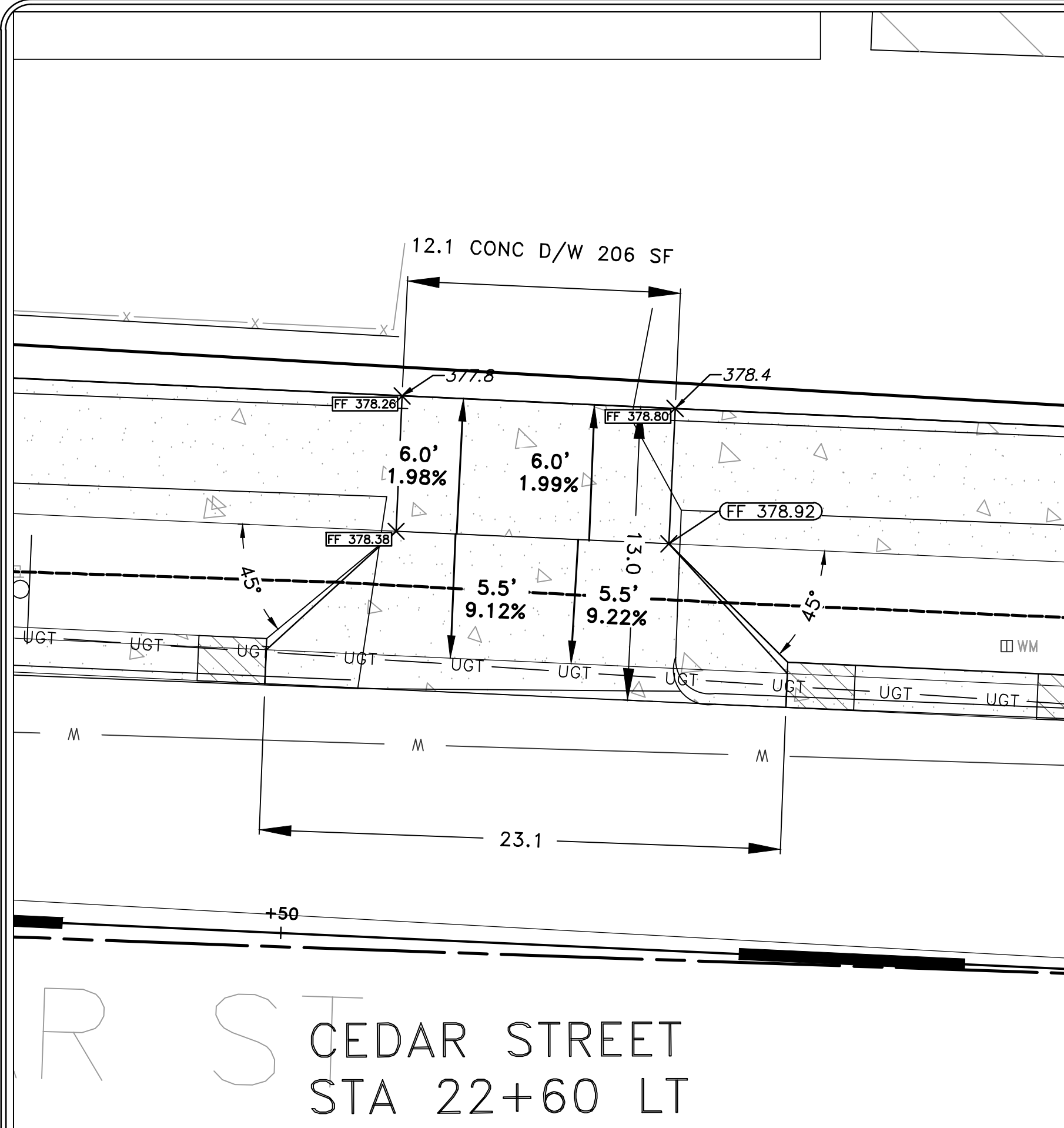
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 CEDAR STREET DRIVEWAYS - SHEET 1

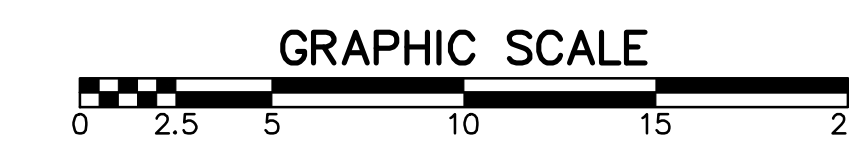
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



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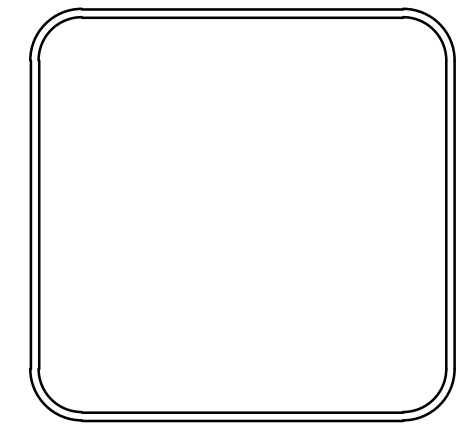
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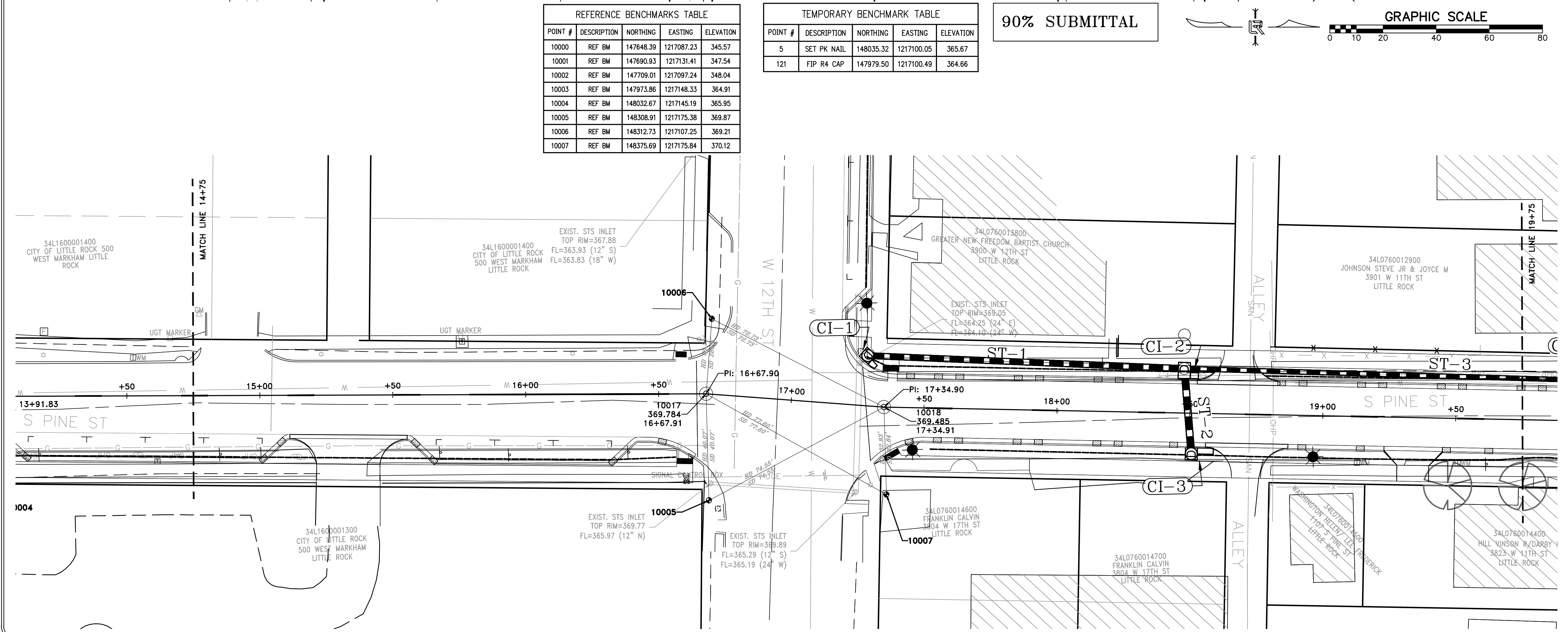
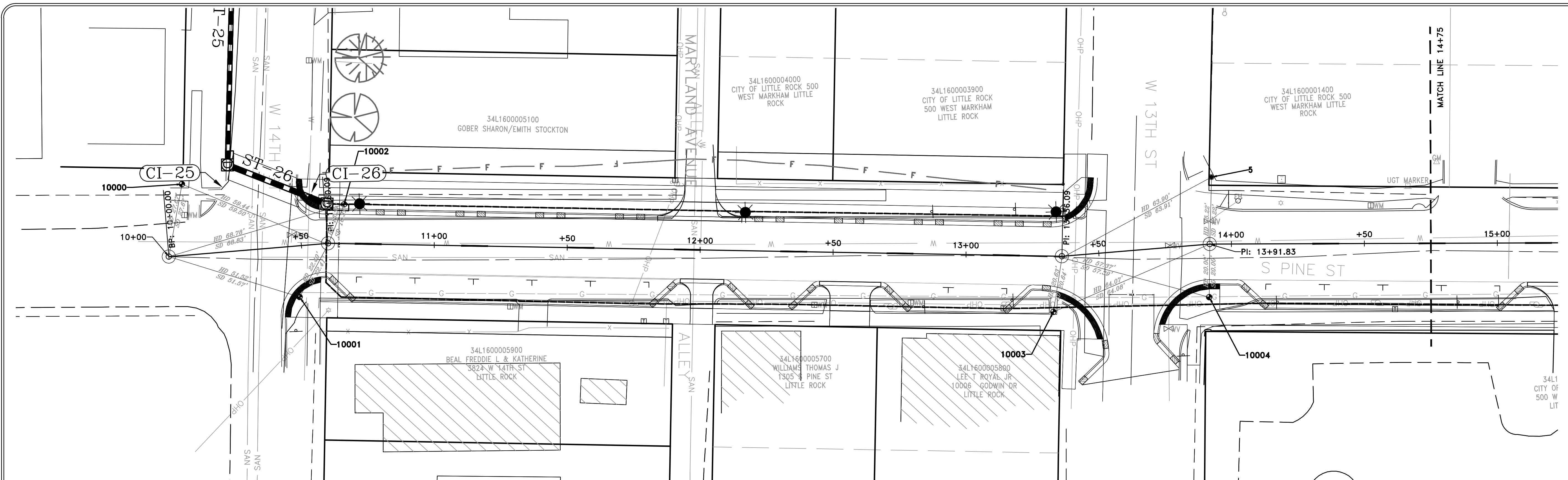
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
CEDAR STREET DRIVEWAYS - SHEET 2

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CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



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PROJECT NO.	061552
SHEET NO.	C23



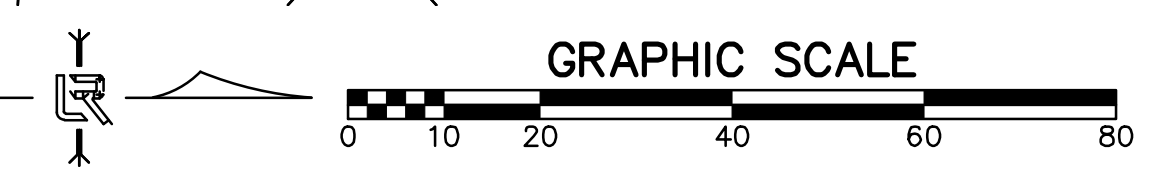
REFERENCE BENCHMARKS TABLE

POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
10000	REF BM	147648.39	1217087.23	345.57
10001	REF BM	147690.93	1217131.41	347.54
10002	REF BM	147709.01	1217097.24	348.04
10003	REF BM	147973.86	1217148.33	364.91
10004	REF BM	148032.67	1217145.19	365.95
10005	REF BM	148308.91	1217175.38	369.87
10006	REF BM	148312.73	1217107.25	369.21
10007	REF BM	148375.69	1217175.84	370.12

TEMPORARY BENCHMARK TABLE

POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
5	SET PK NAIL	148035.32	1217100.05	365.67
121	FIP R4 CAP	147979.50	1217100.49	364.66

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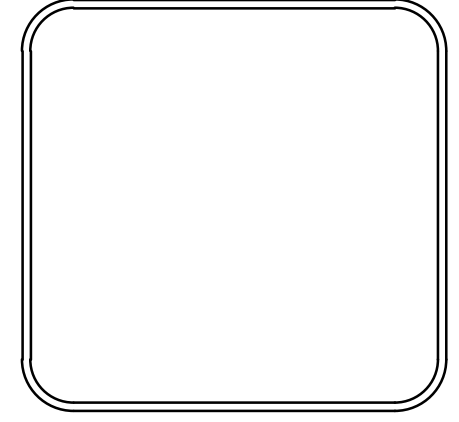


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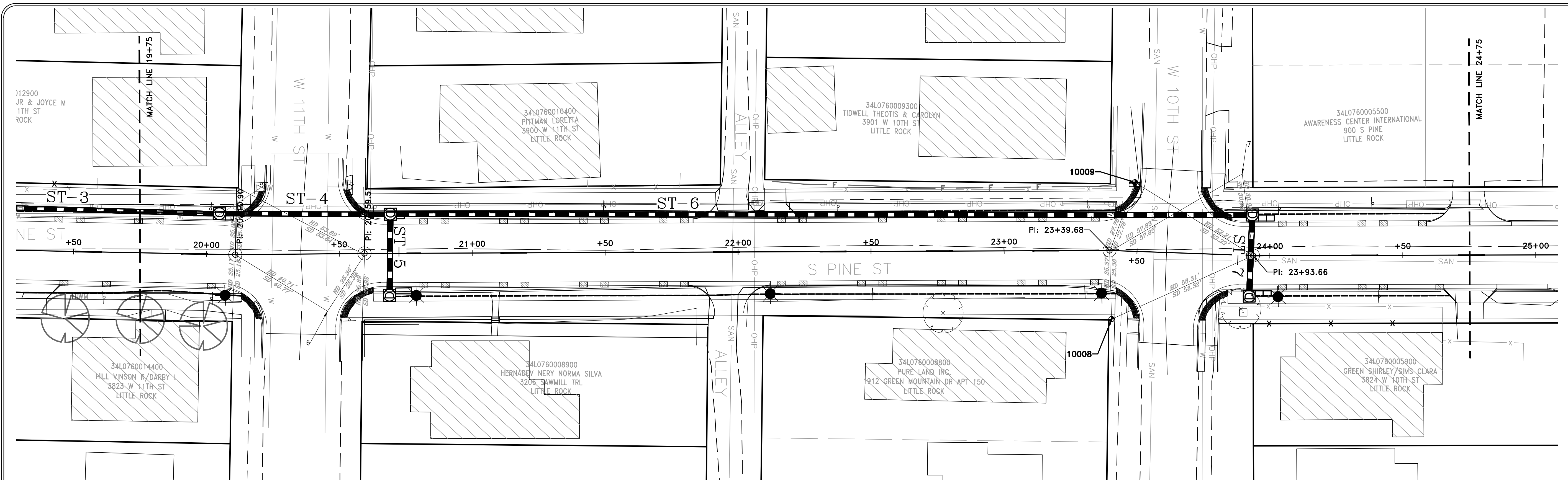
NO.	DATE	DESCRIPTION

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE ST CENTERLINE FIELD TIE-LAYOUT SHT 1
 STA 10+00 TO 19+75

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



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 BAP DATE
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 SCALE: 1"=20'
 PROJECT NO. 061552
 SHEET NO. C24



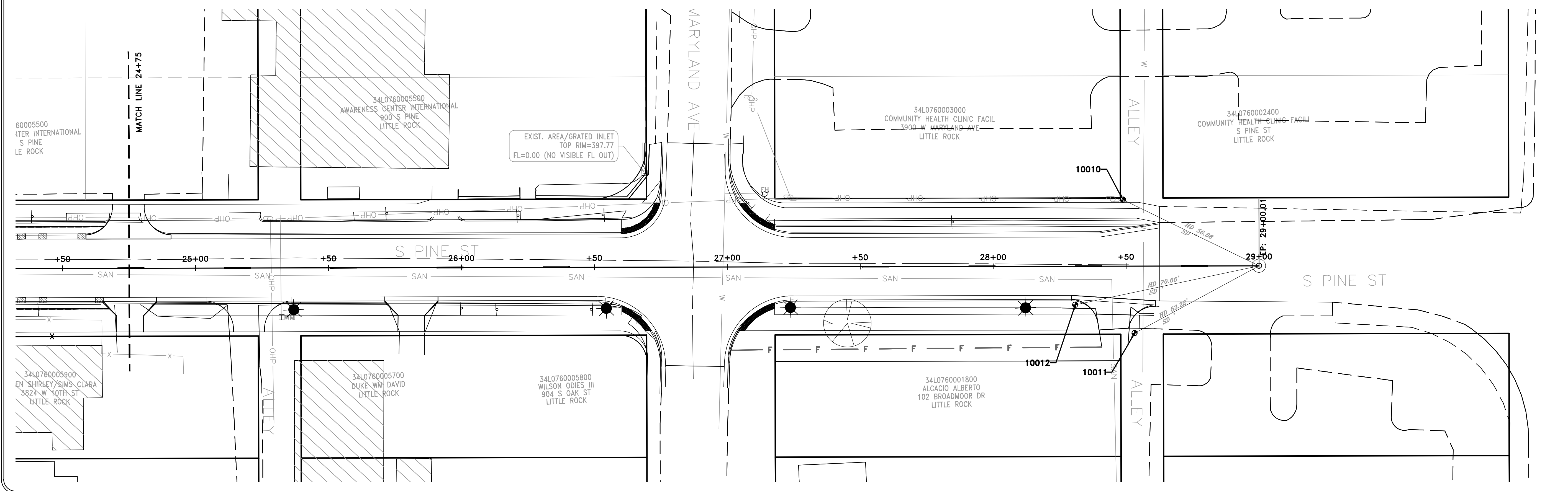
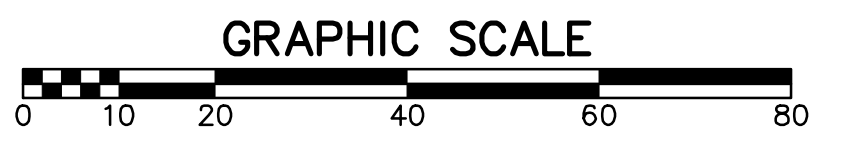
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POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
10008	REF BM	148979.87	1217196.96	396.30
10009	REF BM	148990.73	1217145.92	396.07
10010	REF BM	149489.84	1217167.55	390.47
10011	REF BM	149492.17	1217217.84	388.40
10012	REF BM	149470.30	1217206.29	388.69

TEMPORARY BENCHMARK TABLE

POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
6	SET PK NAIL	148685.40	1217182.15	379.92
7	SET PK NAIL	149031.13	1217144.34	397.29
108	FIP R4	148698.15	1217187.33	382.36
109	FIP R4 BENT	148653.71	1217134.54	377.06
119	FND PIPE PP	148649.42	1217184.58	378.44

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NO.	DATE	DESCRIPTION

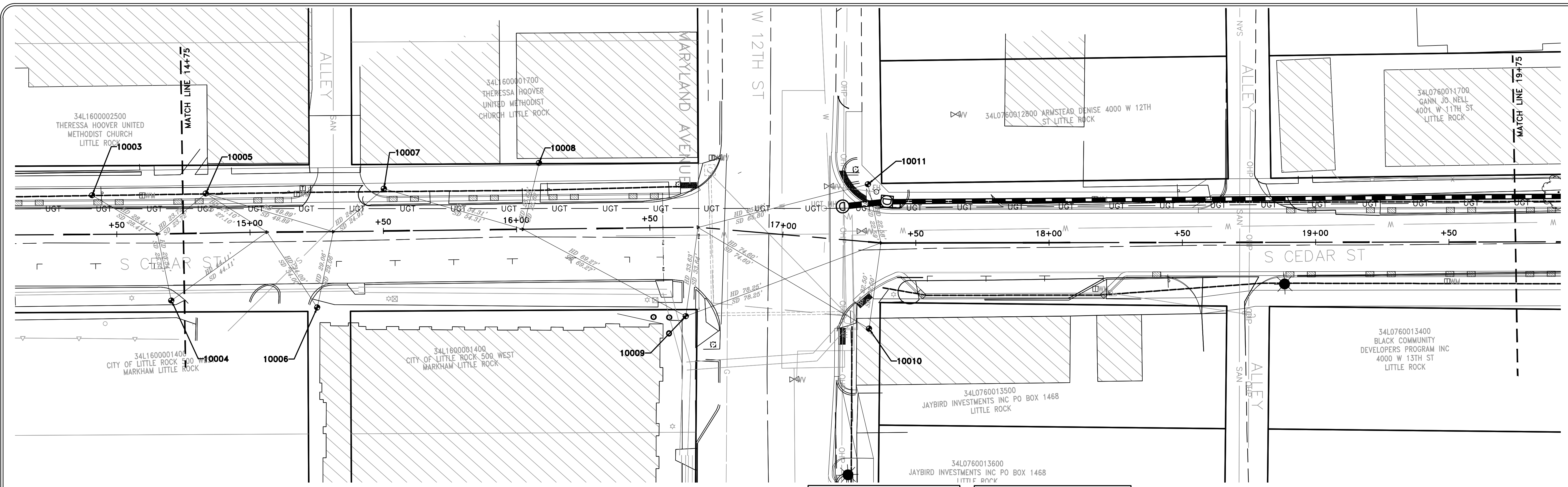
CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE ST CENTERLINE FIELD TIE-LAYOUT SHT 2
 STA 19+75 TO 29+00

DEPARTMENT OF PUBLIC WORKS
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 701 W. MARKHAM
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 PROJECT NO. 061552
 SHEET NO. C25

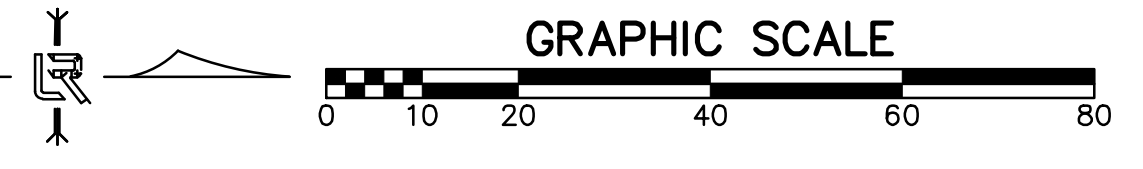
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
CEDAR ST CENTERLINE FIELD TIE-LAYOUT SHT 1
 STA 10+00 TO 19+75

