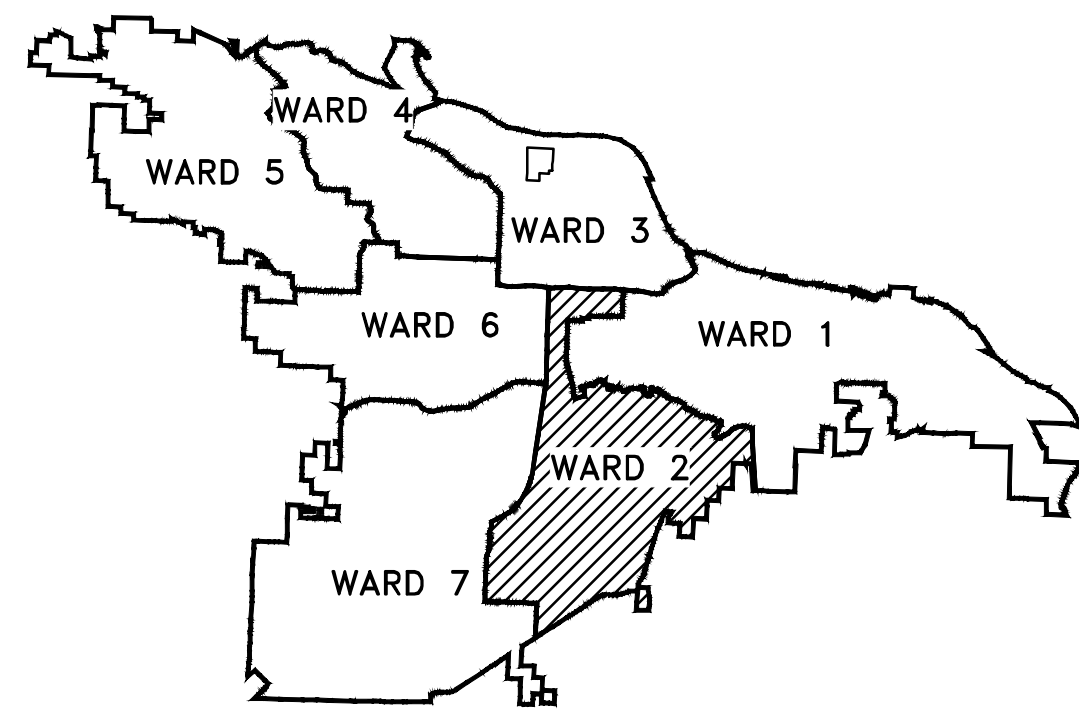


12TH STREET JUMP-START IMPROVEMENTS

ArDOT 061552

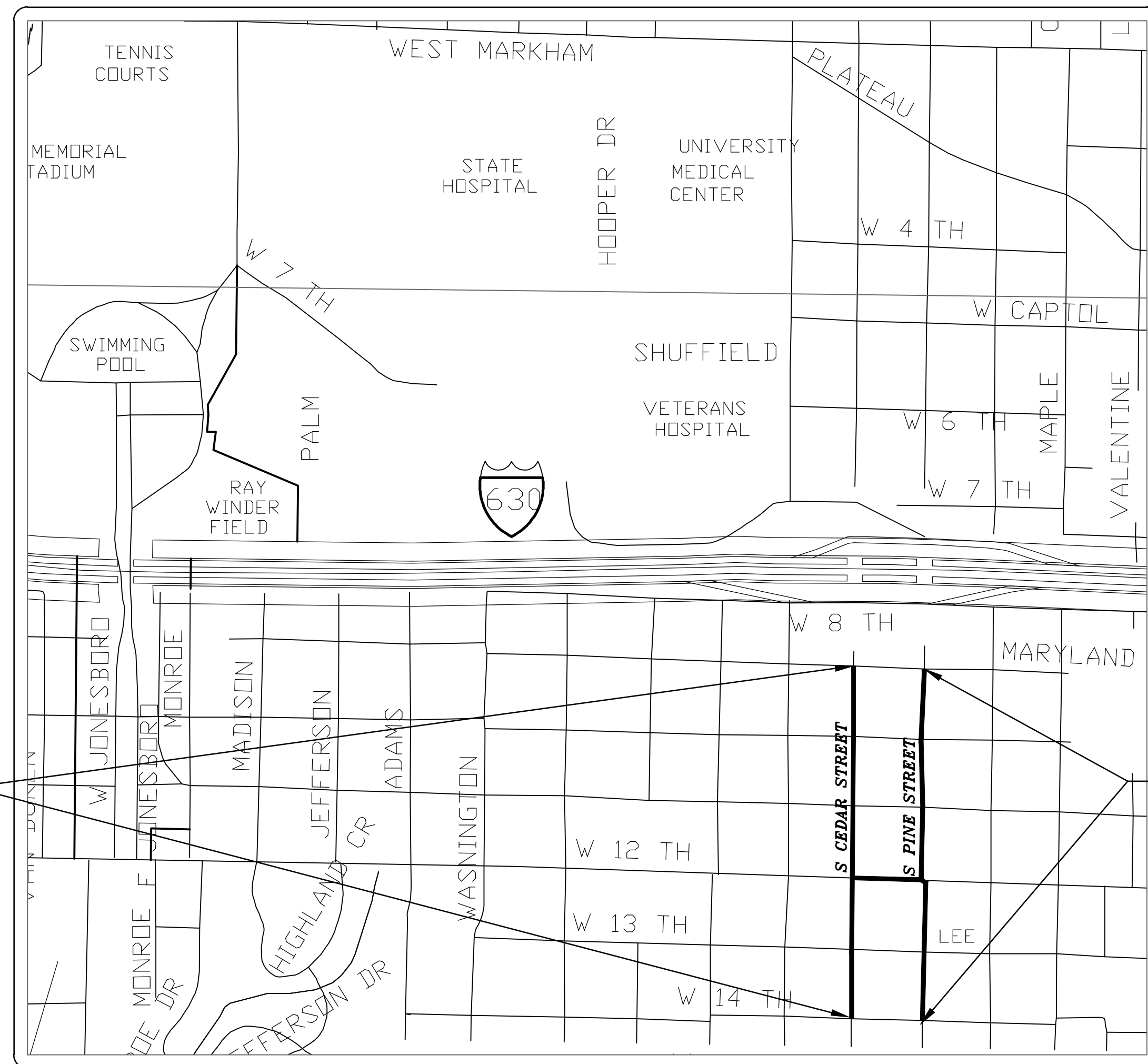
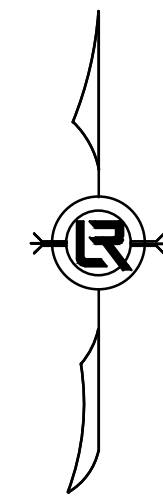
F.A.P. NO. STPU-9253(84) S CEDAR ST & S PINE ST FROM W 8TH ST TO W 14TH ST



PROJECT LOCATION - WARD 2



PROJECT LOCATION



PROJECT LOCATION

SHEET NUMBER

Sheet List Table

SHEET NUMBER	SHEET TITLE
C1	COVER SHEET
C2	QUANTITIES, LEGENDS AND NOTES
C3	SPECIAL DETAILS
C4	TYPICAL SECTIONS SHEET 1
C5	TYPICAL SECTIONS SHEET 2
C6	OVERALL PLAN 1 OF 2
C7	OVERALL PLAN 2 OF 2
C8	PINE STREET P&P SHEET 1
C9	PINE STREET P&P SHEET 2
C10	PINE STREET P&P SHEET 3
C11	PINE STREET P&P SHEET 4
C12	CEDAR STREET P&P SHEET 1
C13	CEDAR STREET P&P SHEET 2
C14	CEDAR STREET P&P SHEET 3
C15	CEDAR STREET P&P SHEET 4
C16	12TH STREET P&P
C17	14TH STREET P&P
C18	ALLEY DRAIN P&P
C19	SANITARY SEWER-CEDAR ST
C20	PINE STREET DRIVEWAYS - SHEET 1
C21	PINE STREET DRIVEWAYS - SHEET 2
C22	PINE STREET DRIVEWAYS - SHEET 3
C23	CEDAR STREET DRIVEWAYS - SHEET 1
C24	CEDAR STREET DRIVEWAYS - SHEET 2
C25	PINE ST CENTERLINE FIELD TIE-LAYOUT SHT 1
C26	PINE ST CENTERLINE FIELD TIE-LAYOUT SHT 2
C27	CEDAR ST CENTERLINE FIELD TIE-LAYOUT SHT 1
C28	CEDAR ST CENTERLINE FIELD TIE-LAYOUT SHT 2
C29	PINE STREET EROSION CONTROL SHEET 1
C30	PINE STREET EROSION CONTROL SHEET 2
C31	CEDAR STREET EROSION CONTROL SHEET 1
C32	CEDAR STREET EROSION CONTROL SHEET 2
C33	PINE STREET LIGHTING - SHEET 1
C34	PINE STREET LIGHTING - SHEET 2
C35	CEDAR STREET LIGHTING - SHEET 1
C36	CEDAR STREET LIGHTING - SHEET 2
C37	LIGHTING DETAILS & PANEL SCHEDULES
C38	PINE ST. STRIPING & SIGNAGE SHT. 1
C39	PINE ST. STRIPING & SIGNAGE SHT. 2
C40	CEDAR ST. STRIPING & SIGNAGE SHT. 1
C41	CEDAR ST. STRIPING & SIGNAGE SHT. 2
C42	PINE ST. PAVING PLAN SHT. 1
C43	PINE ST. PAVING PLAN SHT. 2
C44	CEDAR ST. PAVING PLAN SHT. 1
C45	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

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 701 WEST MARKHAM STREET
 LITTLE ROCK, ARKANSAS 72201

Arkansas One Call



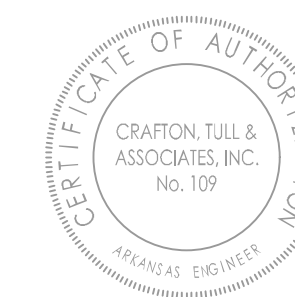
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CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 COVER SHEET

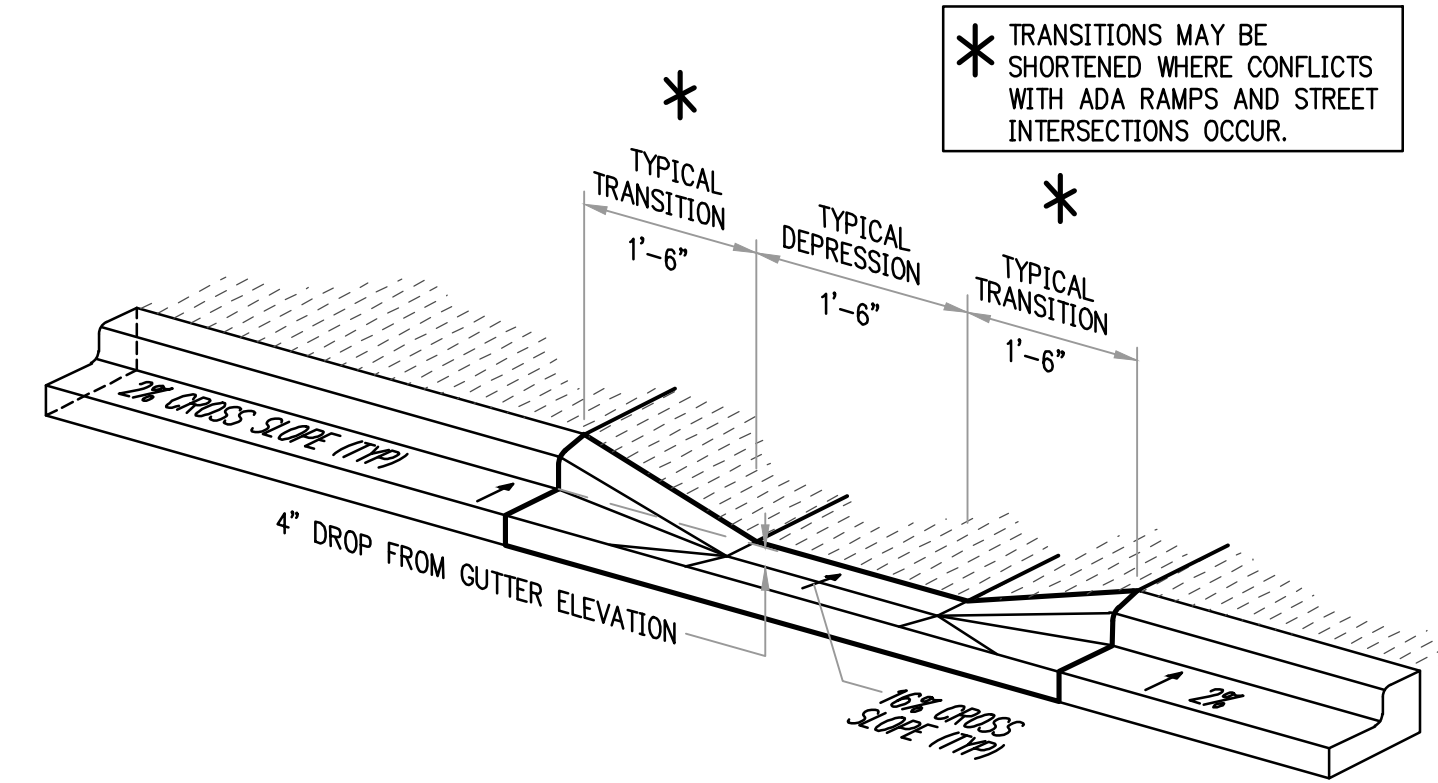
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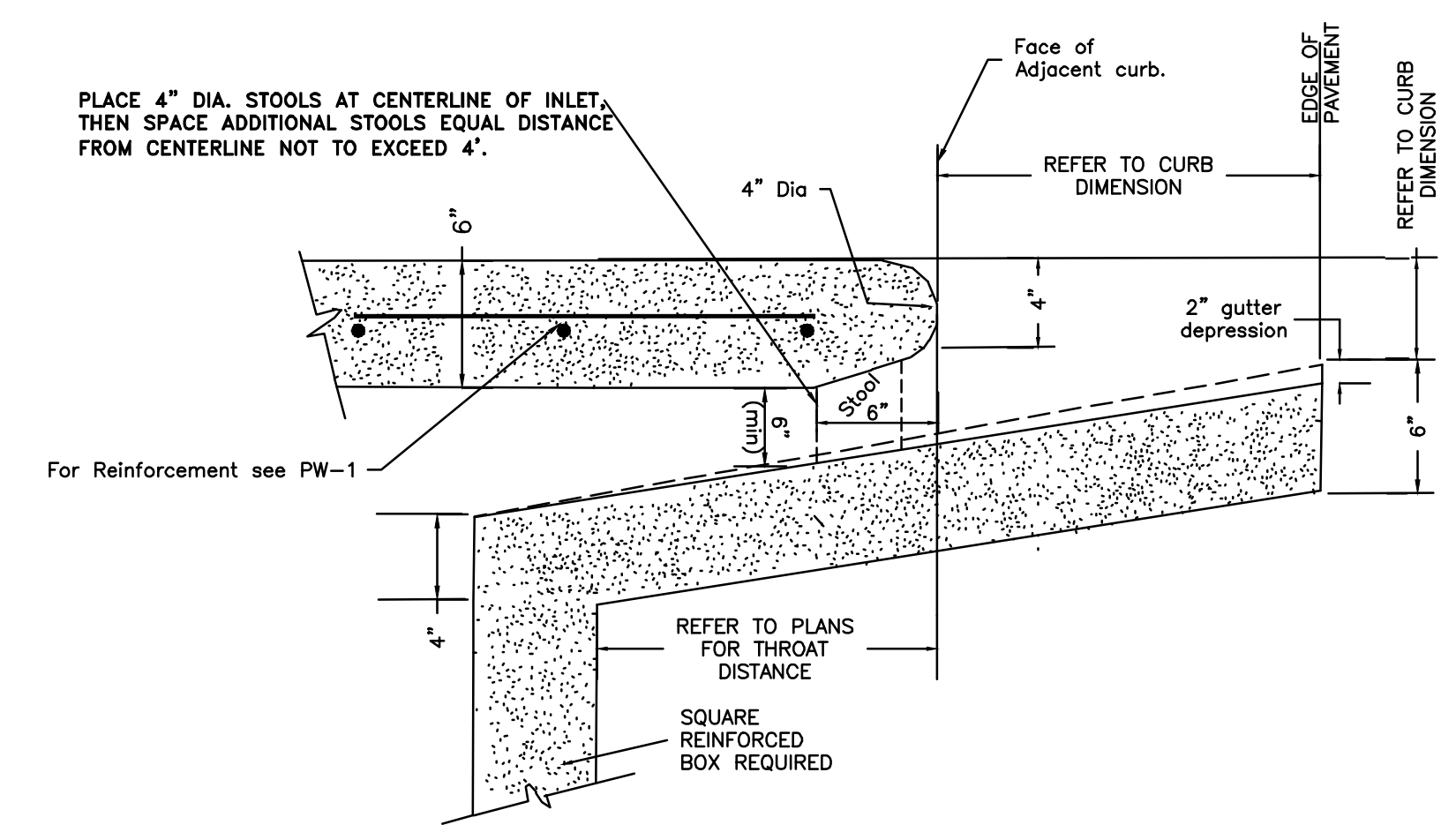
REVISIONS	DATE

PROJECT 17808000			
12th STREET JUMP START IMPROVEMENTS			
12/21/2018			
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	7856	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)	33276	S.F.
9.02	CONCRETE TURNED DOWN SIDEWALK (4" THICK)	1576	S.F.
9.03	CONCRETE TURNED UP SIDEWALK (4" THICK)	600	S.F.
9.04	CONCRETE STEPS	33	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)	3451	L.F.
14.01	SOLID SODDING (BERMUDA)	1605	S.Y.
16.01	MAINTENANCE OF TRAFFIC	1	L.S.
18.01	FENCING 4" CHAIN LINK	163	L.F.
18.02	FENCING 6" CHAIN LINK	180	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 (1")	104	L.F.
710.02	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	SANITARY SEWER MNHOLE ADJUSTMENT	7	EA
SP-4	EXTENDED CURB INLET THROAT	1	EA
SP-5	DEPRESSED CURB AND GUTTER	656	L.F.
SP-6	PERVIOUS CONCRETE PAVER	5988	S.F.
SP-7	#2 AGGREGATE BASE	741	TON
SP-8	#8 AGGREGATE BASE	82	TON
SP-9	#57 AGGREGATE BACKFILL	2125	TON
SP-10	BIORETENTION SOIL MIX	1190	C.Y.
SP-11	TREES, PLANTINGS, MULCH & DECORATIVE STONE	1	L.S.
SP-12	STREET LIGHT BASE, POLE, & FIXTURE	26	EA
SP-13	ELECTRIC CONDUCTORS IN CONDUIT (8 AWG)	8671	LF
SP-14	VANDAL RESISTANT PULL BOX INSERTS	26	EA
SP-15	UTILITY TRANSFORMER & SERVICE POINT FEES	2	EA
SP-16	ROAD BORE (3" CONDUIT)	682	L.F.
SP-17	RIVER ROCK	70	TON



DEPRESSED CURB AND GUTTER

NTS



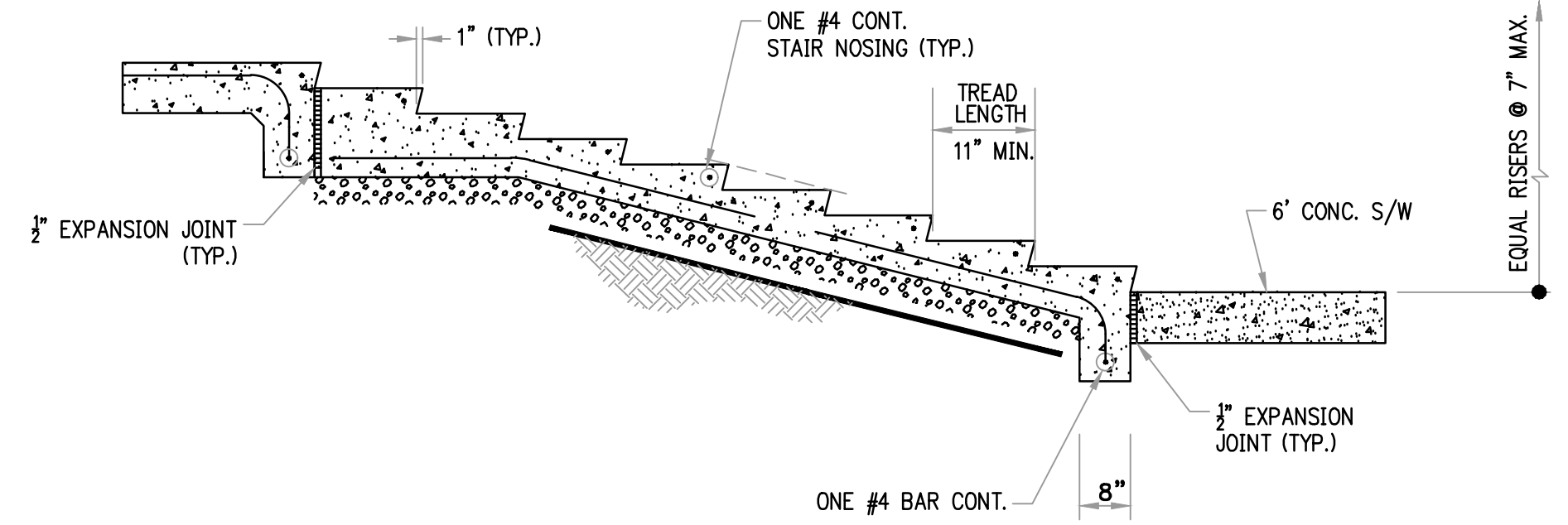
EXTENDED CURB INLET THROAT (SP-3)
INLET CI-14

EXISTING

- IRON ROD ○ IR
- PK NAIL ○ PK
- R.R. SPIKE ○ RR(Sp)
- CONC. MONUMENT □ CM
- WATER VALVE ∞ WV
- WATER METER □ WM
- FIRE HYDRANT ∞ FH
- GAS METER □ GM
- GAS VALVE ⊙ GV
- CLEAN-OUT ○ CO
- GUARD POST (BOLLARD) ● GP
- SIGN POST T
- BENCHMARK ⊕
- STORM SEWER MANHOLE (D)
- SANITARY SEWER MANHOLE (S)
- TELEPHONE MANHOLE (T)
- ELECTRIC MANHOLE (E)
- TELEPHONE BOX □
- ELECTRIC BOX □
- CABLE BOX □
- UTILITY POLE T
- GUY WIRE e
- LIGHT POLE ☆
- POST OR POLE (TYPE AS NOTED) ●
- MAILBOX □
- DECIDUOUS TREE [Tree Symbol]
- EVERGREEN/CONIFEROUS TREE [Tree Symbol]
- BUSH [Bush Symbol]
- 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 ————

PROPOSED

- CONTOUR [Symbol]
- SPOT ELEVATION [Symbol]
- SPOT CURB ELEVATION [Symbol]
- STORM SEWER - PIPE [Symbol]
- STORM SEWER - MITERED END SECTION [Symbol]
- STORM SEWER - GRATE INLET [Symbol]
- STORM SEWER - JUNCTION BOX [Symbol]
- STORM SEWER - FLARED END SECTION [Symbol]
- STORM SEWER - HEADWALL [Symbol]
- STORM SEWER - INLET WITH SINGLE EXTENSION [Symbol]
- STORM SEWER - INLET WITH DOUBLE EXTENSION [Symbol]
- STORM SEWER - AREA INLET [Symbol]
- 6" PERFORATED PIPE [Symbol]
- GRADE BREAK LINE [Symbol]
- HIGH POINT HP
- LOW POINT LP
- CUT LINE C
- FILL LINE F
- SANITARY SEWER PIPE [Symbol]
- SANITARY SEWER MANHOLE [Symbol]
- LIGHT POLE [Symbol]
- CURB [Symbol]
- CURB CUT W/LOCAL DEPRESSION [Symbol]
- THERMOPLASTIC CROSSWALK [Symbol]
- PERVIOUS PAVER [Symbol]
- CONCRETE [Symbol]
- ASPHALT PAVEMENT [Symbol]
- CONSTRUCTION - ENTRANCE/EXIT [Symbol]
- CHECK DAM [Symbol]
- DIVERSION BERM [Symbol]
- DOWNDRAIN STRUCTURE - TEMPORARY [Symbol]
- ROCK DAM [Symbol]
- SEDIMENT BARRIER - SILT FENCE [Symbol]
- SEDIMENT BARRIER - GRAVEL RING [Symbol]
- SEDIMENT BARRIER - BLOCK & GRAVEL [Symbol]
- SEDIMENT BARRIER - BLOCK [Symbol]
- TEMPORARY SEDIMENT BASIN [Symbol]
- SILT FENCE - TYPE A [Symbol]
- SILT FENCE - TYPE B [Symbol]
- SILT FENCE - TYPE C [Symbol]
- STORM DRAIN OUTLET PROTECTION [Symbol]
- SURFACE ROUGHENING [Symbol]
- DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION [Symbol]
- DISTURBED AREA STABILIZATION - TEMPORARY GRASSING [Symbol]
- DISTURBED AREA STABILIZATION - PERMANENT GRASSING [Symbol]
- MATTING/BLANKETS [Symbol]



CONCRETE STAIR WITH NO GRADE DROP AT EITHER SIDE OF STAIR
NTS NOTE: REFER TO PLANS FOR STAIR LENGTH, RISE AND LOCATION

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12TH STREET JUMP START IMPROVEMENTS
QUANTITIES, LEGENDS AND NOTES

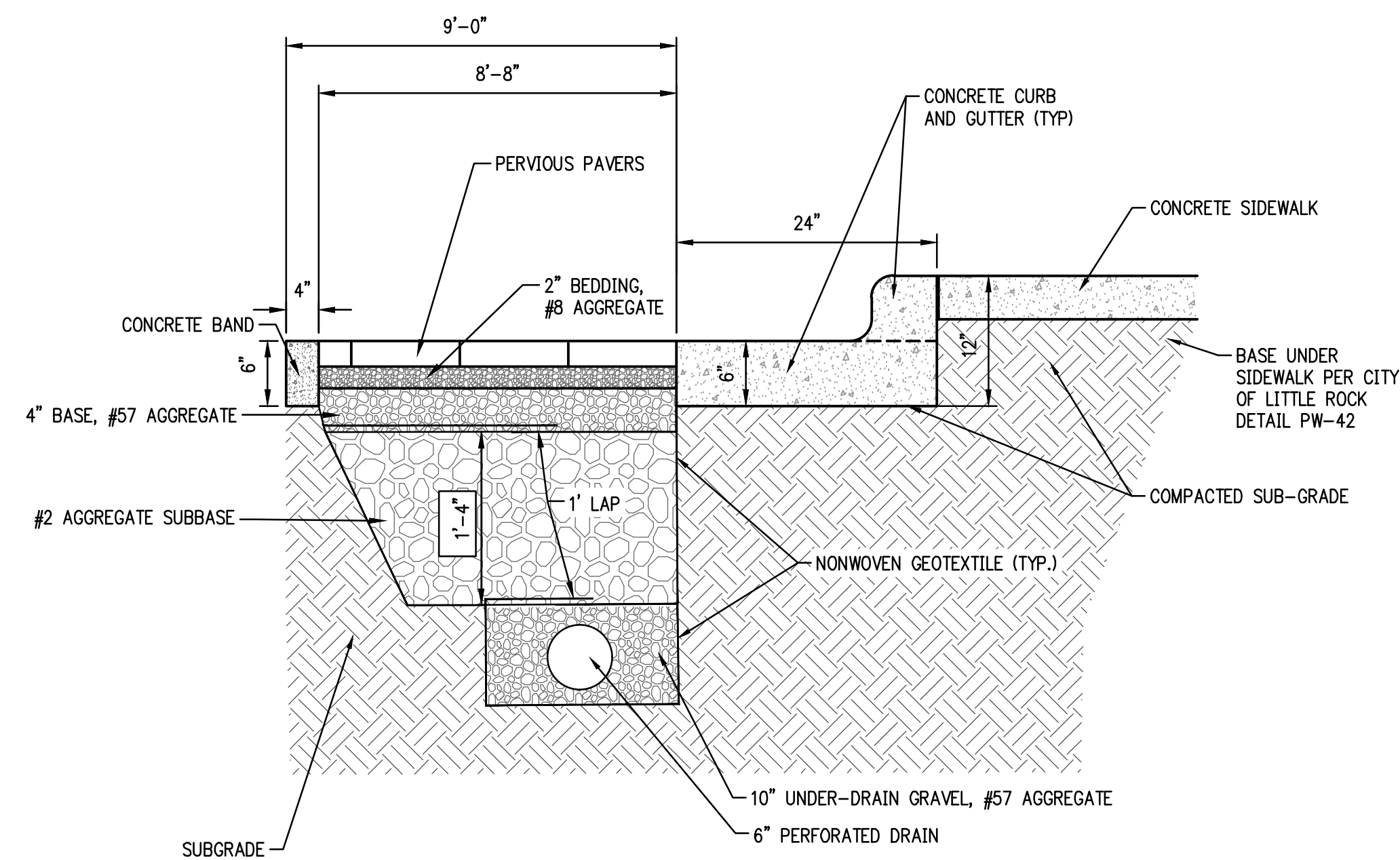
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LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13217
BRADLEY A. PETERSON
7/9/19

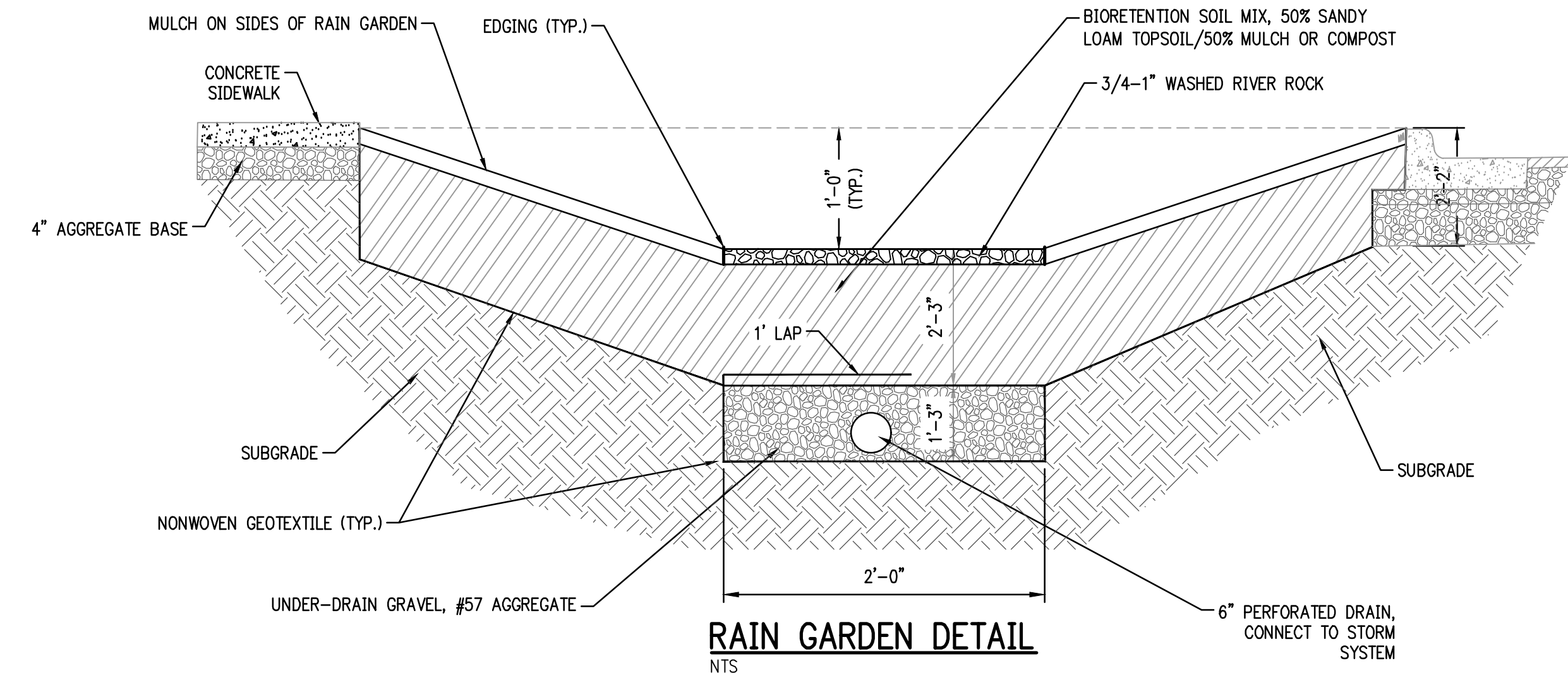
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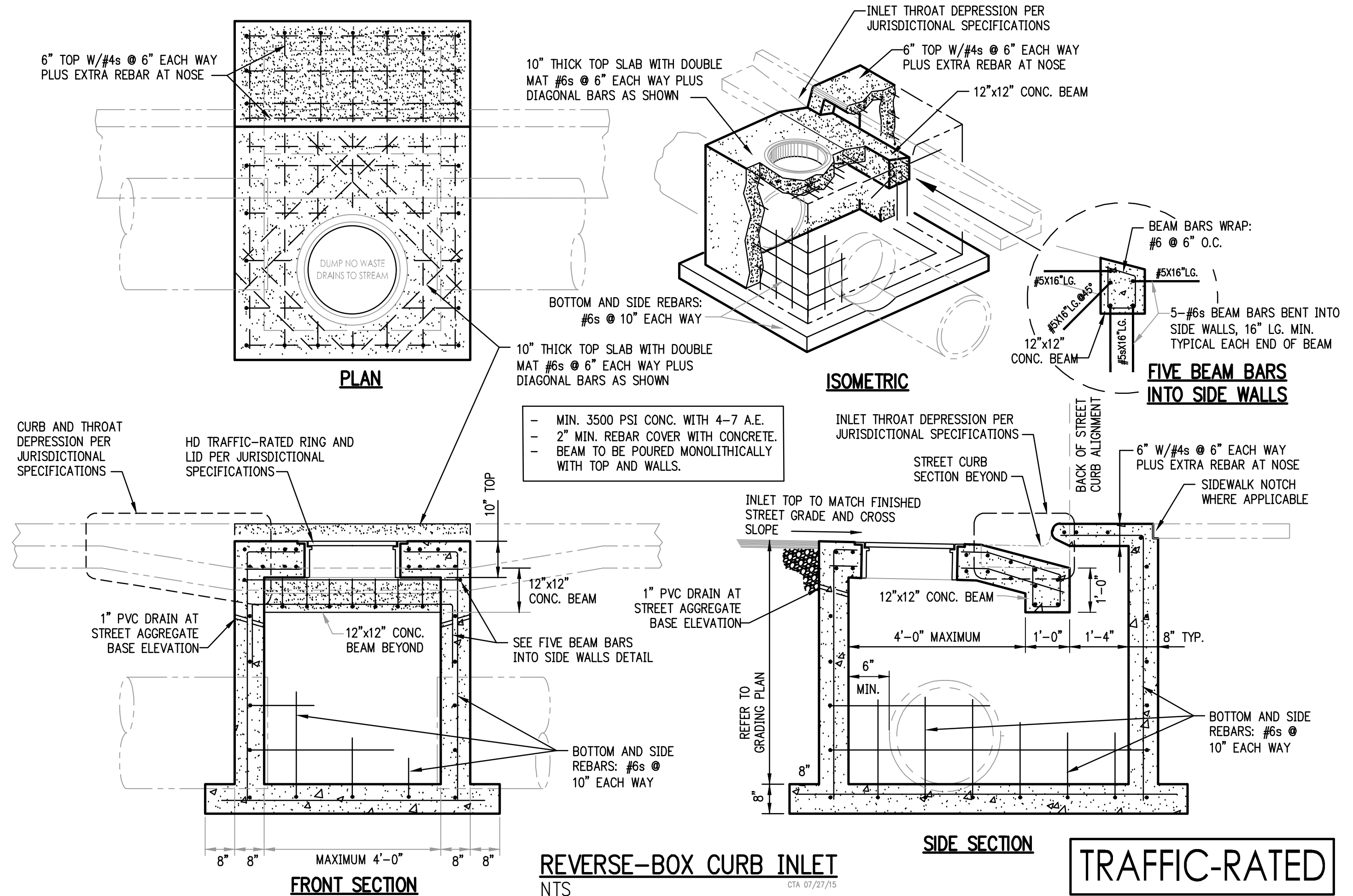
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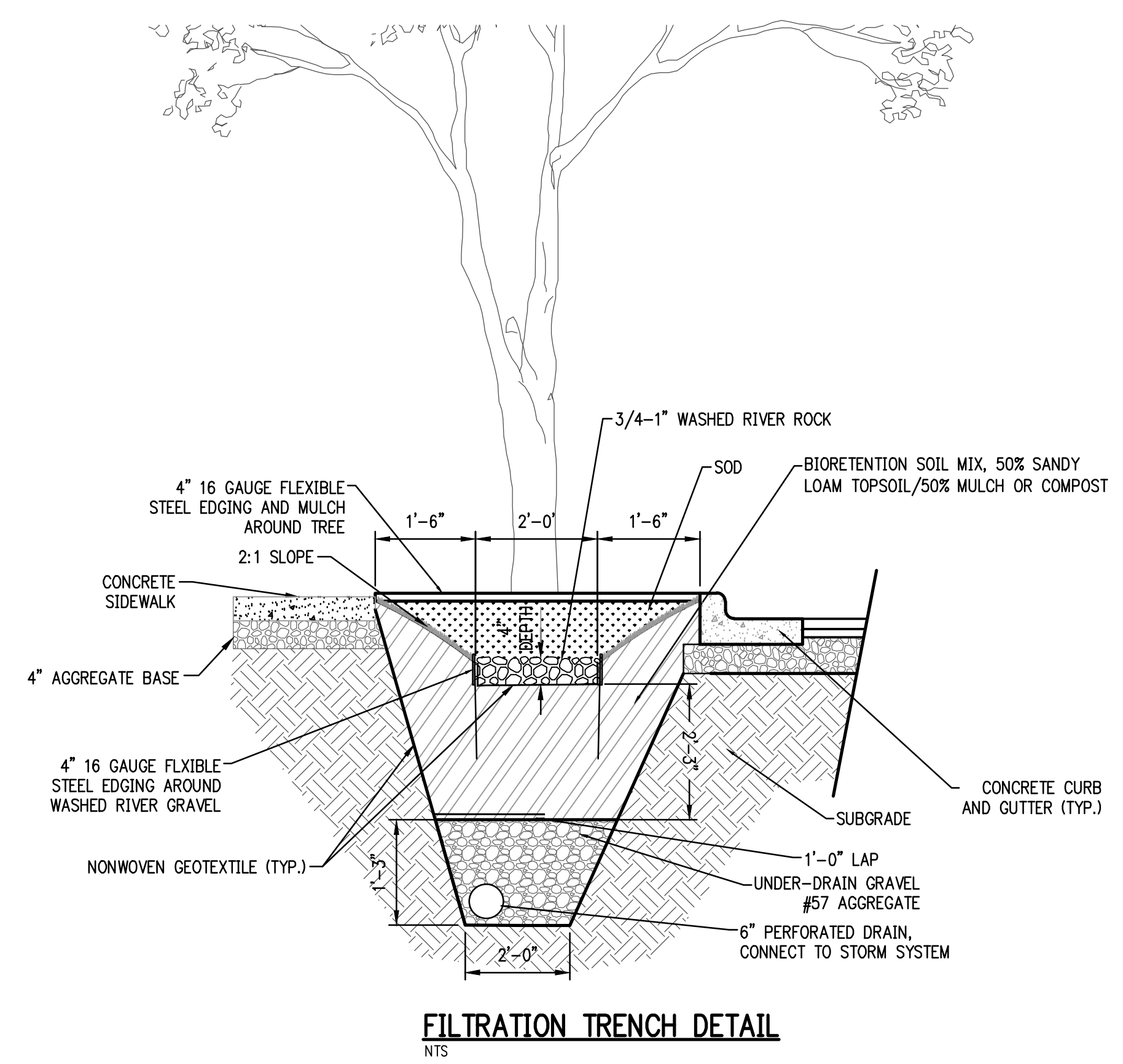
PERMEABLE PARKING/PERVIOUS CURB & GUTTER AT SIDEWALK
NTS



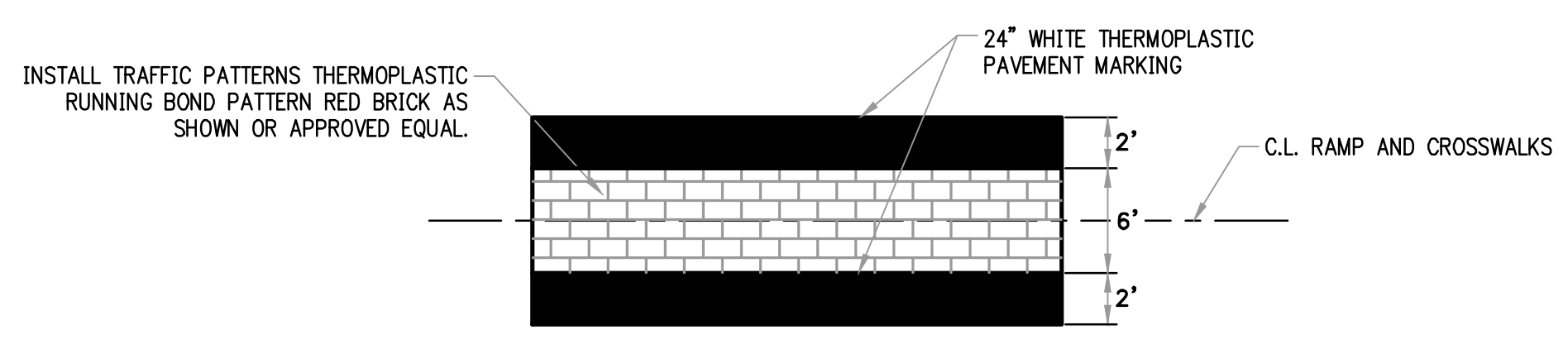
RAIN GARDEN DETAIL
NTS



REVERSE-BOX CURB INLET TRAFFIC-RATED
NTS



FILTRATION TRENCH DETAIL
NTS



CROSSWALK DETAIL
NTS

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

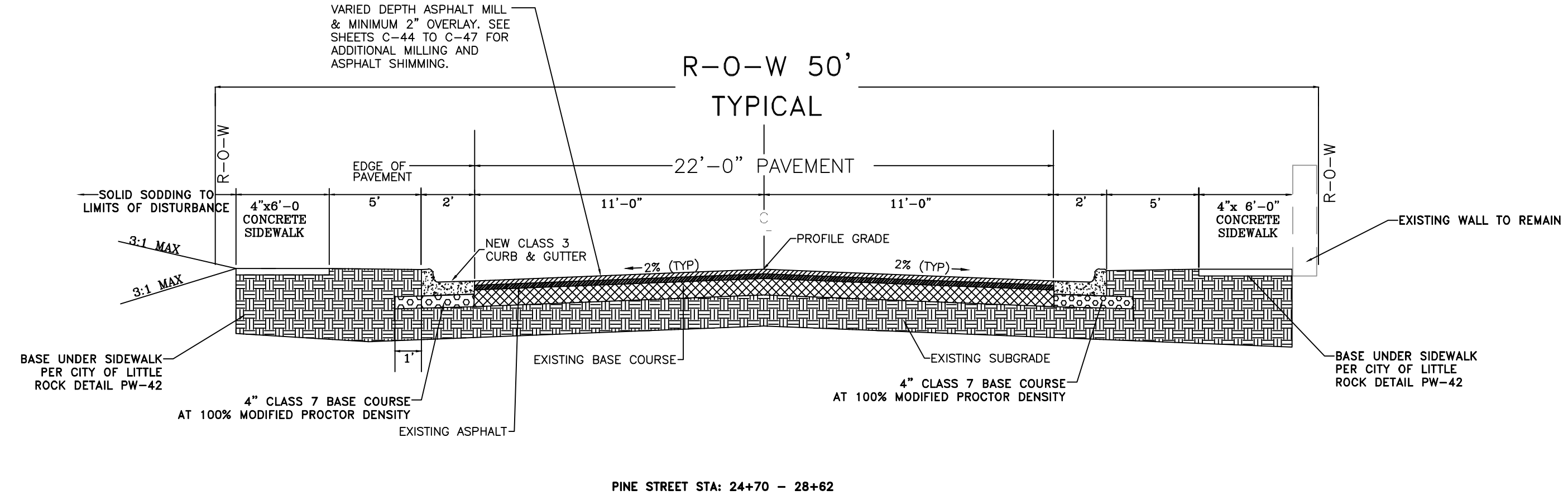
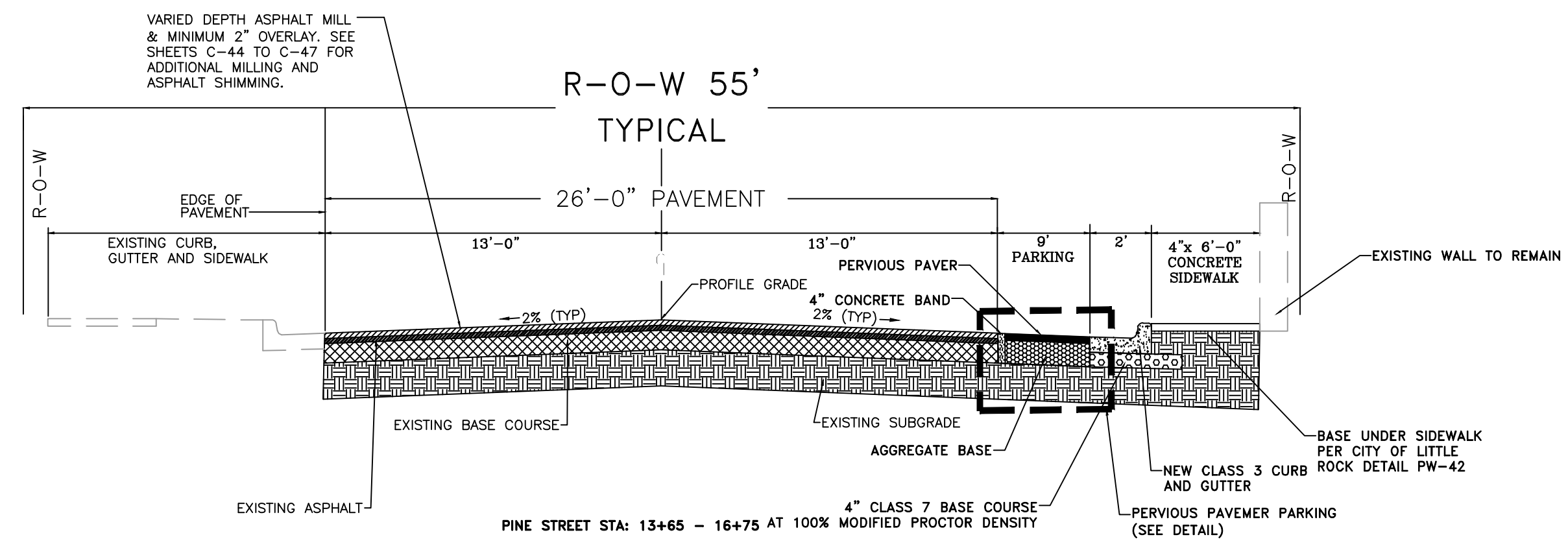
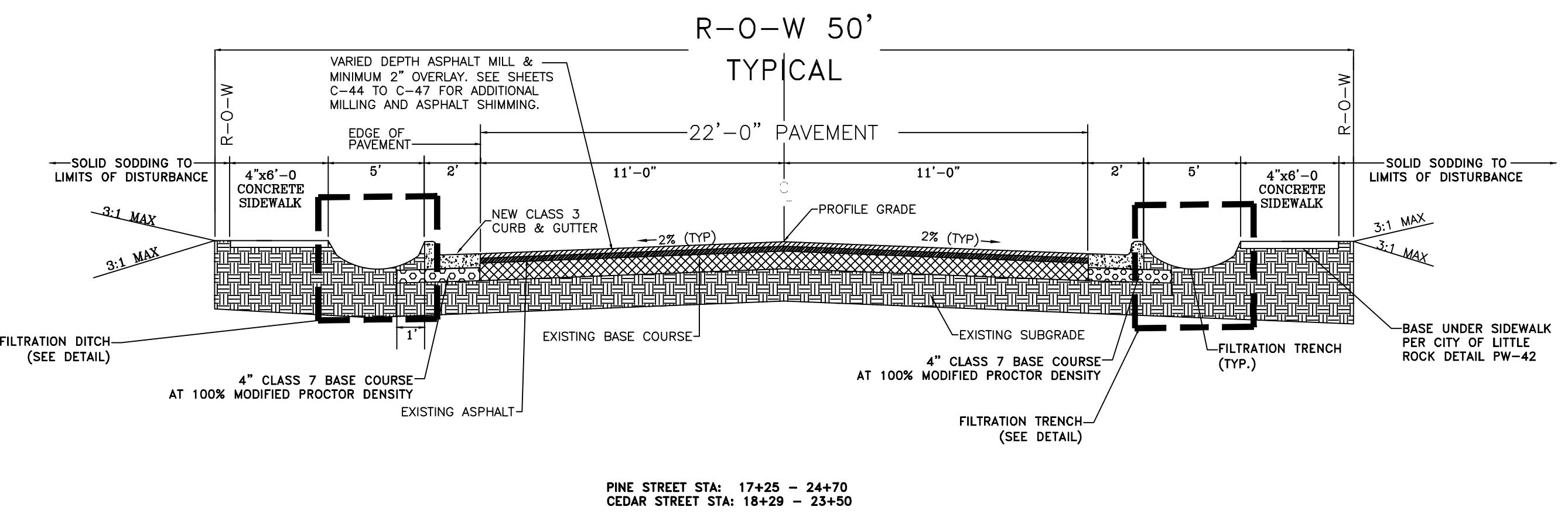
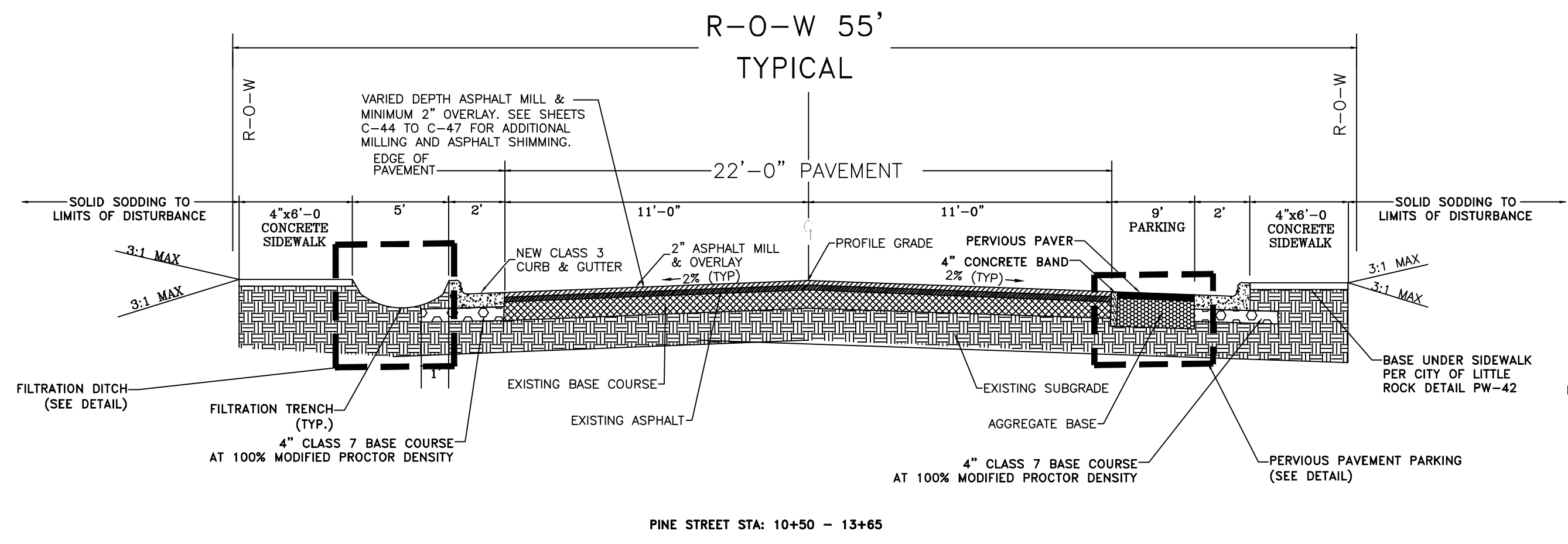
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REGISTERED PROFESSIONAL ENGINEER
BRADLEY A. PETERSON
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CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
TYPICAL SECTIONS SHEET 1



