

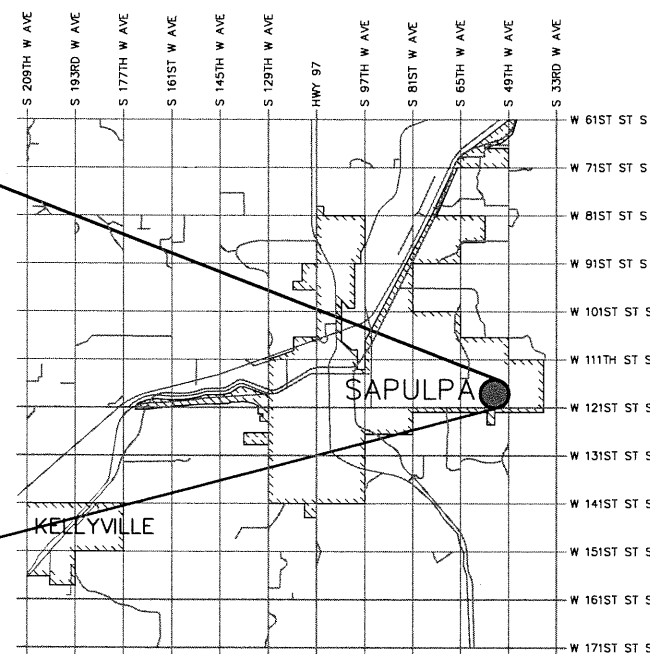
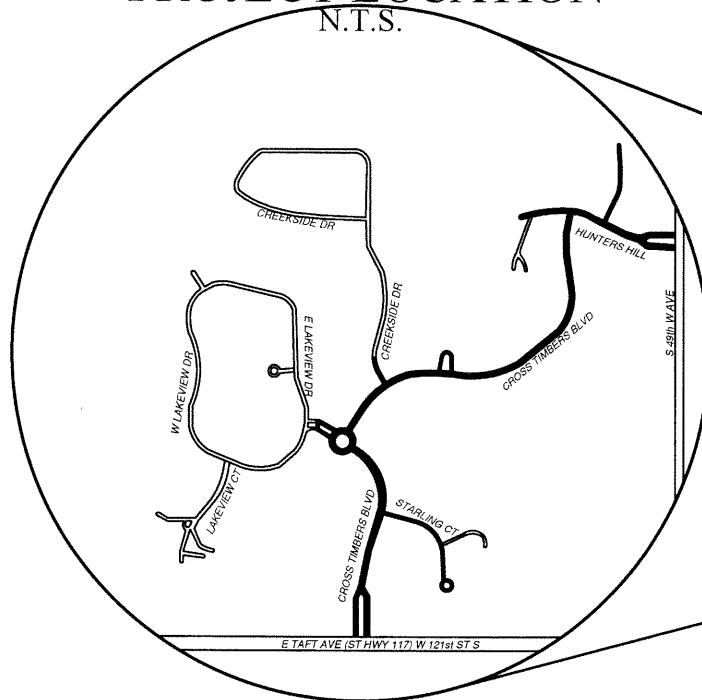
Legend

-CTV-	=	CABLE TELEVISION	STJB	=	STORM SEWER JUNCTION BOX
-OHE-	=	OVERHEAD ELECTRIC LINE	STL	=	STEEL
-GL-	=	GAS LINE	STMH	=	STORM SEWER MANHOLE
-SS-	=	SANITARY SEWER LINE	STS	=	STREET SIGN
-SD-	=	STORM SEWER LINE	S/W	=	SIDEWALK
-T-	=	OVERHEAD TELEPHONE LINE	TC	=	TOP OF CURB GRADE
-UE-	=	UNDERGROUND ELECTRIC	TCE	=	TEMPORARY CONSTRUCTION EASEMENT
-UFO-	=	UNDERGROUND FIBER OPTIC	TD/TPED	=	TELEPHONE PEDESTAL
-UGC-	=	UNDERGROUND COMMUNICATIONS	TS	=	TRAFFIC SIGN
-W-	=	WATER LINE	TG	=	TOP OF GRATE
-X-	=	FENCE	TH	=	TOP OF HEADWALL
BCLM	=	BRICK COLUMN	TMH	=	TELEPHONE MANHOLE
BMB	=	BRICK MAIL BOX	TP	=	TELEPHONE POLE
BOC	=	BACK OF CURB	TPD	=	TELEPHONE POLE w/ DROP
BWF	=	BARBED WIRE FENCE	TPL	=	TELEPHONE POLE w/LIGHT
BVCE	=	BEGINNING OF VERTICAL CURVE ELEVATION	TR	=	TELECOMMUNICATIONS RISER
BVCS	=	BEGINNING OF VERTICAL CURVE STATION	TSCB	=	TRAFFIC SIGNAL CONTROLLER
CMKR	=	COMMUNICATIONS MARKER	TSL	=	TRAFFIC SIGNAL LIGHT POLE
CL	=	CENTERLINE	VPC	=	VERTICAL POINT OF CURVE
CGMP	=	CORRUGATED METAL PIPE	VPI	=	VERTICAL POINT OF INTERSECTION
CLF	=	CHAIN LINK FENCE	VPT	=	VERTICAL POINT OF TANGENT
CMK	=	COMMUNICATIONS MARKER	WF	=	WOOD FENCE
CONC	=	CONCRETE	WIF	=	WROUGHT IRON FENCE
CP	=	CLAY PIPE	WL	=	WATER LINE
CRL	=	CONSTRUCTION REFERENCE LINE	WP	=	WOOD POST
CV	=	COMMUNICATIONS VAULT	WM	=	WATER METER
DGDI	=	DOUBLE GRATE DROP INLET	WV	=	WATER VALVE
DIA	=	DIAMETER	WVLT	=	WATER VAULT
DR	=	DRIVE			
DW	=	DRIVEWAY			
EL	=	ELEVATION			
ELEV	=	ELEVATION			
EO	=	ELECTRIC OUTLET			
EOP	=	EDGE OF PAVEMENT			
EVCE	=	END OF VERTICAL CURVE ELEVATION			
EVCS	=	END OF VERTICAL CURVE STATION			
EX	=	EXISTING			
FG	=	FINISH GRADE			
FH	=	FIRE HYDRANT			
FL	=	FLOWLINE			
FOC	=	FACE OF CURB			
FOWS	=	FIBER OPTIC WARNING SIGN			
FPST	=	FENCE POST			
GMK	=	GAS LINE MARKER			
GM	=	GAS METER			
GP	=	GUARD POST			
GTR	=	GUTTER			
GUY	=	GUY ANCHOR			
GV	=	GAS VALVE			
HGF	=	HOG WIRE FENCE			
HDPE	=	HIGH DENSITY POLYETHYLENE PIPE			
HDWL	=	HEADWALL			
HP	=	HIGH POINT			
ICV	=	IRRIGATION CONTROL VALVE			
INV	=	INVERT			
LP	=	LIGHT POLE			
LT	=	LEFT			
LVC	=	LENGTH OF VERTICAL CURVE			
MD	=	MEASURE DOWN			
MB	=	MAILBOX			
MH	=	MANHOLE			
MP	=	METAL POST			
OIF	=	ORNAMENTAL IRON FENCE			
PL	=	PROPERTY LINE			
PLE	=	PARKING LOT LIGHT			
PLTR	=	PLANTER			
PP	=	POWER POLE			
PPD	=	POWER POLE w/DROP			
PPDL	=	POWER POLE w/DROP & LIGHT			
PPDLT	=	POWER POLE w/DROP, LIGHT & TRANSFORMER			
PPL	=	POWER POLE w/LIGHT			
PPLT	=	POWER POLE w/LIGHT AND TRANSFORMER			
PPT	=	POWER POLE w/TRANSFORMER			
PRF	=	PIPE RAIL FENCE			
PV	=	PAVING GRADE			
PVI	=	POINT OF VERTICAL INTERSECTION			
RCB	=	REINFORCED CONCRETE BOX			
RCAP	=	REINFORCED CONCRETE ARCH PIPE			
RCP	=	REINFORCED CONCRETE PIPE			
RJ	=	RESTRAINED JOINT			
RP	=	REFLECTOR PADDLE			
ROW	=	RIGHT-OF-WAY			
RT	=	RIGHT			
RTWL	=	RETAINING WALL			
SDE	=	DEAD END SIGN			
SF	=	SQUARE FOOT			
SGDI	=	SINGLE GRATE DROP INLET			
SGN	=	SIGN			
SL	=	SECTION LINE			
SLS	=	SPEED LIMIT SIGN			
SMH	=	SANITARY SEWER MANHOLE			
SSLH	=	SANITARY SEWER LAMPHOLE			
STA	=	STATION			
STHW	=	STORM SEWER HEADWALL			

CITY OF SAPULPA, OKLAHOMA CONSTRUCTION PLANS FOR CROSS TIMBERS BLVD, ENTIRE PROJECT WITHIN SEC. 32, T-18-N, R-12-E

EAST TAFT AVENUE TO SOUTH 49th
WEST AVENUE
SAPULPA, OKLAHOMA
0.98 LANE MILES

PROJECT LOCATION N.T.S.



INDEX OF SHEETS

SHEET	DESCRIPTION
1	COVER SHEET
2	PAY QUANTITIES & NOTES
3	CONSTRUCTION NOTES
4	TYPICAL SECTION
5-11	SURVEY DATA PLANS
12	STORMWATER POLLUTION PREVENTION PLAN
13-16	EROSION CONTROL PLANS
17-23	ROADWAY PLANS
23-30	CONSTRUCTION PHASING PLANS

ODOT STANDARDS

ROADWAY STANDARDS	TRAFFIC SIGNING STANDARDS	TRAFFIC CONTROL STANDARDS
(R-8) TFL-0 (R-14) SSS-2-1 (R-15) ASCD-6-1 (R-16) CSCD-6-2 (R-17) LECS-5-2 (R-18) LTU-5-1	(T-101) PM1-1-03	(T-501) TCS1-1-01 (T-504) TCS4-1-01 (T-505) TCS5-1-00 (T-506) TCS6-1-02 (T-508) TCS8-1-00 (T-509) TCS9-1-01 (T-510) TCS10-1-00 (T-514) TCS14-1-00 (T-519) TCS19-1-01

Benchmarks

Point	Northing	Easting	Elevation	Description
101	366979.76	2544927.11	754.84	5/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
102	366997.46	2544928.71	754.00	MAG Nail in Concrete Curb
103	367572.48	2546018.16	787.27	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
104	368027.32	2545741.67	815.95	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
105	367731.19	2545505.21	802.77	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
106	367087.44	2545467.06	764.28	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
107	366530.41	2544454.15	730.70	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
108	366209.41	2544609.72	748.11	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
109	365877.15	2544948.88	751.02	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
110	365659.27	2544496.42	744.64	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"

Horizontal Datum: NAD83(2011)

Projection: Oklahoma State Plane Coordinate System North Zone 3501

Vertical Datum: NAVD88

All Coordinates and measurements in U.S. Survey Foot

HORIZONTAL AND VERTICAL CONTROL FOR THIS PROJECT ARE BASED ON THE FOLLOWING

ADS Benchmark Note

24-053 Cross Timbers

ADS Benchmark: Control Data Station 316

Northing: 365,514.20

Easting: 2,543,936.76

Elevation: 735.13

Description: 5/8" Rebar - 2" Aluminum Cap - flush, stamped "316", approximately 2160' west of the intersection of S. 49th W. Ave. and E. Highway #117, and approximately 45' south of the centerline of E. Highway #117.

NOTES:

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE OKLAHOMA DEPARTMENT OF TRANSPORTATION 2019 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

THIS PROJECT COMPLIES WITH ALL OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ) REQUIREMENTS. THIS PROJECT IS ENTIRELY LOCATED WITHIN THE CORPORATE LIMITS OF THE CITY OF SAPULPA.

UTILITY COORDINATION BOX

	NUMBER	NOTIFIED
CITY OF SAPULPA		
PUBLIC WORKS		
DIRECTOR	918-216-4352	-
STREET DEPARTMENT	918-216-1849	-
UTILITY MAINTENANCE	918-248-5928	-
ADMINISTRATOR	918-248-5928	-
PARKS & RECREATION	918-227-5151	-
OKLAHOMA GAS & ELECTRIC	918-250-6257	-
OKLAHOMA NATURAL GAS CO. (Craig Powell)	918-831-8261	-
ONG HIGH PRESSURE PIPELINE	918-451-3814	-
MTTA	918-830-0024	-
COX COMMUNICATIONS (Brandon Wade)	918-286-4716	-
PUBLIC SERVICE CO. (Mike Blibby)	918-250-6257	-
GENERAL TELEPHONE	918-451-3441	-
AT&T (Steve Spradlin)	918-576-2142	-



Tulsa Engineering & Planning Associates, Inc.

9810 East 42nd Street, Suite. 100, Tulsa, Oklahoma 74146

Phone: 918-252-9621 Fax: 918-340-5999

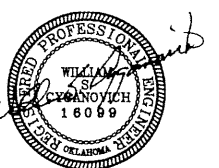
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2025

APPROVED BY:

[Signature] 12-18-24
PUBLIC WORKS DIRECTOR DATE

ENGINEERS CERTIFICATION:

[Signature]
WILLIAM S. CYGANOVICH P.E.
TULSA ENGINEERING & PLANNING ASSOCIATES, INC.



11/11/2024



BEFORE
YOU DIG ...
1-800-522-6543
CALL OKIE

SUMMARY OF PAY QUANTIES					
ITEM NO.	SPEC. NO.	PAY ITEM DESCRIPTION	PAY ITEM NOTE	UNITS	Total Estimated Quantity
1	202(A)	UNCLASSIFIED EXCAVATION	1,2,3,18	CY	4,226
2	220	SWPPP DOCUMENTATION AND MANAGEMENT	4	LS	1
3	221(K)	TEMPORARY FIBER LOG	5,6,32	EA	16
4	230(A)	SOLID SLAB SODDING	7,8	SY	101
5	303(A)	AGGREGATE BASE TYPE A	9	CY	3,771
6	310(B)	SUBGRADE METHOD B		SY	16,900
7	325	SEPARATOR FABRIC	10	SY	20,857
8	411(B)	ASPHALT CONCRETE, TYPE S3 (PG 64-22 OK)	11,12,13,14	TON	4,624
9	411(C)	ASPHALT CONCRETE, TYPE S4 (PG 64-22 OK)	11,12,13,14	TON	1,849
10	414(A)	P.C.CONCRETE PAVEMENT (PLACEMENT)	15	SY	389
11	414(G)	P.C. CONCRETE FOR PAVEMENT	16,17	CY	76
12	511(B)	EPOXY COATED REINFORCING STEEL		LBS	4,343
13	609(B)	6" COMBINED CURB AND GUTTER (MOUNTABLE)	16,17	LF	305
14	612(E)	VALVE BOXES ADJUST TO GRADE	18,19,25	EA	6
15	619(B)	REMOVAL OF CURB AND GUTTER	18,20	LF	305
16	619(B)	REMOVAL OF CONCRETE PAVEMENT	18,20	SY	389
17	619(B)	REMOVAL OF ASPHALT PAVEMENT	18,20	SY	16,511
18	619(C)	SAWING PAVEMENT	21	LF	239
19	641	MOBILIZATION	22	LS	1
20	642	CONSTRUCTION STAKING	23,24	LS	1
21	855(A)	TRAFFIC STRIPE (PLASTIC) (4" WIDE)	27	LF	110
22	855(A)	TRAFFIC STRIPE (PLASTIC) (24" WIDE)	27	LF	64
23	880(B)	SIGNS 0.00 TO 6.25 SF	26,28	SD	600
24	880(B)	SIGNS 6.26 TO 15.99 SF	26,28	SD	600
25	880(B)	SIGNS 16.00 AND UP	26,28	SD	750
26	880(C)	BARRICADES (TYPE III)	26,28	SD	900
27	880(E)	TYPE "A" WARNING LIGHT	26,28,29	SD	900
28	880(E)	TYPE "C" WARNING LIGHT	26,28,29	SD	1,950
29	880(G)	TUBE CHANNELIZERS	26,28	SD	1,500
30	880(I)	FLAGGER	30	FD	50
31	SPECIAL	PROJECT SIGN (CITY OF SAPULPA)	31	EA	2

PAY ITEM NOTES:

1. ALL EXISTING DRAINAGE STRUCTURES SHALL BE CLEANED AND CLEARED OF ALL SEDIMENTATION AND DEBRIS TO THE RIGHT OF WAY. COST OF CLEARING SHALL BE INCLUDED IN THE PRICE BID.
2. THE CONTRACTOR SHALL BE PAID FOR UNCLASSIFIED EXCAVATION ON THE BASIS OF PLAN QUANTITY. ANY ADDITIONAL EXCAVATION REQUIRED OR OVERRUN OF PLAN QUANTITY WILL BE PAID FOR ON THE BASIS OF UNIT PRICE BID FOR THE ITEM. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SURVEY TO VERIFY ANY ADDITIONAL QUANTITIES.
3. UNCLASSIFIED EXCAVATION INCLUDES REMOVAL OF AGGREGATE BASE AND MODIFIED SUBGRADE UNDER EXISTING PAVEMENT TO BE REPAIRED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL AND MAINTENANCE OF THE STORM WATER DRAINAGE FROM THE CONSTRUCTION SITE. STORM WATER PONDING ON THE CONSTRUCTION SITE THAT IS THE RESULT OF CONSTRUCTION WILL NOT BE ALLOWED. ALL COST ASSOCIATED WITH STORM WATER MANAGEMENT, AS WELL AS REMOVAL OF ALL SILT AND DEBRIS FROM ALL DRAINAGE STRUCTURES, STORM SEWER PIPES AND APPURTENANCES WITHIN THE PROJECT LIMITS AT END OF PROJECT, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THIS ITEM.
5. EROSION PROTECTION SHALL BE PLACED AS FOLLOWS:
A) AROUND INLETS TO PREVENT INFLOW OF ERODED MATERIAL INTO STORM SEWER SYSTEM;
B) IN LOCATIONS THROUGHOUT PROJECT SITE, AS DETERMINED BY THE ENGINEER, TO PREVENT WASH OF ERODED MATERIAL ONTO ADJACENT PROPERTY;
C) FOR ENTIRE DURATION OF PROJECT, WITH MAINTENANCE AND REPLACEMENTS, AS DIRECTED BY THE ENGINEER;
D) WITH PERIODIC REMOVAL OF SEDIMENT IN ACCORDANCE WITH STORMWATER MANAGEMENT PLAN.
ALL COST FOR ITEMS A-D ABOVE SHALL BE INCLUDED IN UNIT PRICE BID FOR THIS ITEM.
6. PRICE BID SHALL INCLUDE MAINTENANCE, SEDIMENT REMOVAL, DISPOSAL, AND REMOVAL OF FILTERS AT PROJECT COMPLETION.
7. ESTIMATED QUANTITY IS BASED ON SODDING OF ALL DISTURBED AREAS OUTSIDE OF CURB REPLACEMENT. SOD SHALL BE OF LIKE-KIND TO EXISTING SOD. PRICE BID INCLUDES PLACEMENT AND COMPACTION OF SUITABLE BACKFILL. ANY EXISTING GRASSED AREAS BEYOND THE ABOVE STATED LIMITS THAT ARE DAMAGED AS A RESULT OF CONSTRUCTION OPERATIONS SHALL BE RESODDED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S SOLE EXPENSE.
8. COST OF WATERING AND FERTILIZING SHALL BE INCLUDED. FERTILIZERS SHALL BE 10-20-10 AND SHALL BE APPLIED AT THE RATE OF 1.5 LBS PER 10 SQ YDS. FERTILIZER SHALL BE APPLIED PER SECTION 230.04H OF ODOT STANDARD SPECIFICATIONS. WATERING SHALL BE APPLIED AS NECESSARY UNTIL VEGETATION IS ESTABLISHED OR UNTIL THE WORK IS ACCEPTED AS COMPLETE.
9. INCLUDES COMPACTION OF AGGREGATE TO 98% AASHTO T180 MODIFIED PROCTOR.
10. SEPARATOR FABRIC SHALL BE USED BETWEEN AGGREGATE BASE AND SUBGRADE. THE SEPARATOR FABRIC SHALL BE CUT AND OVERLAPPED A MINIMUM OF 2 FT AT ALL EDGES.
11. THE COST OF TACK COAT, EDGE JOINT SEAL MATERIAL AND SCREENINGS FOR BLOTTING, AND ALL LABOR ASSOCIATED WITH THESE ITEMS, SHALL BE INCLUDED IN ASPHALT CONCRETE.
12. ESTIMATED AT 112 LBS PER SQ YD PER 1 INCH THICK.
13. ODOT PAY FACTOR FOR AVERAGE LOT DENSITY SHALL NOT BE USED FOR THIS PROJECT. FAILURE TO REACH AVERAGE LOT DENSITY OF 92%-97% WILL RESULT IN REJECTION OF WORK.
14. A HIGHER GRADE OF ASPHALT BINDER THAN IS INDICATED ON THE PLANS MAY BE USED, BUT AT NO ADDITIONAL COST TO THE CITY.

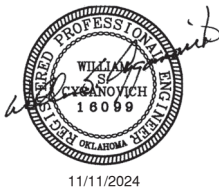
NOTE 14 (50) TABLE			
BINDER ² GRADE	MESALs	ADT ¹	NOTES
PG 64-22 OK	< 3	< 5,000	USE WHEN MORE THAN 4-6 INCHES BELOW THE SURFACE. ALSO USE FOR SHOULDERS, DRIVEWAYS, BELOW PCC, AND TEMPORARY CONSTRUCTION.
PG 70-28 OK	< 10	< 10,000	USE ONLY IN THE TOP 4-6 INCHES FOR DRIVING LANES.
PG 76-28 OK	>= 10	>= 10,000	USE ONLY IN THE TOP 4-6 INCHES FOR DRIVING LANES.
PG 76-28 E	—	—	CONTACT ODOT MATERIALS DIVISION FOR RECOMMENDED USE.
¹ USE ADT ONLY WHEN ESAL COMPUTATIONAL DATA IS NOT AVAILABLE. CALCULATE THE DESIGN ESALs BASED ON 20 YEARS.			
² PG 70-28 OK OR PG 76-28 OK MAY BE DESIRABLE IN HIGH VOLUME AREAS WHERE SLOW, STANDING, OR TURNING TRAFFIC OCCURS, SUCH AS URBAN INTERSECTIONS OR OFF-RAMPS. OFF RAMPS SHOULD AT LEAST USE THE SAME BINDER AS THE MAINLINE.			

15. THE EXISTING PATTERN ON THE CONCRETE SECTIONS WILL BE USED FOR THE REPLACEMENT, OR AN APPROVED EQUAL.
16. THE USE OF FLY-ASH IN CONCRETE IS PROHIBITED.
17. INCLUDES ALL COST OF SAWED JOINTS AND SEALING OF ALL JOINTS INCLUDING LONGITUDINAL JOINTS.
18. WASTE MATERIAL TO BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE IN A MANNER APPROVED BY THE ENGINEER.
19. ALL SAW CUTTING AND REMOVAL SHALL BE INCLUDED IN THE COST OF THE ITEM TO BE ADJUSTED, REMOVED, REPAIRED, OR REPLACED.
20. ITEMS TO BE REMOVED MAY OR MAY NOT BE PRESENT IN ANY SPECIFIED CONDITION.
21. LOCATIONS TO BE DETERMINED IN THE FIELD AND WORK TO BE PERFORMED AT THE DIRECTION OF THE FIELD ENGINEER. QUANTITY IS ESTIMATED AND MAY BE OMITTED IN ITS ENTIRETY.
22. MAXIMUM OVERALL DOLLAR AMOUNT AND SCHEDULE OF PAYMENTS SHALL BE IN ACCORDANCE WITH SECTION 641 OF THE OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, CURRENT EDITION.
23. CONSTRUCTION STAKING SHALL INCLUDE SURVEYING AND THE FURNISHING, PLACING, AND MAINTAINING OF THE CONSTRUCTION LAYOUT STAKES NECESSARY FOR THE PROPER COMPLETION AND INSPECTION OF THE ENTIRE PROJECT.
24. THE COST TO REPLACE REMOVED OR DAMAGED SECTION CORNERS AND ALL OTHER PERMANENT RIGHT OF WAY MARKERS SHALL BE INCLUDED IN THE PRICE BID FOR THIS ITEM. NO ADDITIONAL PAYMENT WILL BE MADE.
25. THE TOTAL COST FOR RUBBERIZED ASPHALT AND/OR SILICONE AT MANHOLES, VALVE BOXES, INLETS, AND INLET APRONS, SHALL BE INCLUDED.
26. REFLECTORIZED SHEETING ON SIGNS AND BARRICADES SHALL BE OF A CUBIC PRISMATIC TYPE AND SHALL MEET THE SPECIFICATIONS ESTABLISHED FOR ASTM D 4956-01 TYPE IX RETRORREFLECTIVE SHEETING. REFLECTORIZED SHEETING ON DRUMS AND TUBE CHANNELIZERS SHALL BE OF A HIGH-INTENSITY TYPE AND SHALL MEET THE SPECIFICATIONS ESTABLISHED FOR ASTM D 4956-01 TYPE III RETRORREFLECTIVE SHEETING.
27. ALL PLASTIC PAVEMENT MARKINGS SHALL BE EITHER:

EXTRUDED-APPLIED THERMOPLASTIC (USE ON ASPHALT PAVEMENT). THERMOPLASTIC PAVEMENT MARKINGS SHALL ONLY BE APPLIED WHEN THE SURFACE TEMPERATURE EXCEEDS 55°F FOR ALL OF THE SIX HOURS PRIOR TO INSTALLATION AND MAXIMUM WIND GUSTS ARE BELOW 15 MPH AT THE TIME OF APPLICATION. PRICE BID TO INCLUDE FLEX TABS OR LIKE KIND FOR POST CONSTRUCTION LANE MARKING/SEPARATION. MECHANICALLY APPLIED PREFORMED PLASTIC TAPE ("COLD TAPE") WILL NOT BE ACCEPTED.

