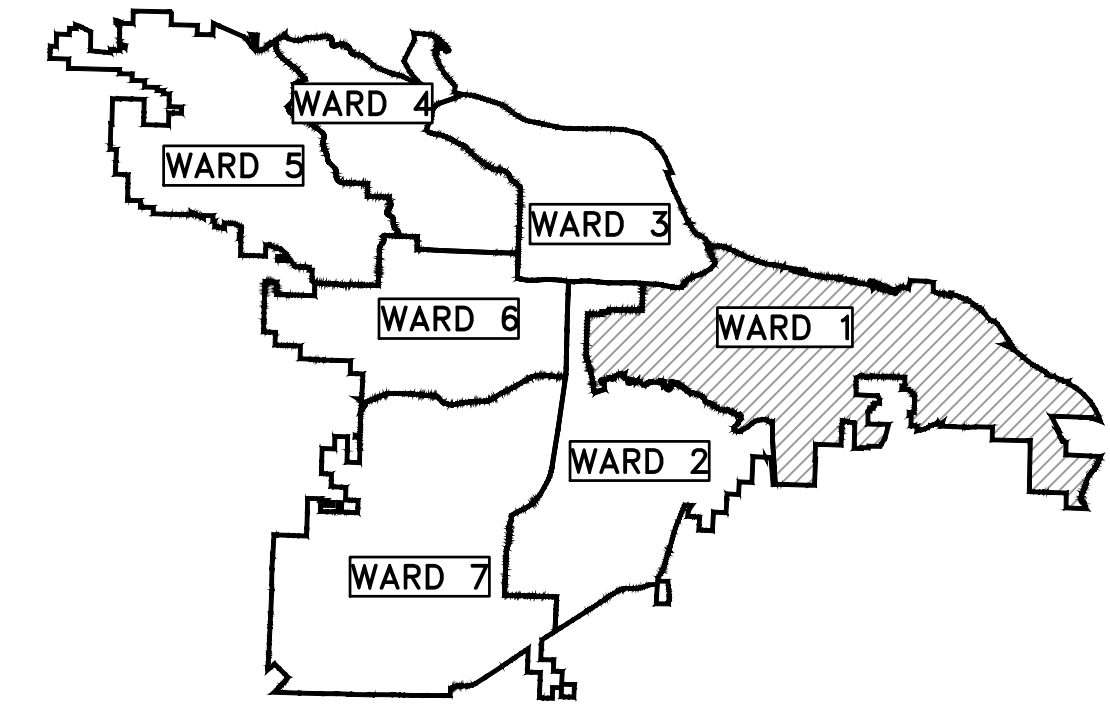


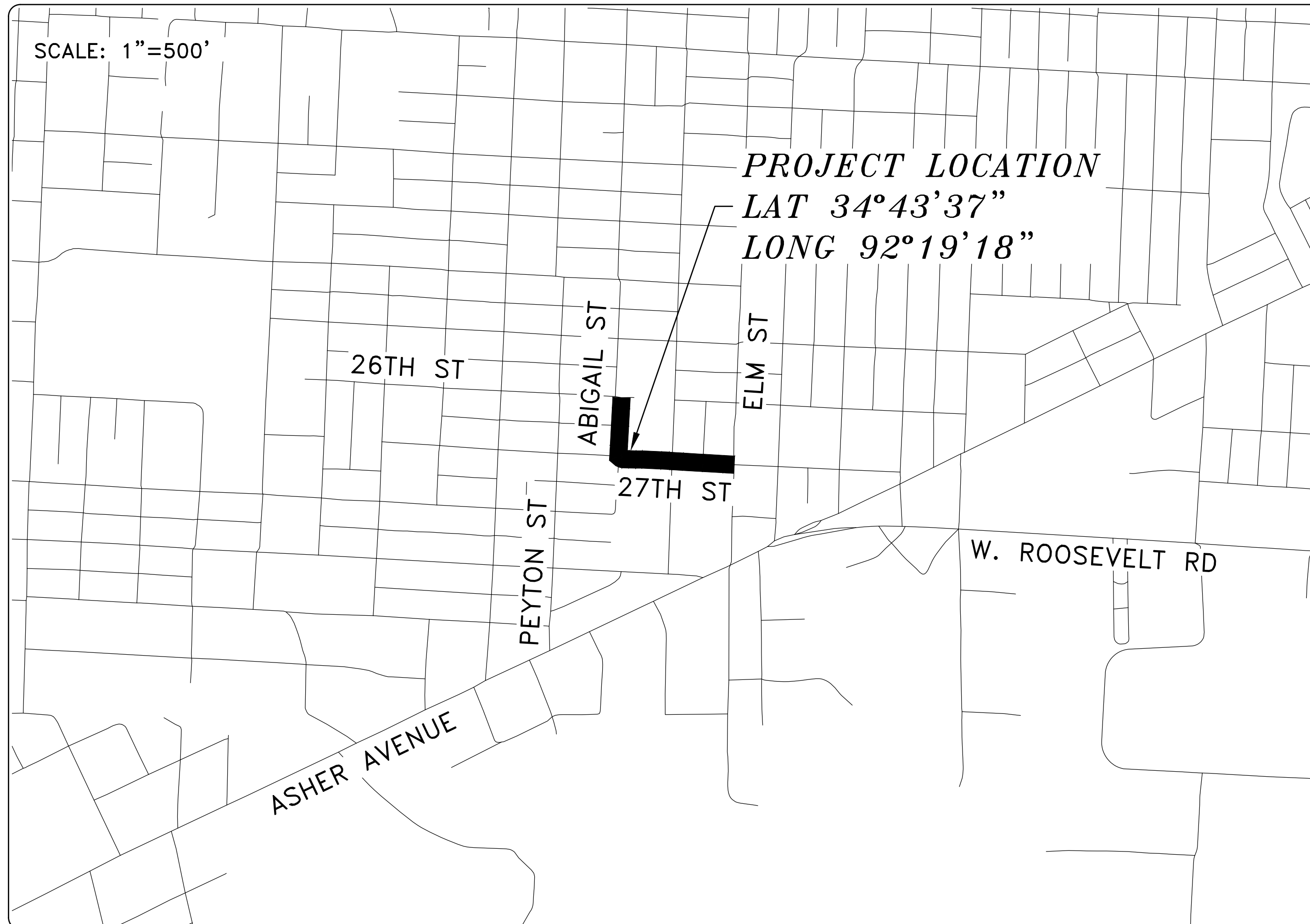
# CLR PROJECT 01-17-ST-47

## MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS

ABIGAIL ST IMPROVEMENTS (26TH TO 27TH)  
 27TH ST IMPROVEMENTS (ABIGAIL TO ELM)  
**60% SUBMITTAL**



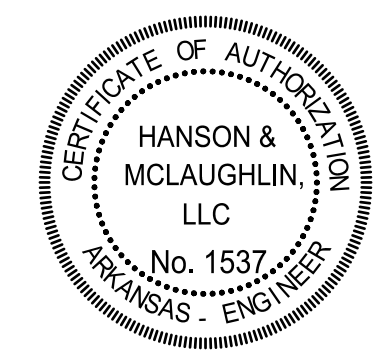
PROJECT LOCATION - WARD 1



**2019-2021**  
**BOND PROGRAM**

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

SHEET NO.	TITLE
C1	COVER SHEET
C2	LEGEND AND QUANTITIES
C3-C4	TYPICAL SECTIONS
C5	SPECIAL DETAILS
C6-C7	PLAN AND PROFILE 27TH STREET
C8	PLAN AND PROFILE ABIGAIL STREET
C9-C10	DRIVEWAY PLANS
C11-C13	CROSS SECTIONS 27TH STREET
C14-C15	CROSS SECTIONS ABIGAIL STREET
C16	CENTERLINE FIELD TIES/LAYOUT
C17	EROSION CONTROL PHASE 1
C18	EROSION CONTROL PHASE 2
C19	EROSION CONTROL PHASE 3



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
 MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
 COVER SHEET

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



**HANSON & MCLAUGHLIN, LLC**  
 320 EXECUTIVE COURT, SUITE 202  
 LITTLE ROCK, ARKANSAS 72205  
 (501) 716-2850

DRAWN BY	KMH
DESIGNED	KMH
CHECKED	FJS
DATE	7-22-19
SCALE	N.T.S.
PROJECT NO.	01-17-ST-47
SHEET NO.	C1

CLR PROJECT 01-17-ST-47  
MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
JULY 22, 2019

ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
2.01	Site Preparation (Incl. Mobilization)	LS	1
3.01	Unclassified Excavation	CY	1,128
3.06	Borrow Material	CY	658
3.40	Topsoil	CY	317
4.01	Aggregate Base Course	TON	644
5.01	Tack Coat	GAL	51
6.01	ACHM Surface Course	TON	411
7.04	Concrete Driveway (6" Thick), Standard Finish	SF	2,129
7.08	Alley Turnout (8" Thick)	SF	677
8.03	Concrete Curb and Gutter (Class 3)	LF	1,710
9.03	Pedestrian Bridge	LS	1
9.04	Concrete Sidewalk (4" Thick)	SF	3,883
10.04	Curb Inlet - 4' Box	EA	10
10.07	Wing 3' Extension	EA	13
10.80	Rebuild Inlet Top	EA	2
13.61	Tie Into Existing Junction Box	EA	3
13.63	Concrete Plug on Existing Storm Drain	EA	3
13.24C	Storm Drain Pipes, 24" Side Drain	LF	256
13.21C	Storm Drain Pipes, 21" Cross Drain	LF	76
13.18C	Storm Drain Pipes, 18" Cross Drain	LF	86
13.18C	Storm Drain Pipes, 18" Side Drain	LF	275
14.01	Solid Sodding (Bermuda)	SY	2,850
16.01	Maintenance of Traffic	LS	1
18.50	Access Ramp	SF	457
18.55	Water for Dust Control	GAL	10,000
19.01	Final Clean-Up	LS	1
22.10	Mailbox Relocation	EA	1
23.01	B Stone	TON	100
24.01	Construction Entrance (CO)	EA	6
24.02	Check Dam (CD)	CY	20
24.06	Sediment Barrier, Silt Fence (SD1)	EA	13
24.09	Sediment Barrier, Block (SD4)	EA	13
24.11	Silt Fence - Type A (SFA)	LF	1,771
24.18	Disturbed Area Stabilization - Permanent Grassing (TS3)	AC	1
25.04	Fence Chain Link (4')	LF	332
25.44	Fence Gate, Chain Link Double Swing (4')	LF	8
25.46	Fence Gate, Chain Link Double Swing (6')	LF	24
25.48	Fence Gate, Chain Link Double Swing (8')	LF	16
26.10	Trench & Excavation Safety	LS	1
27.10	Cold Milling Asphalt Pavement	SY	191

EXISTING	PROPOSED
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	—
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	— X — X —
OVERHEAD UTILITY	— OHP — OHP —
UNDERGROUND TELEPHONE	— UGT — UGT — UGT —
UNDERGROUND ELECTRIC	— UGE — UGE — UGE —
WATER LINE	— 8"W — 8"W — 8"W —
SEWER LINE	— SAN —
GAS LINE	— GAS — GAS — GAS —
STORM SEWER/CULVERT	— 24" CMP/RCP/DIP —
CONTOUR LINE	— 650 —

CONTOUR	25
SPOT ELEVATION	25.00
SPOT CURB ELEVATION	25.50
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	—
GRADE BREAK LINE	—
HIGH POINT	HP
LOW POINT	LP
CUT LINE	C
FILL LINE	F
SANITARY SEWER PIPE	—
SANITARY SEWER MANHOLE	⊕
CURB	—
CONCRETE	—
CONSTRUCTION - ENTRANCE/EXIT	CO
CHECK DAM	CD
DIVERSION BERM	DI
DOWNDRAIN STRUCTURE - TEMPORARY	DN
ROCK DAM	RD
SEDIMENT BARRIER - SILT FENCE	SD1
SEDIMENT BARRIER - GRAVEL RING	SD2
SEDIMENT BARRIER - BLOCK & GRAVEL	SD3
SEDIMENT BARRIER - BLOCK	SD4
TEMPORARY SEDIMENT BASIN	SBI
SILT FENCE - TYPE A	SFA
SILT FENCE - TYPE B	SFB
SILT FENCE - TYPE C	SFC
STORM DRAIN OUTLET PROTECTION	ST
SURFACE ROUGHENING	SU
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	TS1
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	TS2
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	TS3
MATTING/BLANKETS	Mb

REVISIONS	DATE

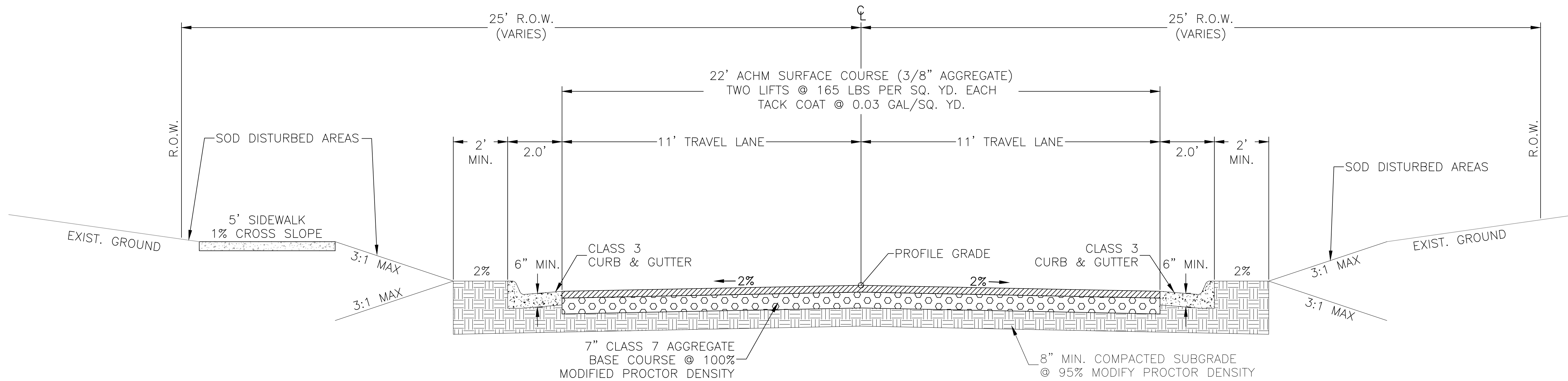
CITY OF LITTLE ROCK, ARKANSAS  
MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
LEGEND AND QUANTITIES

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



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KMH  
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DATE  
7-22-19  
SCALE  
N.T.S.  
PROJECT NO.  
01-17-ST-47  
SHEET NO.  
C2

REVISIONS	DATE

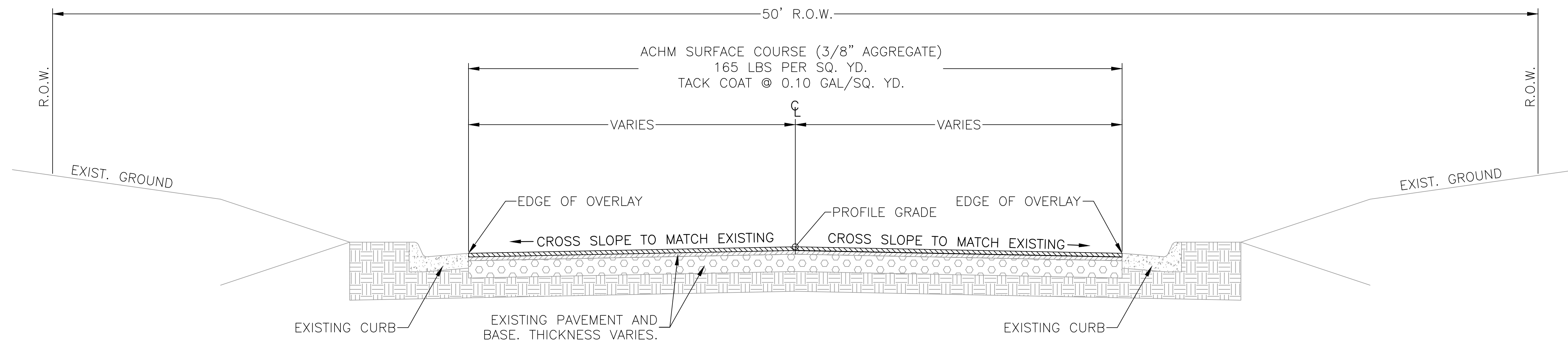


## RECONSTRUCTION SECTION

27TH ST. STA 10+11 TO STA 11+34  
 27TH ST. STA 11+59 TO STA 16+12

### NOTES:

1. REMOVE EXISTING PAVEMENT.
2. UNDERCUT EXISTING SUBGRADE TO 24" BELOW DESIGN SUBGRADE.
3. BACKFILL WITH APPROVED BORROW IN 8" MAXIMUM LIFTS COMPACTED TO 95% MODIFIED PROCTOR.
4. CONSTRUCT NEW STREET IN ACCORDANCE WITH STANDARD DETAIL PW-22.
5. TRANSITION LANE CROSS SLOPE TO MATCH EXISTING CURBS FOR 50' UNLESS STATED OTHERWISE.



## MILL AND OVERLAY SECTION

27TH ST. STA 16+12 TO STA 16+40  
 ABIGAIL ST. STA 23+55 TO STA 23+62

CITY OF LITTLE ROCK, ARKANSAS  
 MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
 TYPICAL SECTIONS

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

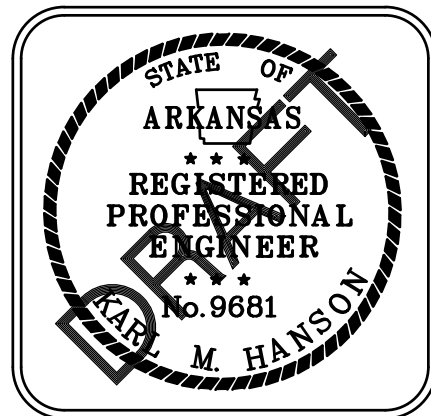


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 PROJECT NO.  
 01-17-ST-47  
 SHEET NO.  
 C3

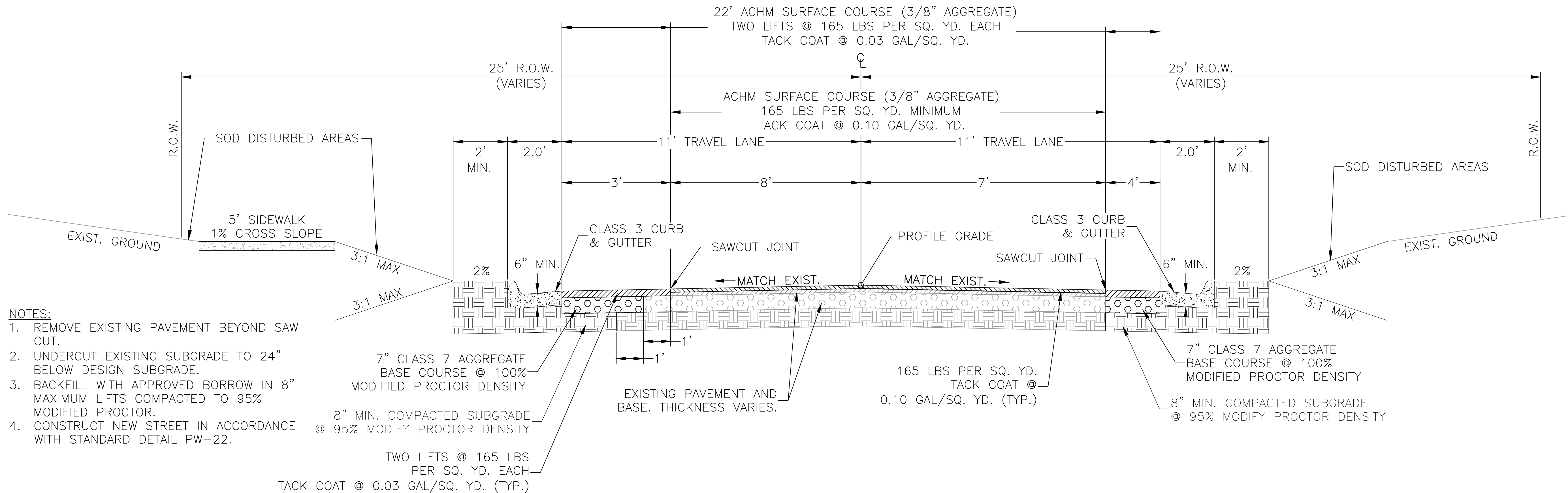
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
TYPICAL SECTIONS

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



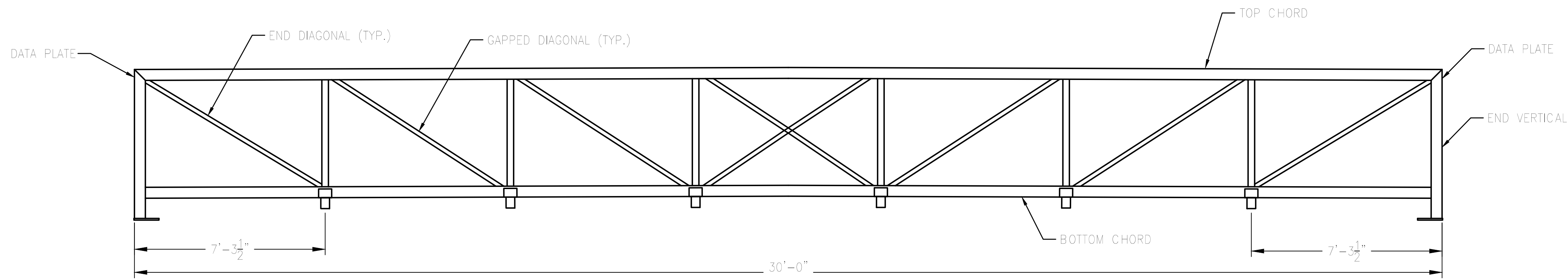
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DATE  
**7-22-19**  
SCALE  
**N.T.S.**  
PROJECT NO.  
**01-17-ST-47**  
SHEET NO.  
**C4**



- NOTES:
1. REMOVE EXISTING PAVEMENT BEYOND SAW CUT.
  2. UNDERCUT EXISTING SUBGRADE TO 24" BELOW DESIGN SUBGRADE.
  3. BACKFILL WITH APPROVED BORROW IN 8" MAXIMUM LIFTS COMPACTED TO 95% MODIFIED PROCTOR.
  4. CONSTRUCT NEW STREET IN ACCORDANCE WITH STANDARD DETAIL PW-22.

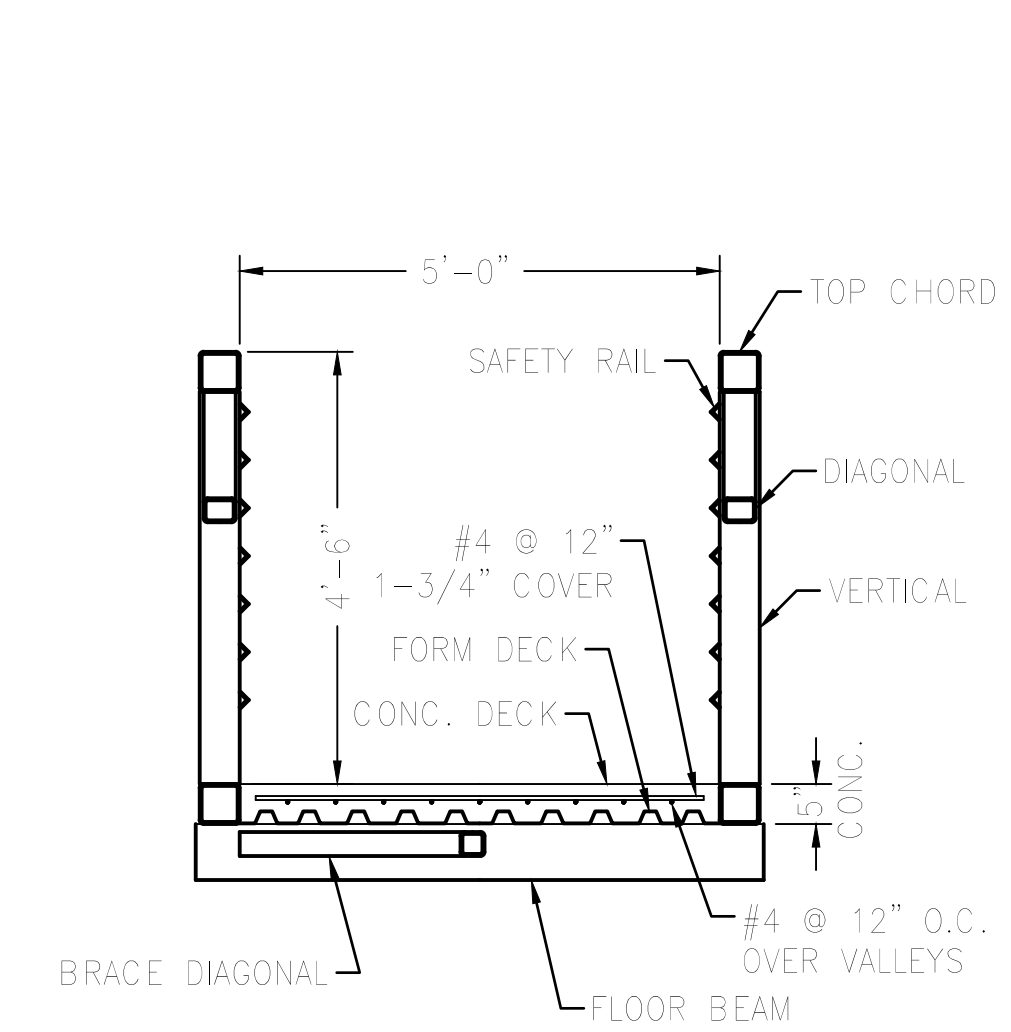
## NOTCH AND WIDEN SECTION

27TH ST. STA 10+00 TO STA 10+11  
ABIGAIL ST. STA 20+00 TO STA 23+55



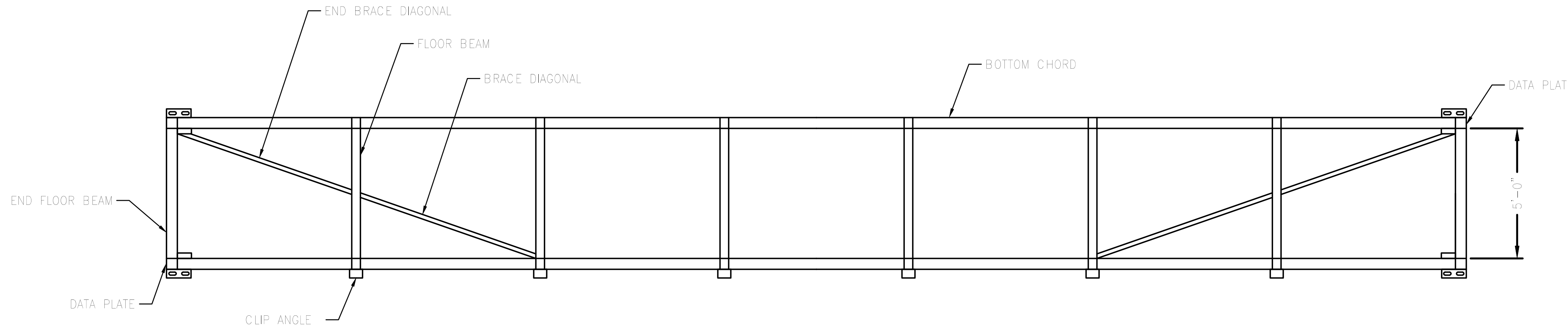
OUTSIDE ELEVATION

3/8" = 1'-0"



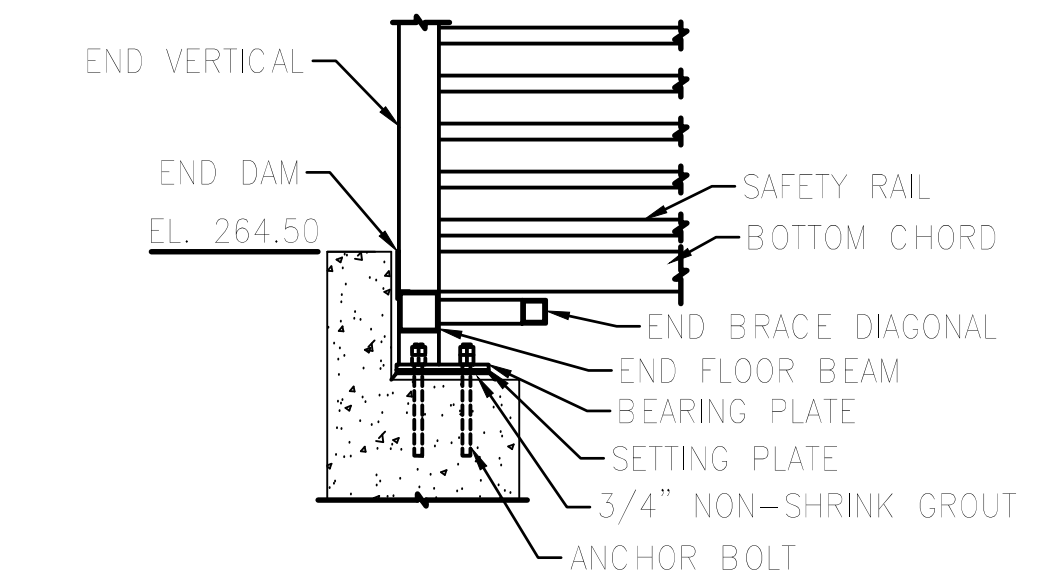
CROSS SECTION

1/2" = 1'-0"



