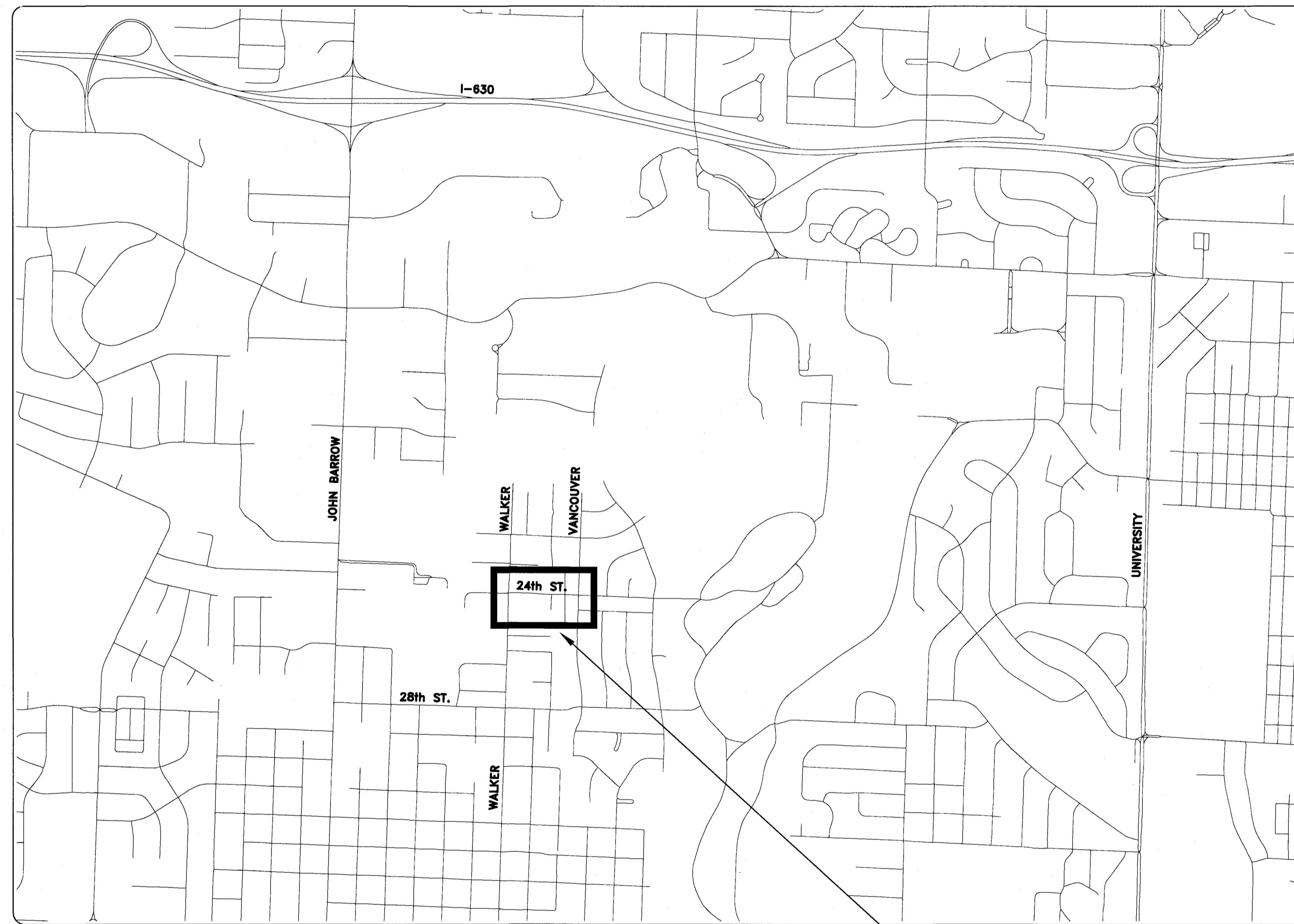


16-6-ST-1

WEST 24TH STREET

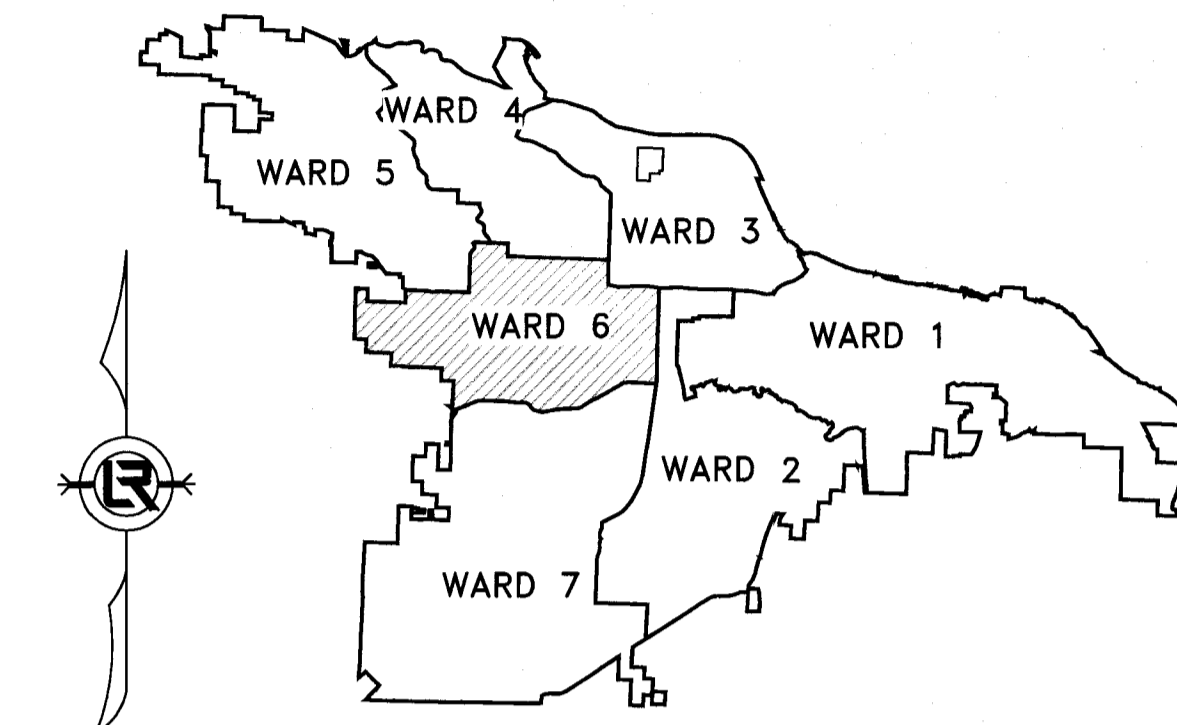
FROM WALKER ST. TO VANCOUVER ST.



SCALE: 1"=1000'

PROJECT LOCATION

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



PROJECT LOCATION - WARD 6

SHEET NO.	TITLE
1	COVER SHEET
2	QUANTITIES, LEGEND, AND TYPICAL SECTIONS
3	STA 10+00 TO STA 14+50 PLAN AND PROFILE
4	STA 14+50 TO END PLAN AND PROFILE
5	DRIVEWAY PLANS
6	CROSS SECTIONS
7	CROSS SECTIONS
8	CROSS SECTIONS
9	SURVEY CONTROL AND RIGHT OF WAY PLANS
10	EROSION CONTROL PLAN

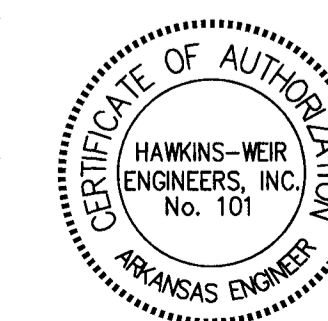


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 211 Natural Resources Drive Little Rock, AR 72205 (501) 374-4846

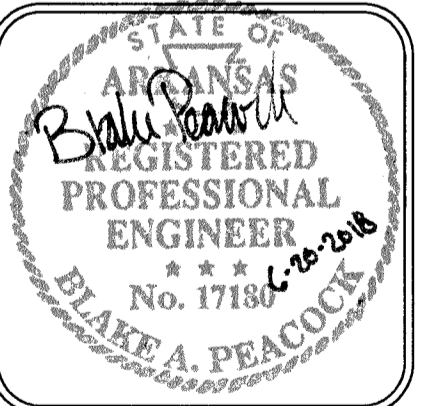
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REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 WEST 24TH STREET
 COVER SHEET

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

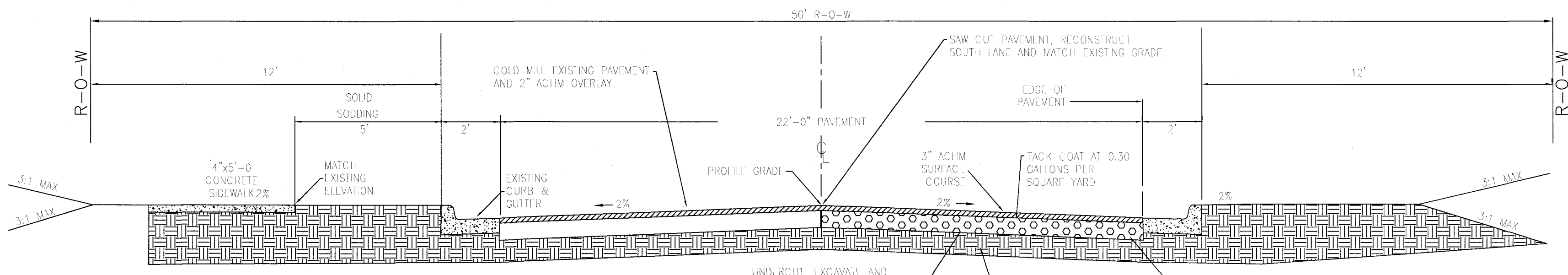


DRAWN BY
 JCW
 DESIGNED
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 CHECKED
 JKS
 DATE
 6-20-2018
 SCALE
 N.T.S.
 PROJECT NO.
 16-6-ST-1
 SHEET NO.
 1

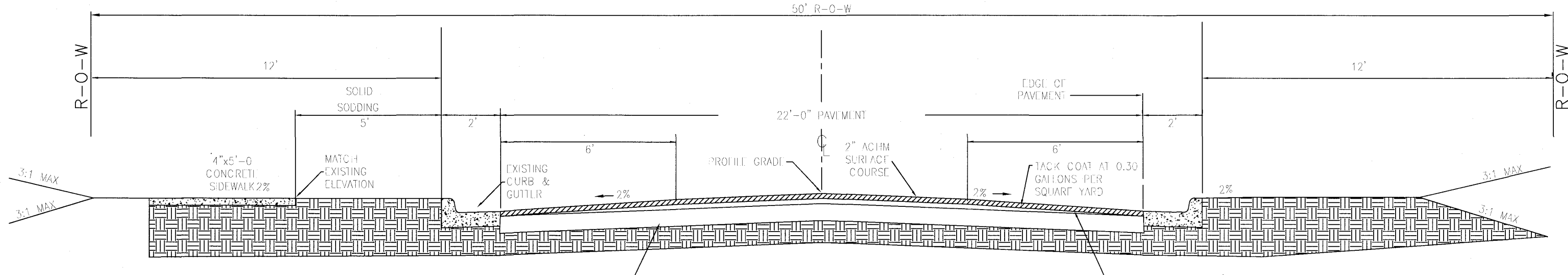
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CLR PROJECT # 16-6-ST-1 24TH STREET Jun-18			
QUANTITY TABLE			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
2.01	SITE PREPARATION (INCLUDING MOBILIZATION)	1	LS
3.01	UNCLASSIFIED EXCAVATION	1000	CY
3.06	BORROW MATERIAL	400	CY
4.01	AGGREGATE BASE COURSE (CLASS 7)	230	TON
5.01	TACK COAT	635	GAL
6.01	ASPHALT SURFACE COURSE	275	TON
7.04	CONCRETE DRIVE (PRIVATE 4")	2200	SF
8.01	CONCRETE CURB & GUTTER	610	LF
9.01	CONCRETE SIDEWALK	3650	SF
10.01	JUNCTION BOX	1	EA
10.04	CURB INLET (4' x 4')	5	EA
10.05	CURB INLET (4' x 8')	4	EA
10.07	WING 3' EXTENSION	6	EA
10.10	WING 6' EXTENSION	3	EA
13.18C	STORM DRAIN PIPES, 18" CROSS DRAIN	27	LF
13.18A	STORM DRAIN PIPE, 14" X 22" ARCH RCP	55	LF
13.24S	STORM DRAIN PIPES, 24" SIDE DRAIN	162	LF
13.24A	STORM DRAIN PIPE, 18" X 29" ARCH RCP	459	LF
14.01	SOLID SODDING (BERMUDA)	2170	SY
16.01	MAINTENANCE OF TRAFFIC AND TRAFFIC CONTROL	1	LS
18.10	WATER FOR DUST CONTROL	20000	GAL
18.50	ACCESS RAMP	60	SF
19.01	FINAL CLEAN-UP	1	LS
23.01	B STONE	500	TON
24.01	CONSTRUCTION ENTRANCE	1	EA
24.02	CHECK DAM (CD)	5	EA
24.06	SEDIMENT BARRIER, SILT FENCE (SD1)	12	EA
24.09	SEDIMENT BARRIER, BLOCK (SD4)	12	EA
24.11	SILT FENCE - TYPE A (SFA)	1500	LF
24.16	DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION (TS1)	0.5	AC
26.01	TRENCH AND EXCAVATION SAFETY SYSTEM	1	LS
27.10	COLD MILLING ASPHALT PAVEMENT	1230	SY
32.24	FLARED END SECTIONS, 24"	1	EA
49.00	TOP SOIL	240	CY

EXISTING	PROPOSED		
IRON ROD	○ IR	CONTOUR	— 25.00
PK NAIL	○ PK	SPOT ELEVATION	○ 25.50
R.R. SPIKE	○ RR(Sp)	STORM CURB ELEVATION	○ 25.00
CONC. MONUMENT	□ CM	STORM SEWER - PIPE	—
WATER VALVE	× WV	STORM SEWER - MITERED END SECTION	—
WATER METER	⊥ WM	STORM SEWER - GRATE INLET	—
FIRE HYDRANT	⊕ FH	STORM SEWER - JUNCTION BOX	—
GAS METER	⊕ GM	STORM SEWER - FLARED END SECTION	—
GAS VALVE	⊕ GV	STORM SEWER - HEADWALL	—
CLEAN-OUT	⊕ CO	STORM SEWER - INLET WITH SINGLE EXTENSION	—
GUARD POST (BOLLARD)	• GP	STORM SEWER - INLET WITH DOUBLE EXTENSION	—
SIGN POST	—	STORM SEWER - AREA INLET	—
BENCHMARK	⊕ B	GRADE BREAK LINE	--- HP
STORM SEWER MANHOLE	⊕ S	HIGH POINT	HP
SANITARY SEWER MANHOLE	⊕ S	LOW POINT	LP
TELEPHONE MANHOLE	⊕ T	CUT LINE	- - -
ELECTRIC MANHOLE	⊕ E	FILL LINE	- - -
TELEPHONE BOX	⊕ T	SANITARY SEWER PIPE	—
ELECTRIC BOX	⊕ E	SANITARY SEWER MANHOLE	—
CABLE BOX	⊕ CB	CURB	—
UTILITY POLE	⊕ U	CONCRETE	—
GUY WIRE	—	CONSTRUCTION - ENTRANCE/EXIT	—
LIGHT POLE	⊕ L	CHECK DAM	—
POST OR POLE (TYPE AS NOTED)	⊕ P	DIVERSION BERM	—
MAILBOX	⊕ M	DOWNDRAIN STRUCTURE - TEMPORARY	—
DECIDUOUS TREE	⊕ D	ROCK DAM	—
EVERGREEN/CONIFEROUS TREE	⊕ E	SEDIMENT BARRIER - SILT FENCE	—
BUSH	⊕ B	SEDIMENT BARRIER - GRAVEL RING	—
PROPERTY LINE	---	SEDIMENT BARRIER - BLOCK & GRAVEL	—
SETBACK LINE	---	SEDIMENT BARRIER - BLOCK	—
EASEMENT LINE	---	TEMPORARY SEDIMENT BASIN	—
CURB	---	SILT FENCE - TYPE A	—
FENCE	---	SILT FENCE - TYPE B	—
OVERHEAD UTILITY	---	SILT FENCE - TYPE C	—
UNDERGROUND TELEPHONE	---	STORM DRAIN OUTLET PROTECTION	—
UNDERGROUND ELECTRIC	---	SURFACE ROUGHENING	—
WATER LINE	---	DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION	—
SEWER LINE	---	DISTURBED AREA STABILIZATION - TEMPORARY GRASSING	—
GAS LINE	---	DISTURBED AREA STABILIZATION - PERMANENT GRASSING	—
STORM SEWER/CULVERT	---	MATting/BLANKETS	—
CONTOUR LINE	---		



WEST 24th STREET TYPICAL SECTION
 STA 10+11 TO STA 13+30
 STA 16+50 TO STA 17+88
 DETAIL A



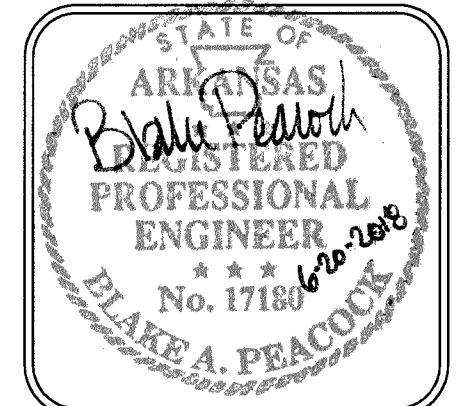
WEST 24th STREET TYPICAL SECTION
 STA 13+30 TO STA 16+50
 DETAIL B

- CONSTRUCTION NOTES**
- FIELD DENSITY TESTS ARE REQUIRED TO VERIFY COMPACTION. WHEN THE TESTS INDICATE THAT THE DENSITY OF ANY AREA OR LIFT IS BELOW THE REQUIRED DENSITY OR BEYOND THE SPECIFIED MOISTURE CONTENTS, THE FAILING PORTION SHOULD BE REWORKED AND TESTED UNTIL THE RESULTS ARE WITHIN THE SPECIFICATIONS.
 - PRIOR TO INSTALLING THE BASE COURSE THE CONTRACTOR SHALL PROOF-ROLL THE SUBGRADE. ANY SOFT AND YIELDING AREAS SHALL BE REMOVED AND REPAIRED PER THE SPECIFICATIONS. PROOF-ROLLING SHOULD BE ACCOMPLISHED WITH A LOADED DUMP TRUCK EXERTING A MINIMUM OF 10,000 LBS. PER AXLE.
 - ALL DISTURBED AREAS SHALL BE RESTORED WITH 4-INCH TOPSOIL AND SOLID SOD.

