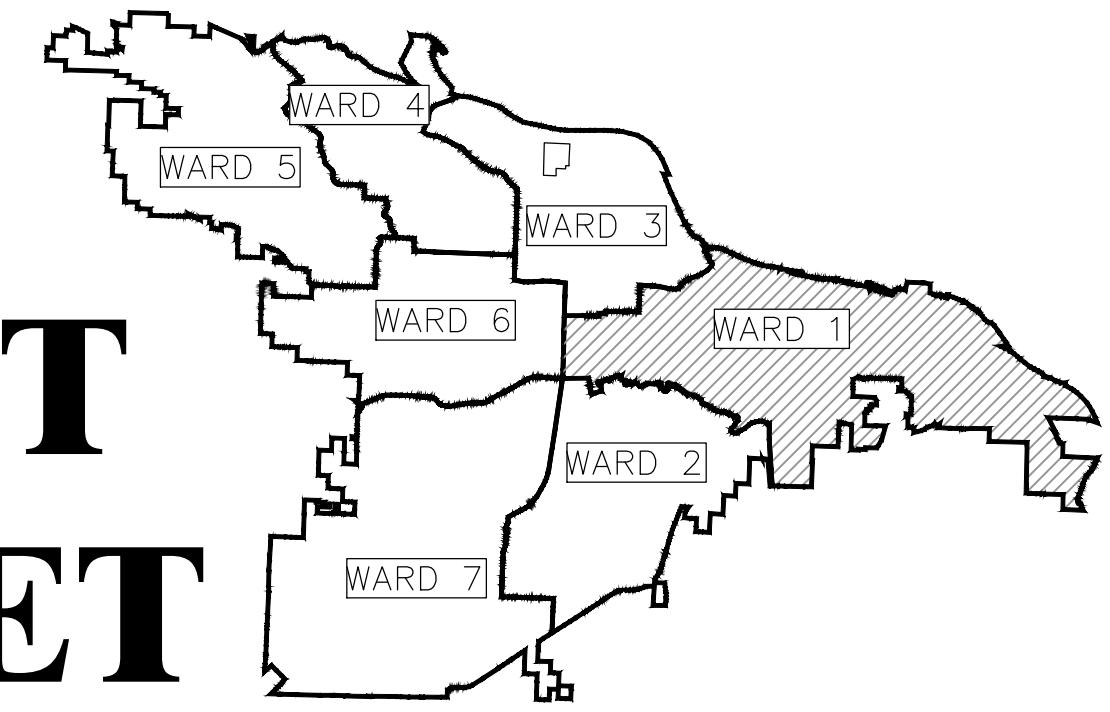


LRPD 12th STREET PARKING LOT AT 13th STREET AND PINE STREET

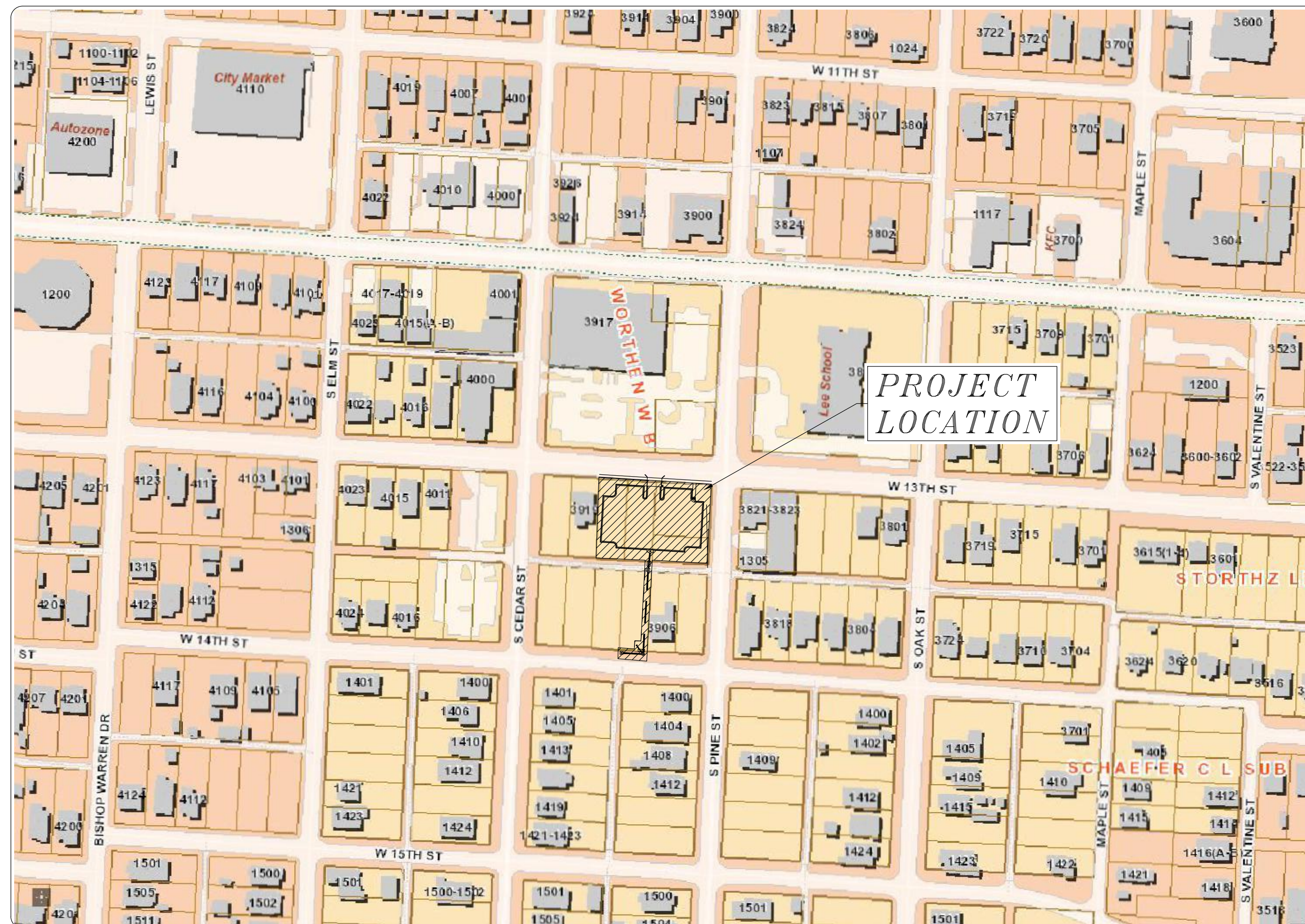
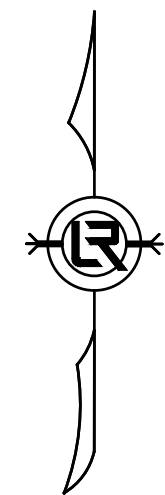


PROJECT LOCATION - WARD 1

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.

COVER SHEET



LOCATION

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



SHEET NO.	SHEET INDEX	TITLE
C1	COVER SHEET	
C2	GENERAL NOTES, LEGEND, AND QUANTITIES	
C3	EXISTING SITE PLAN	
C4	EXISTING SITE PLAN	
C5	DEMOLITION PLAN	
C6	DEMOLITION PLAN	
C7	PROPOSED SITE PLAN	
C8	PROPOSED SITE PLAN	
C9	SITE GRADING PLAN	
C10	PAVING AND STRIPING PLAN	
C11	GEOMETRY PLAN	
C12	STORM DRAIN PLAN AND PROFILE	
C13	LANDSCAPING PLAN	
C14	EROSION CONTROL PLAN PHASE 1	
C15	EROSION CONTROL PLAN PHASE 2	
C16	EROSION CONTROL PLAN PHASE 3	
C17	FIELD TIES - DRAINAGE IMPROVEMENTS	
C18	MAINTENANCE OF TRAFFIC	
C19	GENERAL DETAILS	
C20	GENERAL DETAILS	



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



5800 Evergreen Drive
Little Rock, AR 72205
Ph (501) 663-8800
Fax (501) 588-0123
www.harborenv.com

DRAWN BY	AES
DESIGNED	AHR
CHECKED	AHR
DATE	09-06-2022
SCALE	NONE
PROJECT NO.	CTLR-21514
SHEET NO.	C1

GENERAL SITE NOTES

- GRADE LINE DENOTES FINISHED GRADE WHERE SHOWN ON PLANS.
- ALL PIPE LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE OWNERS AS PER AGREEMENT WITH SUCH OWNERS.
- ANY EQUIPMENT OR APPURTENANCE THAT INTERFERES WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE PROPERTY OF UTILITY SERVICE ORGANIZATIONS SHALL BE MOVED BY THE OWNERS UNLESS OTHERWISE PROVIDED.
- ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
- ALL TREES THAT DO NOT DIRECTLY INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE SPARED AS DIRECTED BY THE ENGINEER. CARE AND DISCRETION SHALL BE USED TO INSURE THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
- CAUTION: UNDERGROUND UTILITIES LIE WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS, HOWEVER ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATION OF THE UTILITIES MAY VARY FROM LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL MARK THE VISIBLE UTILITIES & THE UTILITIES SHOWN ON THE PLANS IN THE FIELD. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKING UNTIL THEY ARE NO LONGER NECESSARY. USE EXTREME CAUTION WHEN EXCAVATING. DIMENSIONS ARE GIVEN TO BACK OR CURB, CENTER OF STRIPE, FACE OF BUILDING, EDGE OF PAVEMENT, OR PROPERTY LINE.
- COORDINATES GIVEN FOR RADII ARE FROM THE CENTER OF THE RADIUS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE APPROPRIATE BARRICADES AND SAFETY PRECAUTIONS IN ALL EXCAVATED AREAS. EXCAVATED AREAS SHALL BE ADEQUATELY FILLED OR COVERED BY THE CONTRACTOR BEFORE LEAVING THE JOB SITE EACH DAY.
- CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO EXISTING STRUCTURES, PAVEMENTS, AND UTILITIES.
- CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS TO THE SITE DURING CONSTRUCTION, HOWEVER THE SITE IS NOT TO BE UTILIZED FOR FACILITY PARKING DURING CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN AN ORDERLY AND CLEAN FASHION.
- ALL WASTE MATERIALS GENERATED FROM CONSTRUCTION BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE THE WASTE MATERIALS FROM THE SITE AND DISPOSE OF IN A LEGAL MANNER.
- PROVIDE ADA ACCESS FOR ALL SIDEWALK CROSSINGS AT TURNOUTS. SIDEWALK CROSSINGS MUST MEET CURRENT ADA STANDARDS.

GENERAL UTILITY NOTES

- PRIOR TO BEGINNING ANY TYPE OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITIES INVOLVED AND MAKE ARRANGEMENTS FOR THE LOCATION OF THE UTILITIES TO BE MARKED ON THE SITE. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY. UNDER ARKANSAS STATE LAW, THE UNDERGROUND FACILITIES DAMAGE PREVENTION ACT REQUIRES TWO WORKING DAYS ADVANCE NOTIFICATION THROUGH THE ARKANSAS ONE-CALL SYSTEM BEFORE EXCAVATING USING MECHANIZED EQUIPMENT OR EXPLOSIVES (EXCEPT IN THE CASE OF AN EMERGENCY). THE ONE-CALL SYSTEM TELEPHONE NUMBER IS 1-800-482-8998 OR 811. THE CONTRACTOR IS ADVISED THAT THERE IS A SEVERE PENALTY FOR NOT MAKING THIS CALL. NOT ALL UTILITIES ARE MEMBERS OF THE ARKANSAS ONE-CALL SYSTEM. THE CONTRACTOR IS ADVISED TO CONTACT ALL NON-MEMBER UTILITIES AS WELL AS THE ONE-CALL SYSTEM.
- CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION AND SIZE FOR ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR TO REMOVE OR RELOCATE WHEN APPLICABLE ALL EXISTING BUILDINGS, FOUNDATIONS, EASEMENTS, AND CONNECTING IMPROVEMENTS, DRAIN PIPES, SANITARY SEWER PIPE, POWER POLES AND GUY WIRES, WATER METERS AND WATER LINES, WELLS, SIDEWALKS, SIGN POLES, UNDERGROUND GAS, SEPTIC TANKS, AND ASPHALT, SHOWN AND NOT SHOWN, WITHIN CONSTRUCTION LIMITS AND WHERE NEEDED, TO ALLOW FOR FILL MATERIAL, UNLESS OTHERWISE DENOTED, TO BE REMOVED AS UNCLASSIFIED EXCAVATION.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
- CONTRACTOR SHALL REFER TO PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER MAINS, WATER MAINS, ELECTRICAL, TELEPHONE, AND COMMUNICATIONS. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH BASE UTILITY REQUIREMENTS AS TO LOCATIONS AND SCHEDULING FOR TIE-INS/CONNECTIONS PRIOR TO CONNECTING EXISTING FACILITIES.
- CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARD OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE, BUT NOT LIMITED TO, ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH PERFORMANCE CRITERIA FOR OSHA.
- CONTRACTOR SHALL, ON ALL UTILITIES, COORDINATE INSPECTION WITH THE APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES AT INSTALLATION.
- CONTRACTOR SHALL COORDINATE UTILITY INSTALLATION WITH LOCAL GOVERNING AUTHORITIES. PAYMENT OF FEE REGARDING THE INSTALLATION OF UTILITIES (I.E. TAPPING FEES, PERMIT FEES, INSTALLATION FEES, METER FEES, ETC.) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

LRPD 12TH ST. PARKING LOT AT 13TH ST. & PINE ST.			
9/6/2022			
ITEM #	ITEM DESCRIPTION	UNIT	QUANTITY
2.01	SITE PREPARATION	LS	1
2.02	CLEARING AND GRUBBING TREES	LS	1
3.01	UNCLASSIFIED EXCAVATION	CY	345
3.02	COMPACTED EMBANKMENT	CY	997
4.01	AGGREGATE BASE COURSE (7")	TONS	706
5.01	TACK COAT (.22 GAL / S.Y.)	GAL	366
6.01	ACHM SURFACE COURSE (330 LBS / S.Y.)	TON	275
7.18	CONCRETE DRIVEWAY (8" THICK), STANDARD FINISH	SF	468
8.03	CONCRETE CURB AND GUTTER (CLASS 3)	LF	592
9.04	CONCRETE SIDEWALK (4" THICK)	SF	950
10.01	JUNCTION BOX (5'XS')	EA	1
10.01RD	JUNCTION BOX (5' DIAM)	EA	1
10.02	AREA INLET (5'XS')	EA	1
10.05	CURB INLET - 5' BOX	EA	1
10.07	WING 3' EXTENSION	EA	2
13.155	STORM DRAIN PIPE, 15" (SIDE)	LF	16
13.245	STORM DRAIN PIPE, 24" (SIDE)	LF	206
13.64	TIE INTO EXISTING BOX CULVERT	EA	1
14.01	SOLID SODDING, BERMUDA	SY	218
16.01	TRAFFIC MAINTENANCE	LS	1
17.01	PAVEMENT REPAIRS	SY	5.20
18.21	FENCE REMOVAL	LF	425.00
18.5	ACCESS RAMP, TYPE 3	SF	31.00
19.01	FINAL CLEANUP	LS	1.00
24.01	CONSTRUCTION ENTRANCE (CO)	EA	1.00
24.09	SEDIMENT BARRIER, BLOCK (SD4)	EA	6.00
24.12	SILT FENCE - TYPE B (SFB)	LF	350.00
24.16	DISTURBED AREA STABILIZATION - TEMPORARY STABILIZATION (TS1)	AC	0.59
24.17	DISTURBED AREA STABILIZATION - TEMPORARY GRASSING (TS2)	AC	0.06
24.18	DISTURBED AREA STABILIZATION - PERMANENT GRASSING (TS3)	AC	0.03
25.76	FENCE, BLACK IRON (G)	LF	576.00
25.77	FENCE GATE SYSTEM, 6'X24', AUTO. SLIDE W/ CONTROLS	EA	1.00
25.78	FENCE MAN GATE SYSTEM, W/ CONTROLS	EA	1.00
26.1	TRENCH & EXCAVATION SAFETY	LS	1.00
601.00	MOBILIZATION	LS	1.00
604.01	SIGNS	SF	96.00
606.15C	FLARED END SECTION 15" RCP	EA	1
719.04W	THERMOPLASTIC PAVEMENT MARKING WHITE (4")	LF	878
SP	IRRIGATION	LS	1.00
SP	LANDSCAPING	LS	1.00
SP	LIGHTING	LS	1.00

LEGEND

EXISTING

	PROPERTY LINE
	LOT LINE
	SETBACK LINE
	EASEMENT LINE
	CONTOUR (MAJOR)
	CONTOUR (MINOR)
	CHAIN LINK FENCE
	STORM DRAIN PIPE
	WATER LINE
	SANITARY SEWER
	OVERHEAD ELECTRIC
	HATCH (ASPHALT)
	HATCH (CONCRETE)
	HATCH (GRAVEL)
	IRON PIN FOUND
	IRON PIN SET - REBAR W/CAP (R.L.S. 1203)
	POWER POLE
	POLE MOUNTED LIGHT
	POWER POLE W/ TRANSFORMER
	POWER POLE W/ LIGHT & TRANS
	LANDSCAPE LIGHT
	WATER VALVE
	FIRE HYDRANT
	YARD HYDRANT (FREEZE-PROOF)
	WATER METER
	SANITARY SEWER MANHOLE
	STORMWATER MANHOLE
	TREE

PROPOSED

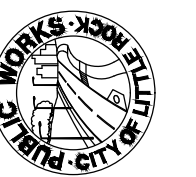
	CONTOUR (MAJOR)
	CONTOUR (MINOR)
	STORM DRAIN PIPE
	6' METAL FENCE
	HATCH (ASPHALT)
	HATCH (CONCRETE)
	WATER LINE
	WATER METER
	STORMWATER MANHOLE
	CONSTRUCTION - ENTRANCE/EXIT
	CHECK DAM
	DIVERSION BERM
	DOWNDRAIN STRUCTURE - TEMPORARY
	ROCK DAM
	SEDIMENT BARRIER - SILT FENCE
	SEDIMENT BARRIER - GRAVEL RING
	SEDIMENT BARRIER - BLOCK & GRAVEL
	SEDIMENT BARRIER - BLOCK
	TEMPORARY SEDIMENT BASIN
	SILT FENCE - TYPE A
	SILT FENCE - TYPE B
	SILT FENCE - TYPE C
	STORM DRAIN INTLET PROTECTION
	SURFACE ROUGHENING
	DISTURBED AREA STABILIZATION -TEMPORARY STABILIZATION
	DISTURBED AREA STABILIZATION -TEMPORARY GRASSING
	DISTURBED AREA STABILIZATION -PERMANENT GRASSING
	MATTING/BLANKETS
	STORM WATER FLOW DIRECTION

REVISIONS DATE

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.

GENERAL NOTES, LEGEND, AND QUANTITIES



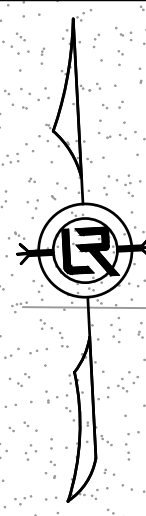
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



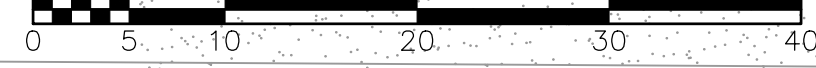
DRAWN BY

AES
DESIGNED
AHR
CHECKED
AHR
DATE
09-06-2022
SCALE
NOTED
PROJECT NO.
CTLR-22372
SHEET NO.