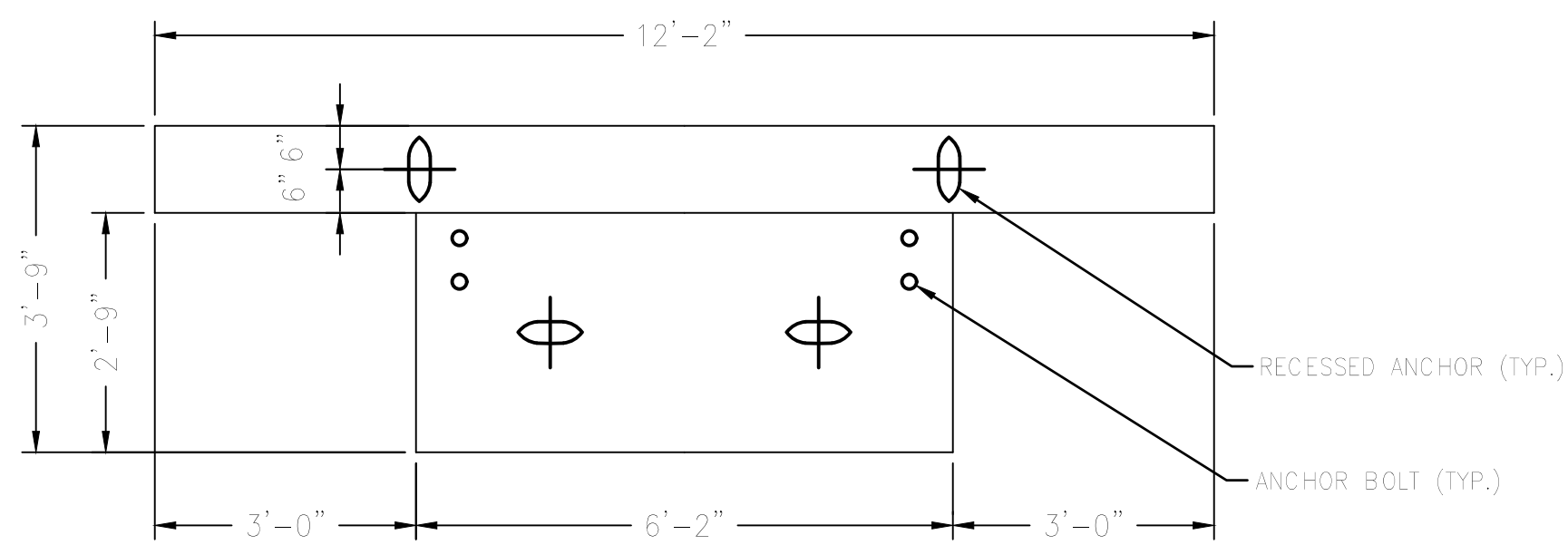
BOTTOM CHORD DETAIL

3/8" = 1'-0"



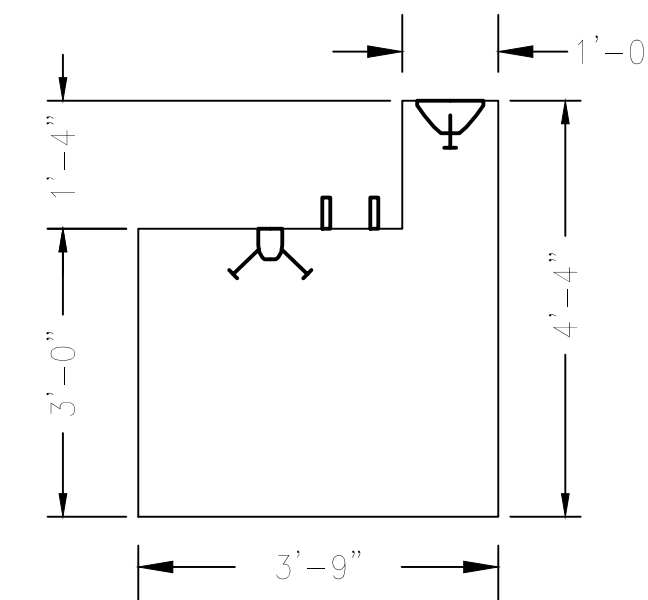
INSIDE BEARING ELEVATION

1/2" = 1'-0"



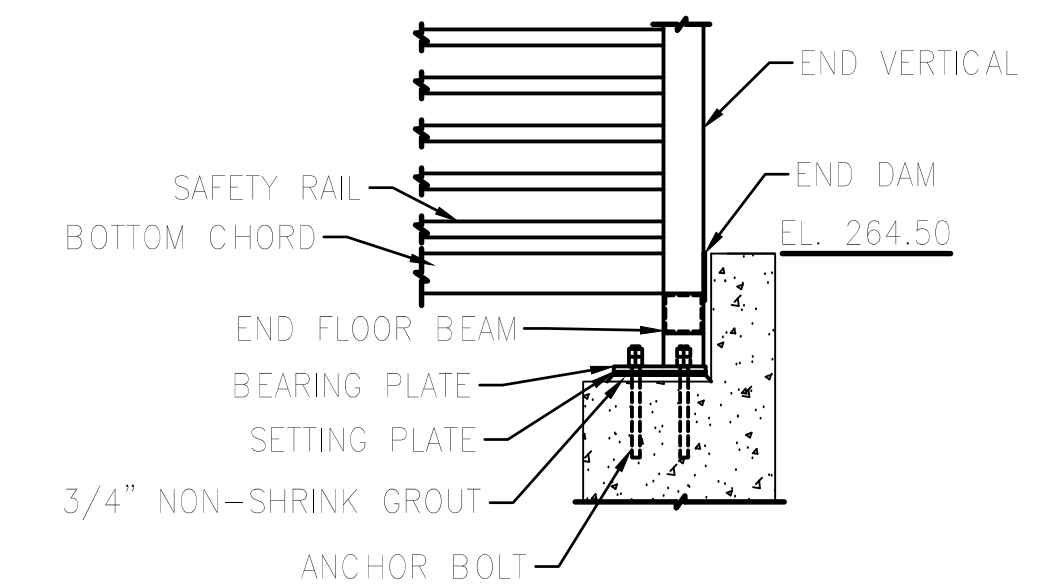
ABUTMENT PLAN

1/2" = 1'-0"



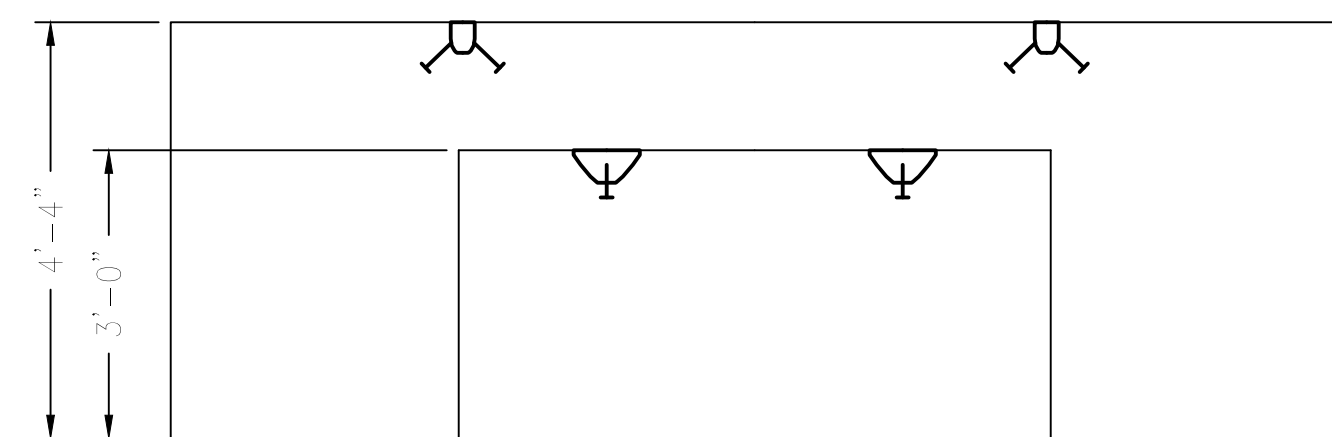
ABUTMENT SECTION

1/2" = 1'-0"



OUTSIDE BEARING ELEVATION

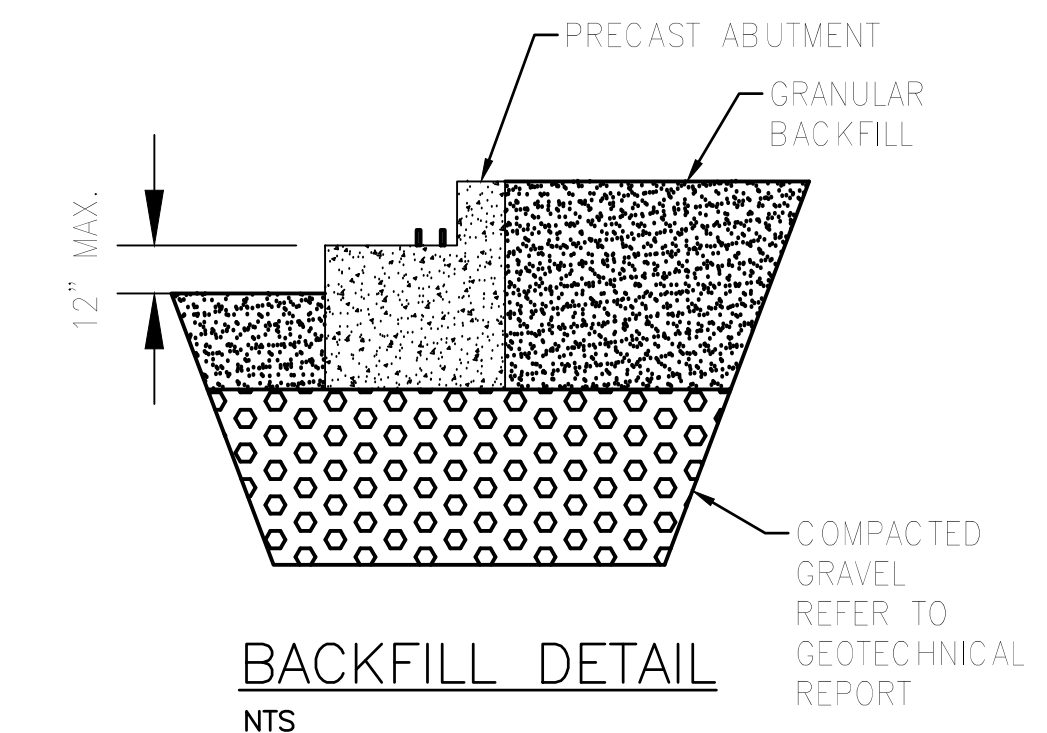
1/2" = 1'-0"



ABUTMENT ELEVATION

1/2" = 1'-0"

NOTES:  
1. DIMENSIONS ARE APPROXIMATE AND CONVEY THE INTENT OF DESIGN.



BACKFILL DETAIL

NTS

SP-PEDESTRIAN BRIDGE

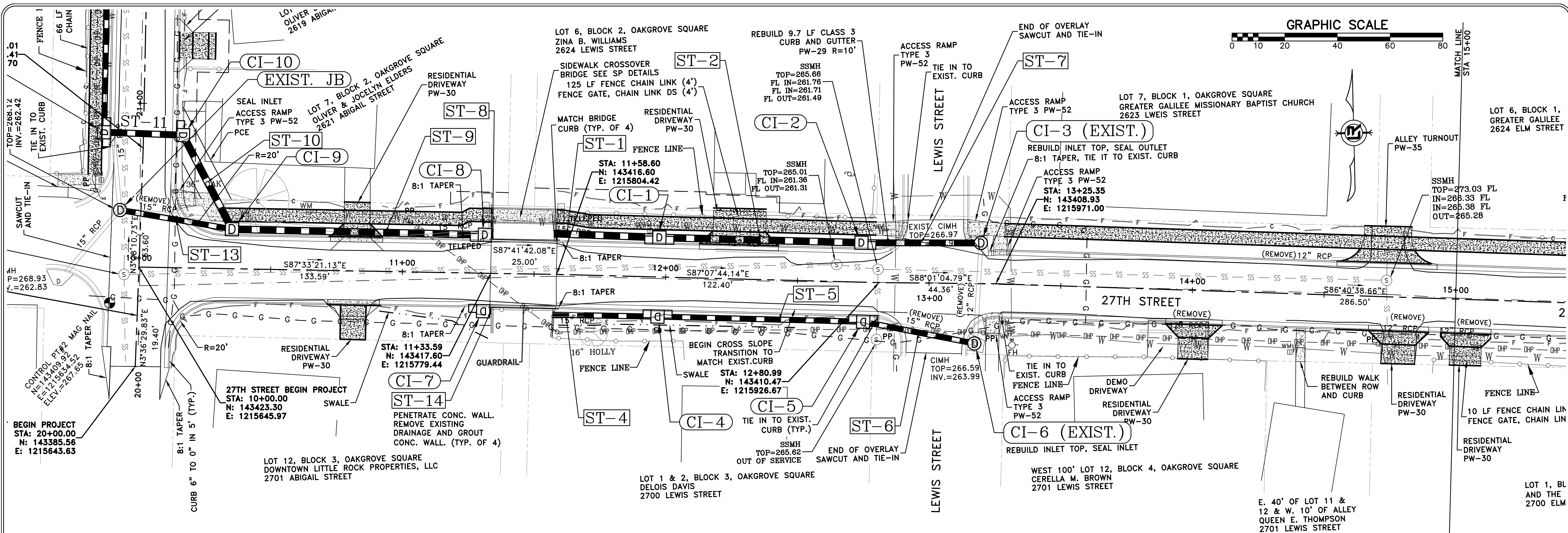
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
SPECIAL DETAILS

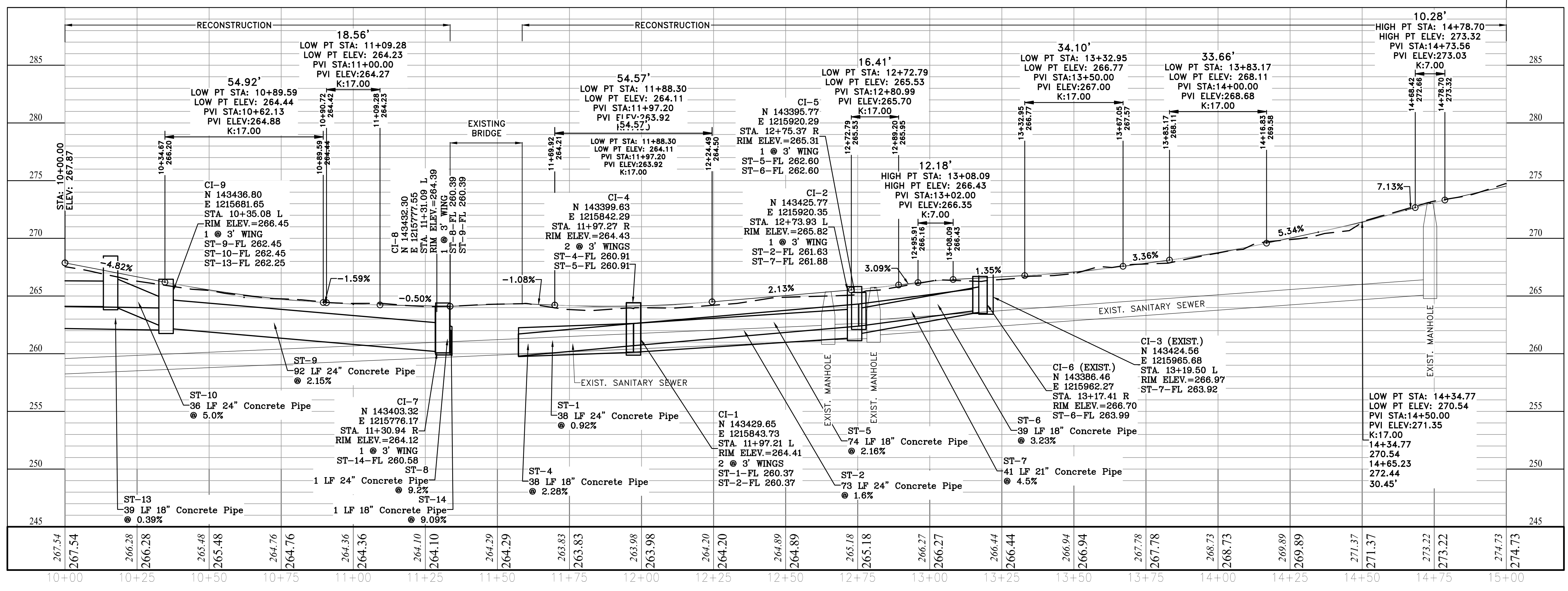
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CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



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N.T.S.  
PROJECT NO.  
01-17-ST-47  
SHEET NO.  
C5



**CITY OF LITTLE ROCK, ARKANSAS**  
**MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS**  
**PLAN AND PROFILE - 27TH STREET 1**  
**STA 10+00 TO 15+00**

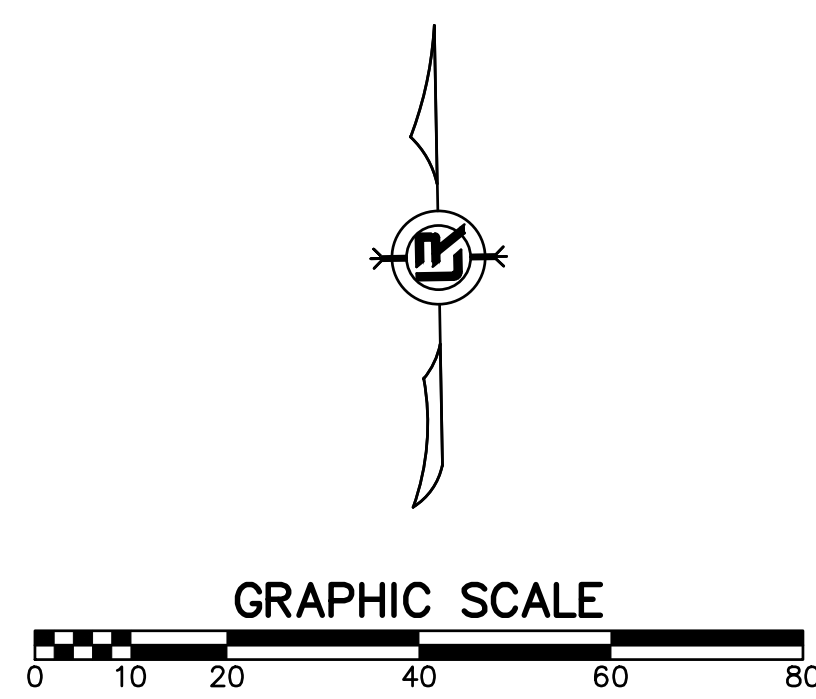
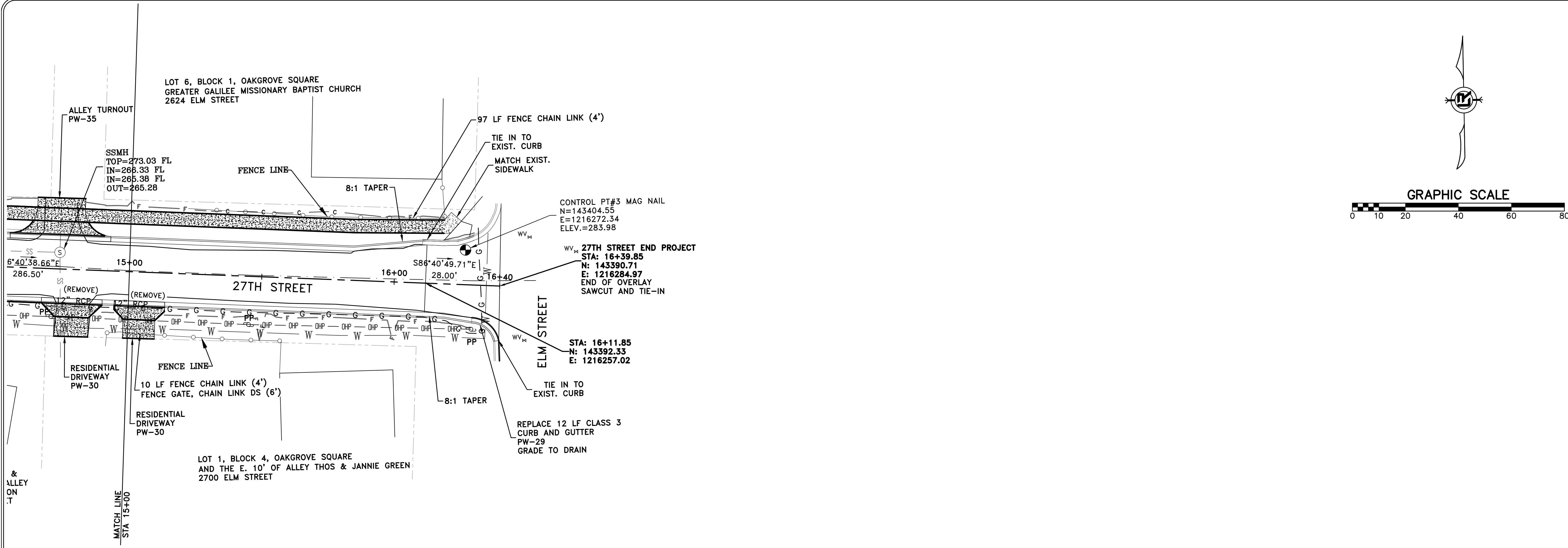


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**701 W. MARKHAM**  
**LITTLE ROCK, ARKANSAS 72201**



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**KMH**  
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**FJS**  
**DATE**  
**7-22-19**  
**SCALE**  
**1" = 20'**  
**PROJECT NO.**  
**01-17-ST-47**  
**SHEET NO.**  
**C6**

REVISIONS	DATE

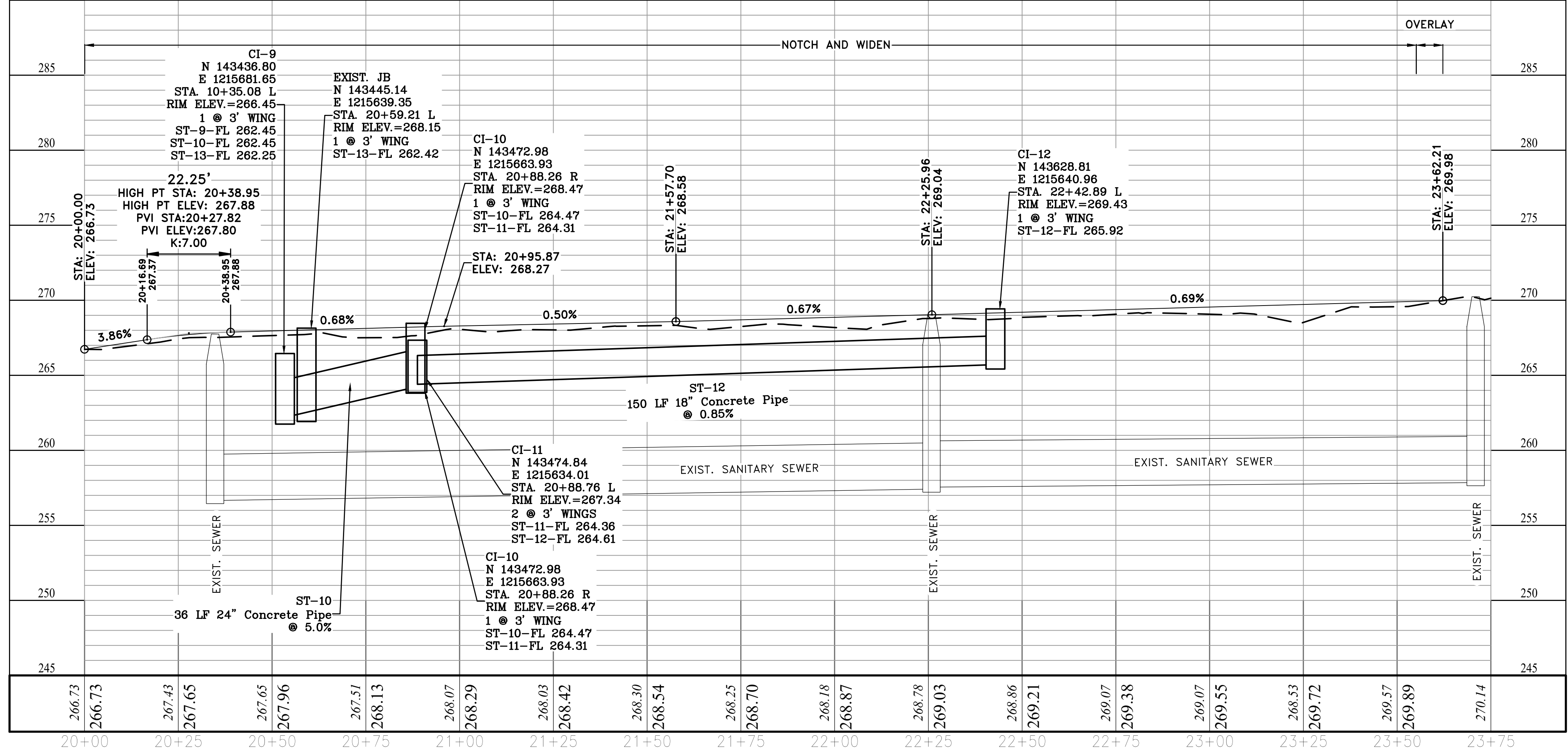
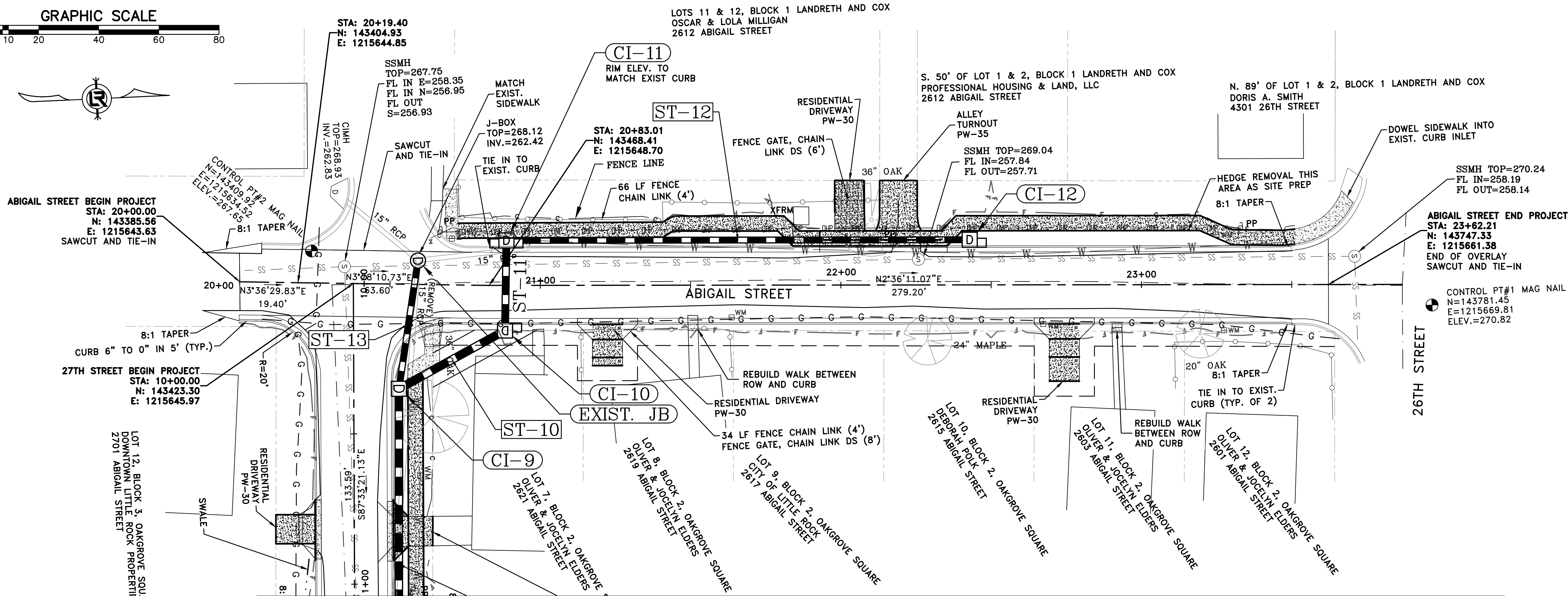
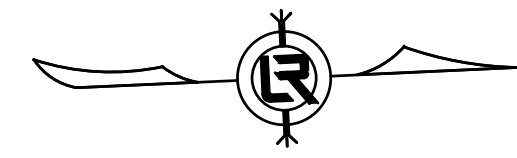
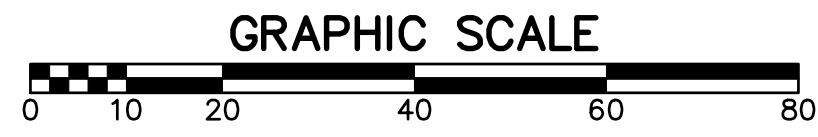


CITY OF LITTLE ROCK, ARKANSAS  
MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
PLAN AND PROFILE - 27TH STREET 2  
STA 15+00 TO 16+40

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



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DATE  
**7-22-19**  
SCALE  
**1" = 20'**  
PROJECT NO.  
**01-17-ST-47**  
SHEET NO.  
**C7**