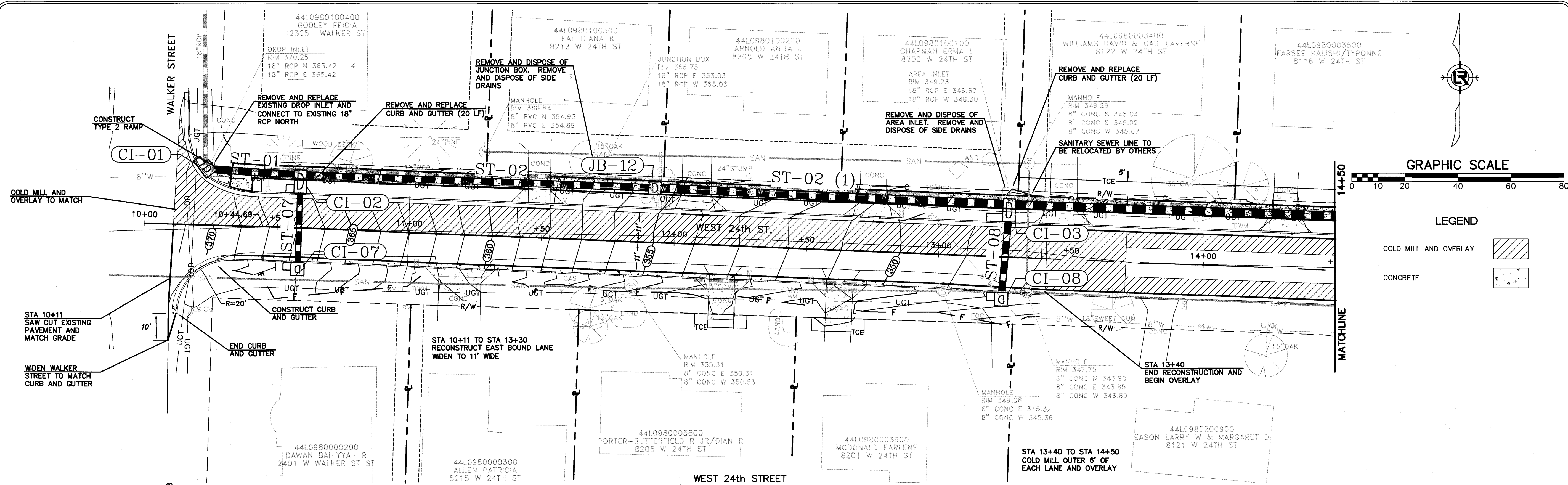
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 WEST 24TH STREET
 QUANTITIES, LEGEND,
 AND TYPICAL SECTIONS

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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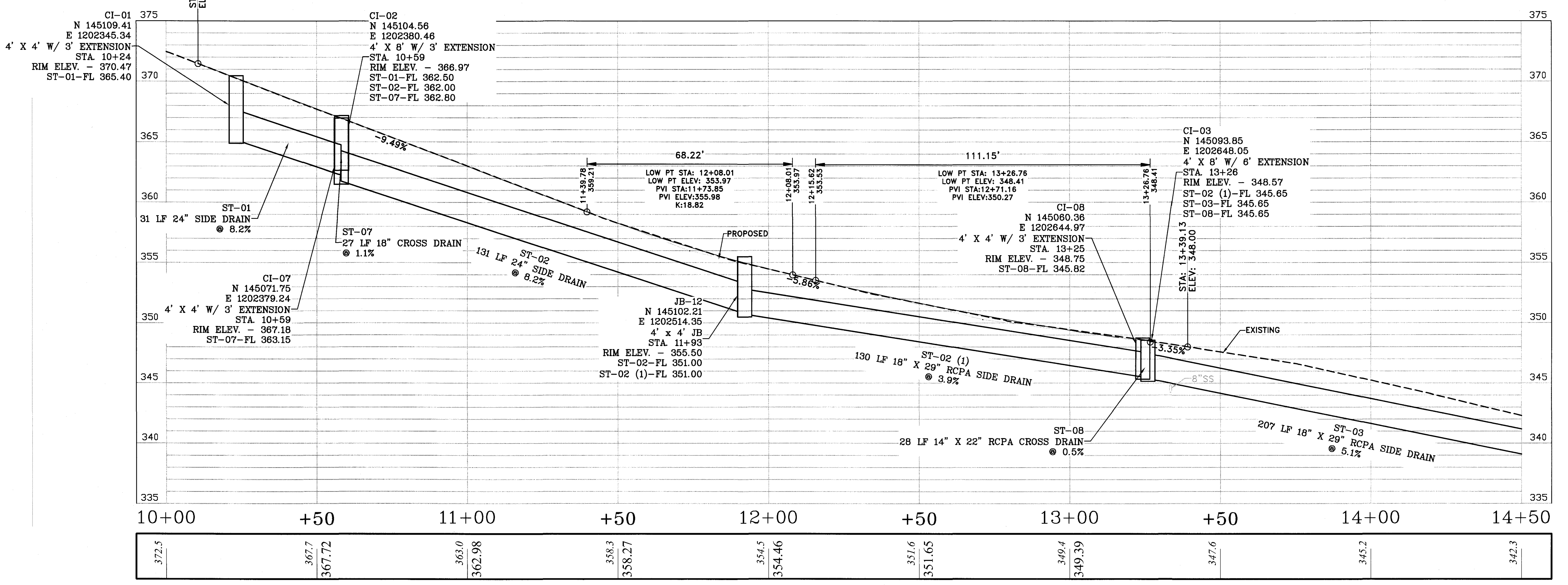


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DESIGNED	BAP
CHECKED	JKS
DATE	6-20-2018
SCALE	N.T.S.
PROJECT NO.	16-6-ST-1
SHEET NO.	2



WEST 24th STREET
STA 10+00 TO STA 14+50

PLAN
1"=20'



WEST 24th STREET
STA 10+00 TO STA 14+50

PROFILE
H: 1"=20', V: 1"=5'

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
WEST 24TH STREET
PLAN AND PROFILE
STA 10+00 TO STA 14+50

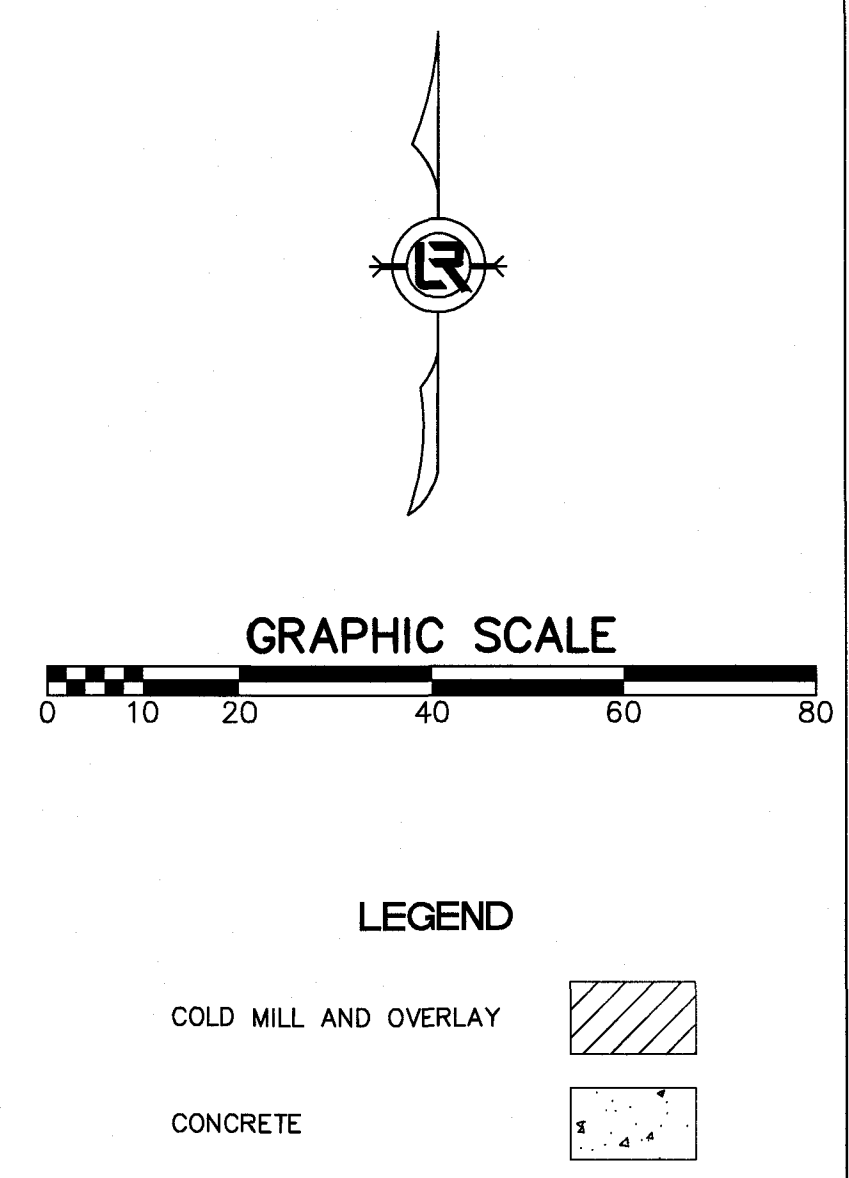
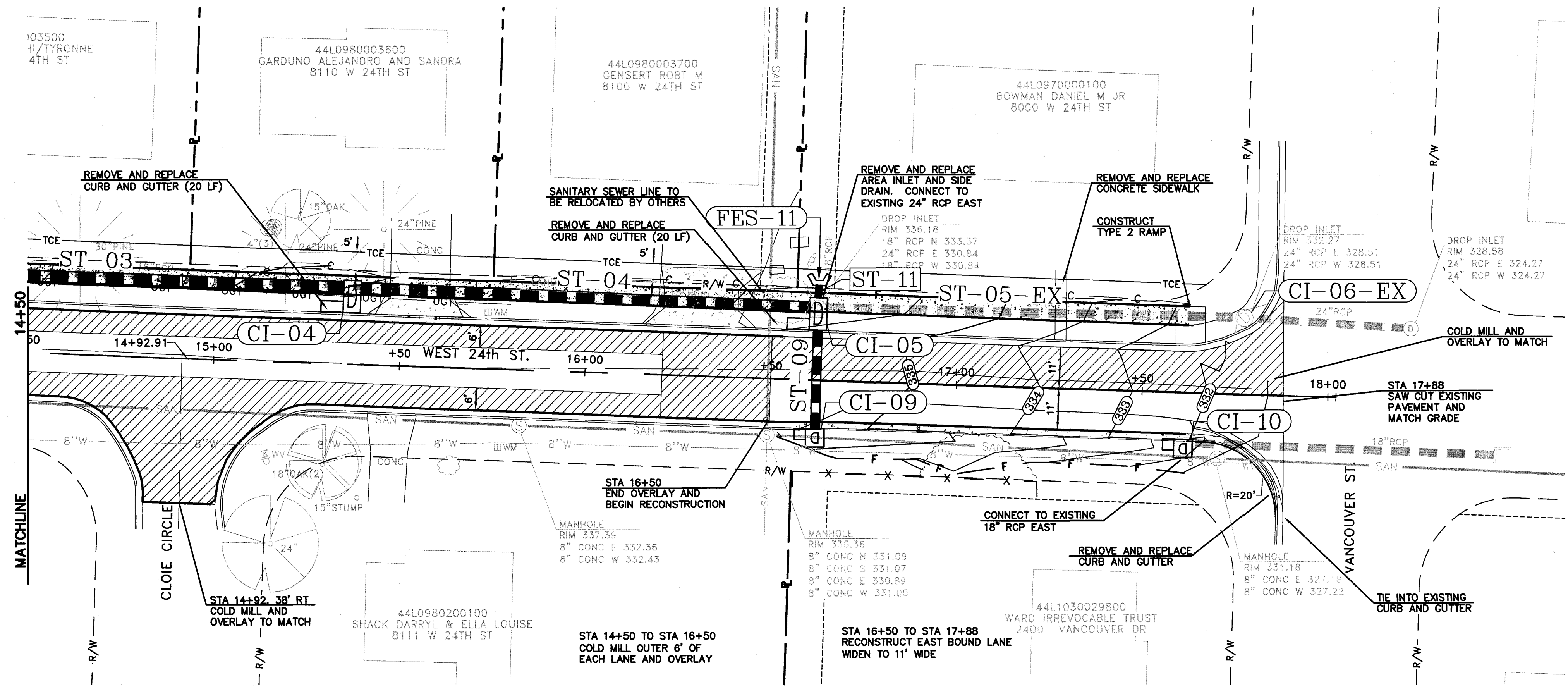
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STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 17186
BLAKE A. PEACOCK

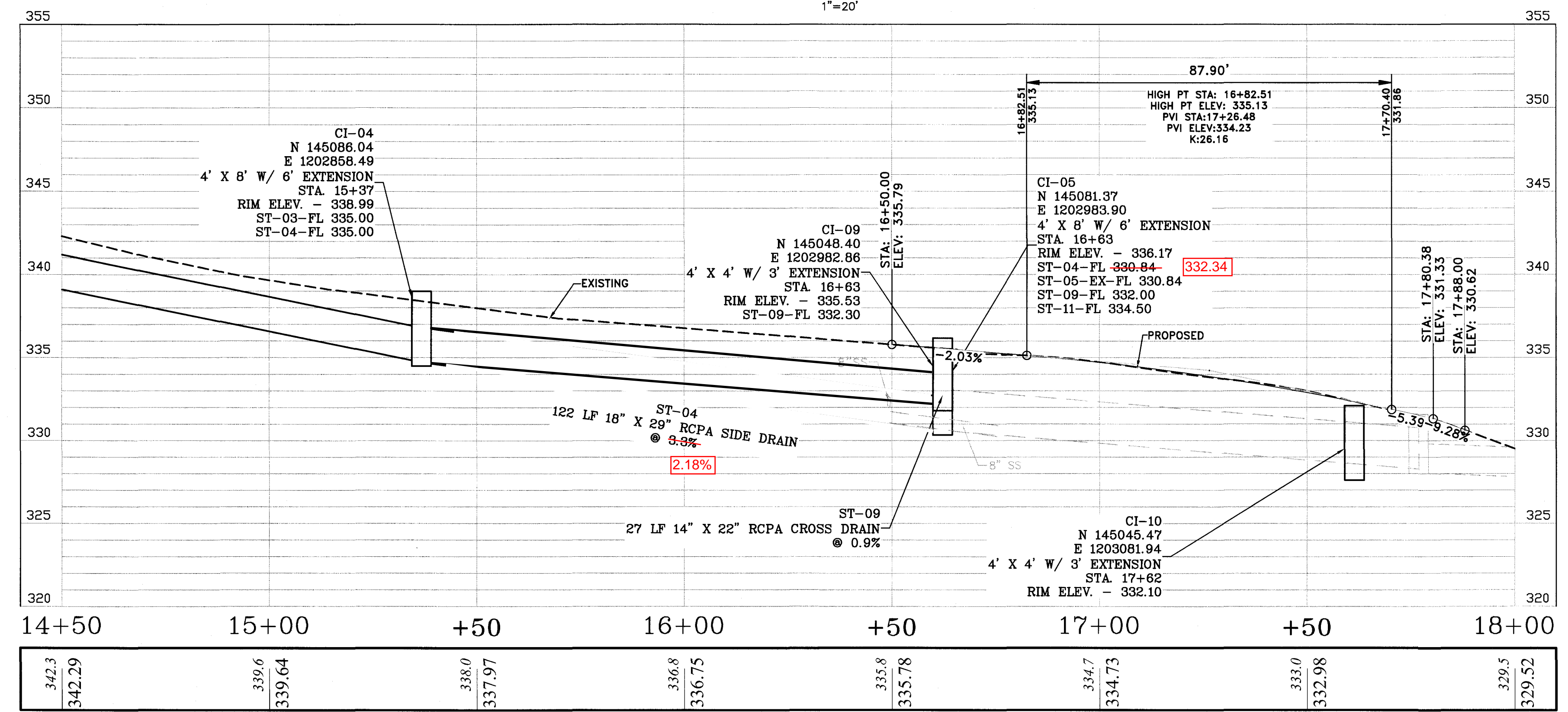
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JCW
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BAP
CHECKED
JKS
DATE
6-20-2018
SCALE
H: 1"=20'; V: 1"=5'
PROJECT NO.
16-6-ST-1
SHEET NO.
3

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REVISIONS	DATE
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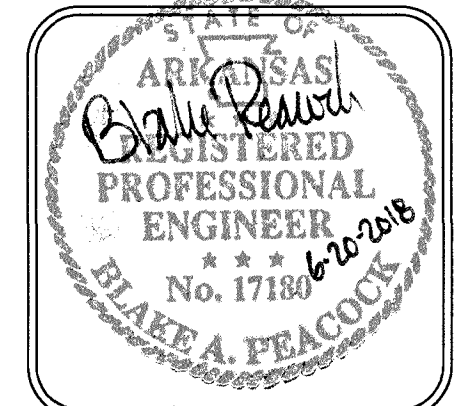
WEST 24th STREET
STA 14+50 TO EOP
PLAN
1"=20'