OR

MULTI-POLYMER PAINT (USE ON CONCRETE PAVEMENT). MULTI-POLYMER PAVEMENT MARKINGS SHALL ONLY BE APPLIED 30 DAYS AFTER PAVING WHEN PAVEMENT SURFACE TEMPERATURE EXCEEDS 40°F FOR ALL OF THE SIX HOURS PRIOR TO INSTALLATION WITH A MINIMUM WIND CHILL TEMPERATURE OF 35°F. PRICE BID TO INCLUDE FLEX TABS OR LIKE KIND FOR POST CONSTRUCTION LANE MARKING/SEPARATION.
28. PAYMENT SHALL BE MADE ON A SIGN-DAY BASIS ONLY FOR TRAFFIC CONTROL DEVICES THAT ARE PROPERLY INSTALLED AND IN GOOD WORKING ORDER. COSTS FOR DELIVERY, INSTALLATION, RELOCATION, MAINTENANCE REMOVAL AND REPLACEMENT, AS NEEDED AT THE DISCRETION OF THE ENGINEER, INCLUDED IN UNIT PRICE BID.
29. IF WARNING LIGHTS ARE TO BE USED ON TRAFFIC CONTROL DEVICES, TYPE "A" LIGHTS SHALL ONLY BE USED ON DEVICES WARNING OF UNEXPECTED HAZARDS, AND SHALL NOT BE USED FOR DELINEATION OF THE TRAVELED WAY. ONLY TYPE "C" WARNING LIGHTS SHALL BE USED FOR DELINEATION OF THE TRAVELED WAY, AND TYPE "C" LIGHTS SHALL NOT BE USED FOR ANY OTHER PURPOSE.
30. THE PAY ITEM FOR FLAGGER SHALL BE PAID FOR ON A FLAG DAY (F.D.) BASIS. ONE F.D. IS ONE COMPLETE WORKDAY PERFORMED BY THE CONTRACTOR AS SET FORTH IN THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
31. PRICE BID FOR THIS ITEM INCLUDES INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF PROJECT SIGN.
32. CURB INLET CONTROL FILTER, SMALL DITCH CHECK, AND INLET CONTROL FILTER WILL BE PAID FOR UNDER TEMPORARY FIBER LOG ITEM.



PAY QUANTITIES & NOTES

CROSS TIMEBERS BLVD

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

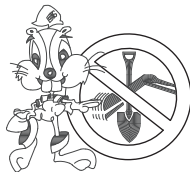
PLANS & ESTIMATES PREPARED BY:
tep Tulsa Engineering & Planning Associates
9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

REVISION	BY	DATE	PLAN SCALE	CFJ	08/2024	APPROVED:
			DESIGNED	WSC	08/2024	
			SURVEY	BL	08/2024	
			PROFILE SCALE	PROJ. MGR.		
			HORIZONTAL:	LEAD ENGR.		
				FIELD MGR.		
			VERTICAL:	RECOMMENDED:		
				DESIGN MANAGER		CITY ENGINEER
			FILE:	DRAWING:		DATE:
			ATLAS PAGE NO.:			SHEET .02 OF .30 SHEETS

G:\24-053\PLAN SET\24-053 PAY QUANTITIES-NOTES.dwg, 11/12/2024 - 1:03 PM

GENERAL CONSTRUCTION NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 2019 OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
2. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS GOVERNING SAFETY, HEALTH AND SANITATION. THE CONTRACTOR SHALL PROVIDE ALL SAFEGUARDS, SAFETY DEVICES AND PROTECTIVE EQUIPMENT, AND TAKE ANY OTHER NEEDED ACTION ON AS HIS OWN RESPONSIBILITY OR AS THE ENGINEER MAY DETERMINE REASONABLY NECESSARY TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACT.
3. PAY ITEMS SHALL BE AS SPECIFIED ON THE ODOT STANDARD DRAWINGS EXCEPT AS MODIFIED BY THE CONTRACT.
4. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM HIS FAILURE TO LOCATE AND PRESERVE ANY AND ALL UTILITIES.
5. THE LOCATIONS OF THE UTILITIES ARE SHOWN ACCORDING TO ALL AVAILABLE INFORMATION. THE CONTRACTOR SHALL NOTIFY EACH UTILITY OWNER PRIOR TO COMMENCEMENT OF WORK TO VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS. THE FOLLOWING IS A LIST OF UTILITY OWNERS; AT&T, OKLAHOMA GAS AND ELECTRIC (OG&E), OKLAHOMA NATURAL GAS (ONG), COX COMMUNICATIONS, MCI/VERIZON, EASYTEL COMMUNICATIONS, WELLSCO VALLOR TELECOM, CITY OF SAPULPA-UTILITIES, CITY OF SAPULPA-STREET DEPARTMENT. SEE TITLE SHEET FOR CONTACT INFORMATION.
6. THE CONTRACTOR SHALL GIVE THE NOTIFICATION CENTER OF OKLAHOMA ONE-CALL SYSTEM, INC. NOTICE OF ANY EXCAVATION NO SOONER THAN TEN DAYS NOR LATER THAN 48 HOURS , EXCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS, PRIOR TO THE COMMENCEMENT OF WORK. PHONE 1-800-522-6543.
7. THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS TO PREVENT EXCESS MOISTURE FROM INCLEMENT WEATHER OR OTHER SOURCES FROM ENTERING ANY STREET EXCAVATION. IF EXCESS MOISTURE DOES ENTER THE EXCAVATION THROUGH THE NEGLIGENCE OF THE CONTRACTOR AND THE ADJOINING PAVEMENT IS ADVERSELY EFFECTED BY THE EXCESS MOISTURE, THE CONTRACTOR SHALL REPLACE THE ADJOINING PAVEMENT AND SUBBASE AT HIS SOLE EXPENSE.
8. THE CONTRACTOR SHALL PRESERVE THE INTEGRITY OF THE SANITARY SEWER STRUCTURES AND ALL OTHER UTILITY STRUCTURES WITHIN THE PROJECT EXTENTS.
9. THE CONTRACTOR SHALL WORK IN COOPERATION WITH THE CITY OF SAPULPA TO ESTABLISH, INSTALL, MAINTAIN, AND OPERATE COMPLETE, ADEQUATE, AND SAFE TRAFFIC CONTROLS DURING THE ENTIRE CONSTRUCTION PERIOD. ALL FLAGMEN, BARRICADES, AND TRAFFIC CONTROL DEVICES SHALL BE APPROVED BY THE FIELD ENGINEERING REPRESENTATIVE.
10. CONSTRUCTION SIGNAGE WILL BE INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT ADDITION, AND APPLICABLE ODOT STANDARD DRAWINGS. THE CONTRACTOR SHALL PROVIDE A PROPOSED TRAFFIC CONTROL PLAN FOR APPROVAL BY THE ENGINEER PRIOR TO BEGINNING WORK.
11. THE CONTRACTOR SHALL NOTIFY THE CITY OF SAPULPA PUBLIC WORKS DIRECTOR, 918-216-4352, A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK OR PRIOR TO REMOVING TRAFFIC SIGNS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL EXISTING TRAFFIC SIGNS AND MARKINGS REMOVED OR DAMAGED DURING THE COURSE OF THE PROJECT. ALL SIGNS AND POLES REPLACED SHALL BE NEW AND UNDAMAGED.
13. THE CONTRACTOR WILL BE RESPONSIBLE FOR PREPARATION AND DISTRIBUTION OF A WRITTEN NOTICE TO RESIDENTS 48 HOURS PRIOR TO BEGINNING PAVEMENT REMOVAL AND OVERLAY OPERATIONS.
14. LOCAL AND THROUGH TRAFFIC SHALL BE MAINTAINED THROUGH THE PROJECT AT ALL TIMES.
15. ALL PUBLIC AND PRIVATE STREETS AND DRIVES SHALL BE ACCESSIBLE AT ALL TIMES.
16. ALL BROKEN CONCRETE, WASTE MATERIAL, AND OTHER DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE LIMITS OF THE PROJECT AND DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE DISPOSAL OF THIS MATERIAL.
17. ALL EXCAVATED MATERIAL NOT REQUIRED IN THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN A MANNER ACCEPTABLE TO THE ENGINEER WITHOUT COST TO THE CITY. THE CONTRACTOR WILL BE REQUIRED TO OBTAIN AN EARTH CHANGE PERMIT IF ANY MATERIAL IS STORED ON THE PROJECT SITE AND/OR DISPOSED OF WITHIN THE CITY LIMITS.
18. ALL TREES, BRUSH AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER IS TO BE CLEANED OUT TO THE RIGHT-OF-WAY LINE IN A MANNER APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF WORK.
19. WHERE MATERIALS ARE TRANSPORTED IN THE PROSECUTION OF WORK, VEHICLES SHALL NOT BE LOADED BEYOND THE CAPACITY RECOMMENDED BY THE VEHICLE MANUFACTURER OR AS PRESCRIBED BY ANY FEDERAL, STATE OR LOCAL LAW OR REGULATION.
20. ANY DAMAGE TO THE ROADWAY PAVEMENT, CURB, DRIVEWAYS OR SIDEWALK CAUSED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED TO THE ENGINEER'S SATISFACTION AND SHALL BE ACCOMPLISHED AT THE CONTRACTOR'S SOLE EXPENSE. ALL DISTURBED ITEMS SHALL BE REPAIRED TO MATCH EXISTING MATERIALS AND PATTERNING.
21. IF THE CONTRACTOR ENCOUNTERS VOIDS WHEN PATCHING STREETS, THE CONTRACTOR SHALL CALL PUBLIC WORKS AT 918-216-4352 FOR AN INSPECTION BEFORE PROCEEDING WITH WORK.
22. THE PROJECT SHALL BE CONSTRUCTED WITH CONTINUOUS FLOW OF MATERIAL SUPPLIED TO THE PROJECT SUCH THAT THE LAYDOWN MACHINE WILL REMAIN IN MOTION. ANY DELAY IN FORWARD PROGRESSION OF THE LAYDOWN MACHINE MAY REQUIRE A TRANSVERSE JOINT AS DIRECTED BY THE ENGINEER.
23. NO FLY ASH IS ALLOWED TO BE USED ON THIS PROJECT.
24. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY QUALITY CONTROL TESTING TO ENSURE THAT PROJECT REQUIREMENTS ARE MET. ANY PHYSICAL TESTING REQUIRED SHALL BE PREFORMED AT THE CONTRACTOR'S EXPENSE
25. MASONRY STRUCTURES SHALL NOT BE CONSTRUCTED WITHIN THE STREET RIGHT-OF-WAY.
26. ALL CONCRETE CURB AND GUTTERS SHALL BE MONOLITHIC POURS. DOWELED-ON CURBS WILL NOT BE ALLOWED.
27. NO LIFTING HOLES WILL BE ALLOWED ON ANY REINFORCED CONCRETE PIPES OR REINFORCED CONCRETE BOXES.
28. CURB RAMP CONSTRUCTION SHALL COMPLY WITH THE CURRENT AMERICANS WITH DISABILITIES ACT STANDARDS.
29. REFLECTORIZED SHEETING ON SIGNS AND BARRICADES SHALL BE OF A CUBIC PRISMATIC TYPE AND SHALL MEET THE SPECIFICATIONS ESTABLISHED FOR ASTM D 4956-01 TYPE IX RETROREFLECTIVE SHEETING. REFLECTORIZED SHEETING ON DRUMS AND TUBE CHANNELIZERS SHALL BE OF A HIGH-INTENSITY TYPE AND SHALL MEET THE SPECIFICATIONS ESTABLISHED FOR ASTM D 4956-01 TYPE III RETROREFLECTIVE SHEETING.
30. ALL ASPHALT STREETS THAT ARE TO BE RECONSTRUCTED SHALL BE LEFT WITH A DRIVABLE SURFACE AT ALL TIMES. THE CONTRACTOR WILL NOT BE ALLOWED TO MILL OFF ALL THE ASPHALT BEFORE EXCAVATION BEGINS.
31. THE CONTRACTOR SHALL REPLACE ANY SECTION CORNERS OR OTHER PERMANENT RIGHT OF WAY MARKERS REMOVED OR DISTURBED AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT. REPLACEMENT OF SECTION CORNERS OR ANY OTHER MONUMENTS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR AUTHORIZED TO PERFORM WORK IN THE STATE OF OKLAHOMA.
32. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL AND MAINTENANCE OF THE STORMWATER DRAINAGE. STORMWATER PONDING ON THE CONSTRUCTION SITE THAT IS THE RESULT OF CONSTRUCTION WILL NOT BE ALLOWED.
33. STRAW OR HAY BALES AS STORMWATER BEST MANAGEMENT PRACTICES ARE NO LONGER ALLOWED ON CONSTRUCTION PROJECTS.
34. THE CONTRACTOR MUST CALL 1-800-458-4251 IMMEDIATELY IF A NATURAL GAS PIPELINE IS CUT, DAMAGED, OR OTHERWISE DISTURBED.
35. PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.
36. CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIALS IN THE FLOODPLAIN.



BEFORE
YOU DIG ...
1-800-522-6543
CALL OKIE



11/11/2024

CONSTRUCTION NOTES

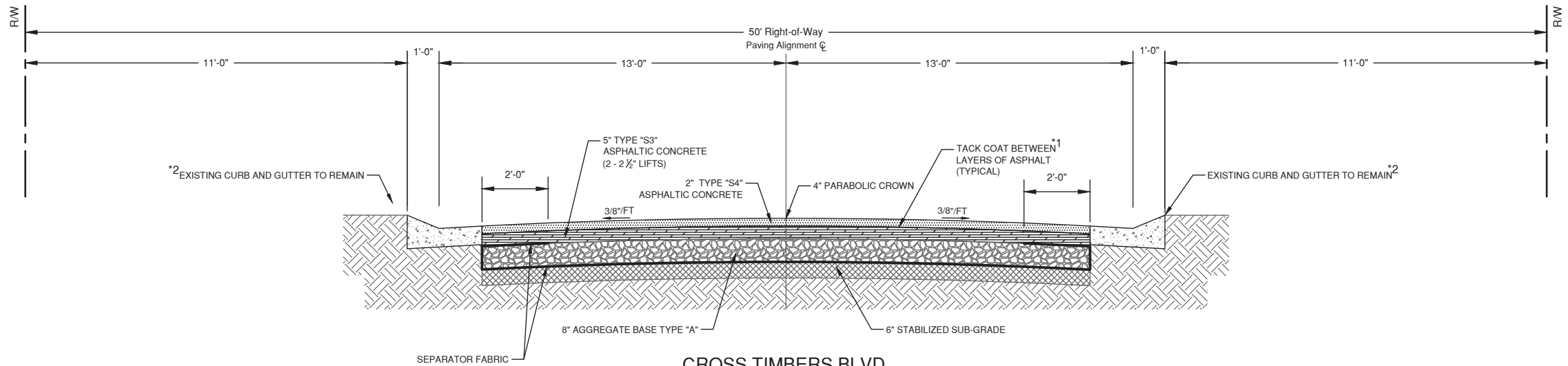
CROSS TIMEBERS BLVD

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

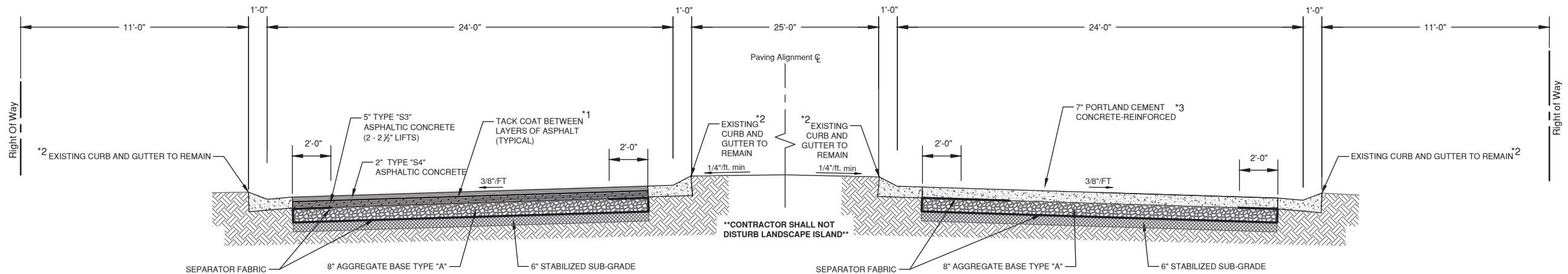
PLANS & ESTIMATES PREPARED BY:

tep Tulsa Engineering & Planning Associates
9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

REVISION	BY	DATE	PLAN SCALE	DRAWN	CFJ	08/2024	APPROVED:
				DESIGNED	WSC	08/2024	
				SURVEY	BL	08/2024	
			PROFILE SCALE	PROJ. MGR.			
			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
				DESIGN MANAGER			
			FILE: _____	DRAWING: _____	DATE: _____		
			ATLAS PAGE NO.: _____			SHEET _03_ OF _30_ SHEETS	



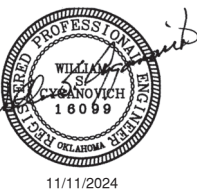
CROSS TIMBERS BLVD
26' STREET SECTION W/ CURB AND GUTTER
TYPICAL UNLESS LABELED OTHERWISE
NOT TO SCALE



STREET SECTION WITH ISLAND
AND CURB AND GUTTER
NOT TO SCALE

NOTES:

- *1 TO BE INCLUDED IN COST OF ASPHALT.
*2 REPLACE DAMAGED CURB AND GUTTER IN LOCATIONS SHOWN ON PLAN SHEETS.
*3 REINFORCING WILL BE 4 BARS AT 12" CTRS BOTH WAYS.
(2' CLEARANCE AT ENDS) (PLACED IN CENTER)



11/11/2024

TYPICAL SECTION

CROSS TIMEBERS BLVD

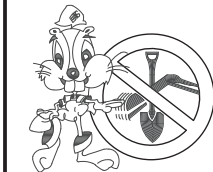
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			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
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				DESIGN MANAGER			CITY ENGINEER
			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 04 OF 30 SHEETS



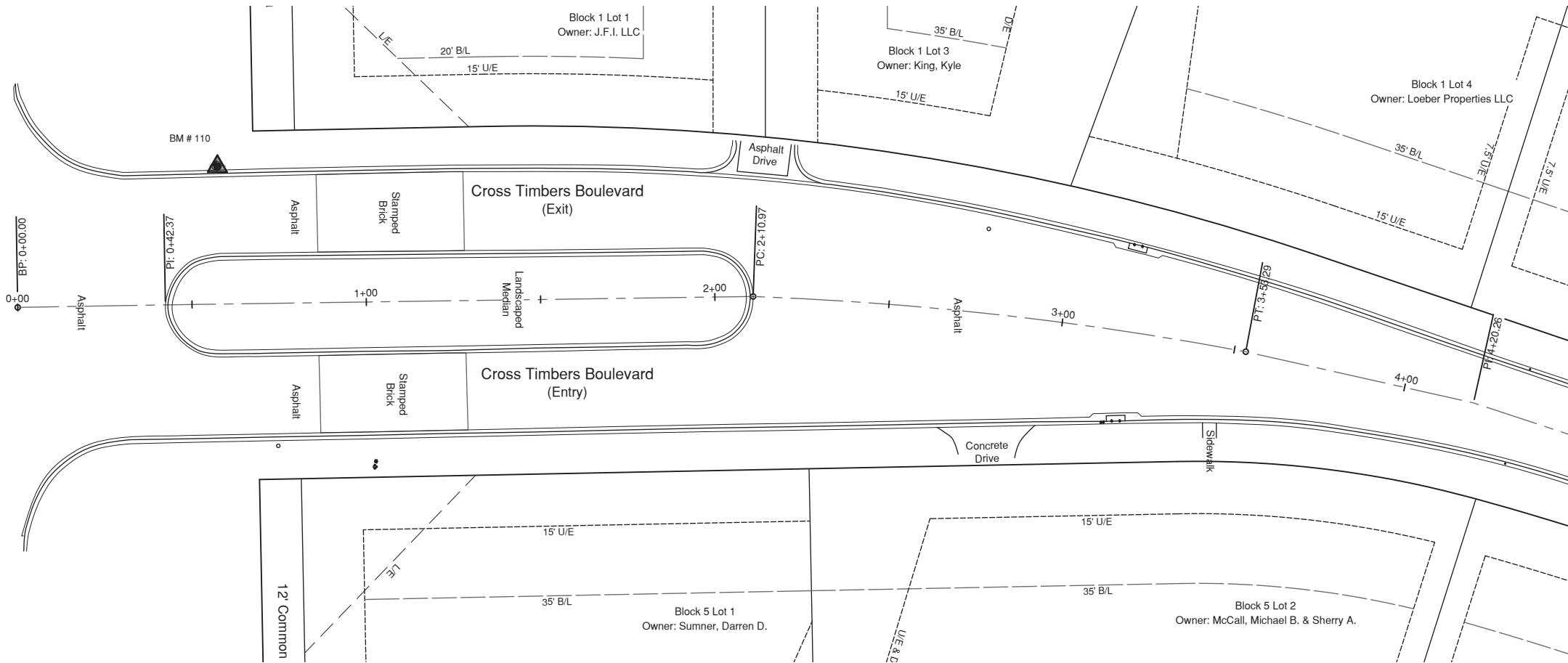
BEFORE
YOU DIG ...
1-800-522-6543
CALL OKIE



BEFORE
YOU DIG ...
1-800-522-6543
CALL OKIE

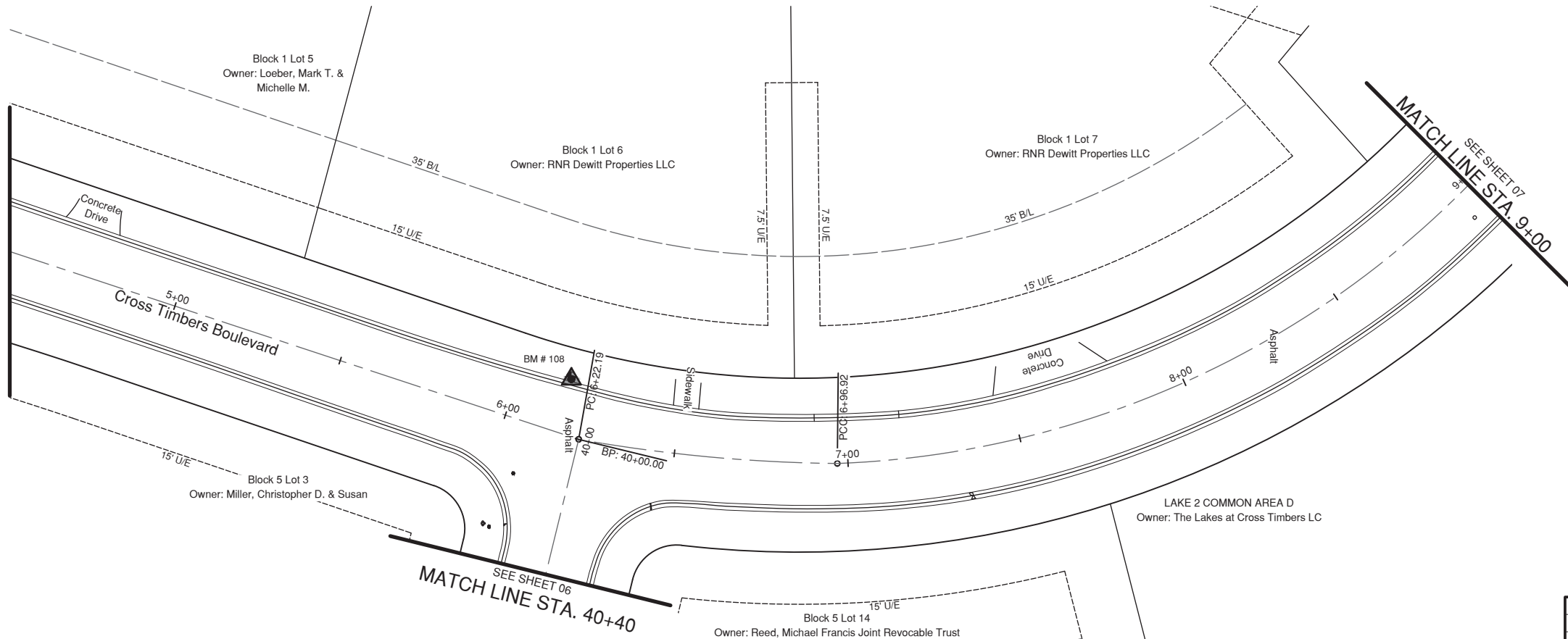
State Highway #117 (Taft Avenue - W. 121st St. S.)