C2



GRAPHIC SCALE

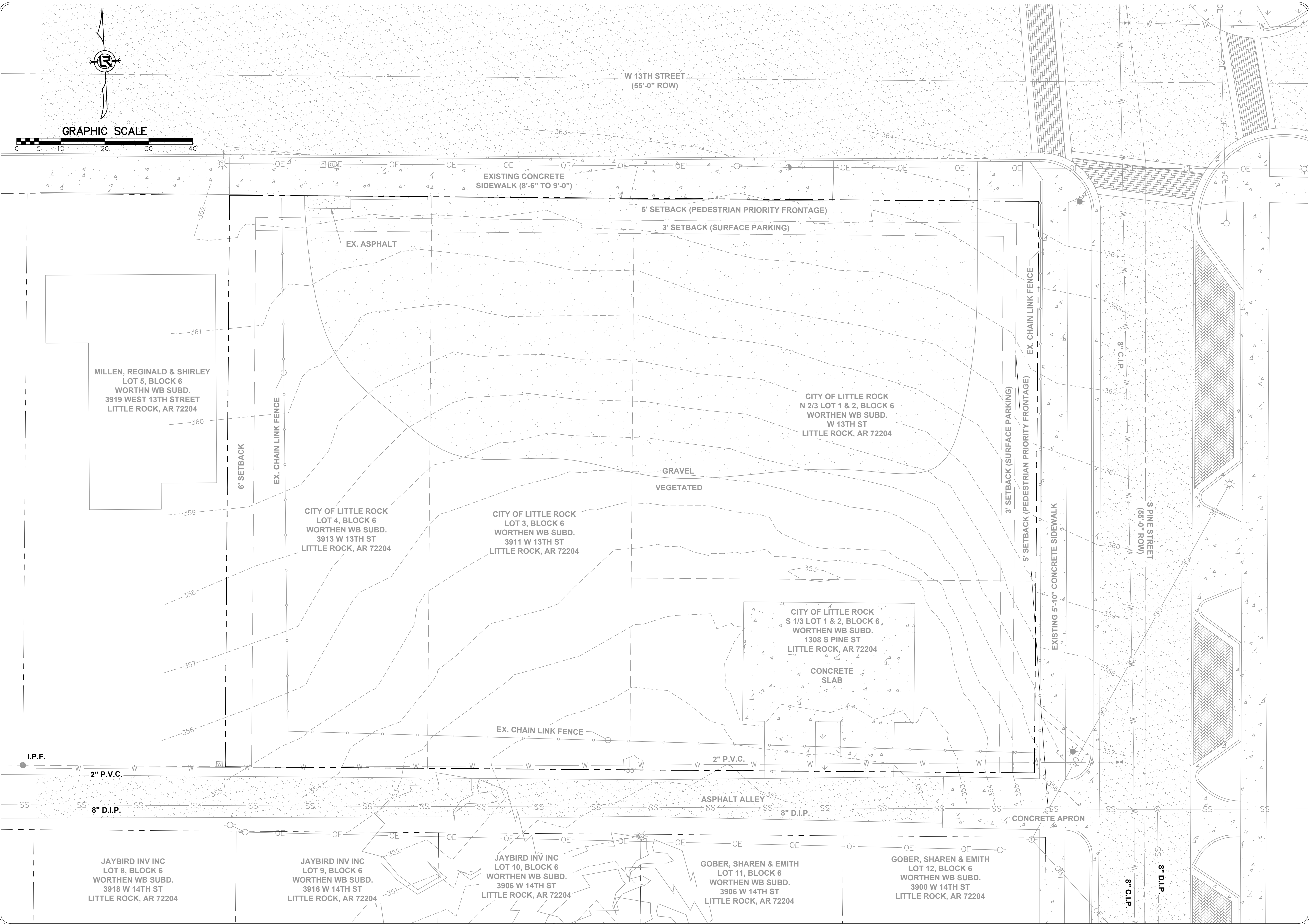


REVISIONS DATE

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.

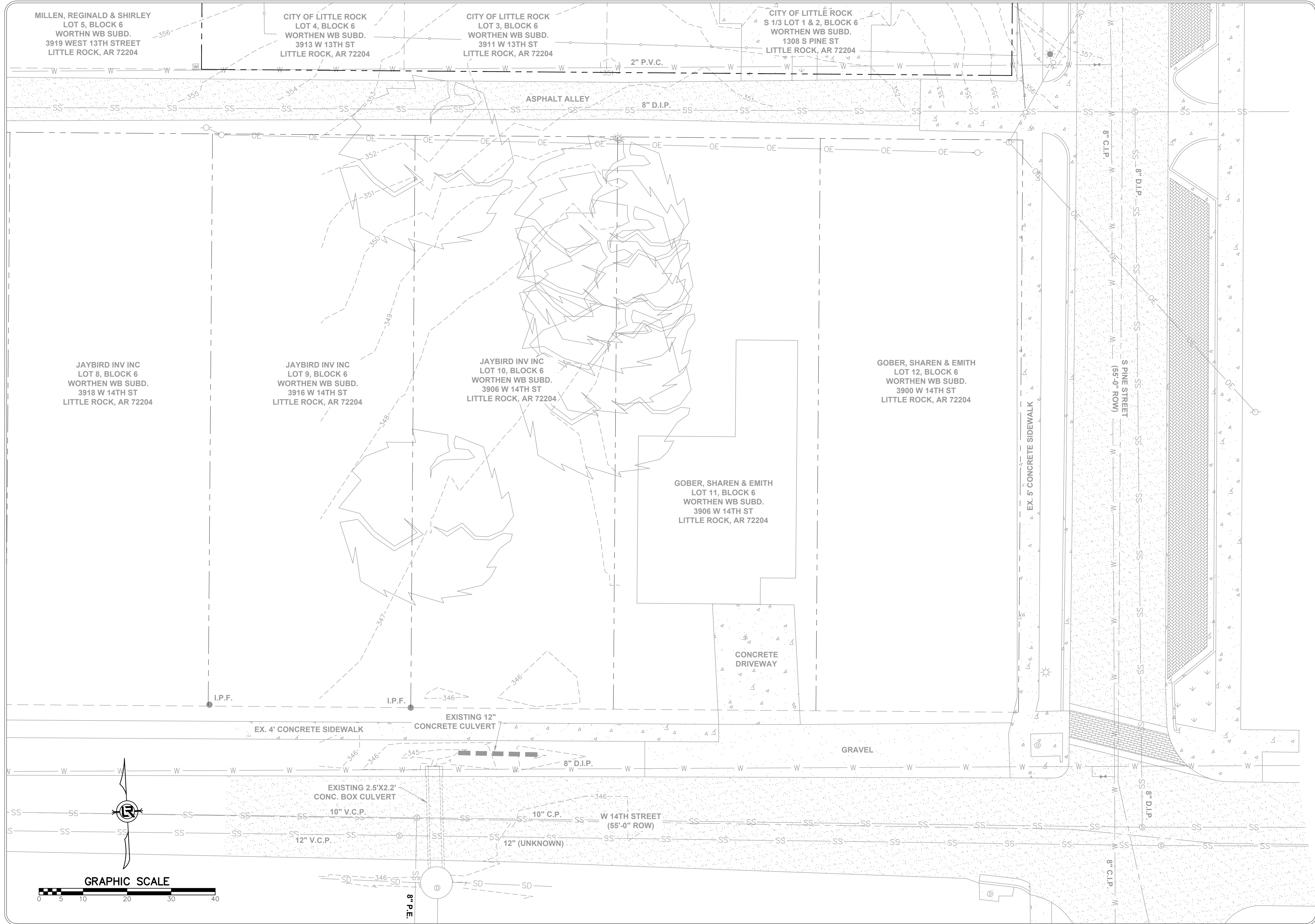
EXISTING SITE PLAN



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


ARKANSAS
 REGISTERED
 PROFESSIONAL
 ENGINEER
 No. 10452
 ANDREW H. RIVE

DRAWN BY
 AES
 DESIGNED
 AHR
 CHECKED
 AHR
 DATE
 09-06-2022
 SCALE
 NOTED
 PROJECT NO.
 CTLR-22372
 SHEET NO.
 C3



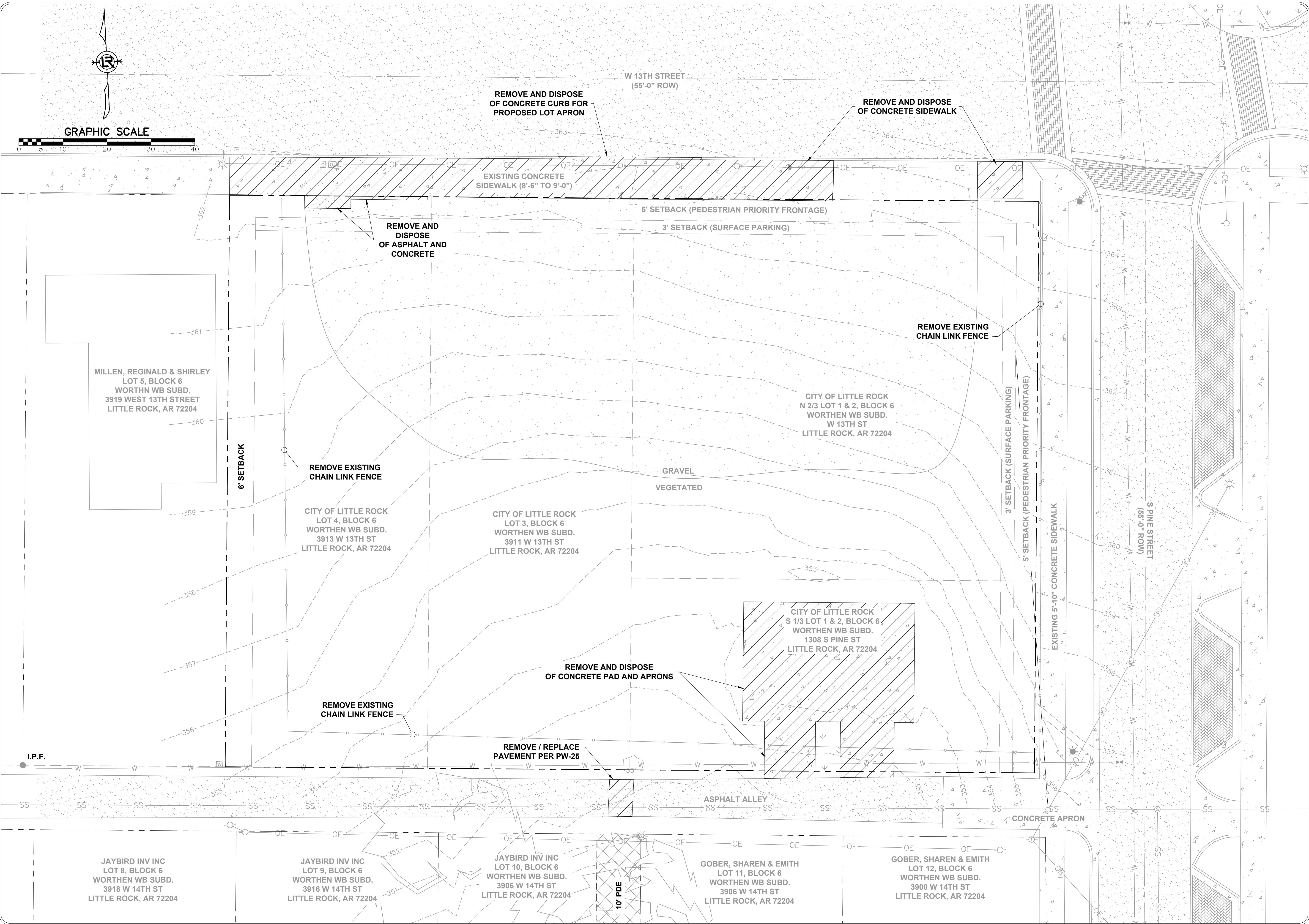
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.
EXISTING SITE PLAN


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



 REGISTERED PROFESSIONAL ENGINEER
 No. 10452
 ANDREW H. RIVE

DRAWN BY	AES
DESIGNED	AHR
CHECKED	AHR
DATE	09-06-2022
SCALE	NOTED
PROJECT NO.	CTLR-22372
SHEET NO.	C4




REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.
 DEMOLITION PLAN

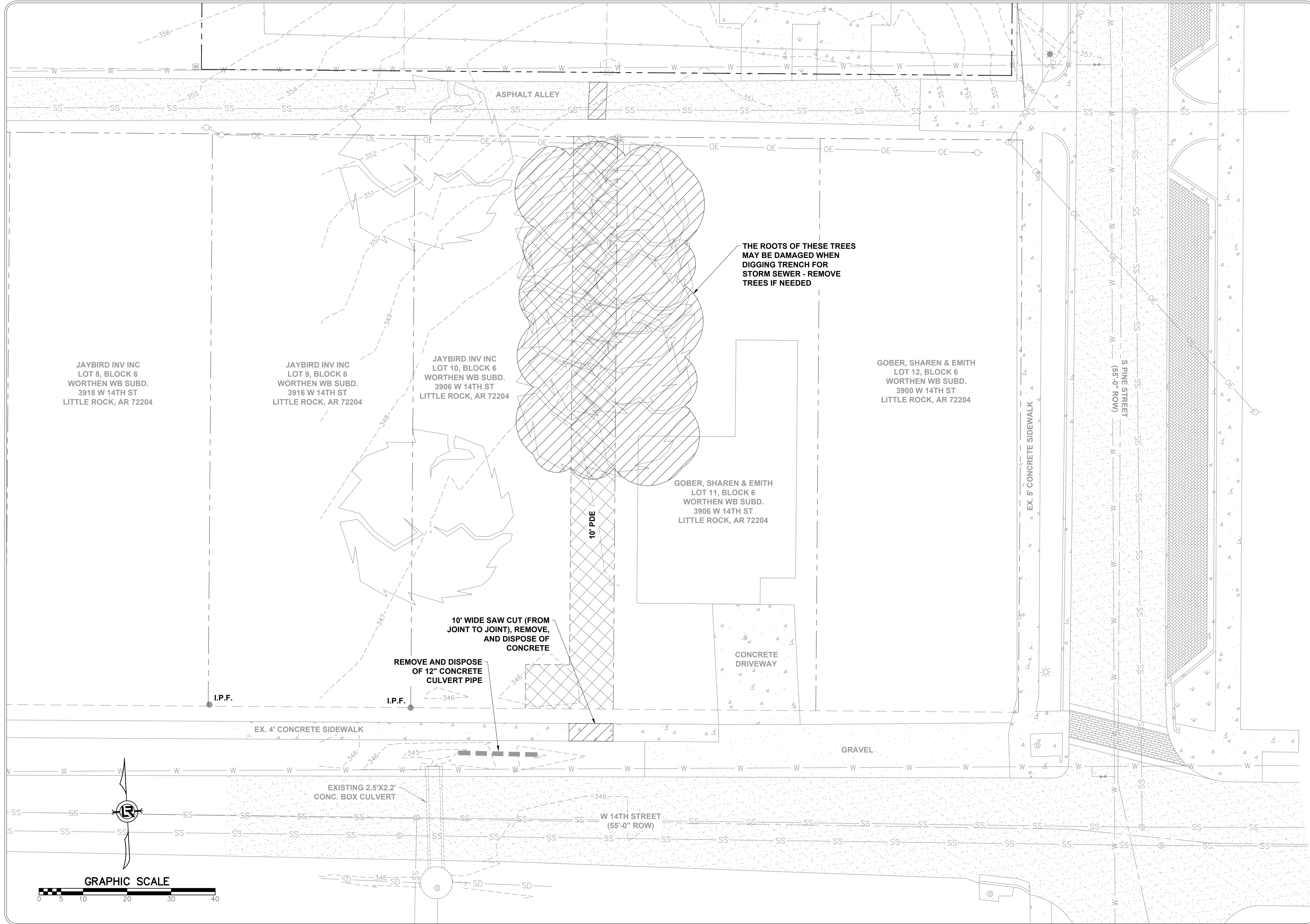


DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201





ANDREW H. RIVE
 No. 10452

DRAWN BY
 AES
 DESIGNED
 AHR
 CHECKED
 AHR
 DATE
 8-8-22
 SCALE
 NOTED
 PROJECT NO.
 CTR-22372
 SHEET NO.
 C5



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.
DEMOLITION PLAN


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


 ANDREW H. RIVE
 No. 10452

DRAWN BY	AES
DESIGNED	AHR
CHECKED	AHR
DATE	09-06-2022
SCALE	NOTED
PROJECT NO.	CTLR-22372
SHEET NO.	C6

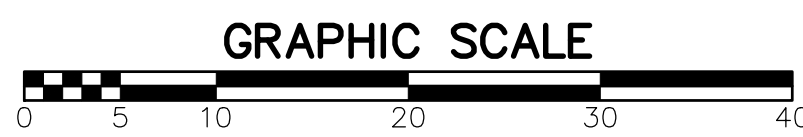
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.
 PROPOSED SITE PLAN

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

STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 10452
 ANDREW H. RIVE

DRAWN BY
 AES
 DESIGNED
 AHR
 CHECKED
 AHR
 DATE
 09-06-2022
 SCALE
 NOTED
 PROJECT NO.
 CTLR-22372
 SHEET NO.
 C7



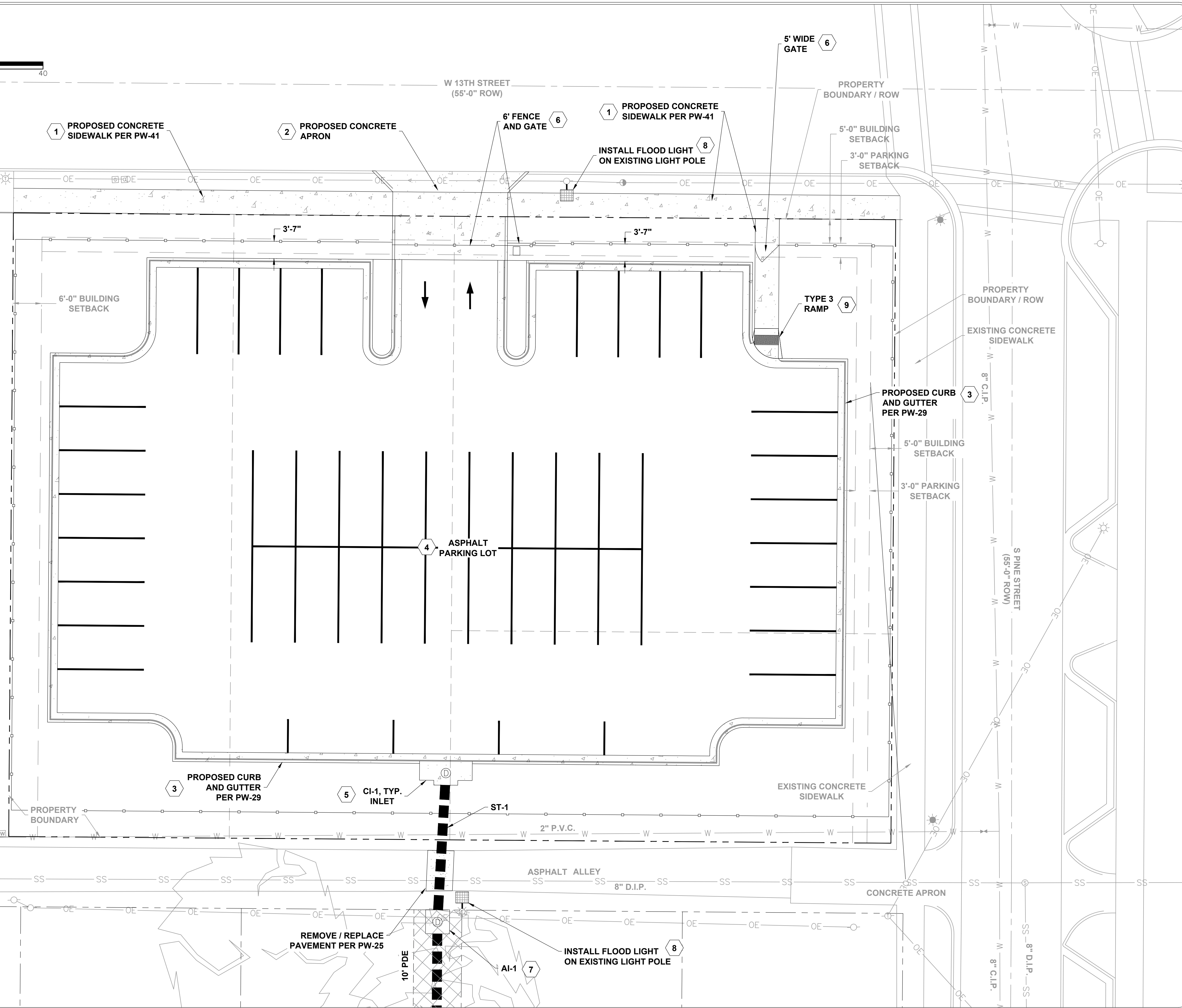
KEY NOTES:

- 1 INSTALL CONCRETE SIDEWALK DETAIL PW-41
- 2 INSTALL CONCRETE APRON SP-1, SHEET C19
- 3 INSTALL CONCRETE CURB AND GUTTER - DETAIL PW-29
- 4 INSTALL ASPHALT PARKING LOT - DETAIL 2 SHEET C19
- 5 INSTALL CONCRETE CURB INLET, CI-1, TYP. INLET PW-1A
- 6 INSTALL 6' FENCE AND GATE SP-1, SHEET C20
- 7 INSTALL CONCRETE AREA INLET - AI-1
- 8 COORDINATE WITH ENTERGY THE INSTALLATION OF F3BZ LED FLOOD LIGHT EQUIVALENT TO 250W HPS/MH FLOOD LIGHT LUMINAIRE, 4000°K AT 25' HEIGHT, 45° TILT. INSTALL LIGHT ON POLE PER ENTERGY SPECIFICATIONS.
- 9 INSTALL HANDICAP RAMP. TYPE 3' RAMP

MILLEN, REGINALD & SHIRLEY
 3919 WEST 13TH STREET

GENERAL NOTES:

1. SEE GEOMETRY PLAN, SHEET C11.
2. PRIOR TO BEGINNING ANY TYPE OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITIES INVOLVED AND MAKE ARRANGEMENTS FOR THE LOCATION FOR THE UTILITIES TO BE MARKED ON THE SITE. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY. UNDER ARKANSAS STATE LAW, THE UNDERGROUND FACILITIES DAMAGE PREVENTION ACT REQUIRES TWO WORKING DAYS ADVANCE NOTIFICATION THROUGH THE ARKANSAS ONE-CAL SYSTEM BEFORE EXCAVATING USING MECHANIZED EQUIPMENT OR EXPLOSIVES (EXCEPT IN THE CASE OF AN EMERGENCY). THE ONE-CALL SYSTEM TELEPHONE NUMBER IS 1-800-482-8998 OR 811. THE CONTRACTOR IS ADVISED THAT THERE IS A SEVERE PENALTY FOR NOT MAKING THIS CALL. NOT ALL UTILITIES ARE MEMBERS OF THE ARKANSAS ONE-CAL SYSTEM. THE CONTRACTOR IS ADVISED TO CONTACT ALL NON-MEMBER UTILITIES AS WELL AS THE ONE-CALL SYSTEM.



MILLEN
LOT 5
BLOCK 6

CITY OF LITTLE ROCK
LOT 4
BLOCK 6

CITY OF LITTLE ROCK
LOT 3
BLOCK 6

W B WORTHENS
S 1/3 LOT 1 & 2
BLOCK 6

2" P.V.C.

2" P.V.C.

8" D.I.P.

GENERAL NOTES:

1. SEE GEOMETRY PLAN, SHEET C11.
2. PRIOR TO BEGINNING ANY TYPE OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITIES INVOLVED AND MAKE ARRANGEMENTS FOR THE LOCATION FOR THE UTILITIES TO BE MARKED ON THE SITE. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY. UNDER ARKANSAS STATE LAW, THE UNDERGROUND FACILITIES DAMAGE PREVENTION ACT REQUIRES TWO WORKING DAYS ADVANCE NOTIFICATION THROUGH THE ARKANSAS ONE-CAL SYSTEM BEFORE EXCAVATING USING MECHANIZED EQUIPMENT OR EXPLOSIVES (EXCEPT IN THE CASE OF AN EMERGENCY). THE ONE-CALL SYSTEM TELEPHONE NUMBER IS 1-800-482-8998 OR 811. THE CONTRACTOR IS ADVISED THAT THERE IS A SEVERE PENALTY FOR NOT MAKING THIS CALL. NOT ALL UTILITIES ARE MEMBERS OF THE ARKANSAS ONE-CAL SYSTEM. THE CONTRACTOR IS ADVISED TO CONTACT ALL NON-MEMBER UTILITIES AS WELL AS THE ONE-CALL SYSTEM.

JAYBIRD INV INC
LOT 9, BLOCK 6
WORTHEN WB SUBD.
3916 W 14TH ST
LITTLE ROCK, AR 72204

JAYBIRD INV INC
LOT 10, BLOCK 6
WORTHEN WB SUBD.
3906 W 14TH ST
LITTLE ROCK, AR 72204

GOBER, SHAREN & EMITH
LOT 12, BLOCK 6
WORTHEN WB SUBD.
3900 W 14TH ST
LITTLE ROCK, AR 72204

GOBER, SHAREN & EMITH
LOT 11, BLOCK 6
WORTHEN WB SUBD.
3906 W 14TH ST
LITTLE ROCK, AR 72204

15" FLARED END SECTION

PATCH CONCRETE OVER
PROPOSED STORM DRAIN PIPE
PER PW-41

EXISTING CONCRETE
SIDEWALK

CONCRETE
DRIVEWAY

GRAVEL

ASPHALT

10" V.C.P.

12" V.C.P.

JB-2

ST-3

JB-1

10" C.P.

W 14TH STREET
(55'-0" ROW)

ST-4

8" D.I.P.

8" D.I.P.

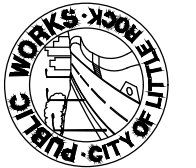
8" C.I.P.

8" C.I.P.

REVISIONS	DATE

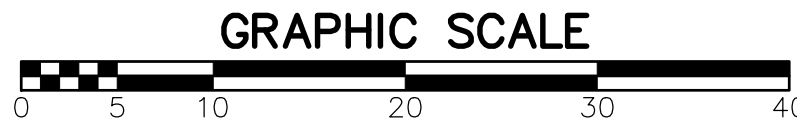
CITY OF LITTLE ROCK, ARKANSAS
LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.
PROPOSED SITE PLAN

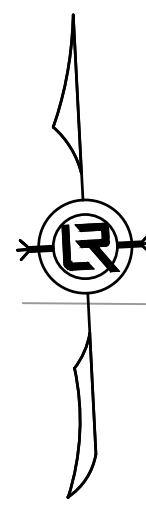
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



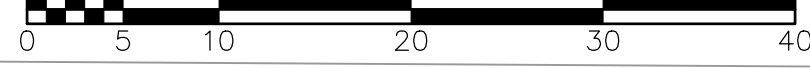
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10452
ANDREW H. RIVE

DRAWN BY AES
DESIGNED AHR
CHECKED AHR
DATE 09-06-2022
SCALE NOTED
PROJECT NO. CTLR-22372
SHEET NO. C8





GRAPHIC SCALE



W 13TH STREET
(55'-0" ROW)

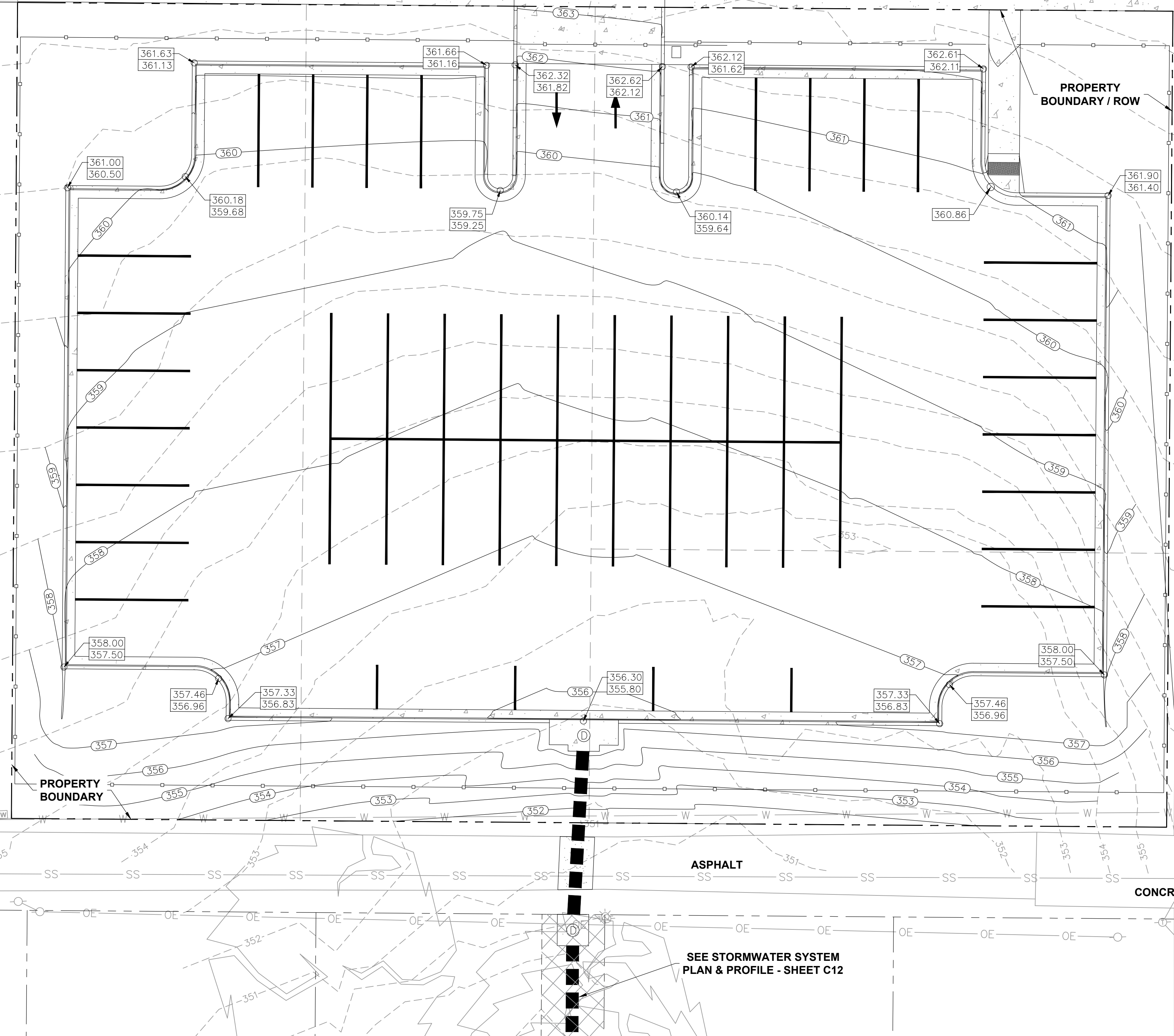
MILLEN, REGINALD & SHIRLEY
3919 WEST 13TH STREET

KEY NOTES:

- 1. FINAL ASPHALT SURFACE SHALL "FEATHER-OUT" TO CREATE SMOOTH TRANSITIONS AND ENSURE POSITIVE DRAINAGE.

GENERAL NOTES:

- 1. MAXIMUM SLOPE OF 20H:1V UNLESS NOTED OTHERWISE.
- 2. ALL ELEVATIONS ARE TO TOP OF EXISTING GROUND, TOP OF PROPOSED PARKING LOT SURFACE, AND TOP OF PROPOSED CURB.



SEE STORMWATER SYSTEM
PLAN & PROFILE - SHEET C12

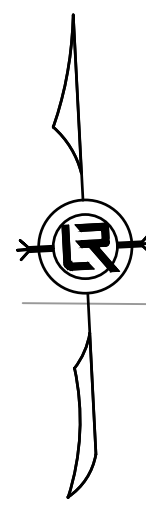
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.
SITE GRADING PLAN

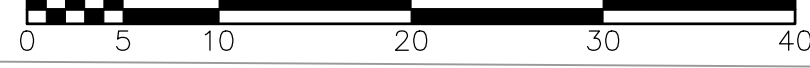
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201

ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10452
ANDREW H. RIVE

DRAWN BY AES
DESIGNED AHR
CHECKED AHR
DATE 09-06-2022
SCALE NOTED
PROJECT NO. CTLR-22372
SHEET NO. C9



GRAPHIC SCALE



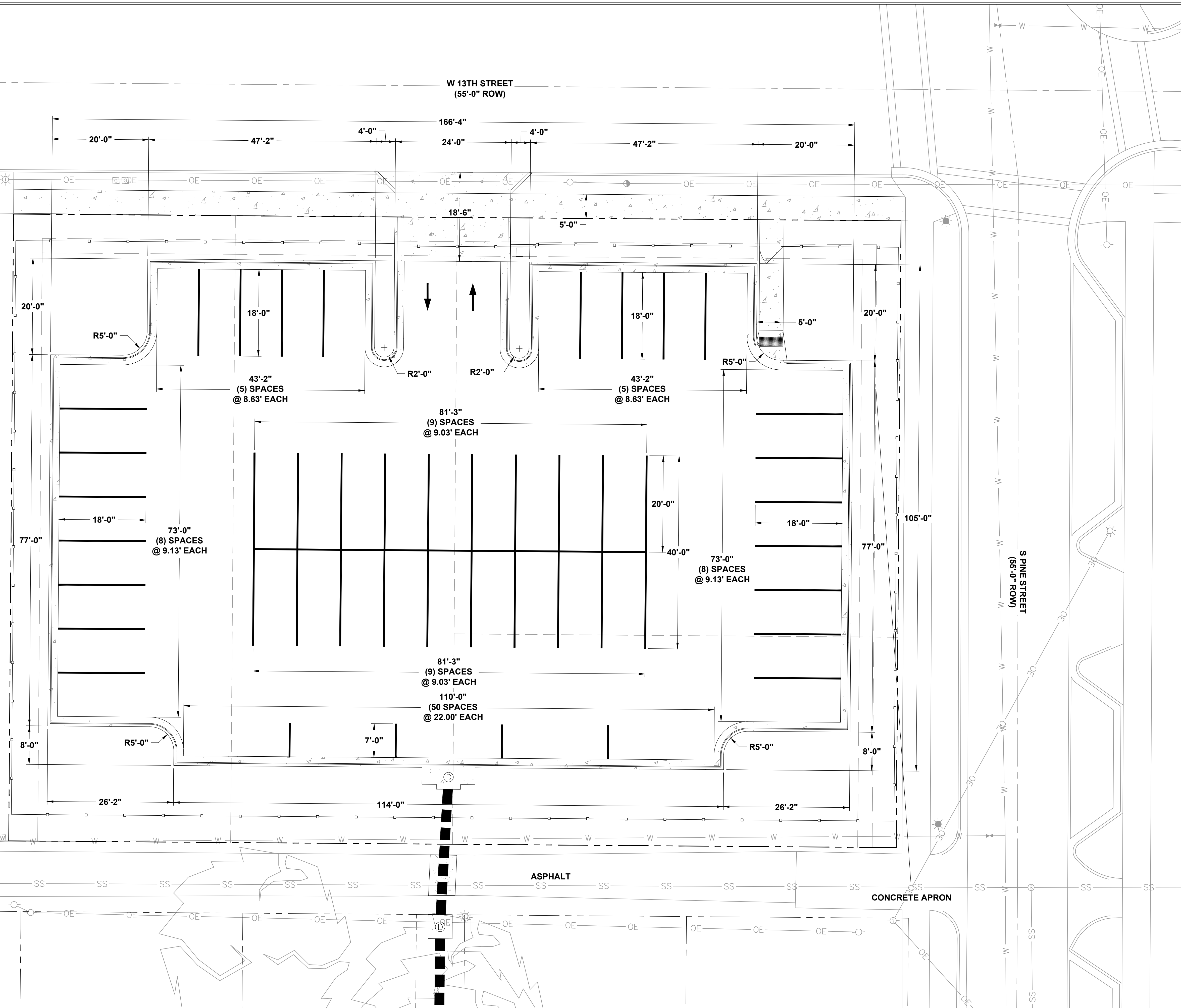
MILLEN, REGINALD & SHIRLEY
3919 WEST 13TH STREET

KEY NOTES:

- 1. FINAL ASPHALT SURFACE SHALL "FEATHER-OUT" TO CREATE SMOOTH TRANSITIONS AND ENSURE POSITIVE DRAINAGE.

GENERAL NOTES:

- 1. MAXIMUM SLOPE OF 20H:1V UNLESS NOTED OTHERWISE.
- 2. ALL ELEVATIONS ARE TO TOP OF EXISTING GROUND, TOP OF PROPOSED PARKING LOT SURFACE, AND TOP OF PROPOSED CURB.



REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.
PAYING AND STRIPING PLAN

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

ARKANSAS
REGISTERED
PROFESSIONAL
ENGINEER
No. 10452
ANDREW H. RIVE

DRAWN BY
AES
DESIGNED
AHR
CHECKED
AHR
DATE
09-06-2022
SCALE
NOTED
PROJECT NO.
CTLR-22372
SHEET NO.
C10

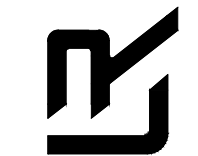
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.