REVISIONS	DATE

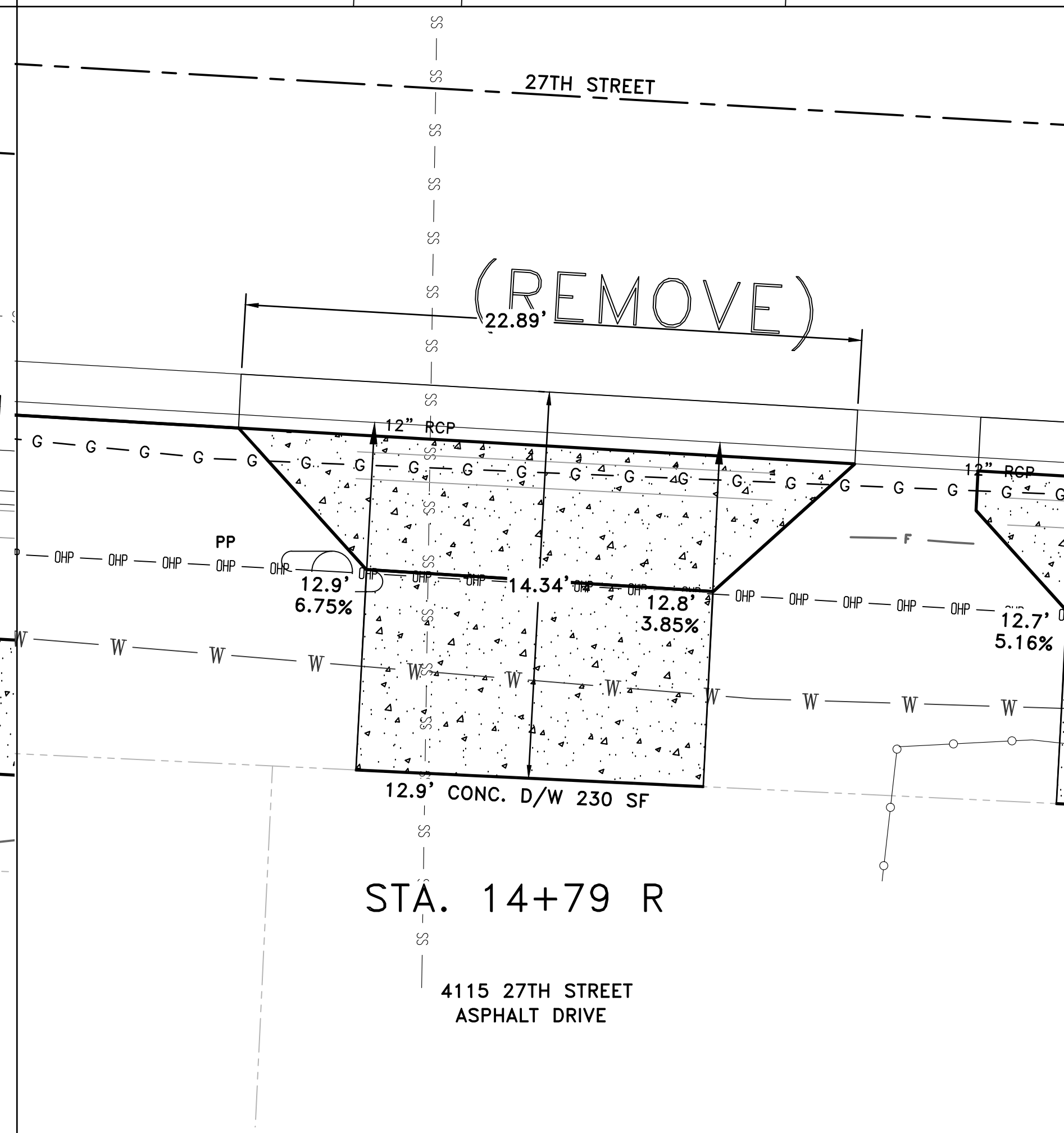
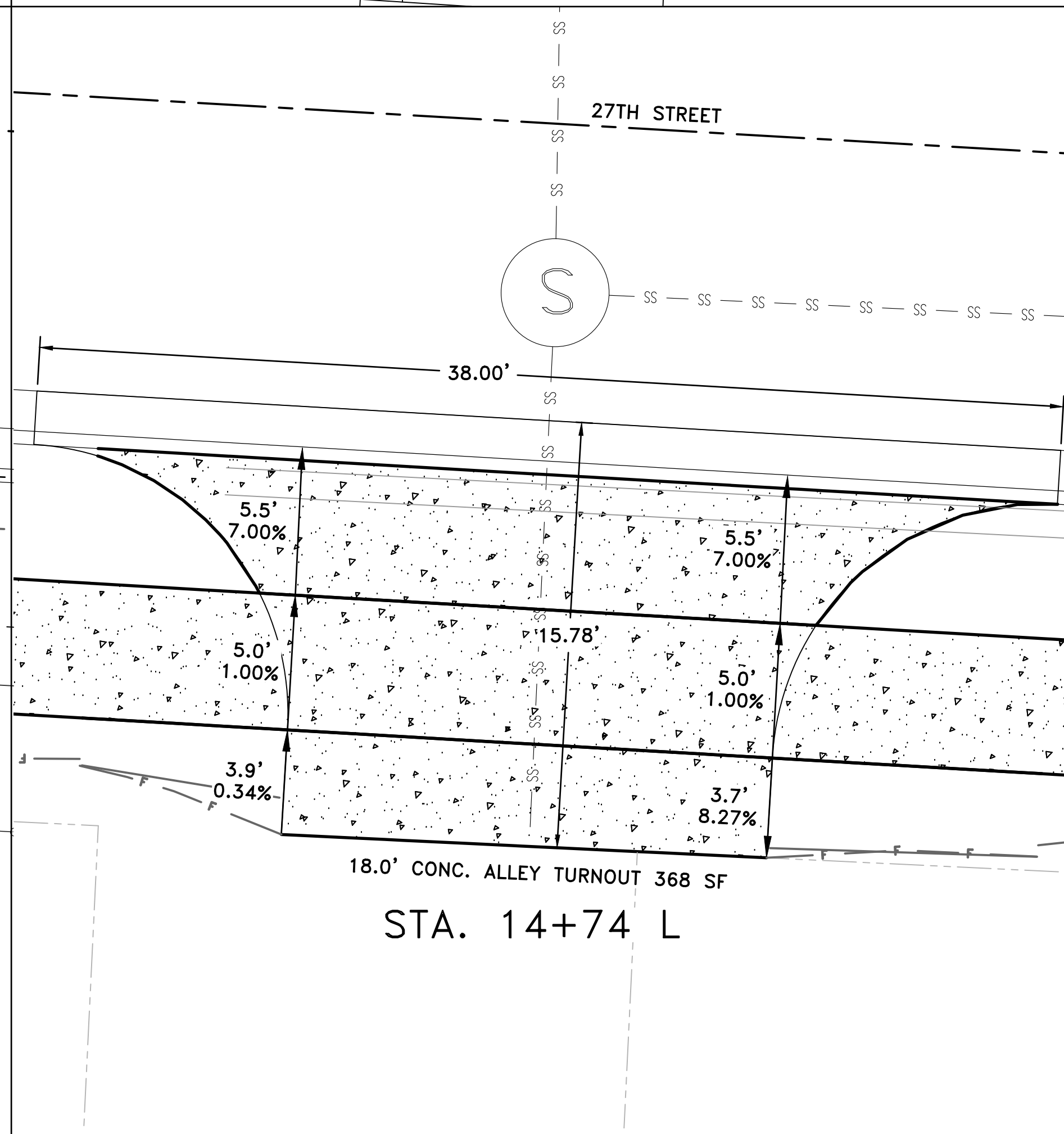
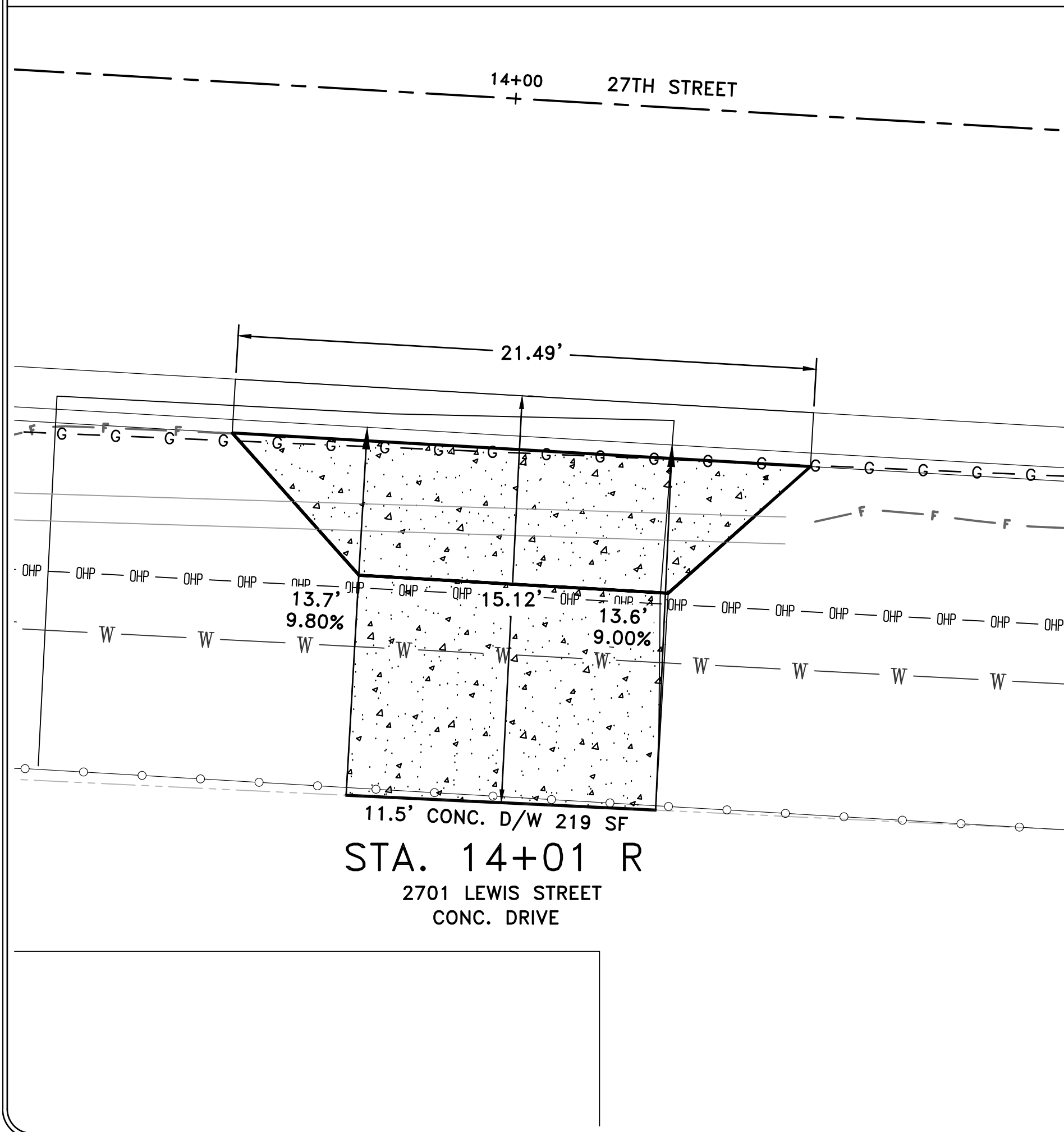
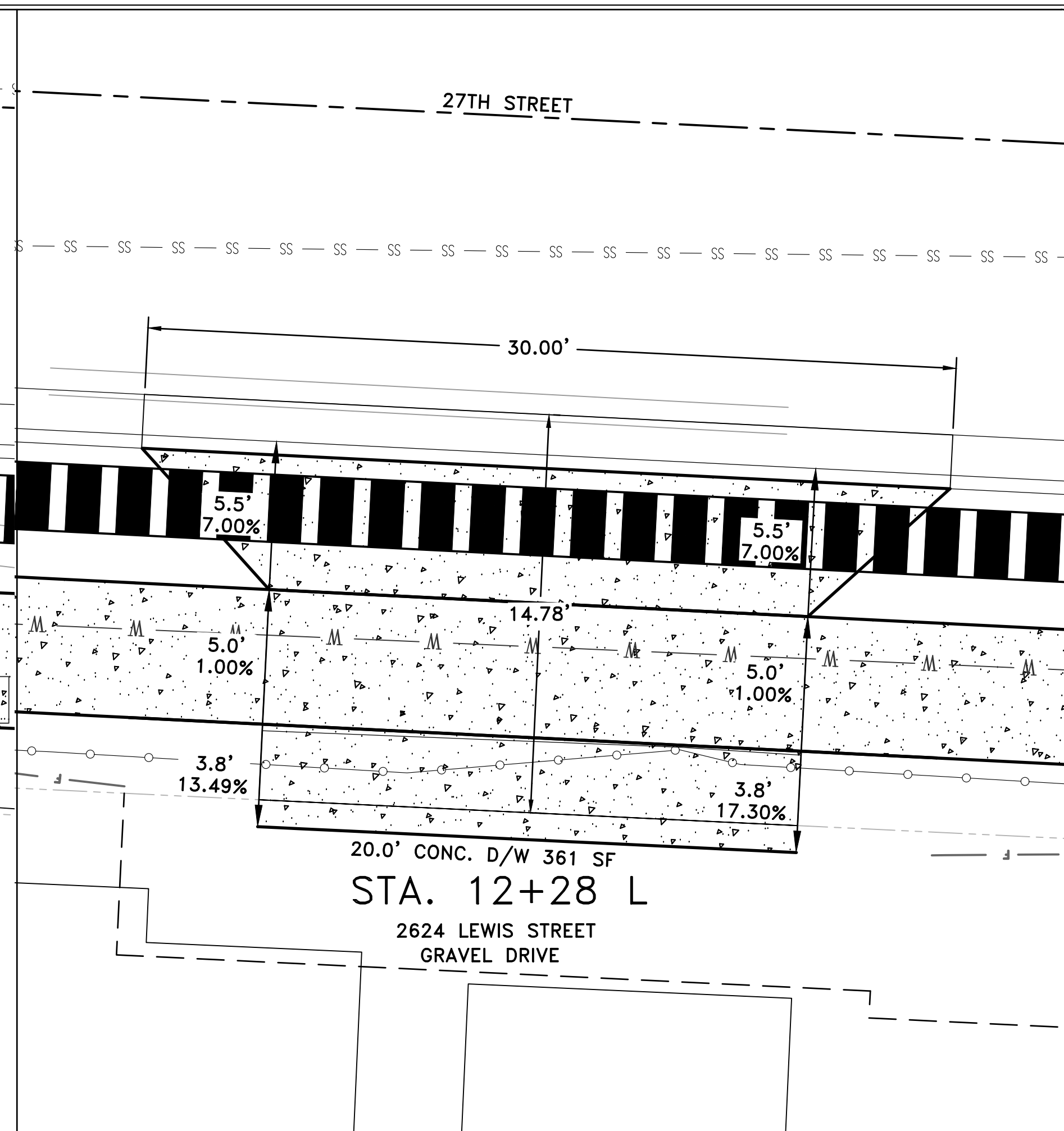
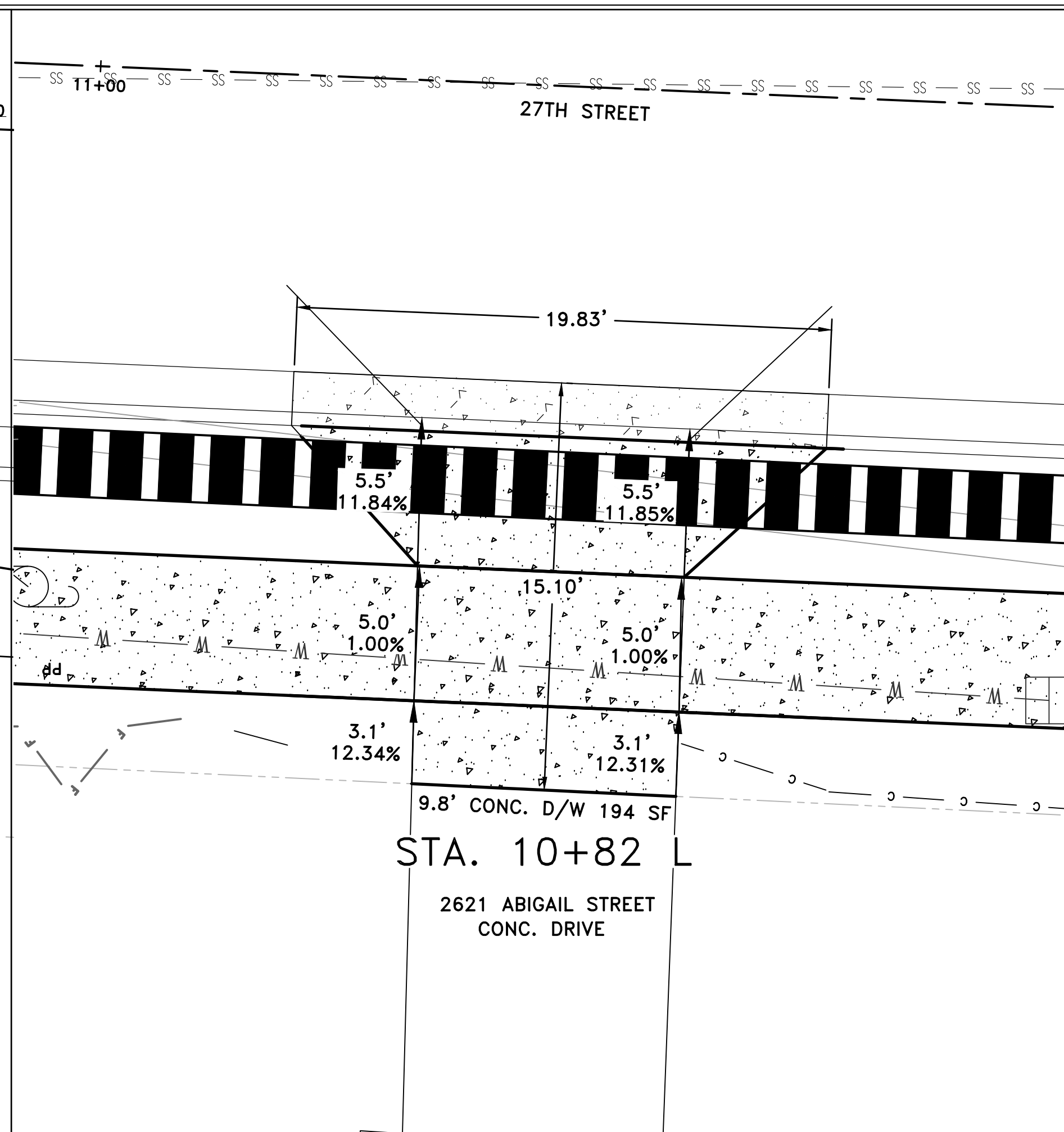
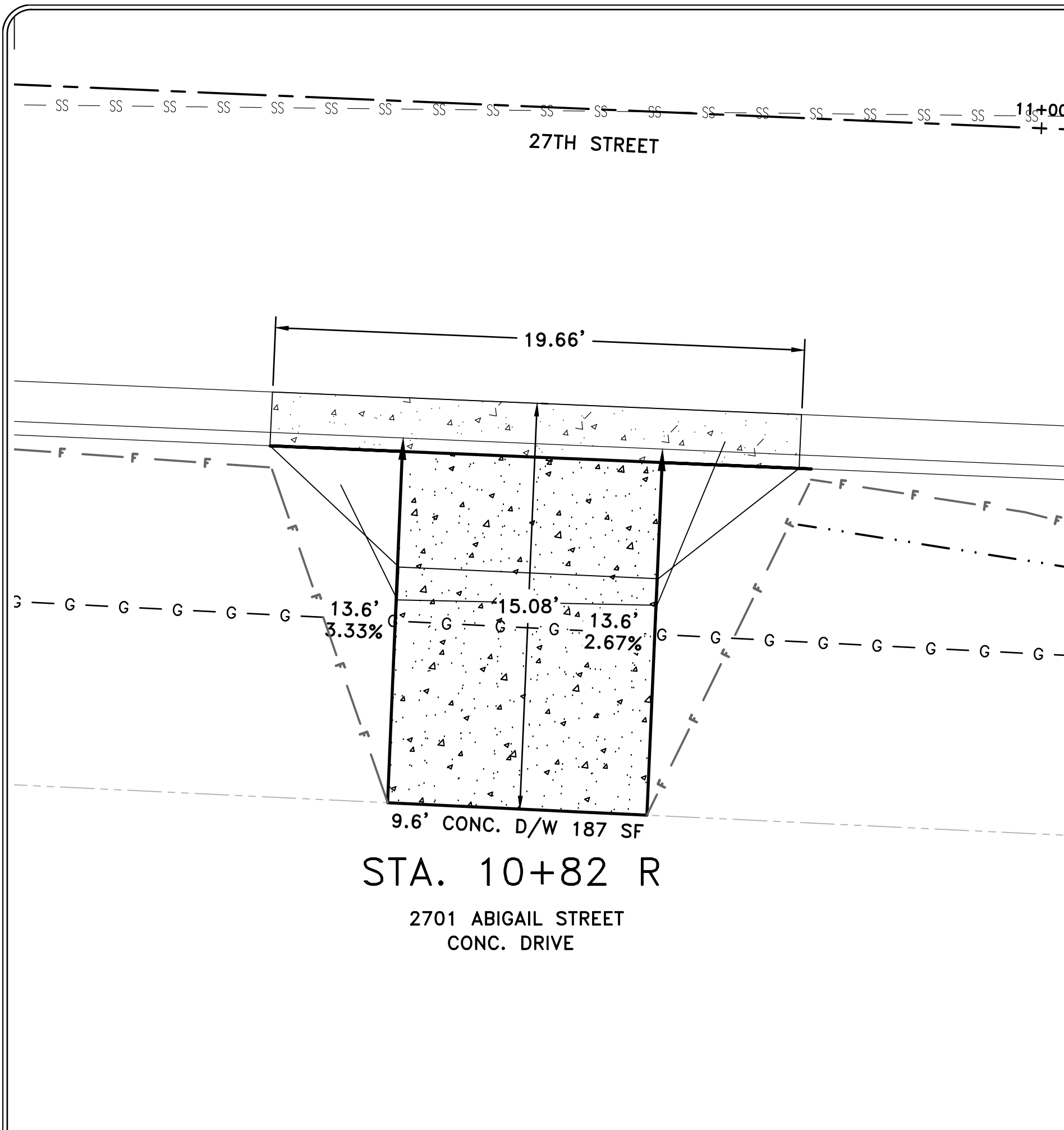
CITY OF LITTLE ROCK, ARKANSAS  
 MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
 PLAN AND PROFILE - ABIGAIL STREET  
 STA 20+00 TO 23+81

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



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 1" = 20'  
 PROJECT NO.  
 01-17-ST-47  
 SHEET NO.  
 C8





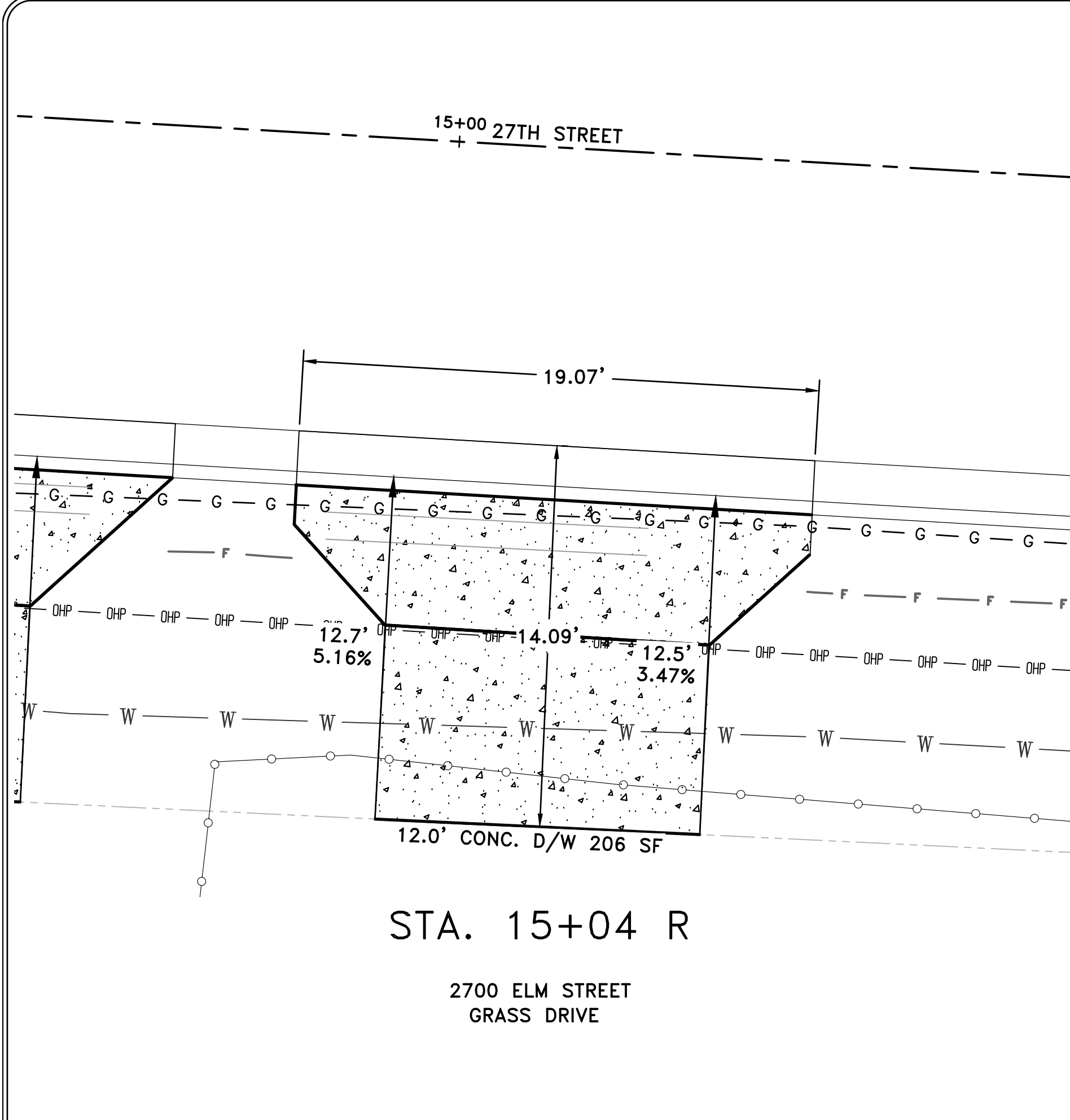
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
DRIVEWAY PLANS 1

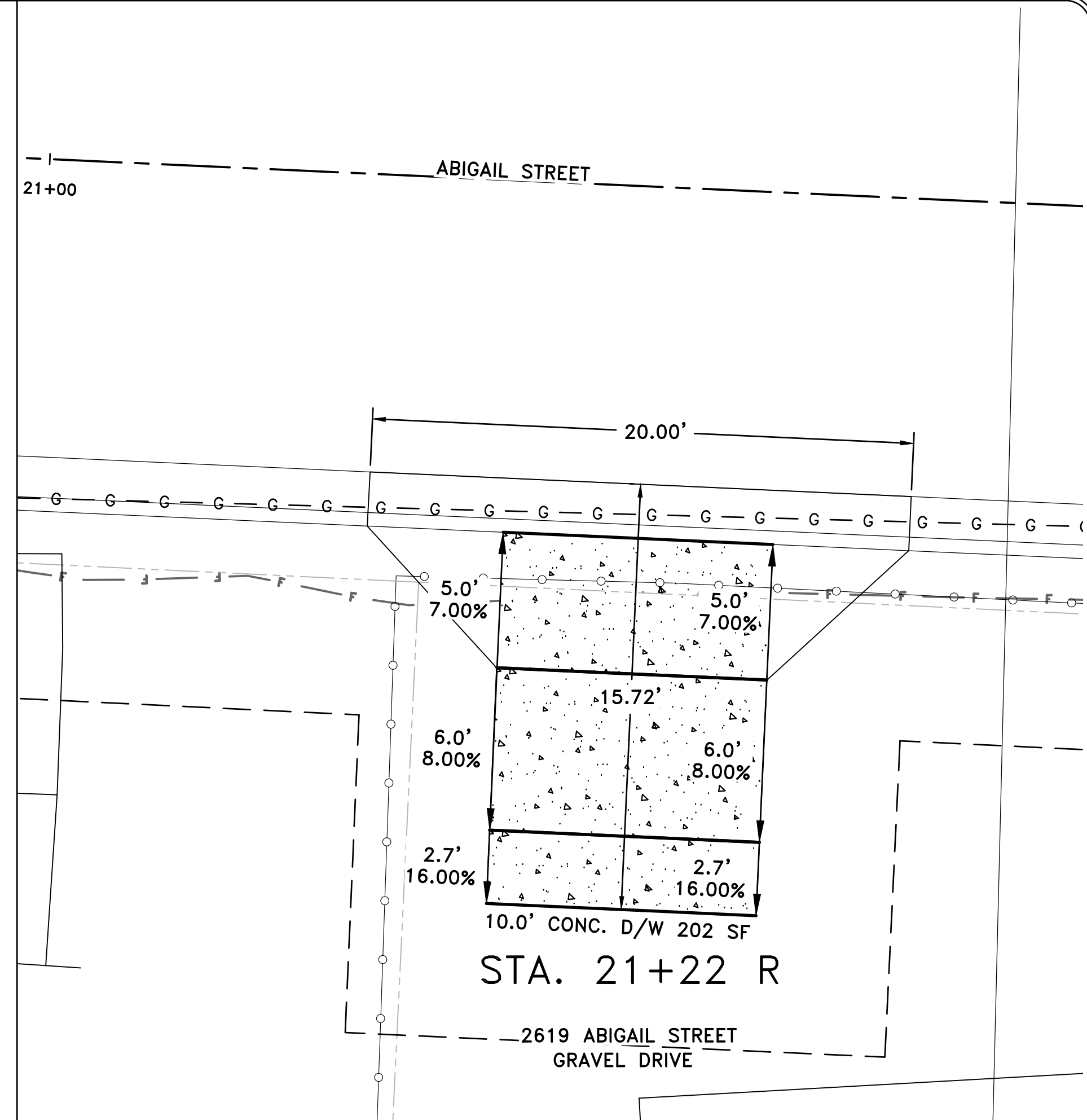
DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