South Line Section 32, T-18-N, R-12-E



SEE THIS SHEET
MATCH LINE STA. 4+50

SEE THIS SHEET
MATCH LINE STA. 4+50

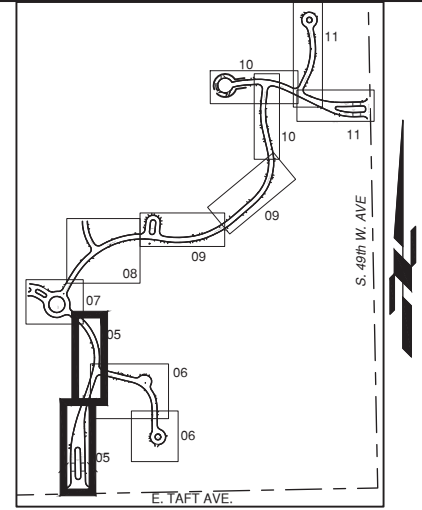


SEE SHEET 07
MATCH LINE STA. 9+00

SEE SHEET 06
MATCH LINE STA. 40+40



40 20 0 20
SCALE IN FEET



LOCATION MAP
N.T.S.

Benchmarks

Point	Northing	Easting	Elevation	Description
101	366979.76	2544927.11	754.84	5/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
102	366997.46	2544928.71	754.00	MAG Nail in Concrete Curb
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104	368027.32	2545741.67	815.95	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
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109	365877.15	2544948.88	751.02	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
110	365659.27	2544496.42	744.64	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"

Horizontal Datum: NAD83(2011)
Projection: Oklahoma State Plane Coordinate System North Zone 3501
Vertical Datum: NAVD88
All Coordinates and measurements in U.S. Survey Foot

HORIZONTAL AND VERTICAL CONTROL FOR THIS PROJECT ARE BASED ON THE FOLLOWING

ADS Benchmark Note
24-053 Cross Timbers

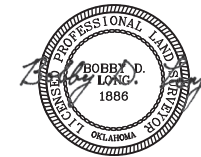
ADS Benchmark: Control Data Station 316

Northing: 365,514.20

Easting: 2,543,936.76

Elevation: 735.13

Description: 5/8" Rebar - 2" Aluminum Cap - flush, stamped "316", approximately 2160' west of the intersection of S. 49th W. Ave. and E. Highway #117, and approximately 45' south of the centerline of E. Highway #117.



SURVEY DATA (1 OF 7)

CROSS TIMEBERS BLVD

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

PLANS & ESTIMATES PREPARED BY:

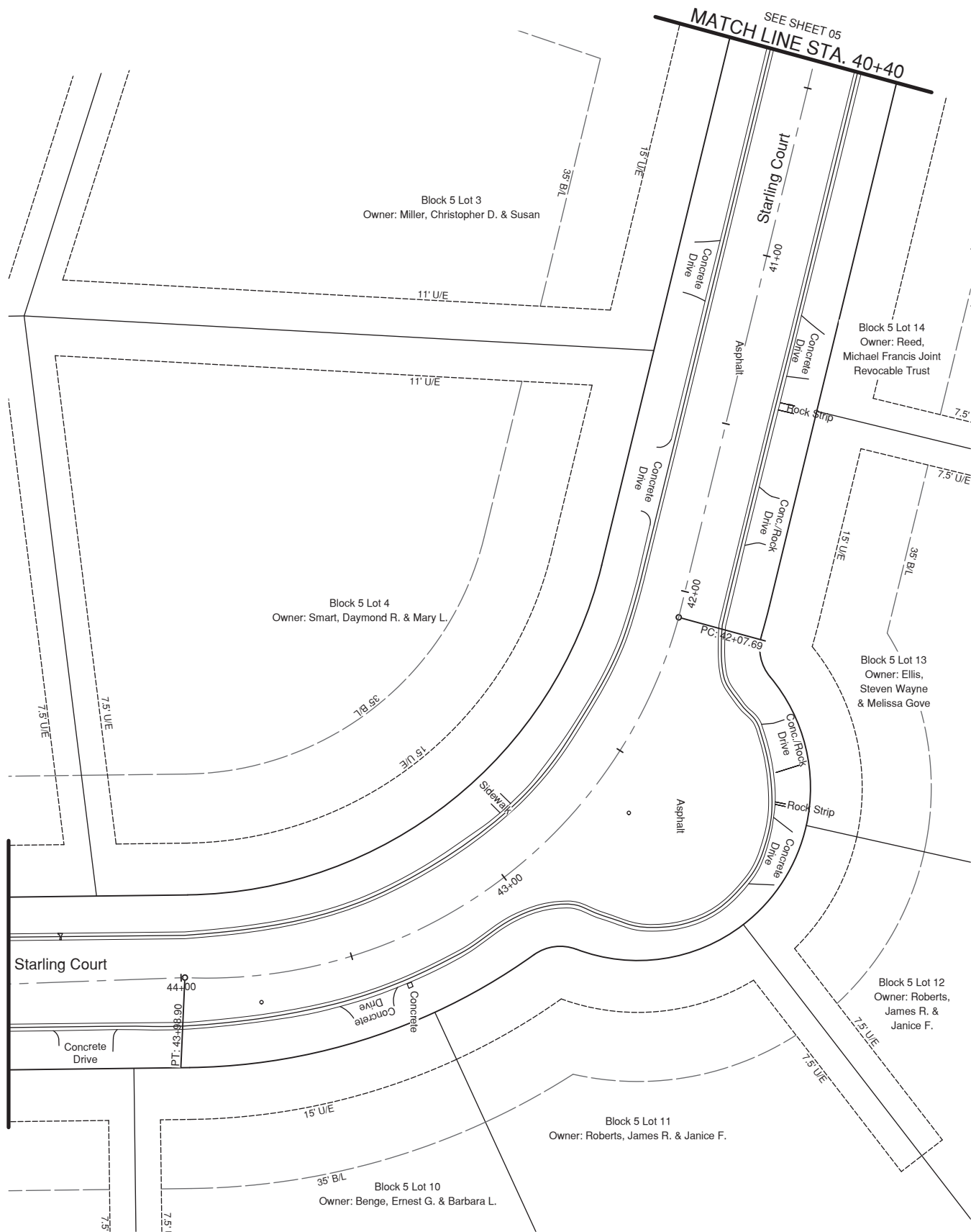
tep Tulsa Engineering & Planning Associates
9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

REVISION	BY	DATE	PLAN SCALE	DRAWN	CFJ	08/2024	APPROVED:
			1"=20'	DESIGNED	WSC	08/2024	
				SURVEY	BL	BL	
			PROFILE SCALE	PROJ. MGR.			
			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
				DESIGN MANAGER			CITY ENGINEER
			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 05 OF 30 SHEETS

G:\24-053\PLAN SET\24-053 SURVEY DATA-SHEET.dwg, 11/20/2024 - 2:14 PM



SEE THIS SHEET
MATCH LINE STA. 44+50



Benchmarks				
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Horizontal Datum: NAD83(2011)				
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Vertical Datum: NAVD88				
All Coordinates and measurements in U.S. Survey Foot				

HORIZONTAL AND VERTICAL CONTROL FOR THIS PROJECT ARE BASED ON THE FOLLOWING

ADS Benchmark Note
24-053 Cross Timbers

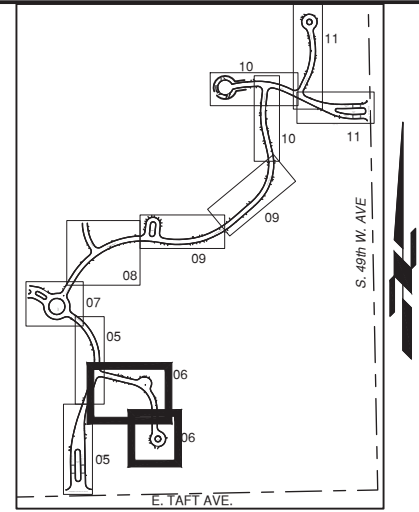
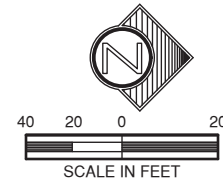
ADS Benchmark: Control Data Station 316

Northing: 365,514.20

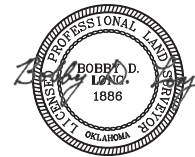
Easting: 2,543,936.76

Elevation: 735.13

Description: 5/8" Rebar – 2" Aluminum Cap – flush, stamped "316", approximately 2160' west of the intersection of S. 49th W. Ave. and E. Highway #117, and approximately 45' south of the centerline of E. Highway #117.



SEE THIS SHEET
MATCH LINE STA. 44+50



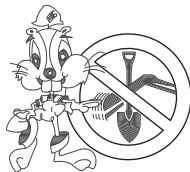
SURVEY DATA (2 OF 7)

CROSS TIMEBERS BLVD

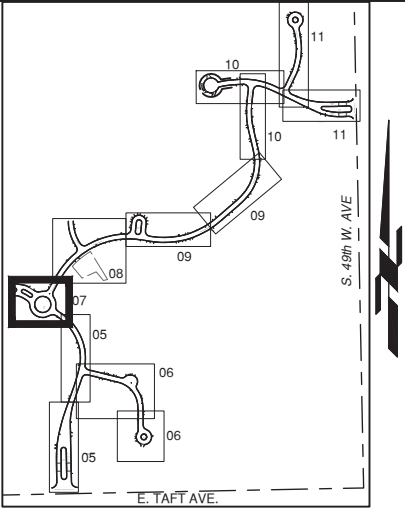
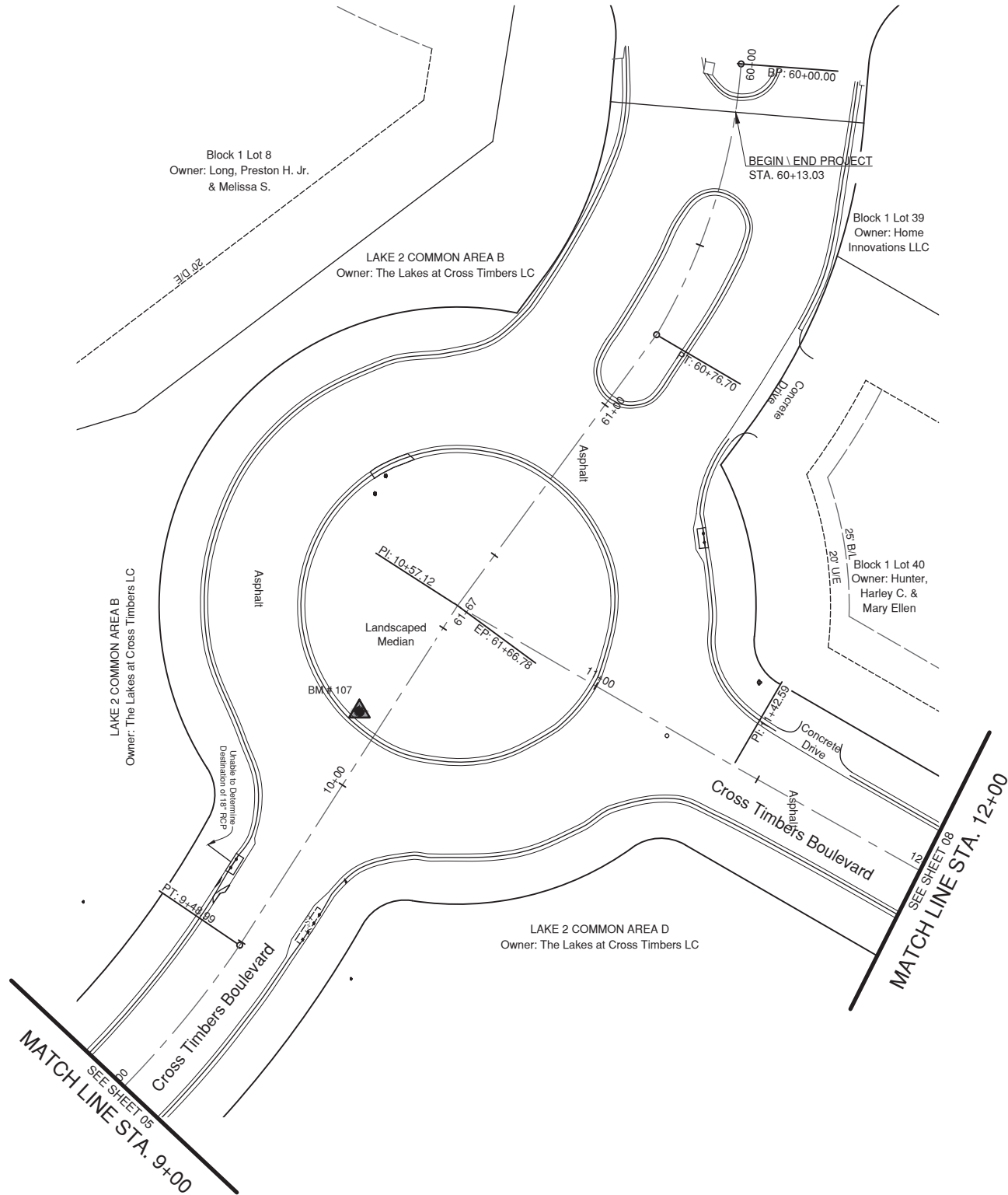
CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

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Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/L.S. Renewal Date June 30, 2023

REVISION	BY	DATE	PLAN SCALE	DRAWN	CFJ	08/2024	APPROVED:
			1"=20'	DESIGNED	WSC	08/2024	
				SURVEY	BL	BL	
			PROFILE SCALE	PROJ. MGR.			
			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
				DESIGN MANAGER			CITY ENGINEER
			FILE: _____	DRAWING: _____			DATE: _____
			ATLAS PAGE NO.: _____				SHEET _06_ OF _30_ SHEETS



BEFORE
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1-800-522-6543
CALL OKIE



LOCATION MAP
N.T.S.

Benchmarks

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Horizontal Datum: NAD83(2011)
Projection: Oklahoma State Plane Coordinate System North Zone 3501
Vertical Datum: NAVD88
All Coordinates and measurements in U.S. Survey Foot

HORIZONTAL AND VERTICAL CONTROL FOR THIS PROJECT ARE BASED ON THE FOLLOWING

ADS Benchmark Note
24-053 Cross Timbers

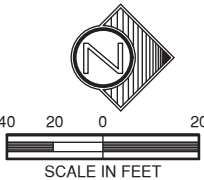
ADS Benchmark: Control Data Station 316

Northing: 365,514.20

Easting: 2,543,936.76

Elevation: 735.13

Description: 5/8" Rebar – 2" Aluminum Cap – flush, stamped "316", approximately 2160' west of the intersection of S. 49th W. Ave. and E. Highway #117, and approximately 45' south of the centerline of E. Highway #117.



SURVEY DATA (3 OF 7)

CROSS TIMEBERS BLVD

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

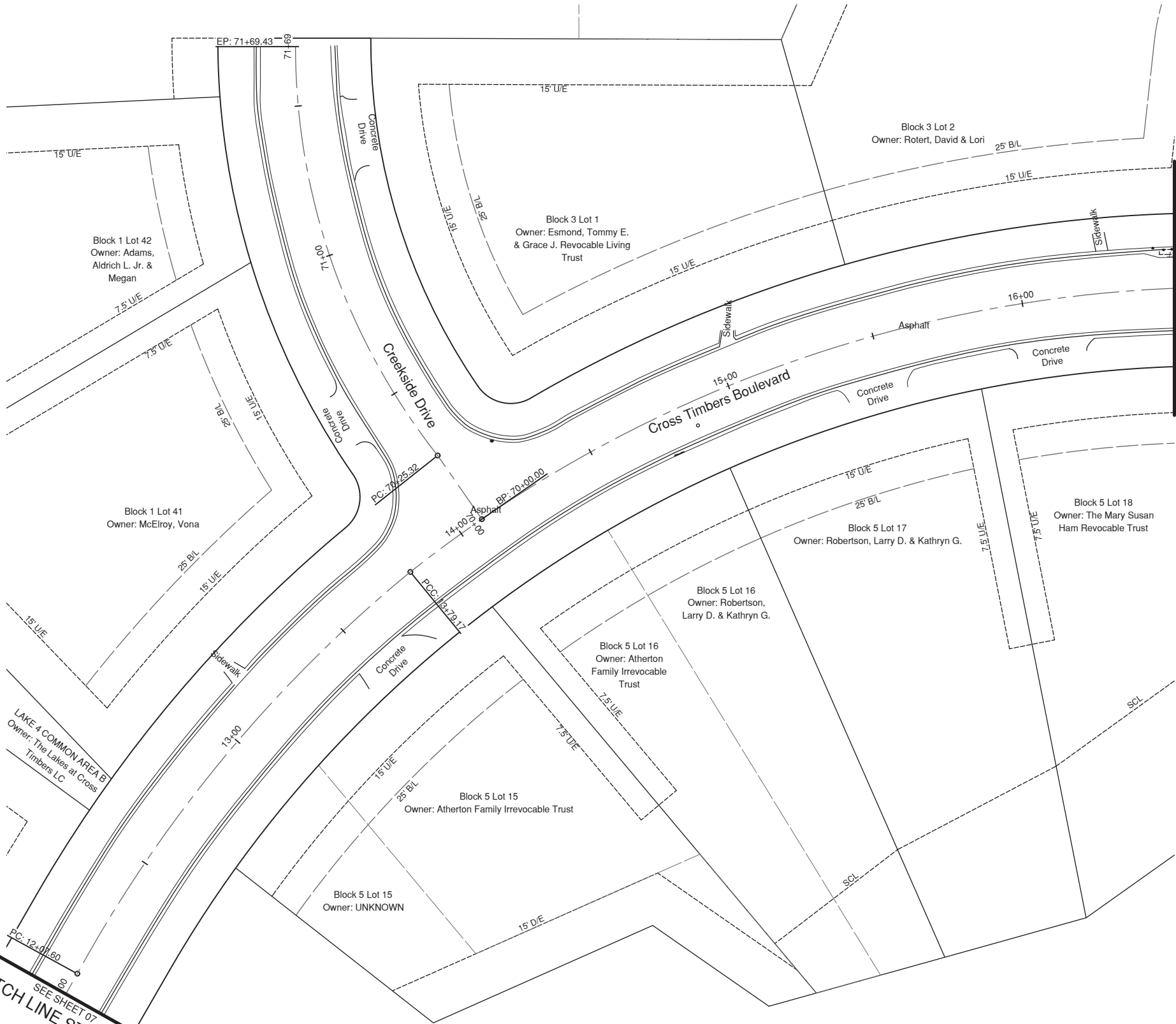
PLANS & ESTIMATES PREPARED BY:
tep Tulsa Engineering & Planning Associates
9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

REVISION	BY	DATE	PLAN SCALE	DRAWN	CFJ	08/2024	APPROVED:
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				SURVEY	BL	BL	
			PROFILE SCALE	PROJ. MGR.			
			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
				DESIGN MANAGER			CITY ENGINEER
			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET _07_ OF _30_ SHEETS



LAKE 4 COMMON AREA B
Owner: The Lakes at Cross
Timbers LC

PC: 12+00.60
SEE SHEET 07
MATCH LINE STA. 12+00



SEE SHEET 09
MATCH LINE STA. 16+50

Benchmarks				
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All Coordinates and measurements in U.S. Survey Foot				

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ADS Benchmark Note

24-053 Cross Timbers

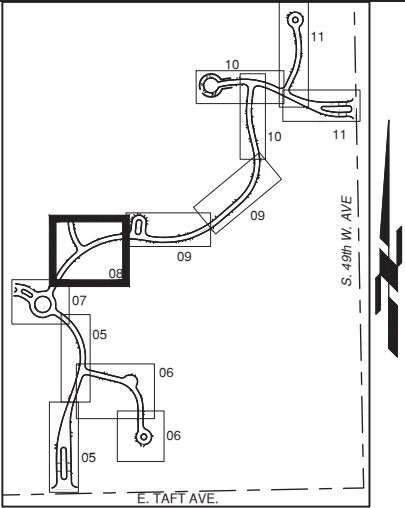
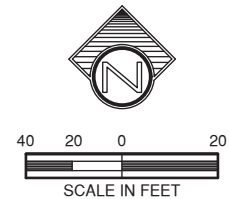
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Elevation: 735.13

Description: 5/8" Rebar – 2" Aluminum Cap – flush, stamped "316", approximately 2160' west of the intersection of S. 49th W. Ave. and E. Highway #117, and approximately 45' south of the centerline of E. Highway #117.



LOCATION MAP
N.T.S.



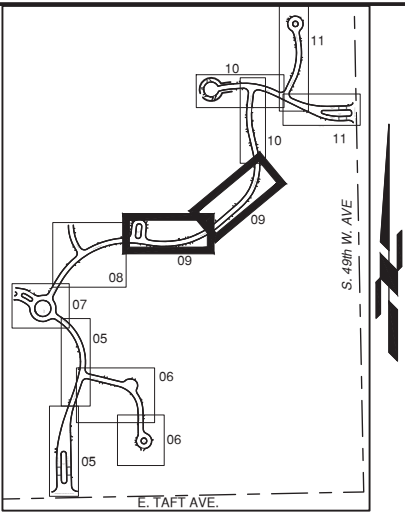
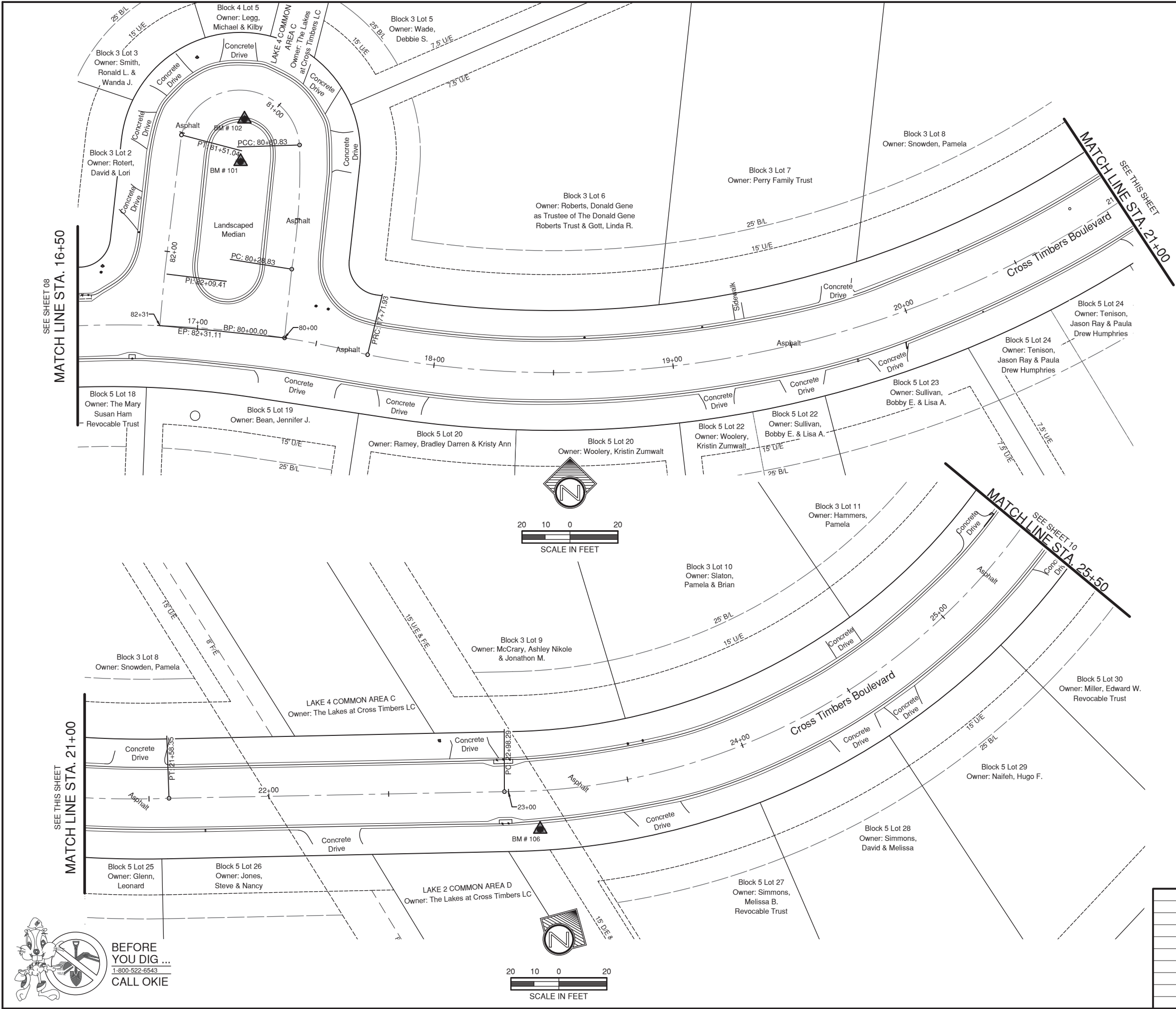
SURVEY DATA (4 OF 7)

CROSS TIMEBERS BLVD

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
tep Tulsa Engineering & Planning Associates
9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

REVISION			BY	DATE	PLAN SCALE			CFJ			APPROVED:		
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					SURVEY	BL	BL						
					PROFILE SCALE	PROJ. MGR.							
					HORIZONTAL:	LEAD ENGR.							
						FIELD MGR.							
					VERTICAL:	RECOMMENDED:							
						DESIGN MANAGER						CITY ENGINEER	
					FILE:				DRAWING:				DATE:
					ATLAS PAGE NO.:								SHEET _08_ OF _30_ SHEETS



Benchmarks

Point	Northing	Easting	Elevation	Description
101	366979.76	2544927.11	754.84	5/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
102	366997.46	2544928.71	754.00	MAG Nail in Concrete Curb
103	367572.48	2546018.16	787.27	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
104	368027.32	2545741.67	815.95	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
105	367731.19	2545505.21	802.77	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
106	367087.44	2545467.06	764.28	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
107	366530.41	2544454.15	730.70	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
108	366209.41	2544609.72	748.11	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
109	365877.15	2544948.88	751.02	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
110	365659.27	2544496.42	744.64	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"

Horizontal Datum: NAD83(2011)
Projection: Oklahoma State Plane Coordinate System North Zone 3501
Vertical Datum: NAVD88
All Coordinates and measurements in U.S. Survey Foot

HORIZONTAL AND VERTICAL CONTROL FOR THIS PROJECT ARE BASED ON THE FOLLOWING

ADS Benchmark Note
24-053 Cross Timbers

ADS Benchmark: Control Data Station 316

Northing: 365,514.20

Easting: 2,543,936.76

Elevation: 735.13

Description: 5/8" Rebar – 2" Aluminum Cap – flush, stamped "316", approximately 2160' west of the intersection of S. 49th W. Ave. and E. Highway #117, and approximately 45' south of the centerline of E. Highway #117.