GEOMETRY PLAN



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



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AHR
CHECKED
AHR
DATE
09-06-2022
SCALE
NOTED
PROJECT NO.
CTLR-22372
SHEET NO.
C11

Point Table			
Point #	Northing	Easting	Description
700	147995.16	1216919.48	EOC
701	147990.29	1216998.41	EOC
702	147988.84	1217022.37	EOC
703	147983.94	1217103.94	EOC
704	147978.94	1217103.76	EOC
705	147980.48	1217078.14	EOC
706	147980.78	1217073.15	EOC
707	147983.85	1217022.07	EOC
708	147985.29	1216998.11	EOC
709	147976.07	1216999.56	EOC/EOA

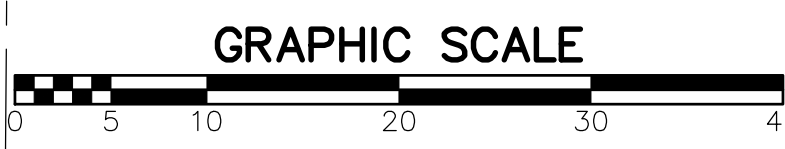
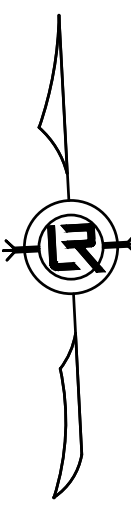
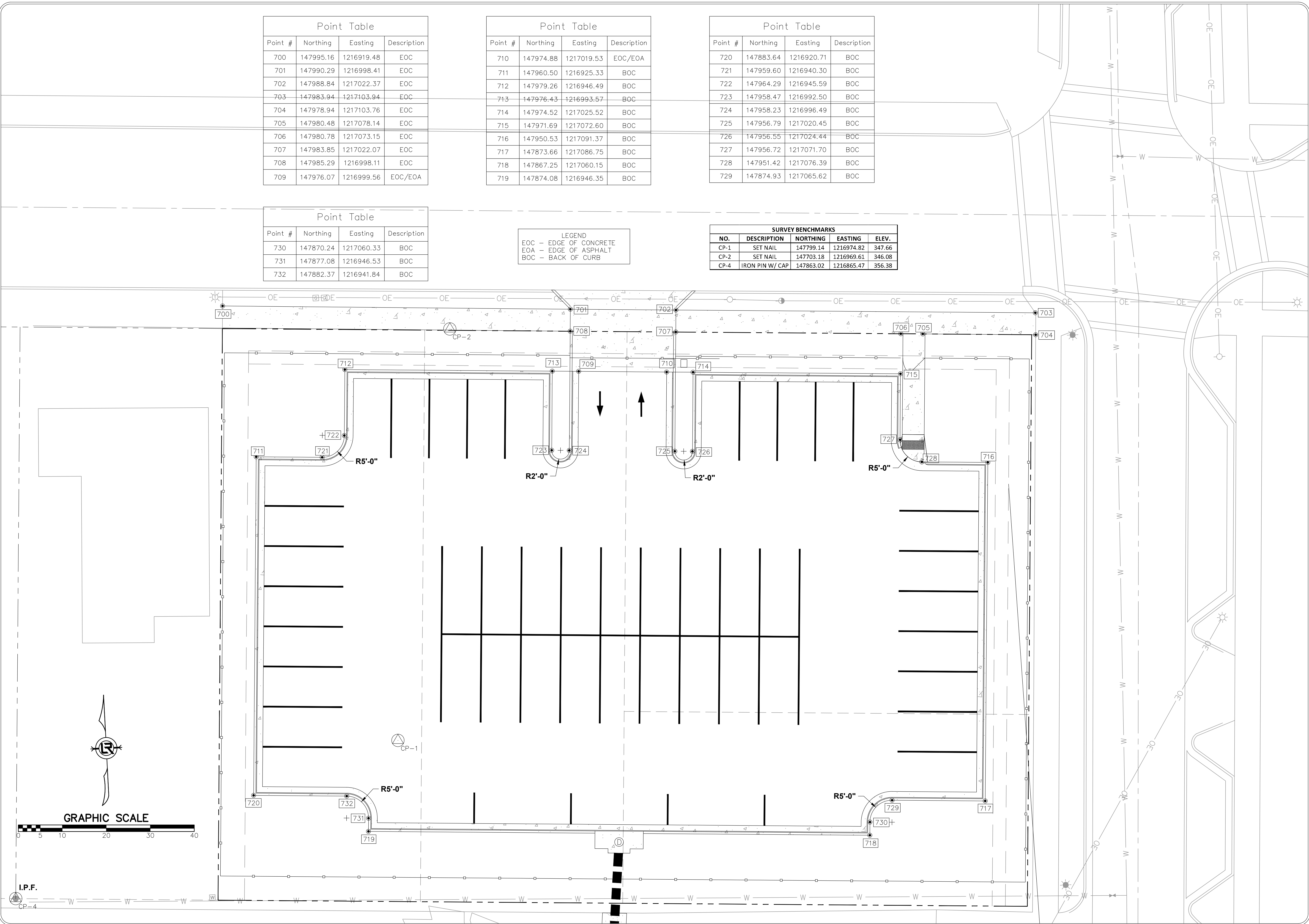
Point Table			
Point #	Northing	Easting	Description
710	147974.88	1217019.53	EOC/EOA
711	147960.50	1216925.33	BOC
712	147979.26	1216946.49	BOC
713	147976.43	1216993.57	BOC
714	147974.52	1217025.52	BOC
715	147971.69	1217072.60	BOC
716	147950.53	1217091.37	BOC
717	147873.66	1217086.75	BOC
718	147867.25	1217060.15	BOC
719	147874.08	1216946.35	BOC

Point Table			
Point #	Northing	Easting	Description
720	147883.64	1216920.71	BOC
721	147959.60	1216940.30	BOC
722	147964.29	1216945.59	BOC
723	147958.47	1216992.50	BOC
724	147958.23	1216996.49	BOC
725	147956.79	1217020.45	BOC
726	147956.55	1217024.44	BOC
727	147956.72	1217071.70	BOC
728	147951.42	1217076.39	BOC
729	147874.93	1217065.62	BOC

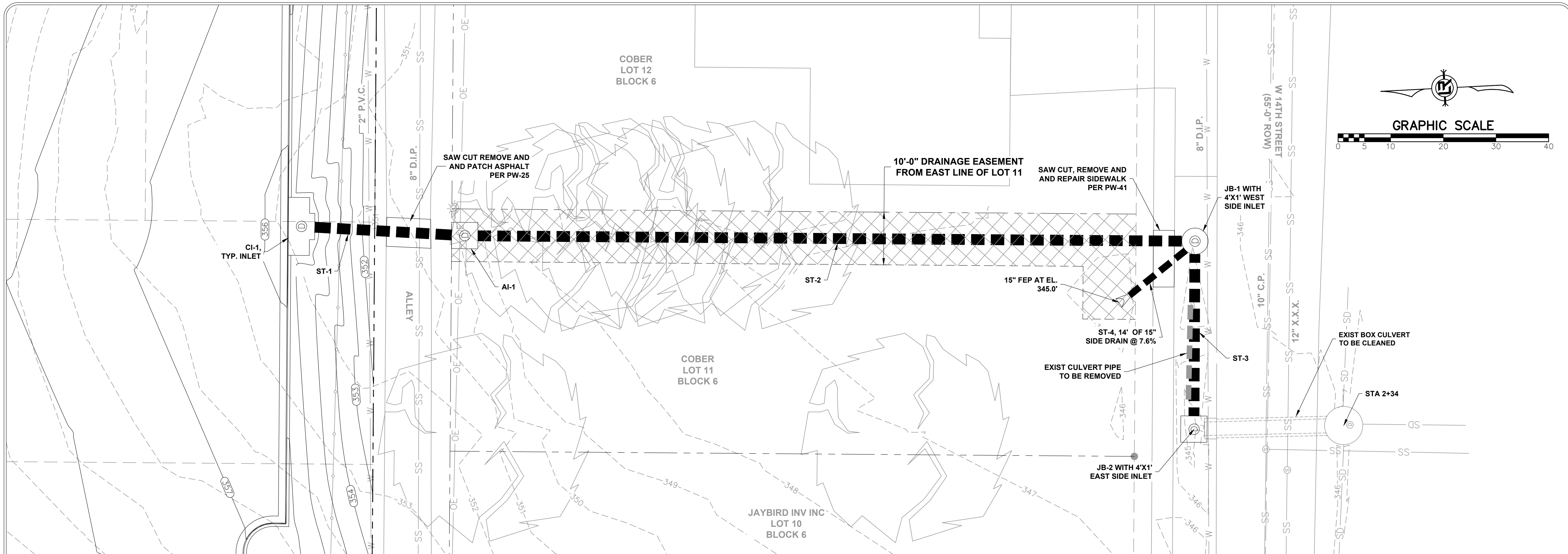
Point Table			
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730	147870.24	1217060.33	BOC
731	147877.08	1216946.53	BOC
732	147882.37	1216941.84	BOC

LEGEND
EOC - EDGE OF CONCRETE
EOA - EDGE OF ASPHALT
BOC - BACK OF CURB

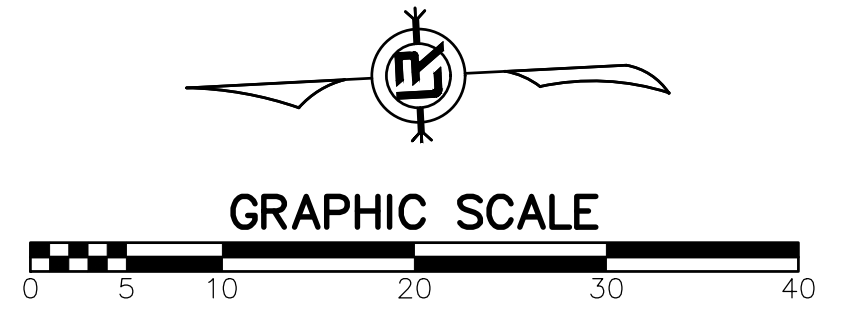
SURVEY BENCHMARKS				
NO.	DESCRIPTION	NORTHING	EASTING	ELEV.
CP-1	SET NAIL	147799.14	1216974.82	347.66
CP-2	SET NAIL	147703.18	1216969.61	346.08
CP-4	IRON PIN W/ CAP	147863.02	1216865.47	356.38



I.P.F.
CP-4



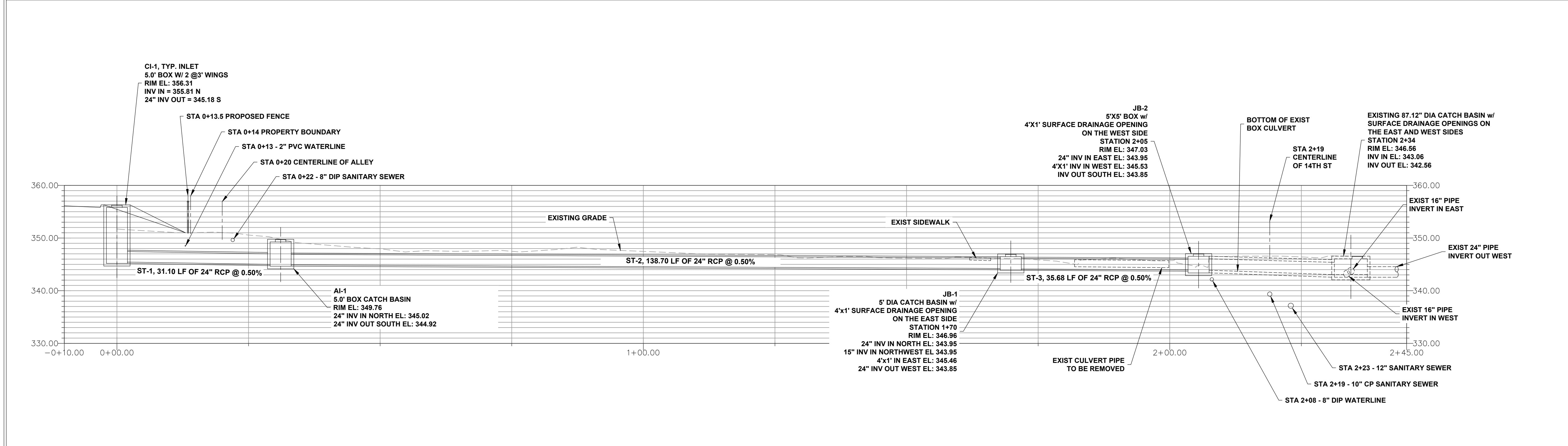
REVISIONS	DATE



CITY OF LITTLE ROCK, ARKANSAS

LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.

STORM DRAIN PLAN AND PROFILE



Profile View of Proposed Drainage System

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

AR KANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 10452
ANDREW H. RIVE

DRAWN BY	AES
DESIGNED	AHR
CHECKED	AHR
DATE	09-06-2022
SCALE	1" = 10'-0"
PROJECT NO.	CTLR-22372
SHEET NO.	C12

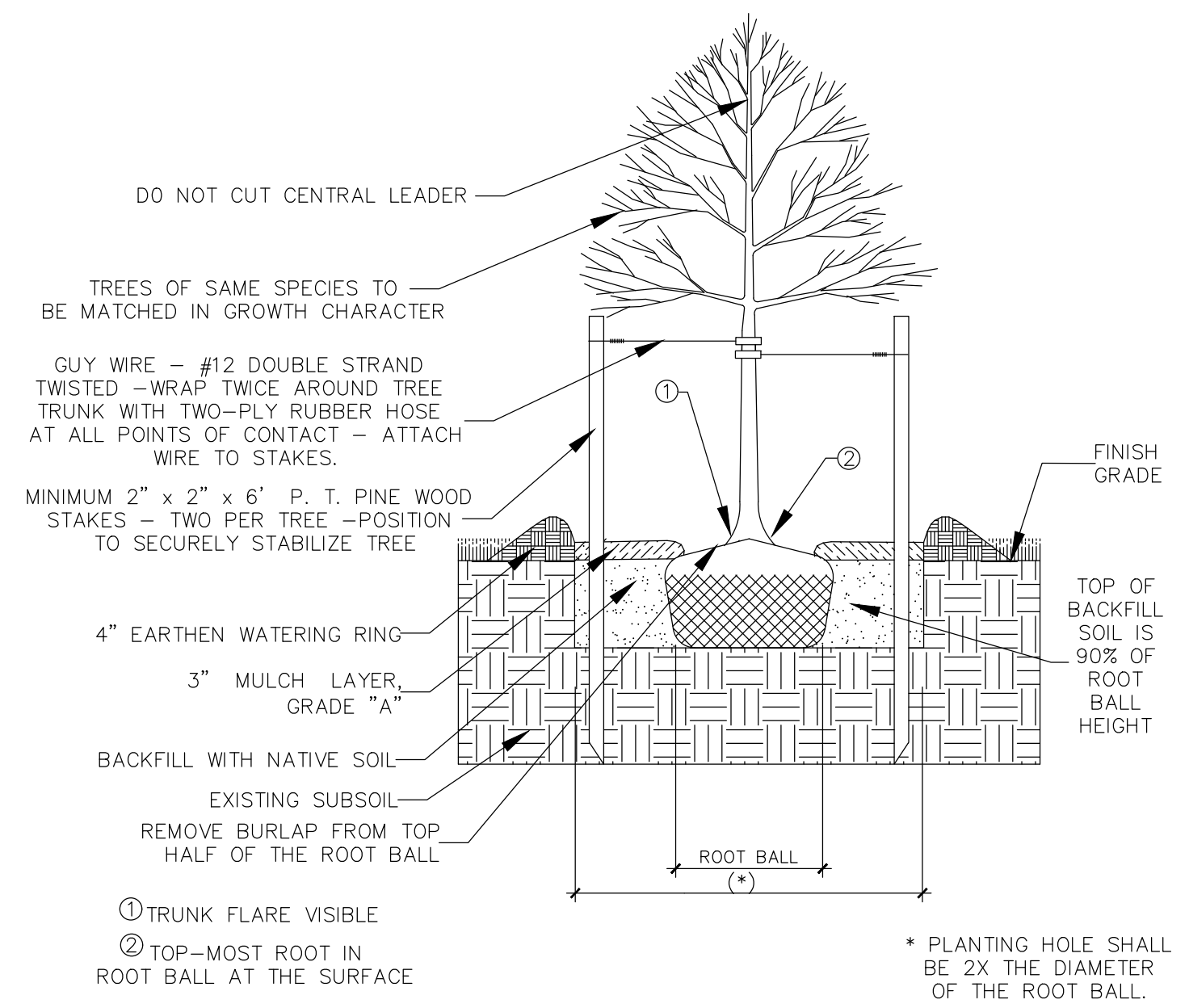
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.
 LANDSCAPING PLAN

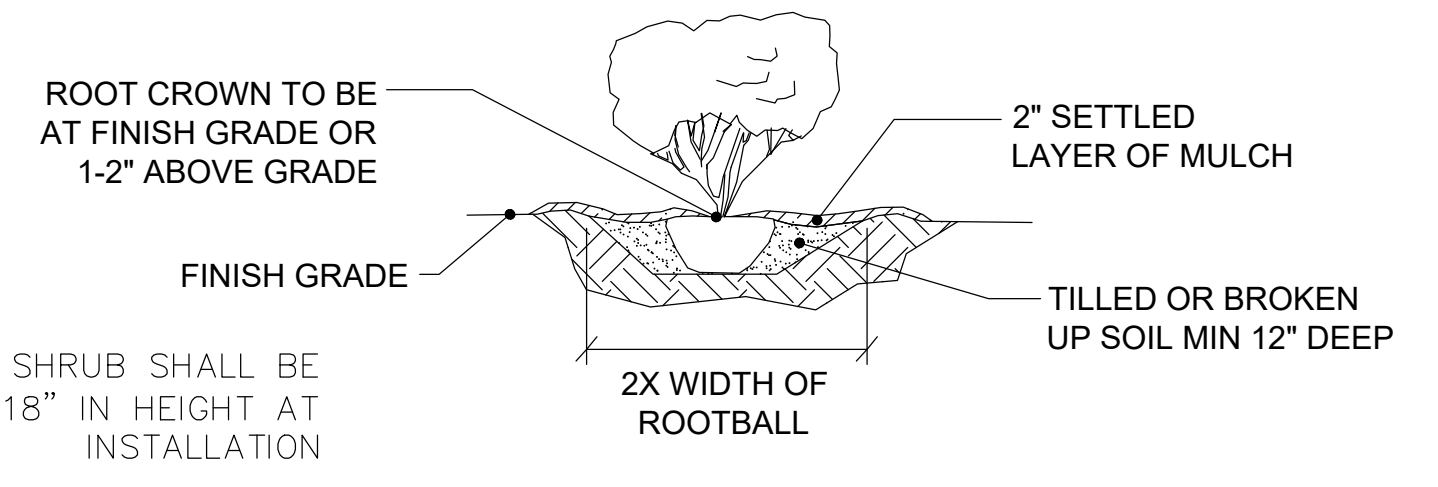
DEPARTMENT OF PUBLIC WORKS
 CIVIL ENGINEERING
 701 W. MARKHAM
 LITTLE ROCK, ARKANSAS 72201

ARKANSAS
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 PROFESSIONAL
 ENGINEER
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 CTLR-22372
 SHEET NO.
 C13



TREE PLANTING DETAIL
 NOT TO SCALE



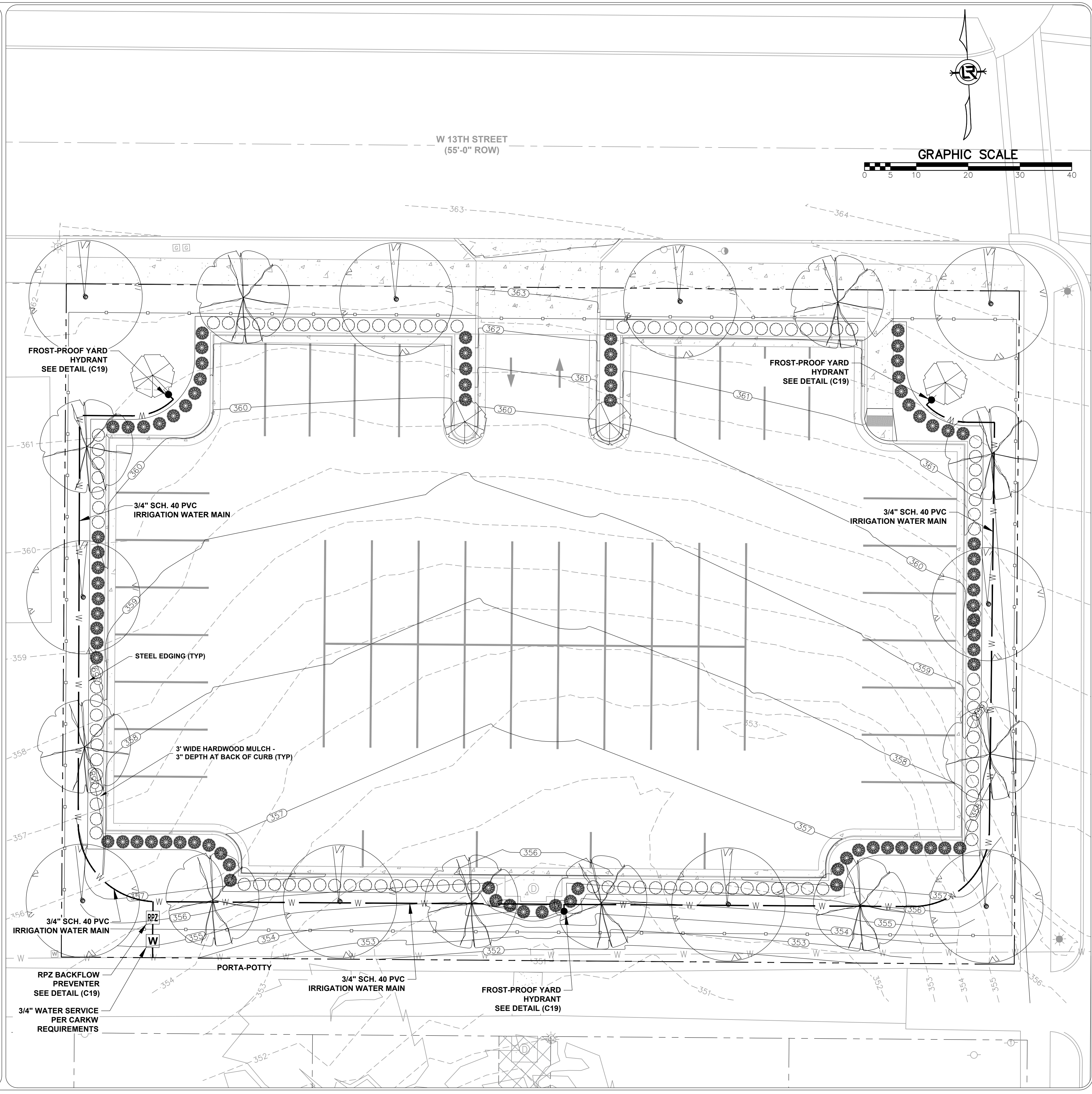
SHRUB PLANTING DETAIL
 NOT TO SCALE

LEGEND:

- | | | |
|--|--|-----------|
| | WILLOW OAK
2" CALIPER MIN | 10 |
| | CHINESE PISTACHE
2" CALIPER MIN | 8 |
| | TREE FORM TEDDY BEAR
MAGNOLIA 2" CALIPER MIN | 17 |
| | COMPACTA HOLLY MIN 18"
IN HEIGHT AT INSTALLATION | 80 |
| | ENCORE AZALEA MIN 18"
IN HEIGHT AT INSTALLATION | 93 |
| | TURF / SOLID SOD | |
| | PROPOSED WATER METER | |

EST QTY:

ALL LANDSCAPE AREAS TO BE IRRIGATED
AUTOMATIC IRRIGATION SYSTEM TO BE INSTALLED
AND PROVIDE 100% FULL COVERAGE



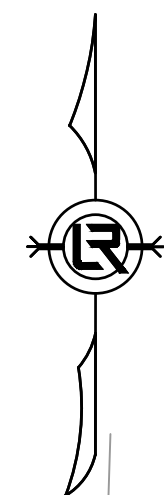


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701 W. MARKHAM
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PROJECT NO.
CTLR-22372
SHEET NO.
C14



GRAPHIC SCALE



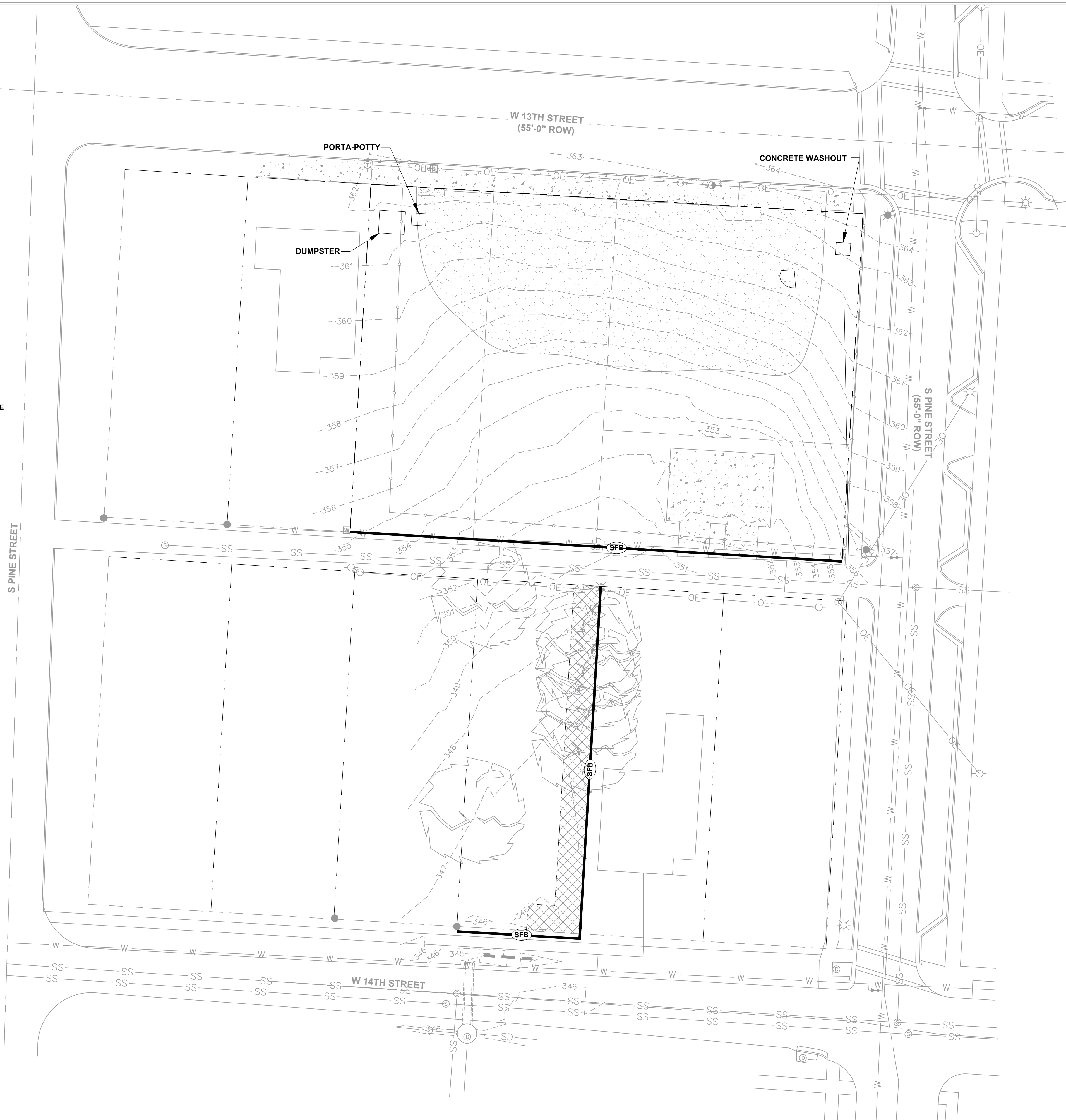
**PHASE 1
CONSTRUCTION EROSION CONTROL
BEST MANAGEMENT PRACTICES**

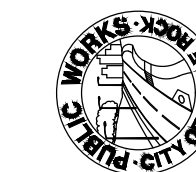
UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: PARKING, LAY DOWN, PORTA-POTTY, CONCRETE WASHOUT, DUMPSTER, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS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

- EXISTING GRAVEL DRIVE AT THE NORTHEAST SIDE OF THE PROPERTY TO BE USED AS CONSTRUCTION ENTRANCE/EXIT PER CITY STANDARD PW-64.
- INSTALL SWPPP INFORMATION SIGN.
- INSTALL SILT FENCE(S) ON THE SITE. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE.
- PREPARE TEMPORARY PARKING AND STORAGE AREA.
- HALT ALL ACTIVITIES AND CONTACT THE CITY OF LITTLE ROCK TO PERFORM INSPECTION AND ACCEPTANCE OF BMP'S.
- SEDIMENT BASIN(S) AND SEDIMENT TRAP(S) ARE NOT REQUIRED FOR THIS SITE.
- INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (STORM DRAIN INLET PROTECTION, DIKES, SWALES, CHECK DAMS, ETC.). CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL HYDRAULIC CONTROL DEVICES.

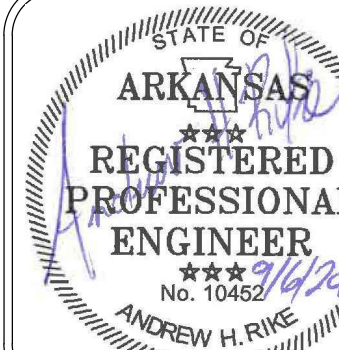
LEGEND

- CONSTRUCTION - ENTRANCE/EXIT
- CHECK DAM
- DIVERSION BERM
- DOWNDRAIN STRUCTURE - TEMPORARY
- ROCK DAM
- SEDIMENT BARRIER - SILT FENCE
- SEDIMENT BARRIER - GRAVEL RING
- SEDIMENT BARRIER - BLOCK & GRAVEL
- SEDIMENT BARRIER - BLOCK
- TEMPORARY SEDIMENT BASIN
- SILT FENCE - TYPE A
- SILT FENCE - TYPE B
- SILT FENCE - TYPE C
- STORM DRAIN INTLET PROTECTION
- SURFACE ROUGHENING
- DISTURBED AREA STABILIZATION -TEMPORARY STABILIZATION
- DISTURBED AREA STABILIZATION -TEMPORARY GRASSING
- DISTURBED AREA STABILIZATION -PERMANENT GRASSING
- MATTING/BLANKETS
- STORM WATER FLOW DIRECTION



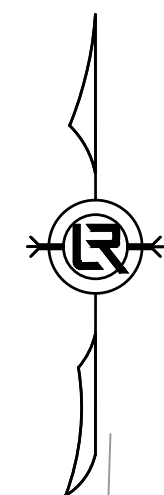


DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



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SCALE
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PROJECT NO.
CTLR-22372
SHEET NO.
C15



GRAPHIC SCALE



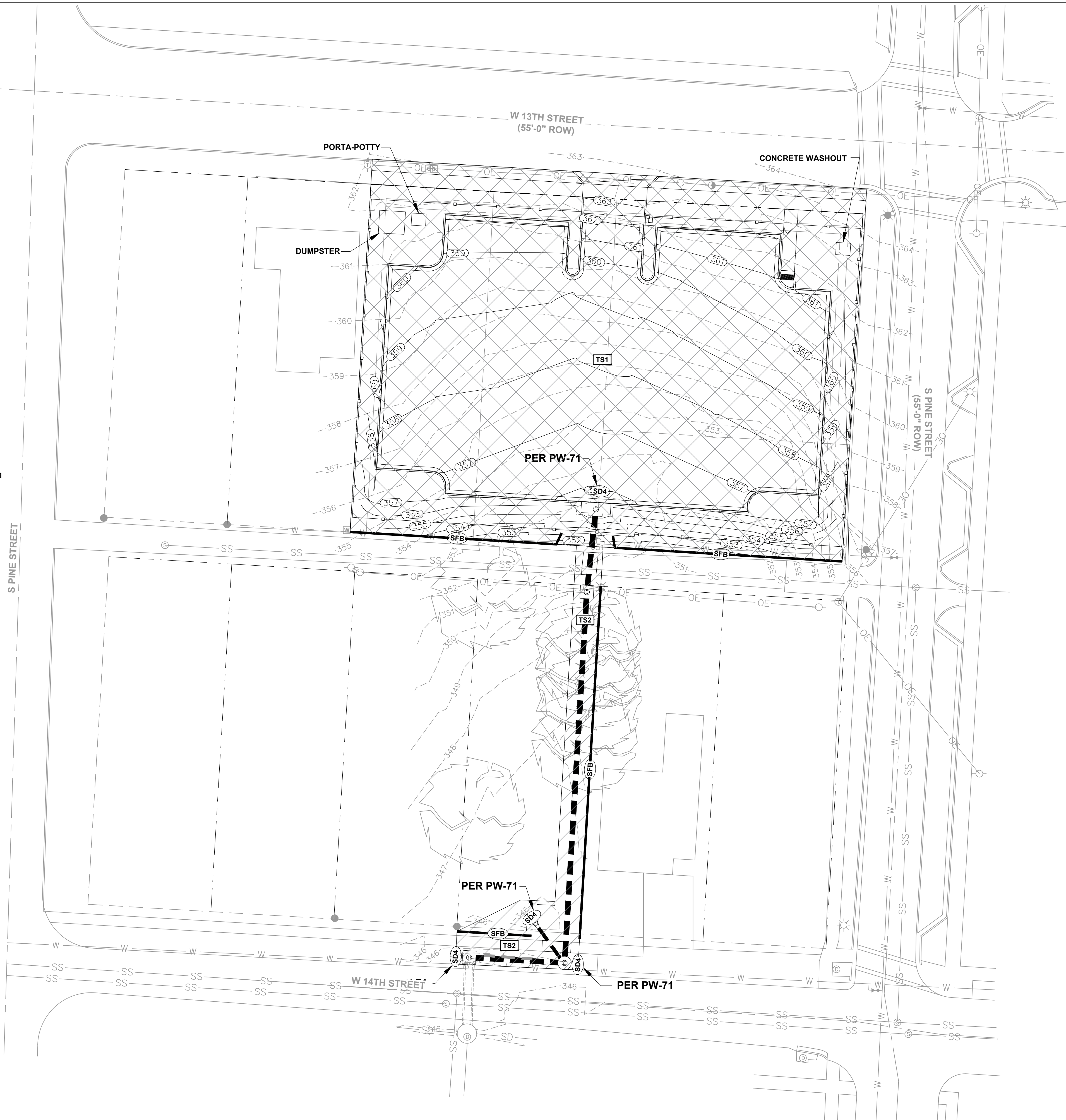
**PHASE 2
CONSTRUCTION EROSION CONTROL
BEST MANAGEMENT PRACTICES**

UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: PARKING, LAY DOWN, PORTA-POTTY, CONCRETE WASHOUT, DUMPSTER, 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.

1. INSTALL CONCRETE WASHOUT.
2. TEMPORARY STABILIZATION SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY CEASED.
3. FINISH GRADING, CONSTRUCT FOUNDATION FOR FENCE, AND PREPARE SUBGRADES FOR SIDEWALKS, PARKING LOT, ETC.
4. INSTALL STORM SEWER PIPING AND STRUCTURES.
5. MAINTAIN SILT FENCES AND INLET PROTECTION THROUGHOUT CONSTRUCTION.
6. INSTALL UNDERGROUND UTILITIES.
7. INSTALL CONCRETE SIDEWALKS, FENCE FOUNDATION, PARKING LOT CURBS, AND BASE MATERIAL. UTILIZE CONCRETE WASHOUT; CONCRETE IS NOT TO BE WASHED ONTO THE GROUND, STREET, OR INTO THE STORM SEWER.
8. INSTALL ASPHALT AND FENCE.
9. INSTALL LANDSCAPING VEGETATION AND MULCH.

LEGEND

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



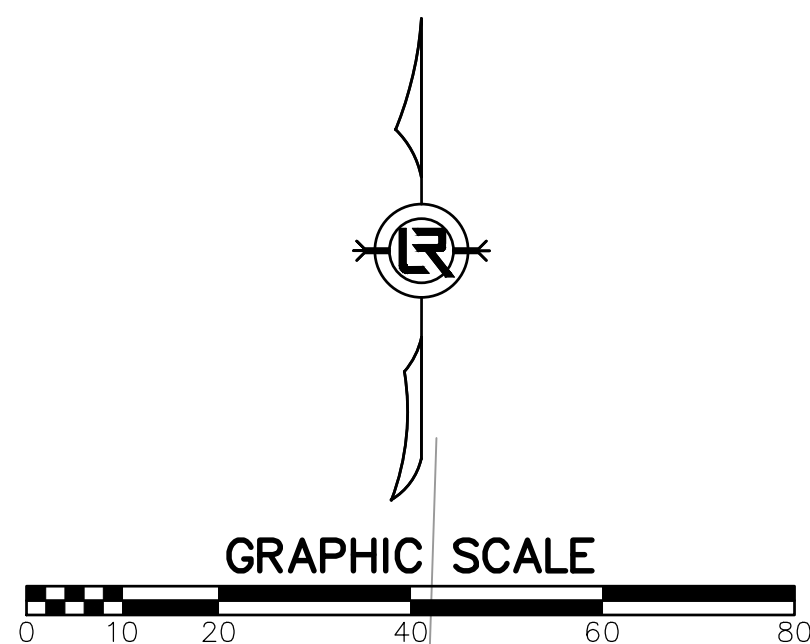


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CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



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AHR
DATE
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SCALE
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PROJECT NO.
CTLR-22372
SHEET NO.
C16



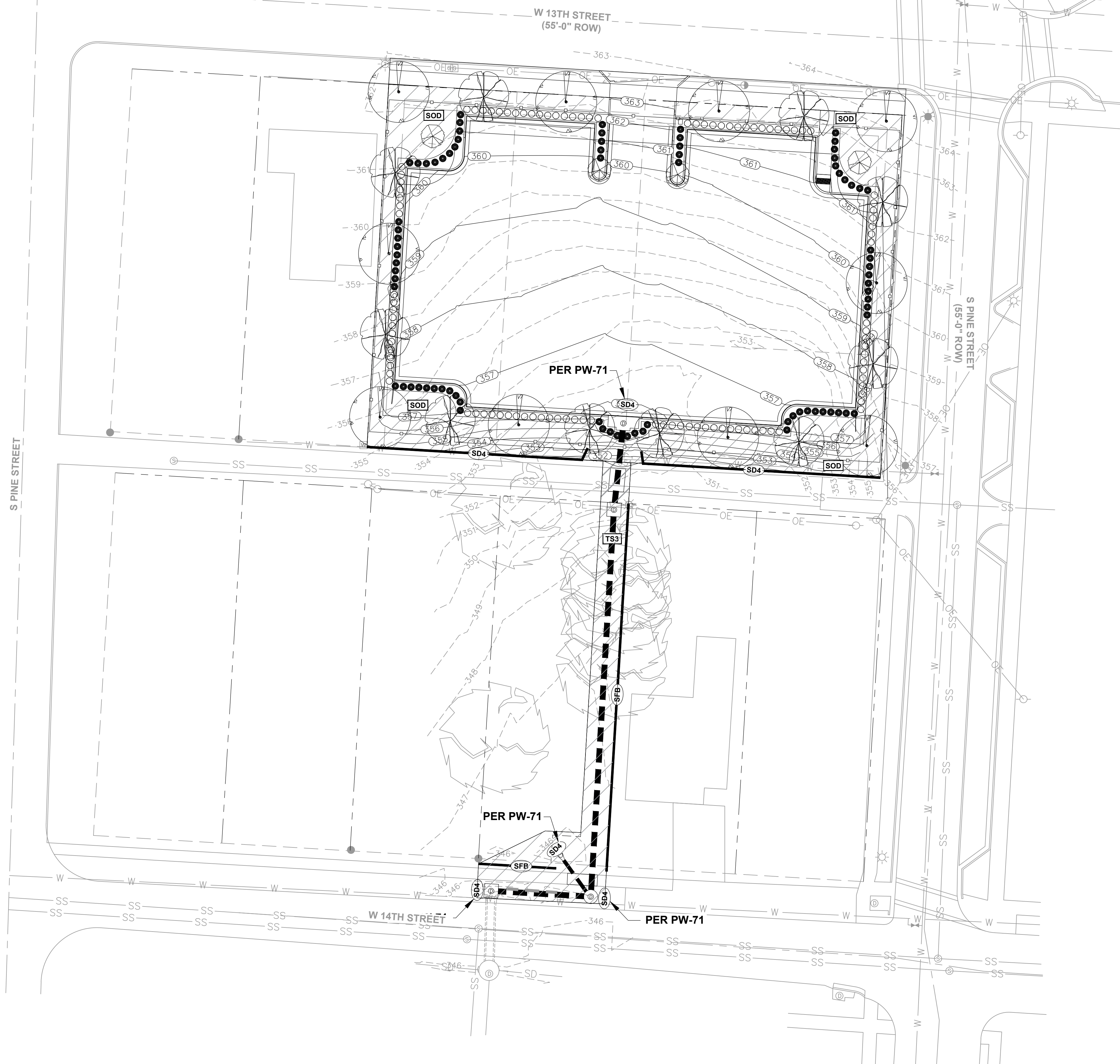
**PHASE 3
CONSTRUCTION EROSION CONTROL
BEST MANAGEMENT PRACTICES**

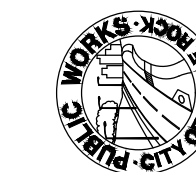
UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: PARKING, LAY DOWN, PORTA-POTTY, CONCRETE WASHOUT, DUMPSTER, ETC., IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. IN ADDITION, NOTE ANY OFF-SITE AREA WHERE FILL IS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

1. STABILIZE ALL DISTURBED AREAS PER THE LANDSCAPING PLANS.
2. CONTINUE TO PERFORM WEEKLY MAINTENANCE INSPECTIONS.
3. REMOVE AND STABILIZE ALL TEMPORARY CONTROL MEASURES UNTIL PERMANENT STABILIZATION ACROSS THE SITE IS ACHIEVED.