WEST 24th STREET
STA 14+50 TO END
PROFILE
H: 1"=20', V: 1"=5'

CITY OF LITTLE ROCK, ARKANSAS
WEST 24TH STREET
PLAN AND PROFILE
STA 14+50 TO END

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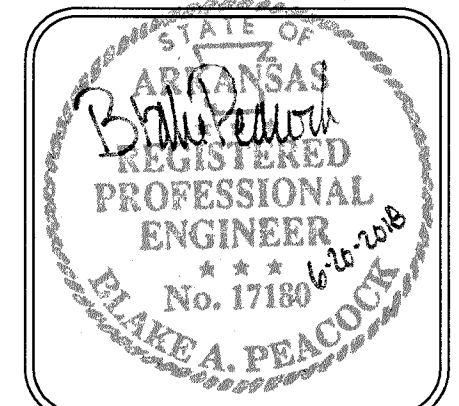
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CHECKED
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16-6-ST-1
SHEET NO.
4

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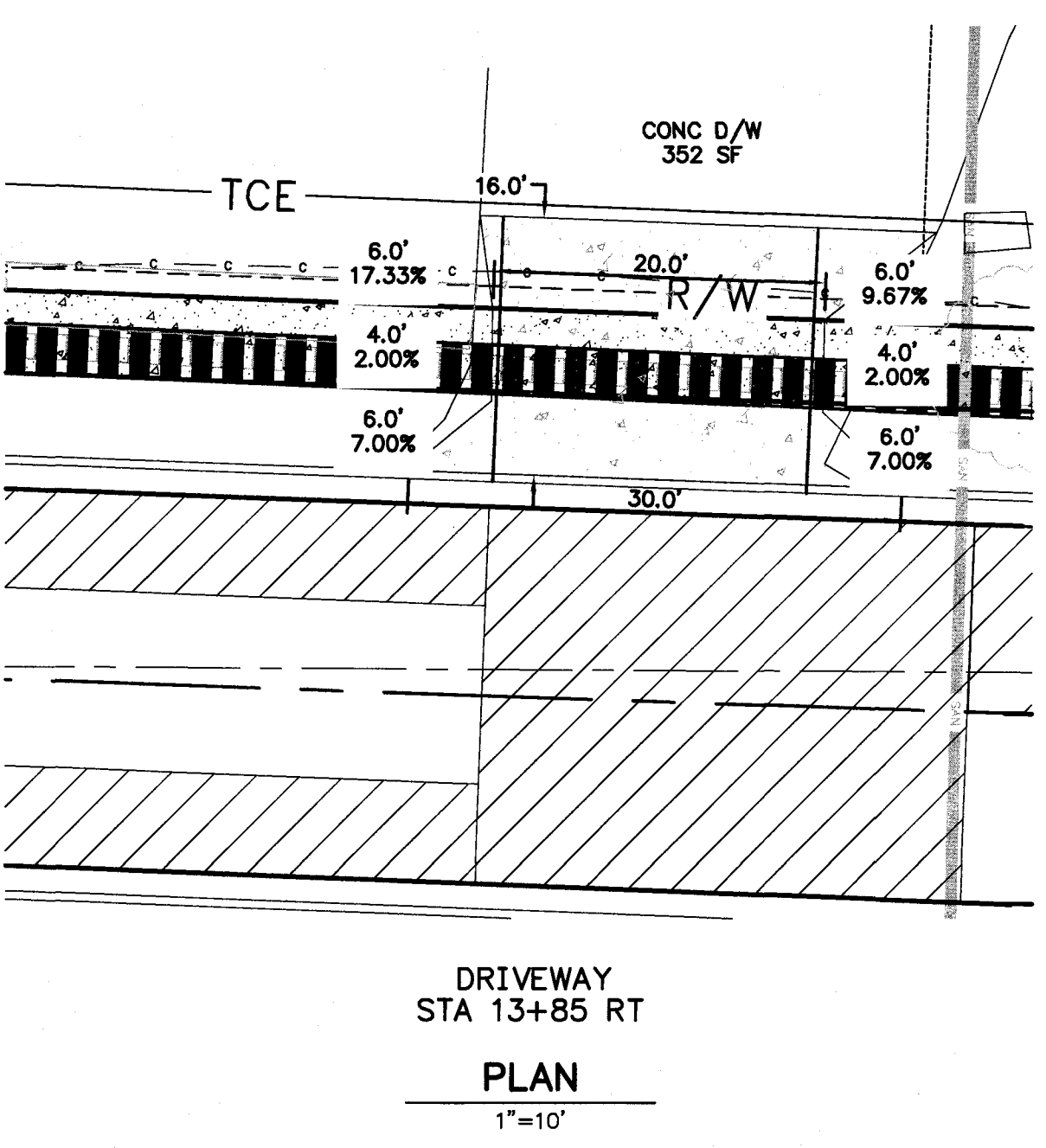