SURVEY DATA (5 OF 7)

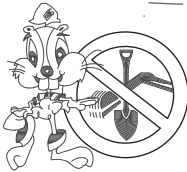
CROSS TIMEBERS BLVD

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

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tep Tulsa Engineering & Planning Associates
9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
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Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

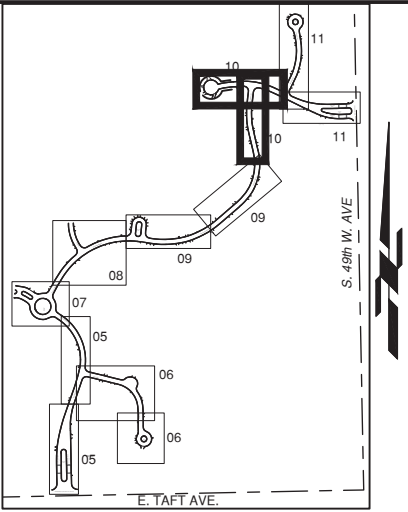
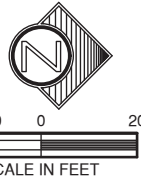
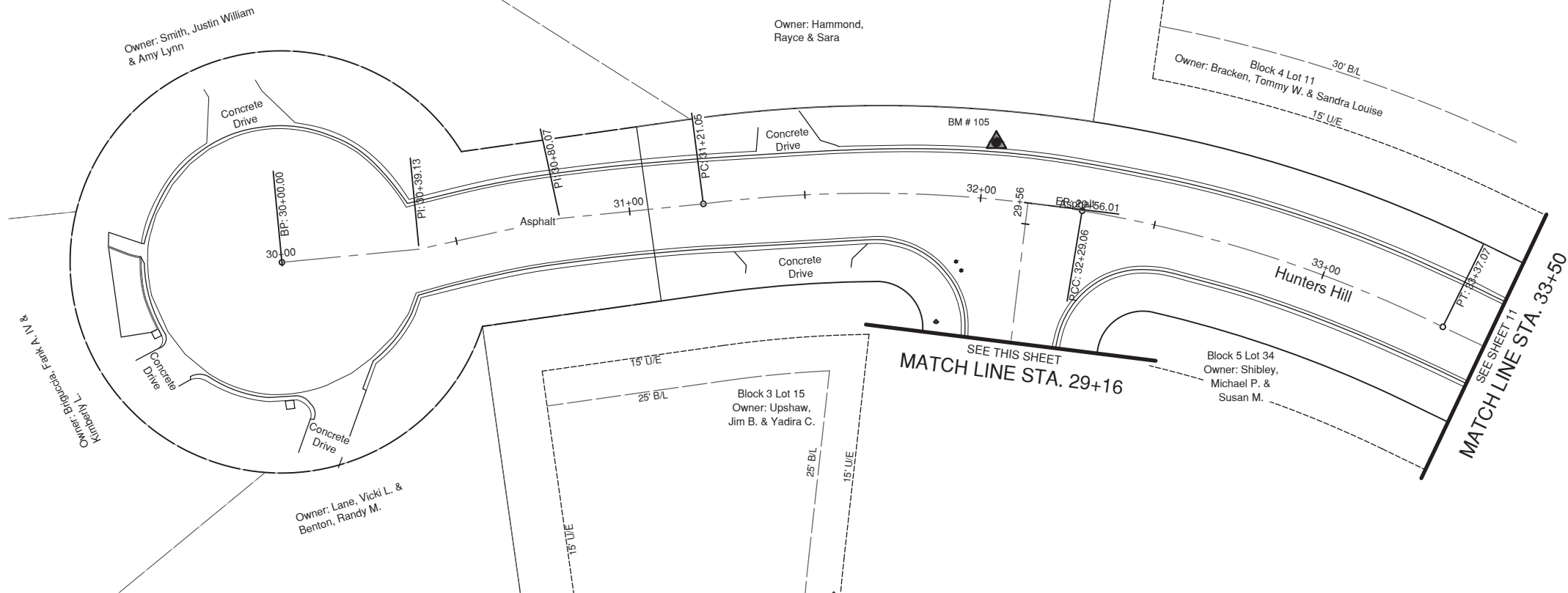
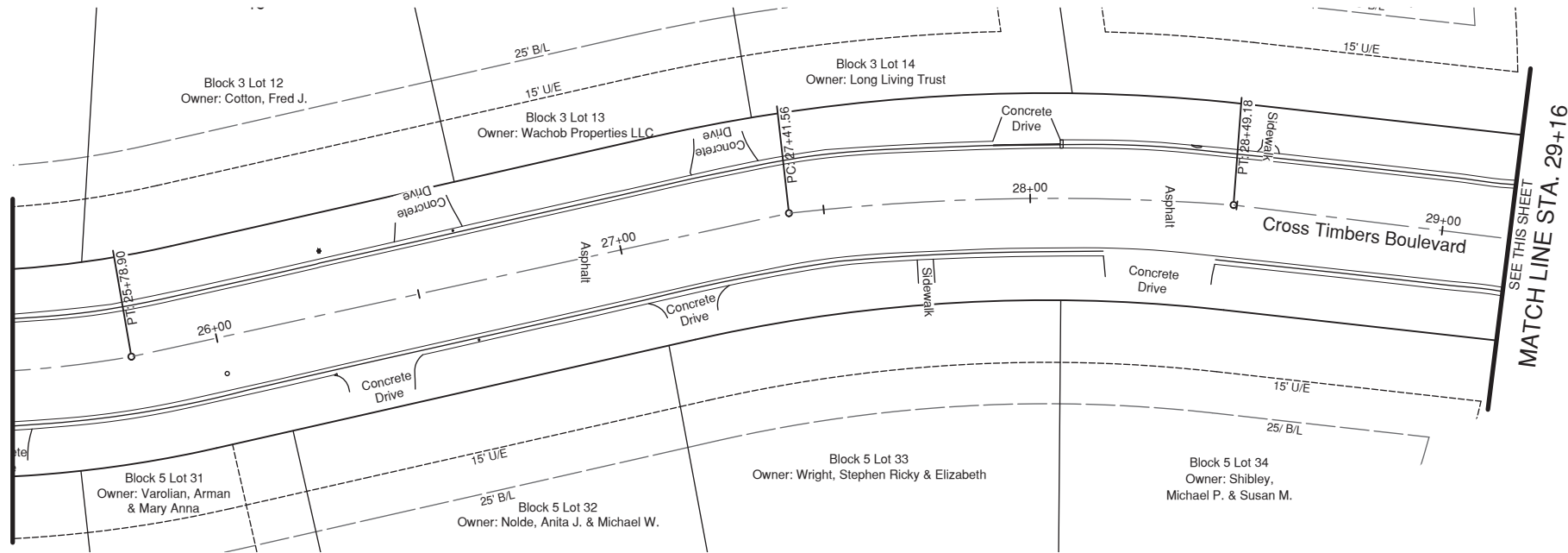
REVISION	BY	DATE	PLAN SCALE	DRAWN	CFJ	08/2024	APPROVED:
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				SURVEY	BL	BL	
			PROFILE SCALE	PROJ. MGR.			
			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
				DESIGN MANAGER			CITY ENGINEER
			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 09 OF 30 SHEETS



BEFORE
YOU DIG ...
1-800-522-6543
CALL OKIE

SEE SHEET 09

MATCH LINE STA. 25+50



LOCATION MAP
N.T.S.

Benchmarks

Point	Northing	Easting	Elevation	Description
101	366979.76	2544927.11	754.84	5/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
102	366997.46	2544928.71	754.00	MAG Nail in Concrete Curb
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Horizontal Datum: NAD83(2011)
Projection: Oklahoma State Plane Coordinate System North Zone 3501
Vertical Datum: NAVD88
All Coordinates and measurements in U.S. Survey Foot

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SURVEY DATA (6 OF 7)

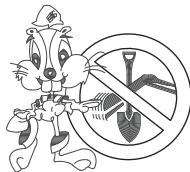
CROSS TIMEBERS BLVD

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

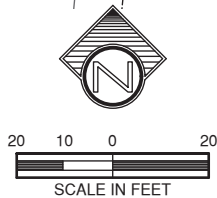
PLANS & ESTIMATES PREPARED BY:

tep Tulsa Engineering & Planning Associates
9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

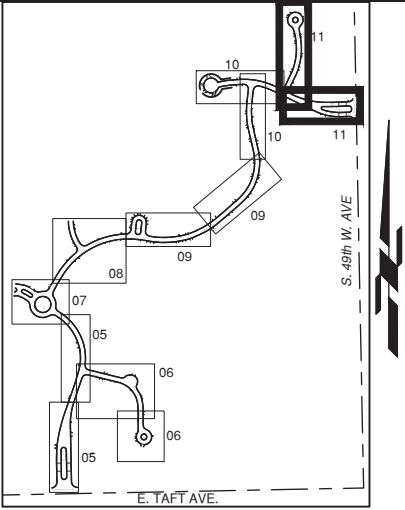
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			1"=20'																								



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YOU DIG ...
1-800-522-6543
CALL OKIE



G:\24-053\PLAN SET\24-053 SURVEY DATA-SHEET.dwg, 11/20/2024 - 2:14 PM



LOCATION MAP
N.T.S.

Benchmarks

Point	Northing	Easting	Elevation	Description
101	366979.76	2544927.11	754.84	5/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
102	366997.46	2544928.71	754.00	MAG Nail in Concrete Curb
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SURVEY DATA (7 OF 7)

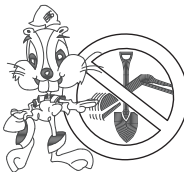
CROSS TIMEBERS BLVD

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

PLANS & ESTIMATES PREPARED BY:

tep Tulsa Engineering & Planning Associates
9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

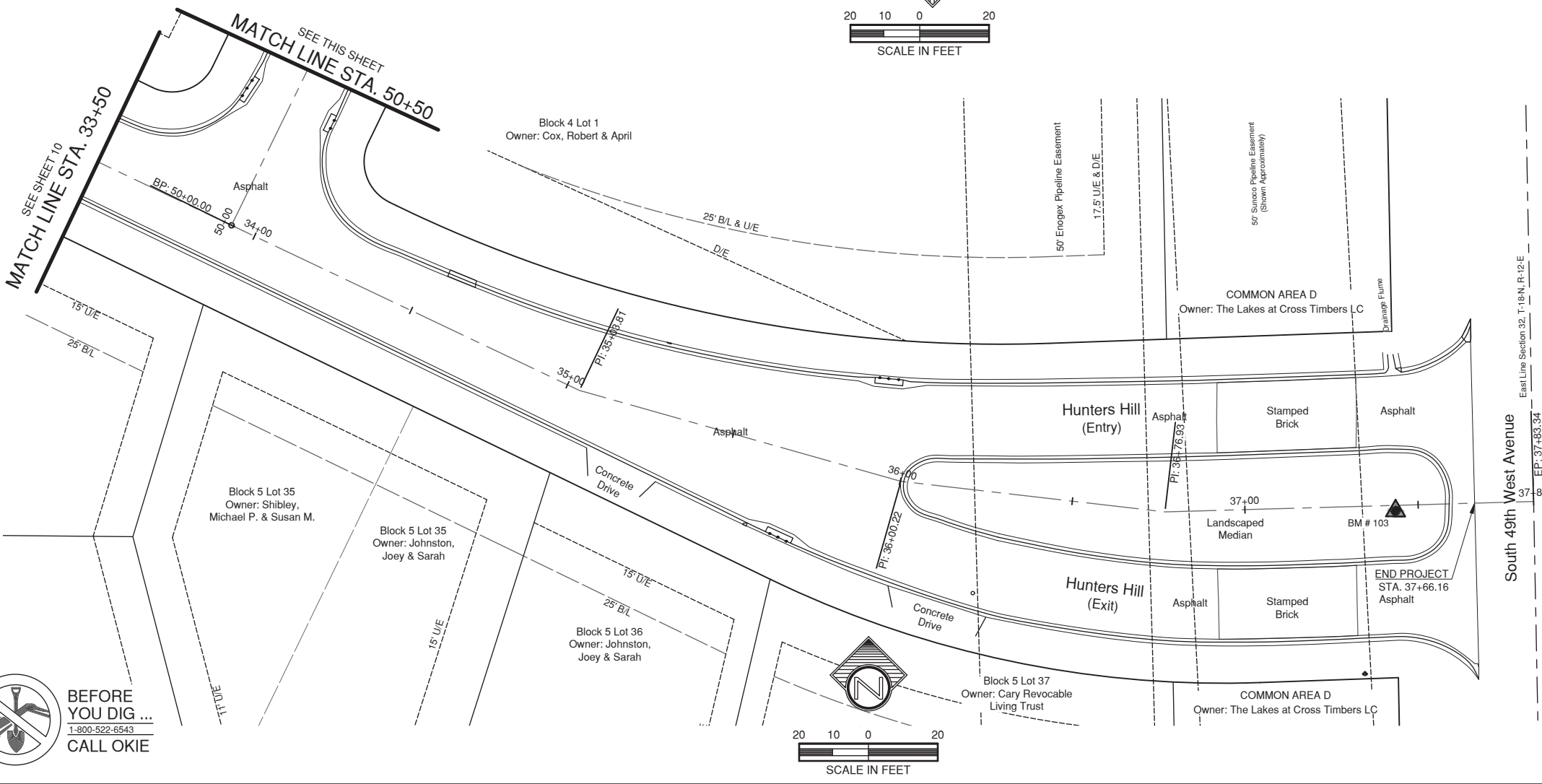
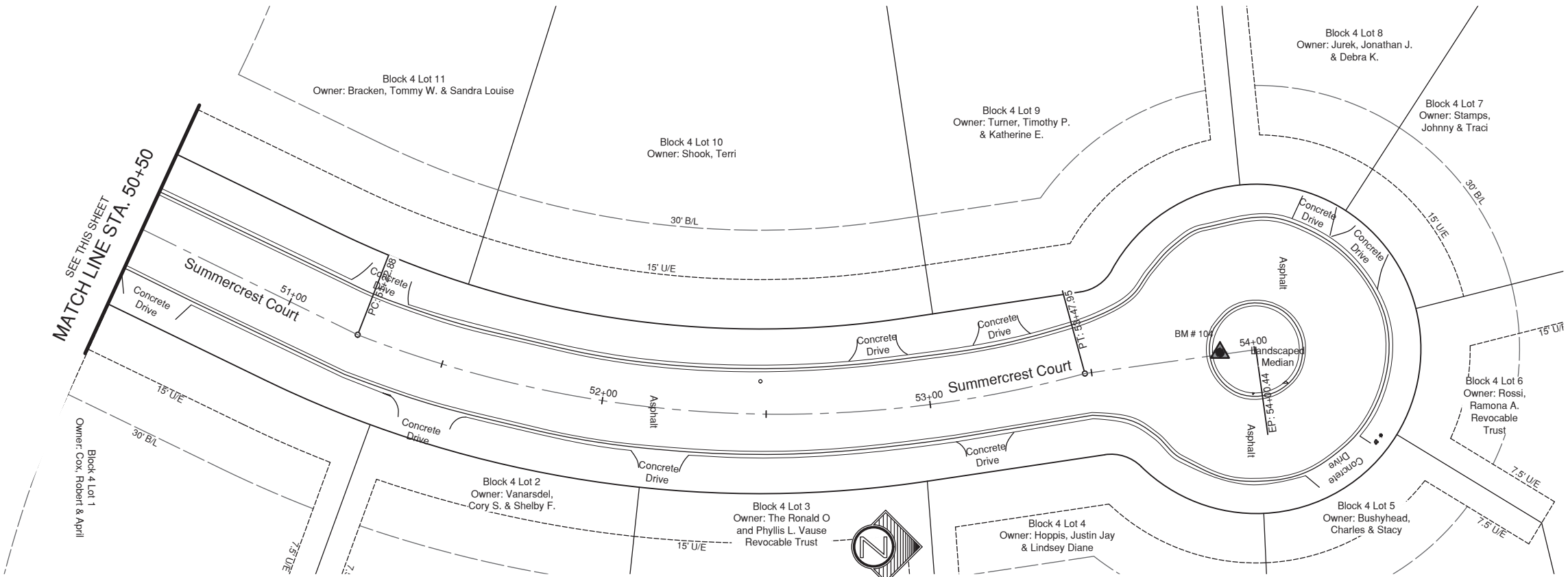
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			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
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				DESIGN MANAGER			CITY ENGINEER
			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 11 OF 30 SHEETS



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CALL OKIE



20 10 0 20
SCALE IN FEET



South 49th West Avenue
East Line Section 32, T:18N, R:12E
EP: 37+83.34

STORM WATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION

EROSION AND SEDIMENT CONTROLS

PROJECT LIMITS: CROSS TIMBERS BLVD FROM ST HWY 117 (TAFT ROAD) (W 121ST STREET S) TO SOUTH 49th WEST AVE.

PROJECT DESCRIPTION: FULL DEPTH REMOVAL AND REPLACEMENT FROM GUTTER TO GUTTER

- SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES:
- 1. EROSION CONTROL
 - 2. REPLACE CURB AND GUTTER AS NEEDED
 - 3. FULL DEPTH REMOVAL AND REPLACEMENT FROM GUTTER TO GUTTER
 - 4. INSTALL SOLID SLAB SODDING
 - 5. REMOVAL OF TEMPORARY MEASURES AND SITE CLEANUP

SOIL TYPE: COLLINSVILLE AND TALIHINA SOIL, BIGHEART-NIOTAZE-ROCK OUTCROP COMPLEX

AREA TO BE DISTURBED: 3.43 AC

OFFSITE AREA TO BE DISTURBED: (FOR CONTRACTOR USE)

MAXIMUM ACRES TO BE DISTURBED AT ANY ONE TIME: (FOR CONTRACTOR USE)

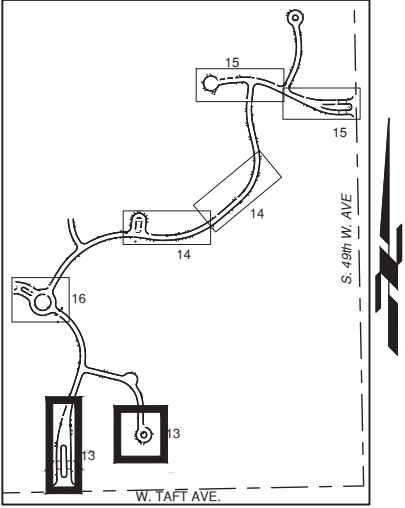
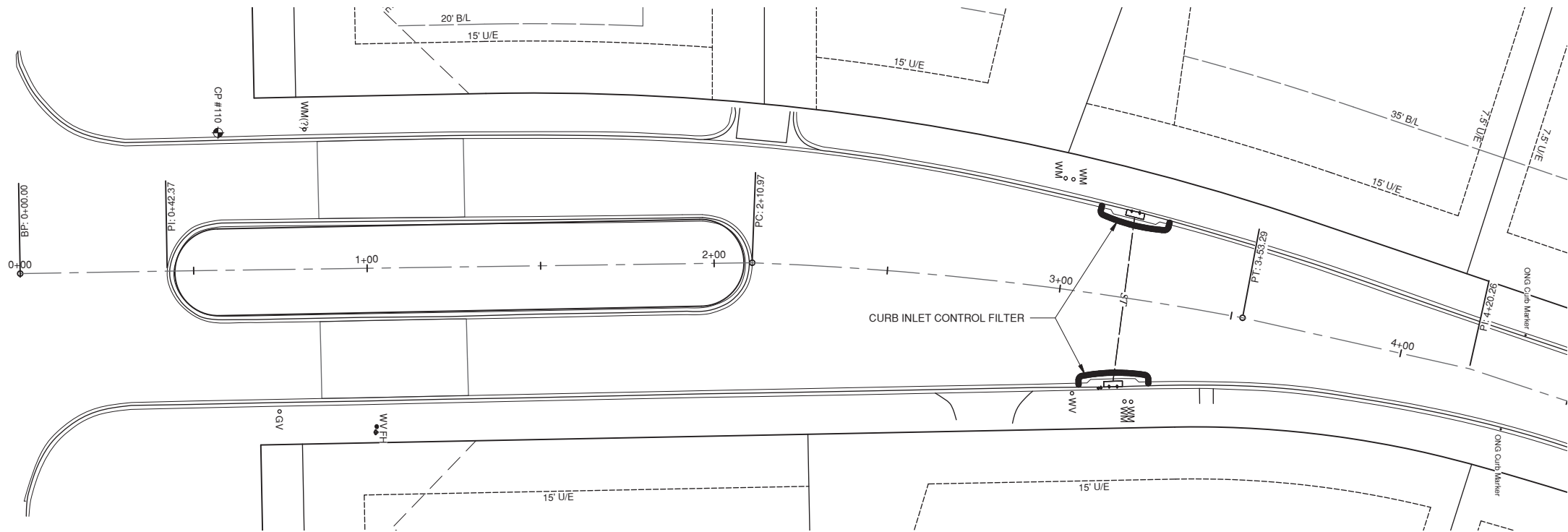
LATITUDE & LONGITUDE OF CENTER OF PROJECT: LATITUDE 35° 59' 31.23"N, LONGITUDE 96° 3' 3.76"W

NAME OF RECEIVING WATERS: POLECAT CREEK

SENSITIVE WATERS OR WATERSHEDS: YES NO


303(d) IMPAIRED WATERS: YES NO

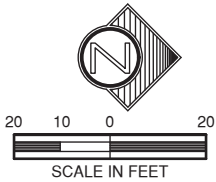
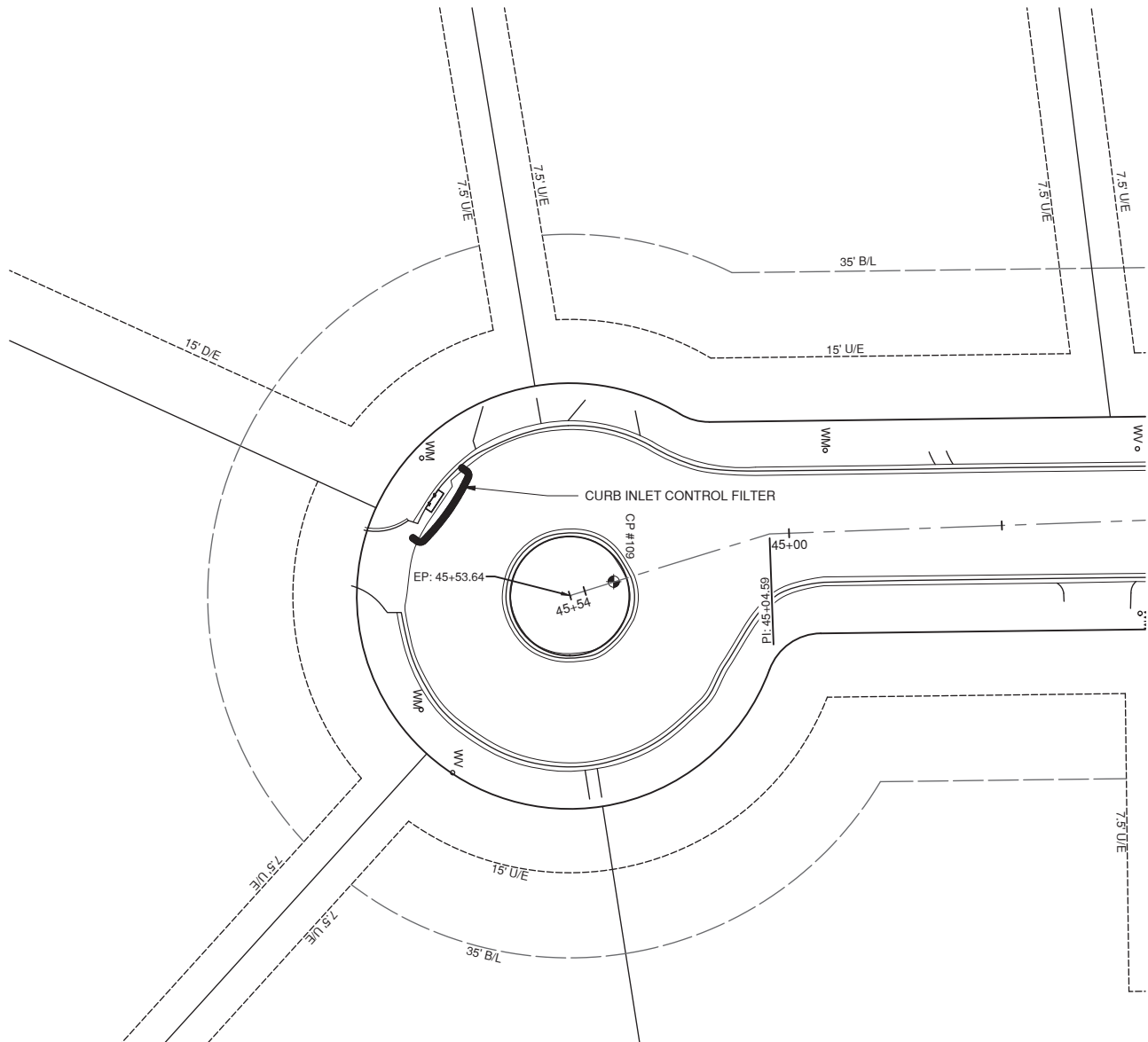
NOTE:
THIS SHEET SHOULD BE USED IN CONJUNCTION WITH A DRAINAGE MAP THAT ILLUSTRATES THE DRAINAGE PATTERNS/PATHWAYS AND RECEIVING WATERS FOR THIS PROJECT. THIS SHEET SHOULD ALSO BE USED WITH THE EROSION CONTROL SUMMARIES, PAY ITEMS, & NOTES.