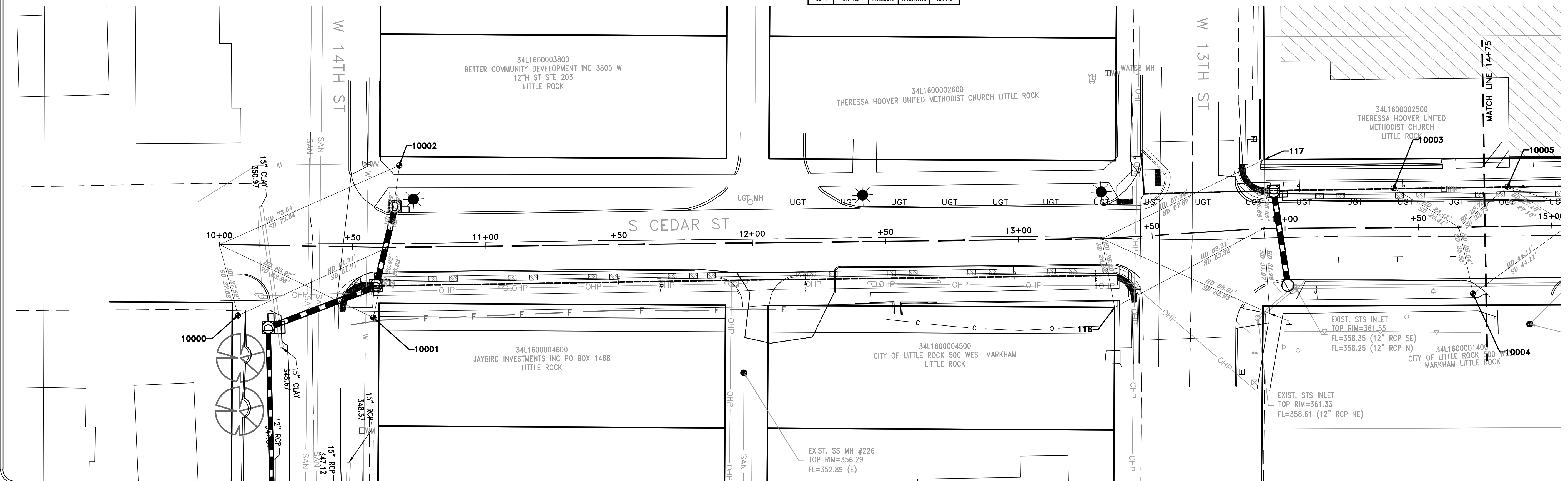


POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
10000	REF BM	147666.87	1216810.94	353.62
10001	REF BM	147717.52	1216814.43	352.75
10002	REF BM	147730.26	1216757.94	353.94
10003	REF BM	148102.37	1216786.02	361.77
10004	REF BM	148129.96	1216827.05	362.72
10005	REF BM	148144.99	1216787.64	362.60
10006	REF BM	148184.50	1216832.50	363.39
10007	REF BM	148211.78	1216789.32	363.33
10008	REF BM	148270.41	1216782.69	363.10
10009	REF BM	148322.36	1216843.03	363.58
10010	REF BM	148390.79	1216851.31	363.21
10011	REF BM	148393.22	1216797.13	362.46

POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
4	SET PK NAIL	148053.37	1216830.41	361.36
116	FTP R4 CAP	147995.46	1216825.11	361.62
117	FND PIPE 1/2M	148054.40	1216772.65	361.95

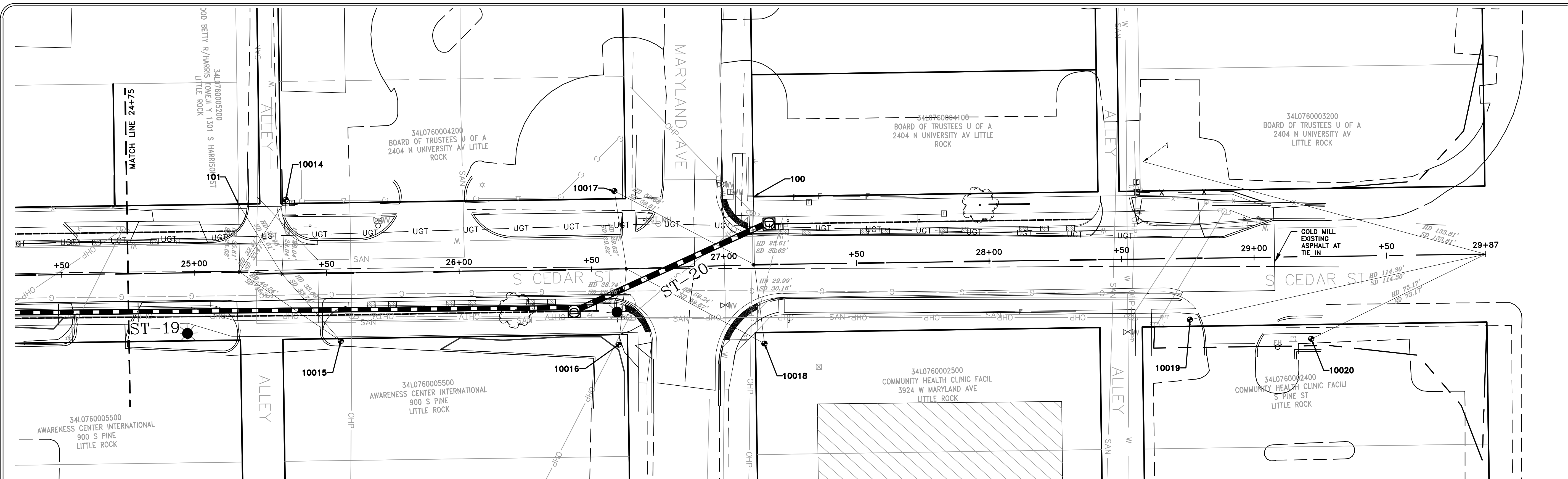


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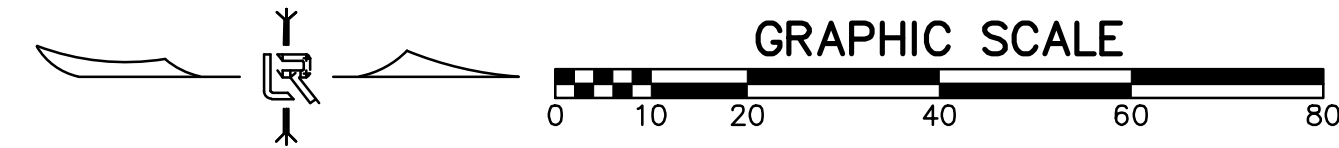
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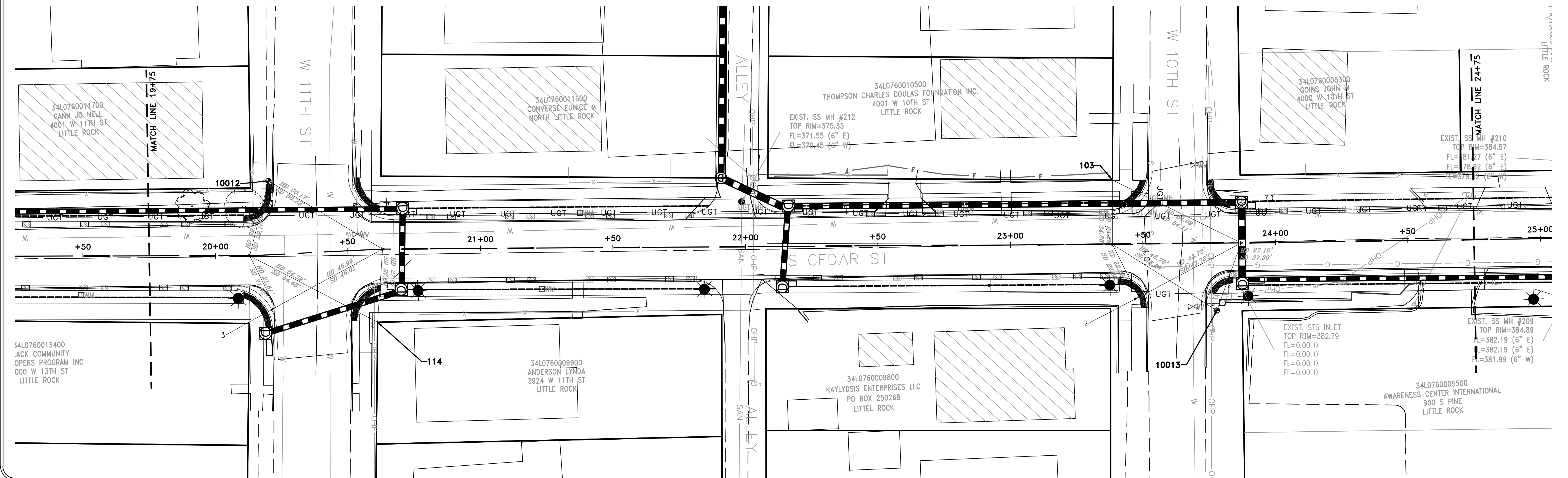


REFERENCE BENCHMARKS				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
10012	REF BM	148681.07	1216805.61	368.73
10013	REF BM	149035.90	1216873.25	385.33
10014	REF BM	149195.16	1216826.78	385.37
10015	REF BM	149213.10	1216881.14	387.52
10016	REF BM	149317.76	1216887.94	396.46
10017	REF BM	149319.13	1216830.07	393.90
10018	REF BM	149372.72	1216890.42	401.03
10019	REF BM	149533.53	1216889.86	407.97
10020	REF BM	149578.85	1216899.48	406.80

TEMPORARY BENCHMARKS				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
1	SET PK NAIL	149519.07	1216829.44	407.05
2	SET PK NAIL	149006.75	1216866.62	383.25
3	SET PK NAIL	148681.26	1216853.42	389.45
100	FND PIPE 1/2IN	149371.43	1216834.93	397.30
101	FIP R4 BENT	149177.28	1216827.55	384.40
103	FND PIPE 1IN	148999.12	1216821.93	380.98
105	FIP R4	148995.86	1216870.39	386.74
114	FIP R4	148719.41	1216861.02	372.04



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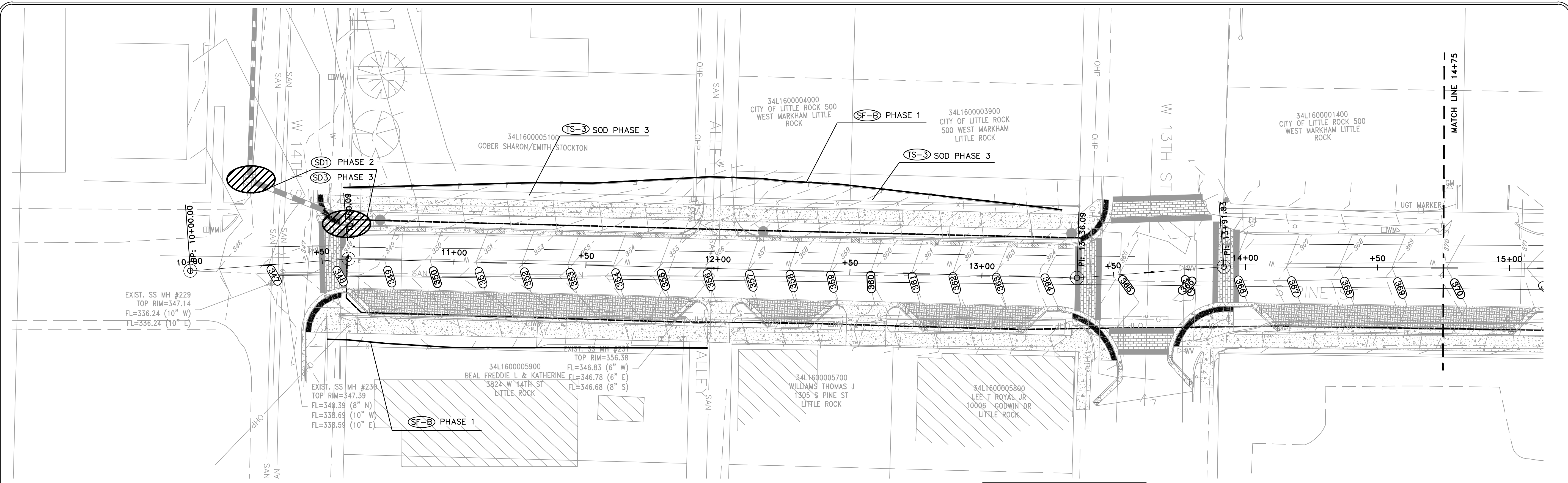


REVISIONS	DATE

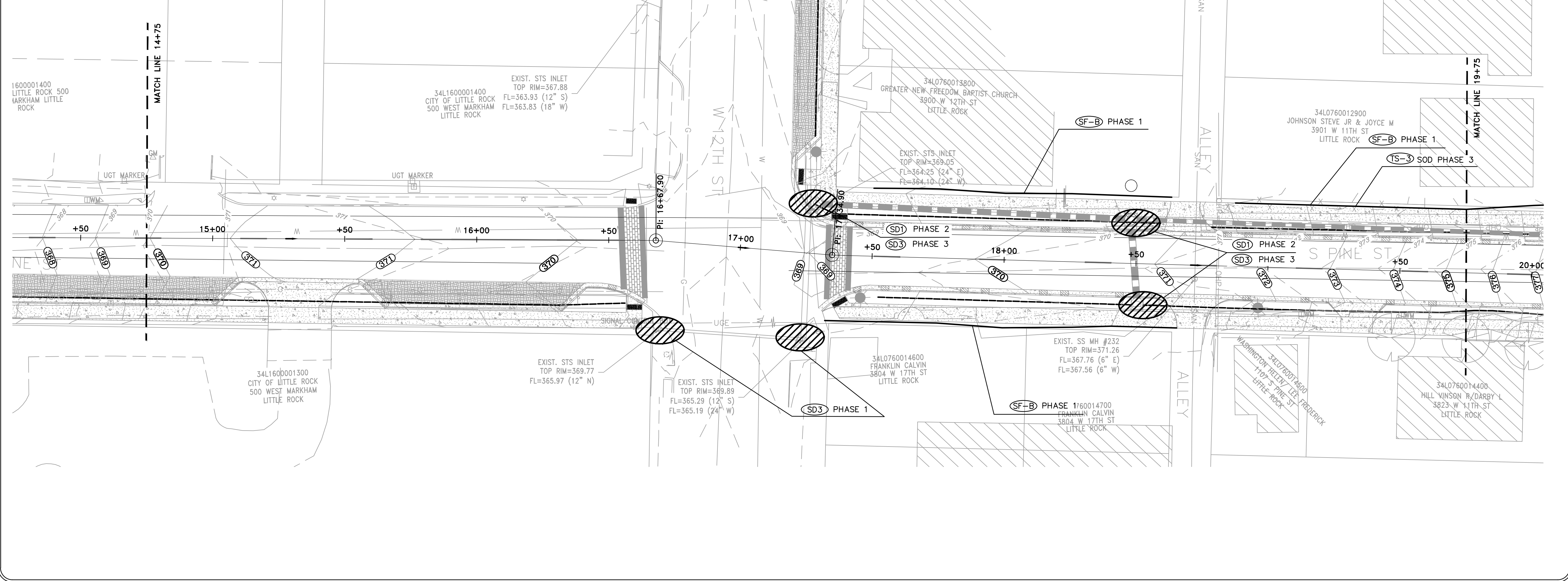
CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 CEDAR ST CENTERLINE FIELD TIE-LAYOUT SHT 2
 STA 19+75 TO 29+00

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 SCALE: 1"=20'
 PROJECT NO.
 061552
 SHEET NO.
 C27



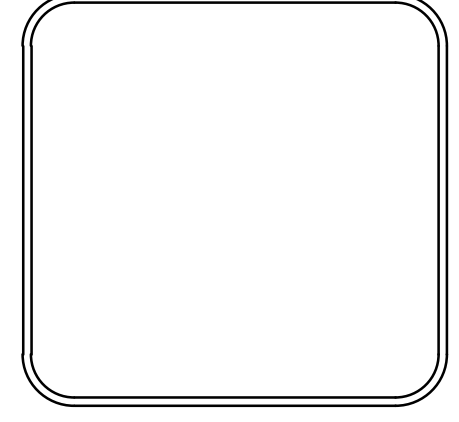
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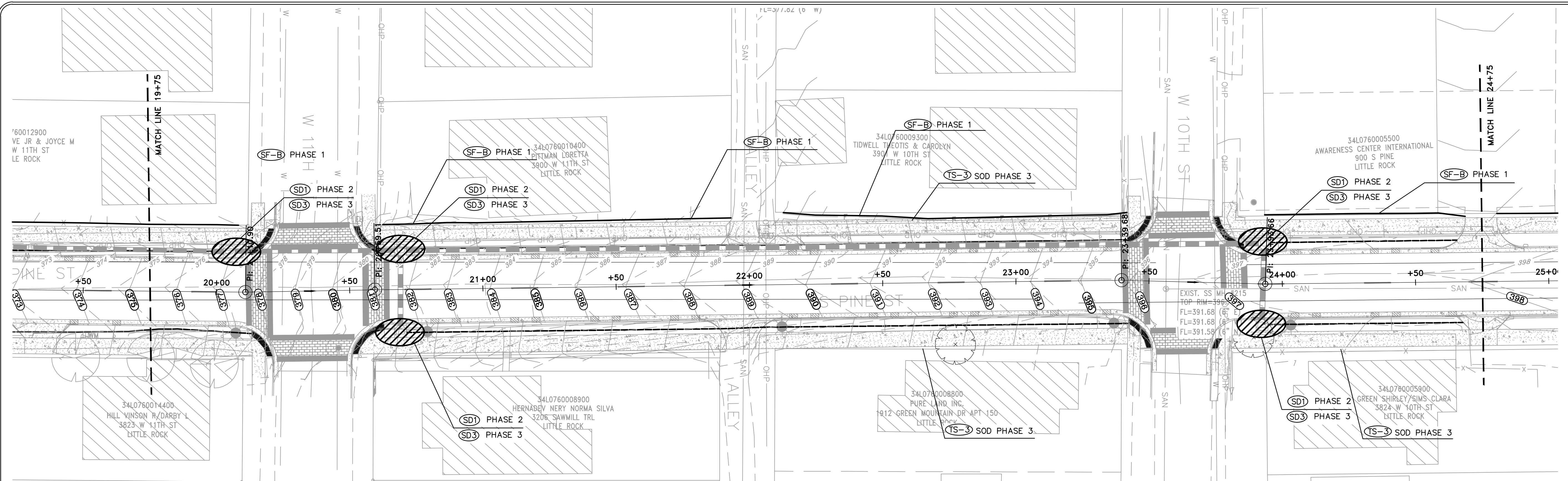
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CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE STREET EROSION CONTROL SHEET 1
 STA 10+00 TO 19+75

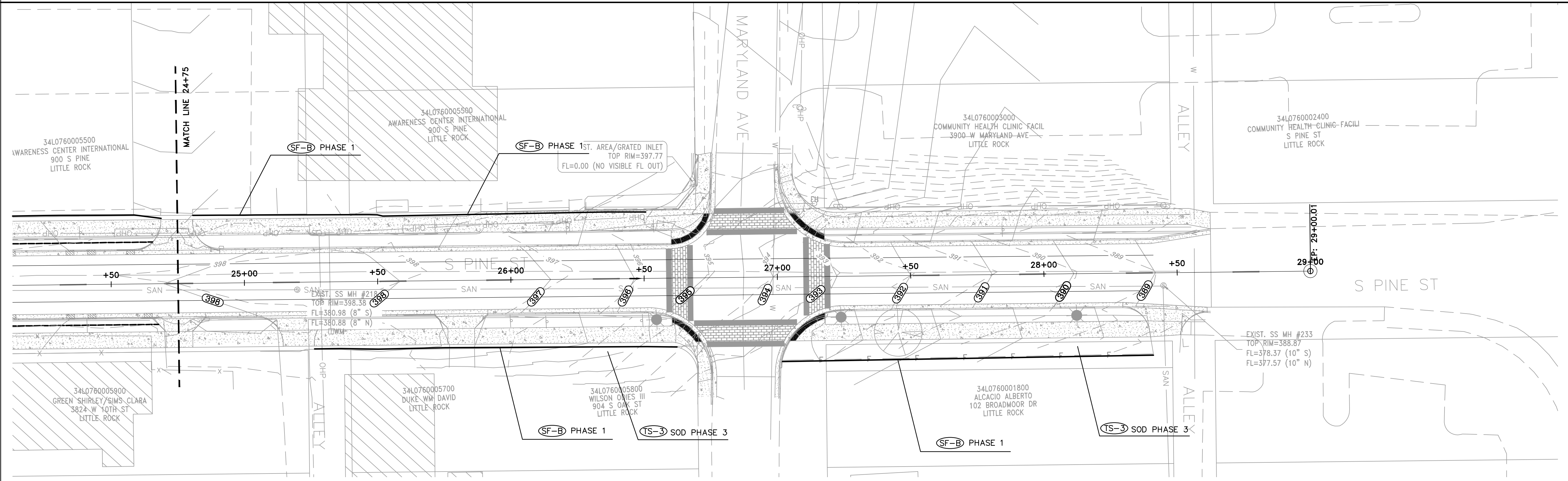
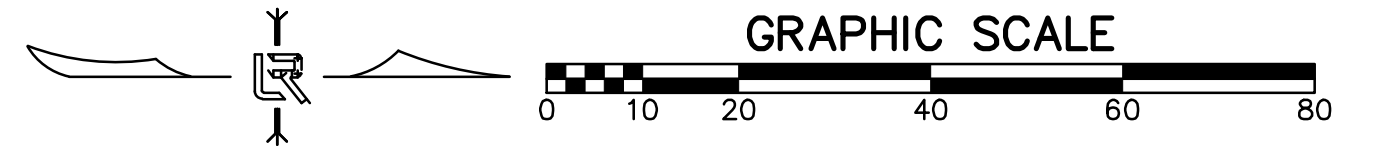
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 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



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DATE	08-13-2018
SCALE:	1"=20'
PROJECT NO.	061552
SHEET NO.	C28



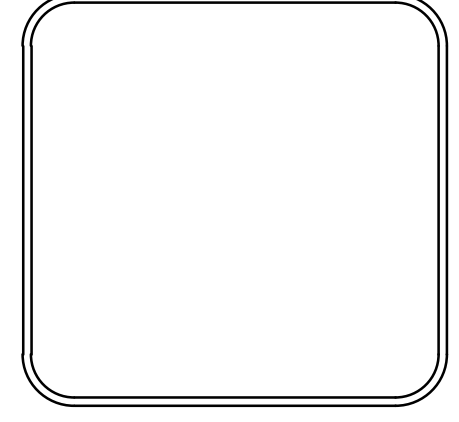
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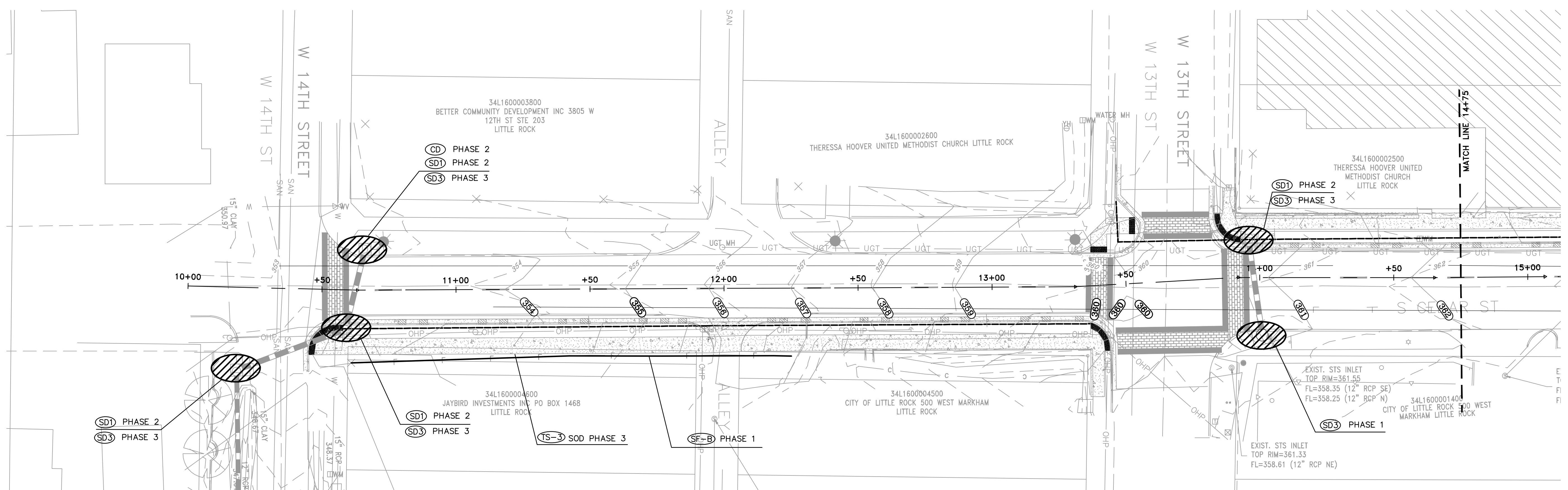
CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE STREET EROSION CONTROL SHEET 2
 STA 19+75 TO 29+00