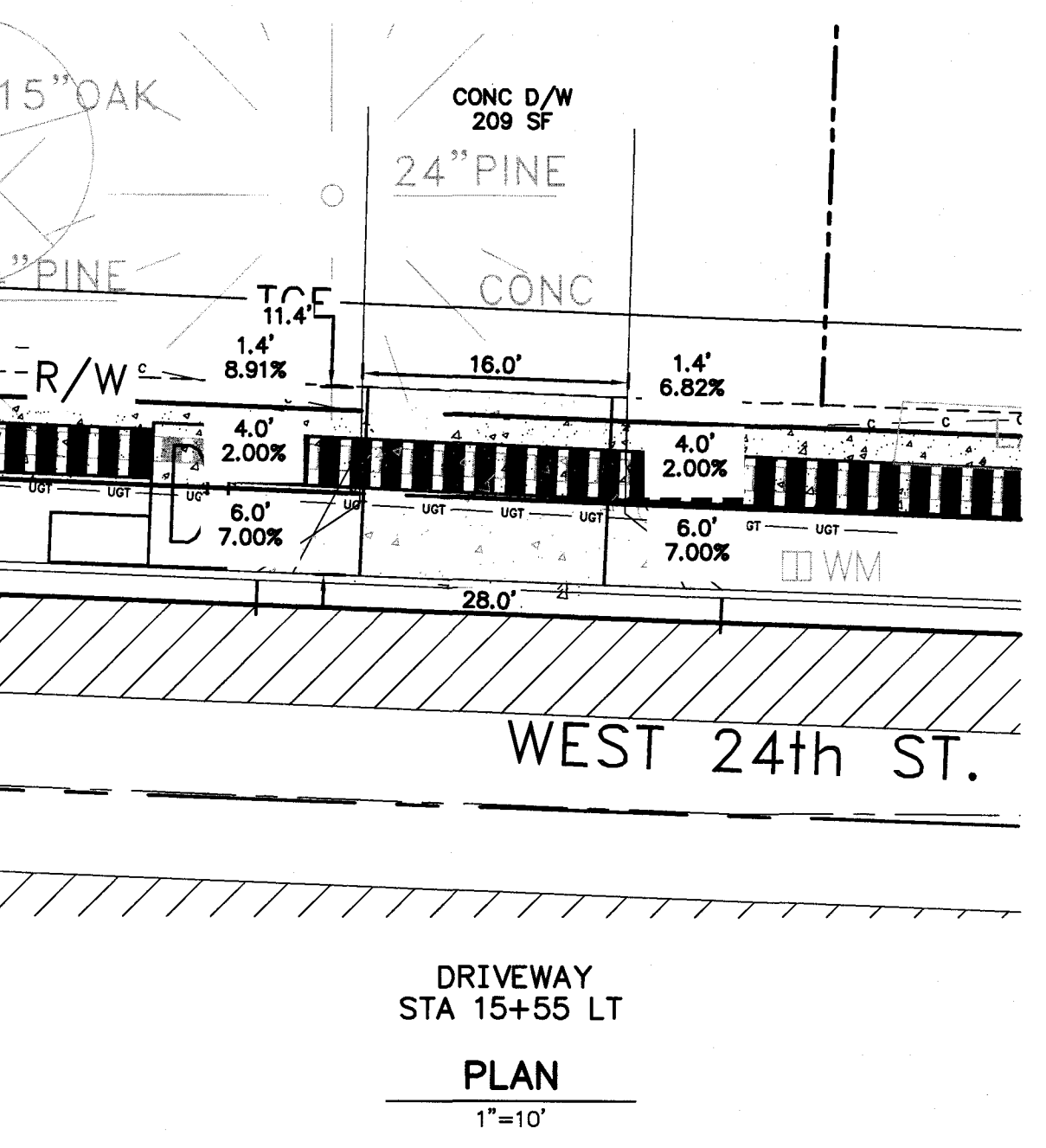
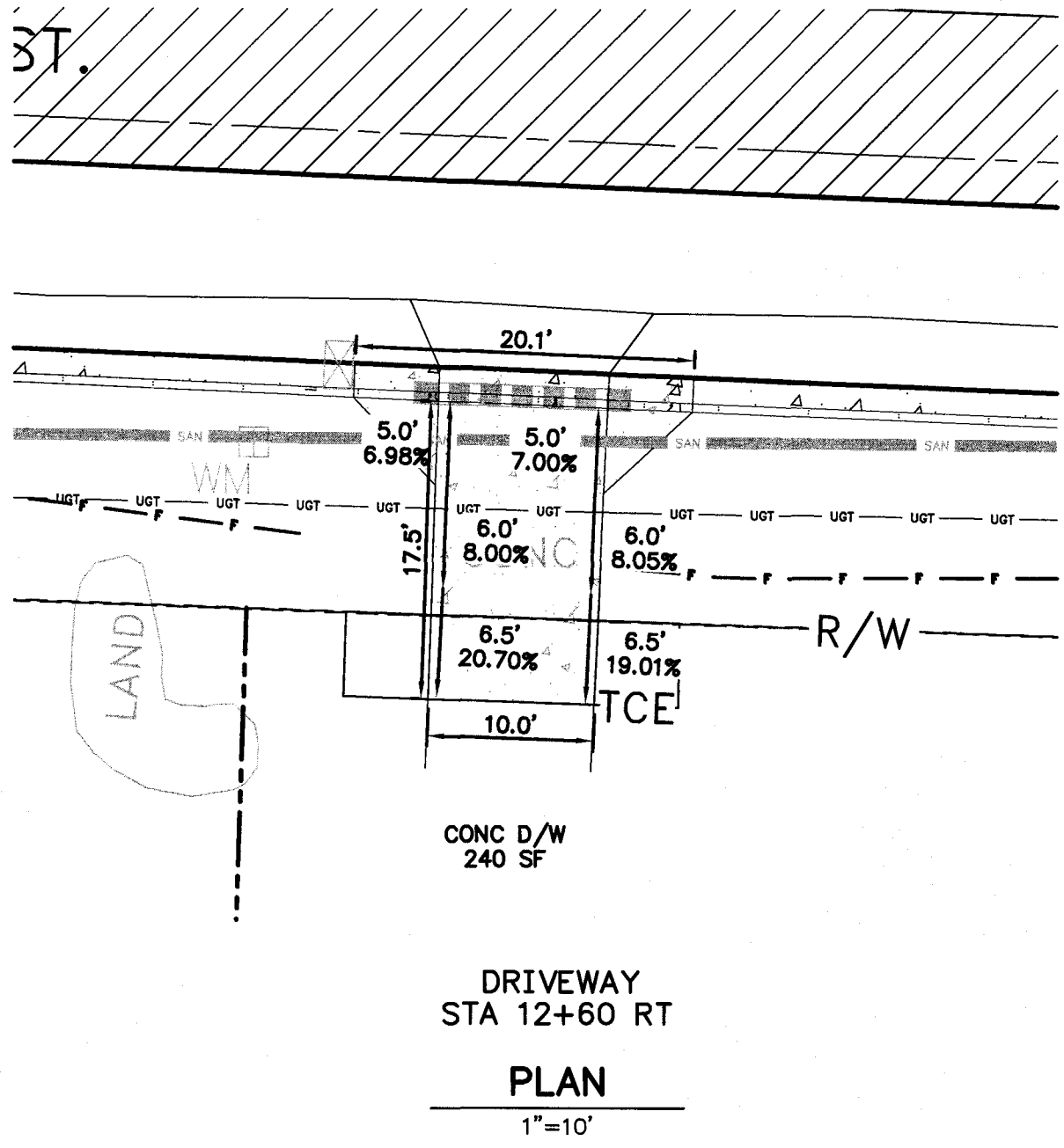
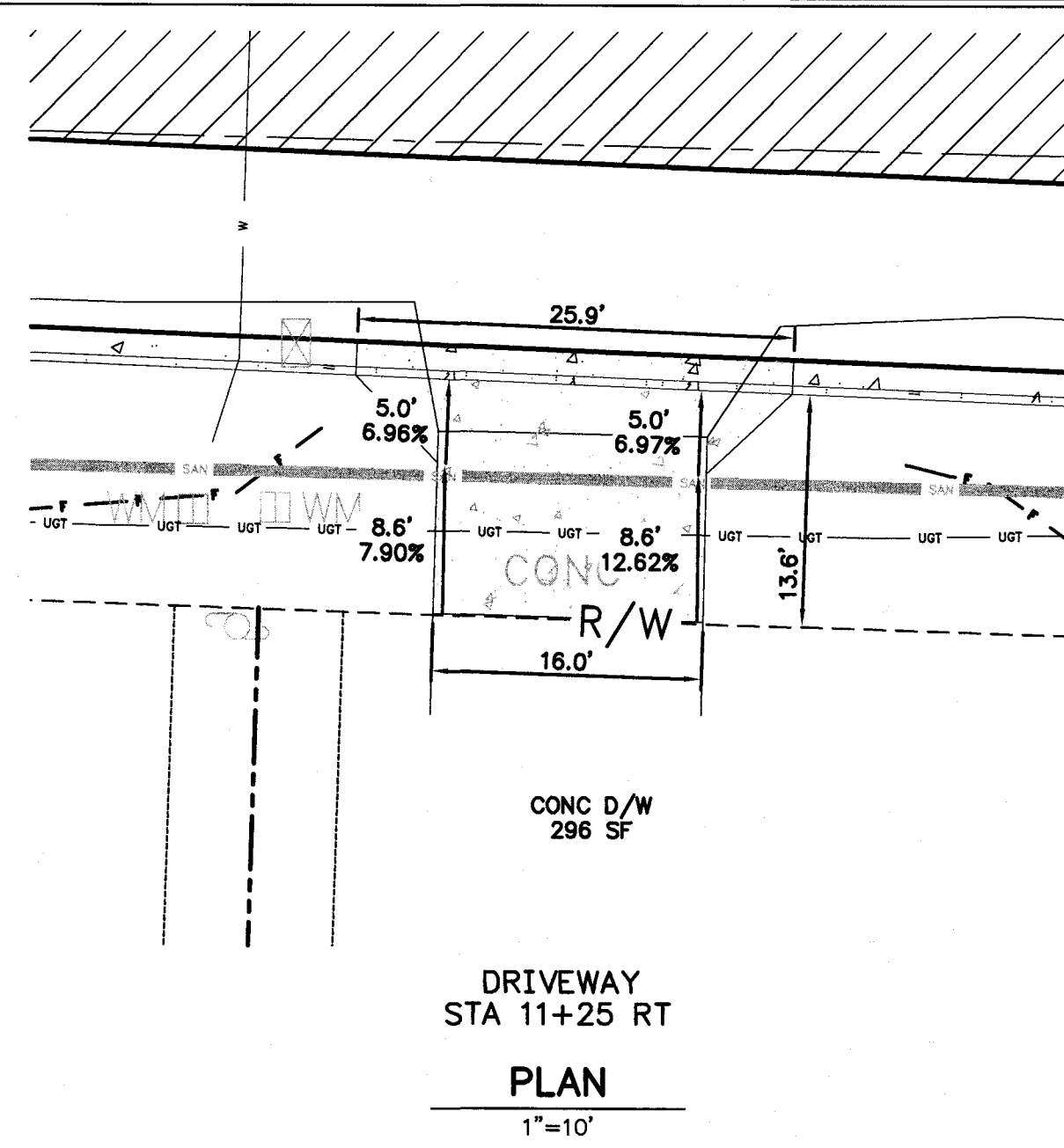
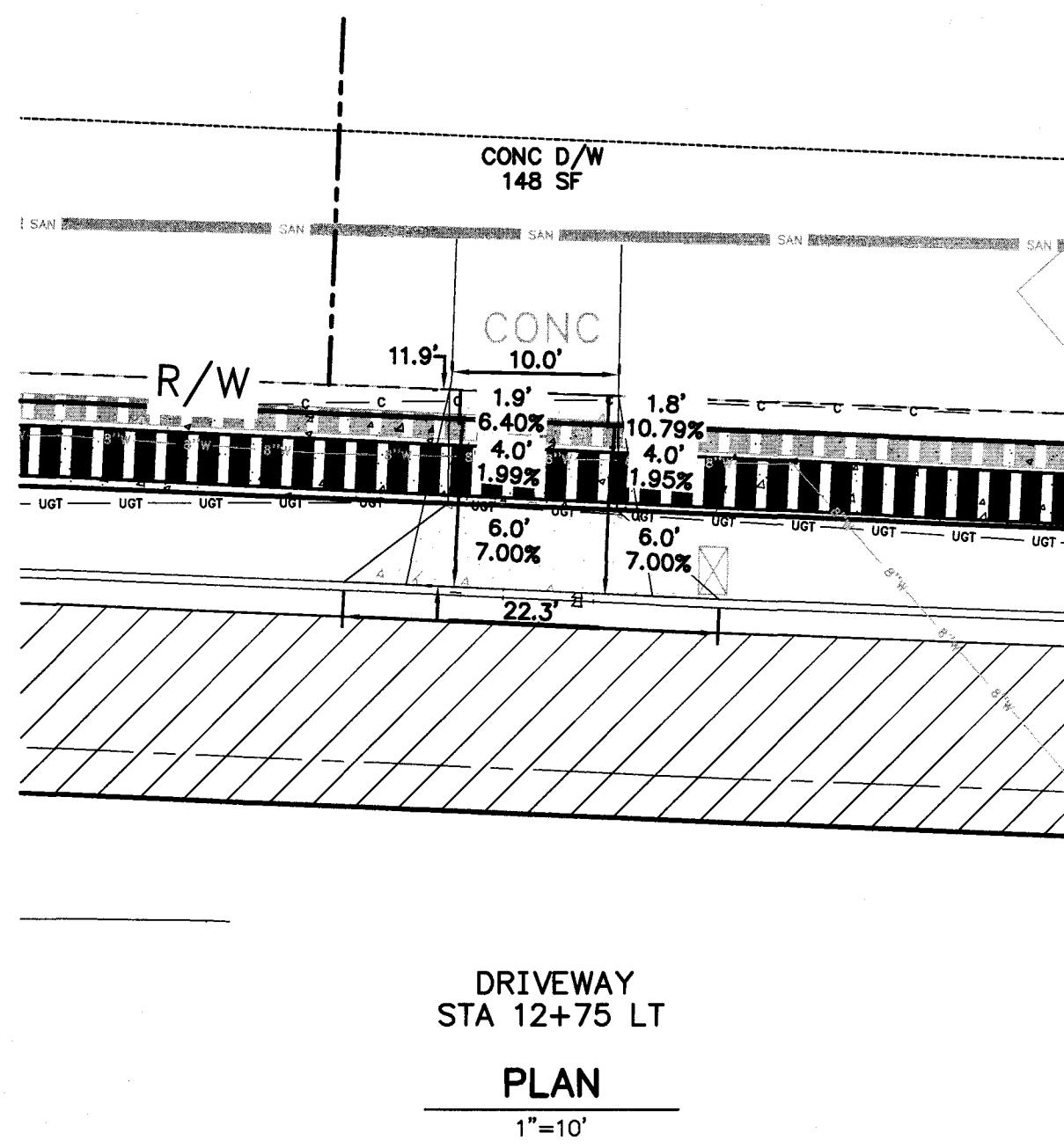
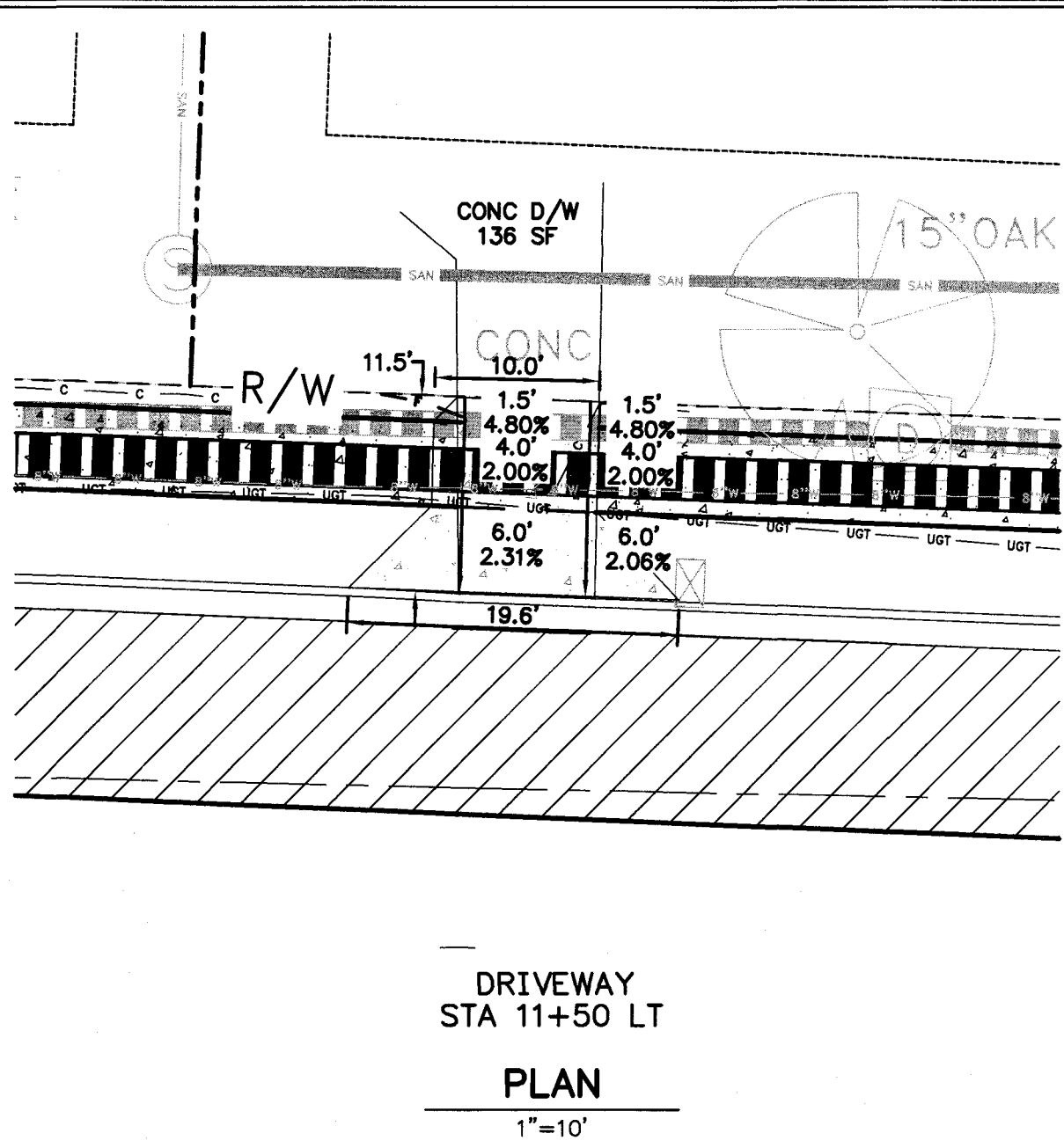
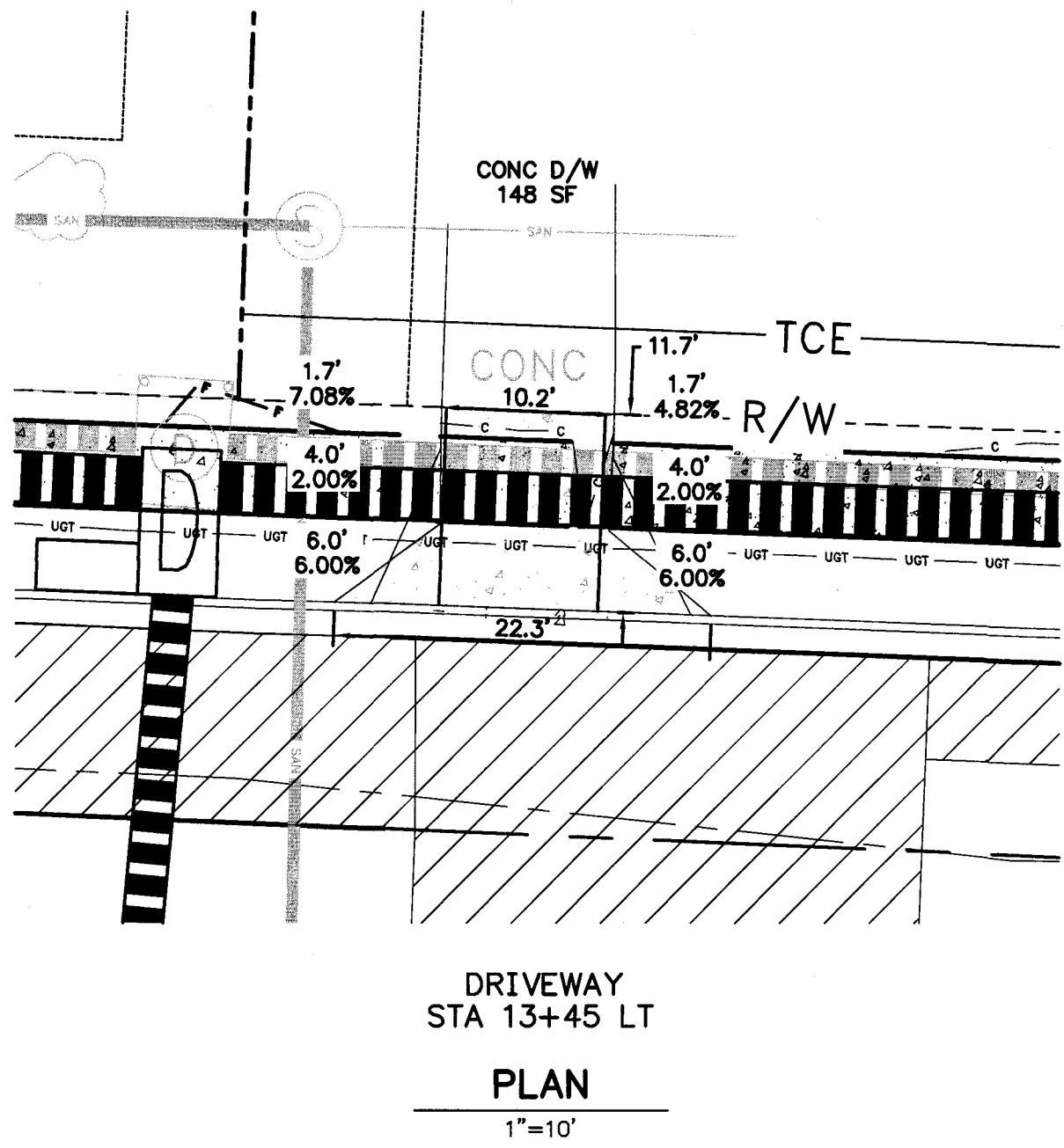
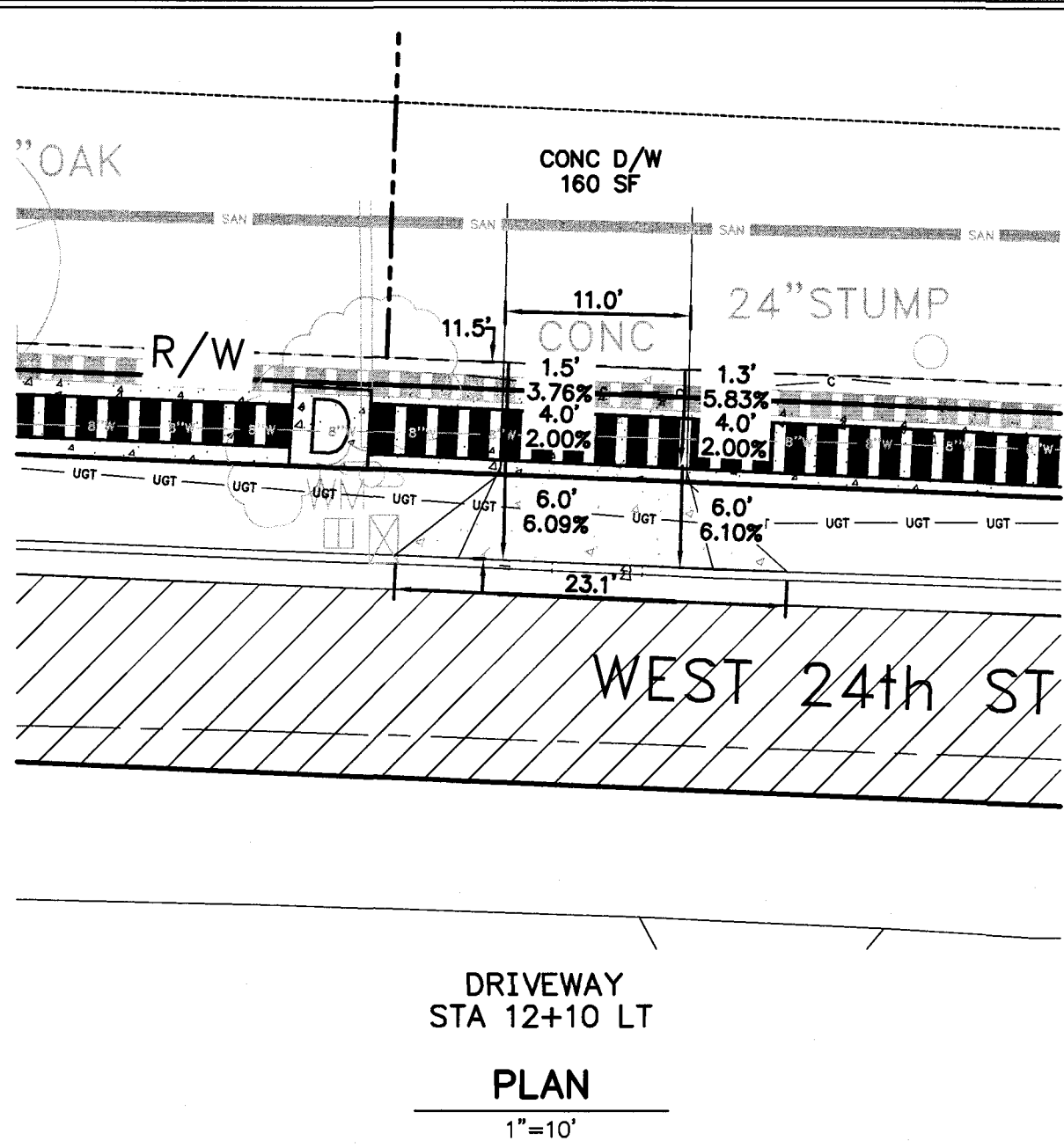
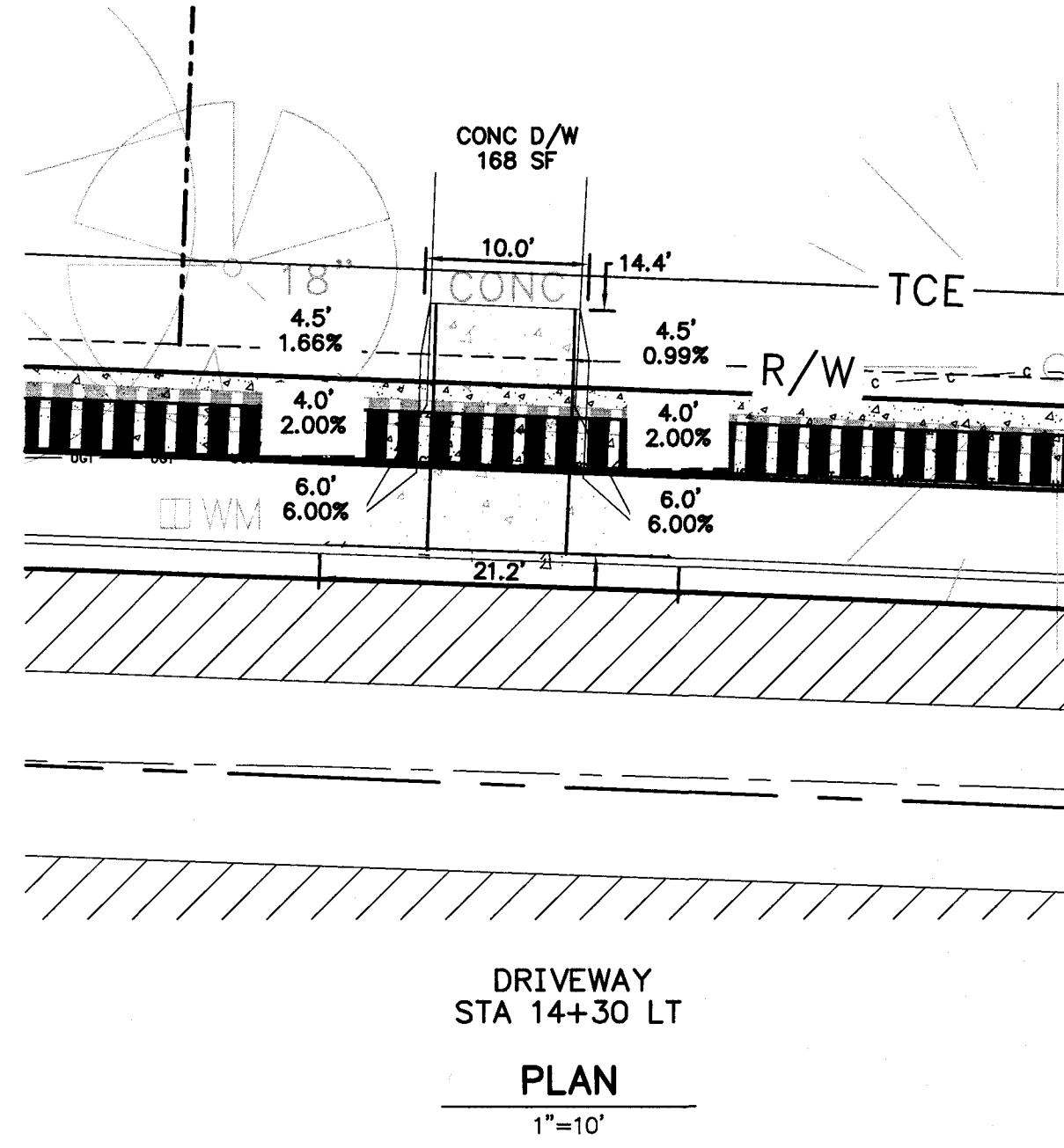
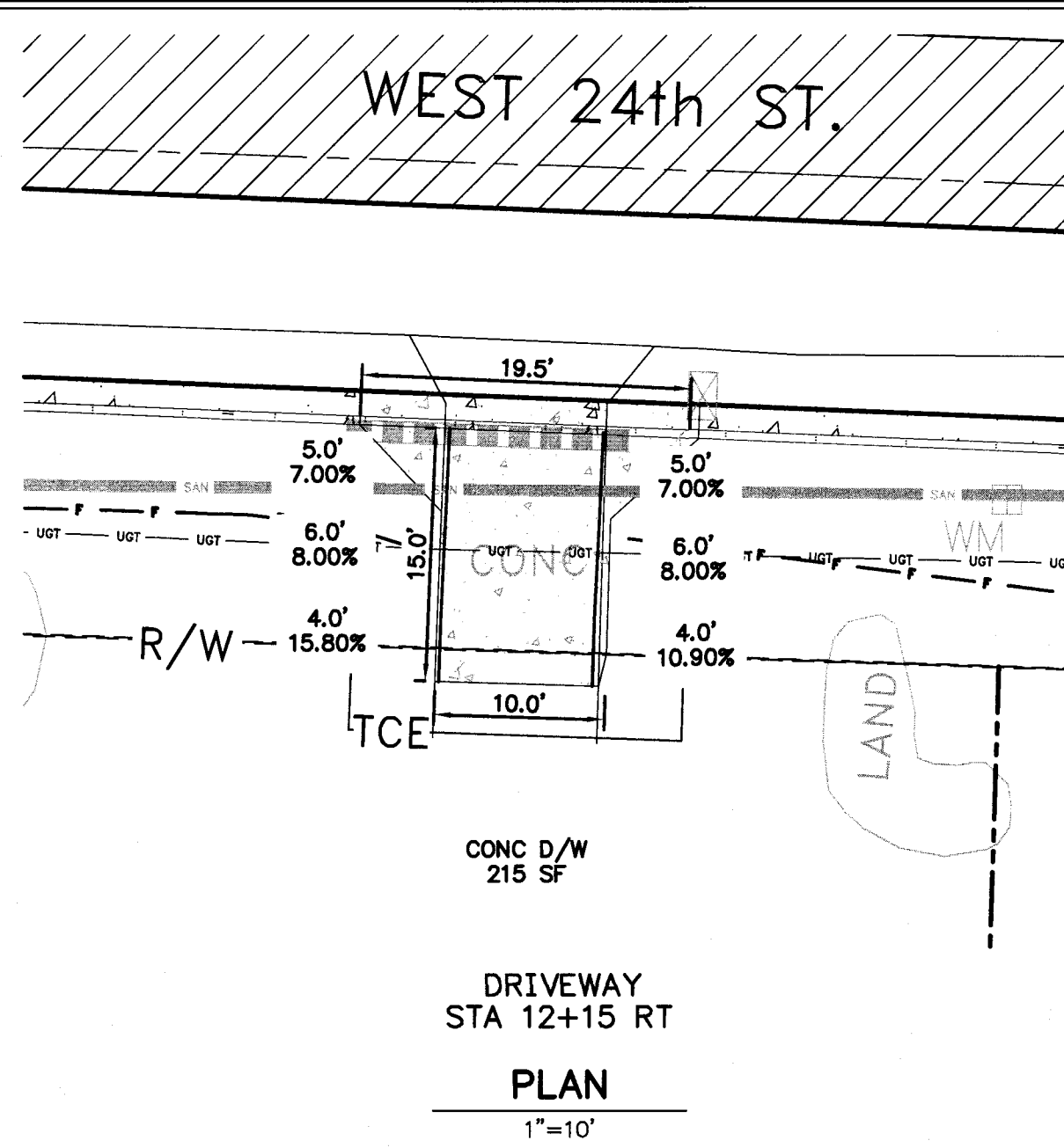
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
WEST 24TH STREET
DRIVEWAY PLANS