LOCATION MAP
N.T.S.

Legend

-  Cast Iron Curb Inlet Control Filter
-



EROSION CONTROL PLAN (1 OF 4)

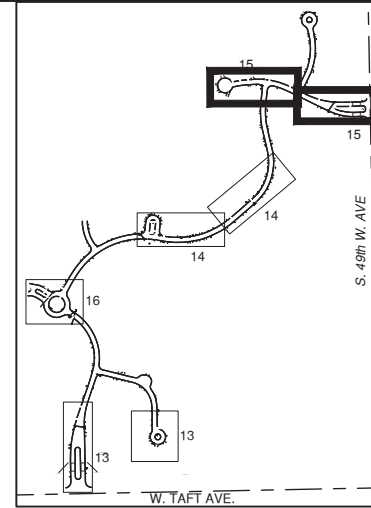
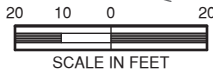
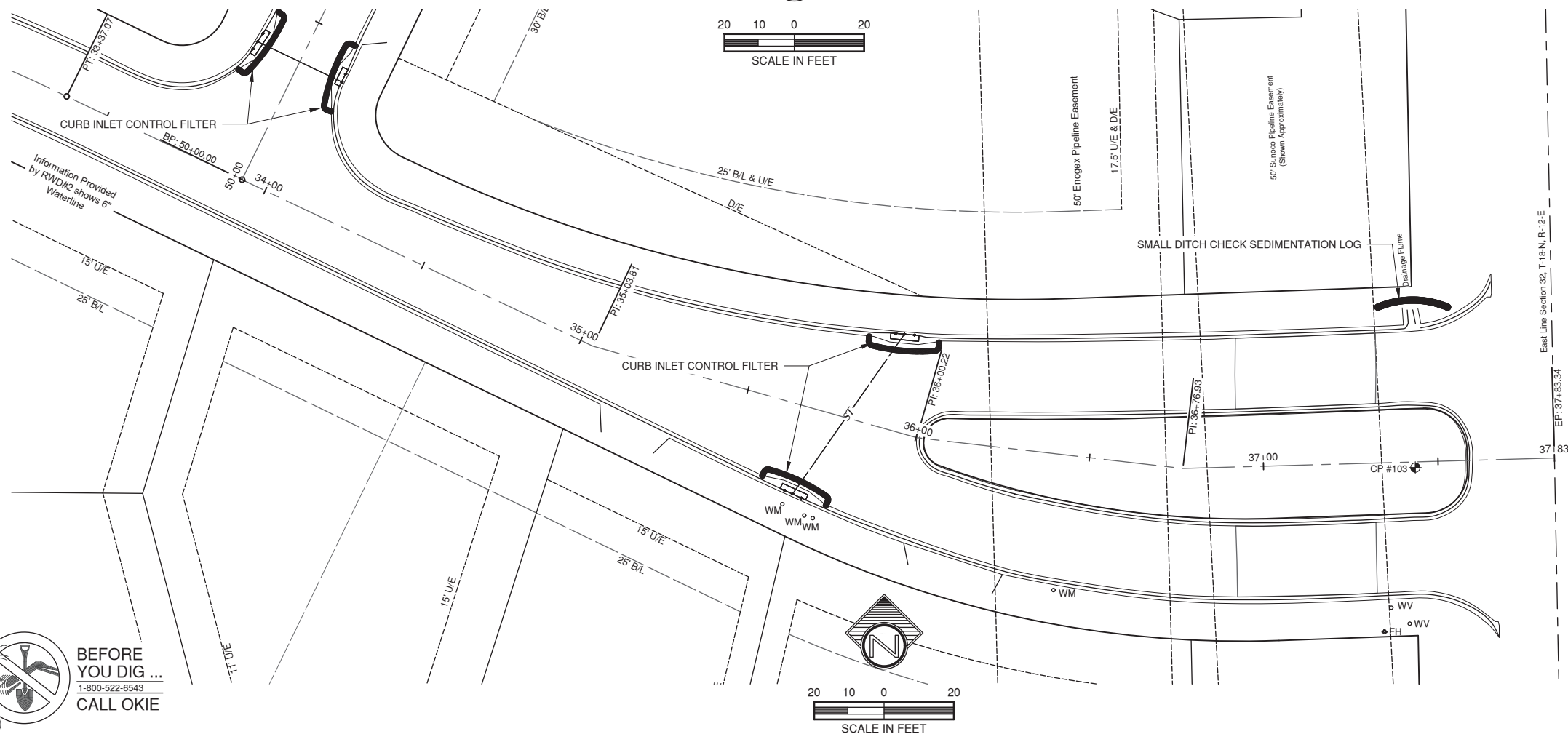
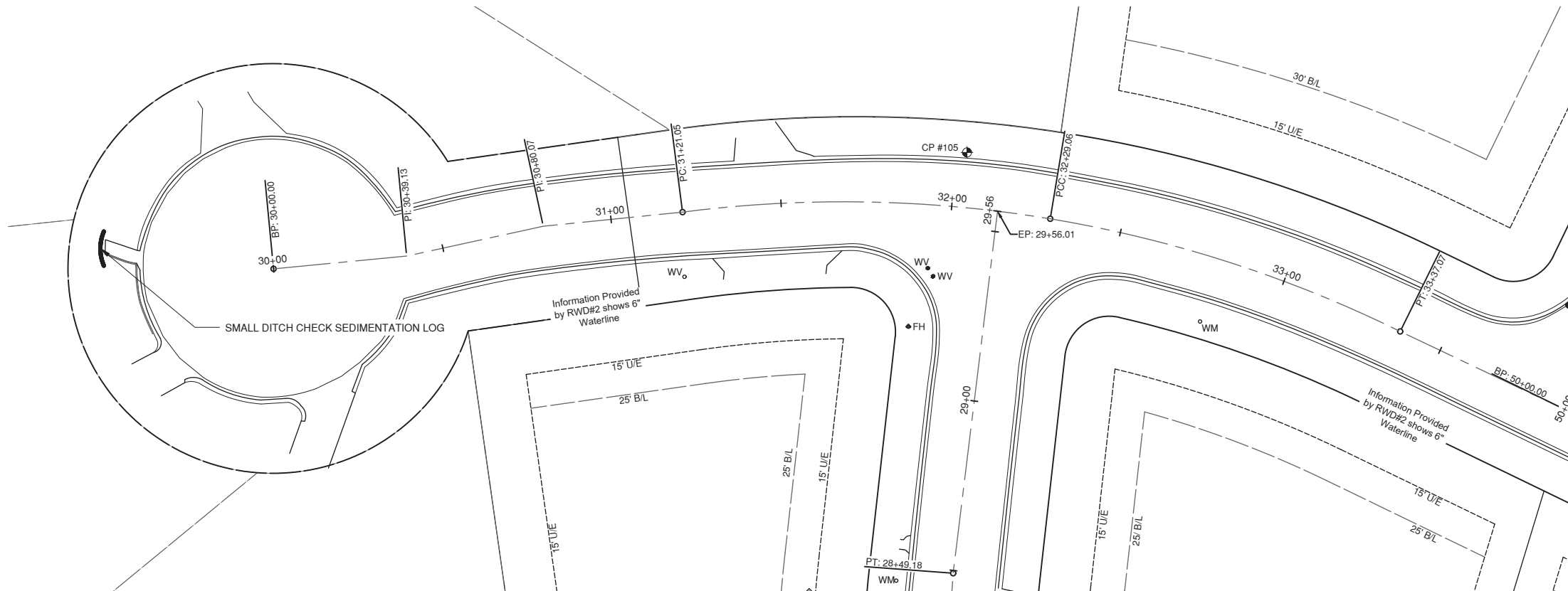
CROSS TIMEBERS BLVD

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
tep Tulsa Engineering & Planning Associates
9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/L.S. Renewal Date June 30, 2023

REVISION	BY	DATE	PLAN SCALE	DRAWN	CFU	08/2024	APPROVED:
			1"=20'	DESIGNED	WSC	08/2024	
				SURVEY	BL	08/2024	
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			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
				DESIGN MANAGER			CITY ENGINEER
			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 13 OF 30 SHEETS





LOCATION MAP
N.T.S.

Legend



Cast Iron Curb Inlet Control Filter
Small Ditch Check with 9" Dia. Sedimentation Logs



11/11/2024

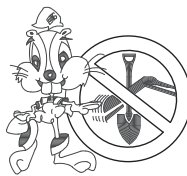
EROSION CONTROL PLAN (3 OF 4)

CROSS TIMEBERS BLVD

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

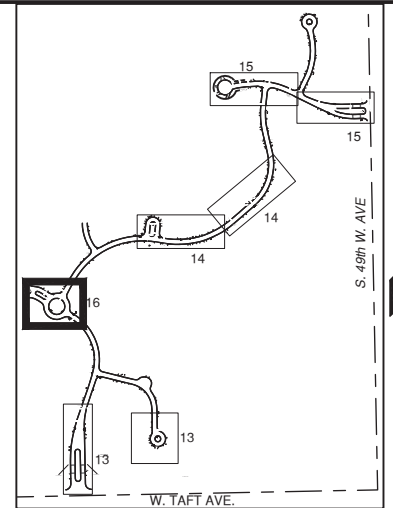
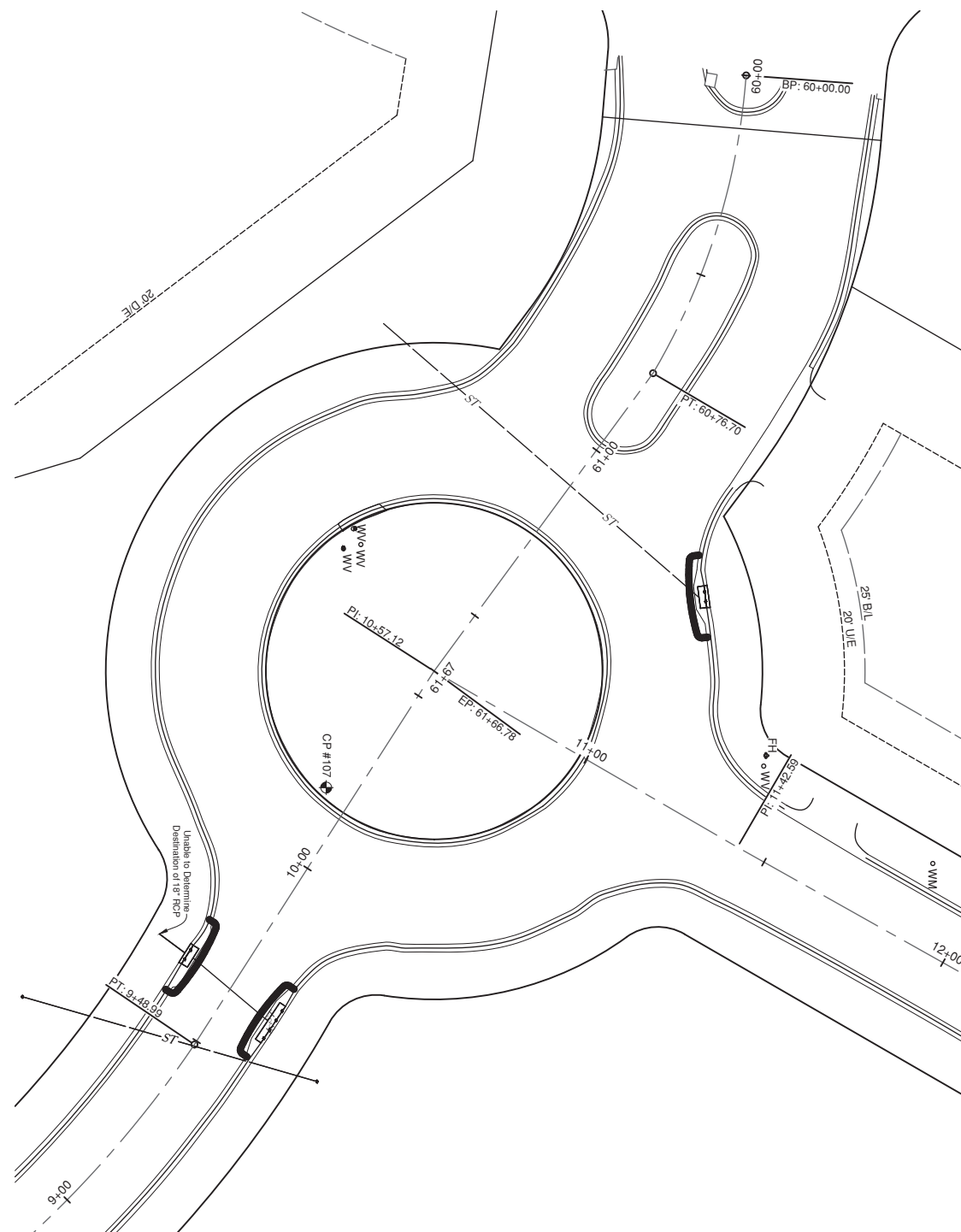
PLANS & ESTIMATES PREPARED BY:
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Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

REVISION	BY	DATE	PLAN SCALE	DRAWN	CFU	08/2024	APPROVED:
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				SURVEY	BL	08/2024	
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				FIELD MGR.			
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				DESIGN MANAGER			CITY ENGINEER
			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 15 OF 30 SHEETS



BEFORE
YOU DIG ...
1-800-522-6543
CALL OKIE

G:\24-053\PLAN SET\24-053 EROS-SHEET.dwg, 11/12/2024 - 1:05 PM



LOCATION MAP
N.T.S.

Legend



Cast Iron Curb Inlet Control Filter

Small Ditch Check with 9" Dia. Sedimentation Logs



11/11/2024

EROSION CONTROL PLAN (4 OF 4)

CROSS TIMEBERS BLVD

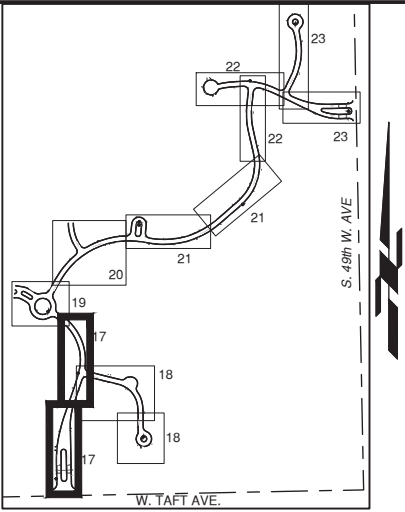
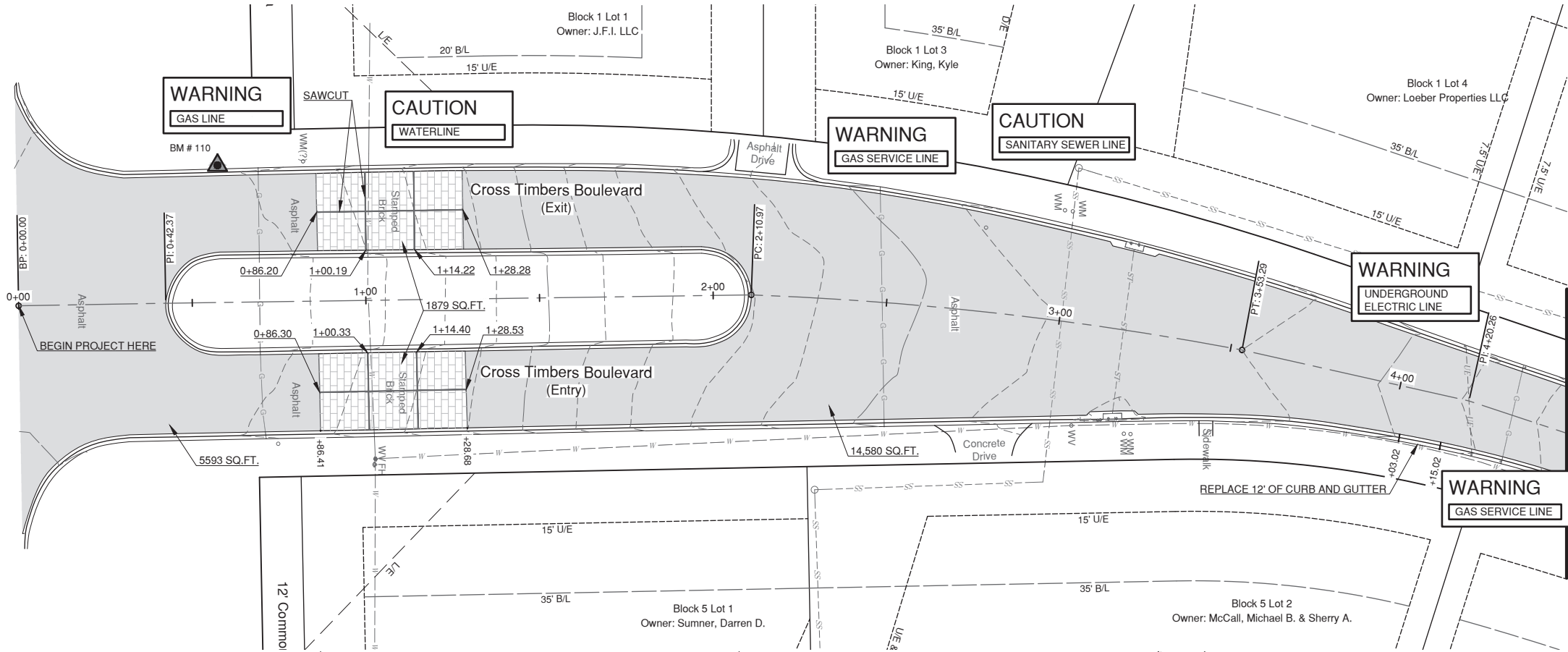
CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

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9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2010

City of Richmond Form No. 501 - 12/2013 (Rev. 01/16) Date June 20, 2016										
REVISION	BY	DATE	PLAN SCALE	DRAWN	CFJ	08/2024	APPROVED:			
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				FIELD MGR.						
			VERTICAL:	RECOMMENDED:			CITY ENGINEER			
				DESIGN MANAGER						
			FILE: _____			DRAWING: _____			DATE: _____	
			ATLAS PAGE NO.:						SHEET 16 OF 30 SHEETS	

3/24/24 05:21 PM AN SET 24_052 EROS SHEET Aug 11/12/2024 1:05 PM



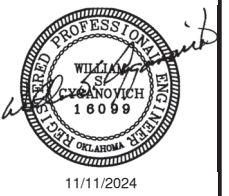
HATCH LEGEND:

	ASPHALT PAVING
	STAMPED CONCRETE

Benchmarks

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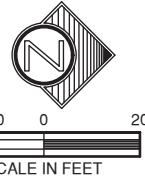
Horizontal Datum: NAD83(2011)
Projection: Oklahoma State Plane Coordinate System North Zone 3501
Vertical Datum: NAVD88
All Coordinates and measurements in U.S. Survey Foot



SEE THIS SHEET
MATCH LINE STA. 4+50

SEE THIS SHEET
MATCH LINE STA. 9+00

SEE THIS SHEET
MATCH LINE STA. 40+40



ROADWAY PLAN (1 OF 7)

CROSS TIMEBERS BLVD

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

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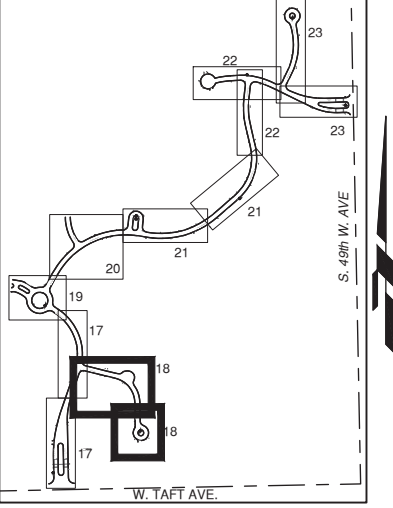
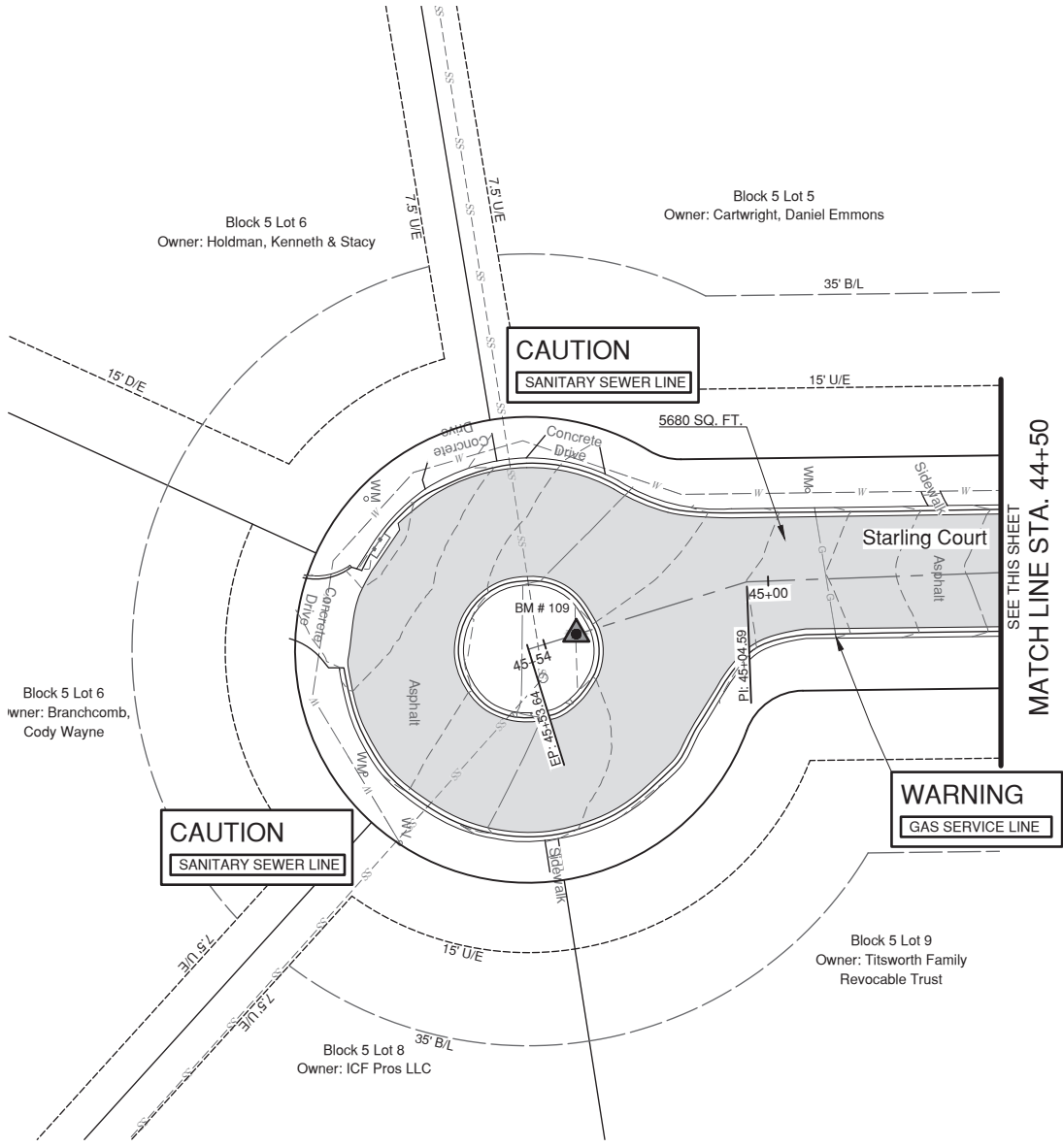
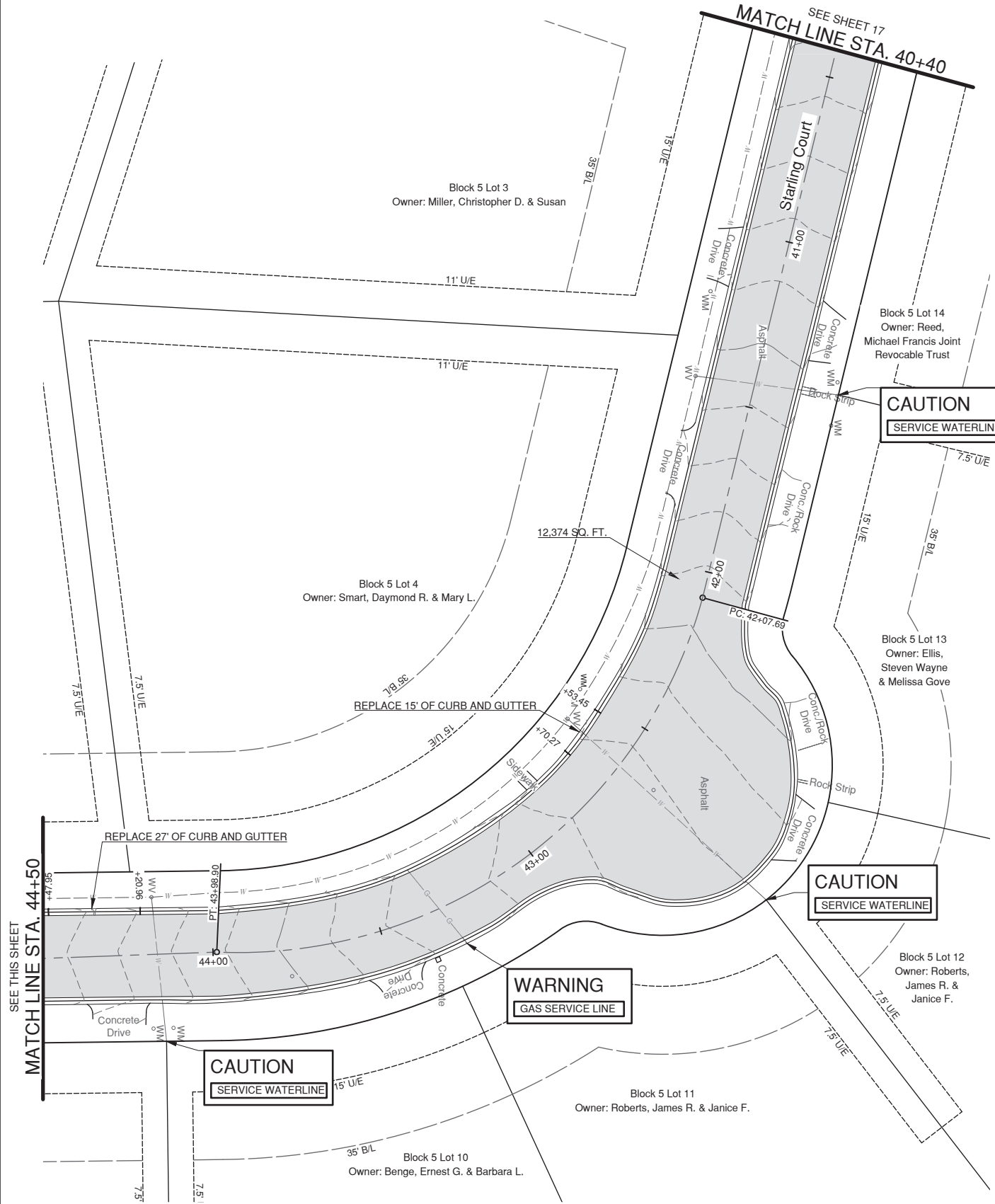
REVISION	BY	DATE