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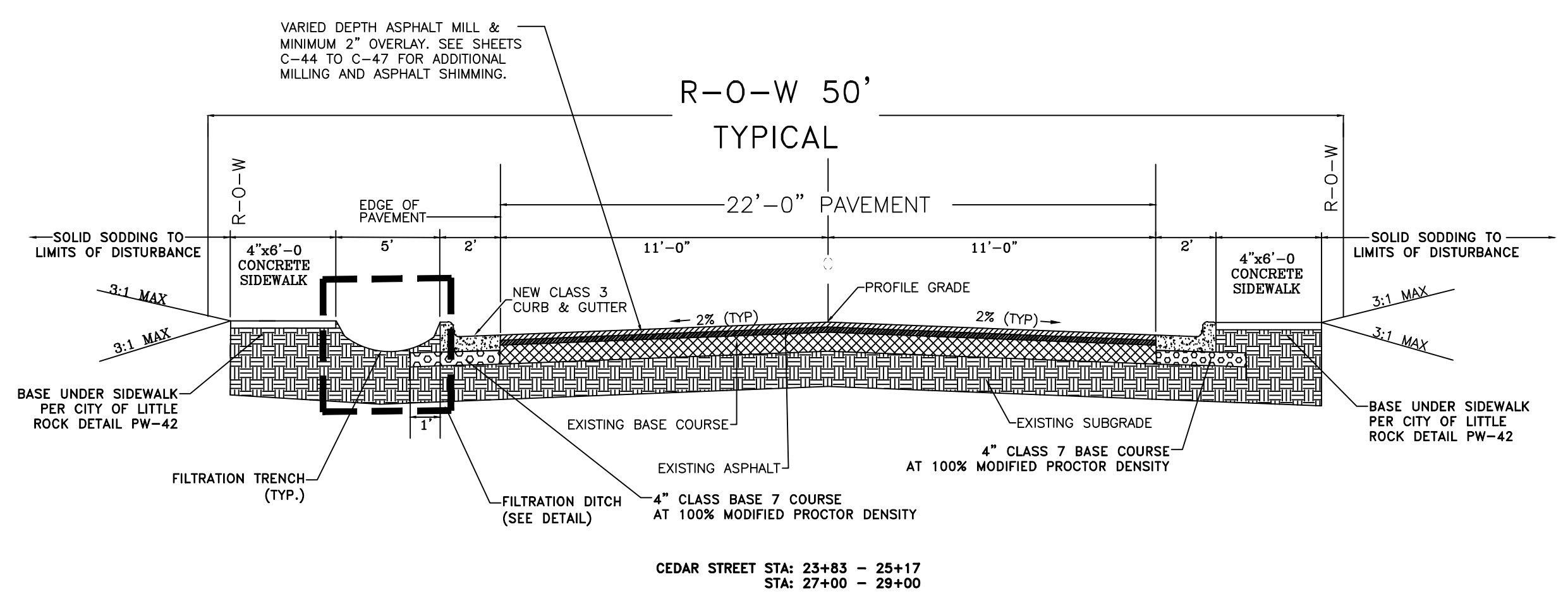
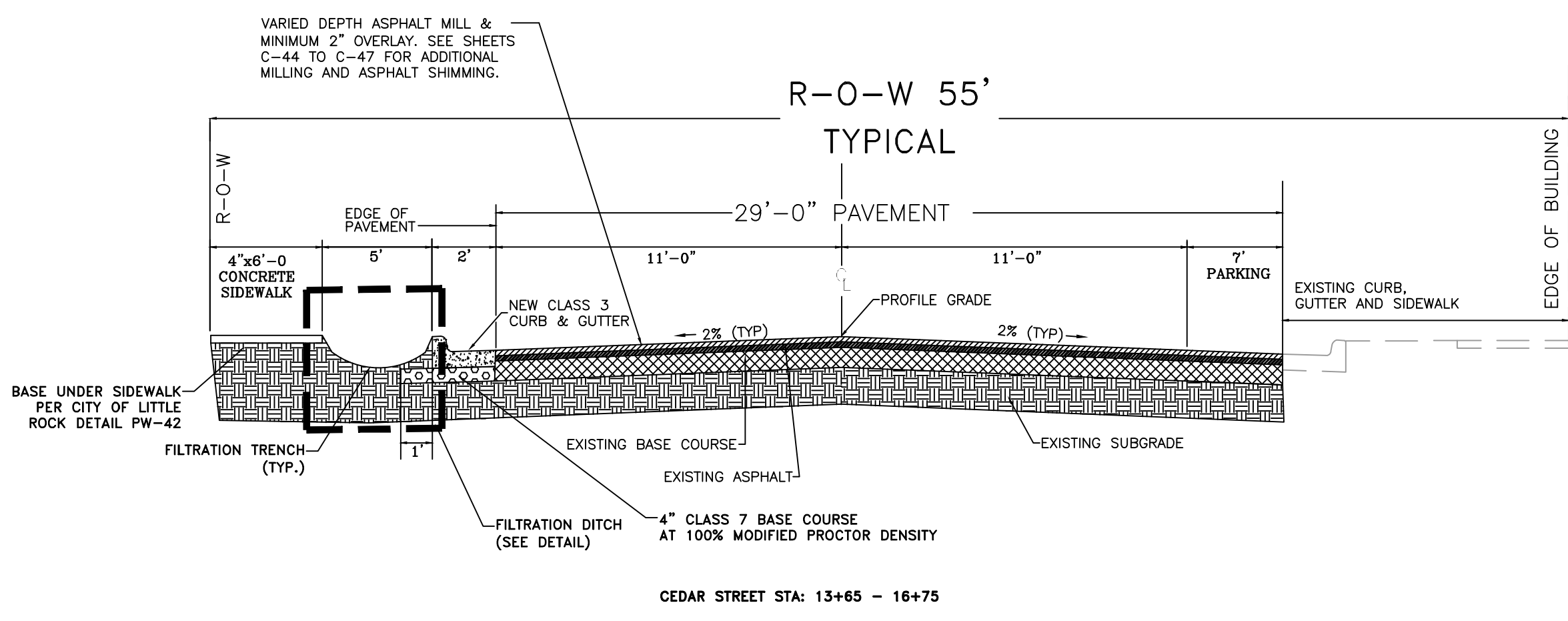
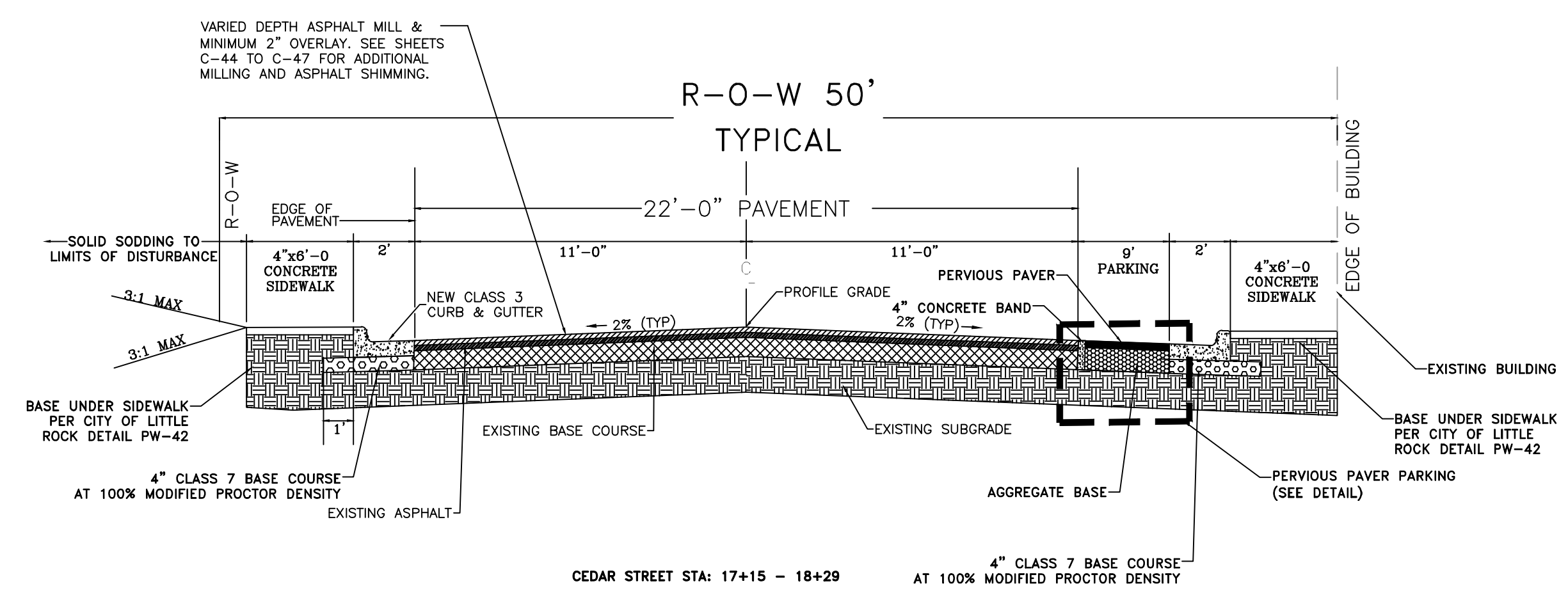
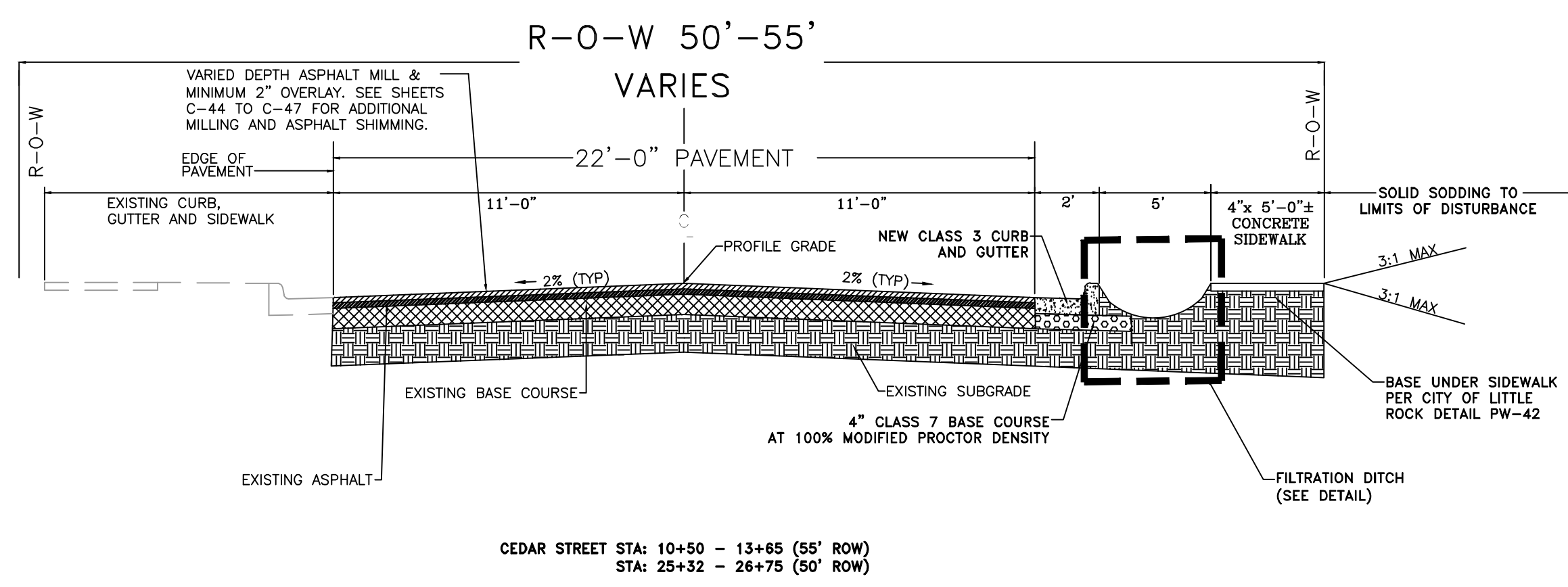
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12TH STREET JUMP START IMPROVEMENTS
TYPICAL SECTIONS SHEET 2

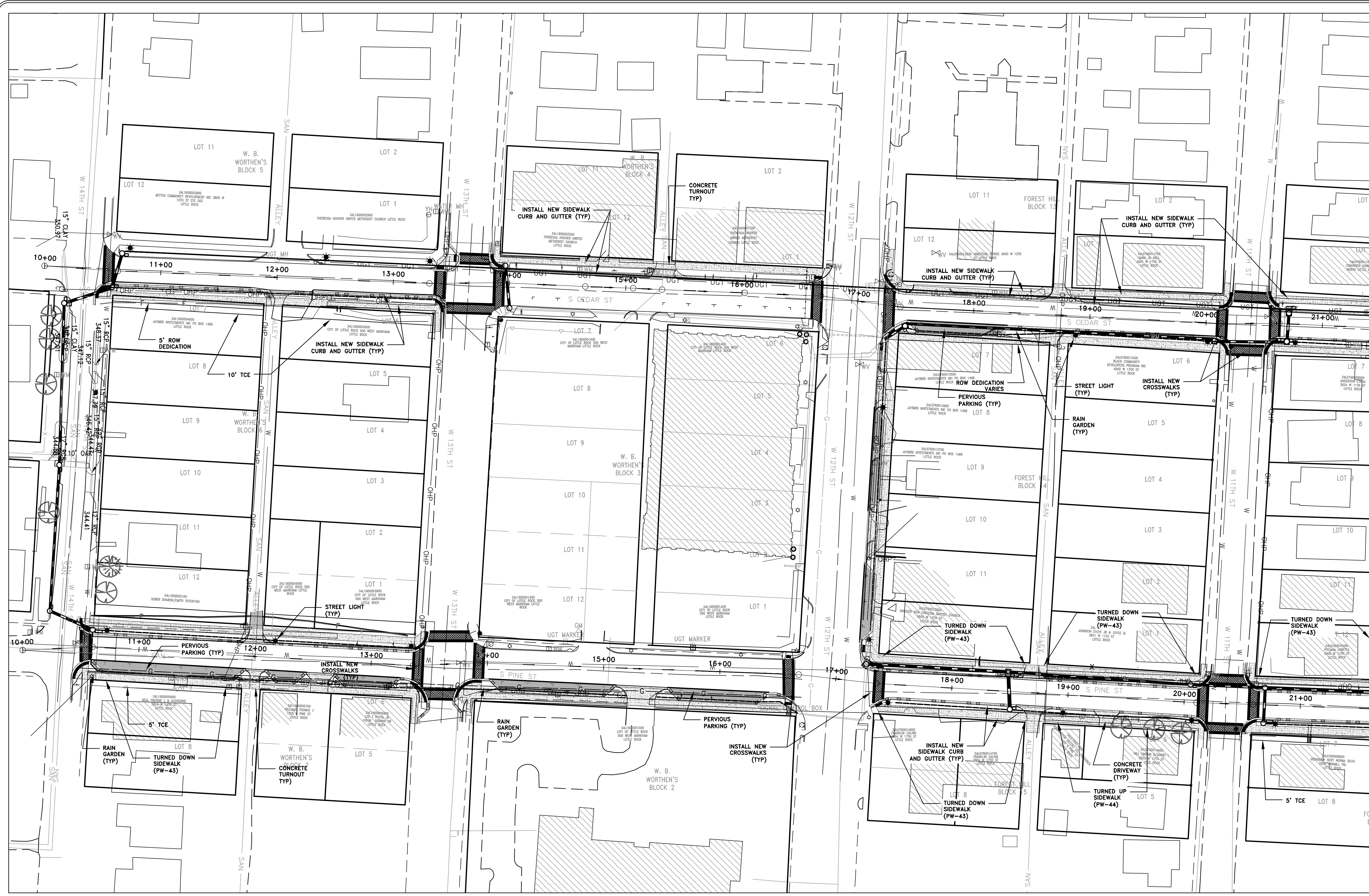
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 LITTLE ROCK, ARKANSAS 72201



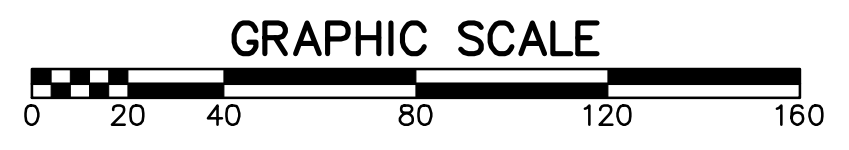
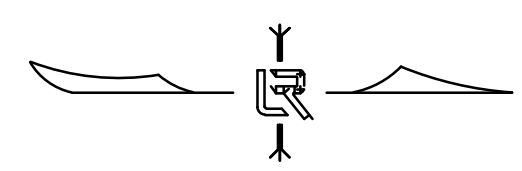
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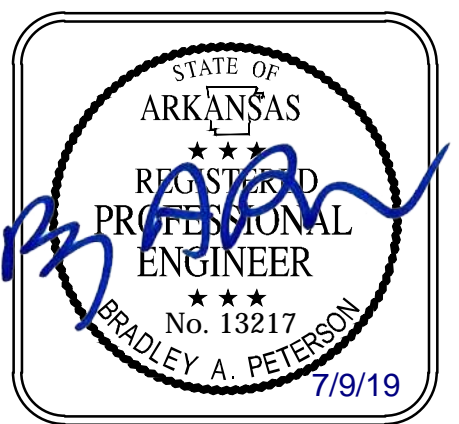
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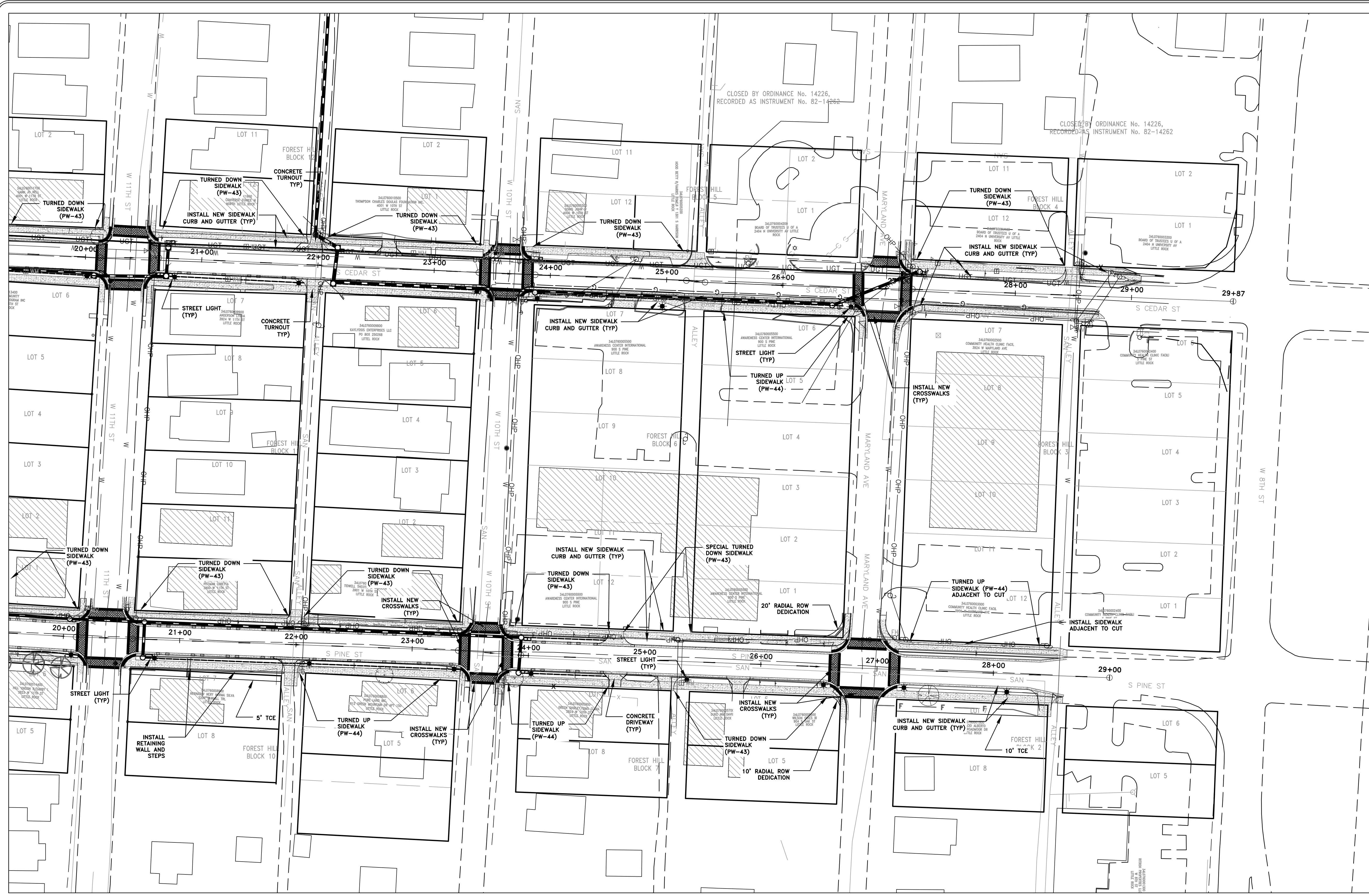
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
OVERALL PLAN 1 of 2

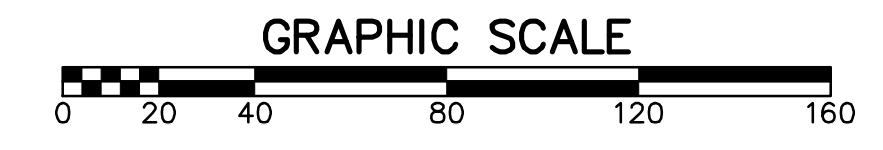
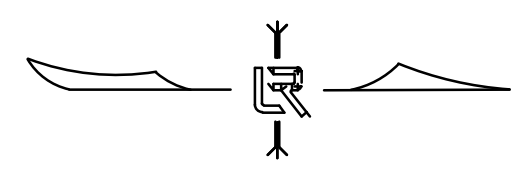
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 PROJECT NO.
 061552
 SHEET NO.
C6



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REVISIONS	DATE

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

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



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 DATE
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 SCALE 1" = 40'
 PROJECT NO.
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 SHEET NO.
C7

REVISIONS	DATE

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

DEPARTMENT OF PUBLIC WORKS
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 701 W. MARKHAM
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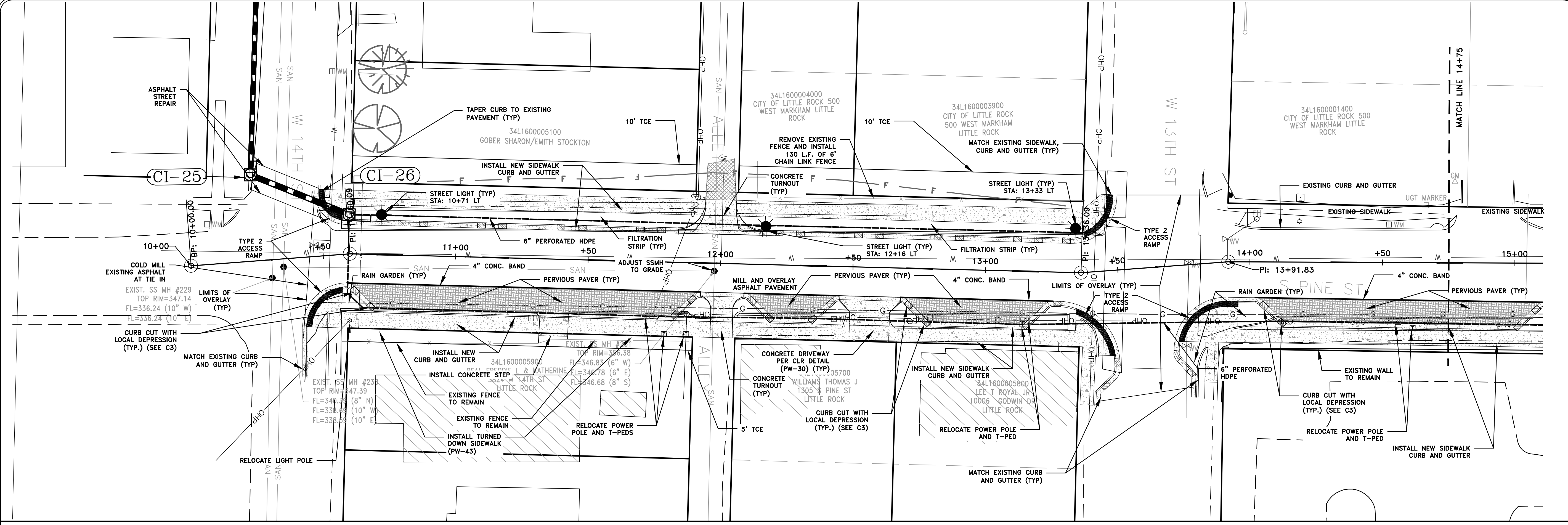
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DATE
07-09-2019

SCALE
H: 1"=20'
V: 1"=5'

PROJECT NO.
061552

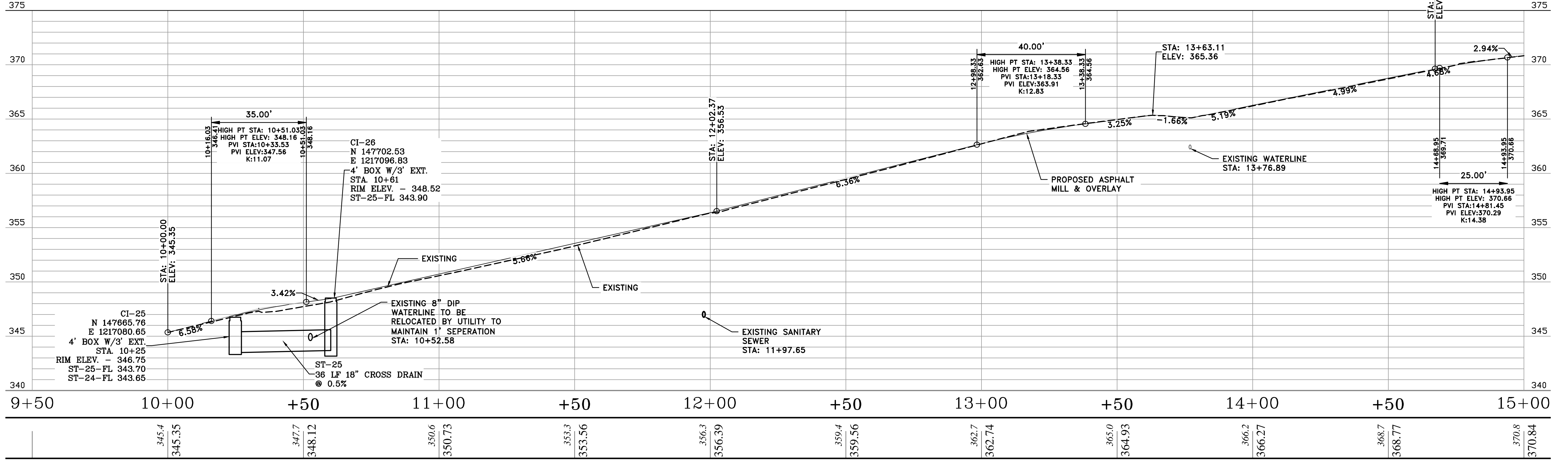
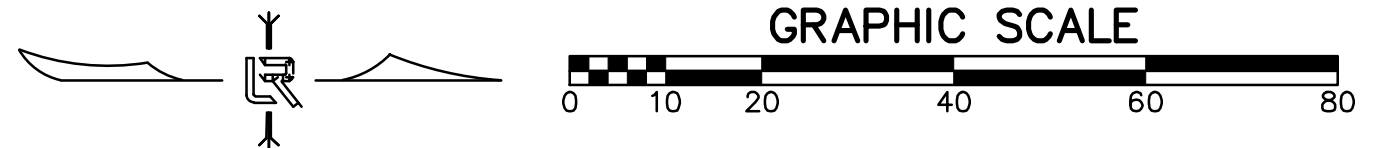
SHEET NO.
C8



BENCHMARK TABLE

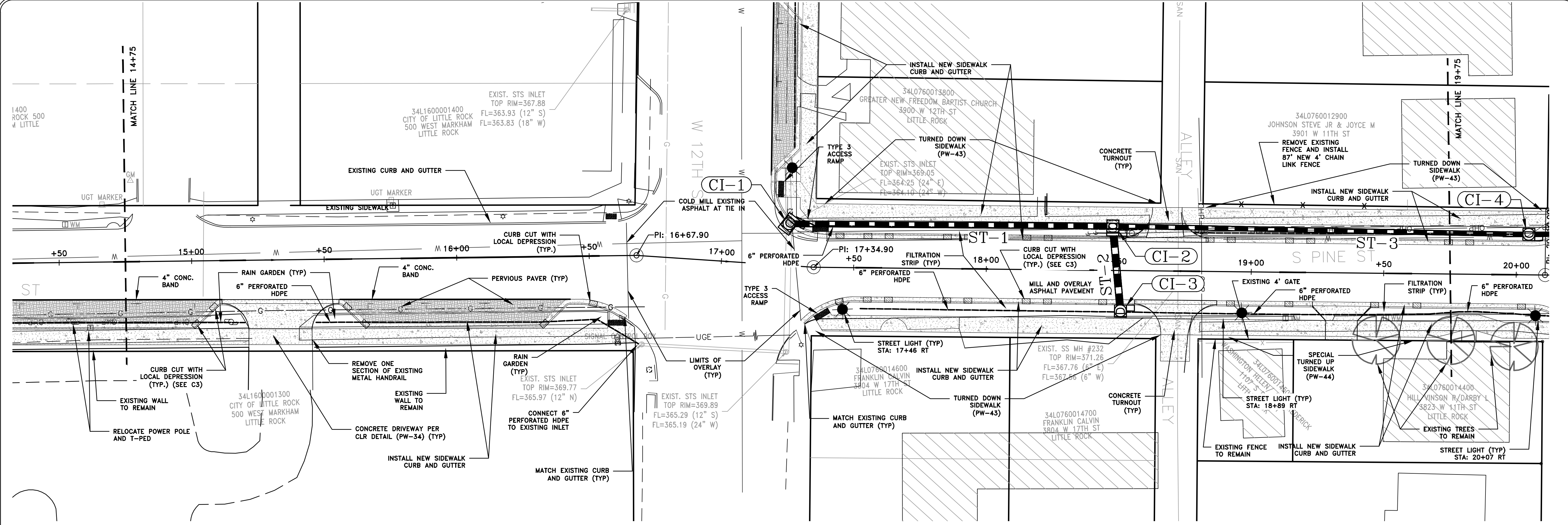
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5	SET PK NAIL	148035.32	1217100.05	365.67
6	SET PK NAIL	148685.40	1217182.15	379.92
7	SET PK NAIL	149031.13	1217144.34	397.29

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PINE ST

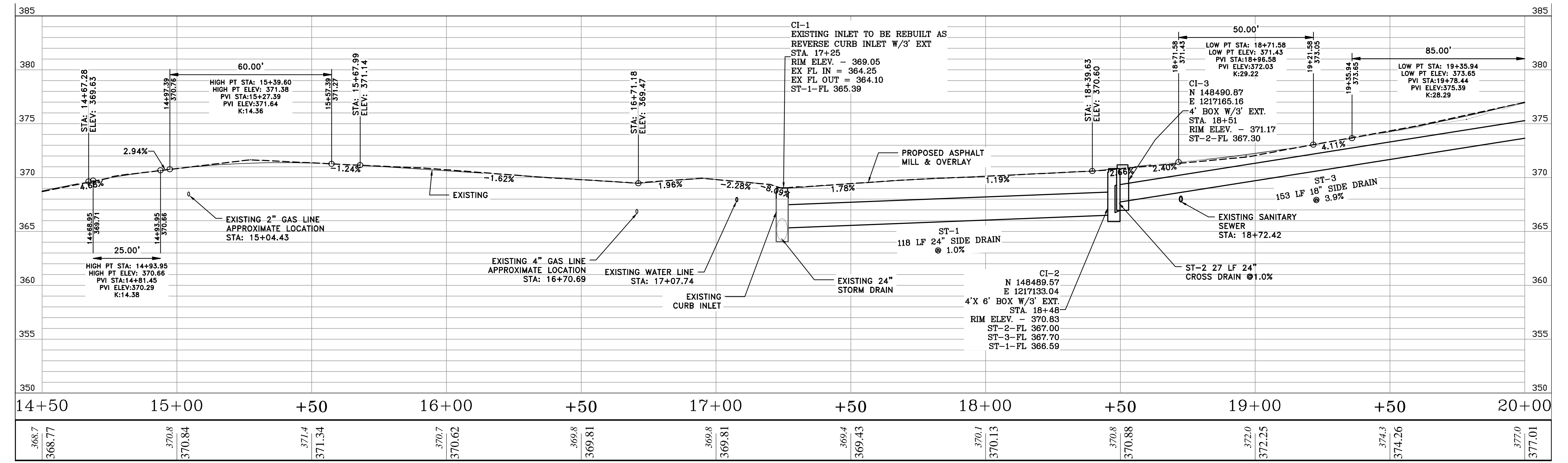
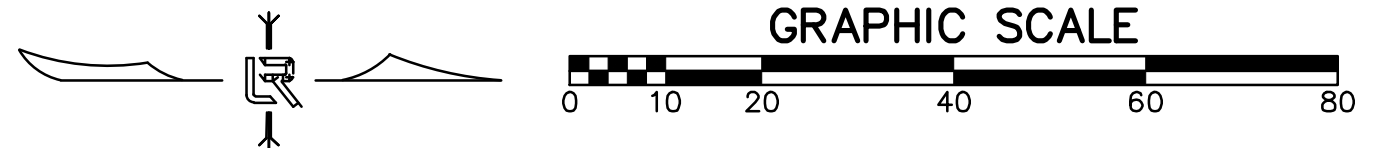
REVISIONS	DATE



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

100% SUBMITTAL



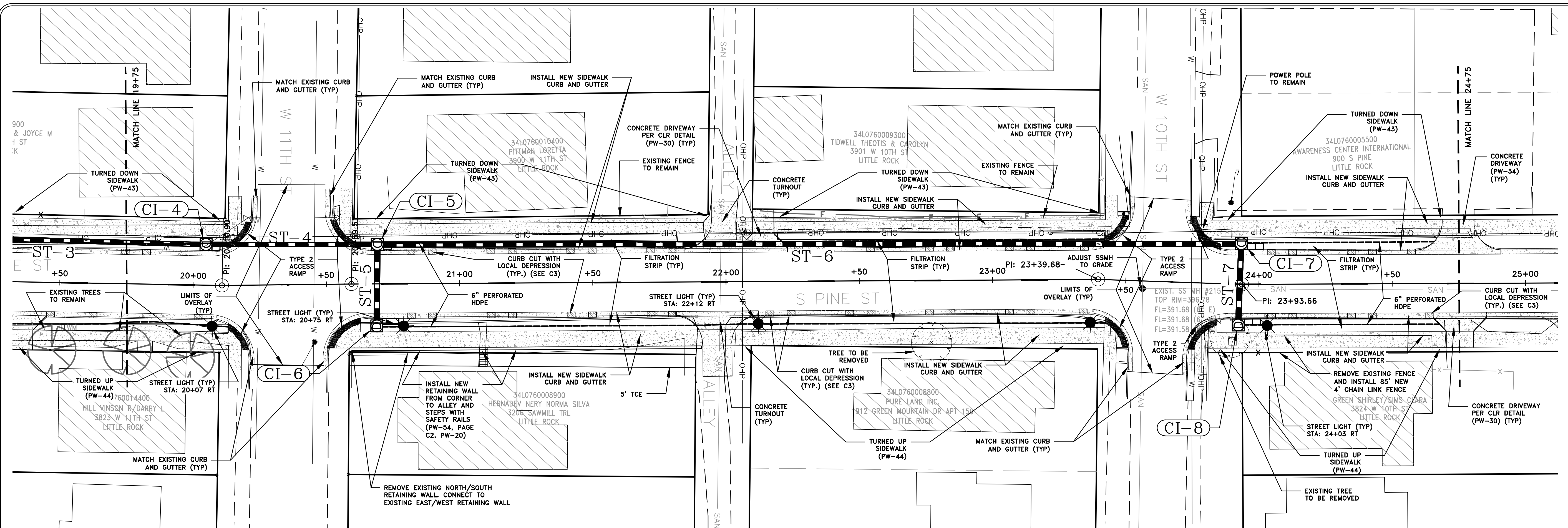
PINE ST

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

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



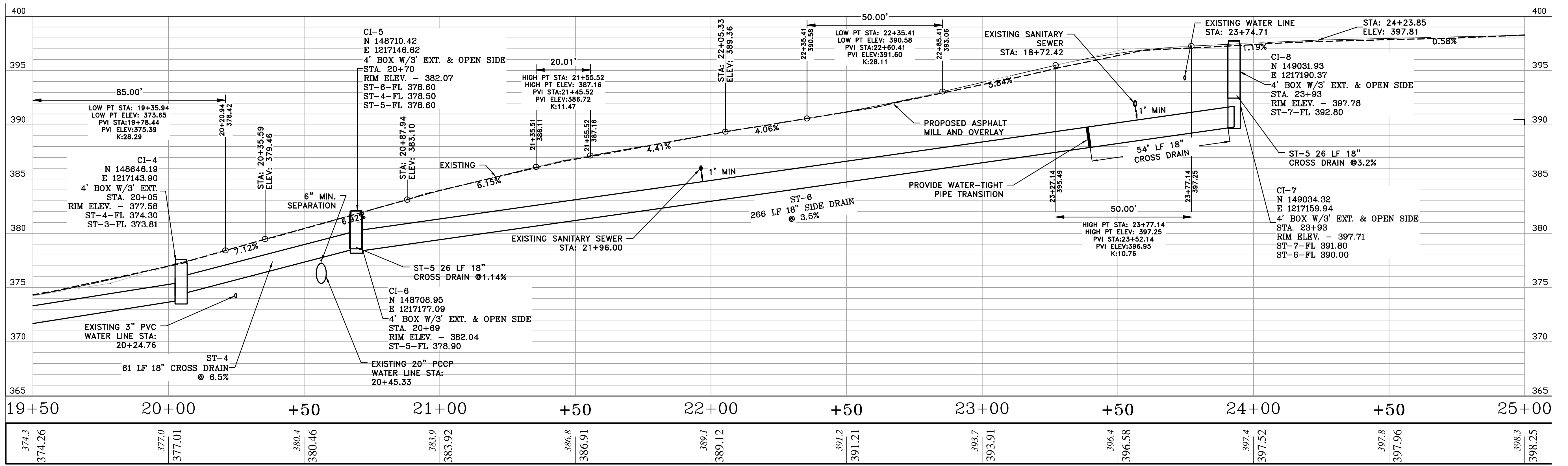
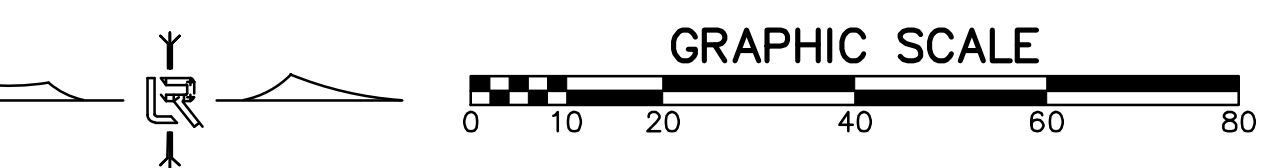
DRAWN BY
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DESIGNED
 MGB
CHECKED
 BAP
DATE
 07-09-2019
SCALE
 H: 1"=20'
 V: 1"=5'
PROJECT NO.
 061552
SHEET NO.
 C9



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

100% SUBMITTAL



PINE ST

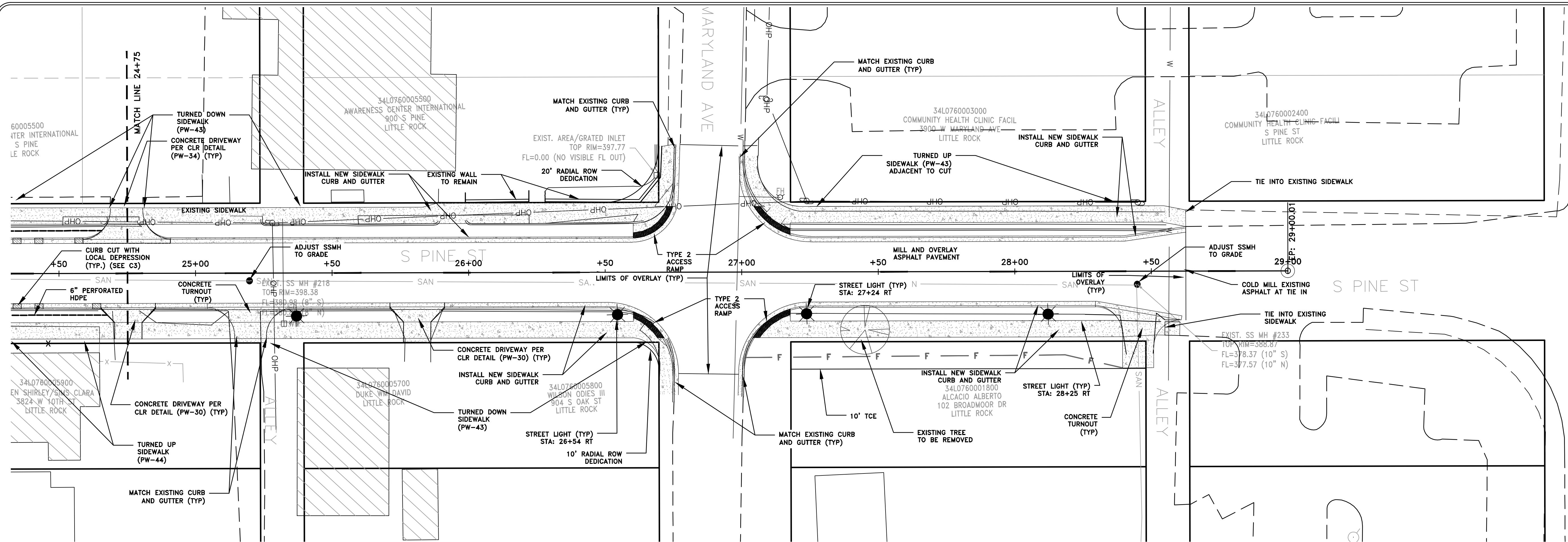
REVISIONS	DATE

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

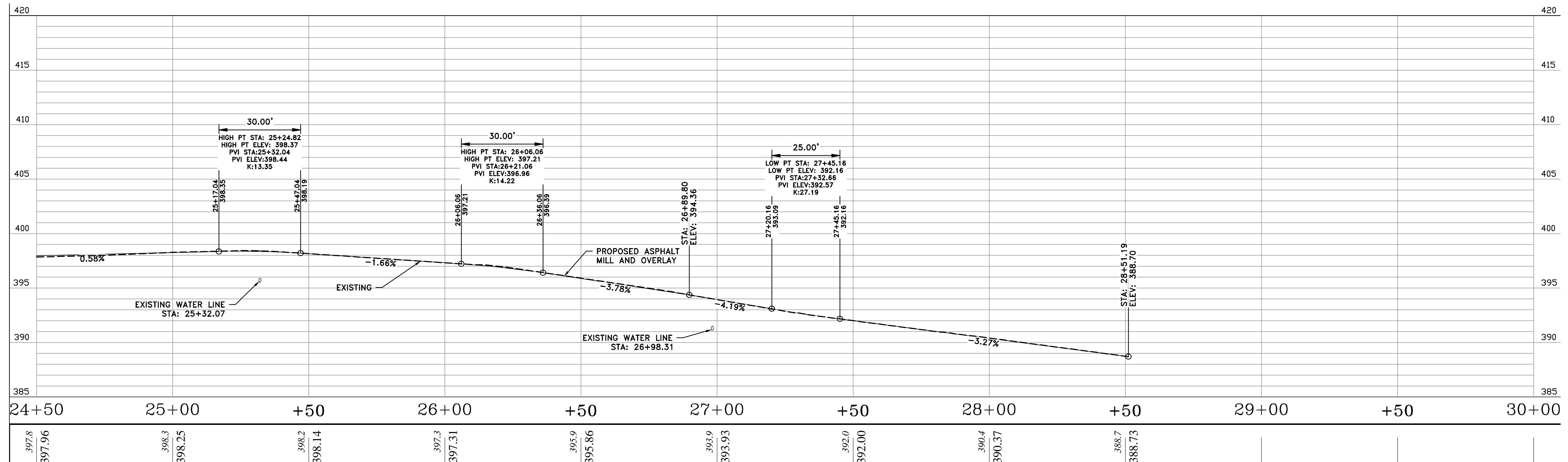
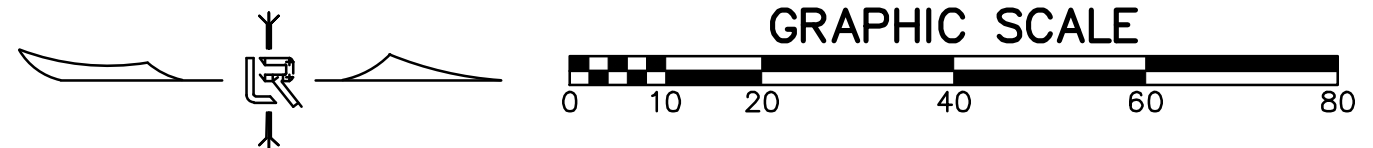
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CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



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DATE 07-09-2019
SCALE H: 1"=20'
V: 1"=5'
PROJECT NO. 061552
SHEET NO. C10



100% SUBMITTAL



PINE ST

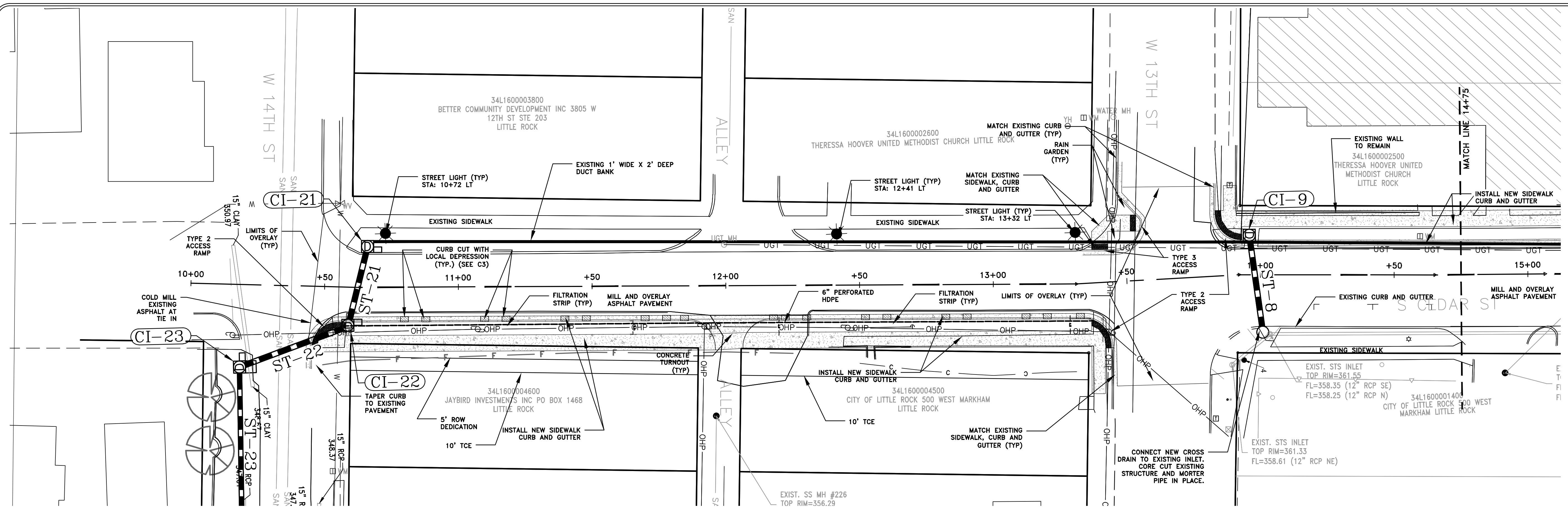
REVISIONS	DATE

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

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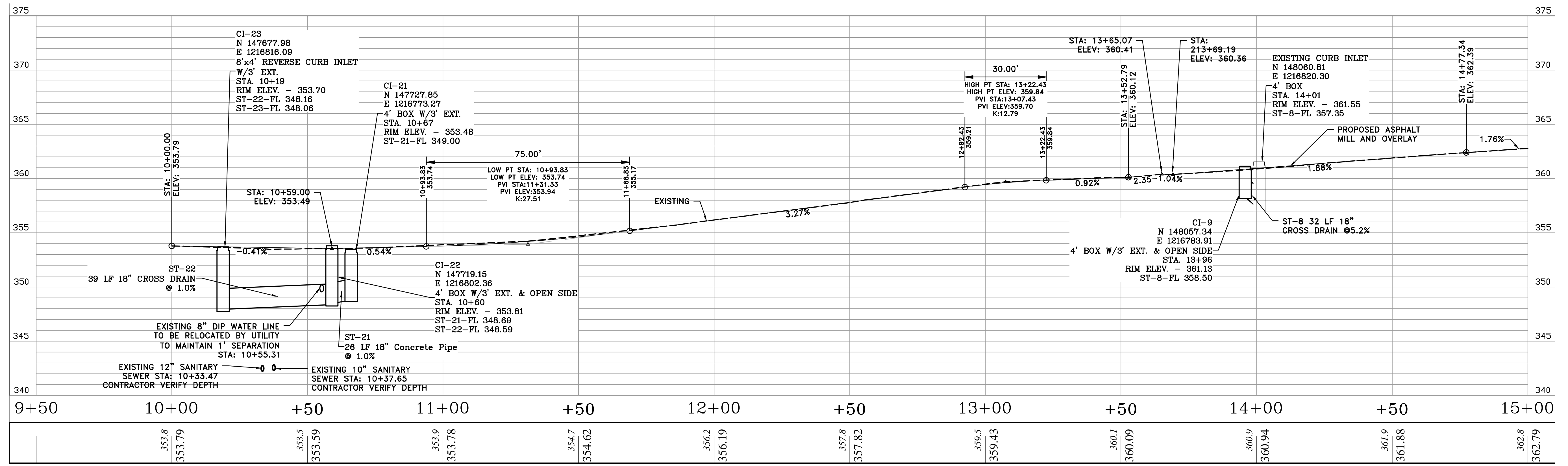
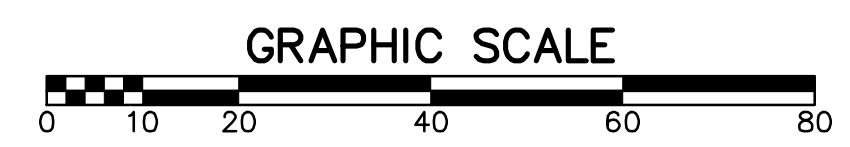
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 CHECKED
 DATE 07-09-2019
 SCALE H: 1"=20' V: 1"=5'
 PROJECT NO. 061552
 SHEET NO. C11