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 701 W. MARKHAM
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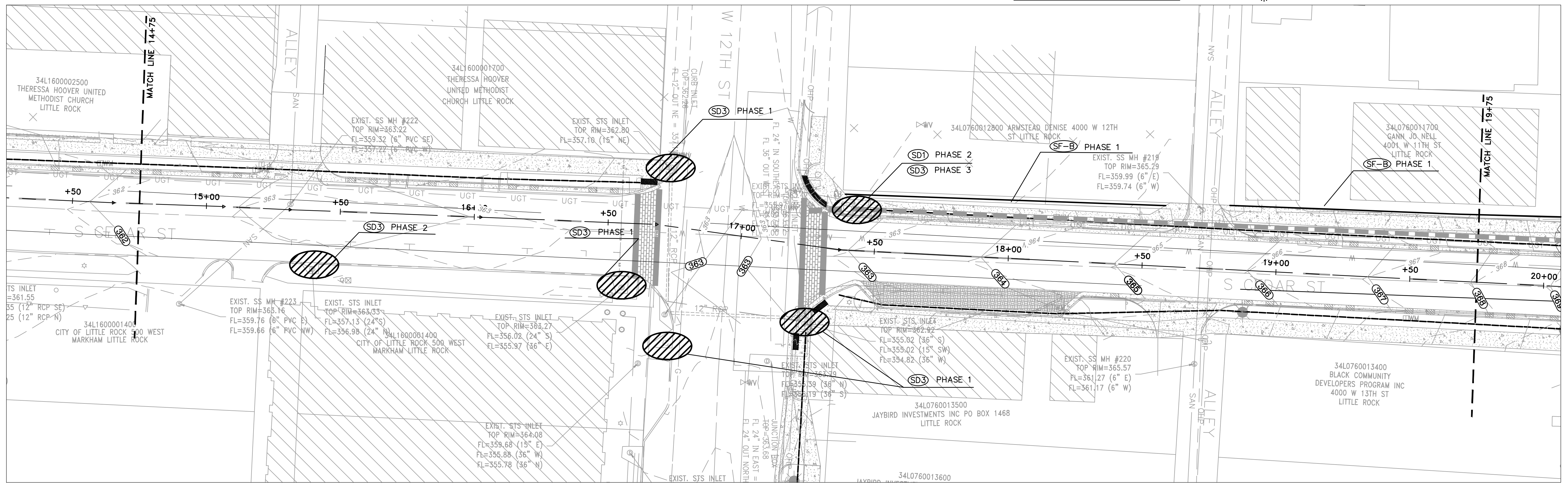


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SHEET NO.	C29

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CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 CEDAR STREET EROSION CONTROL SHEET 1
 STA 10+00 TO 19+75

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CHECKED	BAP
DATE	08-13-2018
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SHEET NO.	C30

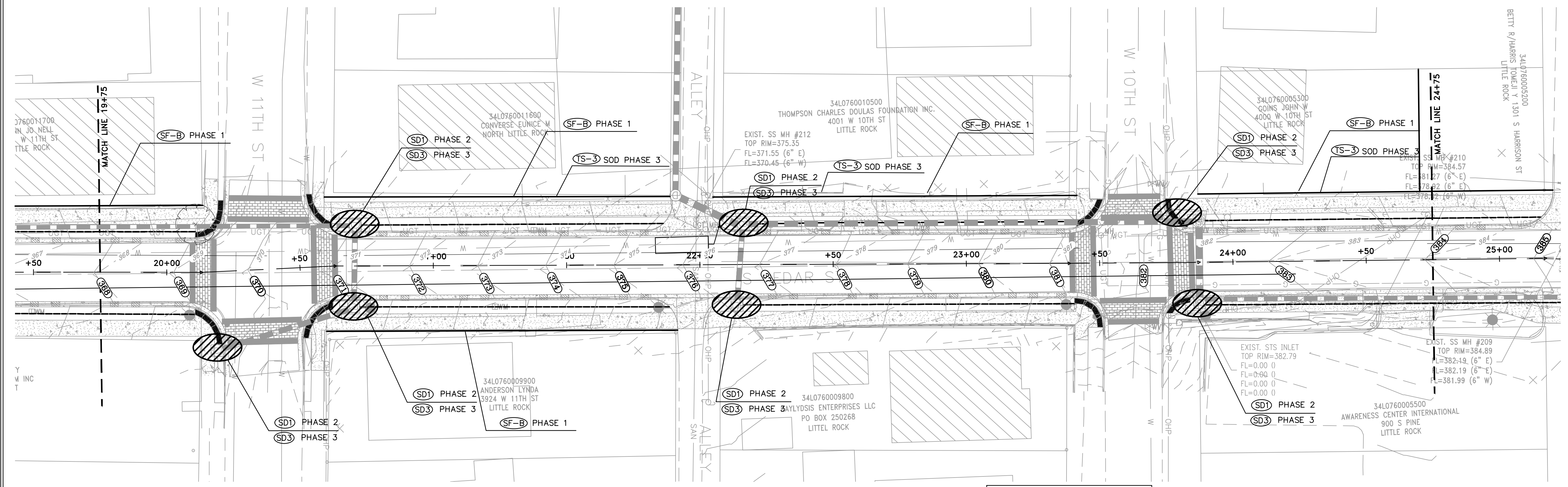
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
CEDAR STREET EROSION CONTROL SHEET 2
 STA 19+75 TO 29+00

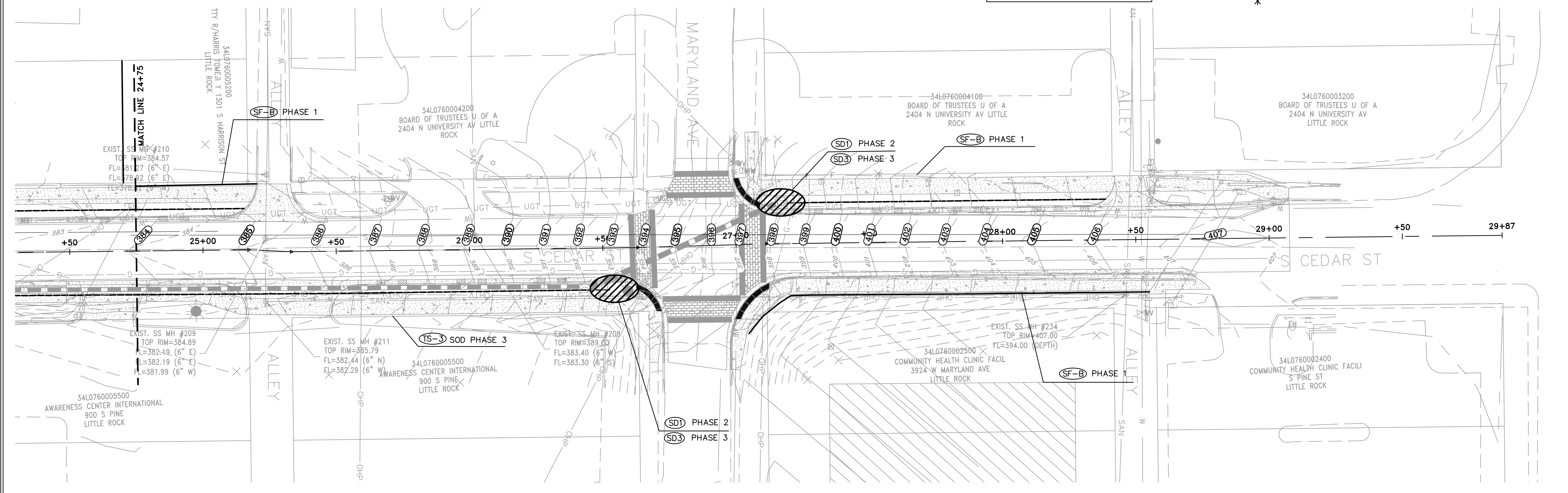

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061552
 SHEET NO.
C31

PHASING LEGEND
 PHASE 1 (INITIAL STRIP AND DEMOLITION)
 PHASE 2 (NEW DRAINAGE AND BASE COURSE IN PLACE)
 PHASE 3 (PAVED, GRASS NOT YET ESTABLISHED)

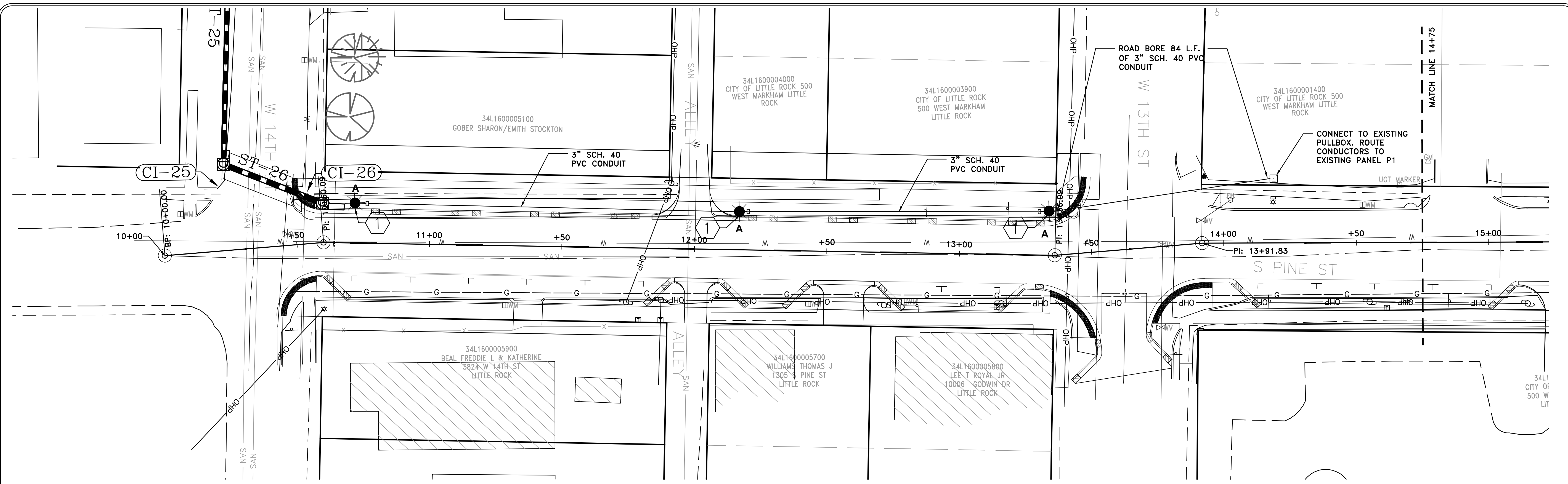


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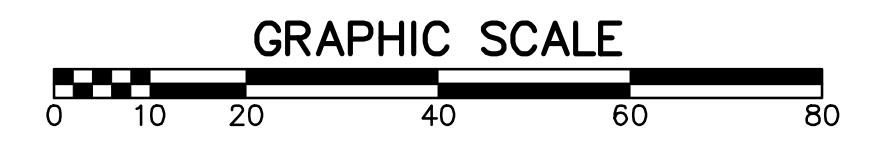
CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
PINE STREET LIGHTING - SHEET 1
 STA 10+00 TO 19+75



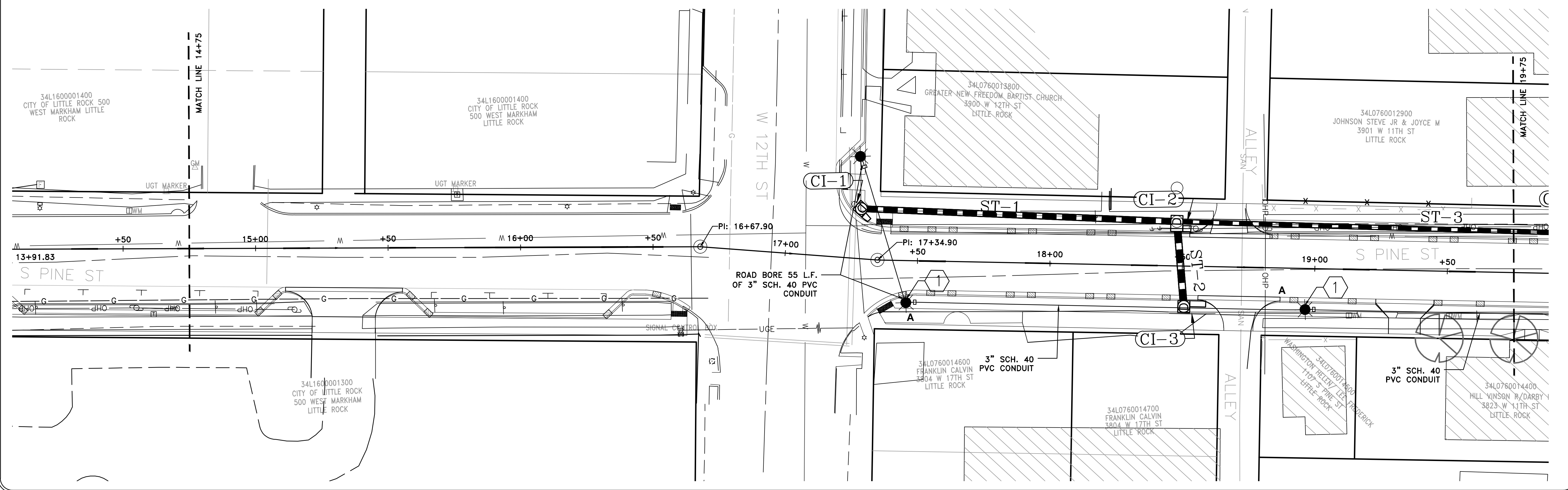
KEYED NOTES

- 1 INSTALL TYPE 2 HD PULL BOX WITH VANDAL RESISTANT INSERT; INSTALL 1" SCHEDULE 40 PVC CONDUIT FROM PULL BOX TO LIGHT POLE
- 2 INSTALL METERED ELECTRICAL PEDESTAL.

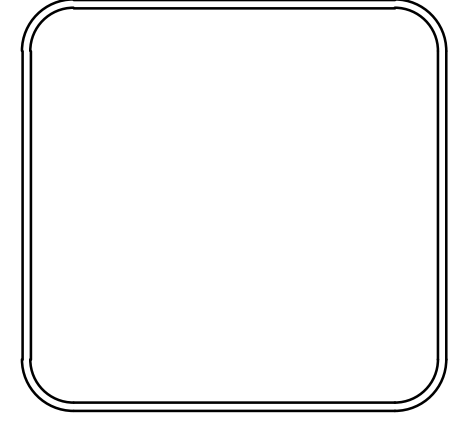
LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER & MODEL	LAMP	VOLTS	MAST ARM	POLE
A	EATON INVUE ECL LED-277-E1-5WQ-SO-BL-BK-VA6171-BK-OA/RA 1016	LED	277V	PEMCO ROADWAY PLA-908-1-PM-48-BK	PEMCO ROADWAY 5320-RTS/11-BK



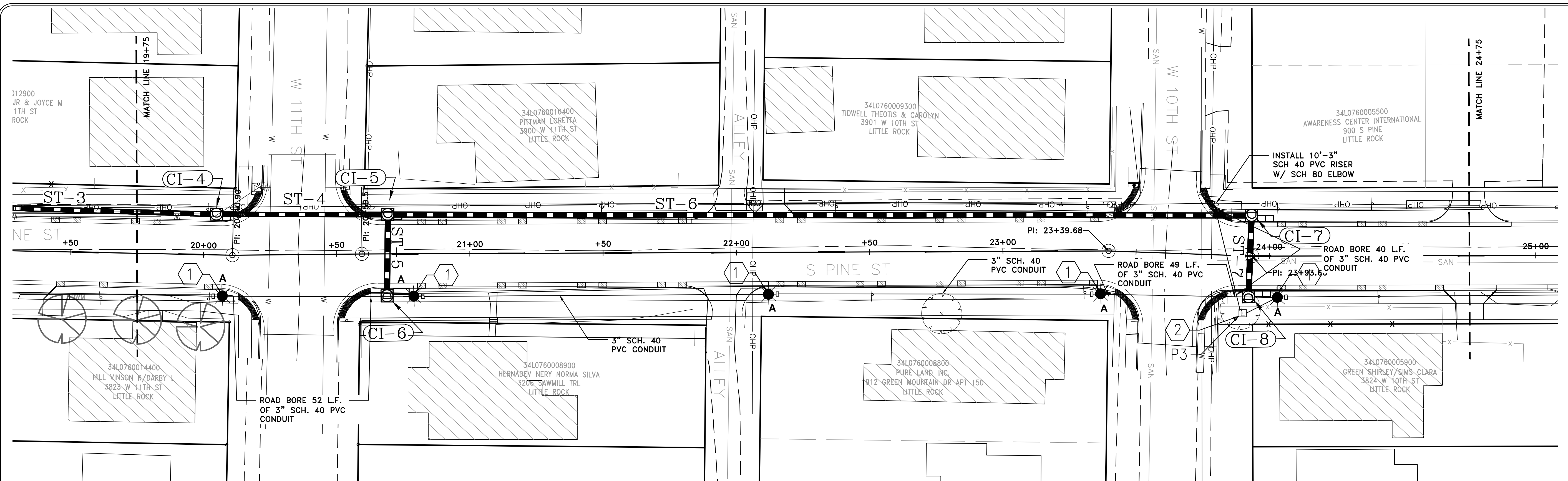
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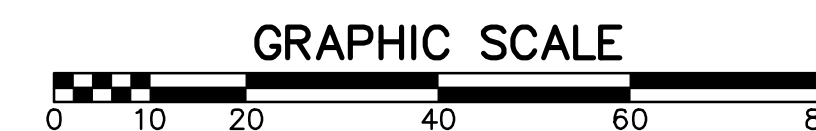
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SHEET NO. C32



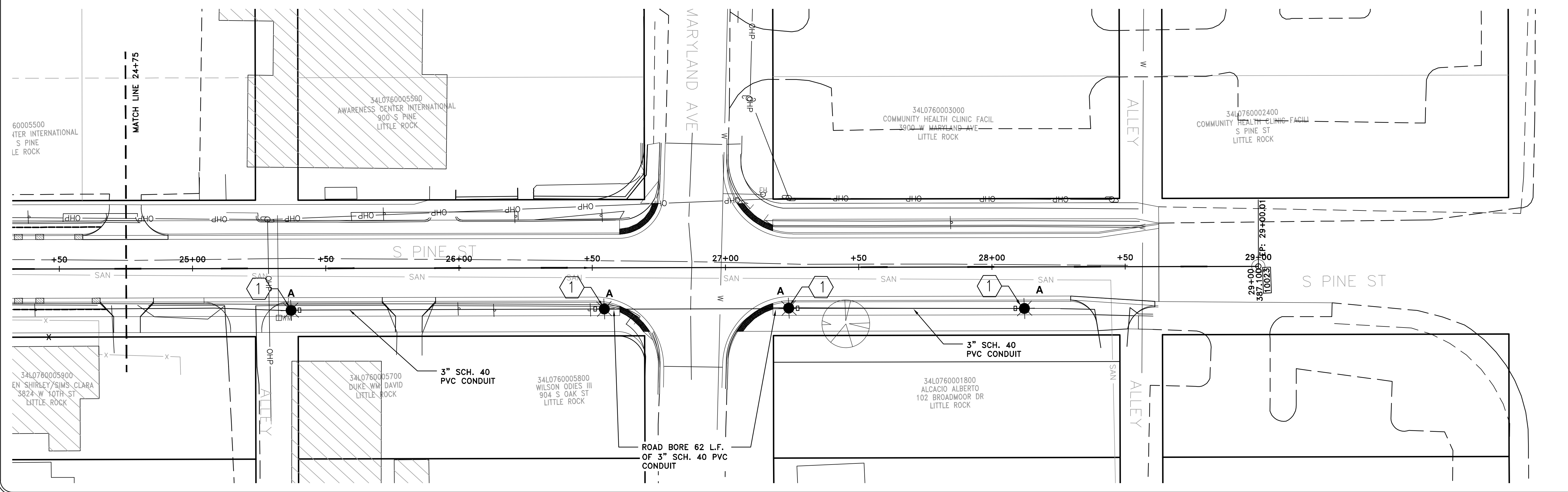
KEYED NOTES

- 1 INSTALL TYPE 2 HD PULL BOX WITH VANDAL RESISTANT INSERT; INSTALL 1" SCHEDULE 40 PVC CONDUIT FROM PULL BOX TO LIGHT POLE
- 2 INSTALL METERED ELECTRICAL PEDESTAL.

LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER & MODEL	LAMP	VOLTS	MAST ARM	POLE
A	EATON INVUE ECL LED-277-E1-5WQ-SO-BL-BK-VA6171-BK-OA/RA 1016	LED	277V	PEMCO ROADWAY PLA-908-1-PM-48-BK	PEMCO ROADWAY 5320-RTS/11-BK




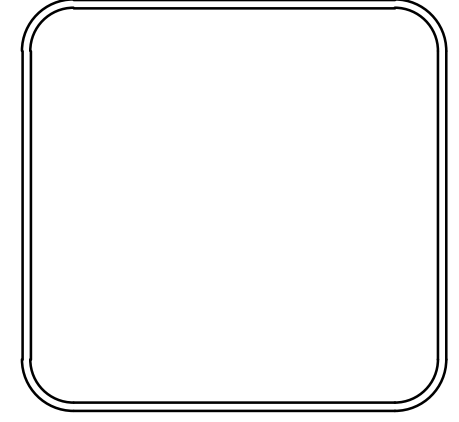
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CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
PINE STREET LIGHTING - SHEET 2
STA 19+75 TO 29+00

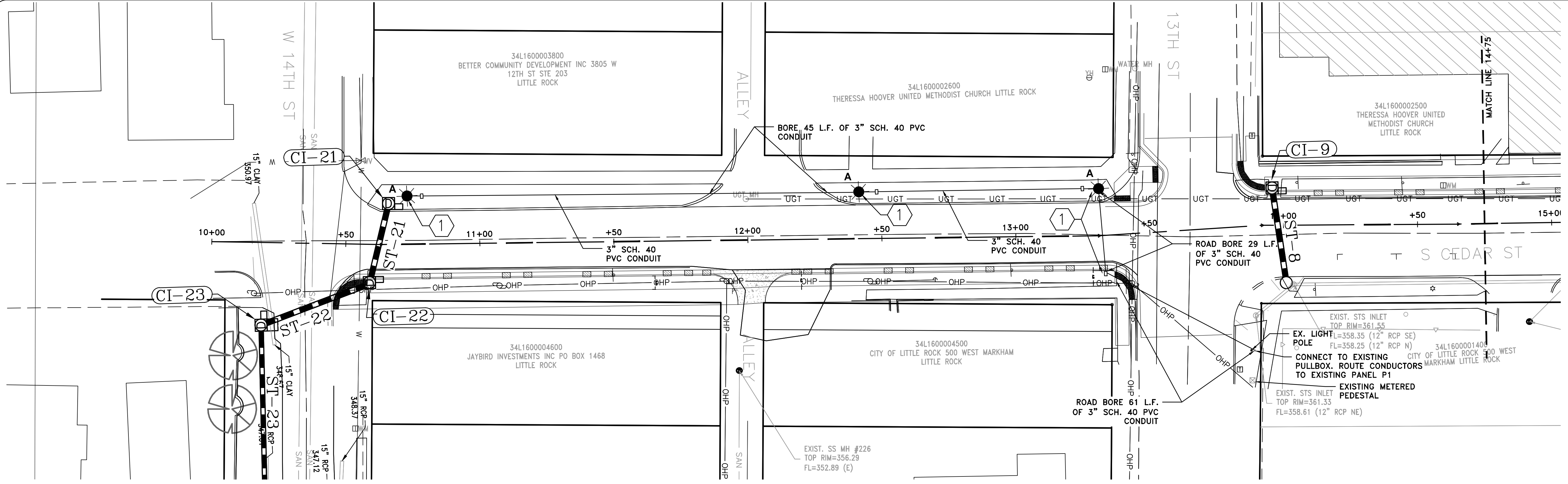

 DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



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 DATE 08-13-2018
 SCALE: 1"=20'
 PROJECT NO. 061552
 SHEET NO. C33

REVISIONS	DATE

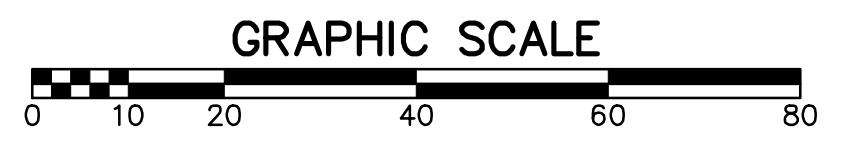
CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
CEDAR STREET LIGHTING - SHEET 1
 STA 10+00 TO 19+75



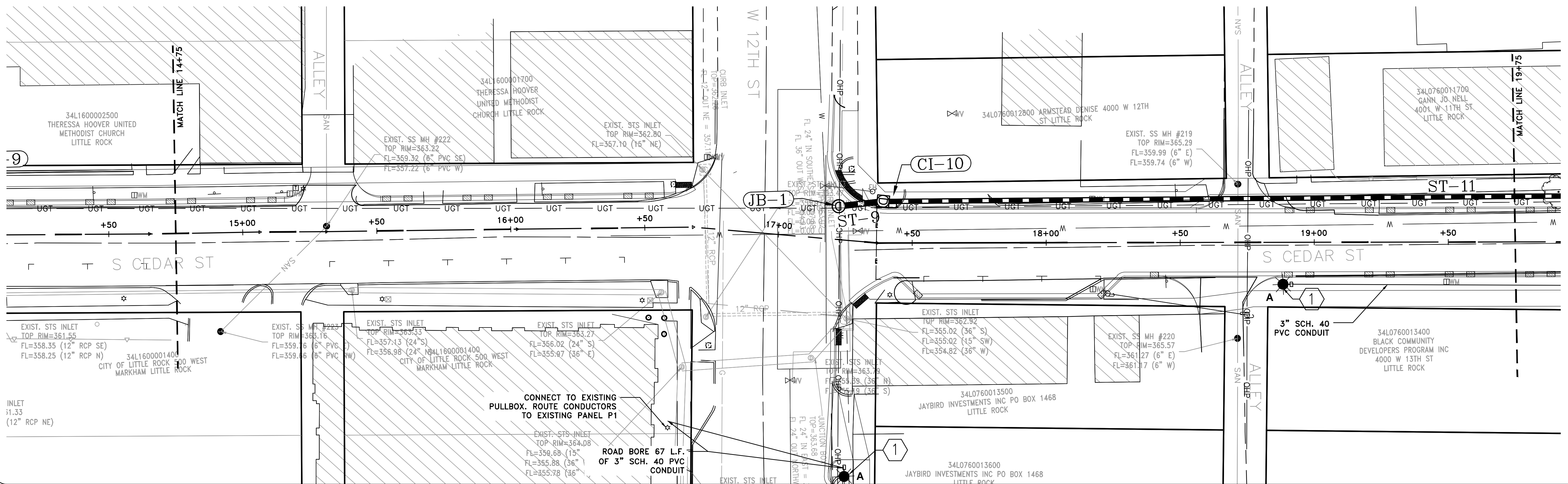
KEYED NOTES

- 1 INSTALL TYPE 2 HD PULL BOX WITH VANDAL RESISTANT INSERT; INSTALL 1" SCHEDULE 40 PVC CONDUIT FROM PULL BOX TO LIGHT POLE
- 2 INSTALL METERED ELECTRICAL PEDESTAL.

LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER & MODEL	LAMP	VOLTS	MAST ARM	POLE
A	EATON INVUE ECL LED-277-E1-5WQ-SO-BL-BK-VA6171-BK-OA/RA 1016	LED	277V	PEMCO ROADWAY PLA-908-1-PM-48-BK	PEMCO ROADWAY 5320-RTS/11-BK

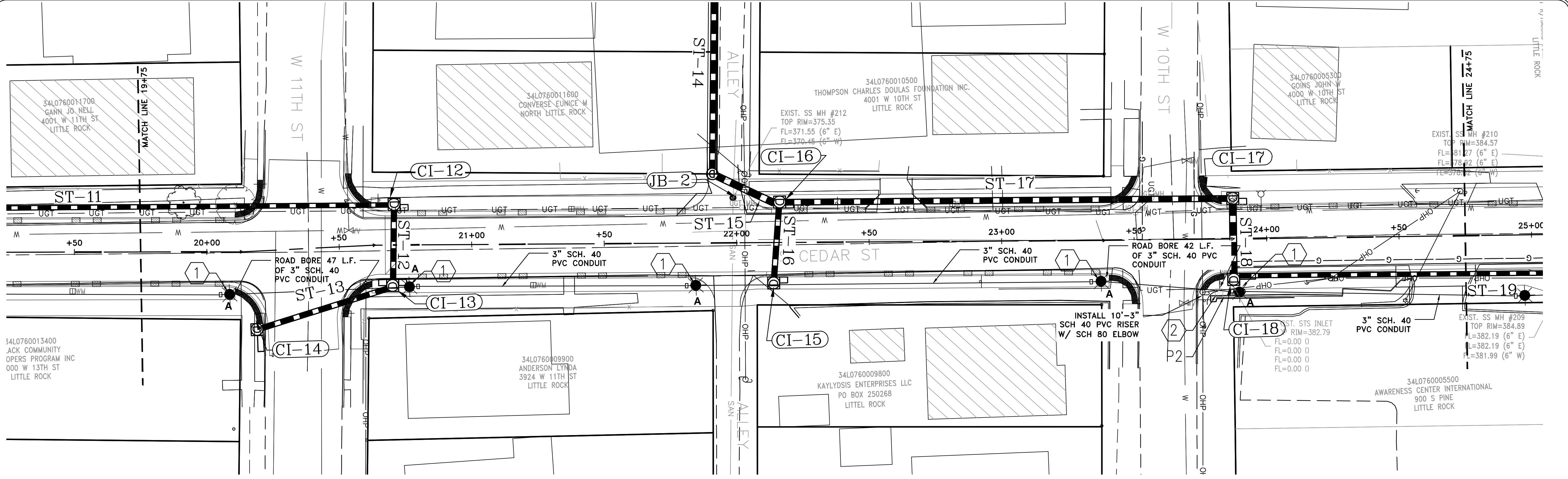


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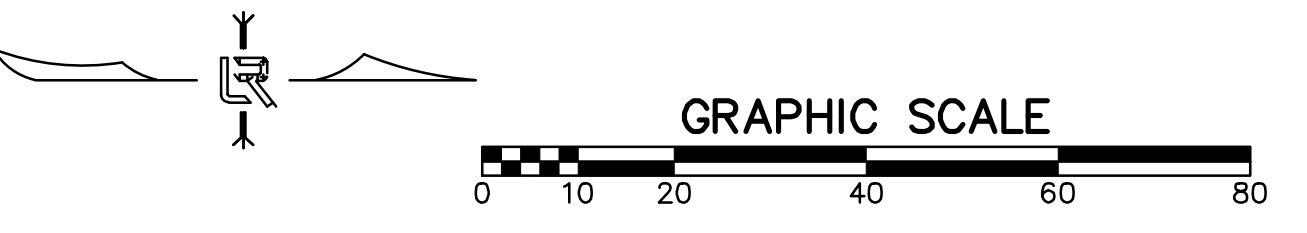
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SHEET NO.
C34



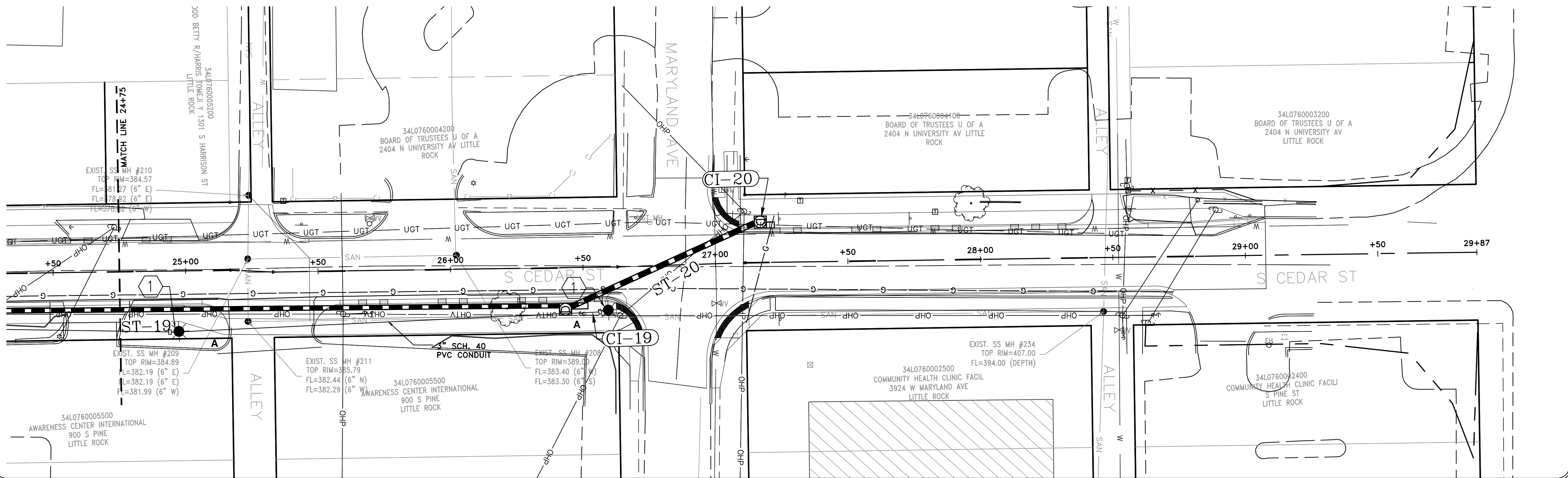
KEYED NOTES

- 1 INSTALL TYPE 2 HD PULL BOX WITH VANDAL RESISTANT INSERT; INSTALL 1" SCHEDULE 40 PVC CONDUIT FROM PULL BOX TO LIGHT POLE
- 2 INSTALL METERED ELECTRICAL PEDESTAL.

LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER & MODEL	LAMP	VOLTS	MAST ARM	POLE
A	EATON INVUE ECL LED-277-E1-5WQ-SO-BL-BK-VA6171-BK-OA/RA 1016	LED	277V	PEMCO ROADWAY PLA-908-1-PM-48-BK	PEMCO ROADWAY 5320-RTS/11-BK



90% SUBMITTAL

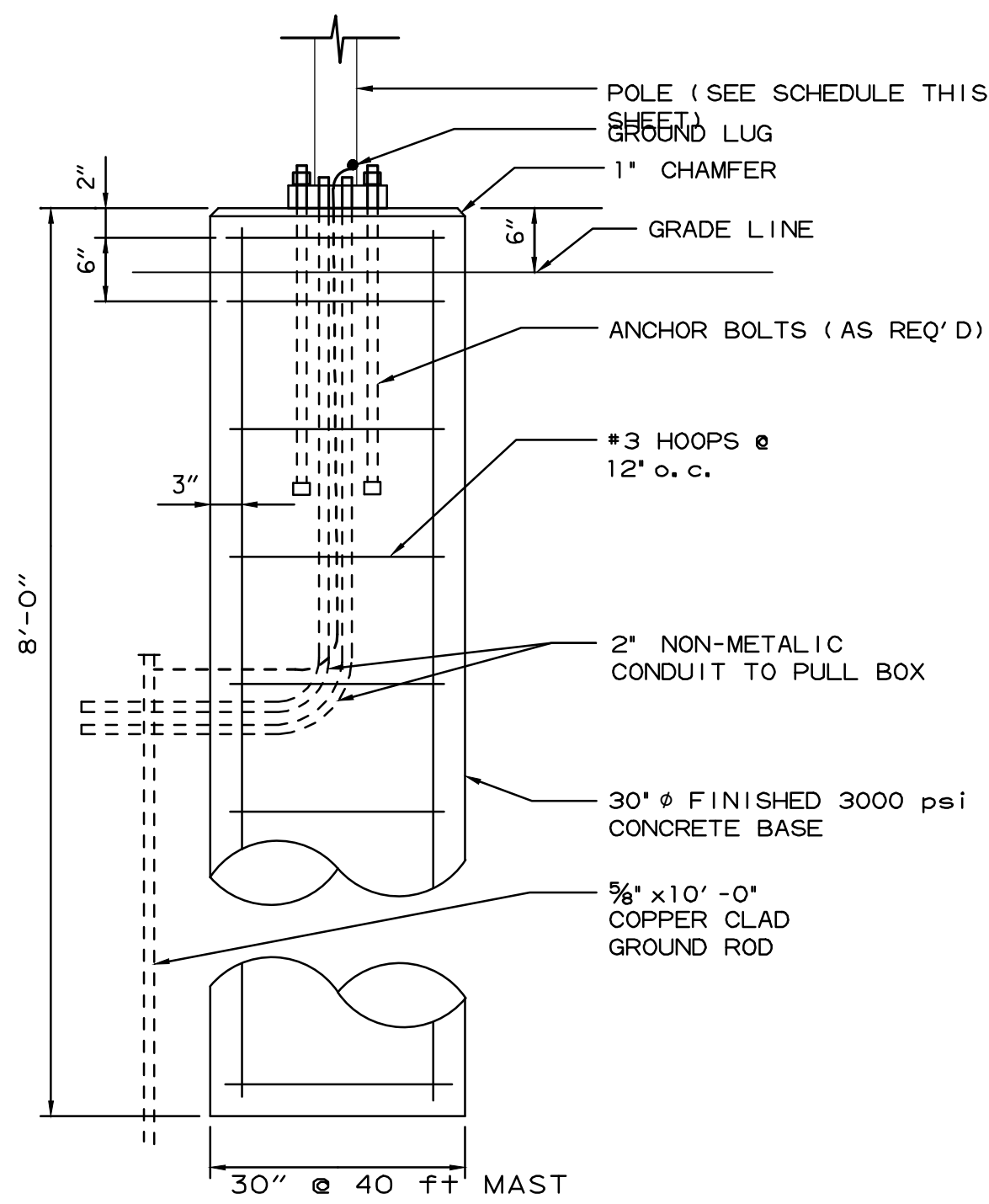


REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
CEDAR STREET LIGHTING - SHEET 2
 STA 19+75 TO 29+00

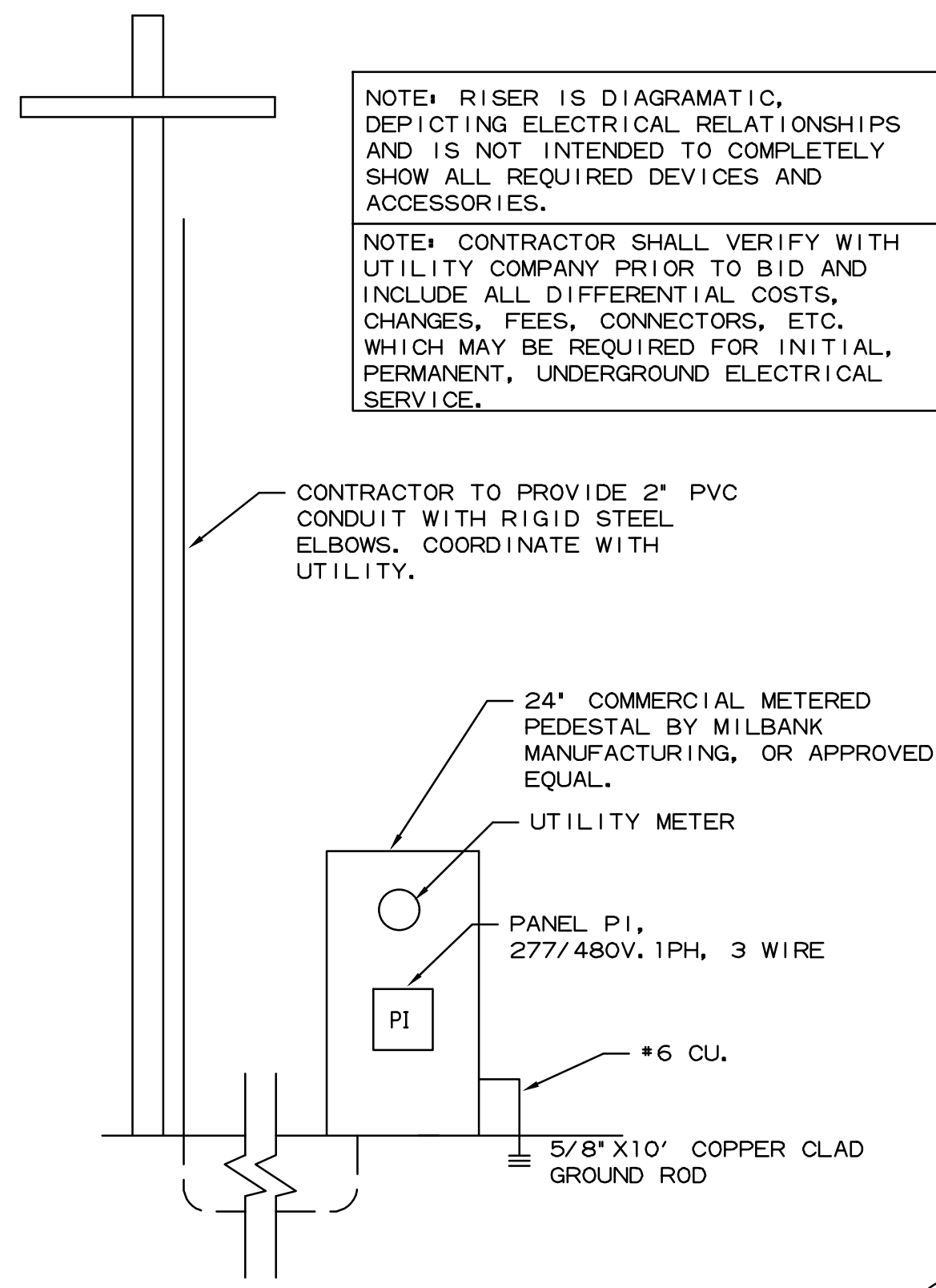
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DATE 08-13-2018
SCALE: 1"=20'
PROJECT NO. 061552
SHEET NO. C35



LIGHT POLE DETAIL
NTS

T-3



ELECTRICAL RISER DIAGRAM
NTS

T-4

P1		ELECTRICAL PANEL																	
AMP RATING		100		PHASE			1			SECTION(S)			1			MIN. AMP INT. CAPACITY			
MAIN BREAKER				WIRE W/GRD. BAR			3			TYPE						MOUNTING		SURFACE	
VOLTS		277 / 480		CIRCUIT			12			BUS			COPPER			NEMA		3R	
CATEGORY	SERVES	LOAD IN AMPS		WIRE		TRIP/ POLES	CIRCUIT NO.	CIRCUIT NO.	TRIP/ POLES	WIRE		LOAD IN AMPS		SERVES	CATEGORY				
		A	B	Ø & N	EGC					Ø & N	EGC	A	B						
	EX. LIGHTS - S. CEDAR, W. 13TH STREET	2.1		10	10	20/2	1	2	20/2	10	10	2.1		EX. LIGHTS - W.12TH, S.PINE, W.13TH STREET					
	NEW LIGHTS - CEDAR STREET, 13TH TO 14TH ST.		2.1	10		20/1	3	4	-	10			2.1	NEW LIGHTS - PINE STREET, 13TH TO 14TH ST.					
	NEW LIGHTS - CEDAR STREET, 12TH STREET					20/1	7	8	20/1										
						20/1	9	10	20/1					SPARE					
						20/1	11	12	20/1					SPARE					
TOTAL LOAD PER PHASE (AMPS)		PHASE A		4.2		TOTAL CONNECTED LOAD (KVA)		2.3		LOAD PER CATEGORY (AMPS)		LIGHTING		0.0		HEATING		0.0	
		PHASE B		4.2		DEMAND LINE (AMPS)		3.2				RECEPTACLES		0.0		COOLING		0.0	
						ESTIMATED DEMAND LOAD (KVA)		0.0				FAN MOTORS		0.0		MISC.		0.0	