LEGEND

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





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



DRAWN BY

AES

DESIGNED

AHR

CHECKED

AHR

DATE

09-06-2022

SCALE

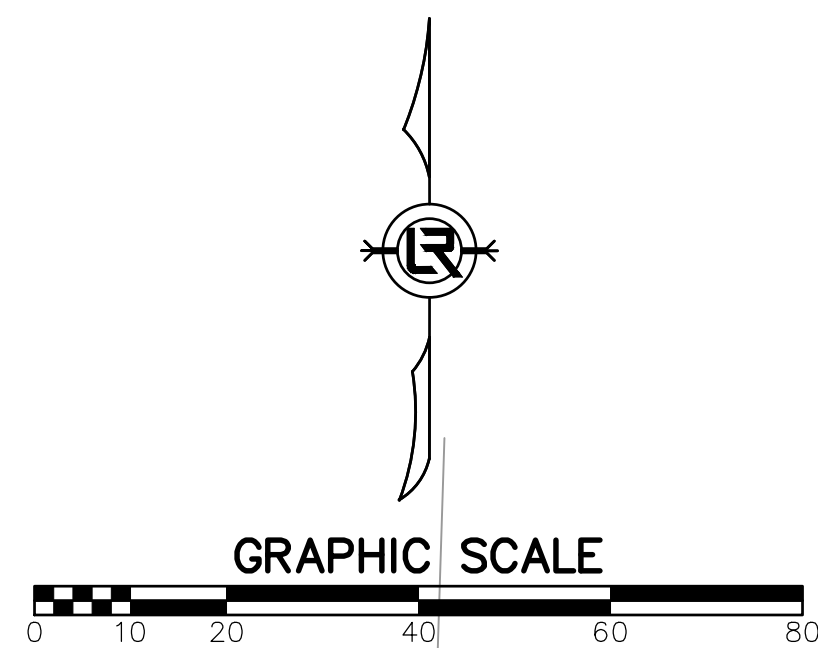
NOTED

PROJECT NO.

CTLR-22372

SHEET NO.

C17

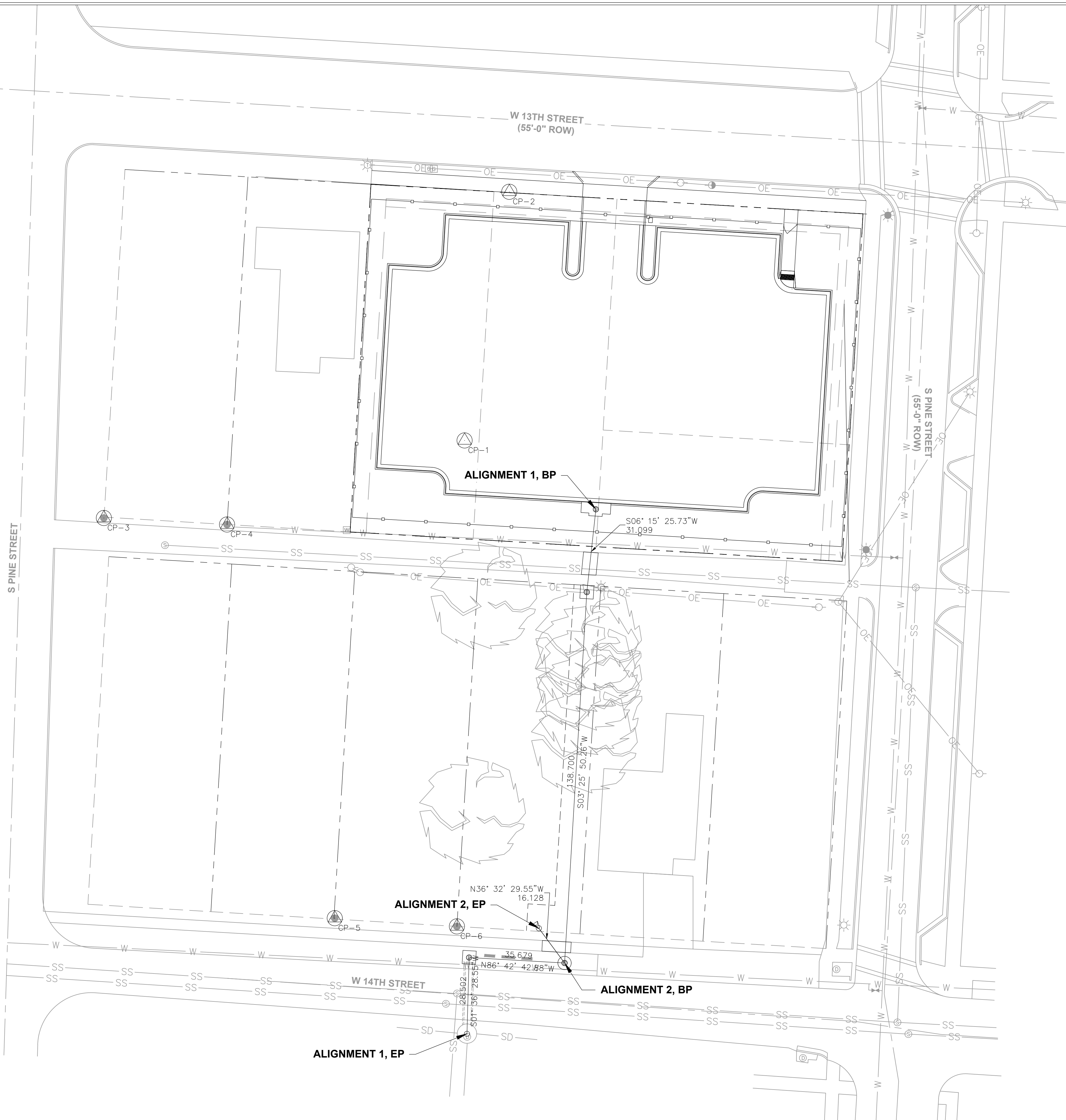


VERTICAL DATUM: NGVD 29
BASIS OF BEARING: ARKANSAS GRID NORTH NAD 83 AS DETERMINE BY GPS
CONTROL POINT

SURVEY BENCHMARKS				
NO.	DESCRIPTION	NORTHING	EASTING	ELEV.
CP-1	SET NAIL	147799.14	1216974.82	347.66
CP-2	SET NAIL	147703.18	1216969.61	346.08
CP-3	SPIKE	147865.45	1216819.48	356.16
CP-4	IRON PIN W/ CAP	147863.02	1216865.47	356.38
CP-5	STEEL PIPE	147716.05	1216905.66	347.84
CP-6	IRON PIN	147712.98	1216951.26	346.17

PI COORDINATES, ALIGNMENT 1		
STATION	NORTHING	EASTING
00+00.00	147868.69	1217003.13
00+31.10	147837.77	1216999.74
01+69.80	147699.32	1216991.44
02+05.48	147701.37	1216955.82
02+33.98	147672.88	1216955.02

PI COORDINATES, ALIGNMENT 2		
STATION	NORTHING	EASTING
00+00.00	147699.32	1216991.44
00+16.13	147712.29	1216981.85



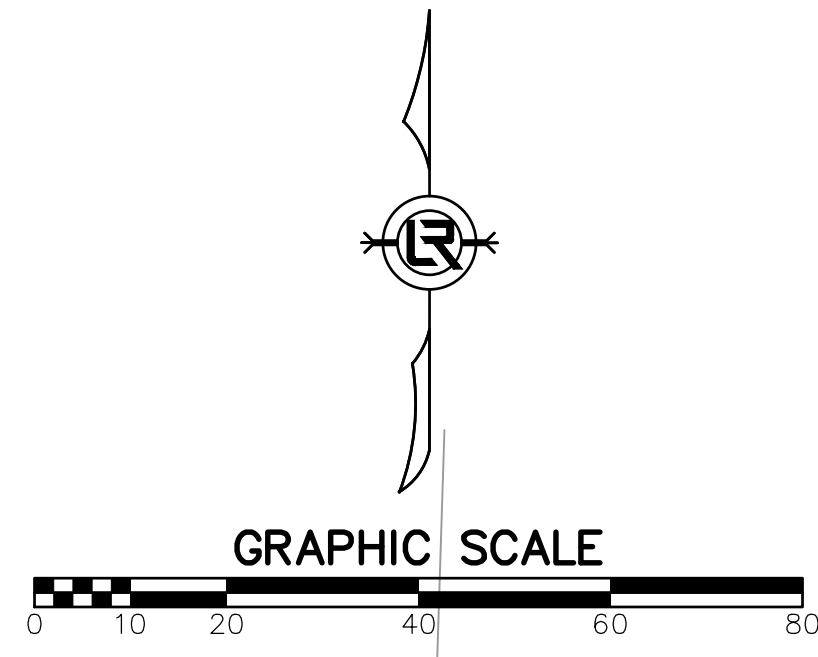
REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
 LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.
 MAINTENANCE OF TRAFFIC

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

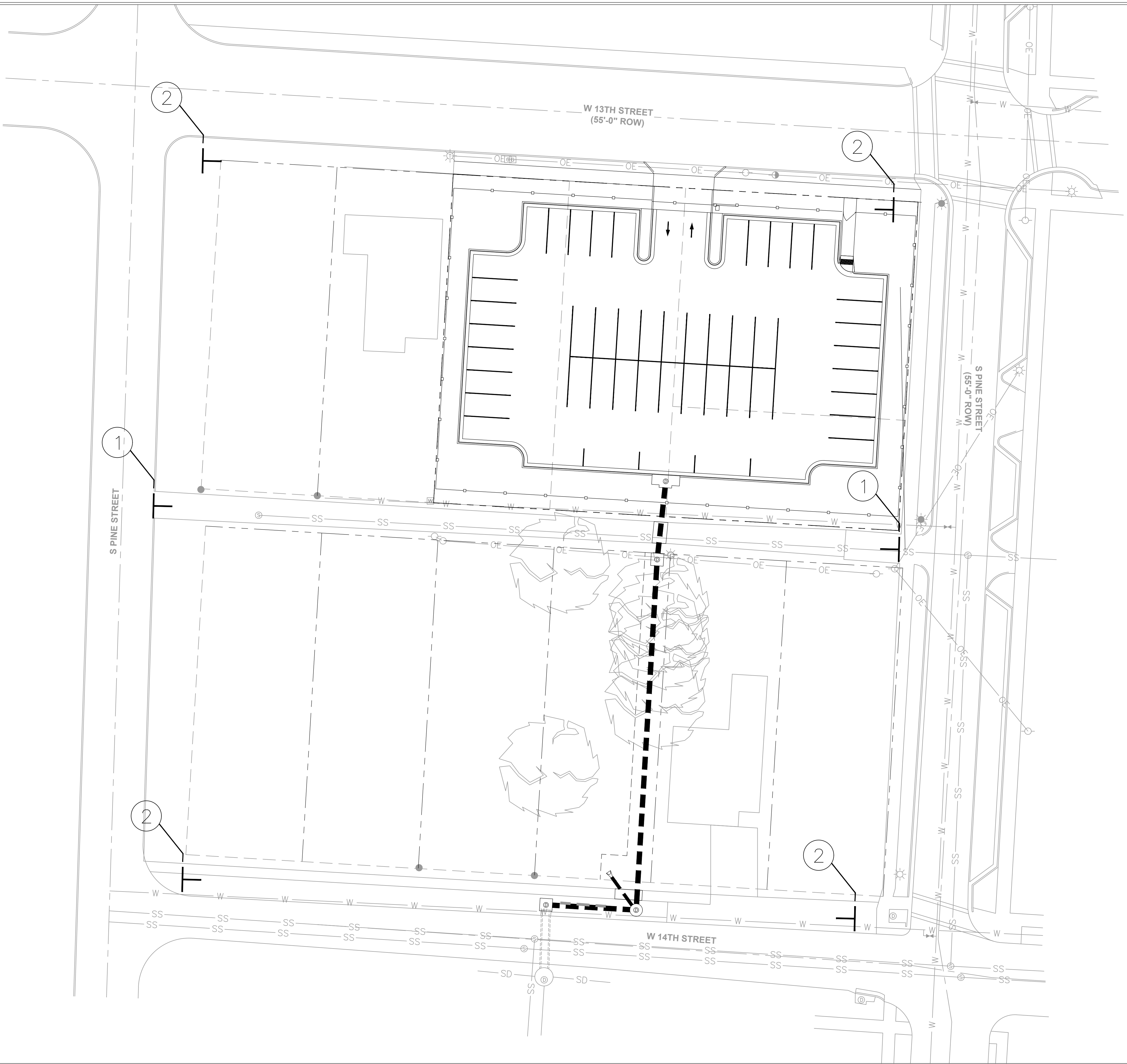
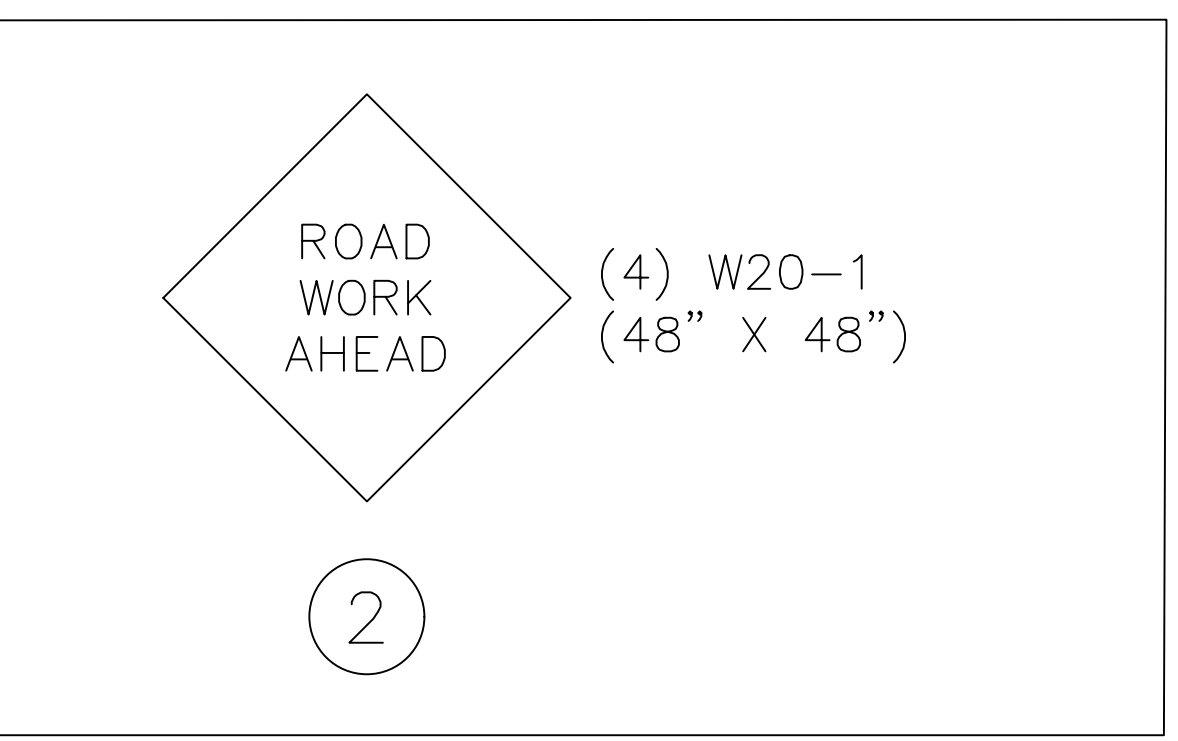
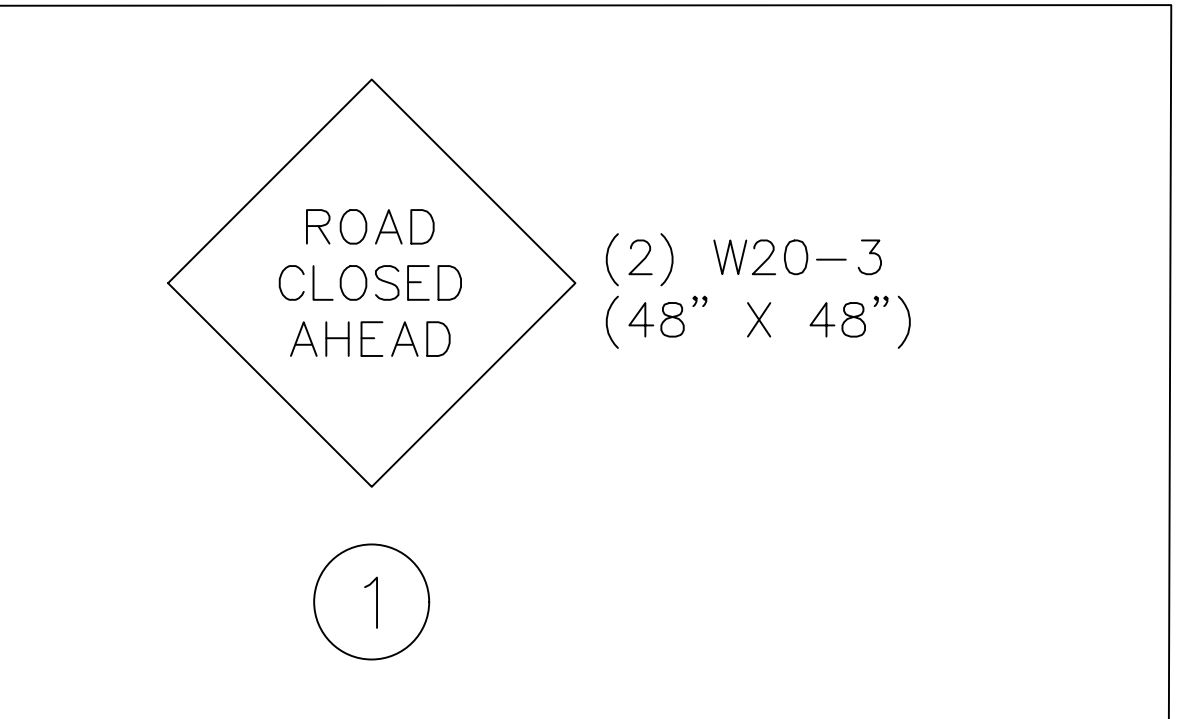
STATE OF ARKANSAS
 REGISTERED PROFESSIONAL ENGINEER
 No. 10452
 ANDREW H. RIVE