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

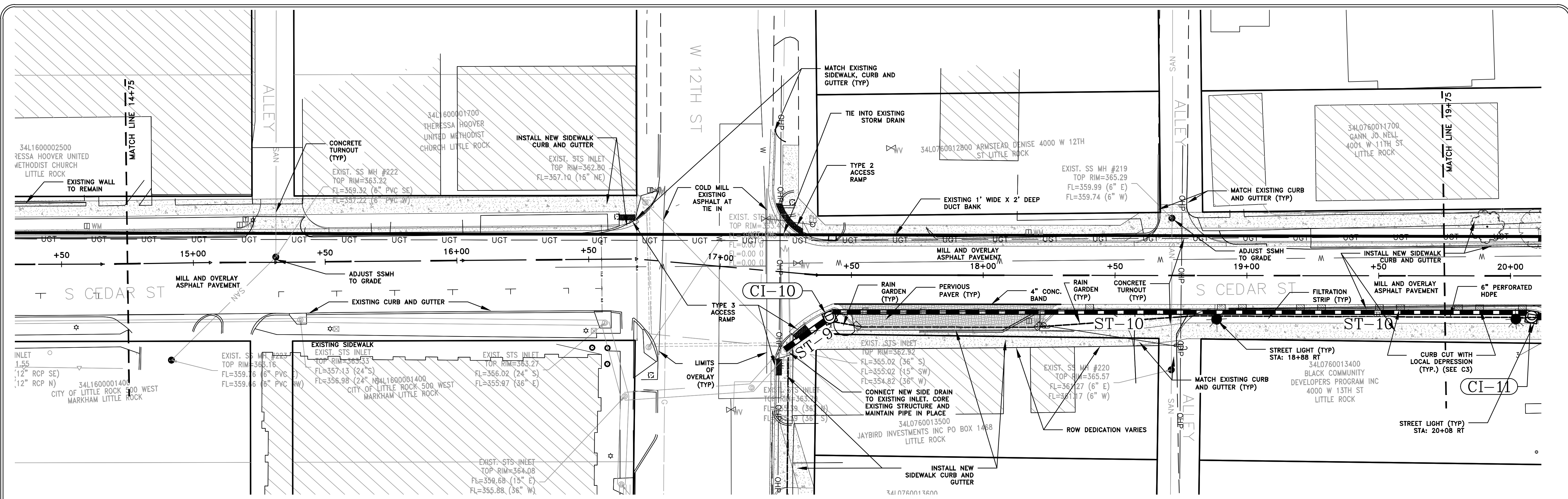
100% SUBMITTAL



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REVISIONS	DATE
CITY OF LITTLE ROCK, ARKANSAS	
12TH STREET JUMP START IMPROVEMENTS	
CEDAR STREET P&P SHEET 1	
STA 10+00 TO 15+00	
DEPARTMENT OF PUBLIC WORKS	
CIVIL ENGINEERING	
701 W. MARKHAM	
LITTLE ROCK, ARKANSAS 72201	
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DATE	
07-09-2019	
SCALE	
H: 1"=20'	
V: 1"=5'	
PROJECT NO.	
061552	
SHEET NO.	
C12	

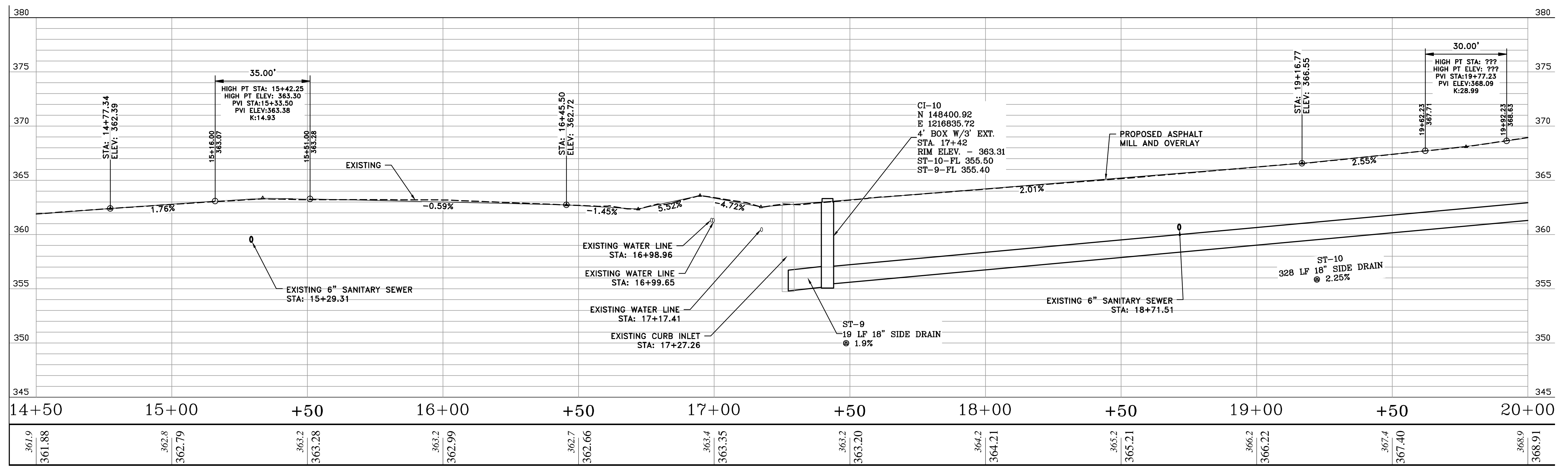
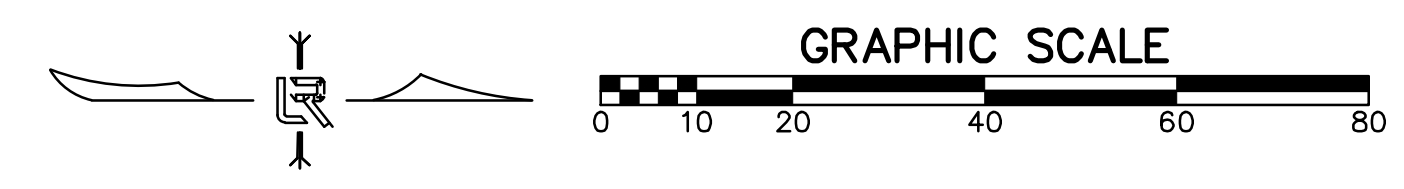
REVISIONS	DATE



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
3	SET PK NAIL	148681.26	1216853.42	369.45
4	SET PK NAIL	148053.37	1216830.41	361.36

100% SUBMITTAL



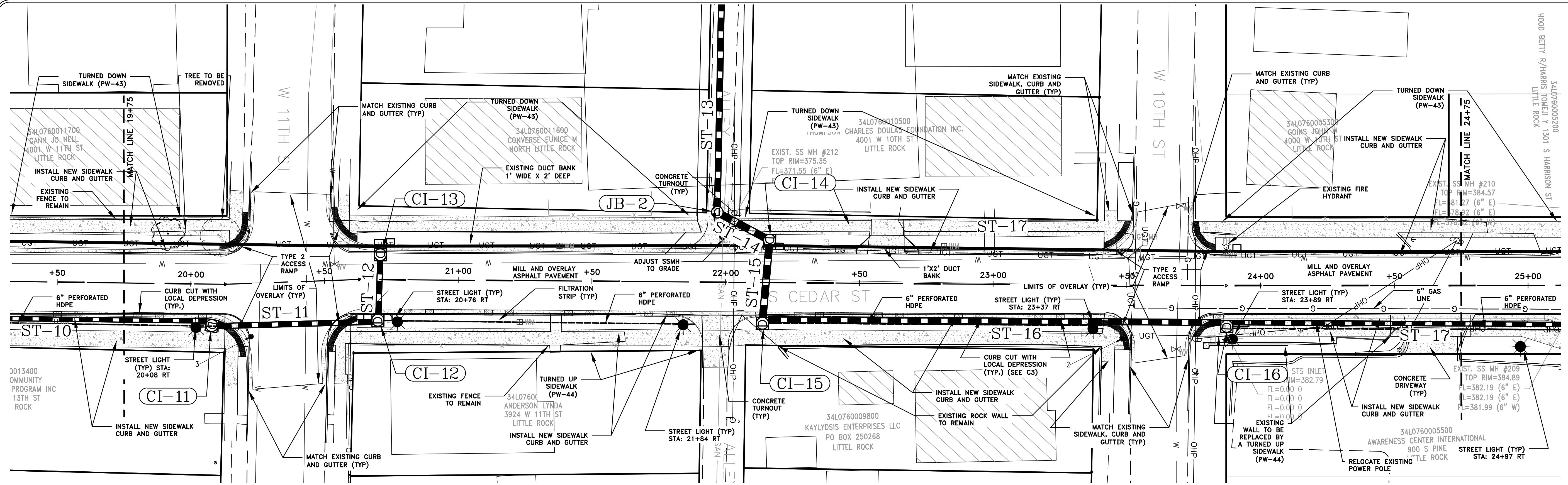
CEDAR ST

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

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



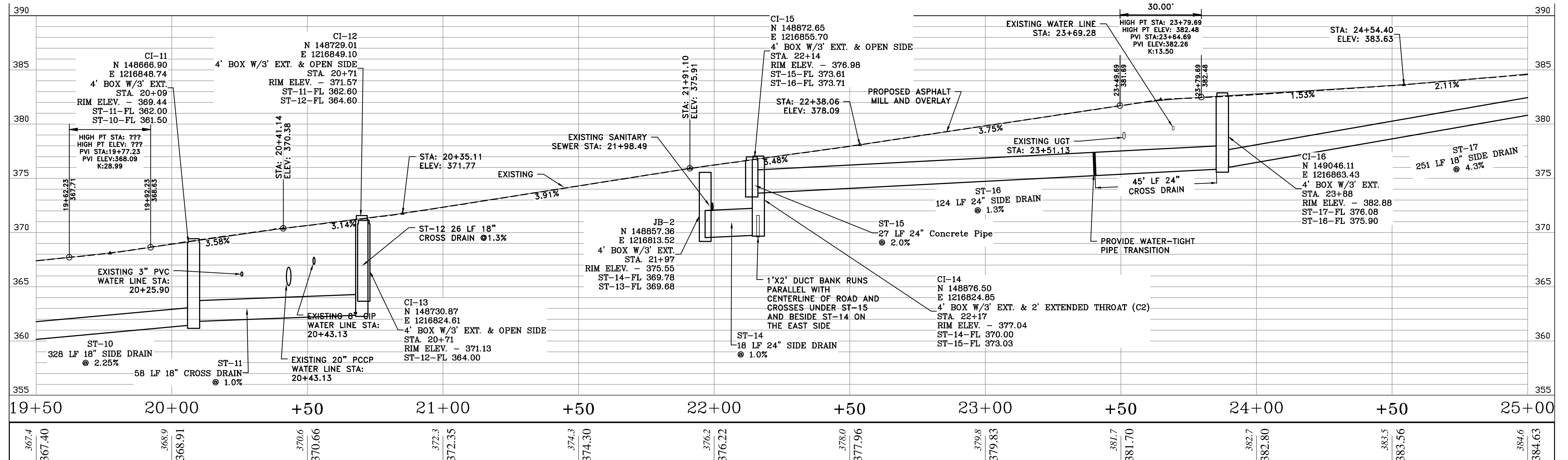
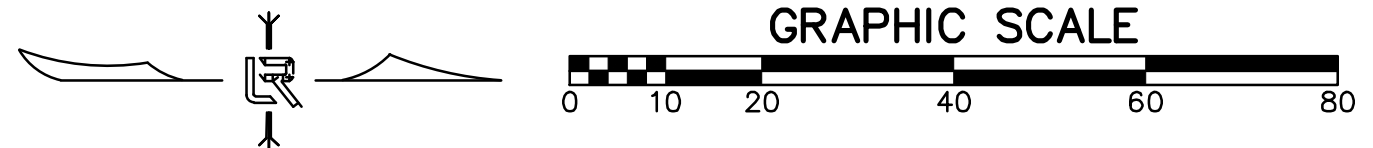
DRAWN BY
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DESIGNED
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CHECKED
 BAP
DATE
 07-09-2019
SCALE
 H: 1"=20'
 V: 1"=5'
PROJECT NO.
 061552
SHEET NO.
 C13



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

100% SUBMITTAL



CEDAR ST

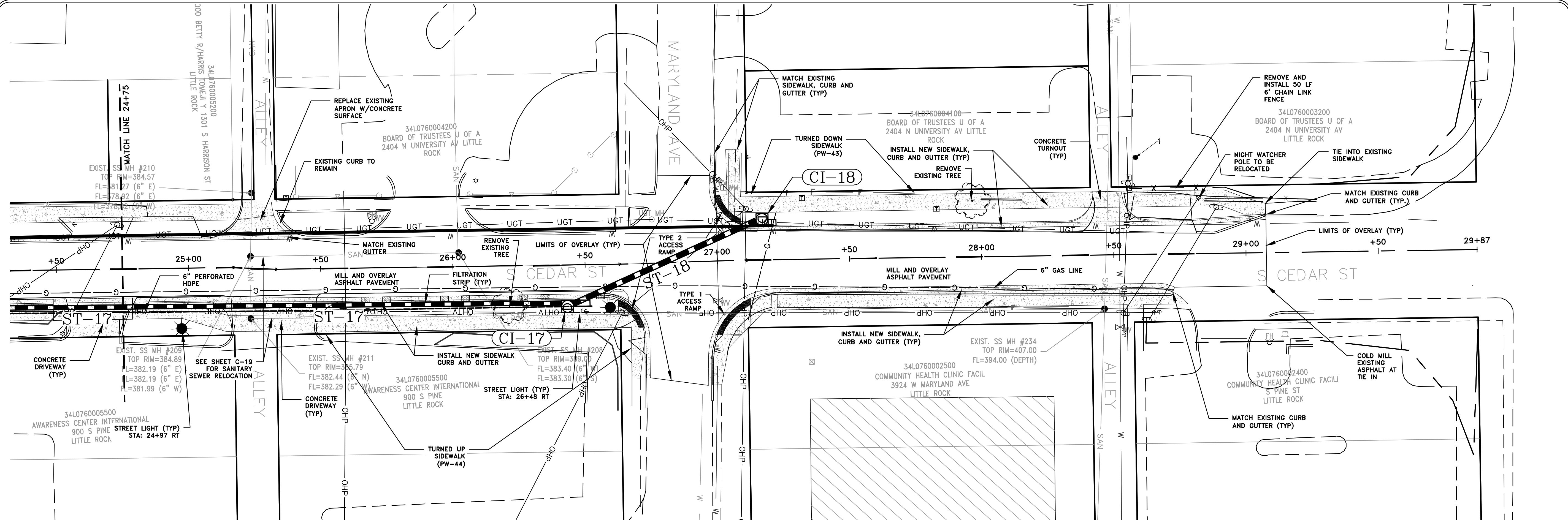
REVISIONS	DATE

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

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

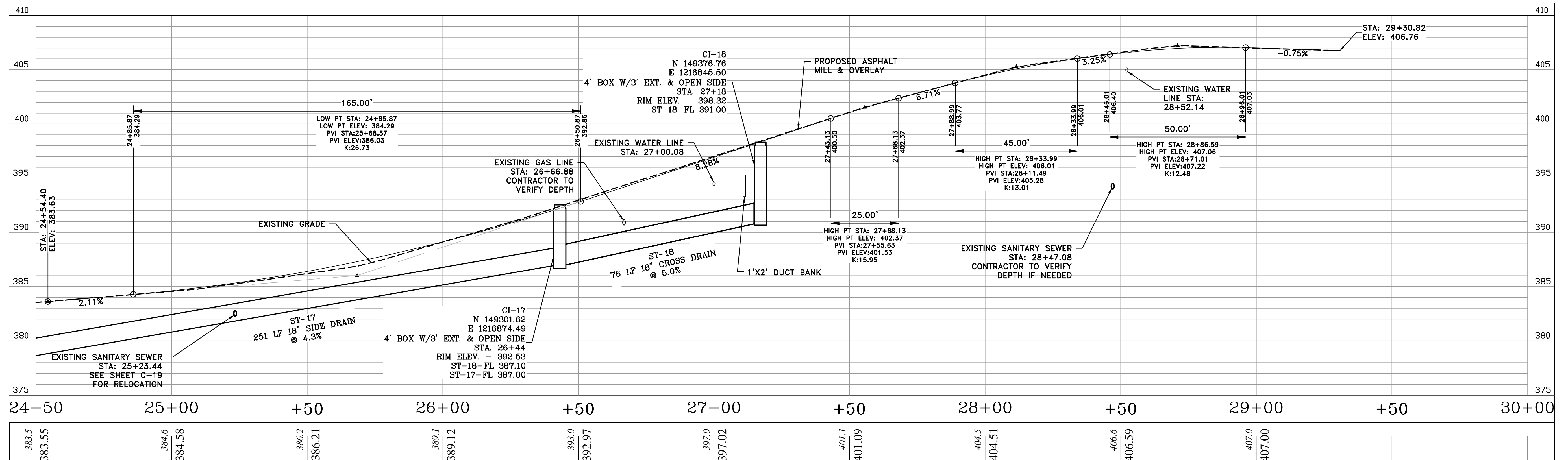
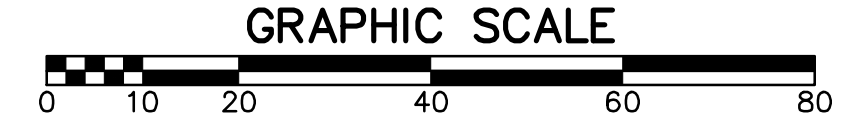


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 DATE
 07-09-2019
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
 C14



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

100% SUBMITTAL



CEDAR ST

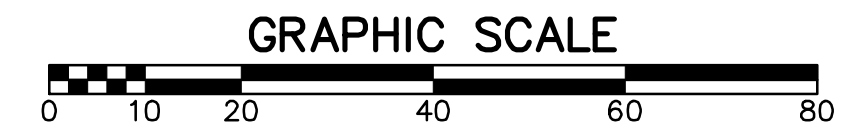
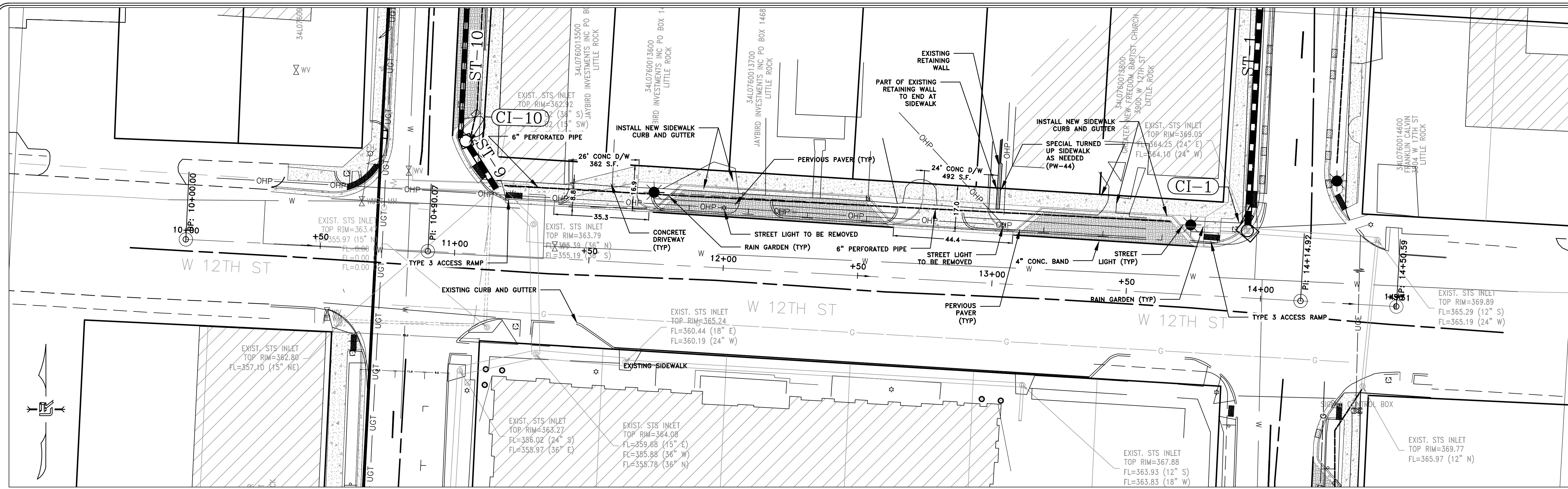
REVISIONS	DATE

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

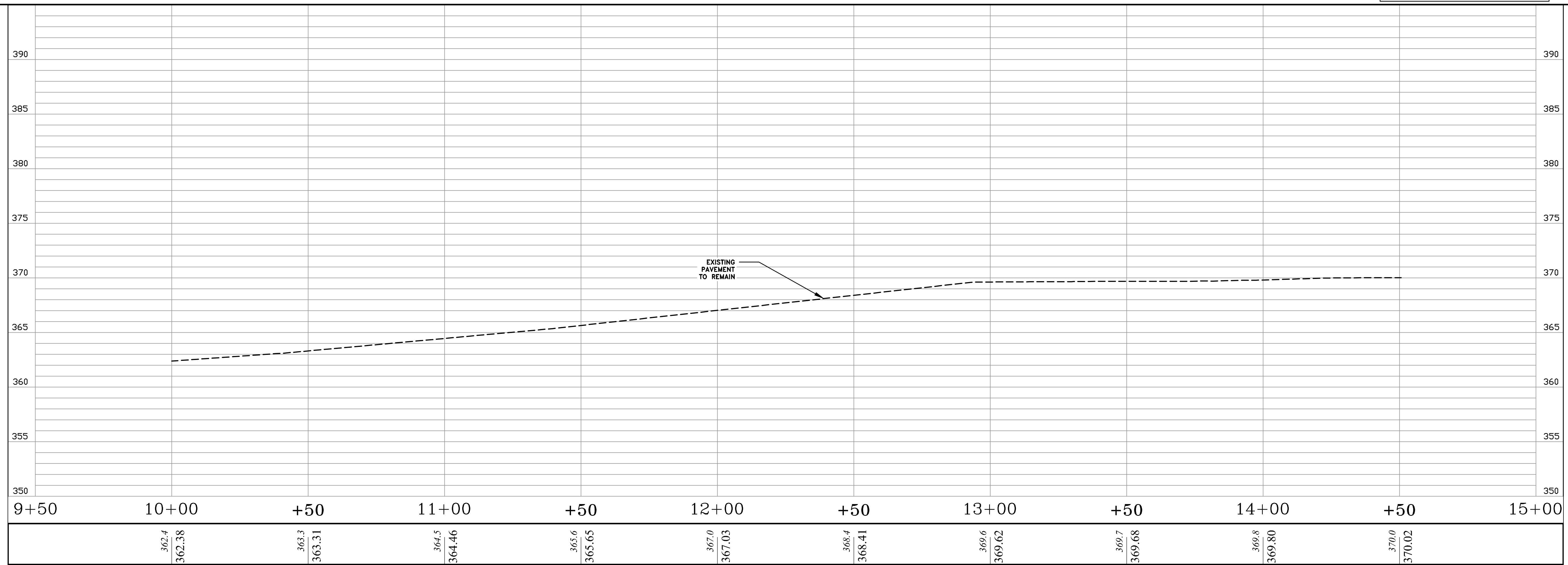
DEPARTMENT OF PUBLIC WORKS
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 LITTLE ROCK, ARKANSAS 72201



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 DESIGNED
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 CHECKED
 BAP
 DATE
 07-09-2019
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
 C15



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12TH STREET

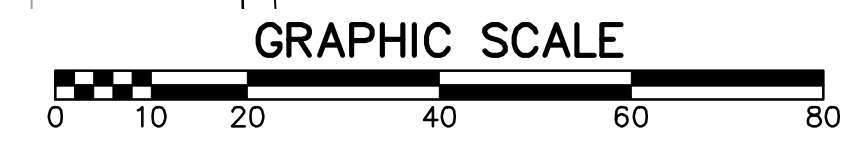
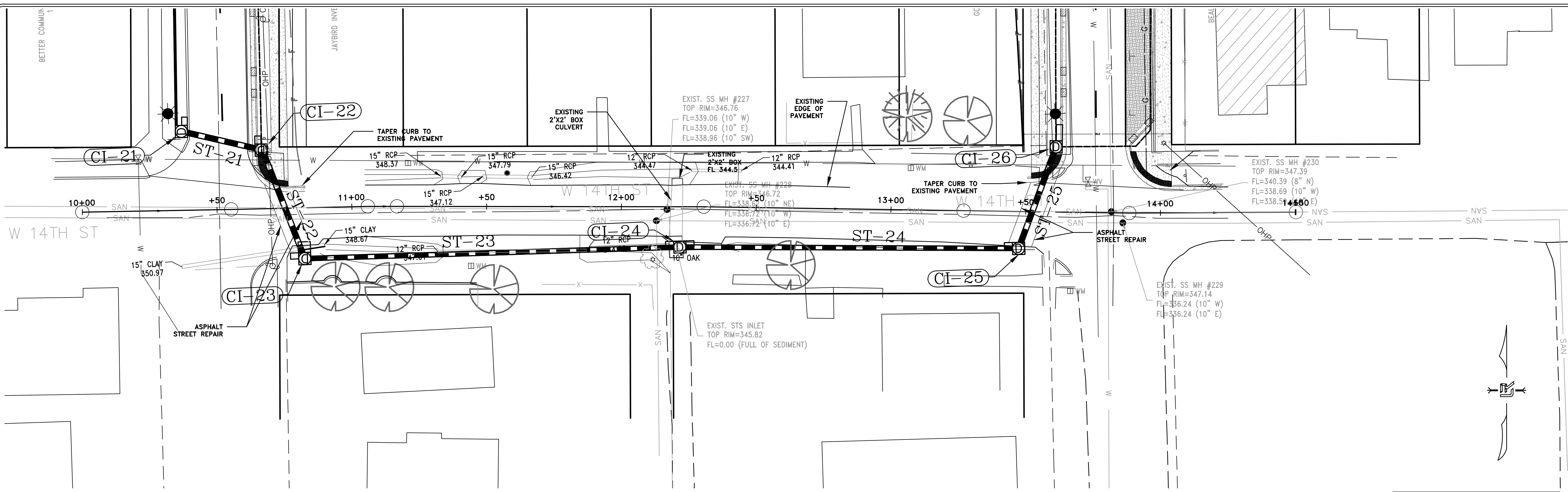
REVISIONS	DATE

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

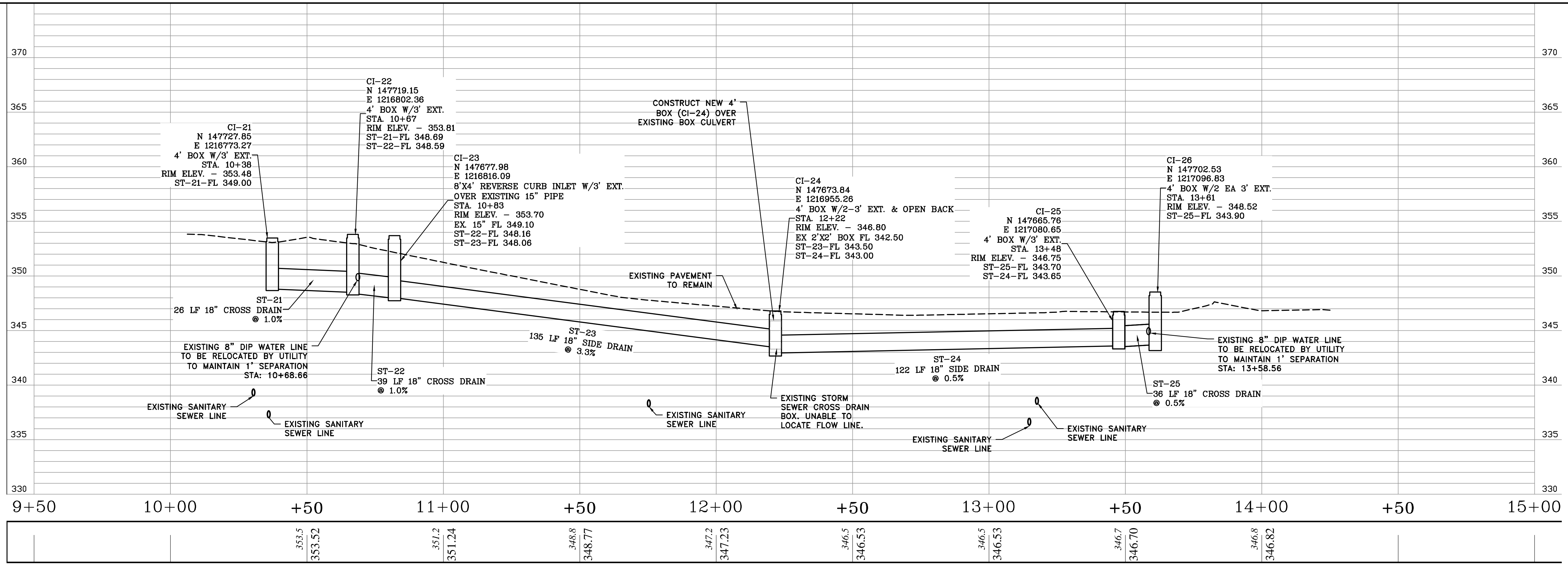
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 DATE
 07-09-2019
 SCALE
 H: 1"=20'
 V: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
 C16



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14TH STREET

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
14TH STREET P&P
STA 10+00.00 TO 14+50.27

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CHECKED
BAP
DATE
07-09-2019
SCALE
H: 1"=20'
V: 1"=5'
PROJECT NO.
061552
SHEET NO.
C17

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
ALLEY DRAIN P&P
STA 10+00.00 TO 14+50.27

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DESIGNED
MGB

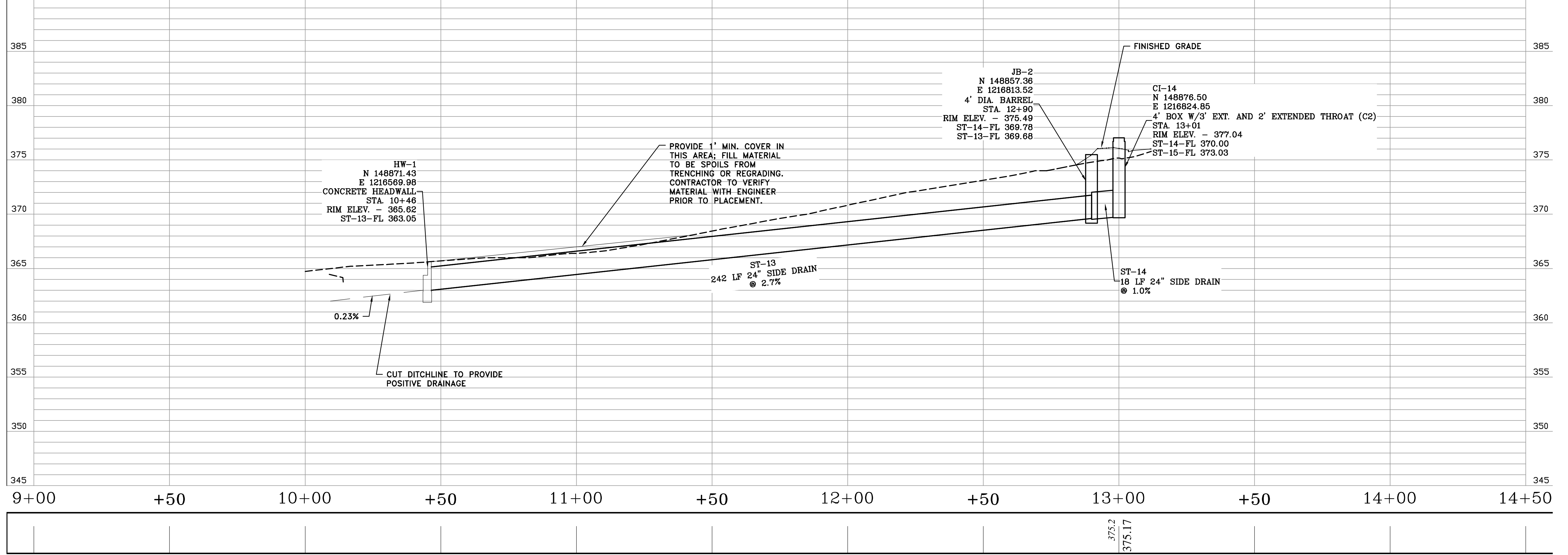
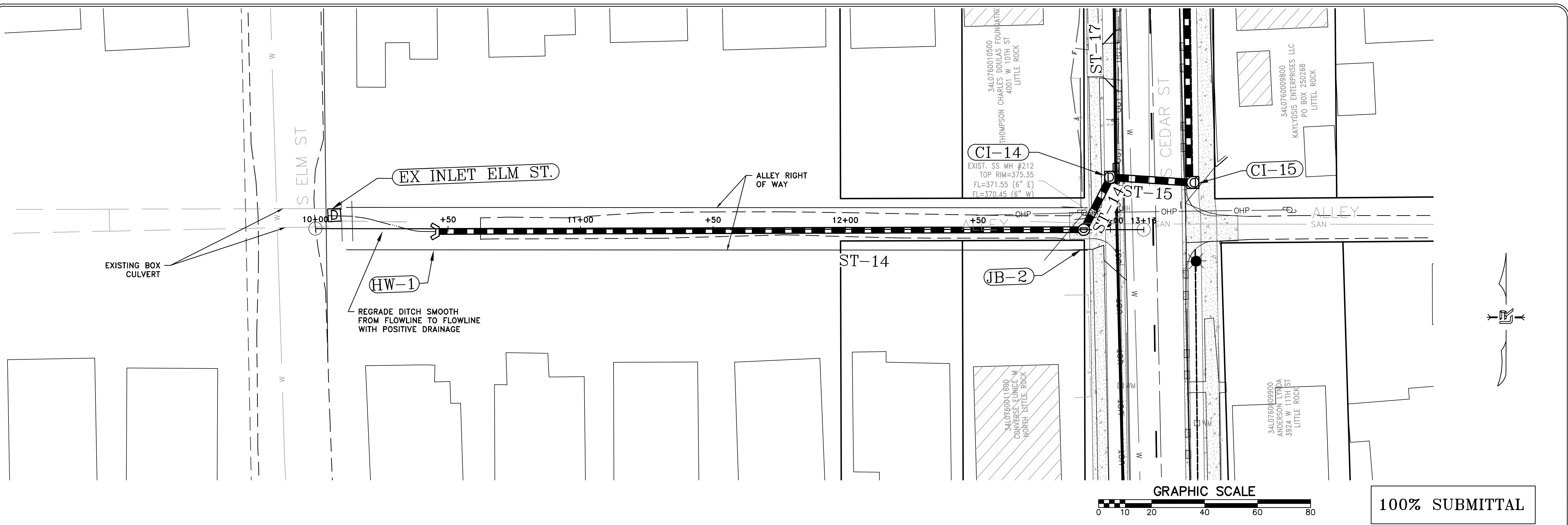
CHECKED
BAP

DATE
07-09-2019

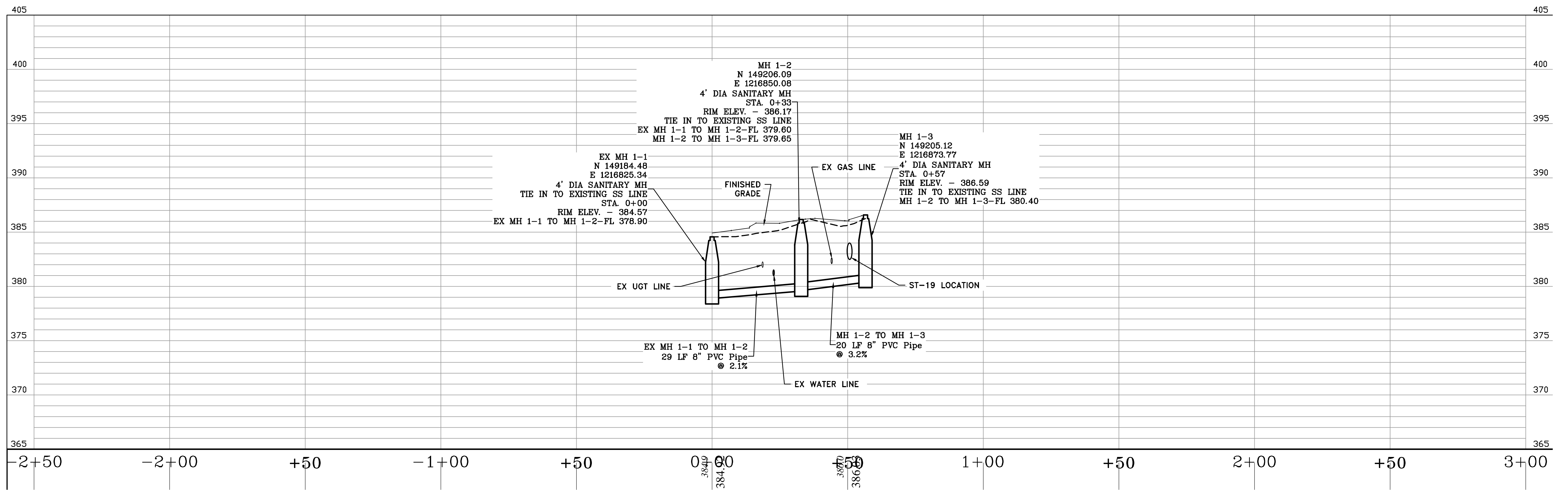
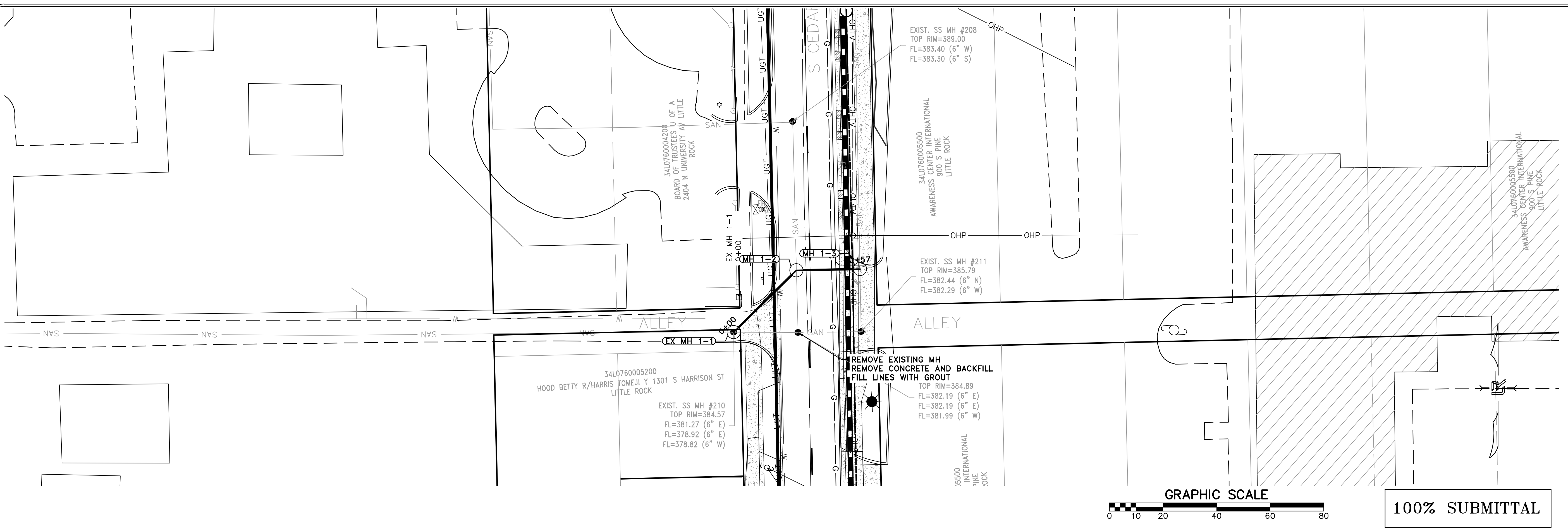
SCALE
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V: 1"=5'