P2		ELECTRICAL PANEL																	
AMP RATING		100		PHASE			1			SECTION(S)			1			MIN. AMP INT. CAPACITY			
MAIN BREAKER				WIRE W/GRD. BAR			3			TYPE						MOUNTING		SURFACE	
VOLTS		277 / 480		CIRCUIT			12			BUS			COPPER			NEMA		3R	
CATEGORY	SERVES	LOAD IN AMPS		WIRE		TRIP/ POLES	CIRCUIT NO.	CIRCUIT NO.	TRIP/ POLES	WIRE		LOAD IN AMPS		SERVES	CATEGORY				
		A	B	Ø & N	EGC					Ø & N	EGC	A	B						
	NEW LIGHTS - CEDAR ST., 12TH TO 10TH ST.					20/2	1	2	20/2					NEW LIGHTS - CEDAR ST., 10TH TO MARYLAND ST.					
	SPARE					20/1	3	4	-					SPARE					
	SPARE					20/1	5	6	20/1					SPARE					
	SPARE					20/1	7	8	20/1					SPARE					
	SPARE					20/1	9	10	20/1					SPARE					
	SPARE					20/1	11	12	20/1					SPARE					
TOTAL LOAD PER PHASE (AMPS)		PHASE A		0.0		TOTAL CONNECTED LOAD (KVA)		0.0		LOAD PER CATEGORY (AMPS)		LIGHTING		0.0		HEATING		0.0	
		PHASE B		0.0		DEMAND LINE (AMPS)		0.0				RECEPTACLES		0.0		COOLING		0.0	
						ESTIMATED DEMAND LOAD (KVA)		0.0				FAN MOTORS		0.0		MISC.		0.0	

P3		ELECTRICAL PANEL																	
AMP RATING		100		PHASE			1			SECTION(S)			1			MIN. AMP INT. CAPACITY			
MAIN BREAKER				WIRE W/GRD. BAR			3			TYPE						MOUNTING		SURFACE	
VOLTS		277 / 480		CIRCUIT			12			BUS			COPPER			NEMA		3R	
CATEGORY	SERVES	LOAD IN AMPS		WIRE		TRIP/ POLES	CIRCUIT NO.	CIRCUIT NO.	TRIP/ POLES	WIRE		LOAD IN AMPS		SERVES	CATEGORY				
		A	B	Ø & N	EGC					Ø & N	EGC	A	B						
	NEW LIGHTS - PINE ST., 12TH TO 10TH ST.					20/2	1	2	20/2					NEW LIGHTS - PINE ST., 10TH TO MARYLAND ST.					
	SPARE					20/1	3	4	-					SPARE					
	SPARE					20/1	5	6	20/1					SPARE					
	SPARE					20/1	7	8	20/1					SPARE					
	SPARE					20/1	9	10	20/1					SPARE					
	SPARE					20/1	11	12	20/1					SPARE					
TOTAL LOAD PER PHASE (AMPS)		PHASE A		0.0		TOTAL CONNECTED LOAD (KVA)		0.0		LOAD PER CATEGORY (AMPS)		LIGHTING		0.0		HEATING		0.0	
		PHASE B		0.0		DEMAND LINE (AMPS)		0.0				RECEPTACLES		0.0		COOLING		0.0	
						ESTIMATED DEMAND LOAD (KVA)		0.0				FAN MOTORS		0.0		MISC.		0.0	

STREET LIGHT SCHEDULE					
	FIXTURE	LAMP	VOLT	MAST ARM	POLE
A	EATON INVUE ECL-LED-277-E1-5WQ-S0-BL-BK-VA6171-BK-0A/RA 1016	LED	277V	PEMCO ROADWAY PLA-908-1-PM-48-BK	PEMCO ROADWAY 5320-RTS/11-BK

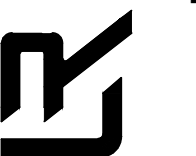
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CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
LIGHTING DETAILS & PANEL SCHEDULES



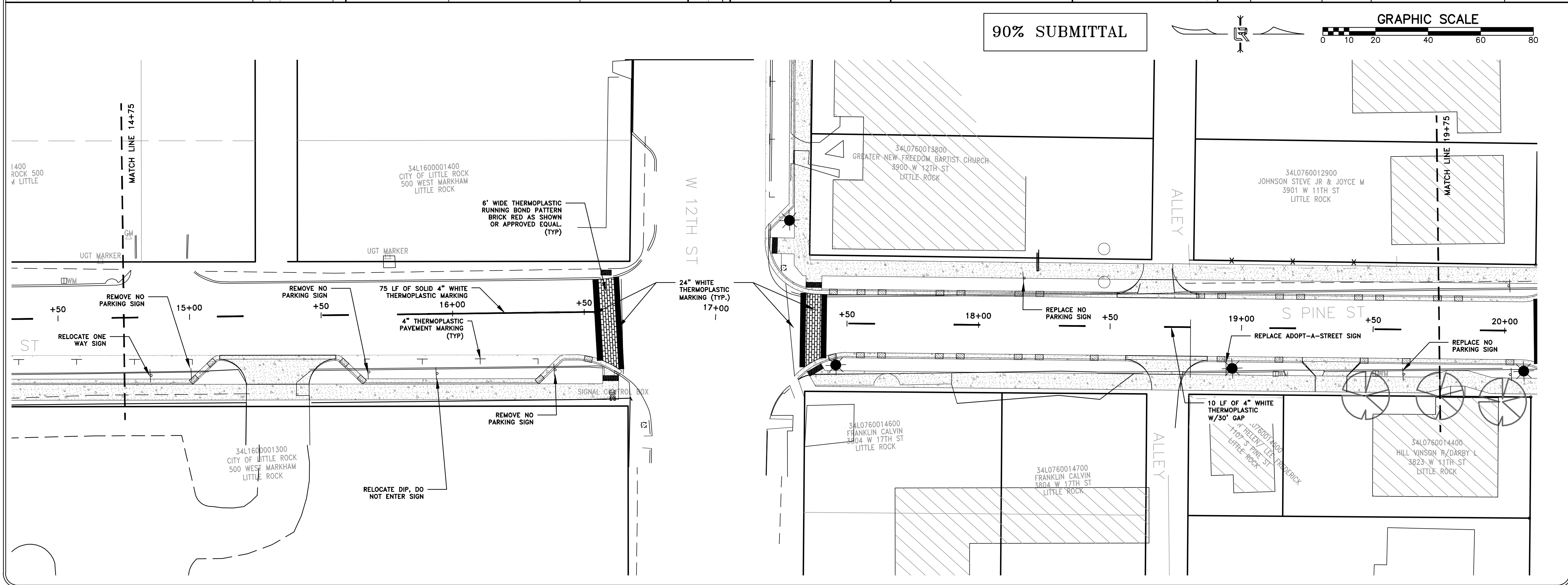
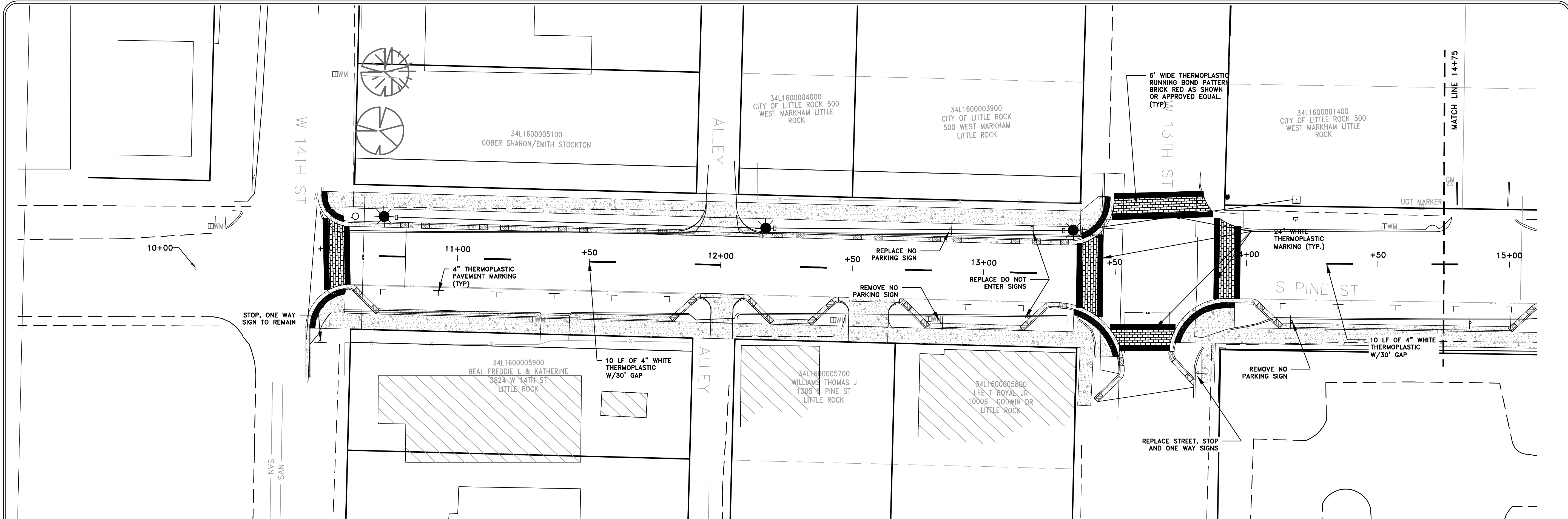
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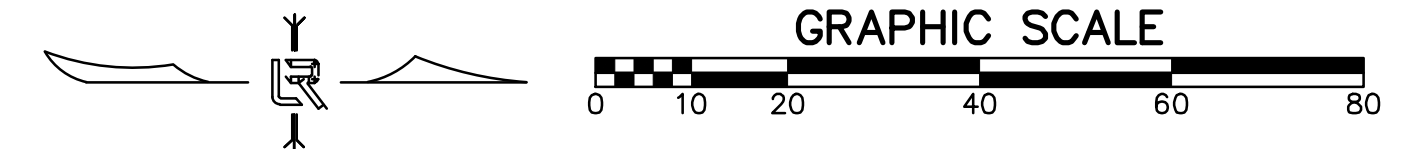
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08-13-2018

PROJECT NO.
061552

SHEET NO.
C36



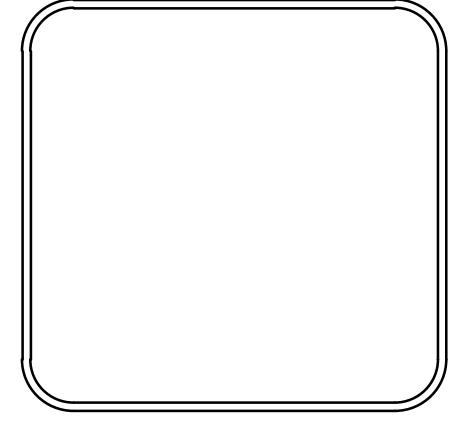
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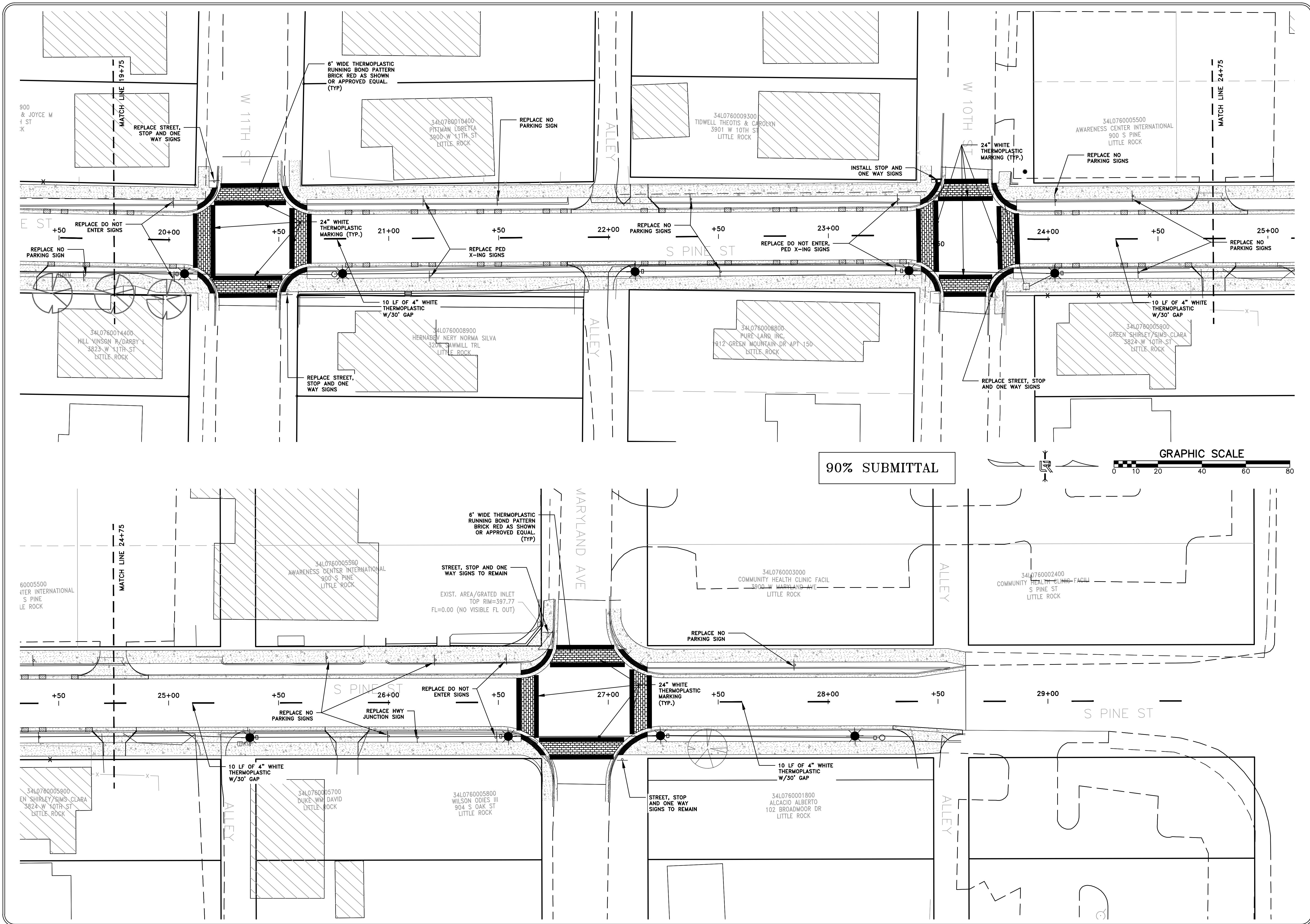
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
PINE ST. STRIPING & SIGNAGE SHT. 1
 STA 10+00 TO 15+00

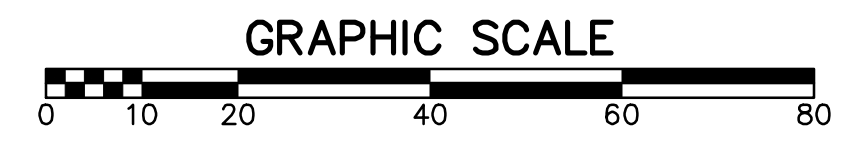
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 DESIGNED TH
 TDF
 CHECKED TH
 BAP
 DATE 08-13-2018
 SCALE H: 1"=20'
 V: 1"=5'
 PROJECT NO. 061552
 SHEET NO. C37



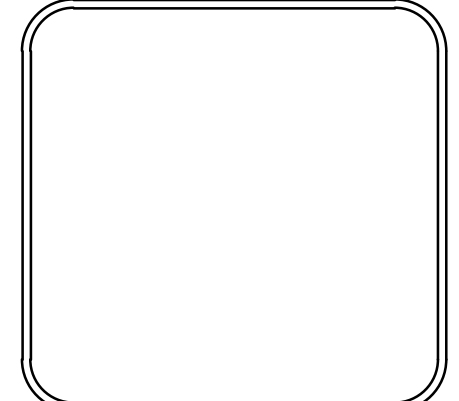
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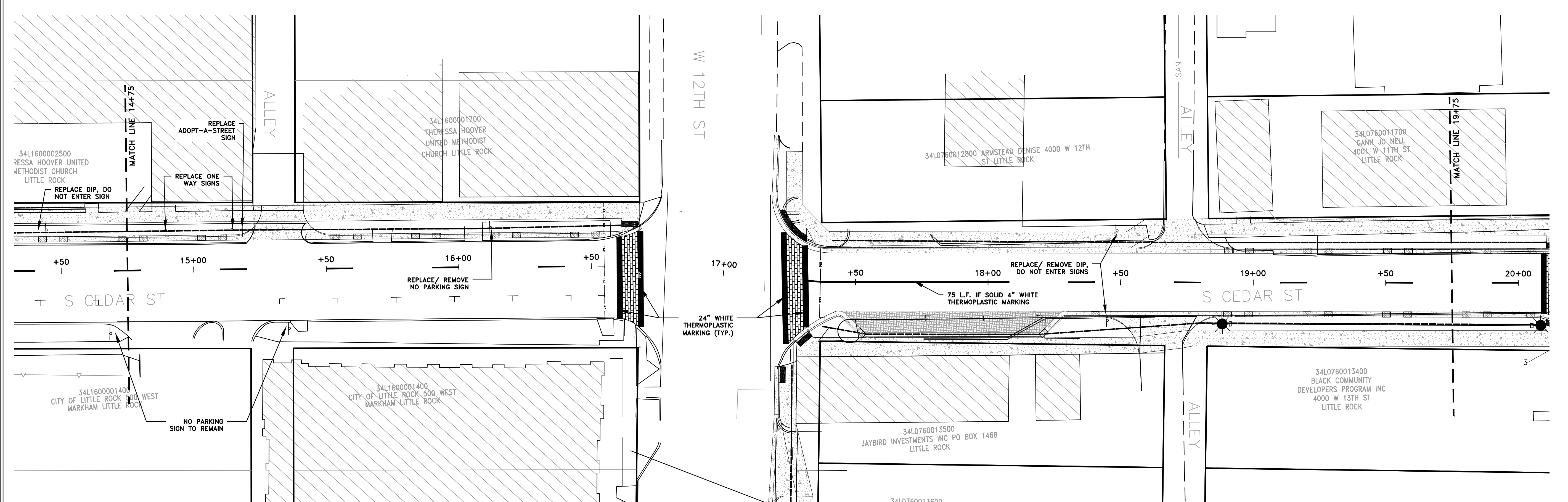
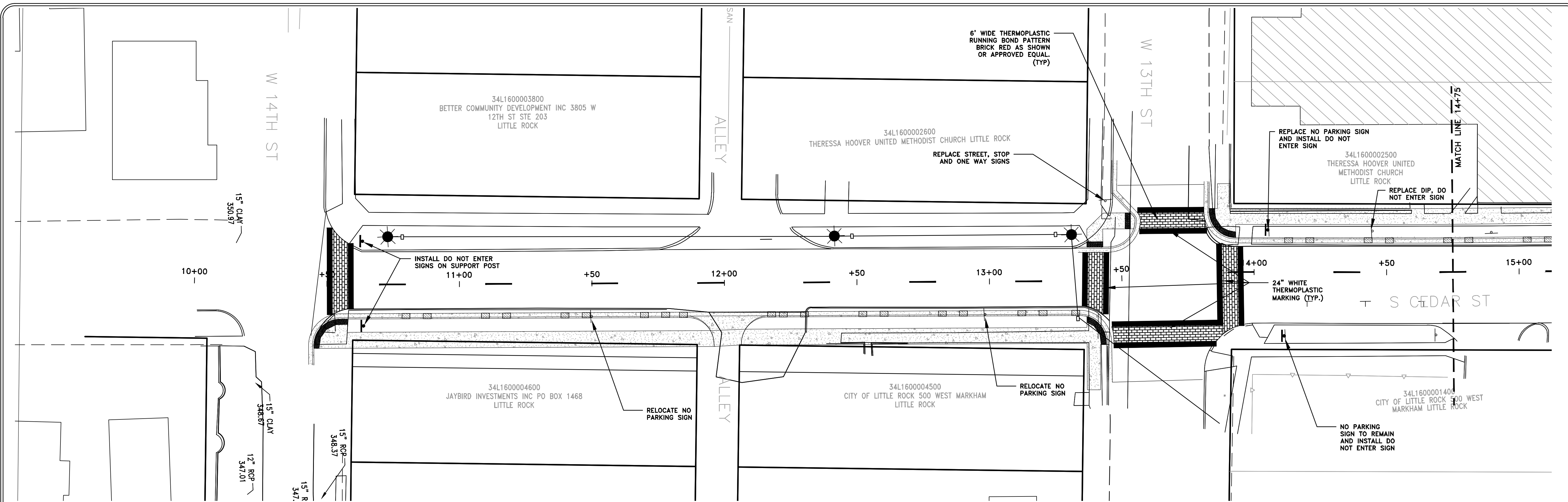
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE ST. STRIPING & SIGNAGE SHT. 2
 STA 14+50 TO 20+00

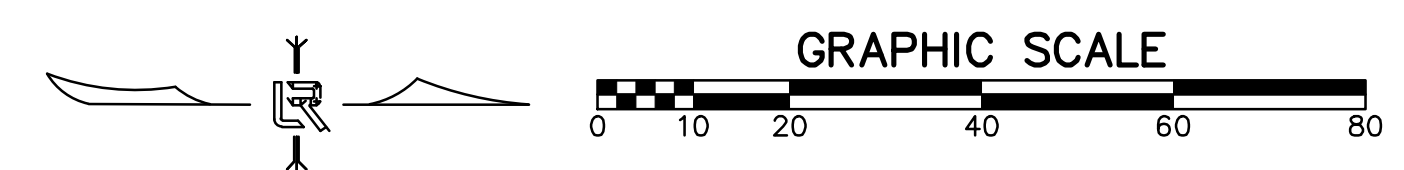
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 LITTLE ROCK, ARKANSAS 72201



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 TH
 DESIGNED
 TDF
 CHECKED
 BAP
 DATE
 08-13-2018
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
 C38



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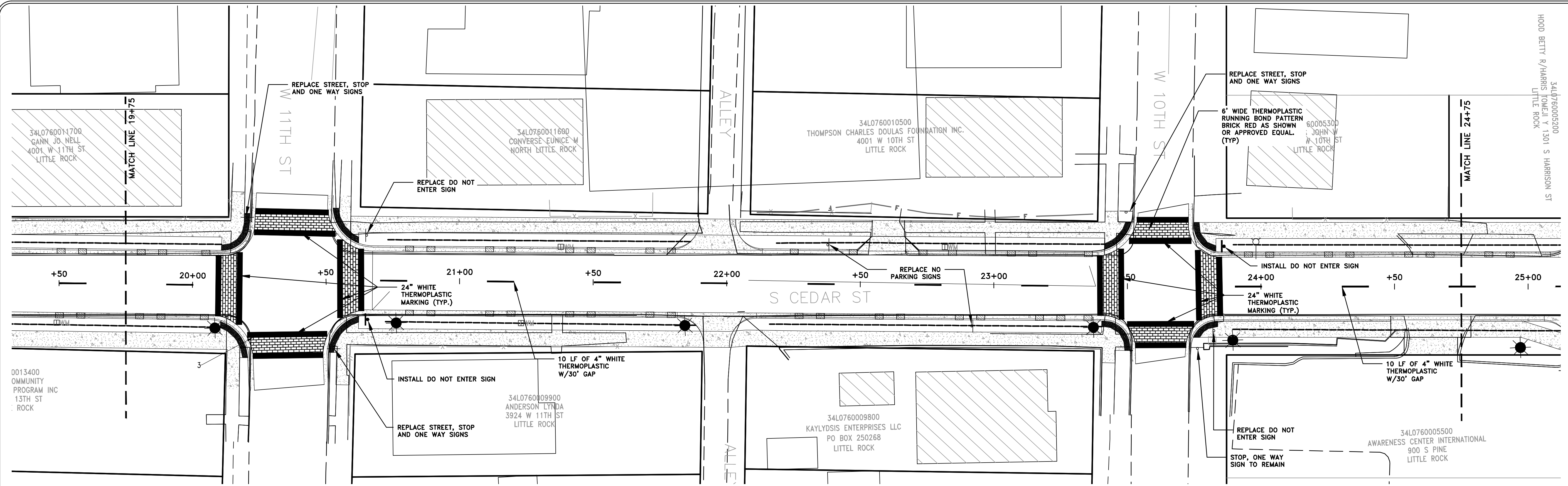