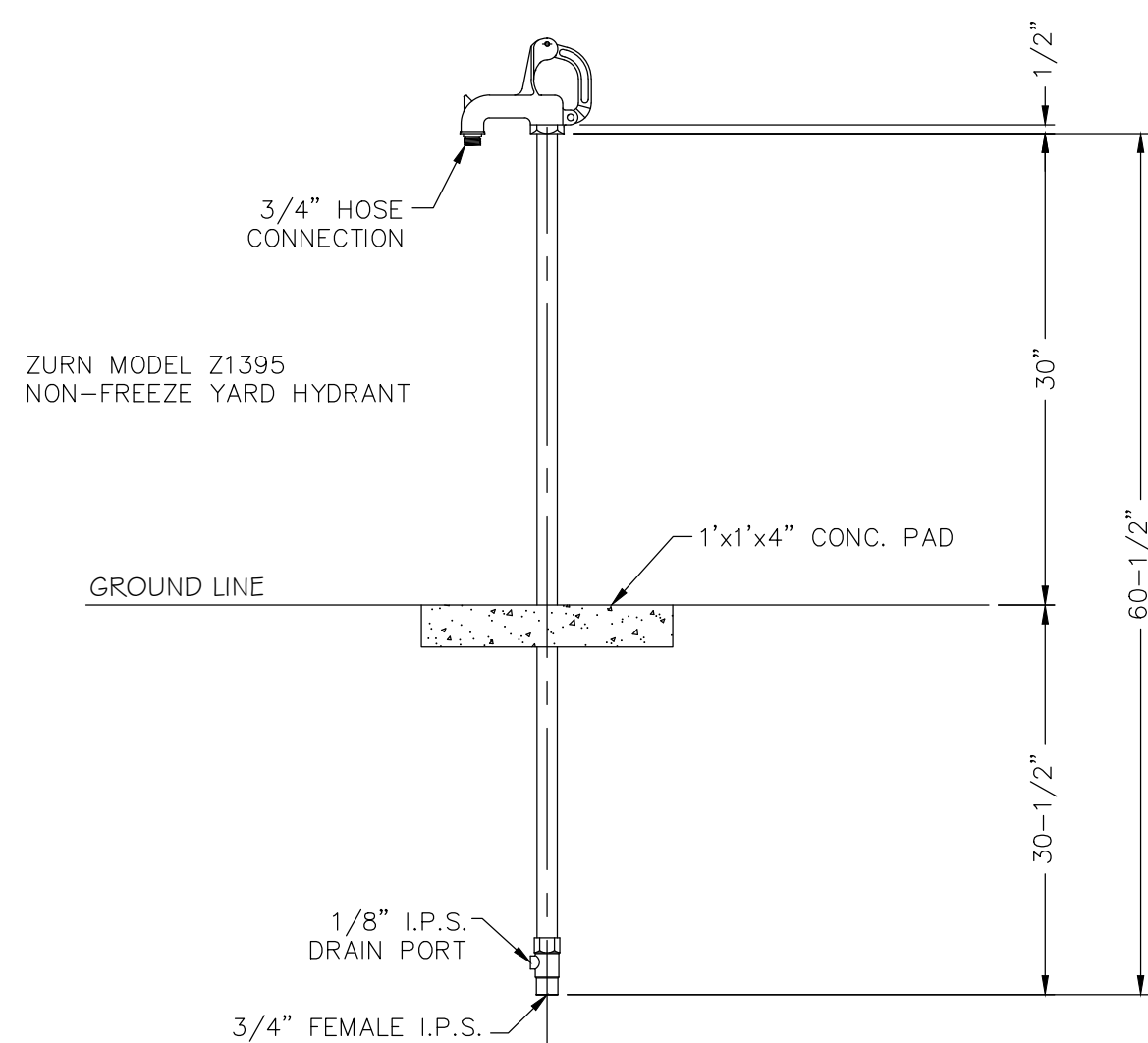
DRAWN BY
 AES
 DESIGNED
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 CHECKED
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 DATE
 09-06-2022
 SCALE
 NOTED
 PROJECT NO.
 CTLR-22372
 SHEET NO.
 C18



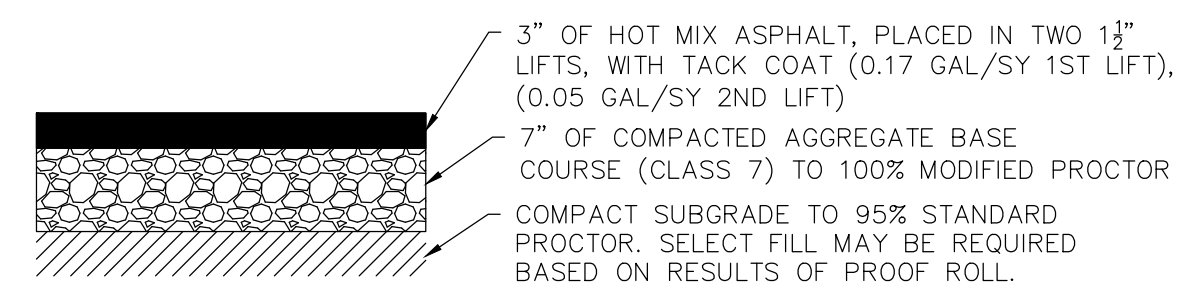
CONSTRUCTION SEQUENCE NOTES

1. INSTALL ADVANCE WARNING SIGNS AND DEVICES AS SHOWN.
2. ROAD TO BE CLOSED PRIOR TO SAWCUTTING ALLEY ASPHALT
3. ROAD TO BE OPEN ONCE STORM PIPE IS INSTALLED AND ALLEY ASPHALT REPAIRED.





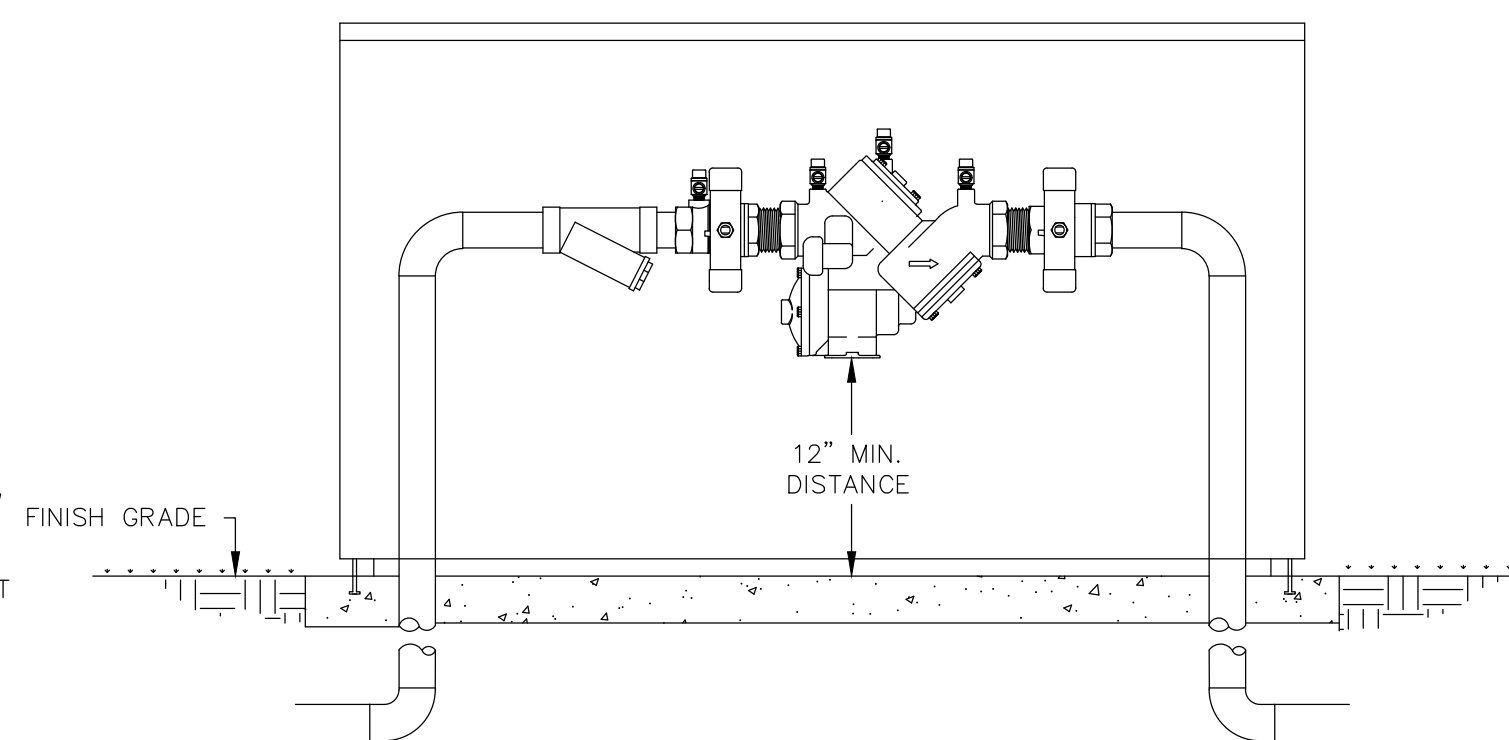
NON-FREEZE HYDRANT DETAIL
N.T.S.



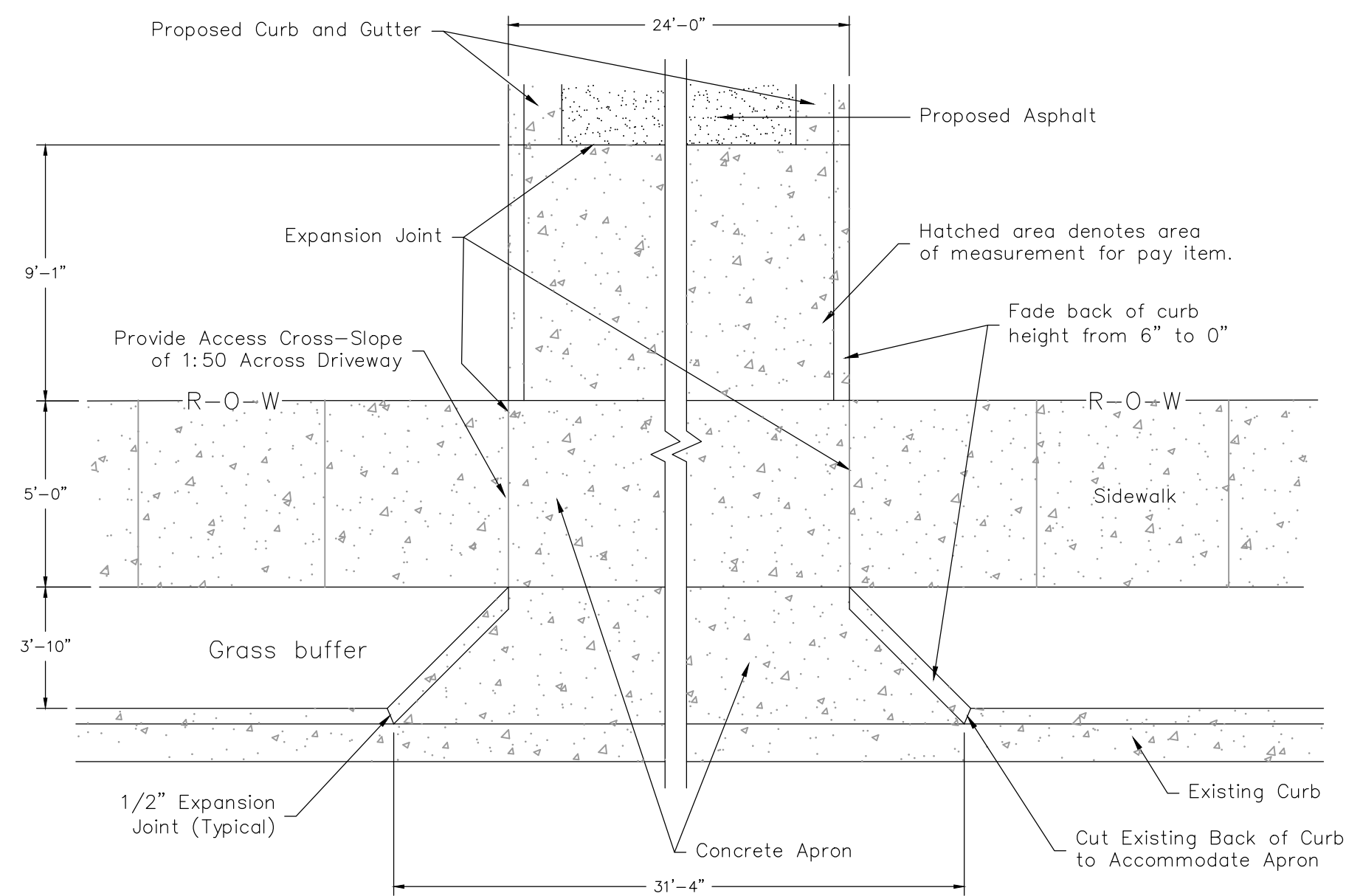
ASPHALT PAVEMENT SECTION
N.T.S.

NOTES:

1. BACKFLOW PREVENTER TO BE INSTALLED AND TESTED ACCORDING TO STATE AND LOCAL PLUMBING CODE.
2. REDUCED PRESSURE ZONE BACKFLOW PREVENTER ASSEMBLY - WATTS 3/4" 909QT-S REDUCED PRESSURE BACKFLOW PREVENTER WITH ASSEMBLY, BRONZE BALL VALVES, TEST COCKS, AND BRASS NIPPLES; INSTALL STRAINER WITH BLOW-DOWN VALVE. INSTALL DRAIN LINE WITH AIR GAP FITTING AT DRIP PORT.
3. INSULATED BACKFLOW ENCLOSURE - STRONG BOX MODEL NO. SBBC-30AL ALL WEATHER, R-6 INSULATED, MARINE GRADE ALUMINUM ALLOY, LOW PROFILE ENCLOSURE WITH STAINLESS STEEL HARDWARE, FULL RELEASE FLUSH-MOUNTED LOCKING MECHANISM, AND FLEXIBLE RUBBER SKIRT ALLOWING DRAINAGE.
4. INSTALL CONCRETE SLAB ACCORDING TO ENCLOSURE MANUFACTURER'S INSTRUCTIONS.



RPZ BACKFLOW PREVENTER ASSEMBLY
N.T.S.



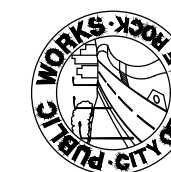
Thickness and reinforcements are required for conditions & expected wheel loading - 8" minimum thickness.

DRIVEWAY GRADES SHALL BE DESIGNED BY ENGINEER TO KEEP STORMWATER IN STREET, 2% MINIMUM SLOPE AT SIDEWALK CROSSING, MAXIMUM % OF GRADE CHANGE IS 16.

CONCRETE APRON DETAIL
N.T.S.

CITY OF LITTLE ROCK, ARKANSAS
LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.

GENERAL DETAILS



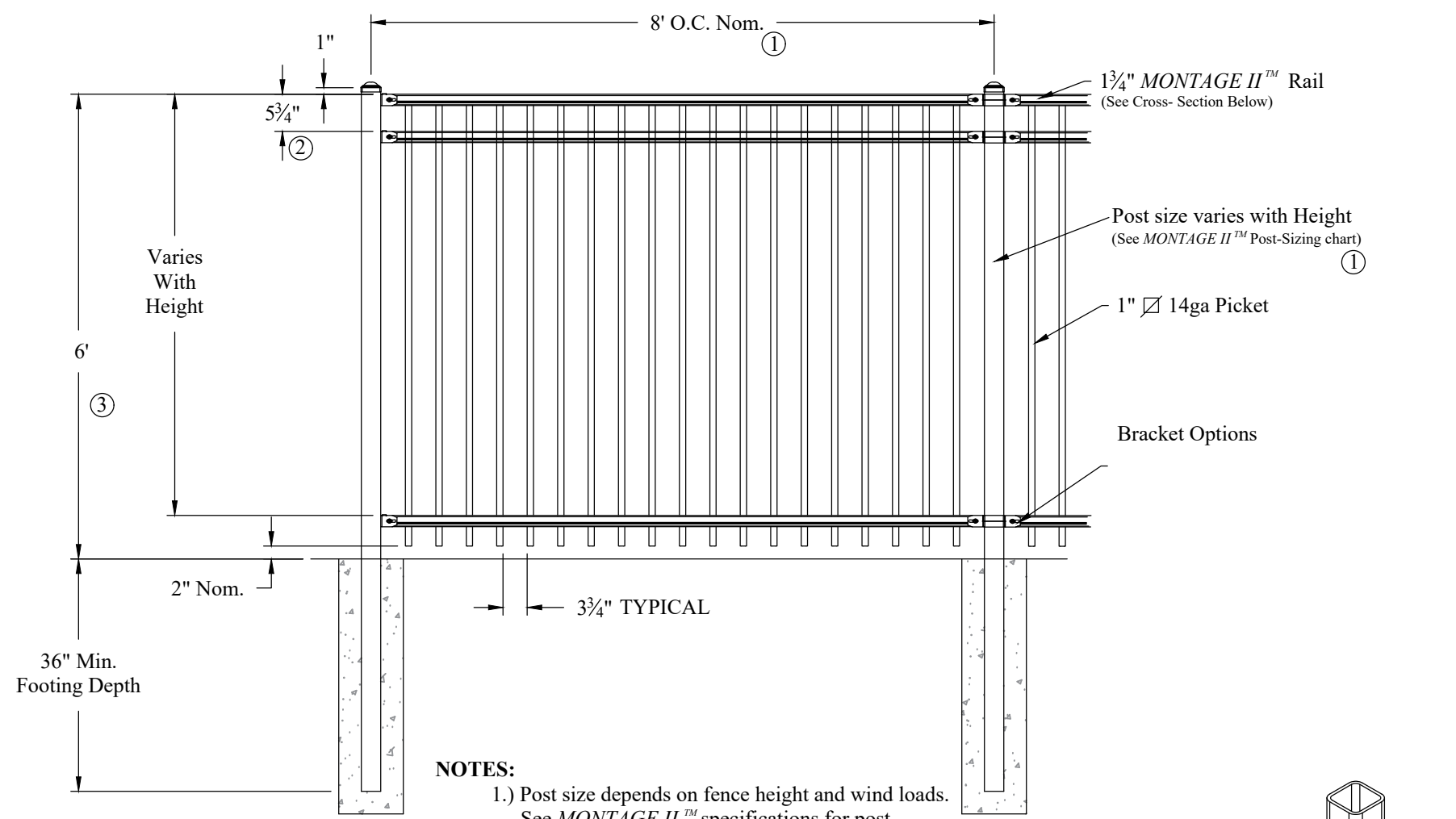
DEPARTMENT OF PUBLIC WORKS
CIVIL ENGINEERING
701 W. MARKHAM
LITTLE ROCK, ARKANSAS 72201



DRAWN BY
AES
DESIGNED
AHR
CHECKED
AHR
DATE
09-06-2022
SCALE
NONE

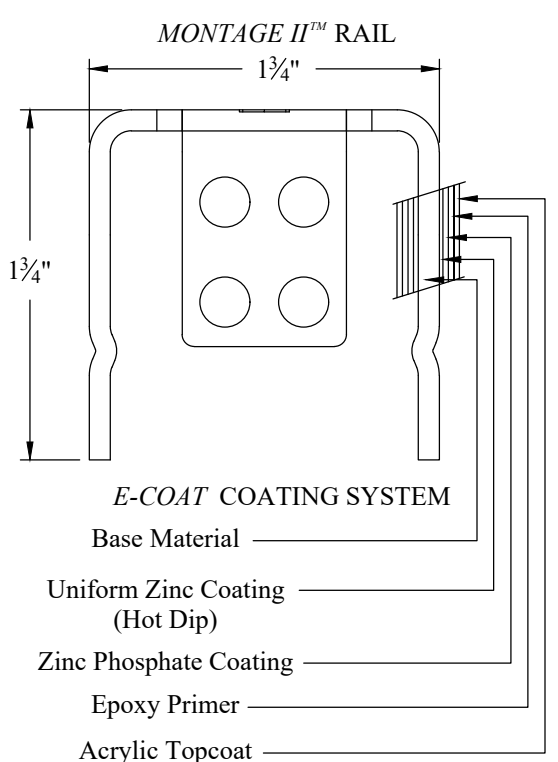
PROJECT NO.
CTLR-22372
SHEET NO.