PROJECT NO.
061552

SHEET NO.
C18



ALLEY DRAIN



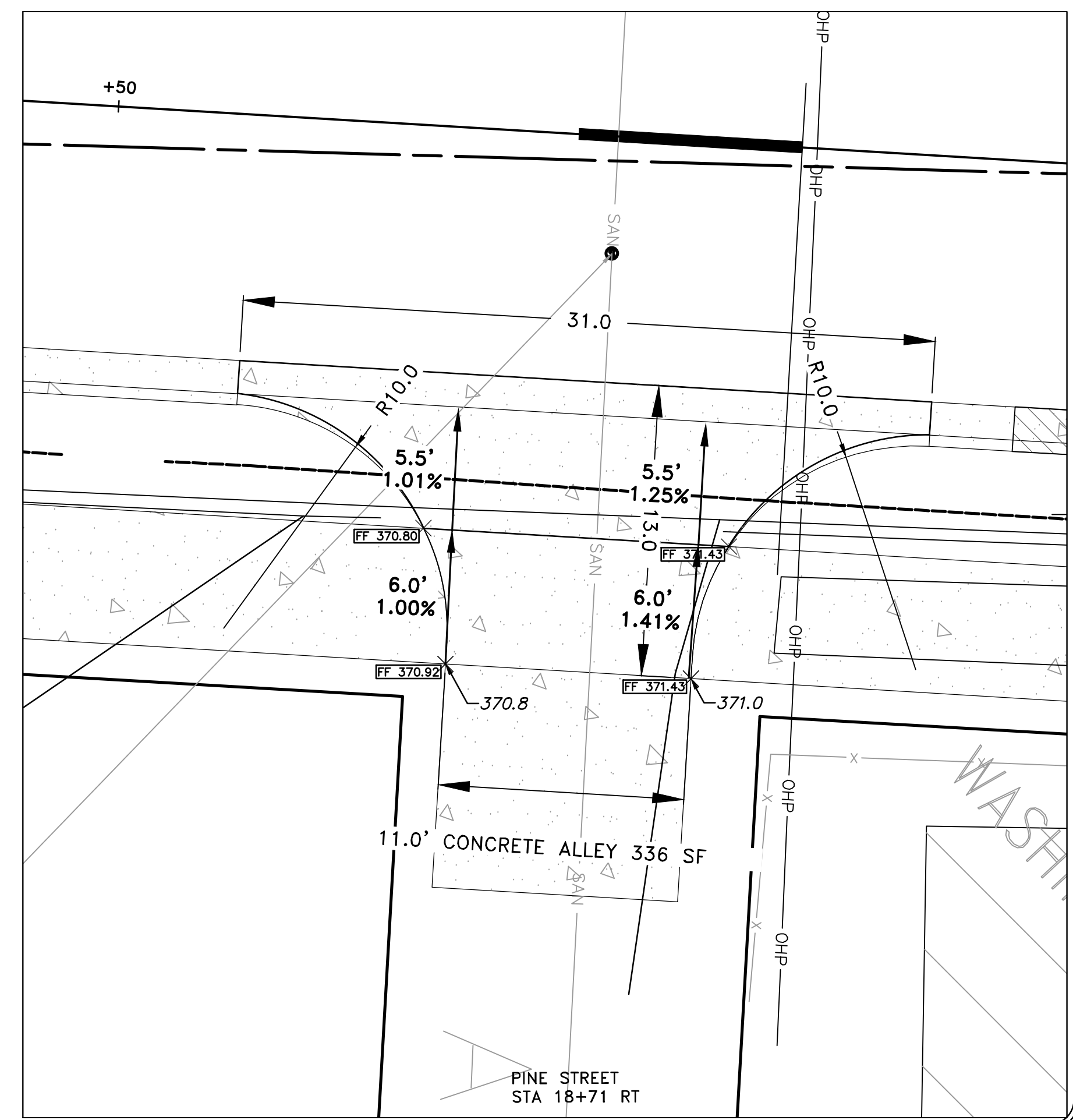
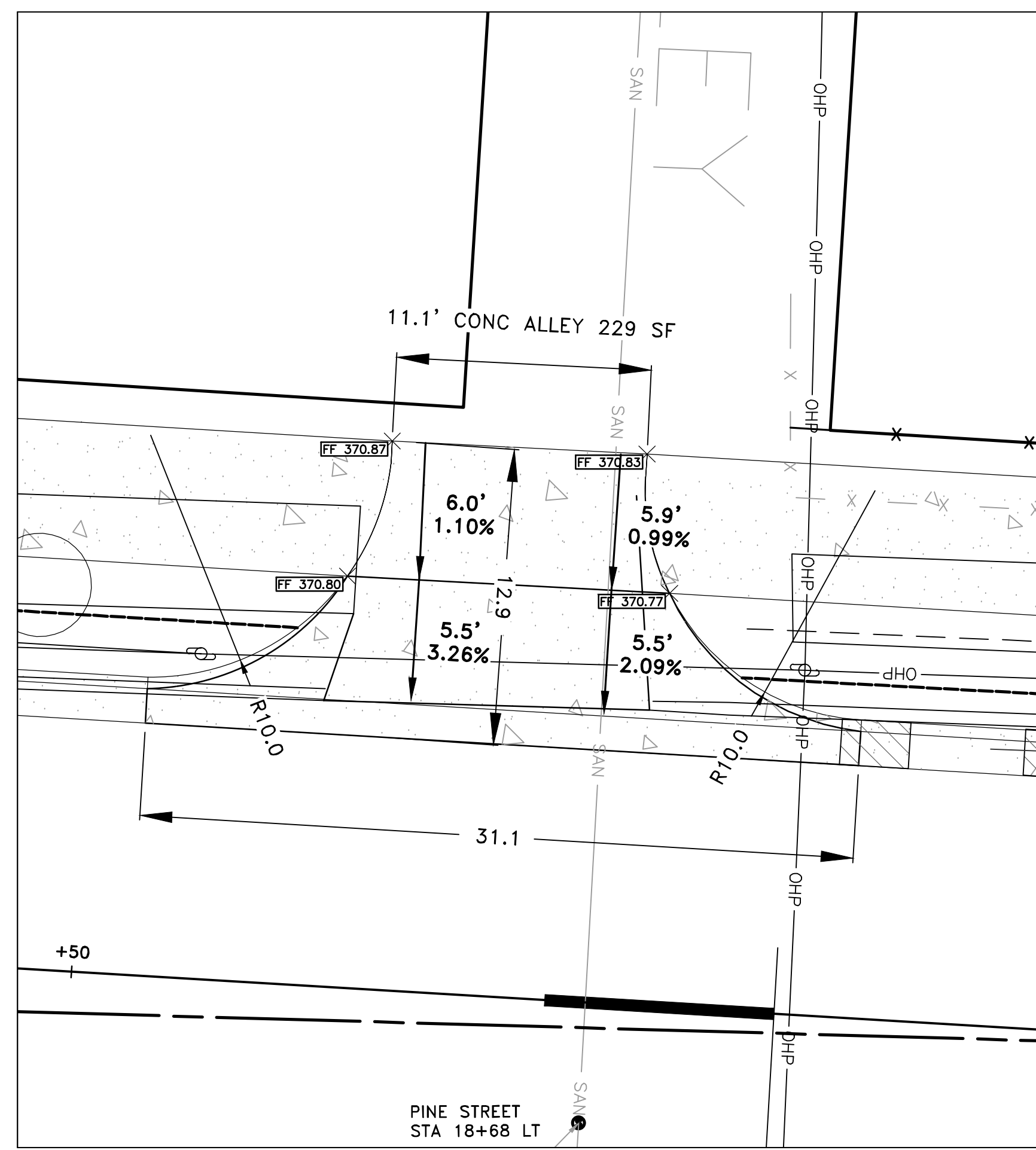
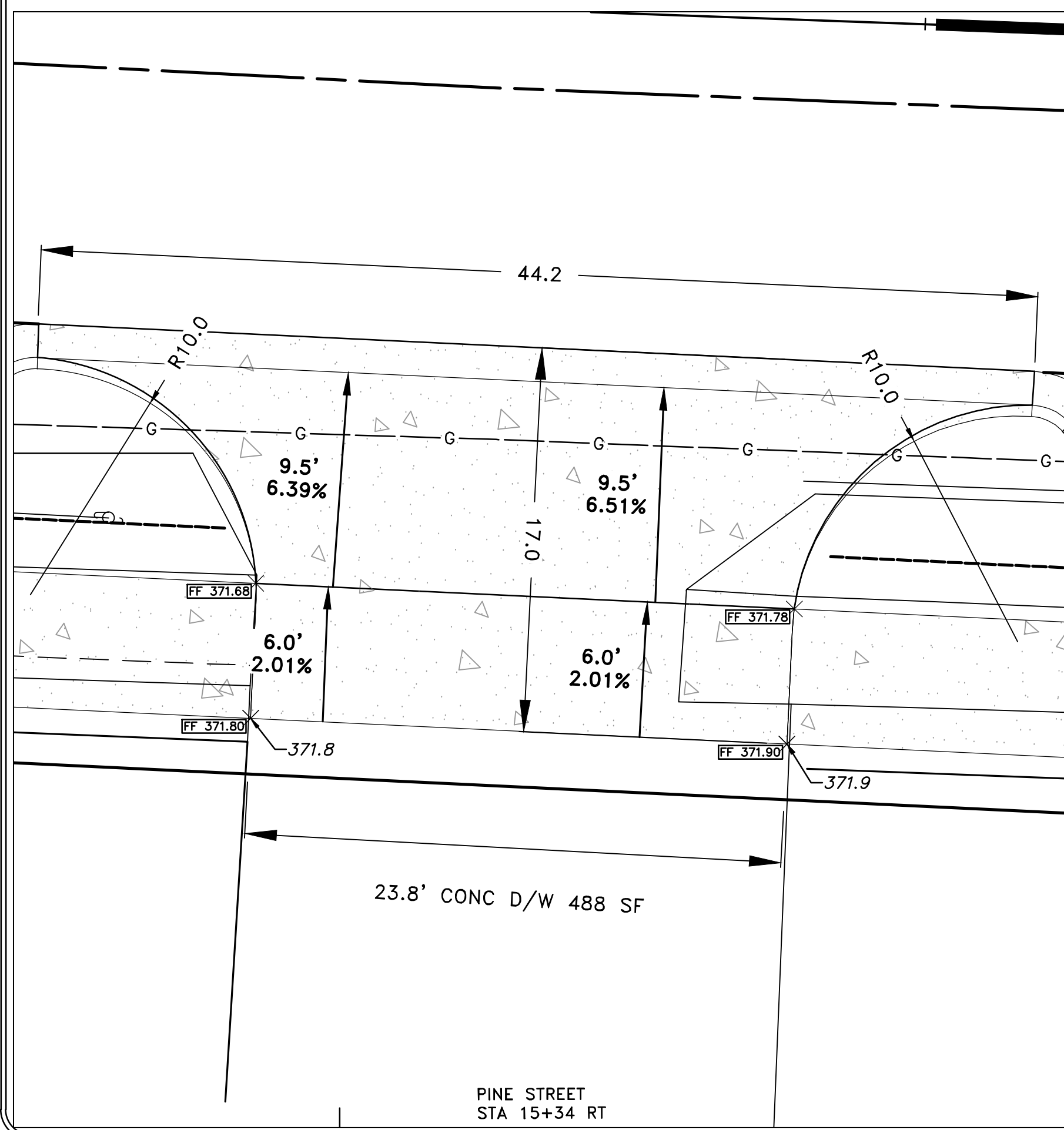
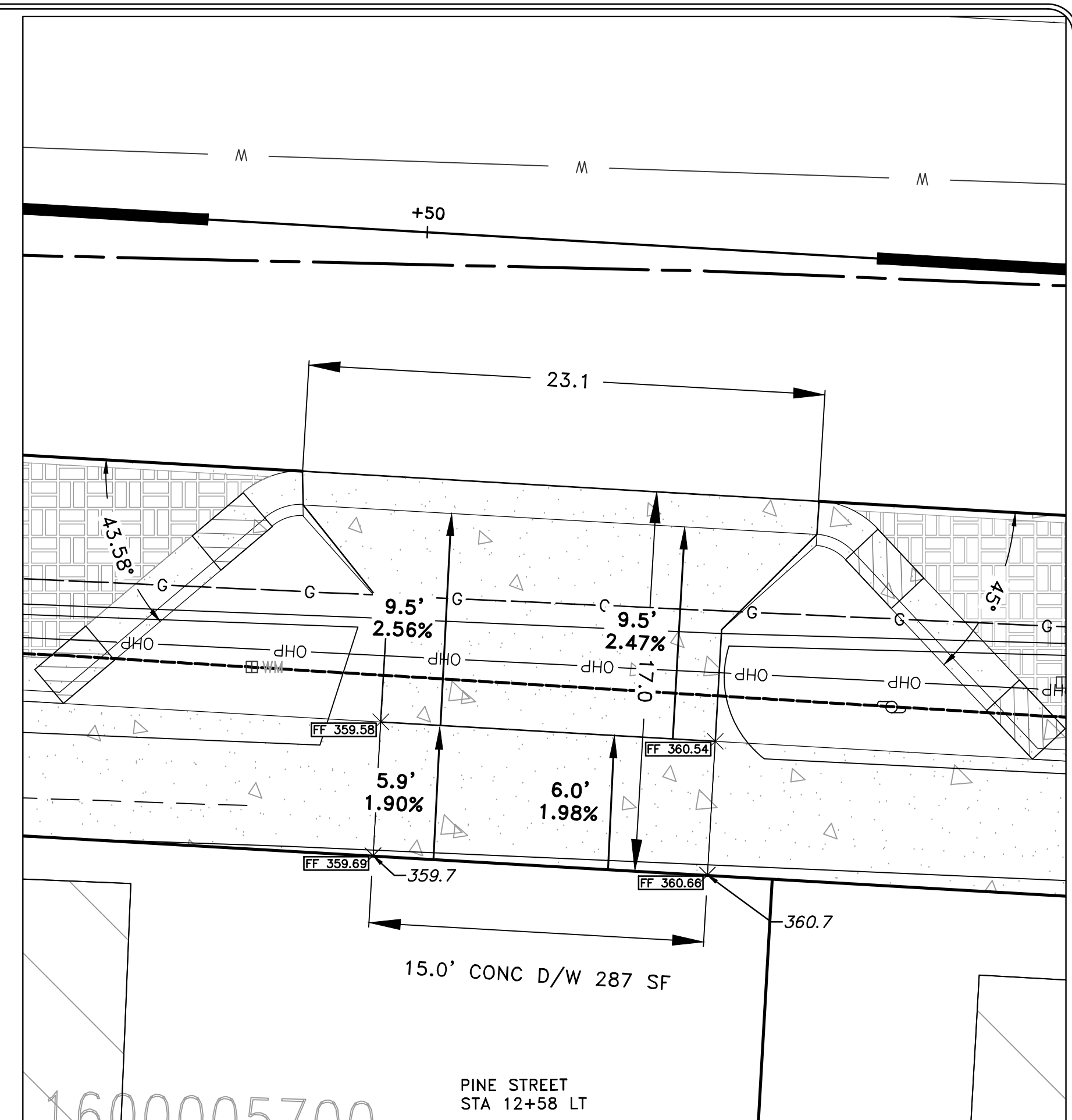
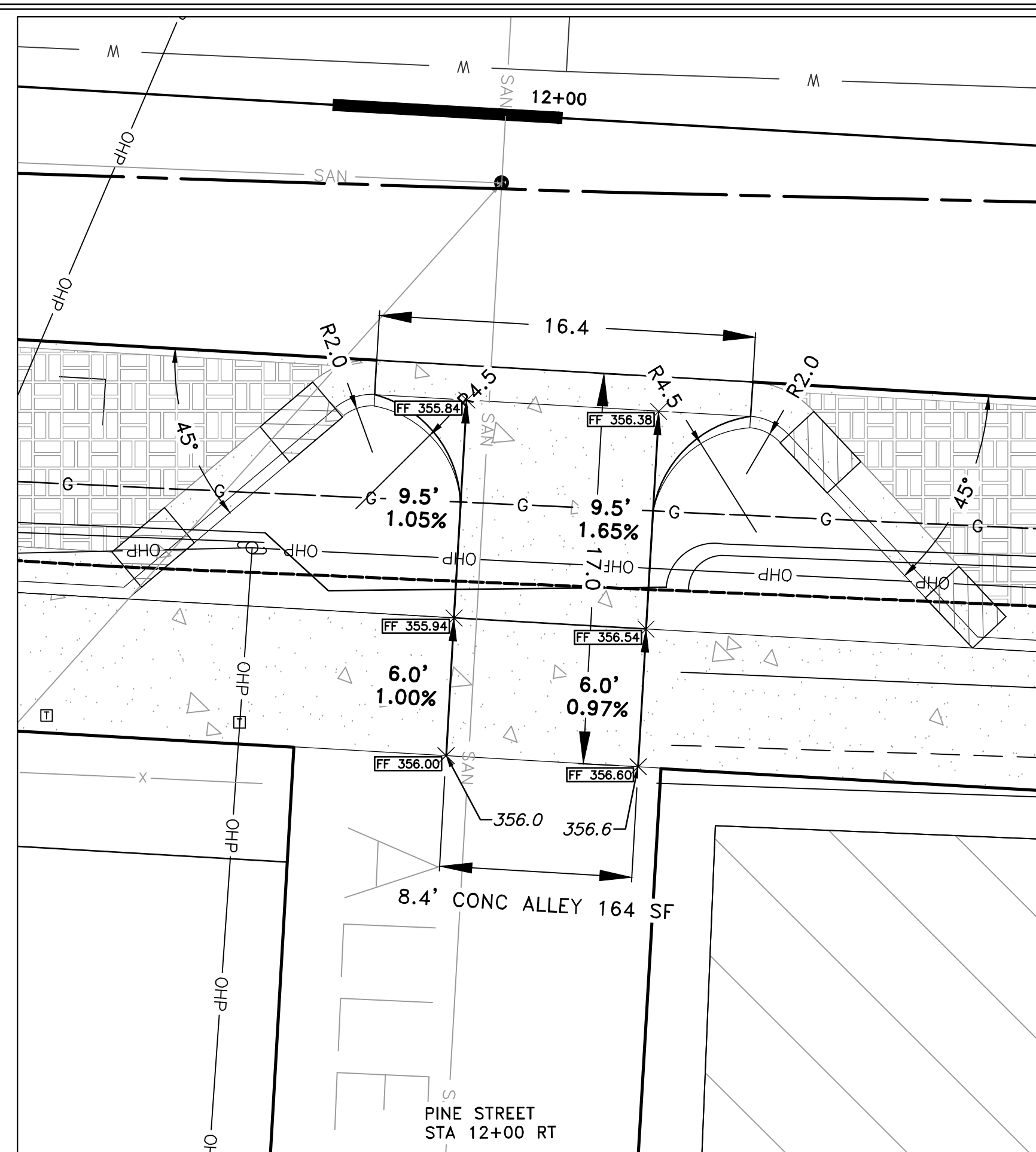
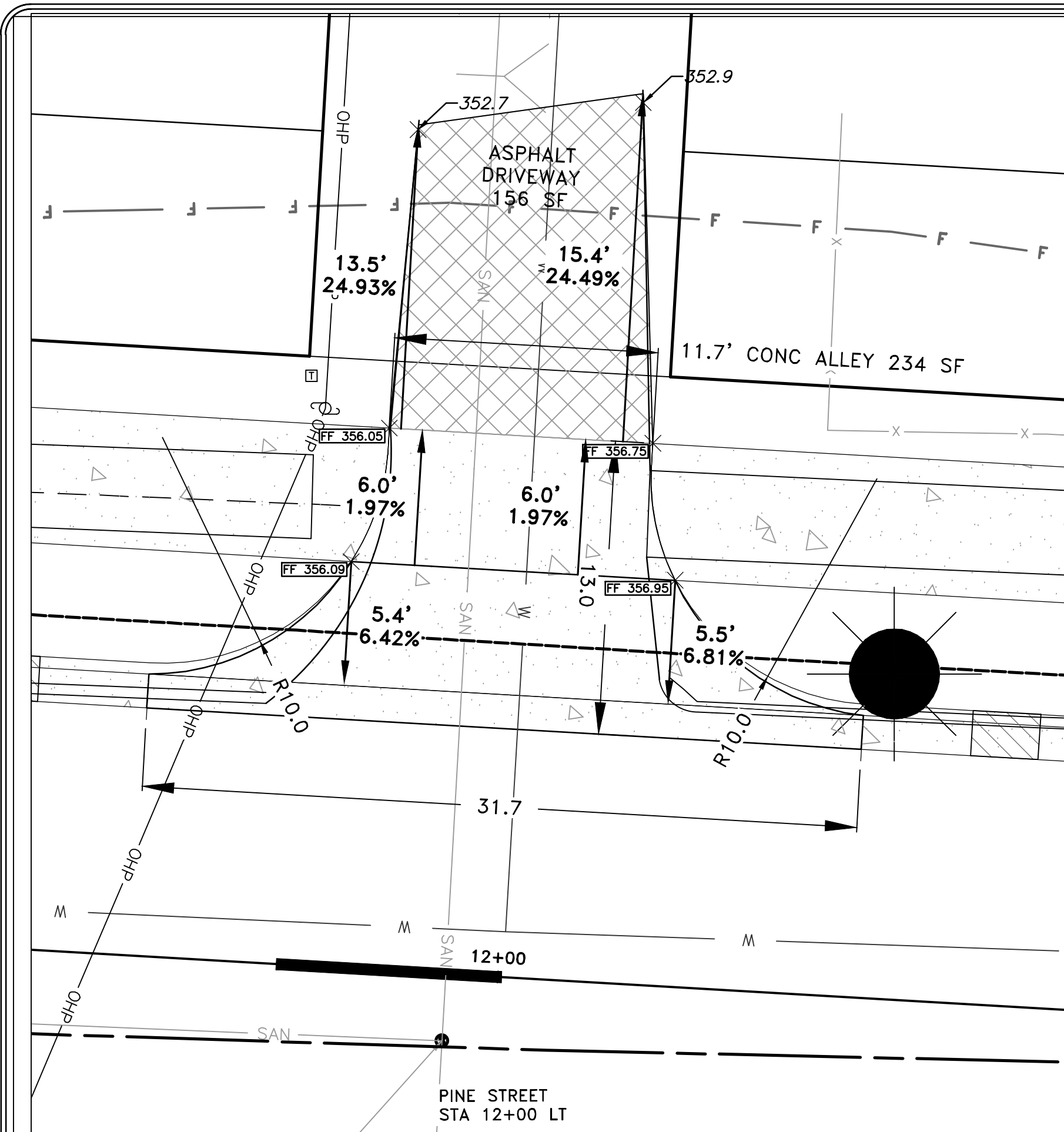
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
SANITARY SEWER-CEDAR ST
STA 0+00.00 TO 3+00

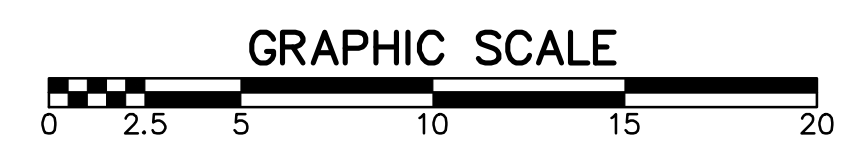
DEPARTMENT OF PUBLIC WORKS
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701 W. MARKHAM
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MGB
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BAP
DATE
07-09-2019
SCALE
H: 1"=20'
V: 1"=5'
PROJECT NO.
061552
SHEET NO.
C19



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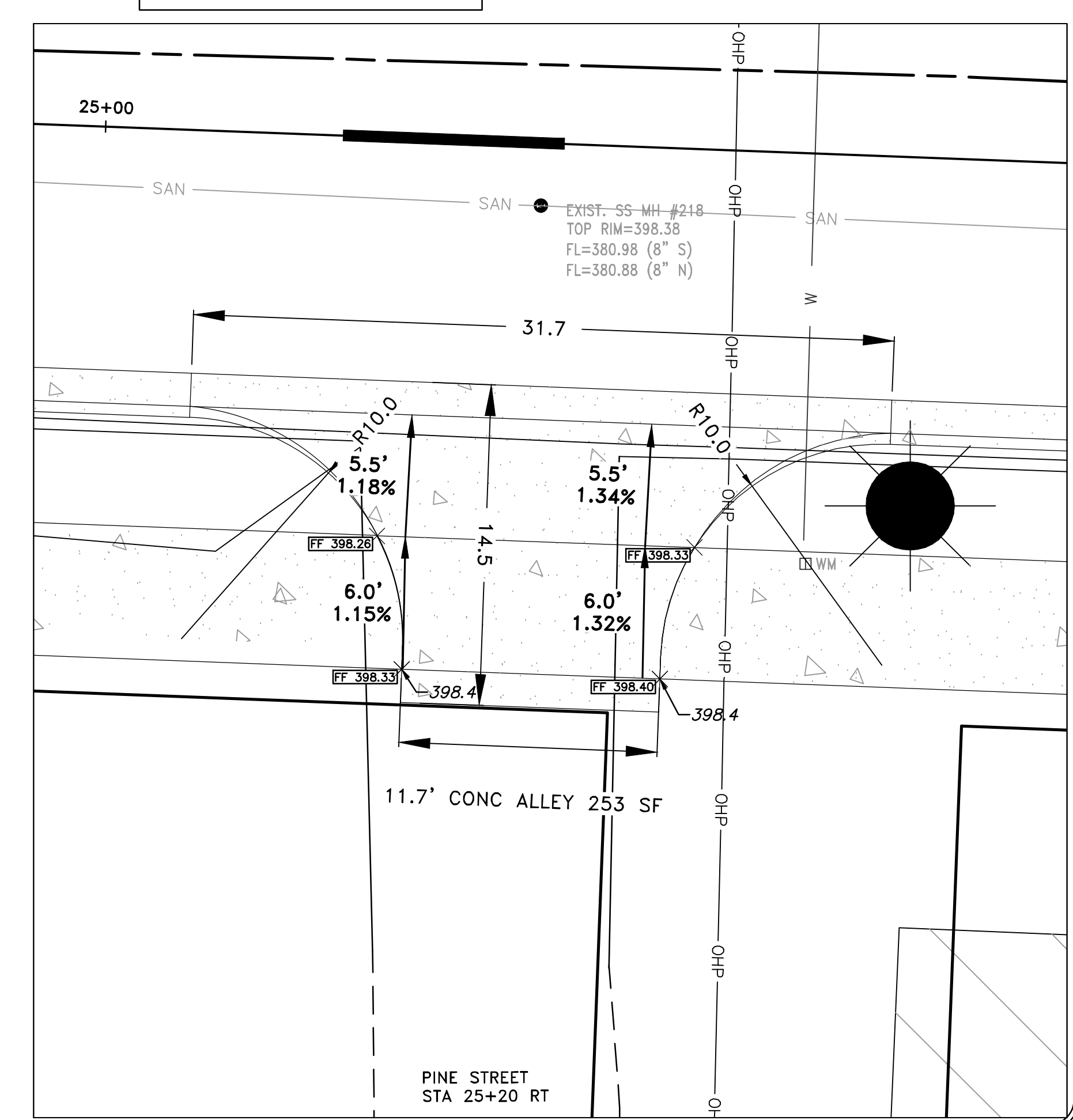
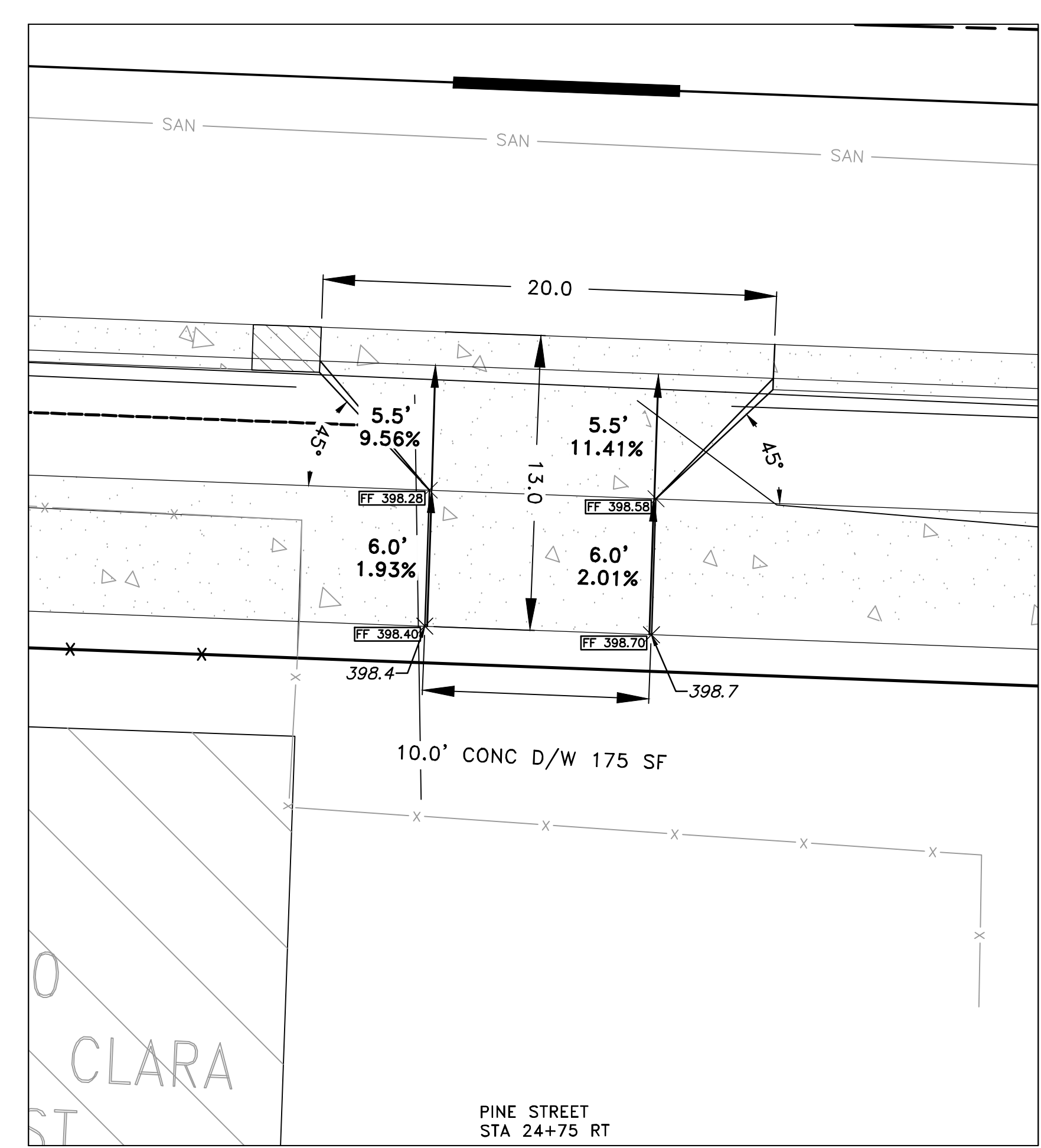
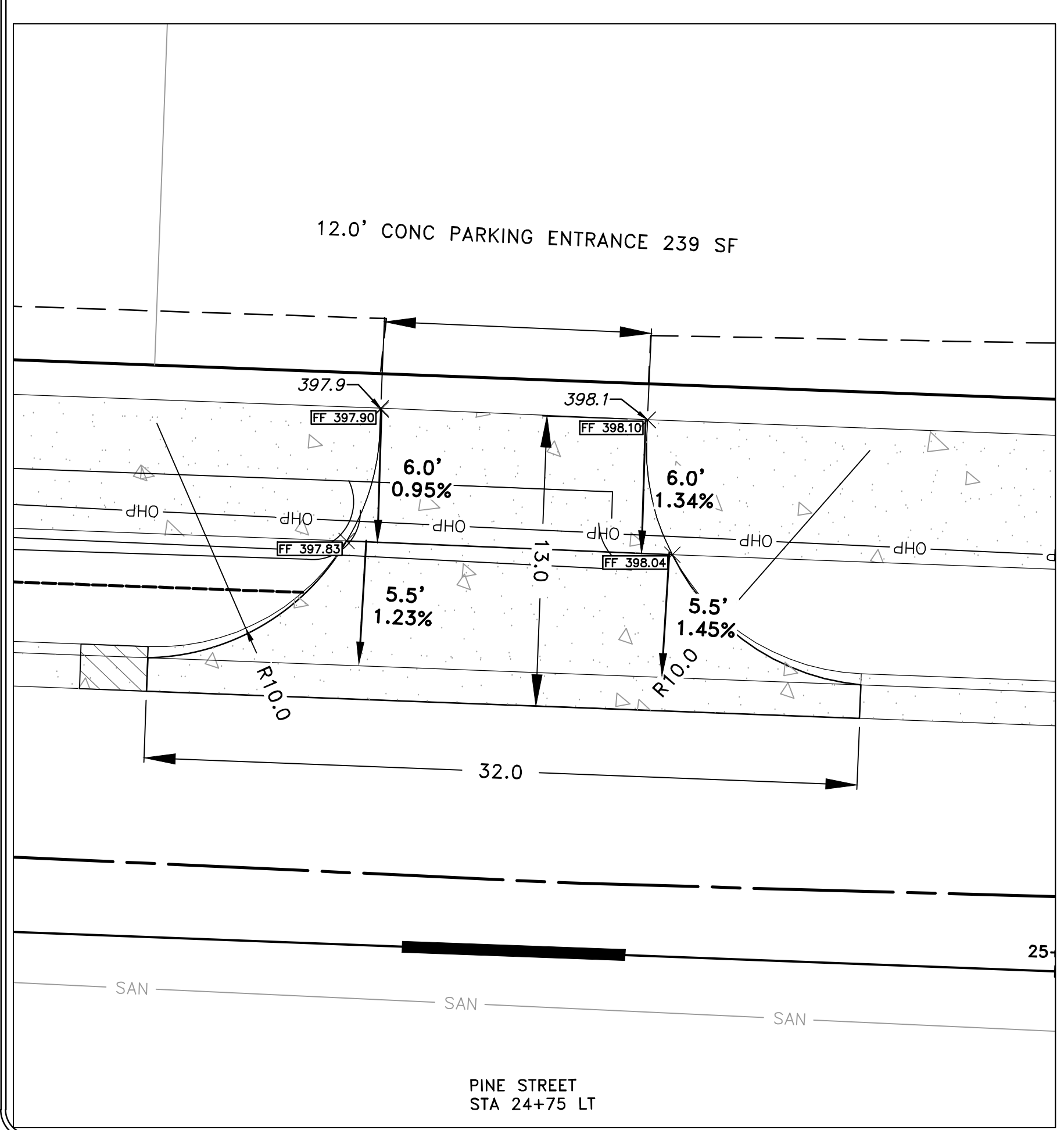
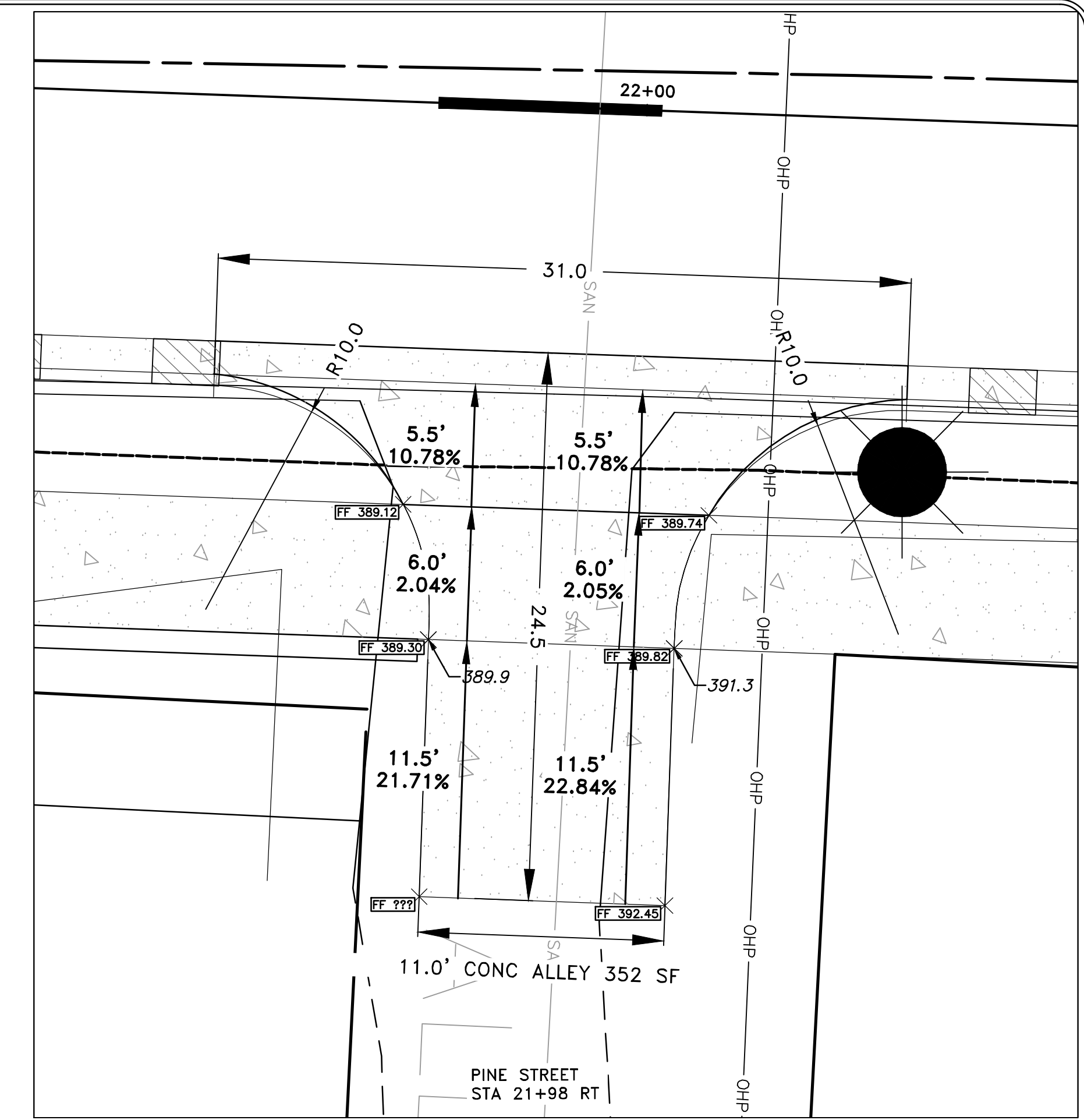
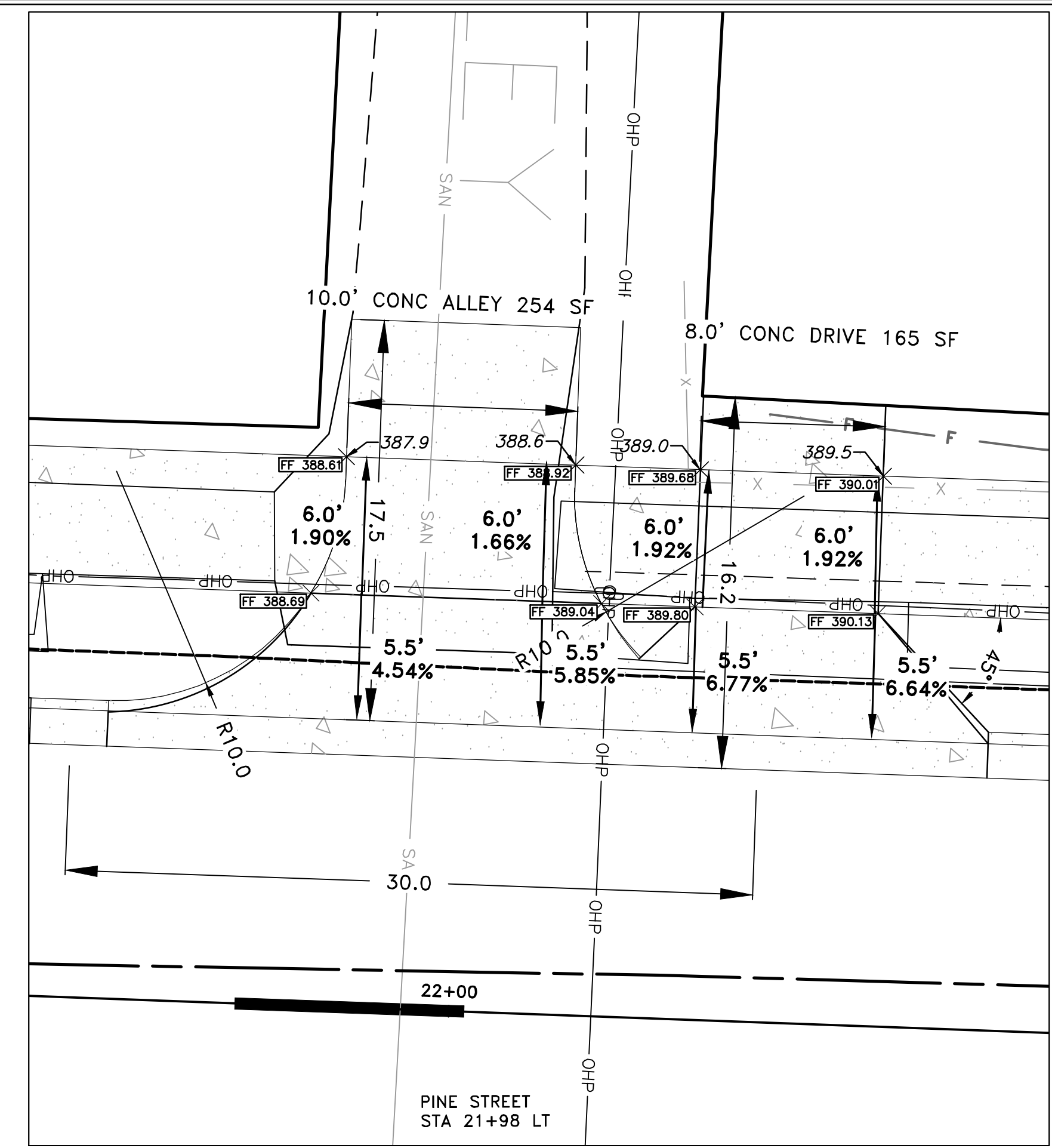
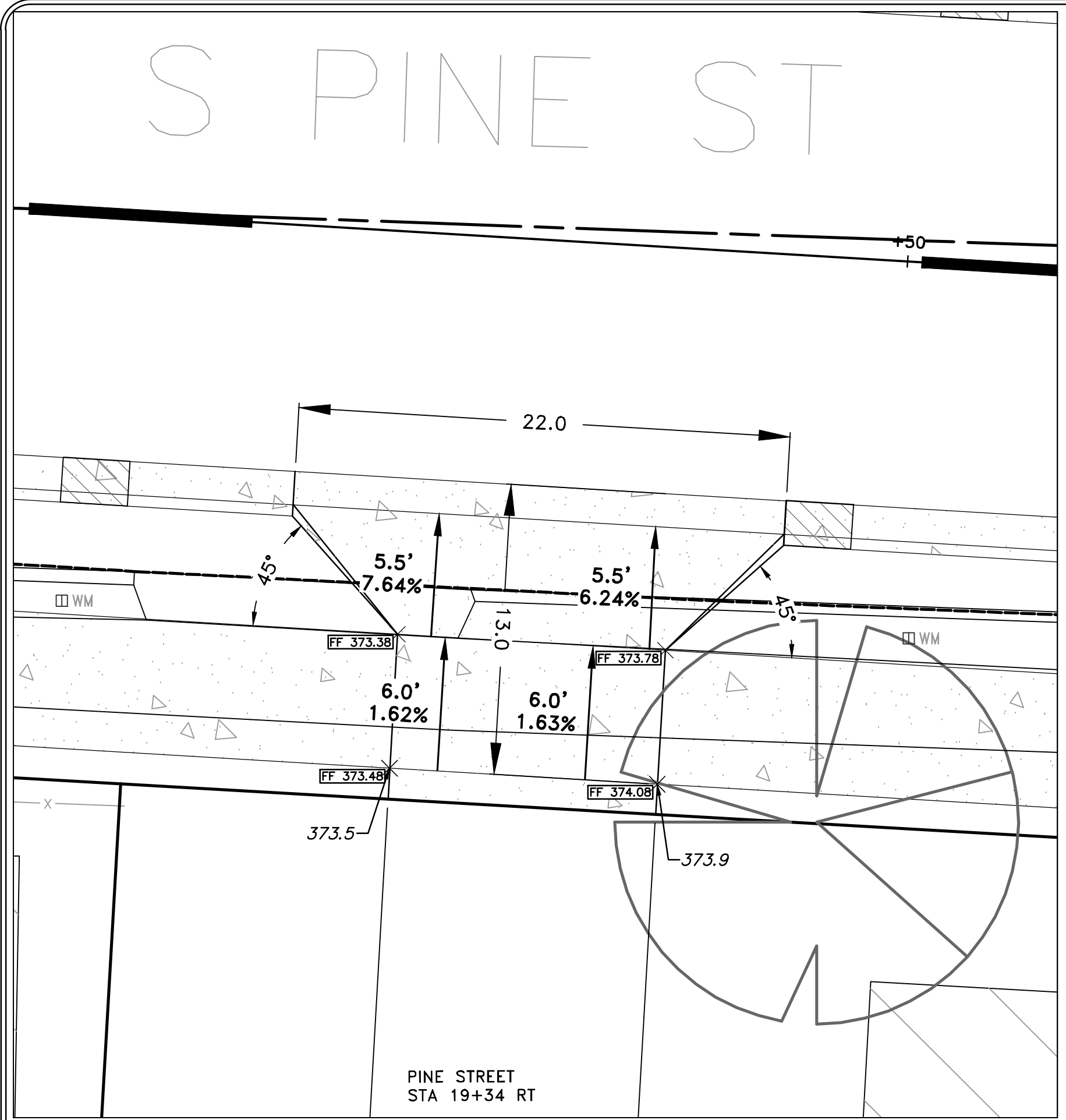
REVISIONS	DATE

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

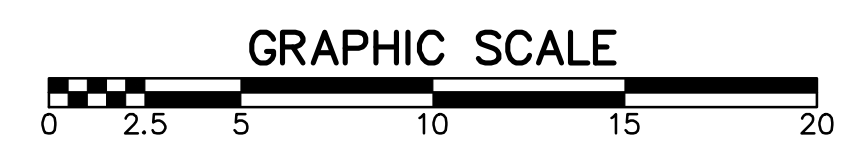
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CIVIL ENGINEERING
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LITTLE ROCK, ARKANSAS 72201



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DATE 07-09-2019
SCALE: 1"=5'
PROJECT NO. 061552
SHEET NO. C20



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REVISIONS	DATE

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

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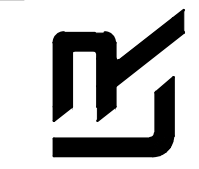


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 SCALE: 1"=5'
 PROJECT NO.
 061552
 SHEET NO.
 C21

REVISIONS	DATE

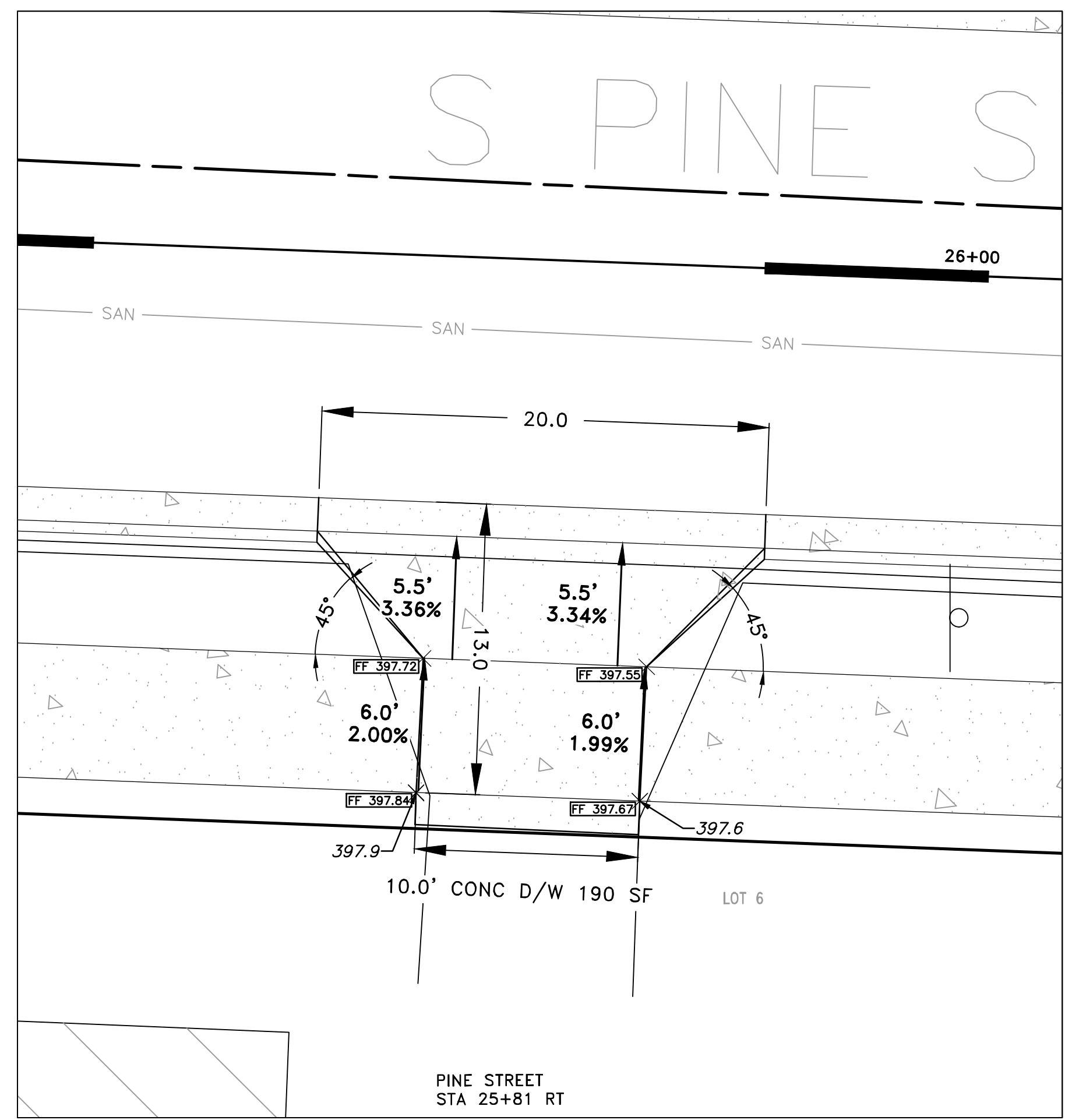
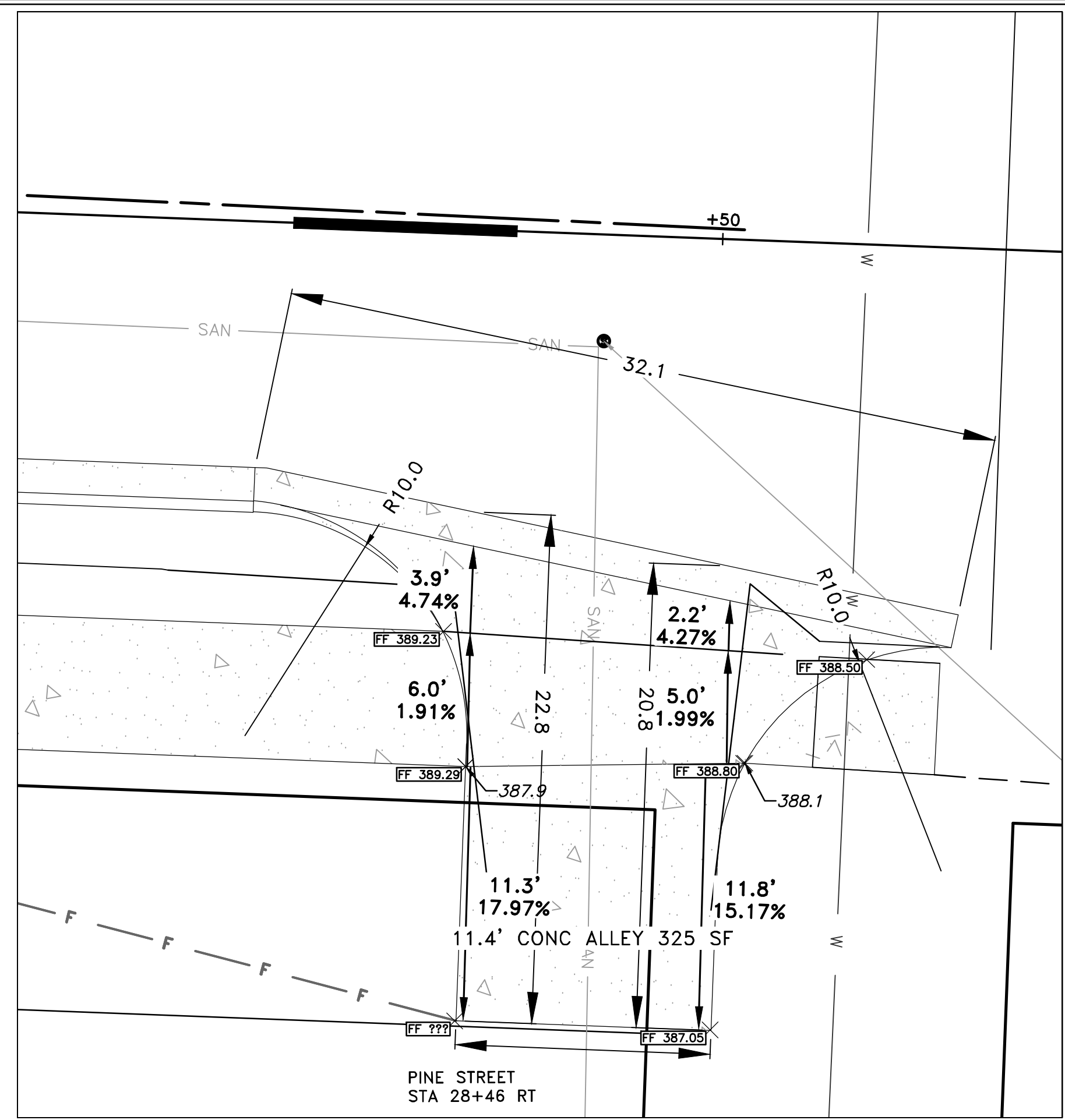
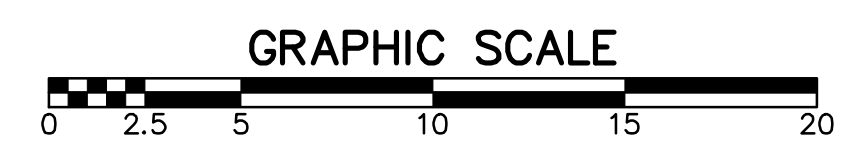
CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
PINE STREET DRIVEWAYS - SHEET 3