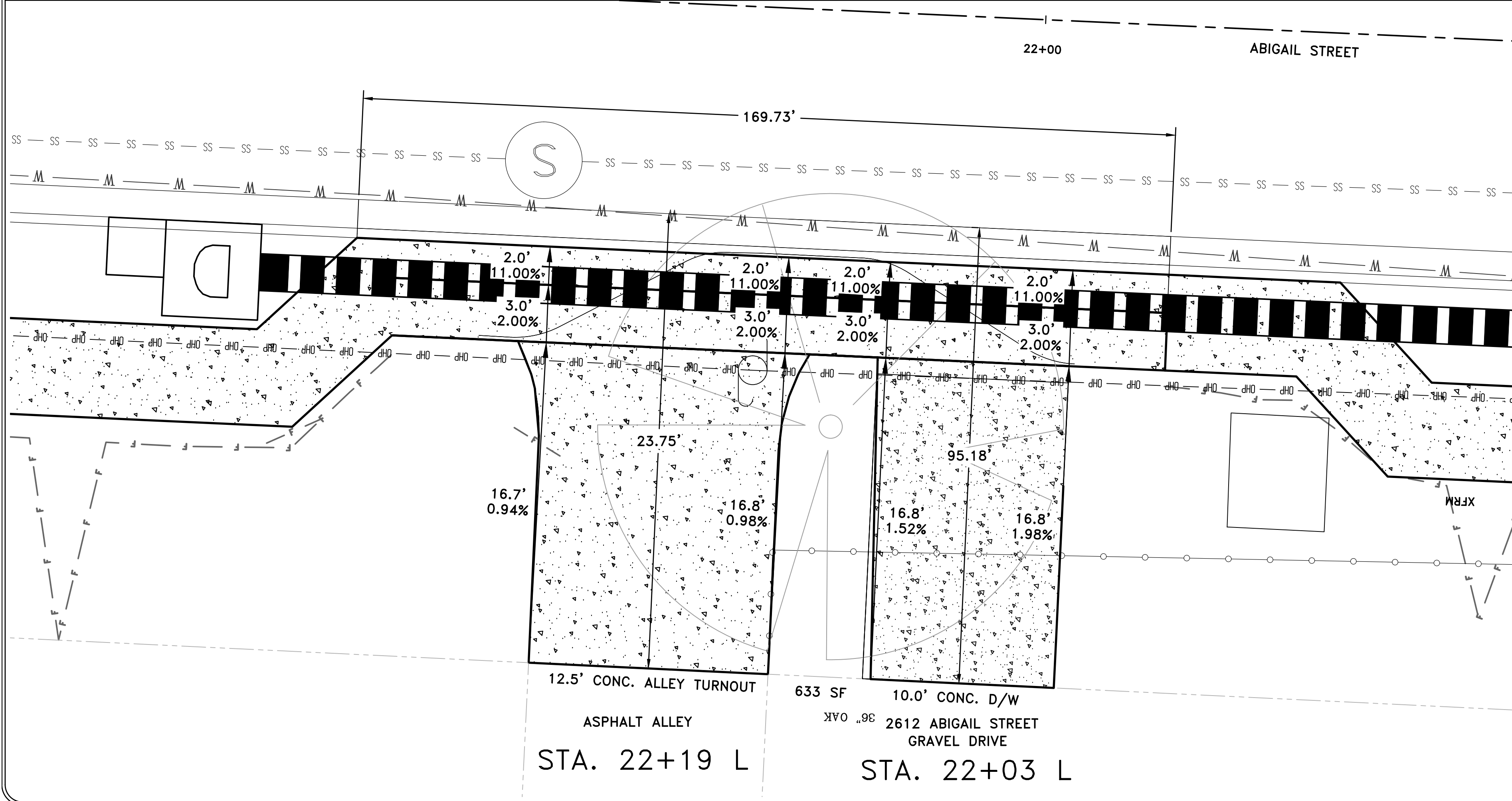
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KMH  
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FJS  
DATE  
7-22-19  
SCALE  
1" = 5'  
PROJECT NO.  
01-17-ST-47  
SHEET NO.  
C9



STA. 15+04 R  
2700 ELM STREET  
GRASS DRIVE

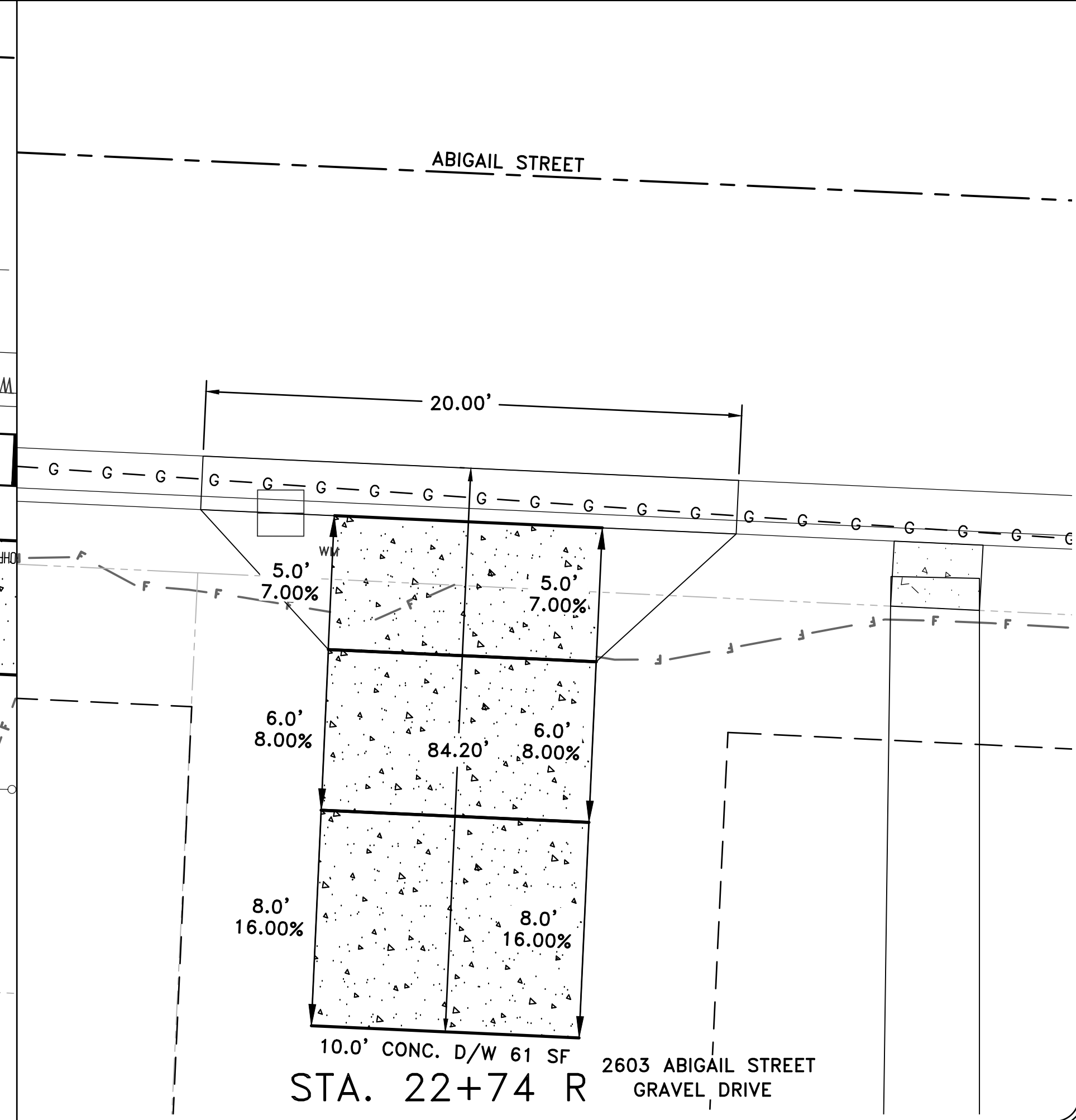


STA. 21+22 R  
2619 ABIGAIL STREET  
GRAVEL DRIVE



STA. 22+19 L  
12.5' CONC. ALLEY TURNOUT  
ASPHALT ALLEY

STA. 22+03 L  
10.0' CONC. D/W  
2612 ABIGAIL STREET  
GRAVEL DRIVE



STA. 22+74 R  
10.0' CONC. D/W 61 SF  
2603 ABIGAIL STREET  
GRAVEL DRIVE

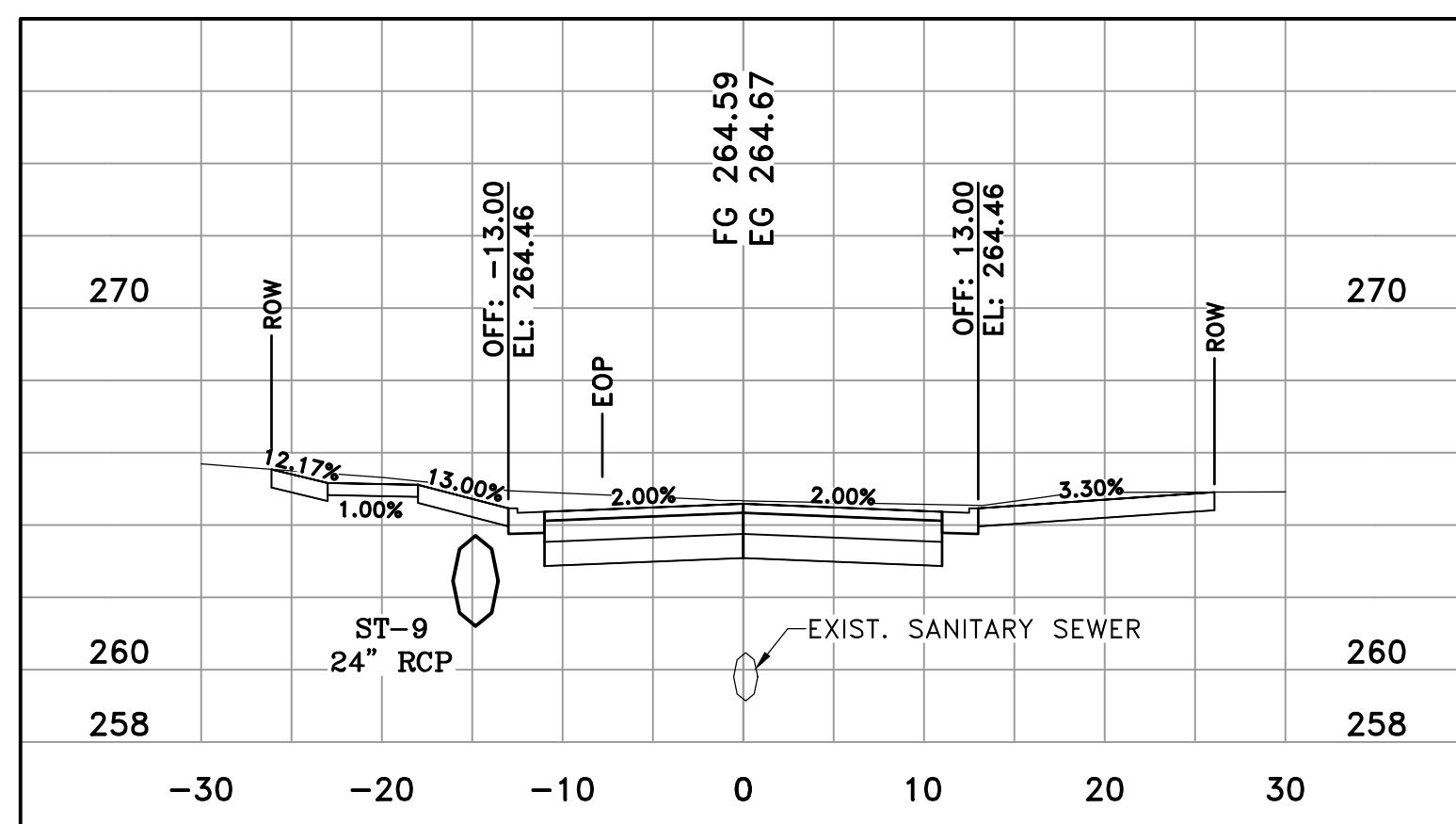
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
DRIVEWAY PLANS 2

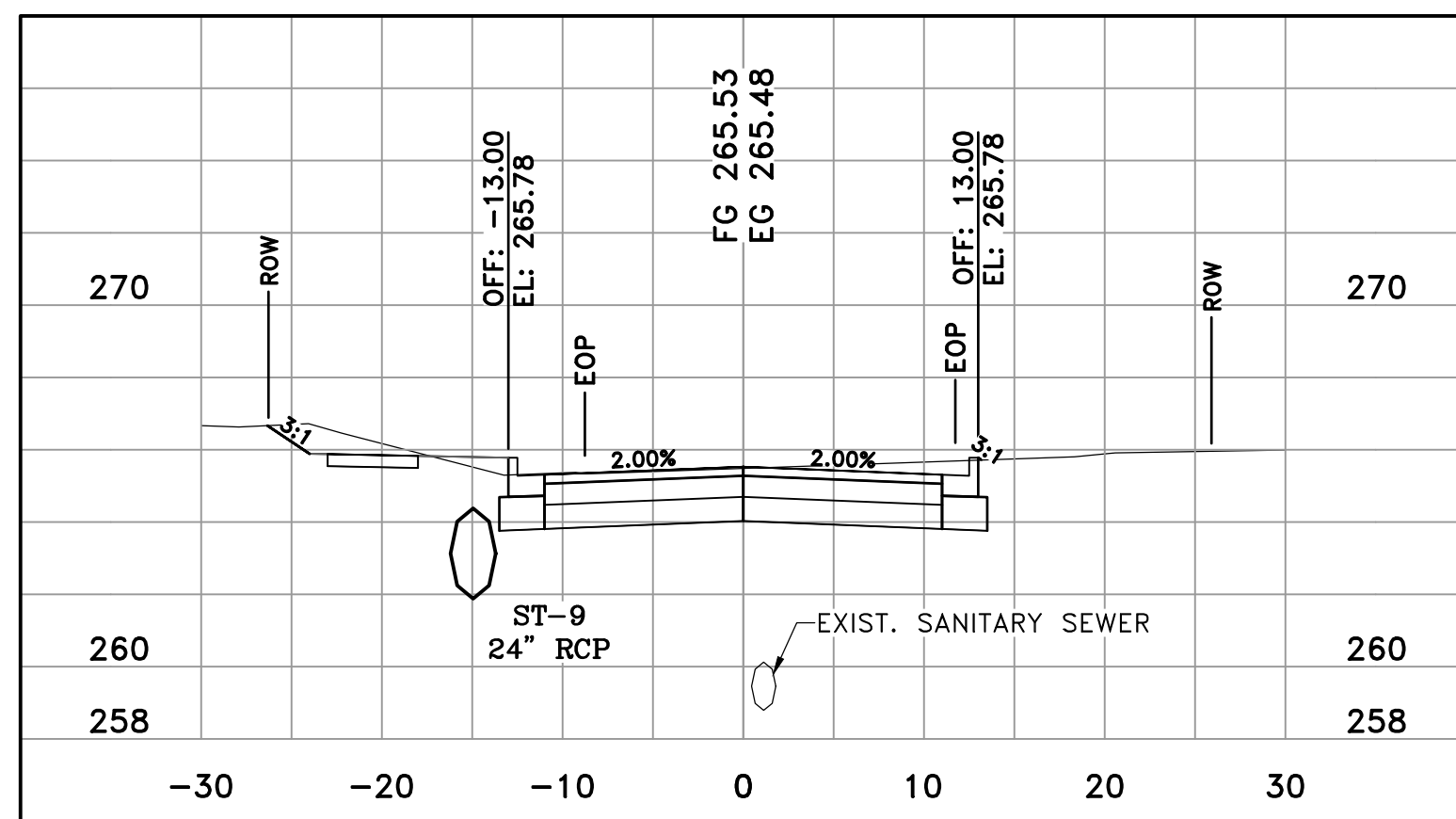
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701 W. MARKHAM  
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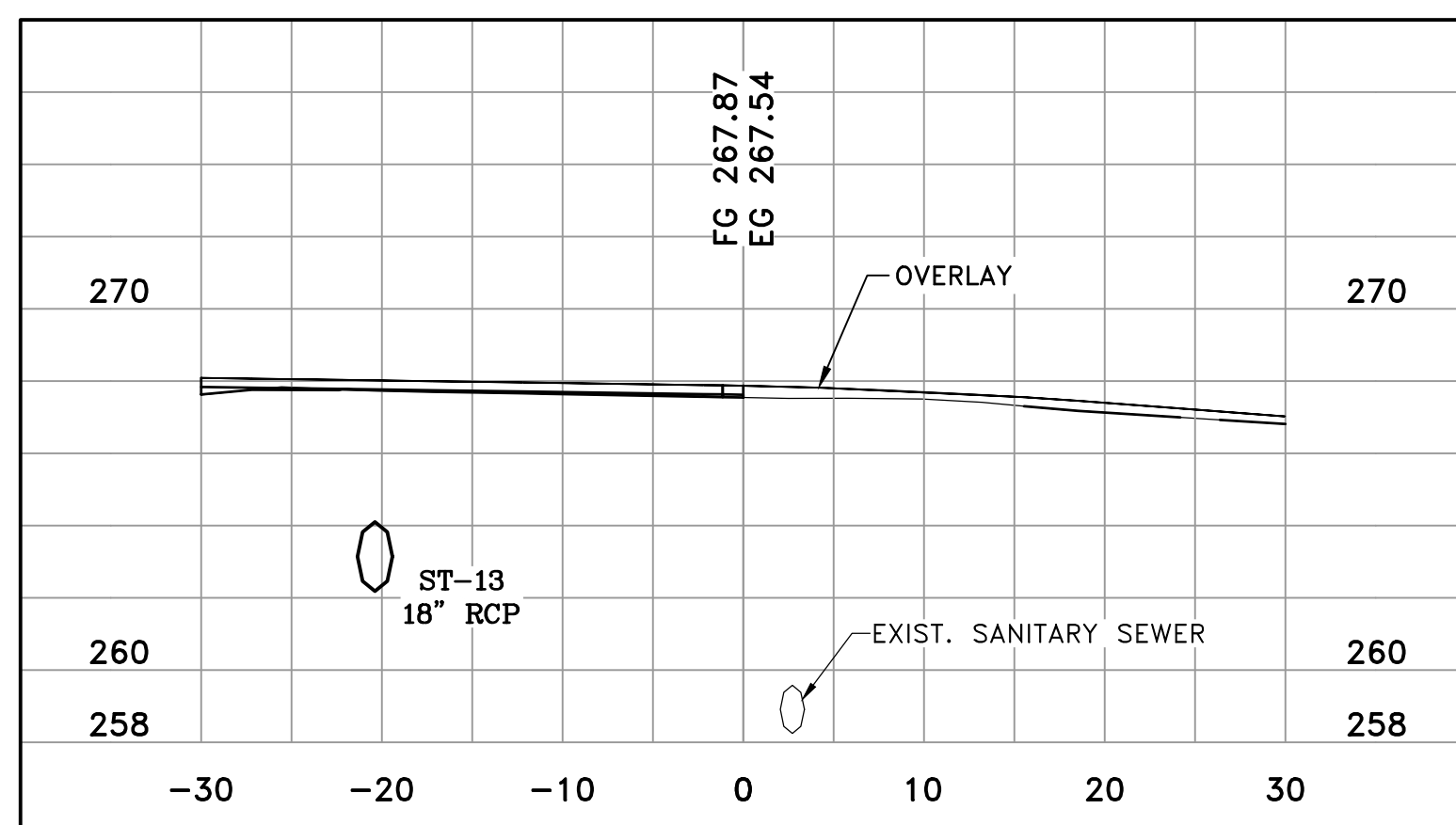
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PROJECT NO.  
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SHEET NO.  
C10



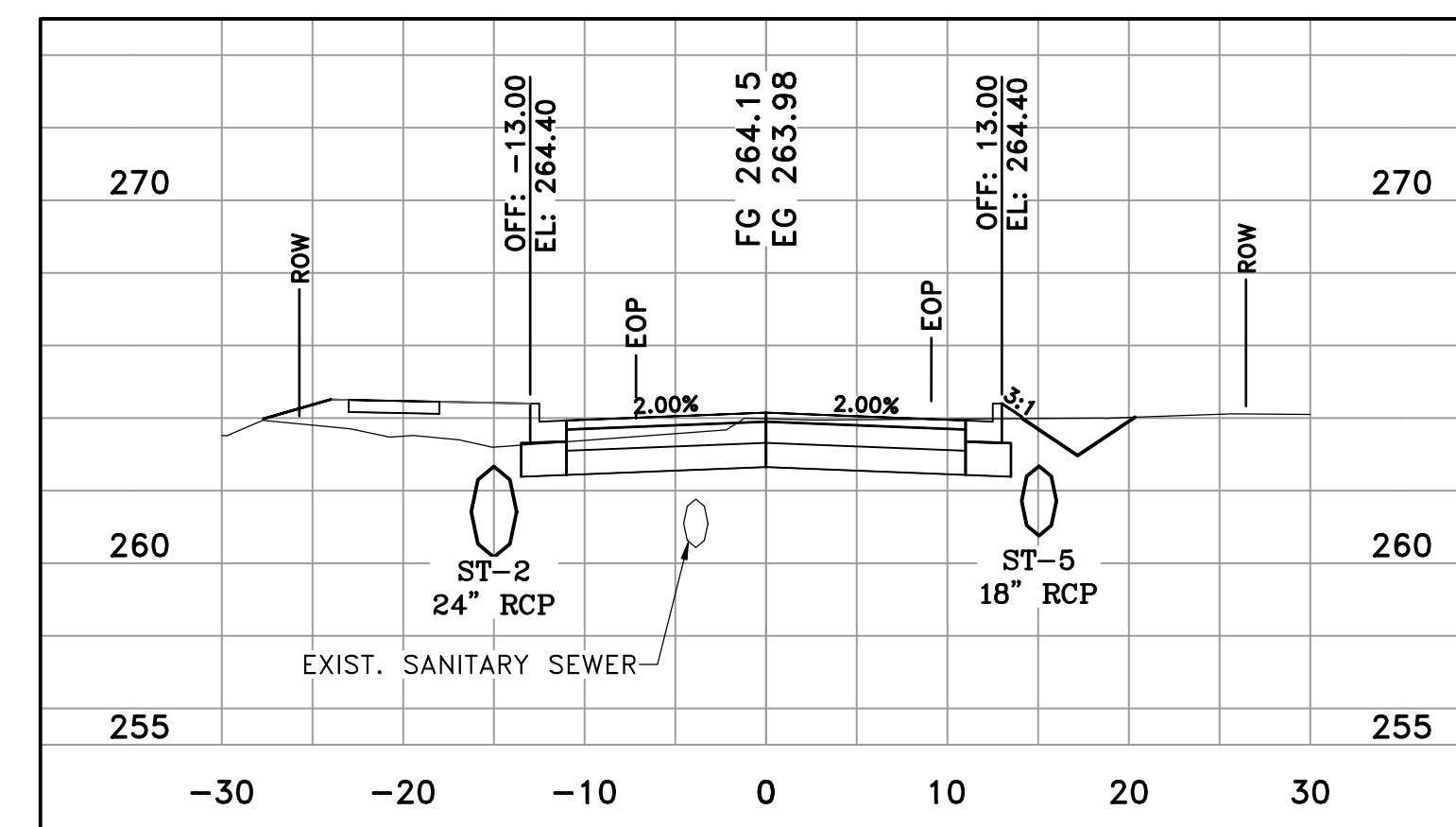
27TH STREET  
10+82



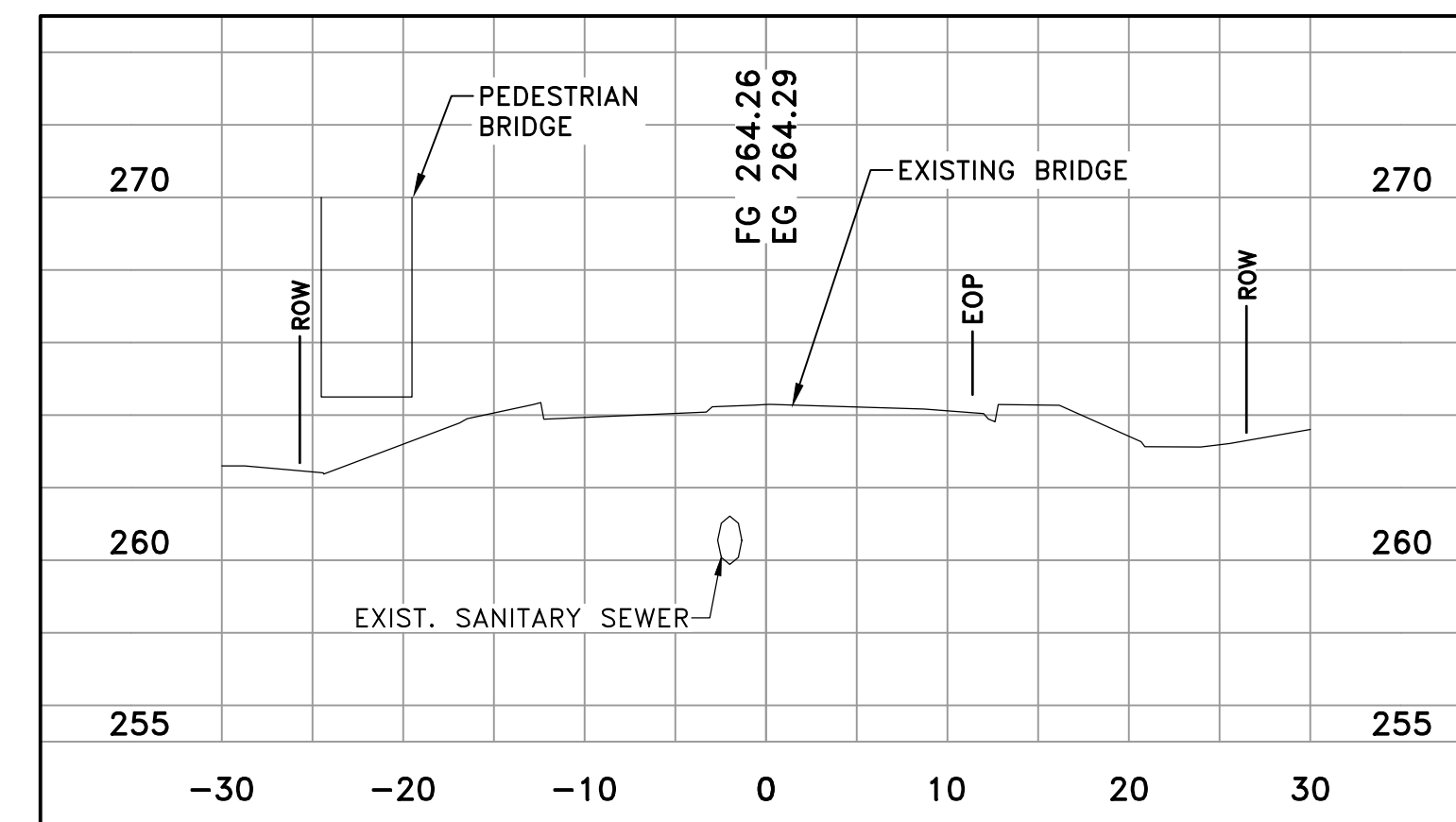
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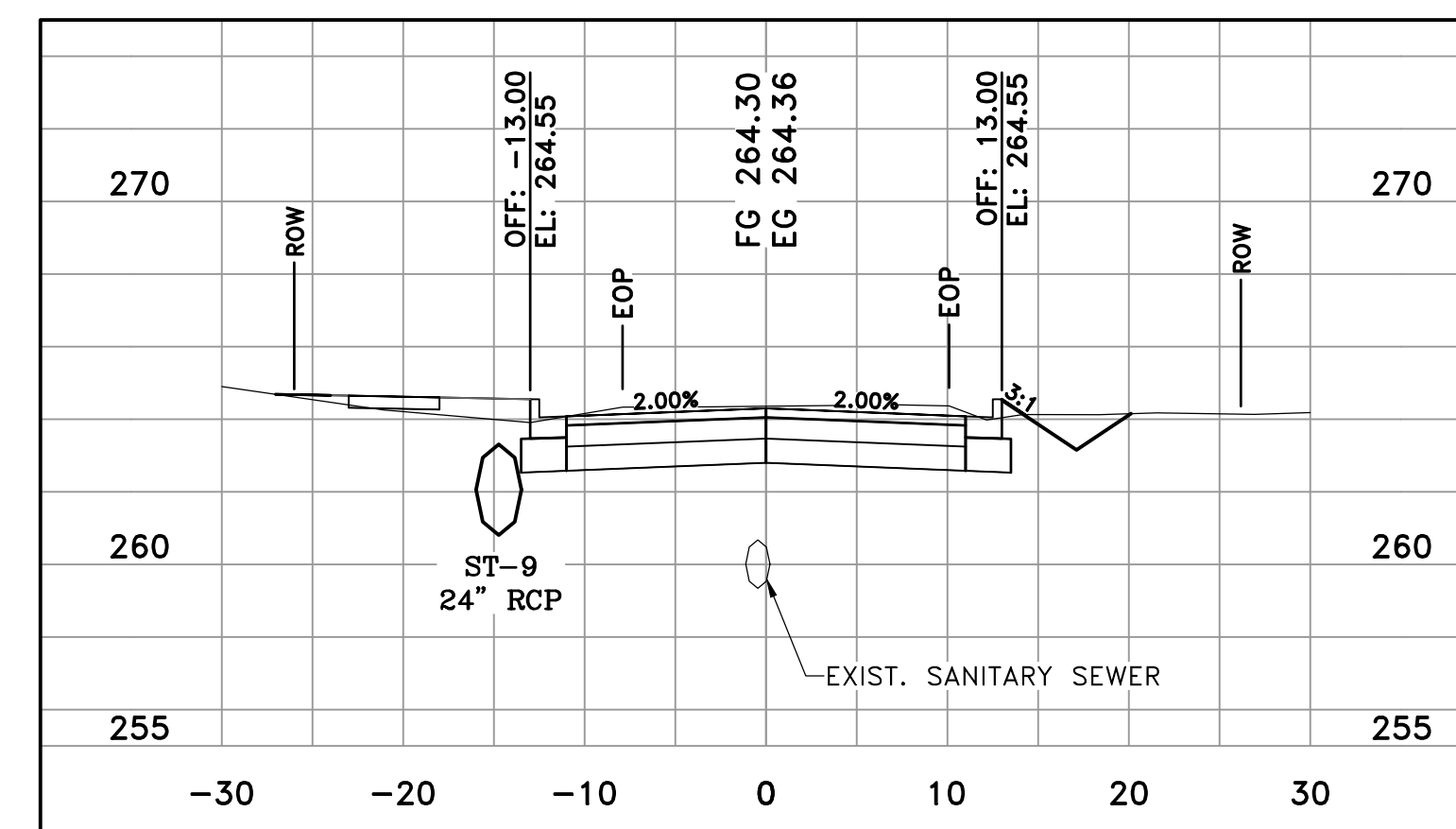
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27TH STREET  
12+00