DEPARTMENT OF PUBLIC WORKS
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16-6-ST-1
SHEET NO.
5




2. 16-6-ST-1 - 2016 STREET & DRAINAGE PROJECT DRAINAGES WEST 24TH ST CROSS SECTIONS, INC. 6/19/2018 9:57 AM. MWE HENSON, LANDDTI

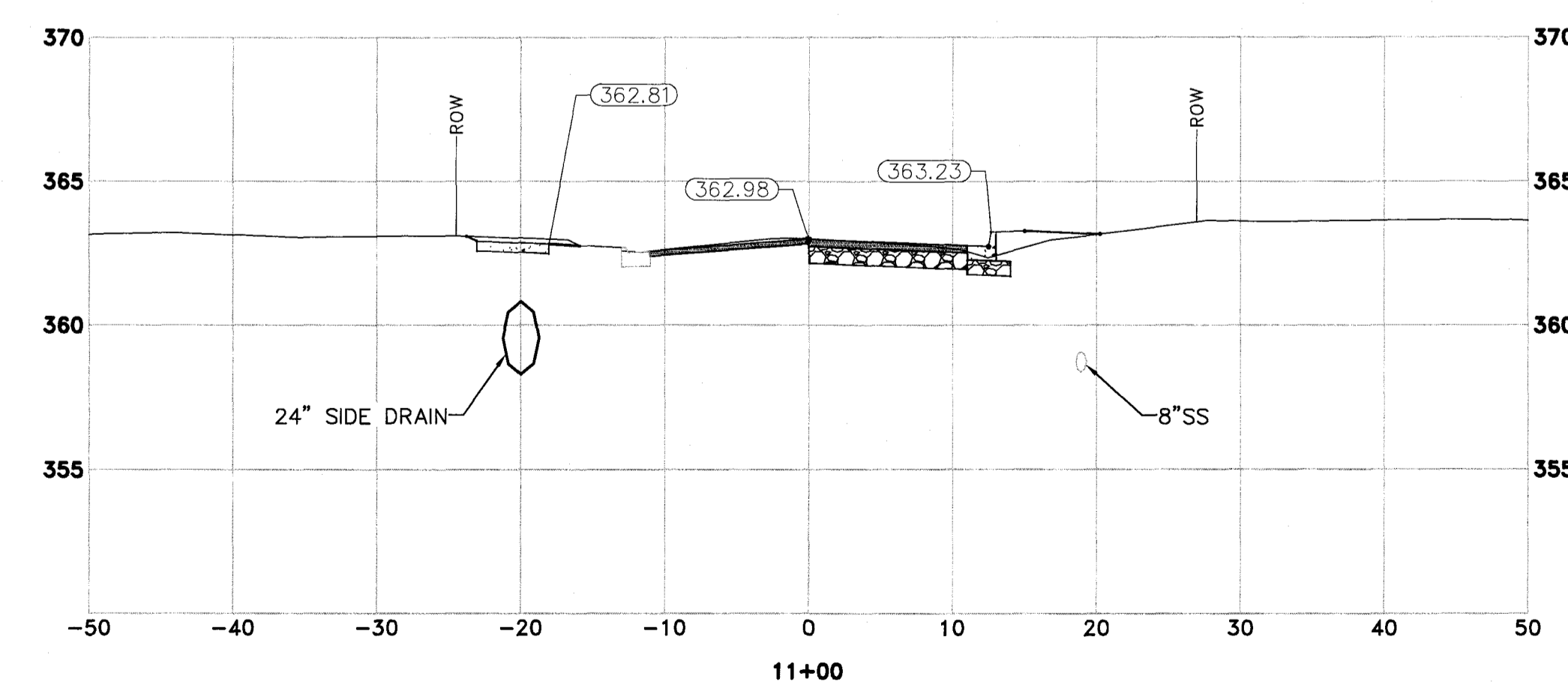
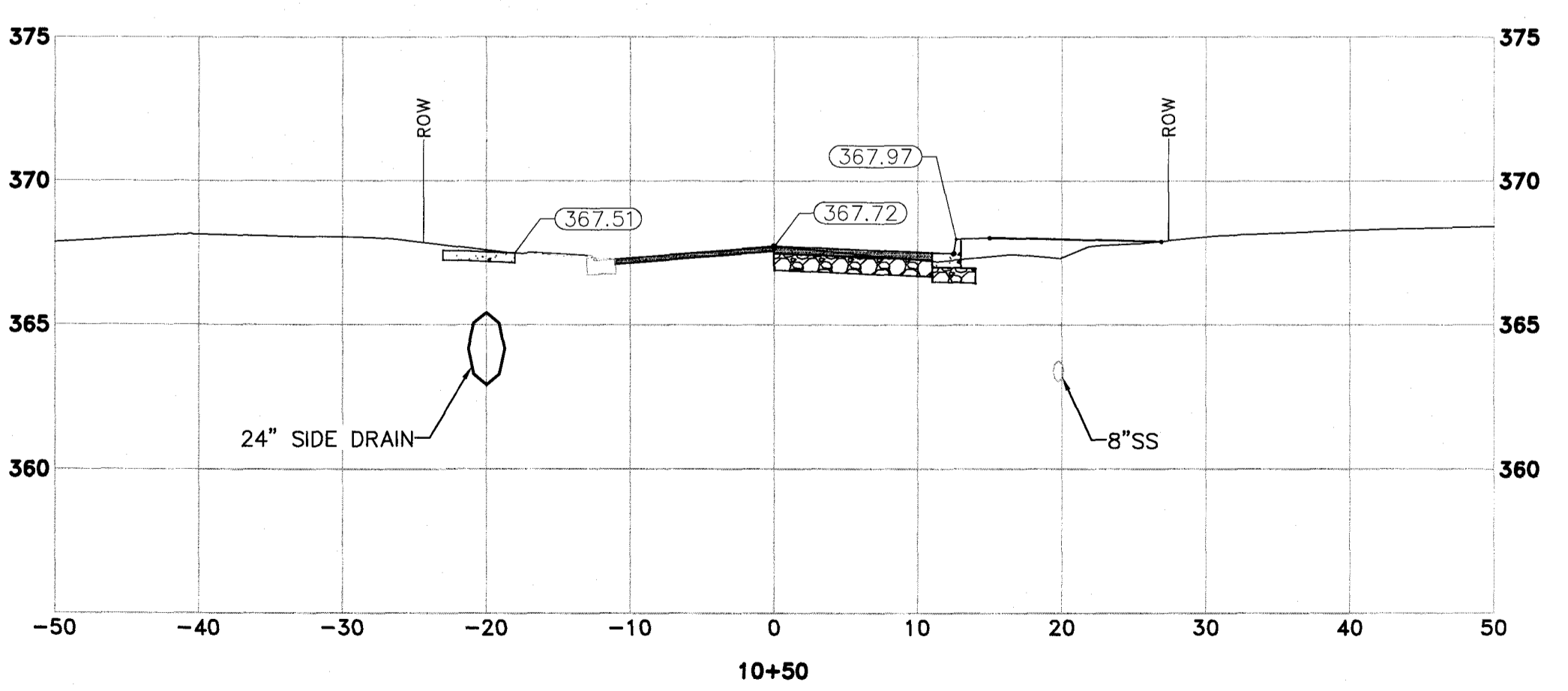
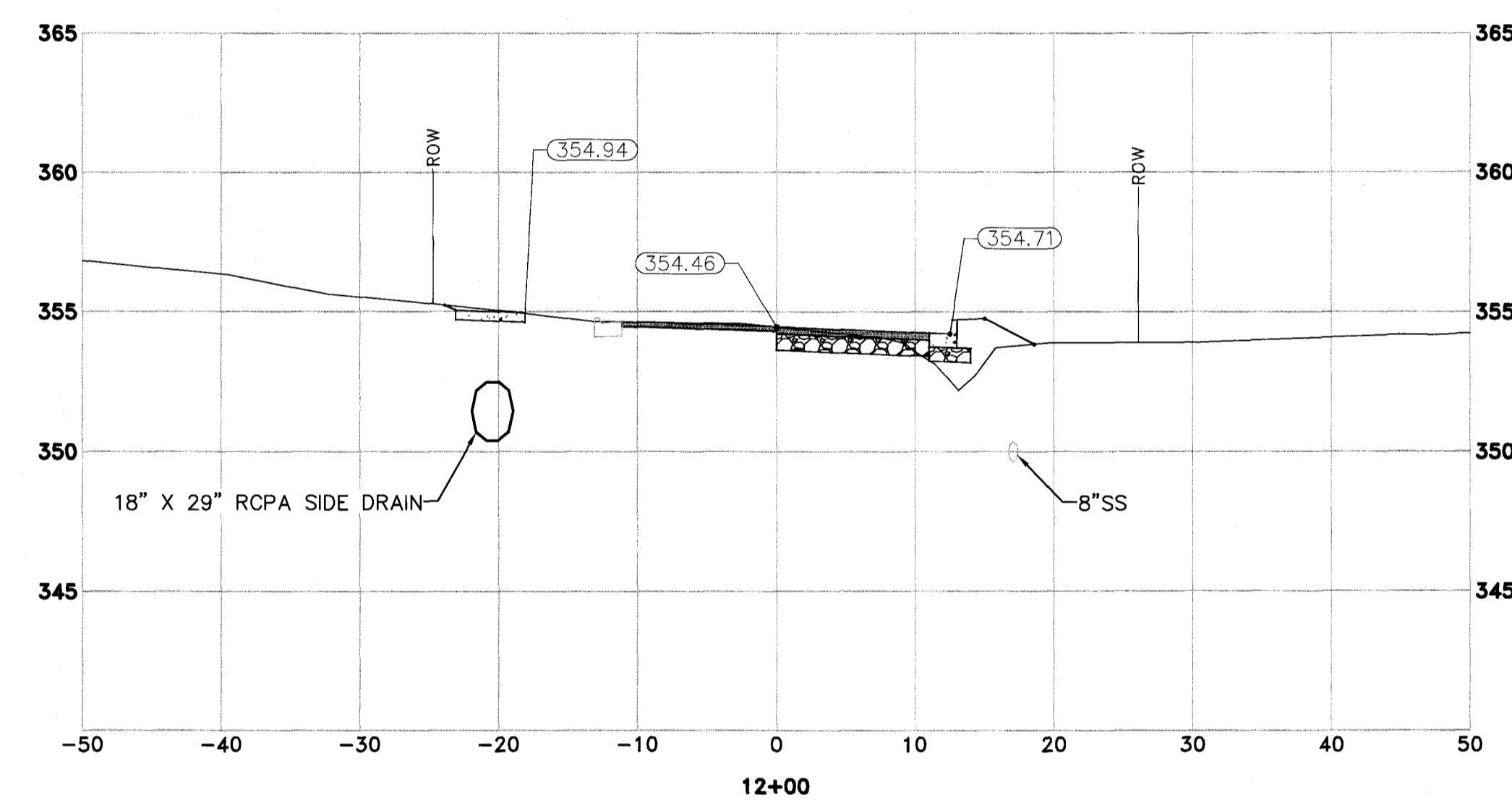
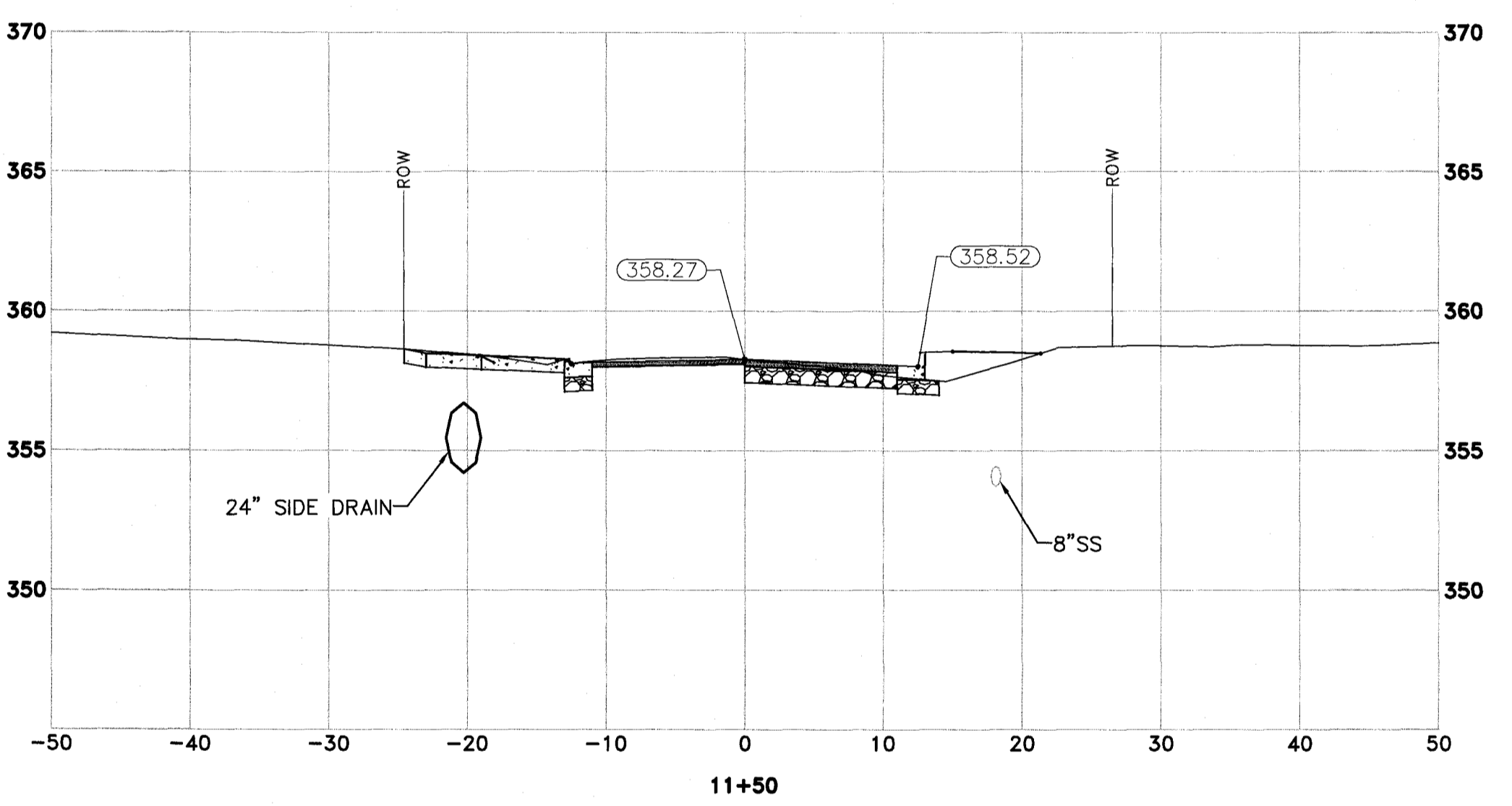
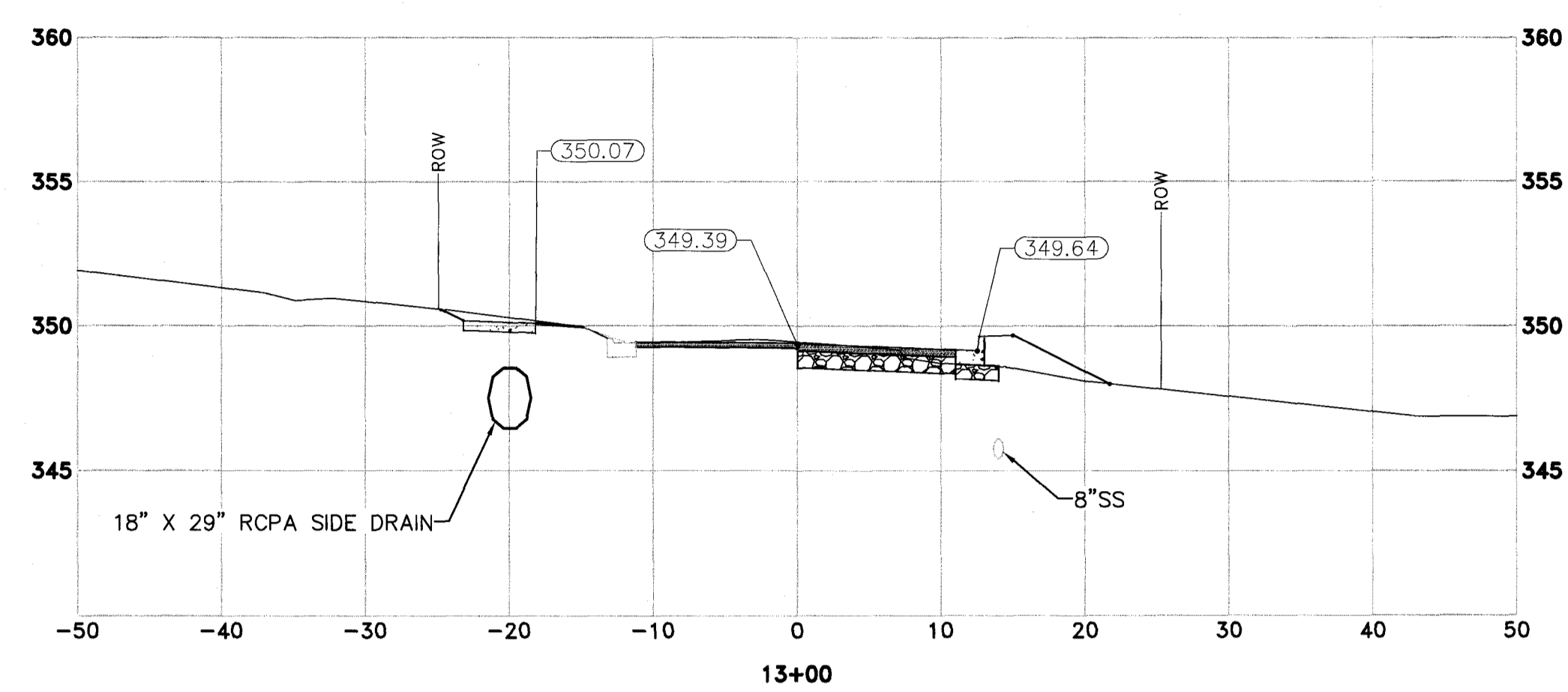
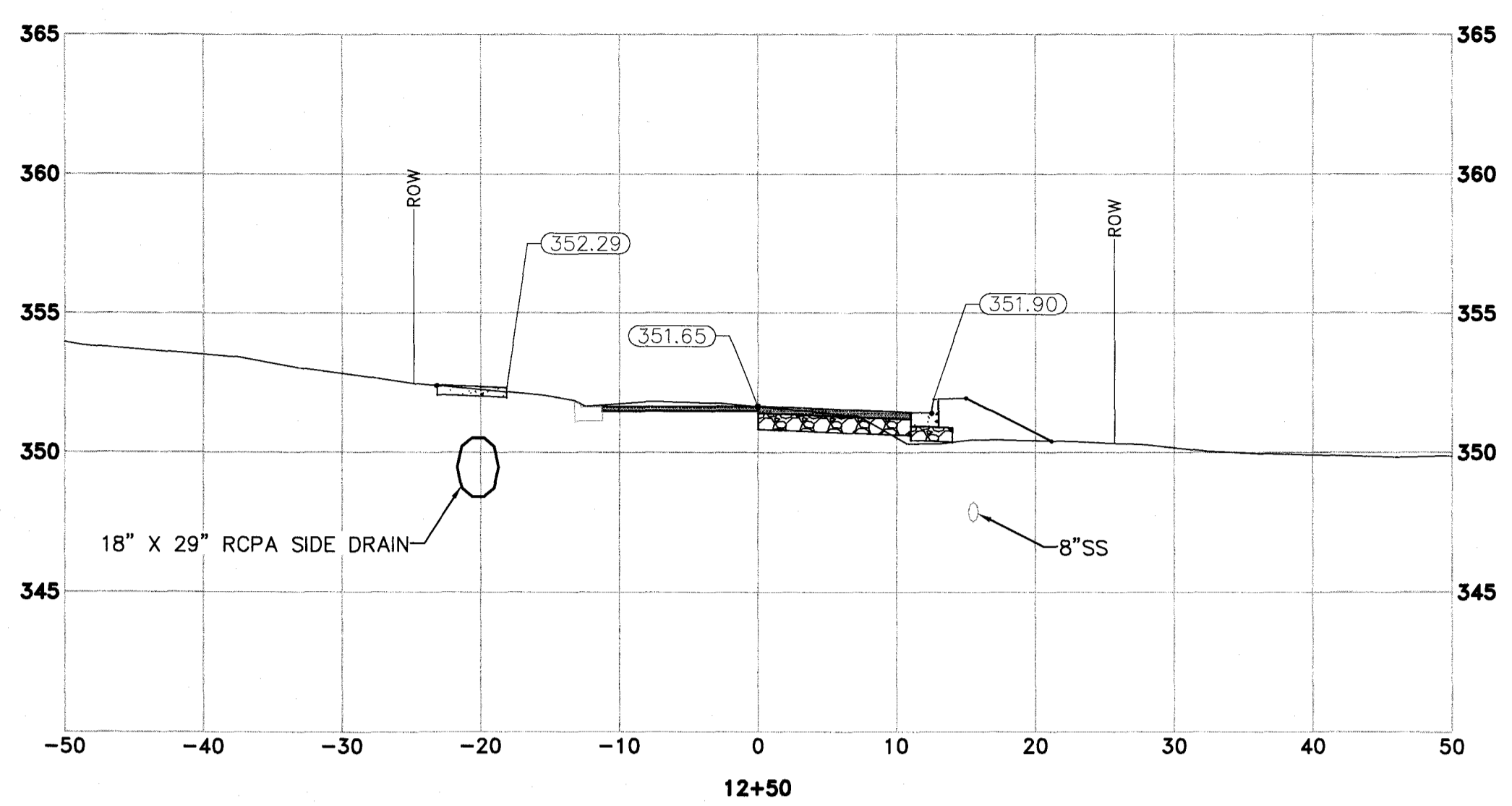
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
WEST 24TH STREET
CROSS SECTIONS