REVISIONS	DATE

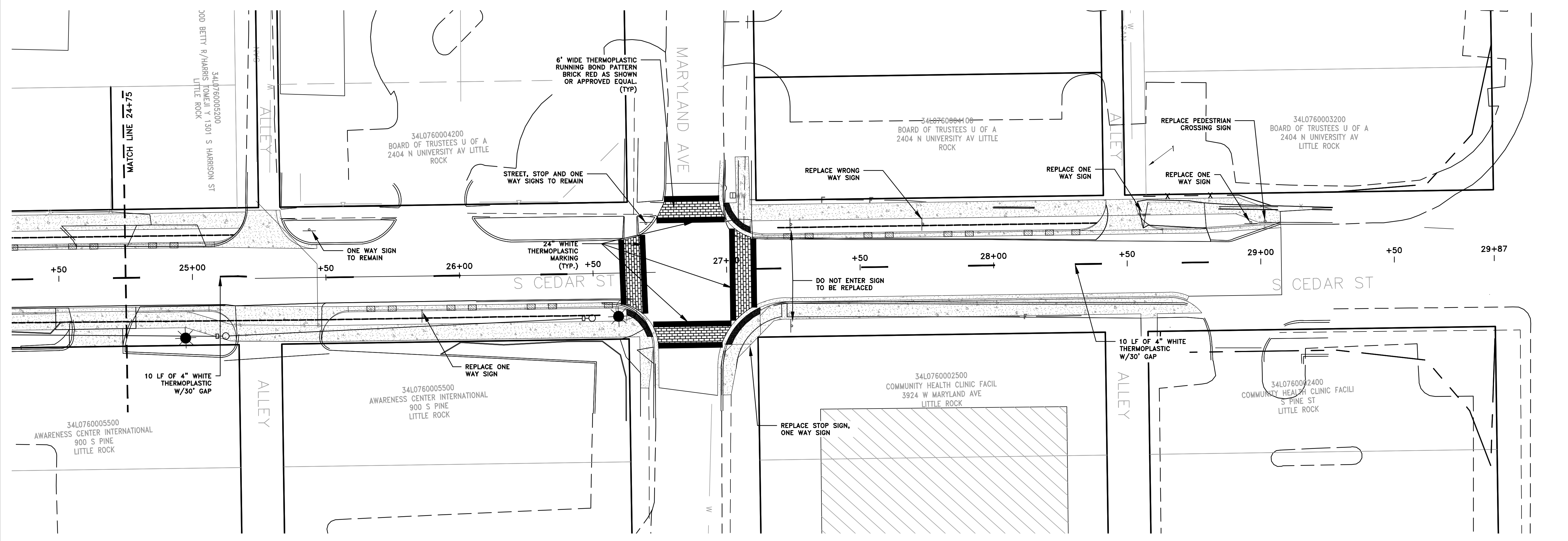
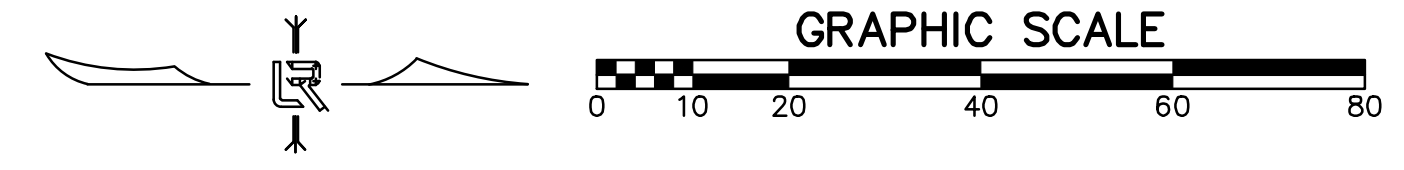
CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 CEDAR ST. STRIPING & SIGNAGE SHT. 1
 STA 10+00 TO 15+00

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 TH
 DESIGNED
 TDF
 CHECKED
 BAP
 DATE
 08-13-2018
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
 C39

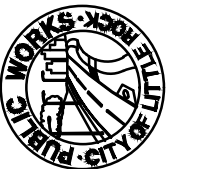


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CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
CEDAR ST. STRIPING & SIGNAGE SHT. 2
 STA 19+50 TO 25+00

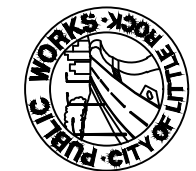

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TH
DESIGNED
TDF
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BAP
DATE
08-13-2018
SCALE
H: 1"=20'
V: 1"=5'
PROJECT NO.
061552
SHEET NO.
C40

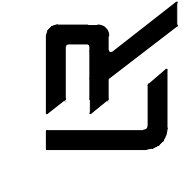
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS

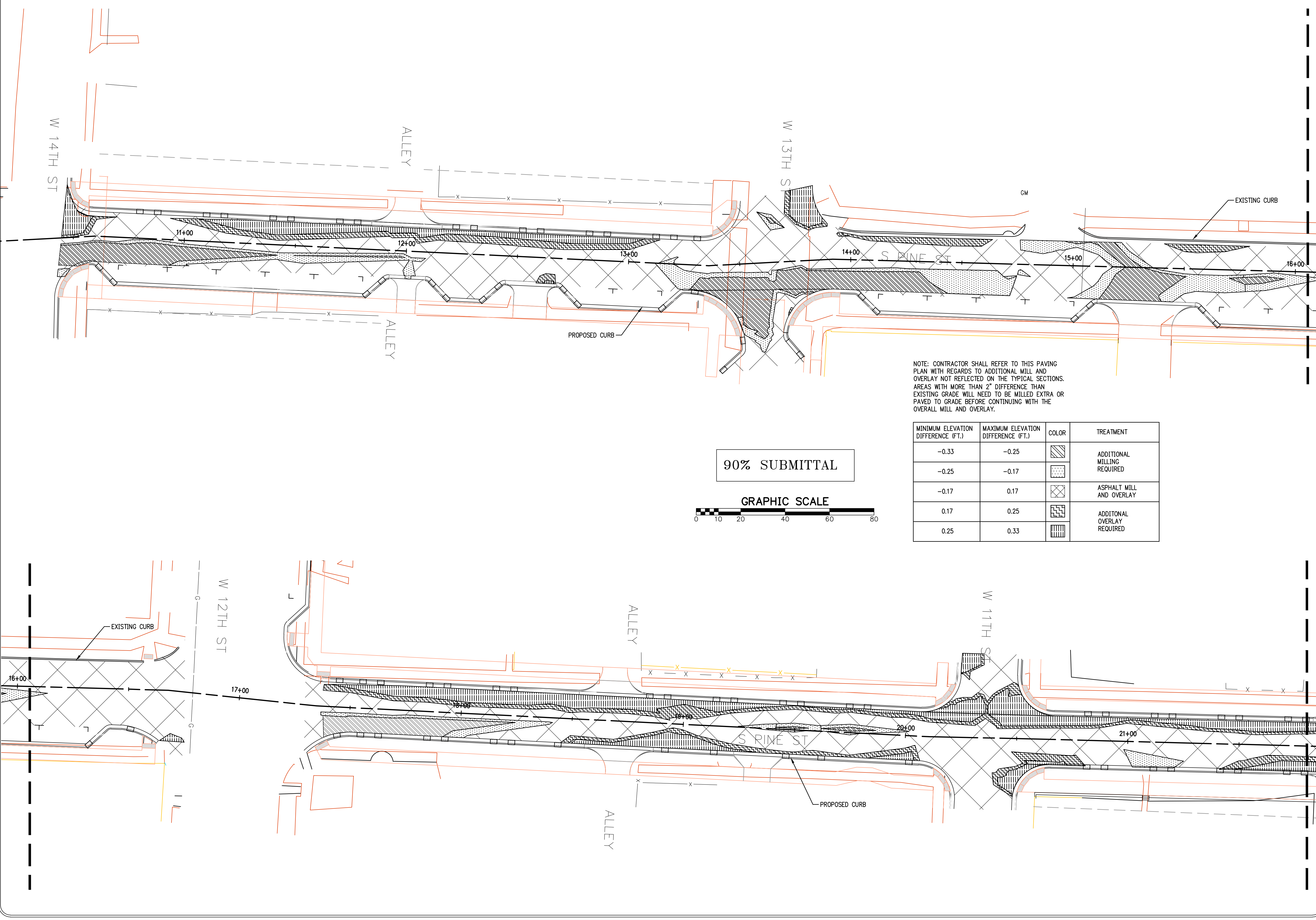
PINE ST. PAVING PLAN SHT. 1
 STA 10+00 TO 21+75



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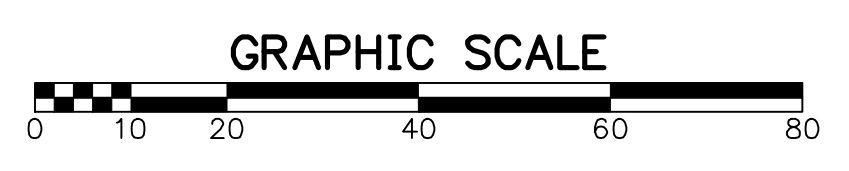
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DESIGNED	TDF
CHECKED	BAP
DATE	08-13-2018
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	061552
SHEET NO.	C41



NOTE: CONTRACTOR SHALL REFER TO THIS PAVING PLAN WITH REGARDS TO ADDITIONAL MILL AND OVERLAY NOT REFLECTED ON THE TYPICAL SECTIONS. AREAS WITH MORE THAN 2" DIFFERENCE THAN EXISTING GRADE WILL NEED TO BE MILLED EXTRA OR PAVED TO GRADE BEFORE CONTINUING WITH THE OVERALL MILL AND OVERLAY.

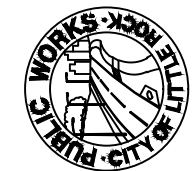
MINIMUM ELEVATION DIFFERENCE (FT.)	MAXIMUM ELEVATION DIFFERENCE (FT.)	COLOR	TREATMENT
-0.33	-0.25		ADDITIONAL MILLING REQUIRED
-0.25	-0.17		ASPHALT MILL AND OVERLAY
-0.17	0.17		ADDITIONAL OVERLAY REQUIRED
0.17	0.25		
0.25	0.33		

90% SUBMITTAL

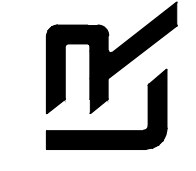
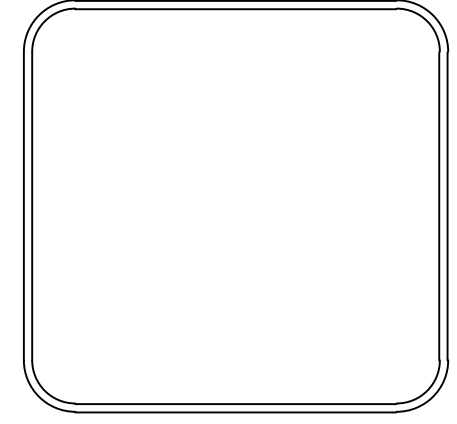


REVISIONS	DATE

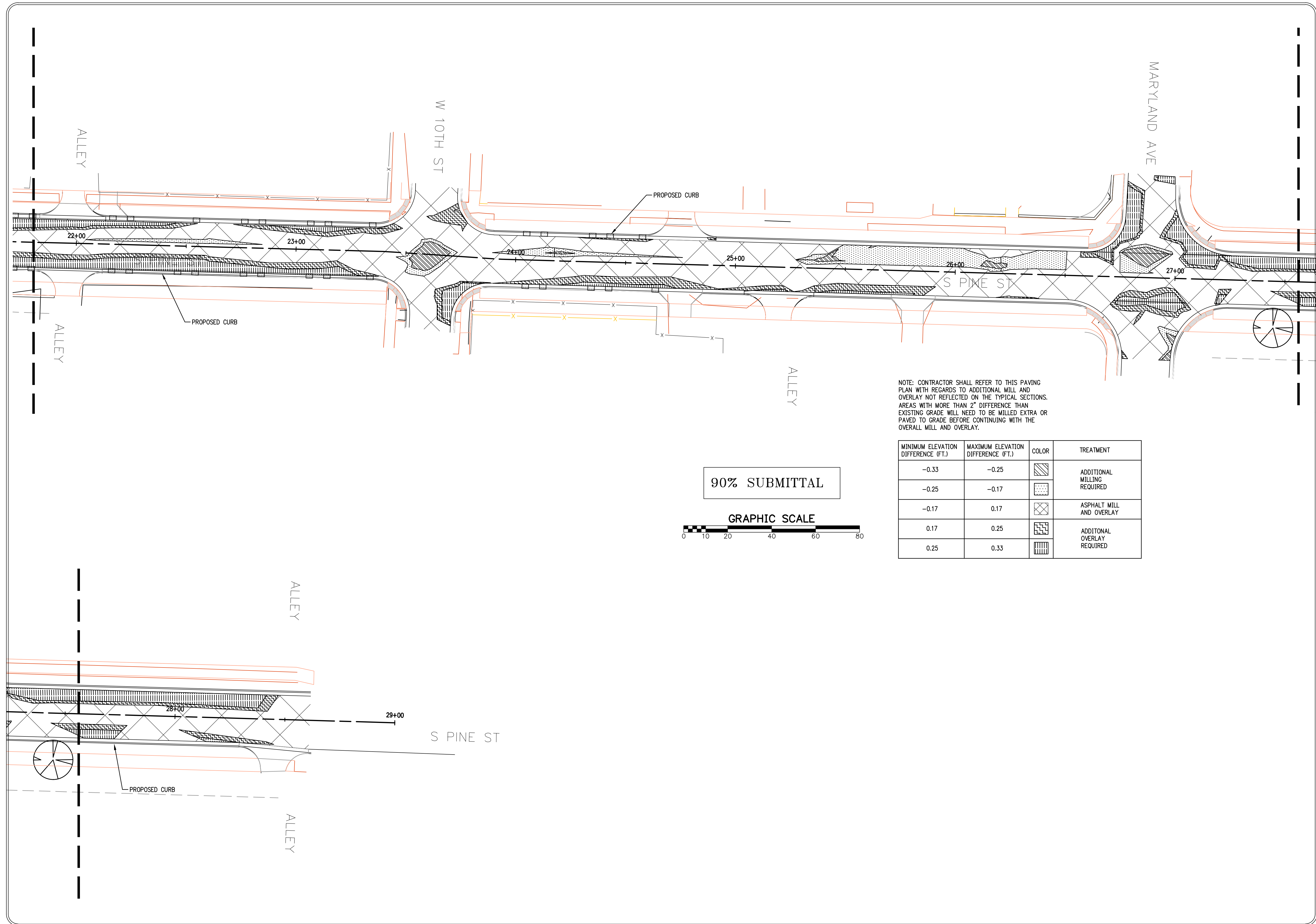
CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE ST. PAVING PLAN SHT. 2
 STA 21+75 TO 29+00



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 CIVIL ENGINEERING
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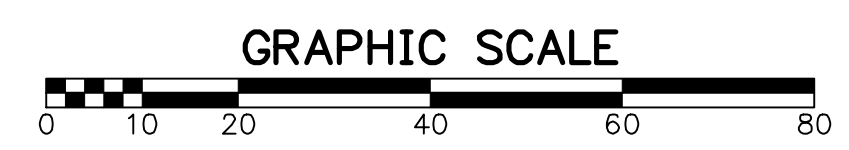
DRAWN BY
 TH
 DESIGNED
 TDF
 CHECKED
 BAP
 DATE
 08-13-2018
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
C42



NOTE: CONTRACTOR SHALL REFER TO THIS PAVING PLAN WITH REGARDS TO ADDITIONAL MILL AND OVERLAY NOT REFLECTED ON THE TYPICAL SECTIONS. AREAS WITH MORE THAN 2" DIFFERENCE THAN EXISTING GRADE WILL NEED TO BE MILLED EXTRA OR PAVED TO GRADE BEFORE CONTINUING WITH THE OVERALL MILL AND OVERLAY.

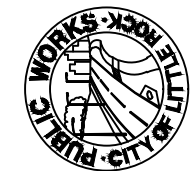
MINIMUM ELEVATION DIFFERENCE (FT.)	MAXIMUM ELEVATION DIFFERENCE (FT.)	COLOR	TREATMENT
-0.33	-0.25		ADDITIONAL MILLING REQUIRED
-0.25	-0.17		ADDITIONAL MILLING REQUIRED
-0.17	0.17		ASPHALT MILL AND OVERLAY
0.17	0.25		ADDITIONAL OVERLAY REQUIRED
0.25	0.33		ADDITIONAL OVERLAY REQUIRED

90% SUBMITTAL

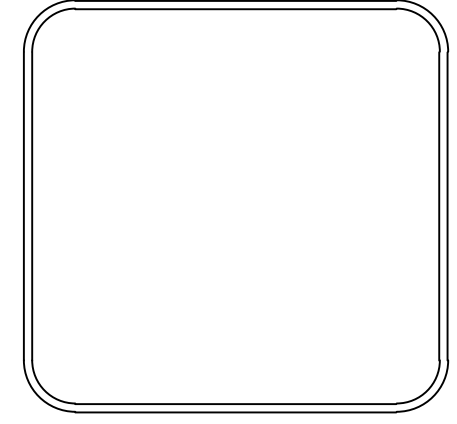


REVISIONS	DATE

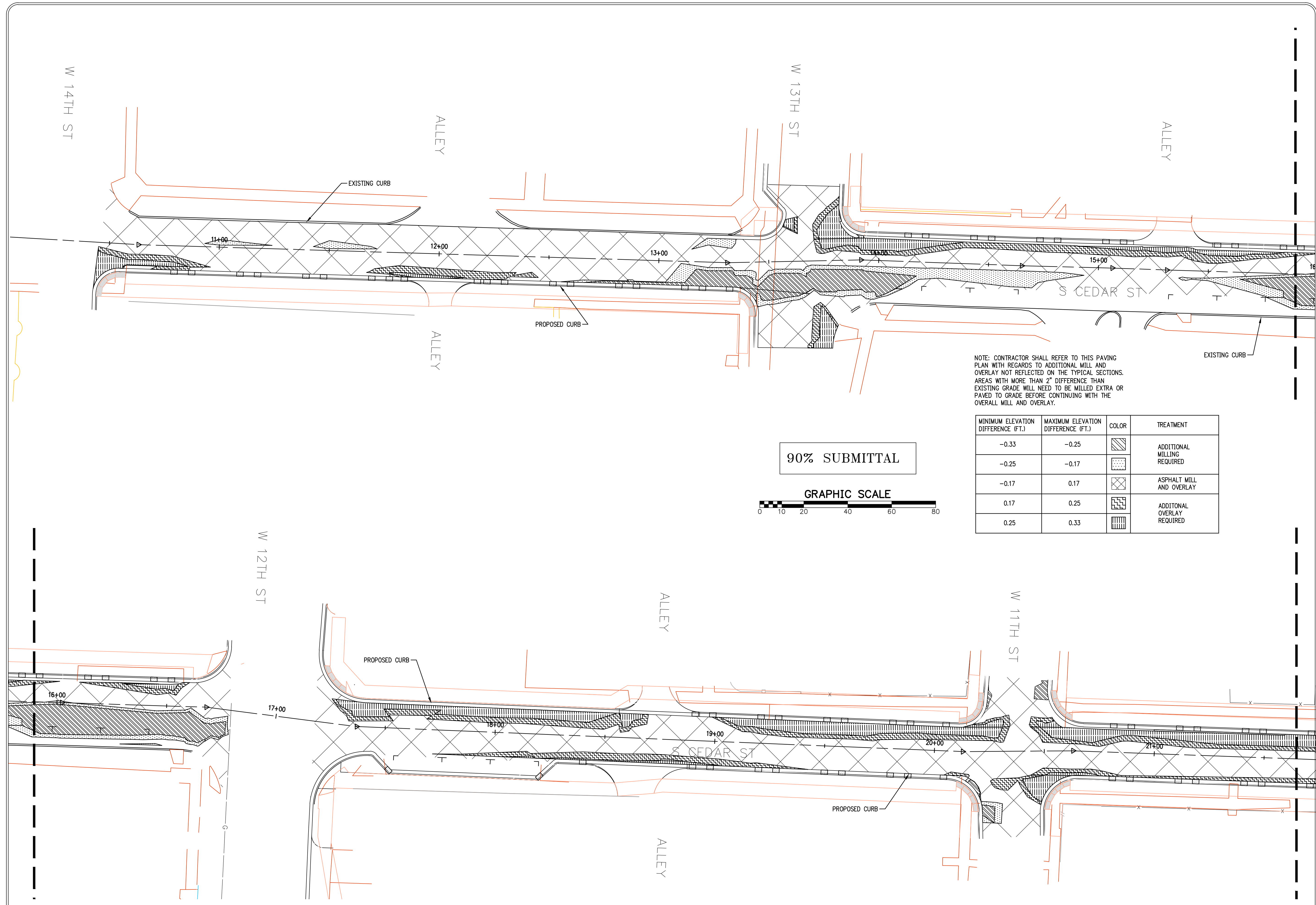
CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 CEDAR ST. PAVING PLAN SHT. 1
 STA 10+00 TO 21+75



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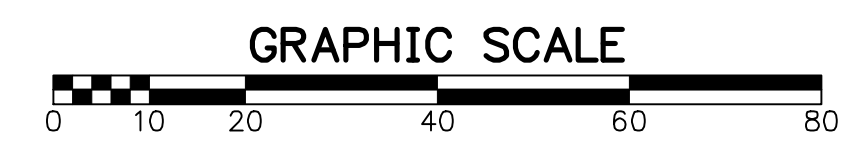
DRAWN BY
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 DESIGNED
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 CHECKED
 BAP
 DATE
 08-13-2018
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
C43



NOTE: CONTRACTOR SHALL REFER TO THIS PAVING PLAN WITH REGARDS TO ADDITIONAL MILL AND OVERLAY NOT REFLECTED ON THE TYPICAL SECTIONS. AREAS WITH MORE THAN 2" DIFFERENCE THAN EXISTING GRADE WILL NEED TO BE MILLED EXTRA OR PAVED TO GRADE BEFORE CONTINUING WITH THE OVERALL MILL AND OVERLAY.