27TH STREET  
11+50



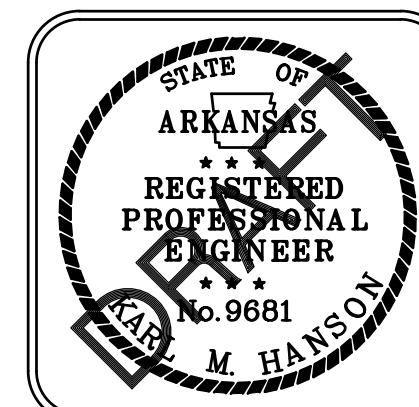
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11+00

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS

CROSS SECTIONS 27TH STREET

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



DRAWN BY

KMH

DESIGNED

KMH

CHECKED

FJS

DATE

7-22-19

SCALE H: 1"=10'

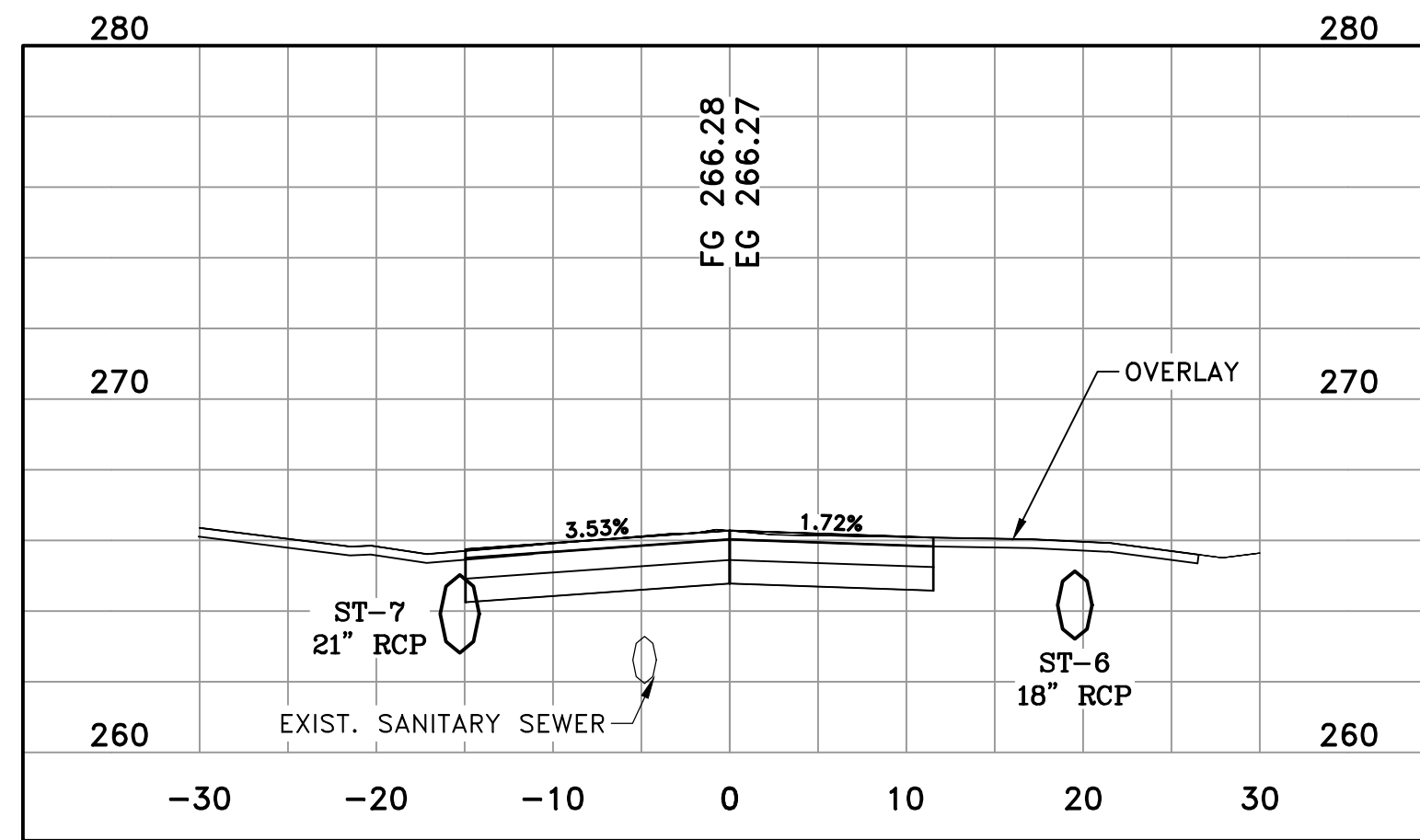
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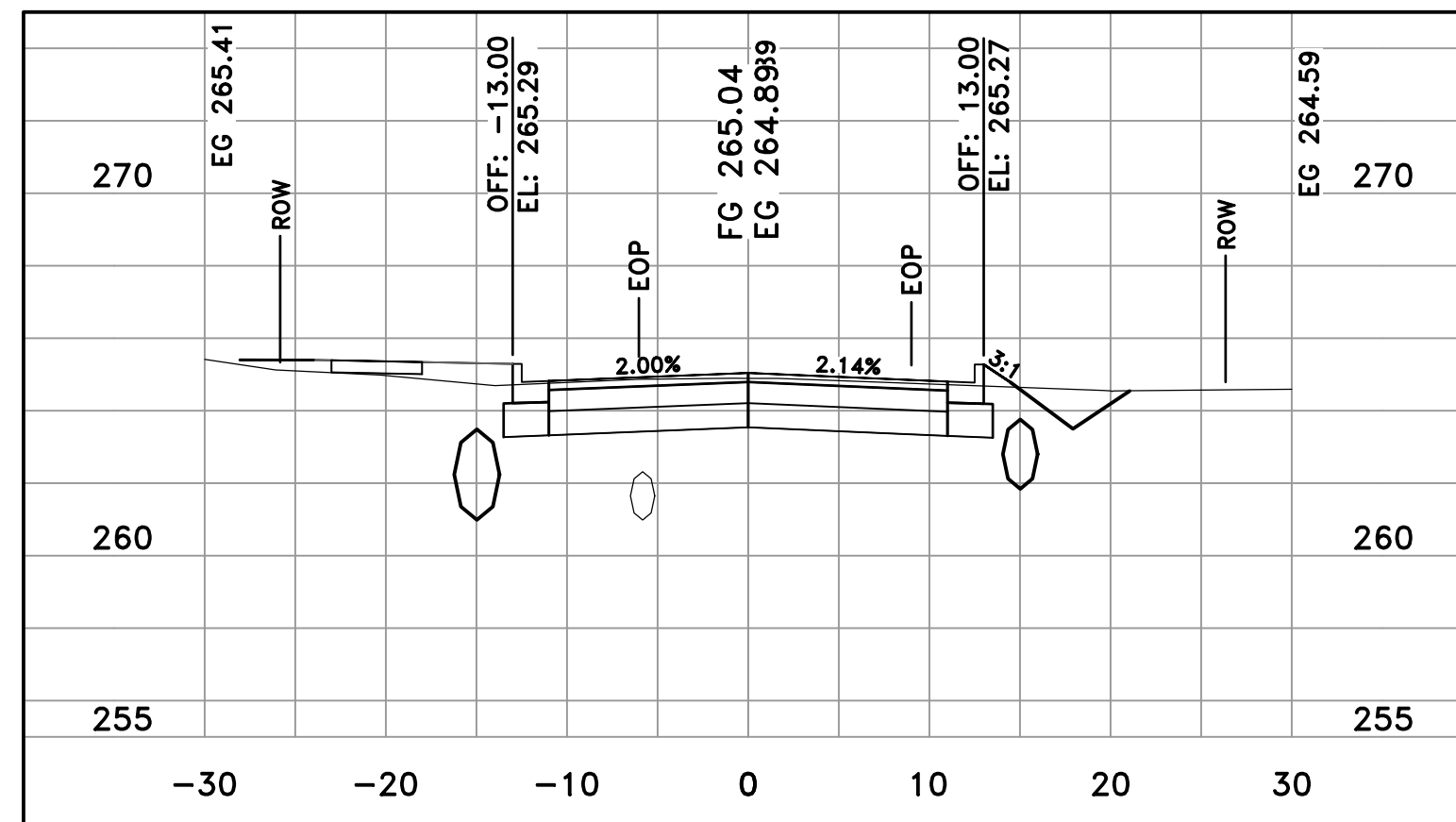
01-17-ST-47

SHEET NO.

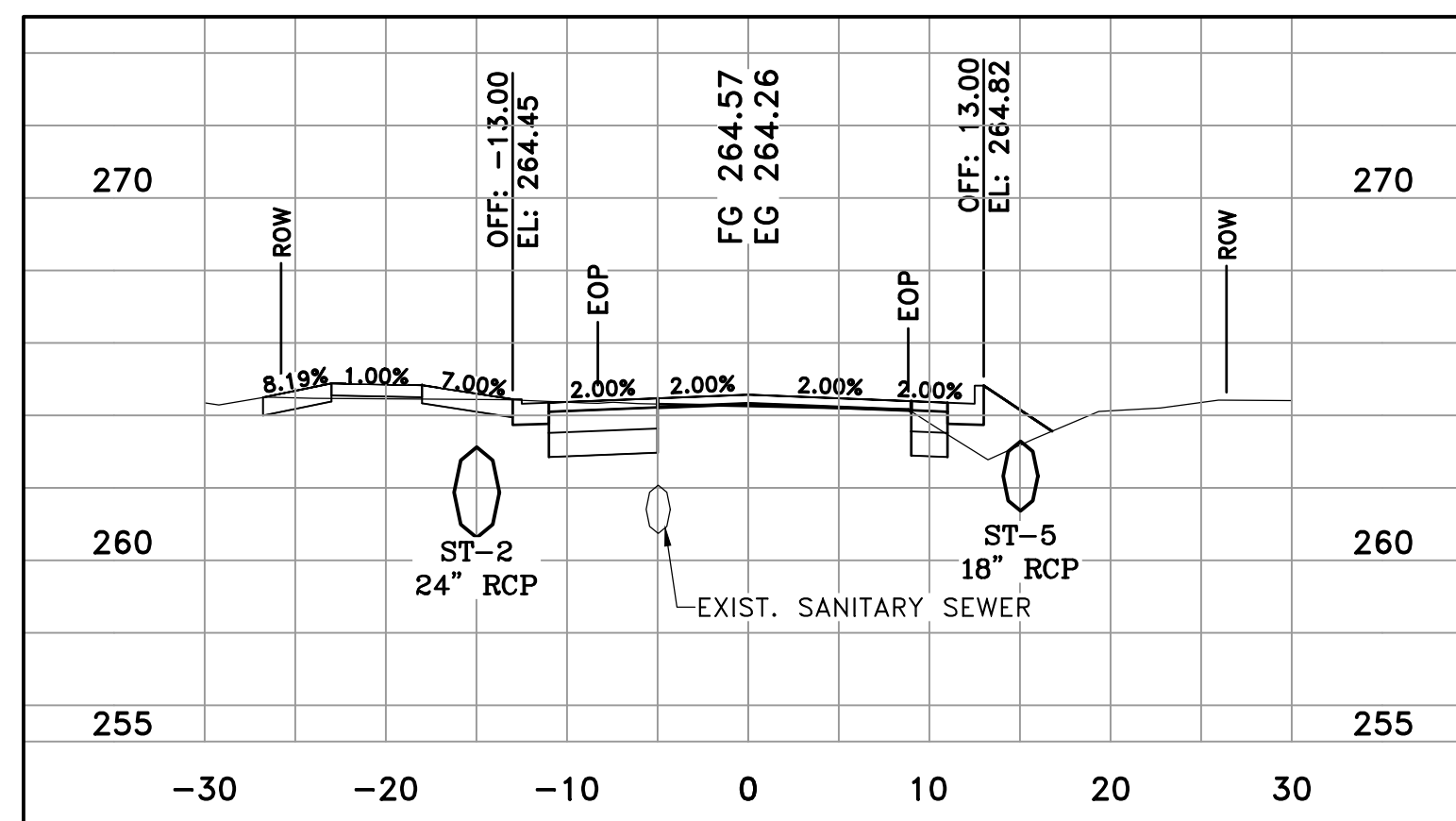
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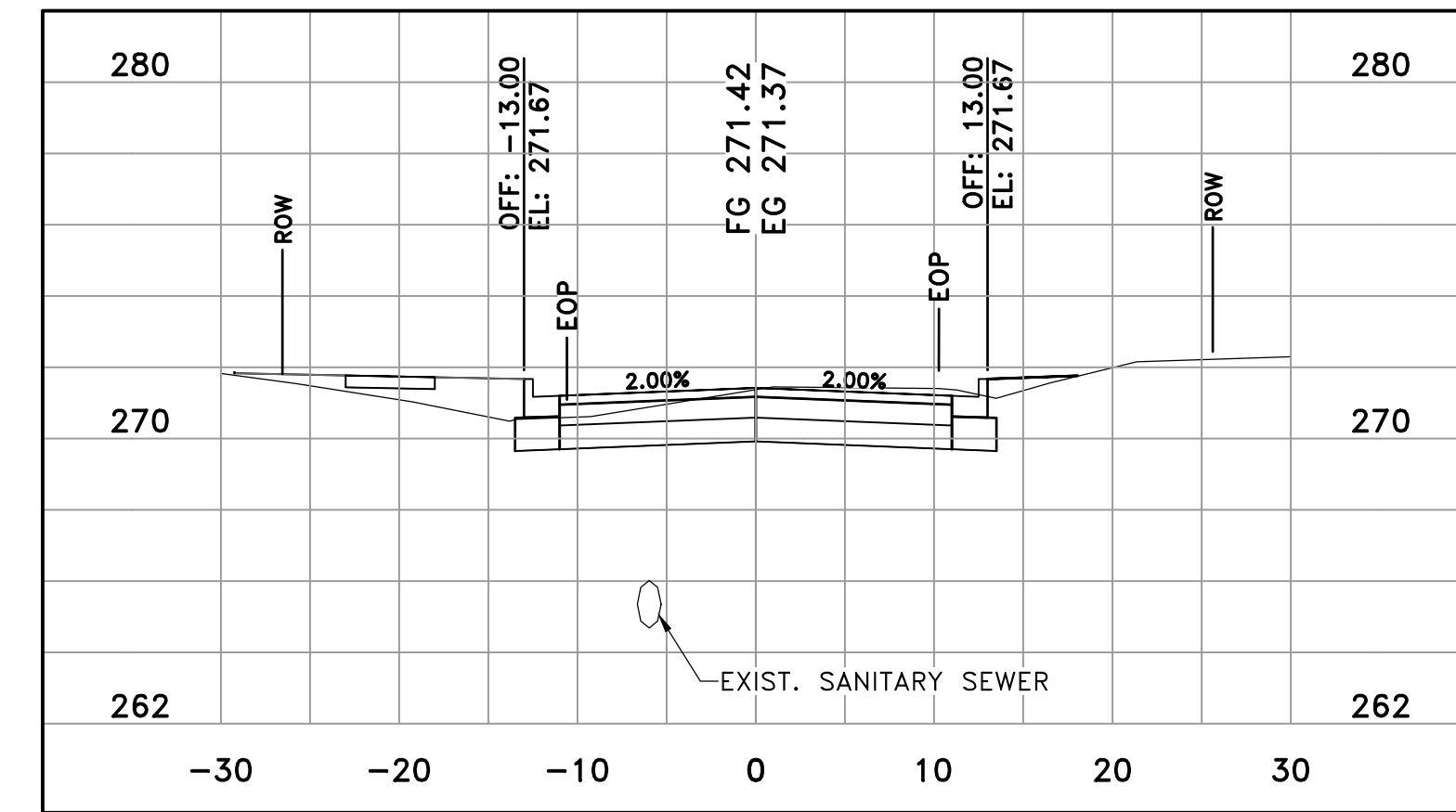
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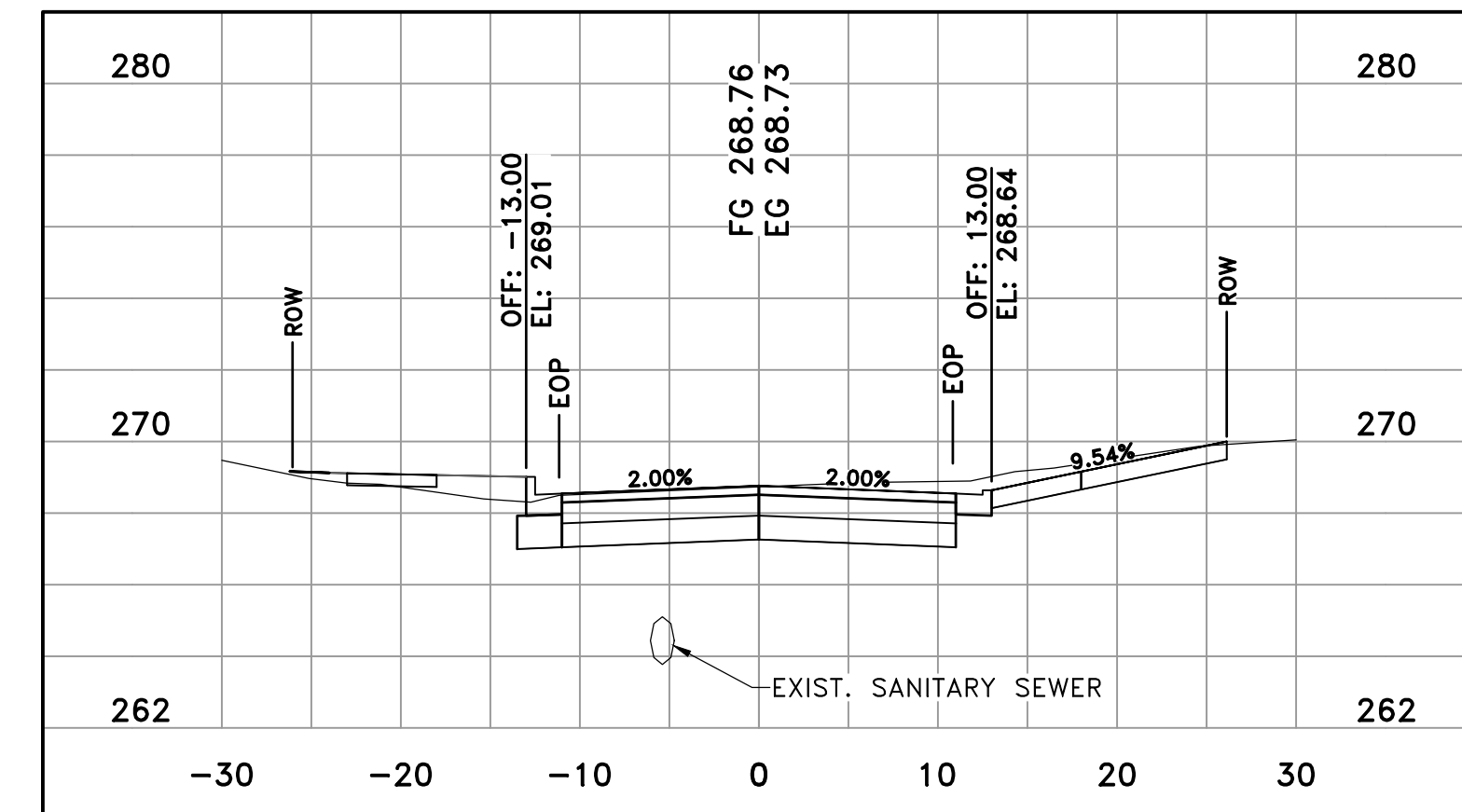
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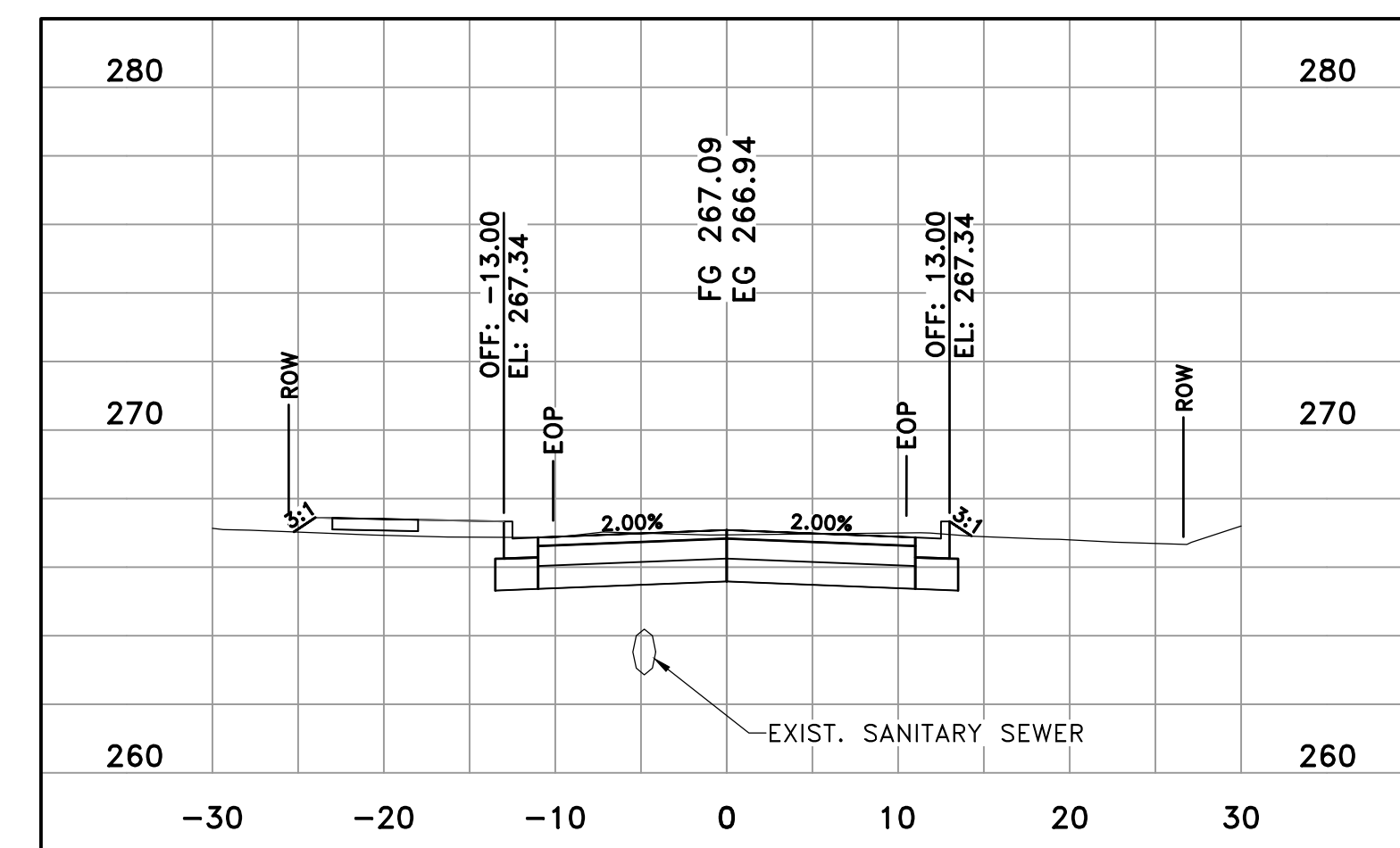
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27TH STREET  
14+50



27TH STREET  
14+00



27TH STREET  
13+50

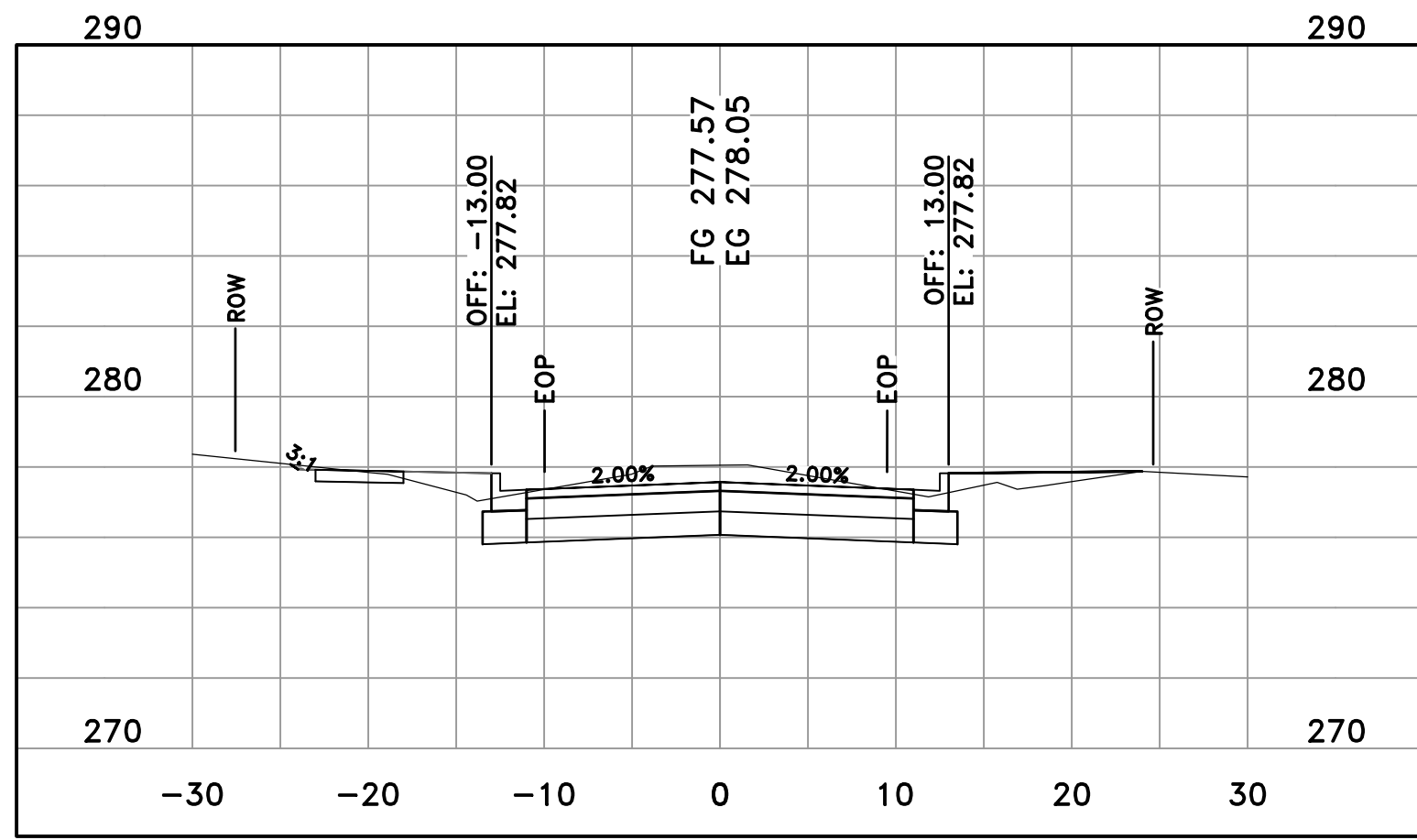
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
CROSS SECTIONS 27TH STREET