PLAN SCALE	CFU	08/2024	APPROVED:
1"=20'	DESIGNED	WSC	08/2024
	SURVEY	BL	08/2024

PROFILE SCALE	PROJ. MGR.		
HORIZONTAL:	LEAD ENGR.		
	FIELD MGR.		
VERTICAL:	RECOMMENDED:		
	DESIGN MANAGER		CITY ENGINEER

FILE:	DRAWING:	DATE:
ATLAS PAGE NO.:		SHEET 17 OF 30 SHEETS





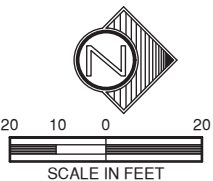
HATCH LEGEND:

[Hatched Box]	ASPHALT PAVING
[Grid Box]	STAMPED CONCRETE

Benchmarks

Point	Northing	Easting	Elevation	Description
101	366979.76	2544927.11	754.84	5/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
102	366997.46	2544928.71	754.00	MAG Nail in Concrete Curb
103	367572.48	2546018.16	787.27	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
104	368027.32	2545741.67	815.95	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
105	367731.19	2545505.21	802.77	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
106	367087.44	2545467.06	764.28	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
107	366530.41	2544454.15	730.70	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
108	366209.41	2544609.72	748.11	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
109	365877.15	2544948.88	751.02	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
110	365659.27	2544496.42	744.64	3/8" Steel Pin with Orange Cap Stamped "TEP CTRL"

Horizontal Datum: NAD83(2011)
Projection: Oklahoma State Plane Coordinate System North Zone 3501
Vertical Datum: NAVD88
All Coordinates and measurements in U.S. Survey Foot



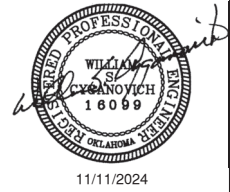
ROADWAY PLAN (2 OF 7)

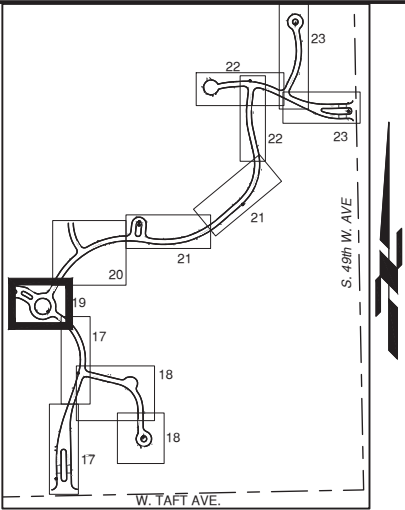
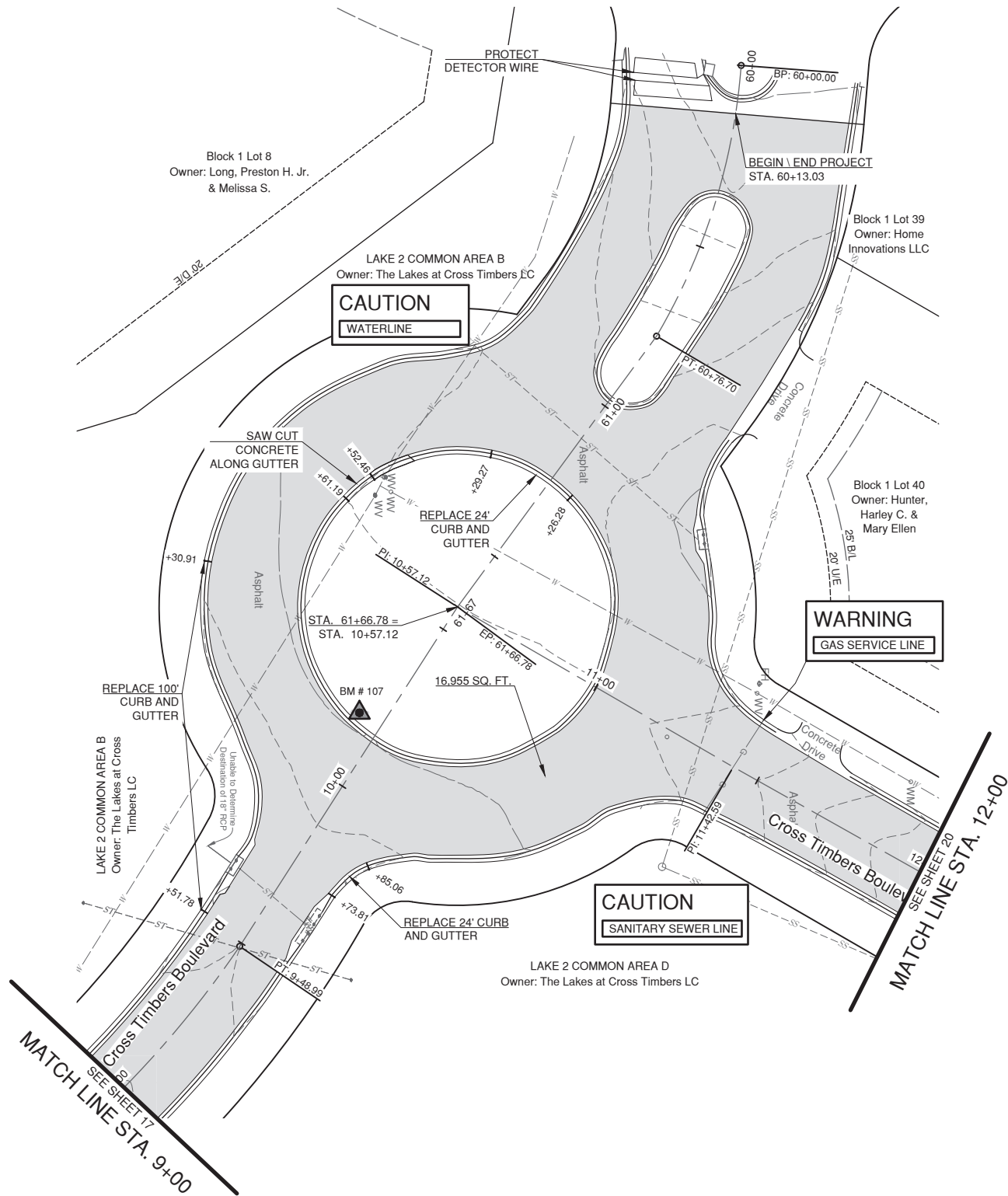
CROSS TIMEBERS BLVD / STARLING CT

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

PLANS & ESTIMATES PREPARED BY:
tep Tulsa Engineering & Planning Associates
9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

PLAN SCALE	DRAWN	CFJ	08/2024	APPROVED:
#####	DESIGNED	WSC	08/2024	
	SURVEY	BL	08/2024	
PROFILE SCALE	PROJ. MGR.			
HORIZONTAL:	LEAD ENGR.			
	FIELD MGR.			
VERTICAL:	RECOMMENDED:			
	DESIGN MANAGER			CITY ENGINEER
FILE: _____	DRAWING: _____			DATE: _____
ATLAS PAGE NO.: _____				SHEET ____ OF ____ SHEETS





LOCATION MAP
N.T.S.

HATCH LEGEND:

- ASPHALT PAVING
- STAMPED CONCRETE

Benchmarks

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Horizontal Datum: NAD83(2011)
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Vertical Datum: NAVD88
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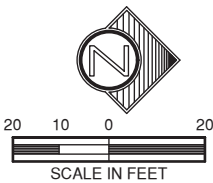
11/11/2024

ROADWAY PLAN (3 OF 7)

CROSS TIMEBERS BLVD

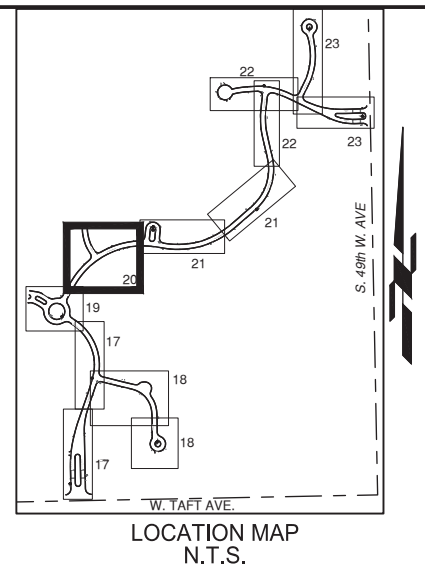
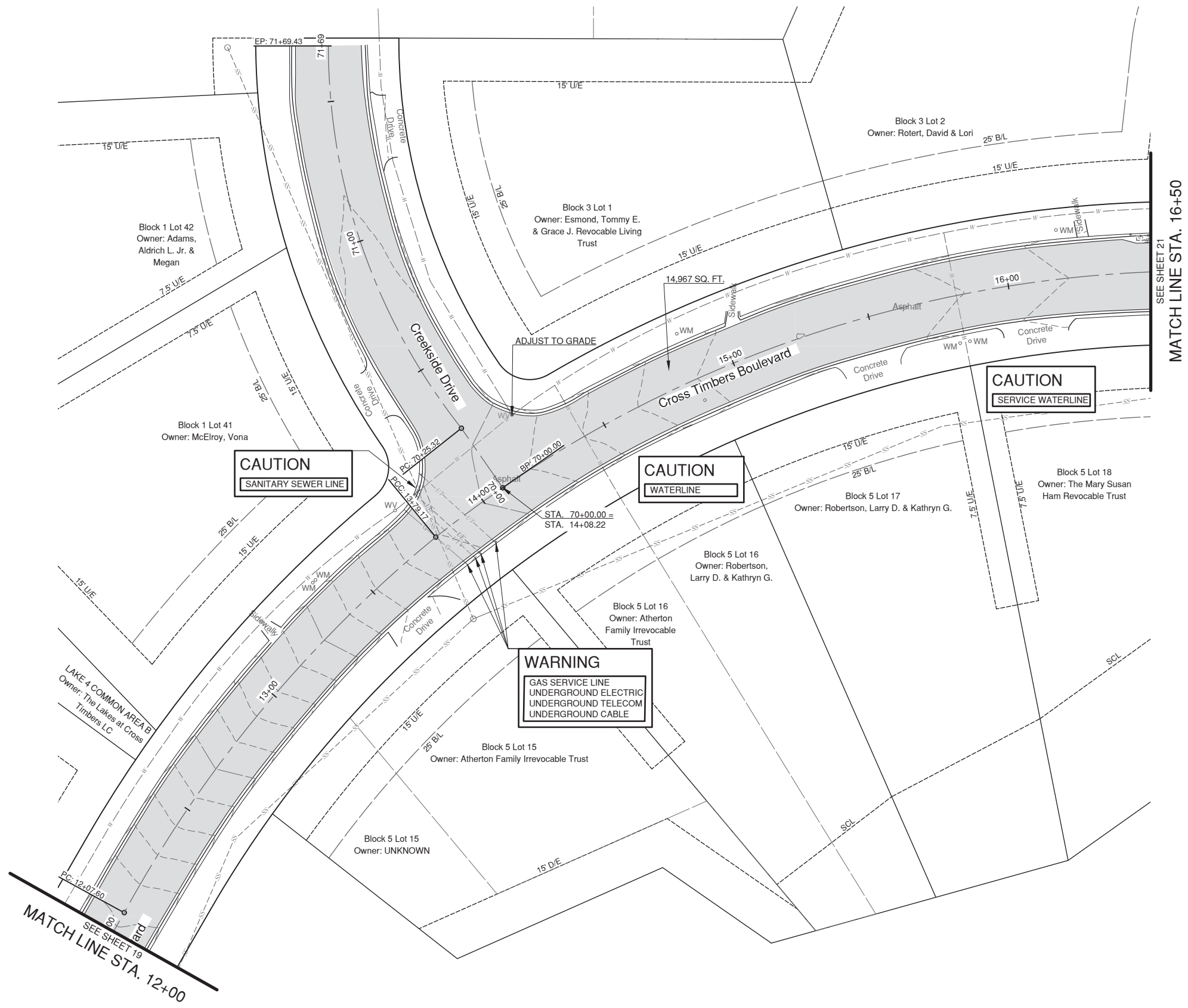
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Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023



REVISION	BY	DATE	PLAN SCALE	DRAWN	CFJ	08/2024	APPROVED:
			1"=20'	DESIGNED	WSC	08/2024	
				SURVEY	BL	08/2024	
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				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
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			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 19 OF 30 SHEETS





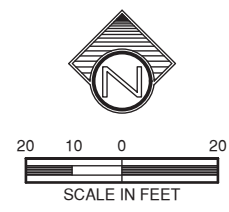
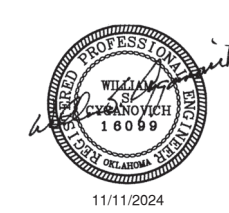
HATCH LEGEND:

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	STAMPED CONCRETE

Benchmarks

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Horizontal Datum: NAD83(2011)
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Vertical Datum: NAVD88
All Coordinates and measurements in U.S. Survey Foot



ROADWAY PLAN (4 OF 7)

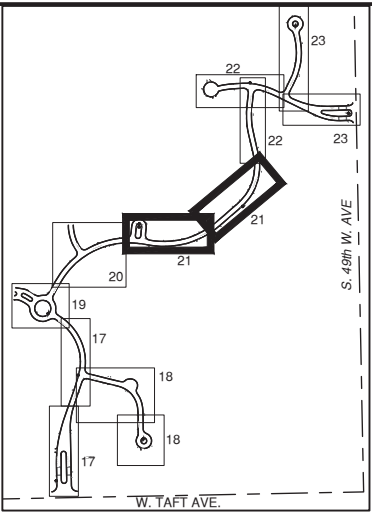
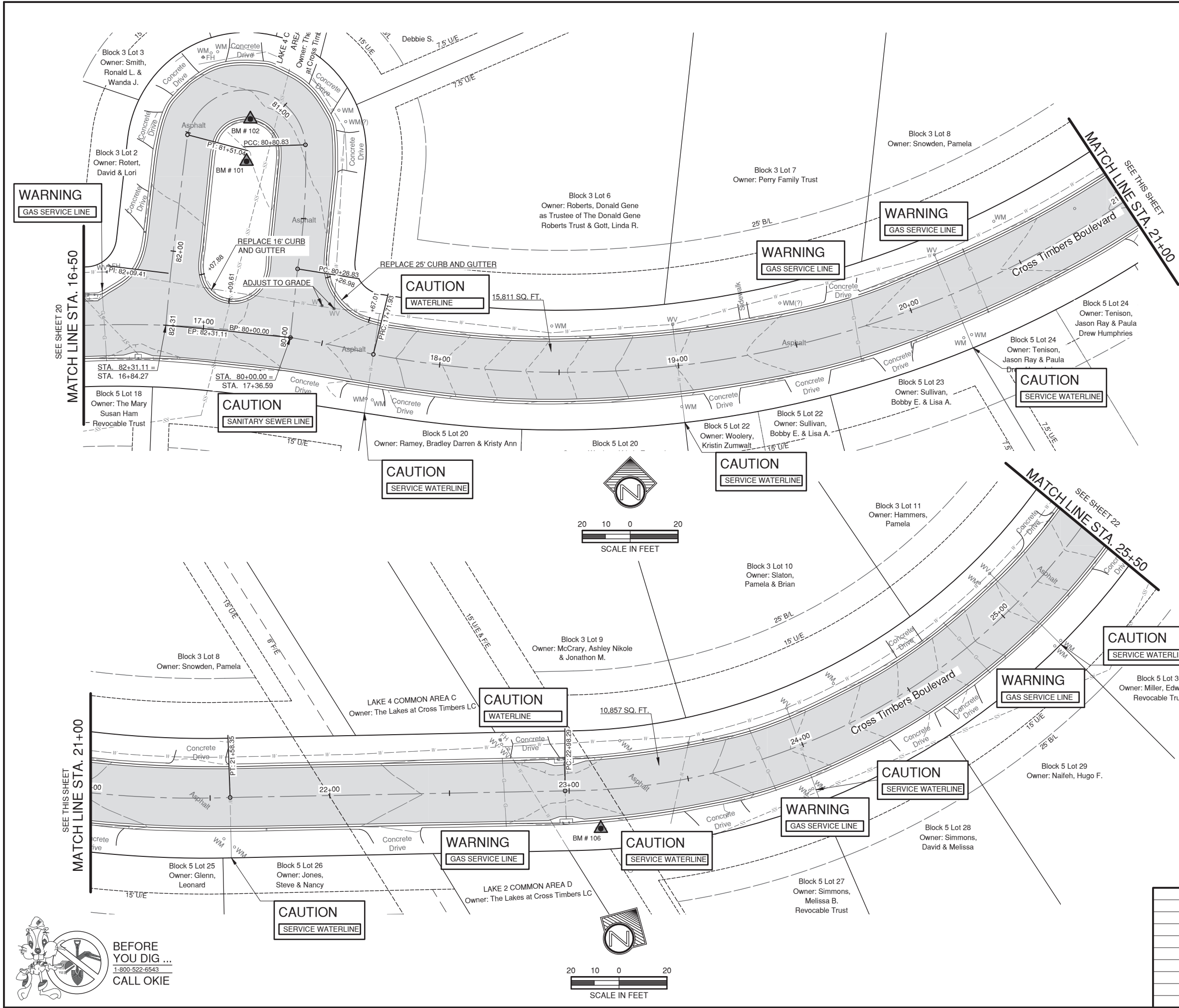
CROSS TIMEBERS BLVD

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REVISION	BY	DATE	PLAN SCALE	DRAWN	CFJ	08/2024	APPROVED:
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				SURVEY	BL	08/2024	
			PROFILE SCALE	PROJ. MGR.			
			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
				DESIGN MANAGER			CITY ENGINEER
			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 20 OF 30 SHEETS





LOCATION MAP
N.T.S.

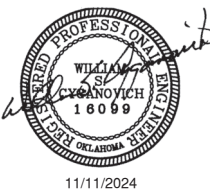
HATCH LEGEND:

- ASPHALT PAVING
- STAMPED CONCRETE

Benchmarks

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Horizontal Datum: NAD83(2011)
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Vertical Datum: NAVD88
All Coordinates and measurements in U.S. Survey Foot



ROADWAY PLAN (5 OF 7)

CROSS TIMEBERS BLVD

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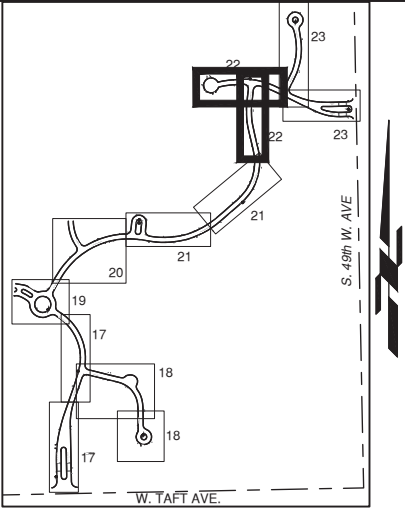
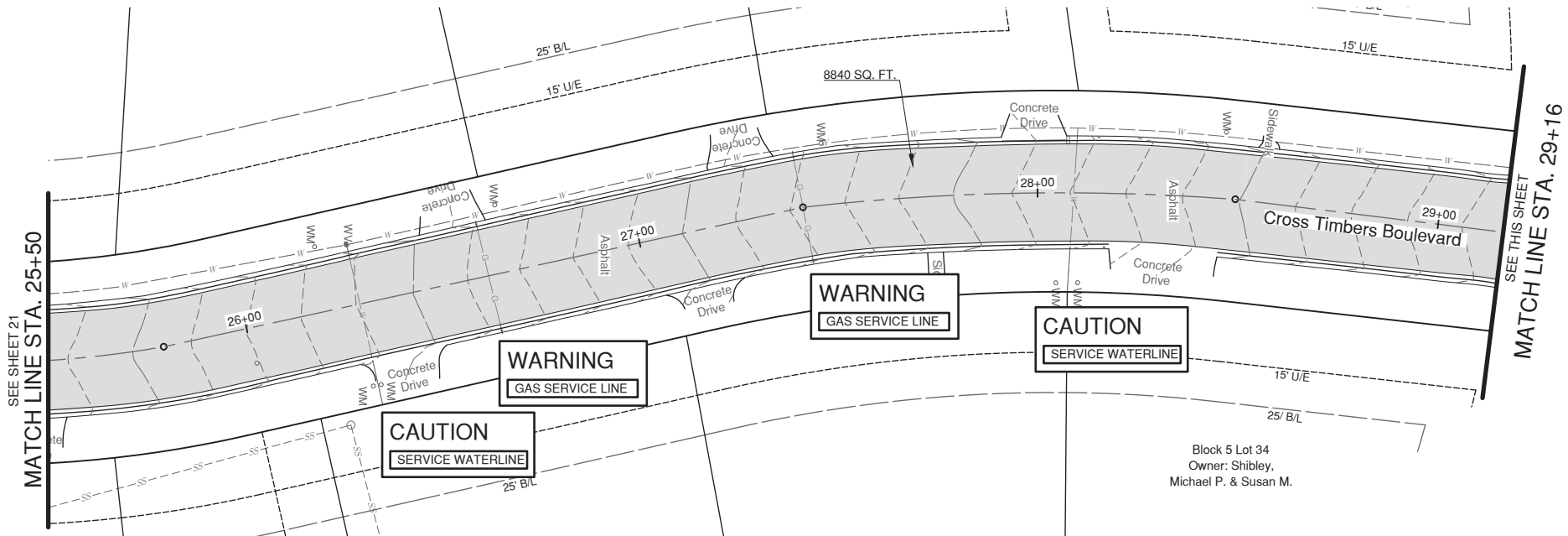
PLANS & ESTIMATES PREPARED BY:

tep Tulsa Engineering & Planning Associates
9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

REVISION	BY	DATE	PLAN SCALE	DESIGNED	CFU	08/2024	APPROVED:
			####	DESIGNED	WSC	08/2024	
				SURVEY	BL	08/2024	
			PROFILE SCALE	PROJ. MGR.			
			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
				DESIGN MANAGER			CITY ENGINEER
			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 21 OF 30 SHEETS



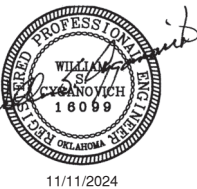
BEFORE
YOU DIG ...
1-800-522-6543
CALL OKIE



LOCATION MAP
N.T.S.