MINIMUM ELEVATION DIFFERENCE (FT.)	MAXIMUM ELEVATION DIFFERENCE (FT.)	COLOR	TREATMENT
-0.33	-0.25		ADDITIONAL MILLING REQUIRED
-0.25	-0.17		ADDITIONAL MILLING REQUIRED
-0.17	0.17		ASPHALT MILL AND OVERLAY
0.17	0.25		ADDITIONAL OVERLAY REQUIRED
0.25	0.33		ADDITIONAL OVERLAY REQUIRED

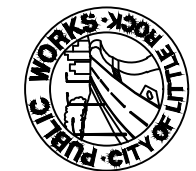
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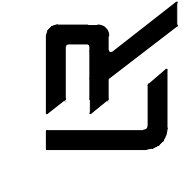
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS

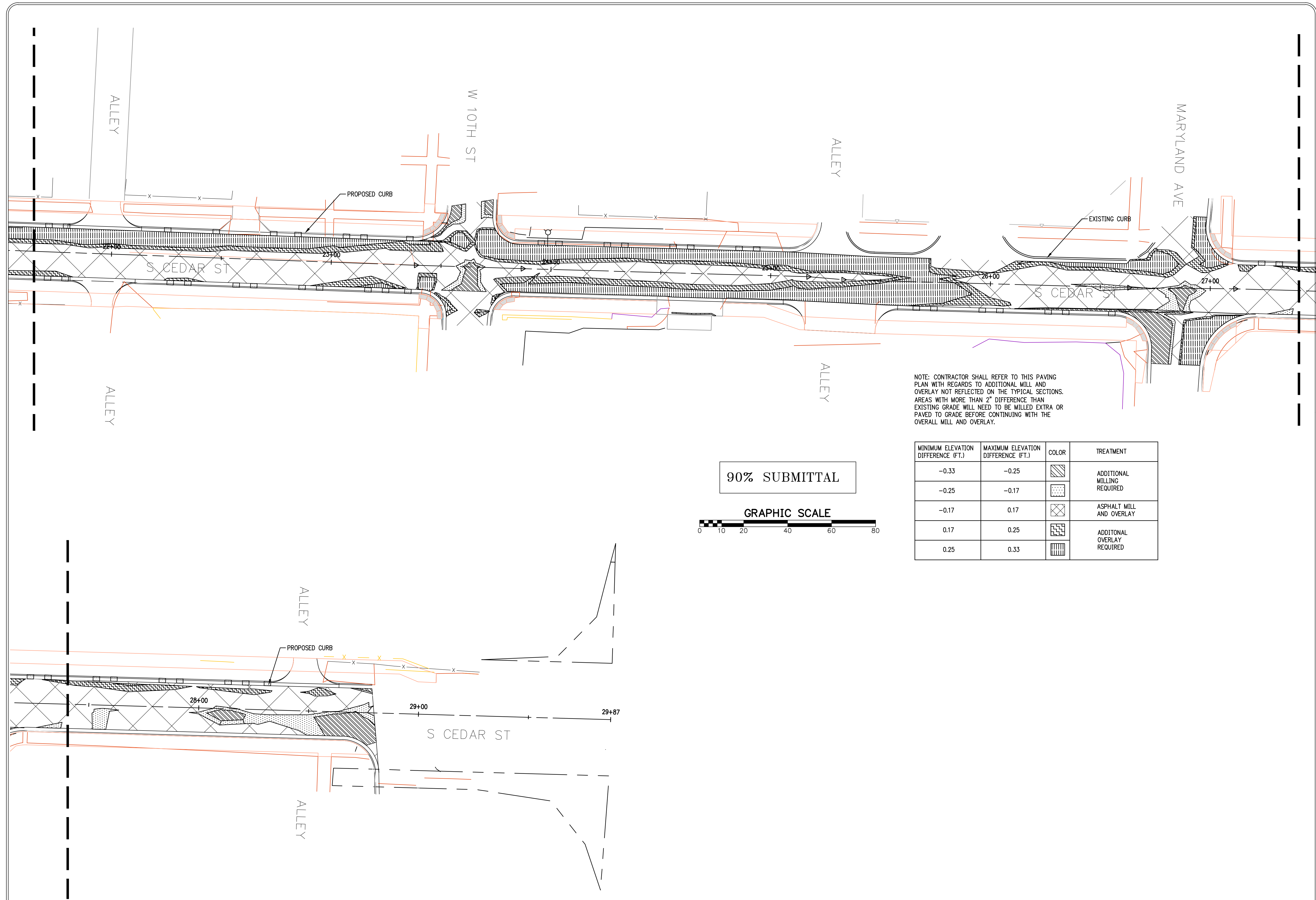
CEDAR ST. PAVING PLAN SHT. 2
 STA 21+75 TO 29+00



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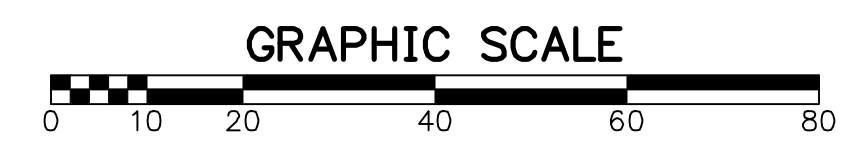
DRAWN BY
 TH
 DESIGNED
 TDF
 CHECKED
 BAP
 DATE
 08-13-2018
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
C44



NOTE: CONTRACTOR SHALL REFER TO THIS PAVING PLAN WITH REGARDS TO ADDITIONAL MILL AND OVERLAY NOT REFLECTED ON THE TYPICAL SECTIONS. AREAS WITH MORE THAN 2" DIFFERENCE THAN EXISTING GRADE WILL NEED TO BE MILLED EXTRA OR PAVED TO GRADE BEFORE CONTINUING WITH THE OVERALL MILL AND OVERLAY.

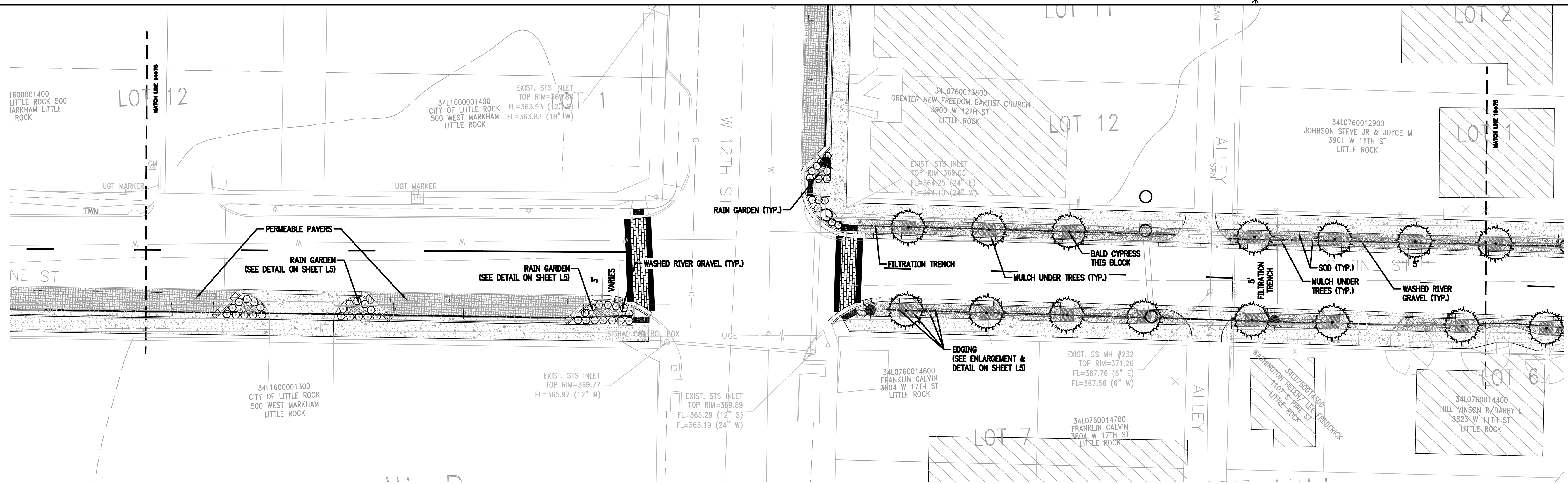
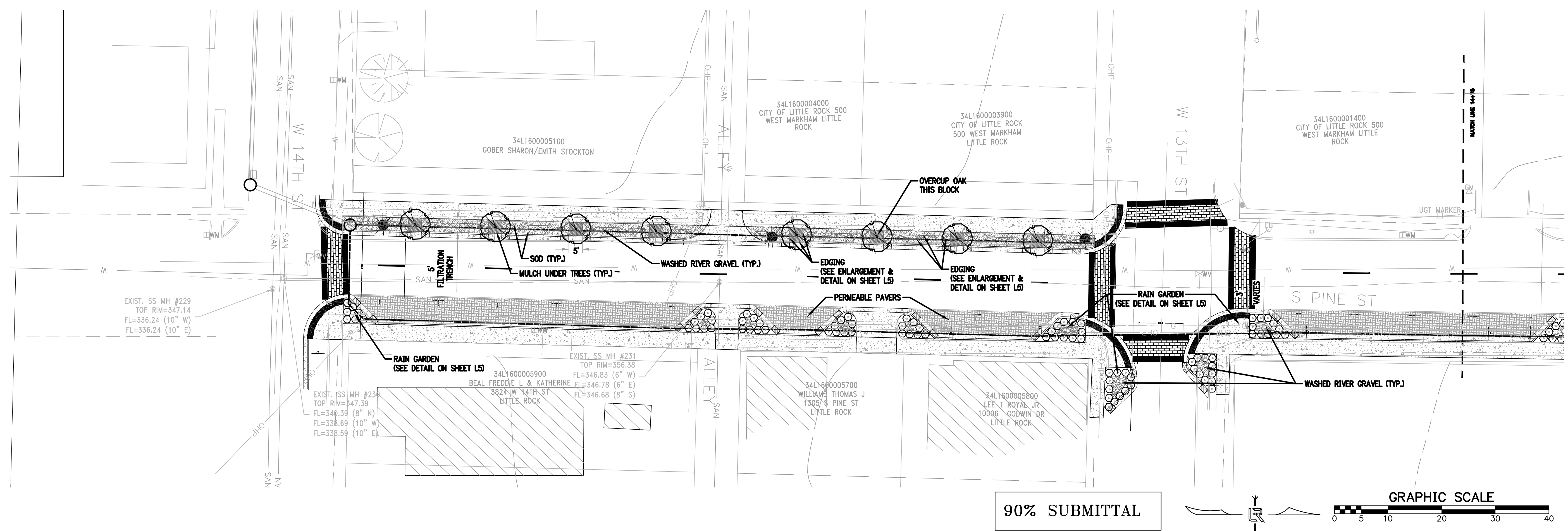
MINIMUM ELEVATION DIFFERENCE (FT.)	MAXIMUM ELEVATION DIFFERENCE (FT.)	COLOR	TREATMENT
-0.33	-0.25		ADDITIONAL MILLING REQUIRED
-0.25	-0.17		ADDITIONAL MILLING REQUIRED
-0.17	0.17		ASPHALT MILL AND OVERLAY
0.17	0.25		ADDITIONAL OVERLAY REQUIRED
0.25	0.33		ADDITIONAL OVERLAY REQUIRED

90% SUBMITTAL



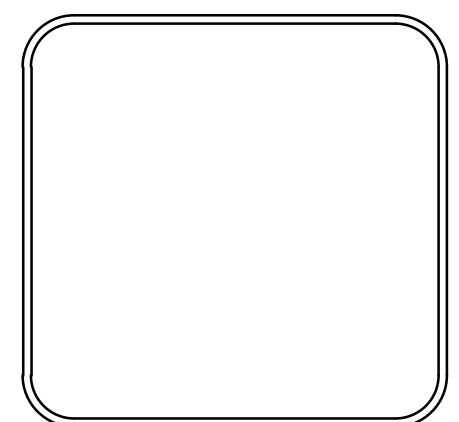
REVISIONS	DATE

NOTES:
 1. SEE SHEET L5 FOR PLANT SIZES AND QUANTITIES
 2. SEE SHEET C2 FOR FILTRATION TRENCH AND RAINGARDEN DETAILS



CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE STREET LANDSCAPE PLAN SHEET 1
 STA 10+00 TO 19+75

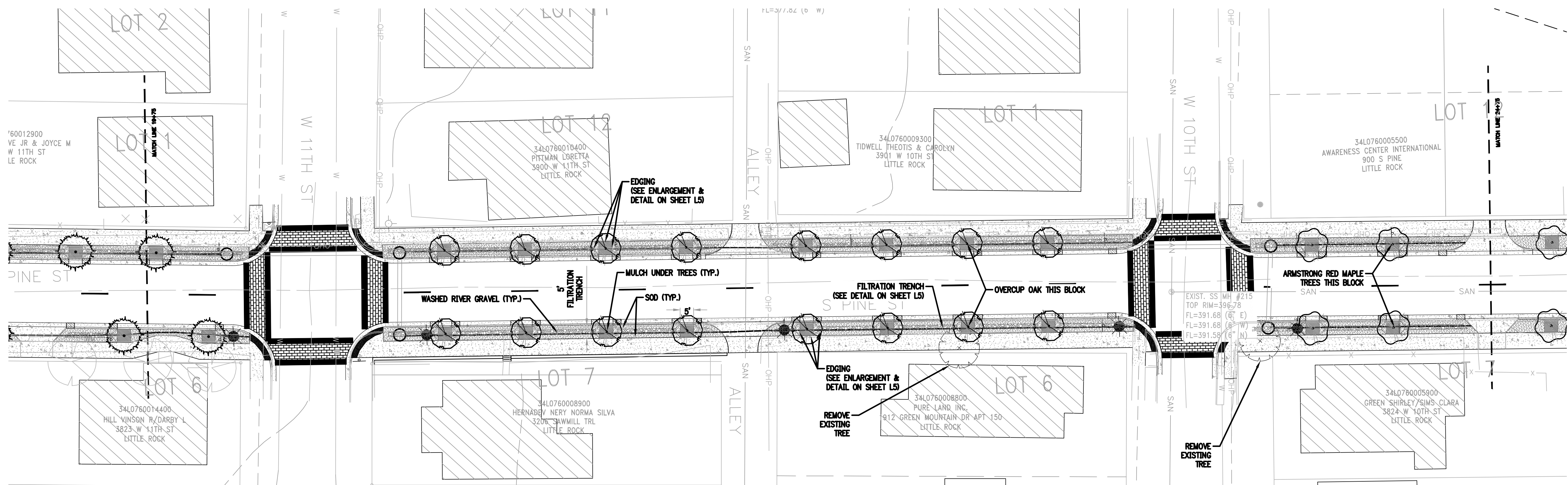
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



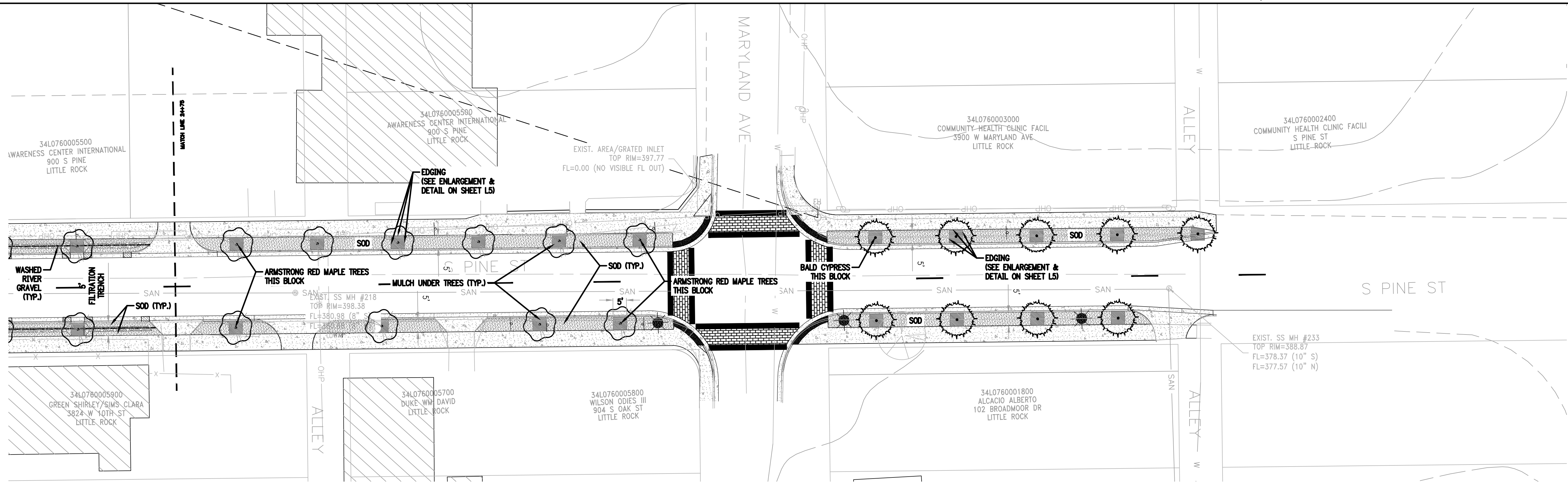
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DESIGNED	TDF
CHECKED	BAP
DATE	08-13-2018
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	061552
SHEET NO.	L1

NOTES:
 1. SEE SHEET L5 FOR PLANT SIZES AND QUANTITIES
 2. SEE SHEET C2 FOR FILTRATION TRENCH AND RAINGARDEN DETAILS

REVISIONS	DATE


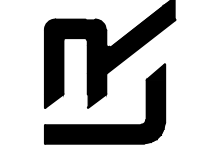
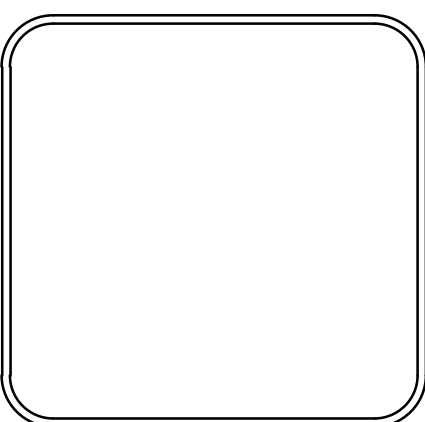


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CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE STREET LANDSCAPE PLAN SHEET 2
 STA 19+75 TO 29+00

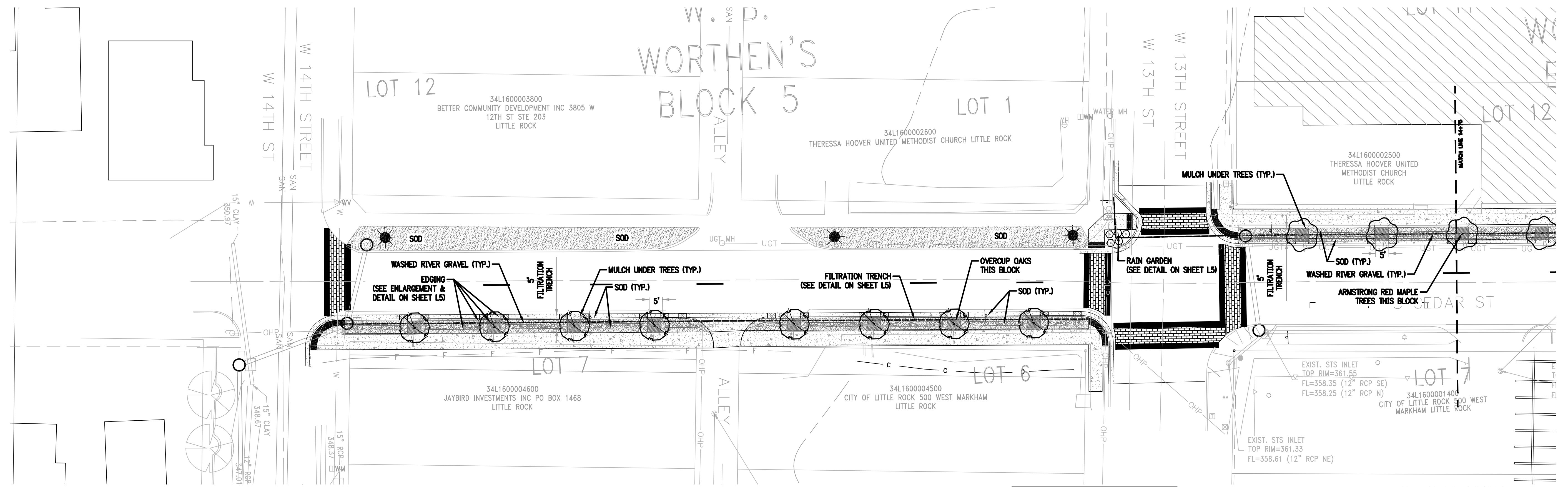
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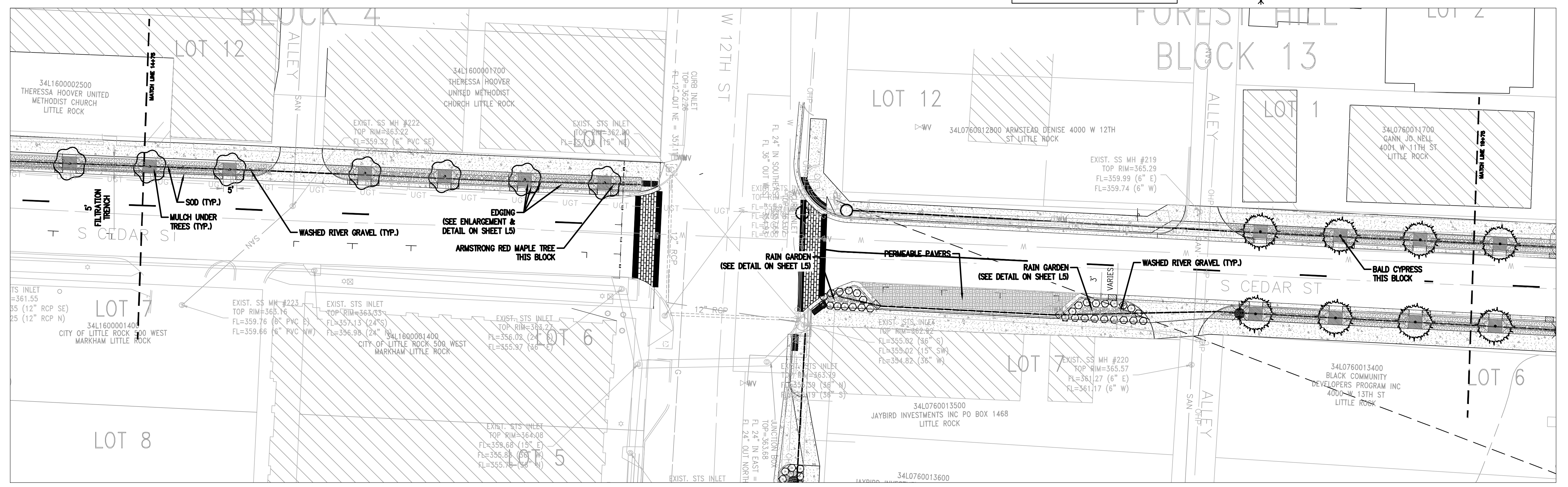
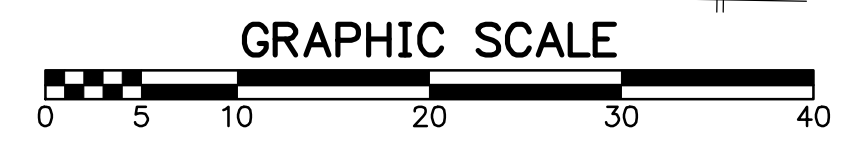
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SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	061552
SHEET NO.	L2