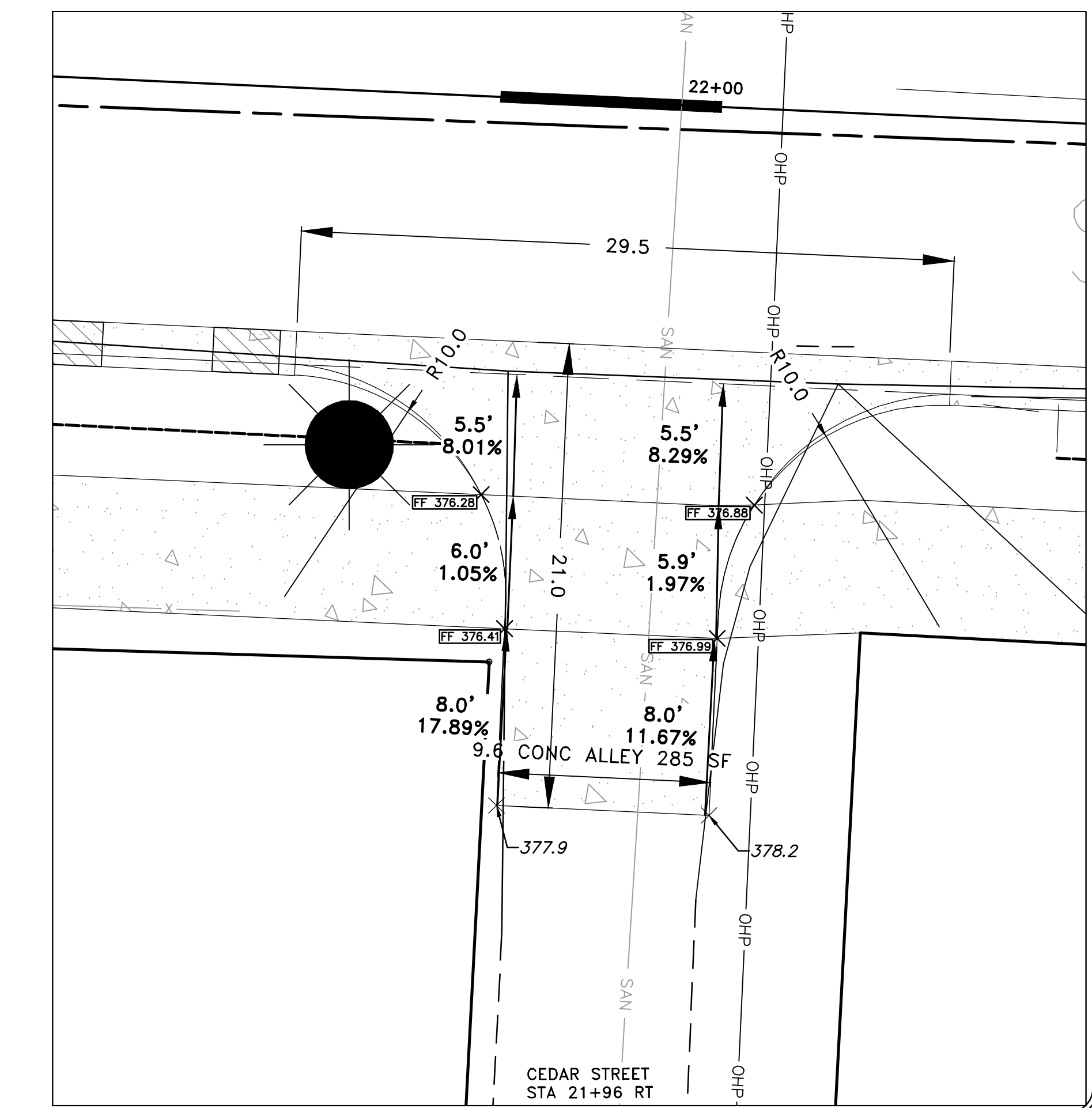
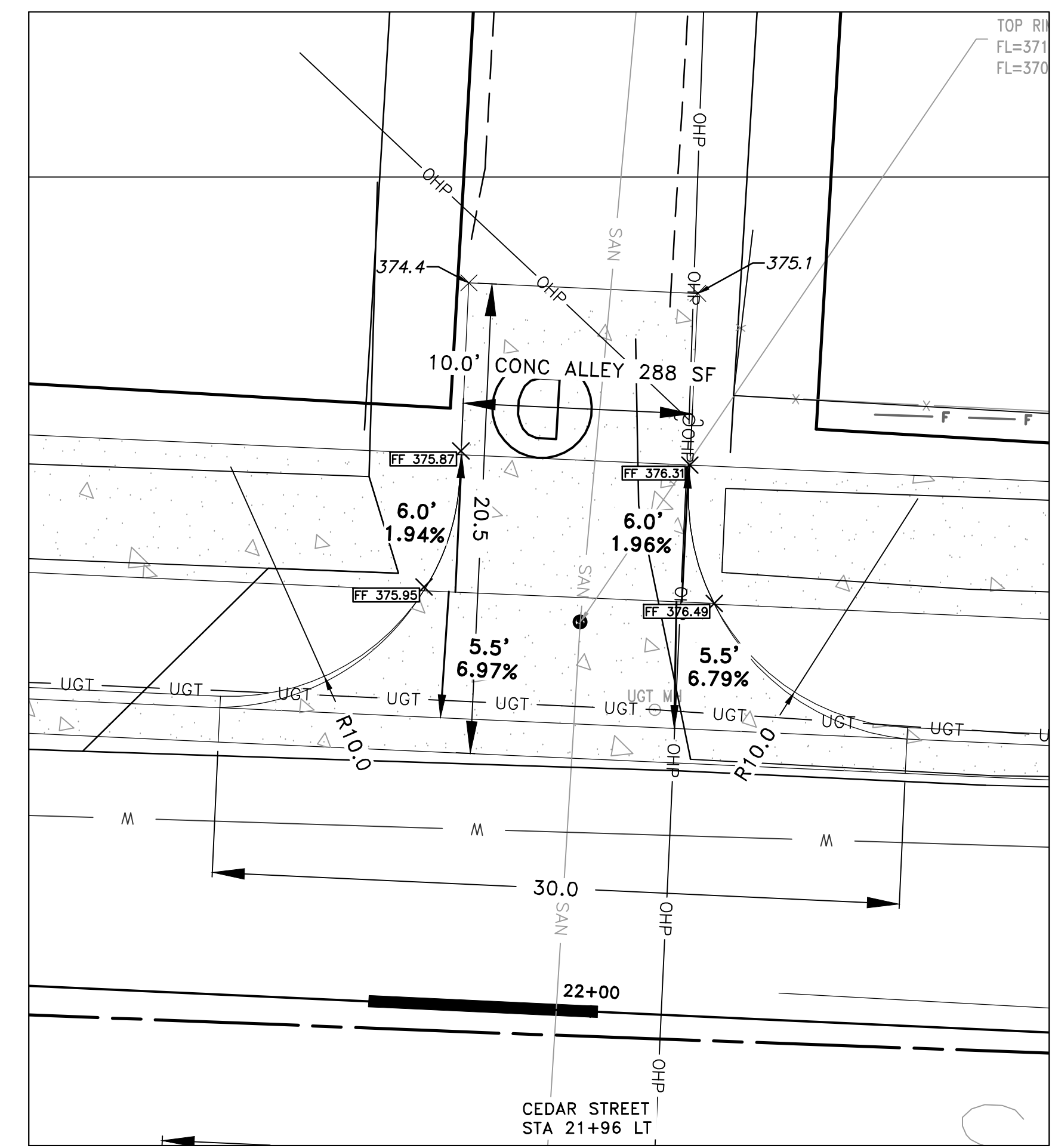
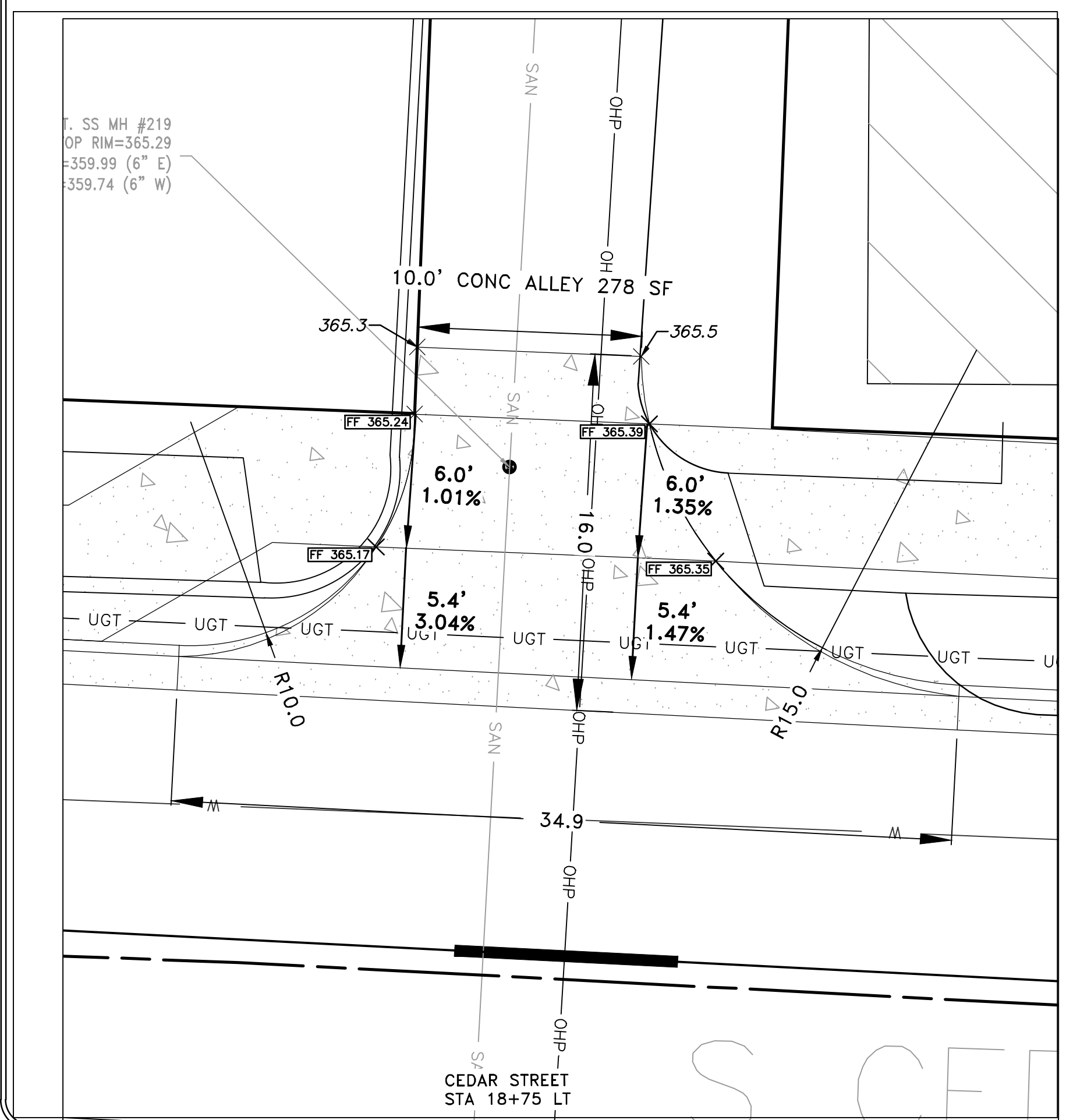
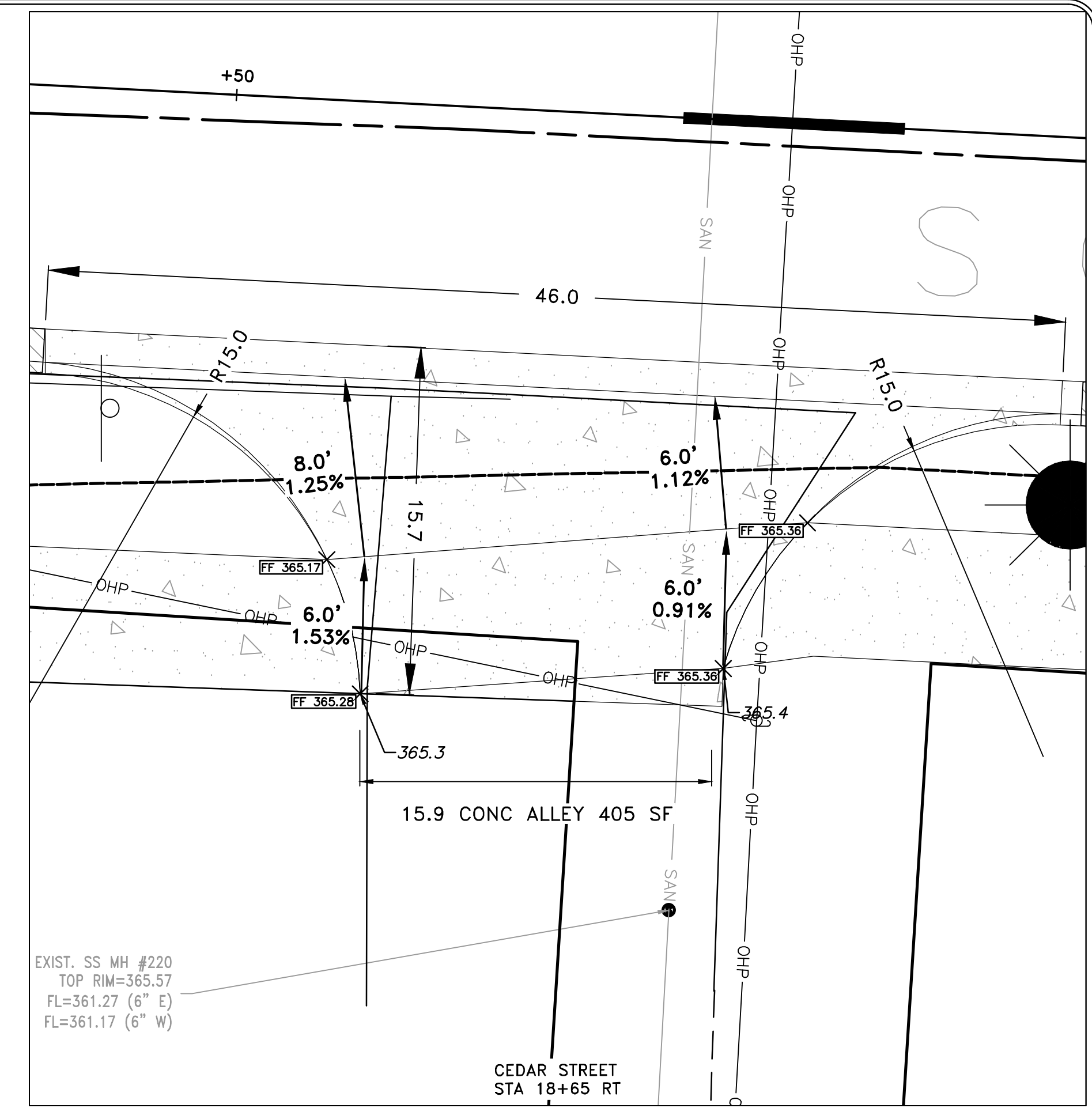
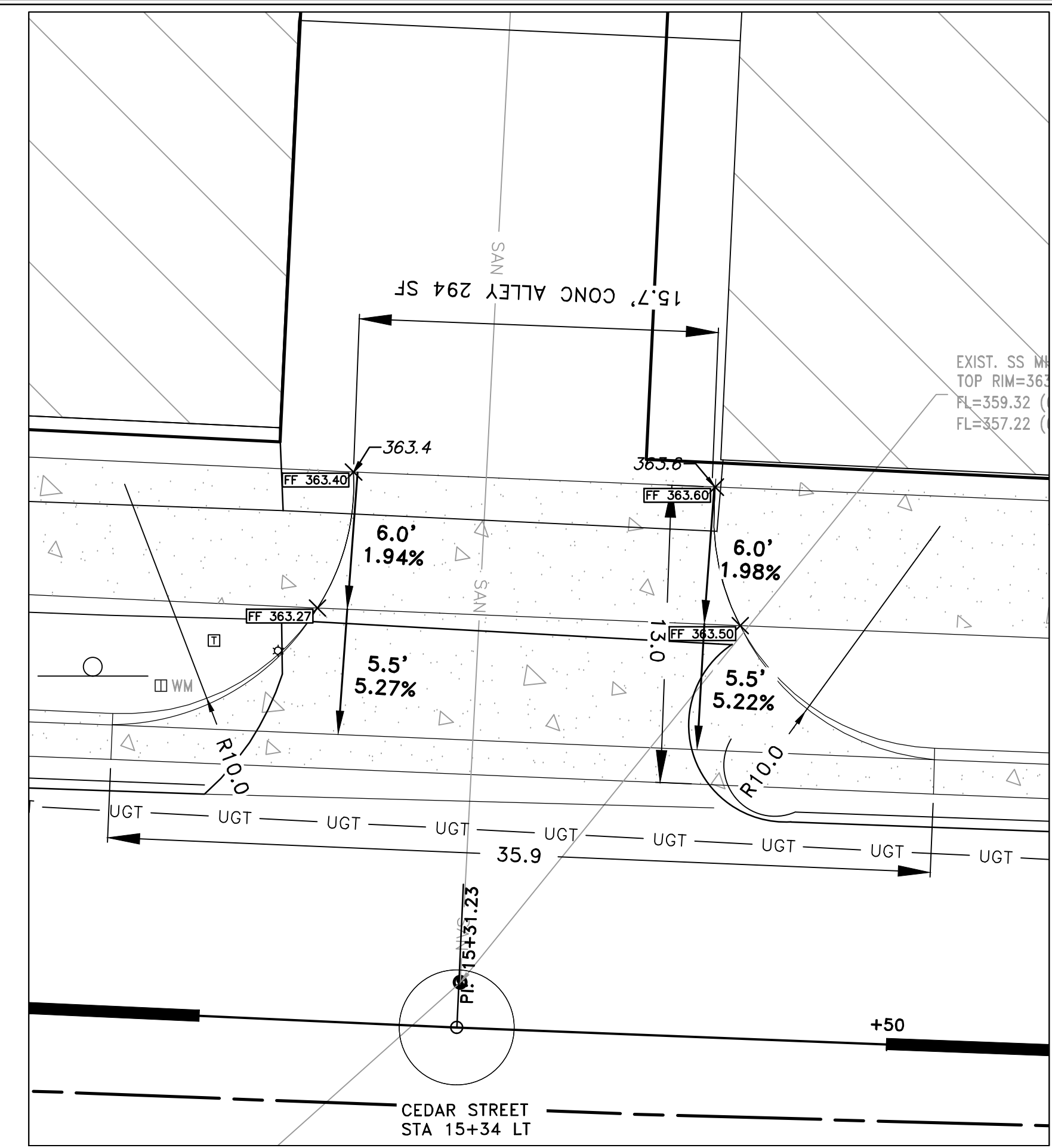
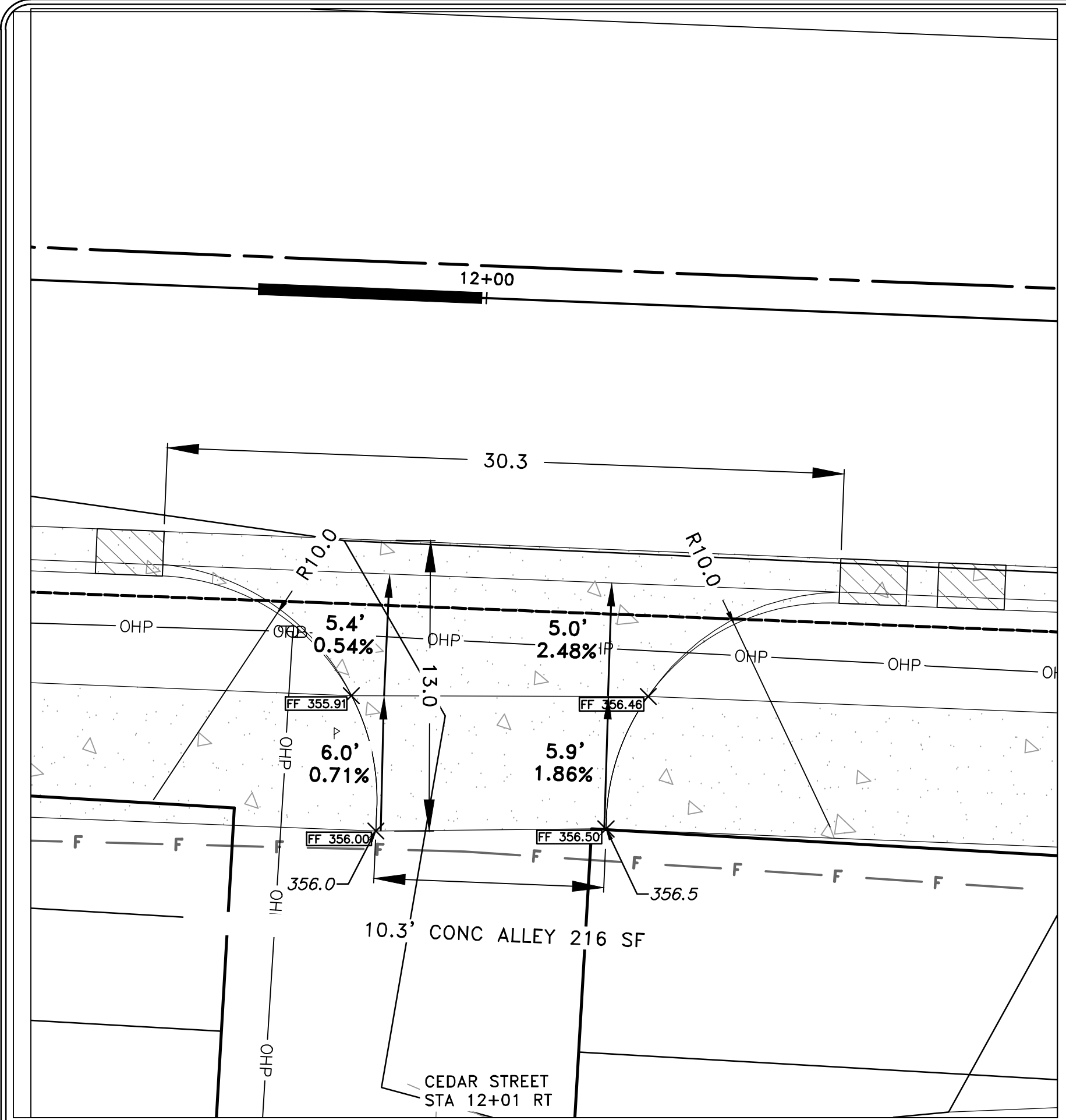
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



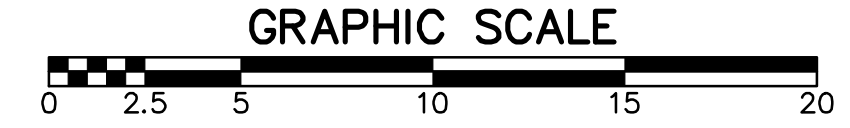
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CHECKED BAP
DATE 07-09-2019
SCALE: 1"=5'
PROJECT NO. 061552
SHEET NO. C22

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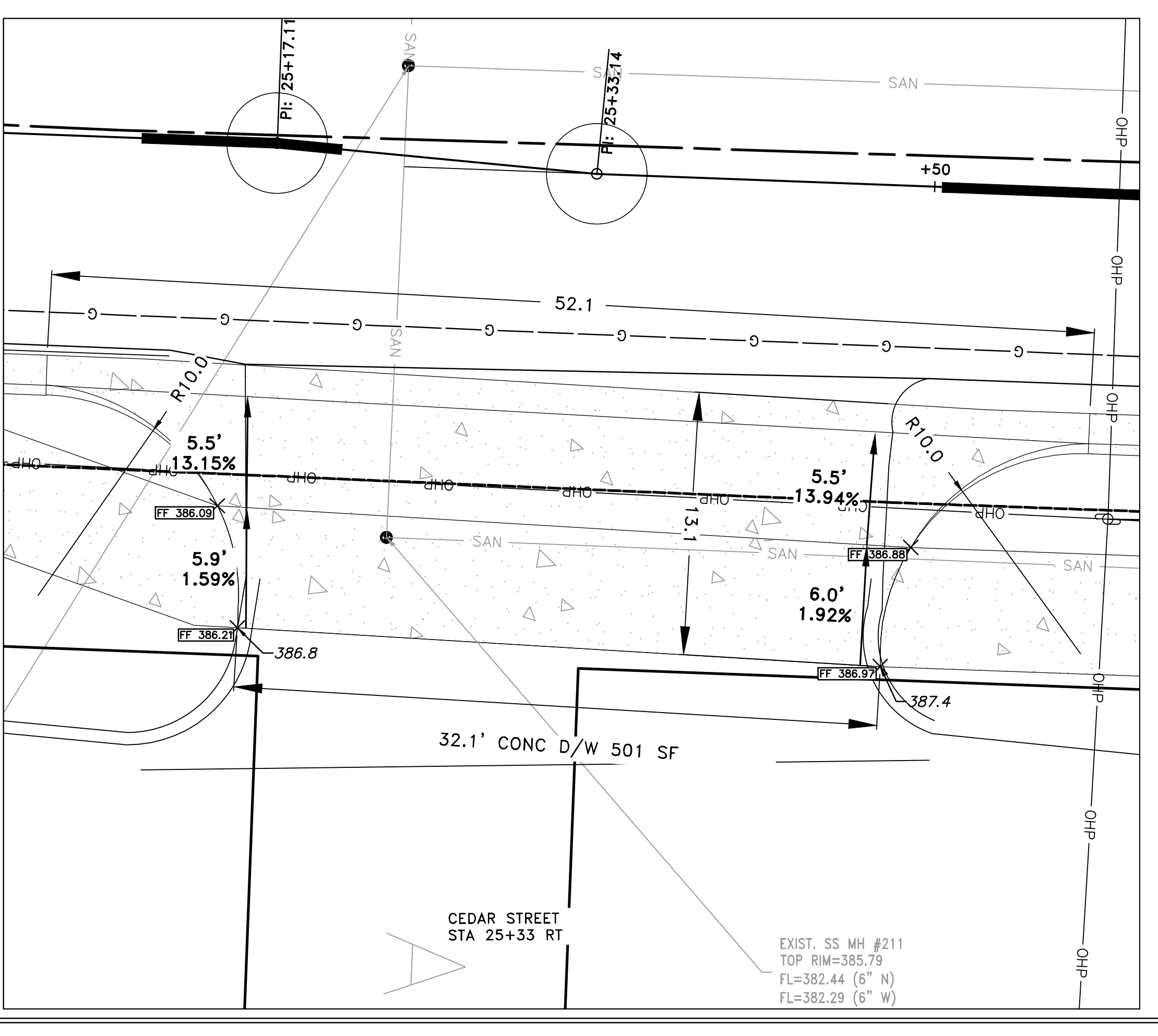
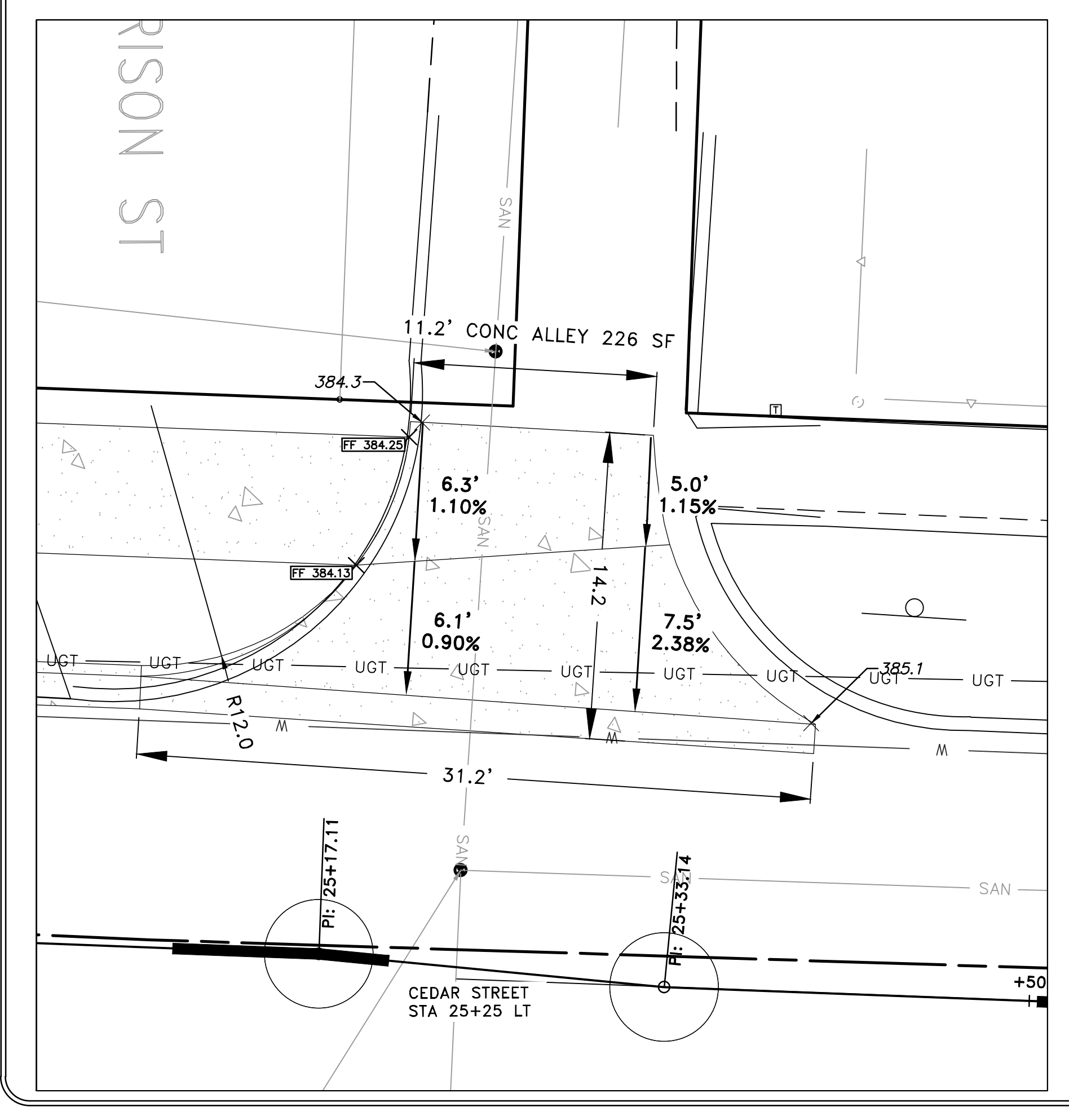
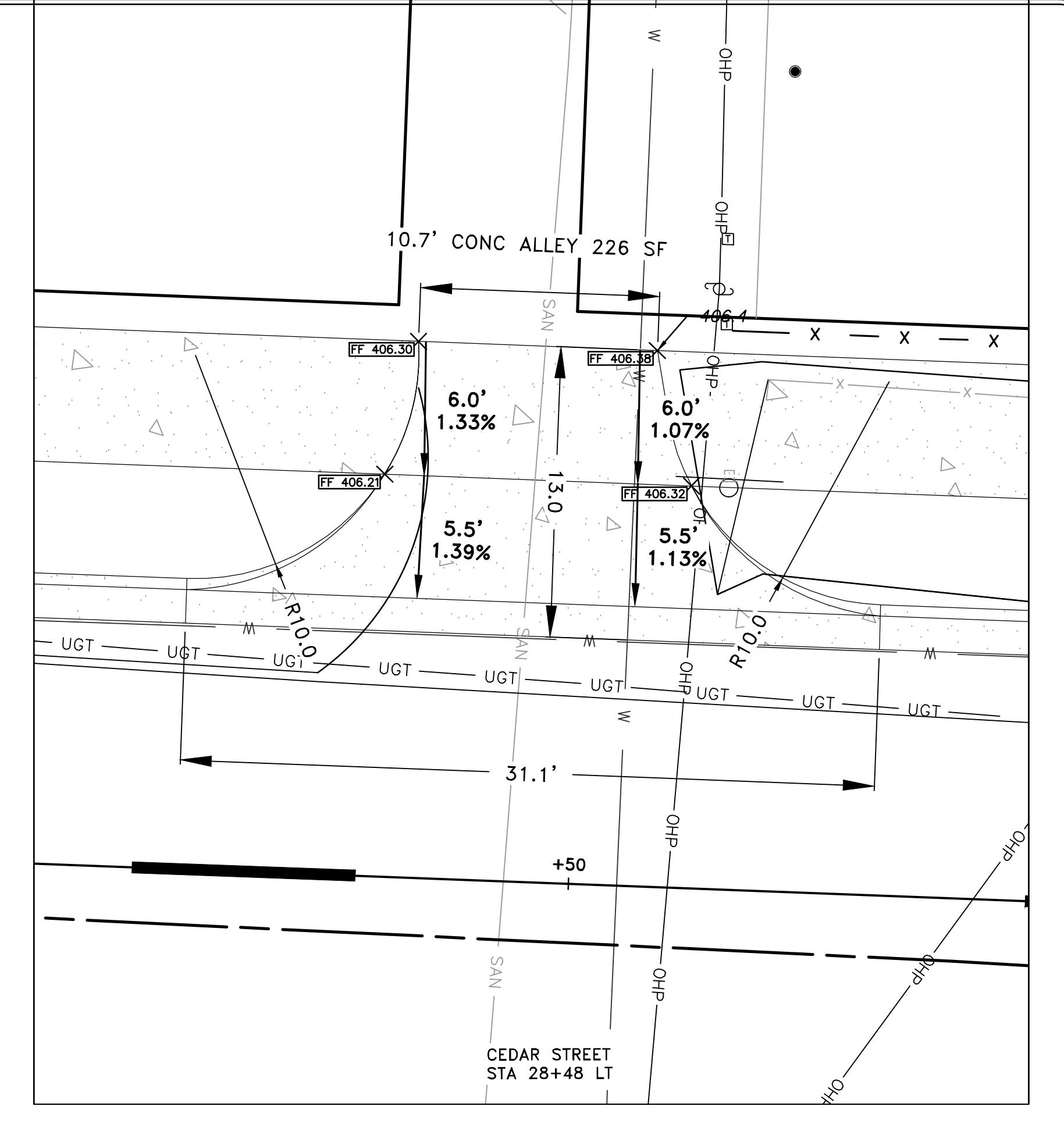
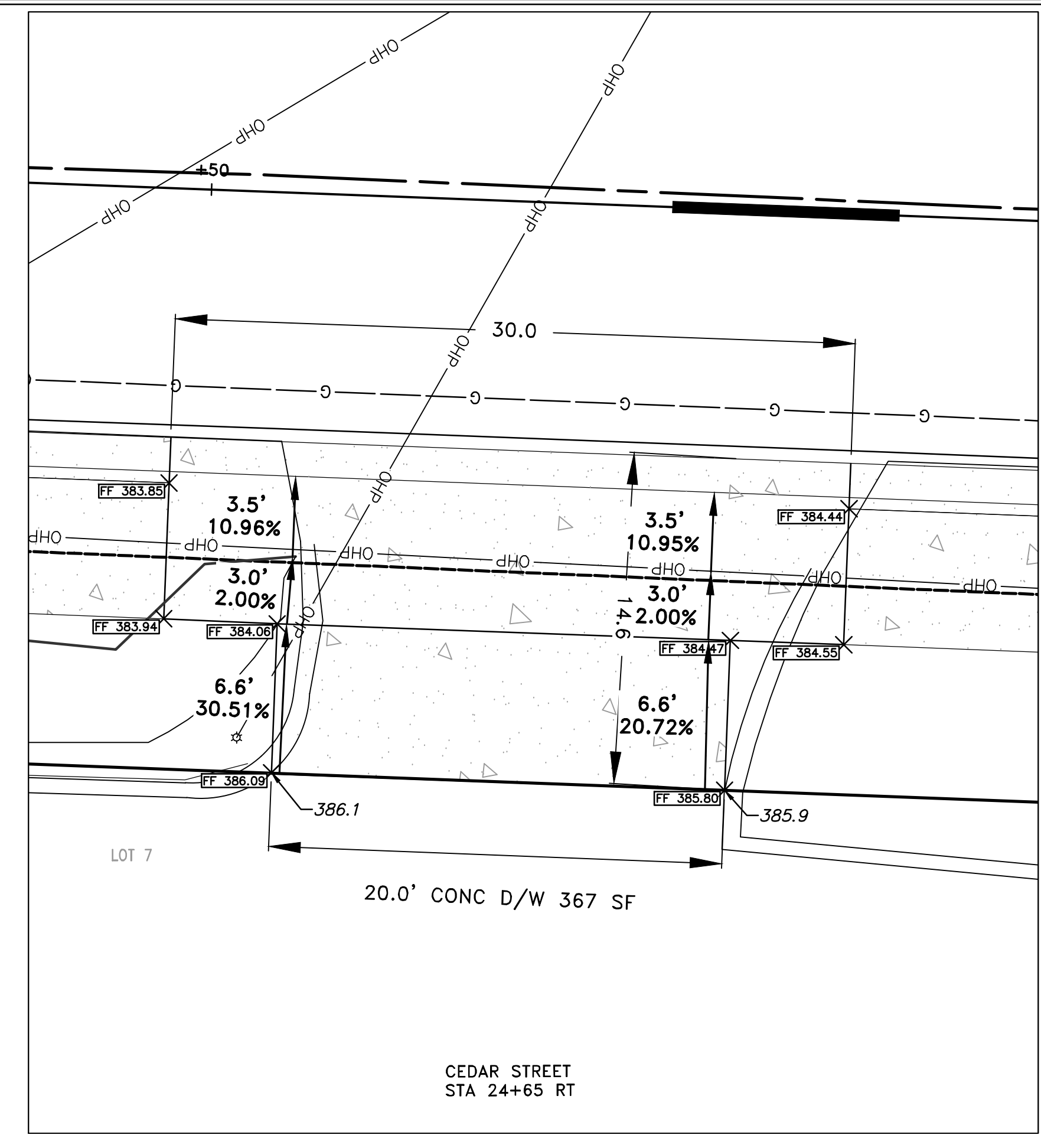
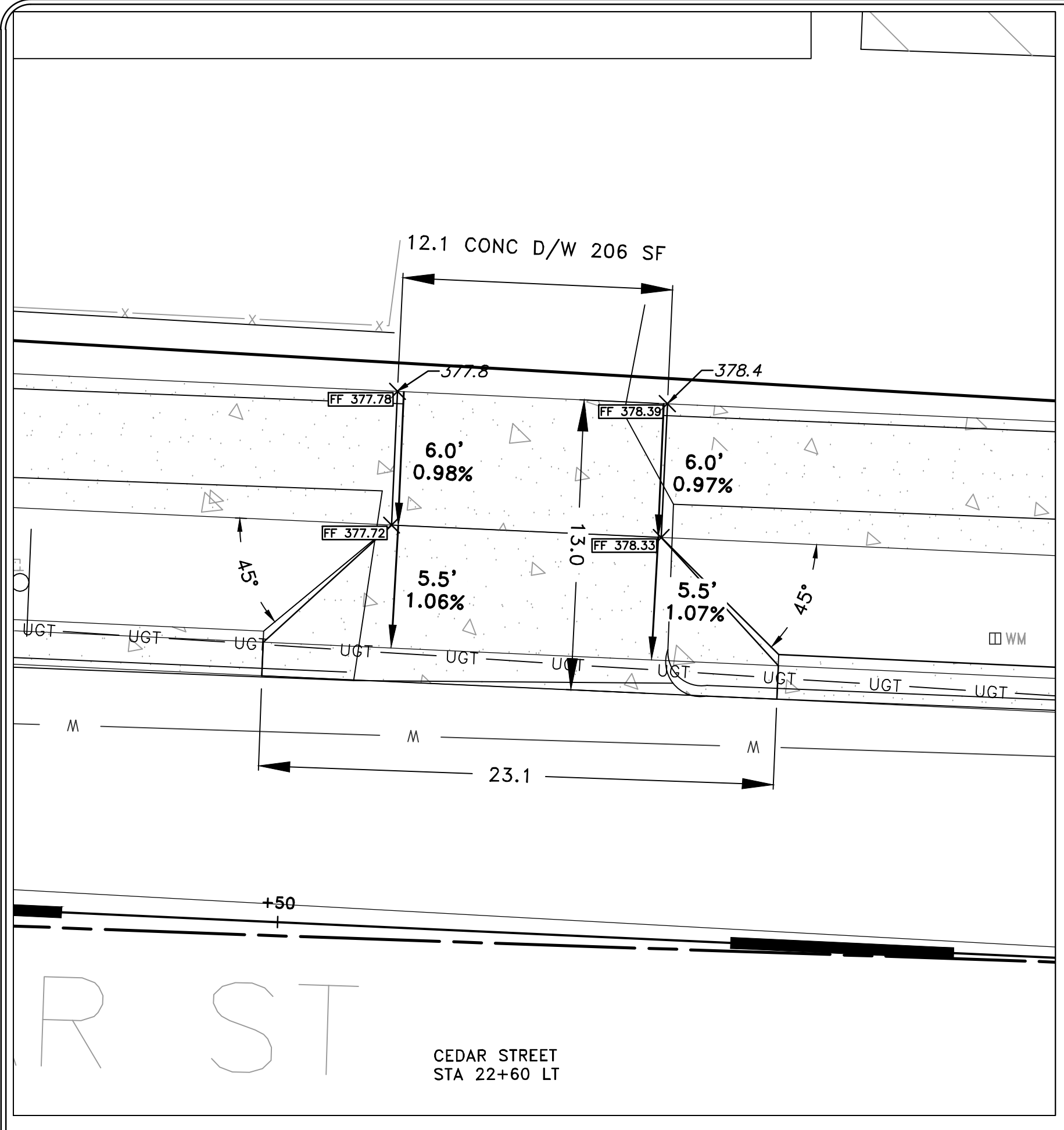
REVISIONS	DATE

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

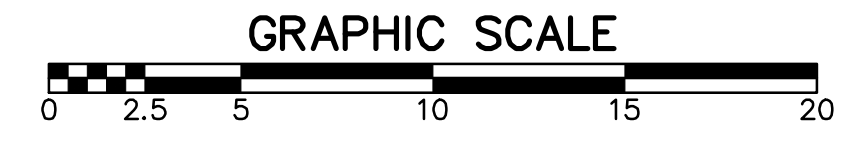
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 701 W. MARKHAM
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CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
CEDAR STREET DRIVEWAYS - SHEET 2

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 PROJECT NO.
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 SHEET NO.
C24

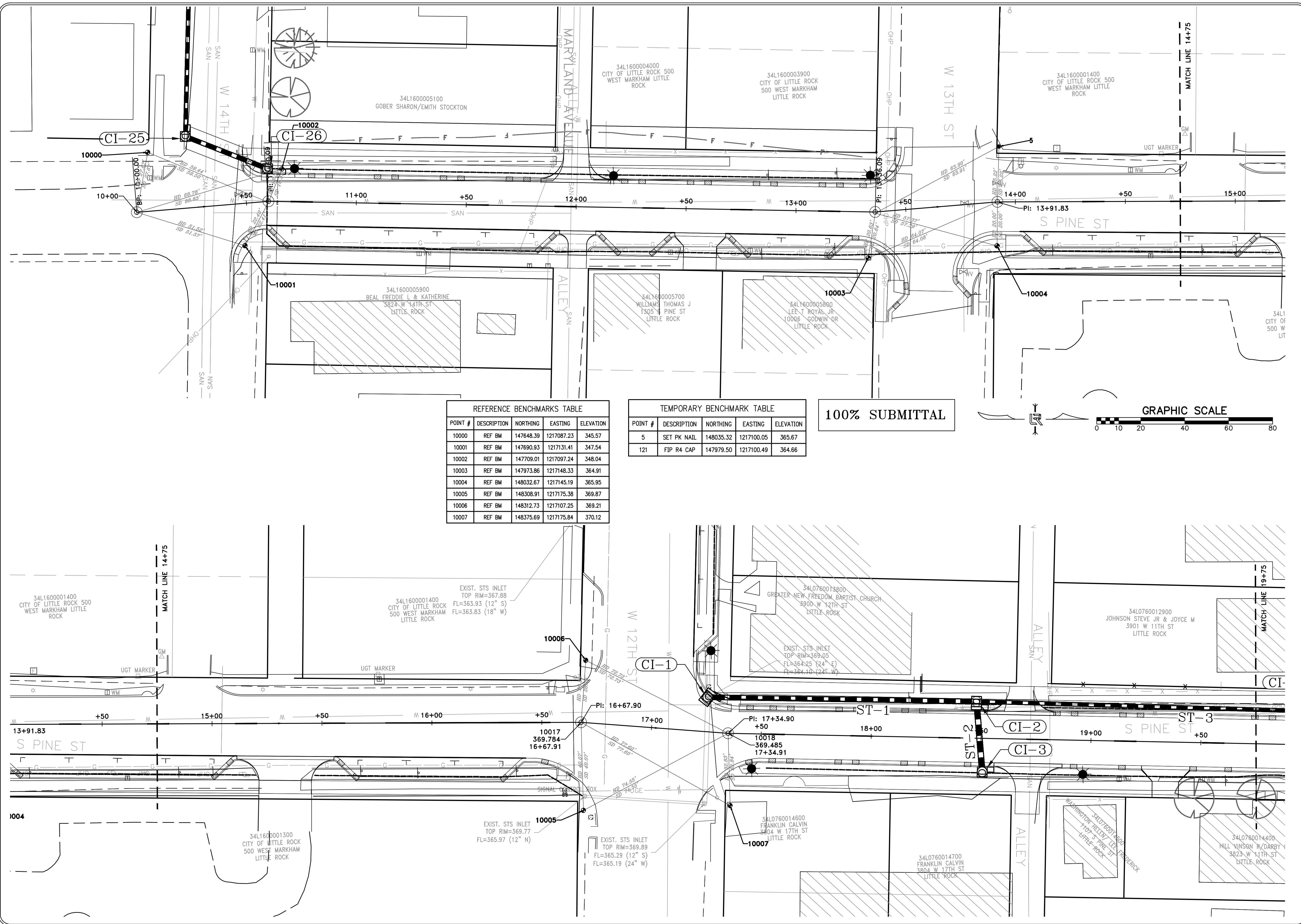
REVISIONS	DATE

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

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 CIVIL ENGINEERING
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 LITTLE ROCK, ARKANSAS 72201



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PROJECT NO. 061552
SHEET NO. C25



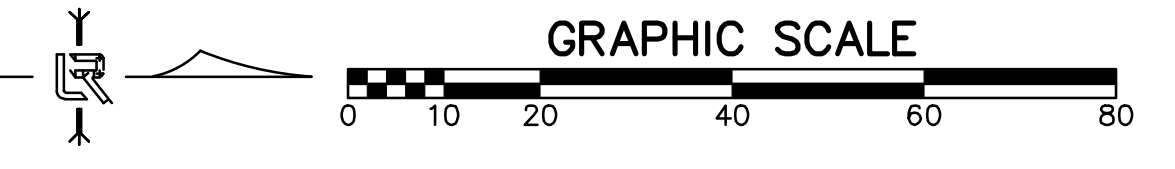
REFERENCE BENCHMARKS TABLE

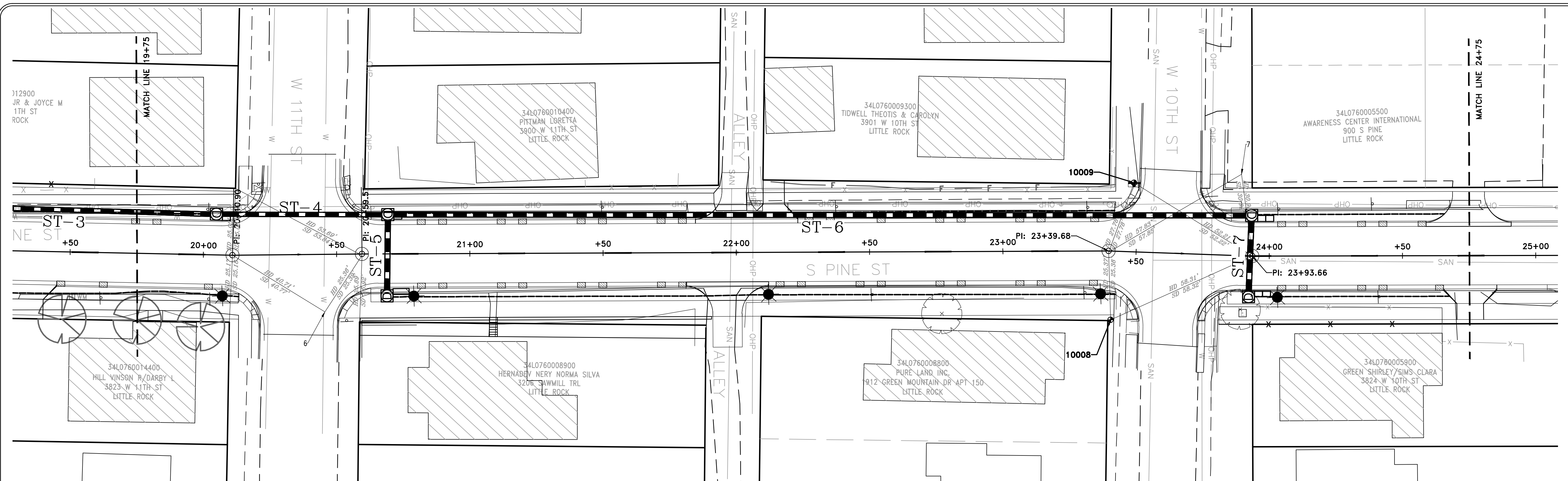
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
10000	REF BM	147648.39	1217087.23	345.57
10001	REF BM	147690.93	1217131.41	347.54
10002	REF BM	147709.01	1217097.24	348.04
10003	REF BM	147973.86	1217148.33	364.91
10004	REF BM	148032.67	1217145.19	365.95
10005	REF BM	148308.91	1217175.38	369.87
10006	REF 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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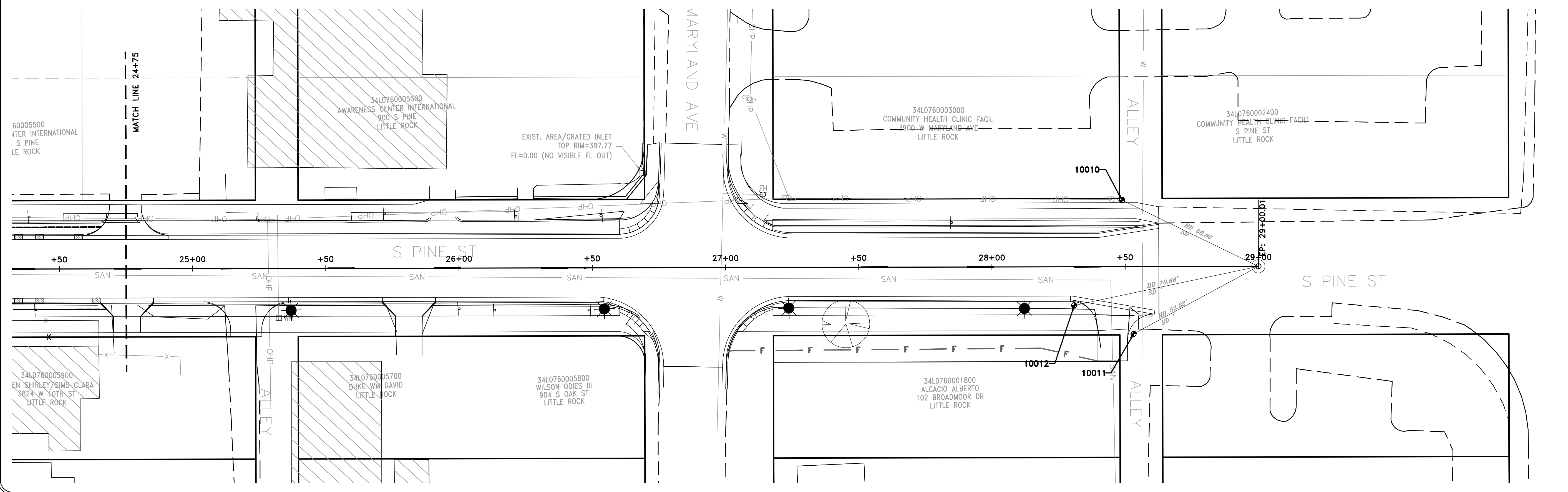
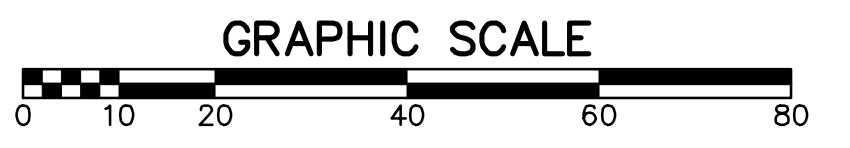
REFERENCE BENCHMARK TABLE

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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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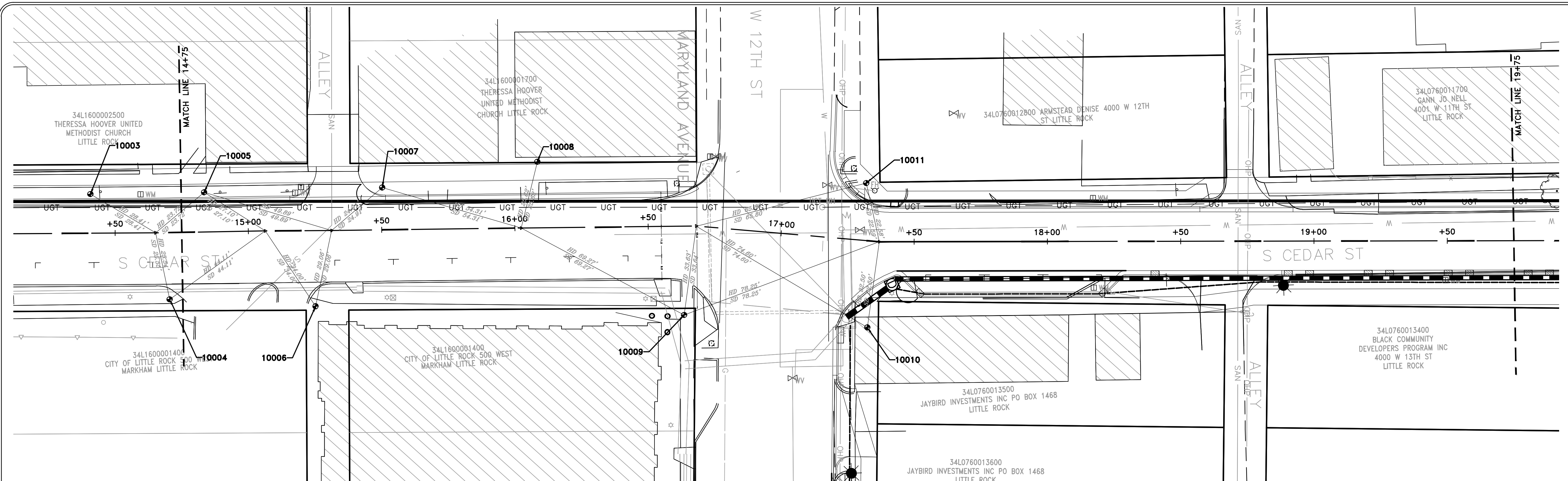
NO.	DESCRIPTION	DATE

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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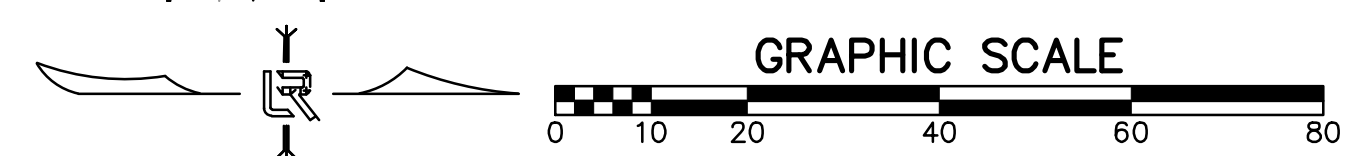