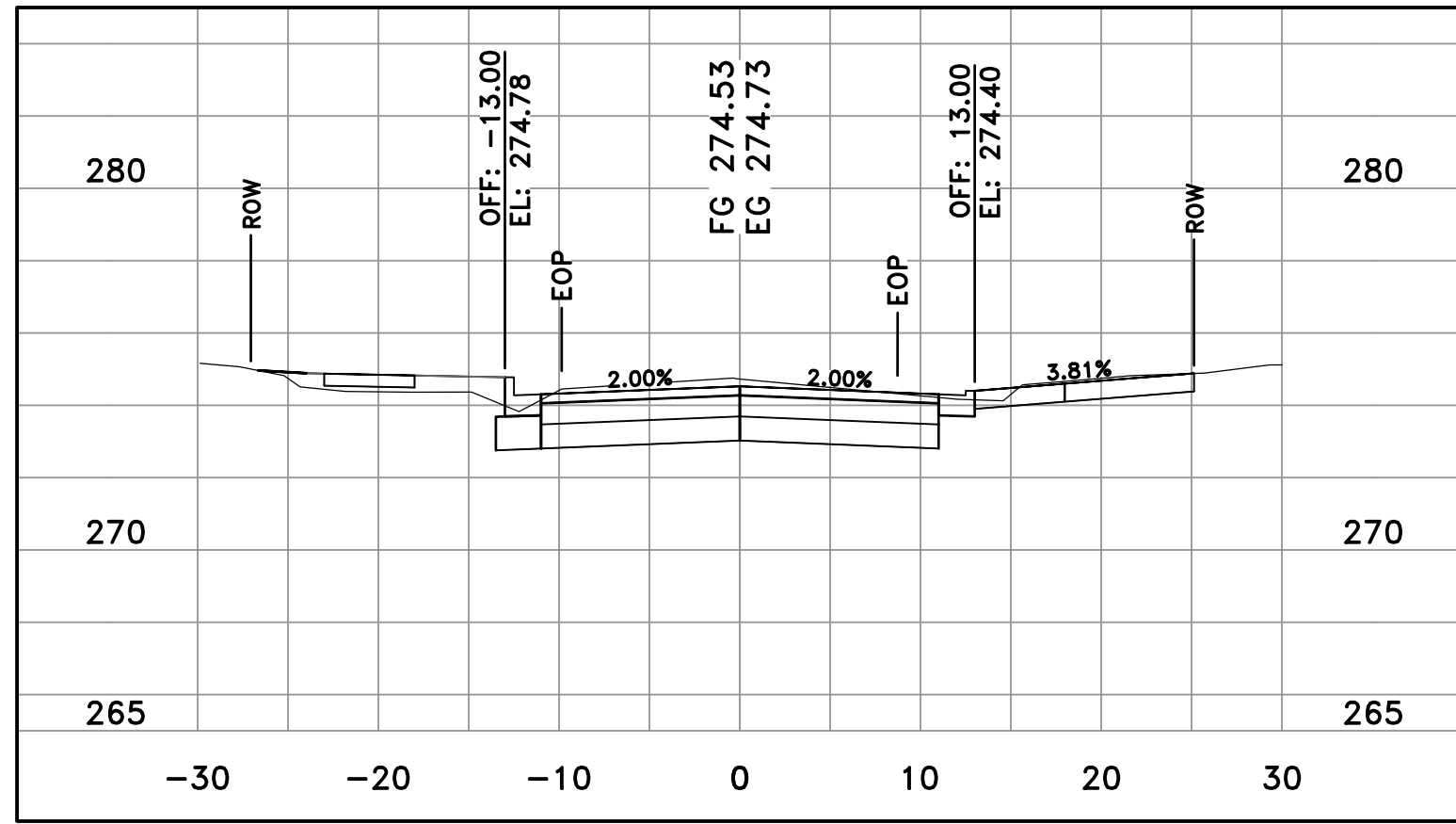
DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
701 W. MARKHAM  
LITTLE ROCK, ARKANSAS 72201



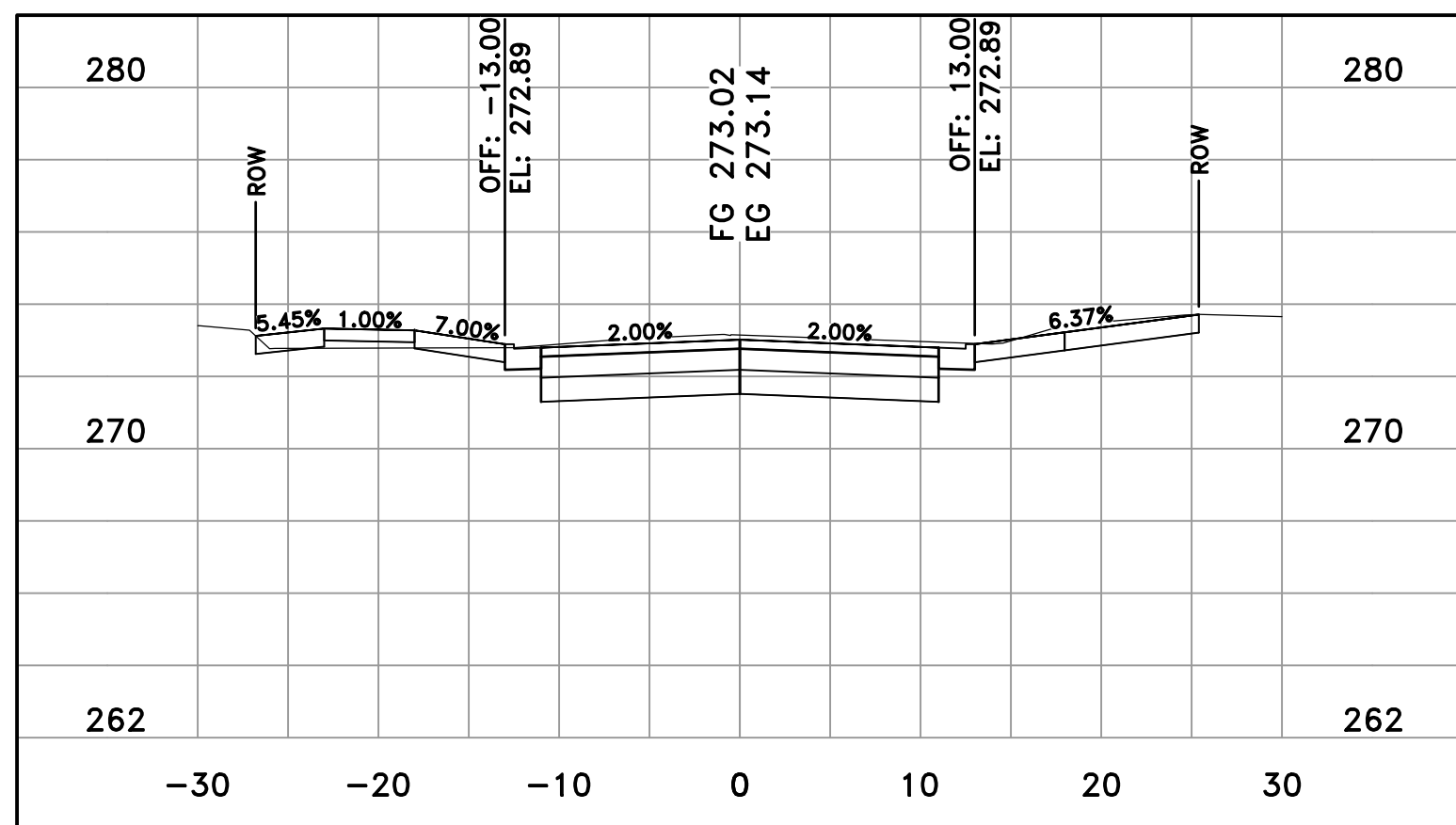
DRAWN BY  
KMH  
DESIGNED  
KMH  
CHECKED  
FJS  
DATE  
7-22-19  
SCALE H: 1"=10'  
V: 1"=5'  
PROJECT NO.  
01-17-ST-47  
SHEET NO.  
C12



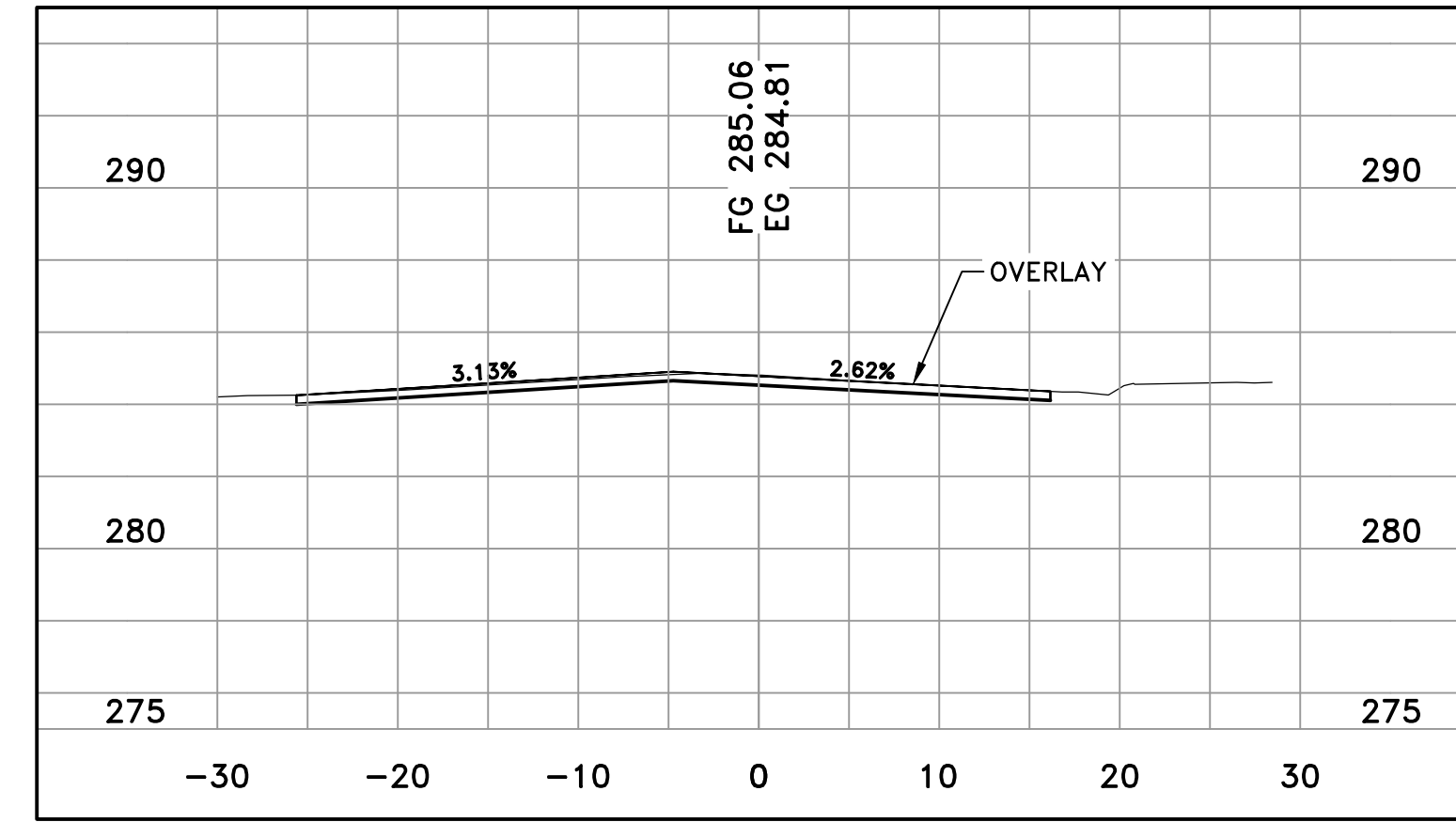
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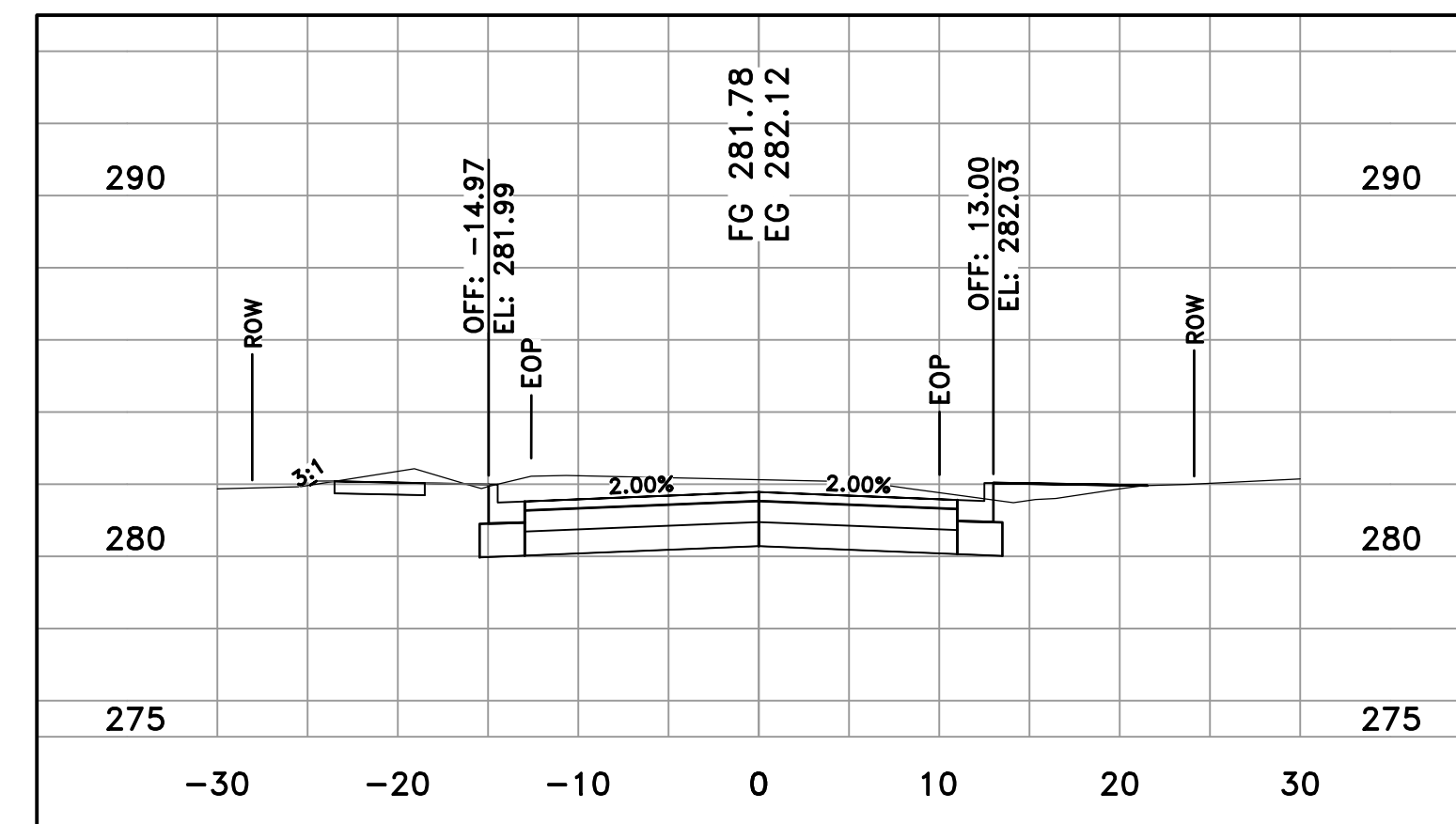
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27TH STREET  
14+74



27TH STREET  
16+38



27TH STREET  
16+00

REVISIONS	DATE

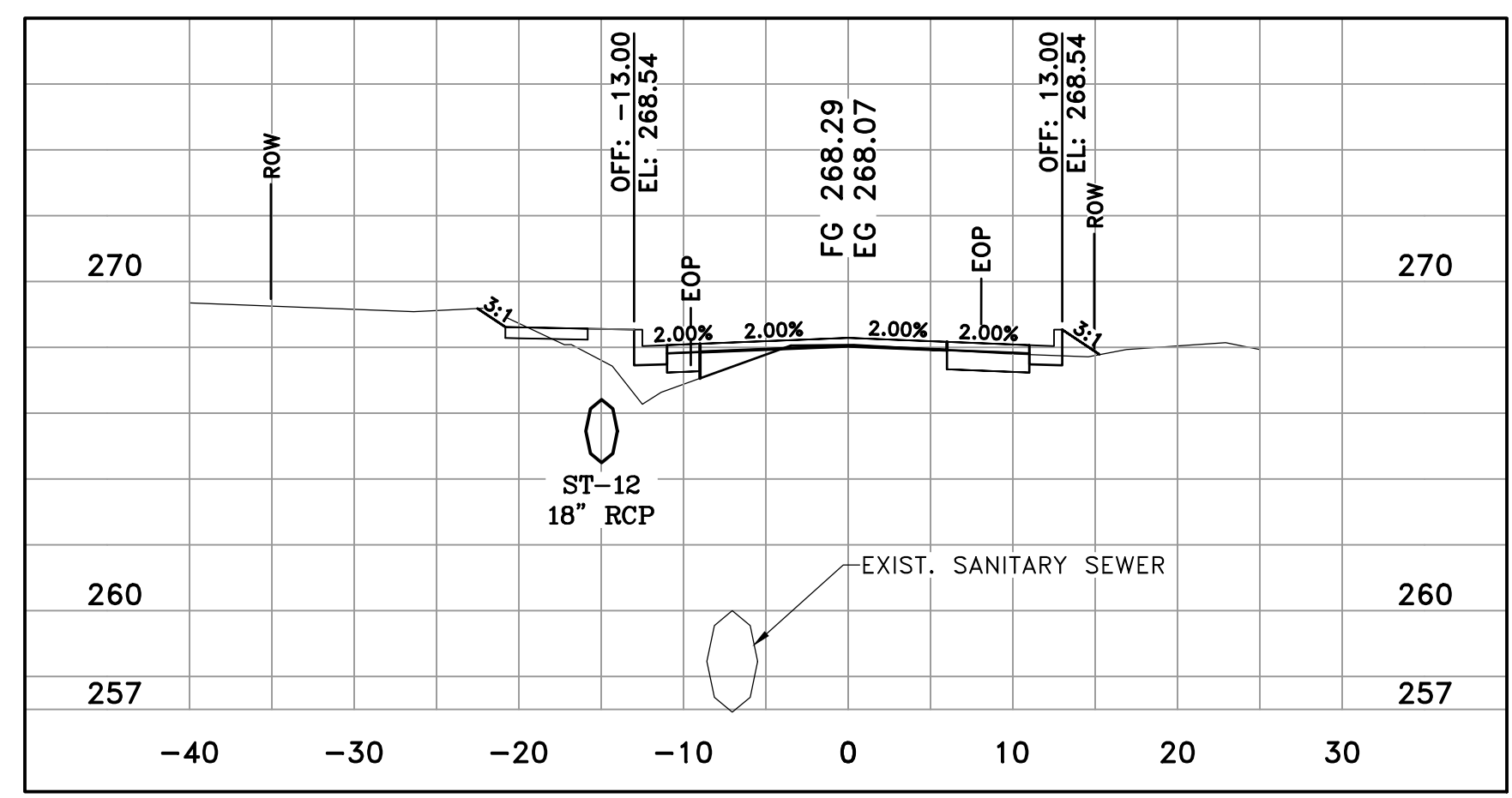
CITY OF LITTLE ROCK, ARKANSAS  
MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
CROSS SECTIONS 27TH STREET

DEPARTMENT OF PUBLIC WORKS  
CIVIL ENGINEERING  
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LITTLE ROCK, ARKANSAS 72201

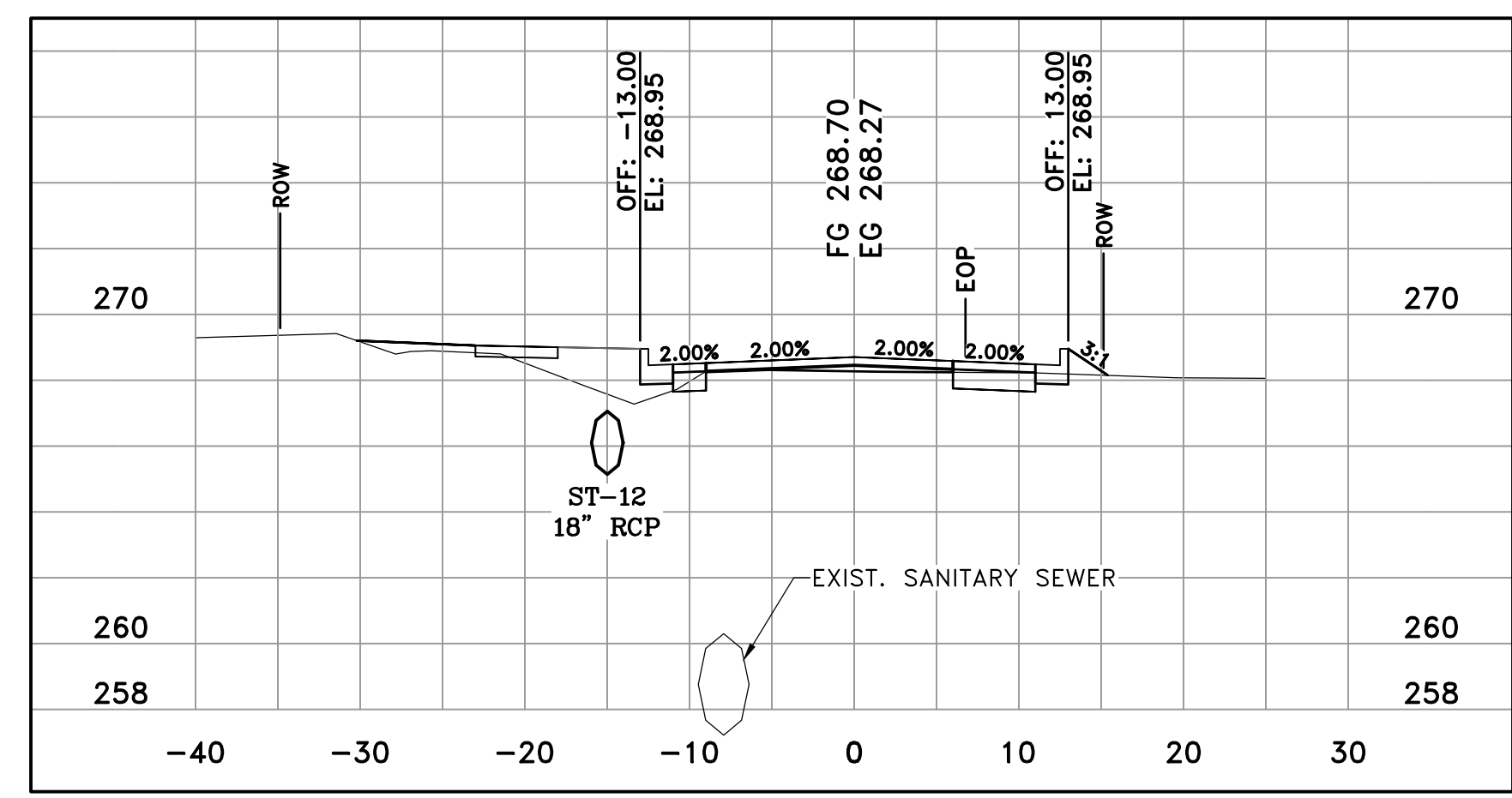


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CHECKED  
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7-22-19  
SCALE H: 1"=10'  
V: 1"=5'  
PROJECT NO.  
01-17-ST-47  
SHEET NO.  
C13