HATCH LEGEND:	
	ASPHALT PAVING
	STAMPED CONCRETE

Benchmarks				
Point	Northing	Easting	Elevation	Description
101	366979.76	2544927.11	754.84	5/8" Steel Pin with Orange Cap Stamped "TEP CTRL"
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Horizontal Datum: NAD83(2011)				
Projection: Oklahoma State Plane Coordinate System North Zone 3501				
Vertical Datum: NAVD88				
All Coordinates and measurements in U.S. Survey Foot				



11/11/2024

ROADWAY PLAN (6 OF 7)

CROSS TIMEBERS BLVD

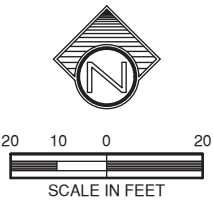
CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

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tep Tulsa Engineering & Planning Associates
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Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

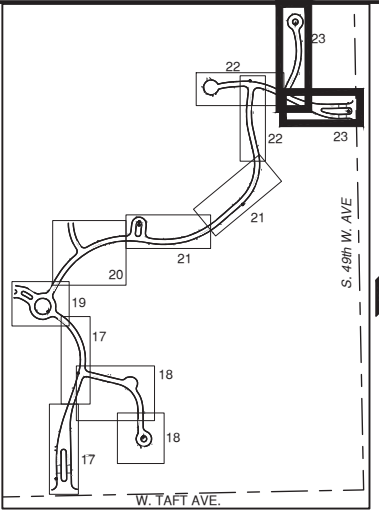
REVISION	BY	DATE	PLAN SCALE	DRAWN	CFJ	08/2024	APPROVED:
			1"=20'	DESIGNED	WSC	08/2024	
				SURVEY	BL	08/2024	
			PROFILE SCALE	PROJ. MGR.			
			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
				DESIGN MANAGER			CITY ENGINEER
			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 22 OF 30 SHEETS



SEE THIS SHEET
MATCH LINE STA. 29+16



SEE SHEET 23
MATCH LINE STA. 33+50



LOCATION MAP
N.T.S.

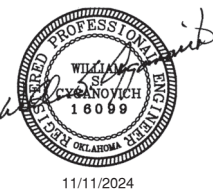
HATCH LEGEND:

- ASPHALT PAVING
- STAMPED CONCRETE

Benchmarks

Point	Northing	Easting	Elevation	Description
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Horizontal Datum: NAD83(2011)
Projection: Oklahoma State Plane Coordinate System North Zone 3501
Vertical Datum: NAVD88
All Coordinates and measurements in U.S. Survey Foot



ROADWAY PLAN (7 OF 7)

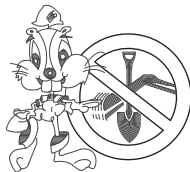
CROSS TIMBERS BLVD / HUNTERS HILL

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

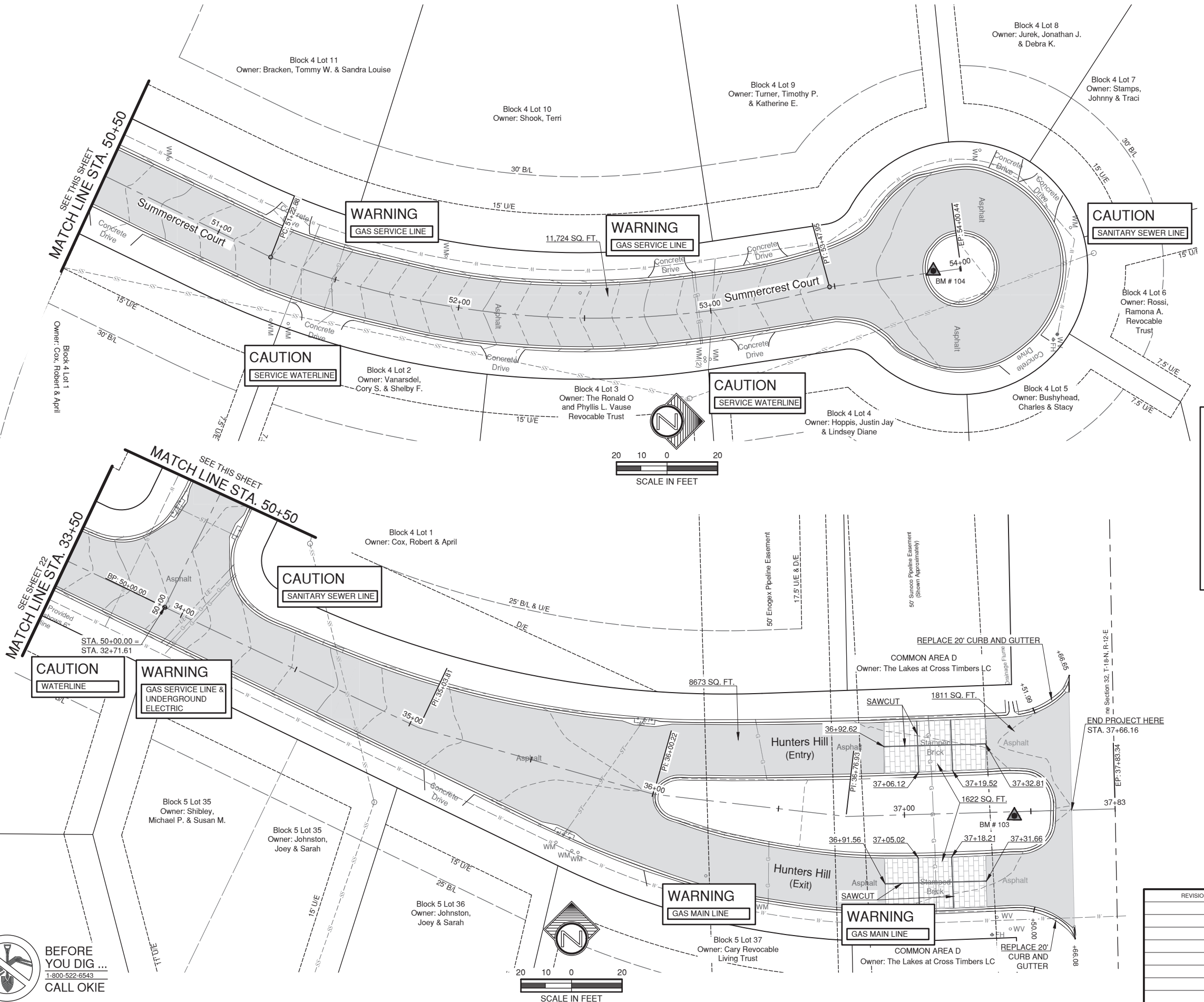
PLANS & ESTIMATES PREPARED BY:

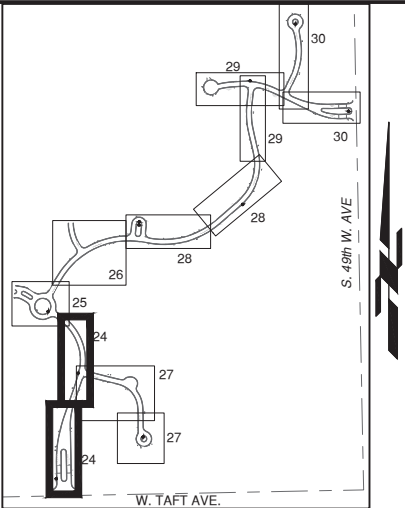
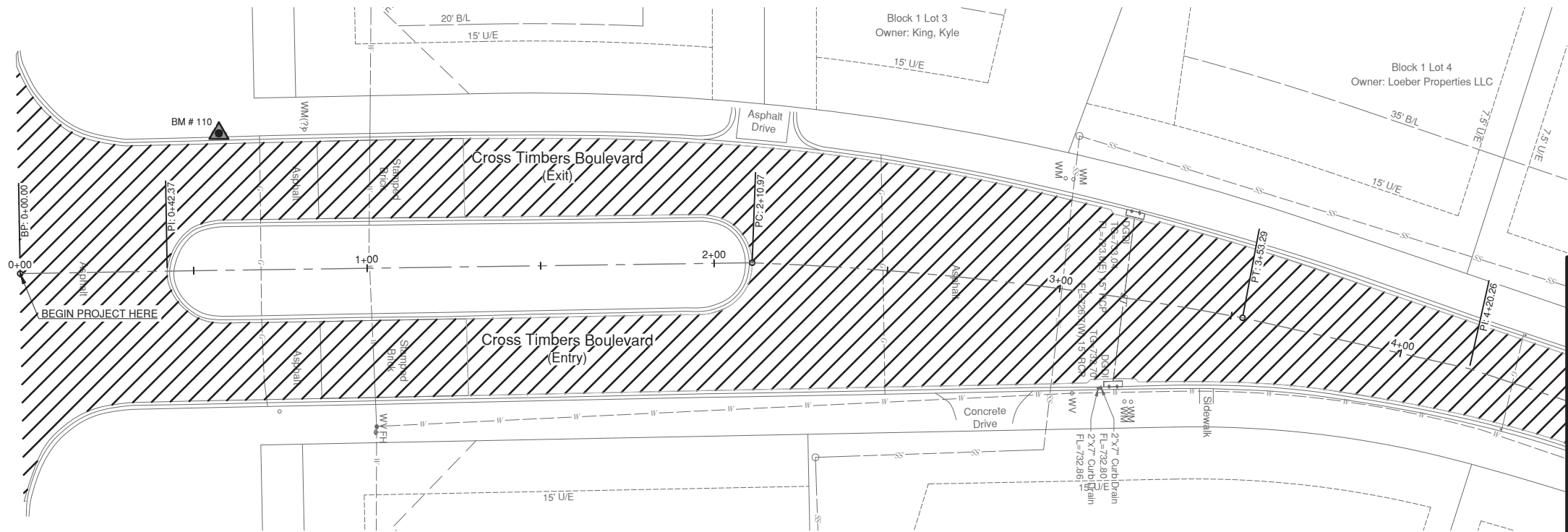
tep Tulsa Engineering & Planning Associates
9810 E. 42nd Street, Suite 100 Tulsa, Oklahoma 74146
Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

REVISION	BY	DATE	PLAN SCALE	DRAWN	CFU	08/2024	APPROVED:
			1"=20'	DESIGNED	WSC	08/2024	
				SURVEY	BL	08/2024	
			PROFILE SCALE	PROJ. MGR.			
			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
				DESIGN MANAGER			CITY ENGINEER
			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 23 OF 30 SHEETS



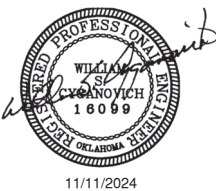
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YOU DIG ...
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CALL OKIE





PHASING LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- PHASE 4
- PHASE 5
- PHASE 6 - 2" TOP COURSE ON PHASES 1-5
- PHASE 7
- PHASE 8
- PHASE 9 - 2" TOP COURSE ON PHASES 7-8

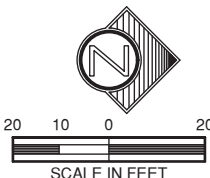


CONSTRUCTION PHASING (1 OF 7)

CROSS TIMEBERS BLVD

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SEE SHEET 25 FOR PHASING DETAILS

REVISION	BY	DATE	PLAN SCALE	DRAWN	CFJ	08/2024	DESIGNED	WSC	08/2024	SURVEY	BL	08/2024	PROFILE SCALE	PROJ. MGR.	LEAD ENGR.	FIELD MGR.	RECOMMENDED:	DESIGN MANAGER	CITY ENGINEER	FILE:	DRAWING:	DATE:	ATLAS PAGE NO.:	SHEET	24 OF 30 SHEETS
			1"=20'																						

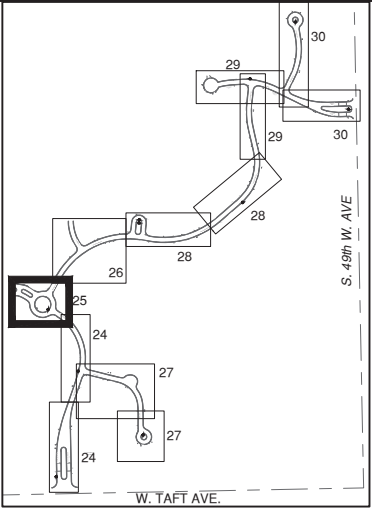
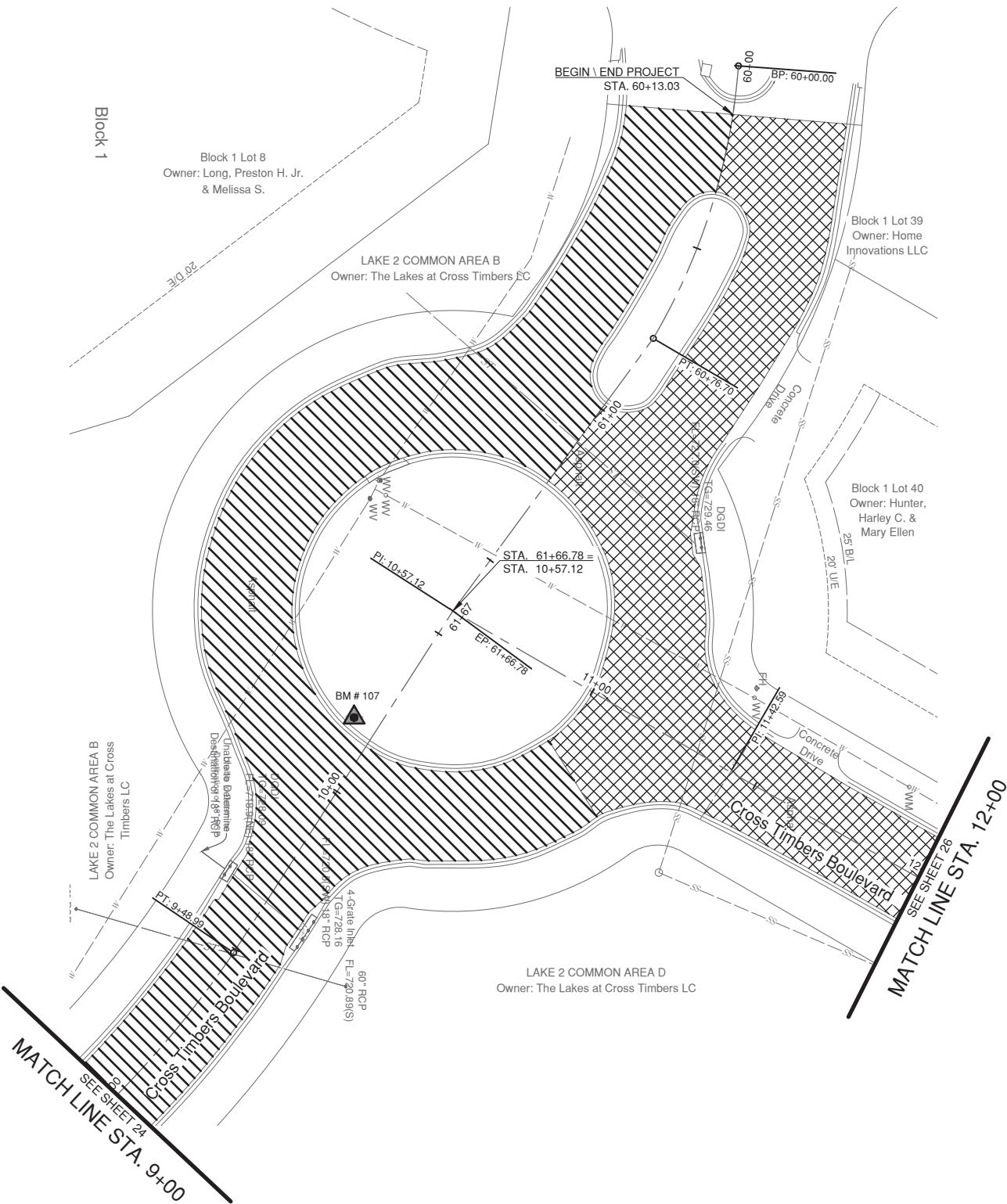


CONSTRUCTION PHASING

FOR EACH PHASE:

1. REMOVE ASPHALT - COMPLETE AREA
2. EXCAVATE SUBGRADE TO THE REQUIRED ELEVATION - ONLY AMOUNT THAT CAN BE BACKFILLED W/ AGGREGATE BASE BY THE END OF THE DAY
3. SCARIFY SUBGRADE & RECOMPACT
4. PLACE SEPARATOR FABRIC, BACKFILL W/ AGGREGATE BASE TO REQUIRED ELEVATION AND COMPACT
5. REPEAT ITEMS 2, 3 & 4 UNTIL PHASE AREA IS COMPLETE
6. PLACE 5 INCHES OF S3 ASPHALT, IN TWO LIFTS & COMPACT
7. MOVE TO THE NEXT PHASE AND REPEAT ITEMS 1 TO 6

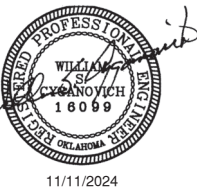
THE SUGGESTED PHASING CAN BE ALTERED W/ CONCURRENCE FROM THE CITY AND THE ENGINEER. BEFORE BEGINNING ANY PHASE THE HOMEOWNERS WILL NEED TO BE INFORMED 48 HOURS PRIOR TO THE BEGINNING OF THE PHASE. DOOR HANGERS AND/ OR HOME VISITS WILL BE REQUIRED AND WILL HAVE A PROPOSED DURATION OF THE PHASE TIME IN WRITING



LOCATION MAP
N.T.S.

PHASING LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- PHASE 4
- PHASE 5
- PHASE 6 - 2" TOP COURSE ON PHASES 1-5
- PHASE 7
- PHASE 8
- PHASE 9 - 2" TOP COURSE ON PHASES 7-8



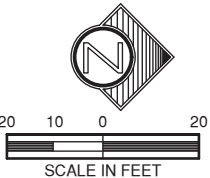
11/11/2024

CONSTRUCTION PHASING (2 OF 7)

CROSS TIMEBERS BLVD

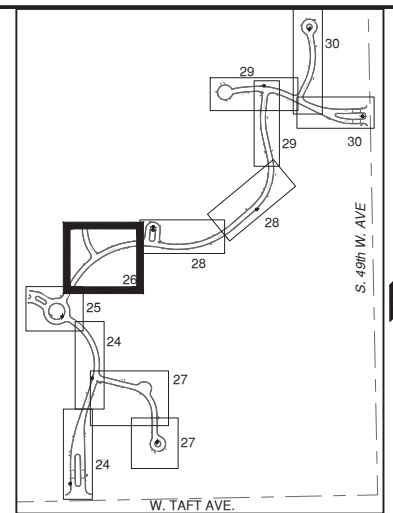
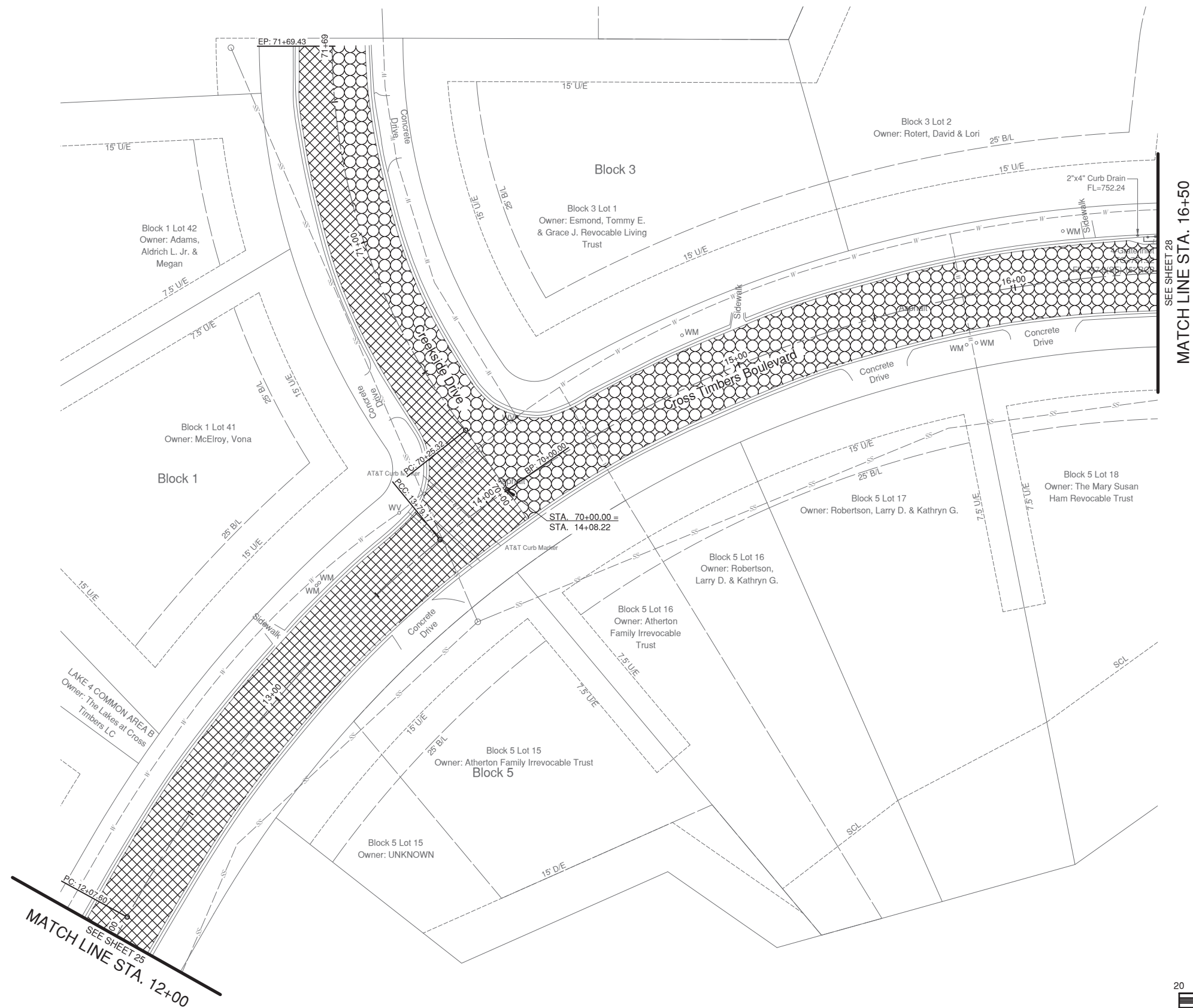
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Phone: 918-252-9621 Fax: 918-340-5999
Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2023

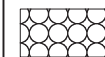


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				SURVEY	BL	08/2024	
			PROFILE SCALE	PROJ. MGR.			
			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
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			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 25 OF 30 SHEETS

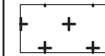
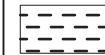




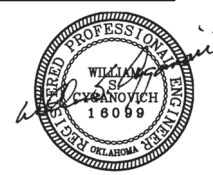
PHASING LEGEND



PHASE 6 - 2" TOP COURSE ON
PHASES 1-5



PHASE 9 - 2" TOP COURSE ON
PHASES 7-8



CONSTRUCTION PHASING (3 OF 7)

CROSS TIMEBERS BLVD

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

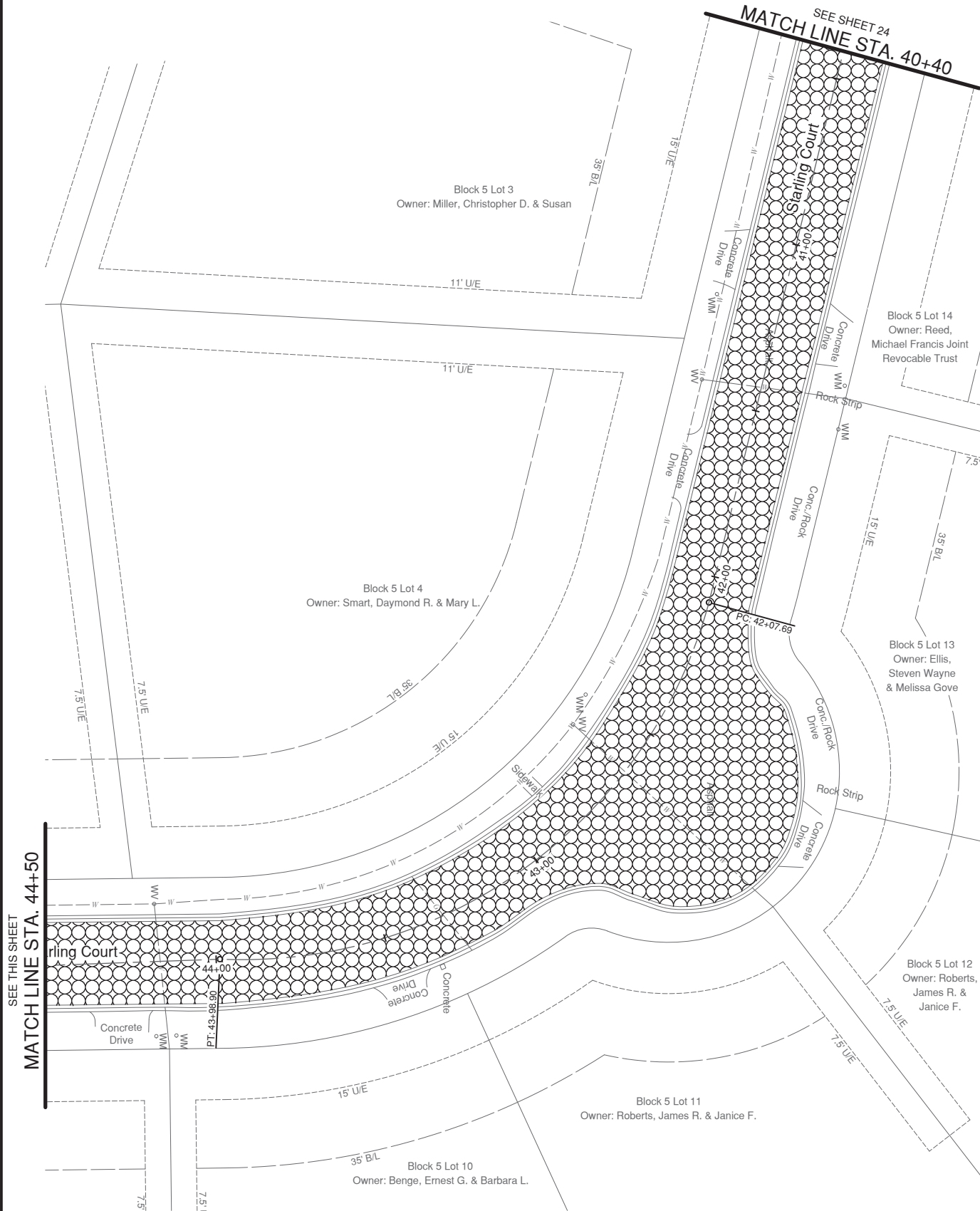
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Certificate of Authorization No. 531 PE/LS Renewal Date June 30, 2021