POINT TABLE

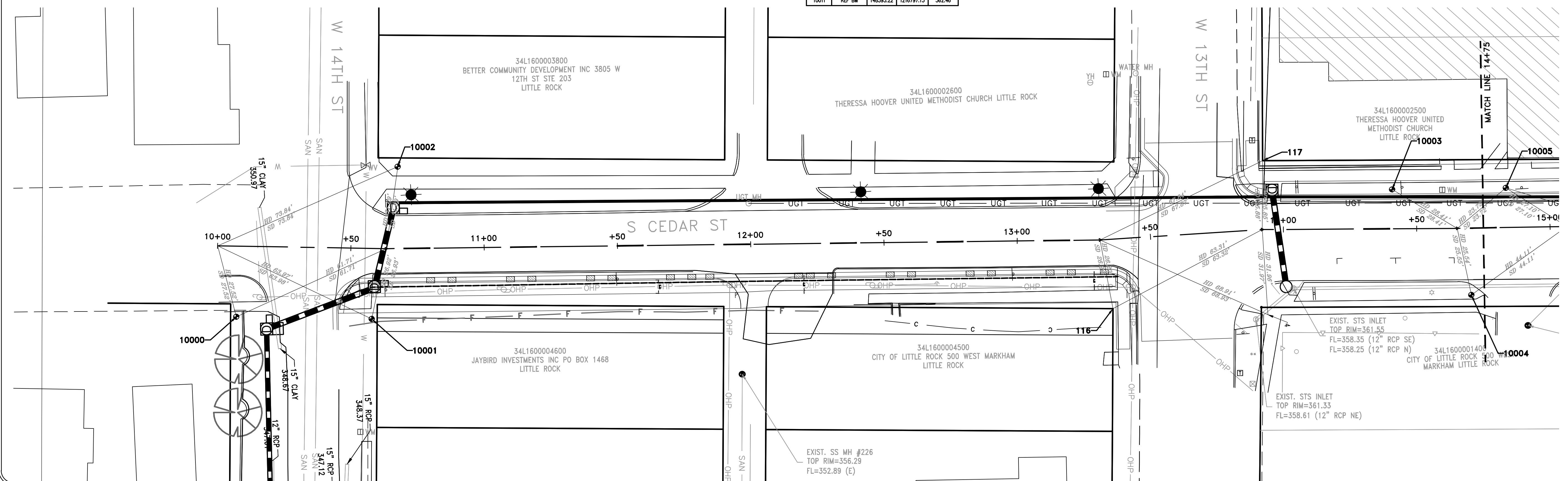
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10000	REF BM	147666.87	1216810.94	353.62
10001	REF BM	147717.52	1216814.43	352.75
10002	REF BM	147730.26	1216757.94	353.94
10003	REF BM	148102.37	1216786.02	361.77
10004	REF BM	148129.96	1216827.05	362.72
10005	REF BM	148144.99	1216787.64	362.60
10006	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 TABLE

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



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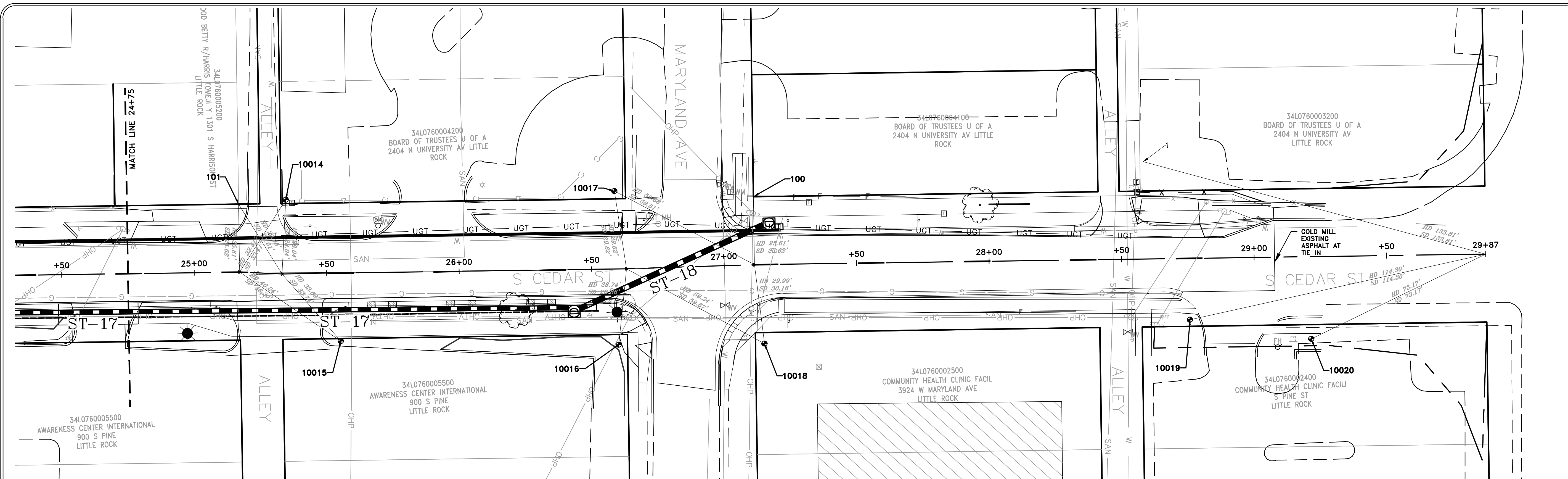
REVISIONS	DATE

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

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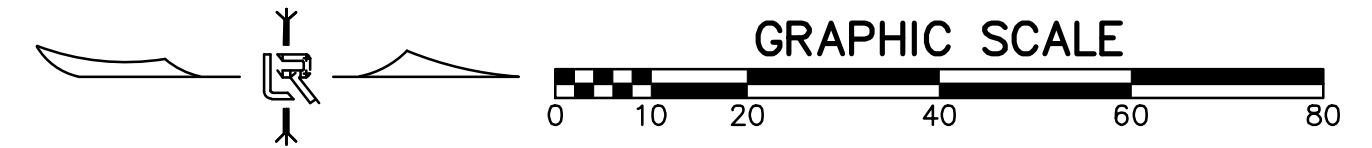


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 PROJECT NO.
 061552
 SHEET NO.
 C27

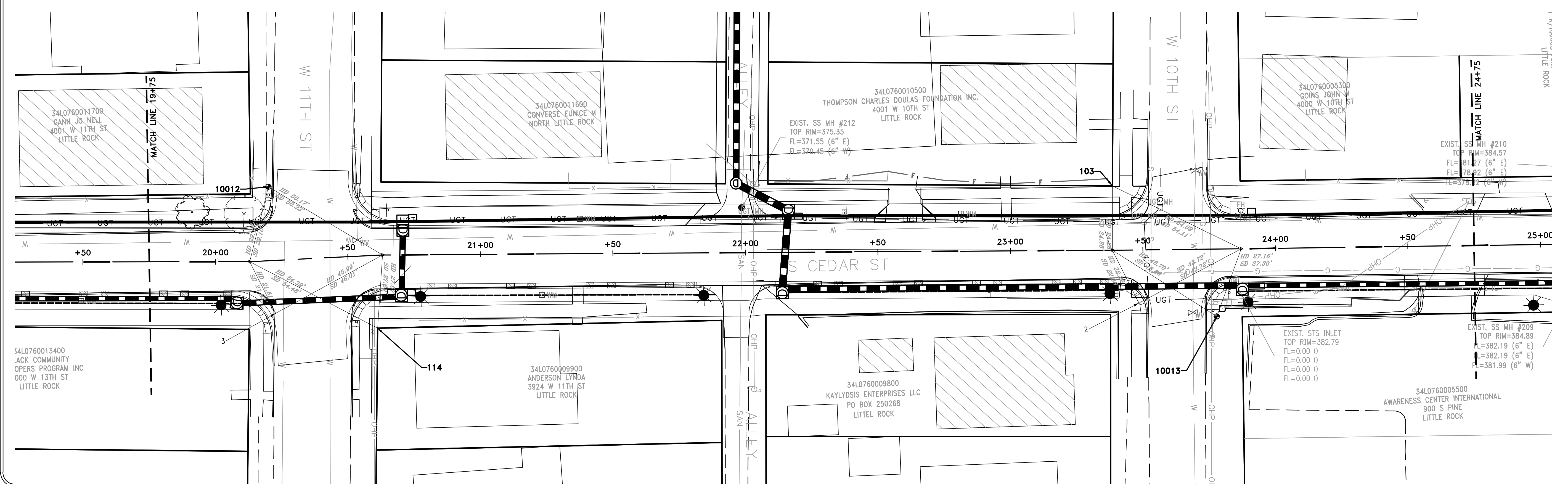


REFERENCE BENCHMARKS				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
10012	REF BM	148681.07	1216805.61	368.73
10013	REF BM	149035.90	1216873.25	385.33
10014	REF BM	149195.16	1216826.78	385.37
10015	REF BM	149213.10	1216881.14	387.52
10016	REF BM	149317.76	1216887.94	396.46
10017	REF BM	149319.13	1216830.07	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	380.96
105	FIP R4	148995.86	1216870.39	386.74
114	FIP R4	148719.41	1216861.02	372.04



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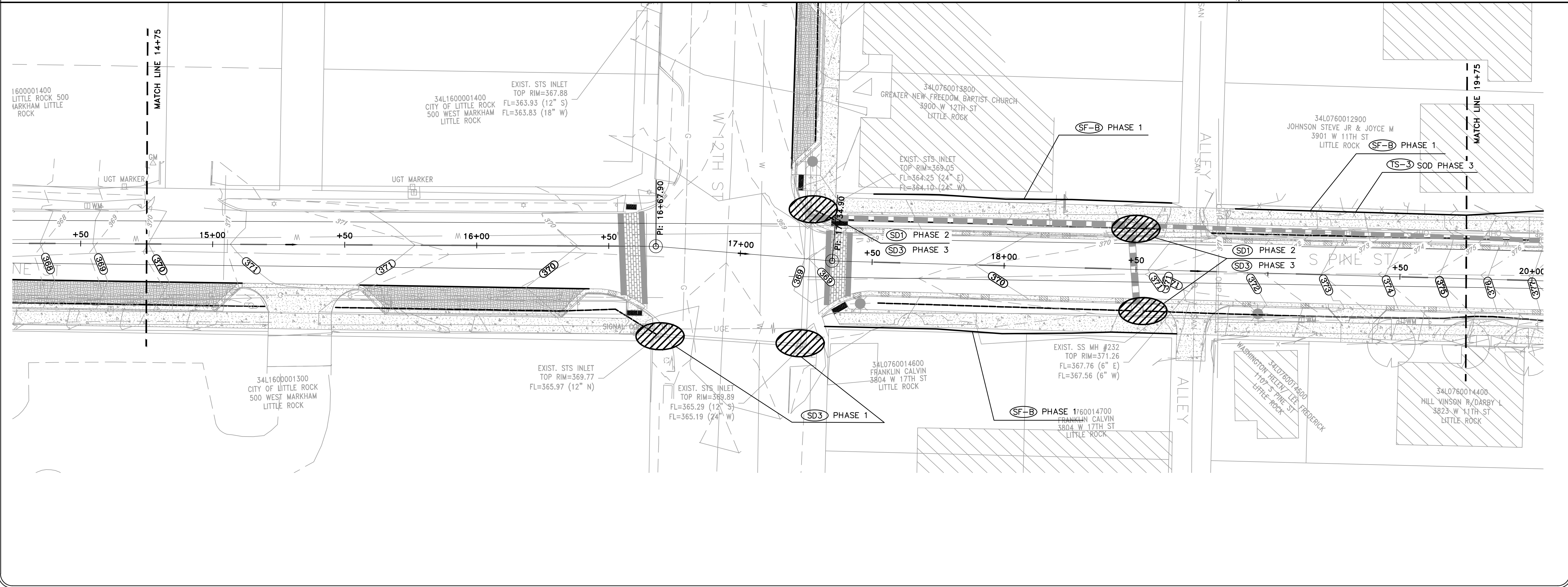
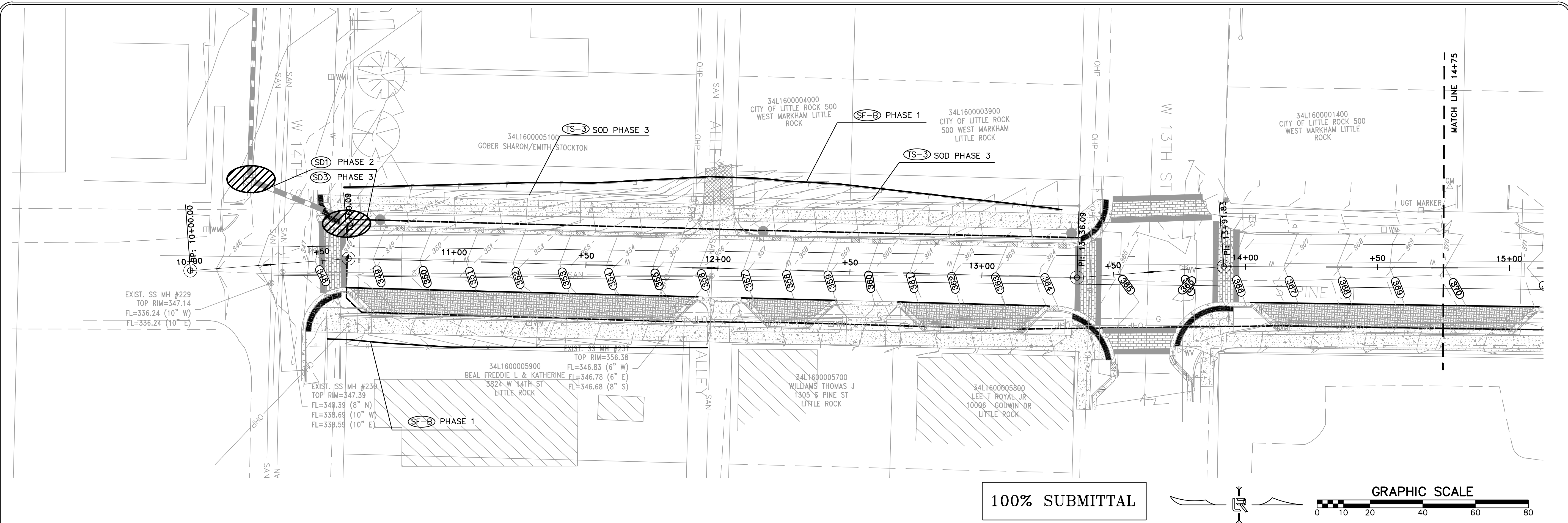
REVISIONS	DATE

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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 701 W. MARKHAM
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 SCALE: 1"=20'
 PROJECT NO.
 061552
 SHEET NO.
 C28



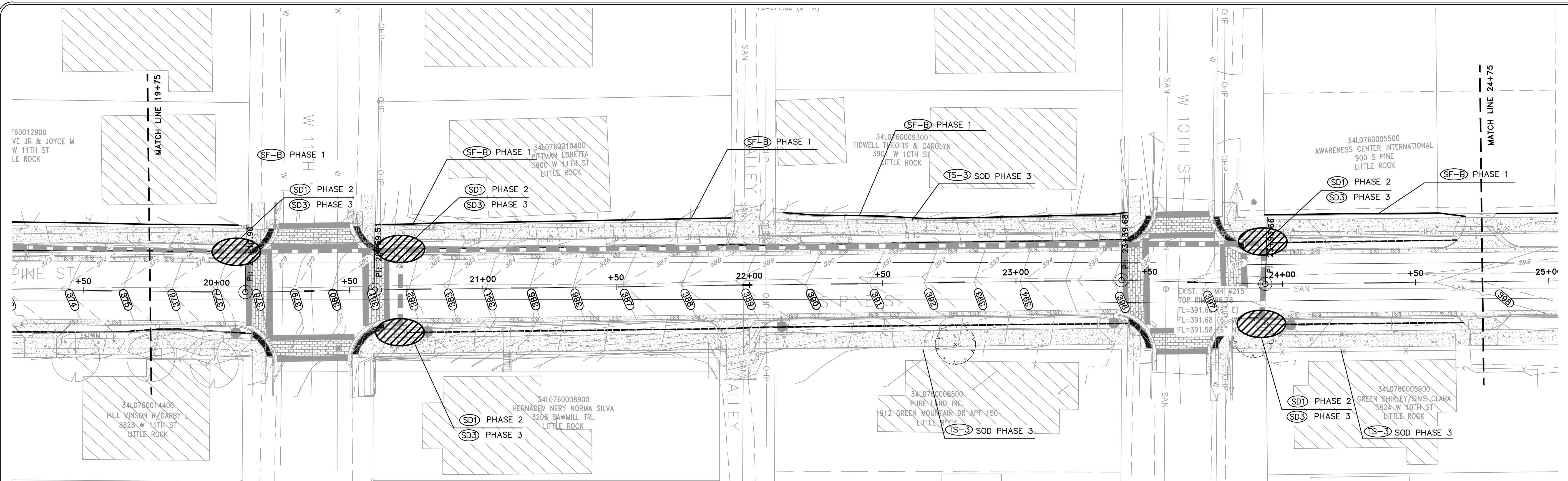
REVISIONS	DATE

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

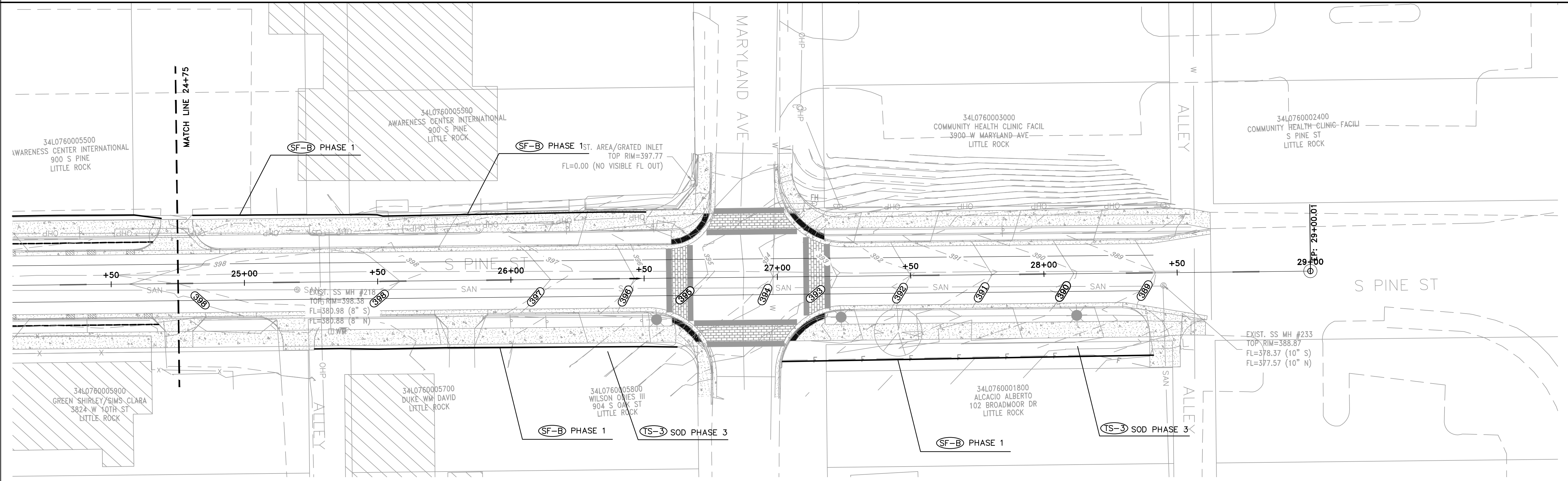
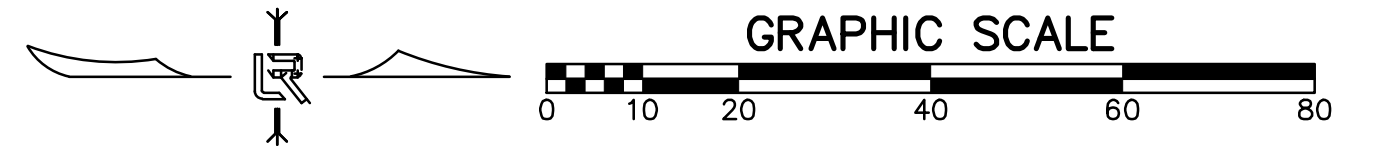
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DATE
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CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 PINE STREET EROSION CONTROL SHEET 2
 STA 19+75 TO 29+00

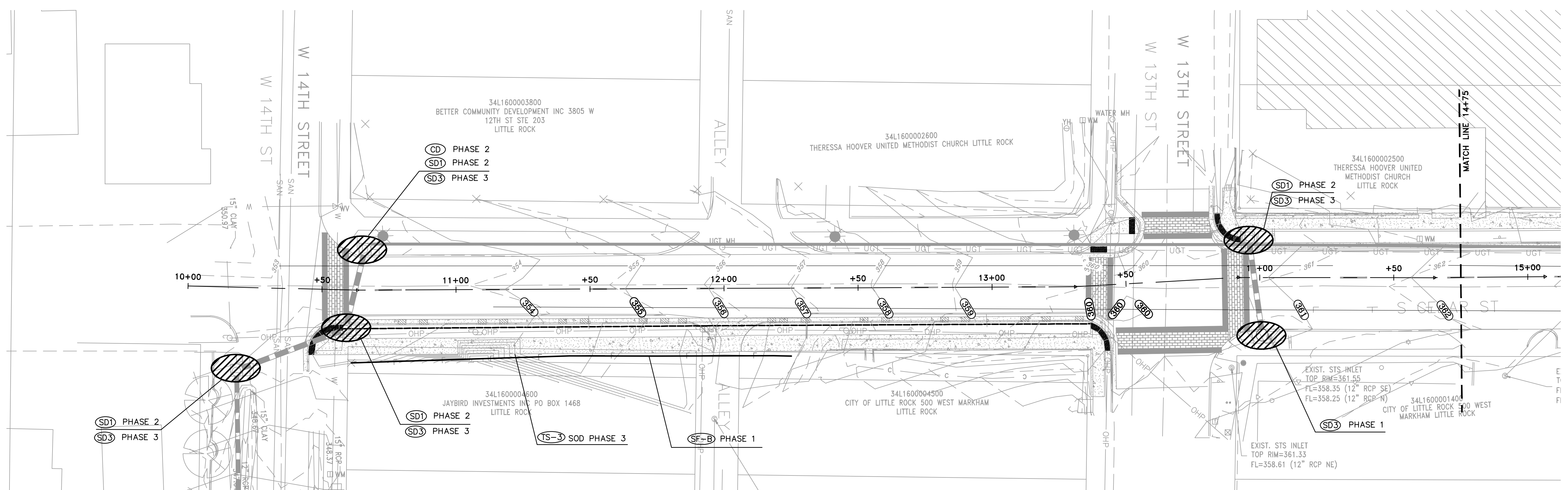
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 13217
 BRADLEY A. PETERSON
 7/9/19

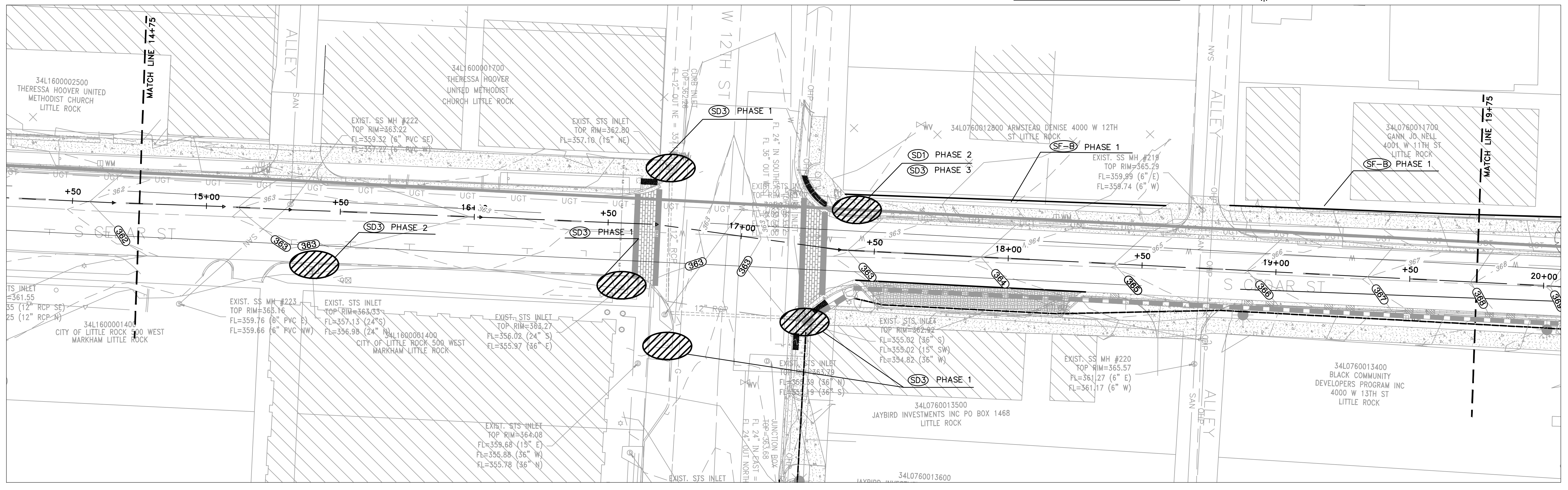
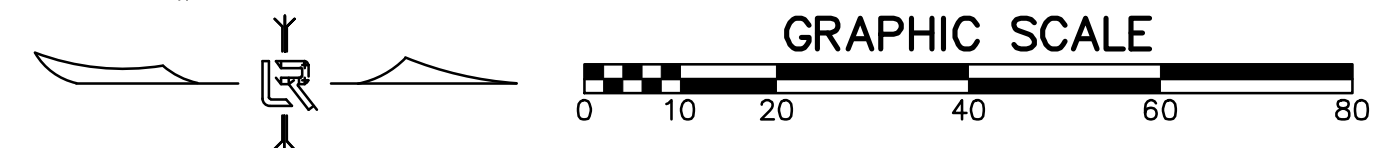
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 SCALE: 1"=20'
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 SHEET NO.
 C30

REVISIONS	DATE

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
CEDAR STREET EROSION CONTROL SHEET 1
 STA 10+00 TO 19+75

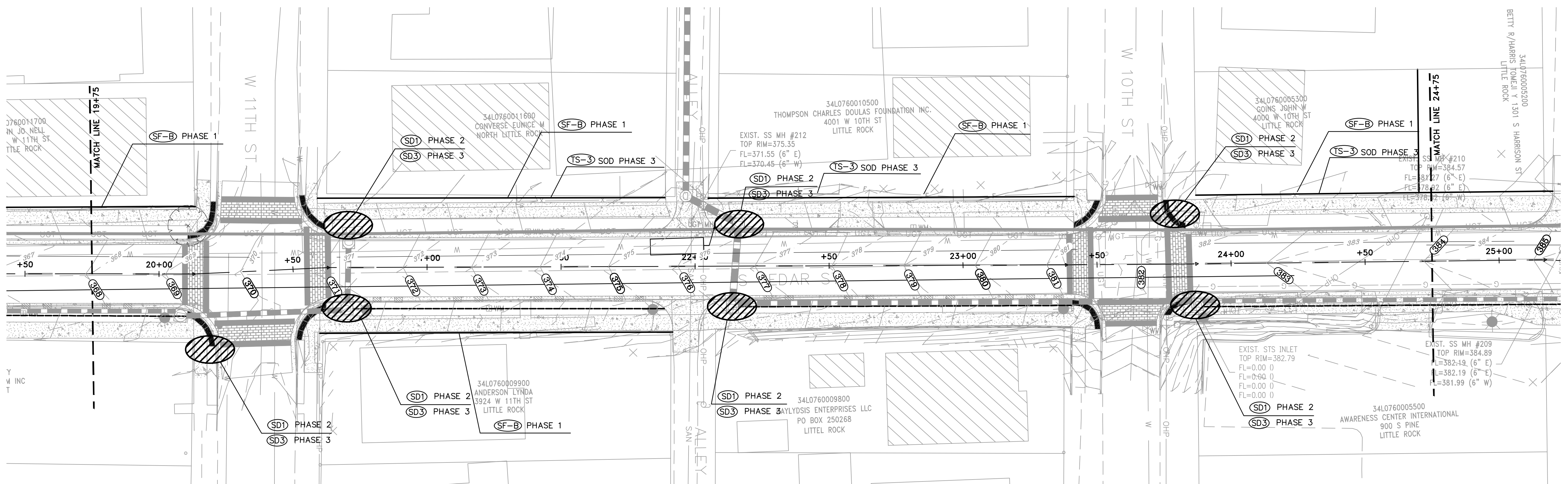
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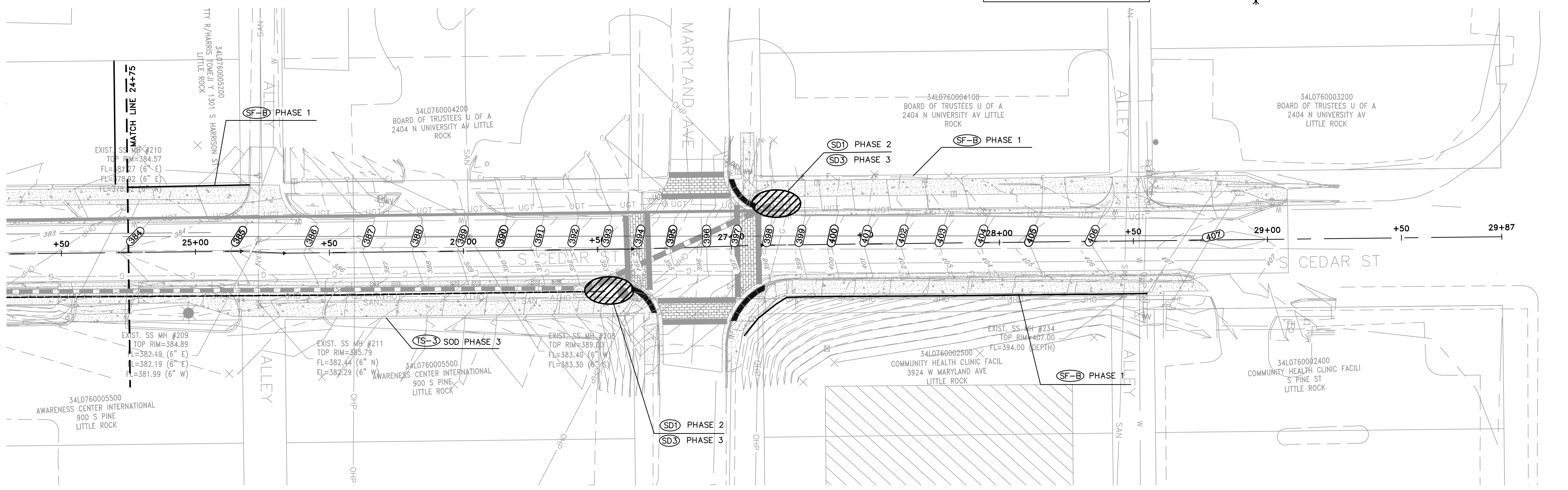
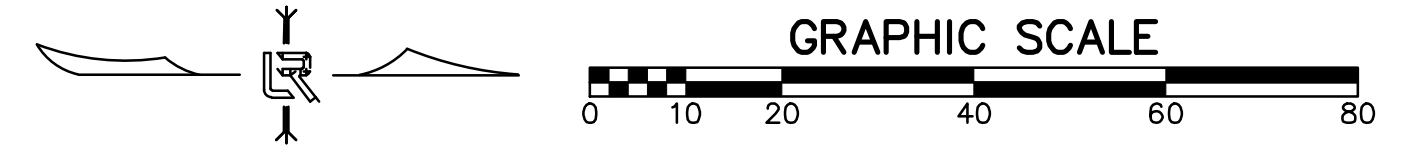
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DATE
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SCALE: 1"=20'
PROJECT NO.
 061552
SHEET NO.
 C31

REVISIONS	DATE

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
CEDAR STREET EROSION CONTROL SHEET 2
 STA 19+75 TO 29+00

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 CIVIL ENGINEERING
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STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 BRADLEY A. PETERSON
 No. 13217
 7/9/19

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SHEET NO.
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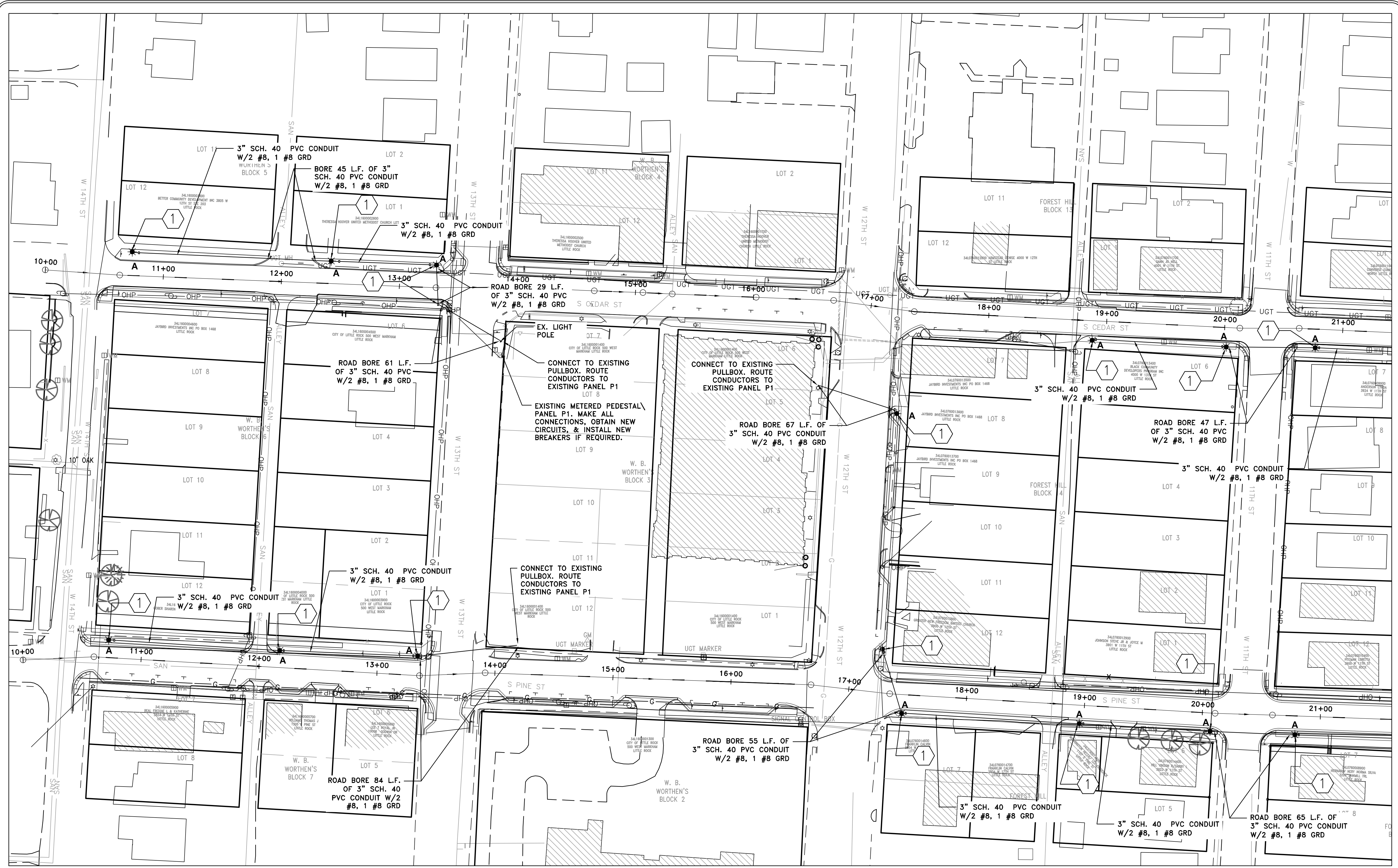
CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
OVERALL LIGHTING-SHEET 1

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STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 13217
 BRADLEY A. PETERSON
 7/9/19

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 SCALE 1" = 40'
 PROJECT NO.
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 SHEET NO.
C33



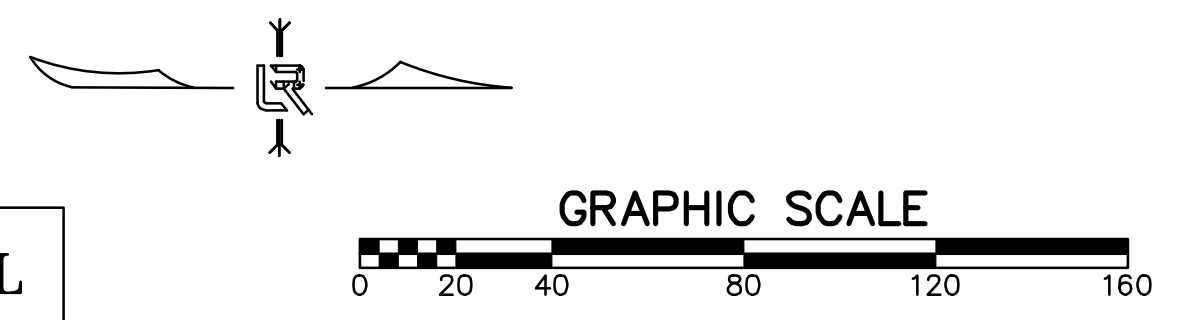
KEYED NOTES

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

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER & MODEL	LAMP	VOLTS	MAST ARM	POLE
A	EATON INVUE ECL E03 LED-480-E1-5WQ-SO-BL-BK-VA6171-BK-OA/RA 1016	LED	480V	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
OVERALL LIGHTING - SHEET 2

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 LITTLE ROCK, ARKANSAS 72201



STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 13217
 BRADLEY A. PETERSON
 7/9/19

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 SCALE 1" = 40'
 PROJECT NO.
 061552
 SHEET NO.
C34

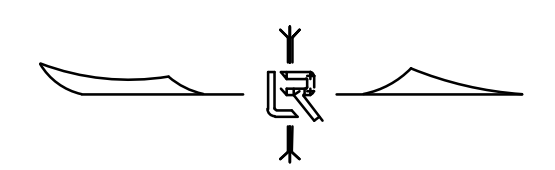
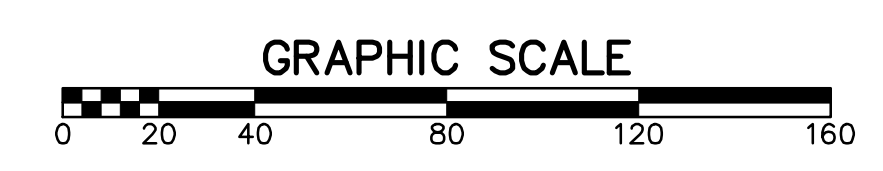


KEYED NOTES

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

LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER & MODEL	LAMP	VOLTS	MAST ARM	POLE
A	EATON INVUE ECL E03 LED-480-E1-5WQ-SO-BL-BK-VA6171-BK-OA/RA 1016	LED	480V	PEMCO ROADWAY PLA-908-1-PM-48-BK	PEMCO ROADWAY 5320-RTS/11-BK

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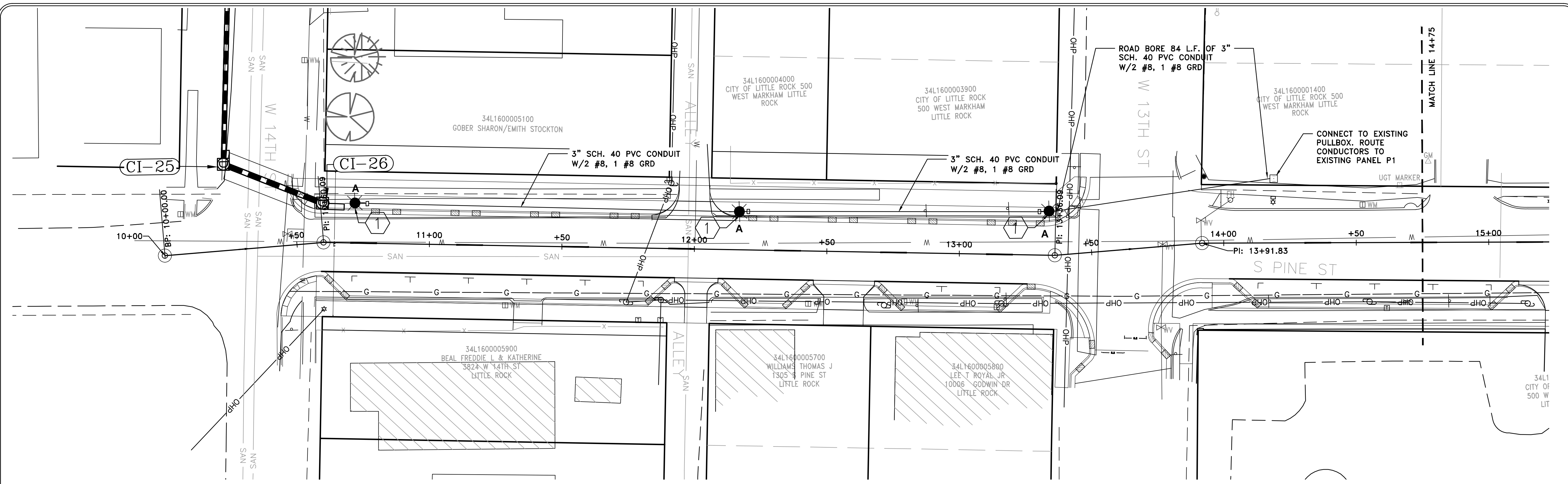
REVISIONS	DATE

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

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



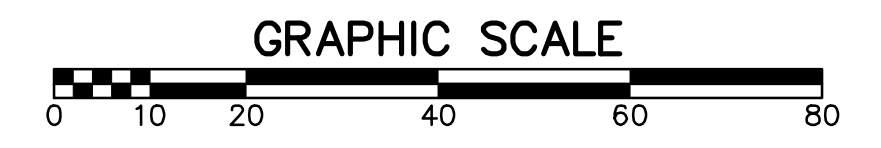
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DATE
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SCALE: 1"=20'
PROJECT NO.
 061552
SHEET NO.
 C35



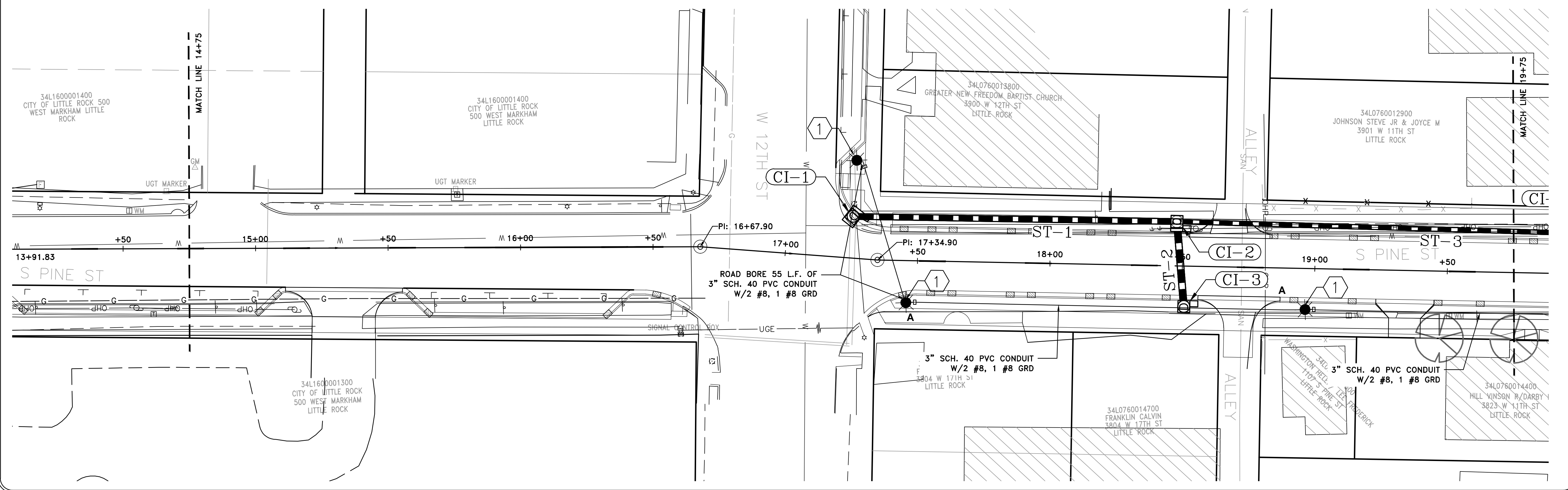
KEYED NOTES

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

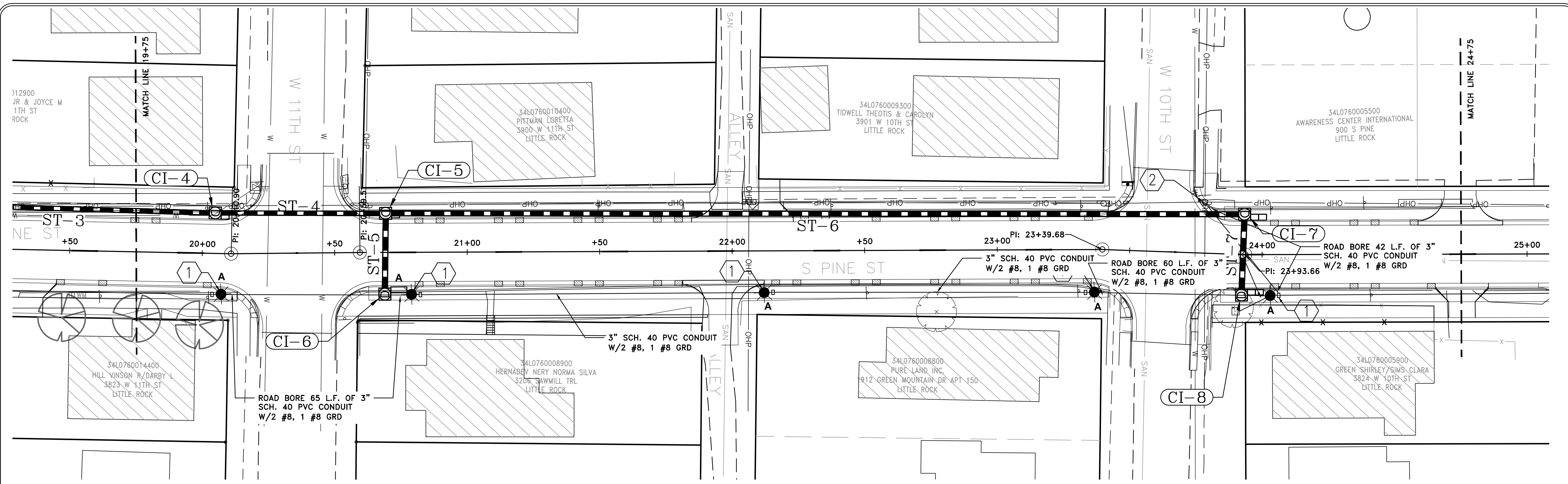
LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER & MODEL	LAMP	VOLTS	MAST ARM	POLE
A	EATON INVUE ECL E03 LED-480-E1-5WQ-SO-BL-BK-VA6171-BK-OA/RA 1016	LED	480V	PEMCO ROADWAY PLA-908-1-PM-48-BK	PEMCO ROADWAY 5320-RTS/11-BK



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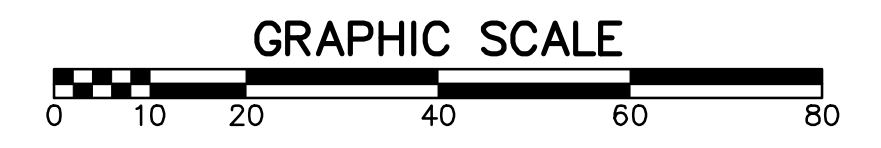
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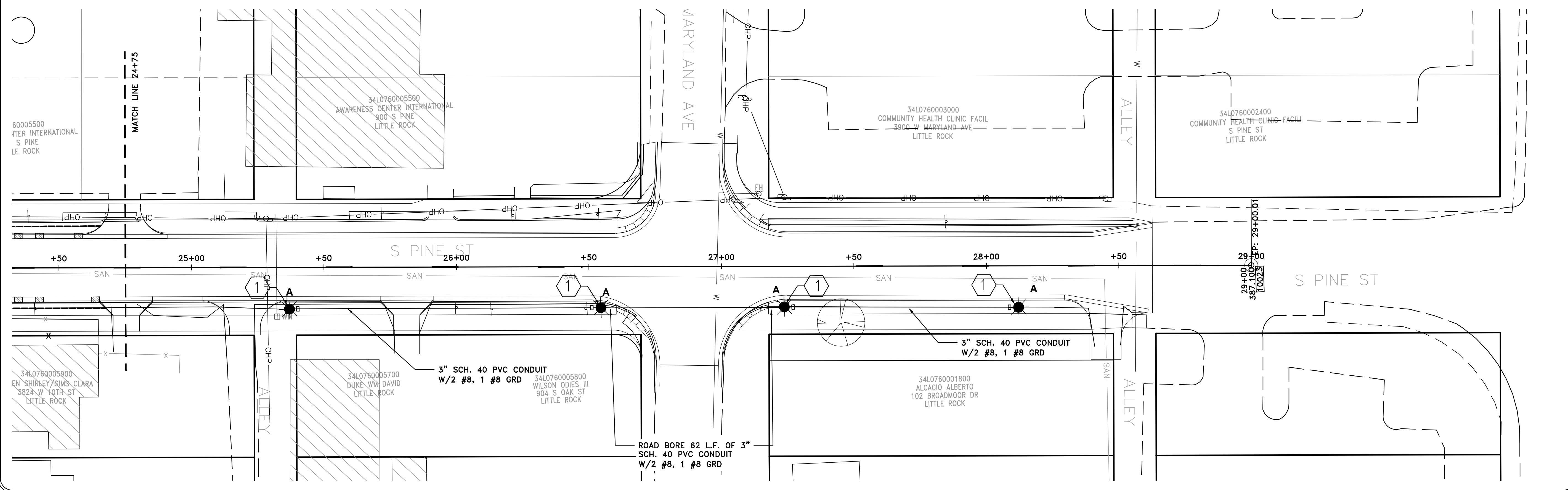
KEYED NOTES

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

LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER & MODEL	LAMP	VOLTS	MAST ARM	POLE
A	EATON INVUE ECL E03 LED-480-E1-5WQ-SO-BL-BK-VA6171-BK-OA/RA 1016	LED	480V	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