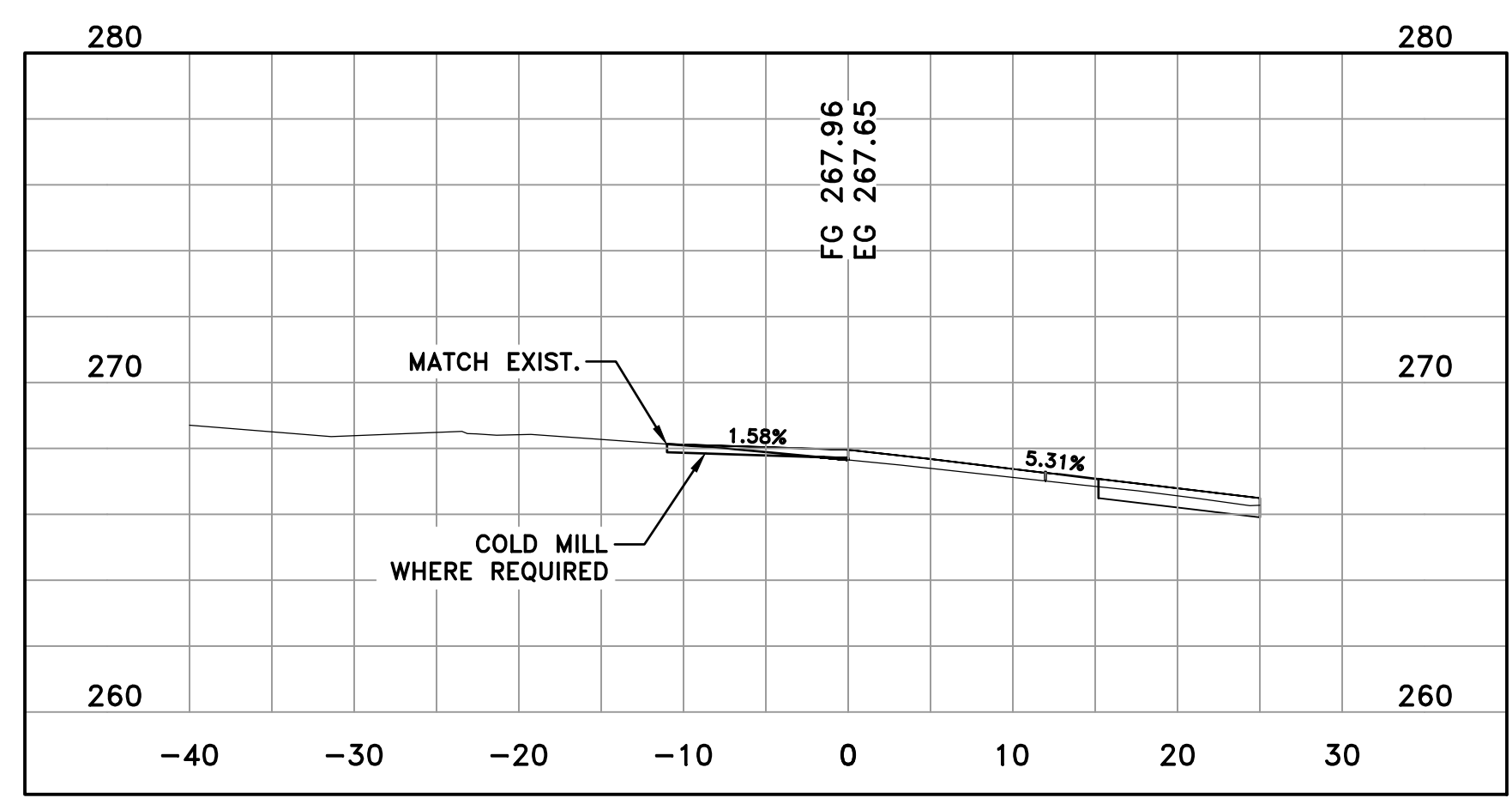
REVISIONS	DATE



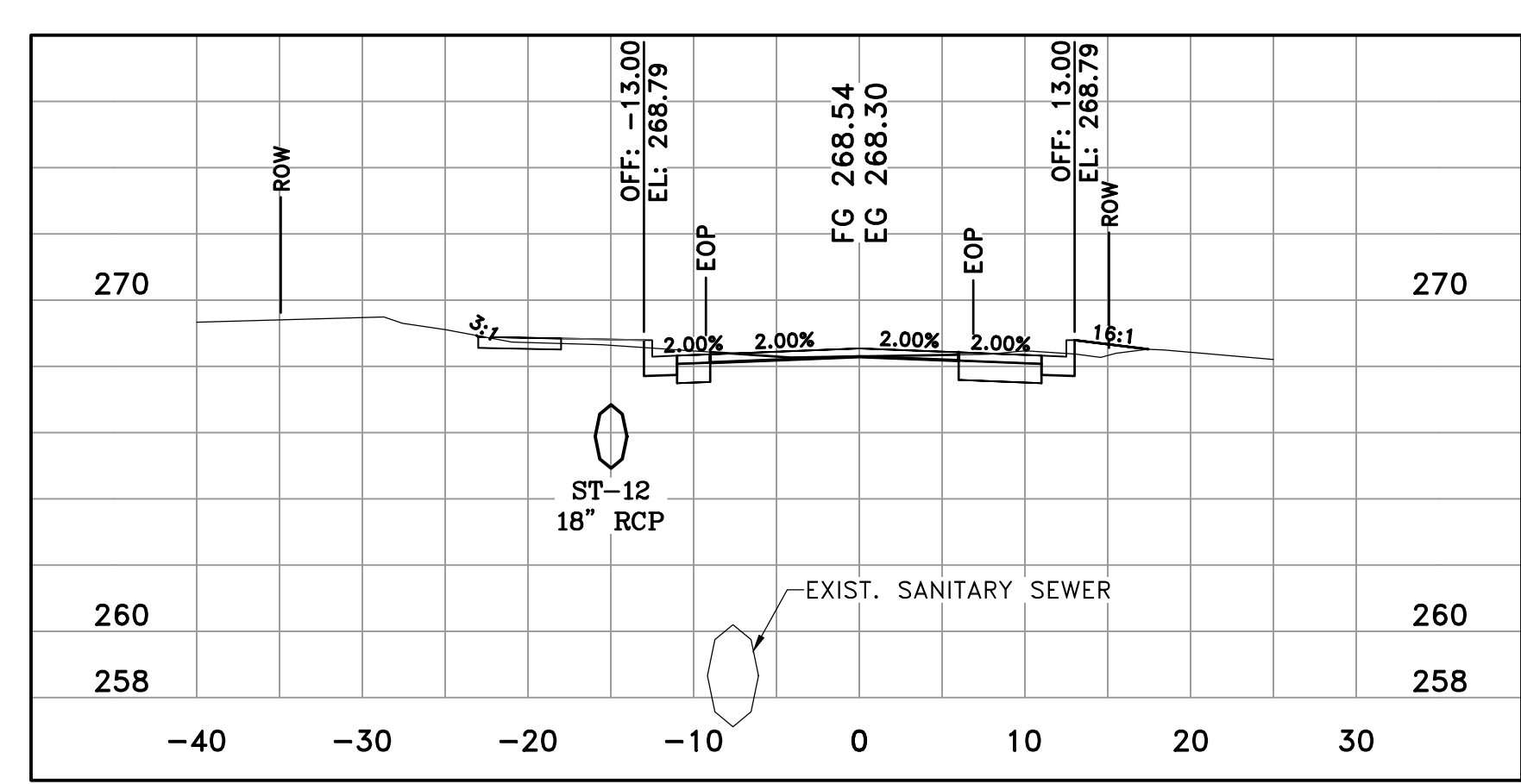
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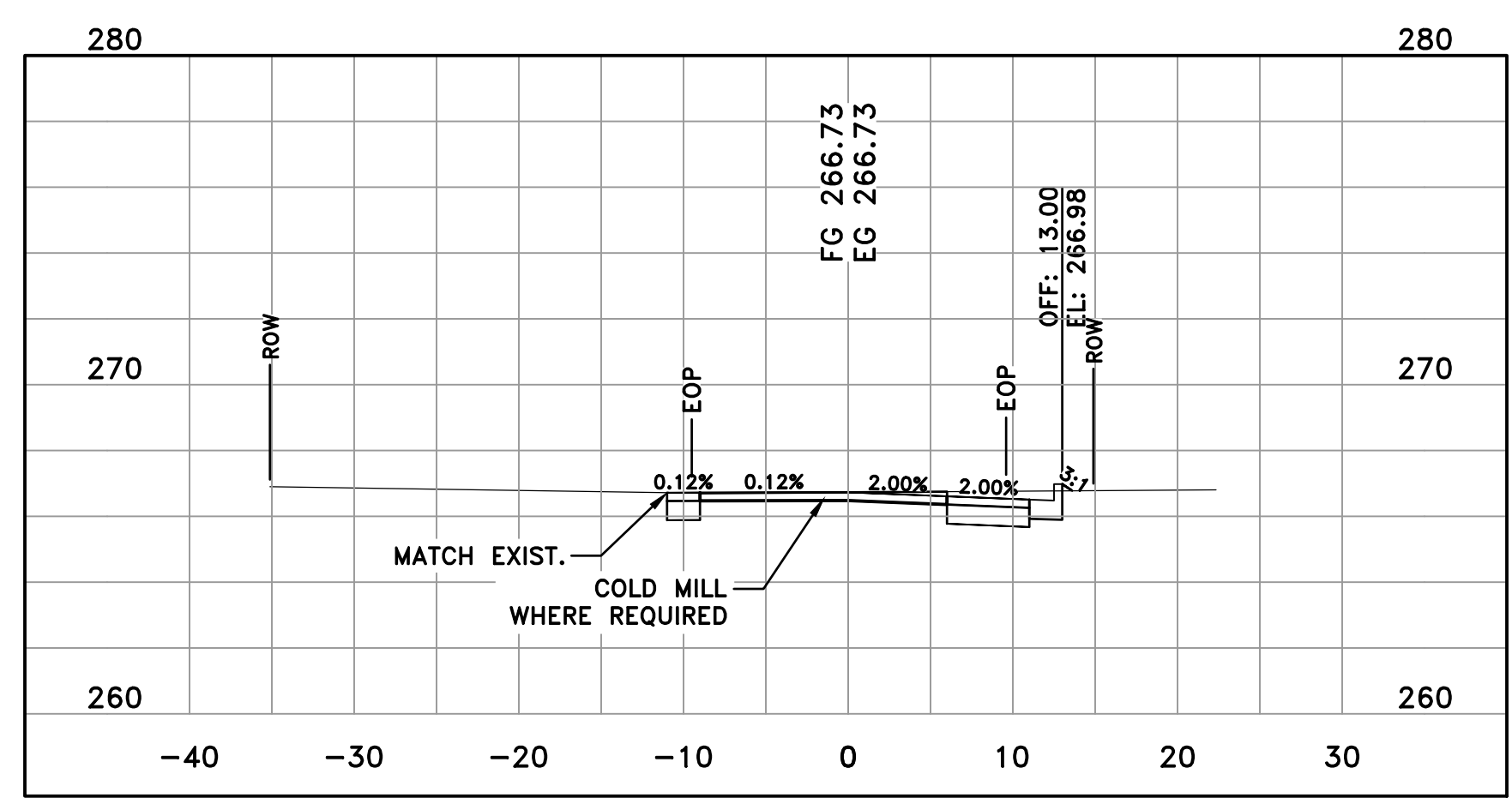
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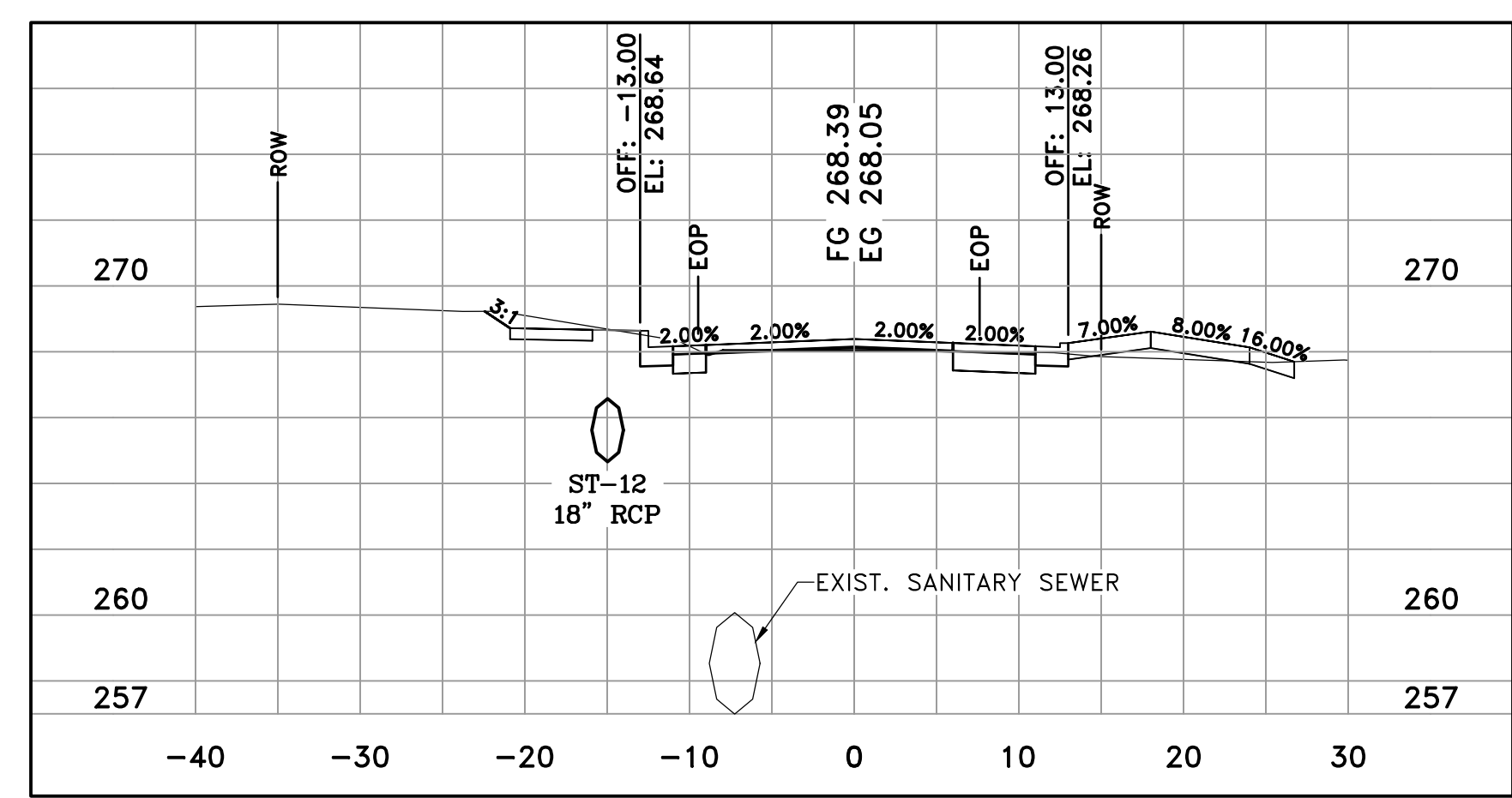
ABIGAIL STREET  
20+50



ABIGAIL STREET  
21+50



ABIGAIL STREET  
20+00



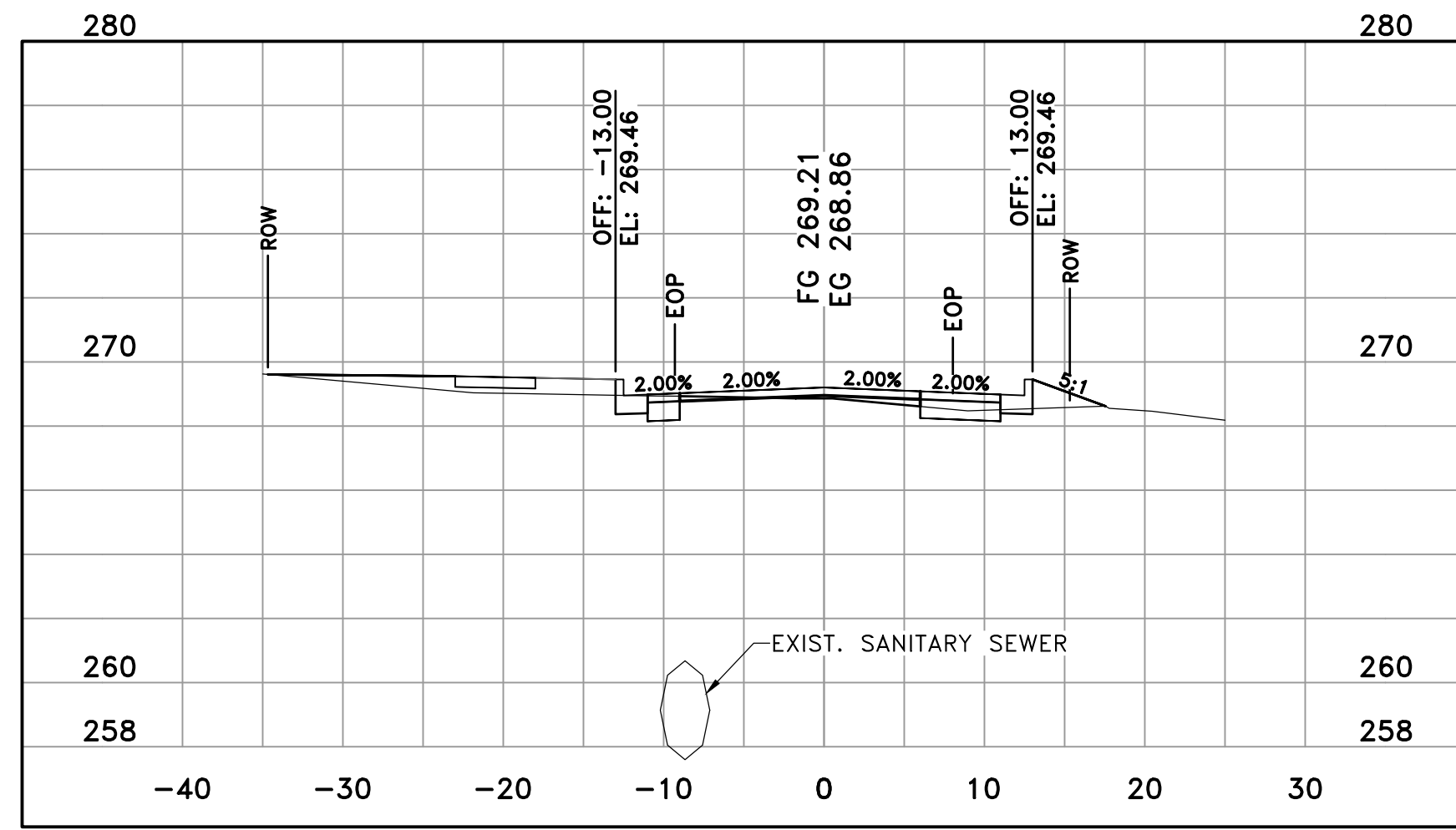
ABIGAIL STREET  
21+19

CITY OF LITTLE ROCK, ARKANSAS  
MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
CROSS SECTIONS

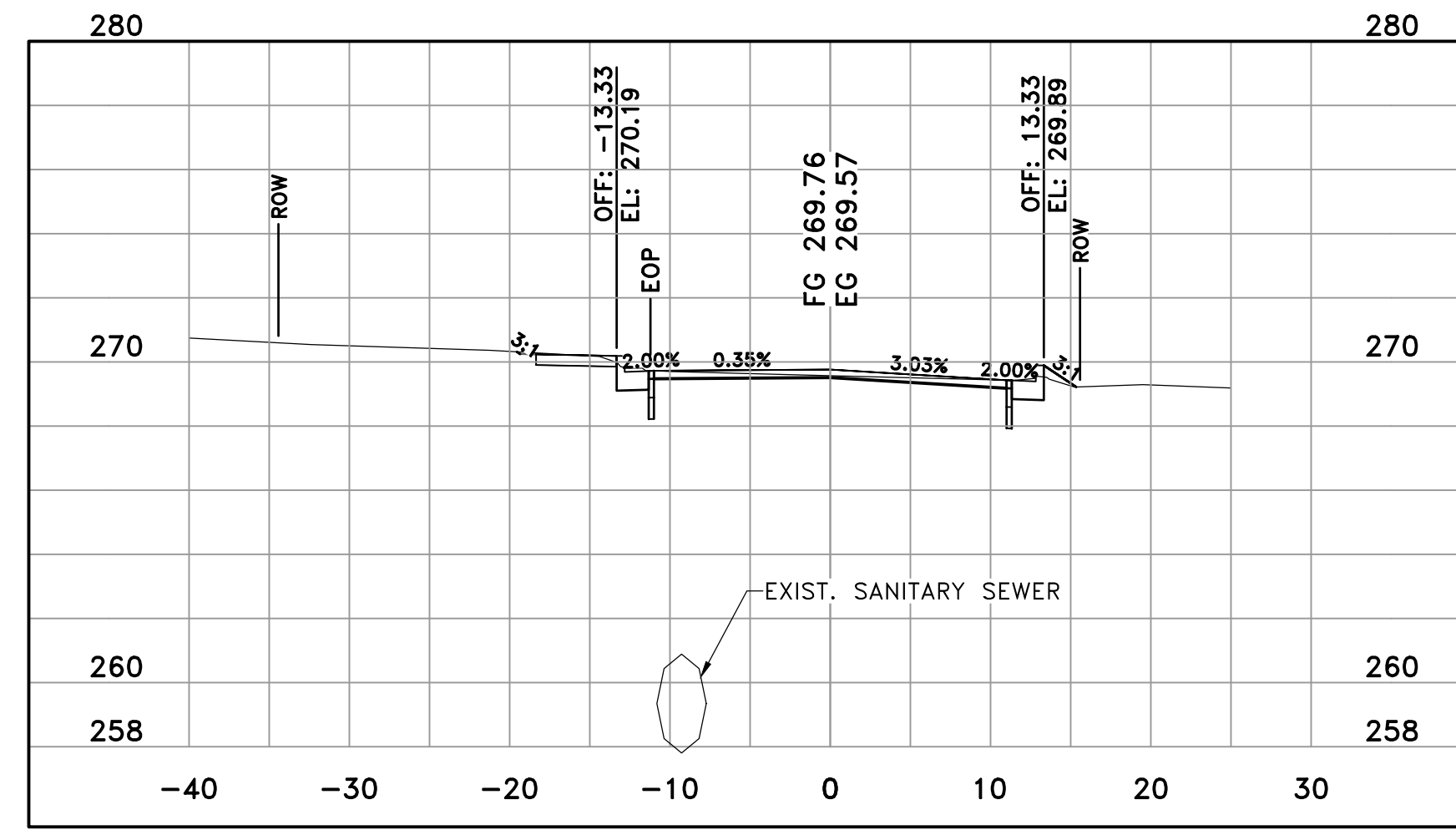
DEPARTMENT OF PUBLIC WORKS  
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LITTLE ROCK, ARKANSAS 72201



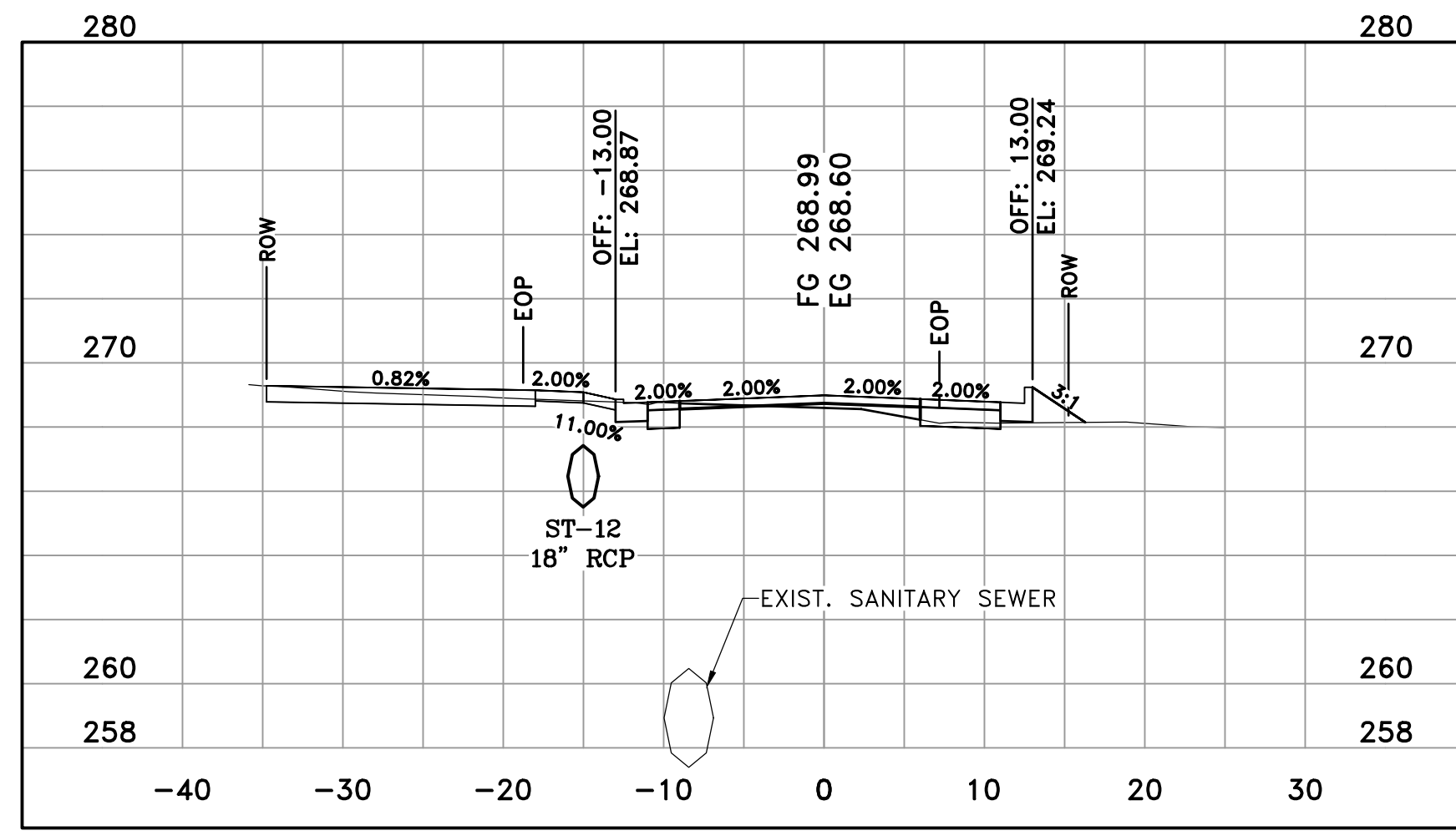
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7-22-19  
SCALE H: 1"=10'  
V: 1"=5'  
PROJECT NO.  
01-17-ST-47  
SHEET NO.  
C14



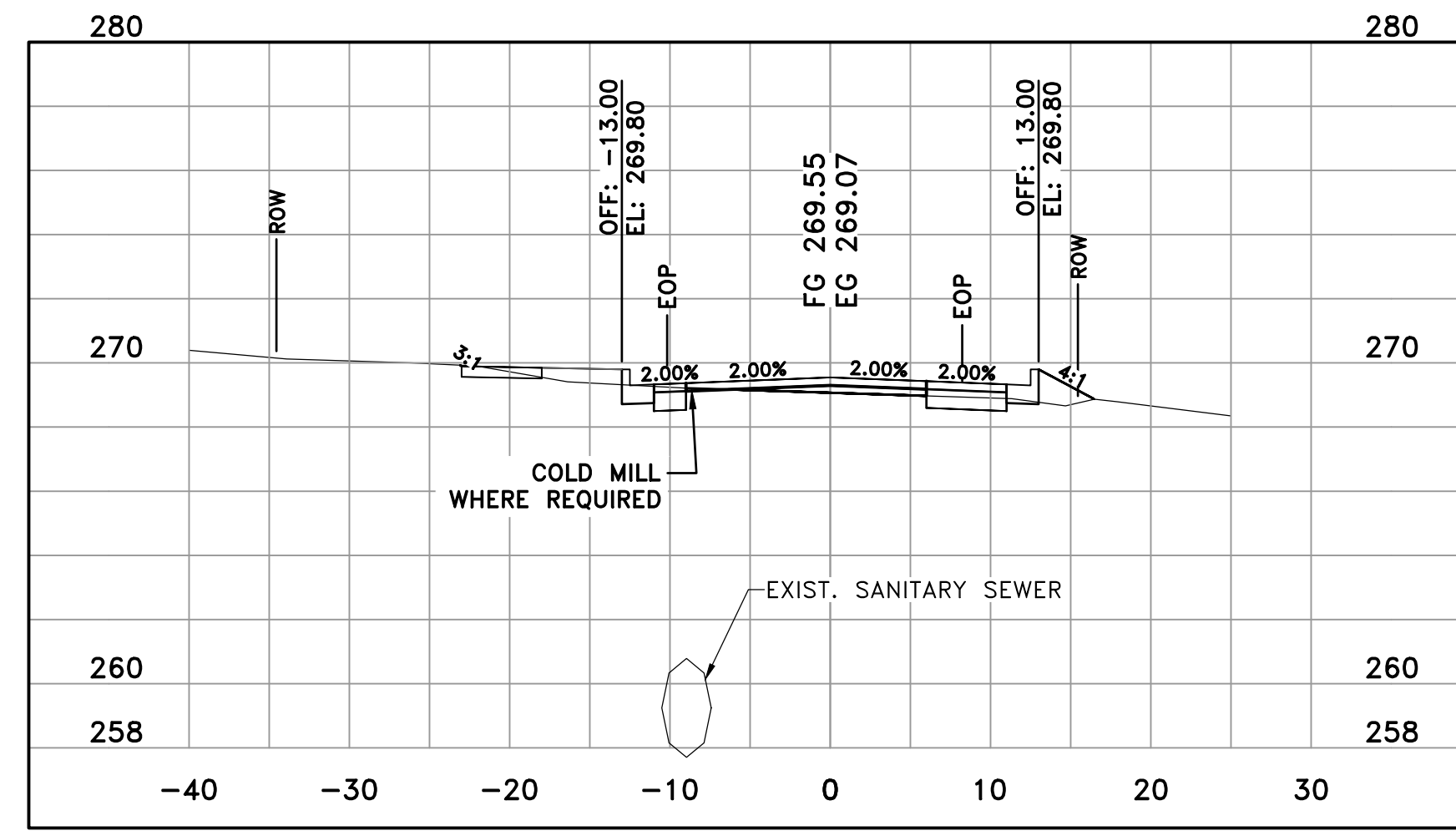
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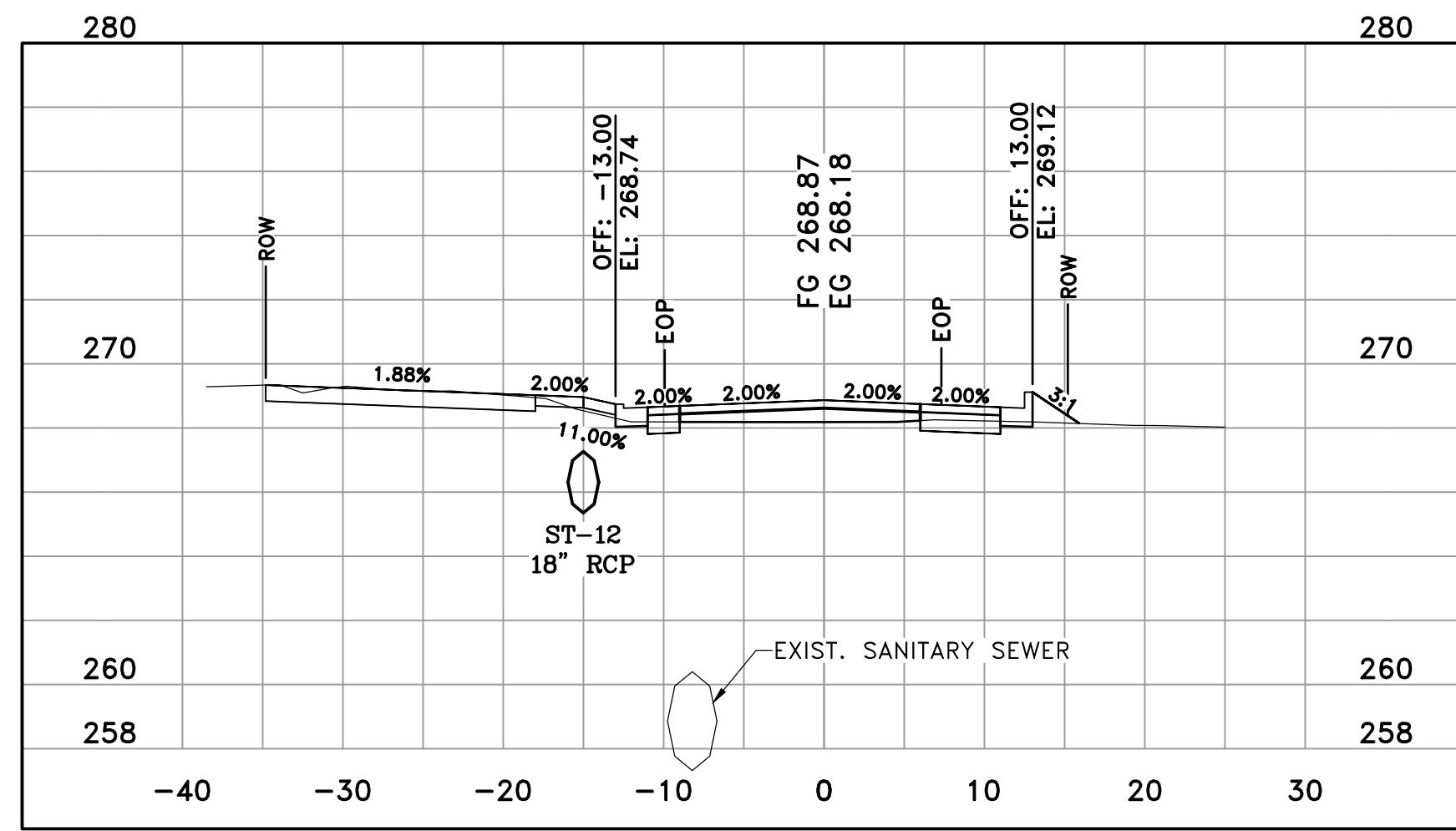
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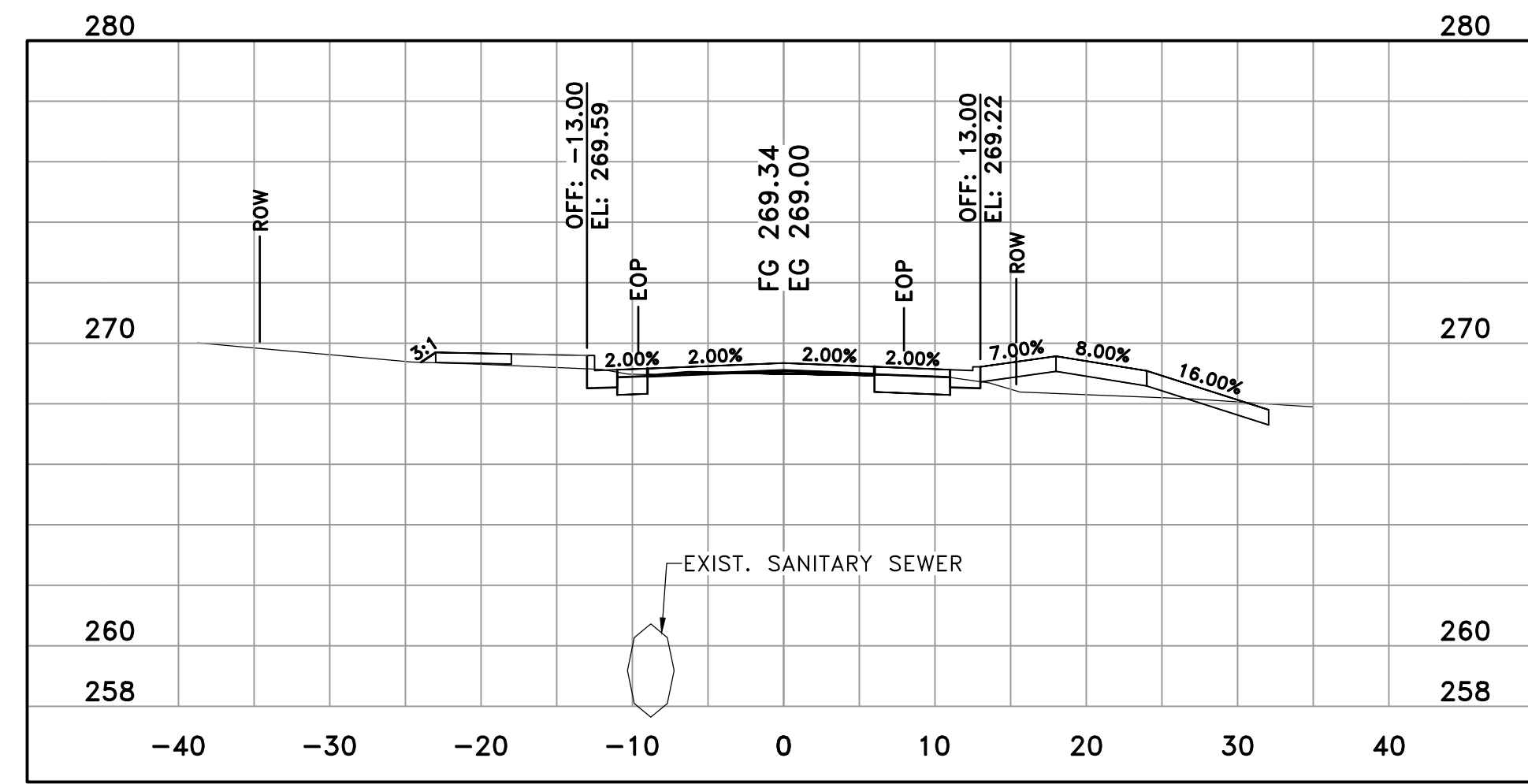
ABIGAIL STREET  
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ABIGAIL STREET  
23+00



ABIGAIL STREET  
22+00

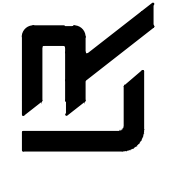


ABIGAIL STREET  
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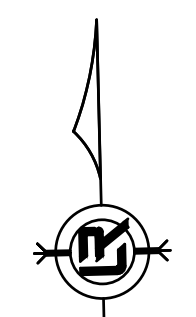
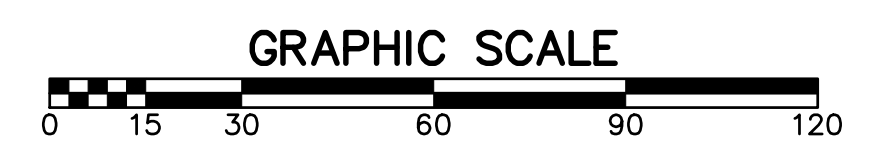
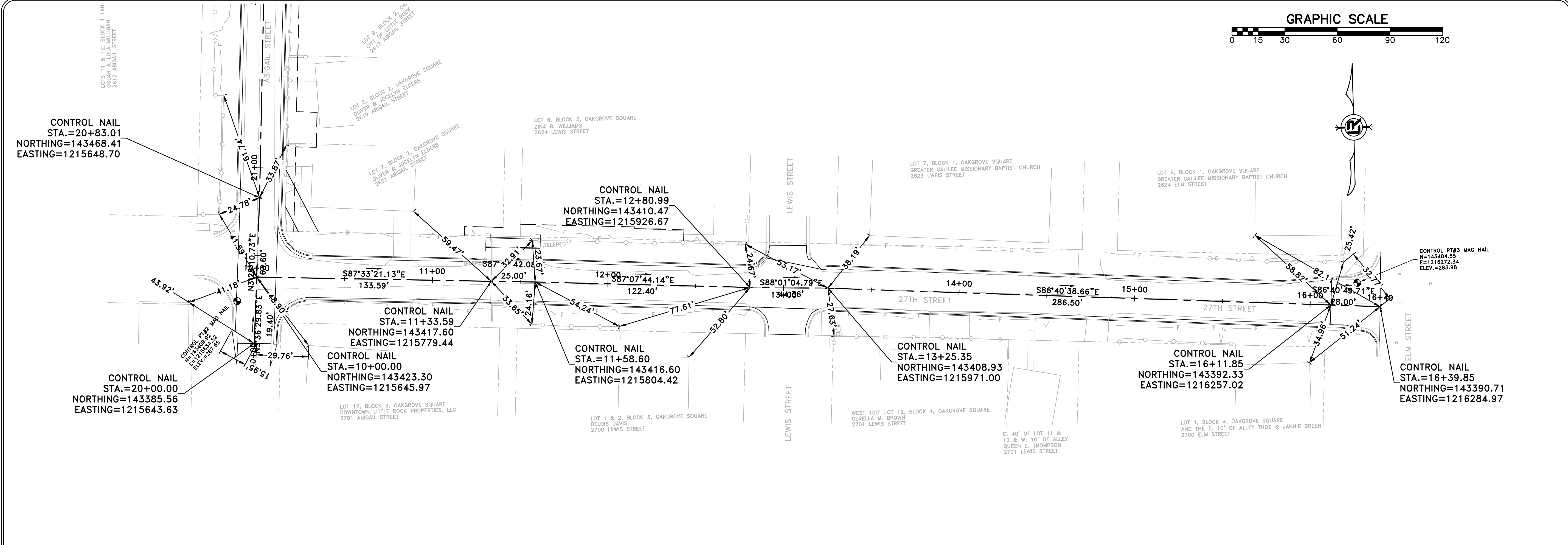
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS  
MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS  
CROSS SECTIONS ABIGAIL STREET

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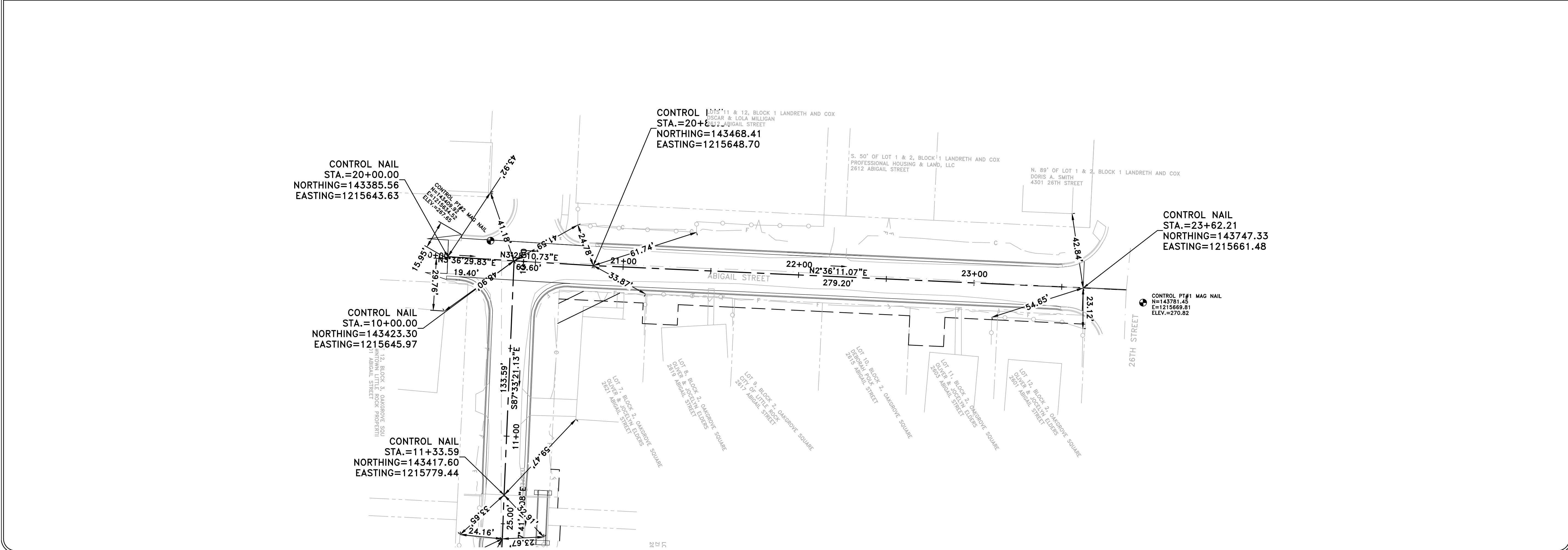


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DESIGNED  
KMH  
CHECKED  
FJS  
DATE  
7-22-19  
SCALE H: 1"=10'  
V: 1"=5'  
PROJECT NO.  
01-17-ST-47  
SHEET NO.  
C15



REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS**  
**CENTERLINE FIELD TIES / LAYOUT**

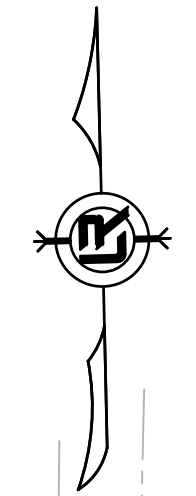
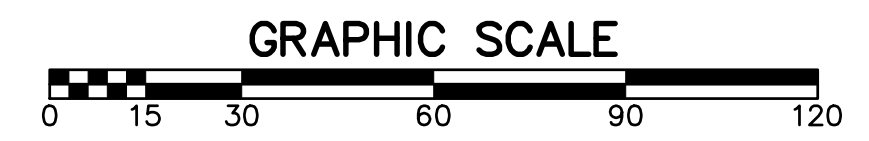


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**CHECKED**  
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**DATE**  
7-22-19  
**SCALE**  
1" = 20'  
**PROJECT NO.**  
01-17-ST-47  
**SHEET NO.**  
C16

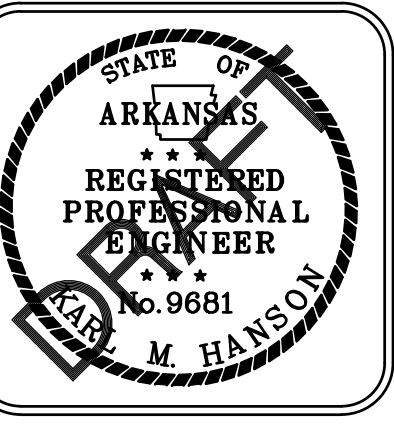




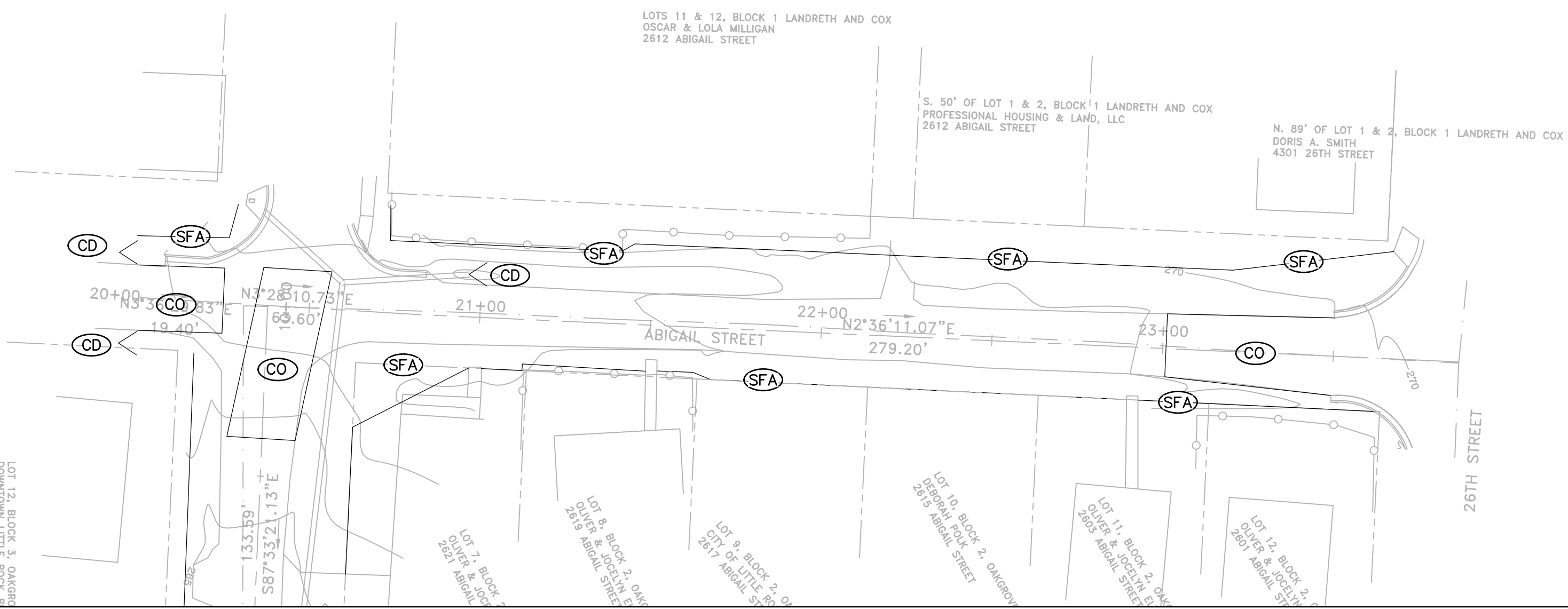
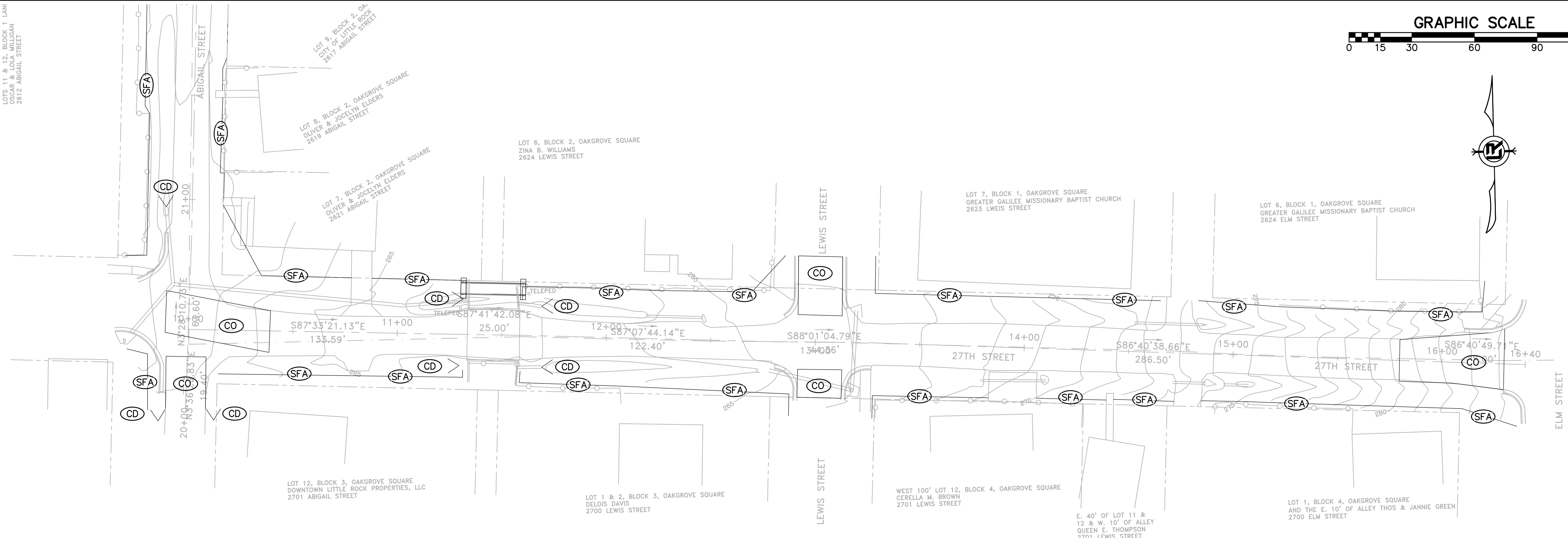
REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS**  
**EROSION CONTROL PHASE 1**

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



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**DATE**  
**7-22-19**  
**SCALE**  
**1" = 20'**  
**PROJECT NO.**  
**01-17-ST-47**  
**SHEET NO.**  
**C17**



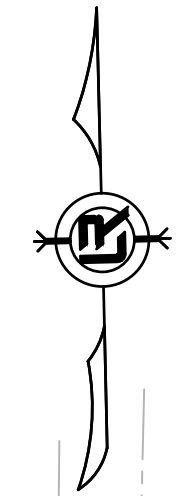
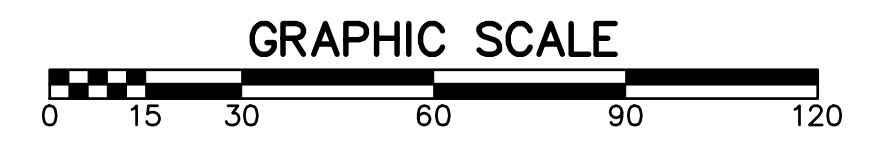
CONSTRUCTION - ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SB1)
SILT FENCE - TYPE A	(SFA)
SILT FENCE - TYPE B	(SFB)
SILT FENCE - TYPE C	(SFC)
STORM DRAIN OUTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	(TS3)
MATTING/BLANKETS	(Mb)

**PHASE 1**

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE / EXIT(S) AND SWPPP INFORMATION SIGN.
2. INSTALL SILT FENCE(S) ON THE SITE. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE.
3. PREPARE TEMPORARY PARKING AND STORAGE AREA.
4. HALT ALL ACTIVITIES AND CONTACT THE CITY OF LITTLE ROCK TO PERFORM INSPECTION AND ACCEPTANCE OF BMP'S.
5. CONSTRUCT AND STABILIZE SEDIMENT BASIN(S) AND SEDIMENT TRAP(S) WITH APPROPRIATE OUTFALL STRUCTURES. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL BASINS AND TRAPS.
6. INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (DIKES, SWALES, CHECK DAMS, ETC.) CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL HYDRAULIC CONTROL DEVICES.

**CONSTRUCTION EROSION CONTROL BEST MANAGEMENT PRACTICES**

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILERS, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAPS.



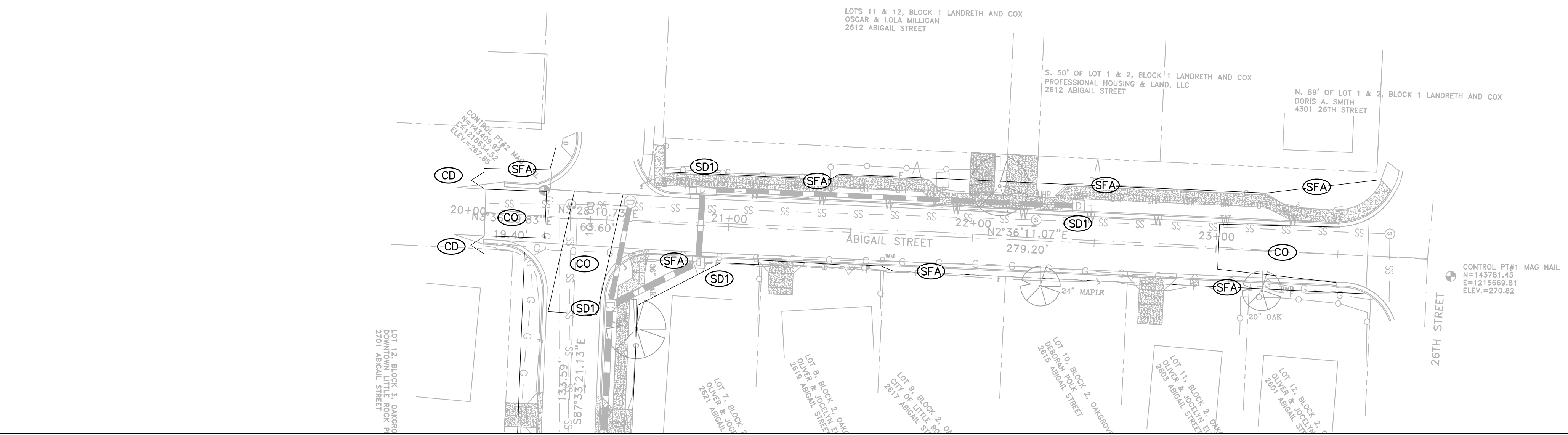
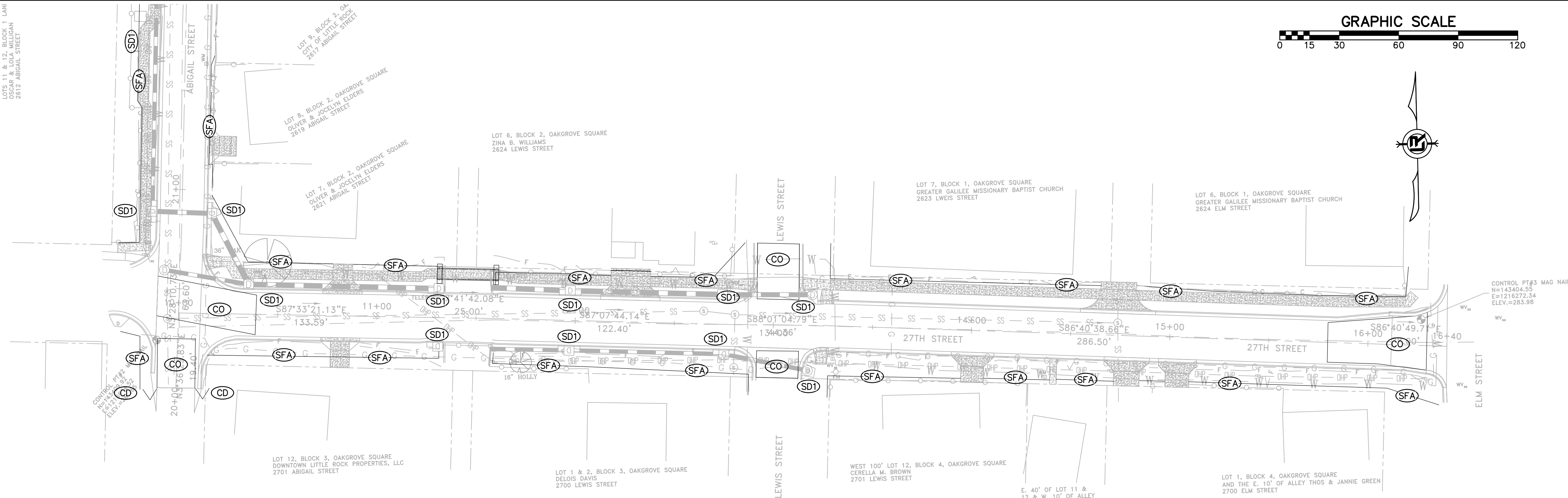
REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS**  
**EROSION CONTROL PHASE 2**

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



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**DESIGNED**  
**KMH**  
**CHECKED**  
**FJS**  
**DATE**  
**7-22-19**  
**SCALE**  
**1" = 20'**  
**PROJECT NO.**  
**01-17-ST-47**  
**SHEET NO.**  
**C18**



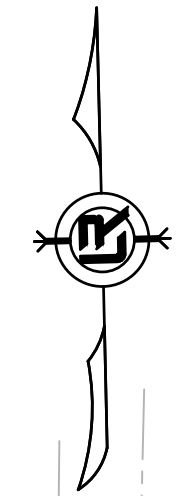
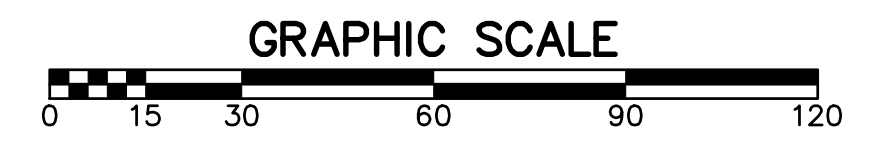
CONSTRUCTION - ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SB1)
SILT FENCE - TYPE A	(SFA)
SILT FENCE - TYPE B	(SFB)
SILT FENCE - TYPE C	(SFC)
STORM DRAIN OUTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	(TS3)
MATTING/BLANKETS	(Mb)

**CONSTRUCTION EROSION CONTROL BEST MANAGEMENT PRACTICES**

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILERS, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAPS.

**PHASE 2**

- BEGIN SITE DEMOLITION, CLEARING, AND GRUBBING.
- CONTINUE GRADING THE SITE.
- INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, AND INLETS.
- PREPARE SUBGRADE, ROAD BASE, AND CURBS AND GUTTERS.
- CONSTRUCT DRIVEWAY TRANSITIONS.
- INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.



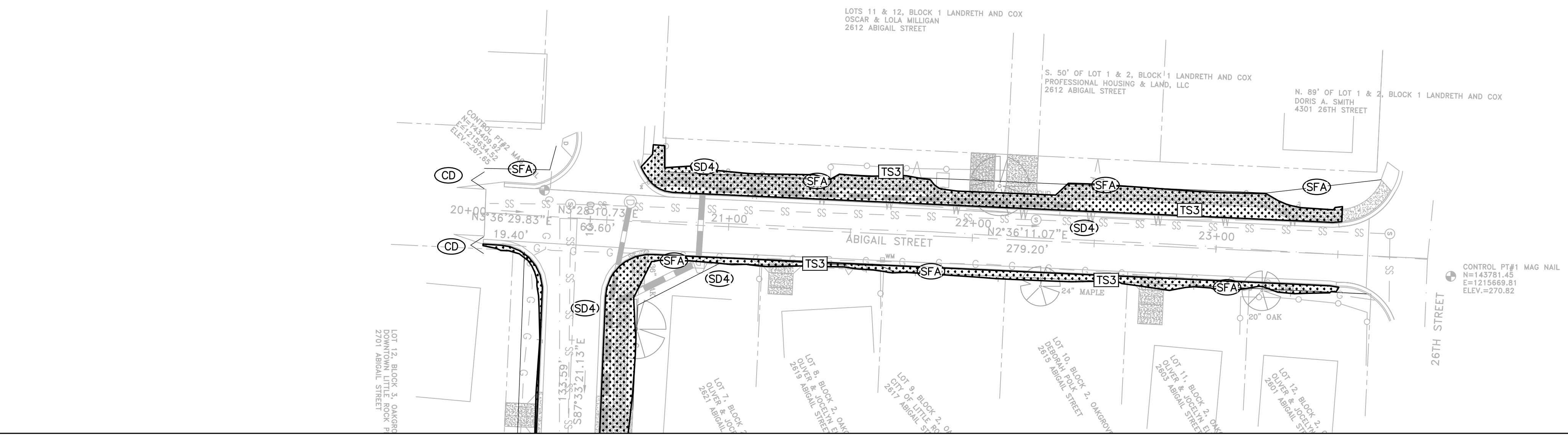
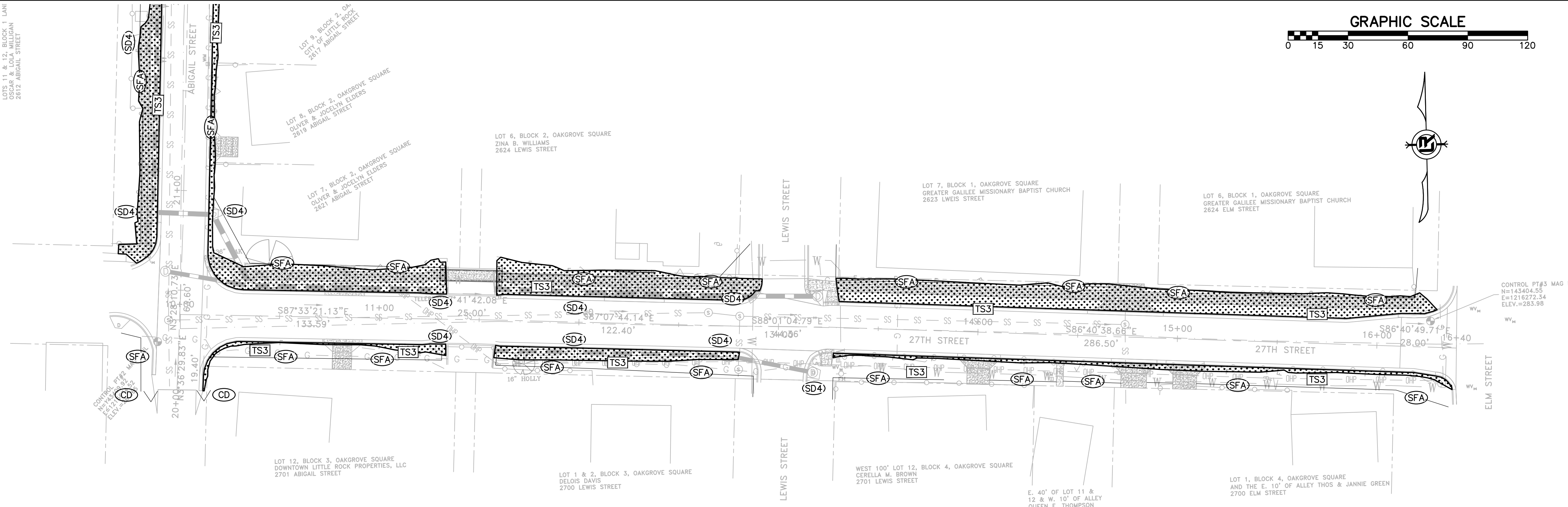
REVISIONS	DATE

**CITY OF LITTLE ROCK, ARKANSAS**  
**MIDTOWN NEIGHBORHOOD ASSOCIATION STREETS**  
**EROSION CONTROL PHASE 3**

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



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**DESIGNED**  
**KMH**  
**CHECKED**  
**FJS**  
**DATE**  
**7-22-19**  
**SCALE**  
**1" = 20'**  
**PROJECT NO.**  
**01-17-ST-47**  
**SHEET NO.**  
**C19**



CONSTRUCTION - ENTRANCE/EXIT	(CO)
CHECK DAM	(CD)
DIVERSION BERM	(DI)
DOWNDRAIN STRUCTURE - TEMPORARY	(DN)
ROCK DAM	(RD)
SEDIMENT BARRIER - SILT FENCE	(SD1)
SEDIMENT BARRIER - GRAVEL RING	(SD2)
SEDIMENT BARRIER - BLOCK & GRAVEL	(SD3)
SEDIMENT BARRIER - BLOCK	(SD4)
TEMPORARY SEDIMENT BASIN	(SB1)
SILT FENCE - TYPE A	(SFA)
SILT FENCE - TYPE B	(SFB)
SILT FENCE - TYPE C	(SFC)
STORM DRAIN OUTLET PROTECTION	(ST)
SURFACE ROUGHENING	(SU)
DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	(TS1)
DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	(TS2)
DISTURBED AREA STABILIZATION - PERMANENT GRASSING	(TS3)
MATTING/BLANKETS	(Mb)

**CONSTRUCTION EROSION CONTROL BEST MANAGEMENT PRACTICES**

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILERS, PARKING, LAY DOWN, PORTA-POTTY, WHEEL WASH, CONCRETE WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS IMPORTED FROM OR SOIL IS EXPORTED TO ON THE SITE MAPS.

**PHASE 3**

1. FINISH GRADE SIDE SLOPES AND PREPARE SUBGRADES FOR SIDEWALKS, ETC.
2. PREPARE SITE FOR PAVING.
3. PAVE WHERE INDICATED ON PLANS. CONSTRUCT SIDEWALKS.
4. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.
5. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL NON-PAVED AREAS.