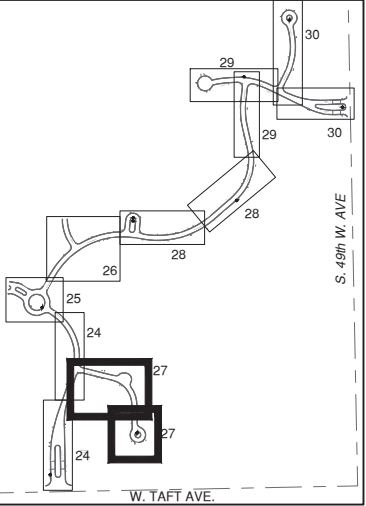
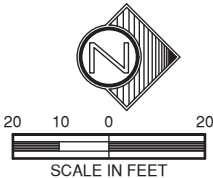
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ATLAS PAGE NO.:					SHEET 26 OF 30 SHEETS	



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MATCH LINE STA. 44+50

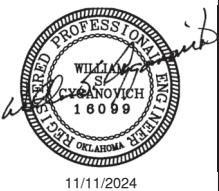


SEE SHEET 25 FOR PHASING DETAILS



PHASING LEGEND

PHASE 1
PHASE 2
PHASE 3
PHASE 4
PHASE 5
PHASE 6 - 2" TOP COURSE ON PHASES 1-5
PHASE 7
PHASE 8
PHASE 9 - 2" TOP COURSE ON PHASES 7-8



CONSTRUCTION PHASING (4 OF 7)

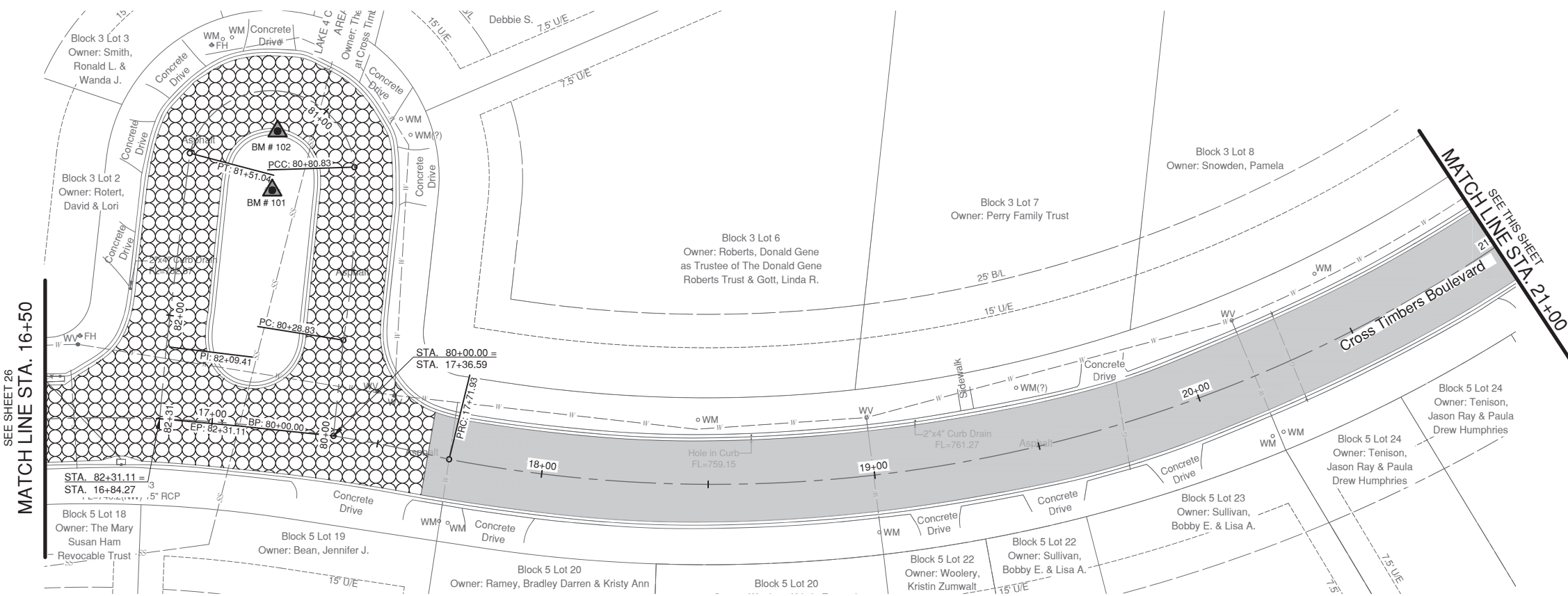
CROSS TIMEBERS BLVD / STARLING CT

CITY OF SUPULPA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

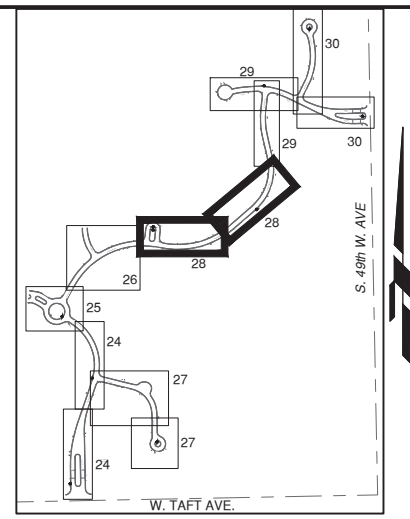
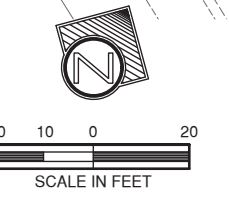
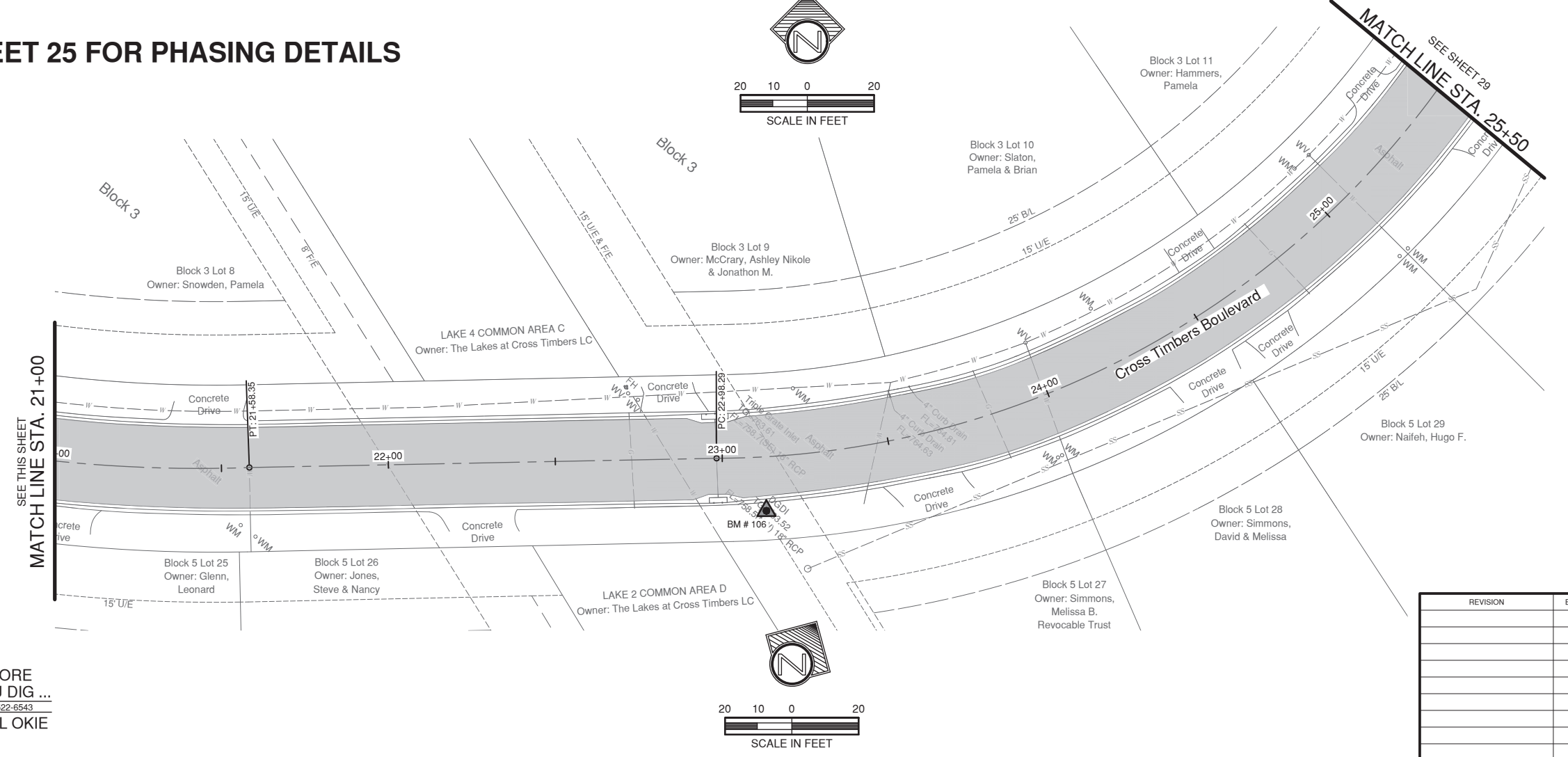
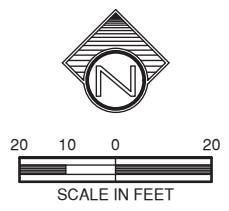
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Certificate of Authorization No. 531 PE/L.S. Renewal Date June 30, 2023

REVISION	BY	DATE

PLAN SCALE	CFU	08/2024	APPROVED:
1"=20'	DESIGNED	WSC	08/2024
	SURVEY	BL	08/2024
PROFILE SCALE	PROJ. MGR.		
HORIZONTAL:	LEAD ENGR.		
	FIELD MGR.		
VERTICAL:	RECOMMENDED:		
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FILE:	DRAWING:		DATE:
ATLAS PAGE NO.:			SHEET 27 OF 30 SHEETS

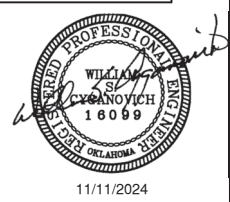


SEE SHEET 25 FOR PHASING DETAILS



PHASING LEGEND

	PHASE 1
	PHASE 2
	PHASE 3
	PHASE 4
	PHASE 5
PHASE 6 - 2" TOP COURSE ON PHASES 1-5	
	PHASE 7
	PHASE 8
PHASE 9 - 2" TOP COURSE ON PHASES 7-8	



CONSTRUCTION PHASING (5 OF 7)

CROSS TIMEBERS BLVD

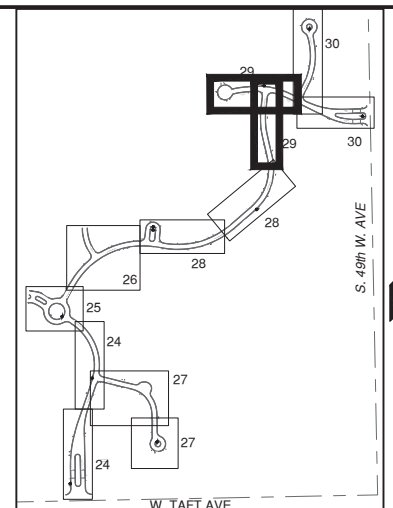
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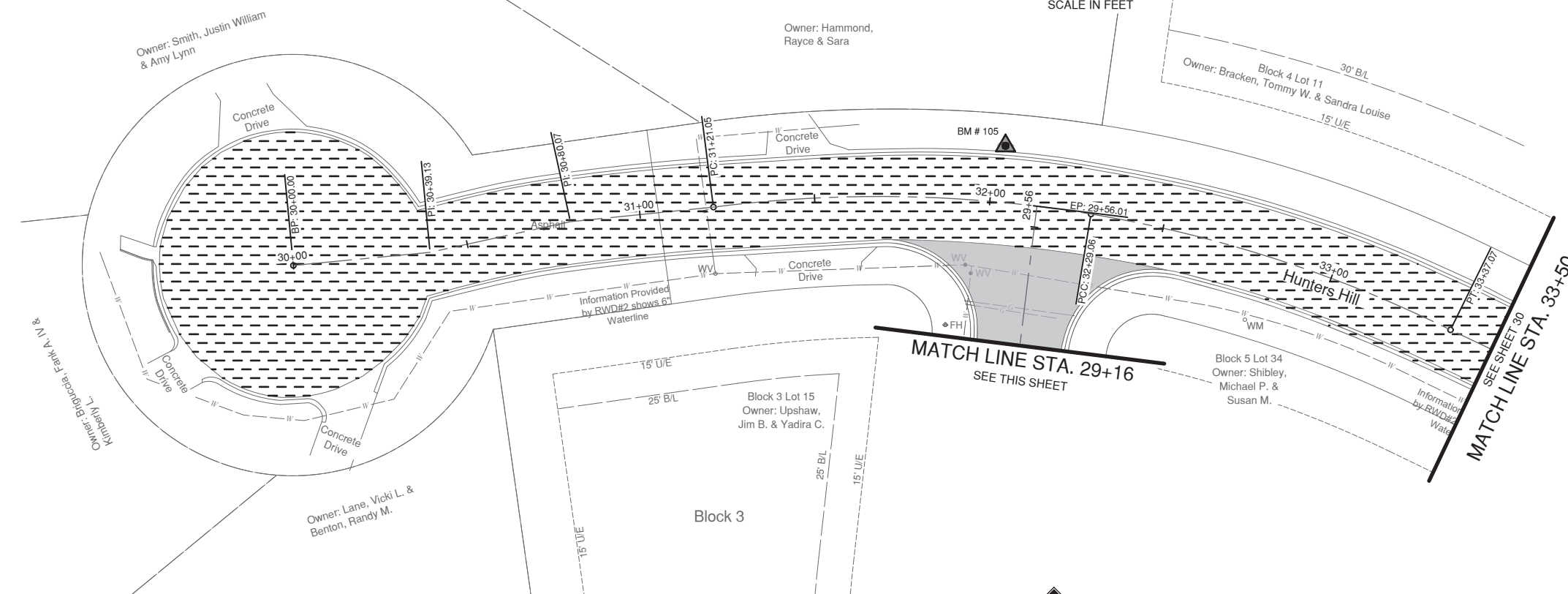
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			PROFILE SCALE	PROJ. MGR.			
			HORIZONTAL:	LEAD ENGR.			
				FIELD MGR.			
			VERTICAL:	RECOMMENDED:			
				DESIGN MANAGER			CITY ENGINEER
			FILE:	DRAWING:			DATE:
			ATLAS PAGE NO.:				SHEET 28 OF 30 SHEETS



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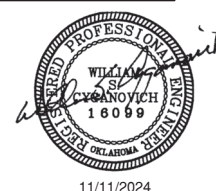
SEE SHEET 25 FOR PHASING DETAILS



	<u>PHASE 1</u>
	<u>PHASE 2</u>
	<u>PHASE 3</u>
	<u>PHASE 4</u>
	<u>PHASE 5</u>
PHASE 6 - 2" TOP COAT	
PHASES 1-5	
	<u>PHASE 7</u>
	<u>PHASE 8</u>

PHASE 6 - 2" TOP COURSE ON
PHASES 1-5

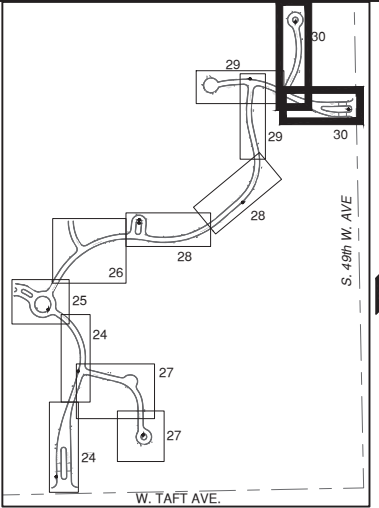
PHASE 9 - 2" TOP COURSE ON
PHASES 7-8



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REVISION	BY	DATE	PLAN SCALE 1"=20' PROFILE SCALE HORIZONTAL: VERTICAL:	DRAWN	CFJ	08/2024	APPROVED:	
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				SURVEY	BL	08/2024		
				PROJ. MGR.				
				LEAD ENGR.				
				FIELD MGR.				
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				DESIGN MANAGER		CITY ENGINEER		
			FILE: _____	DRAWING: _____		DATE: _____		
			ATLAS PAGE NO.: _____			SHEET 29 OF 30 SHEETS		



LOCATION MAP
N.T.S.

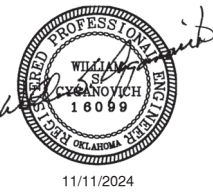
PHASING LEGEND

- PHASE 1
- PHASE 2
- PHASE 3
- PHASE 4
- PHASE 5

PHASE 6 - 2" TOP COURSE ON
PHASES 1-5

- PHASE 7
- PHASE 8

PHASE 9 - 2" TOP COURSE ON
PHASES 7-8



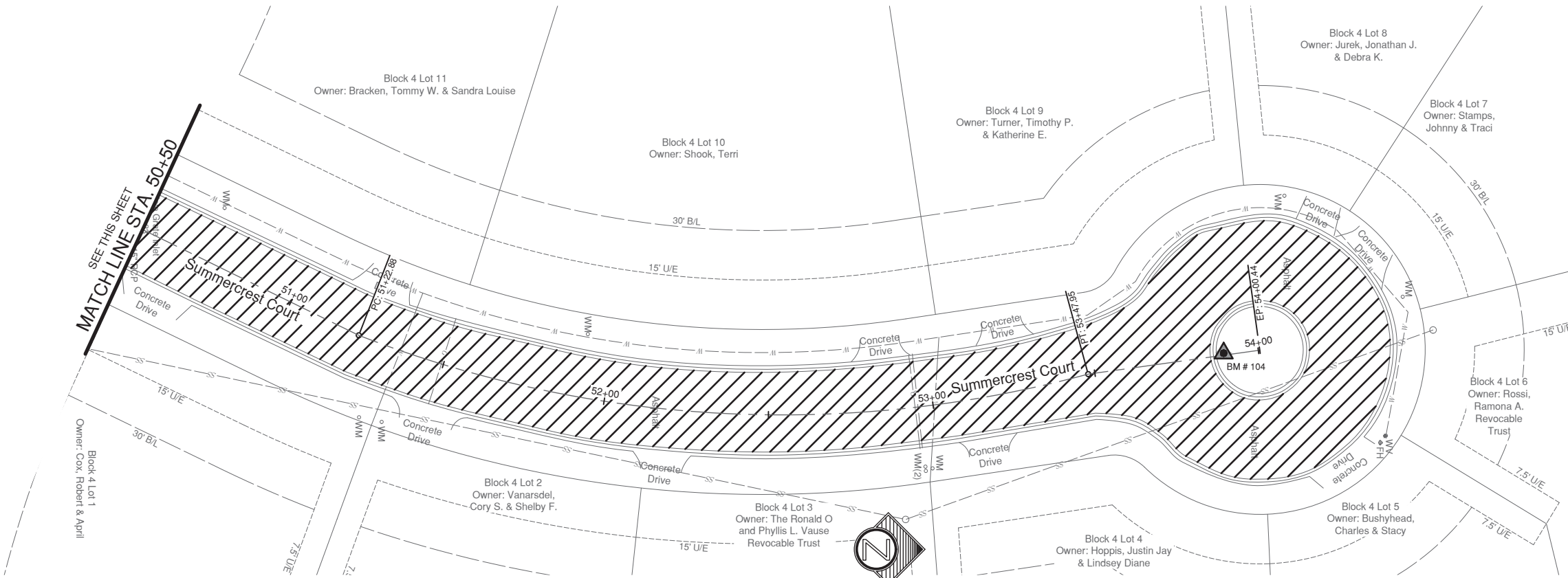
CONSTRUCTION PHASING (7 OF 7)

CROSS TIMEBERS BLVD / HUNTERS HILL

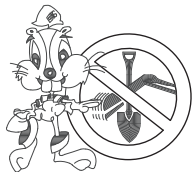
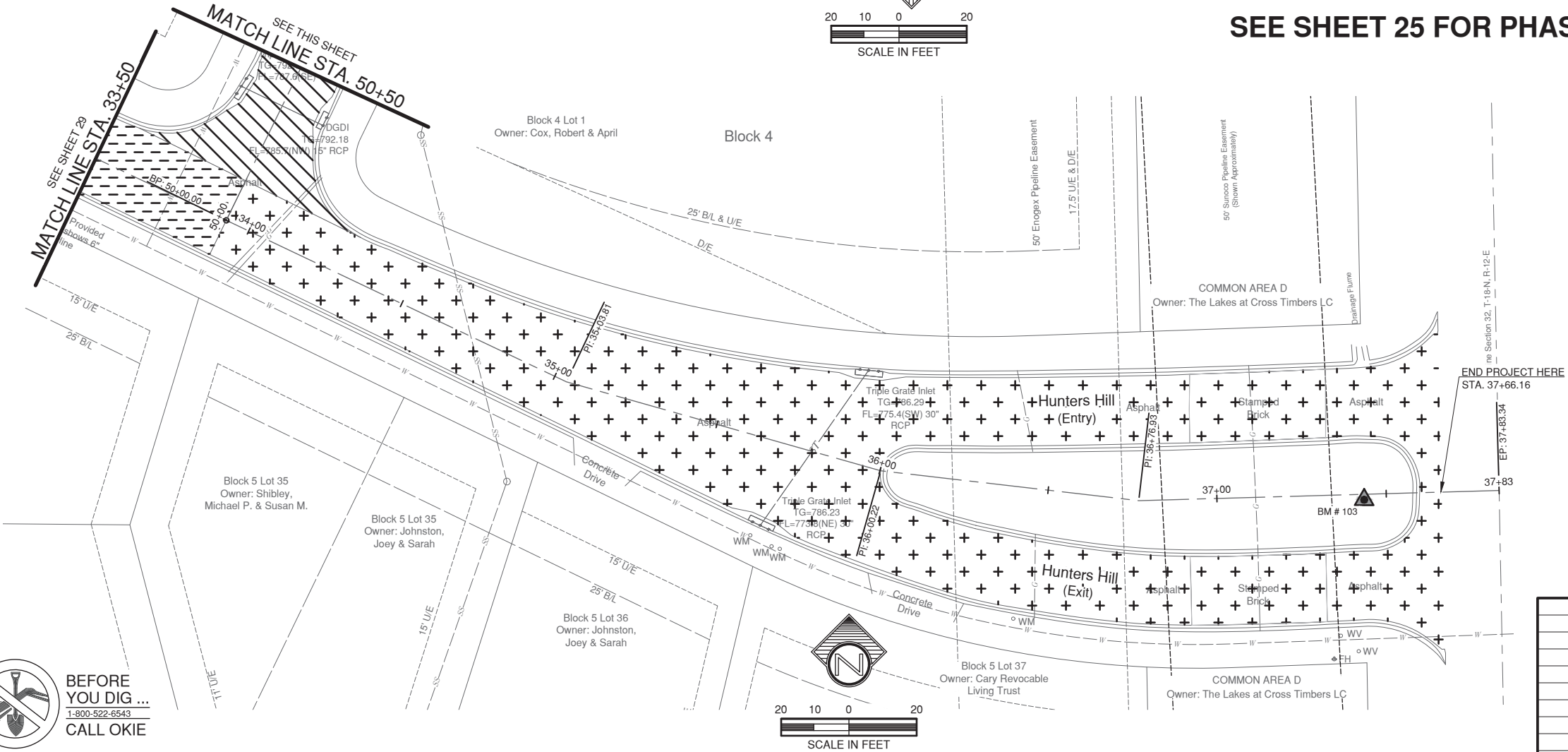
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			1"=20'	DESIGNED	WSC	08/2024	
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			PROFILE SCALE	PROJ. MGR.			
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				DESIGN MANAGER			CITY ENGINEER
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