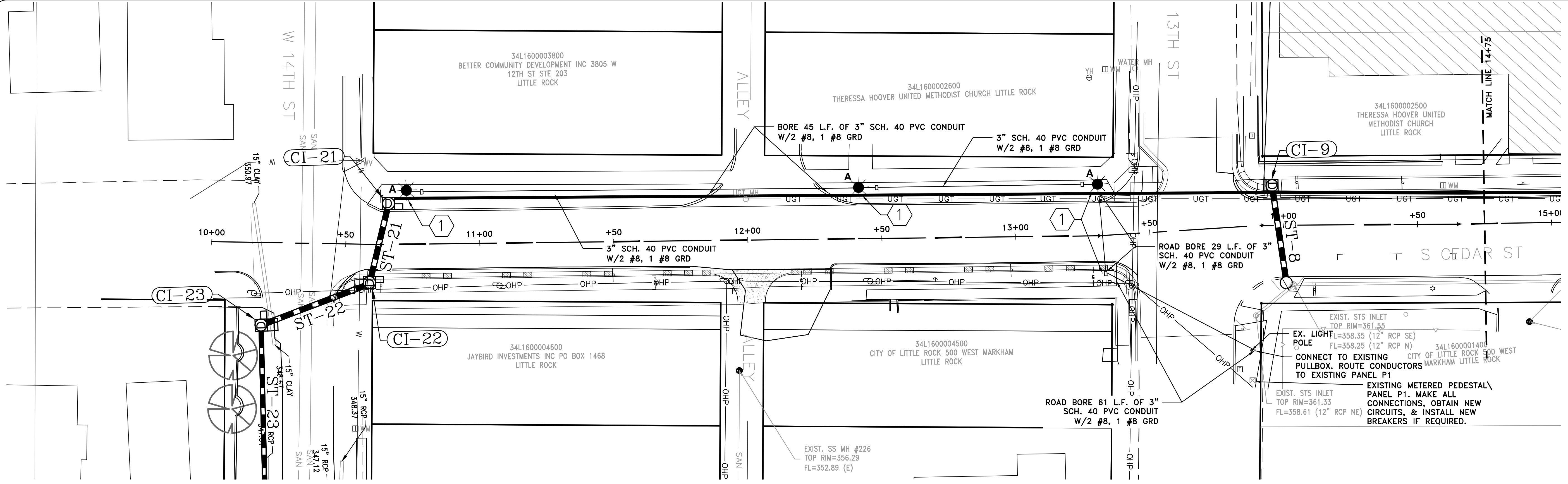
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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 DATE 07-09-2019
 SCALE: 1"=20'
 PROJECT NO. 061552
 SHEET NO. C36

REVISIONS	DATE

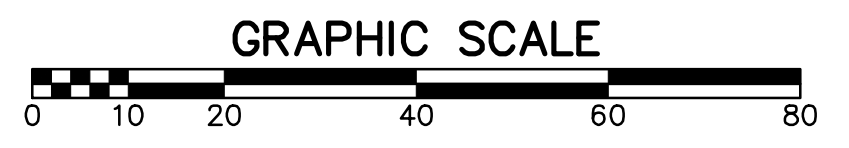
CITY OF LITTLE ROCK, ARKANSAS
 12TH STREET JUMP START IMPROVEMENTS
 CEDAR STREET LIGHTING - SHEET 1
 STA 10+00 TO 19+75



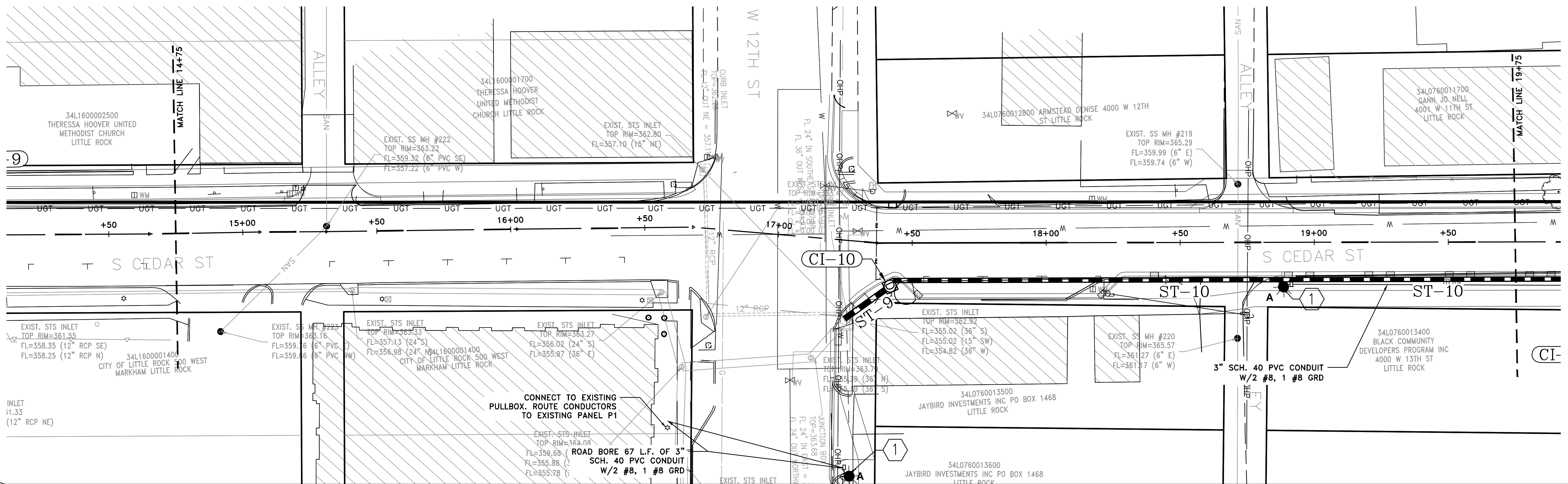
KEYED NOTES

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

LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER & MODEL	LAMP	VOLTS	MAST ARM	POLE
A	EATON INVUE ECL E03 LED-480-E1-5WQ-SO-BL-BK-VA6171-BK-OA/RA 1016	LED	480V	PEMCO ROADWAY PLA-908-1-PM-48-BK	PEMCO ROADWAY 5320-RTS/11-BK



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 LITTLE ROCK, ARKANSAS 72201



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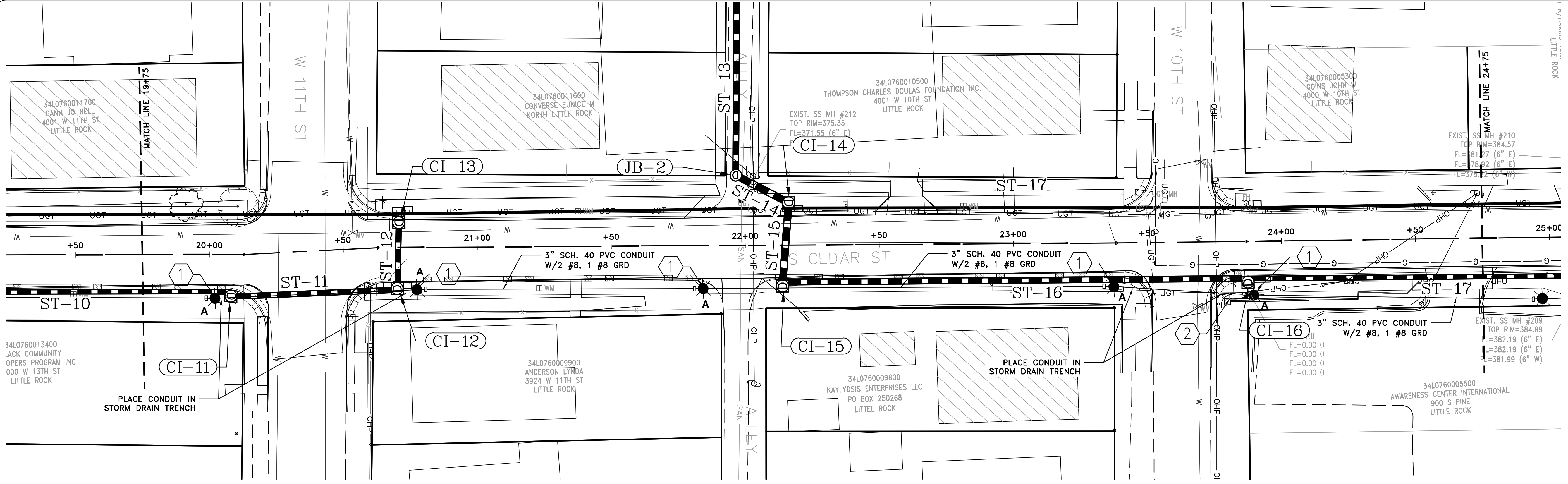
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DATE
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SCALE: 1"=20'

PROJECT NO.
061552

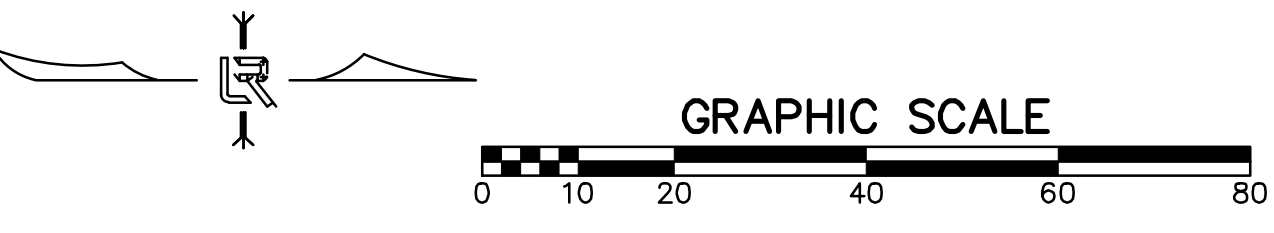
SHEET NO.
C37



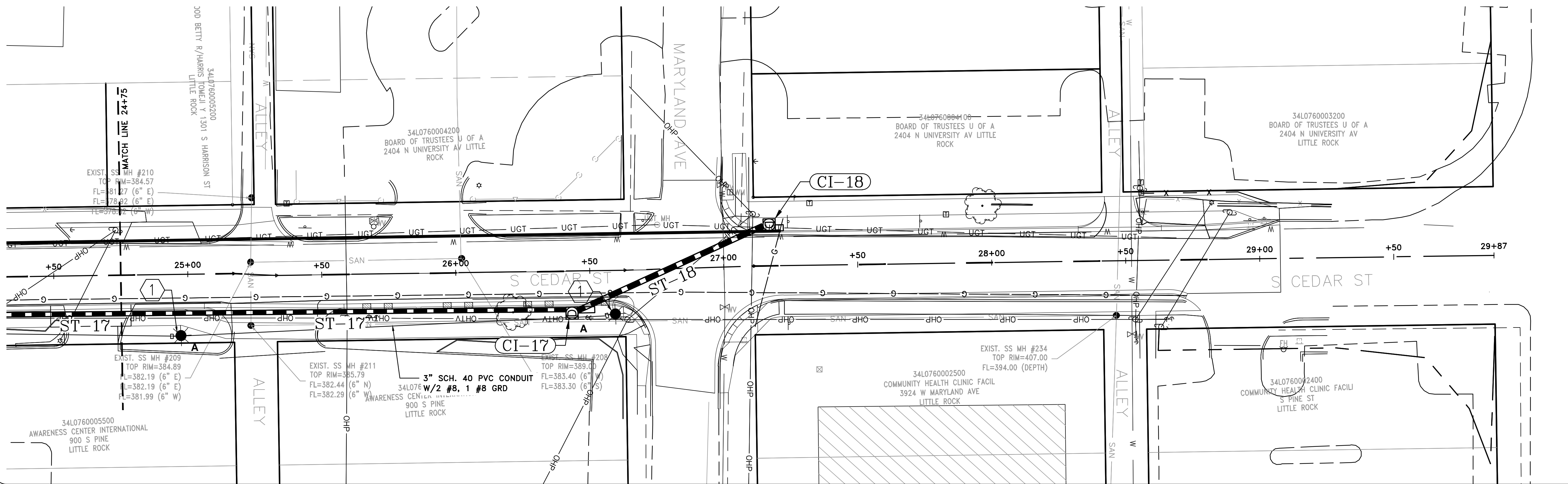
KEYED NOTES

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

LIGHT FIXTURE SCHEDULE					
TYPE	MANUFACTURER & MODEL	LAMP	VOLTS	MAST ARM	POLE
A	EATON INVUE ECL E03 LED-480-E1-5WQ-SO-BL-BK-VA6171-BK-OA/RA 1016	LED	480V	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
CEDAR STREET LIGHTING - SHEET 2
STA 19+75 TO 29+00

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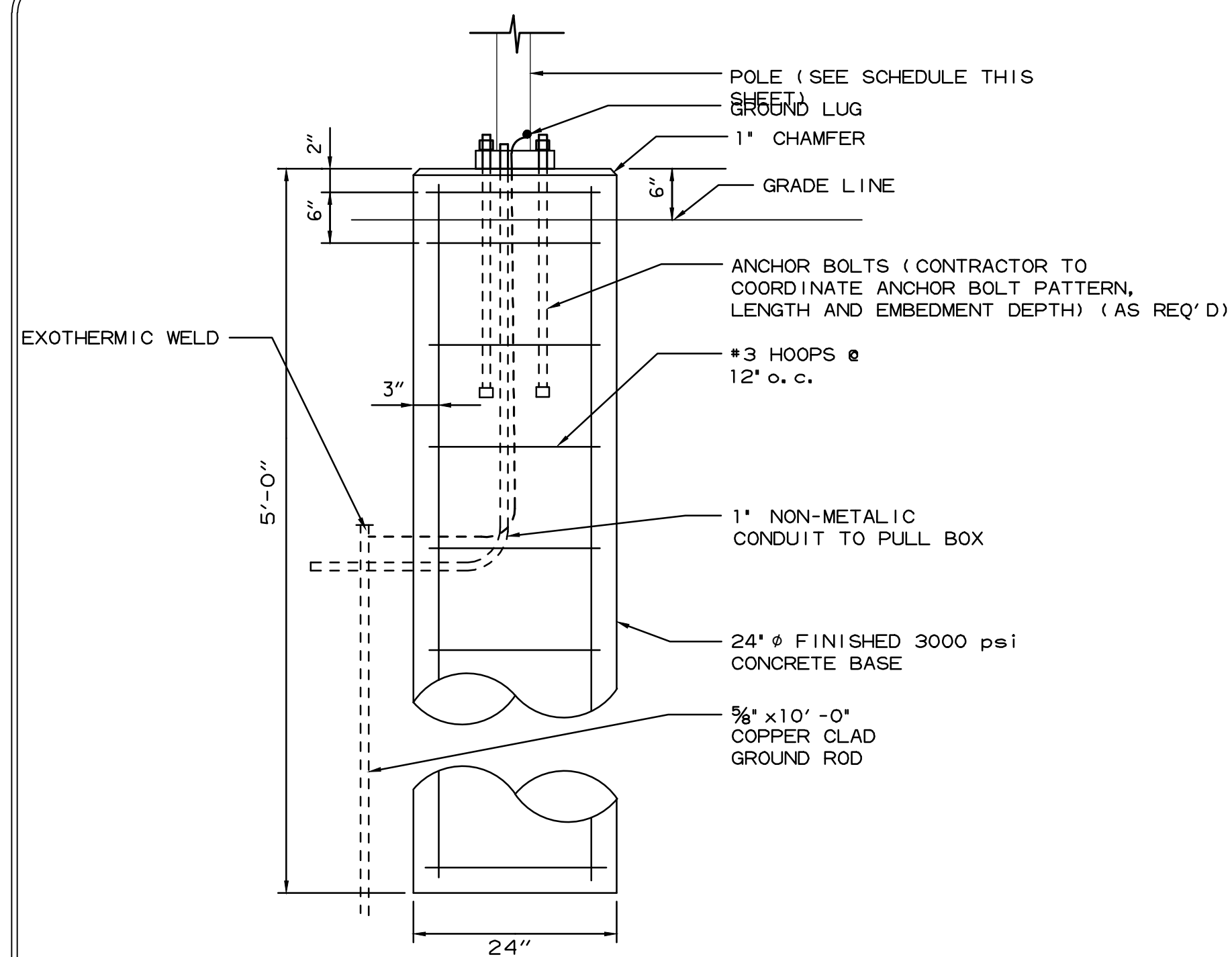
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DATE
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SCALE: 1"=20'

PROJECT NO.
061552

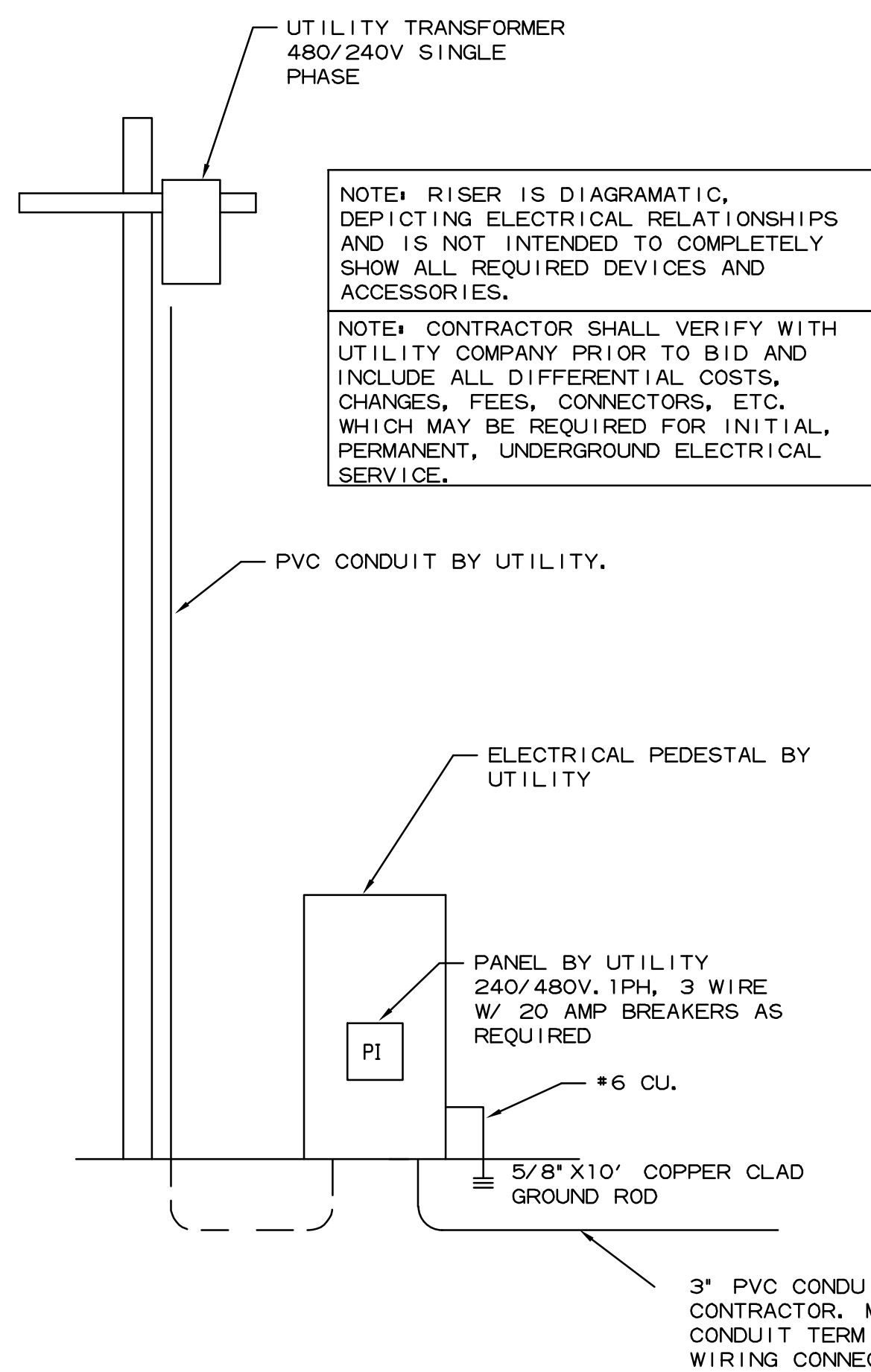
SHEET NO.
C38



LIGHT POLE FOUNDATION DETAIL
NTS

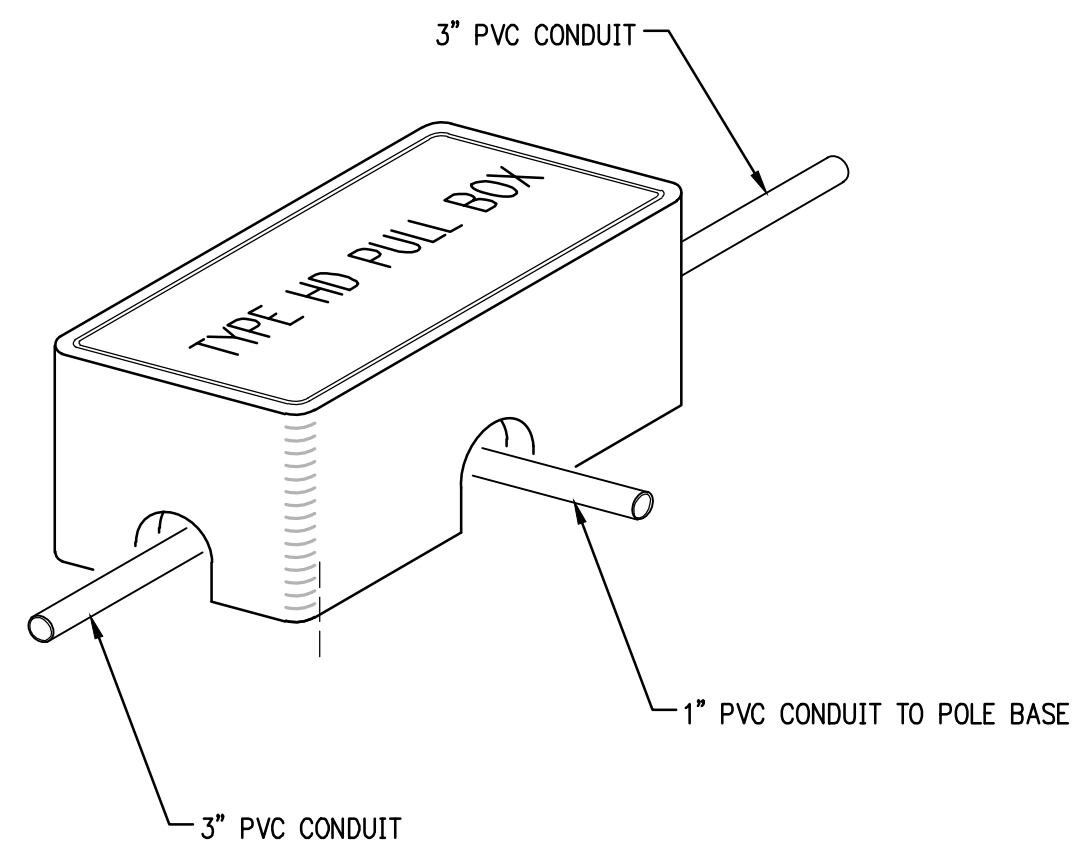
T-3

P1		EXISTING ELECTRICAL PANEL															
EXISTING PANEL P1 NOTES. ADD THREE 20A/2P BREAKERS FOR NEW LIGHTING		AMP RATING	100	PHASE	1	SECTION(S)	1	MIN. AMP INT. CAPACITY	14K								
		MAIN BREAKER		WIRE W/GRD. BAR	3	TYPE		MOUNTING	PAD								
		VOLTS	240 / 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	# & N	EGC					# & 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	5	6	20/2	8	8		2.1	NEW LIGHTS - PINE STREET, 13TH TO 14TH ST.			
	NEW LIGHTS - CEDAR STREET, 12TH STREET			8	8	20/1	9	10	20/1					SPARE			
				8	8	20/2	11	12	20/1					SPARE			
TOTAL LOAD PER PHASE (AMPS)		PHASE A		4.2		TOTAL CONNECTED LOAD (KVA)		2.0		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



ELECTRICAL RISER DIAGRAM
NTS

T-4



TYPE "II" CONCRETE PULL BOX DETAIL
NTS

STREET LIGHT SCHEDULE					
	FIXTURE	LAMP	VOLT	MAST ARM	POLE
A	EATON INVUE ECL E03 LED-480-E1-5WQ-S0-BL-BK-VA6171-BK-0A/RA 1016	LED	480V	PEMCO ROADWAY PLA-908-1-PM-48-BK	PEMCO ROADWAY 5320-RTS/11-BK

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REVISIONS	DATE

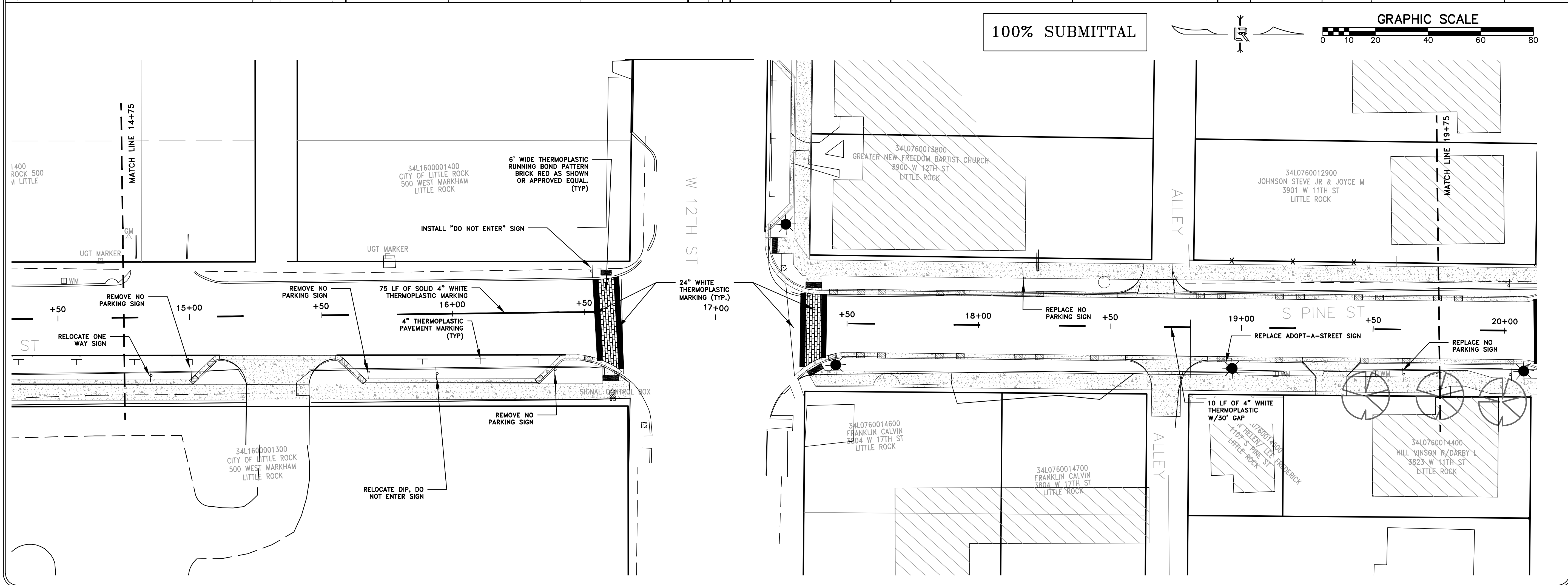
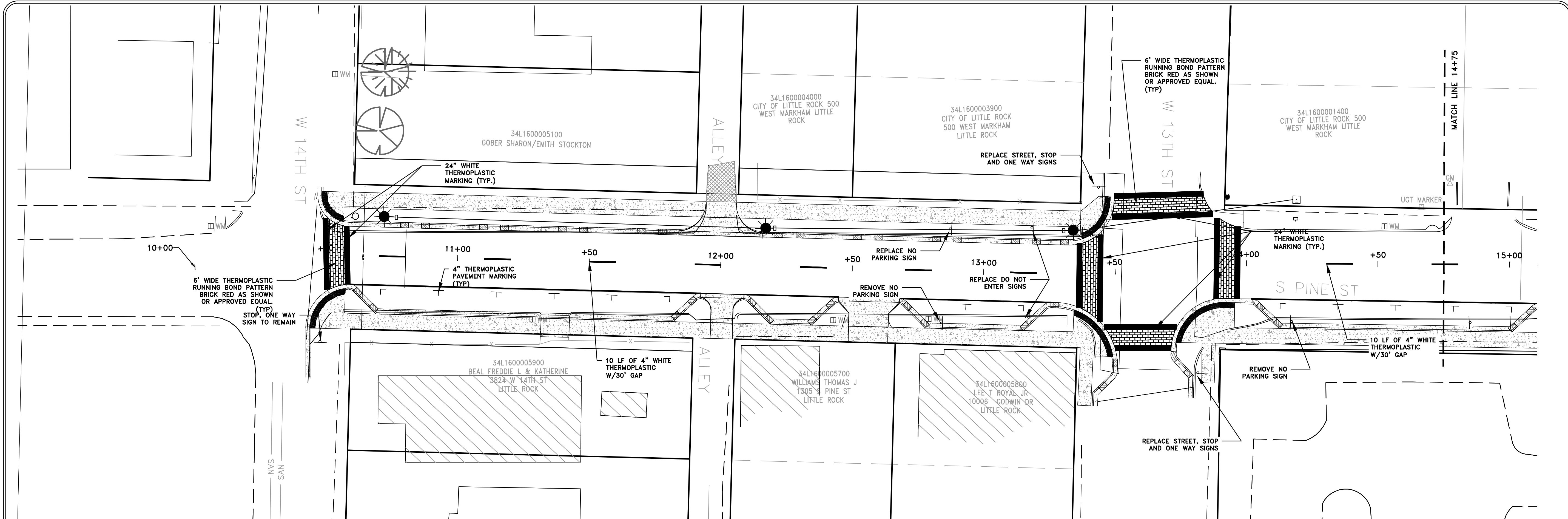
CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
LIGHTING DETAILS & PANEL SCHEDULES

DEPARTMENT OF PUBLIC WORKS
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LITTLE ROCK, ARKANSAS 72201

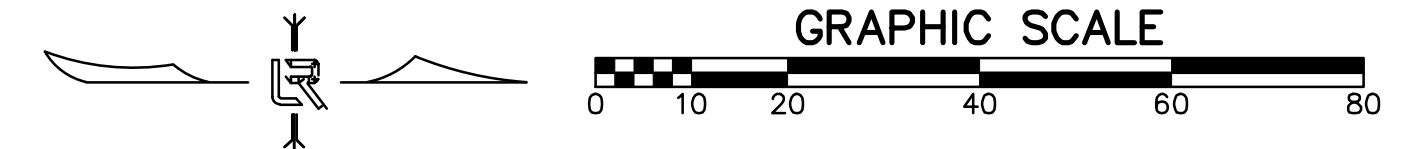


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061552
SHEET NO.
C39



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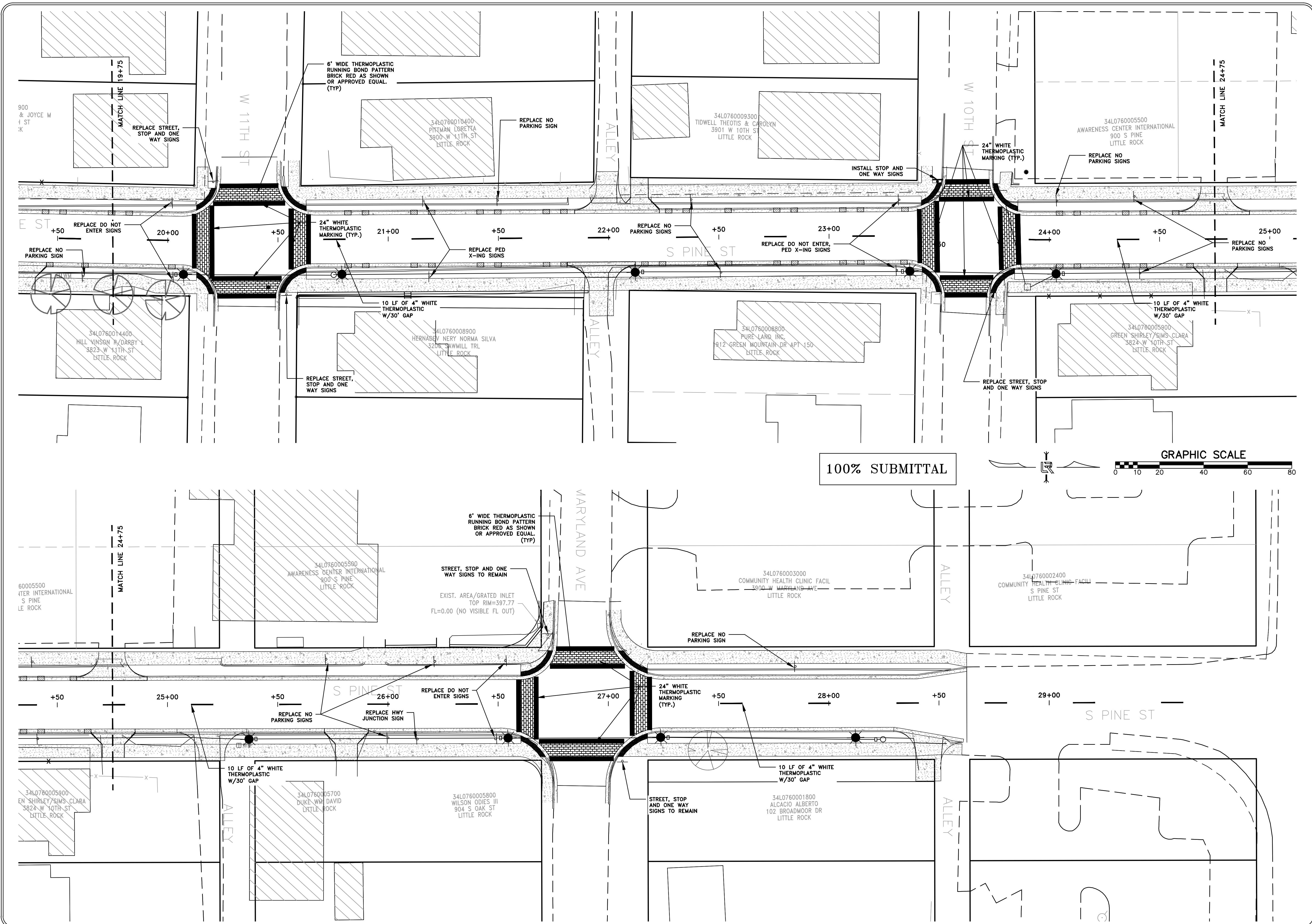
REVISIONS	DATE

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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 SCALE 1" = 20'
 PROJECT NO.
 061552
 SHEET NO.
 C40



REVISIONS	DATE

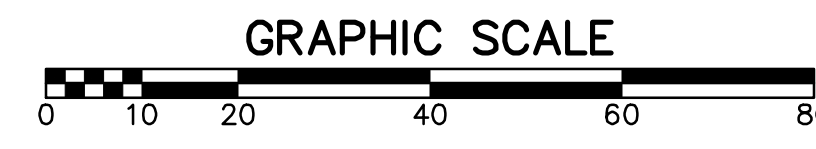
CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
PINE ST. STRIPING & SIGNAGE SHT. 2
 STA 14+50 TO 20+00

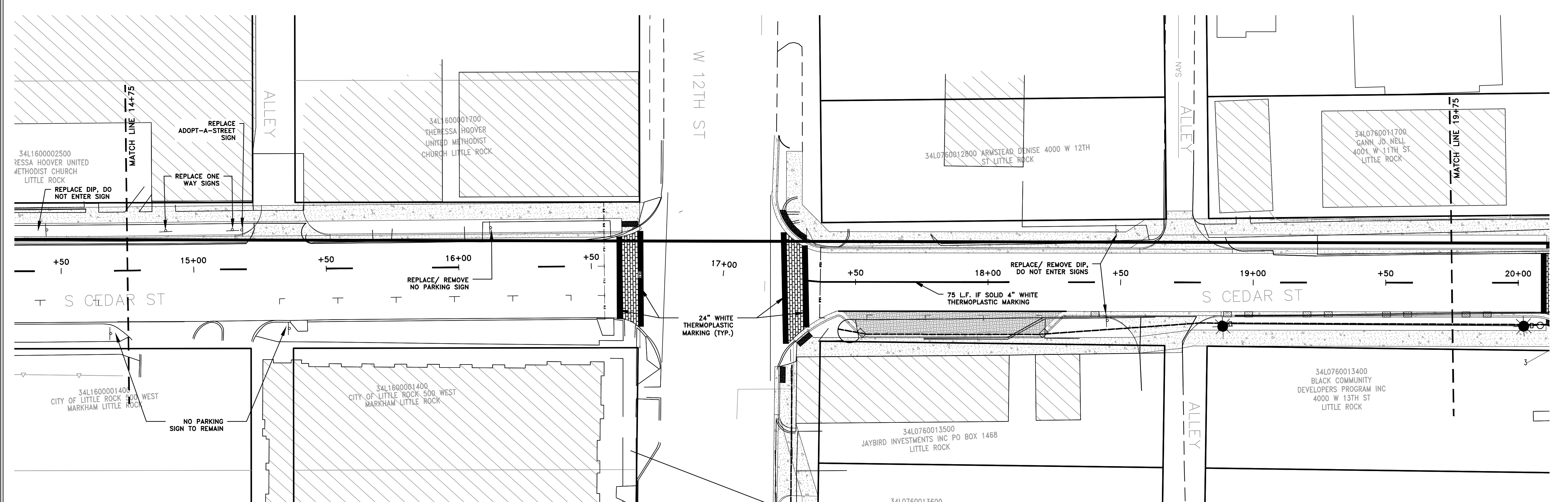
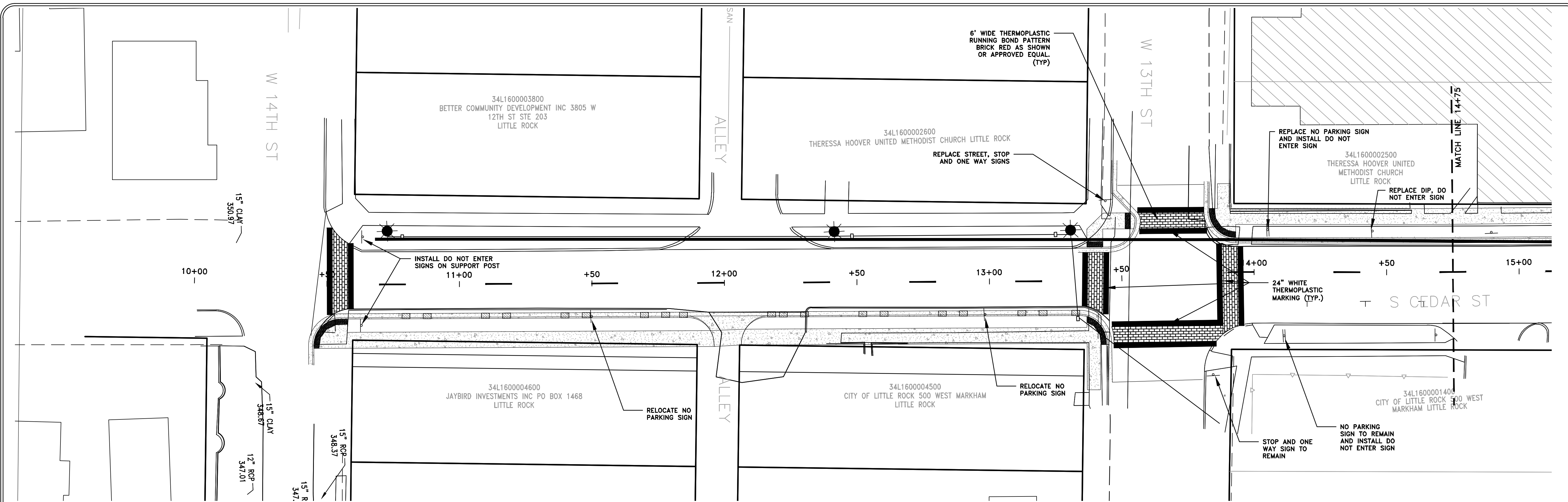
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 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



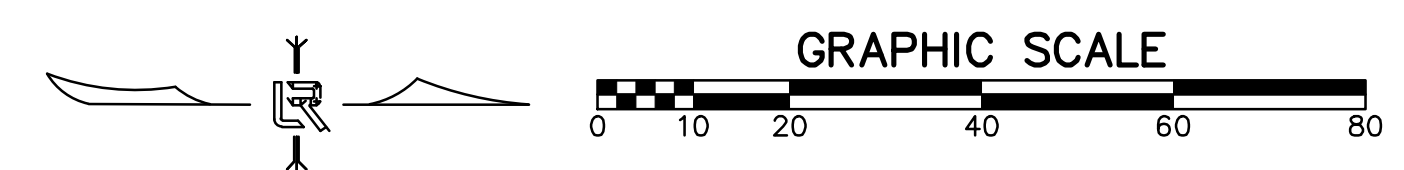
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DATE
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SCALE
 SCALE 1" = 20'
PROJECT NO.
 061552
SHEET NO.
 C41

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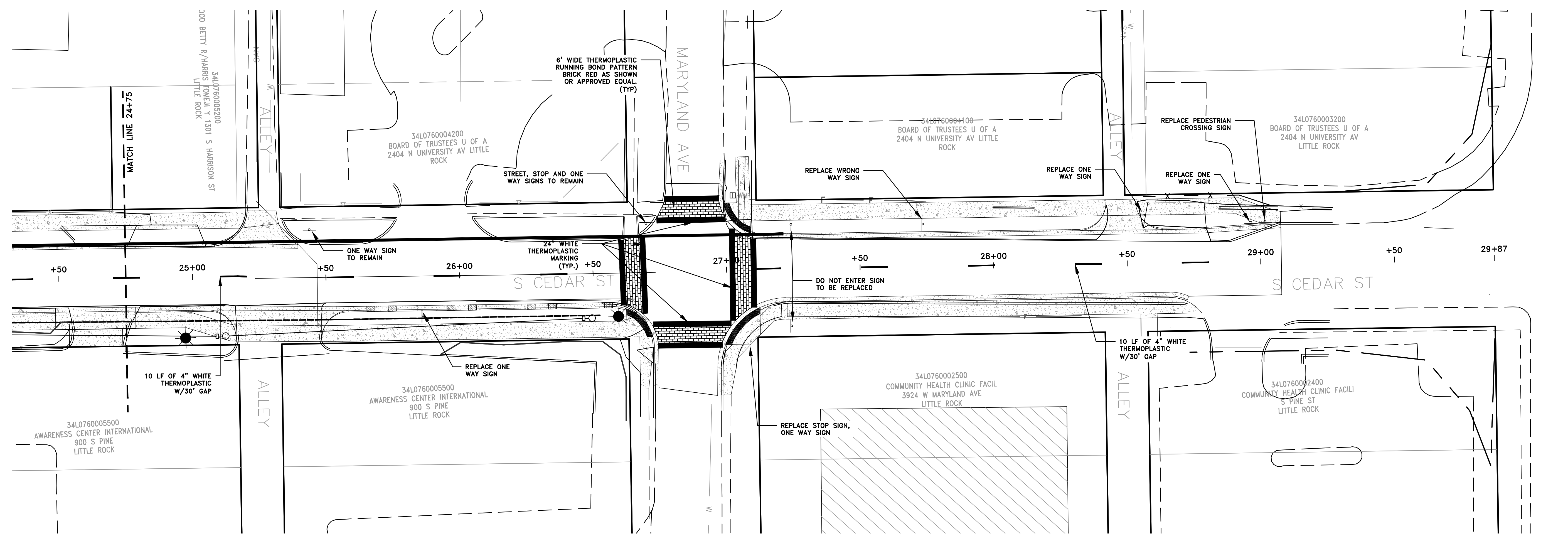
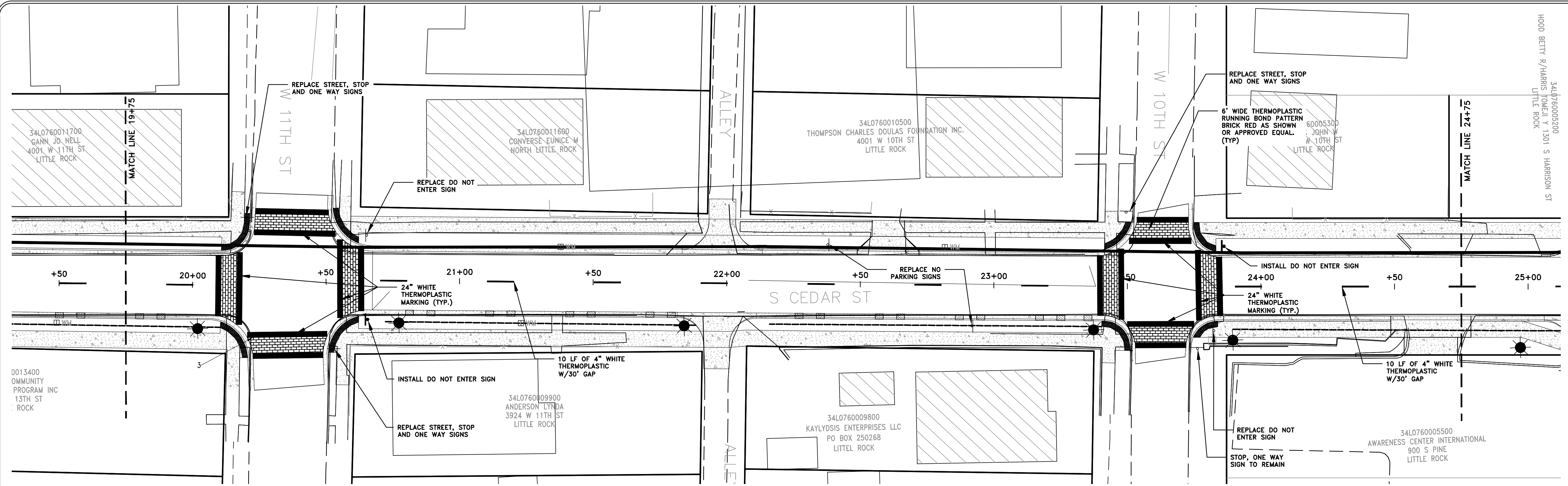
REVISIONS	DATE

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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 SCALE 1" = 20'
 PROJECT NO.
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 SHEET NO.
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REVISIONS	DATE

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

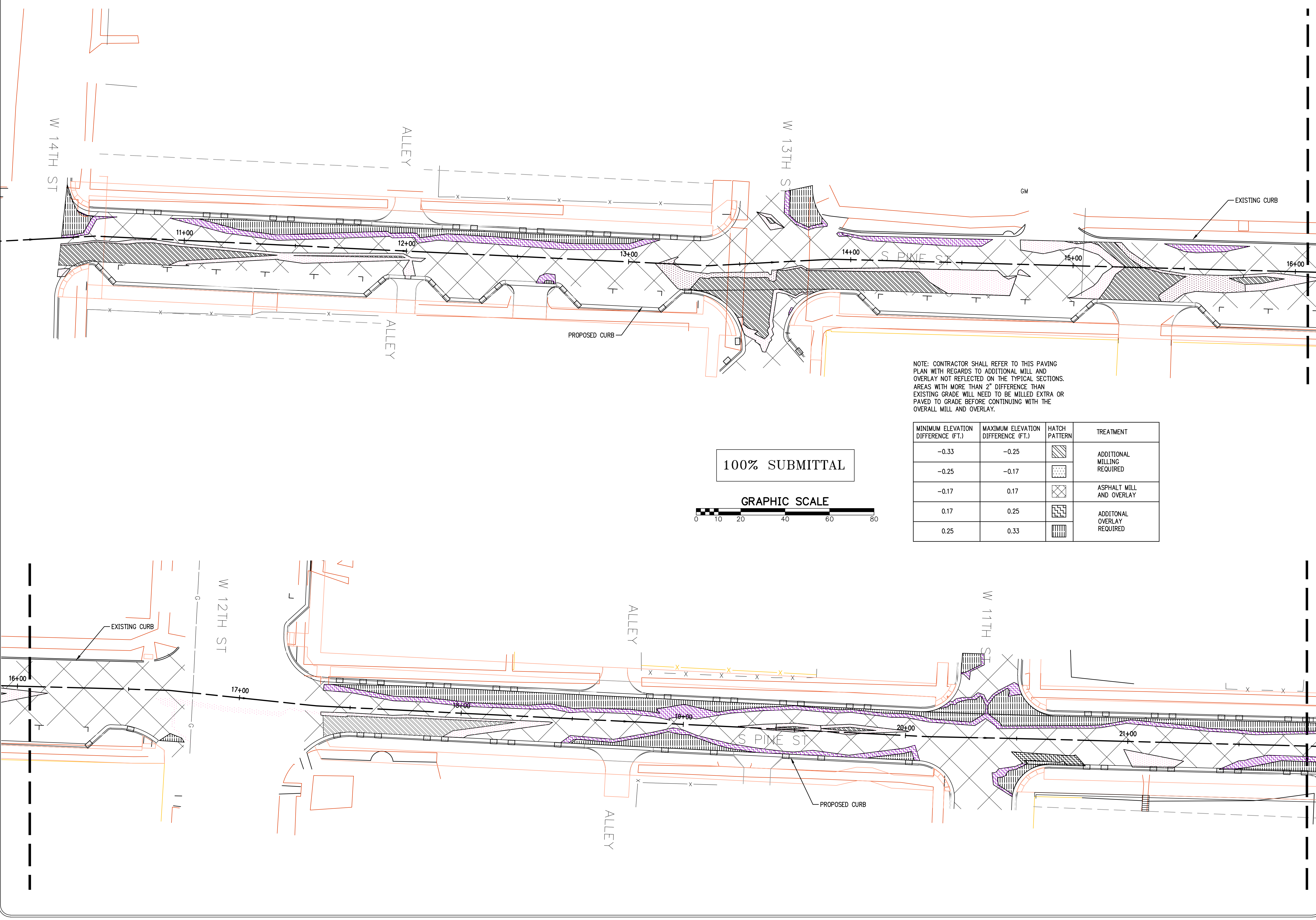
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PROJECT NO.
 061552
SHEET NO.
 C43

REVISIONS	DATE

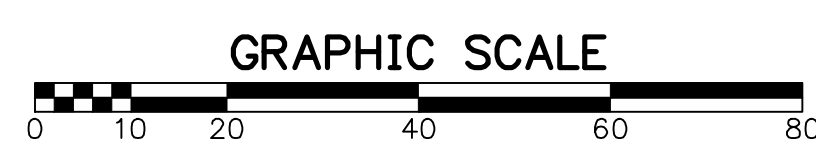
CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
PINE ST. PAVING PLAN SHT. 1
STA 10+00 TO 21+75



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.)	HATCH PATTERN	TREATMENT
-0.33	-0.25	[Diagonal lines /]	ADDITIONAL MILLING REQUIRED
-0.25	-0.17	[Dotted pattern]	ADDITIONAL MILLING REQUIRED
-0.17	0.17	[Cross-hatch pattern]	ASPHALT MILL AND OVERLAY
0.17	0.25	[Grid pattern]	ADDITIONAL OVERLAY REQUIRED
0.25	0.33	[Vertical lines]	ADDITIONAL OVERLAY REQUIRED

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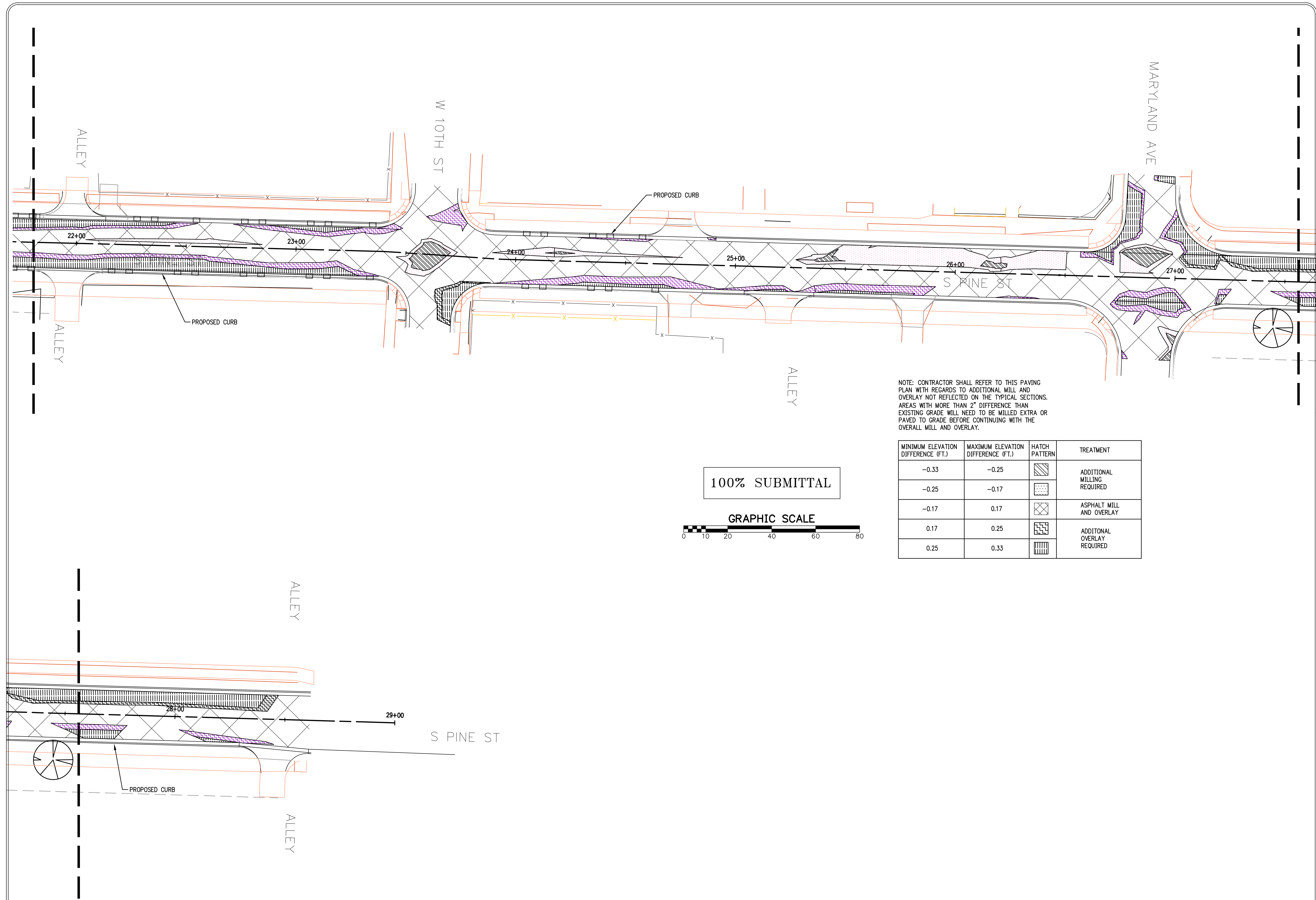


DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 13217
 BRADLEY A. PETERSON
 7/9/19

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 BAP
DATE
 07-09-2019
SCALE
 SCALE 1" = 20'
PROJECT NO.
 061552
SHEET NO.
 C44

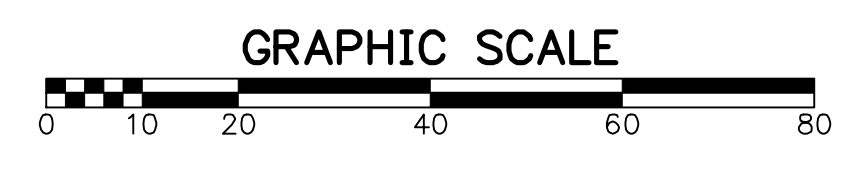
REVISIONS	DATE



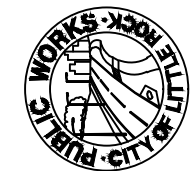
NOTE: CONTRACTOR SHALL REFER TO THIS PAVING PLAN WITH REGARDS TO ADDITIONAL MILL AND OVERLAY NOT REFLECTED ON THE TYPICAL SECTIONS. AREAS WITH MORE THAN 2" DIFFERENCE THAN EXISTING GRADE WILL NEED TO BE MILLED EXTRA OR PAVED TO GRADE BEFORE CONTINUING WITH THE OVERALL MILL AND OVERLAY.