C19

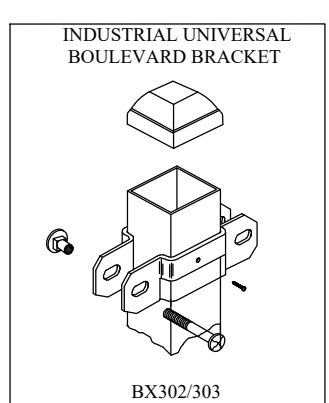


- NOTES:
- 1.) Post size depends on fence height and wind loads. See MONTAGE II™ specifications for post sizing chart and dimensions.
 - 2.) Third & Forth rail optional.
 - 3.) Available in Flush Bottom.

RAKING DIRECTIONAL ARROW
Welded panel can be raked 30° over 8' with arrow pointing down grade.

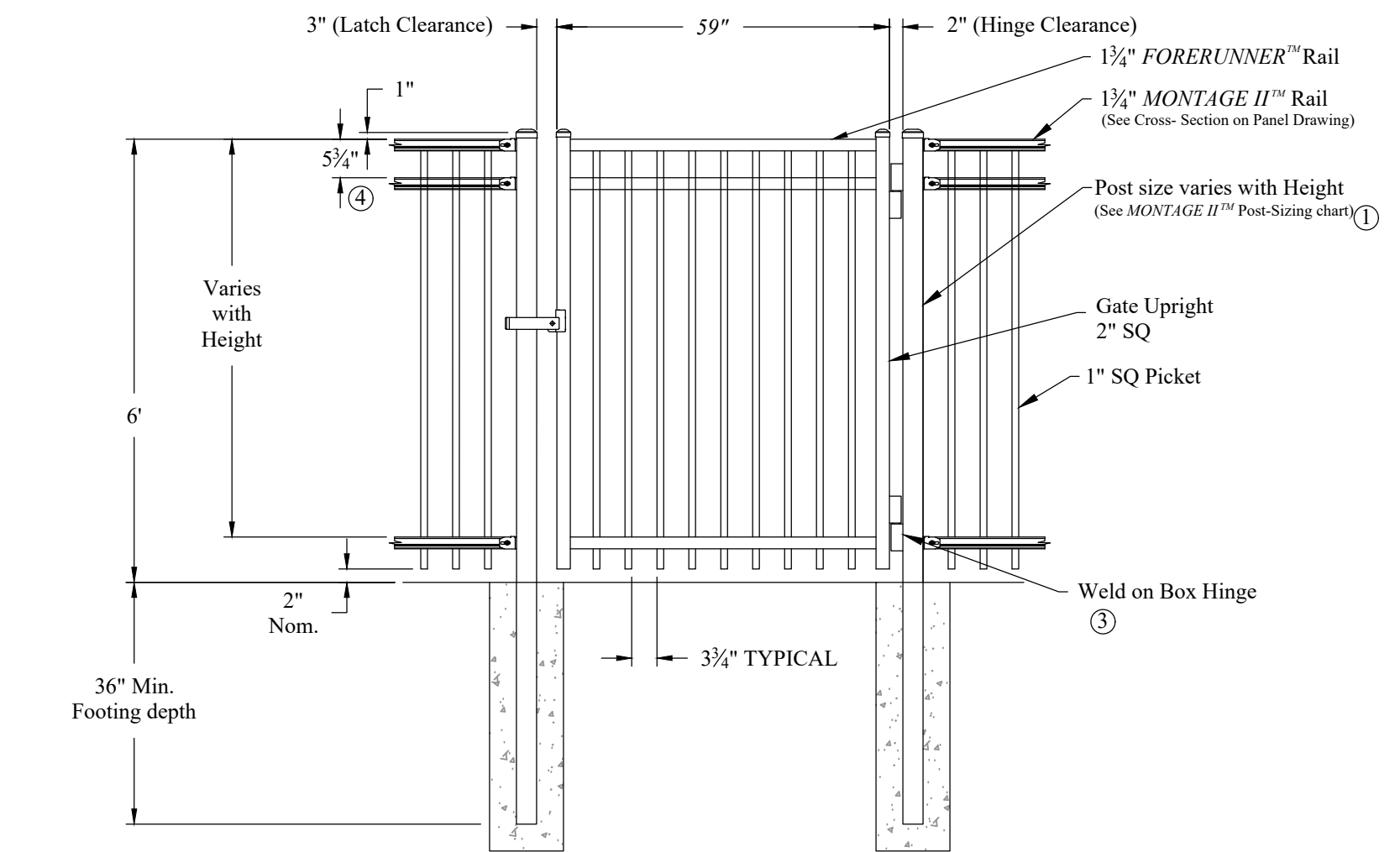
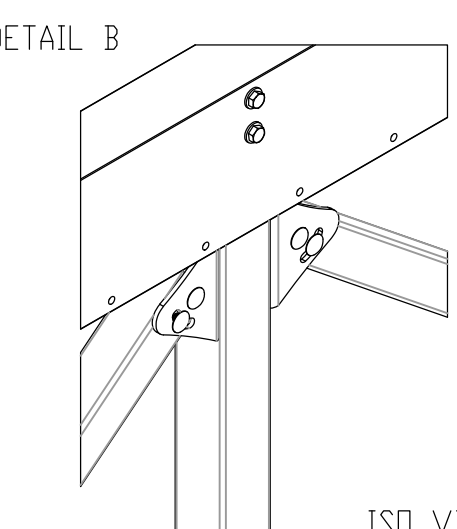
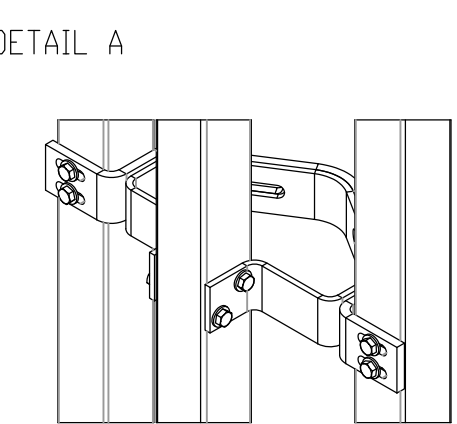
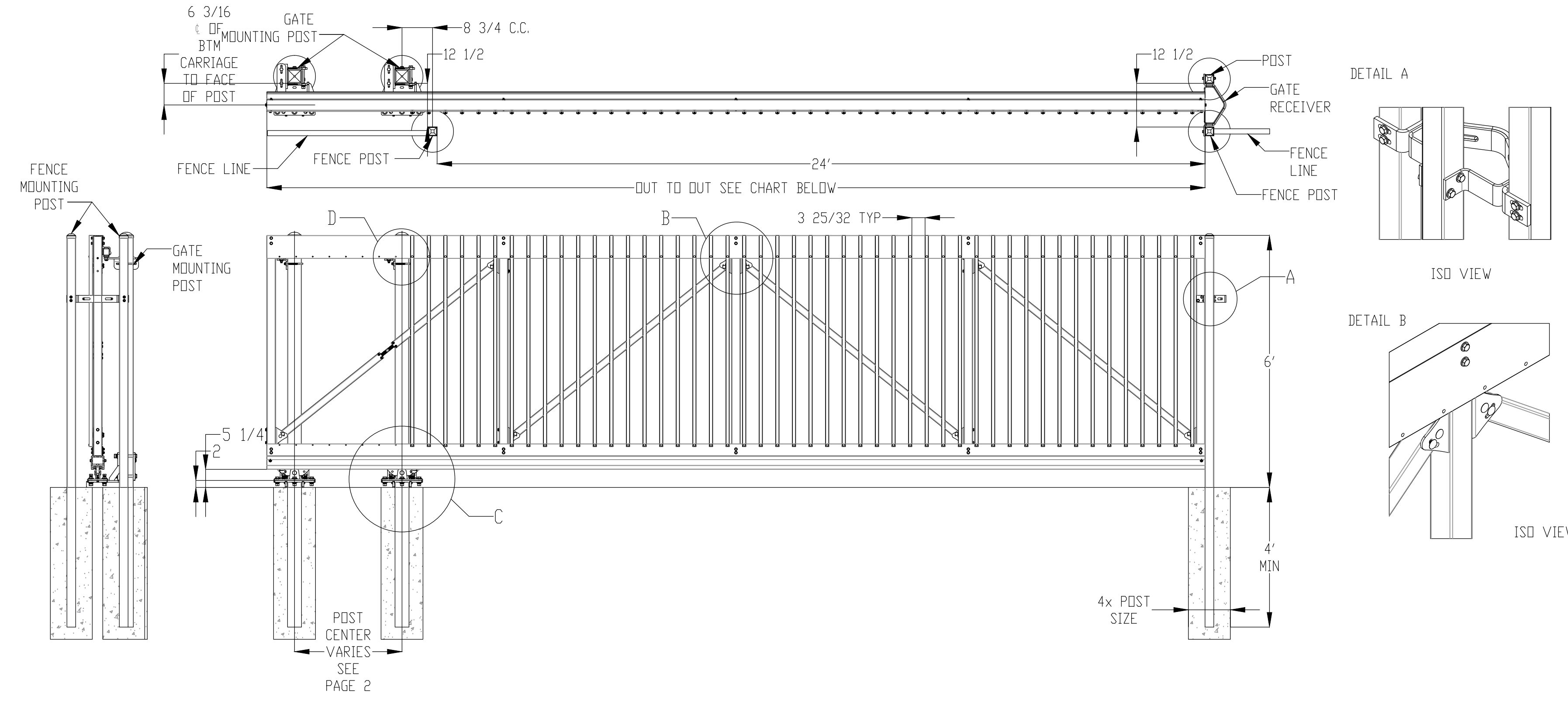


PROFUSION™ WELDING PROCESS
No exposed welds. Good Neighbor profile - Same appearance on both sides



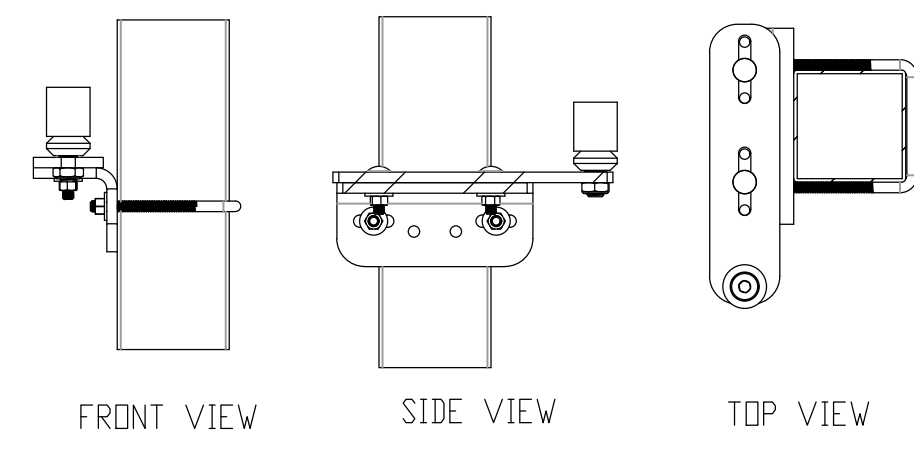
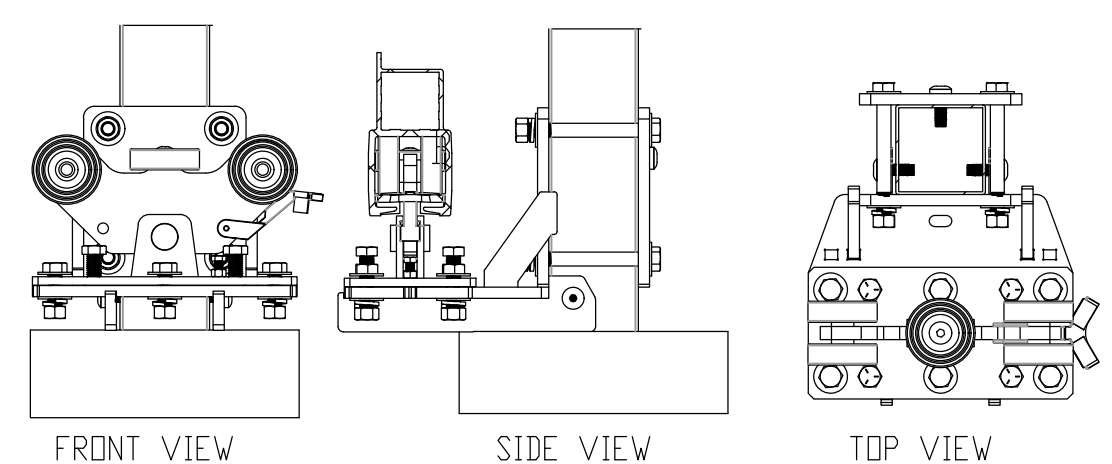
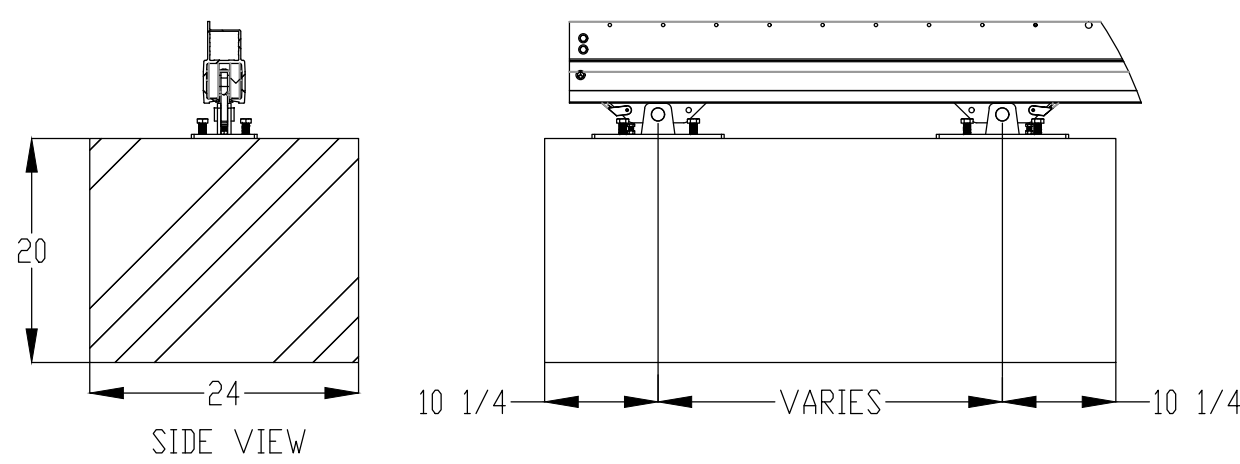
CONTROL NOTES:

1. CONTROLLER TO BE HIGH-TRAFFIC, COMMERCIAL, BRUSHLESS, 24 V DC, SLIDE GATE OPERATOR: *MAX 1500* AS MANUFACTURED BY MAXIMUM CONTROLS, LLC OR EQUAL.
2. SLIDE GATE TO ALLOW ENTRY INTO LOT VIA AN AUTOMATIC VEHICLE IDENTIFICATION (AVI) LONG RANGE READER AND CARD SYSTEM. CARD SYSTEM TO BE COMPATIBLE WITH EXISTING SDNITROL CARD ACCESS SYSTEM AND TIED WIRELESSLY TO EXISTING LRPD 12 STREET DISTRICT COMPUTER NETWORK TO ALLOW FOR REMOTE SYSTEM CONTROL AND TRACKING.
3. SLIDE GATE TO ALLOW EXIST FROM LOT VIA VEHICLE LOOP DETECTOR SYSTEM.
4. MAN GATE TO ALLOW ENTRY INTO LOT AND EXIT FROM LOT USING ACCESS CARD READERS. CARD SYSTEM TO BE COMPATIBLE WITH EXISTING SDNITROL CARD ACCESS SYSTEM AND TIED WIRELESSLY TO EXISTING LRPD 12 STREET DISTRICT COMPUTER NETWORK TO ALLOW FOR REMOTE SYSTEM CONTROL AND TRACKING.
5. CONTRACTOR IS RESPONSIBLE FOR ALL COMPONENTS, CABLING, SUPPORT MEMBERS, AND ANCILLARIES TO PROVIDE FOR A COMPLETE SLIDE AND MAN GATE SYSTEM AS DESCRIBED HEREIN, INCLUDING ANY HARDWARE, CONTROLS, AND EQUIPMENT THAT MAY BE REQUIRED WITHIN THE LRPD 12 STREET PRECINCT BUILDING.



- NOTES: **Single Gate Arrangement**
- 1.) Post size depends on fence height, weight and wind loads. See MONTAGE II™ specifications for post sizing chart.
 - 2.) See Ameristar gate table for standard out to outs. Custom gate openings available for special out to/out/leaf widths.
 - 3.) Additional styles of gate hardware are available on request. This could change the Latch & Hinge Clearance.
 - 4.) Third & Forth rail optional.

SLAB MOUNT OPTION (SLAB SIZE VARIES)
FOR THE SLAB MOUNTED TRUCK ASSEMBLIES,
USE ½" DIAMETER HILTI HIT-HY 200 + HAS W/ 6" MIN. EMBED OR EQUIVALENT,
IN 3000 PSI CONCRETE REINFORCED PER ACI 301



	Out to Out											
	6'-8"	8'-10"	10'-12"	12'-14"	14'-16"	16'-18"	18'-20"	20'-22"	22'-24"	24'-26"	26'-28"	28'-30"
4H	130.75	154.5	192.5	216.25	230.5	268.5	306.5	344.5	382.5	420.5	458.5	496.5
5H	130.75	154.5	192.5	216.25	259	287.5	306.5	344.5	382.5	420.5	458.5	496.5
6H	126	154.5	187.75	216.25	249.5	268.5	316	344.5	358.75	401.5	420.5	458.5
7H	126	154.5	187.75	216.25	249.5	268.5	316	344.5	358.75	401.5	430	458.5
8H	126	154.5	187.75	216.25	249.5	268.5	306.5	335	358.75	406.25	430	458.5
9H	126	154.5	187.75	216.25	244.75	287.5	306.5	358.75	358.75	406.25	430	487
10H	126	154.5	187.75	216.25	244.75	287.5	325.5	358.75	382.5	406.25	458.5	487

	Post Centers											
	6'-8"	8'-10"	10'-12"	12'-14"	14'-16"	16'-18"	18'-20"	20'-22"	22'-24"	24'-26"	26'-28"	28'-30"
4H	13	12.75	26.75	26.5	16.75	30.75	44.75	58.75	72.75	86.75	100.75	114.75
5H	13	12.75	26.75	26.5	45.25	49.75	44.75	58.75	72.75	86.75	100.75	114.75
6H	12.25	12.75	22	26.5	35.75	30.75	54.25	58.75	49	67.75	62.75	76.75
7H	12.25	12.75	22	26.5	35.75	30.75	54.25	58.75	49	67.75	72.25	76.75
8H	12.25	12.75	22	26.5	35.75	30.75	44.75	49.25	49	72.5	72.25	105.25
9H	12.25	12.75	22	26.5	31	49.75	44.75	73	49	72.5	72.25	105.25
10H	12.25	12.75	22	26.5	31	49.75	63.75	73	72.75	72.5	100.75	105.25

6' FENCE & GATE DETAIL
N.T.S.

REVISIONS	DATE

CITY OF LITTLE ROCK, ARKANSAS
LRPD 12th ST. PARKING LOT AT 13th ST. & PINE ST.
GENERAL DETAILS

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

REGISTERED PROFESSIONAL ENGINEER
No. 10452
ANDREW H. RIVE

DRAWN BY
AES
DESIGNED
AHR
CHECKED
AHR
DATE
09-06-2022
SCALE
NONE
PROJECT NO.
CTLR-22372
SHEET NO.
C20