REVISIONS	DATE

NOTES:
 1. SEE SHEET L5 FOR PLANT SIZES AND QUANTITIES
 2. SEE SHEET C2 FOR FILTRATION TRENCH AND RAINGARDEN DETAILS

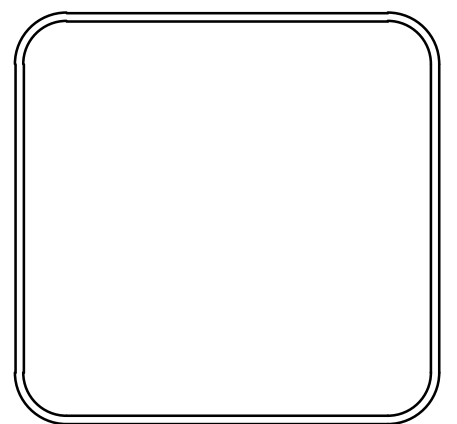


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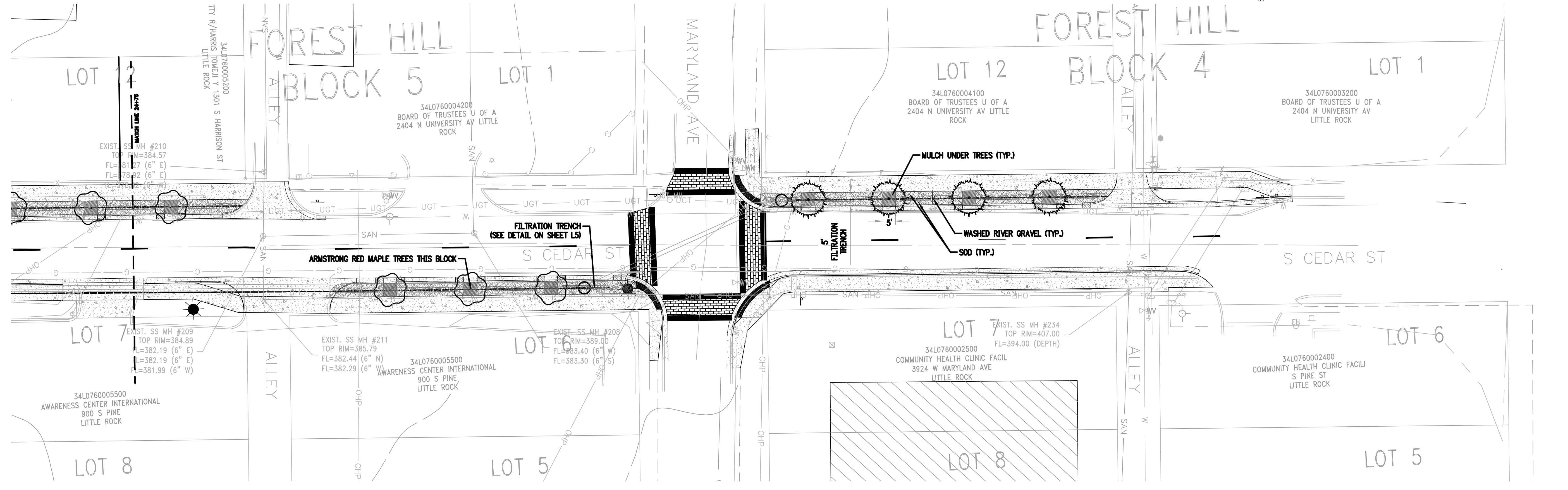
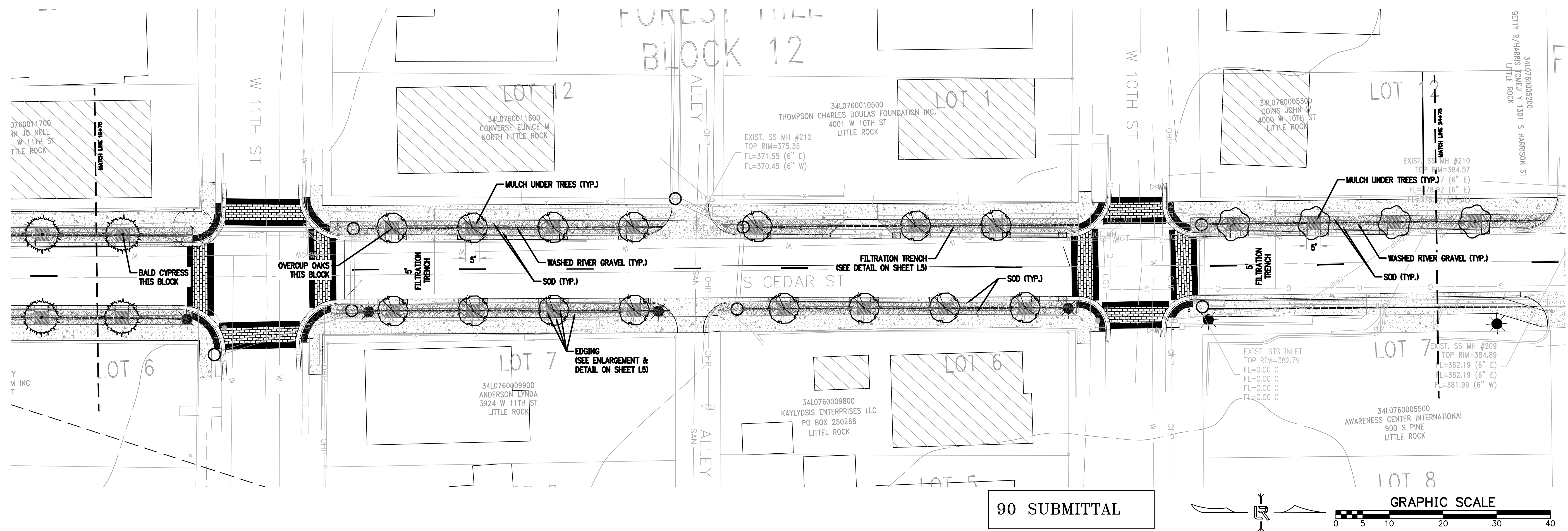
CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 CEDAR STREET LANDSCAPE PLAN SHEET 1
 STA 10+00 TO 19+75

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CHECKED	BAP
DATE	08-13-2018
SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	061552
SHEET NO.	L3

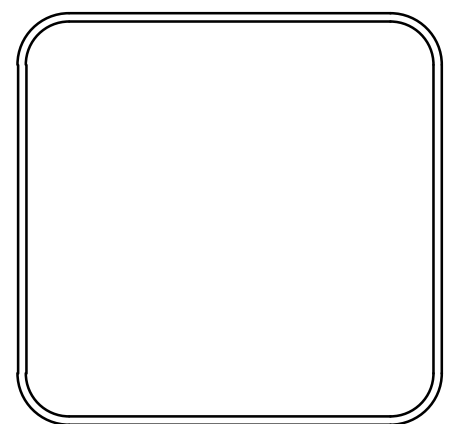
NOTES:
 1. SEE SHEET L5 FOR PLANT SIZES AND QUANTITIES
 2. SEE SHEET C2 FOR FILTRATION TRENCH AND RAINGARDEN DETAILS



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 CEDAR STREET LANDSCAPE PLAN SHEET 2
 STA 19+75 TO 29+00

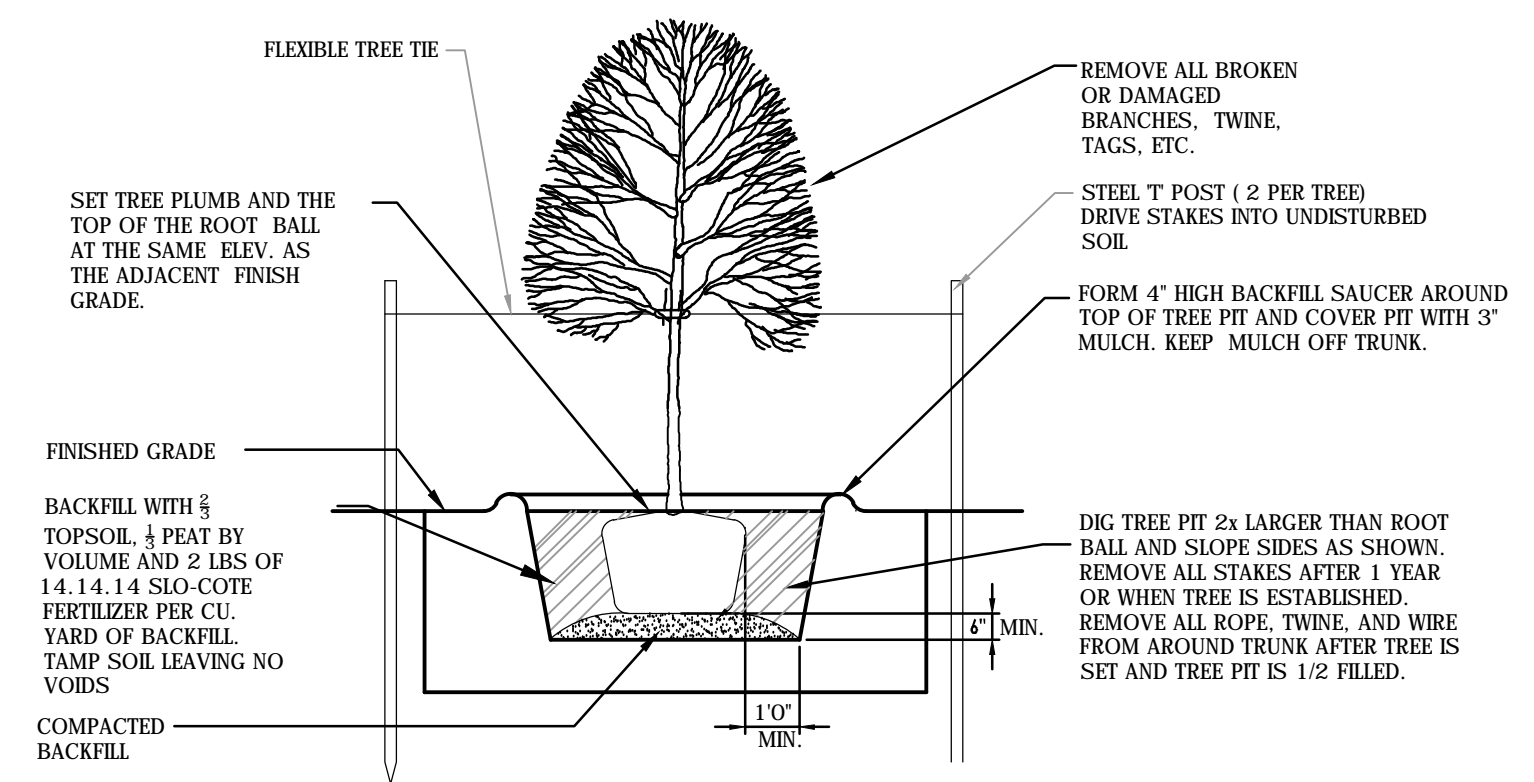
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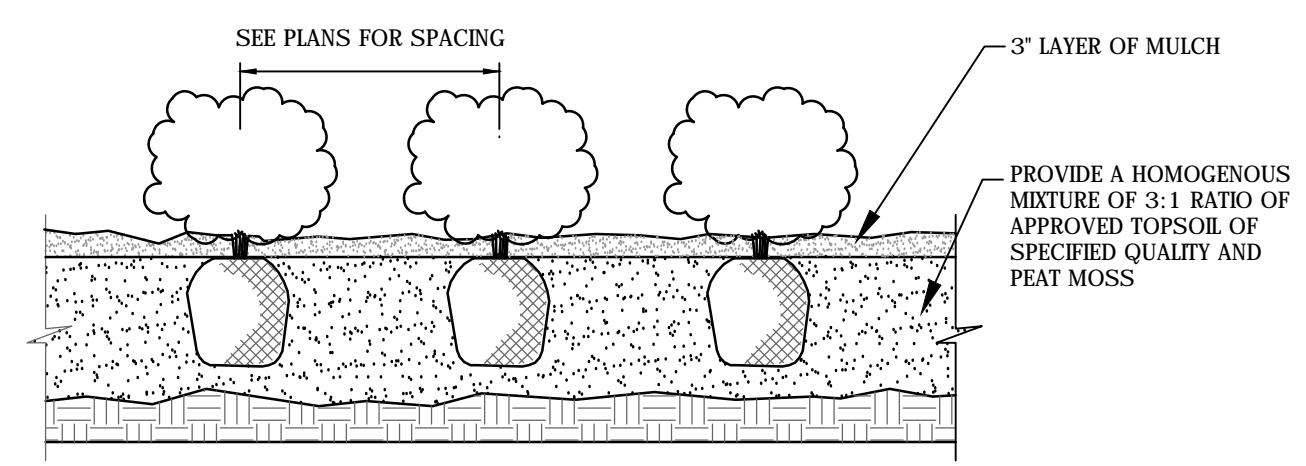
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DESIGNED TDF
CHECKED BAP
DATE 08-13-2018
SCALE H: 1"=20' V: 1"=5'
PROJECT NO. 061552
SHEET NO. L4

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
LANDSCAPE DETAILS



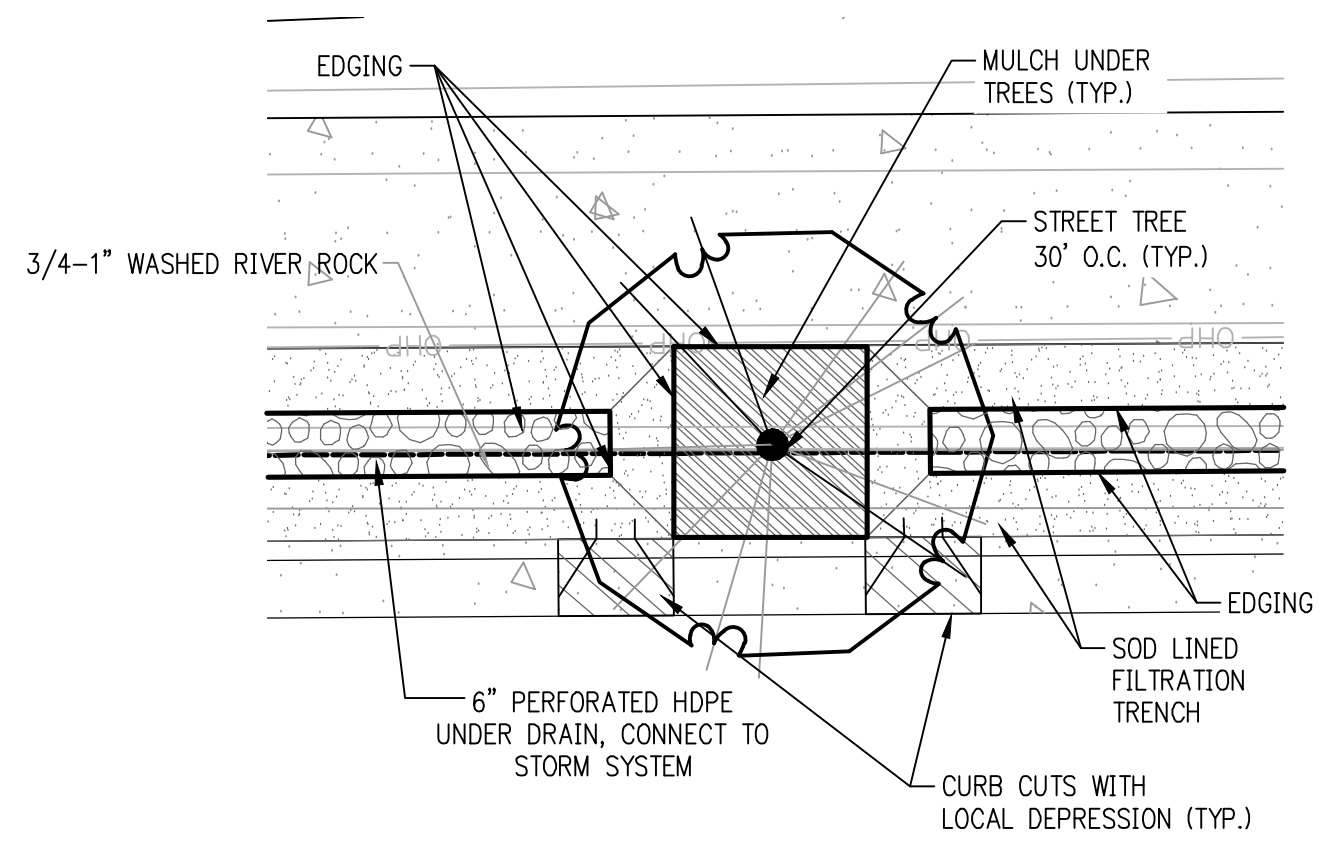
TREE PLANTING DETAIL
NTS



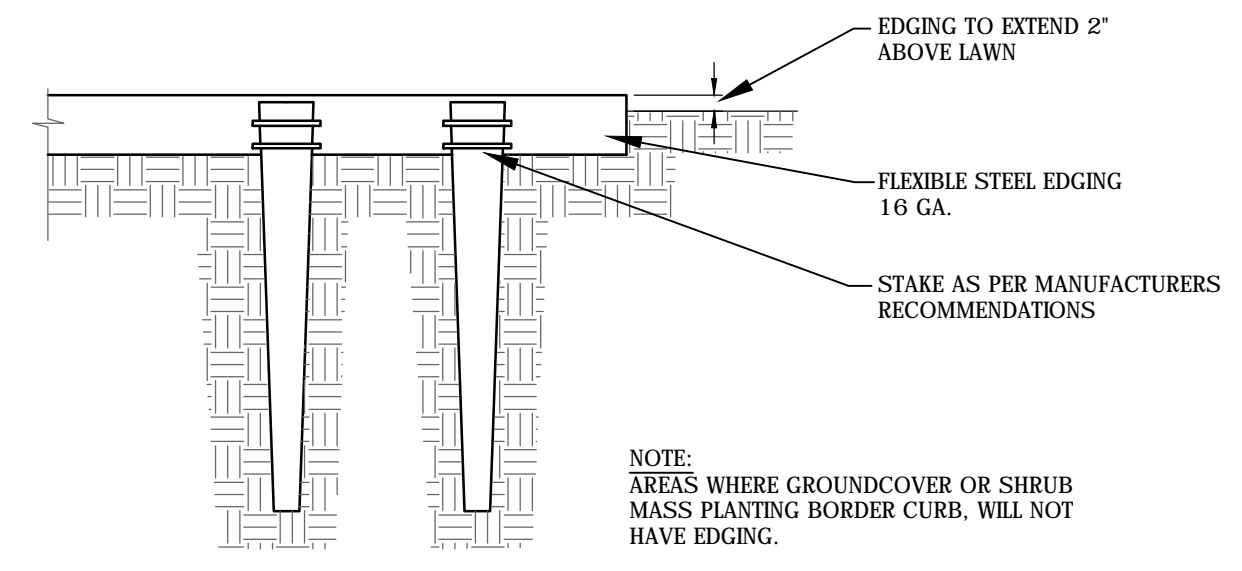
SHRUB PLANTING DETAIL
NTS

LANDSCAPE NOTES

- CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL UTILITIES PRIOR TO STARTING ANY WORK. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE ONE-CALL SYSTEM. ALL UTILITY LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE AND ARE BASED ON SURVEY INFORMATION, SITE DEVELOPMENT PLANS, UTILITY RECORDS, ETC.
- ALL PLANT MATERIAL SHALL BE NURSERY GROWN. THE SIZE AND GRADING SHALL MEET OR EXCEED THE LATEST EDITION OF AMERICAN STANDARDS FOR NURSERY STOCK PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
- ALL ENTRANCE/EXIT PLANTINGS SHALL BE INSTALLED AND MAINTAINED TO PROVIDE CLEAR SIGHT DISTANCE FROM THE STREETS AND THE ENTRANCE/EXIT LOCATIONS.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING REQUIRED SHRUBS AND TREES PER CITY LANDSCAPE ORDINANCE OR UNTIL PROJECT IS TURNED OVER AND ACCEPTED BY OWNER.
- NO CHANGES TO THE PLANT SCHEDULE ARE ALLOWED WITHOUT APPROVAL OF THE OWNER, LANDSCAPE ARCHITECT AND CITY. SUBSTITUTED PLANTS SHALL MEET THE SAME CRITERIA REGARDING TYPE, SIZE AND FUNCTION AS THOSE PLANTS SHOWN ON THE PLAN.
- ALL LAWN AREAS ARE TO RECEIVE 4" OF TOPSOIL TO FINAL GRADE. ALL SHRUB AREAS SHALL RECEIVE 6" OF TOPSOIL. SOIL SHALL BE AMENDED TO ENHANCE FAVORABLE GROWING CONDITIONS. ALL
- EXISTING SOD/WEEDS SHALL BE REMOVED FROM PLANTING BED AREAS. ALL PLANT BEDS SHALL BE TREATED WITH A WEED BARRIER AND A MINIMUM OF 3" SHREDDED HARDWOOD MULCH. TREES NOT LOCATED IN PLANT BEDS SHALL RECEIVE A MULCH SAUCER PER DETAIL.
- ALL TREES AND SHRUBS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS PROVIDED.
- ALL SHRUBS AND TREES SHALL BE TREATED WITH 13-13 TIME RELEASE FERTILIZER UPON COMPLETION OF THEIR INSTALLATION.
- ALL DISTURBED AREAS NOT TO RECEIVE PLANTINGS SHALL BE SEEDED WITH 60% BERMUDA GRASS AND 40% ANNUAL RYEGRASS AT 5 LBS PER 1,000 SF DURING THE APPROPRIATE TIME OF YEAR FOR THE SEED TO GERMINATE; IF THIS CANNOT BE ACCOMPLISHED, THE CONTRACTOR SHALL CALL THE LANDSCAPE ARCHITECT FOR A GRASS SEED SUBSTITUTION.
- AT A MINIMUM, SOD SHALL BE INSTALLED ON 3:1 SLOPES AND GREATER AND AN EIGHTEEN INCH (18") STRIP OF SOD SHALL BE INSTALLED BEHIND ALL CURBS AND ADJACENT TO ALL SIDEWALKS AND ENTRY WALKS.
- IF A LANDSCAPE IRRIGATION SYSTEM IS TO BE CONSTRUCTED, LANDSCAPE CONTRACTOR TO CONFIRM LOCATION OF PLANNED IRRIGATION LINES WITH THE IRRIGATION CONTRACTOR PRIOR TO PLANT BED AND PLANT INSTALLATION.



LANDSCAPE PLAN ENLARGEMENT
NTS



STEEL EDGING DETAIL
NTS

PLANT SCHEDULE			
TREES	BOTANICAL NAME / COMMON NAME	CONT	QTY
	ACER RUBRUM 'ARMSTRONG' / ARMSTRONG RED MAPLE	2" CAL.	29
	QUERCUS LYRATA / OVERCUP OAK	1.5" CAL. 6'-8" HT.	47
	TAXODIUM DISTICHUM / BALD CYPRESS	2" CAL. 10'-12" HT.	36
SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	QTY
	ROSA ARKANSANA / DWARF PRAIRIE ROSE	5 GAL. 18" HT. MIN.	181
GROUND COVERS	BOTANICAL NAME / COMMON NAME	CONT	QTY
	CYNODON DACTYLON / BERMUDA GRASS	SOLID SOD	11,713 SF 1,305 SY
	WASHED RIVER GRAVEL		3,882 SF

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