MINIMUM ELEVATION DIFFERENCE (FT.)	MAXIMUM ELEVATION DIFFERENCE (FT.)	HATCH PATTERN	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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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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 SCALE 1" = 20'
 PROJECT NO.
 061552
 SHEET NO.
C45

REVISIONS	DATE

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

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

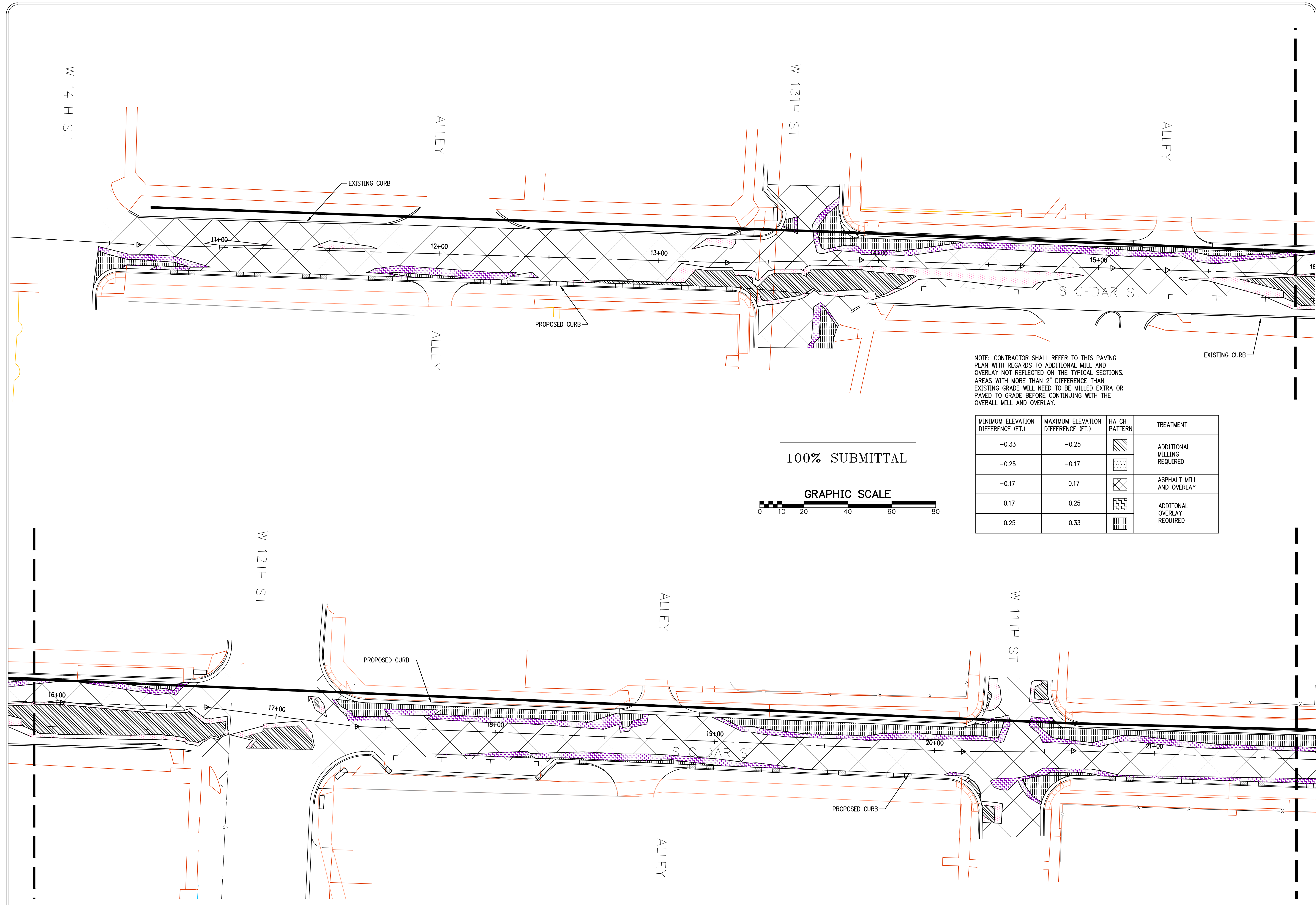


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701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
BRADLEY A. PETERSON
7/9/19

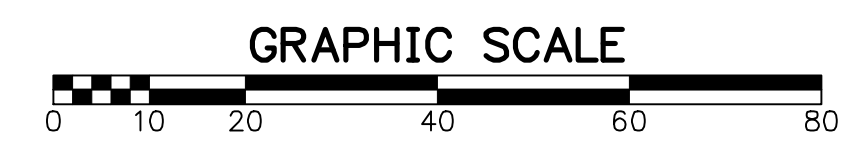
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SCALE	SCALE 1" = 20'
PROJECT NO.	061552
SHEET NO.	C46



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.

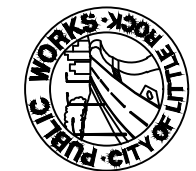
MINIMUM ELEVATION DIFFERENCE (FT.)	MAXIMUM ELEVATION DIFFERENCE (FT.)	HATCH PATTERN	TREATMENT
-0.33	-0.25		ADDITIONAL MILLING REQUIRED
-0.25	-0.17		ADDITIONAL MILLING REQUIRED
-0.17	0.17		ASPHALT MILL AND OVERLAY
0.17	0.25		ADDITIONAL OVERLAY REQUIRED
0.25	0.33		ADDITIONAL OVERLAY REQUIRED

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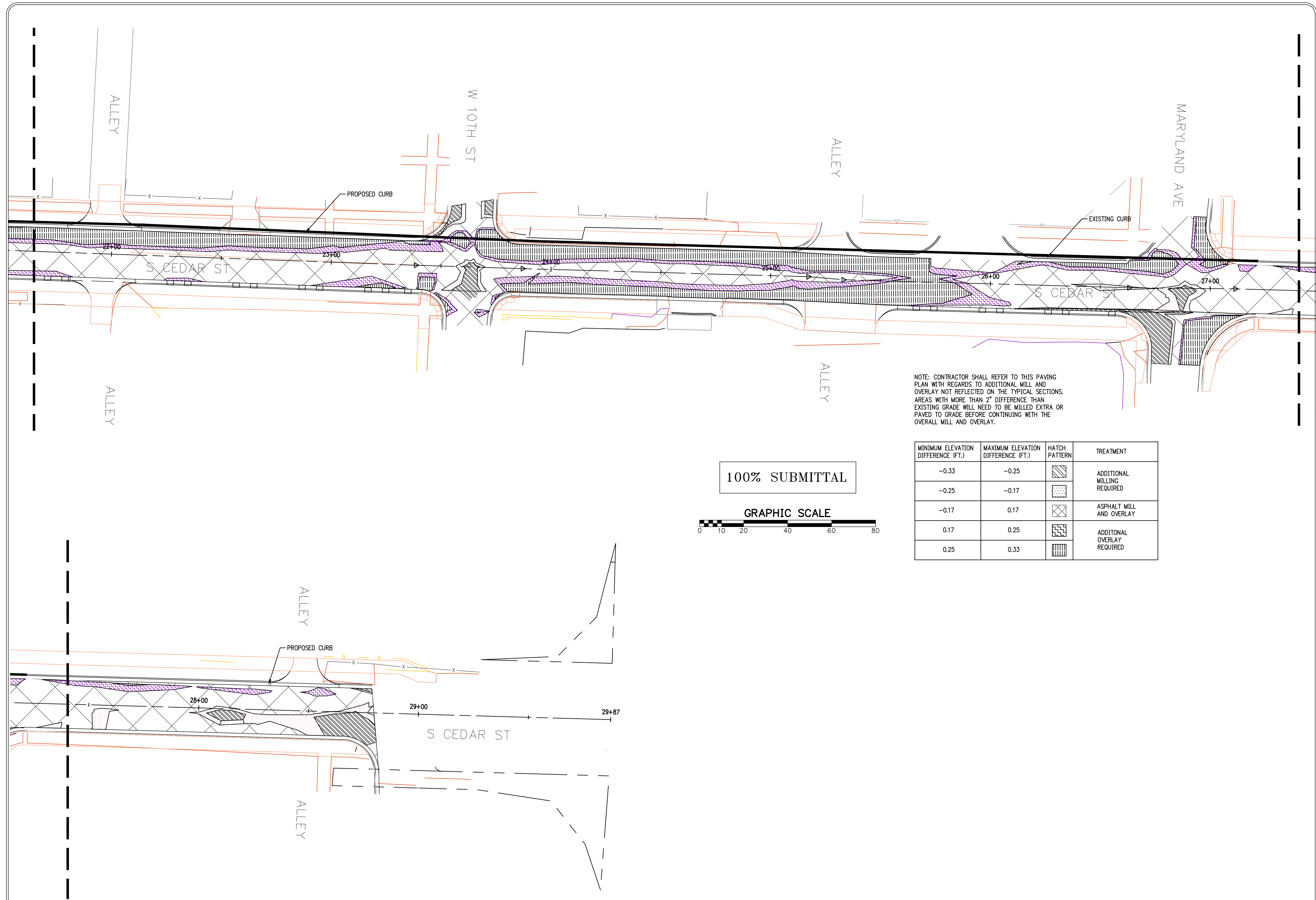
REVISIONS	DATE

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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 STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 13217
 BRADLEY A. PETERSON
 7/9/19

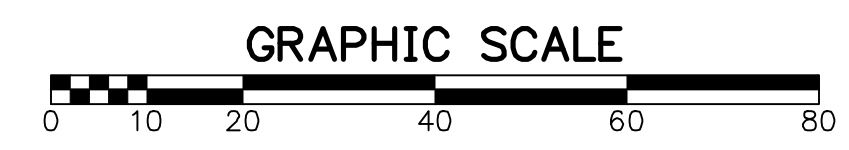
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 PROJECT NO. 061552
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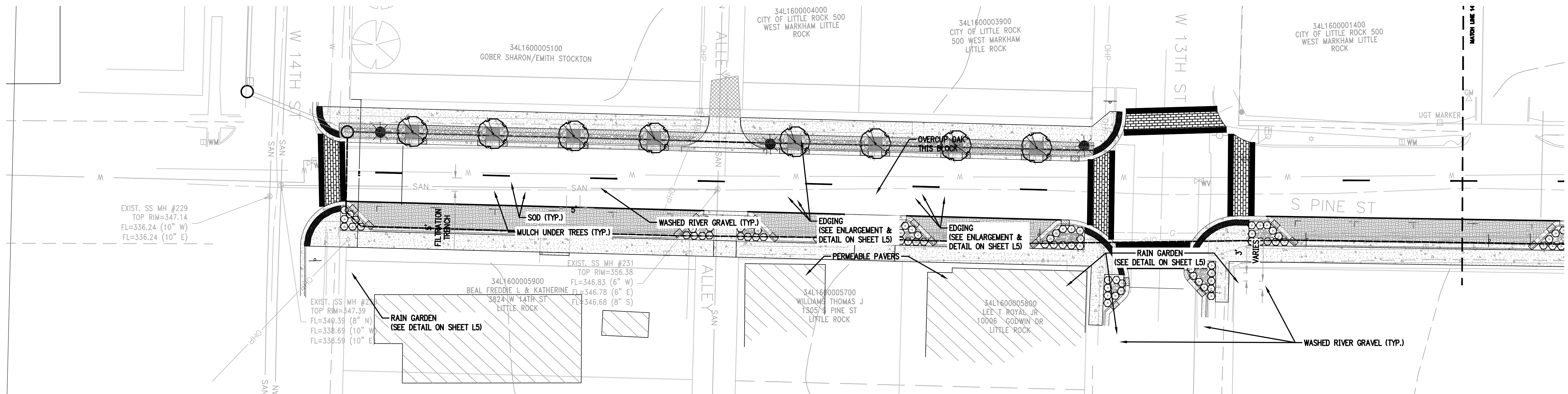


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MINIMUM ELEVATION DIFFERENCE (FT.)	MAXIMUM ELEVATION DIFFERENCE (FT.)	HATCH PATTERN	TREATMENT
-0.33	-0.25		ADDITIONAL MILLING REQUIRED
-0.25	-0.17		ADDITIONAL MILLING REQUIRED
-0.17	0.17		ASPHALT MILL AND OVERLAY
0.17	0.25		ADDITIONAL OVERLAY REQUIRED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

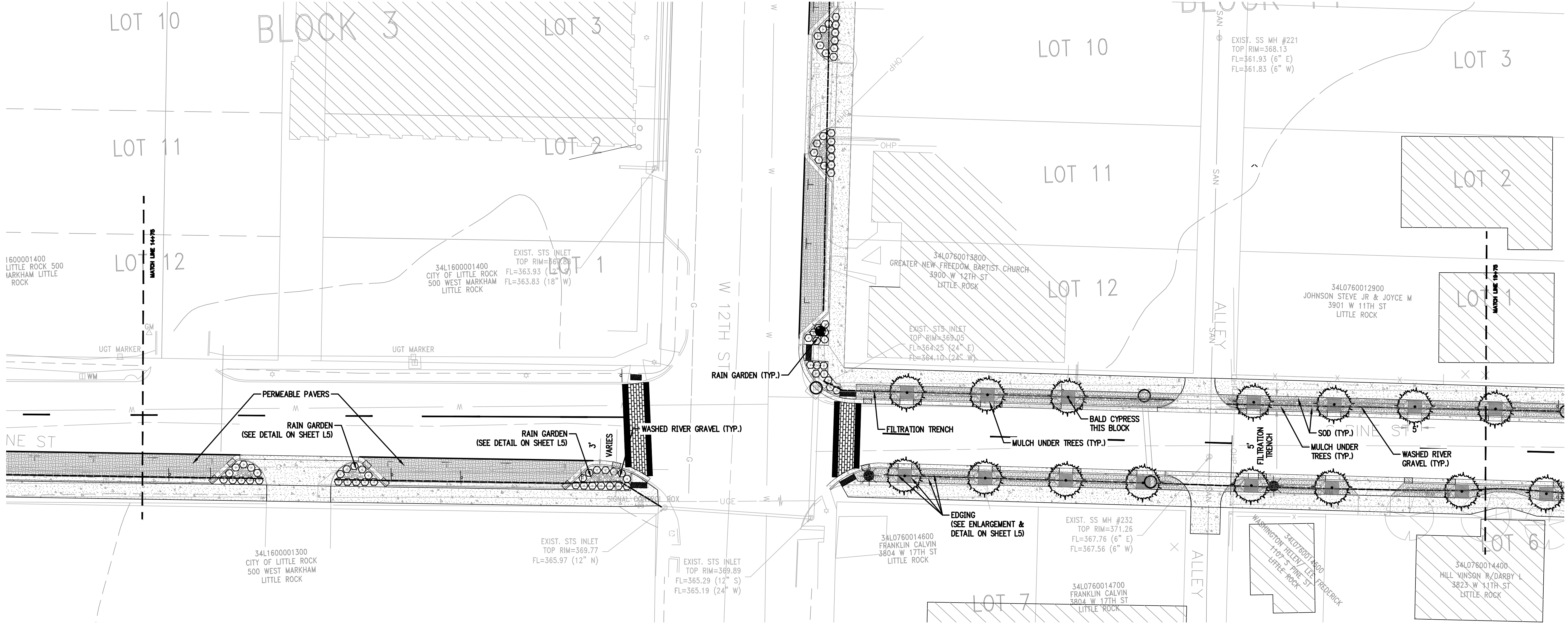
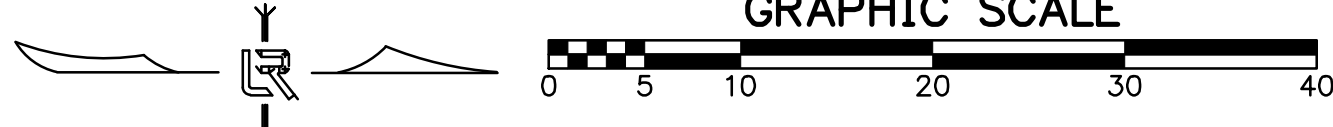
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NOTES:
 1. SEE SHEET L5 FOR PLANT SIZES AND QUANTITIES
 2. SEE SHEET C2 FOR FILTRATION TRENCH AND RAINGARDEN DETAILS

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

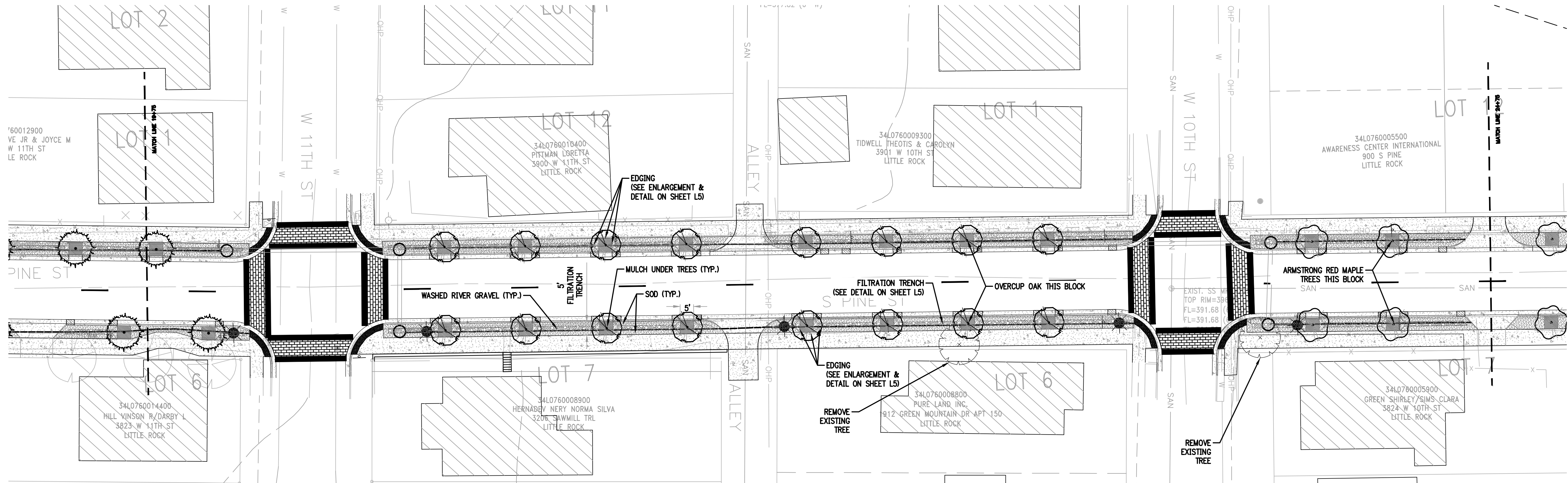
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201



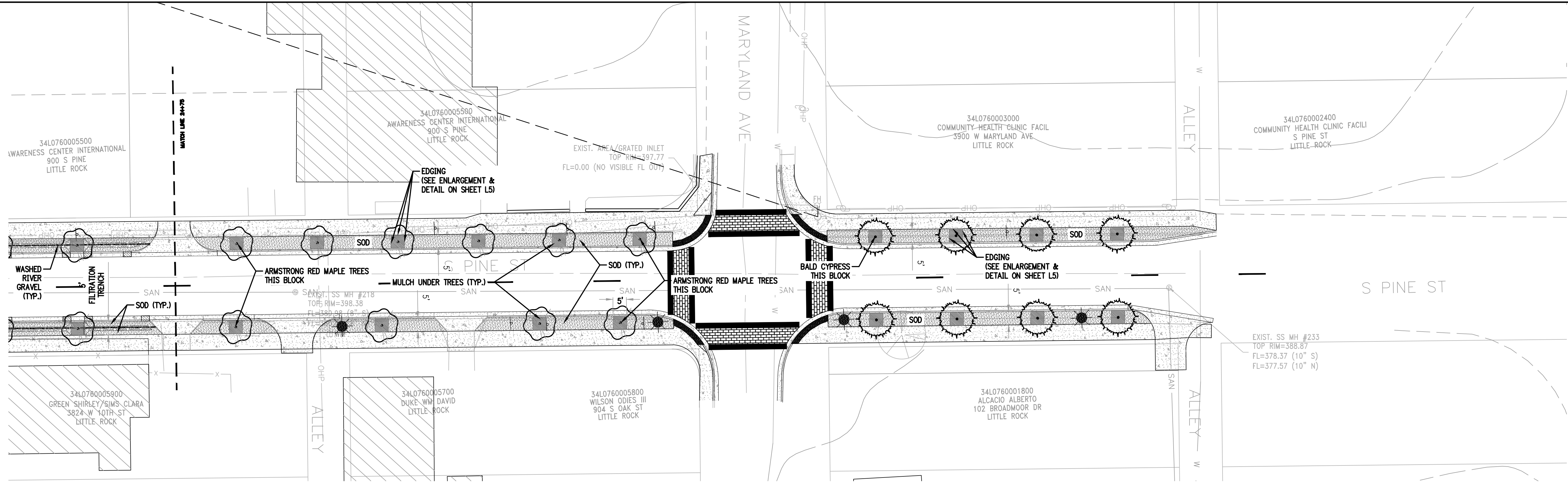
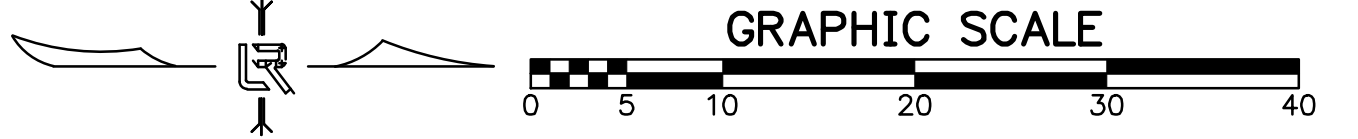
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 SCALE 1" = 20'
PROJECT NO.
 061552
SHEET NO.
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NOTES:
 1. SEE SHEET L5 FOR PLANT SIZES AND QUANTITIES
 2. SEE SHEET C2 FOR FILTRATION TRENCH AND RAINGARDEN DETAILS

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

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

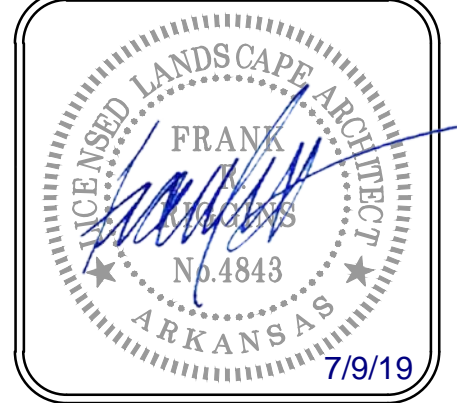


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SCALE
 SCALE 1" = 20'
PROJECT NO.
 061552
SHEET NO.
 L2

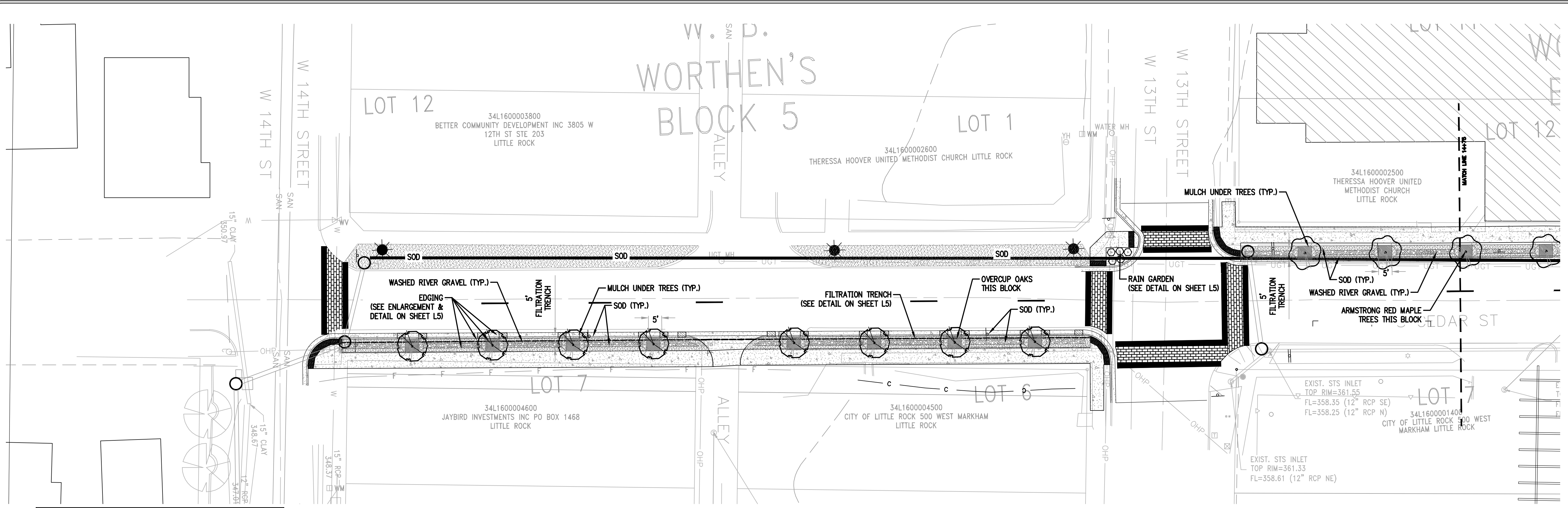
REVISIONS	DATE

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

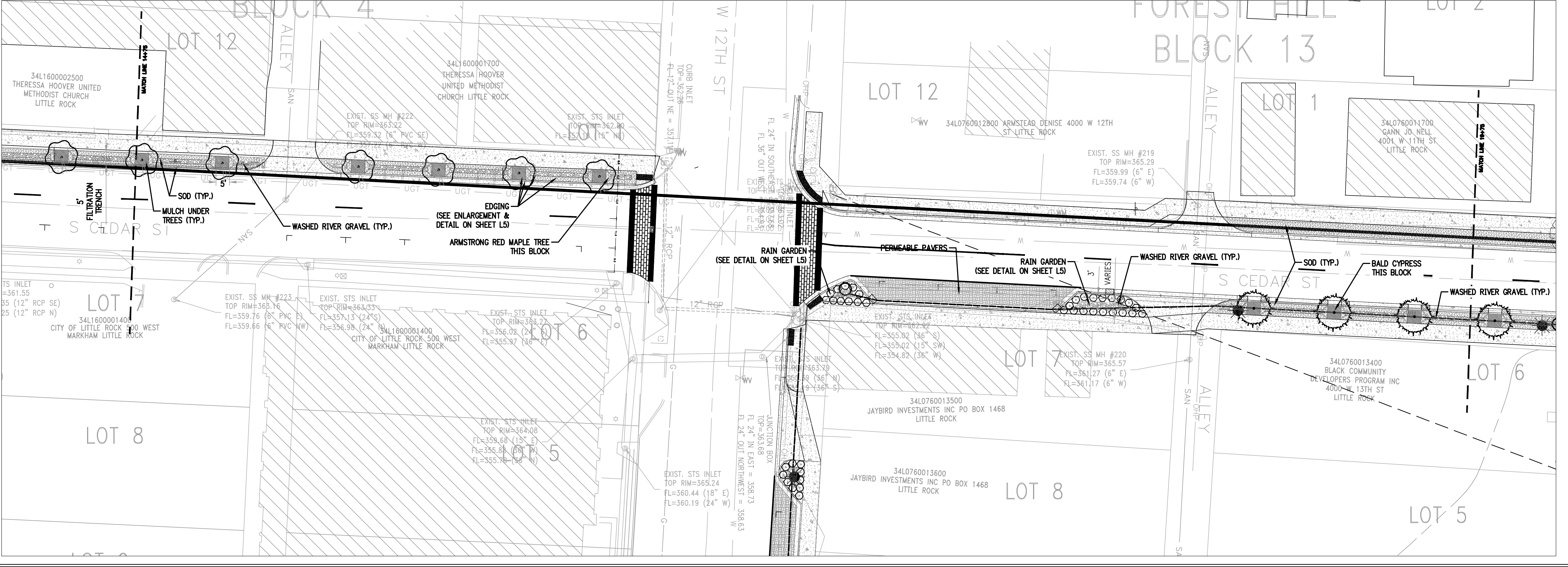
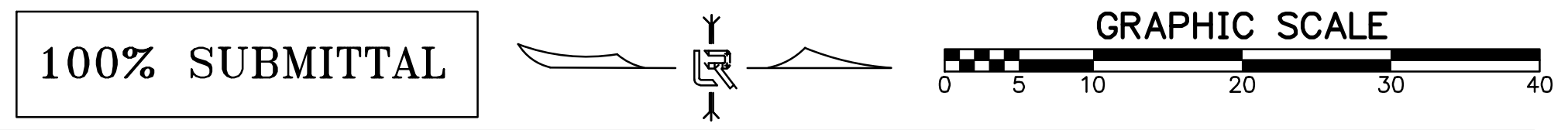
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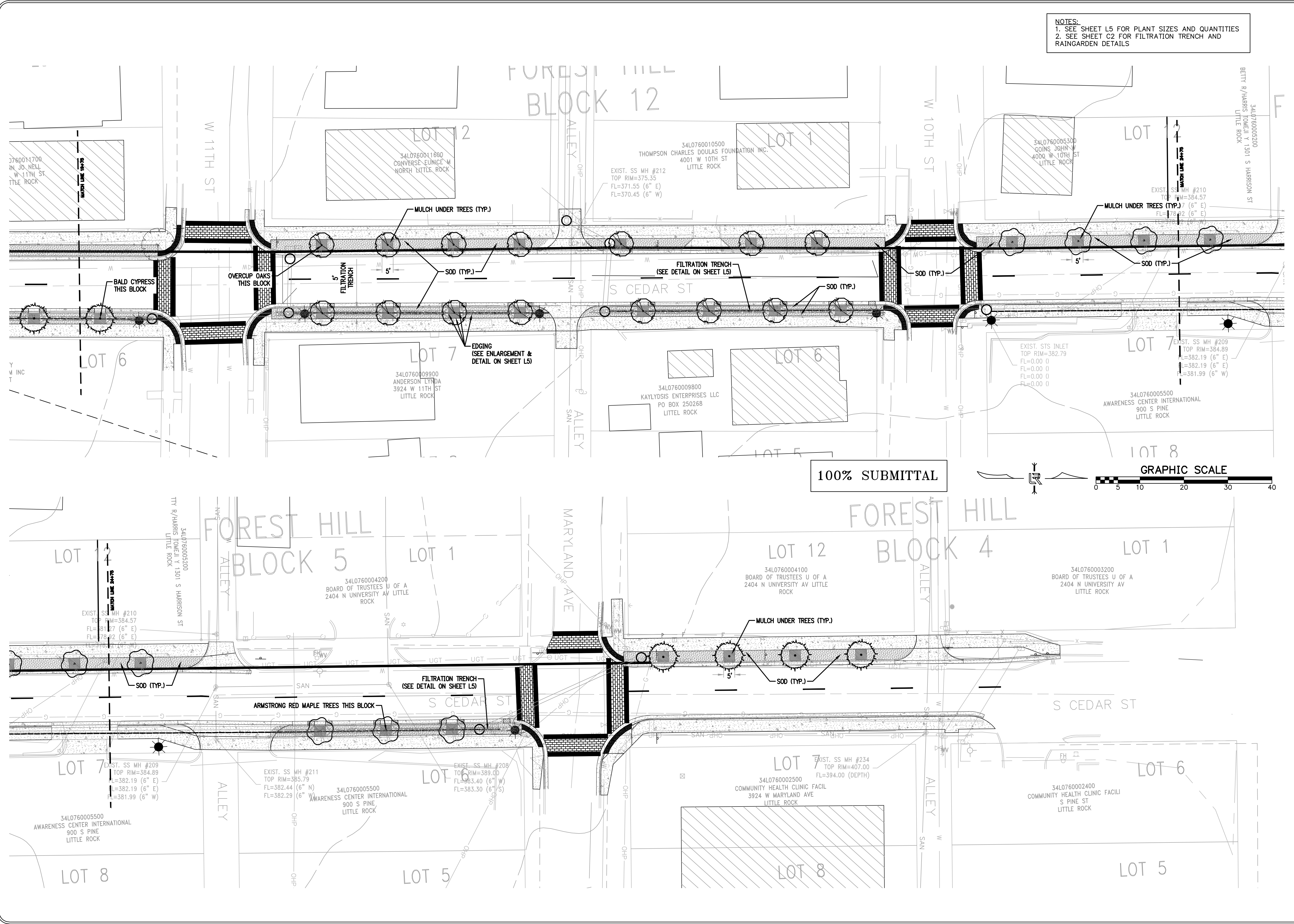


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 SCALE
 SCALE 1" = 20'
 PROJECT NO.
 061552
 SHEET NO.
 L3



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

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

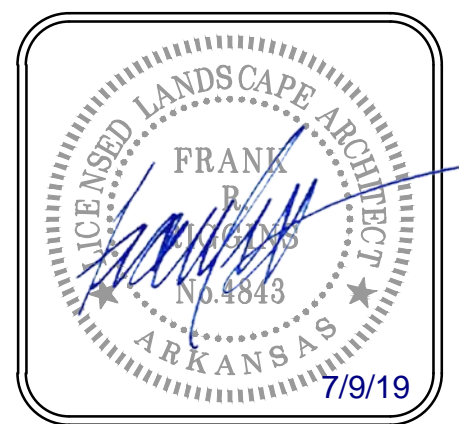


DRAWN BY TH
DESIGNED MGB
CHECKED BAP
DATE 07-09-2019
SCALE SCALE 1" = 20'
PROJECT NO. 061552
SHEET NO. L4

REVISIONS	DATE

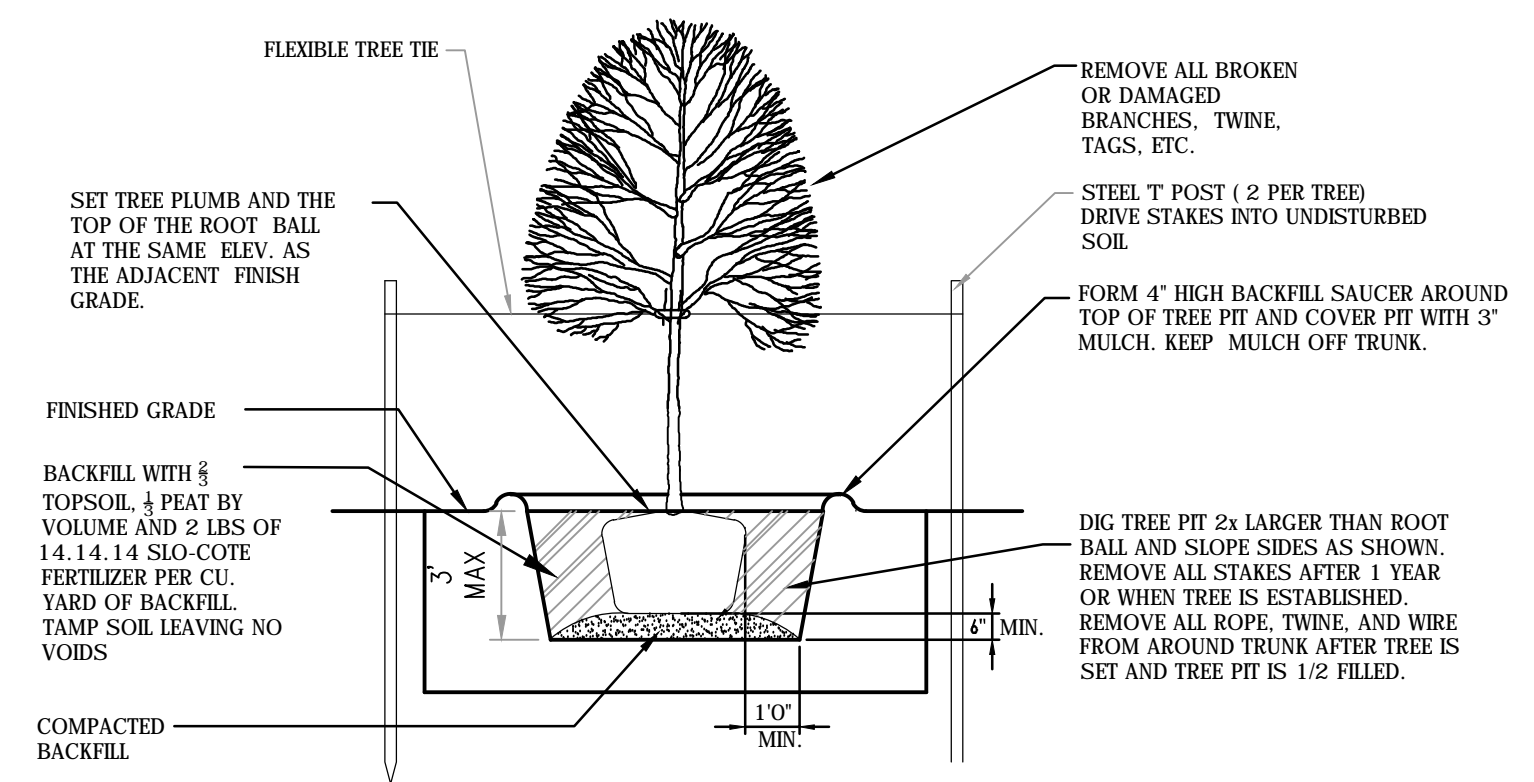
CITY OF LITTLE ROCK, ARKANSAS
12TH STREET JUMP START IMPROVEMENTS
LANDSCAPE DETAILS

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

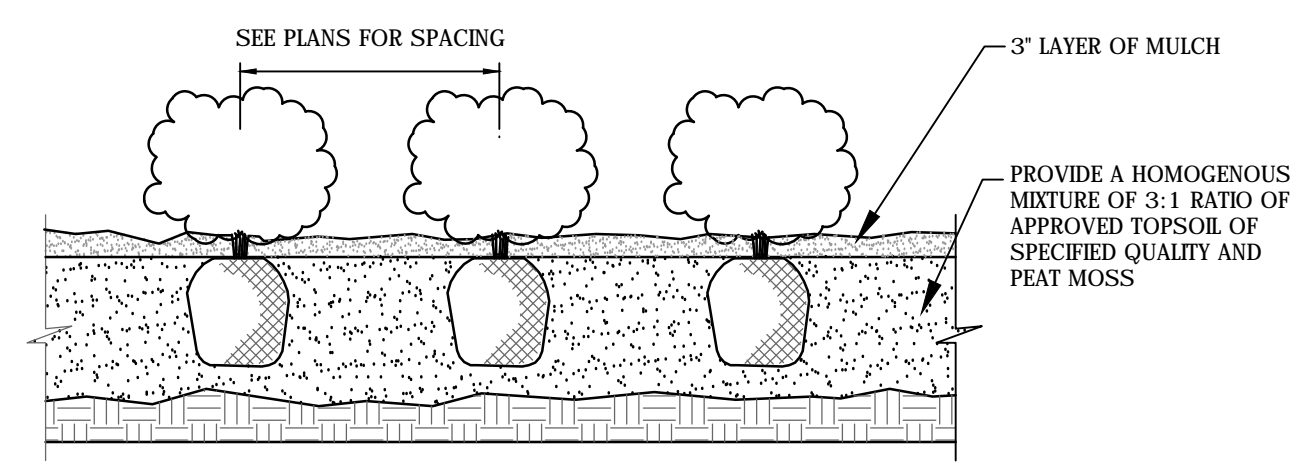


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CHECKED
BAP
DATE
07-09-2019
SCALE

PROJECT NO.
061552
SHEET NO.
L5



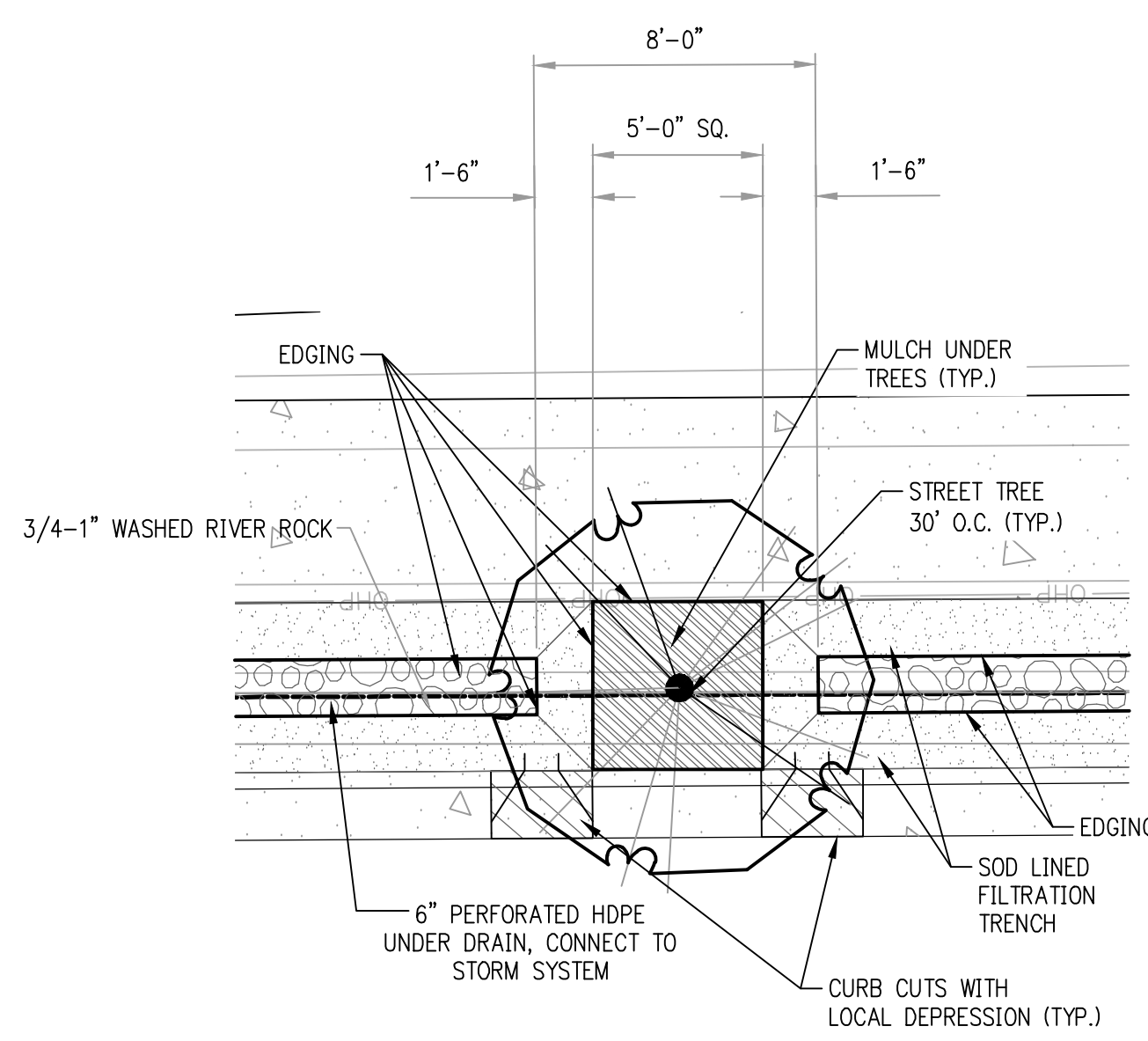
TREE PLANTING DETAIL
 NTS



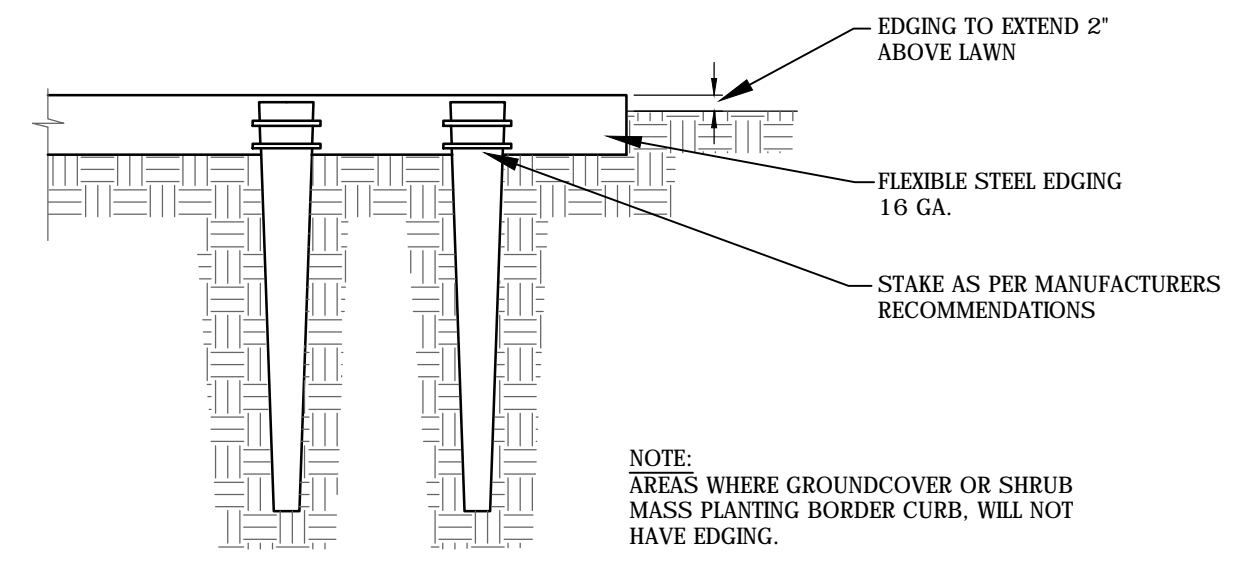
SHRUB PLANTING DETAIL
 NTS

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\"/>



LANDSCAPE PLAN ENLARGEMENT
 NTS



STEEL EDGING DETAIL
 NTS

PLANT SCHEDULE			
TREES	BOTANICAL / COMMON NAME	CONT	QTY
	ACER RUBRUM 'ARMSTRONG' / ARMSTRONG RED MAPLE	2\"/>	

100% SUBMITTAL