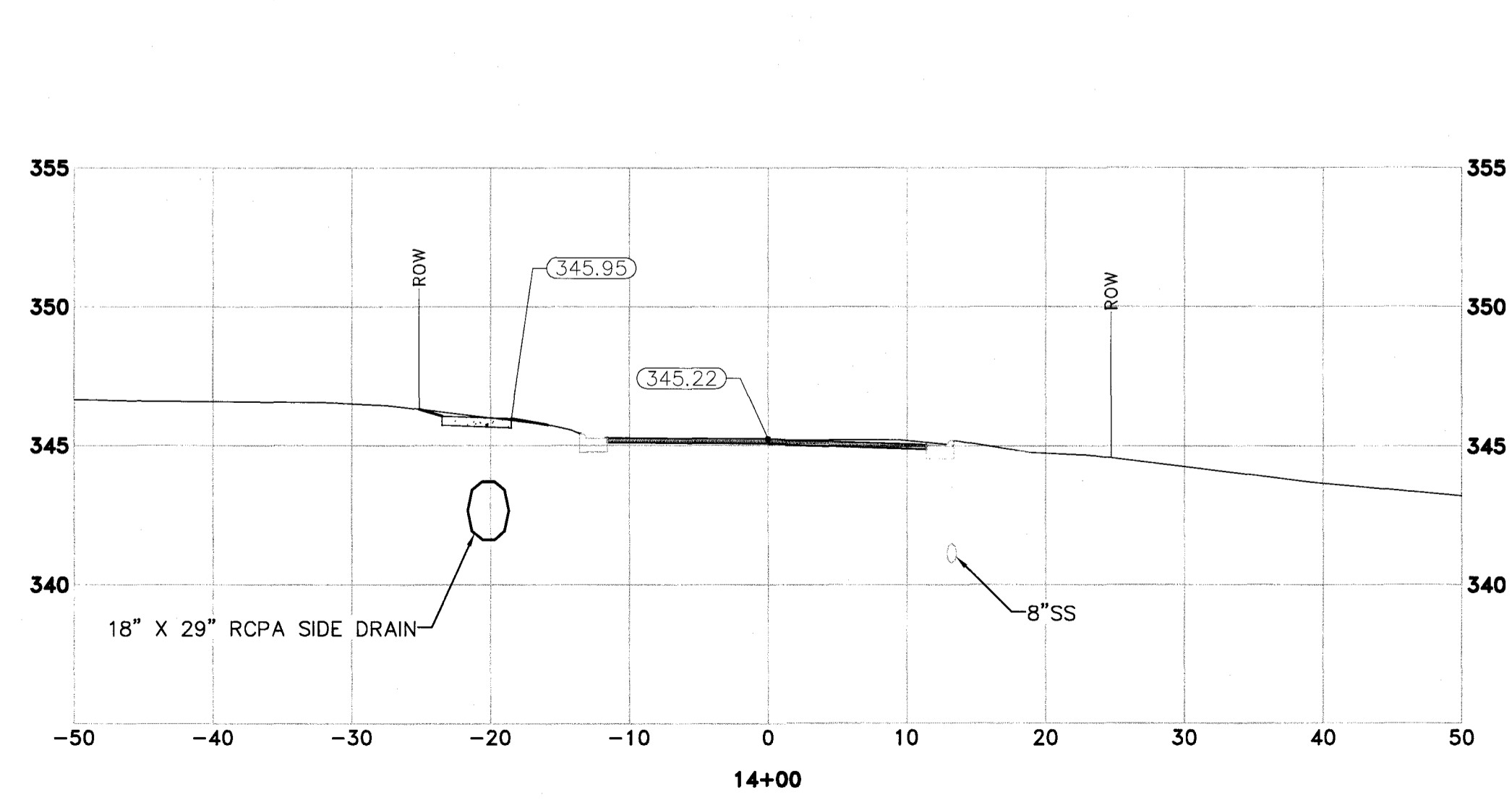
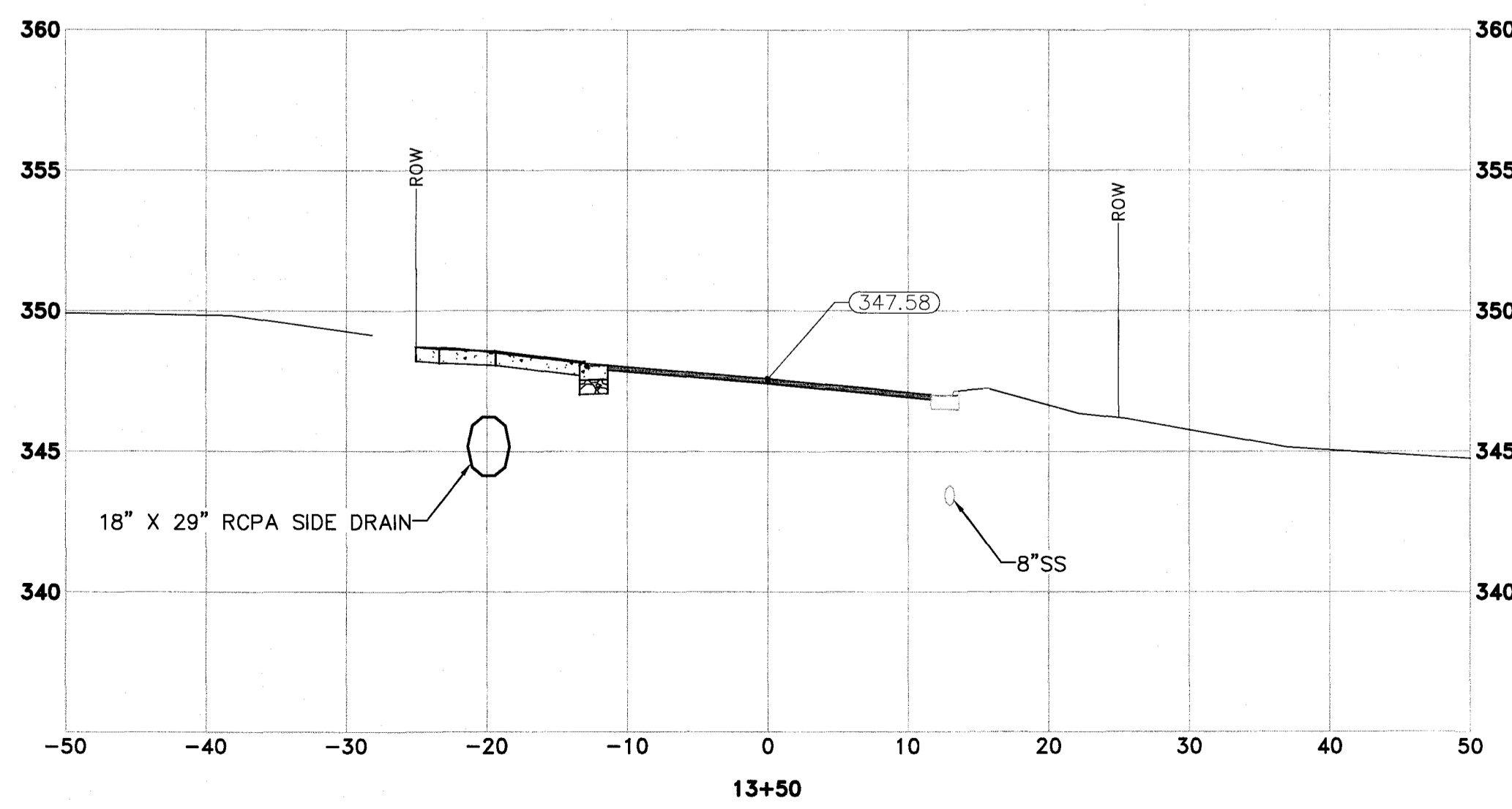
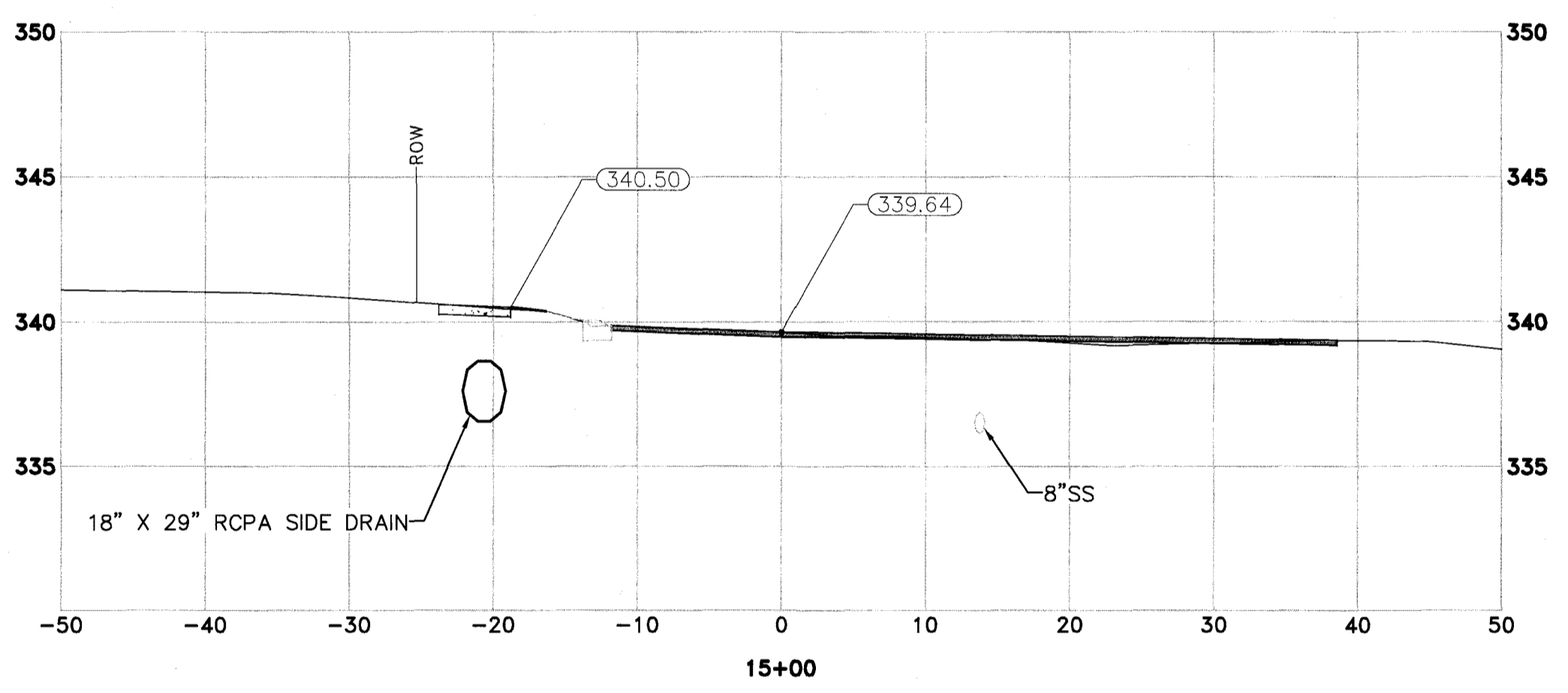
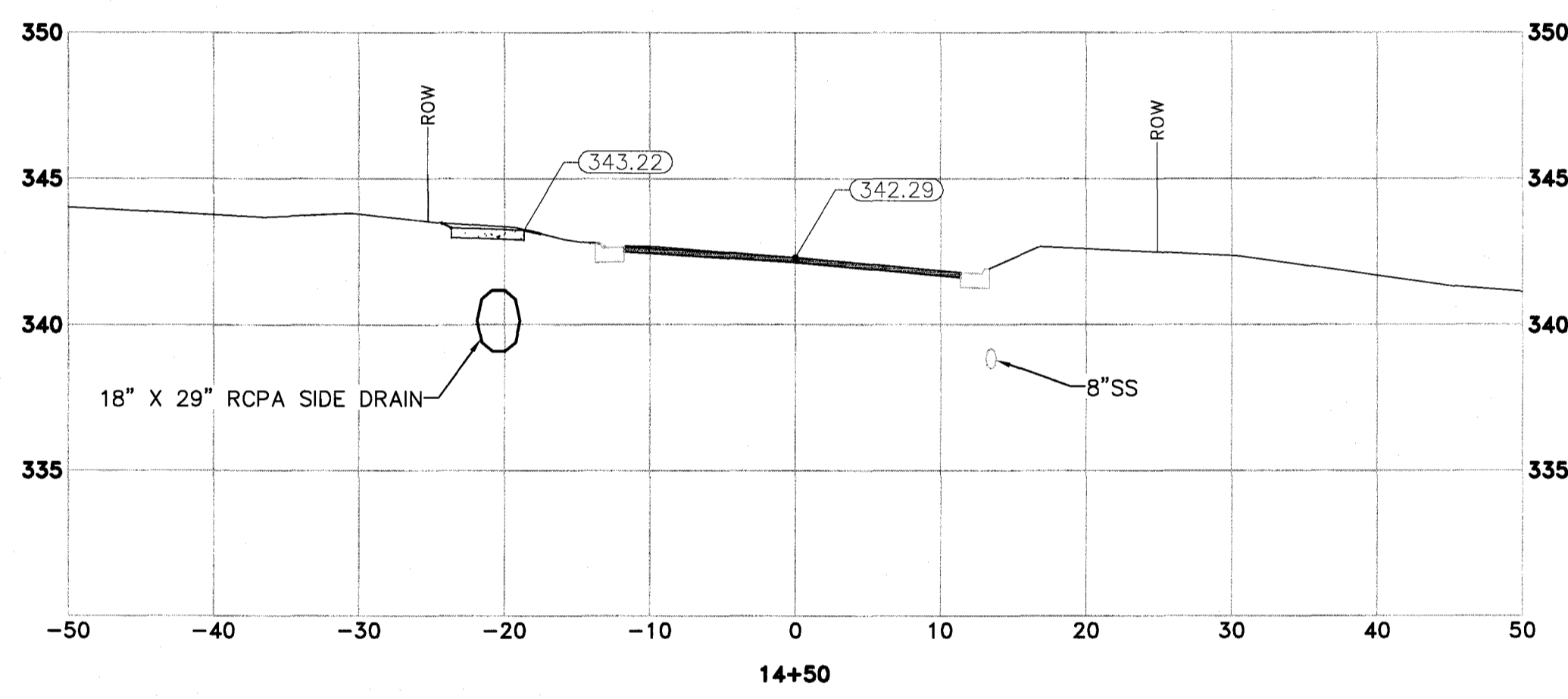
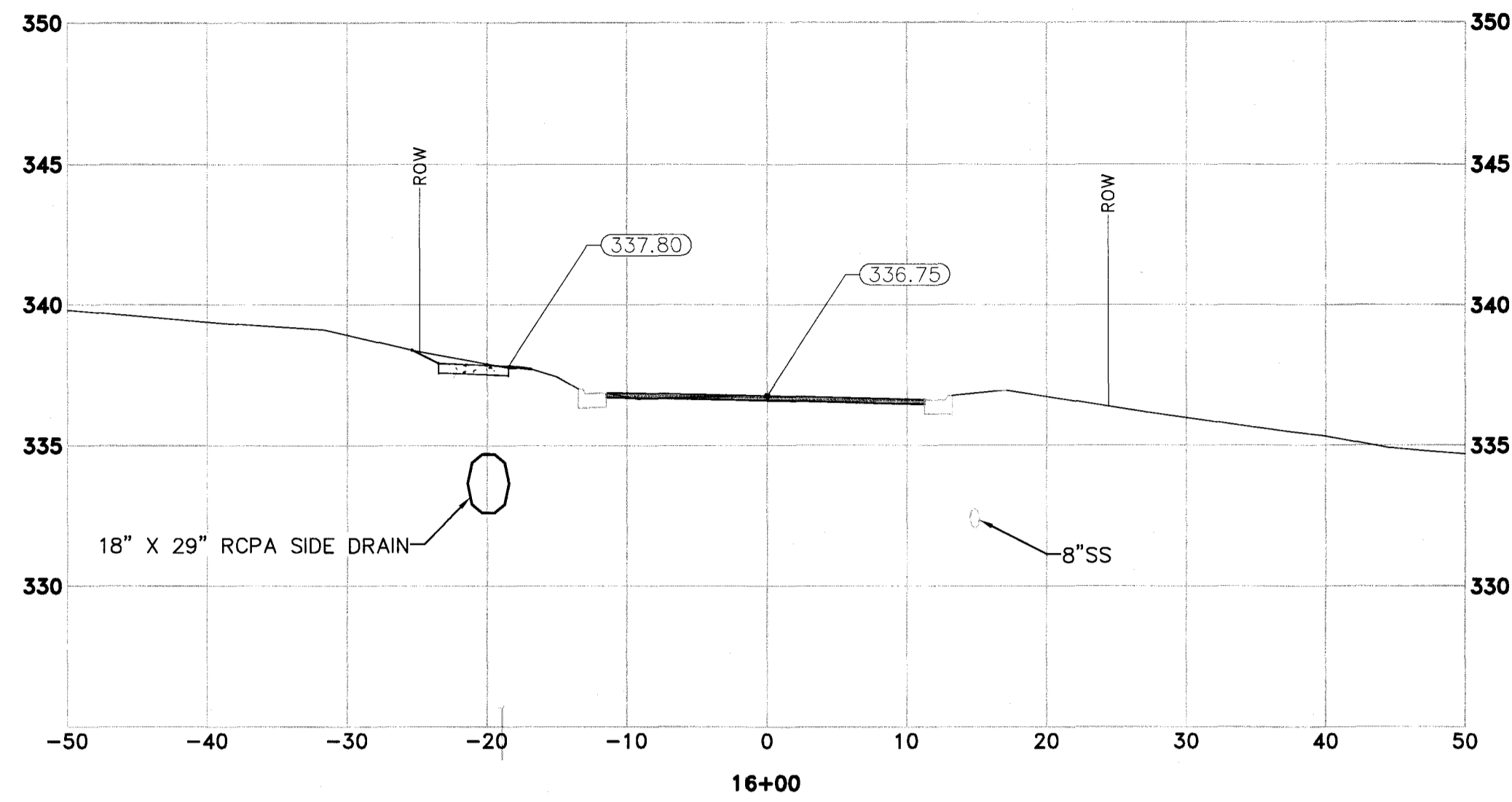
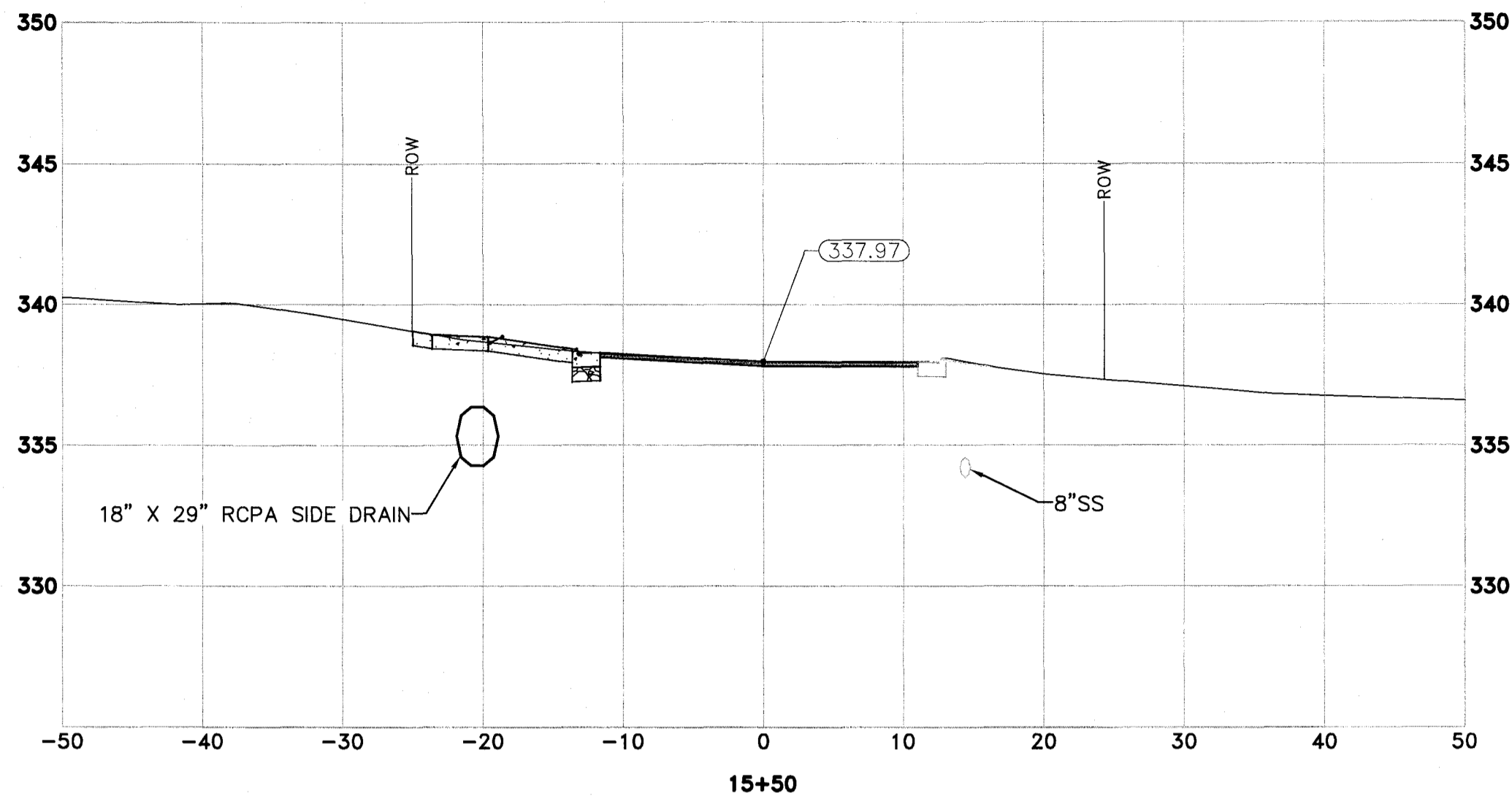

 DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
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 STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 17186
 BLAKE A. PEACOCK

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DESIGNED
 BAP
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 JKS
DATE
 6-20-2018
SCALE
 H:1"=10';V:1"=5'
PROJECT NO.
 16-6-ST-1
SHEET NO.
 6



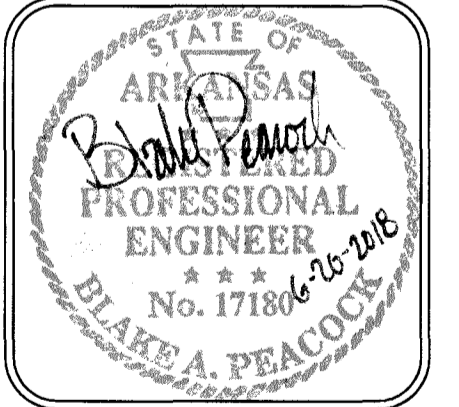
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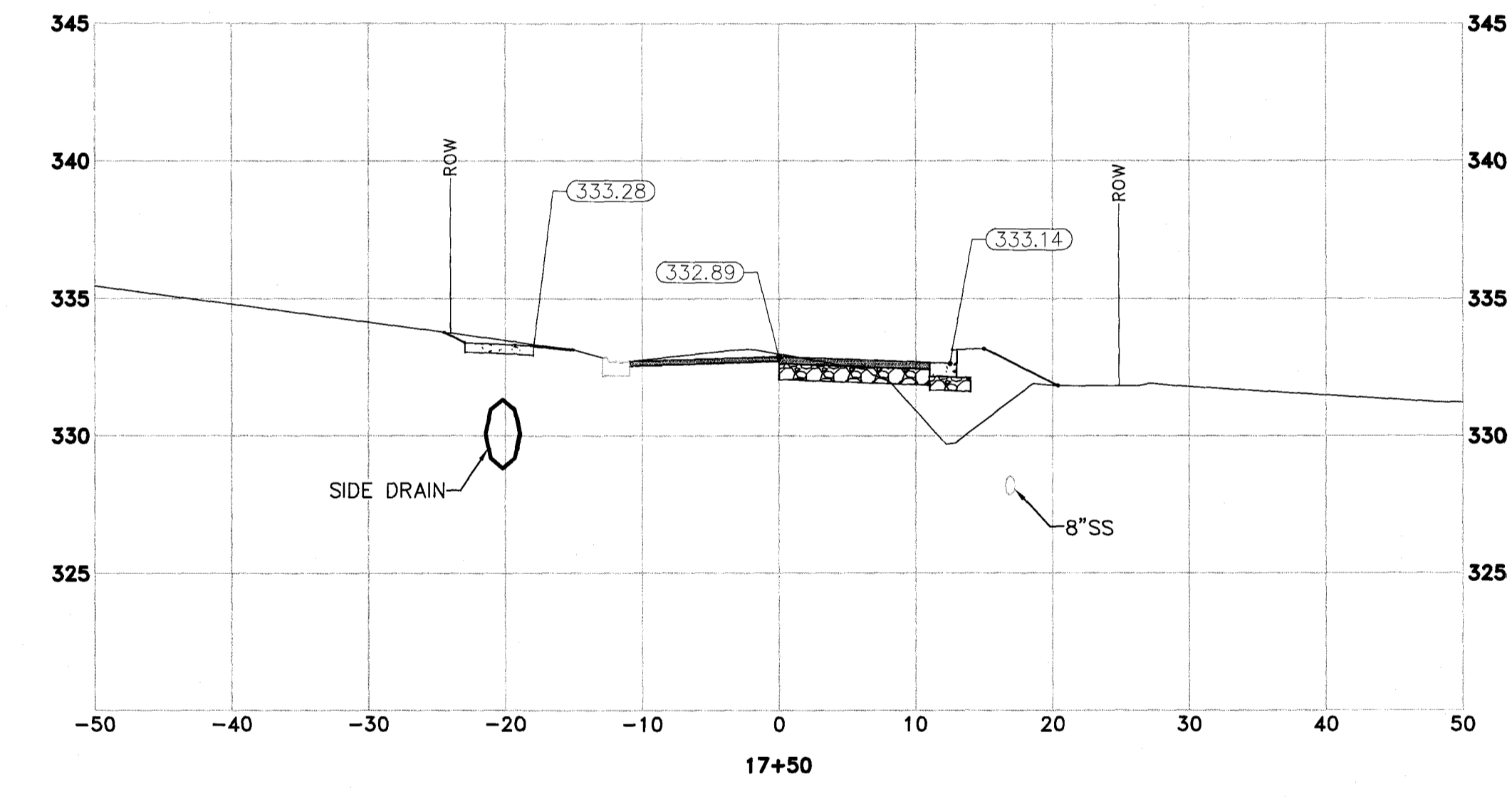
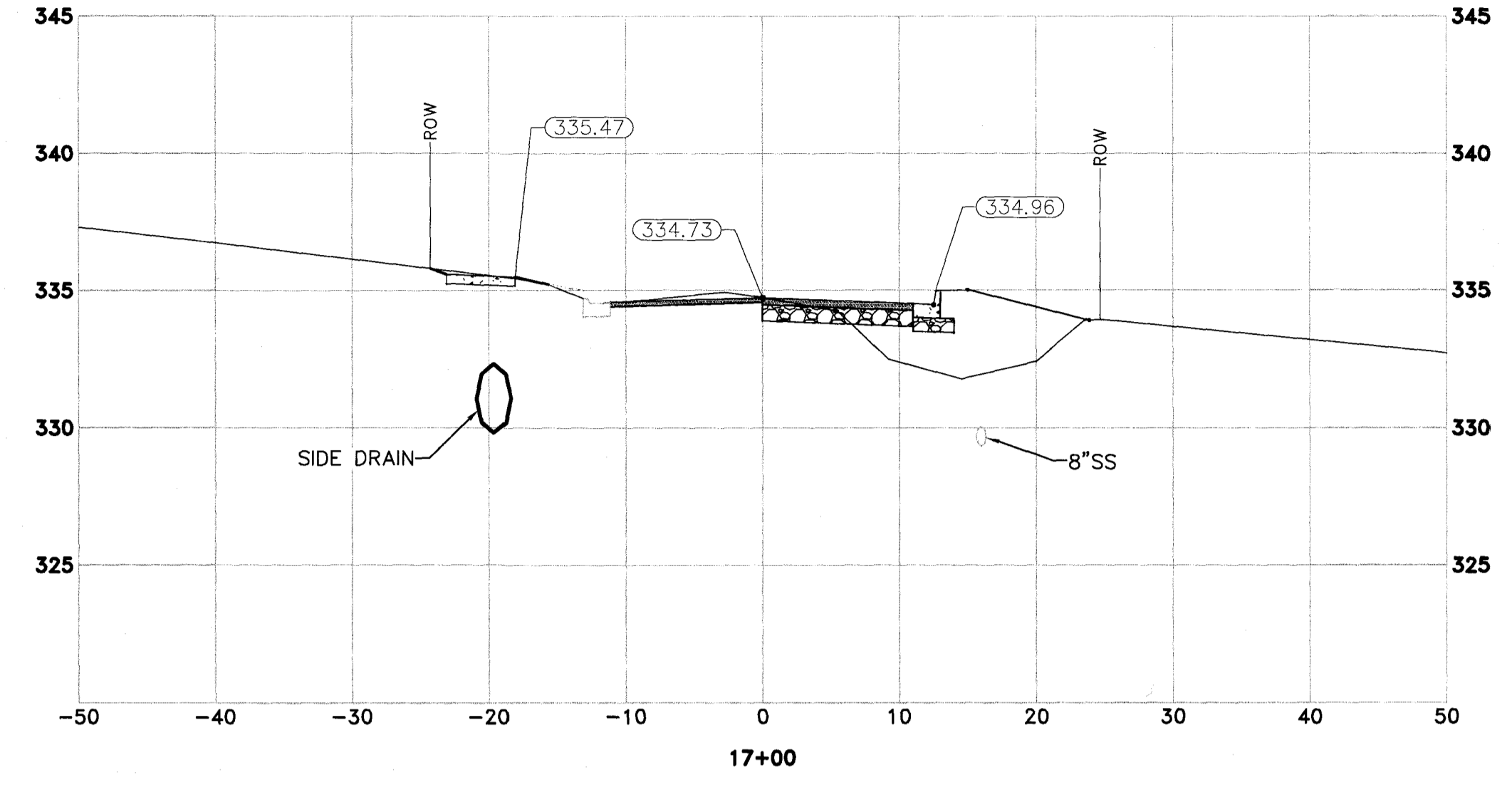
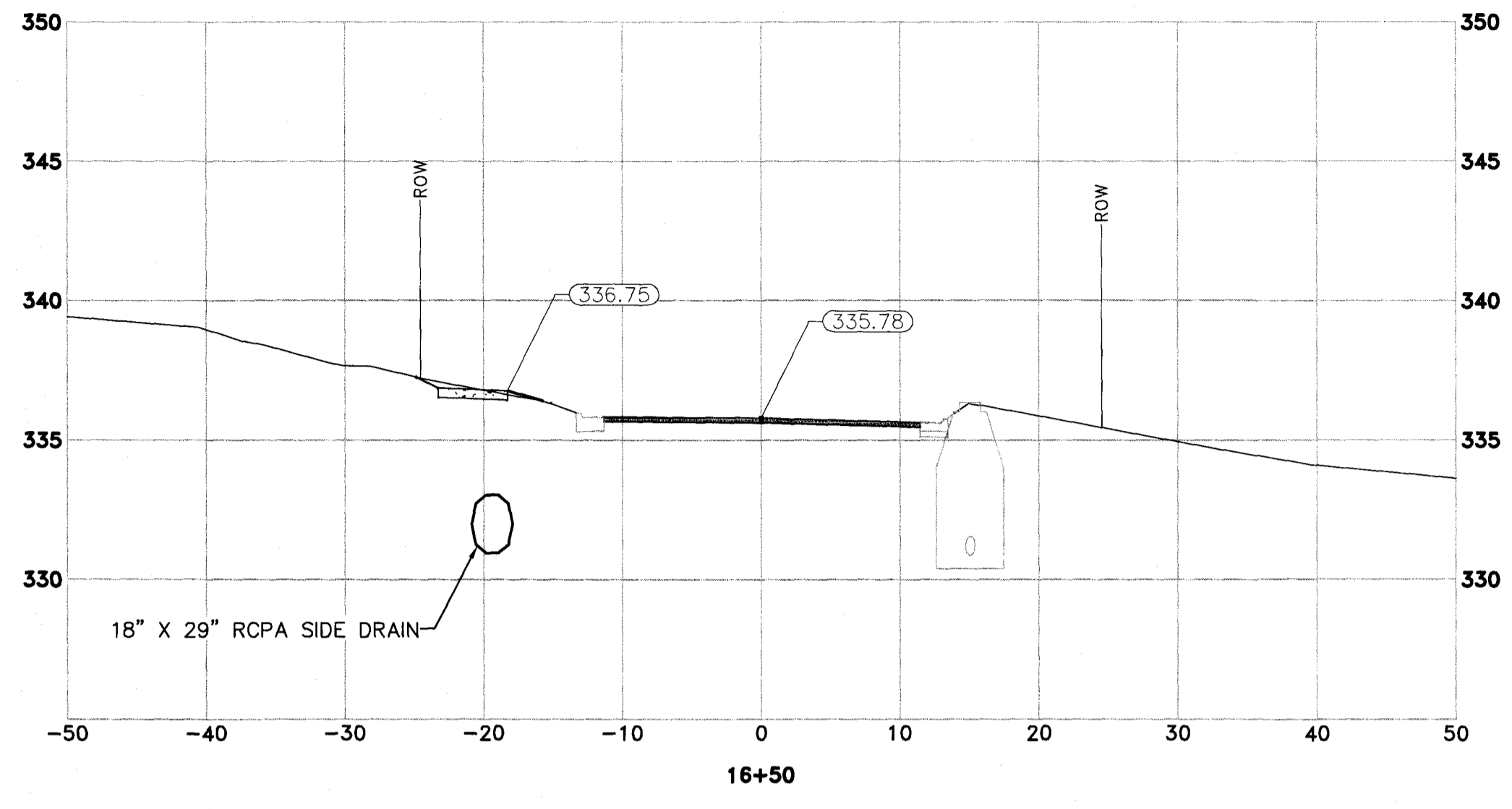
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CITY OF LITTLE ROCK, ARKANSAS
 WEST 24TH STREET
 CROSS SECTIONS

DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
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 LITTLE ROCK, ARKANSAS 72201




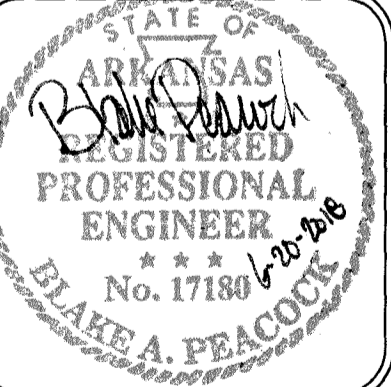
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 DATE
 6-20-2018
 SCALE
 H:1"=10'; V:1"=5'
 PROJECT NO.
 16-6-ST-1
 SHEET NO.
 7



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
WEST 24TH STREET
CROSS SECTIONS

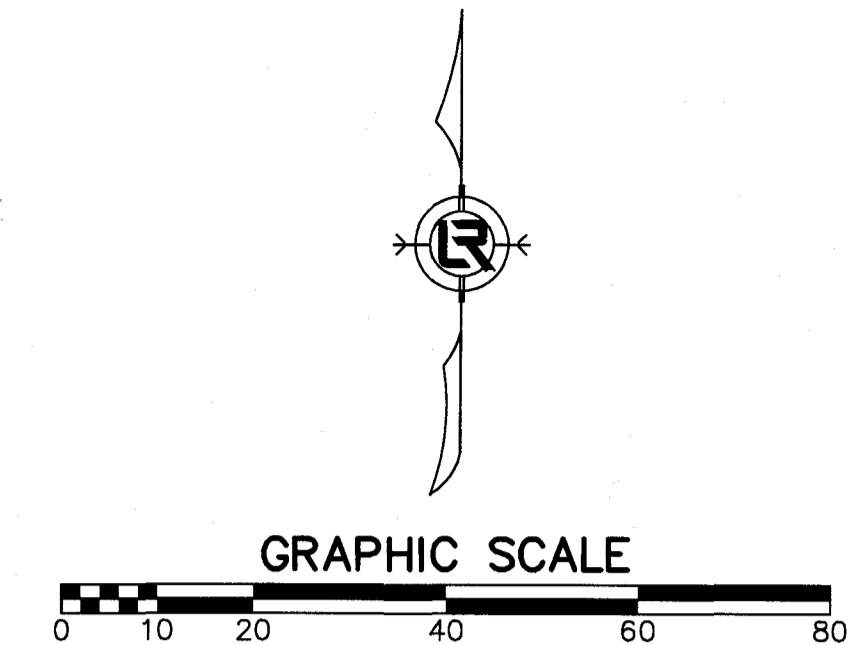

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 STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 17180
 BLAKE A. PEACOCK

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DESIGNED	BAP
CHECKED	JKS
DATE	6-20-2018
SCALE	H:1"=10'; V:1"=5'
PROJECT NO.	16-6-ST-1
SHEET NO.	8


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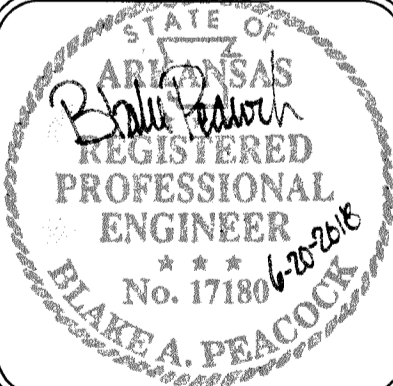
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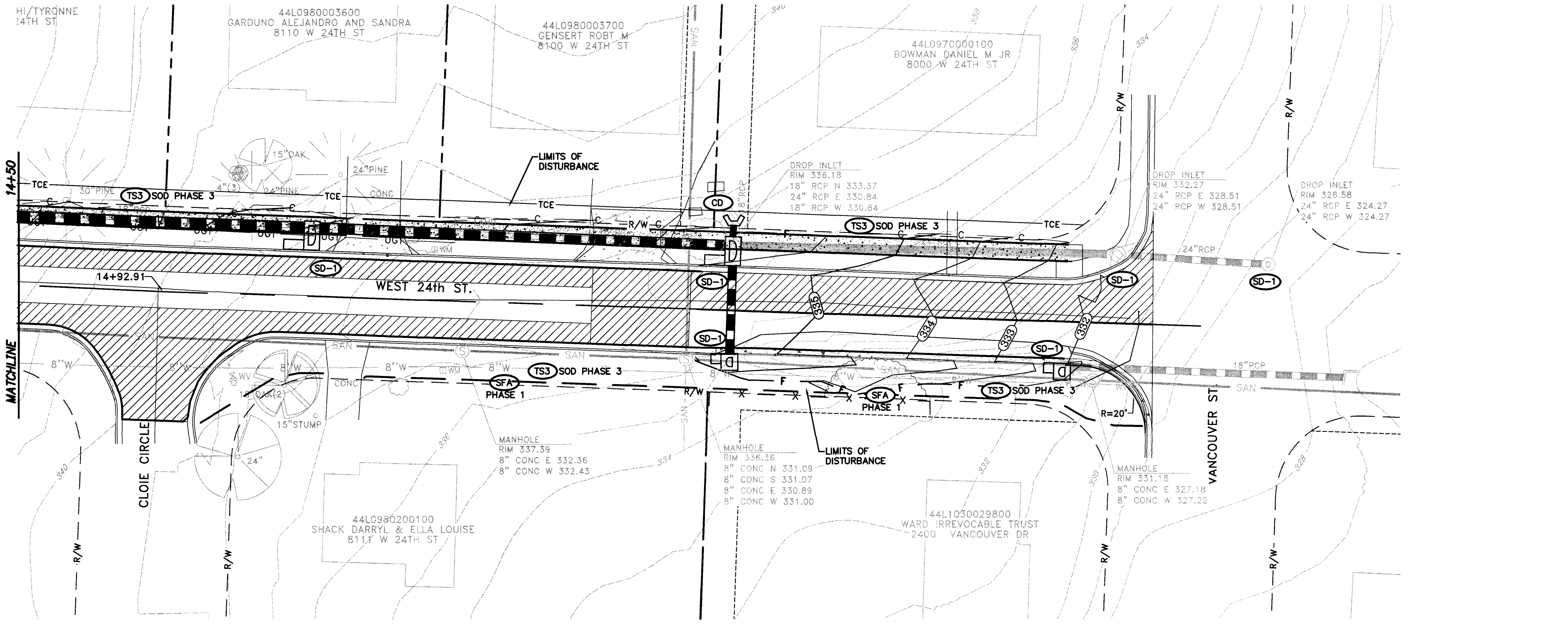
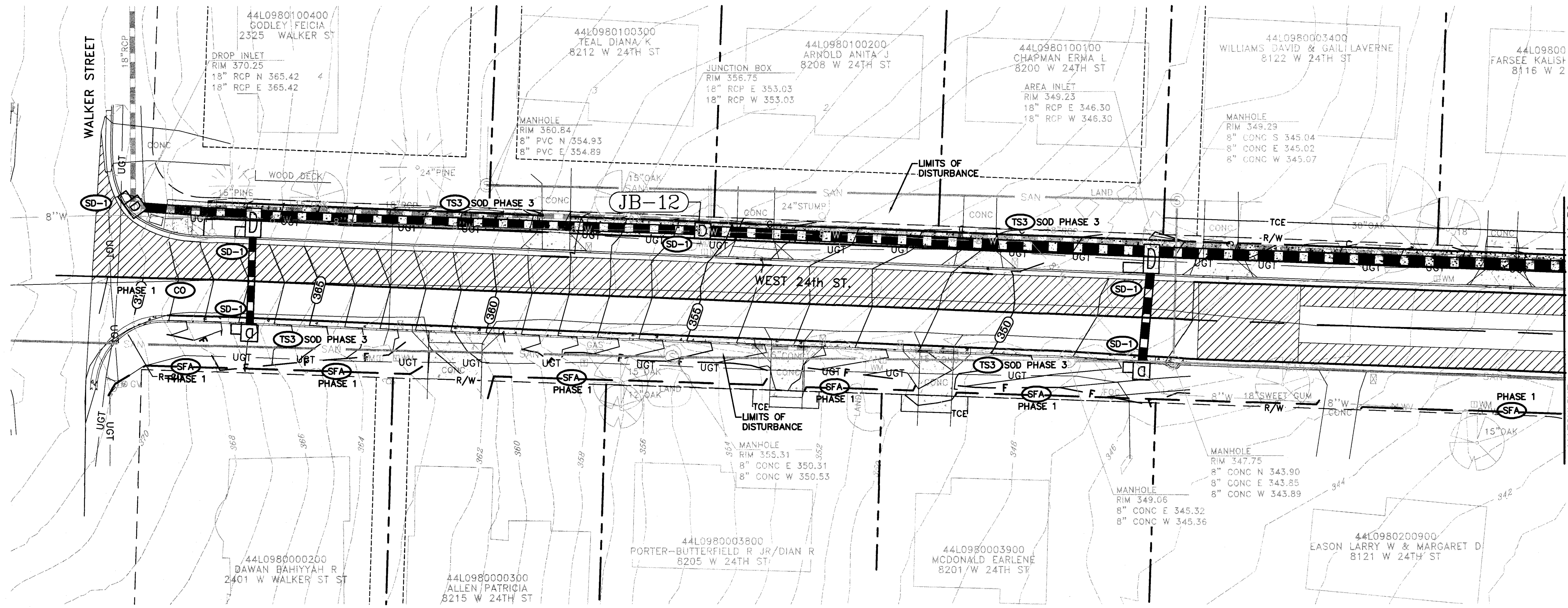
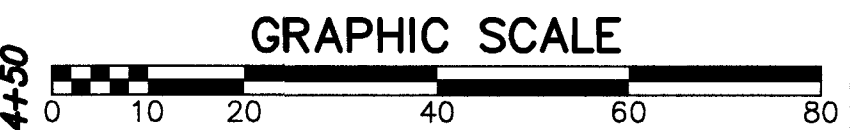
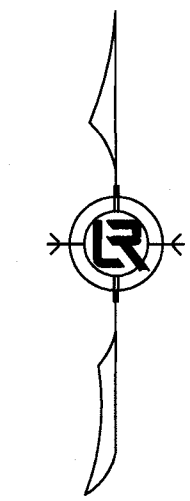
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
WEST 24TH STREET
SURVEY CONTROL AND
RIGHT OF WAY PLAN


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


 STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 17180
 BLAKE A. PEACOCK

DRAWN BY	JCW
DESIGNED	BAP
CHECKED	JKS
DATE	6-20-2018
SCALE	1"=20'
PROJECT NO.	16-6-ST-1
SHEET NO.	9



NOTE:
THE QUANTITIES AND LOCATIONS OF THE EROSION CONTROL DEVICES SHOWN AND MAY BE REVISED BY THE ENGINEER OR CONTRACTOR TO MAXIMIZE EFFECTIVENESS.

BEST MANAGEMENT PRACTICES SEQUENCE

NOTES:
UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREA: TRAILER, 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 MAP.

- PHASE 1**
1. INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT(S) AND SWPPP INFORMATION SIGN.
 2. INSTALL SILT FENCE(S) ON THE SITE. CLEAR ONLY THOSE AREA NECESSARY TO INSTALL SILT FENCE.
 3. PREPARE TEMPORARY PARKING AND STORAGE AREA.
 4. HALT ALL ACTIVATES 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 AREA NECESSARY TO INSTALL HYDRAULIC CONTROLS DEVICES.

- PHASE 2**
1. BEGIN SITE DEMOLITION, CLEARING AND GRUBBING.
 2. CONTINUE GRADING THE SITE.
 3. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
 4. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.

- PHASE 3**
1. CONTINUE GRADING THE SITE.
 2. PREPARE SITE FOR PAVING.
 3. PAVE THE SITE.
 4. INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.
 5. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREA.